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MELUMITTAUSRAPORTTI, KAUSI 2022

Ahveniston moottorirata

Kirjoittanut:
Olli Laivoranta, DI
puh. 041 506 3418
olli.laivoranta@promethor.fi

Tarkastanut:
Jani Kankare, FM
puh. 040 574 0028
jani.kankare@promethor.fi

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1 JOHDANTO

Ahveniston moottoriradalla on Hämeenlinnan seudun kansanterveystyön kuntayhtymän ympäristölautakunnan 17.6.2003 (175 §) myöntämä ympäristölupa. Ympäristölupapäätöksessä määrättiin tekemään hakemus lupamääräysten tarkistamiseksi viimeistään 31.12.2008 mennessä. Hämeenlinnan ympäristö- ja rakennuslautakunta on 11.12.2013 tehnyt päätöksen Ahveniston moottoriradan ympäristölupamääräysten tarkistamisesta. Ympäristölupapäätöksestä tehdyn valituksen takia ympäristölupaa käsiteltiin Vaasan hallinto-oikeudessa. Vaasan hallinto-oikeus on antanut asiassa 9.6.2015 päätöksen 15/0156/2.

Vaasan hallinto-oikeuden päätöksessä on edellytetty esittämään tehdyt meluntorjuntatoimenpiteet sekä melumittauksiin perustuva selvitys siitä, kuinka laajalle kilpailu- ja harjoitustoiminnan aikaiset melualueet leviävät ja melumallinnukseen tukeutuva esitys mahdollisista toimenpiteistä meluhäiriön vähentämiseksi.

Promethor Oy mittasi Hämeenlinnan kaupungin toimeksiannosta Ahveniston moottoriradan toiminnasta kauden 2022 aikana rata-alueen ympäristöön aiheutuvaa melua. Tässä raportissa on esitetty tehtyjen mittausten mittausjärjestelyt ja mittaustulokset, sekä arvioitu mittaustulosten perusteella ratamelun leviämisen laajuutta.

2 LUPAMÄÄRÄYKSISTÄ

Alla on esitetty tiivistettynä Hämeenlinnan ympäristö- ja rakennuslautakunnan myöntämässä ympäristöluvassa olevien meluun liittyvien määräysten sekä Vaasan hallinto-oikeuden päätöksessä annettujen muutosten sisältö. Yksityiskohtaiset tekstisisällöt löytyvät kyseisistä päätöksistä.

Hämeenlinnan ympäristö- ja rakennuslautakunnan myöntämä ympäristölupa

Hämeenlinnan ympäristö- ja rakennuslautakunnan antamassa ympäristölupapäätöksessä (11.12.2013) moottoriradan ajotoiminta jaetaan kahteen osaan:

1) Tavanomainen ajokäyttö
    - Tavanomainen ajokäyttö on ajamista liikenne- ja viestintäministeriön vaatimusten mukaisilla ajoneuvoilla ja ajoneuvoilla, joiden melupäästö pakoputkimittauksella on enintään 95 dB(A).
2) Meluisa ajo
    - Meluisia toimintoja ovat mm. moottoriurheilukilpailut ja -harjoitukset sekä ajoharjoittelu ajoneuvoilla, joiden melupäästöt pakoputkimittauksessa ylittävät 95 dB (L_{ASmax}).
    - Suurin sallittu ajoneuvon melu pakoputkimittauksessa on 110 dB (L_{ASmax}).
    - Meluisaa toimintaa saa olla enintään kolme peräkkäistä päivää, jonka jälkeen tulee olla kaksi päivää, jolloin radalla ei ole tässä luvassa tarkoitettua meluisaa ajoa tai käyttöä.

Molemmille osille on määritetty kellonaika- ja päivämääräkohtaisia toiminta-aikarajoituksia.

Meluisa ajo jakaantuu edelleen kahteen alaluokkaan:

1) Moottoriurheilukilpailut
    - Sallittu vain ajokaudella 15.4.–17.6. ja 1.8.–15.10. **enintään 12 päivää**.
2) Moottoriurheiluharjoitus
    - Sallittu vain ajokaudella 15.4.–17.6. ja 1.8.–15.10. **enintään 25 päivää**.

Moottoriradan melunhallinta on siis toteutettu ensisijaisesti ajopäivien lukumäärää ja ajoaikoja rajoittamalla.

Toiminnanharjoittaja on velvoitettu seuraamaan päivittäin radan meluntuottoa (keskiäänitaso L_{Aeq} ja lyhytaikainen melutaso L_{AFmax}) jatkuvatoimisella seurantalaitteella. Tavanomaisen ajon päivänä ohiajomittauksessa ajoneuvo ei saa toistuvasti ylittää L_{AFmax}-melutasona 95 dB.

Toiminnanharjoittaja on lisäksi velvoitettu tekemään tiettyjä meluntorjuntarakenteita.

Vaasan hallinto-oikeuden antama päätös

Vaasan hallinto-oikeuden päätöksessä 15/0156/2 (9.6.2015) meluun liittyviä lupamääräyksiä on osittain muutettu ja täydennetty seuraavassa esitettävän mukaisesti:

Toimintapäivien määrää ja toiminta-aikoja ei ole muutettu.

Toiminnanharjoittaja edellytettiin radan melutuoton seuraamisen lisäksi mittaamaan melua rata-alueen ympäristössä: ”Toiminnanharjoittajan on mitattava kilpailu- ja harjoituspäivien melutasoja jatkuvatoimisesti vähintään neljässä häiriintyviin kohteisiin sijoittuvassa mittauspisteessä. Mittausten on katettava kaikki kilpailupäivät ja suurin osa harjoituspäivistä. Lisäksi melutasoja on mitattava jatkuvatoimisesti jokaisena kilpailupäivää seuraavana ensimmäisenä tavanomaisen ajokäytön päivänä.”

Toiminnanharjoittajaa edellytettiin esittämään selvitys tehtyjen meluntorjuntatoimenpiteiden vaikutuksista ympäristöön:

”Vuoden kuluessa viimeisen lupamääräyksessä edellytetyn meluntorjuntatoimenpiteen valmistuttua toiminnanharjoittajan on esitettävä melumittauksiin perustuva selvitys, kuinka laajalle kilpailu- ja harjoitustoiminnan aikaiset melualueet 75 dB L_{AFmax}, 70 dB L_{AFmax}, 65 dB L_{AFmax} ja 60 dB $L_{AFmax,}$ sekä 60 dB L_{Aeq}, 55 dB L_{Aeq}, 50 dB L_{Aeq} ja 45 dB L_{Aeq} ulottuvat. Maksimimelutasoja on tarkasteltava eri pysyvyystasoilla. Ekvivalenttitasojen osalta selvityksessä on esitettävä vuorokautisen $L_{Aeq,7–22}$ tason lisäksi toiminta-aikaan $L_{Aeq,09-18}$ perustuva tarkastelu. Melun mahdollinen kapeakaistaisuus häiriintyvissä kohteissa on selvitettävä terssikaistoittaisen tarkastelun perusteella.

Selvityksen on sisällettävä melumallinnukseen tukeutuva esitys siitä, millä meluntorjuntaan liittyvillä toimenpiteillä toiminnasta aiheutuvaa häiriötä voidaan entisestään vähentää sekä esitys aikataulusta toimenpiteiden toteuttamiselle. Hämeenlinnan ympäristö- ja rakennuslautakunnan on täydennettävä ympäristölupaa melumääräysten osalta siten, että luvassa asetetaan melun ylimmät sallitut keskiäänitasot (L_{Aeq}) ja enimmäismelutasot (L_{AFmax}) lähimmissä häiriintyvissä kohteissa ja annetaan tarvittaessa määräyksiä meluntorjuntatoimenpiteistä ja toiminta-ajoista.”

Vaasan hallinto-oikeuden päätöksen tulkinta

Vaasan hallinto-oikeuden päätöksen kirjaus ”*maksimimelutasoja on tarkasteltava eri pysyvyystasoilla*” on tässä selvityksessä tulkittu siten, että ympäristöön aiheutuvia äänitasoja on tarkasteltu eri pysyvyystasoilla (1 %, 5 %, ja 50 %), joista yhden prosentin pysyvyystason on todettu kuvaavan parhaiten ratatoiminnan

aiheuttaman melun maksimitasoa. Maksimitason tarkastelua on avattu enemmän luvuissa 3.1 ja 4.2. Myös maksimitason melualueita on tämän perusteella tarkasteltu 1 %:n pysyvyystason perusteella.

Ekvivalenttitasojen (keskiäänitasojen) osalta tarkastelu on selkeyden vuoksi esitetty tässä raportissa toiminta-aikaisiin keskiäänitasoihin $L_{Aeq,9–18}$ perustuen. Toiminnasta aiheutuva koko päiväajan keskiäänitaso on aina toiminta-aikaista keskiäänitasoa pienempi.

3 ÄÄNITASON MITTAUS

3.1 Mittausjärjestelmä

Äänitasoa mitattiin äänitasomittareilla Rion NL-52 ja Svantek SVAN 971. Mittarit täyttävät standardien IEC 60651 ja IEC 60804 tarkkuusluokan 1 vaatimukset ja mittausohjeessa (Ympäristömelun mittaaminen ohje 1/1995, Ympäristöministeriö) esitetyt vaatimukset.

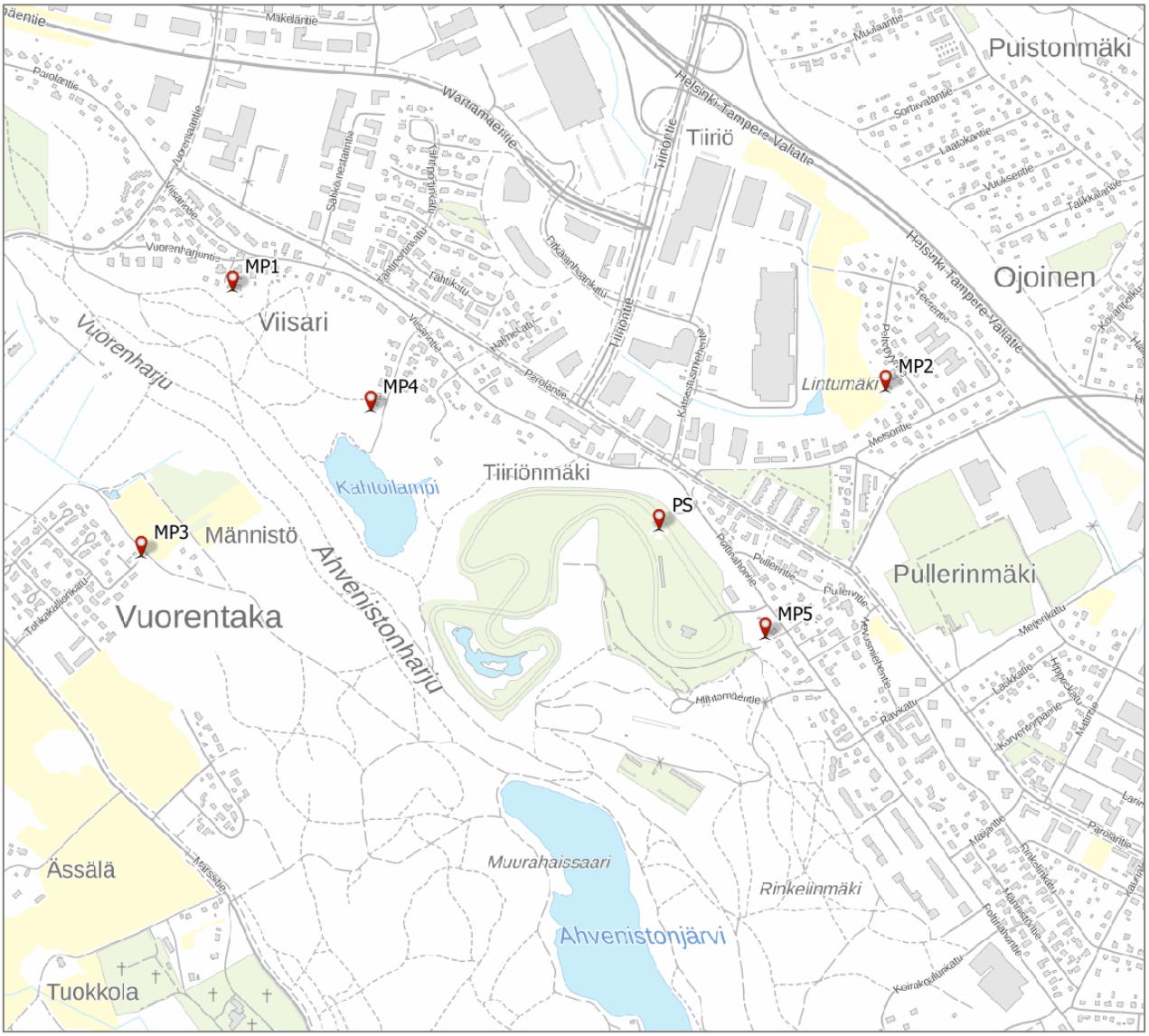
Mittausjärjestelmä tallensi mittaustuloksina minuutin keskiäänitason L_{Aeq}, hetkellisen maksimiäänitason $L_{AF,max}$, pysyvyystasot $L_{AF,1\%}$, $L_{AF,5\%}$, $L_{AF,50\%}$ sekä melun taajuusvasteen mittauspisteestä riippuen sekunnin tai minuutin välein. Yhden prosentin pysyvyystasojen tarkastelu on osoitettavissa muita pysyvyystasoja merkittävämmäksi, ja näin ollen selkeyden vuoksi muiden pysyvyystasojen tarkastelua tässä raportissa ei ole esitetty.

3.2 Mittausjakso

Mittaukset käynnistettiin 1.5.2022 ja mittauksia jatkettiin 162 vuorokauden ajan 9.10.2022 saakka. Mittauspisteessä MP5 mittaus aloitettiin muita pisteitä myöhemmin 30.6.2022, koska mittaussuunnitelman mukaisesti mittauspisteen sijainti valittiin kesäkuun aikana rata-alueen ympäristössä tehtyjen melutasomittausten tulosten ja kuulohavaintojen perusteella. Erilaisten toimintahäiriöiden takia mittausdatoista puuttuu joidenkin päivien tuloksia.

3.3 Mittauspisteet

Mittausta tehtiin jatkuvatoimisena moottoriradalla pääsuoralla ja viidessä ympäristön pisteessä. Mittauspisteiden sijainnit on esitetty kuvassa 1.



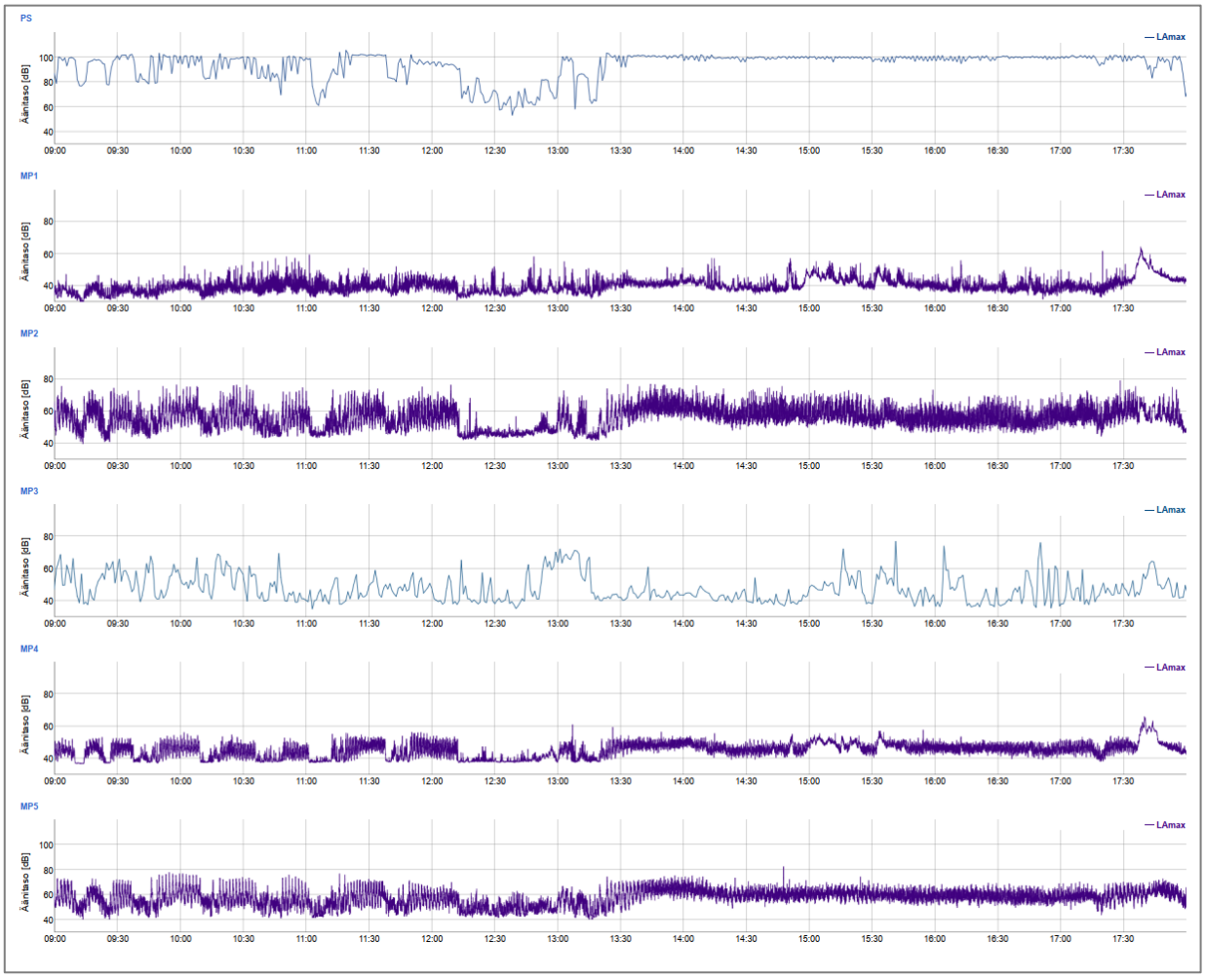
Kuva 1. Mittauspistekartta.

4 TULOSTEN ANALYSOINTI

Mittausdata siirtyi automaattisesti mittausasemilta verkkopalvelimelle ja edelleen analysointia varten ohjelmoituun sovellukseen. Analysointisovelluksen avulla pystyttiin tarkastelemaan korrelaatiota radan ja ympäristön äänitasokuvaajien välillä sekä määrittämään tuloksena esitettävät arvot ja tekemään erinäisiä analysointia tukevia tarkasteluja. Analysoinnin tukena on Ilmatieteen laitoksen avoimen datan rajapinnan kautta haetut lähimmän säähavaintoaseman tuulitiedot. Tuulitiedot ovat Hämeenlinnan Katisen säähavaintoasemalta, lukuun ottamatta aikaväliä 4.6.–14.6.2022, jonka tiedot ovat Jokioisten Ilmalan säähavaintoasemalta (Katisen havaintoasemalta ei ole tällä aikavälillä tuulitietoja saavavilla). Äänitasokuvaajat ja määritetyt pysyvyystasot, keskiäänitasot ($L_{Aeq,9–18}$) ja taajuusjakaumat sekä Ilmatieteen laitoksen tuulihavainnot on esitetty päivä- ja mittauspistekohtaisesti liitteessä 1.

4.1 Tulosten edustavuuden tarkastelu - äänitasokuvaajien korrelaatio

Mittausdata sisältää kaiken mittauspisteellä olleen äänen, joten kaikkien mittauspäivien tulosten edustavuus on arvioitu pääsuoralla mitatun äänitason kuvaajan ja tarkastelupisteessä mitatun äänitason kuvaajan korrelaation perusteella. Korrelaatiotarkastelulla liitteessä 1 esitetyt tulokset on luokiteltu edustaviin ja ei-edustaviin. Kuvassa 2 on esimerkkinä yhden päivän äänitasokuvaajat koko toiminta-ajalta klo 9–18. Kuvasta ja erityisesti kuvaajien lähemmästä tarkastelusta voidaan huomata, että äänitaso korreloi kyseisenä päivänä vähintään osittain käytännössä kaikissa mittauspisteissä pääsuoralla mitatun äänitason kanssa.



Kuva 2. Esimerkkikuva äänitasokuvaajista yhden toimintapäivän ajalta. Kuvaajassa esitetyllä aikavälillä pääsuoran ja mittauspisteen MP3 mittauksen näyteväli on ollut yksi minuutti. Muissa mittauspisteessä näyteväli on ollut yksi sekunti, mikä selittää ”tiheämmän” viivan.

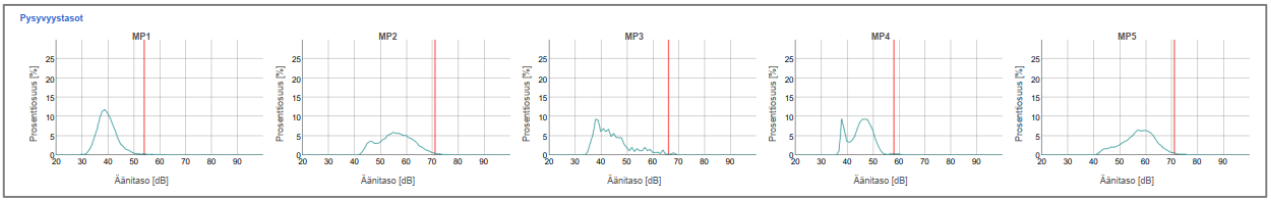
Äänitasokuvaajien korrelaatio vaihtelee eri päivien kesken vallinneen sääolosuhteen ja todennäköisesti myös osittain ratatoiminnan mukaan. Lisäksi taustamelun voimakkuus ja ajallinen vaihtelu vaihtelee eri päivien välillä. Voimakkaamman taustamelun aikana ratamelu ei erotu yhtä selvästi äänitasokuvaajasta kuin hiljaisemman taustamelun aikana.

4.2 Maksimiäänitasojen tarkastelu

Mittausdatasta määritettiin äänitason pysyvyystasot $L_{AF,1\%}$, $L_{AF,5\%}$ ja $L_{AF,50\%}$ sekä $L_{AF,60dB}$, $L_{AF,65dB}$ ja $L_{AF,70dB}$. Esimerkiksi 1 %:n pysyvyystaso tarkoittaa äänitasoa, joka ylittyy 1 %:n ajan mittausjakson aikana. Esimerkiksi 10 tunnin eli 600 minuutin mittausjaksolla $L_{AF,1\%}$ vastaa äänitasoa, jota suurempi äänitaso on ollut kuuden (6) minuutin ajan. Vastaavasti esimerkiksi pysyvyystaso $L_{AF,60dB}$ tarkoittaa prosenttiosuutena aikaa, jolloin äänitaso L_{AF} on ollut yli 60 dB. Pysyvyystasojen $L_{AF,5\%}$ ja $L_{AF,50\%}$ merkitys tulosten tarkastelun kannalta arvioitiin 1 %:n pysyvyystasoa vähäisemmäksi ja toisaalta liian suuri määrä tuloksia todennäköisesti enemmän hankaloittaa kokonaiskuvan muodostamista kuin edesauttaa siinä. Näin ollen pysyvyystasojen $L_{AF,5\%}$ ja $L_{AF,50\%}$ tuloksia ei esitetä raportissa.

Kuvassa 3 on esitetty esimerkkinä yhdeltä meluisan toiminnan päivältä (sama kuin kuvassa 2) määritetyt äänitasojakaumat ympäristön mittauspisteissä. Kuvaajiin on merkitty punaisella pystyviivalla 1 %:n pysyvyystasoa vastaavan äänitason kohta. Kaikkien pisteiden osalta 1 %:n pysyvyystason voidaan katsoa kuvaavan mitatun äänitason ”enimmäisäänitasoa”.

Käyttämällä maksimiäänitason tarkasteluun pysyvyystasoa $L_{AF,1\%}$, kuvaa määritetty tulos todennäköisemmin ratatoiminnan aiheuttamaa melutasoa kuin esimerkiksi jokaiselle tunnille määritetyn maksimiäänitason käyttö. Häiriömelupiikit osana mittausdataa vaikuttavat pysyvyystason suuruuteen, mutta yksittäisiä absoluuttisesti suuria häiriömelupiikkien arvoja ei sellaisenaan esitetä ratatoiminnan aiheuttamaksi maksimimelutasoksi.



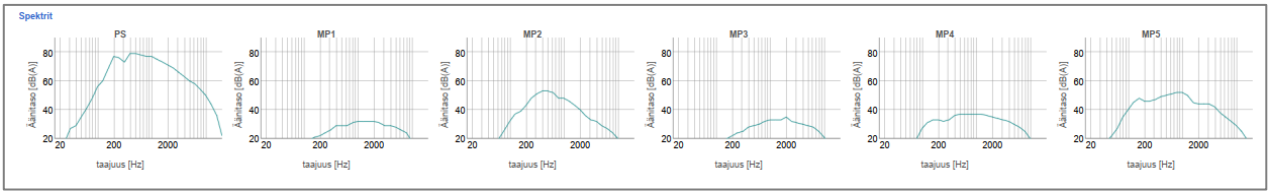
Kuva 3. Esimerkki yhden päivän äänitasojakaumasta eri mittauspisteissä. Vaaka-akselilla on äänitaso ja pystyakselilla äänitason prosenttiosuus kokonaisajasta. Punainen viiva on 1 %:n pysyvyystason kohdalla. Punaisen viivan oikealle puolelle jäävä pinta-ala on 1 % kuvaajan alapuolisesta kokonaisalasta.

4.3 Keskiäänitasojen tarkastelu

Mittausdatasta määritettiin kaikilta päiviltä mittauspistekohtaiset toiminta-ajan keskiäänitasot ($L_{Aeq,9–18}$) ja toiminnan ulkopuolisen ajan keskiäänitasot. Ratatoiminnan aiheuttamien keskiäänitasojen arvioinnissa on huomioitu äänitasokuvaajien korrelaatio radalla mitatun äänitason kanssa sekä poistettu tarvittaessa ja mahdollisuuksien mukaan mahdollisia häiriööääniä.

4.4 Melun kapeakaistaisuuden määritys

Kaikissa mittauspisteissä vähintään osana mittauspäivistä tallennettiin myös äänen taajuussisältö terssikaistoittain. Taajuussisällön perusteella voidaan arvioida melun kapeakaistaisuutta. Kuvassa 4 on esitetty esimerkkinä yhdeltä meluisan toiminnan päivältä määritetyt taajuusjakaumat mittauspisteissä. Taajuusjakauma on esitetty käyttäen terssikaistoittain mitattuja tarkastelujakson keskiäänitasoja.



Kuva 4. Esimerkki taajuusjakaumasta eli spektristä eri mittauspisteissä. Vaaka-akselilla on äänen taajuus terssikaistoittain ja pystyakselilla keskiäänitaso kyseisellä terssikaistalla.

4.5 Sääolosuhteiden vaikutus

Tulosten analysoinnissa määritettiin mittauspisteittäin päivät, joiden aikana sääolosuhteet olivat mittausohjeen mukaiset. Tuloksia ei ole kuitenkaan karsittu tai lajiteltu tämän tiedon perusteella, koska mittaus tehtiin jatkuvatoimisena koko ajokauden kestävänä. Osa päivistä, joina ympäristössä mitattu äänitaso korreloi selvästi radalla mitatun äänitason kanssa, on sellaisia, joina sääolosuhteet eivät ole olleet mittausohjeen mukaiset. Näitä päiviä ei siis ole hylätty tarkastelusta ja luvussa 5 esitettävistä tuloksista.

Ympäristömelun mittausohjeessa mittausajankohdan sääolosuhdevaatimukset on esitetty erityisesti yksittäisiä mittauskäyntejä varten, jotta yhdestä tai muutamasta näytteestä määritetty tulos olisi mahdollisimman edustava. Jatkuvatoimisen mittauksen tulos edustaa sellaisenaan kyseisen mitatun kauden todellista tilannetta.

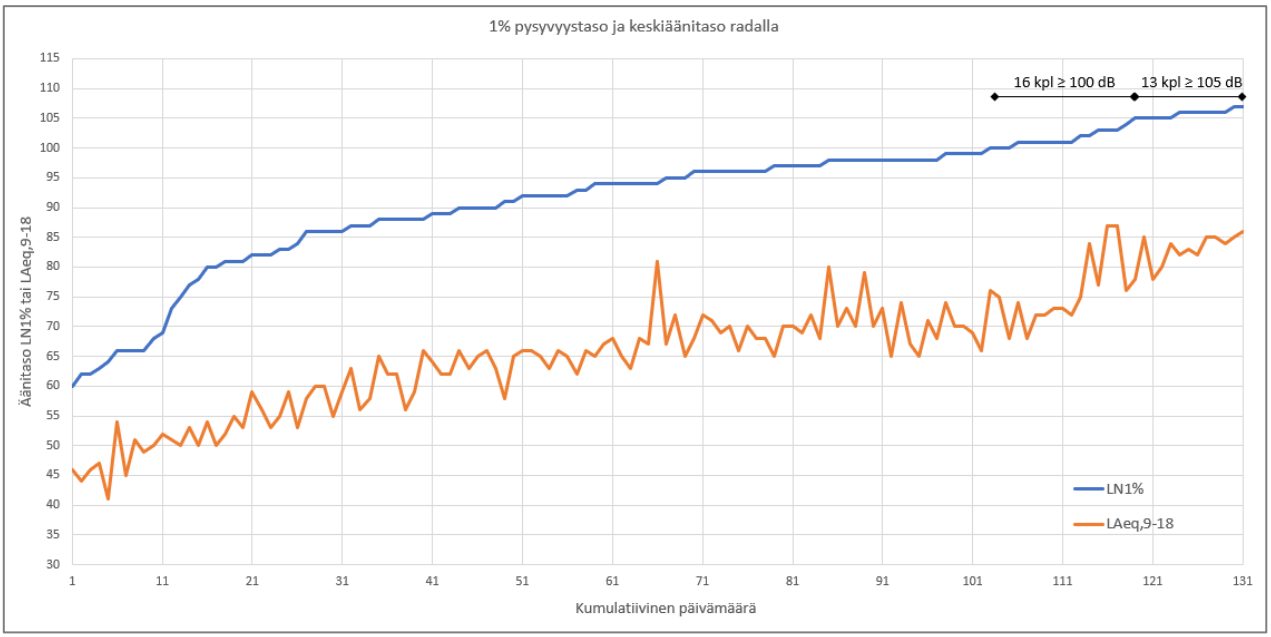
5 MITTAUSTULOKSET

5.1 Melutaso pääsuoralla

Pääsuoran mittauspisteessä mitatut päiväkohtaiset toiminta-ajan keskiäänitasot ja 1 %:n pysyvyystasot on esitetty kuvassa 5 pysyvyystason mukaan suuruusjärjestykseen järjestettyinä. Kuvasta on havaittavissa, että noin kahtenakymmenenä meluisimpana päivänä keskiäänitasossa tapahtuu (selkeä) tason nousu, mikä johtuu suuremmasta ajoneuvojen määrästä ja/tai ajallisesti suuremmasta ajon määrästä.

Pääsuoralla mitatuista **131** päivästä

- **13** on sellaisia, joina **1 %:n pysyvyystaso** radalla on ollut **vähintään 105 dB**
- **16** on sellaisia, joina **1 %:n pysyvyystaso** radalla on ollut **100 dB…105 dB**
- **8** on sellaisia, joina toiminta-ajan (klo 9–18) **keskiäänitaso** radalla on ollut **vähintään 85 dB**
- **9** on sellaisia, joina toiminta-ajan (klo 9–18) **keskiäänitaso** radalla on ollut **80…85 dB**.



Kuva 5. Pysyvyystason mukaan nousevasti järjestetyt pääsuoralla mitatut pysyvyystason $L_{AF,1\%}$ ja keskiäänitason $L_{Aeq,9–18}$ arvot.

5.2 Maksimiäänitaso

Ympäristön mittauspisteissä mitattuihin maksimitasoihin liittyvät tulokset on koottu taulukkoon 1.

Taulukko 1. Mittaustulosten koonti, maksimitasot

	MP1	**MP4**	**MP2**	**MP3**	**MP5**
Etäisyys radasta	730 m	340 m	550 m	670 m	70 m
Mitattuja päiviä kaudella 2022 oli	**146 kpl**	**138 kpl**	**141 kpl**	**161 kpl**	**50 kpl**
Päivien lukumäärä, joina 1 %:n pysyvyystaso ylitti arvon 60 dB **kaikki ympäristön melu huomioon ottaen**	33 kpl	30 kpl	86 kpl	127 kpl	38 kpl
Päivien lukumäärä, joina äänitaso korreloi radalla mitatun äänitason kanssa	**20 kpl**	**20 kpl**	**36 kpl**	**15 kpl**	**11 kpl**
Päivien lukumäärä, joina 1 %:n pysyvyystaso ylitti arvon 75 dB **todennäköisesti ratamelusta johtuen**	0 kpl	0 kpl	0 kpl	0 kpl	0 kpl
Päivien lukumäärä, joina 1 %:n pysyvyystaso oli 70…75 dB **todennäköisesti ratamelusta johtuen**	0 kpl	0 kpl	6 kpl	0 kpl	3 kpl
Päivien lukumäärä, joina 1 %:n pysyvyystaso oli 65…70 dB **todennäköisesti ratamelusta johtuen**	2 kpl	3 kpl	5 kpl	4 kpl	4 kpl
Päivien lukumäärä, joina 1 %:n pysyvyystaso oli 60…65 dB **todennäköisesti ratamelusta johtuen**	2 kpl	2 kpl	14 kpl	8 kpl	4 kpl
YHTEENSÄ yli 60 dB päiviä	**4 kpl**	**5 kpl**	**25 kpl**	**12 kpl**	**11 kpl**
Suurin mitattu ja todennäköisesti radalta aiheutunut **1 %:n pysyvyystaso ($L_{AF,1\%}$)**	**67 dB**	**70 dB**	**74 dB**	**69 dB**	**72 dB**
Suurin mitattu ja todennäköisesti radalta aiheutunut **hetkellinen enimmäistaso (L_{AFmax})**	**~77 dB** (20.8.)	**~78 dB** (20.8.)	**~79 dB** (10.8.)	**~76 dB** (20.8.)	**~78 dB** (18.9.)
Korreloivien päivien radalla mitatun ja tarkastelupisteessä mitatun 1 %:n pysyvyystason keskimääräinen ero. Likimääräinen vaihteluväli sulkeissa.	46 dB (±8 dB)	46 dB (±10 dB)	38 dB (±9 dB)	39 dB (±7 dB)	35 dB (±7 dB)

5.3 Keskiäänitaso

Ympäristön mittauspisteissä mitattuihin keskiäänitasoihin liittyvät tulokset on koottu taulukkoon 2.

Taulukko 2. Mittaustulosten koonti, keskiäänitasot

	MP1	**MP4**	**MP2**	**MP3**	**MP5**
Etäisyys radasta	730 m	340 m	550 m	670 m	70 m
Mitattuja päiviä kaudella 2022 oli	**146 kpl**	**139 kpl**	**141 kpl**	**161 kpl**	**81 kpl**
Päivien lukumäärä, joina klo 9–18 välinen keskiäänitaso ylitti arvon 55 dB **kaikki ympäristön melu huomioon ottaen**	33 kpl	30 kpl	86 kpl	127 kpl	10 kpl
Päivien lukumäärä, joina äänitaso korreloi radalla mitatun äänitason kanssa	**20 kpl**	**20 kpl**	**36 kpl**	**15 kpl**	**27 kpl**
Päivien lukumäärä, joina keskiäänitaso $L_{Aeq,9–18}$ ylitti arvon 55 dB **todennäköisesti ratamelusta johtuen**	0 kpl	1 kpl	6 kpl	0 kpl	8 kpl
Selvän korrelaation päiviltä määritetty **toiminta-ajan keskiäänitasojen keskiarvo**	**48 dB**	**50 dB**	**53 dB**	**45 dB**	**56 dB**
Suurin mitattu ja todennäköisesti radalta aiheutunut **toiminta-ajan keskiäänitaso**	55 dB	58 dB	59 dB	52 dB	60 dB

5.4 Melun kapeakaistaisuus

Pääsuoralla ja ympäristön tarkastelupisteissä mitattujen taajuusvasteiden perusteella ratatoiminnasta ympäristön tarkastelupisteisiin aiheutuva ääni ei ole kapeakaistaista. Ajoittaiset kapeakaistaisuudet ympäristön tarkastelupisteissä on osoitettavissa aiheutuneen muusta kuin tarkasteltavasta ratatoiminnasta.

5.5 Melualueet

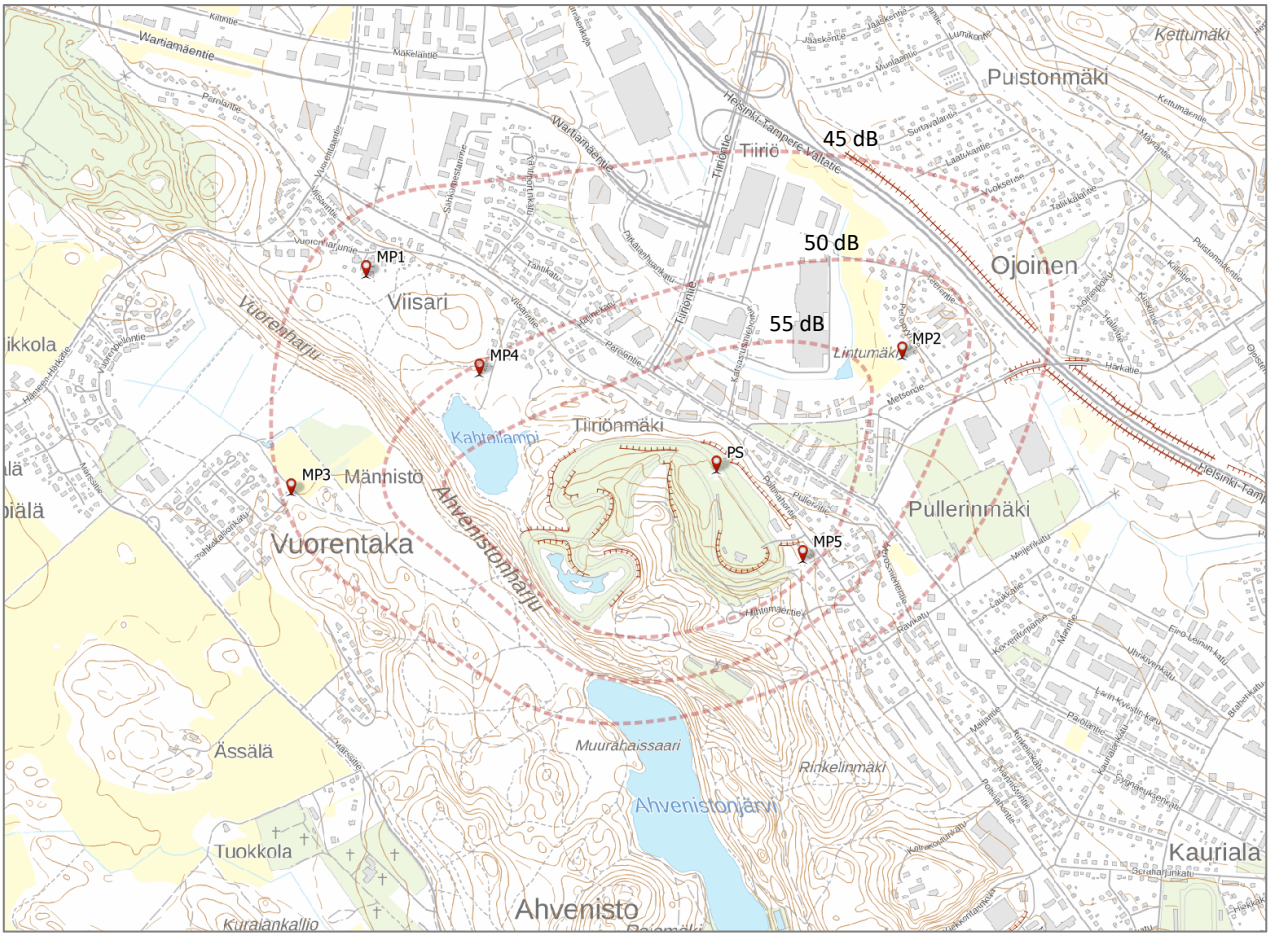
Kilpailu- ja harjoitustoiminnan aikaisen melun leviämisalueen laajuuden määrittäminen mittaustulosten avullakin on haasteellista alueen vaihdellessa hyvin voimakkaasti riippuen ratatoiminnasta ja erityisesti sääolosuhteista.

Kuvassa 6 on hahmoteltu mittaustulosten ja karttatarkastelun perusteella ratatoiminnasta aiheutuvan melun leviämistä radan ympäristöön 1 %:n pysyvyystason $L_{AF,1\%}$ avulla ns. pahimmassa mahdollisessa tilanteessa, jossa sekä sääolosuhteet ovat suotuisat että radan melupäästö on meluisimpien päivien mukainen. Kuvassa on esitetty suuntaa antavat rajaukset, joista uloimman ulkopuolella radalta aiheutuvien äänitasojen voidaan suotuisimmissakin olosuhteissa arvioida olevan yli 99-prosenttisesti alle 65 dB ja sisemmän rajauksen ulkopuolella yli 99-prosenttisesti alle 70 dB. Huomioitavaa on, että rajausten sisäpuolella suurin osa ratatoimintapäivistäkin on sellaisia, joina yhden prosentin pysyvyystaso on selvästi aluerajauslukuarvoa pienempi. Esimerkiksi aluerajauksen 70 dB sisäpuolella olevalla mittauspisteellä MP2 mitattiin koko kauden 2022 aikana ainoastaan 25 päivänä yli 60 dB:n maksimitaso ($L_{AF,1\%}$) eikä yhtenäkään päivänä yli 75 dB:n maksimitasoa ($L_{AF,1\%}$).



Kuva 6. Hahmotelma maksimitason $L_{AF,1\%}$ melualueista (tilanne meluisimpina päivinä suotuisassa sääolosuhteessa).

Kuvassa 7 on vastaavasti hahmoteltu mittaustulosten ja karttatarkastelun perusteella ratatoiminnasta aiheutuvan keskiäänitason $L_{Aeq,9–18}$ alueita. Alueiden määrityksessä on käytetty taulukossa 2 esitettyjä selvästi korreloivien päivien mittaustulosten keskiarvoa kussakin mittauspisteessä.



Kuva 7. Hahmotelma keskiäänitason $L_{Aeq,9–18}$ melualueista.

6 MAHDOLLISTEN UUSIEN MELUNTORJUNTATOIMENPITEIDEN ARVIOINTI

Mahdollisia meluntorjuntatoimenpiteitä on tarkasteltu laskennallisen melumallinnuksen avulla vuonna 2021. Alla esitetty tarkastelu on kopioitu vuoden 2021 raportista PR5482-Y01 (30.4.2021, Promethor Oy).

”Mallinnus tehtiin laskentaohjelmalla DataKustik Cadna 2021. Laskentaohjelmassa maastomalli muodostetaan kolmiulotteisesti. Toimenpiteinä tarkasteltiin pääsuoran itäpuolelle sijoittuvaa, lähes koko suoran mittaista 3,5 m korkeaa meluaitaa, ja varikkosuoran jälkeisessä nousussa radan yläpuolella olevan verkkomaisen esteen korvaamista ääniteknisesti umpinaisella rakenteella. Laskennallisessa tarkastelussa huomioitiin koko rata-alueen meluntuotto esteen meluntorjuntavaikutusta arvioitaessa.

Mallinnustulosten perusteella verkkomaisen esteen korvaaminen ääniteknisesti umpinaisella rakenteella ei pienennä ratatoiminnan meluvaikutusta ympäristöön käytännössä lainkaan. Laskennallinen vaikutus kaikkialla rata-alueen ympäristössä on noin 0 dB.

Mallinnustulosten perusteella pääsuoran itäpuolelle hahmoteltu noin 200 m pitkä ja 3,5 m korkea meluaita pienentäisi rata-alueen melutasoa noin kuudelle Poltinahontien varressa olevalle kiinteistölle 2…4 dB ja noin 20 muulle kiinteistölle 1...2 dB. Huomioiden myös, että kyseisessä kohdassa on jo nykyisellään kaide, joskin laskennallisesti testattua selvästi matalampi, voidaan toimenpiteen vaikutus arvioida vähäiseksi. Meluaidan toteuttamiskelpoisuutta ei ole tarkasteltu mm. turvallisuusnäkökulmat huomioiden.

Rata-alueen maastomuotojen ja rata-alueen laajuuden vuoksi yksittäisten rata-alueelle tehtävien meluntorjuntatoimenpiteiden vaikutus voidaan arvioida kokonaisuus huomioiden vähäiseksi. Kokonaisuuden huomioimisella tarkoitetaan tässä yhteydessä yksittäisten meluntorjuntatoimenpiteiden vaikutuksen

vähäisyyttä ratatoiminnasta aiheutuvaan melualueen laajuuteen ja toisaalta havaittaviin melutasoihin. Meluntorjuntatoimenpiteellä tarkoitetaan tässä yhteydessä esimerkiksi meluesteen rakentamista yksittäisiin kohtiin rata-alueella.

Sähkömoottorikäyttöisten ajoneuvojen yleistymisen myötä moottoriratatoiminnastakin aiheutuvat meluhaitat tulevat hyvin todennäköisesti pienentymään. Osa Suomessakin ajettavista kilpailuluokista, ja tällöin myös osa harjoitusajosta, tulee tulevaisuudessa hyvin todennäköisesti olemaan sähkömoottoritekniikkaan perustuvia.”

7 LISÄTIETOJA

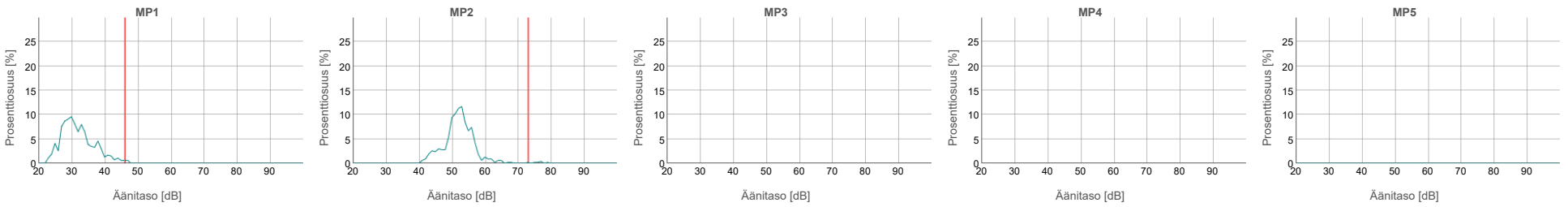
Olli Laivoranta, DI
puh. 041 506 3418
olli.laivoranta@promethor.fi

Jani Kankare, FM
puh. 040 574 0028
jani.kankare@promethor.fi

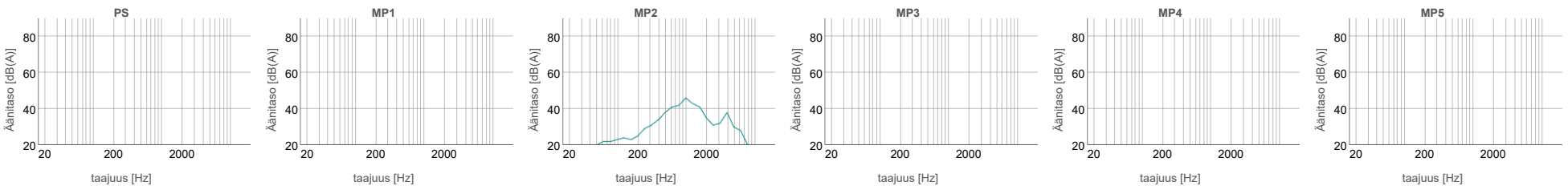
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LAF,5%	-	41	60	-	-	-
LAF,50%	-	31	52	-	-	-
LAF,60dB	- %	0 %	4 %	- %	- %	- %
LAF,65dB	- %	0 %	1 %	- %	- %	- %
LAF,70dB	- %	0 %	1 %	- %	- %	- %
LAeq	-	28	50	-	-	-

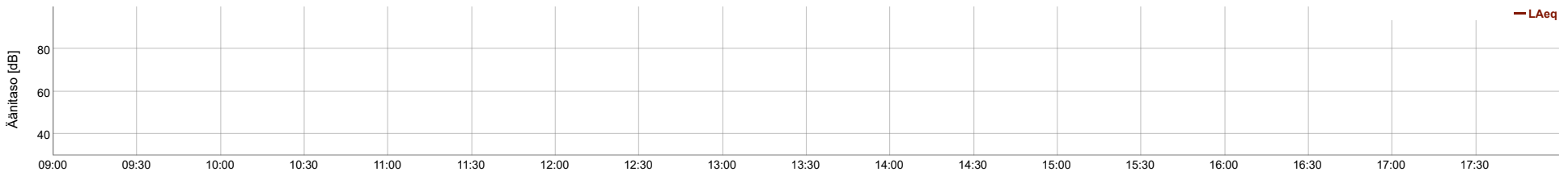
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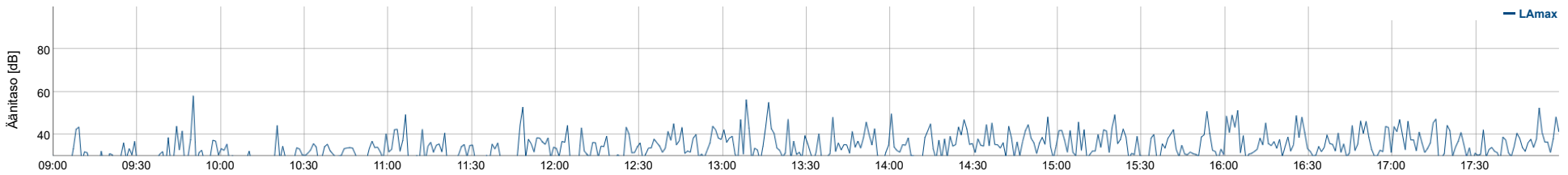
Spektrit



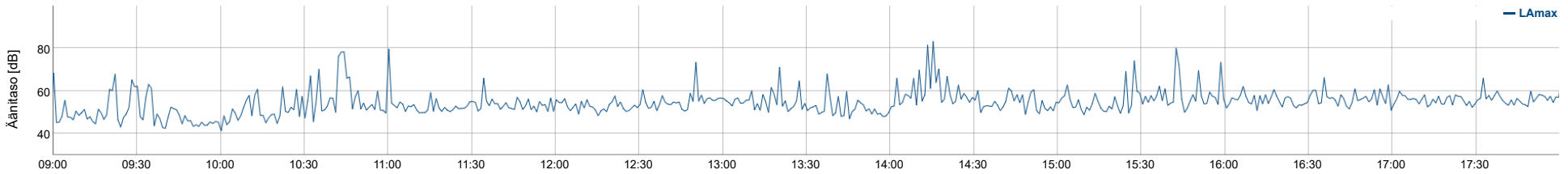
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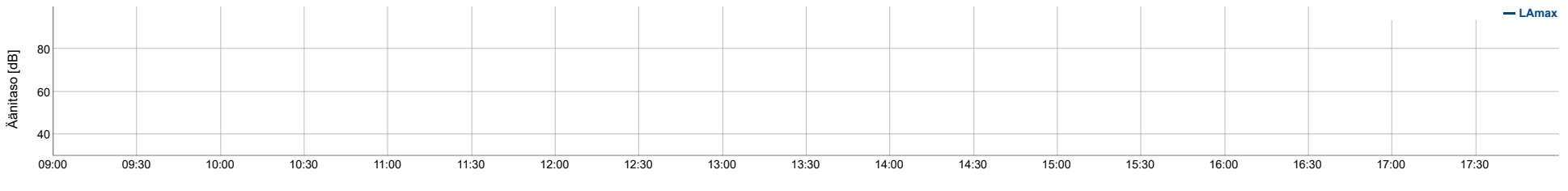
MP1



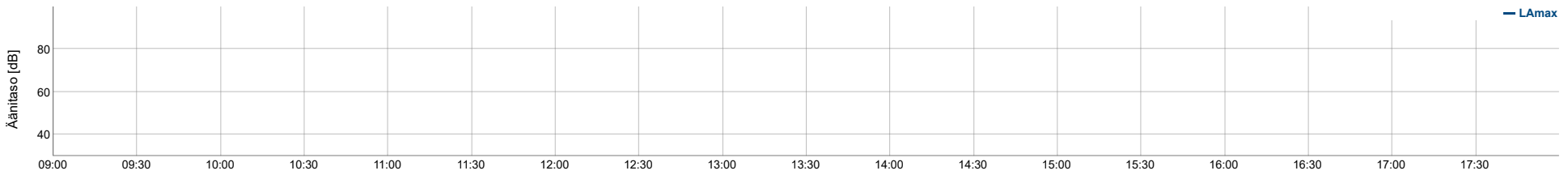
MP2



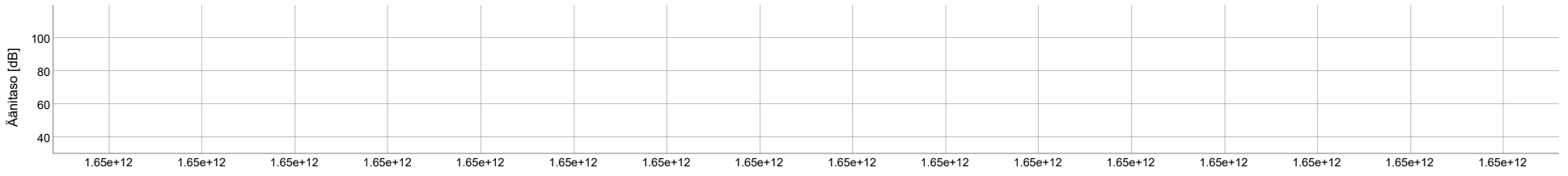
MP3



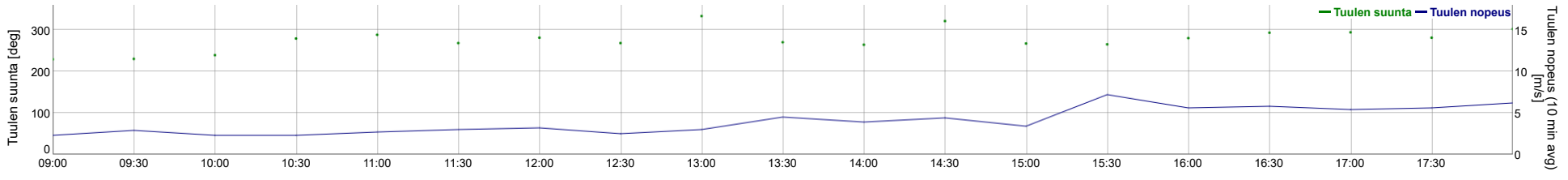
MP4



MP5



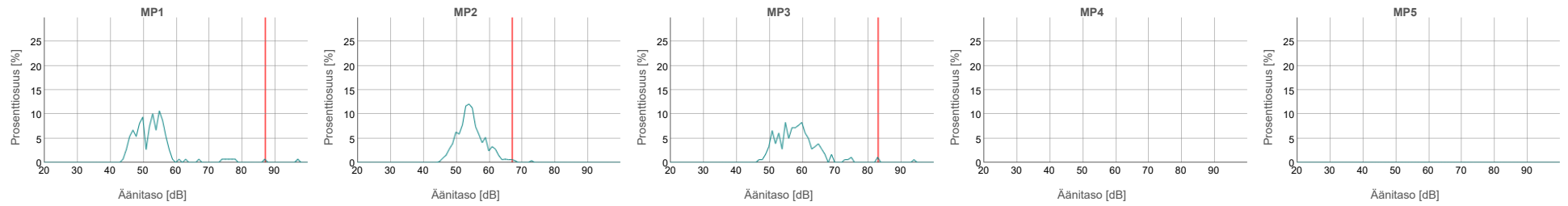
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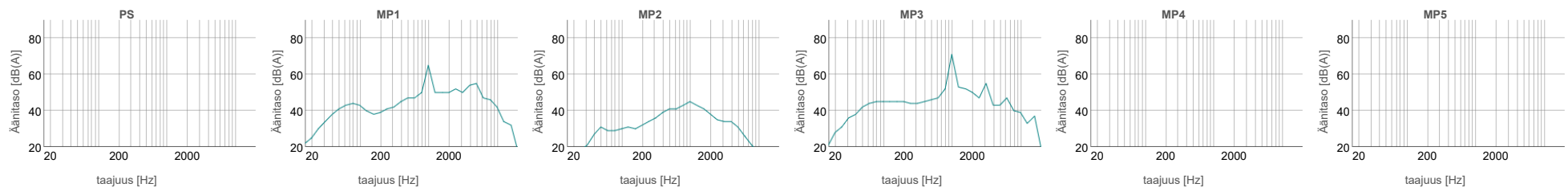
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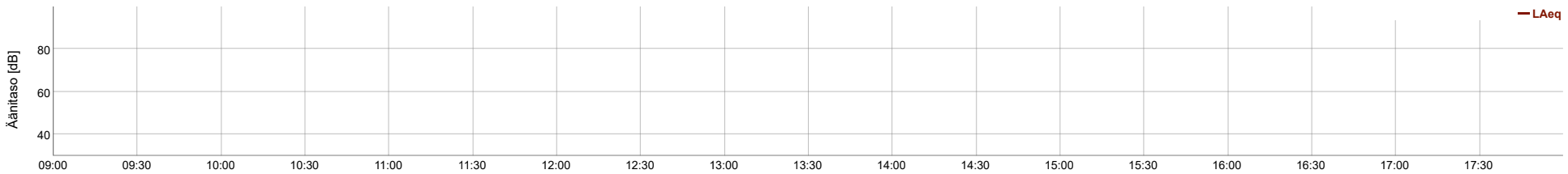
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LAF,1%	-	87	67	83	-	-
LAF,5%	-	67	62	69	-	-
LAF,50%	-	53	54	58	-	-
LAF,60dB	- %	6 %	11 %	35 %	- %	- %
LAF,65dB	- %	5 %	1 %	11 %	- %	- %
LAF,70dB	- %	4 %	0 %	3 %	- %	- %
LAeq	-	69	52	65	-	-

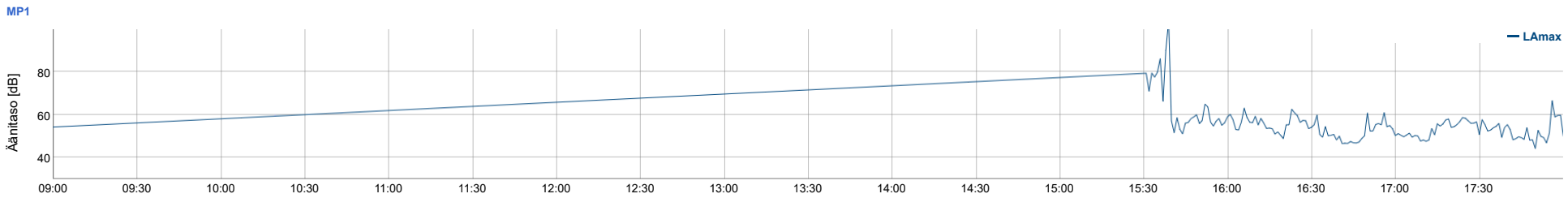
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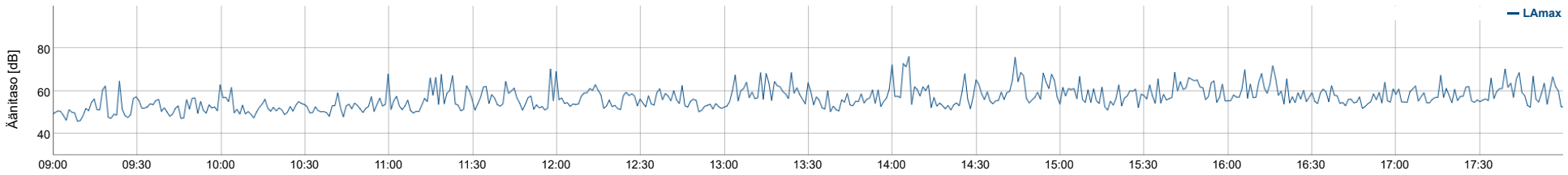


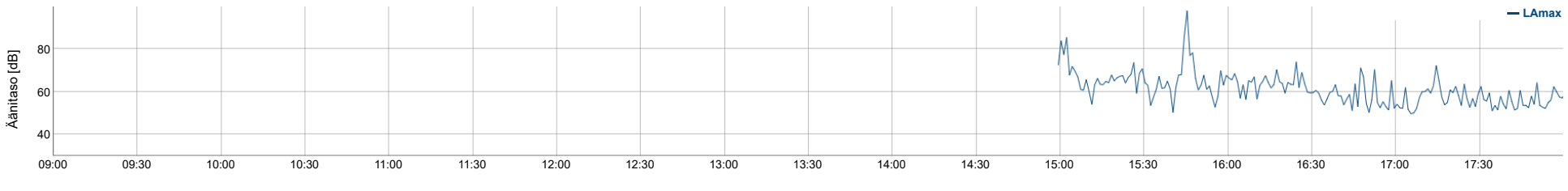
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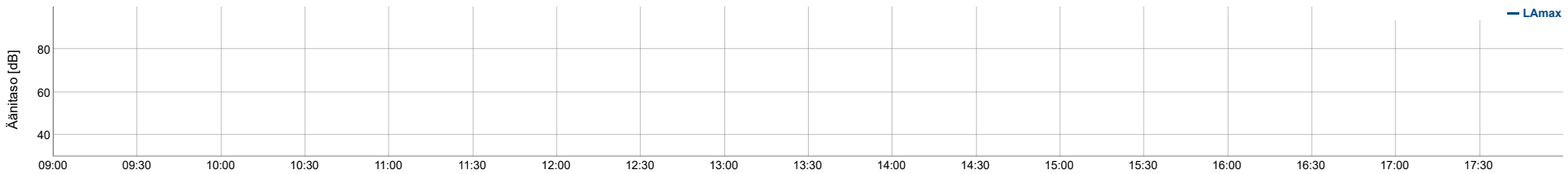


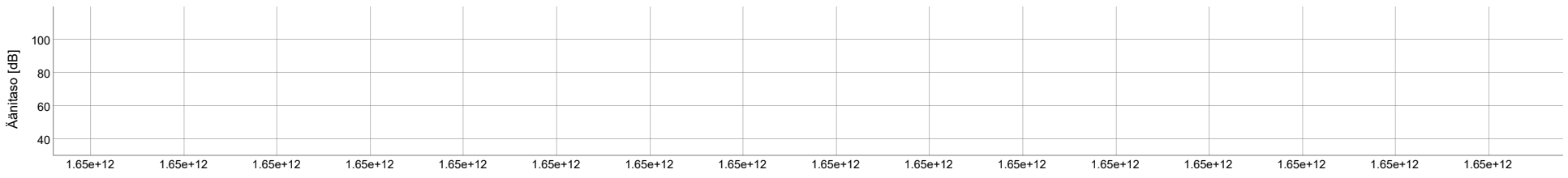




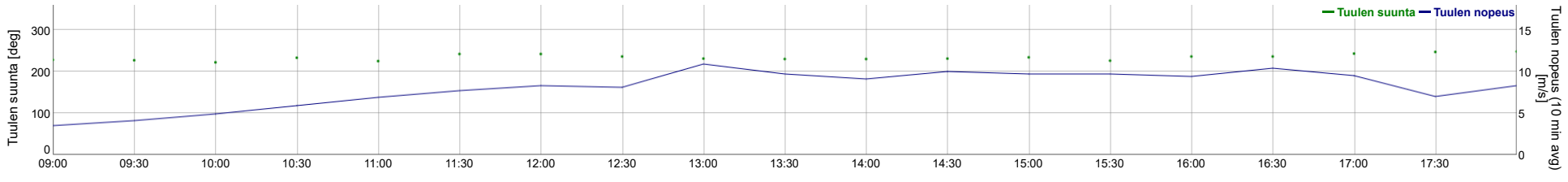








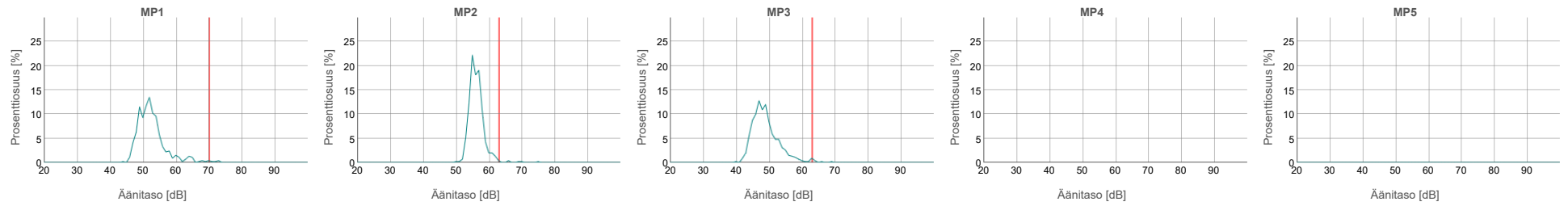
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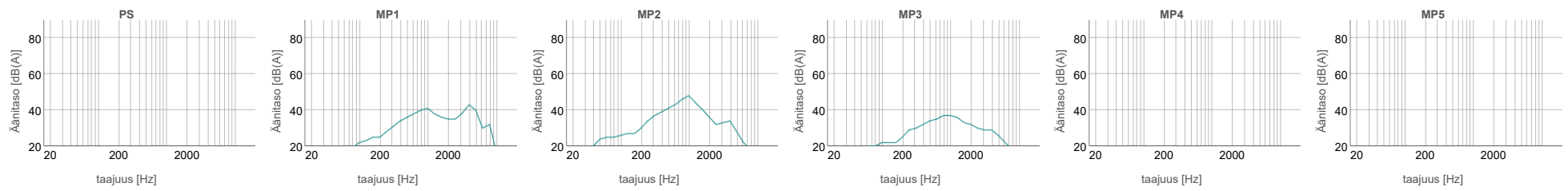
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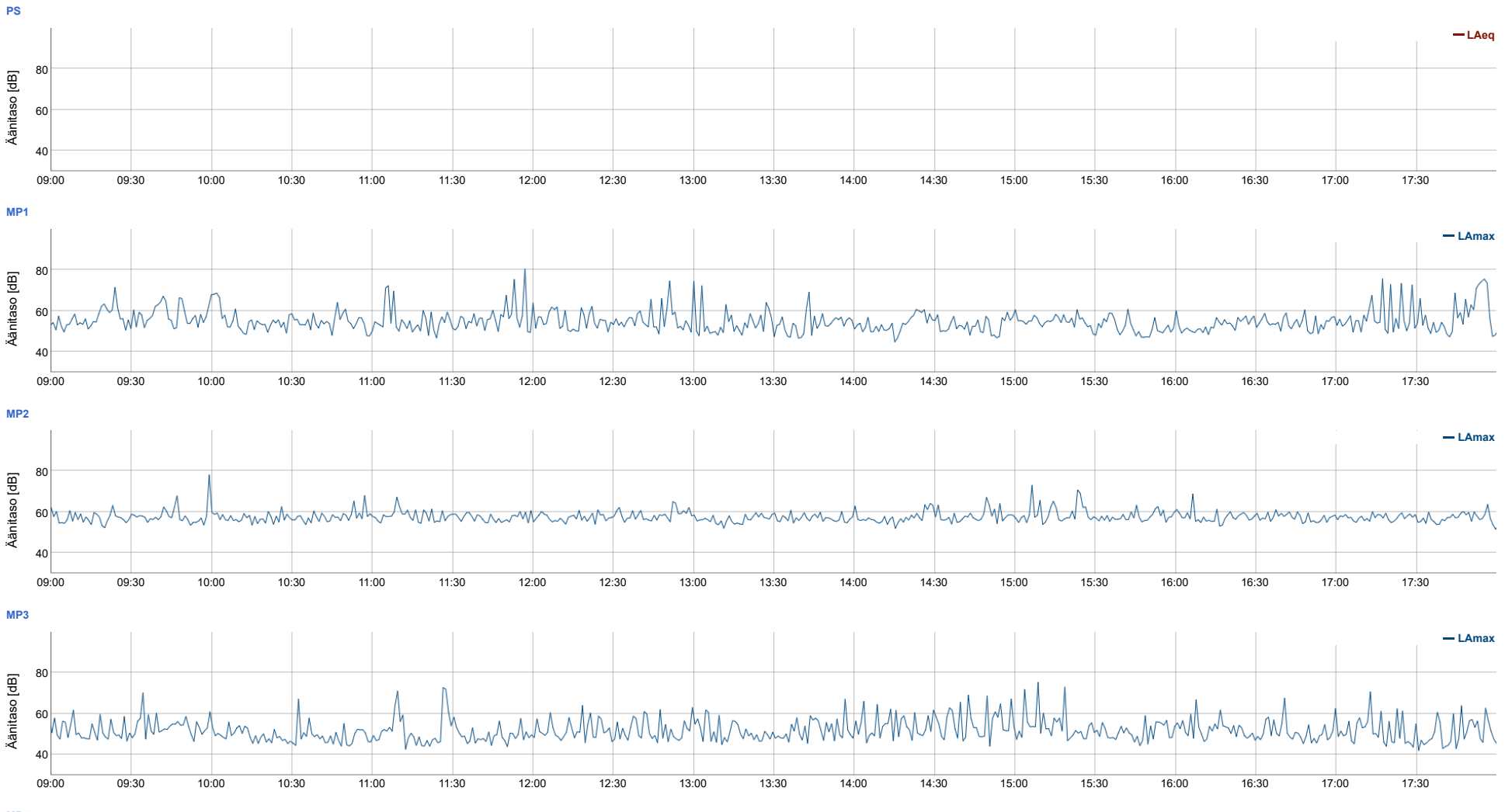
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LAF,1%	-	70	63	63	-	-
LAF,5%	-	62	60	57	-	-
LAF,50%	-	52	56	48	-	-
LAF,60dB	- %	6 %	5 %	2 %	- %	- %
LAF,65dB	- %	2 %	0 %	0 %	- %	- %
LAF,70dB	- %	0 %	0 %	0 %	- %	- %
LAeq	-	50	53	46	-	-

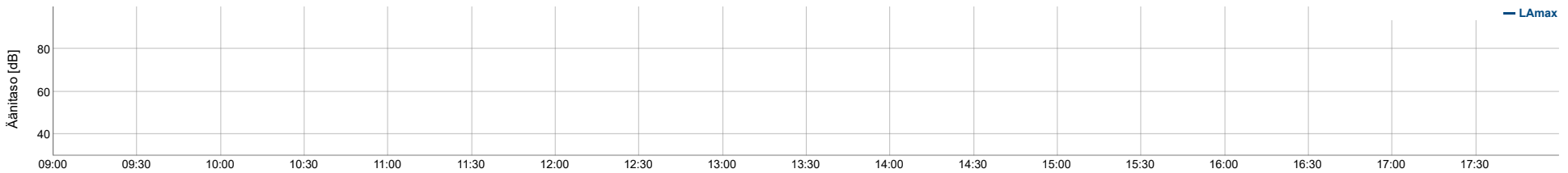
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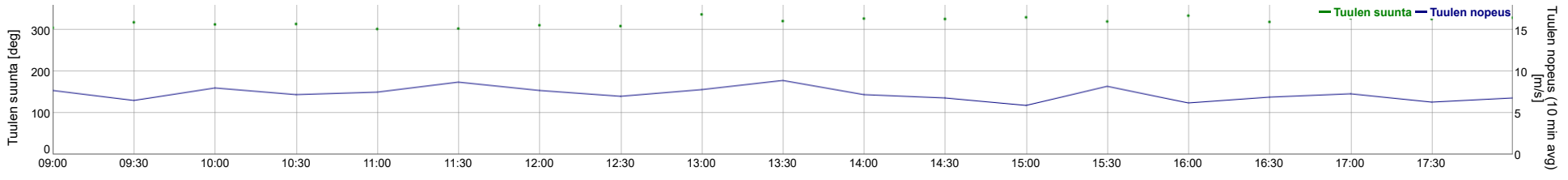
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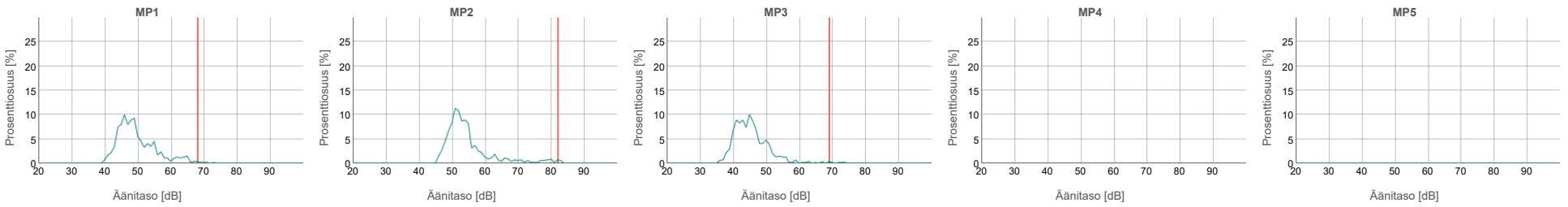
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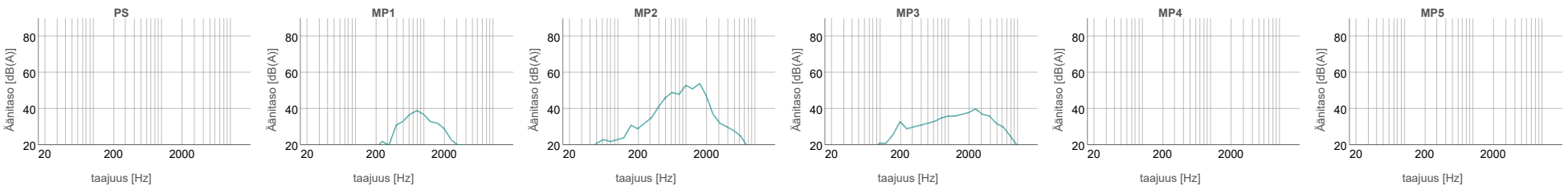
04.05.

0504	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	68	82	69	-	-
LAF,5%	-	63	73	55	-	-
LAF,50%	-	48	53	45	-	-
LAF,60dB	- %	7 %	15 %	2 %	- %	- %
LAF,65dB	- %	2 %	10 %	1 %	- %	- %
LAF,70dB	- %	0 %	6 %	0 %	- %	- %
LAeq	-	46	58	47	-	-

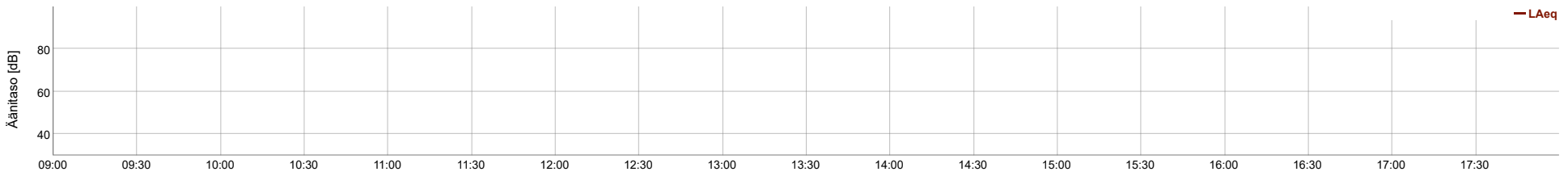
Pysyvyystasot



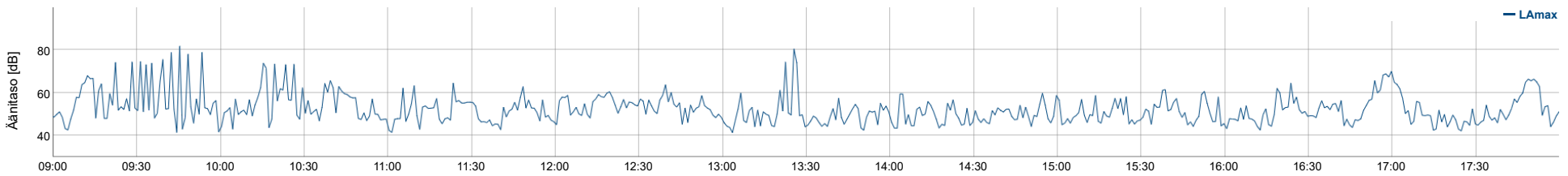
Spektrit



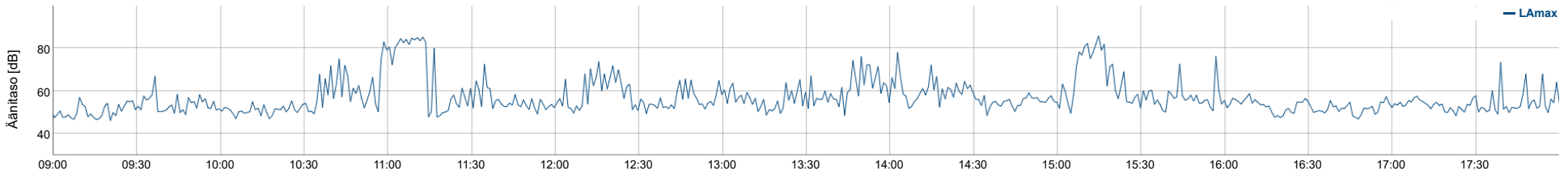
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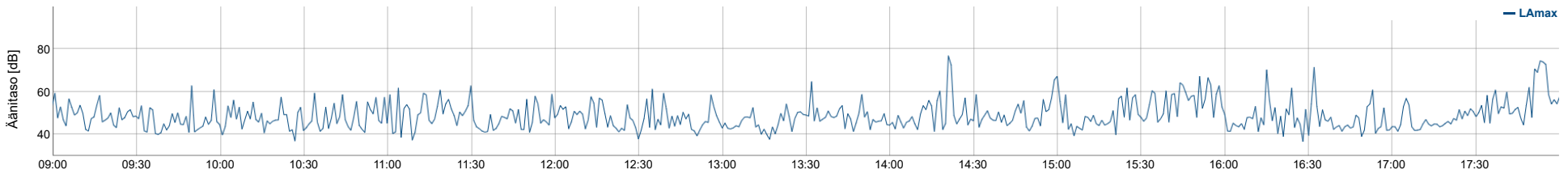
MP1



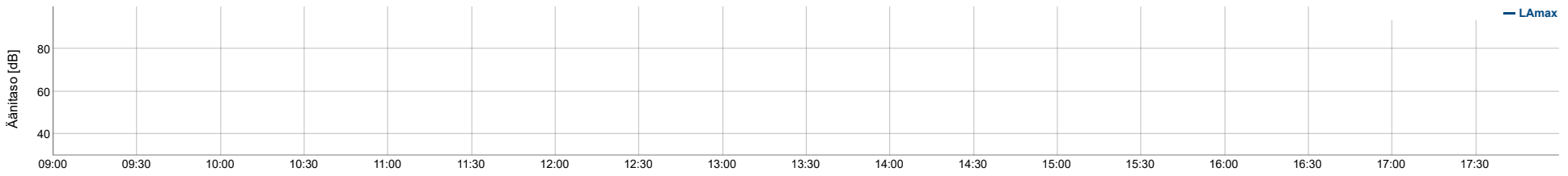
MP2



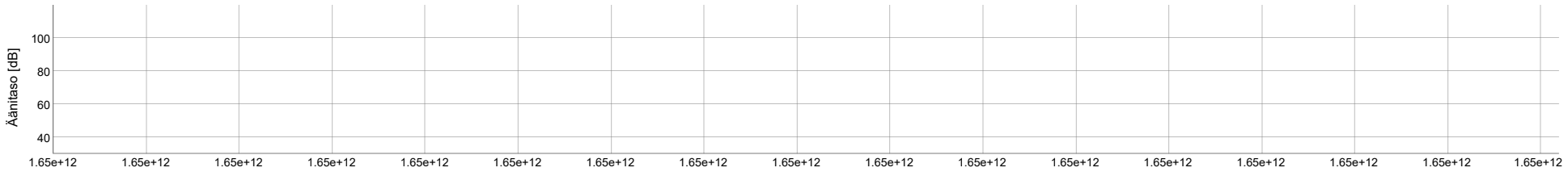
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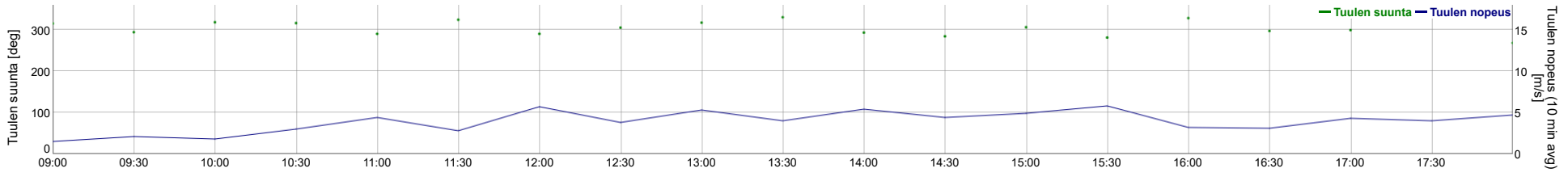
MP4



MP5



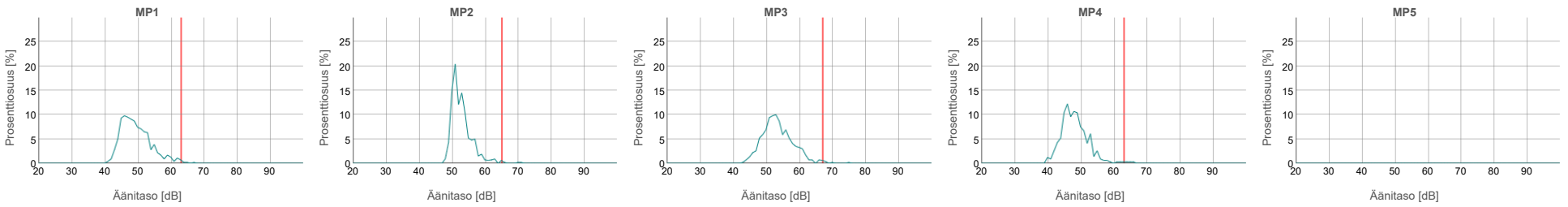
Säähavainnot



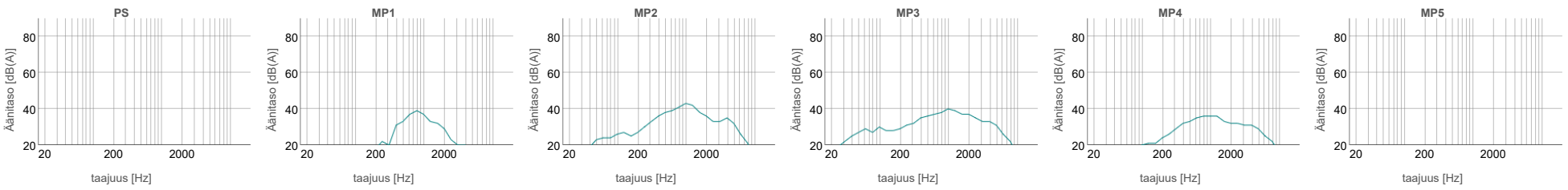
05.05.

0505	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	63	65	67	63	-
LAF,5%	-	59	59	62	55	-
LAF,50%	-	49	52	53	48	-
LAF,60dB	- %	3 %	3 %	8 %	1 %	- %
LAF,65dB	- %	0 %	0 %	1 %	0 %	- %
LAF,70dB	- %	0 %	0 %	0 %	0 %	- %
LAeq	-	45	49	48	45	-

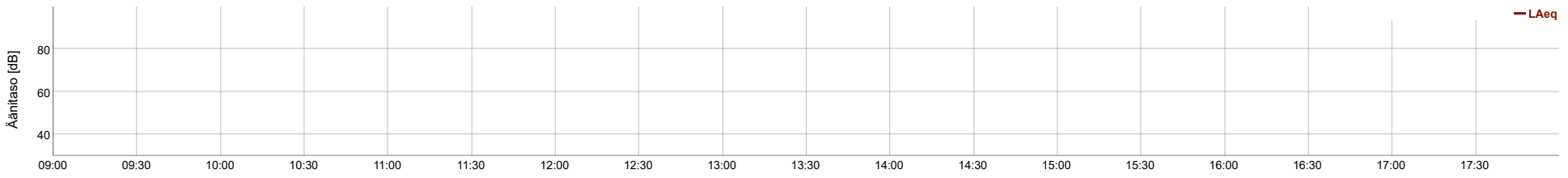
Pysyvyystasot



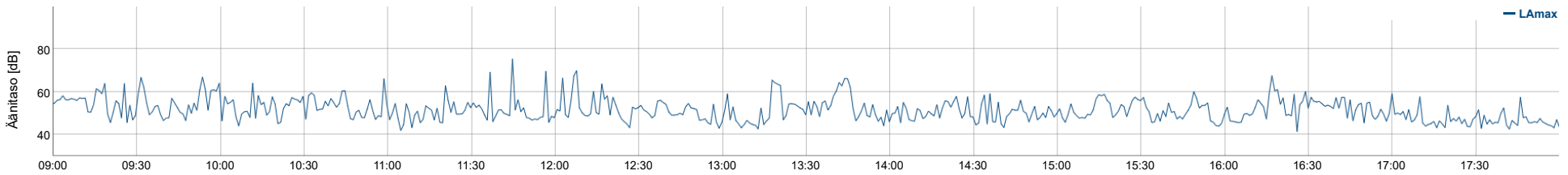
Spektrit



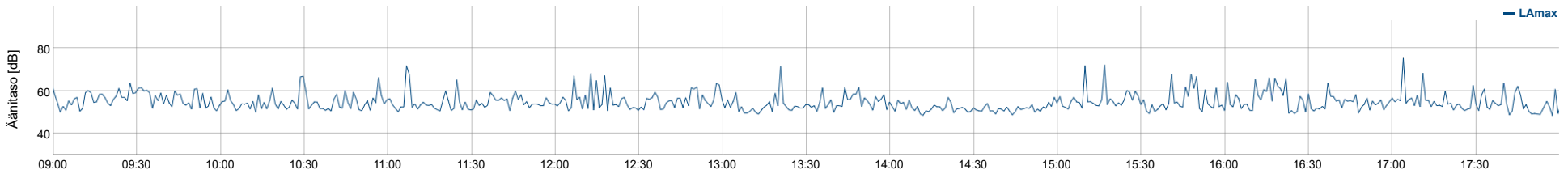
PS



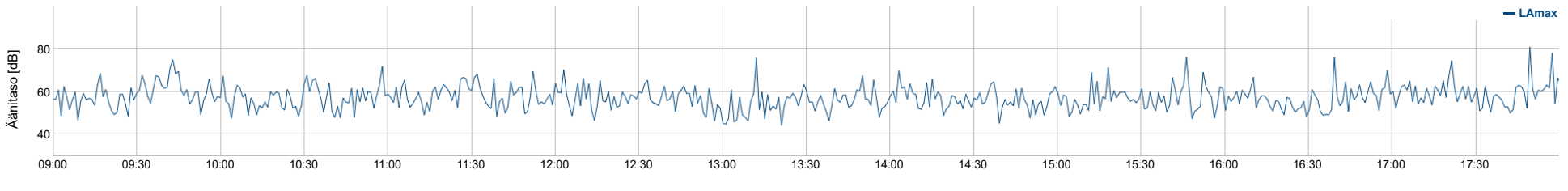
MP1



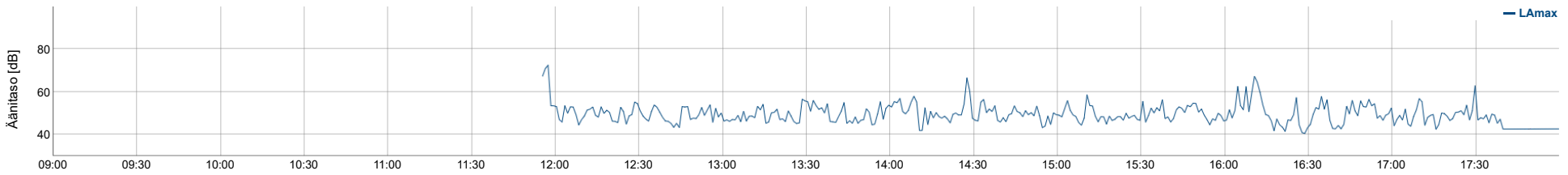
MP2



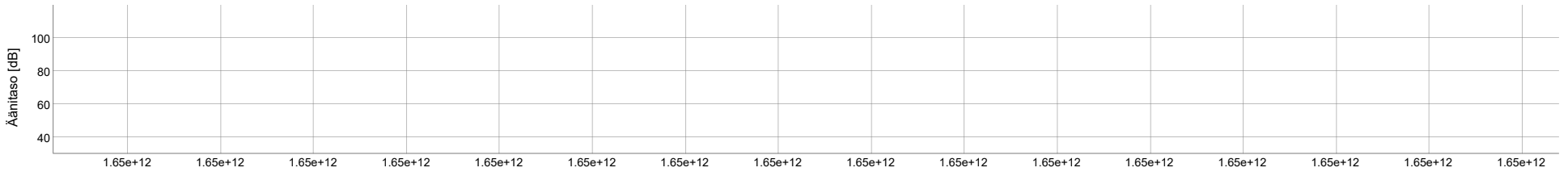
MP3



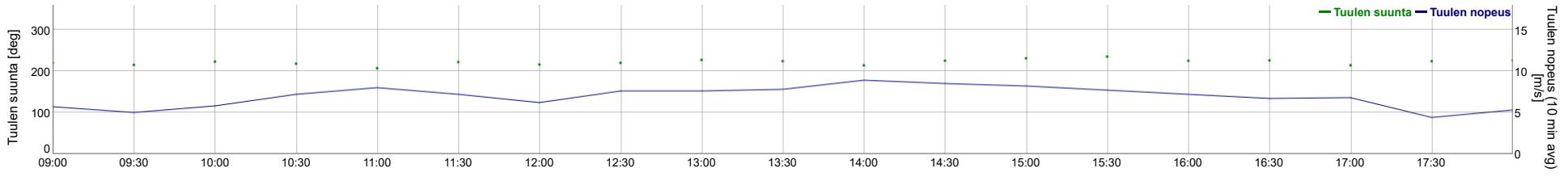
MP4



MP5



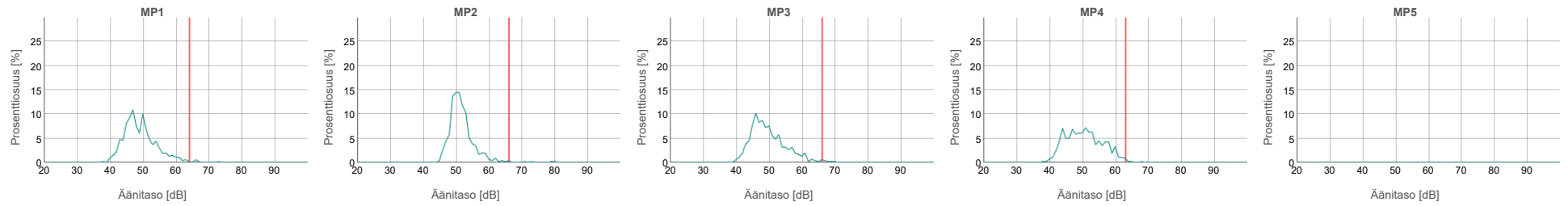
Säähavainnot



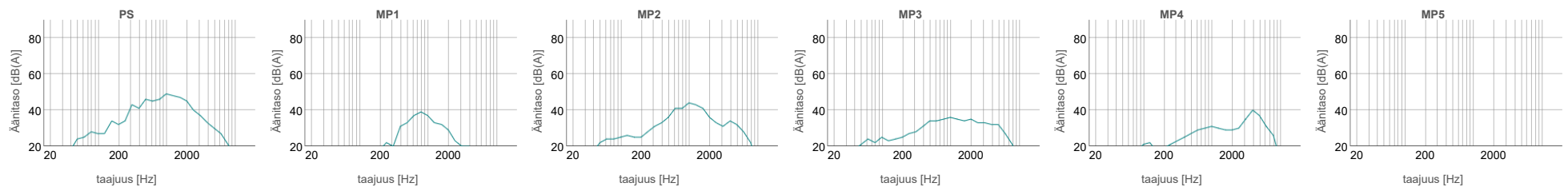
06.05.

0506	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	64	66	66	63	-
LAF,5%	-	59	59	60	60	-
LAF,50%	-	48	51	49	50	-
LAF,60dB	- %	3 %	3 %	5 %	5 %	- %
LAF,65dB	- %	0 %	1 %	1 %	0 %	- %
LAF,70dB	- %	0 %	0 %	0 %	0 %	- %
LAeq	56	45	50	46	45	-

Pysyvyystasot



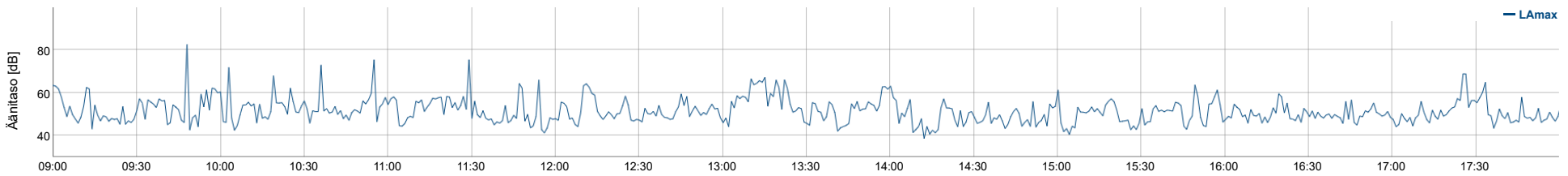
Spektrit



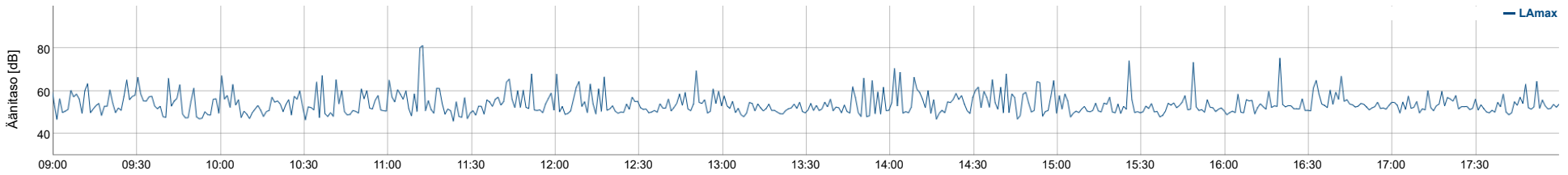
PS



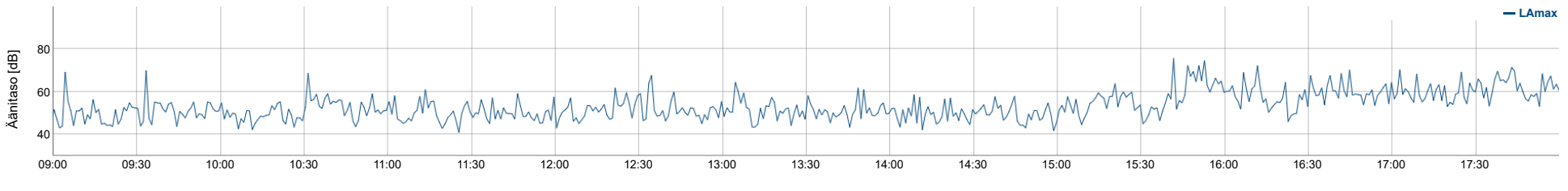
MP1



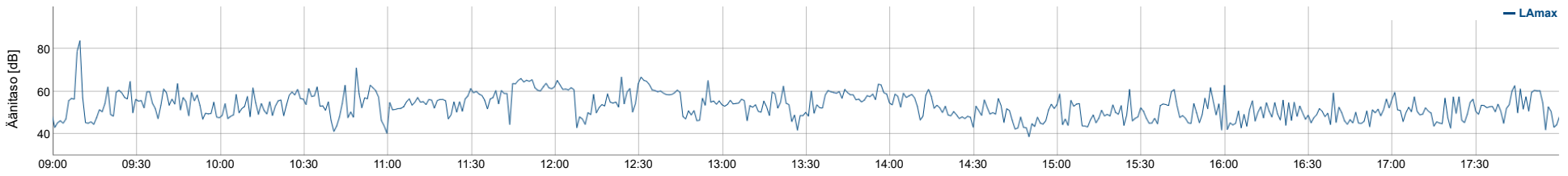
MP2



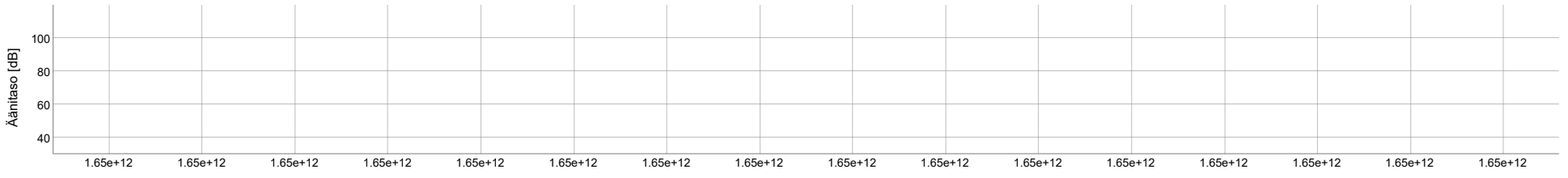
MP3



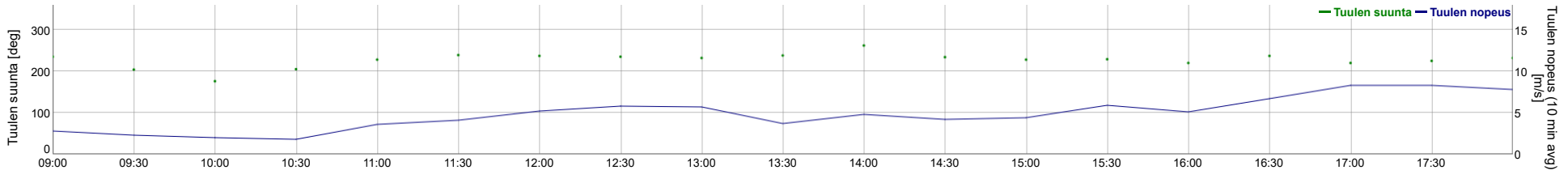
MP4



MP5



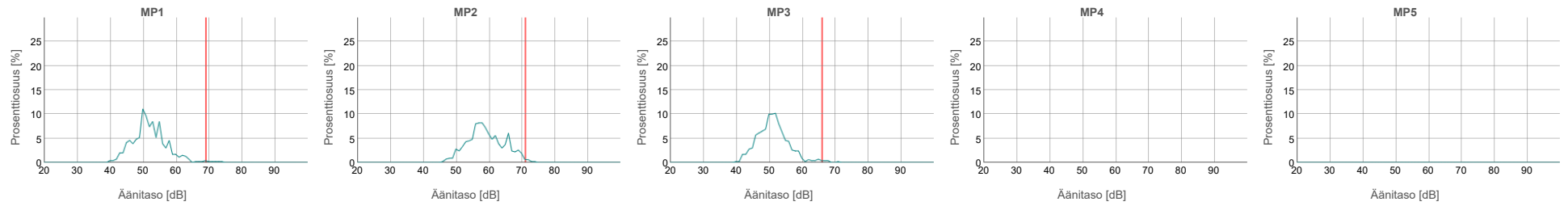
Säähavainnot



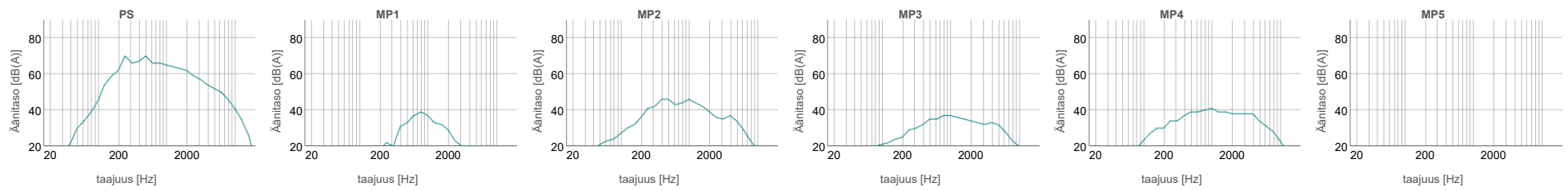
07.05.

0507	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	69	71	66	-	-
LAF,5%	-	62	69	59	-	-
LAF,50%	-	52	59	51	-	-
LAF,60dB	- %	7 %	40 %	3 %	- %	- %
LAF,65dB	- %	1 %	17 %	1 %	- %	- %
LAF,70dB	- %	0 %	1 %	0 %	- %	- %
LAeq	77	48	54	46	-	-

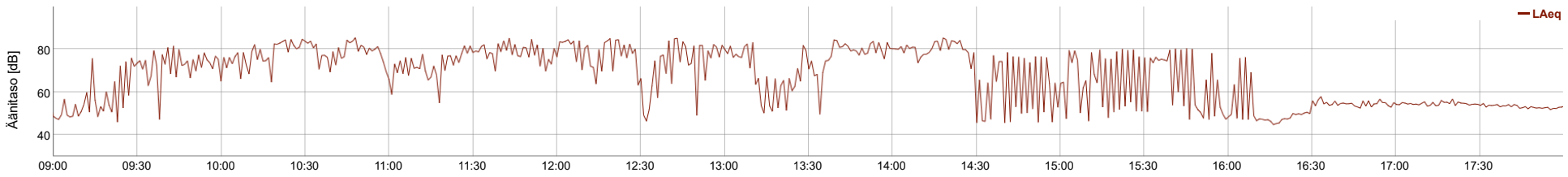
Pysyvyystasot



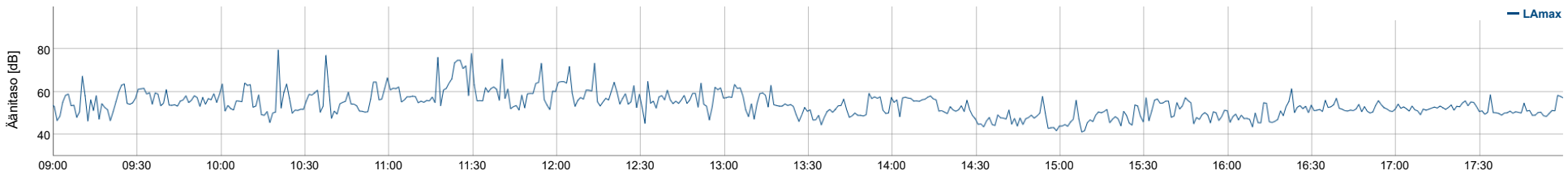
Spektrit



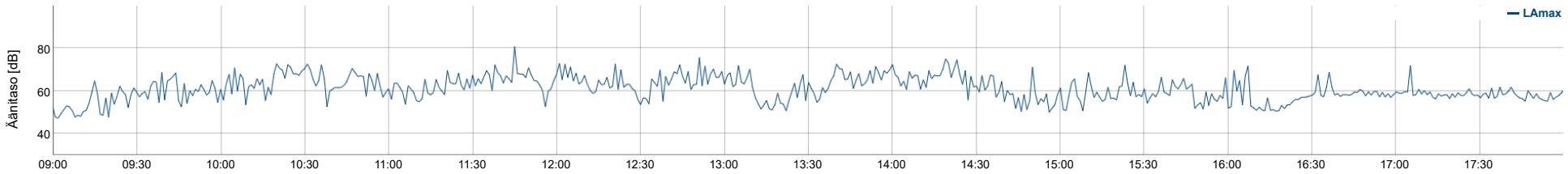
PS



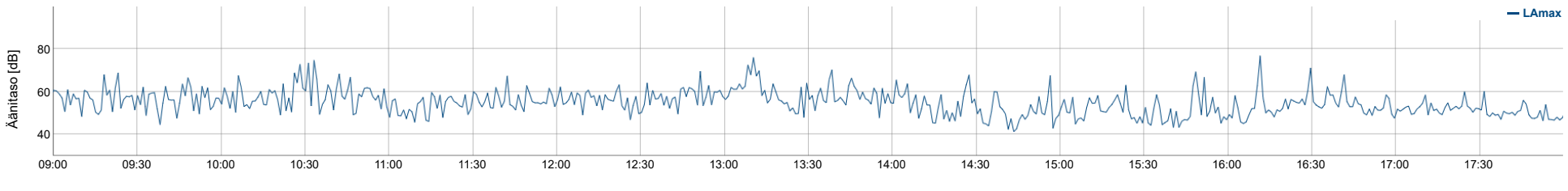
MP1



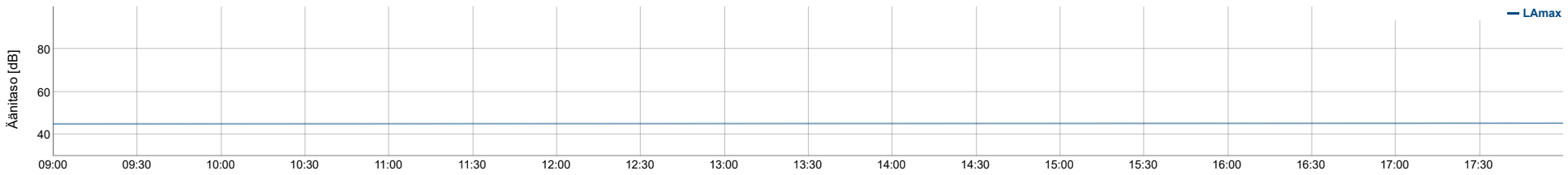
MP2



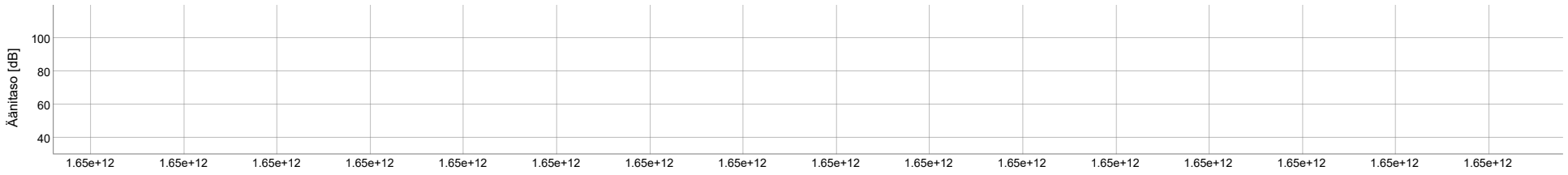
MP3



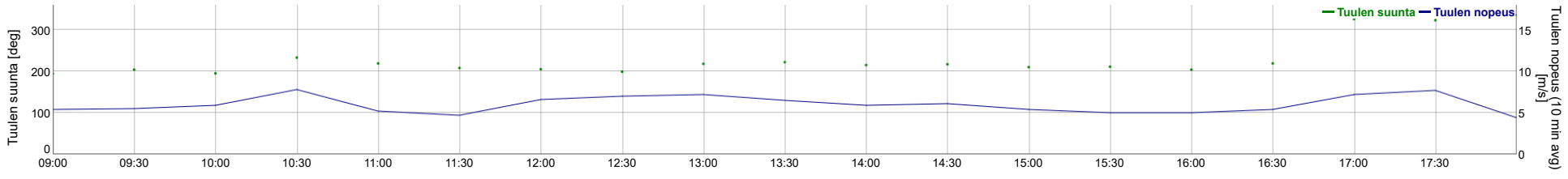
MP4



MP5



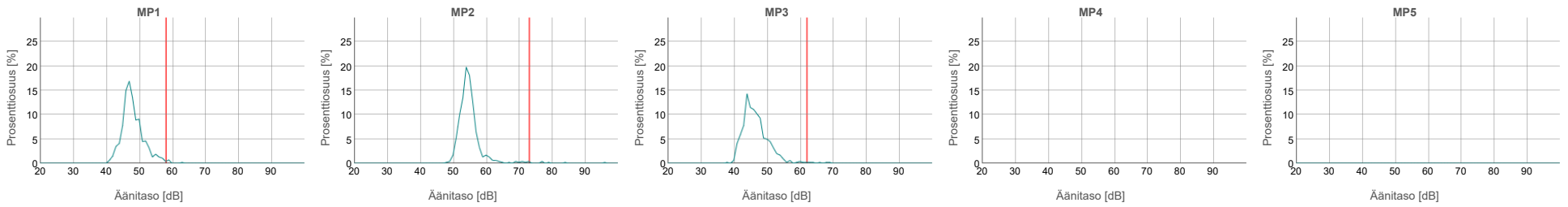
Säähavainnot



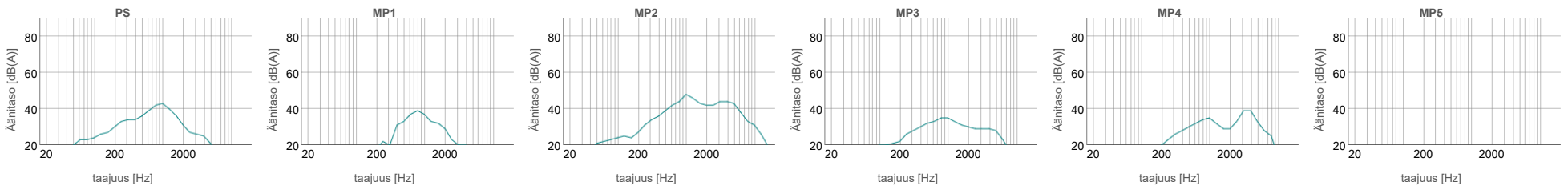
08.05.

0508	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	58	73	62	-	-
LAF,5%	-	55	61	54	-	-
LAF,50%	-	48	54	46	-	-
LAF,60dB	- %	0 %	6 %	1 %	- %	- %
LAF,65dB	- %	0 %	2 %	0 %	- %	- %
LAF,70dB	- %	0 %	1 %	0 %	- %	- %
LAeq	49	45	61	43	-	-

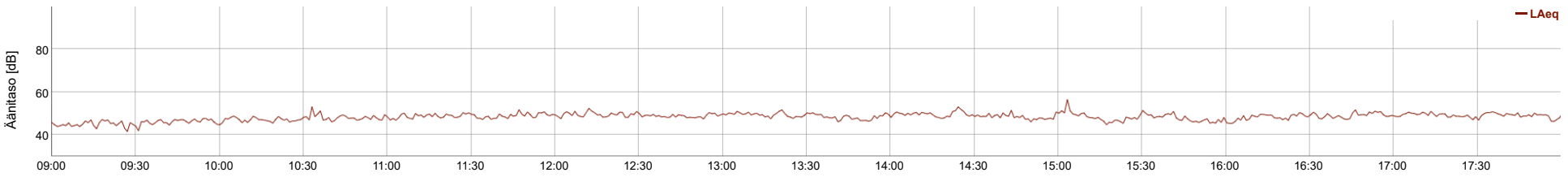
Pysyvyystasot



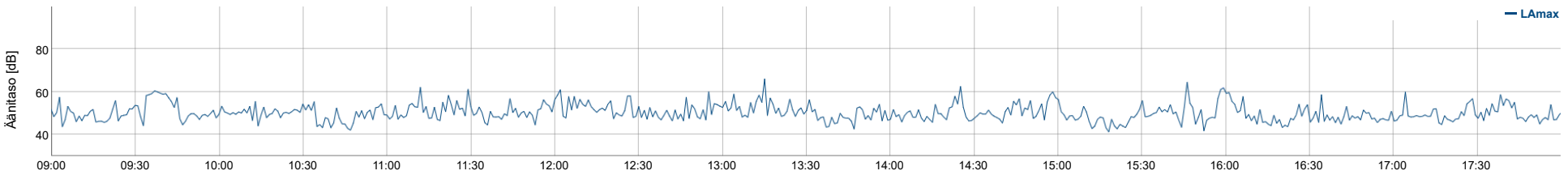
Spektrit



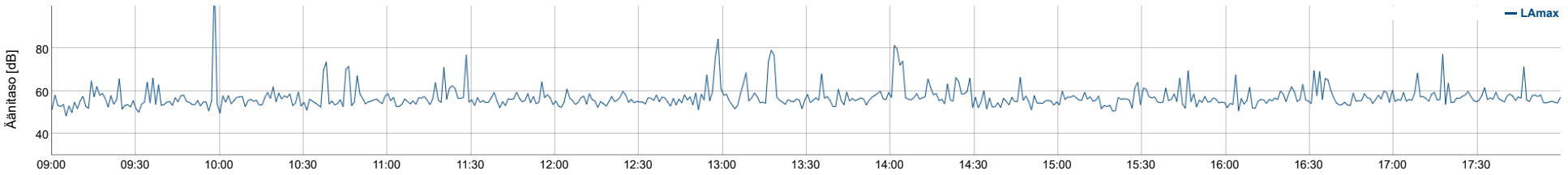
PS



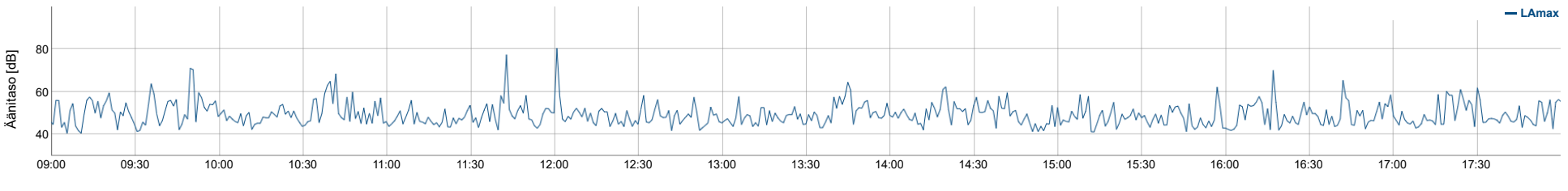
MP1



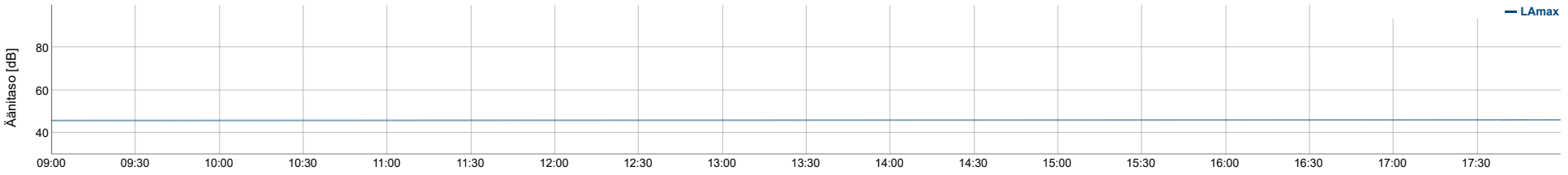
MP2



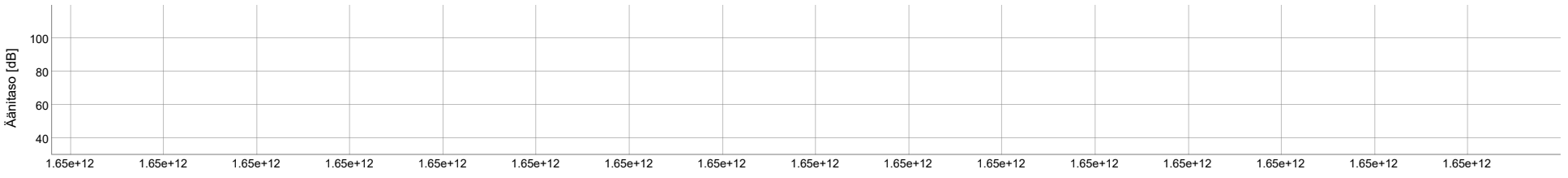
MP3



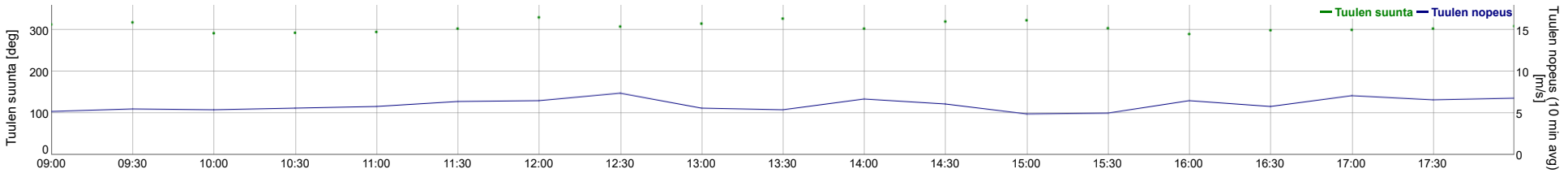
MP4



MP5



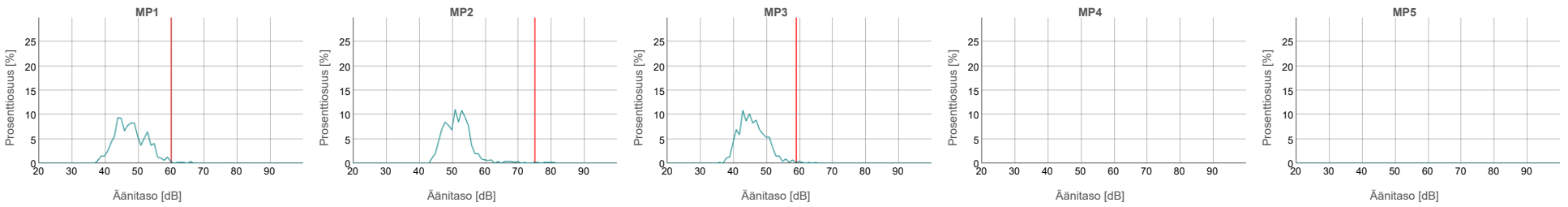
Säähavainnot



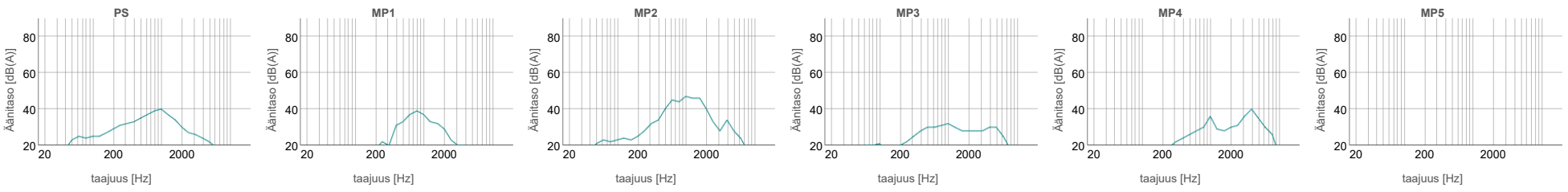
09.05.

0509	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	60	75	59	-	-
LAF,5%	-	56	60	53	-	-
LAF,50%	-	48	52	46	-	-
LAF,60dB	- %	0 %	4 %	0 %	- %	- %
LAF,65dB	- %	0 %	2 %	0 %	- %	- %
LAF,70dB	- %	0 %	1 %	0 %	- %	- %
LAeq	46	43	53	41	-	-

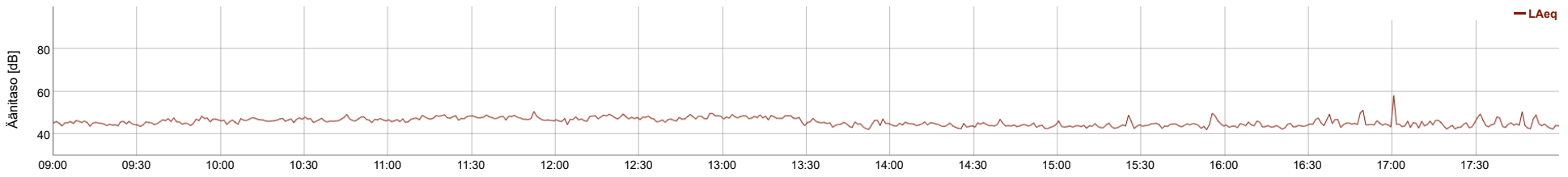
Pysyvyystasot



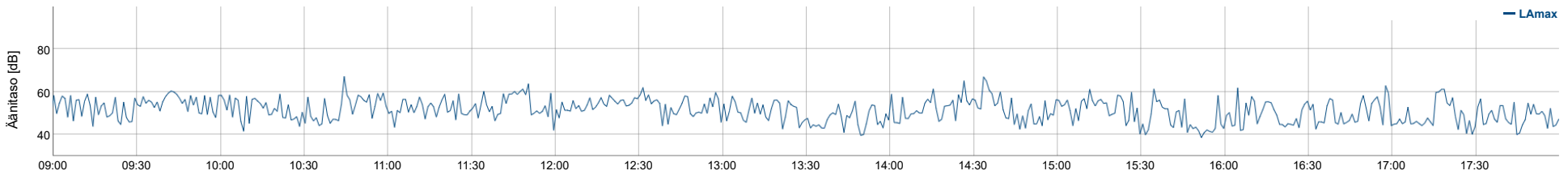
Spektrit



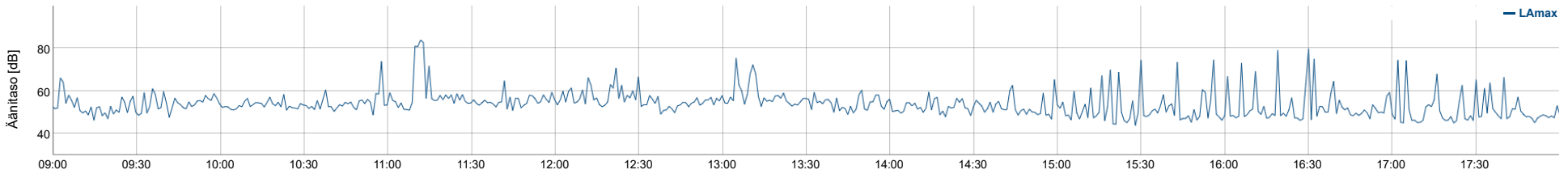
PS



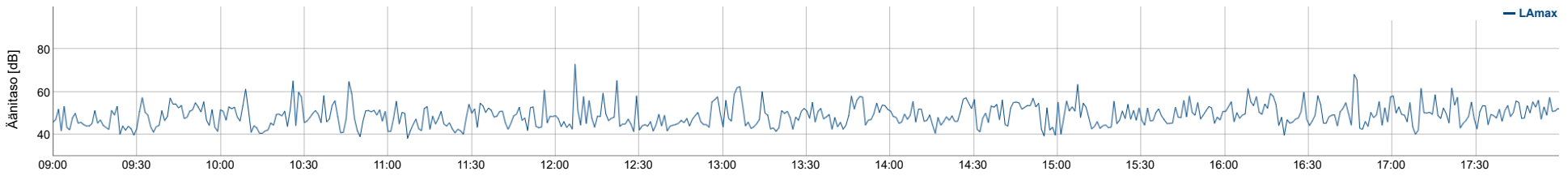
MP1



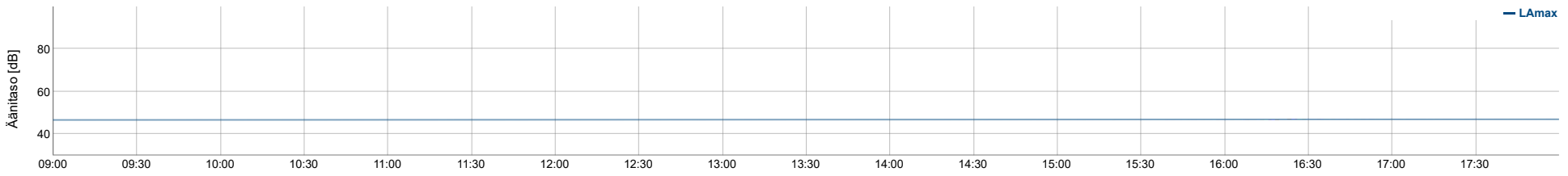
MP2



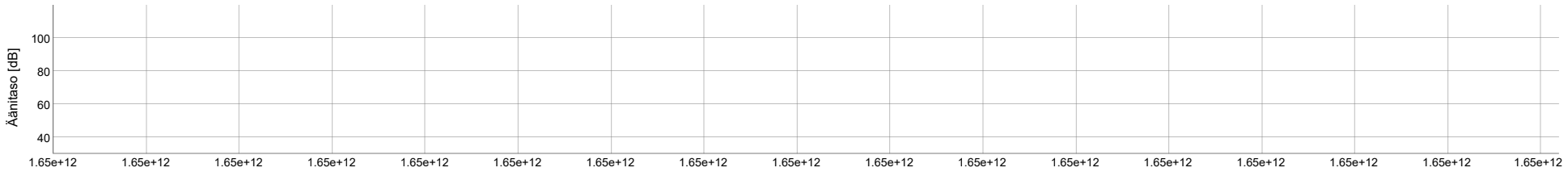
MP3



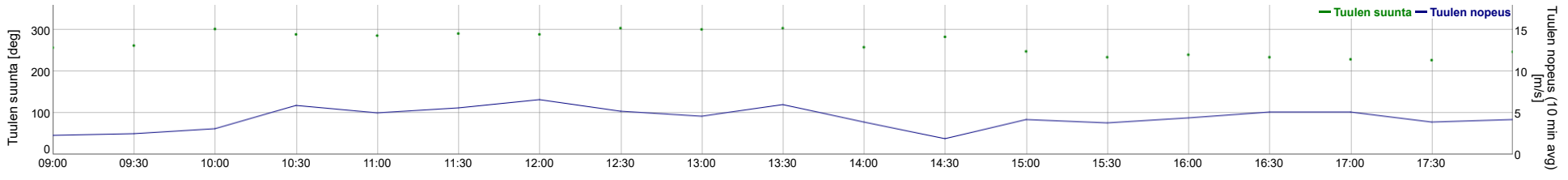
MP4



MP5



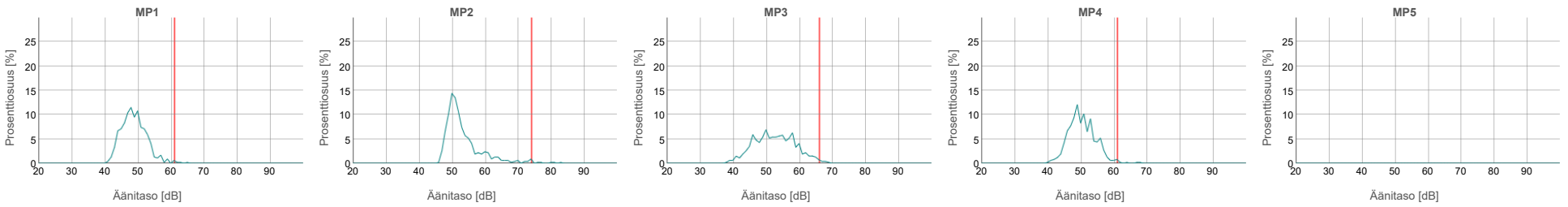
Säähavainnot



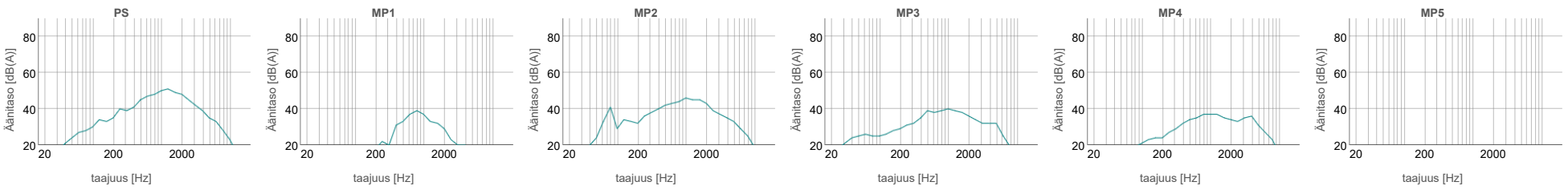
10.05.

0510	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	61	74	66	61	-
LAF,5%	-	55	65	63	57	-
LAF,50%	-	49	52	53	50	-
LAF,60dB	- %	1 %	11 %	11 %	1 %	- %
LAF,65dB	- %	0 %	4 %	2 %	0 %	- %
LAF,70dB	- %	0 %	2 %	0 %	0 %	- %
LAeq	58	45	54	48	46	-

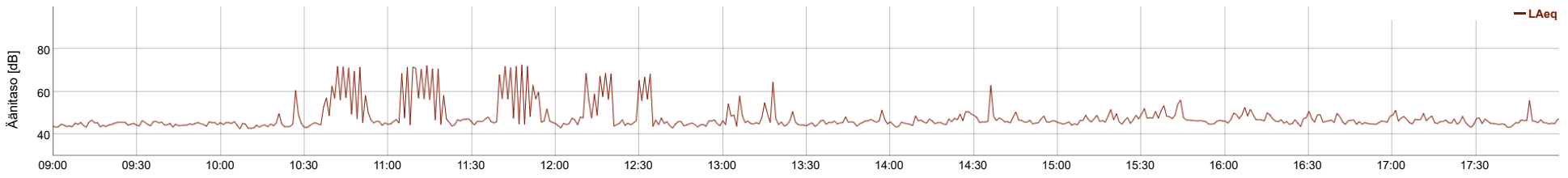
Pysyvyystasot



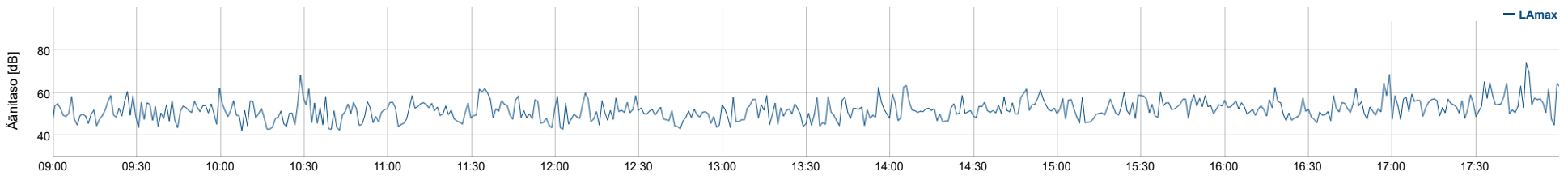
Spektrit



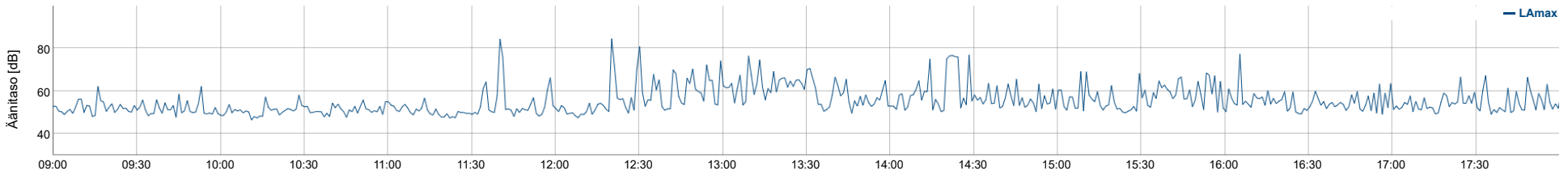
PS



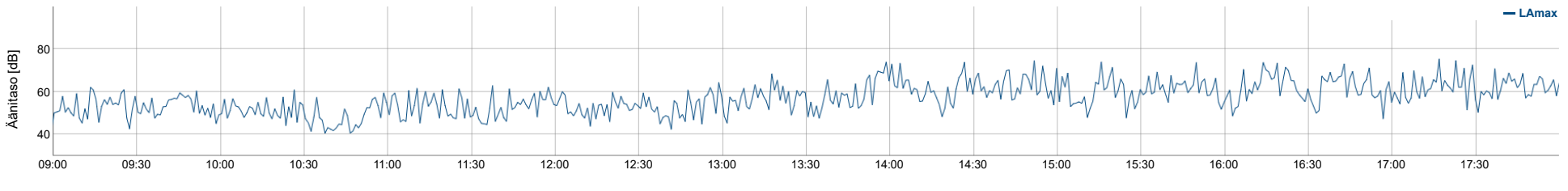
MP1



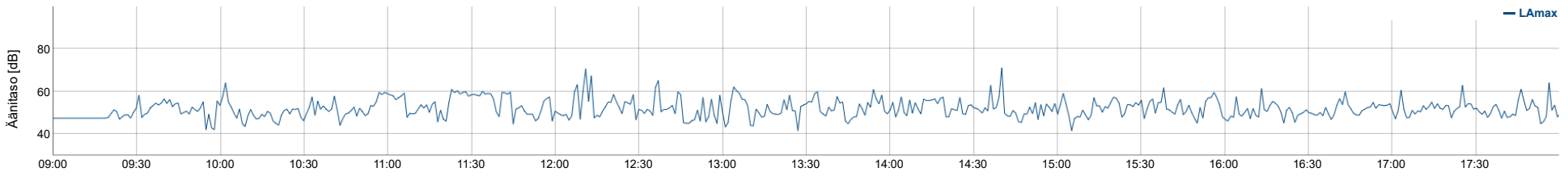
MP2



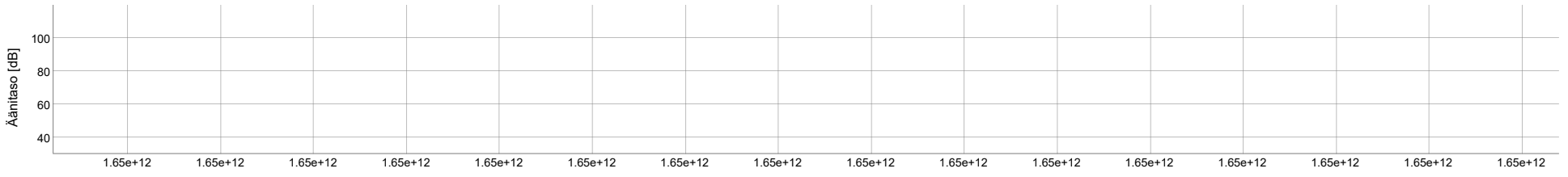
MP3



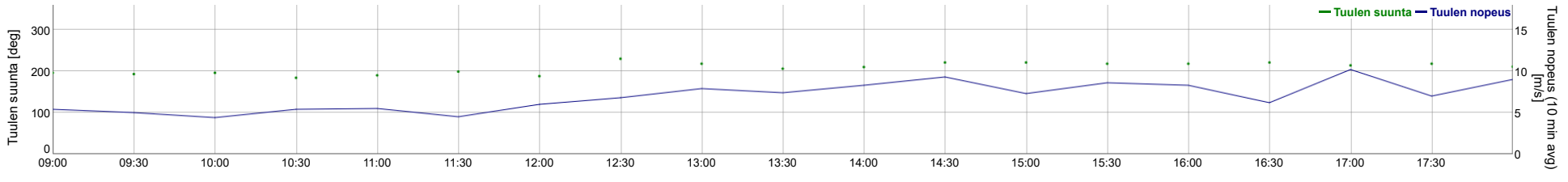
MP4



MP5



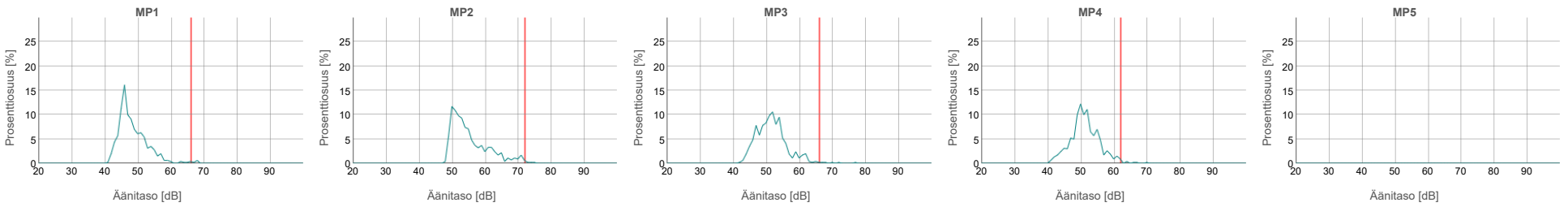
Säähavainnot



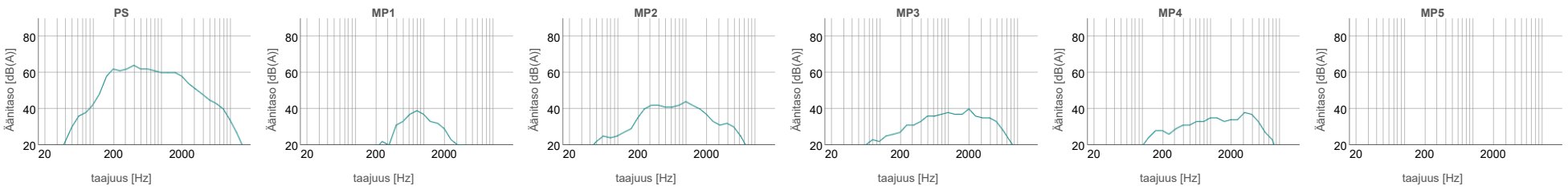
11.05.

0511	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	66	72	66	62	-
LAF,5%	-	57	68	61	59	-
LAF,50%	-	48	54	51	51	-
LAF,60dB	- %	1 %	21 %	6 %	3 %	- %
LAF,65dB	- %	1 %	8 %	1 %	0 %	- %
LAF,70dB	- %	0 %	3 %	0 %	0 %	- %
LAeq	72	44	51	48	46	-

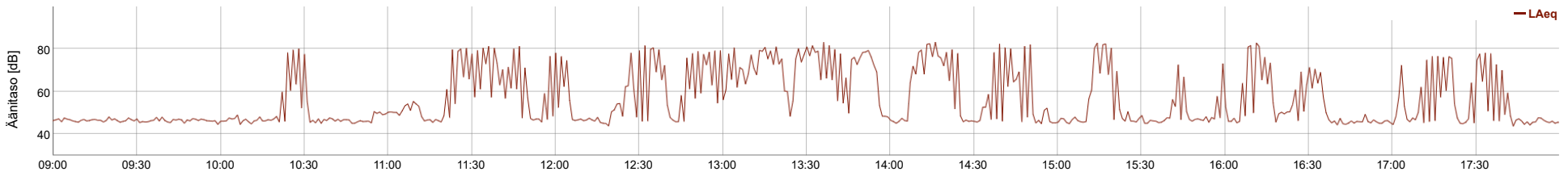
Pysyvyystasot



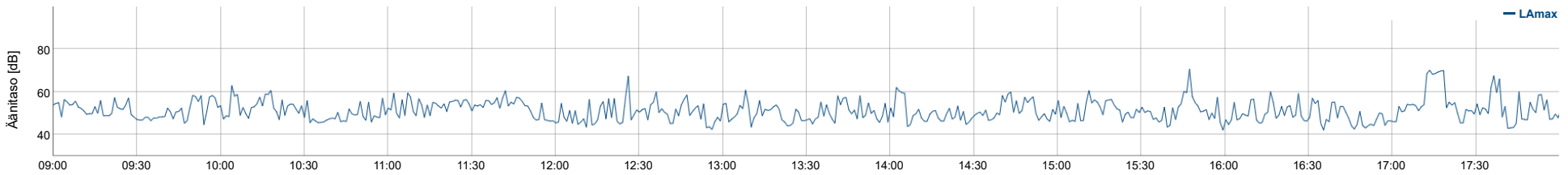
Spektrit



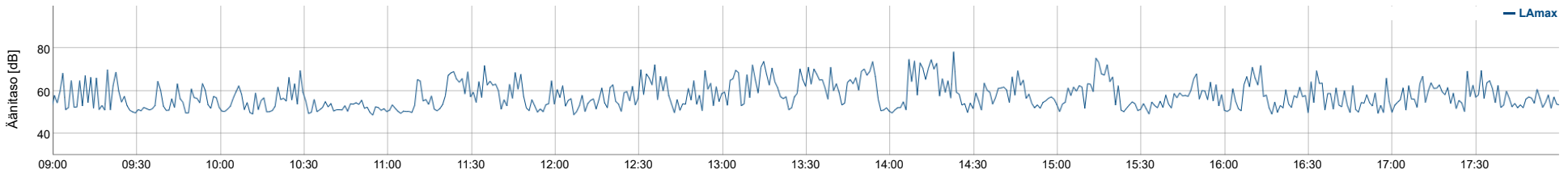
PS



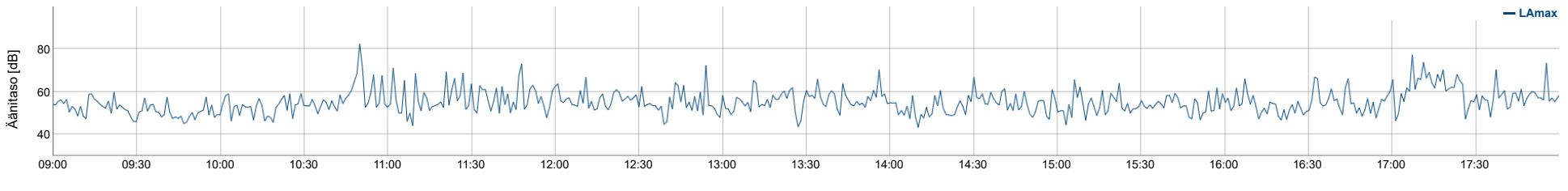
MP1



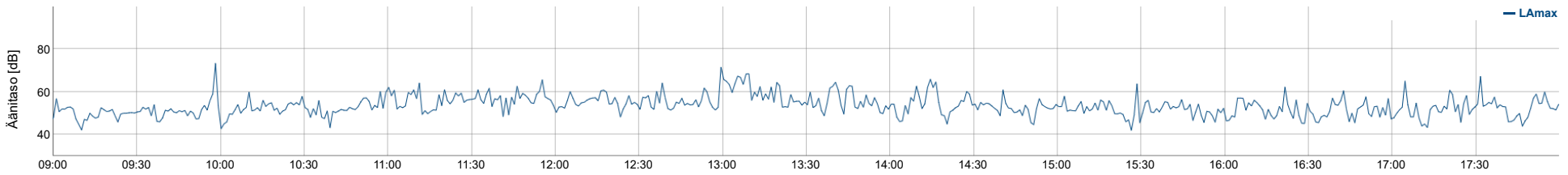
MP2



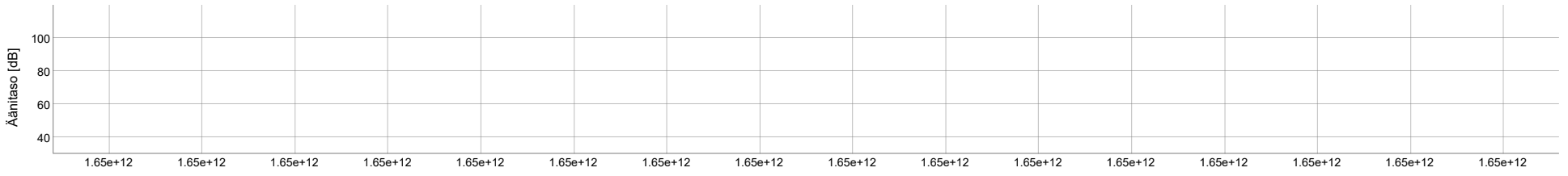
MP3



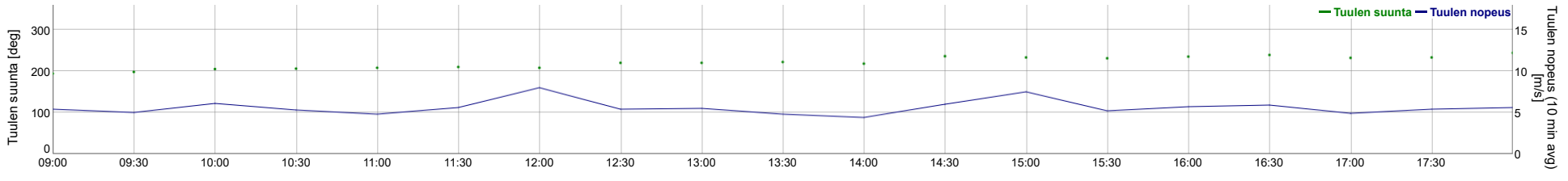
MP4



MP5



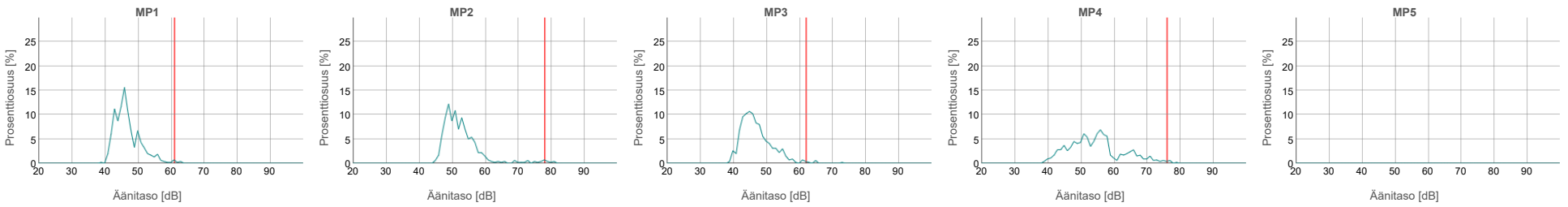
Säähavainnot



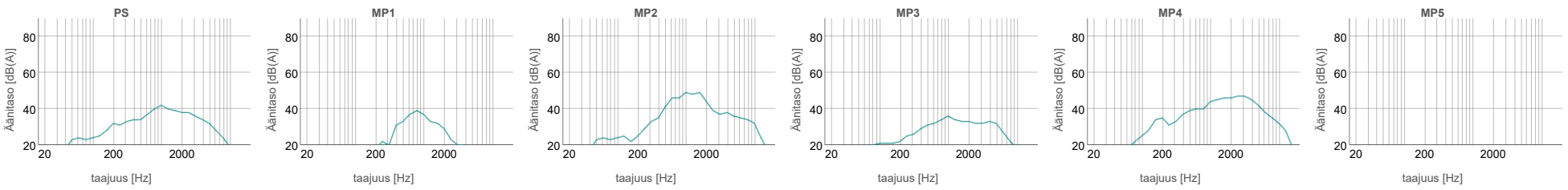
12.05.

0512	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	61	78	62	76	-
LAF,5%	-	55	64	56	70	-
LAF,50%	-	46	52	46	54	-
LAF,60dB	- %	1 %	7 %	1 %	21 %	- %
LAF,65dB	- %	0 %	4 %	0 %	14 %	- %
LAF,70dB	- %	0 %	3 %	0 %	4 %	- %
LAeq	49	43	56	44	55	-

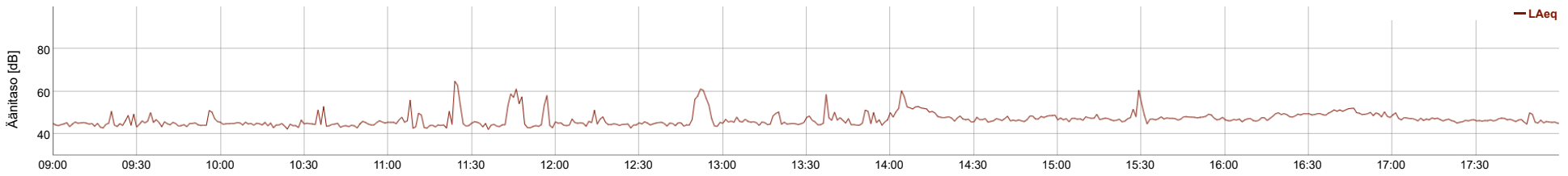
Pysyvyystasot



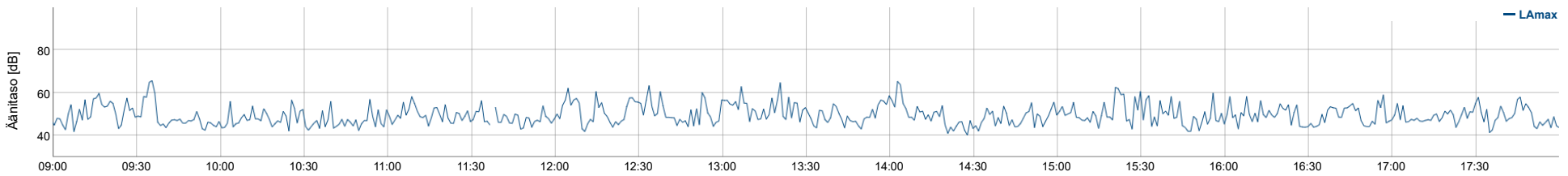
Spektrit



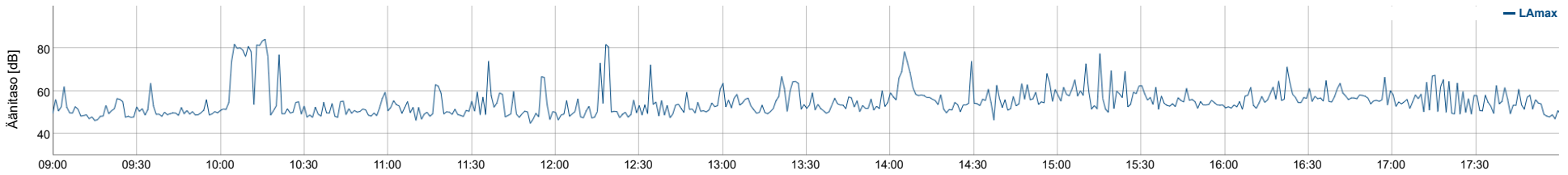
PS



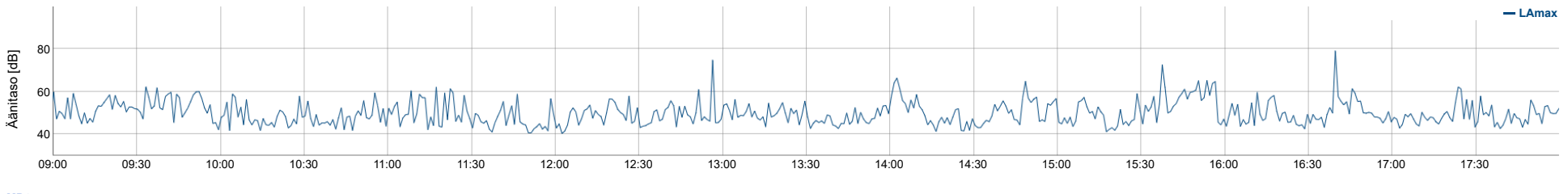
MP1



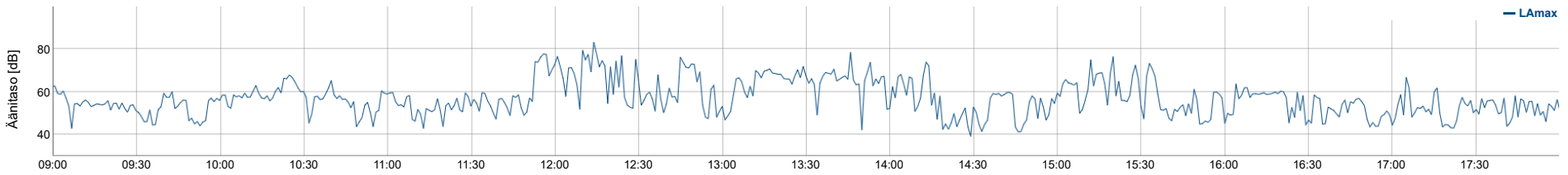
MP2



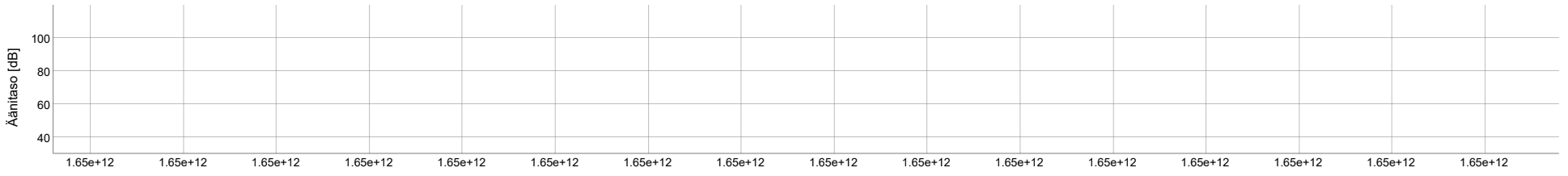
MP3



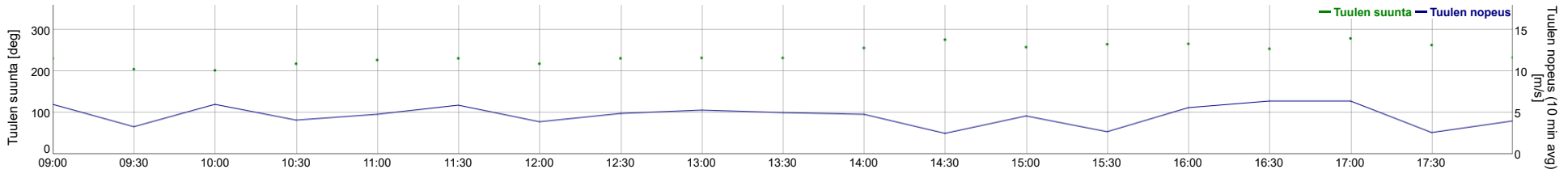
MP4



MP5



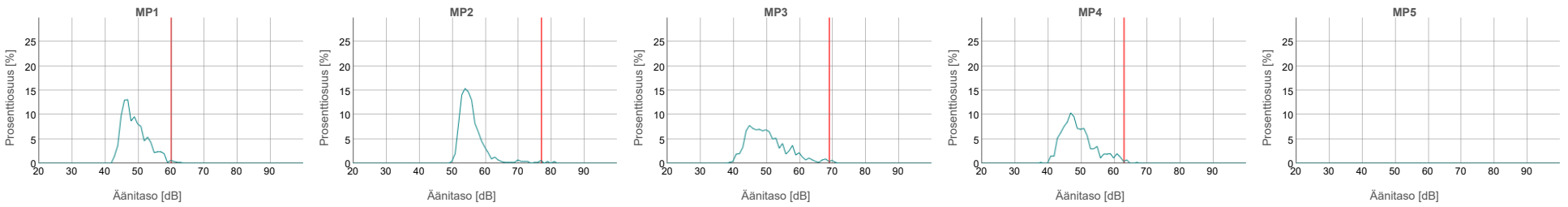
Säähavainnot



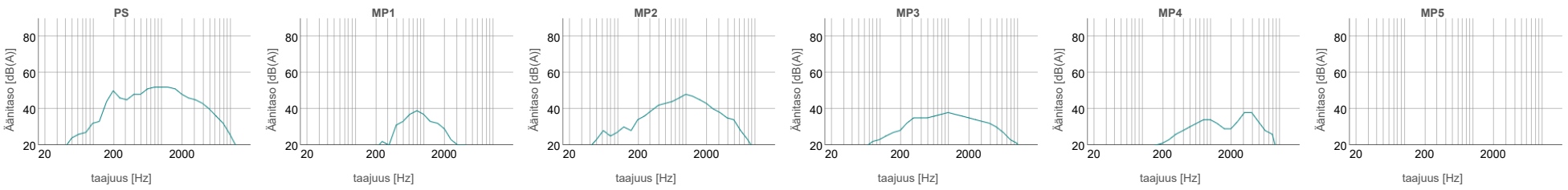
13.05.

0513	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	60	77	69	63	-
LAF,5%	-	57	64	63	60	-
LAF,50%	-	49	55	49	48	-
LAF,60dB	- %	1 %	10 %	8 %	4 %	- %
LAF,65dB	- %	0 %	4 %	3 %	0 %	- %
LAF,70dB	- %	0 %	3 %	0 %	0 %	- %
LAeq	61	45	55	47	45	-

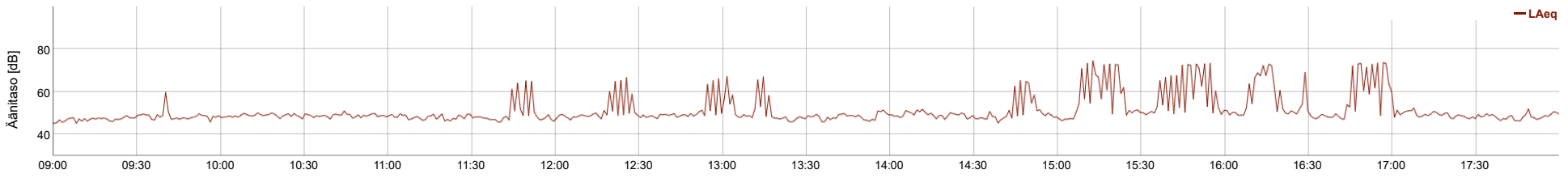
Pysyvyystasot



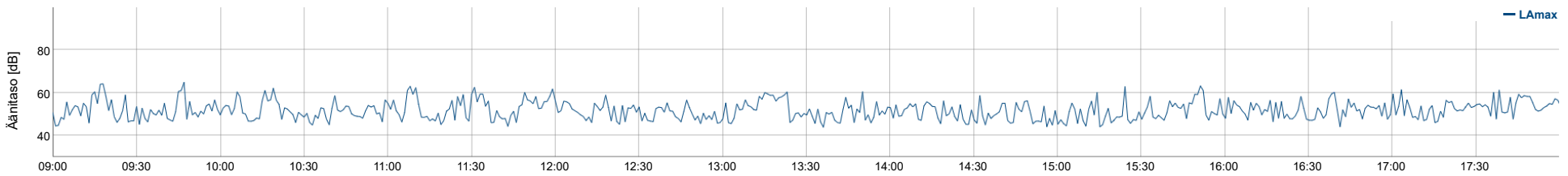
Spektrit



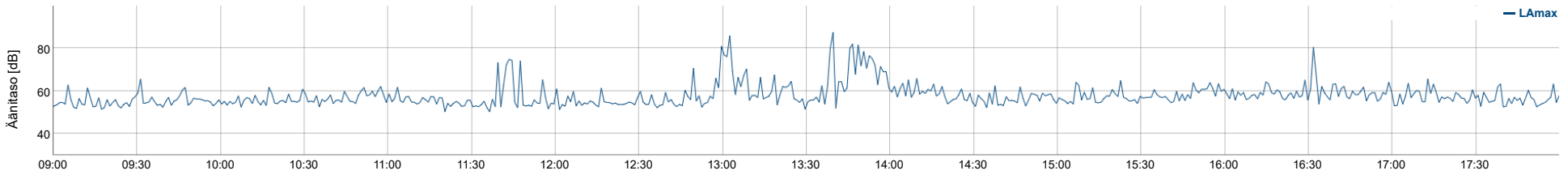
PS



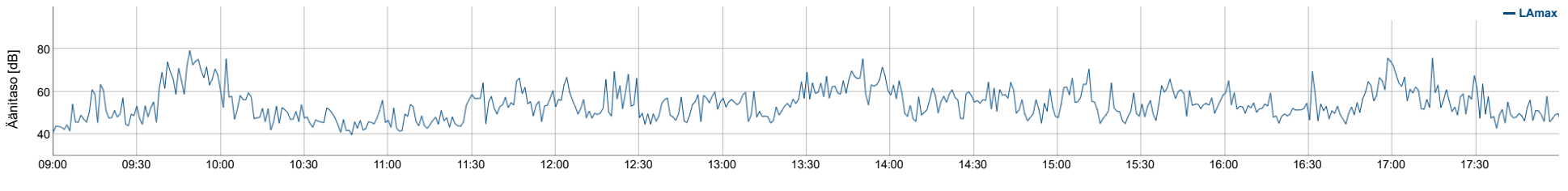
MP1



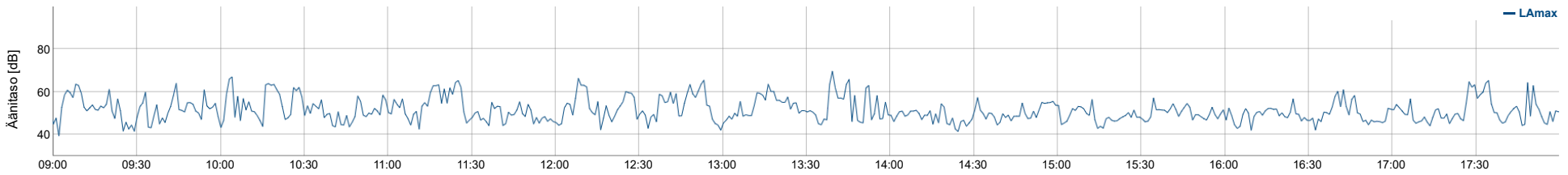
MP2



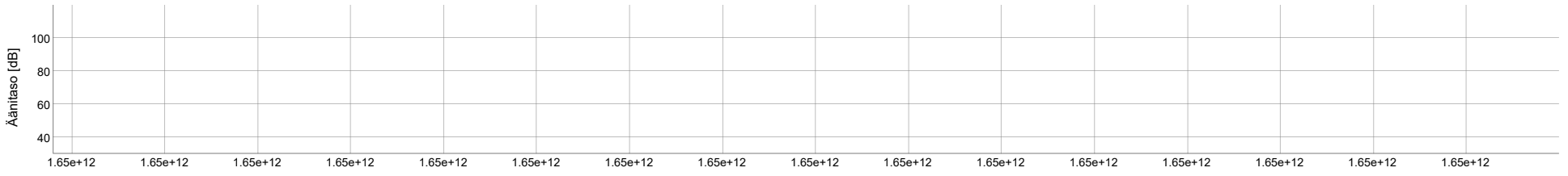
MP3



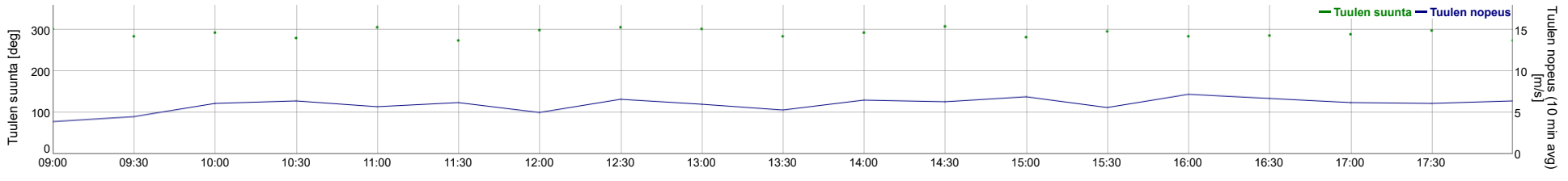
MP4



MP5



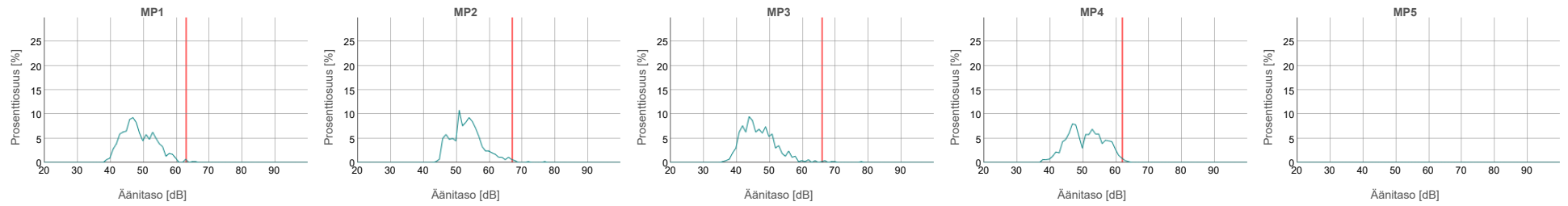
Säähavainnot



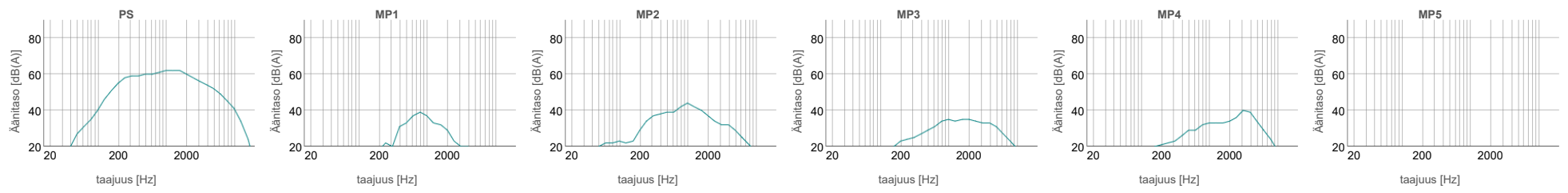
14.05.

0514	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	63	67	66	62	-
LAF,5%	-	58	63	57	60	-
LAF,50%	-	48	53	46	51	-
LAF,60dB	- %	1 %	9 %	2 %	3 %	- %
LAF,65dB	- %	0 %	2 %	1 %	0 %	- %
LAF,70dB	- %	0 %	0 %	0 %	0 %	- %
LAeq	71	44	50	44	46	-

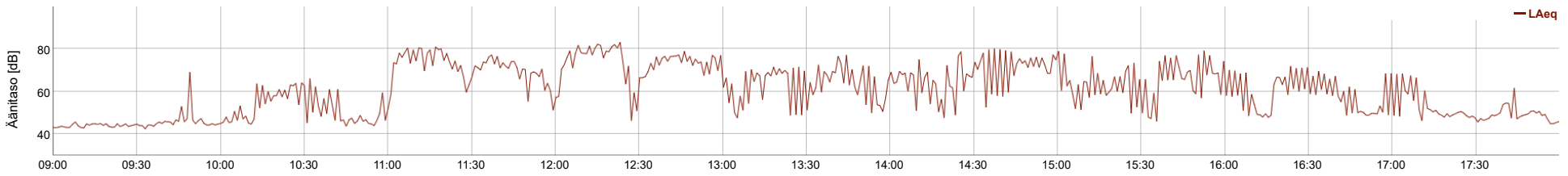
Pysyvyystasot



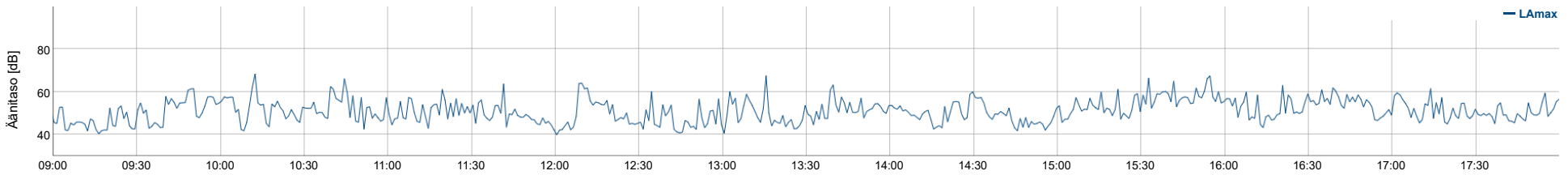
Spektrit



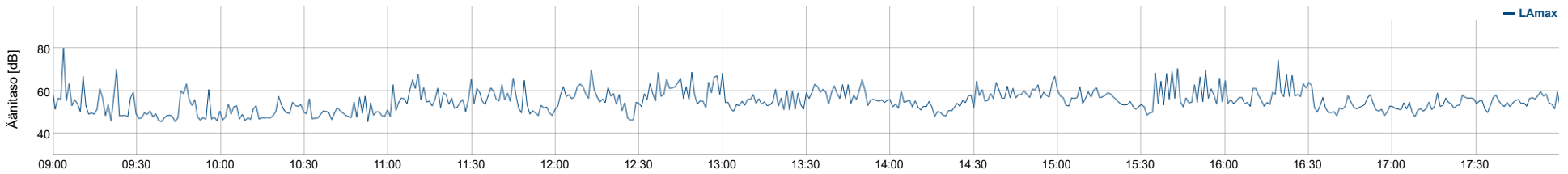
PS



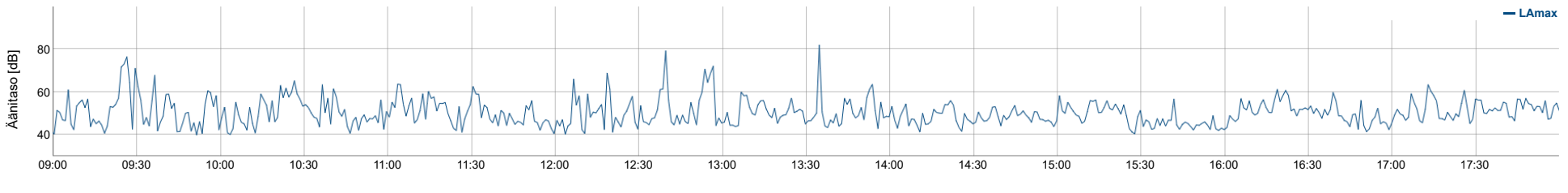
MP1



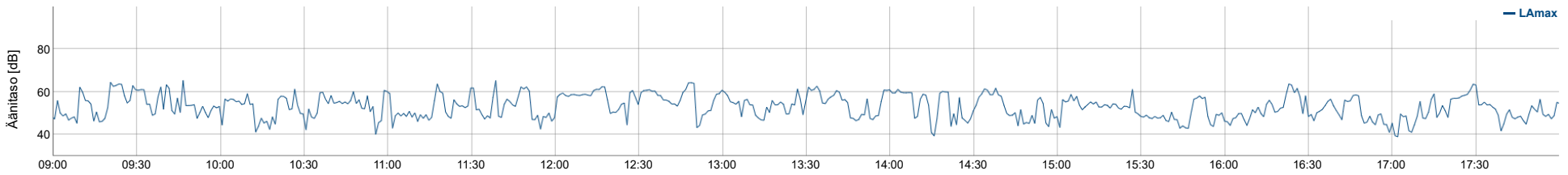
MP2



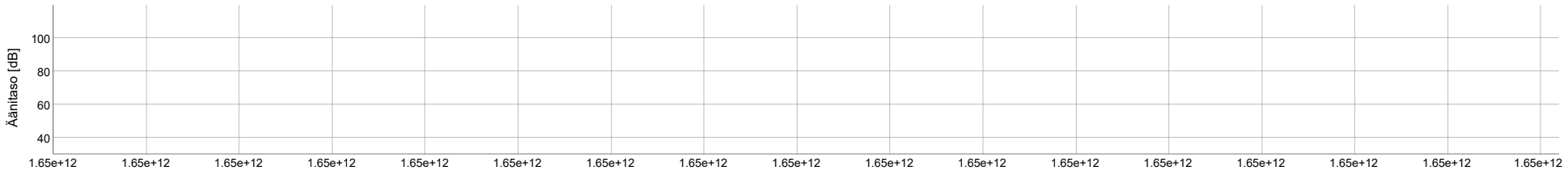
MP3



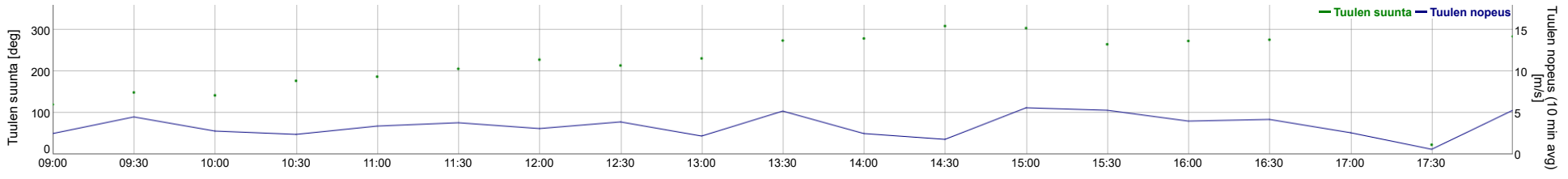
MP4



MP5



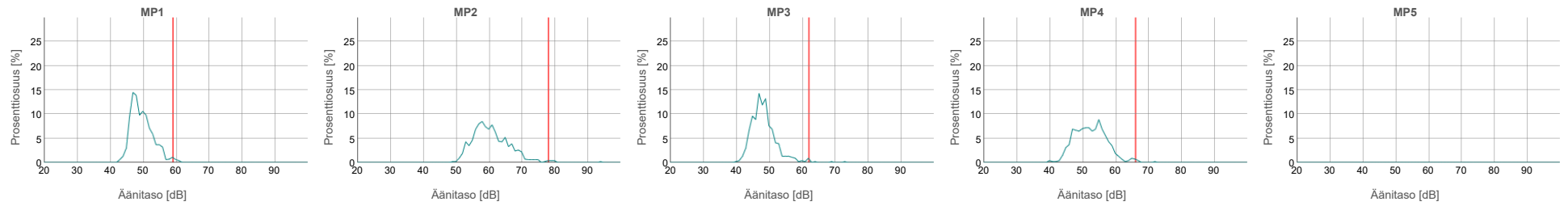
Säähavainnot



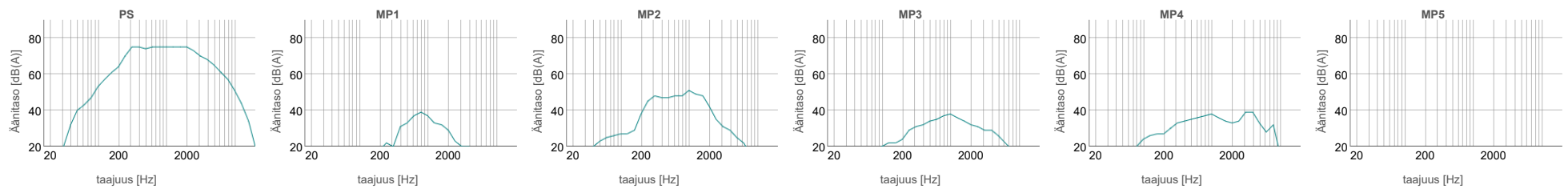
15.05.

0515	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	59	78	62	66	-
LAF,5%	-	56	70	56	60	-
LAF,50%	-	49	60	48	52	-
LAF,60dB	- %	0 %	47 %	1 %	5 %	- %
LAF,65dB	- %	0 %	21 %	0 %	1 %	- %
LAF,70dB	- %	0 %	5 %	0 %	0 %	- %
LAeq	85	47	61	45	48	-

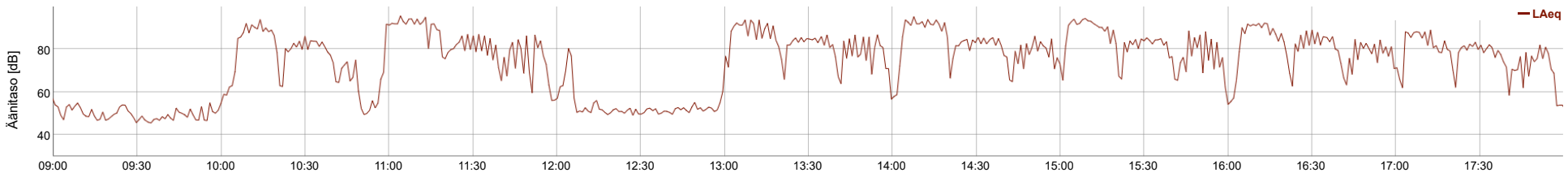
Pysyvyystasot



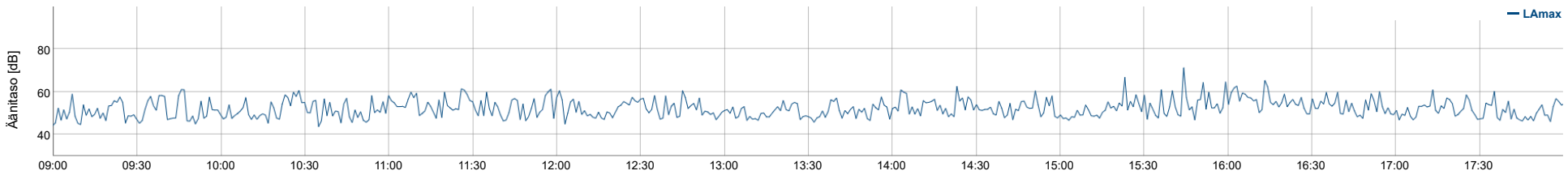
Spektrit



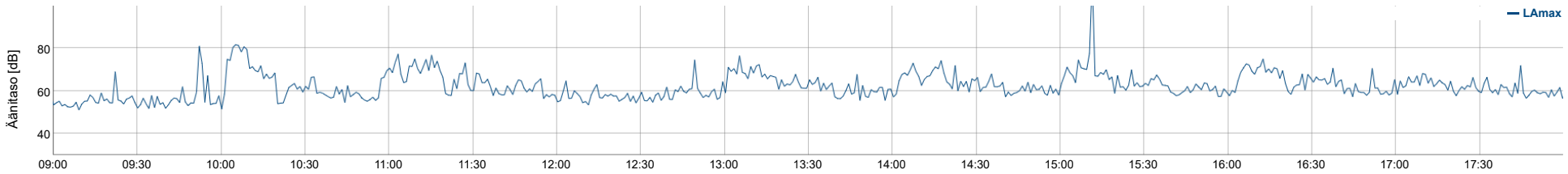
PS



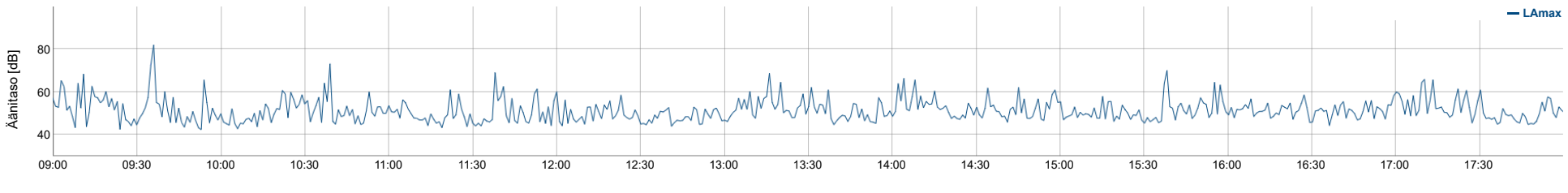
MP1



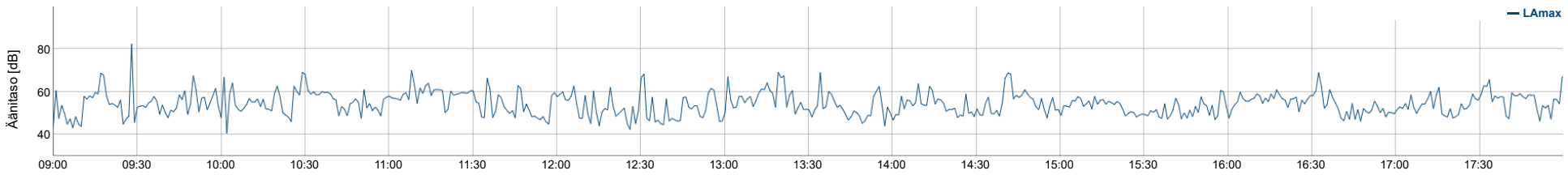
MP2



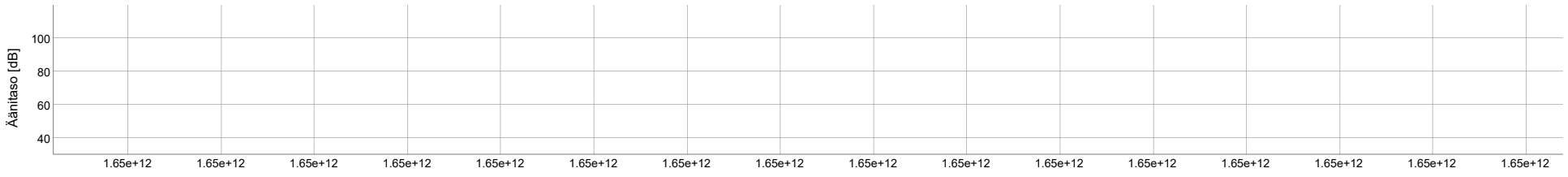
MP3



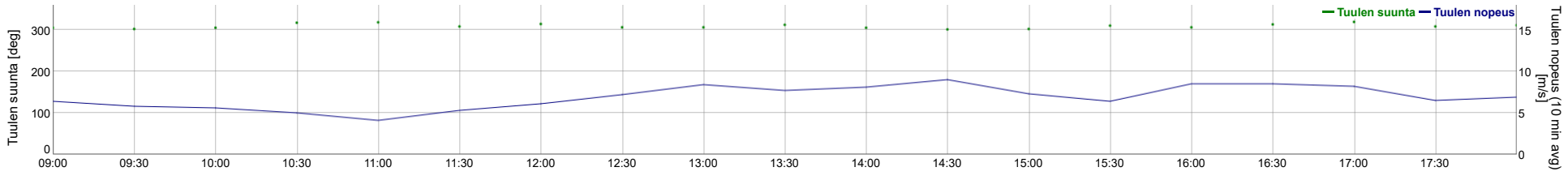
MP4



MP5



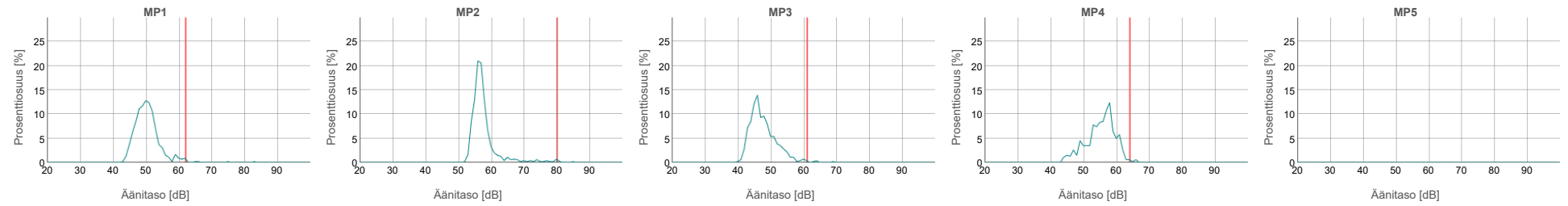
Säähavainnot



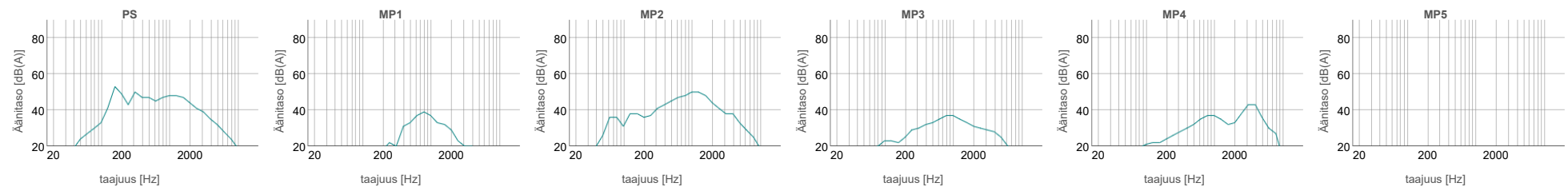
16.05.

0516	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	62	80	61	64	-
LAF,5%	-	58	67	55	61	-
LAF,50%	-	50	57	47	56	-
LAF,60dB	- %	2 %	13 %	1 %	12 %	- %
LAF,65dB	- %	0 %	6 %	0 %	0 %	- %
LAF,70dB	- %	0 %	3 %	0 %	0 %	- %
LAeq	59	48	57	45	49	-

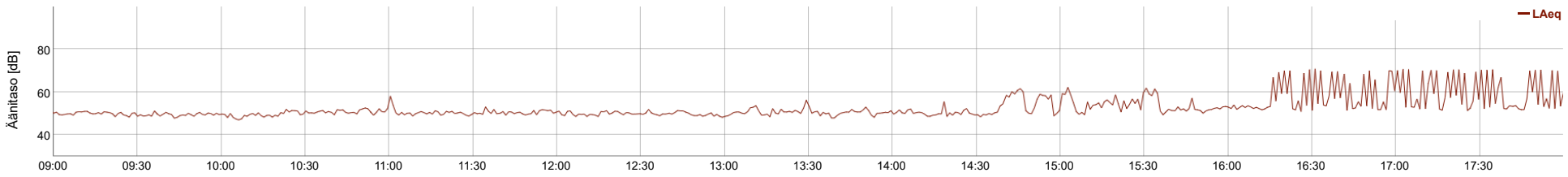
Pysyvyystasot



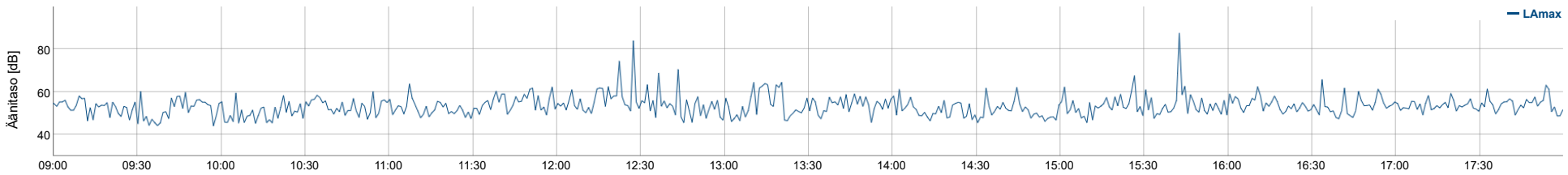
Spektrit



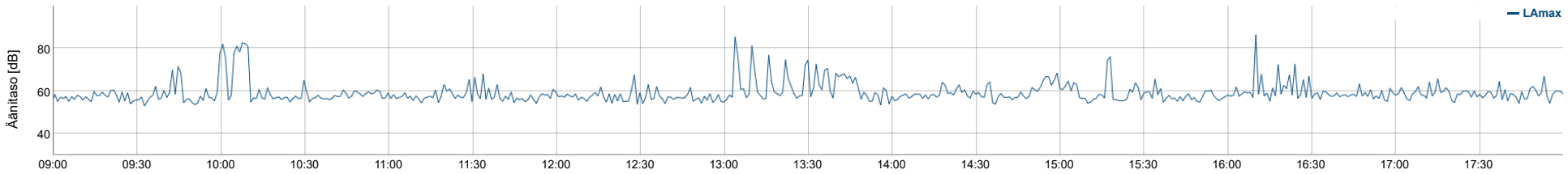
PS



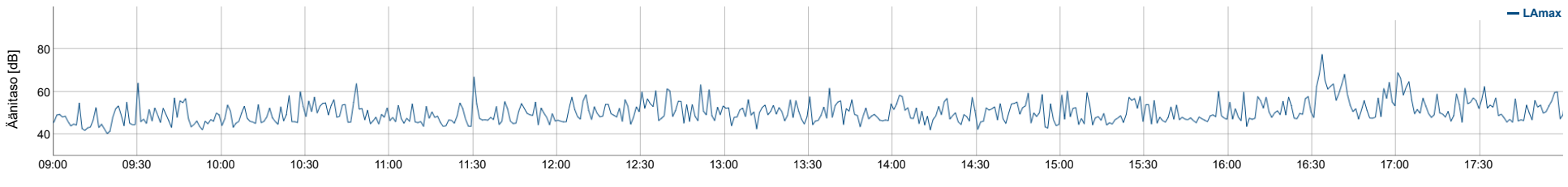
MP1



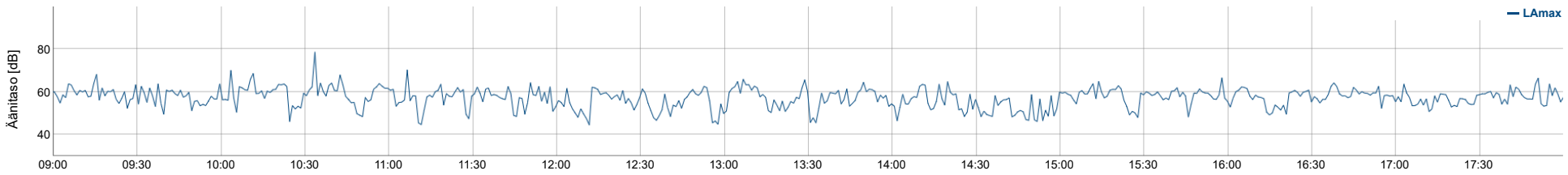
MP2



MP3



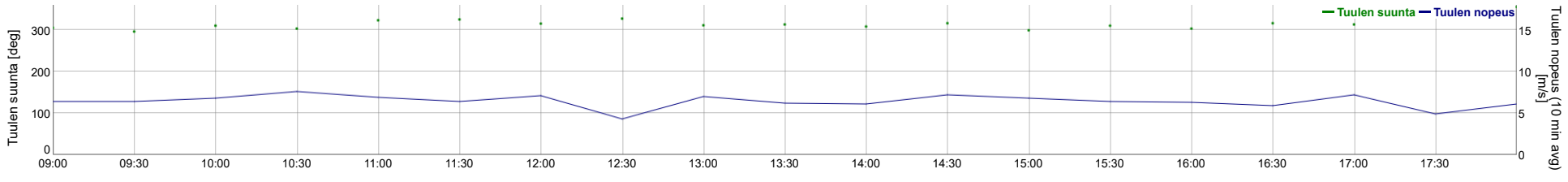
MP4



MP5



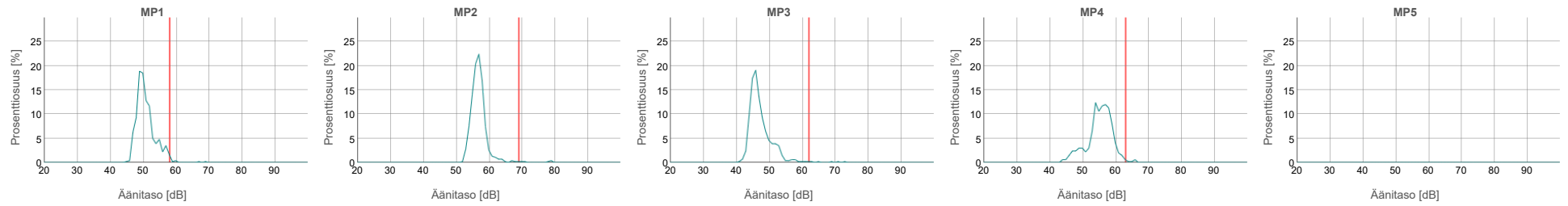
Säähavainnot



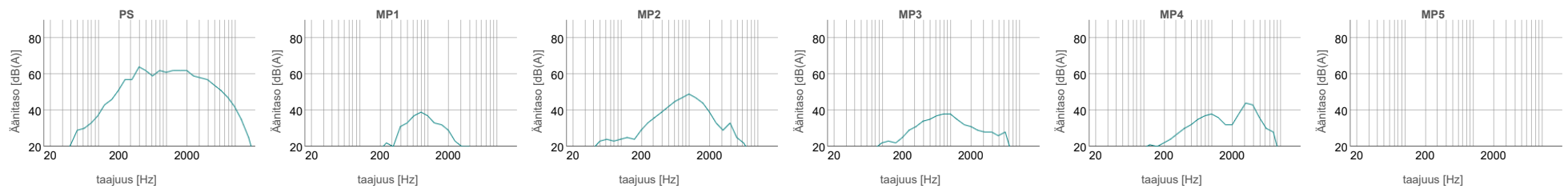
17.05.

0517	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	58	69	62	63	-
LAF,5%	-	57	61	53	60	-
LAF,50%	-	50	57	47	56	-
LAF,60dB	- %	0 %	6 %	1 %	5 %	- %
LAF,65dB	- %	0 %	1 %	0 %	0 %	- %
LAF,70dB	- %	0 %	0 %	0 %	0 %	- %
LAeq	72	48	54	45	49	-

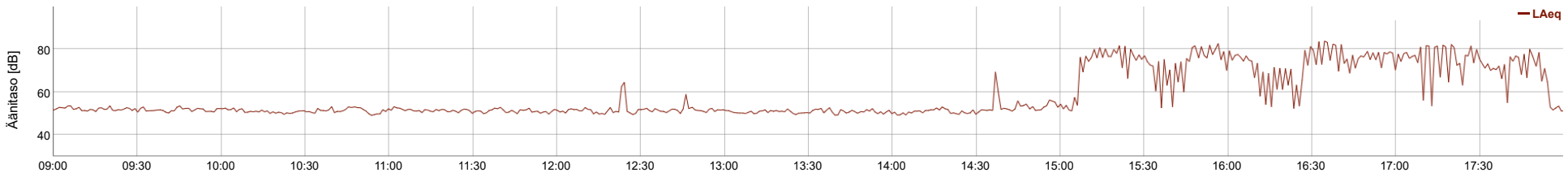
Pysyvyystasot



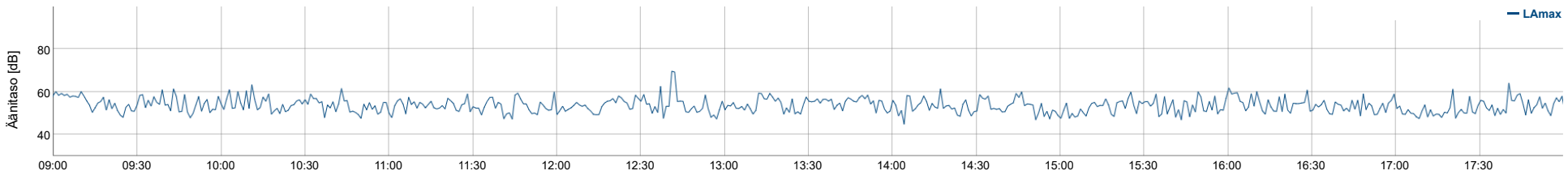
Spektrit



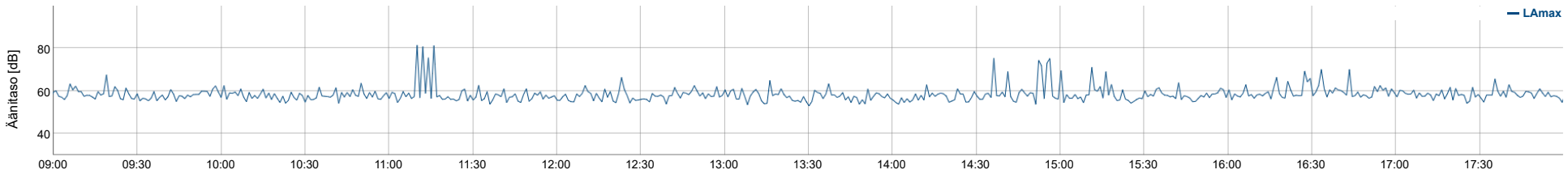
PS



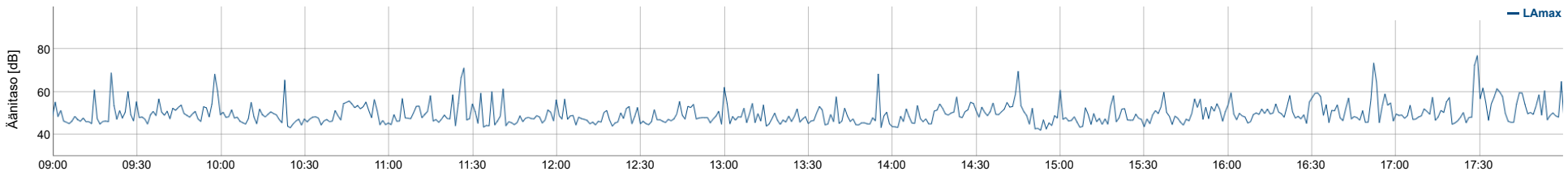
MP1



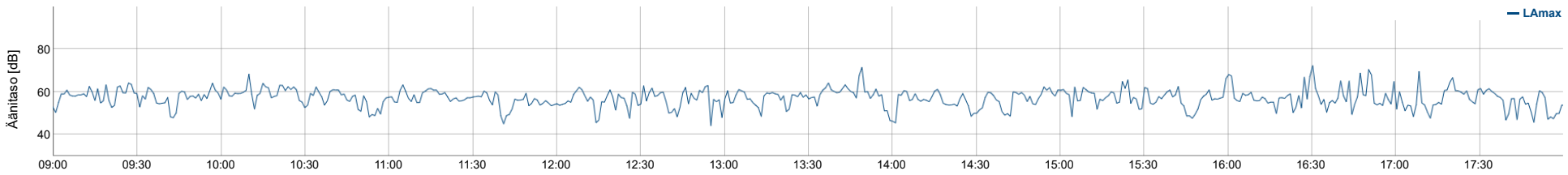
MP2



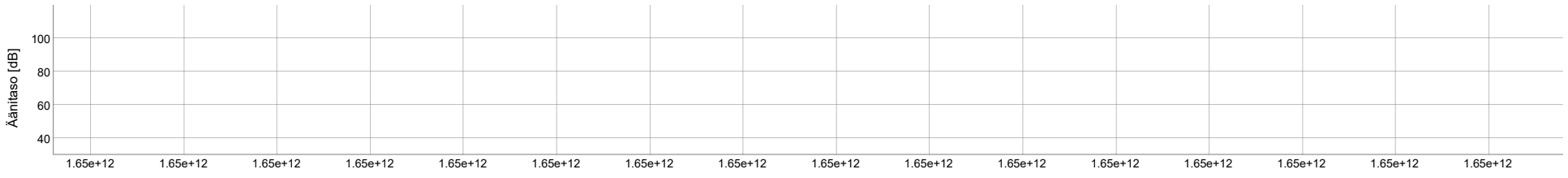
MP3



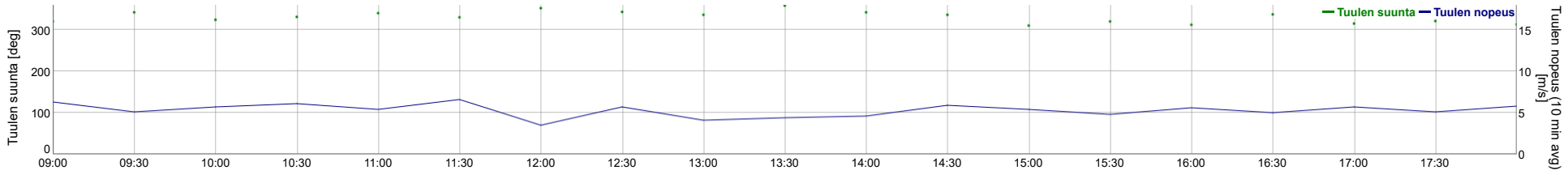
MP4



MP5



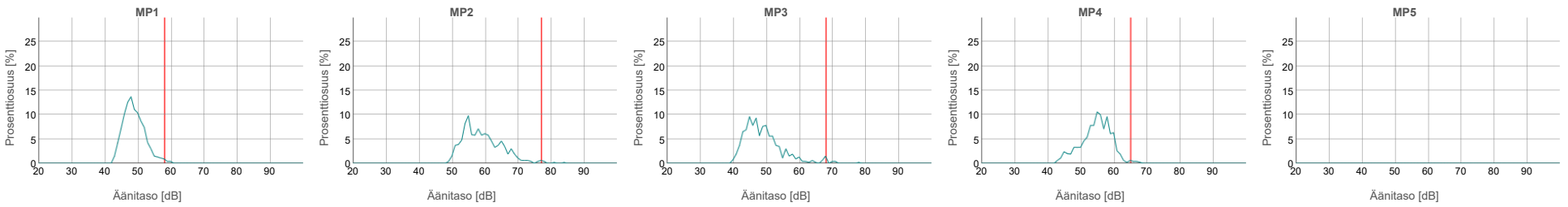
Säähavainnot



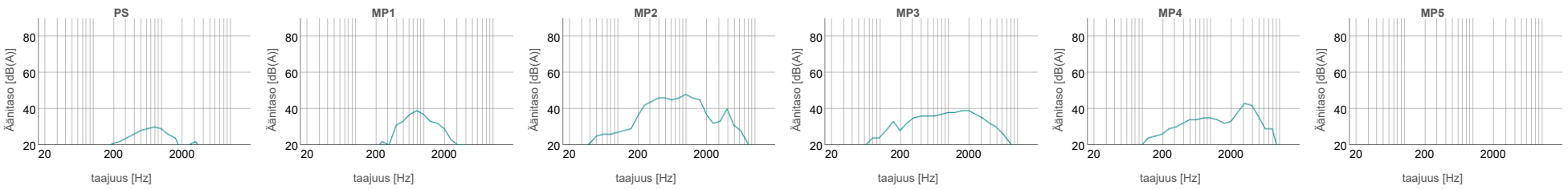
18.05.

0518	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	58	77	68	65	-
LAF,5%	-	55	69	60	61	-
LAF,50%	-	49	58	48	55	-
LAF,60dB	- %	0 %	39 %	4 %	9 %	- %
LAF,65dB	- %	0 %	16 %	3 %	1 %	- %
LAF,70dB	- %	0 %	4 %	0 %	0 %	- %
LAeq	37	45	55	48	48	-

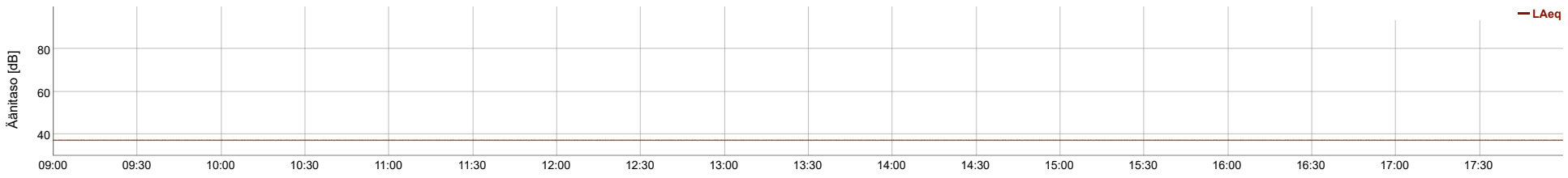
Pysyvyystasot



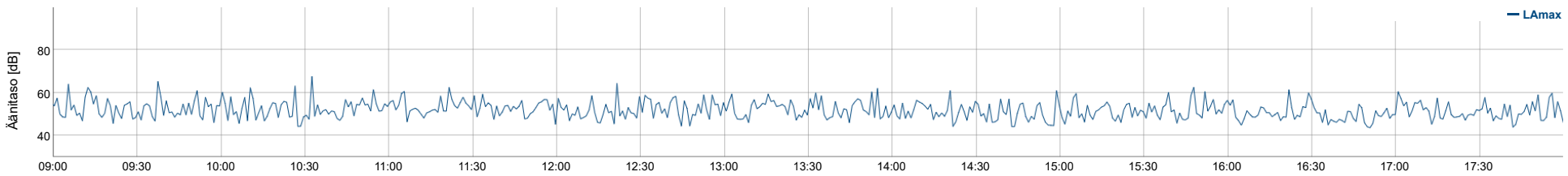
Spektrit



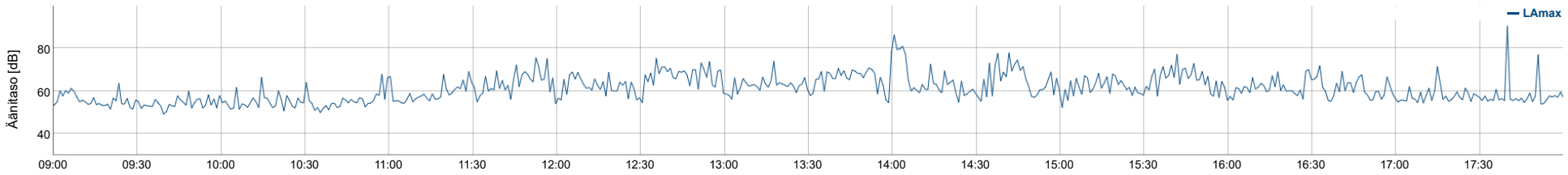
PS



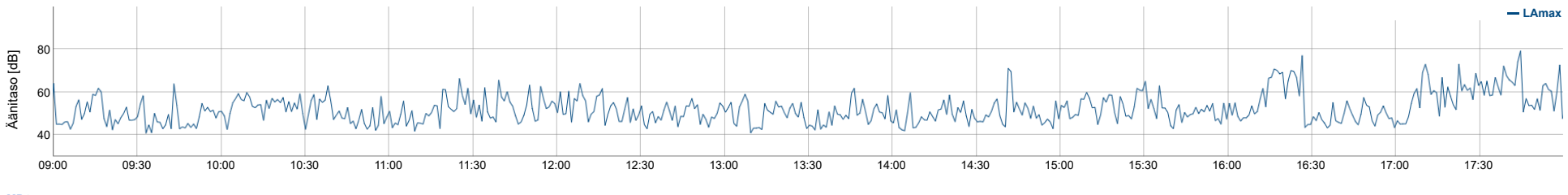
MP1



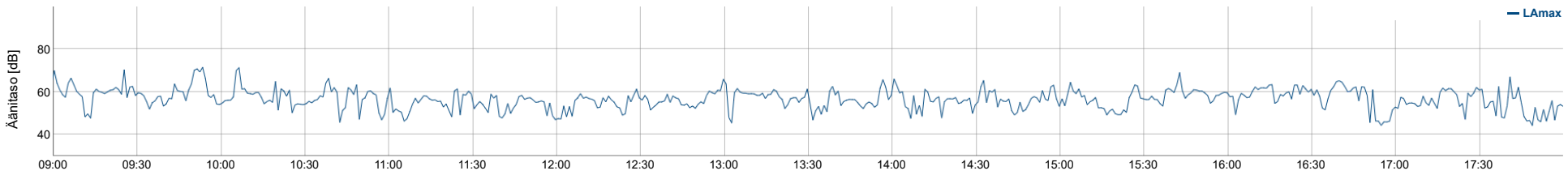
MP2



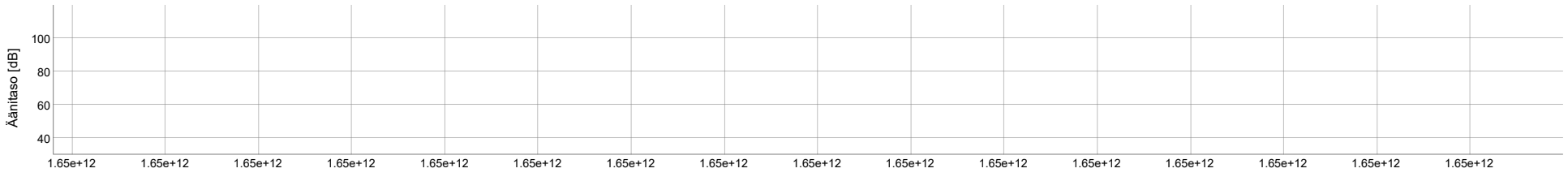
MP3



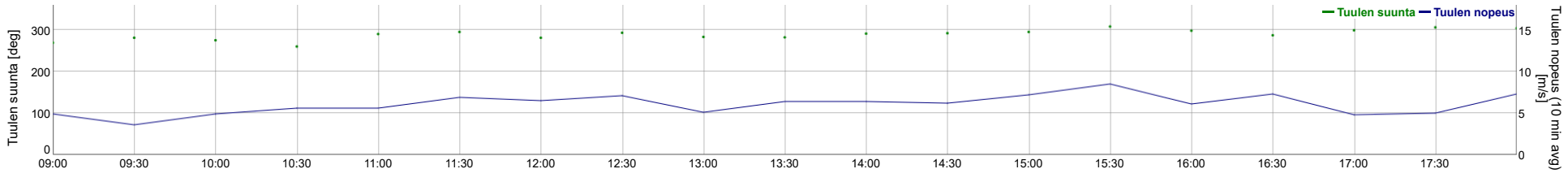
MP4



MP5



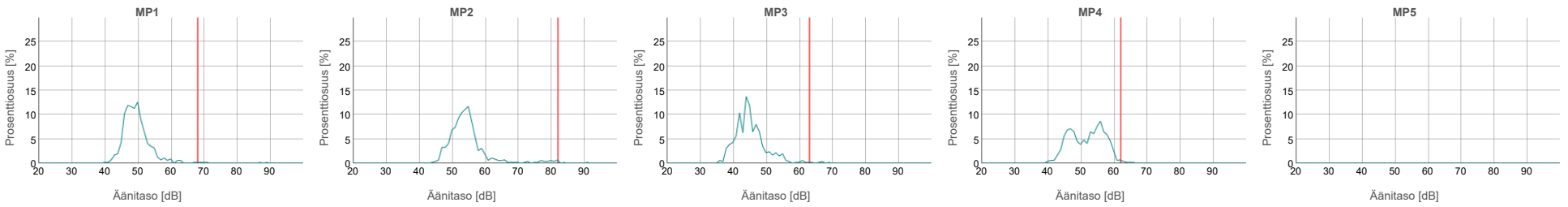
Säähavainnot



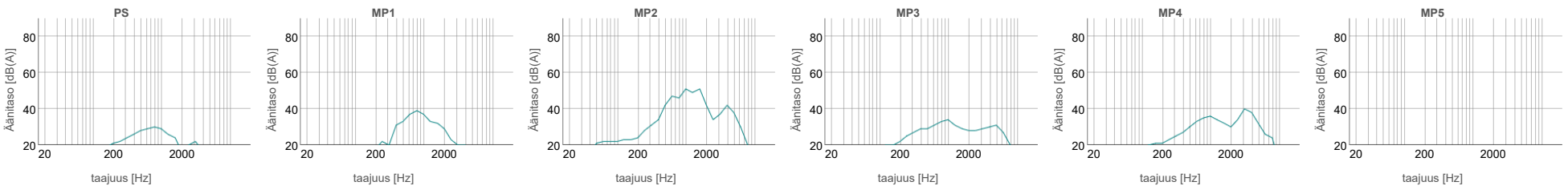
19.05.

0519	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	68	82	63	62	-
LAF,5%	-	57	66	55	59	-
LAF,50%	-	49	54	45	53	-
LAF,60dB	- %	2 %	10 %	1 %	2 %	- %
LAF,65dB	- %	1 %	5 %	0 %	0 %	- %
LAF,70dB	- %	0 %	4 %	0 %	0 %	- %
LAeq	37	50	57	42	46	-

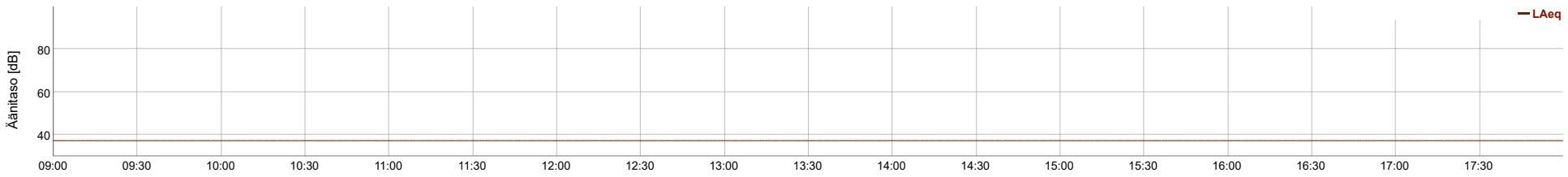
Pysyvyystasot



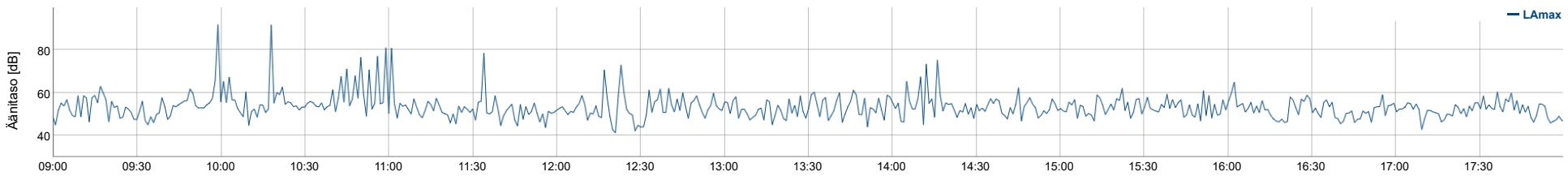
Spektrit



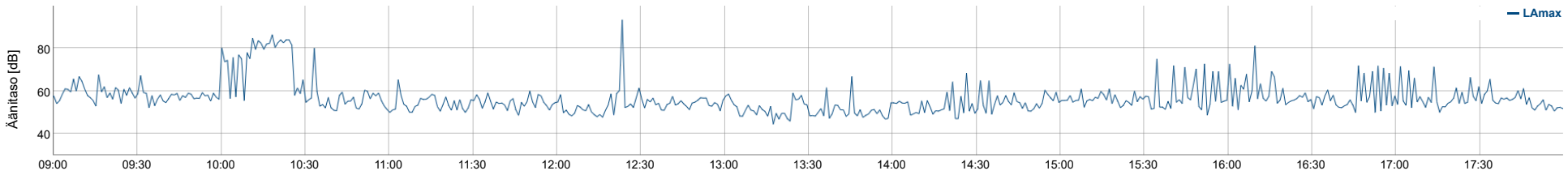
PS



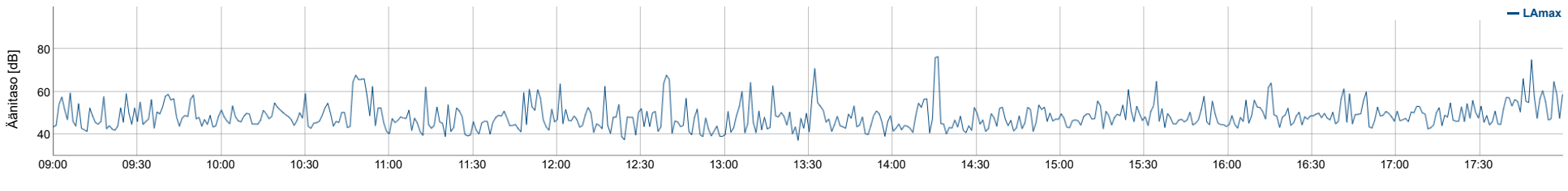
MP1



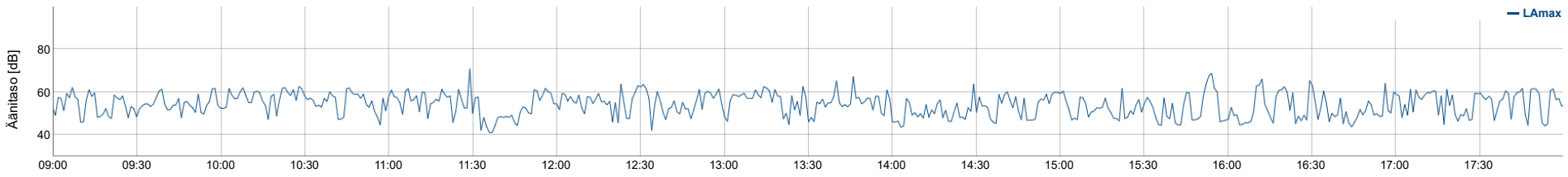
MP2



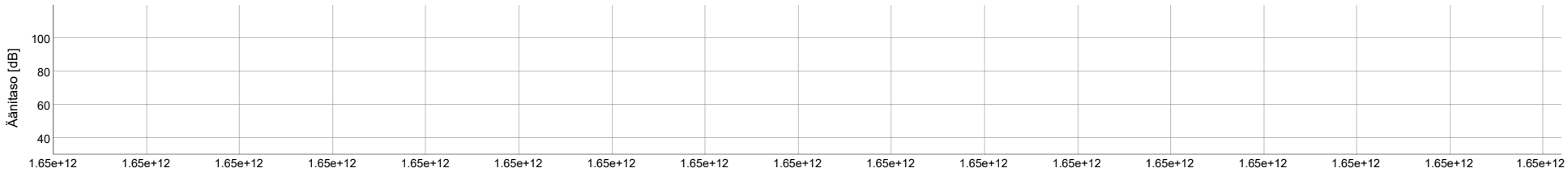
MP3



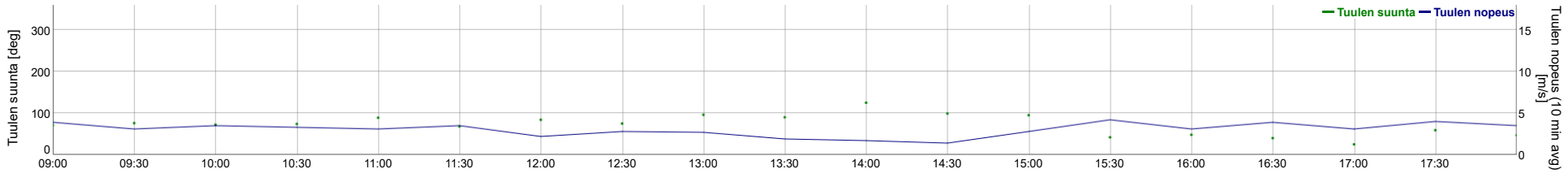
MP4



MP5



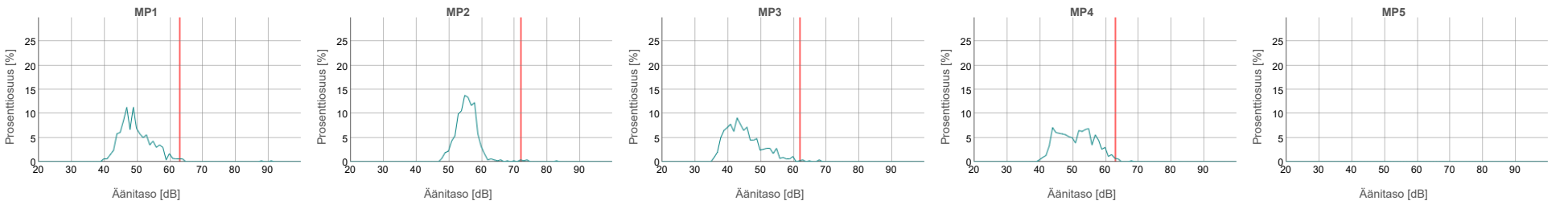
Säähavainnot



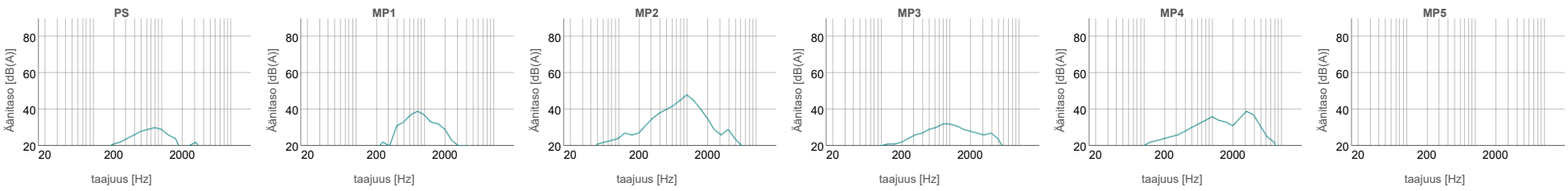
20.05.

0520	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	63	72	62	63	-
LAF,5%	-	58	60	55	60	-
LAF,50%	-	49	56	44	51	-
LAF,60dB	- %	3 %	5 %	1 %	5 %	- %
LAF,65dB	- %	0 %	1 %	0 %	0 %	- %
LAF,70dB	- %	0 %	1 %	0 %	0 %	- %
LAeq	37	54	53	40	46	-

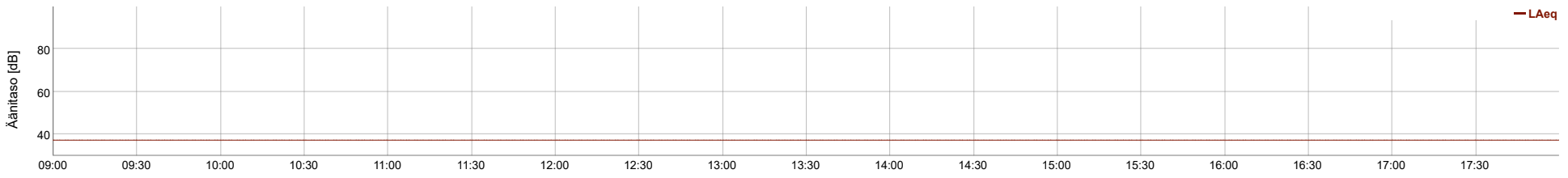
Pysyvyystasot



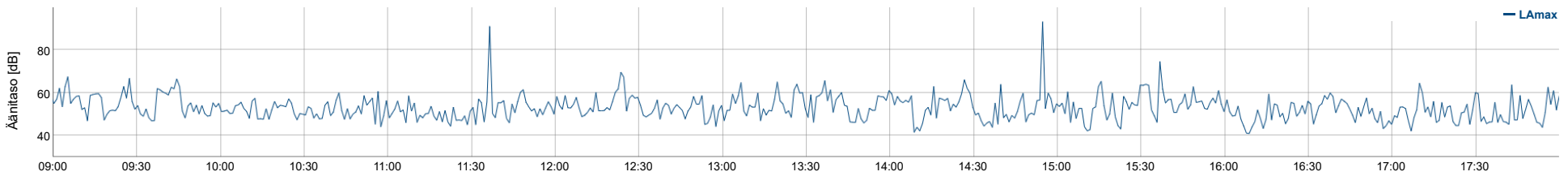
Spektrit



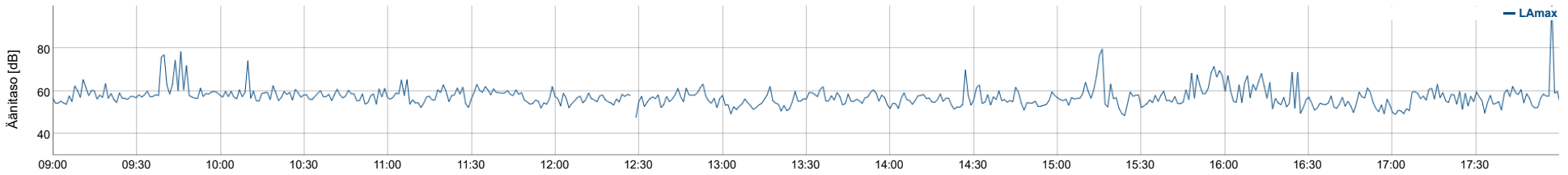
PS



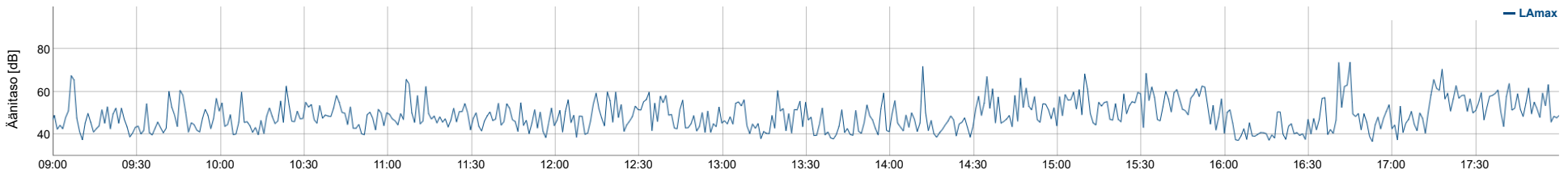
MP1



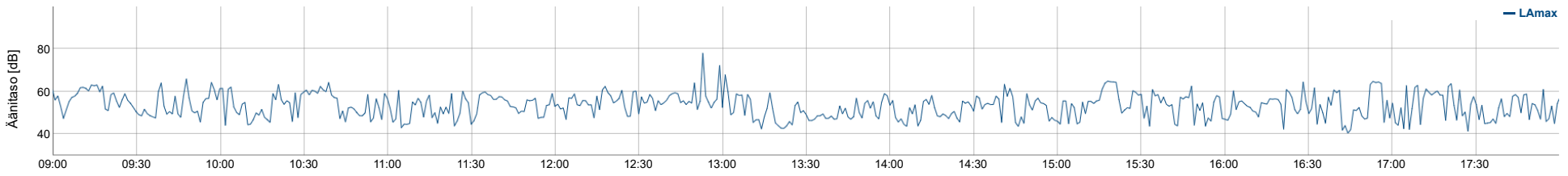
MP2



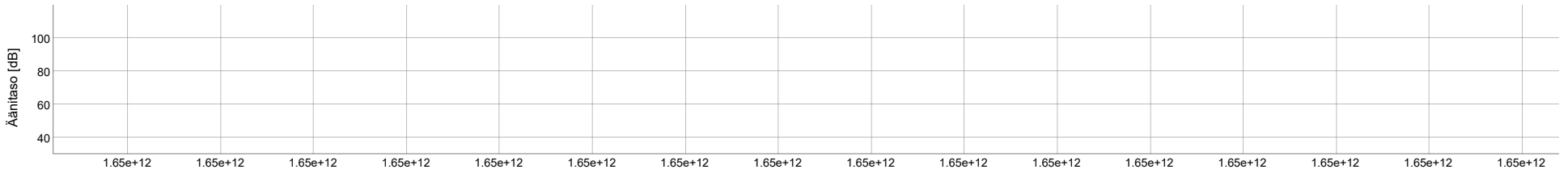
MP3



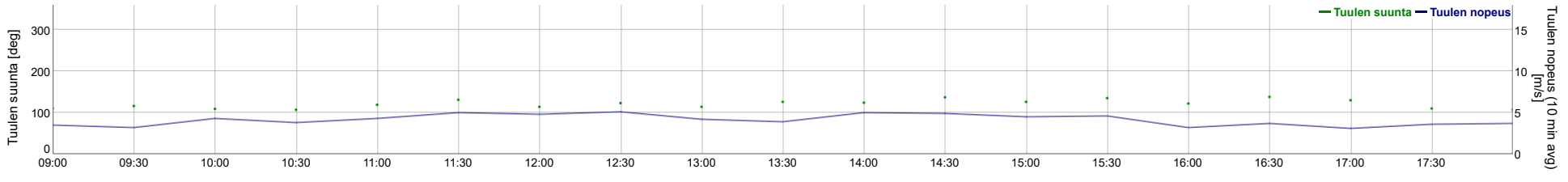
MP4



MP5



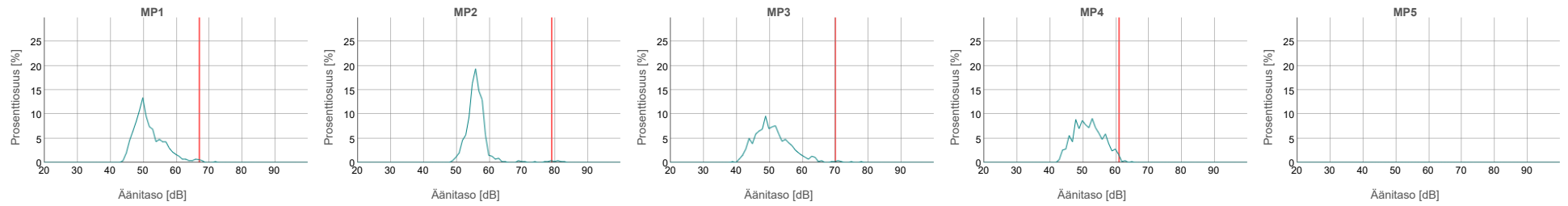
Säähavainnot



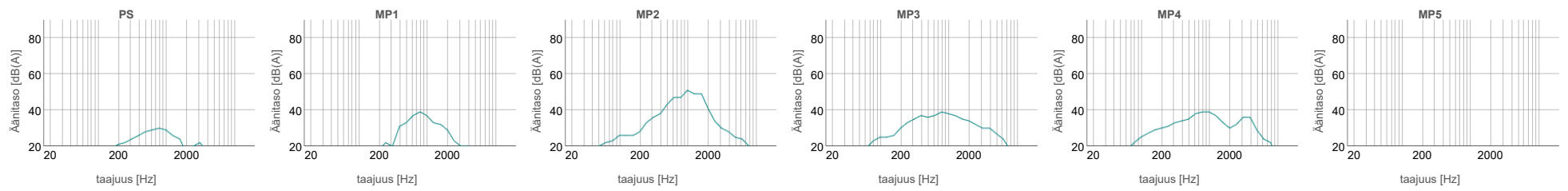
21.05.

0521	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	67	79	70	61	-
LAF,5%	-	61	61	61	60	-
LAF,50%	-	51	56	50	52	-
LAF,60dB	- %	6 %	6 %	6 %	3 %	- %
LAF,65dB	- %	1 %	2 %	1 %	0 %	- %
LAF,70dB	- %	0 %	1 %	1 %	0 %	- %
LAeq	37	48	55	47	47	-

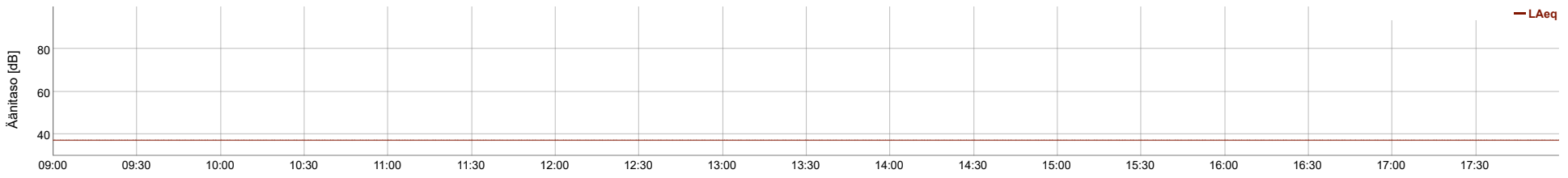
Pysyvyystasot



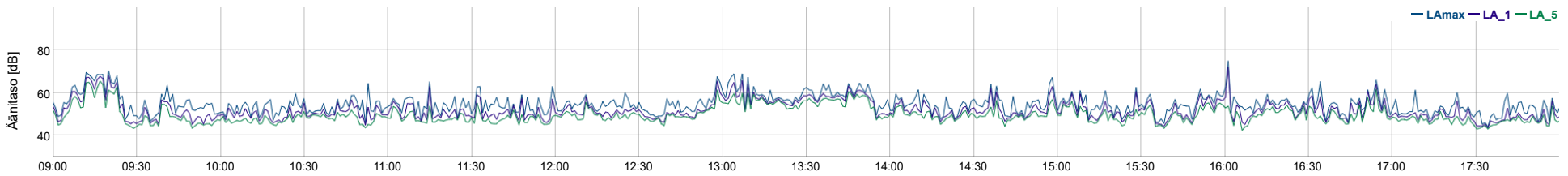
Spektrit



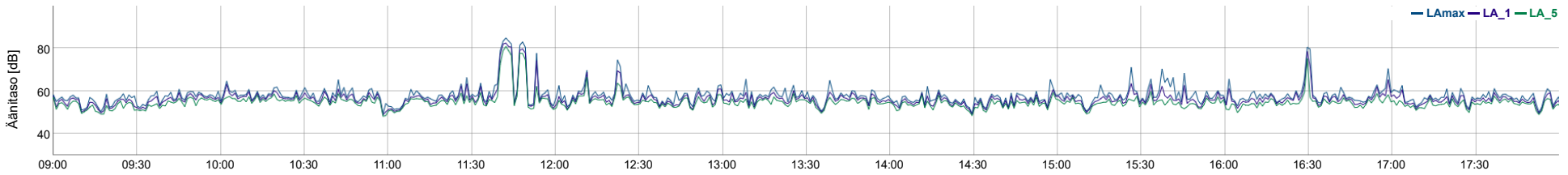
PS



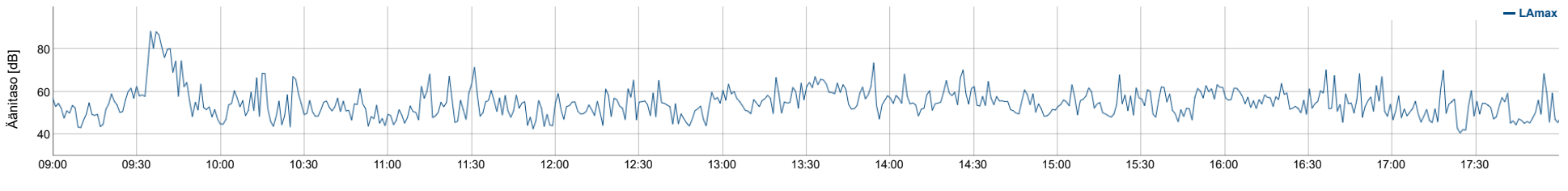
MP1



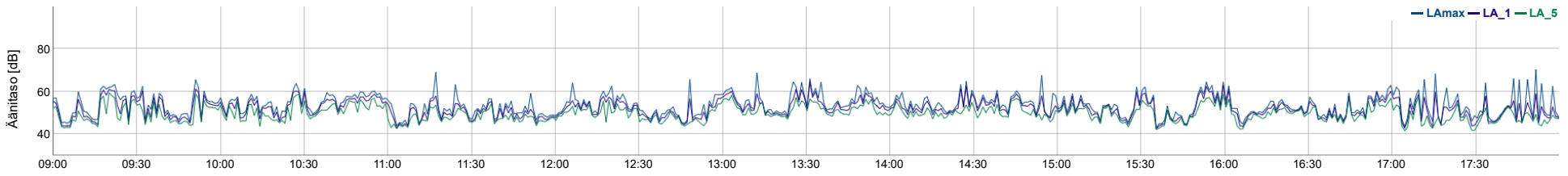
MP2



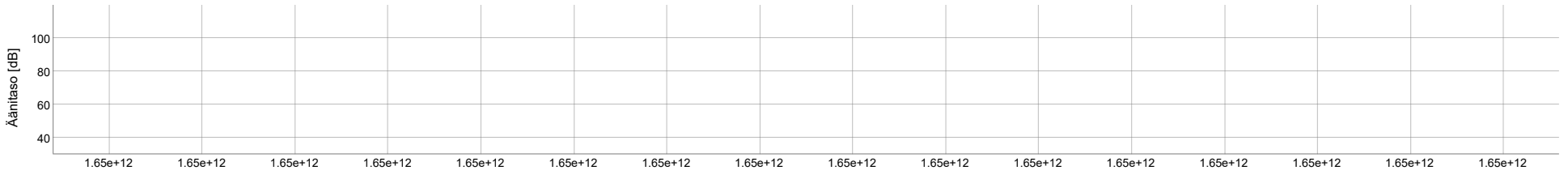
MP3



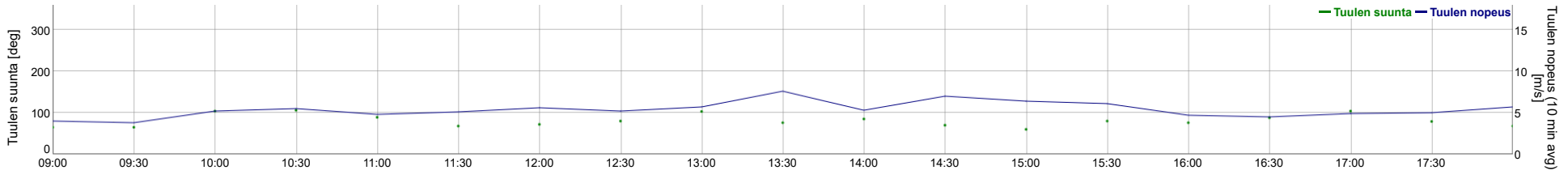
MP4



MP5



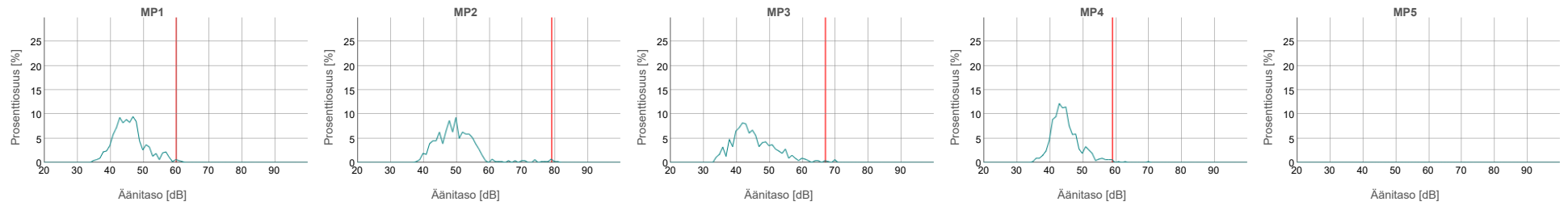
Säähavainnot



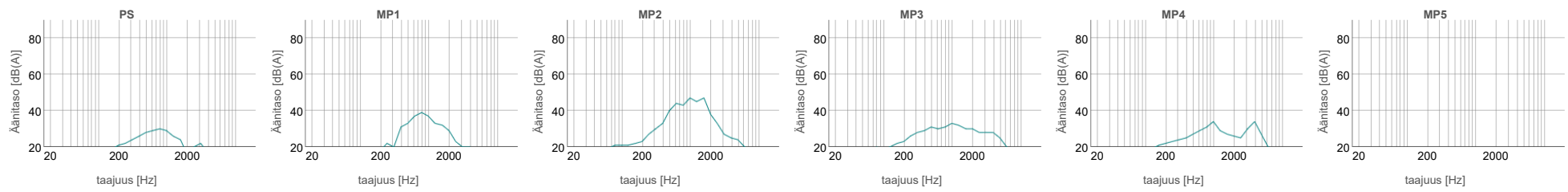
22.05.

0522	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	60	79	67	59	-
LAF,5%	-	56	59	58	53	-
LAF,50%	-	46	50	44	44	-
LAF,60dB	- %	0 %	4 %	3 %	0 %	- %
LAF,65dB	- %	0 %	3 %	1 %	0 %	- %
LAF,70dB	- %	0 %	2 %	0 %	0 %	- %
LAeq	37	42	52	41	41	-

Pysyvyystasot



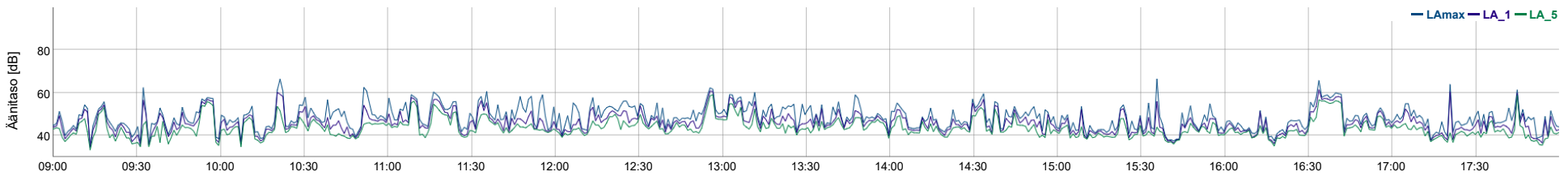
Spektrit



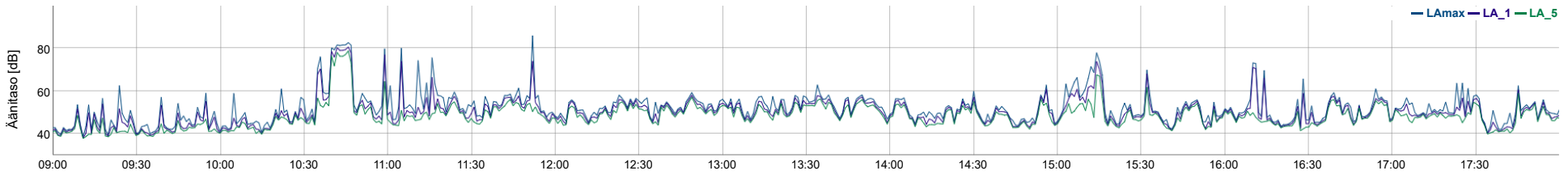
PS



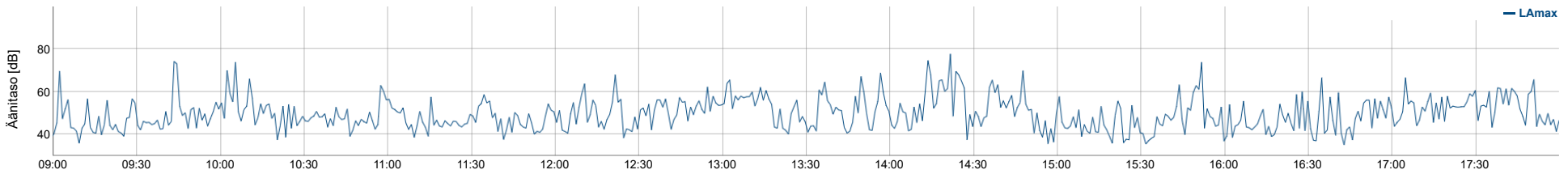
MP1



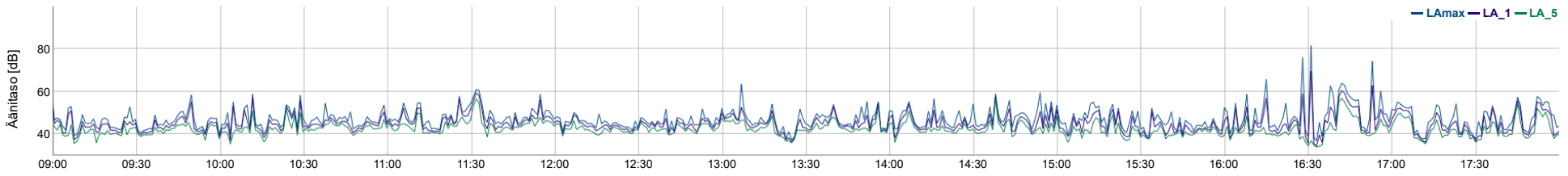
MP2



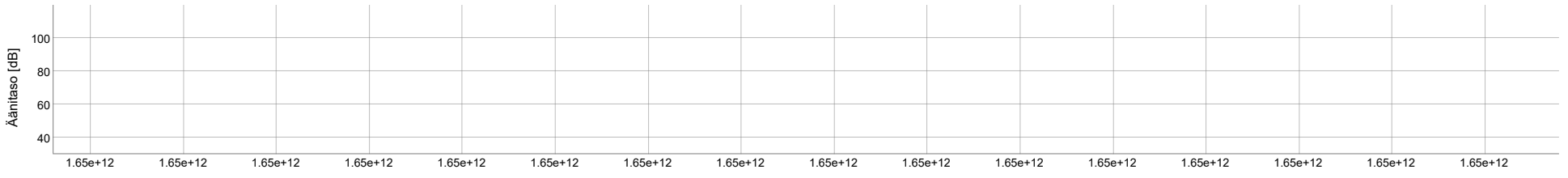
MP3



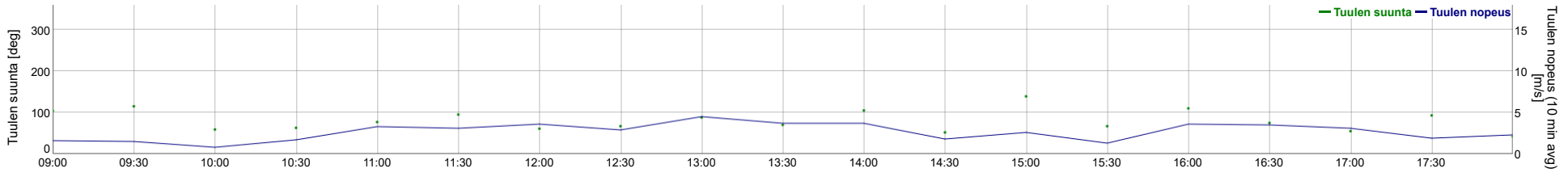
MP4



MP5



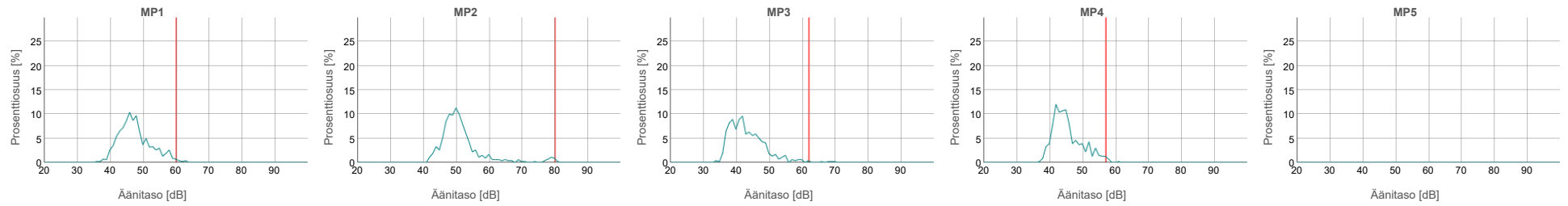
Säähavainnot



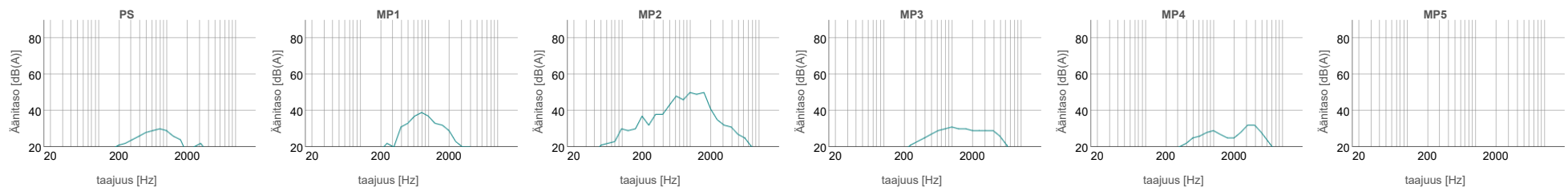
23.05.

0523	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	60	80	62	57	-
LAF,5%	-	58	66	54	54	-
LAF,50%	-	47	50	42	45	-
LAF,60dB	- %	1 %	8 %	1 %	0 %	- %
LAF,65dB	- %	0 %	5 %	0 %	0 %	- %
LAF,70dB	- %	0 %	3 %	0 %	0 %	- %
LAeq	37	43	56	40	39	-

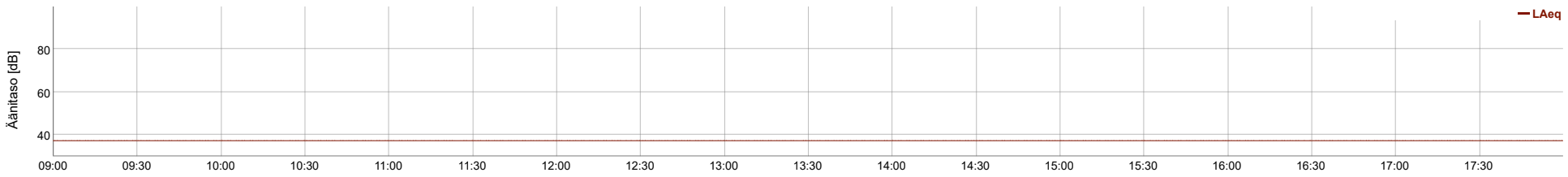
Pysyvyystasot



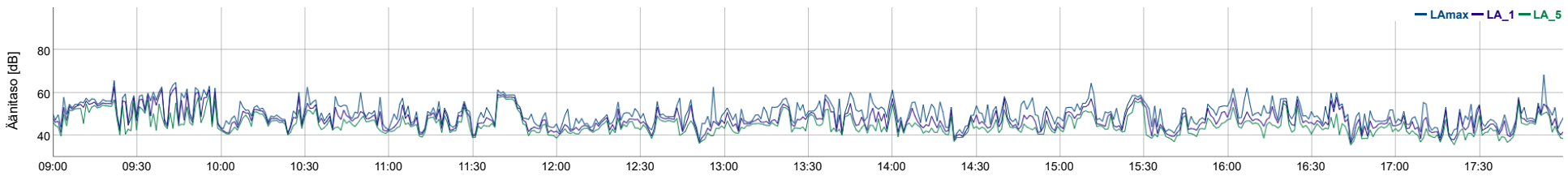
Spektrit



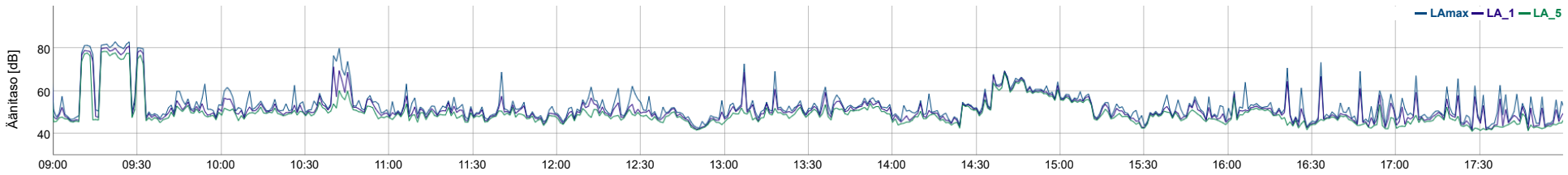
PS



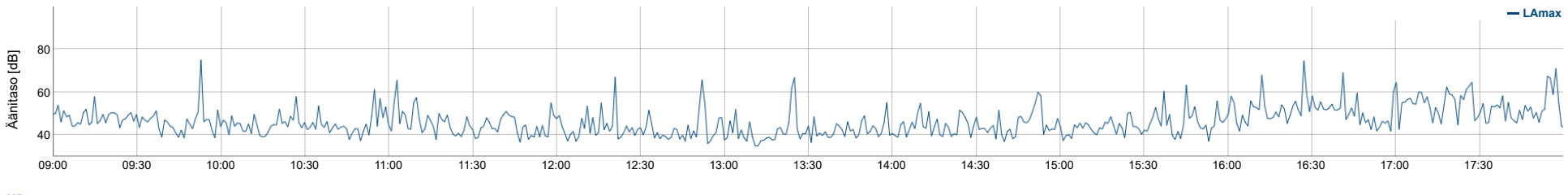
MP1



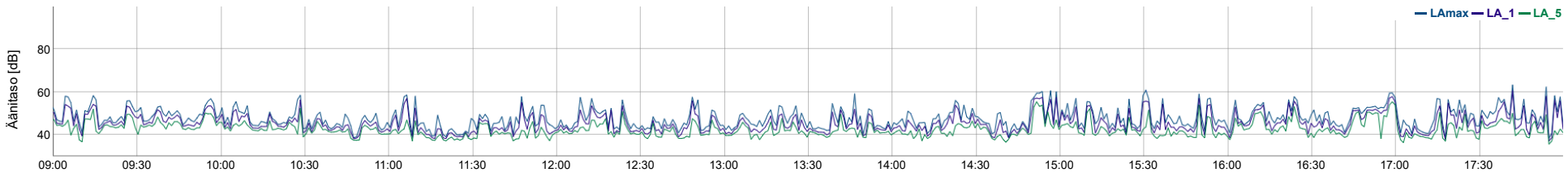
MP2



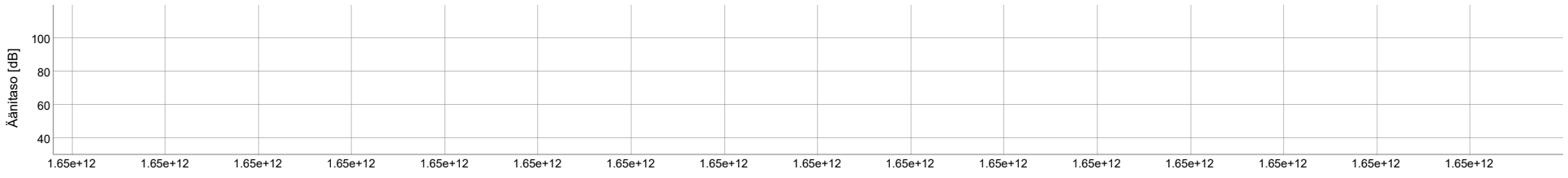
MP3



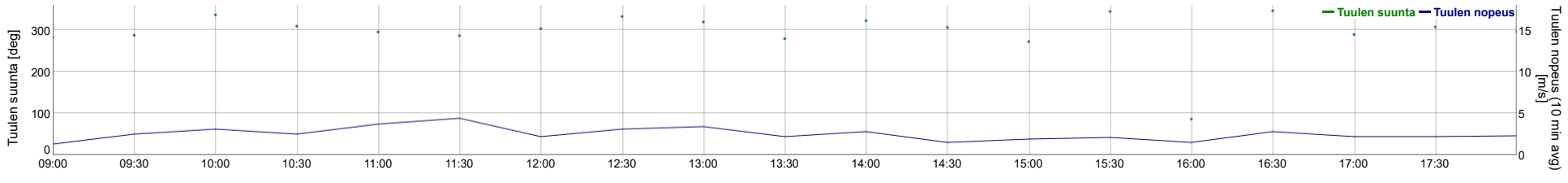
MP4



MP5



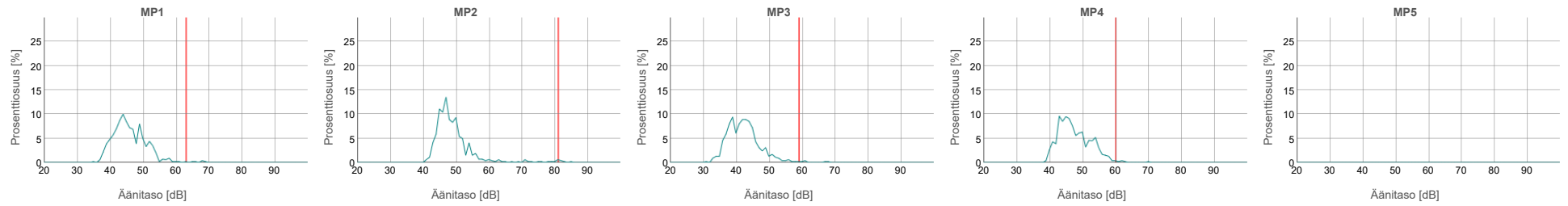
Säähavainnot



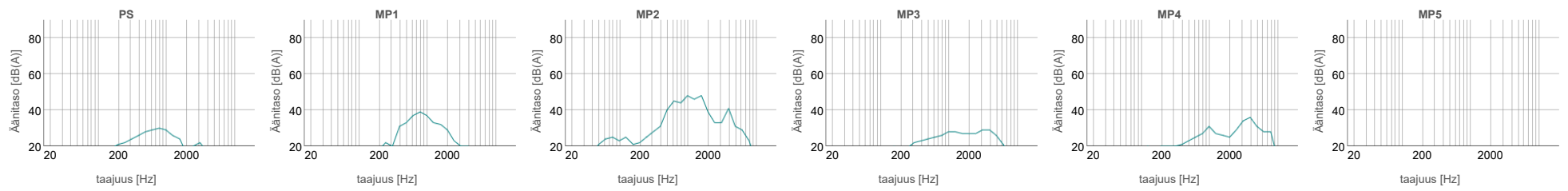
24.05.

0524	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	63	81	59	60	-
LAF,5%	-	54	60	51	56	-
LAF,50%	-	45	48	42	47	-
LAF,60dB	- %	1 %	5 %	0 %	1 %	- %
LAF,65dB	- %	0 %	3 %	0 %	0 %	- %
LAF,70dB	- %	0 %	3 %	0 %	0 %	- %
LAeq	37	41	54	38	41	-

Pysyvyystasot



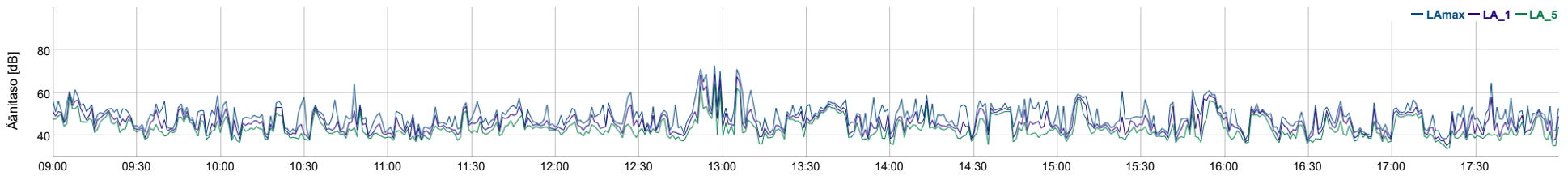
Spektrit



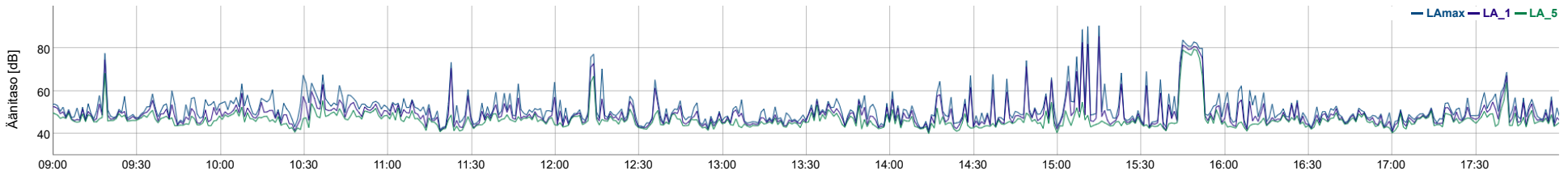
PS



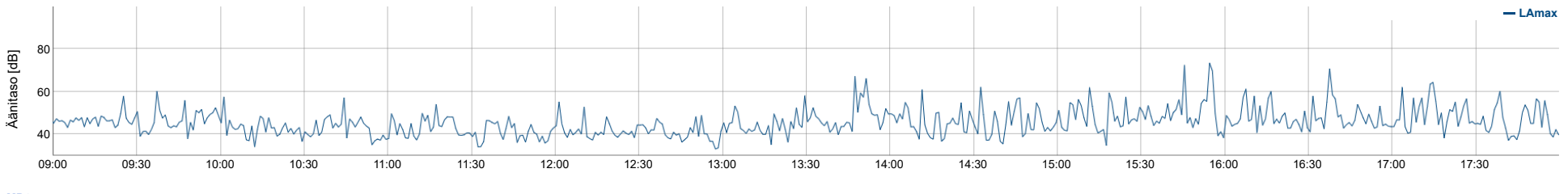
MP1



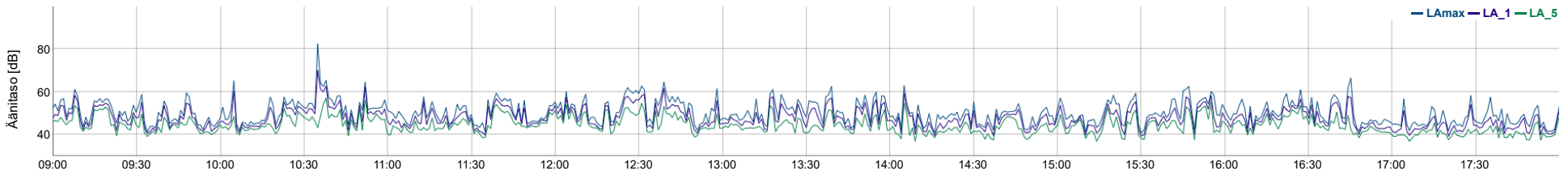
MP2



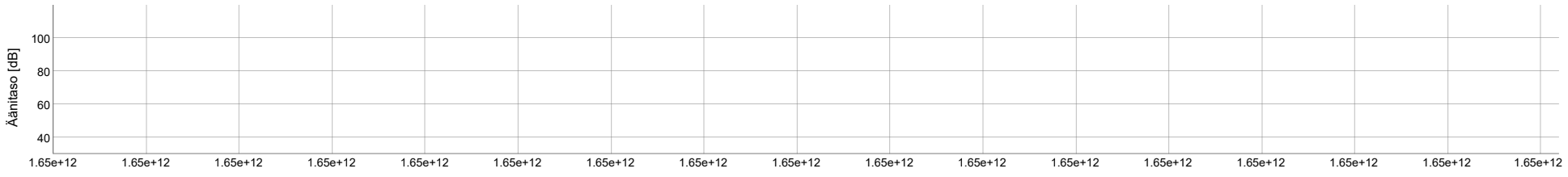
MP3



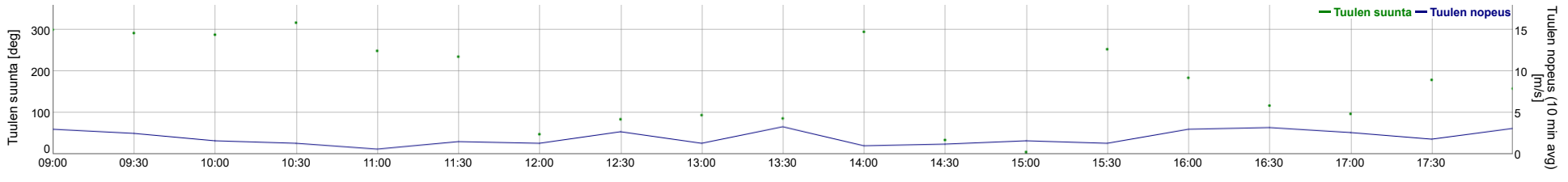
MP4



MP5



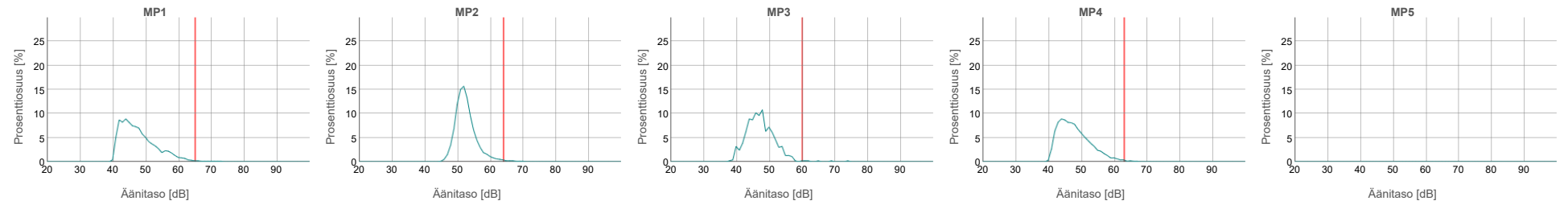
Säähavainnot



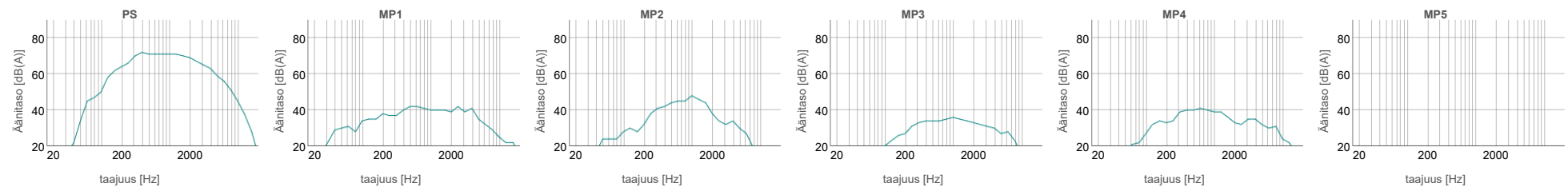
25.05.

0525	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	106	65	64	60	63	-
LAF,5%	104	59	59	54	57	-
LAF,50%	93	47	52	47	47	-
LAF,60dB	90 %	3 %	3 %	0 %	2 %	- %
LAF,65dB	86 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	83 %	0 %	0 %	0 %	0 %	- %
LAeq	82	53	53	45	50	-

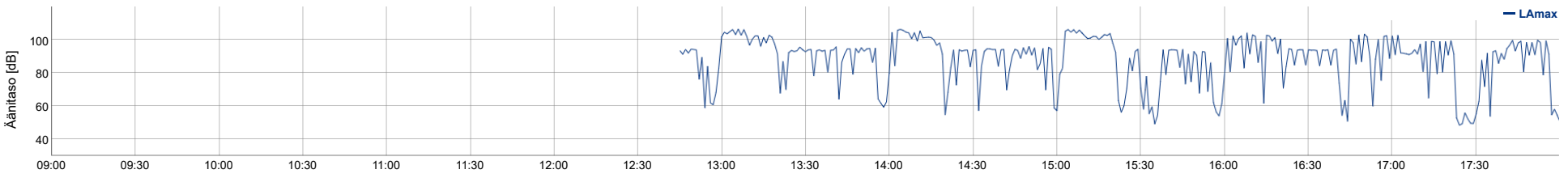
Pysyvyystasot



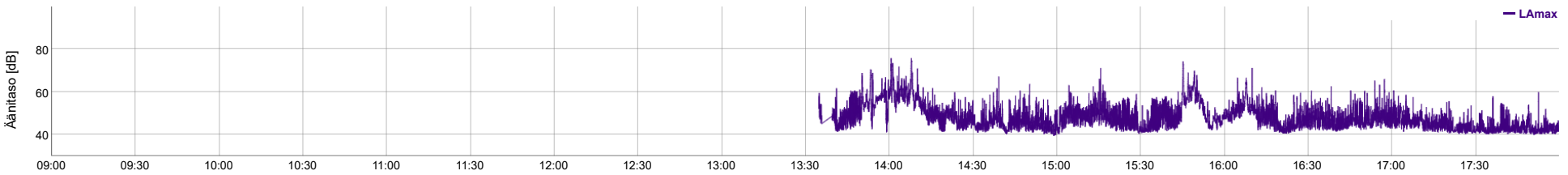
Spektrit



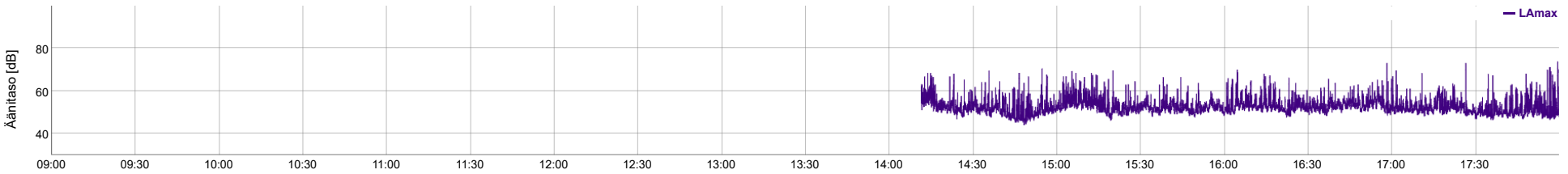
PS



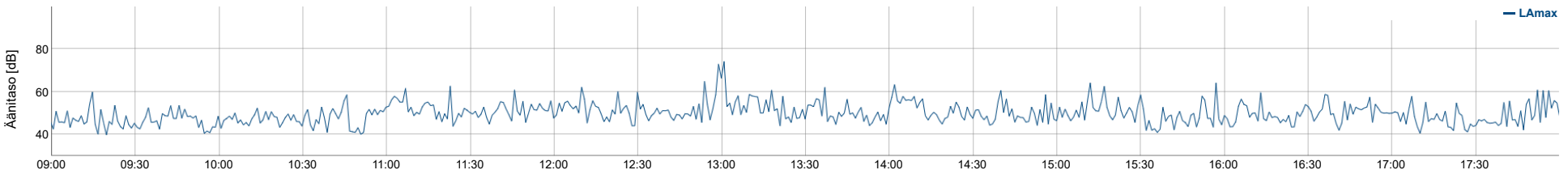
MP1



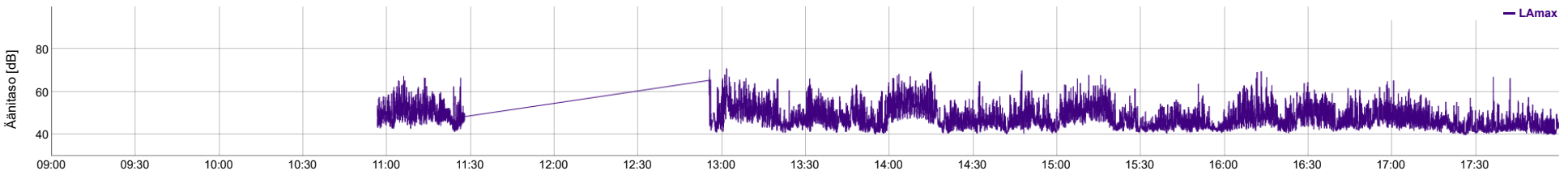
MP2



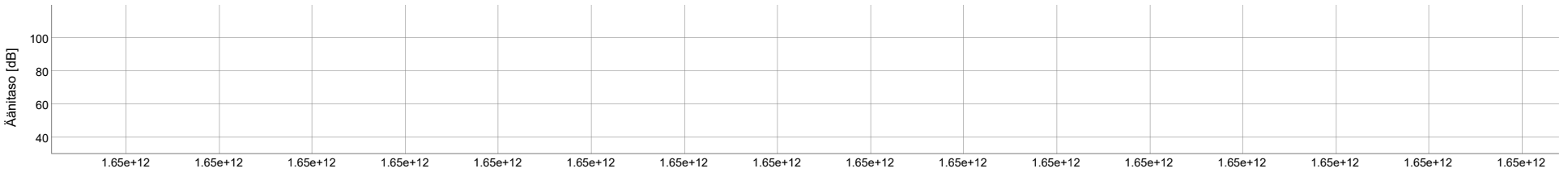
MP3



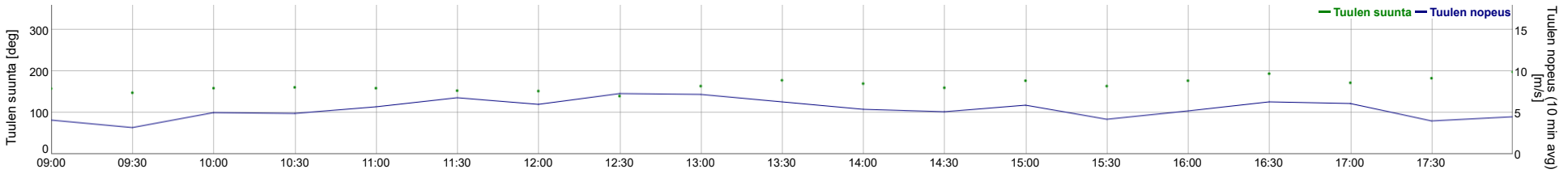
MP4



MP5



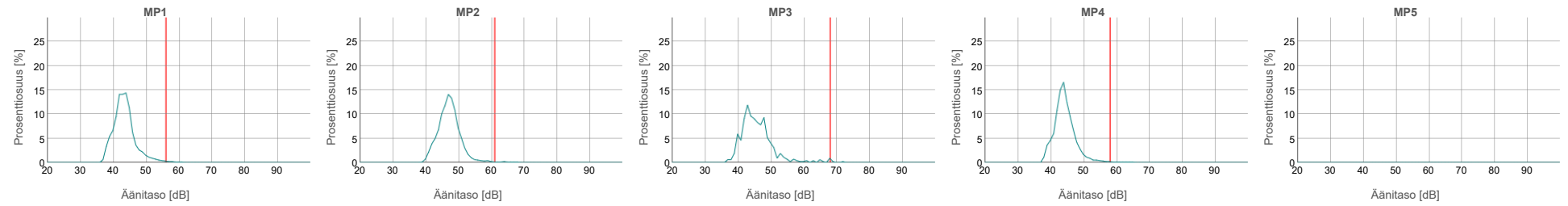
Säähavainnot



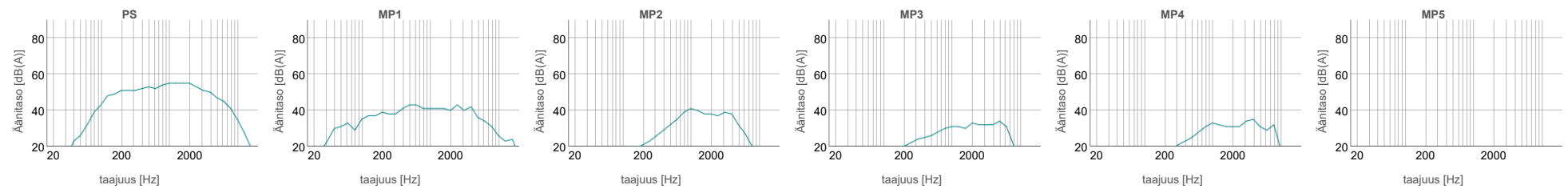
26.05.

0526	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	88	56	61	68	58	-
LAF,5%	86	50	53	55	50	-
LAF,50%	71	43	47	45	44	-
LAF,60dB	64 %	0 %	1 %	2 %	0 %	- %
LAF,65dB	56 %	0 %	0 %	1 %	0 %	- %
LAF,70dB	52 %	0 %	0 %	0 %	0 %	- %
LAeq	65	44	49	42	45	-

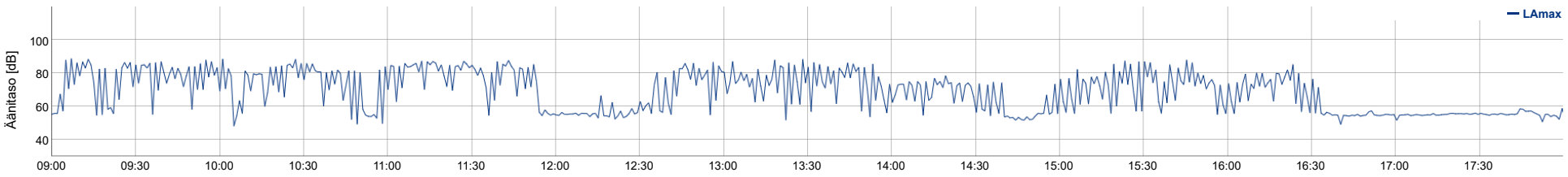
Pysyvyystasot



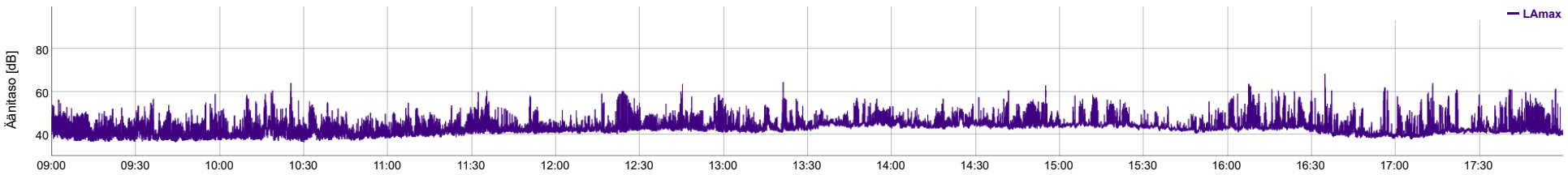
Spektrit



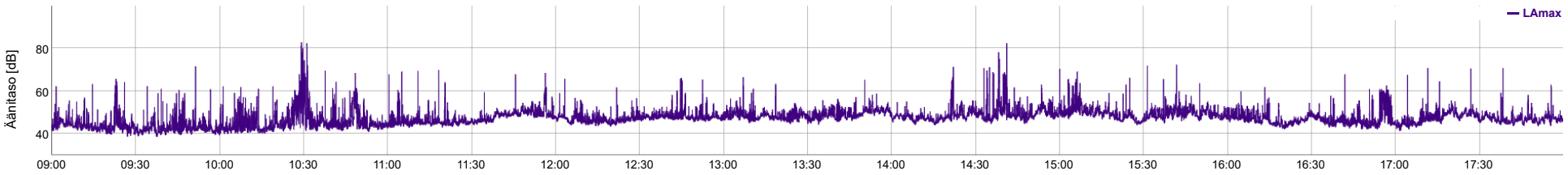
PS



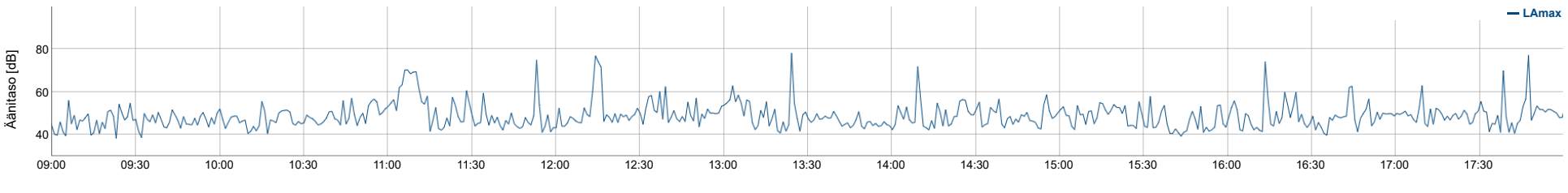
MP1



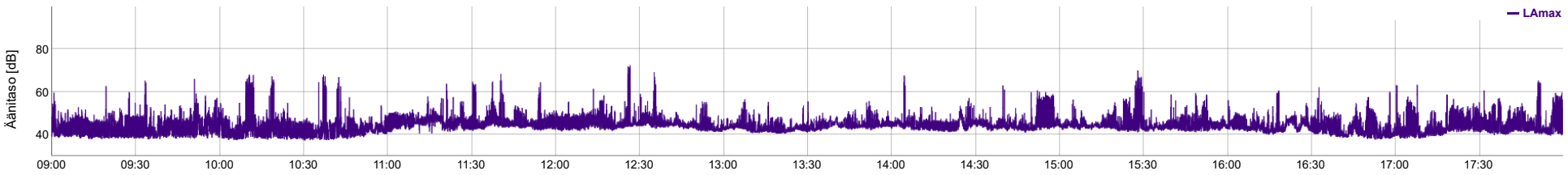
MP2



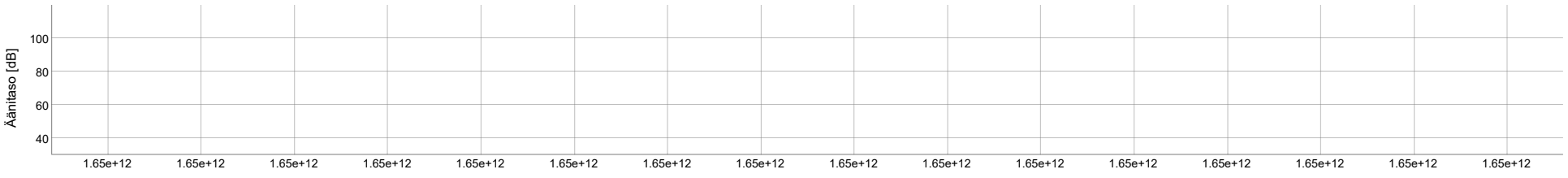
MP3



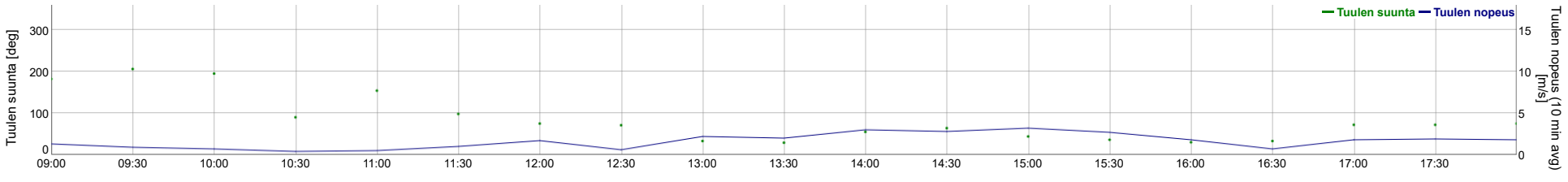
MP4



MP5



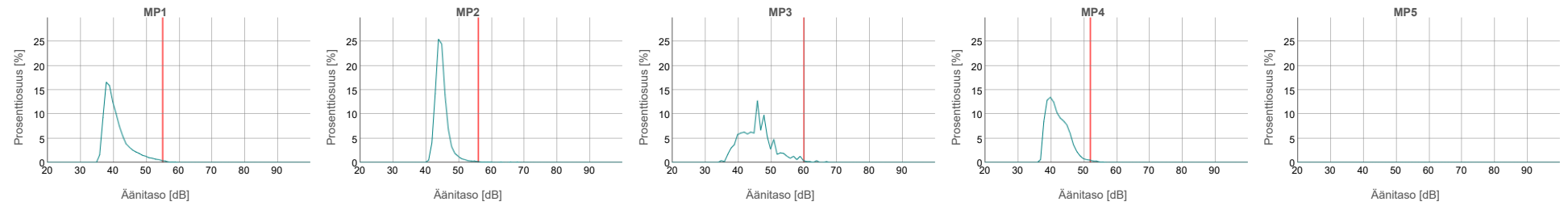
Säähavainnot



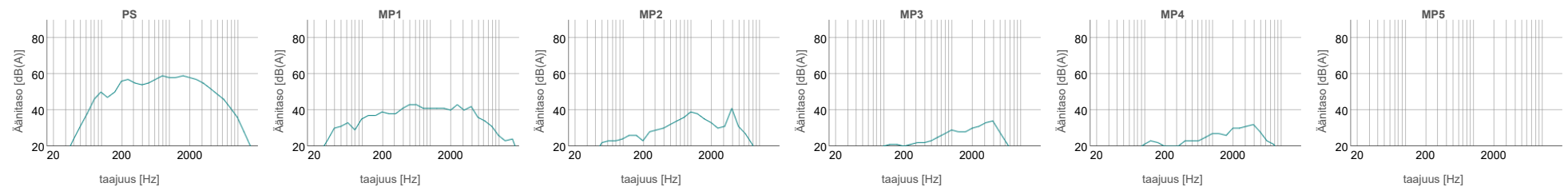
27.05.

0527	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	96	55	56	60	52	-
LAF,5%	93	50	49	56	48	-
LAF,50%	62	40	45	46	42	-
LAF,60dB	51 %	0 %	0 %	1 %	0 %	- %
LAF,65dB	45 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	41 %	0 %	0 %	0 %	0 %	- %
LAeq	68	42	47	40	41	-

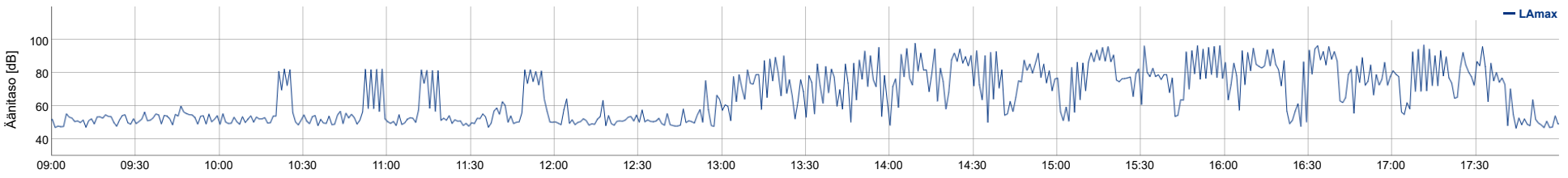
Pysyvyystasot



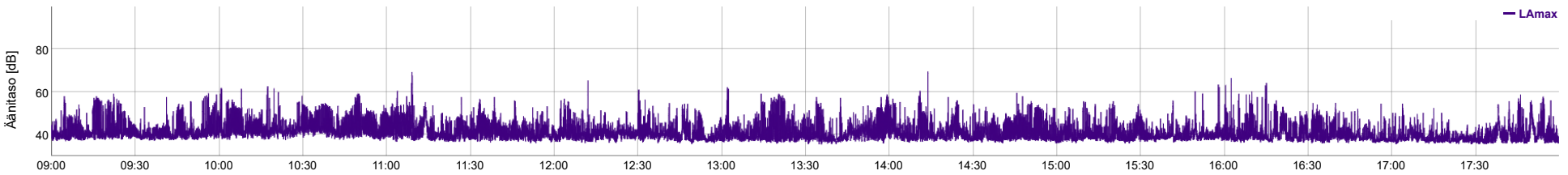
Spektrit



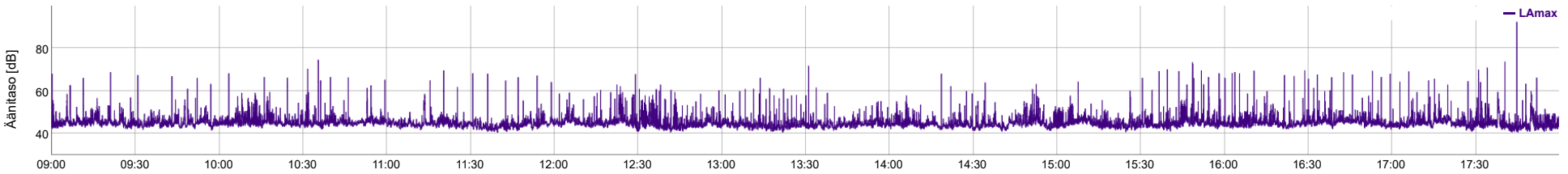
PS



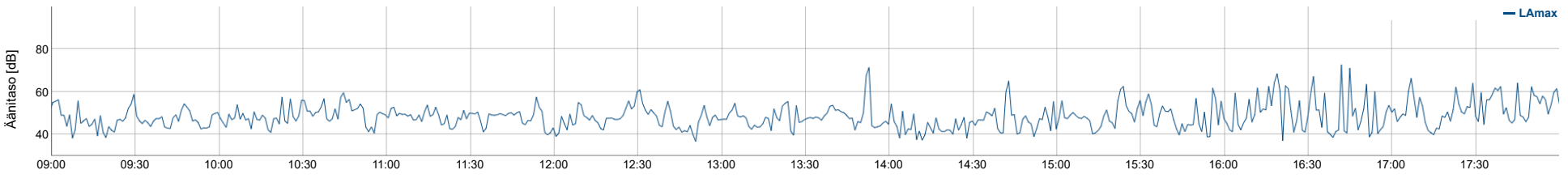
MP1



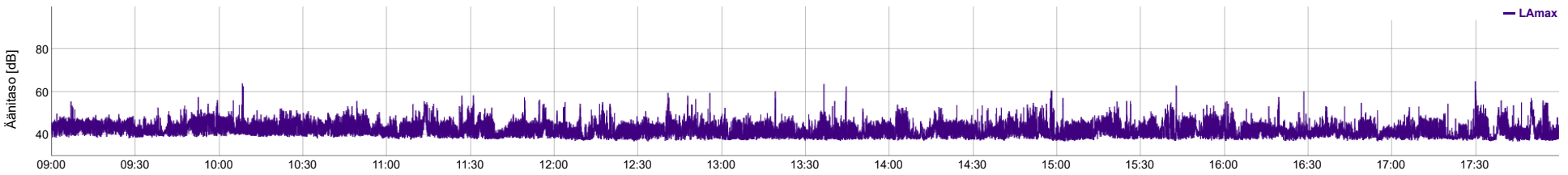
MP2



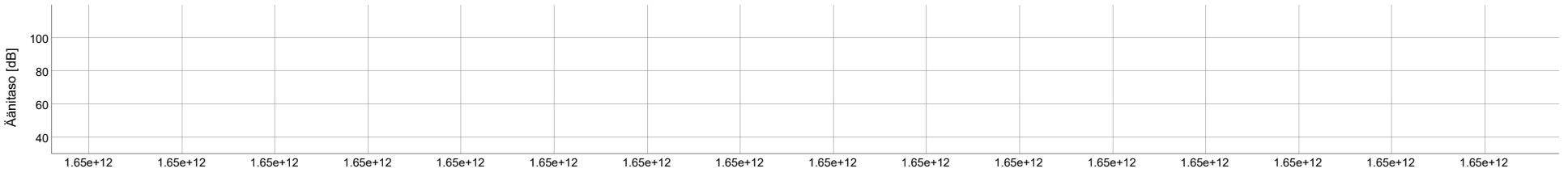
MP3



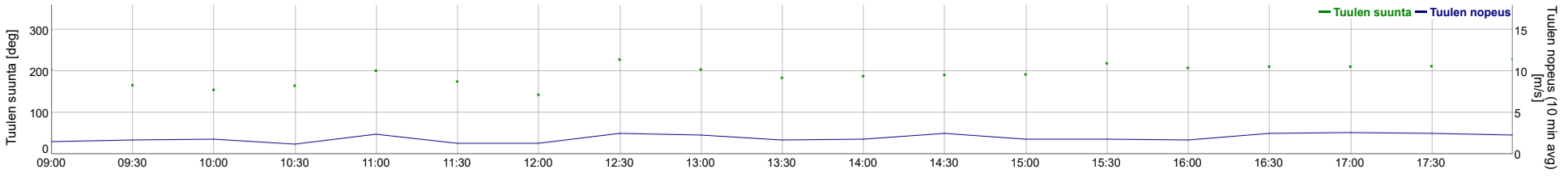
MP4



MP5



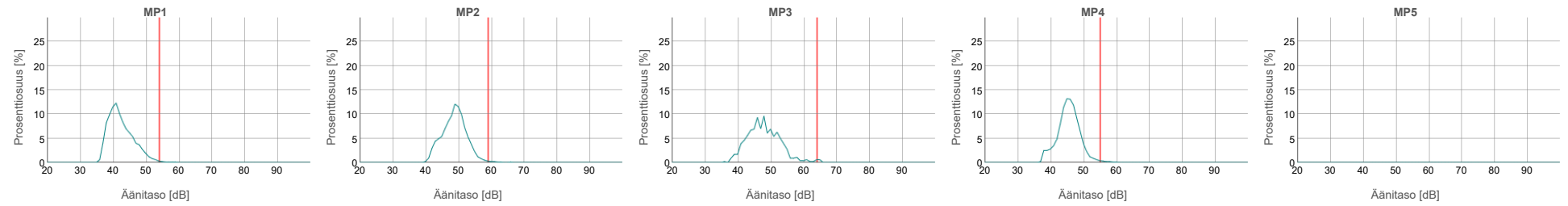
Säähavainnot



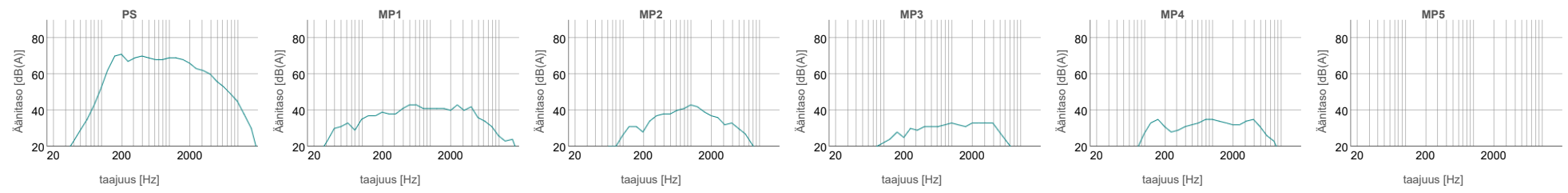
28.05.

0528	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	98	54	59	64	55	-
LAF,5%	96	50	55	56	51	-
LAF,50%	91	42	49	48	46	-
LAF,60dB	86 %	0 %	0 %	2 %	0 %	- %
LAF,65dB	82 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	79 %	0 %	0 %	0 %	0 %	- %
LAeq	80	43	50	43	46	-

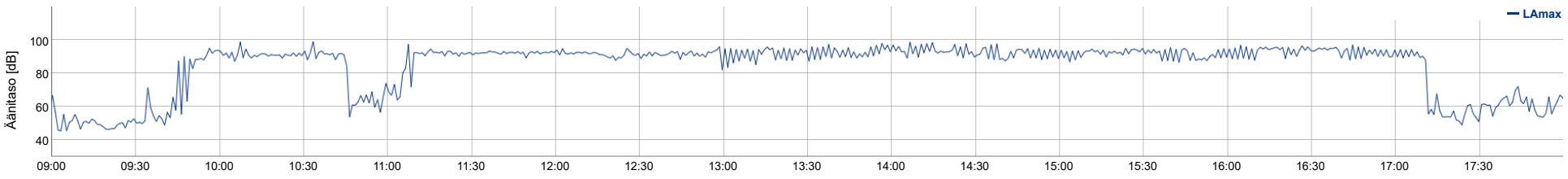
Pysyvyystasot



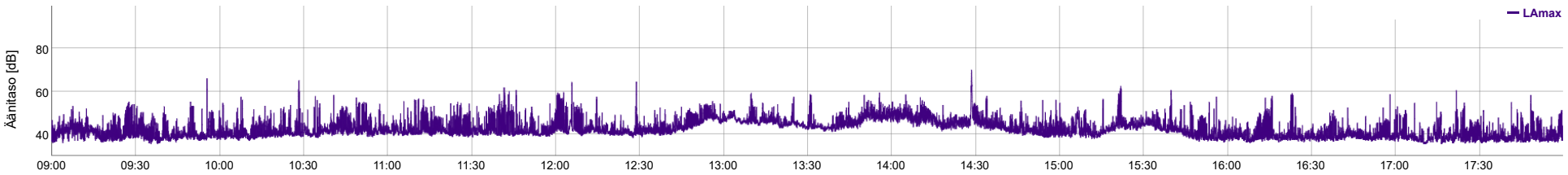
Spektrit



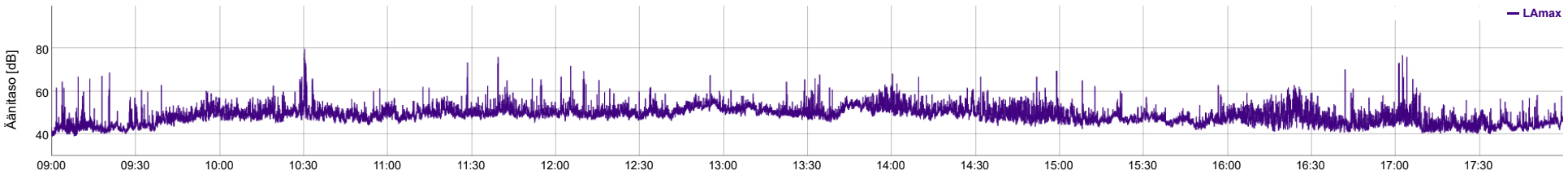
PS



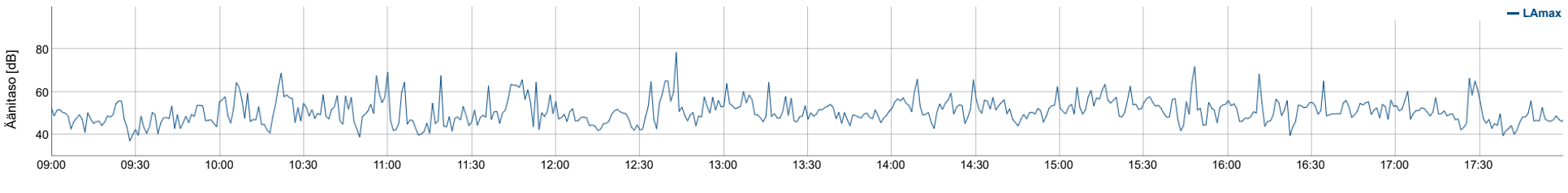
MP1



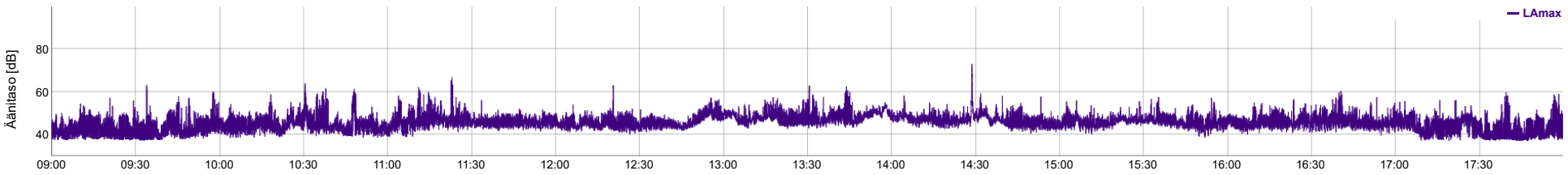
MP2



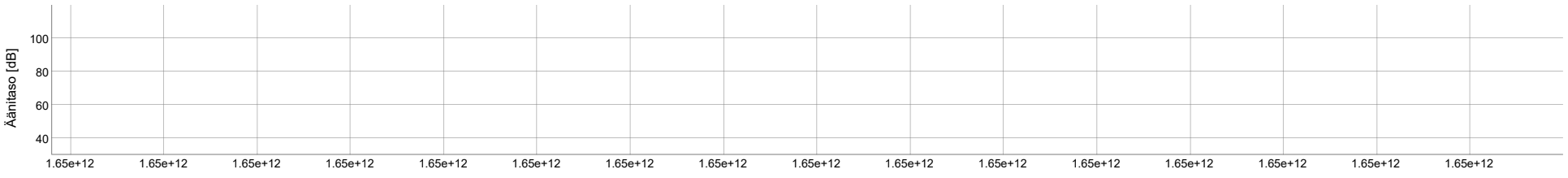
MP3



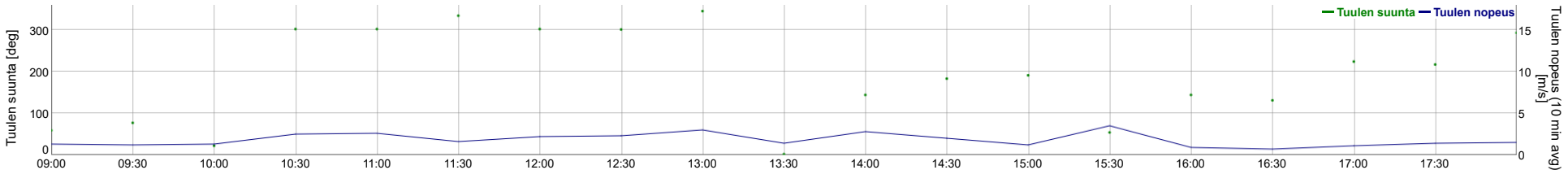
MP4



MP5



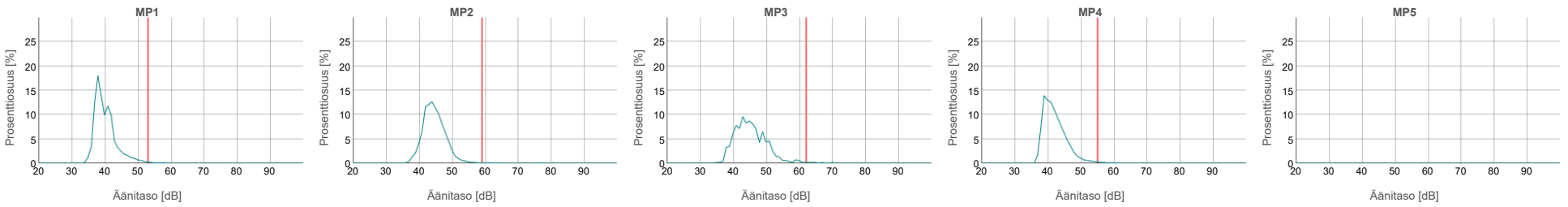
Säähavainnot



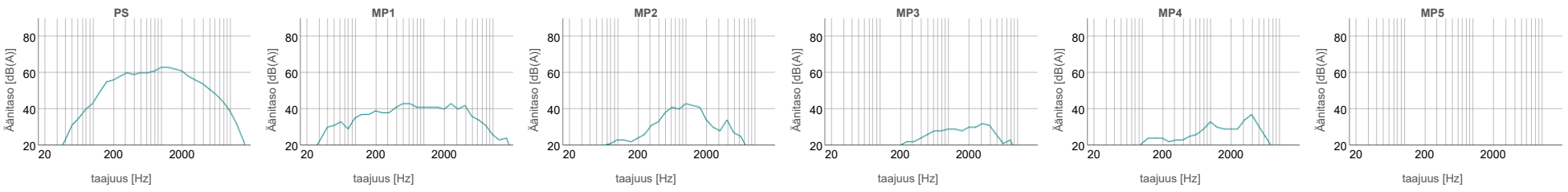
29.05.

0529	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	96	53	59	62	55	-
LAF,5%	94	48	51	54	49	-
LAF,50%	80	40	44	45	42	-
LAF,60dB	77 %	0 %	0 %	1 %	0 %	- %
LAF,65dB	73 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	68 %	0 %	0 %	0 %	0 %	- %
LAeq	72	41	49	40	43	-

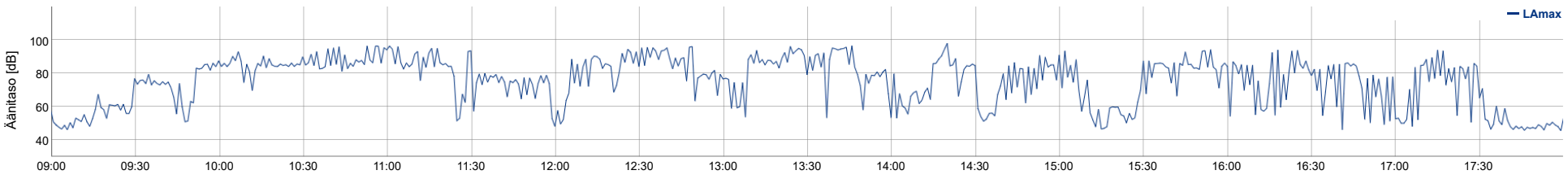
Pysyvyystasot



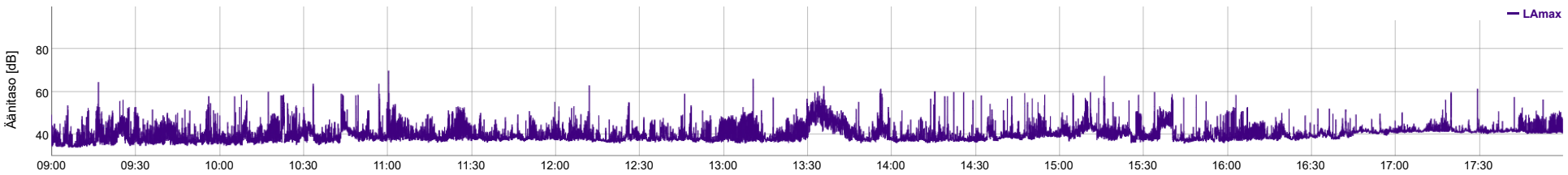
Spektrit



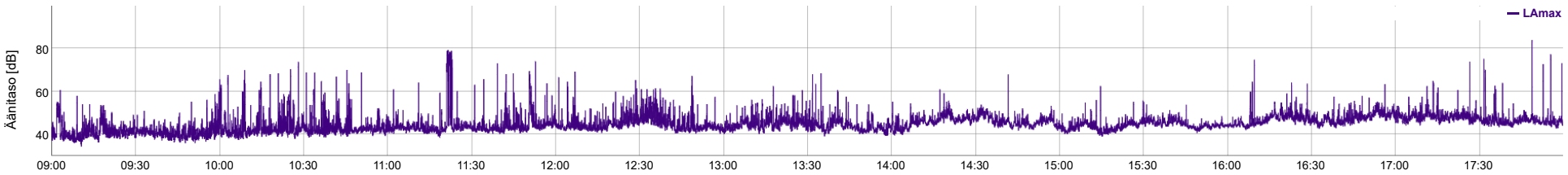
PS



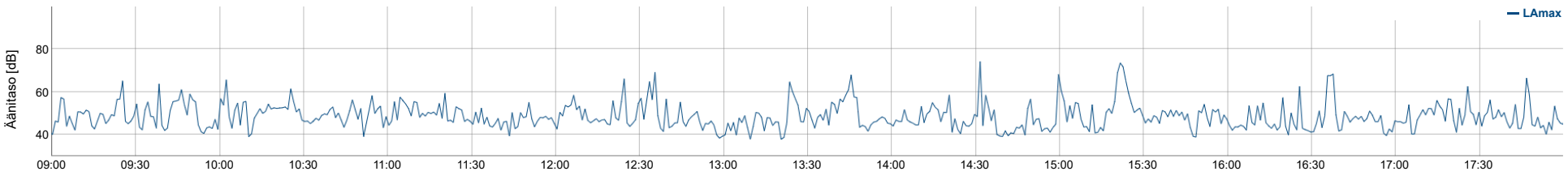
MP1



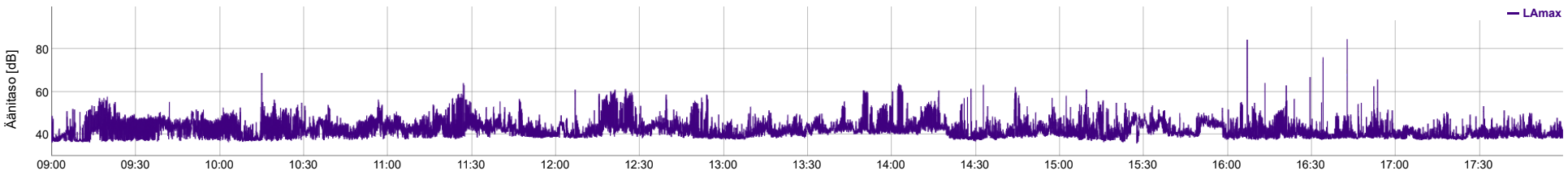
MP2



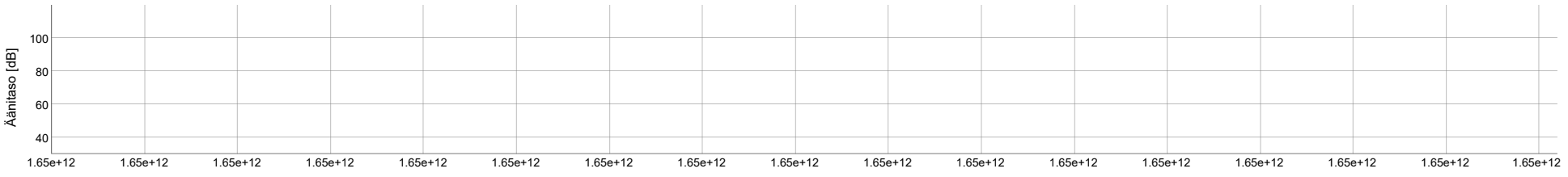
MP3



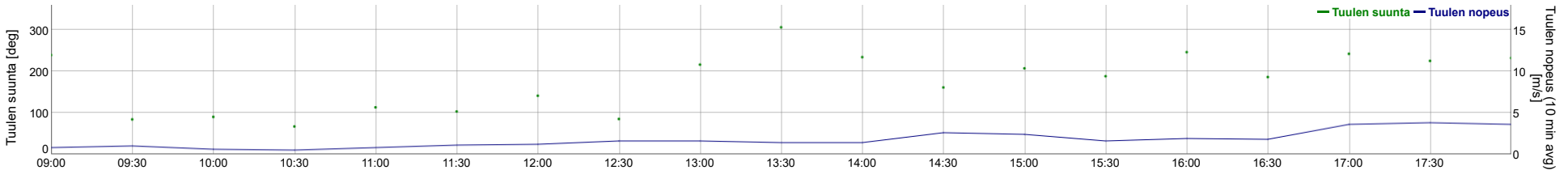
MP4



MP5



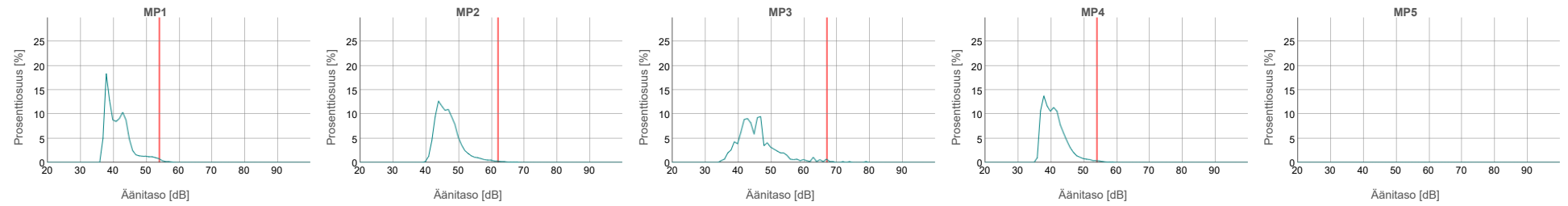
Säähavainnot



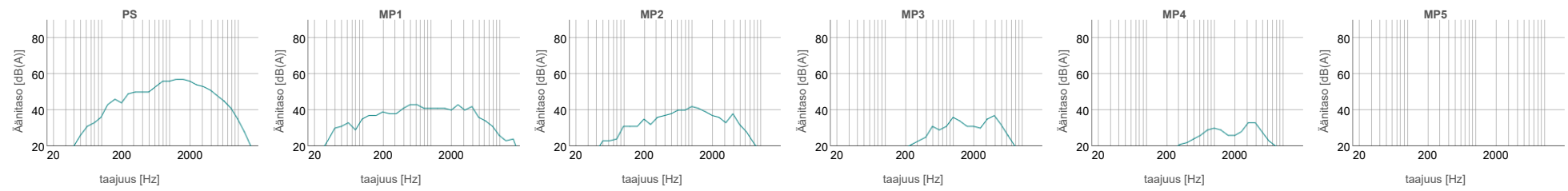
30.05.

0530	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	97	54	62	67	54	-
LAF,5%	91	51	55	59	48	-
LAF,50%	54	41	46	45	41	-
LAF,60dB	36 %	0 %	1 %	4 %	0 %	- %
LAF,65dB	29 %	0 %	0 %	1 %	0 %	- %
LAF,70dB	25 %	0 %	0 %	0 %	0 %	- %
LAeq	65	43	50	43	41	-

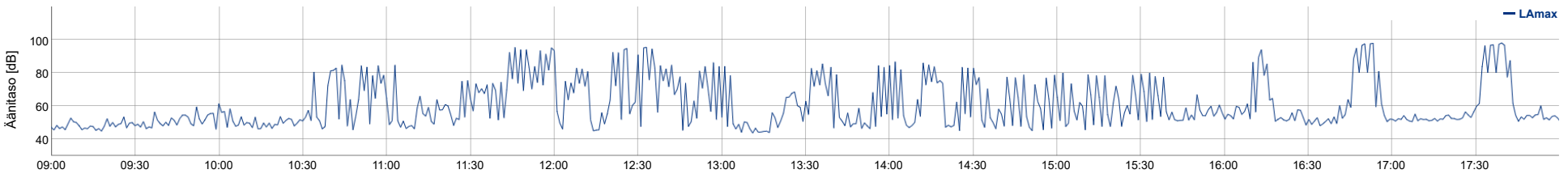
Pysyvyystasot



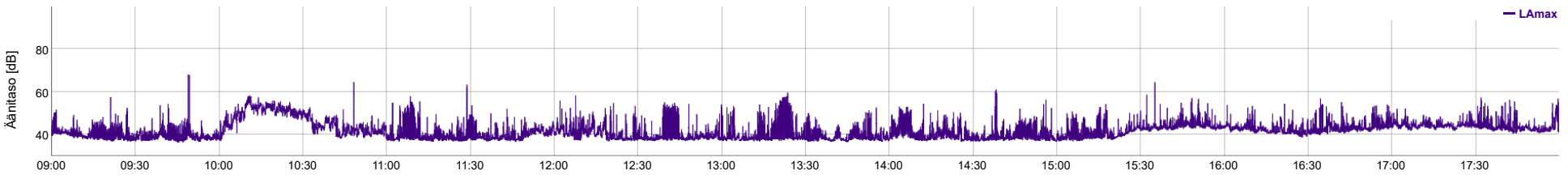
Spektrit



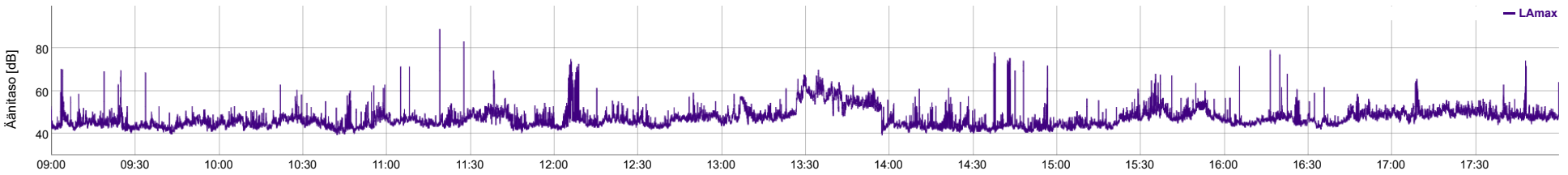
PS



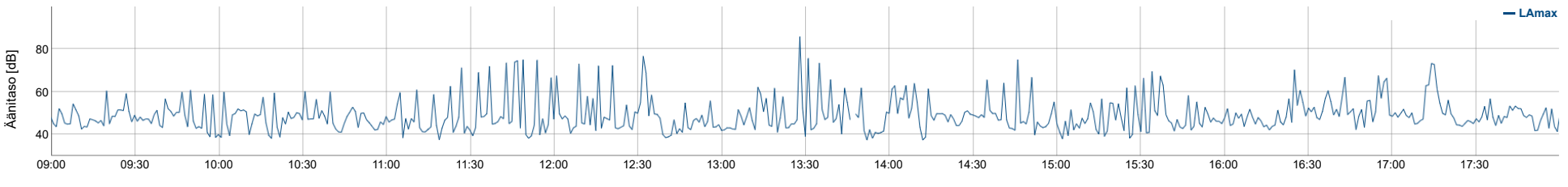
MP1



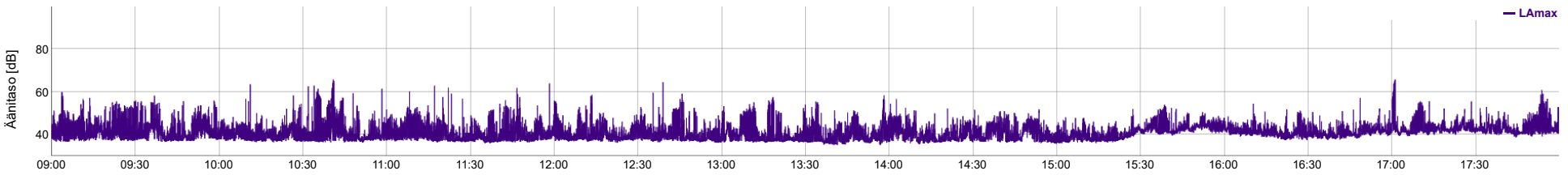
MP2



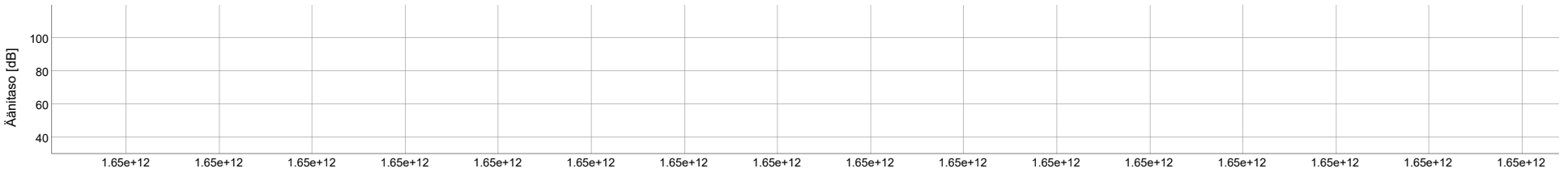
MP3



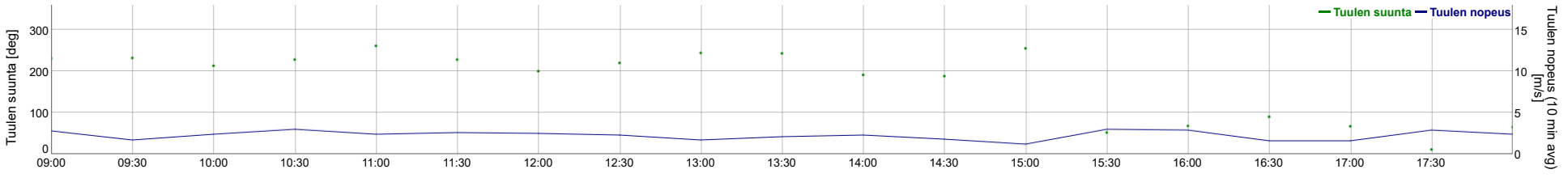
MP4



MP5



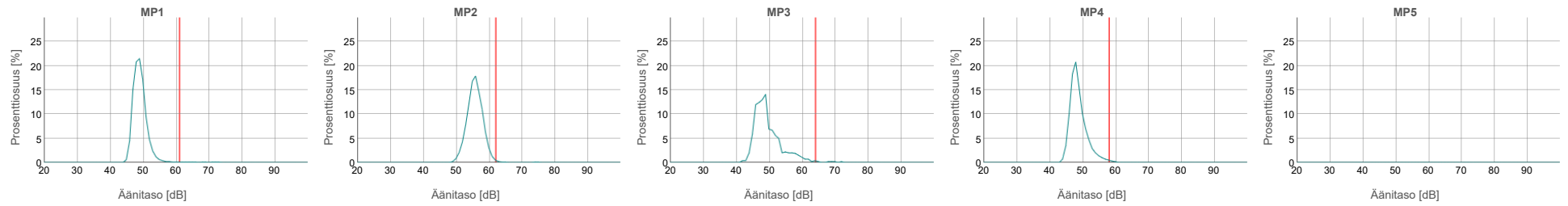
Säähavainnot



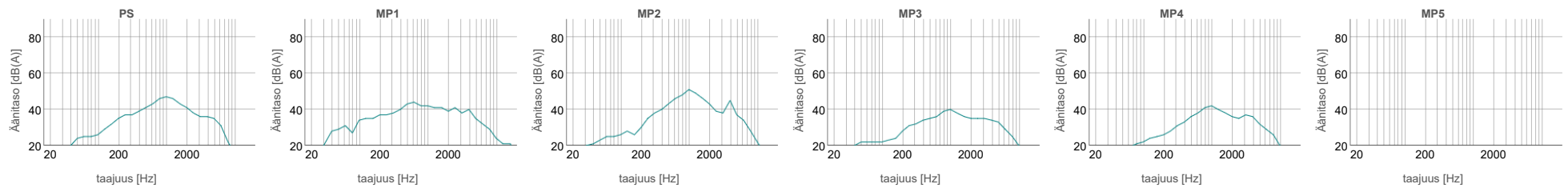
31.05.

0531	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	66	61	62	64	58	-
LAF,5%	62	53	60	59	54	-
LAF,50%	58	49	56	49	48	-
LAF,60dB	22 %	1 %	3 %	3 %	0 %	- %
LAF,65dB	1 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	0 %	0 %	0 %	0 %	0 %	- %
LAeq	54	50	57	47	49	-

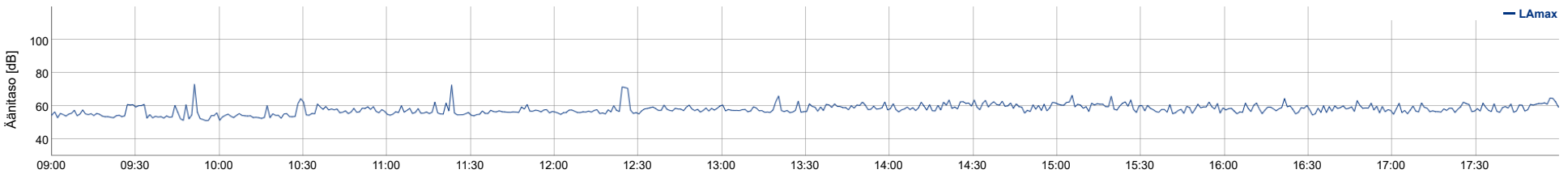
Pysyvyystasot



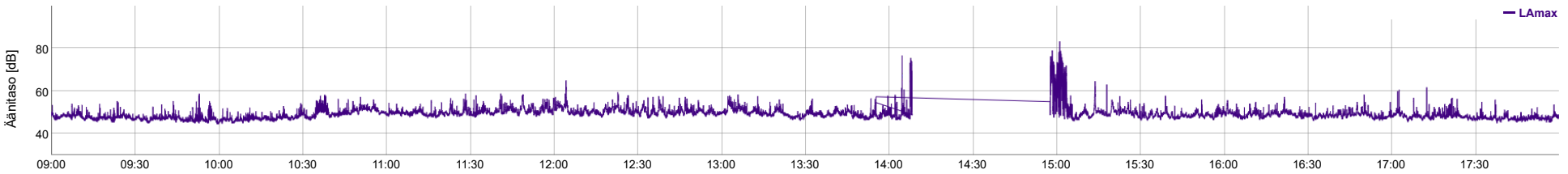
Spektrit



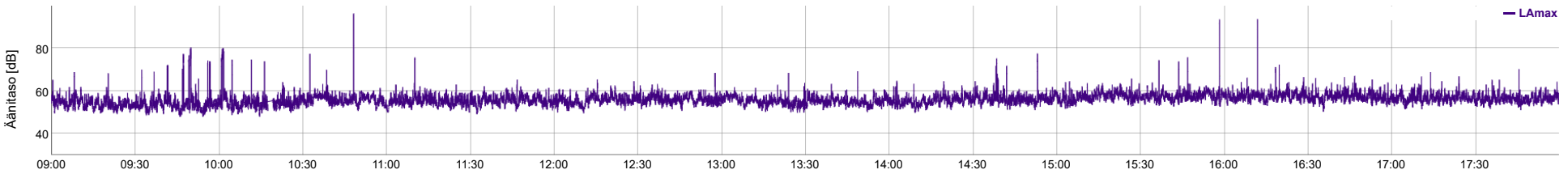
PS



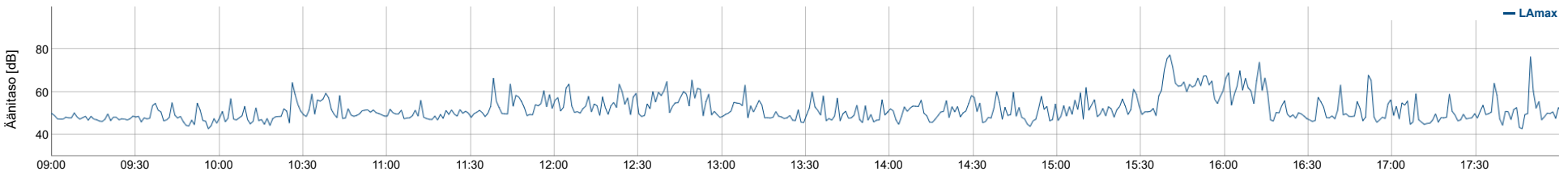
MP1



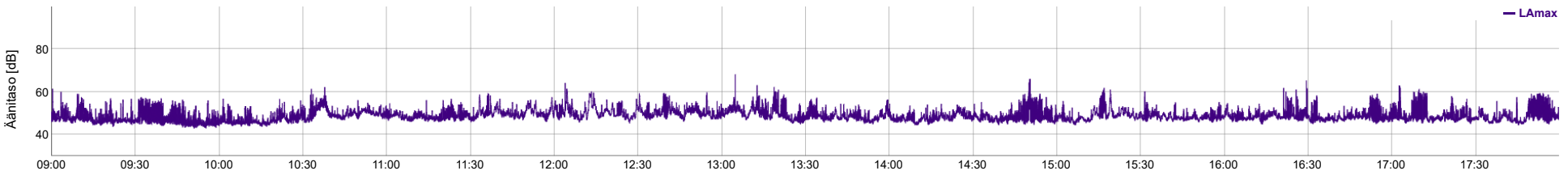
MP2



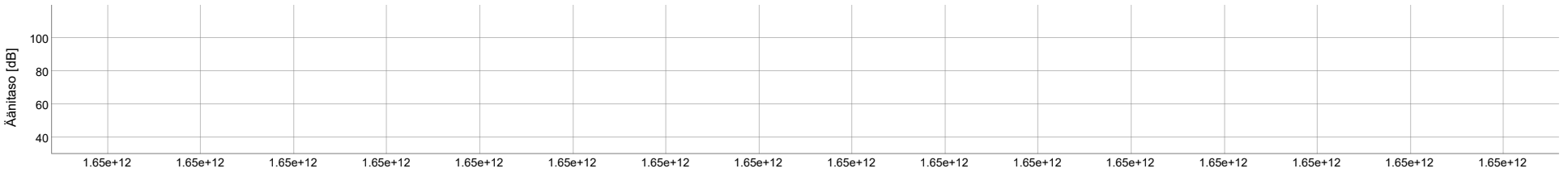
MP3



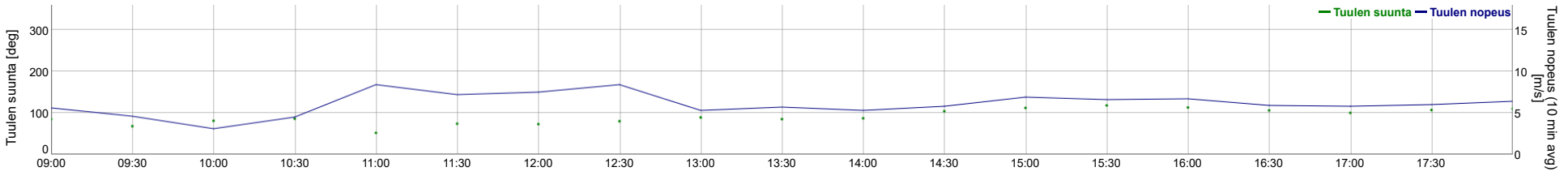
MP4



MP5



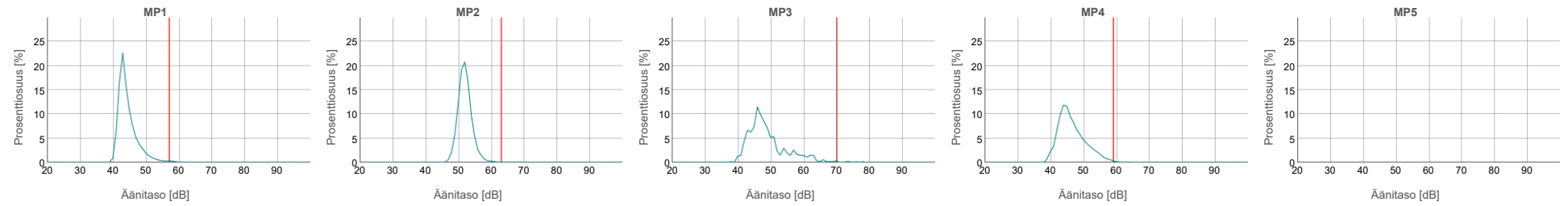
Säähavainnot



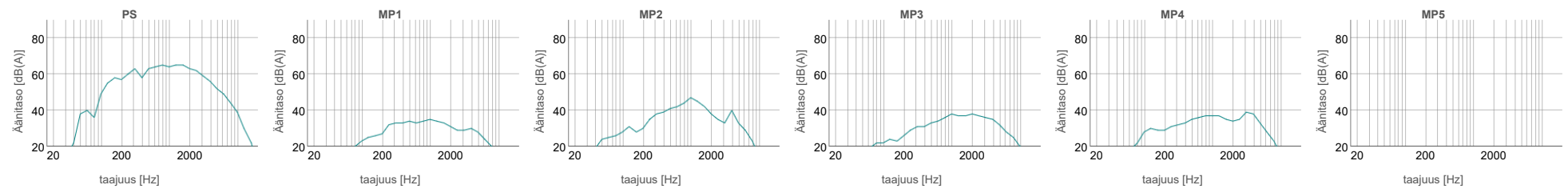
01.06.

0601	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	101	57	63	70	59	-
LAF,5%	100	51	56	62	55	-
LAF,50%	59	44	52	48	46	-
LAF,60dB	46 %	0 %	1 %	7 %	0 %	- %
LAF,65dB	39 %	0 %	0 %	2 %	0 %	- %
LAF,70dB	33 %	0 %	0 %	0 %	0 %	- %
LAeq	74	45	53	47	47	-

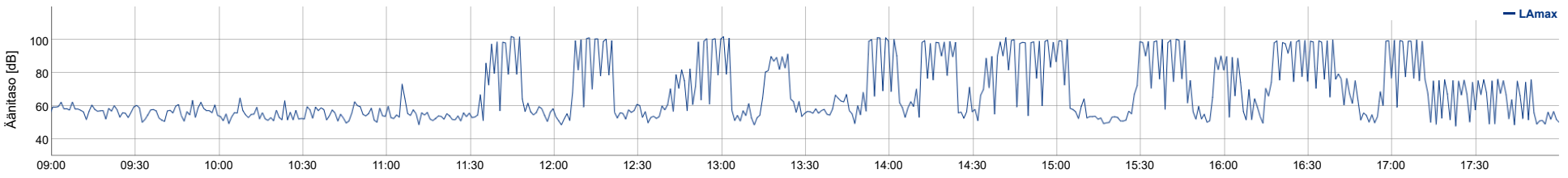
Pysyvyystasot



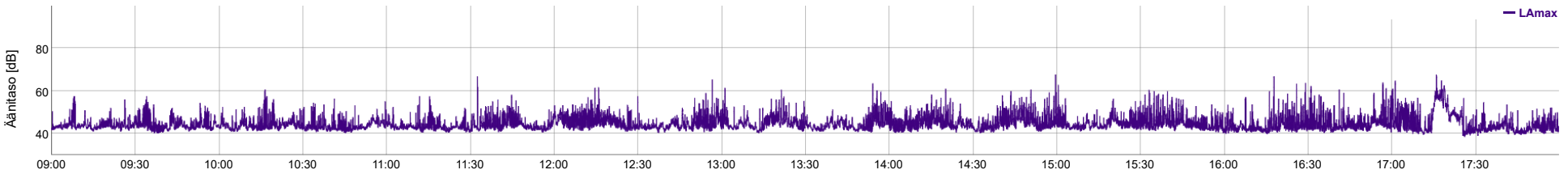
Spektrit



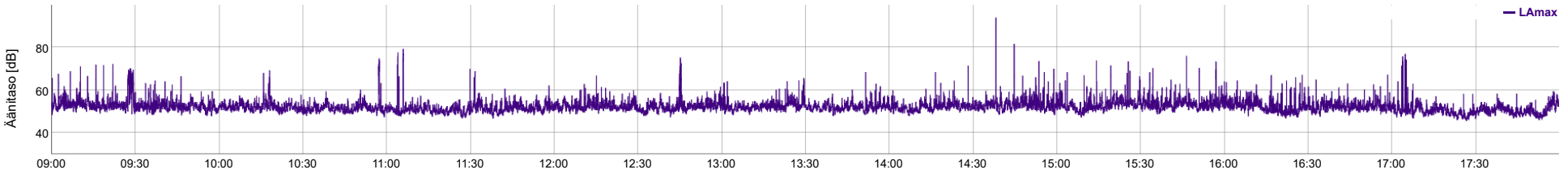
PS



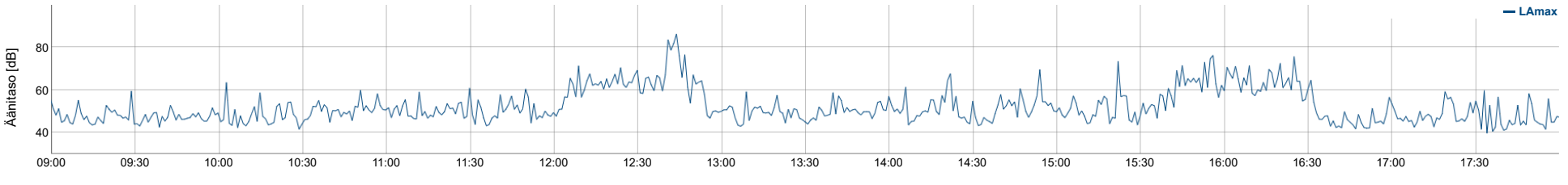
MP1



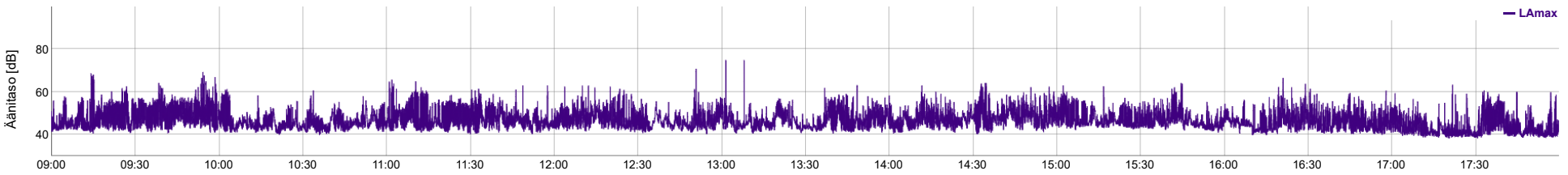
MP2



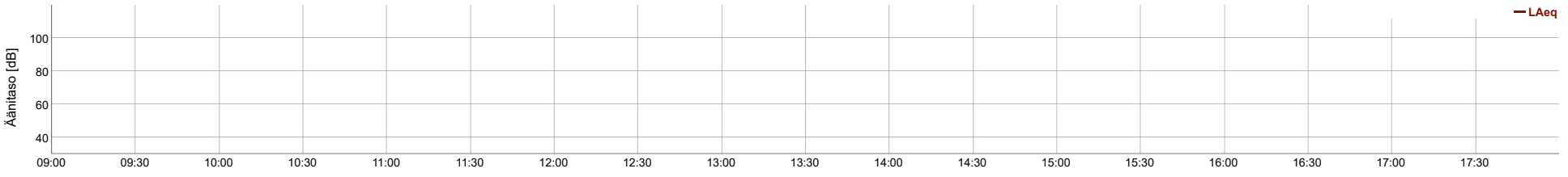
MP3



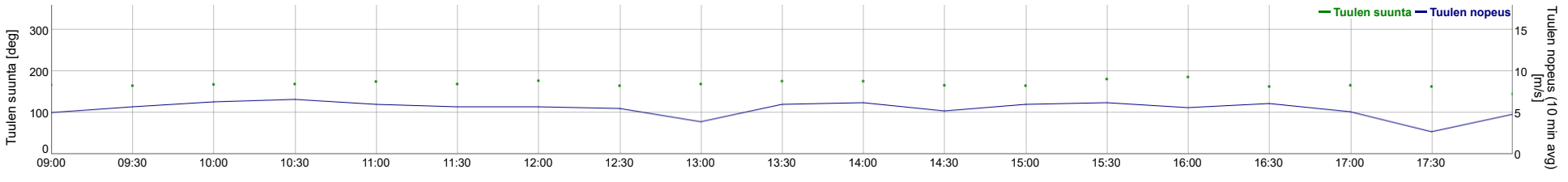
MP4



MP5



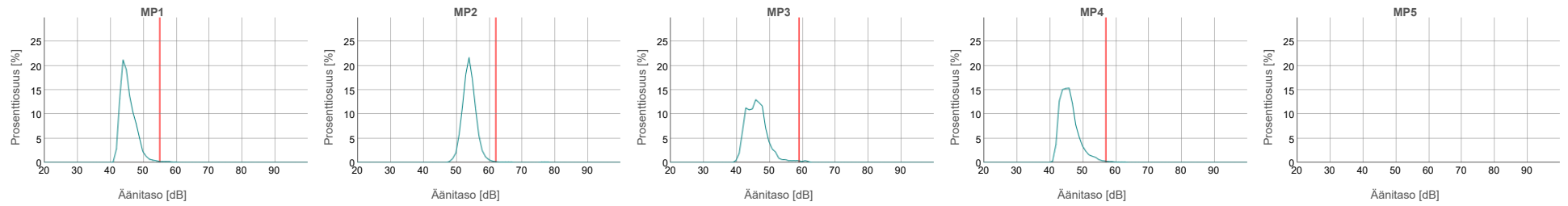
Säähavainnot



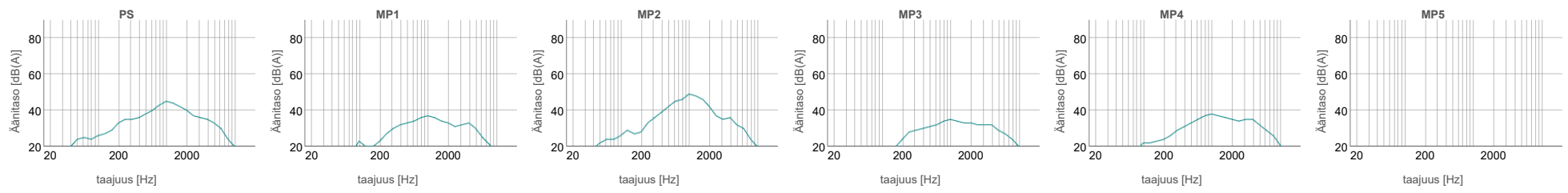
02.06.

0602	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	69	55	62	59	57	-
LAF,5%	64	50	58	52	52	-
LAF,50%	58	45	54	46	46	-
LAF,60dB	34 %	0 %	1 %	0 %	0 %	- %
LAF,65dB	4 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	0 %	0 %	0 %	0 %	0 %	- %
LAeq	52	46	55	44	47	-

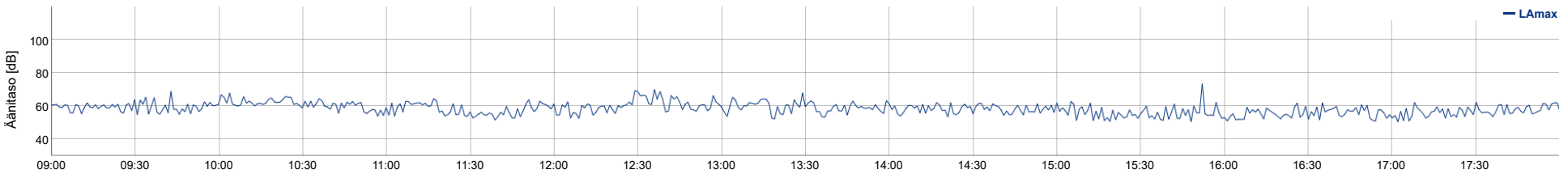
Pysyvyystasot



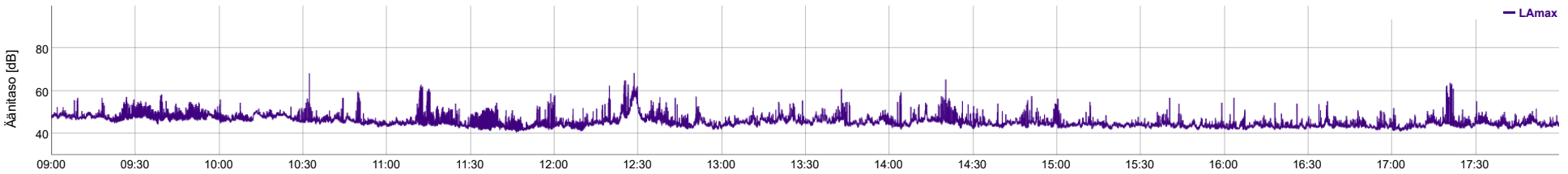
Spektrit



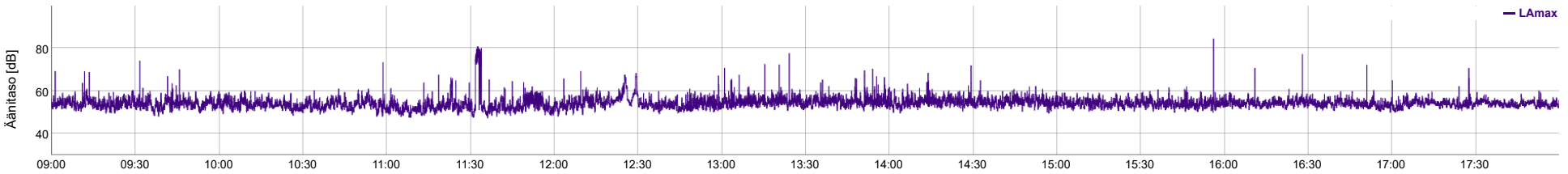
PS



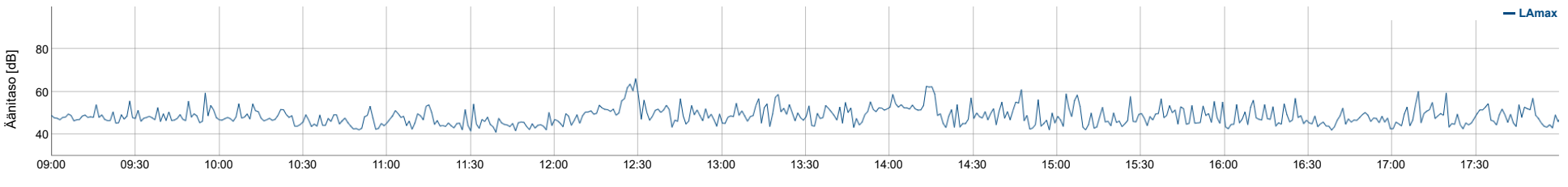
MP1



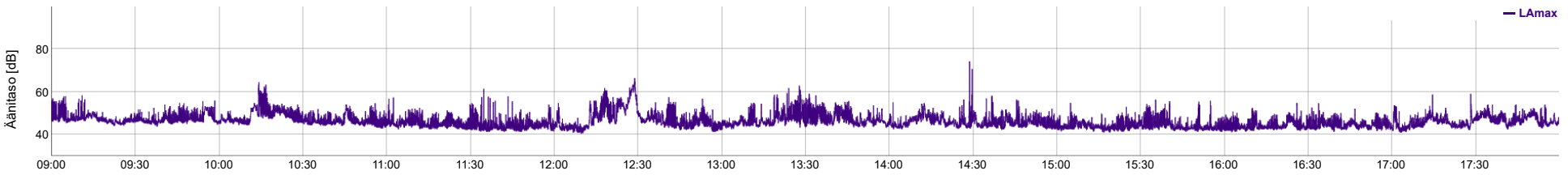
MP2



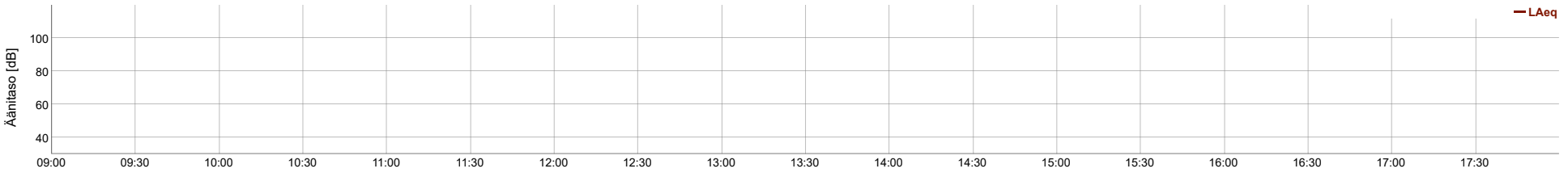
MP3



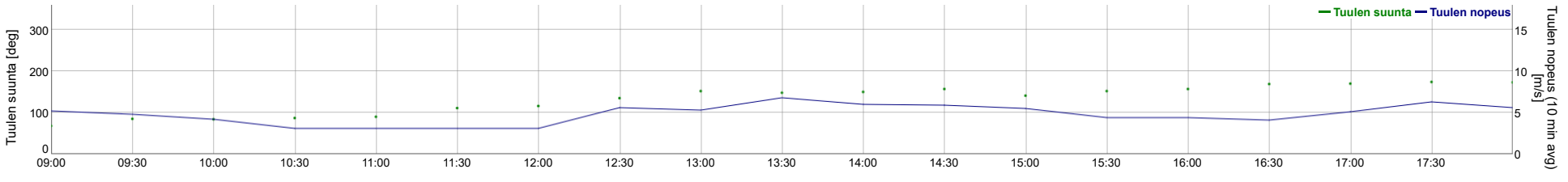
MP4



MP5



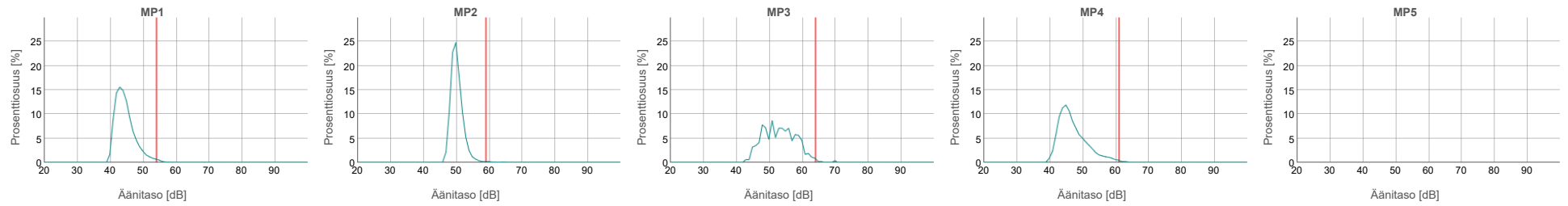
Säähavainnot



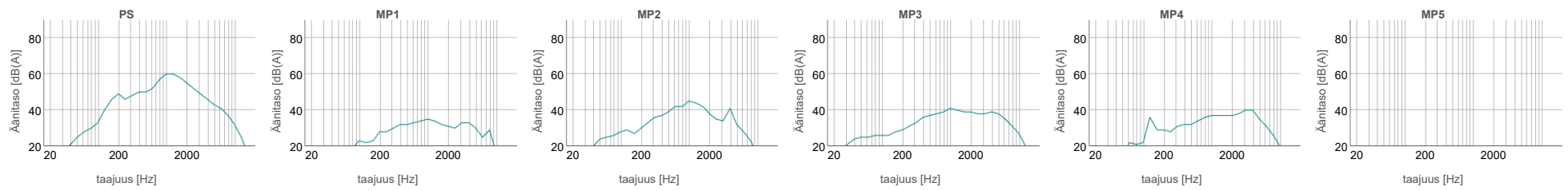
03.06.

0603	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	90	54	59	64	61	-
LAF,5%	86	51	54	61	56	-
LAF,50%	55	44	50	53	46	-
LAF,60dB	31 %	0 %	0 %	8 %	1 %	- %
LAF,65dB	27 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	25 %	0 %	0 %	0 %	0 %	- %
LAeq	66	46	52	50	48	-

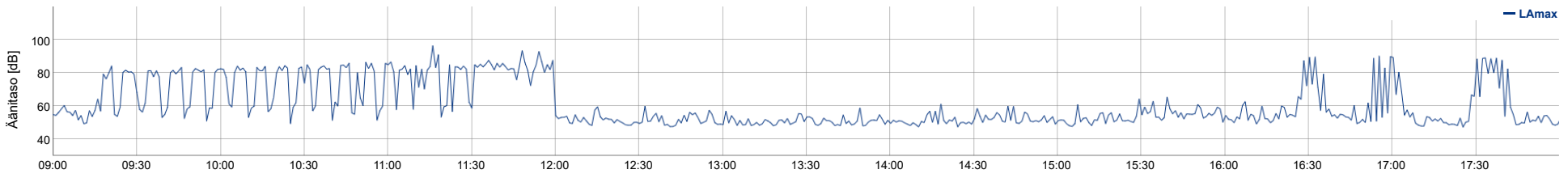
Pysyvyystasot



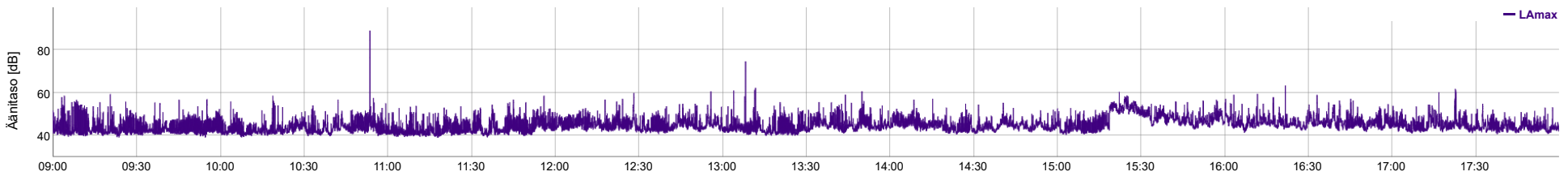
Spektrit



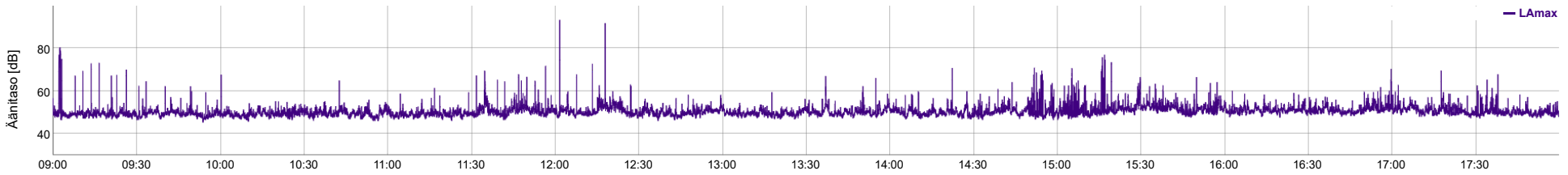
PS



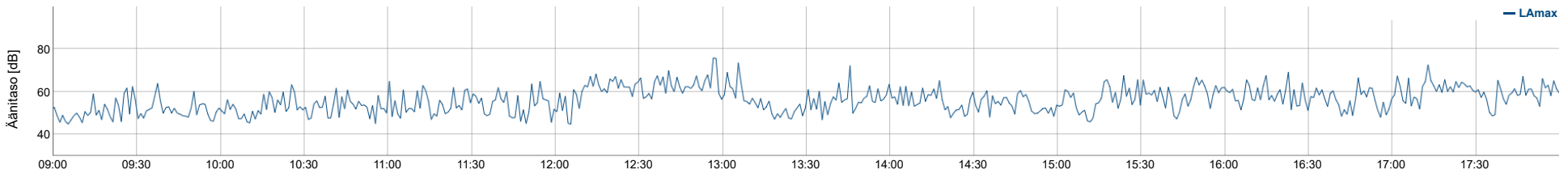
MP1



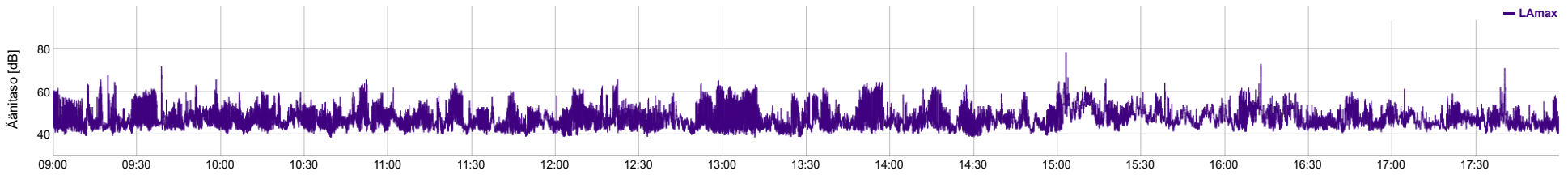
MP2



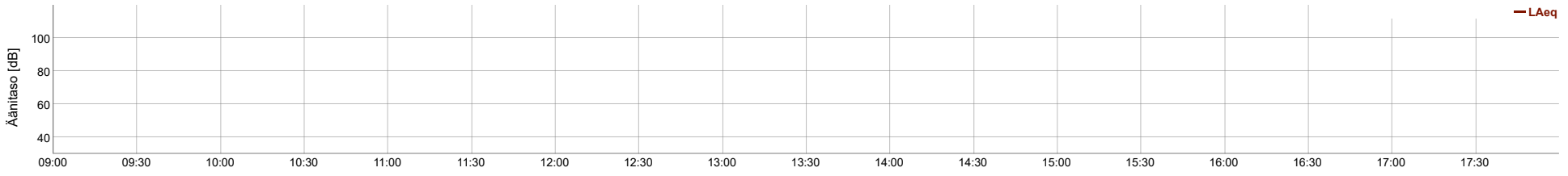
MP3



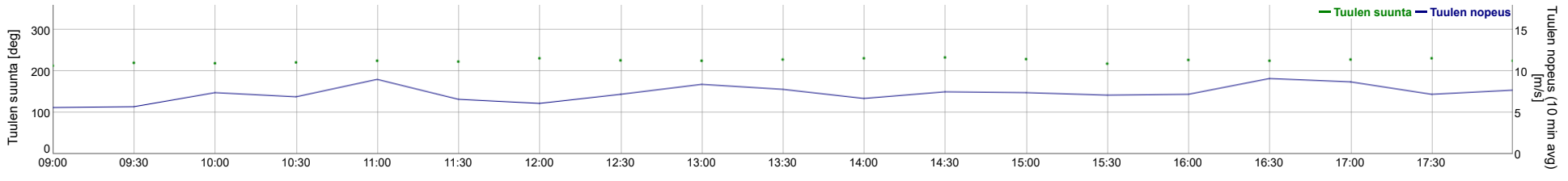
MP4



MP5



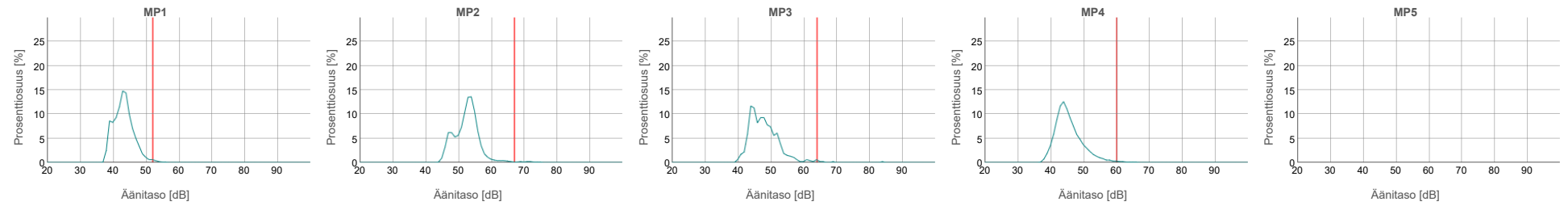
Säähavainnot



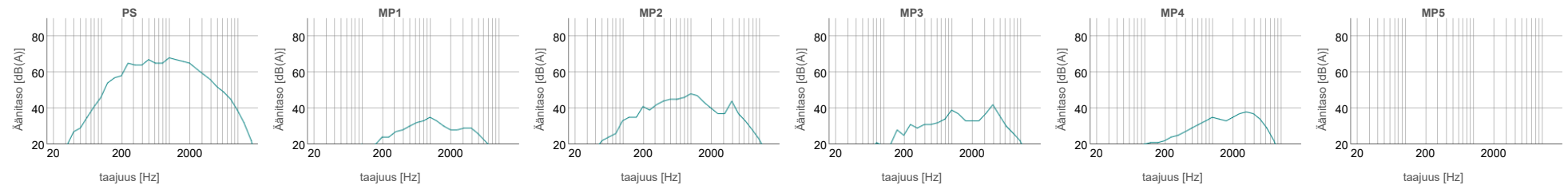
04.06.

0604	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	100	52	67	64	60	-
LAF,5%	97	49	59	56	54	-
LAF,50%	84	43	53	47	45	-
LAF,60dB	74 %	0 %	3 %	2 %	0 %	- %
LAF,65dB	70 %	0 %	1 %	0 %	0 %	- %
LAF,70dB	67 %	0 %	0 %	0 %	0 %	- %
LAeq	76	43	56	47	46	-

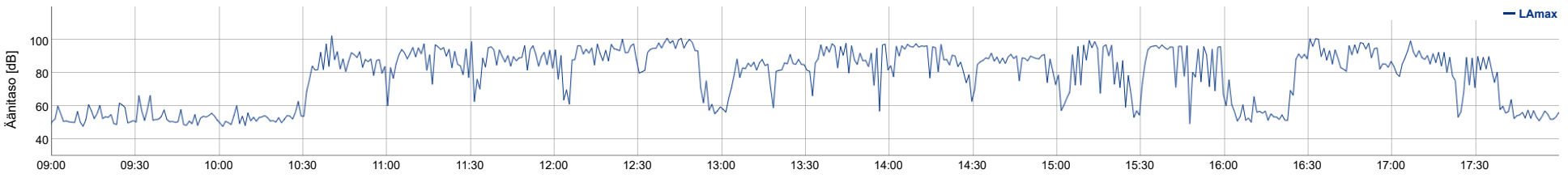
Pysyvyystasot



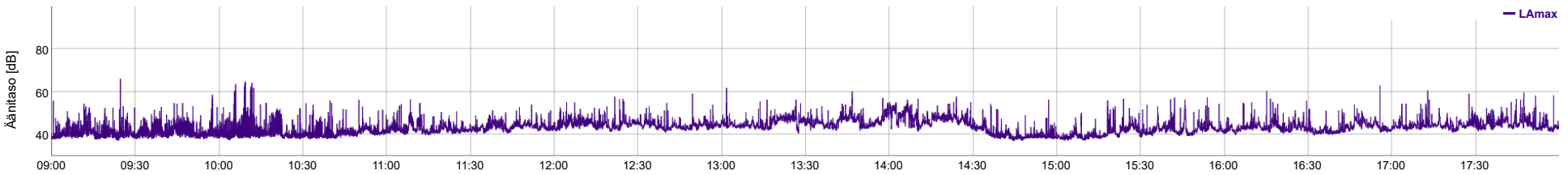
Spektrit



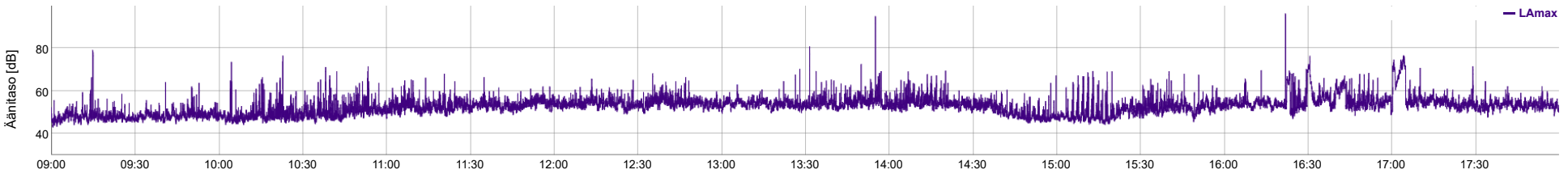
PS



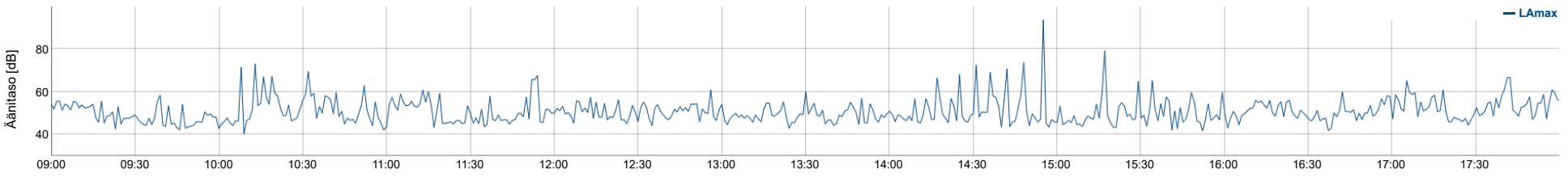
MP1



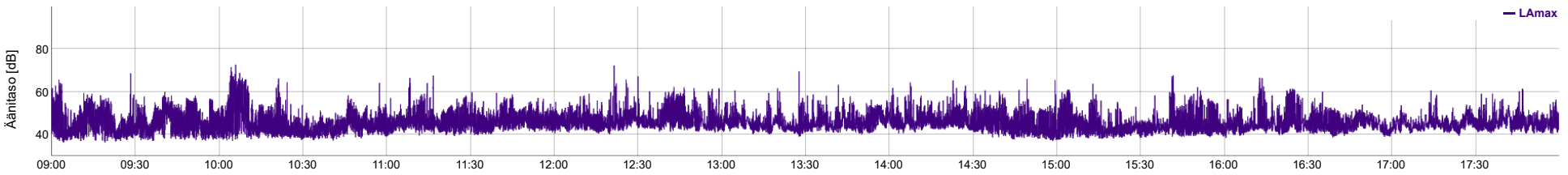
MP2



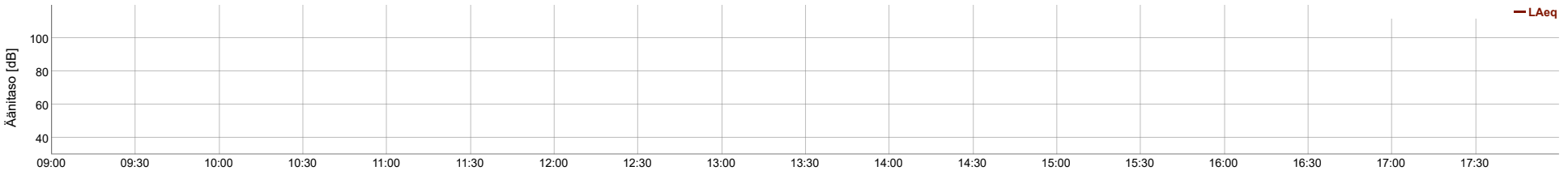
MP3



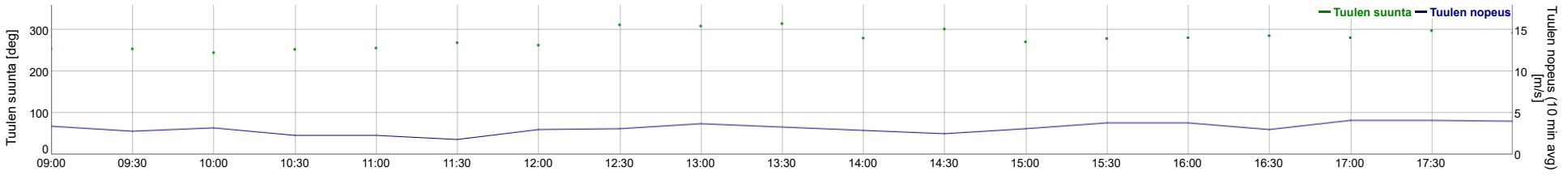
MP4



MP5



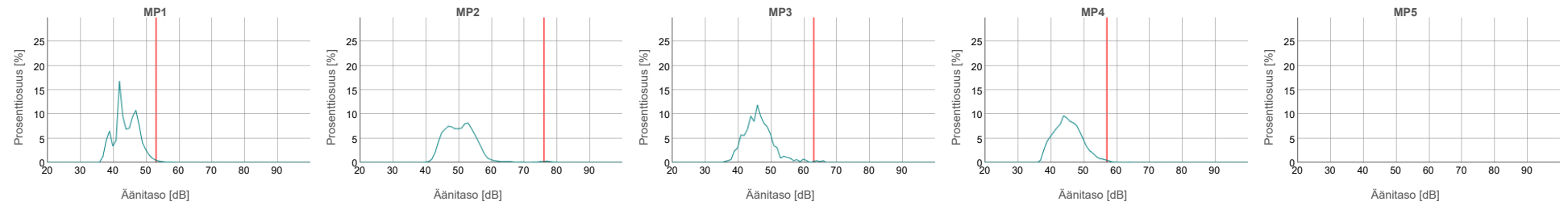
Säähavainnot



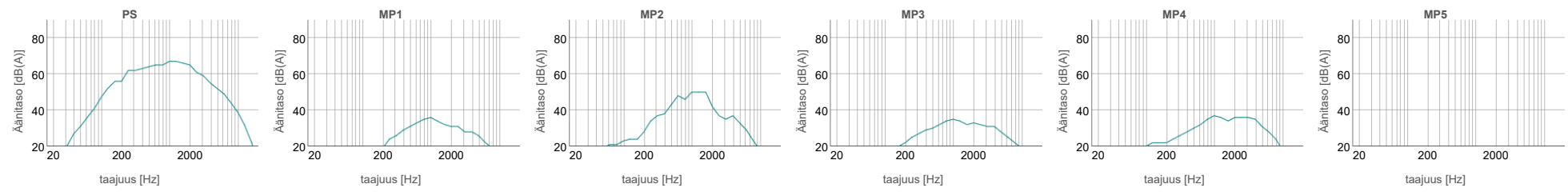
05.06.

0605	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	100	53	76	63	57	-
LAF,5%	97	50	58	55	53	-
LAF,50%	79	44	51	46	45	-
LAF,60dB	65 %	0 %	3 %	1 %	0 %	- %
LAF,65dB	60 %	0 %	2 %	0 %	0 %	- %
LAF,70dB	57 %	0 %	1 %	0 %	0 %	- %
LAeq	75	45	56	43	46	-

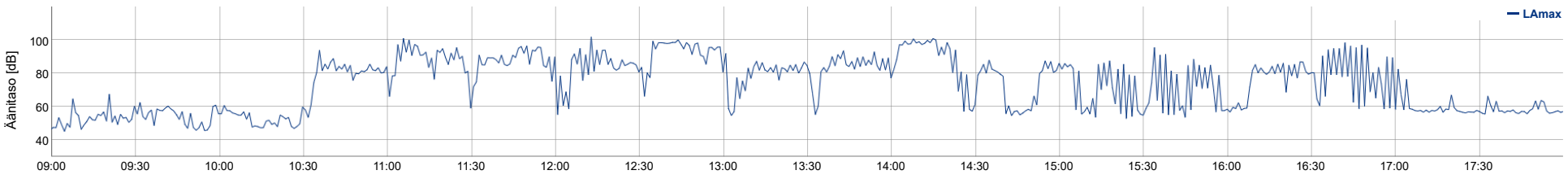
Pysyvyystasot



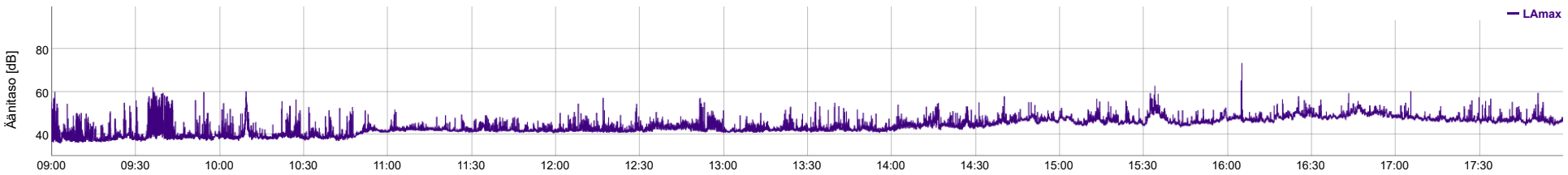
Spektrit



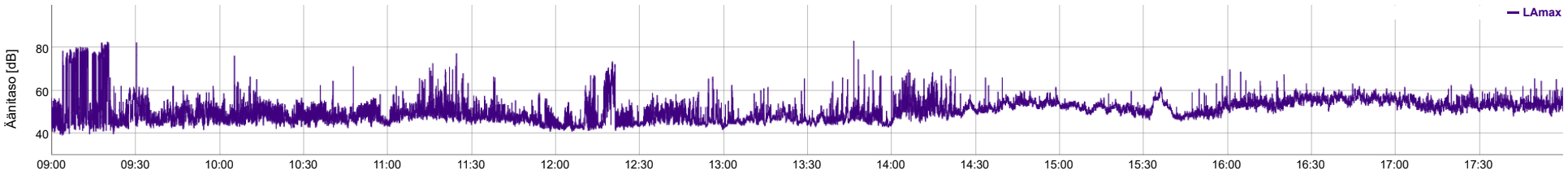
PS



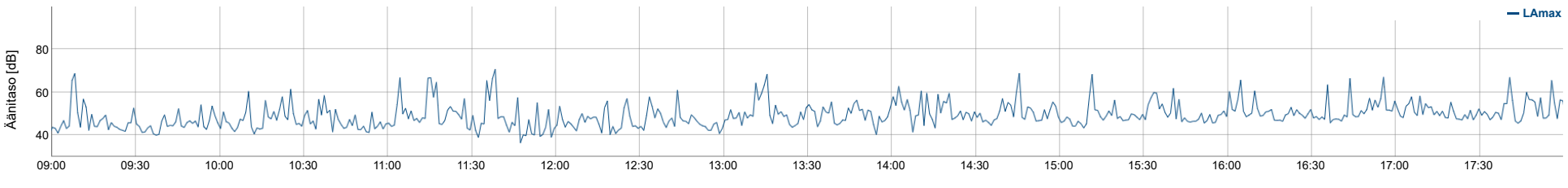
MP1



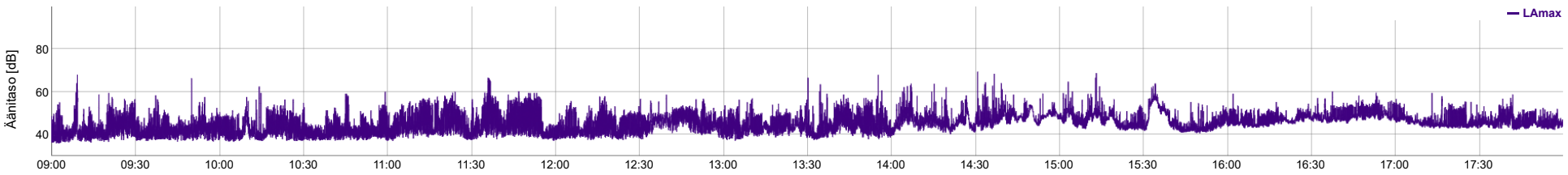
MP2



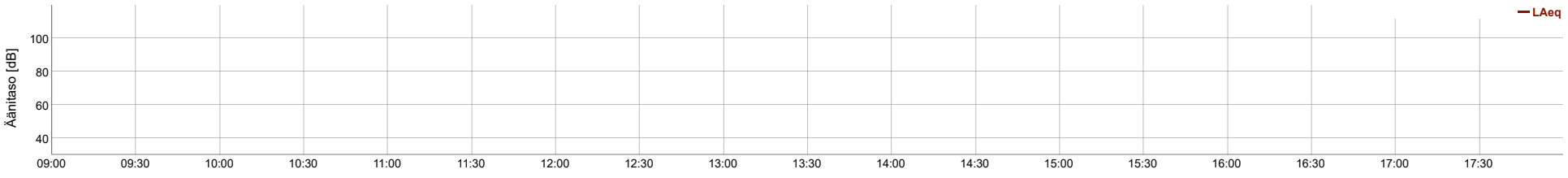
MP3



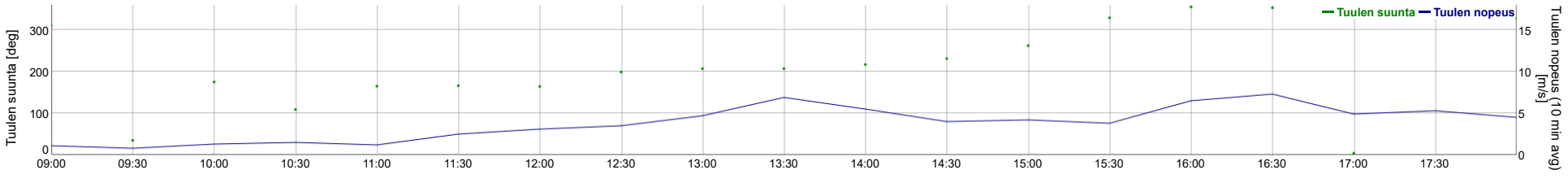
MP4



MP5



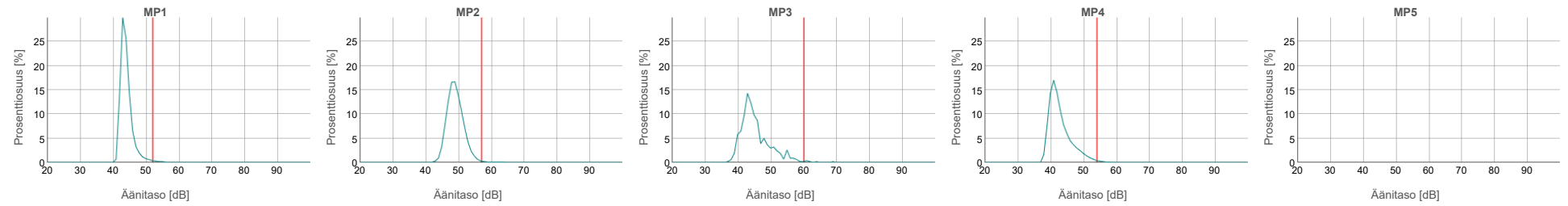
Säähavainnot



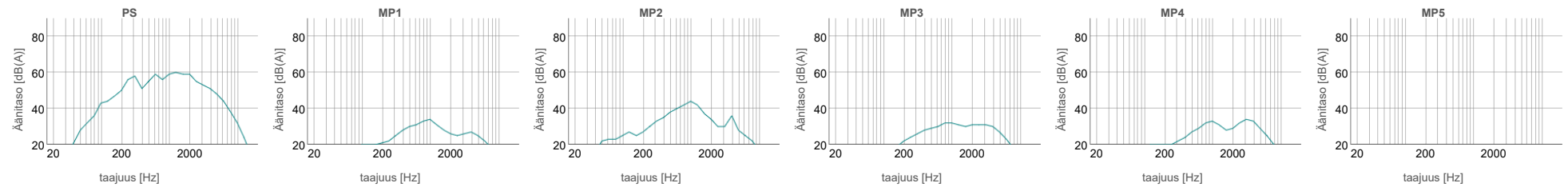
06.06.

0606	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	101	52	57	60	54	-
LAF,5%	89	48	54	55	50	-
LAF,50%	53	44	49	44	42	-
LAF,60dB	31 %	0 %	0 %	0 %	0 %	- %
LAF,65dB	27 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	23 %	0 %	0 %	0 %	0 %	- %
LAeq	68	44	50	42	43	-

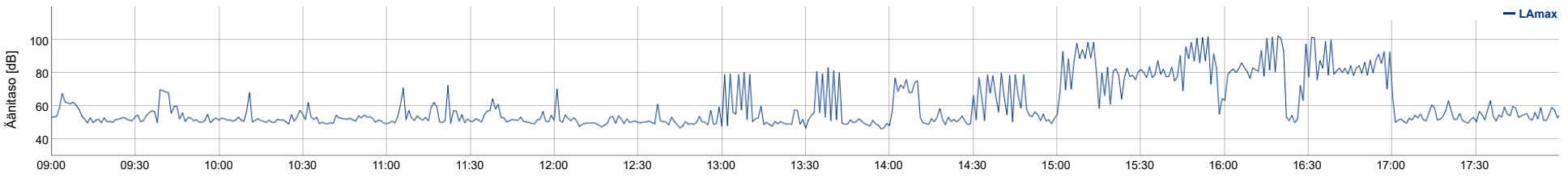
Pysyvyystasot



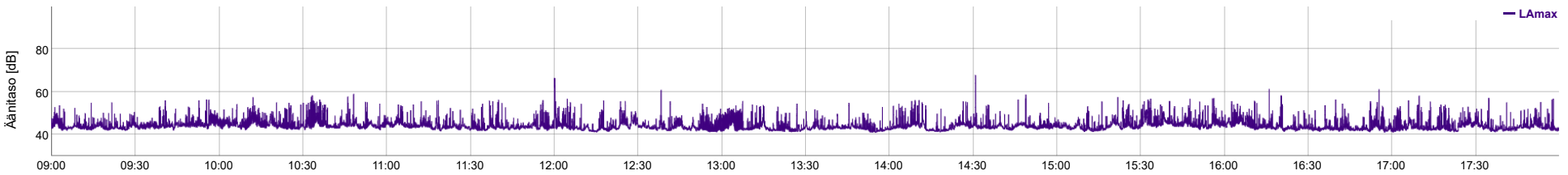
Spektrit



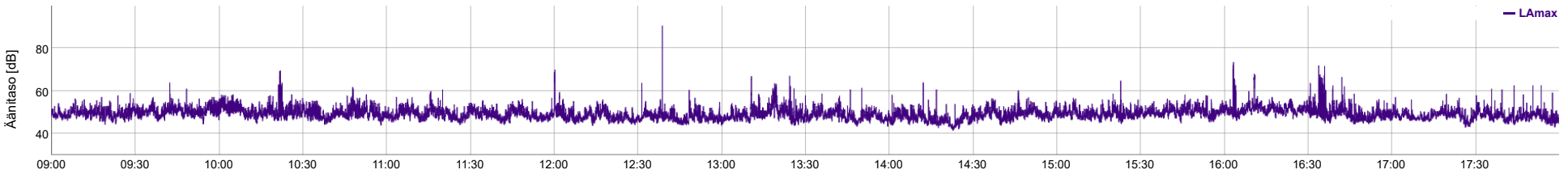
PS



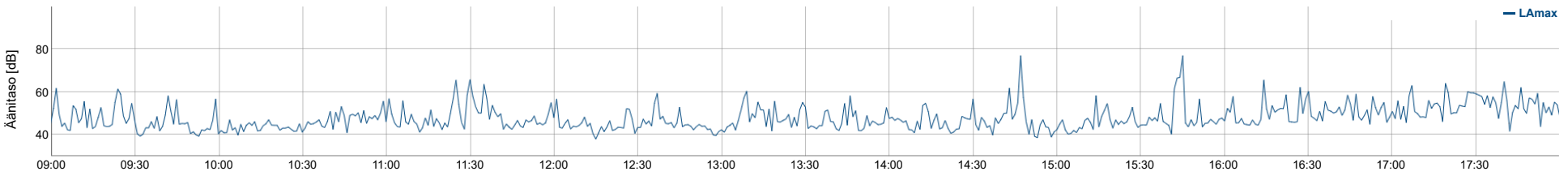
MP1



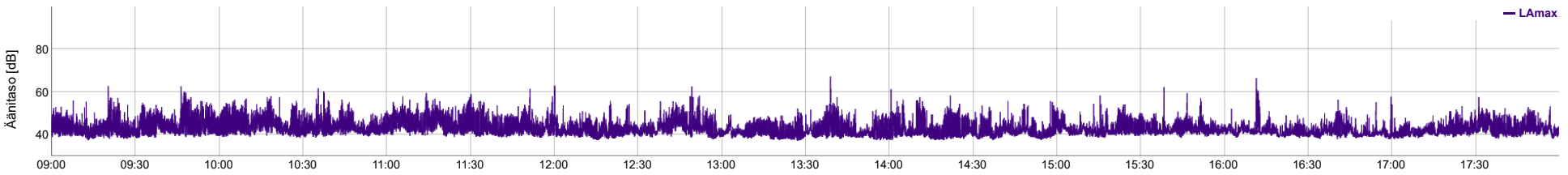
MP2



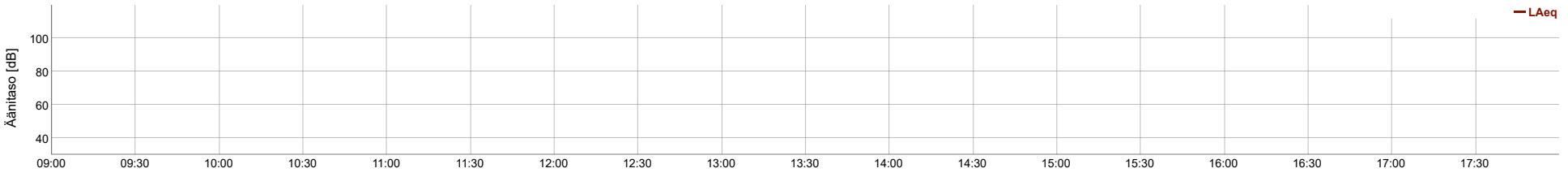
MP3



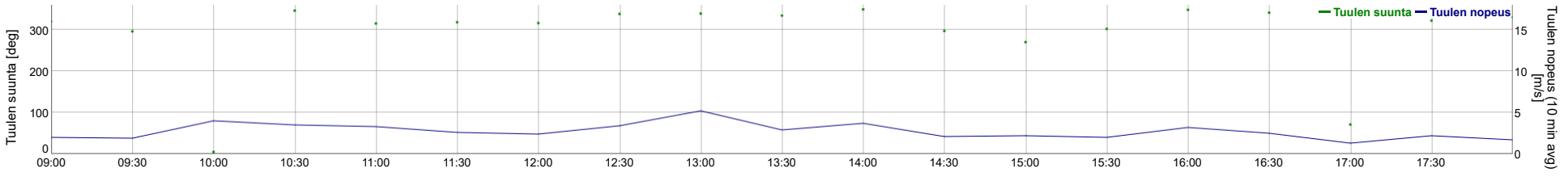
MP4



MP5



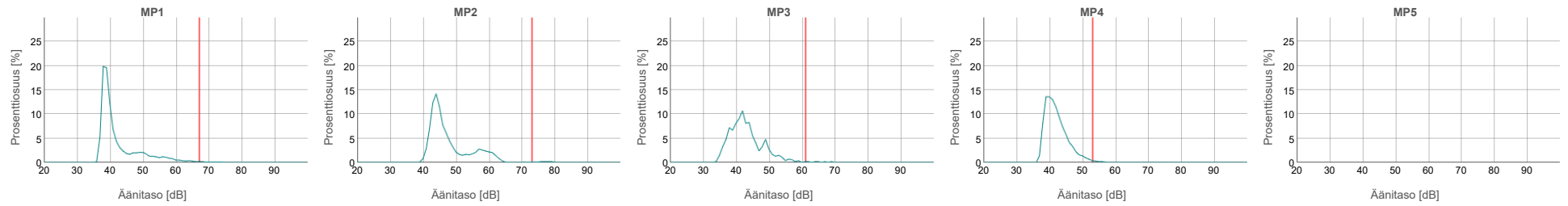
Säähavainnot



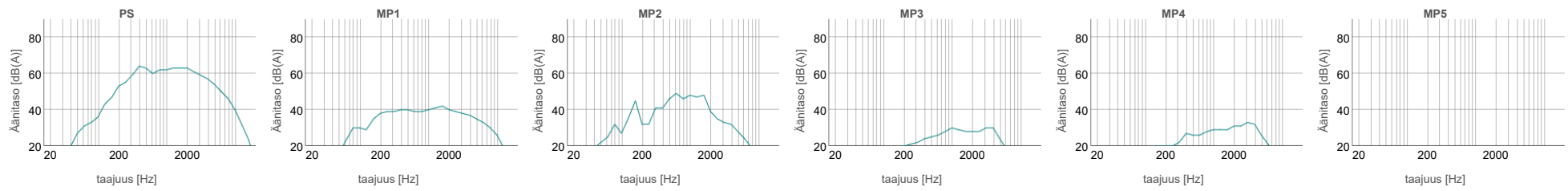
07.06.

0607	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	101	67	73	61	53	-
LAF,5%	98	58	61	53	49	-
LAF,50%	55	40	46	42	42	-
LAF,60dB	43 %	3 %	7 %	1 %	0 %	- %
LAF,65dB	41 %	1 %	1 %	0 %	0 %	- %
LAF,70dB	37 %	0 %	1 %	0 %	0 %	- %
LAeq	72	53	55	39	42	-

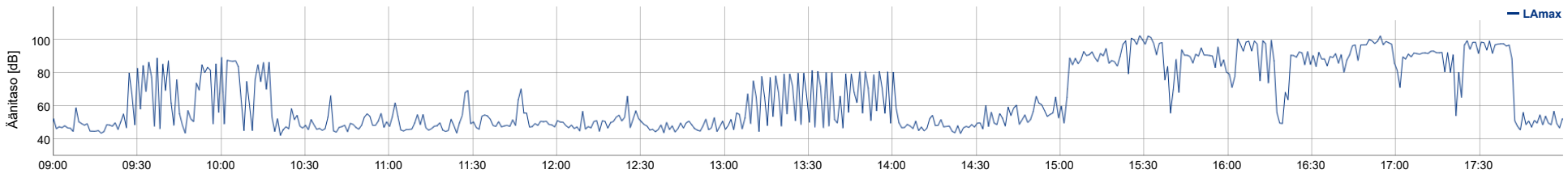
Pysyvyystasot



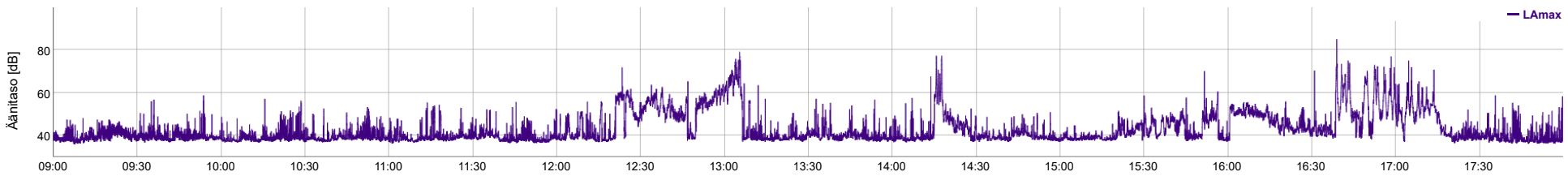
Spektrit



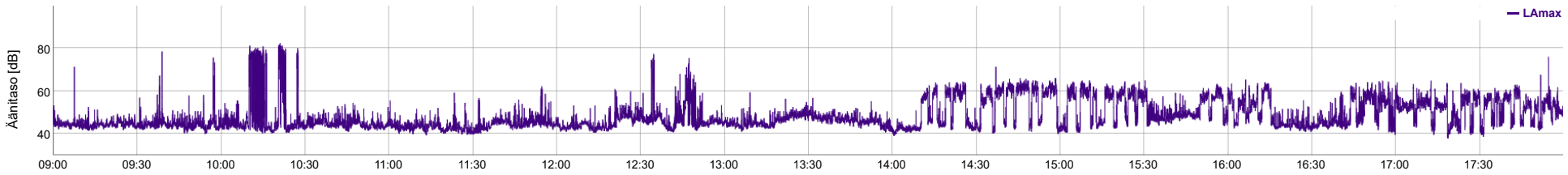
PS



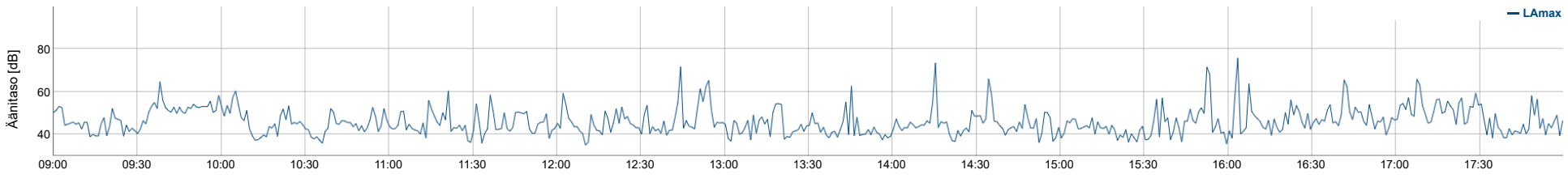
MP1



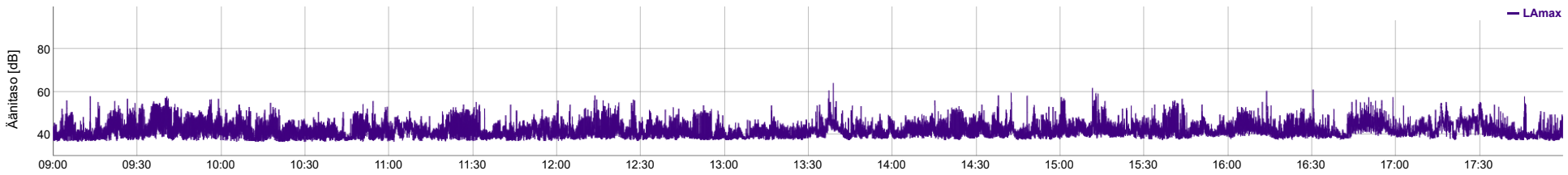
MP2



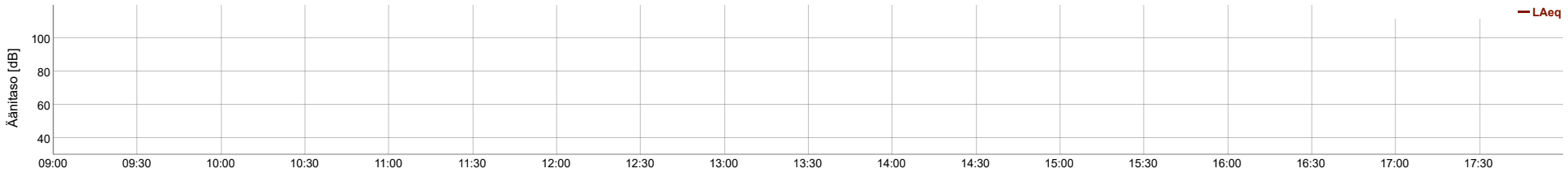
MP3



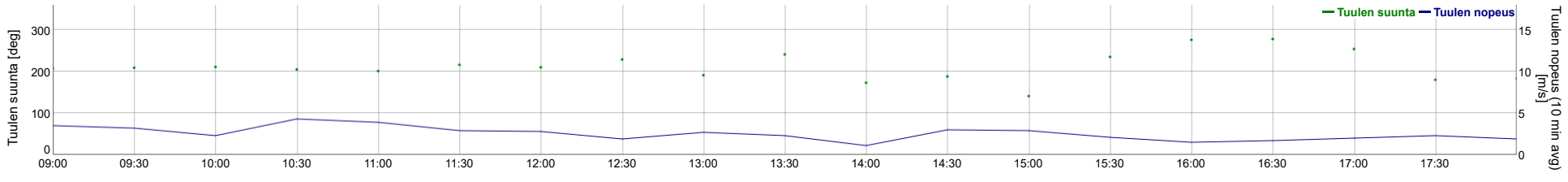
MP4



MP5



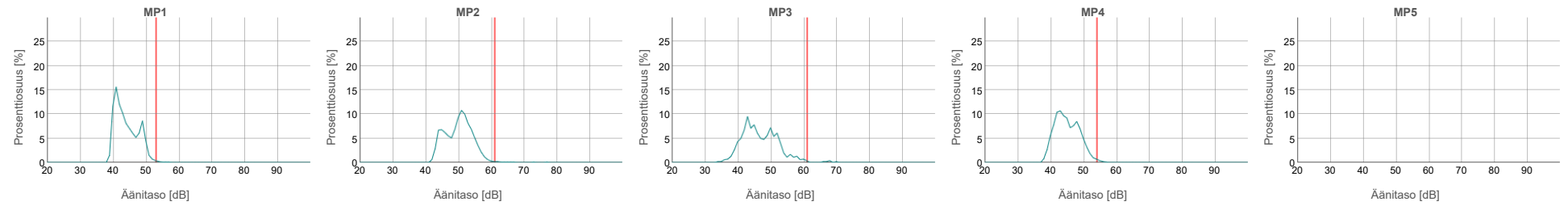
Säähavainnot



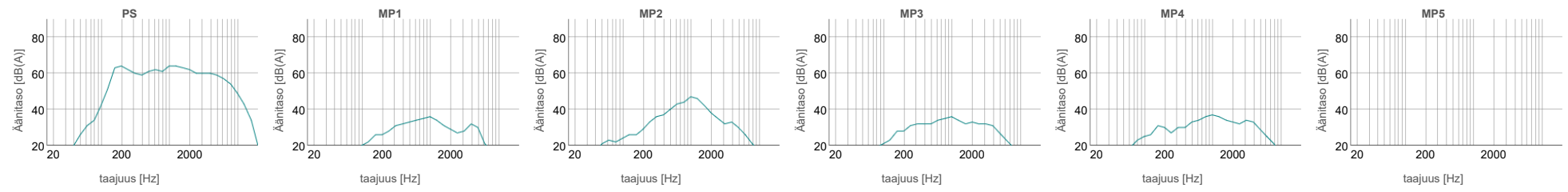
08.06.

0608	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	99	53	61	61	54	-
LAF,5%	98	50	57	56	51	-
LAF,50%	60	43	51	46	45	-
LAF,60dB	50 %	0 %	1 %	1 %	0 %	- %
LAF,65dB	39 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	35 %	0 %	0 %	0 %	0 %	- %
LAeq	74	46	52	44	45	-

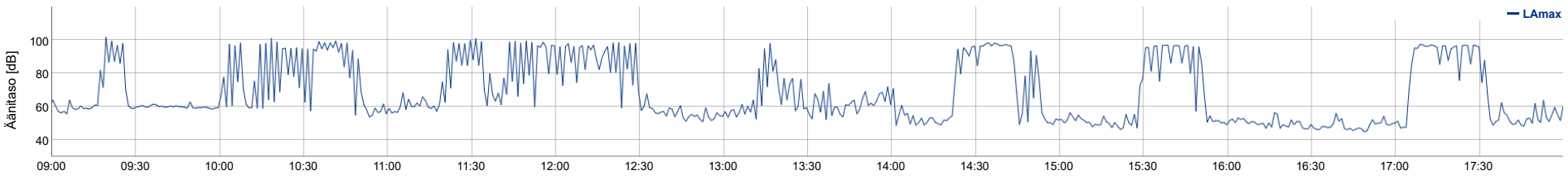
Pysyvyystasot



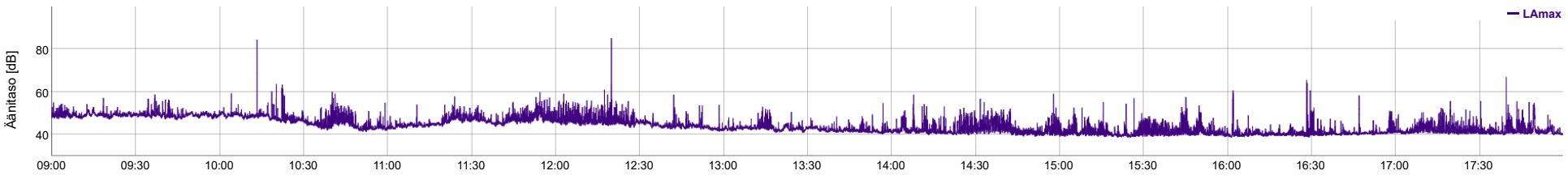
Spektrit



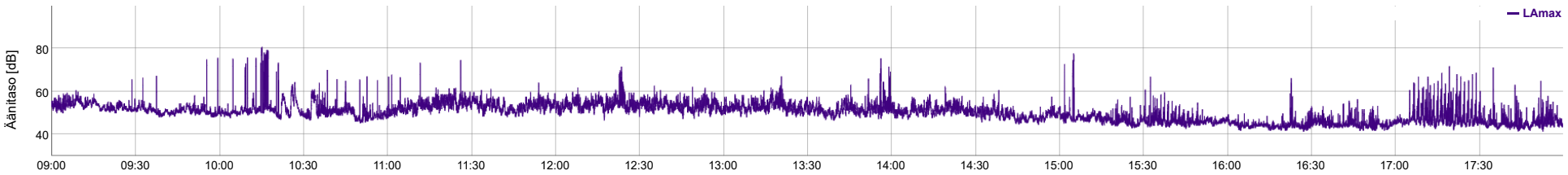
PS



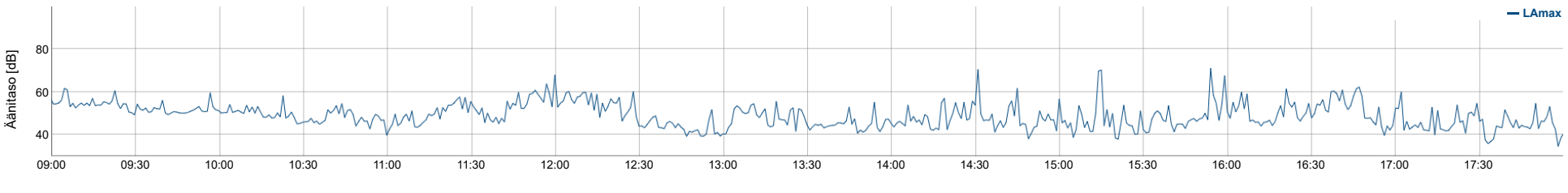
MP1



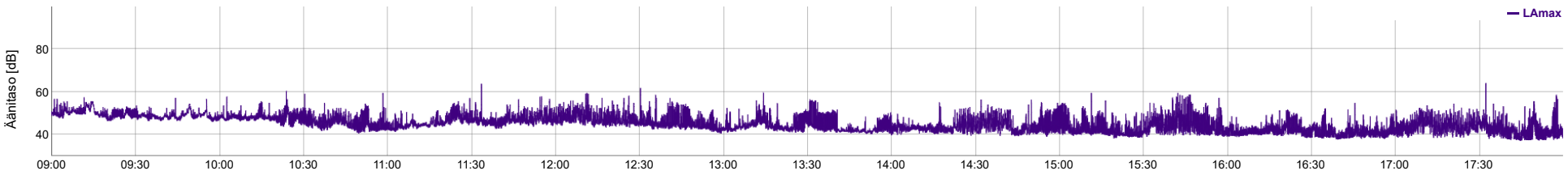
MP2



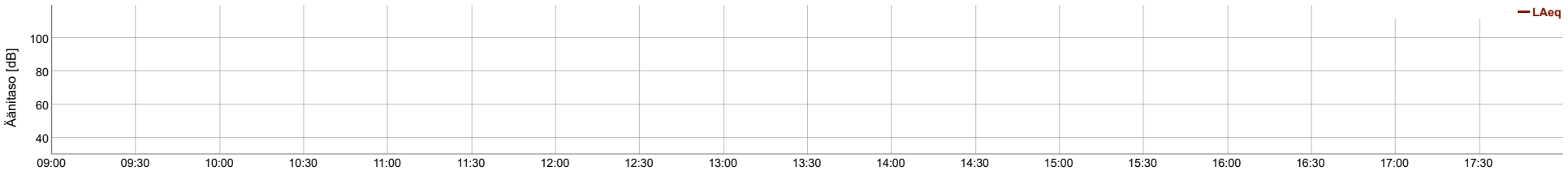
MP3



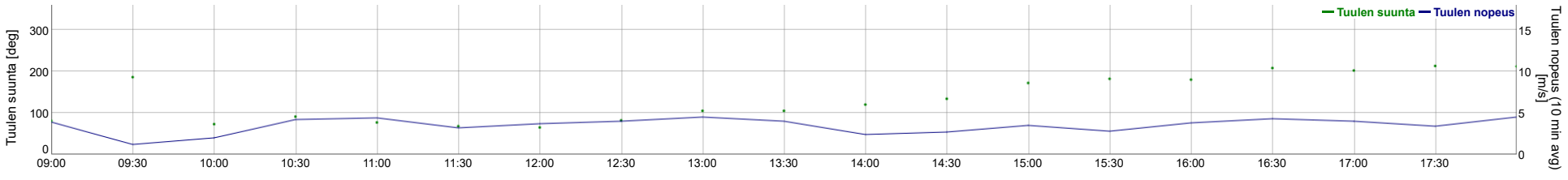
MP4



MP5



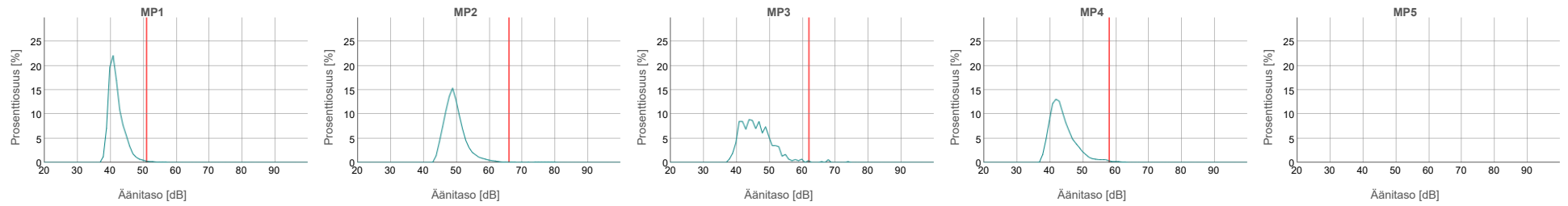
Säähavainnot



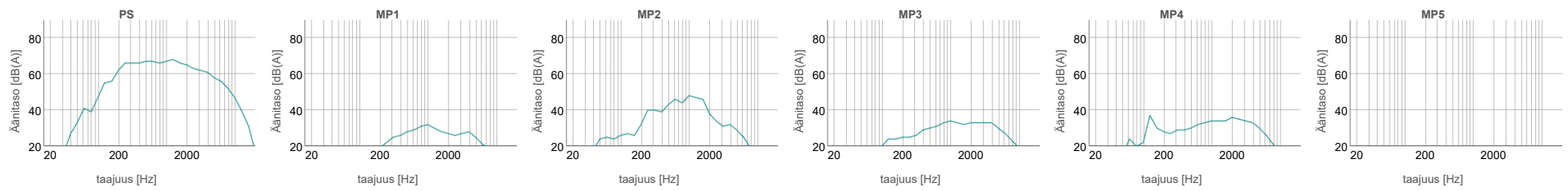
09.06.

0609	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	103	51	66	62	58	-
LAF,5%	102	47	57	55	52	-
LAF,50%	73	41	49	46	43	-
LAF,60dB	57 %	0 %	2 %	1 %	0 %	- %
LAF,65dB	53 %	0 %	1 %	0 %	0 %	- %
LAF,70dB	50 %	0 %	0 %	0 %	0 %	- %
LAeq	77	42	54	44	45	-

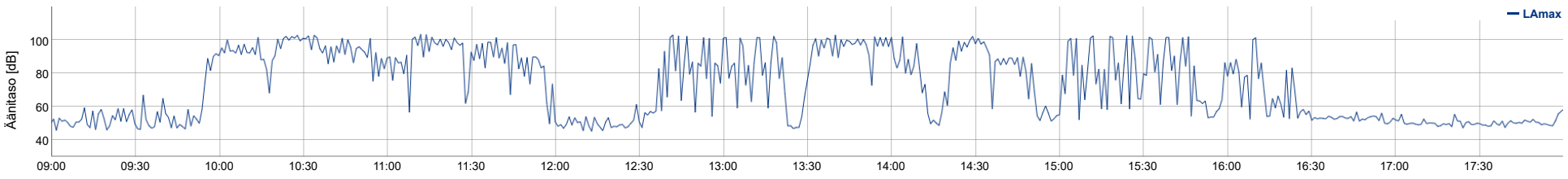
Pysyvyystasot



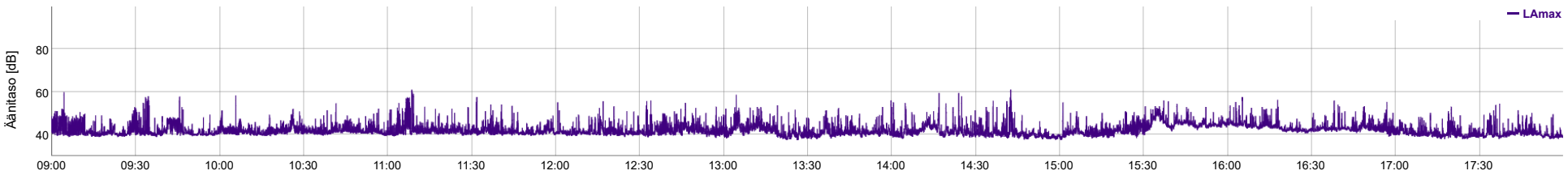
Spektrit



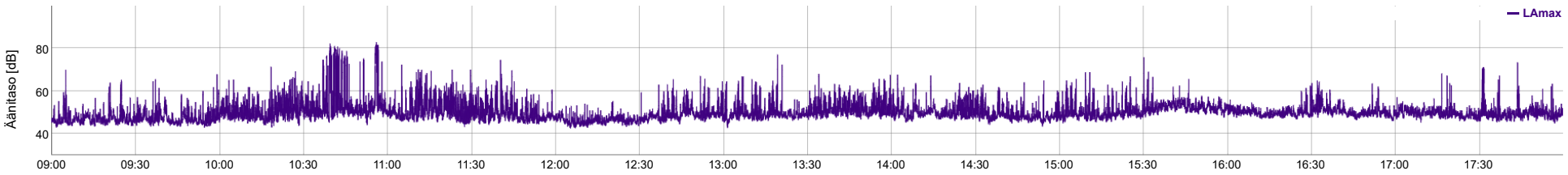
PS



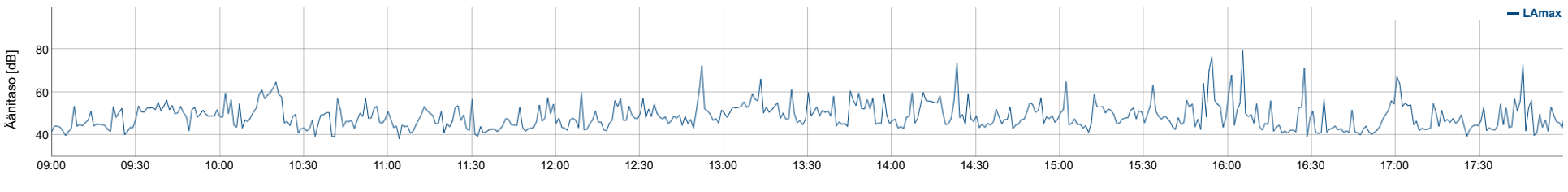
MP1



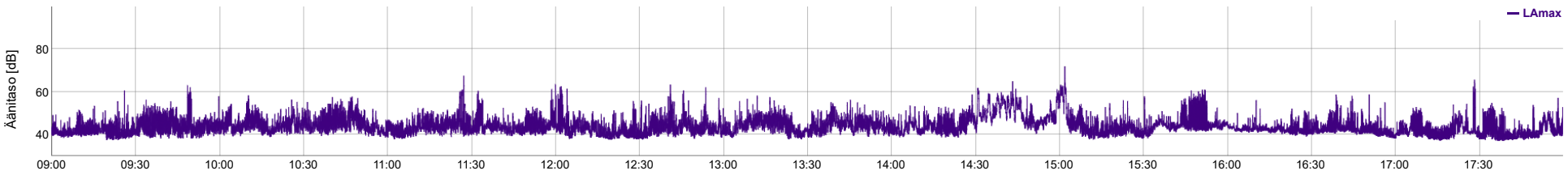
MP2



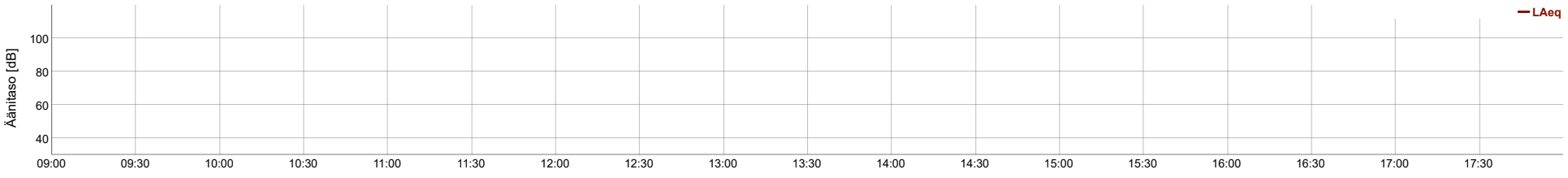
MP3



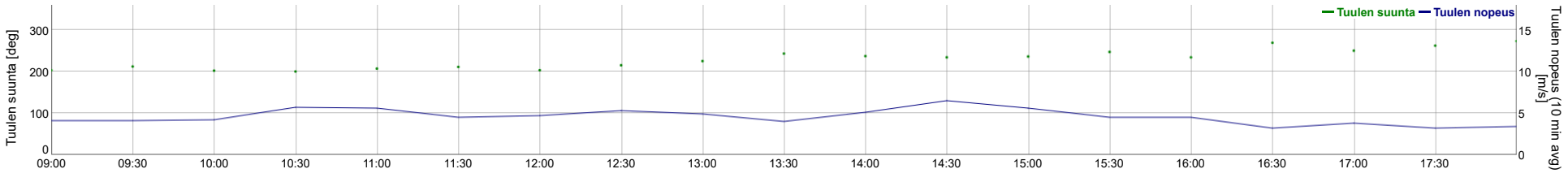
MP4



MP5



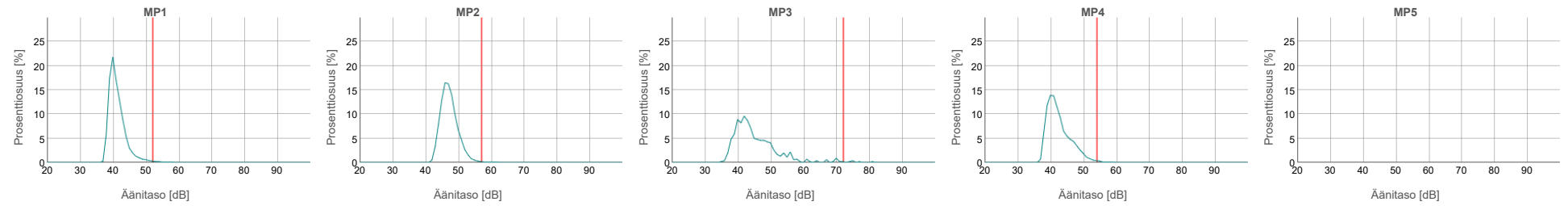
Säähavainnot



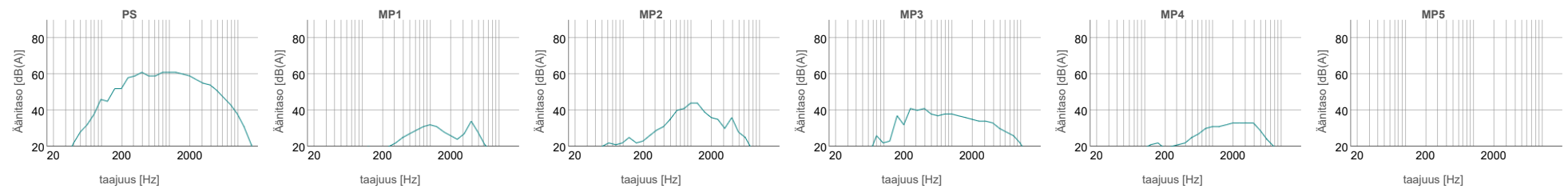
10.06.

0610	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	98	52	57	72	54	-
LAF,5%	96	47	52	58	50	-
LAF,50%	76	41	47	44	42	-
LAF,60dB	62 %	0 %	0 %	4 %	0 %	- %
LAF,65dB	60 %	0 %	0 %	2 %	0 %	- %
LAF,70dB	56 %	0 %	0 %	1 %	0 %	- %
LAeq	70	43	50	49	43	-

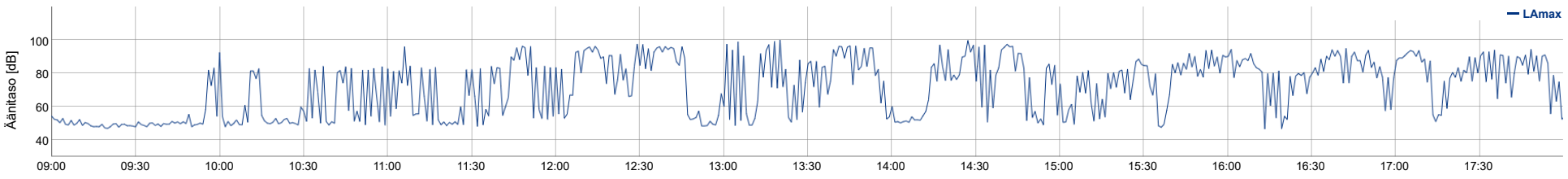
Pysyvyystasot



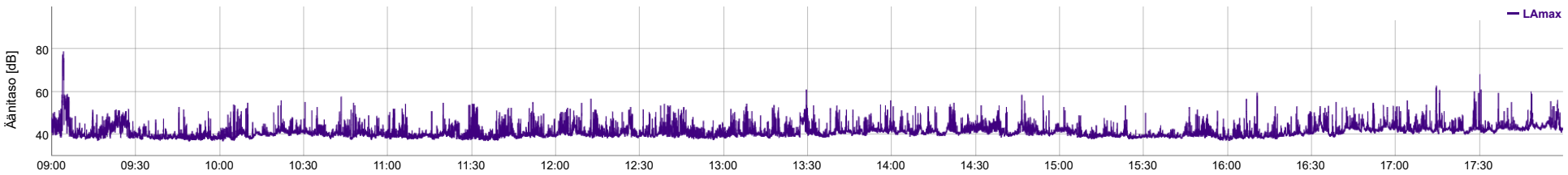
Spektrit



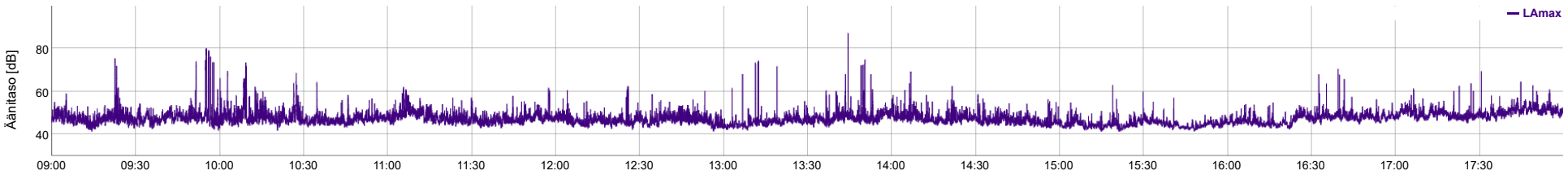
PS



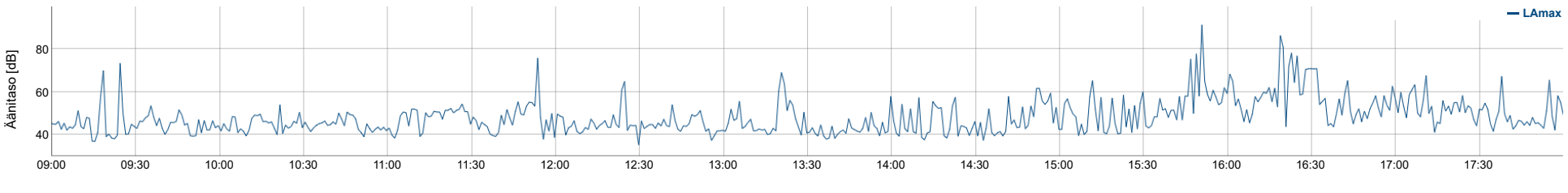
MP1



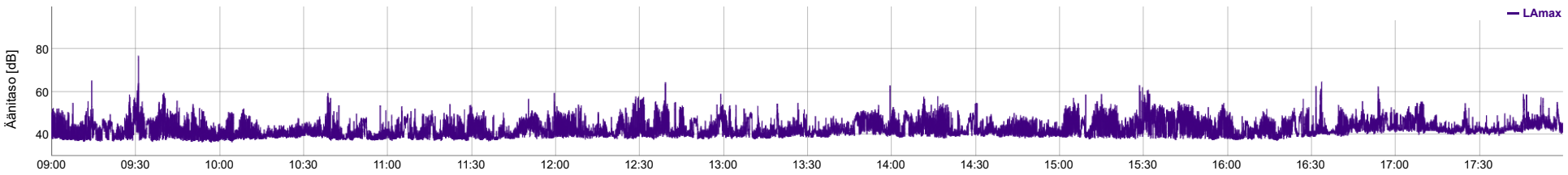
MP2



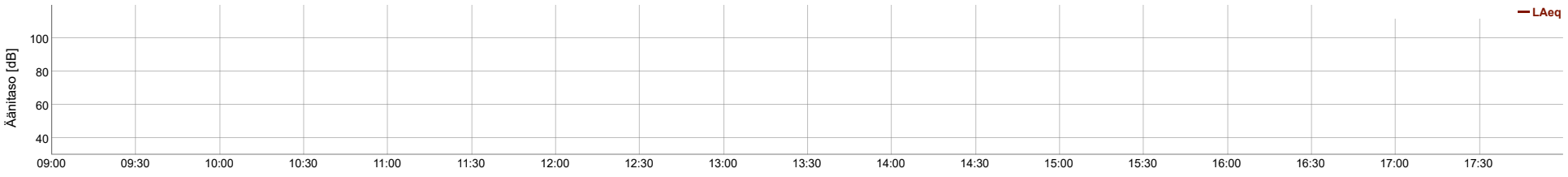
MP3



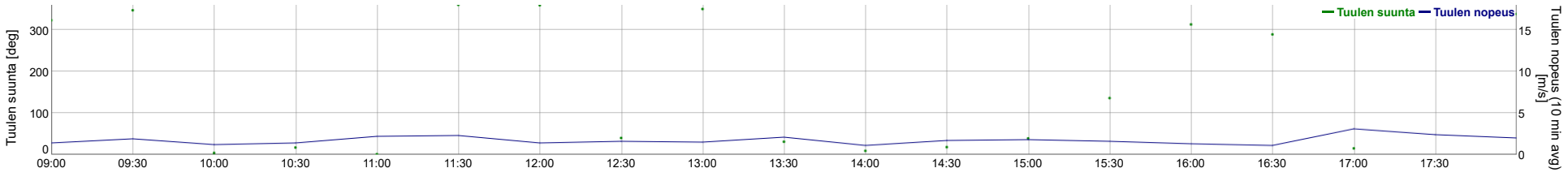
MP4



MP5



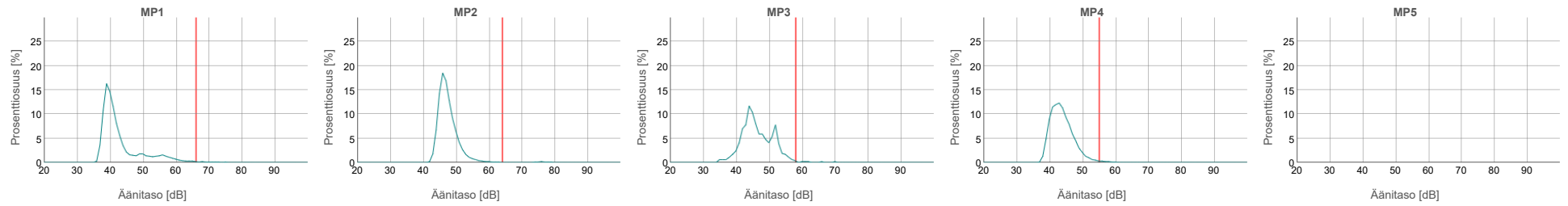
Säähavainnot



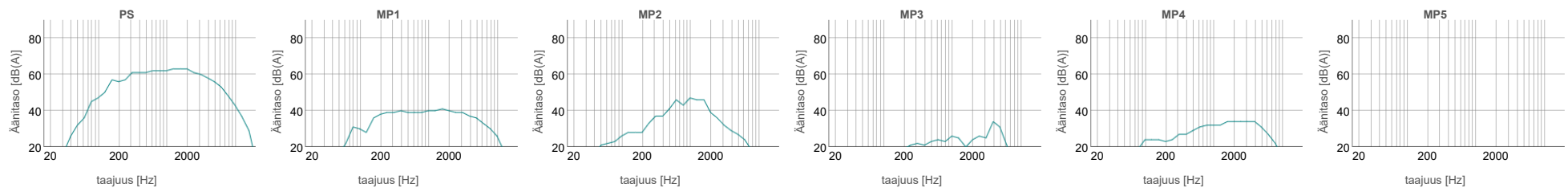
11.06.

0611	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	98	66	64	58	55	-
LAF,5%	96	58	53	54	50	-
LAF,50%	83	41	47	46	43	-
LAF,60dB	88 %	3 %	1 %	0 %	0 %	- %
LAF,65dB	85 %	1 %	0 %	0 %	0 %	- %
LAF,70dB	82 %	0 %	0 %	0 %	0 %	- %
LAeq	73	53	53	42	44	-

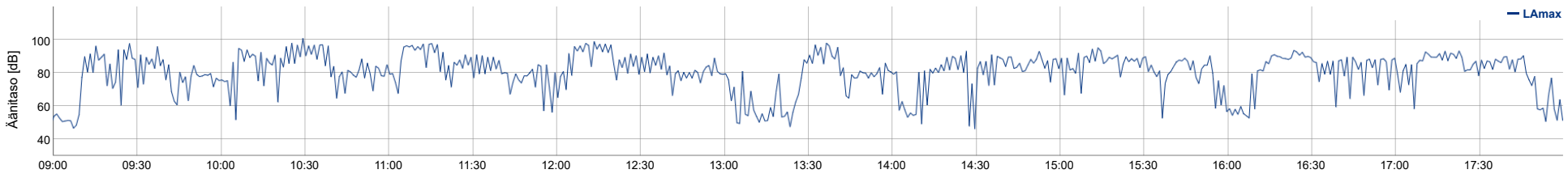
Pysyvyystasot



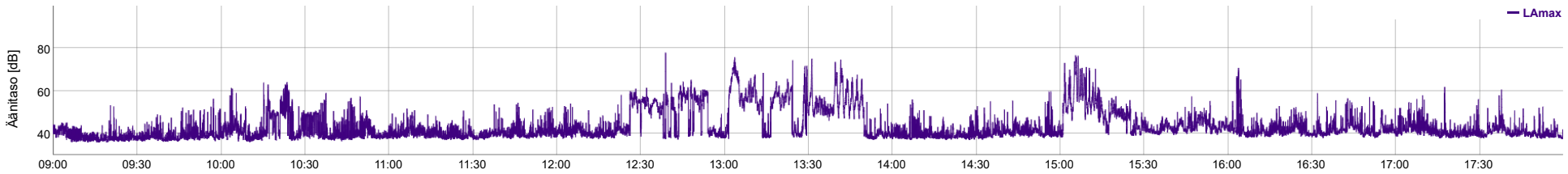
Spektrit



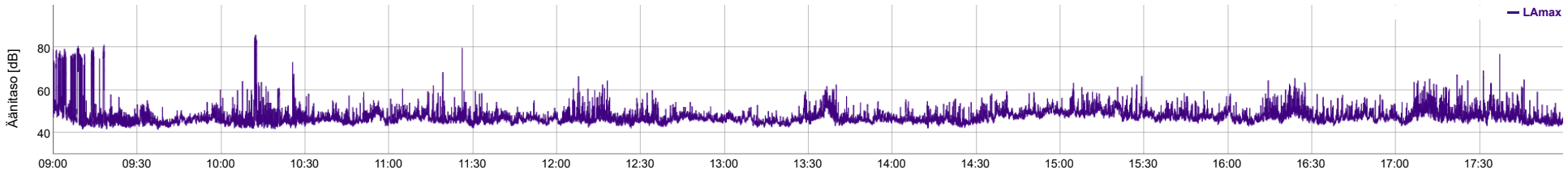
PS



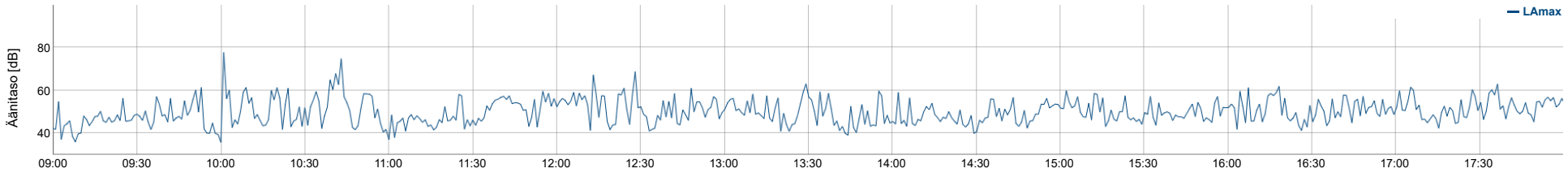
MP1



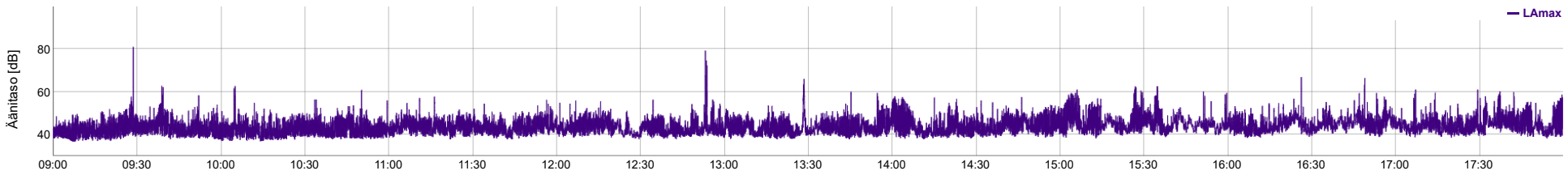
MP2



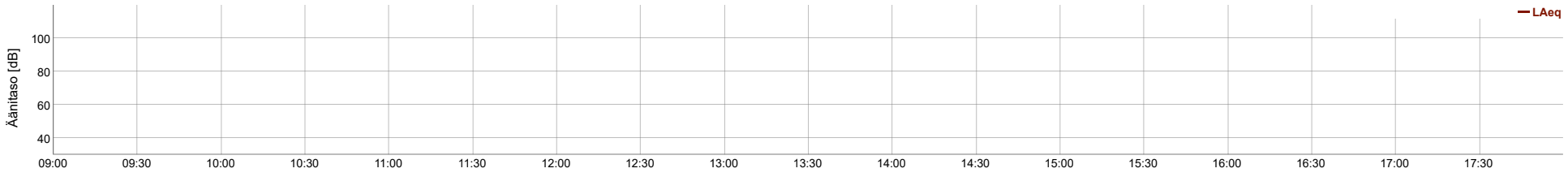
MP3



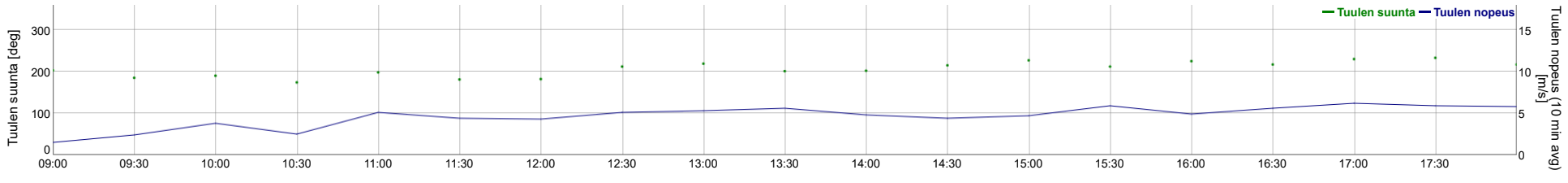
MP4



MP5



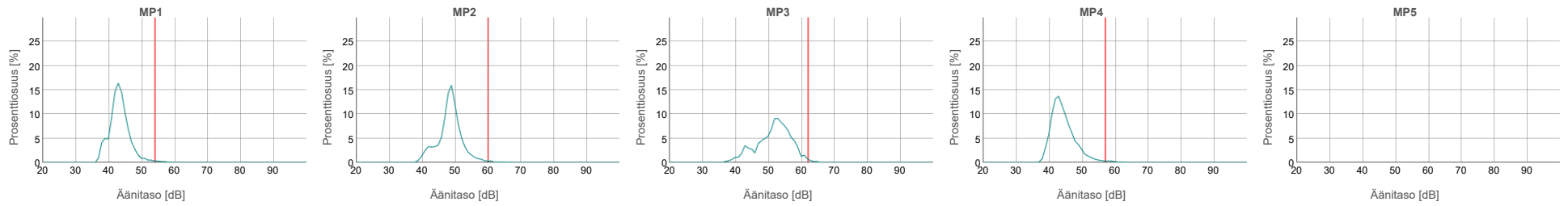
Säähavainnot



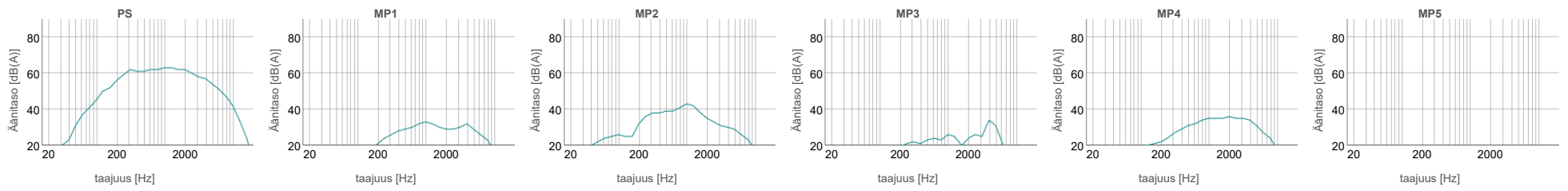
12.06.

0612	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	101	54	60	62	57	-
LAF,5%	99	49	55	59	52	-
LAF,50%	67	43	49	52	44	-
LAF,60dB	61 %	0 %	1 %	3 %	0 %	- %
LAF,65dB	52 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	48 %	0 %	0 %	0 %	0 %	- %
LAeq	72	44	49	49	45	-

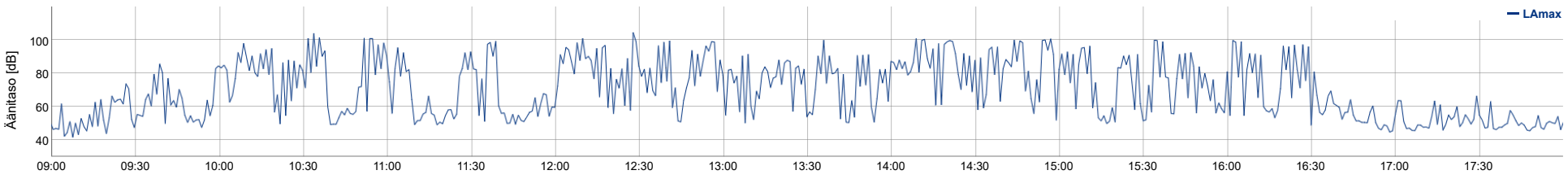
Pysyvyystasot



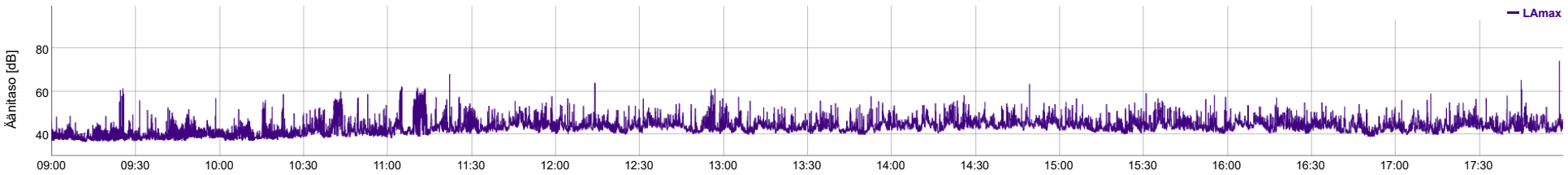
Spektrit



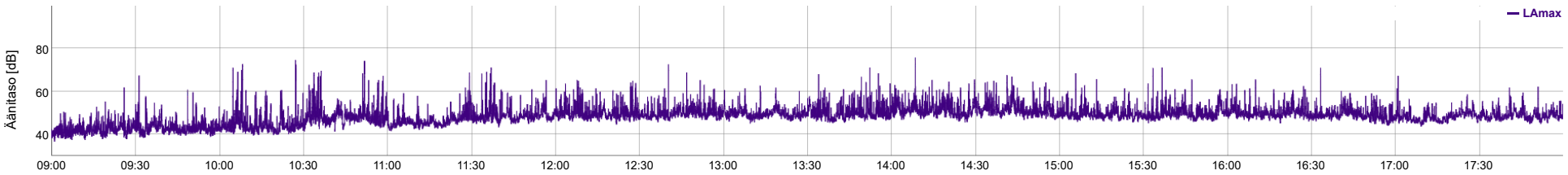
PS



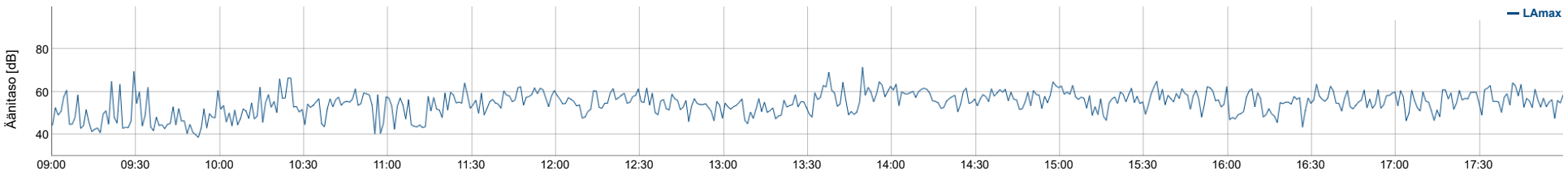
MP1



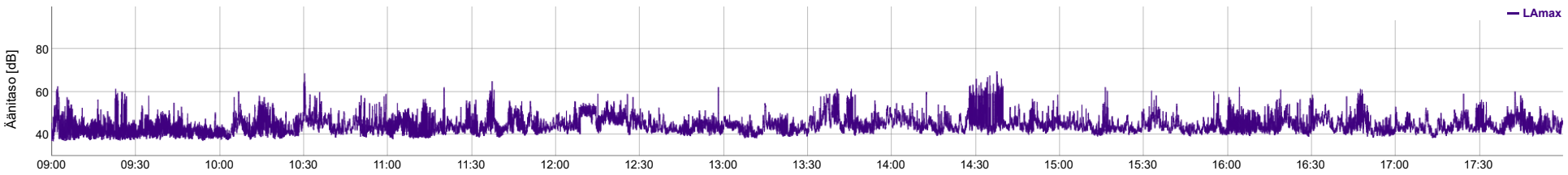
MP2



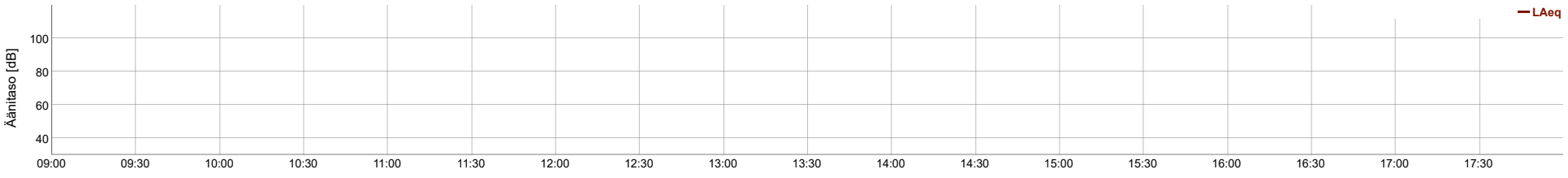
MP3



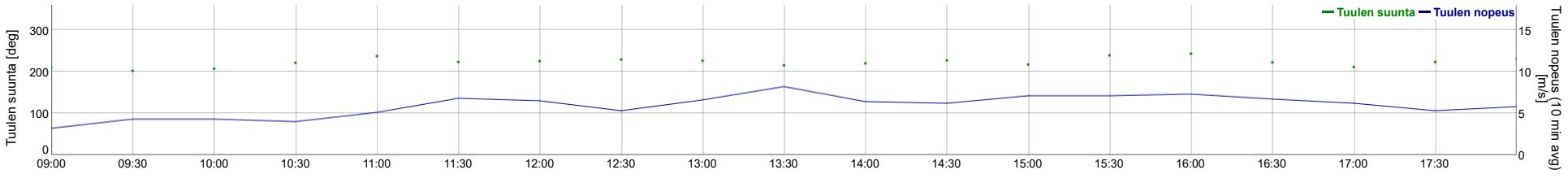
MP4



MP5



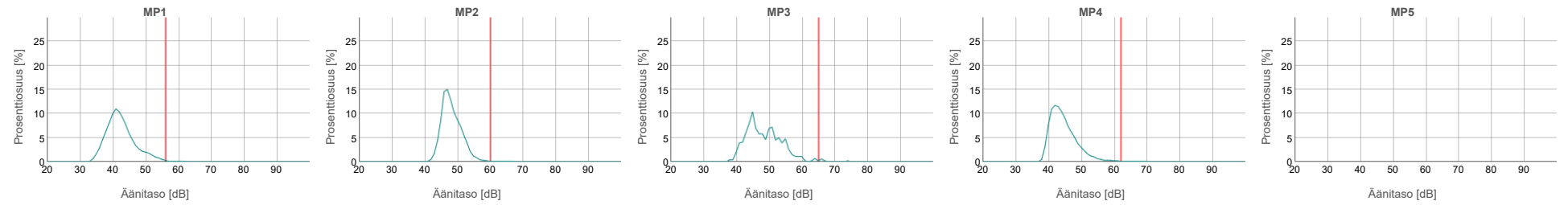
Säähavainnot



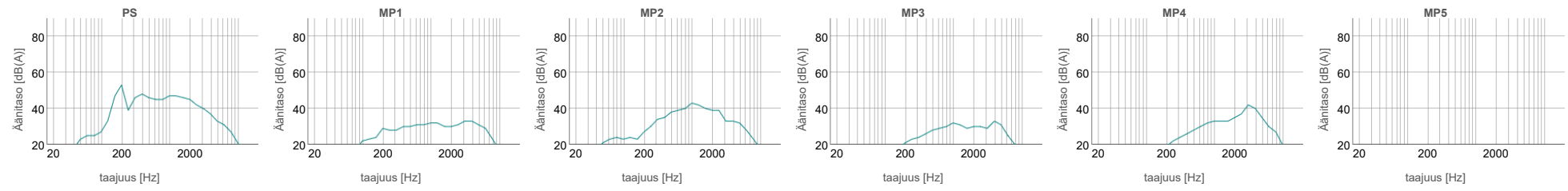
13.06.

0613	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	91	56	60	65	62	-
LAF,5%	70	51	54	58	53	-
LAF,50%	50	42	48	48	44	-
LAF,60dB	7 %	0 %	0 %	2 %	1 %	- %
LAF,65dB	6 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	5 %	0 %	0 %	0 %	0 %	- %
LAeq	58	44	50	46	47	-

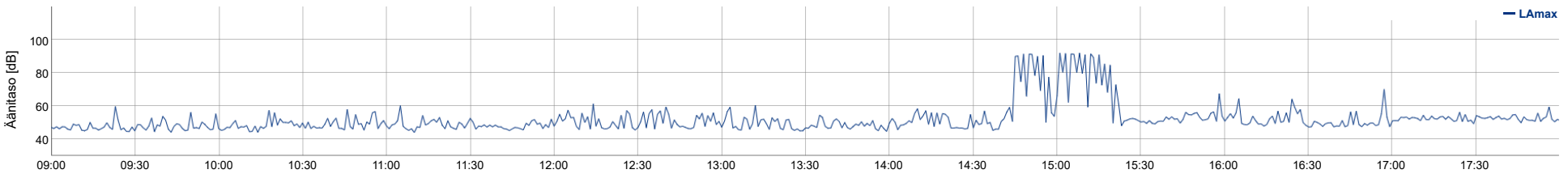
Pysyvyystasot



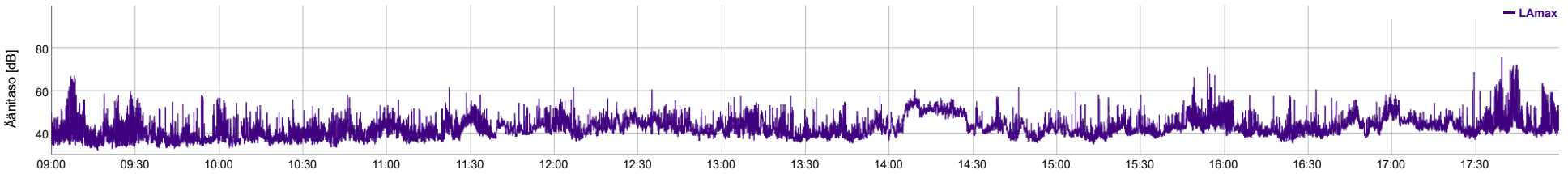
Spektrit



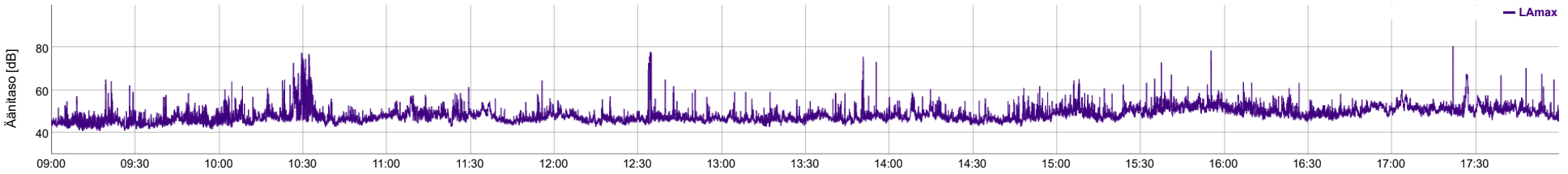
PS



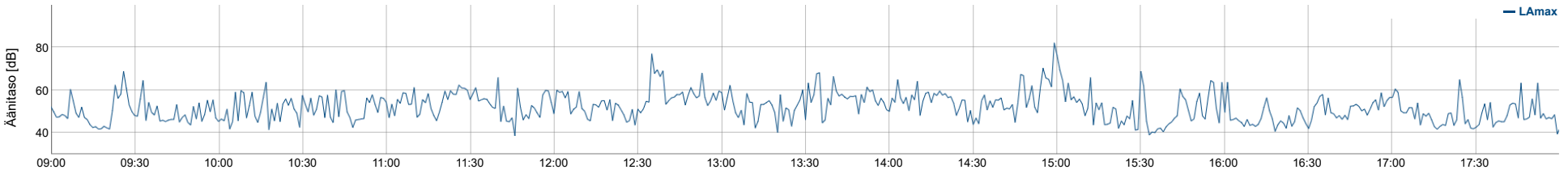
MP1



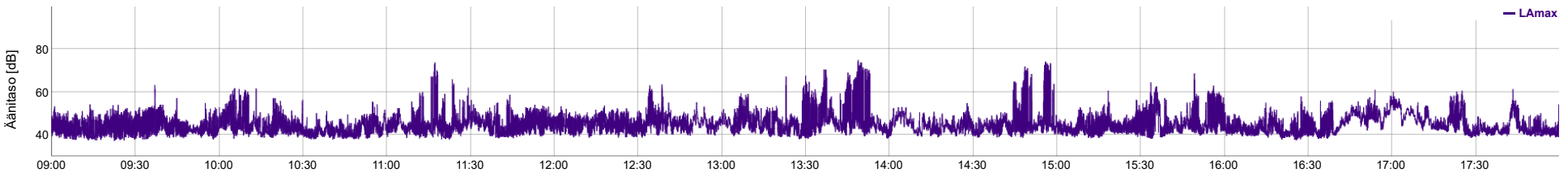
MP2



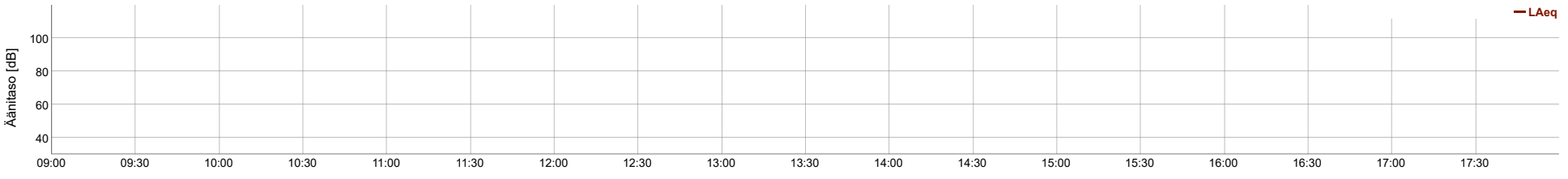
MP3



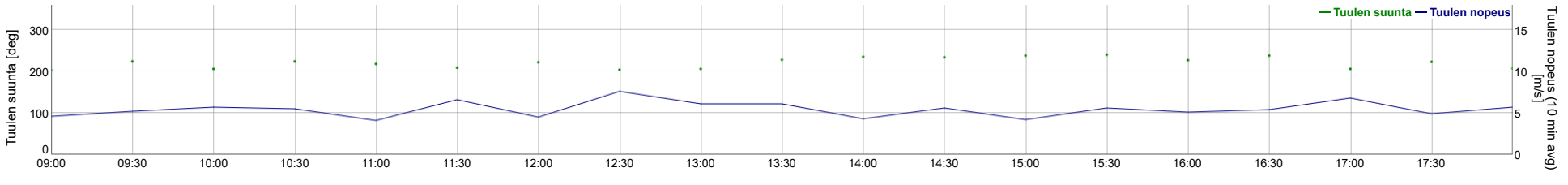
MP4



MP5



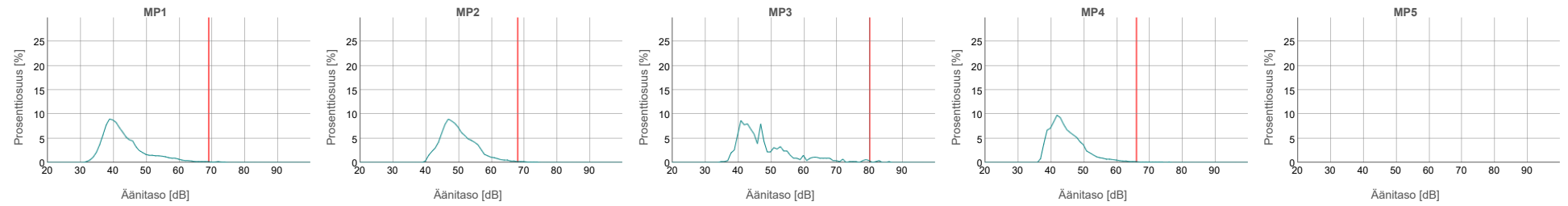
Säähavainnot



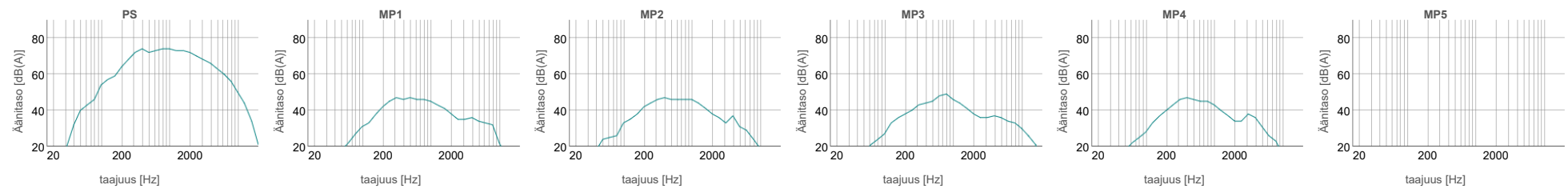
14.06.

0614	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	106	69	68	80	66	-
LAF,5%	105	58	61	68	57	-
LAF,50%	92	42	49	46	44	-
LAF,60dB	86 %	3 %	5 %	11 %	2 %	- %
LAF,65dB	82 %	1 %	2 %	6 %	1 %	- %
LAF,70dB	79 %	0 %	0 %	3 %	0 %	- %
LAeq	83	56	55	55	53	-

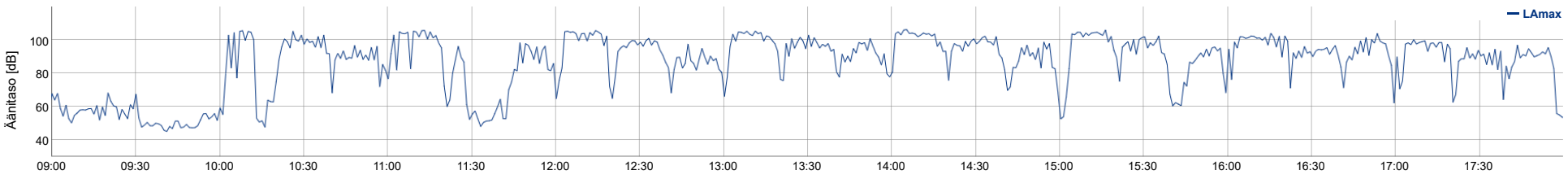
Pysyvyystasot



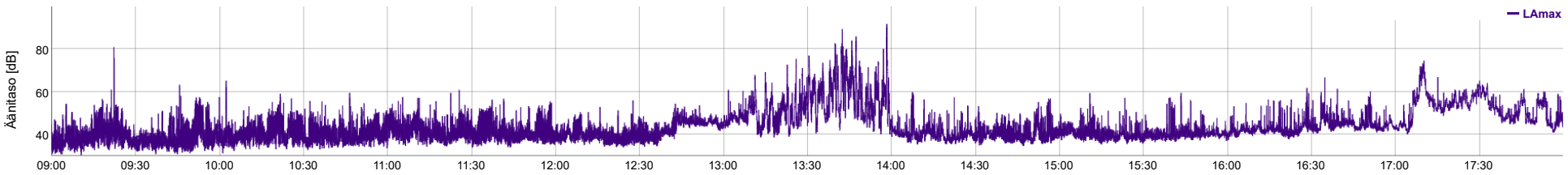
Spektrit



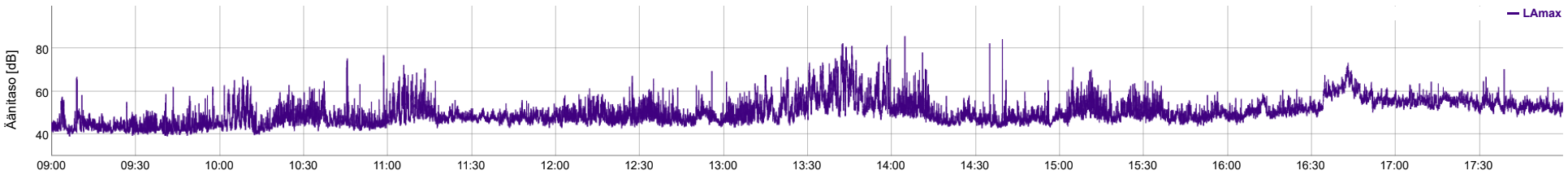
PS



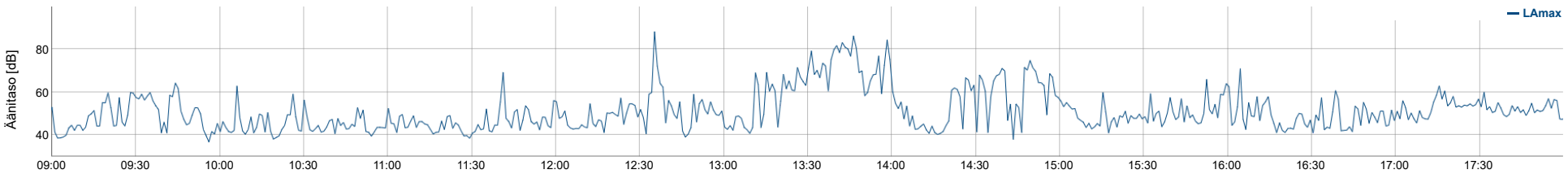
MP1



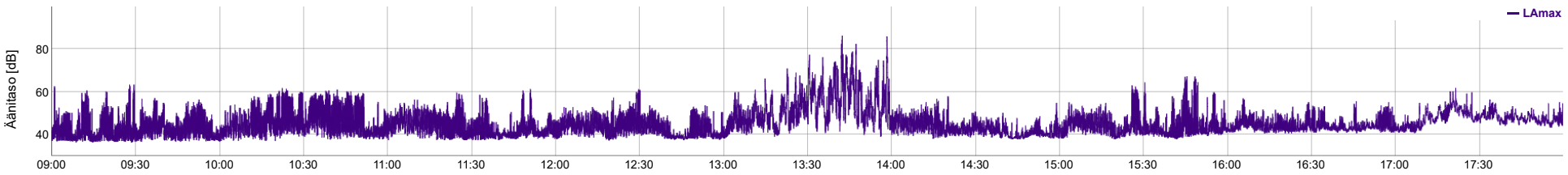
MP2



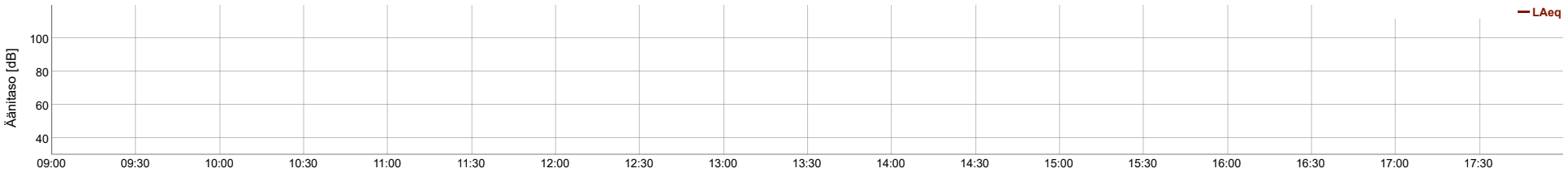
MP3



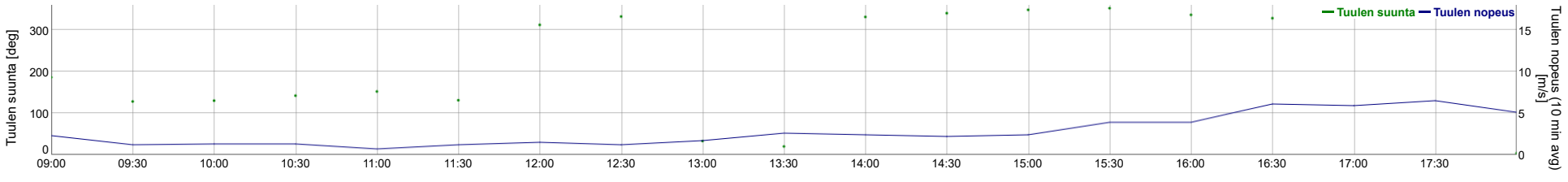
MP4



MP5



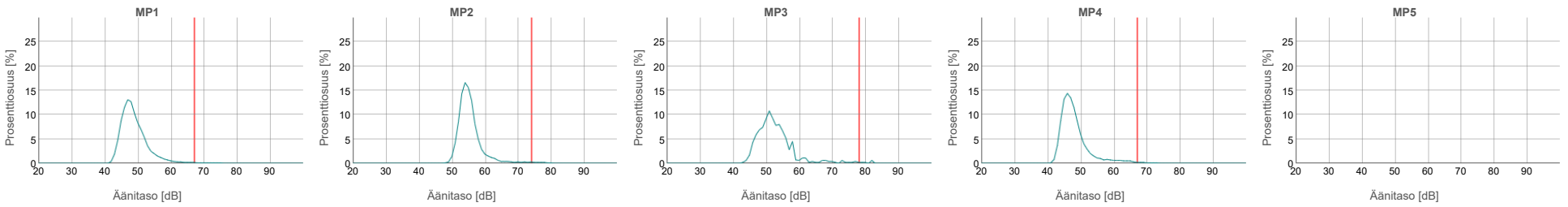
Säähavainnot



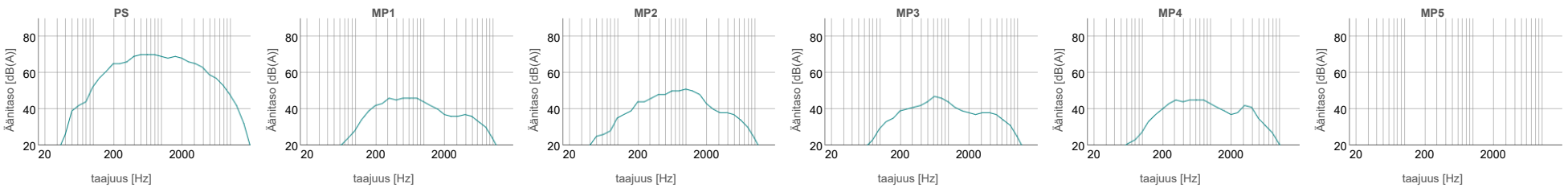
15.06.

0615	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	105	67	74	78	67	-
LAF,5%	103	57	63	64	59	-
LAF,50%	80	48	55	52	47	-
LAF,60dB	75 %	2 %	8 %	7 %	4 %	- %
LAF,65dB	68 %	1 %	3 %	4 %	1 %	- %
LAF,70dB	63 %	0 %	2 %	2 %	0 %	- %
LAeq	78	56	58	54	54	-

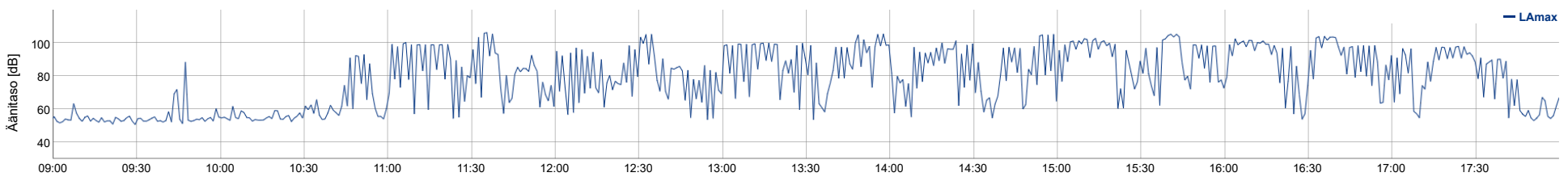
Pysyvyystasot



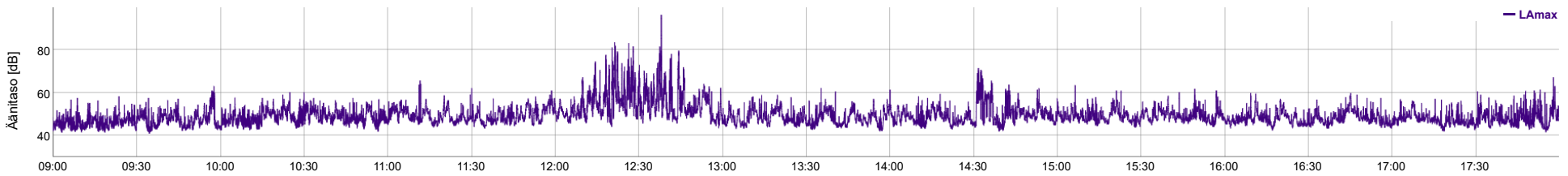
Spektrit



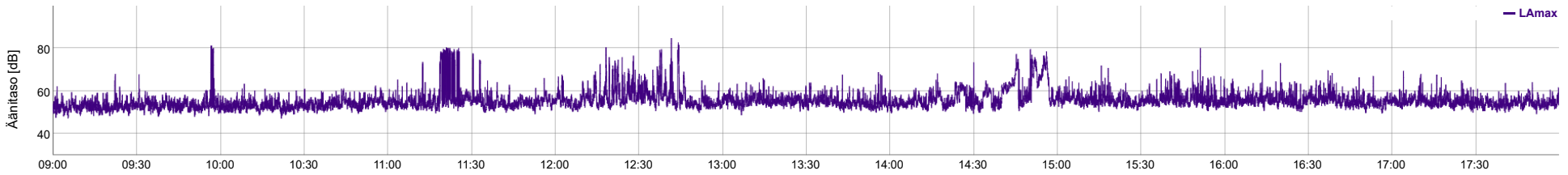
PS



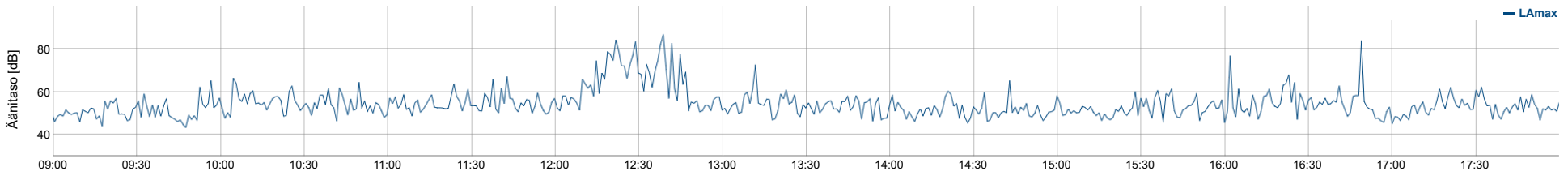
MP1



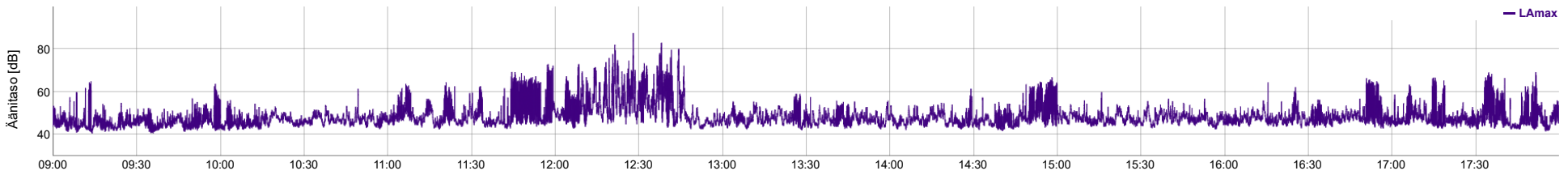
MP2



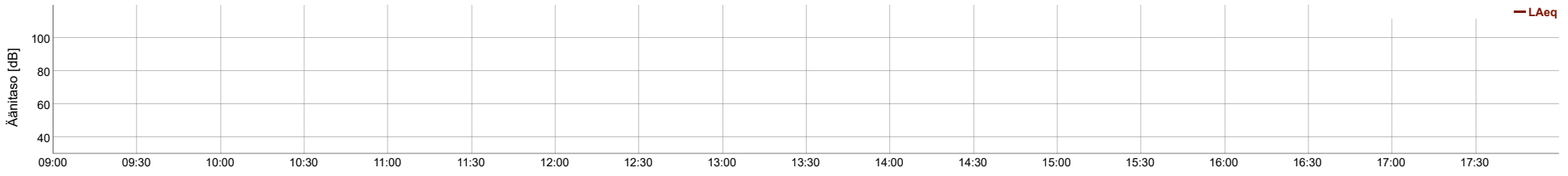
MP3



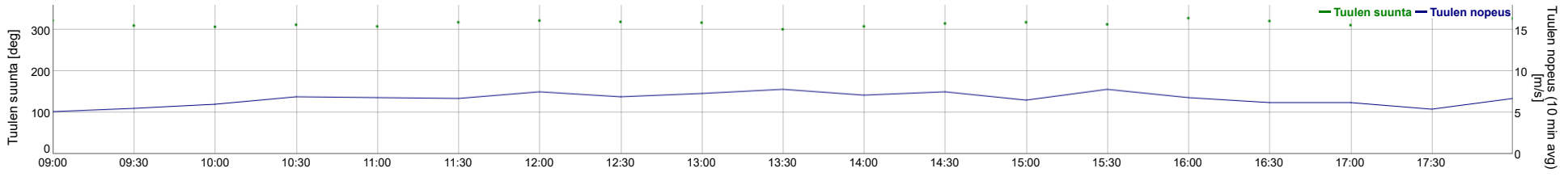
MP4



MP5



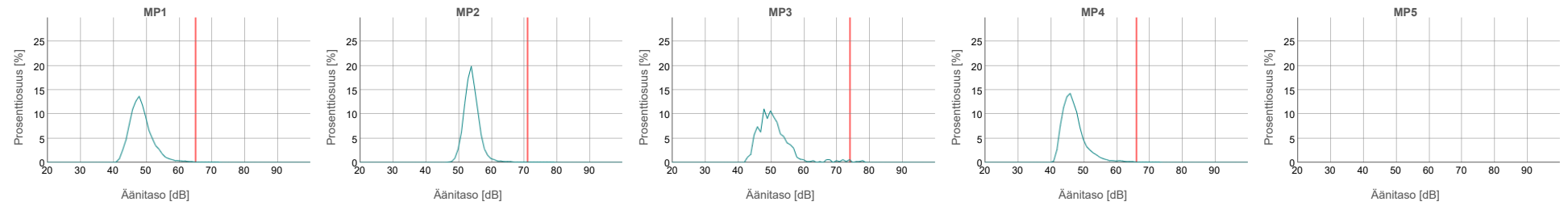
Säähavainnot



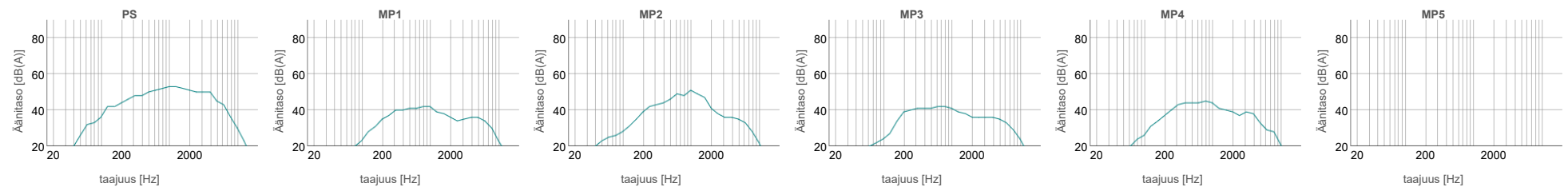
16.06.

0616	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	88	65	71	74	66	-
LAF,5%	85	56	59	60	55	-
LAF,50%	57	48	54	50	47	-
LAF,60dB	42 %	2 %	3 %	5 %	2 %	- %
LAF,65dB	33 %	0 %	1 %	3 %	1 %	- %
LAF,70dB	28 %	0 %	1 %	2 %	0 %	- %
LAeq	62	52	57	51	53	-

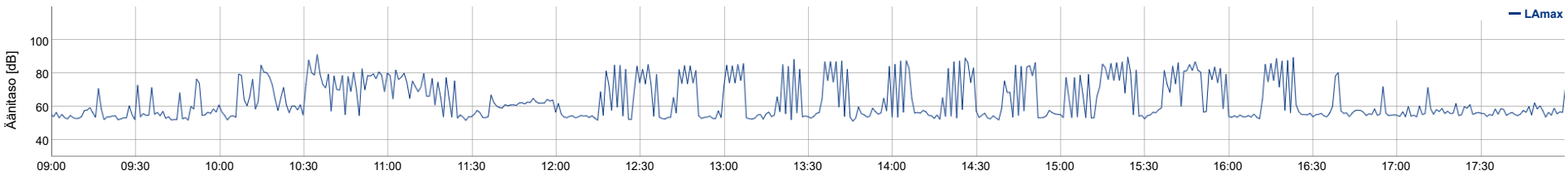
Pysyvyystasot



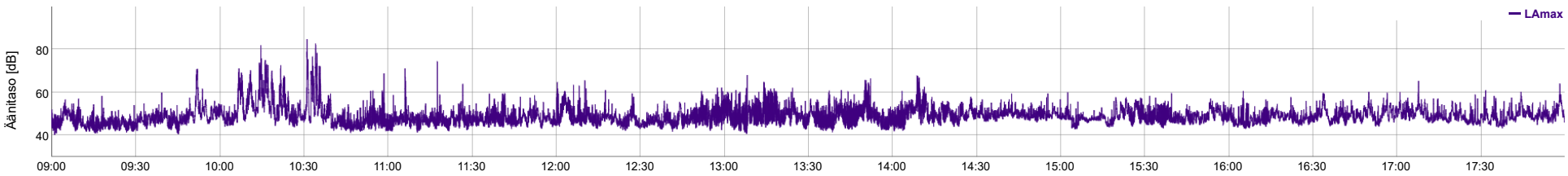
Spektrit



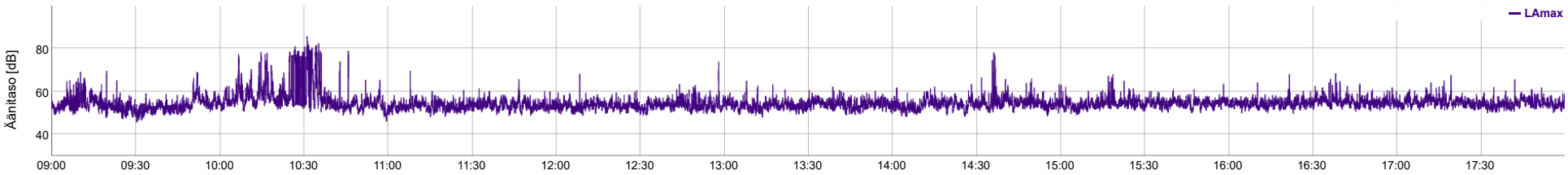
PS



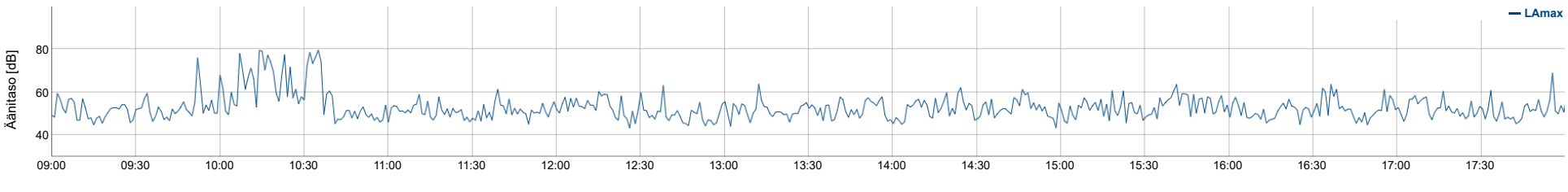
MP1



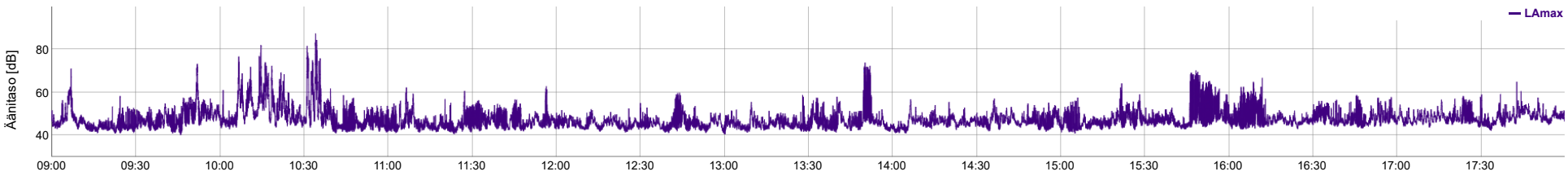
MP2



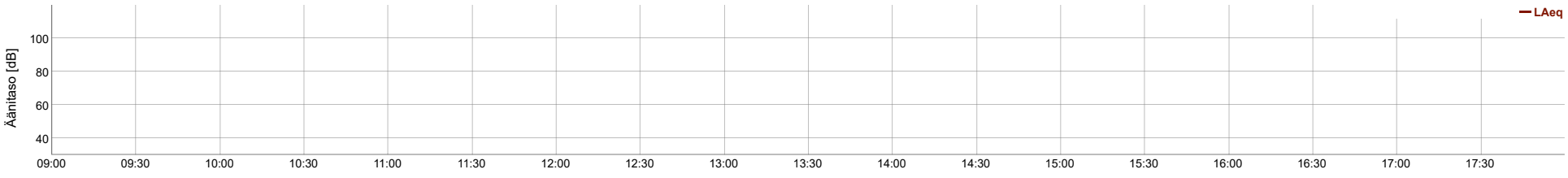
MP3



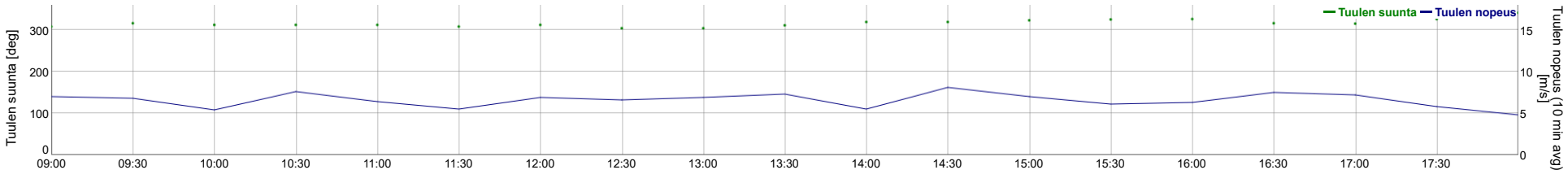
MP4



MP5



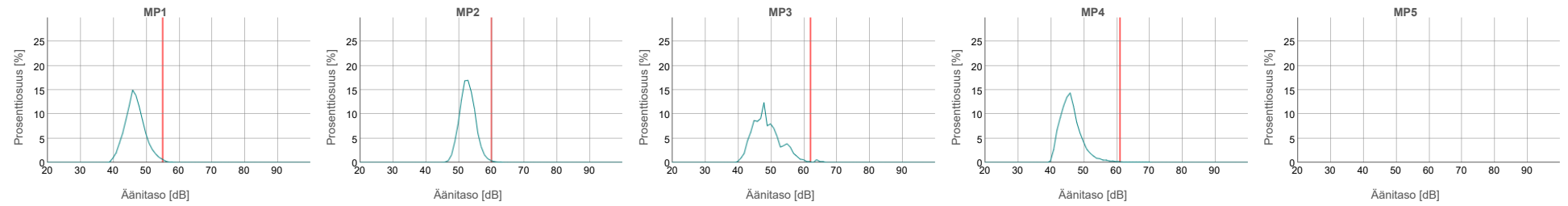
Säähavainnot



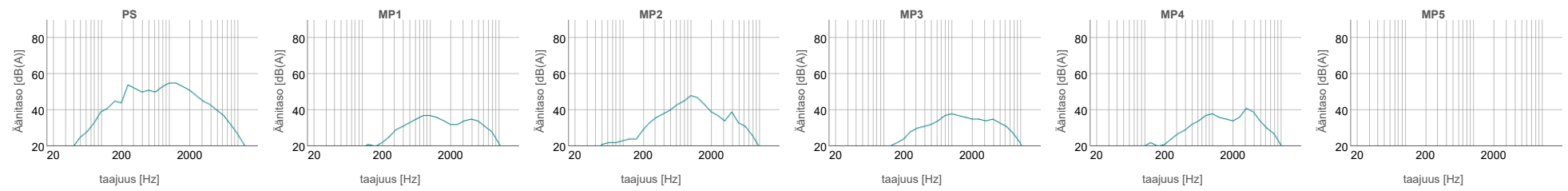
17.06.

0617	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	90	55	60	62	61	-
LAF,5%	87	52	57	57	53	-
LAF,50%	55	47	53	48	46	-
LAF,60dB	35 %	0 %	0 %	1 %	1 %	- %
LAF,65dB	29 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	25 %	0 %	0 %	0 %	0 %	- %
LAeq	63	47	53	46	48	-

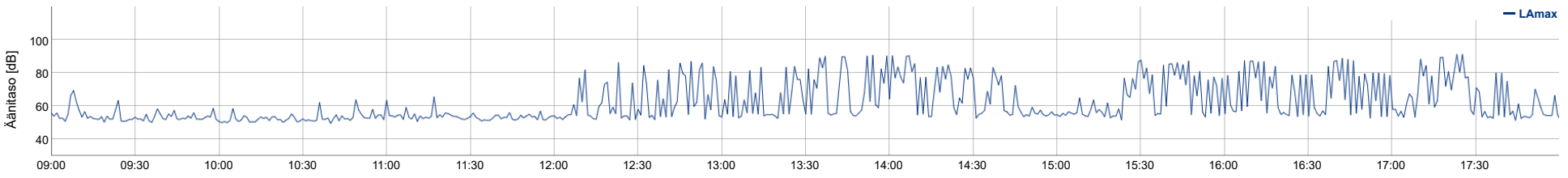
Pysyvyystasot



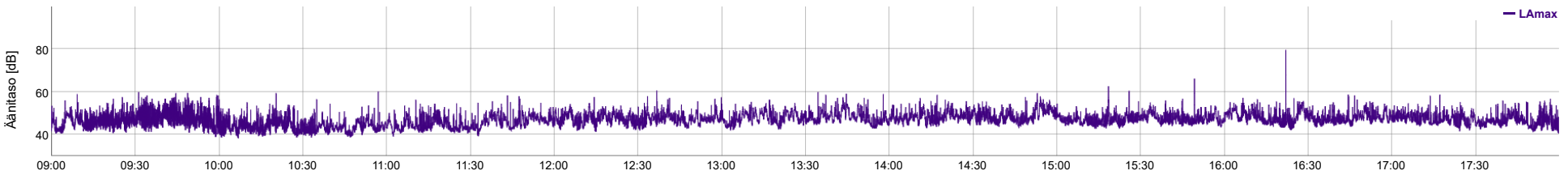
Spektrit



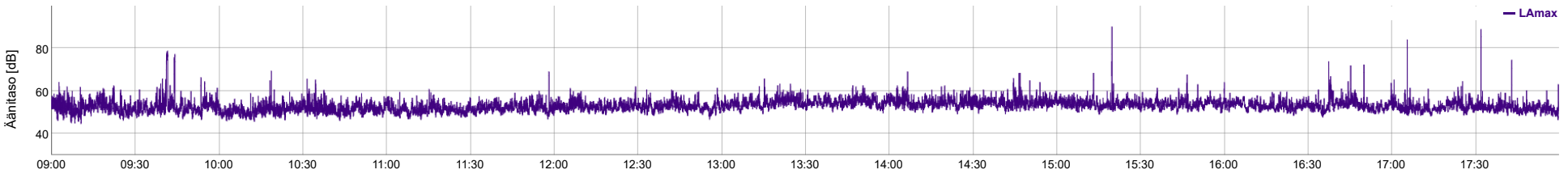
PS



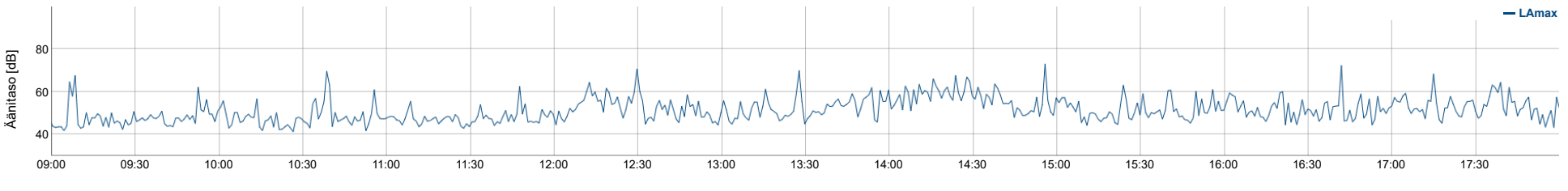
MP1



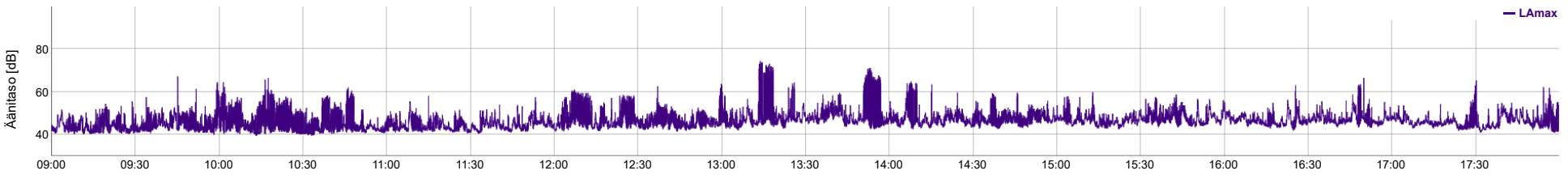
MP2



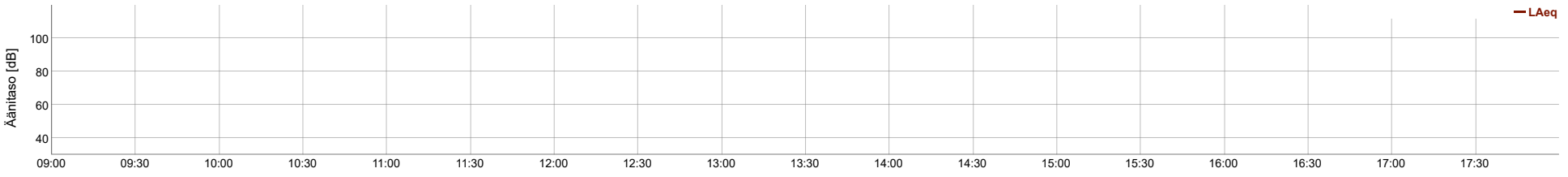
MP3



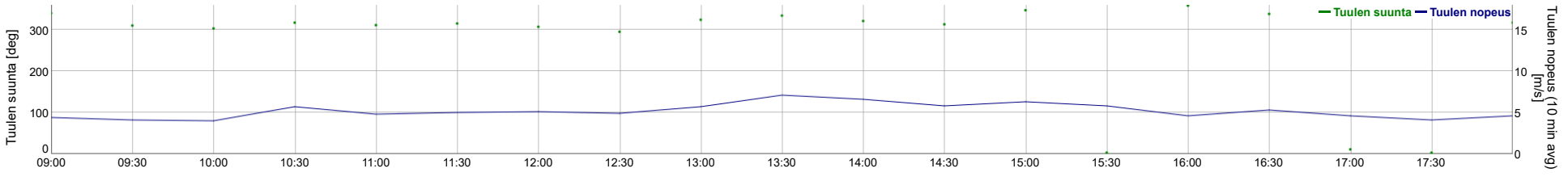
MP4



MP5



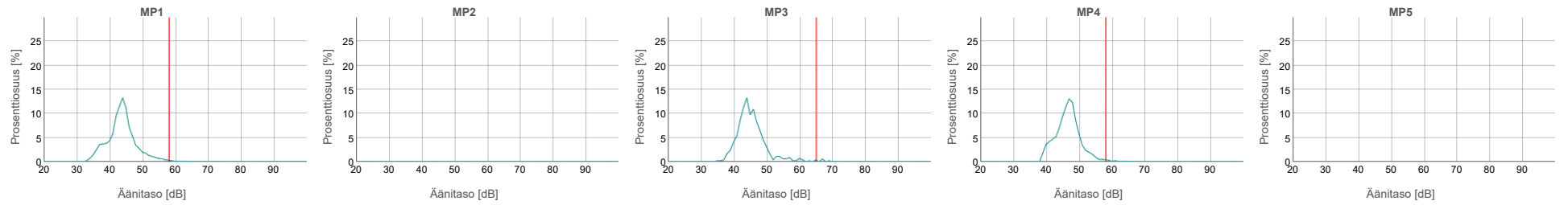
Säähavainnot



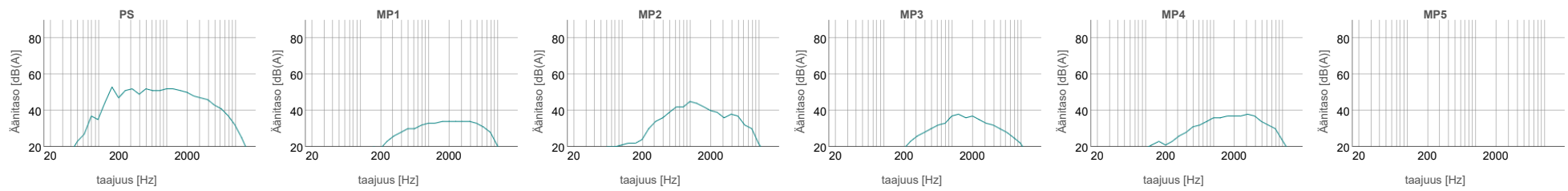
18.06.

0618	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	87	58	-	65	58	-
LAF,5%	85	52	-	54	53	-
LAF,50%	59	44	-	45	47	-
LAF,60dB	43 %	0 %	- %	1 %	0 %	- %
LAF,65dB	28 %	0 %	- %	0 %	0 %	- %
LAF,70dB	23 %	0 %	- %	0 %	0 %	- %
LAeq	63	45	-	43	48	-

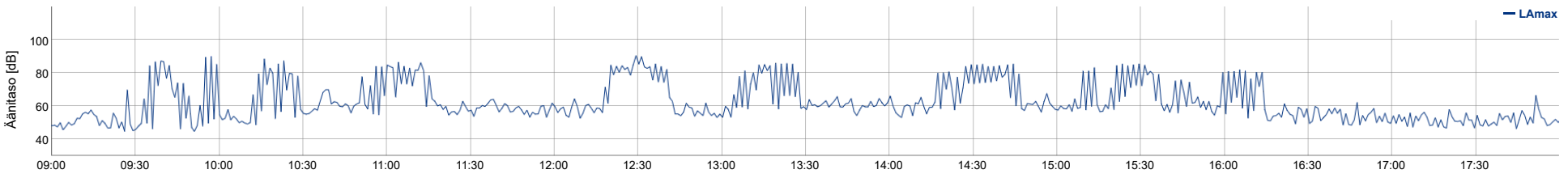
Pysyvyystasot



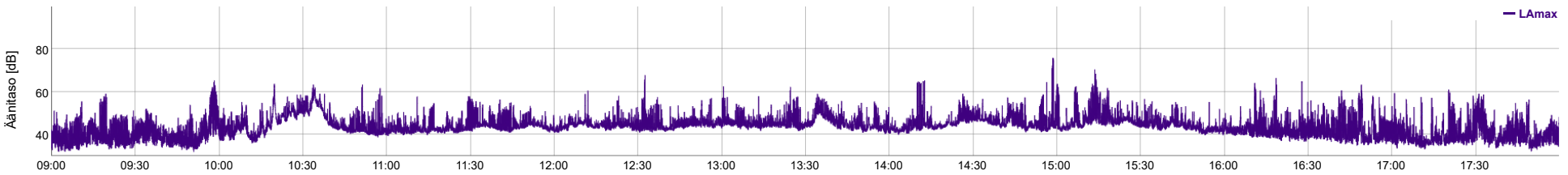
Spektrit



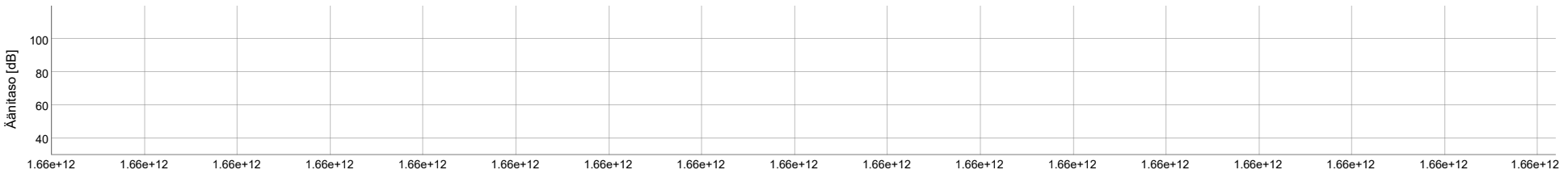
PS



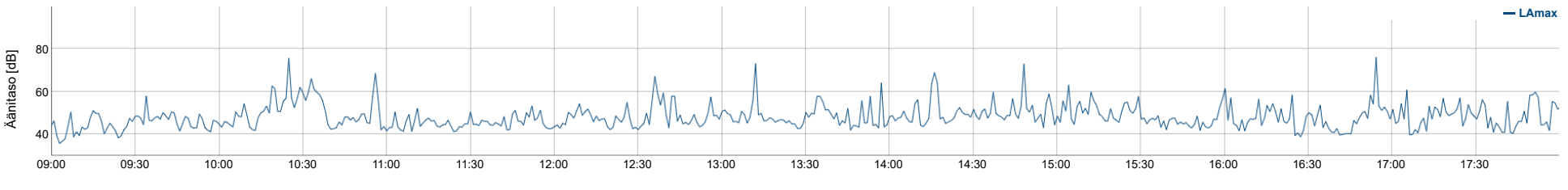
MP1



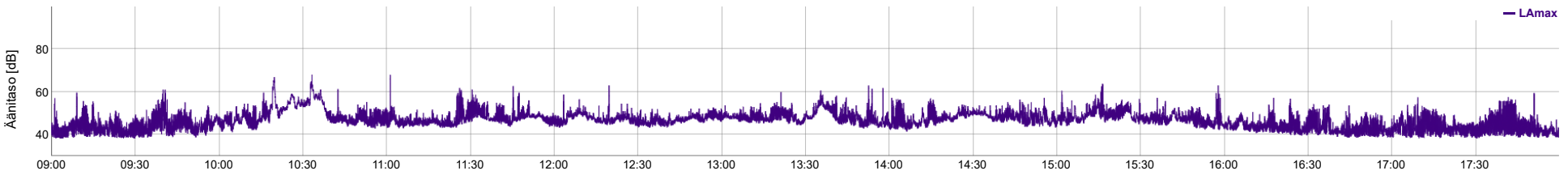
MP2



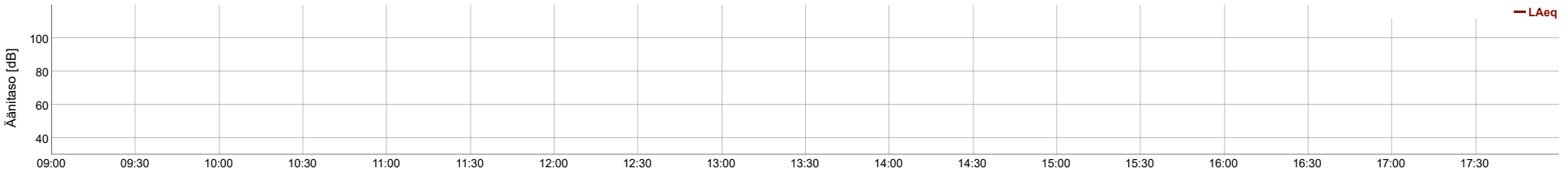
MP3



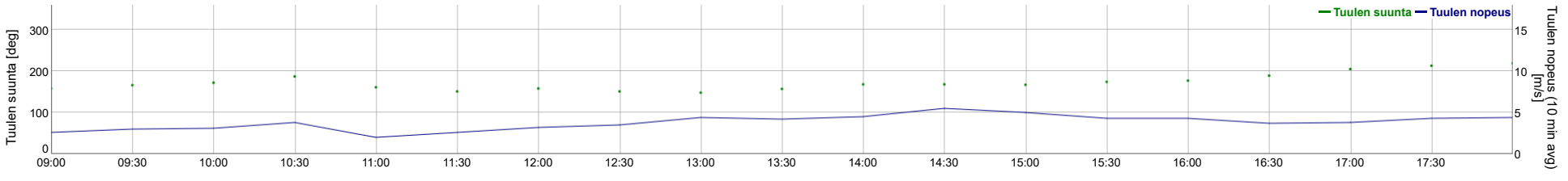
MP4



MP5



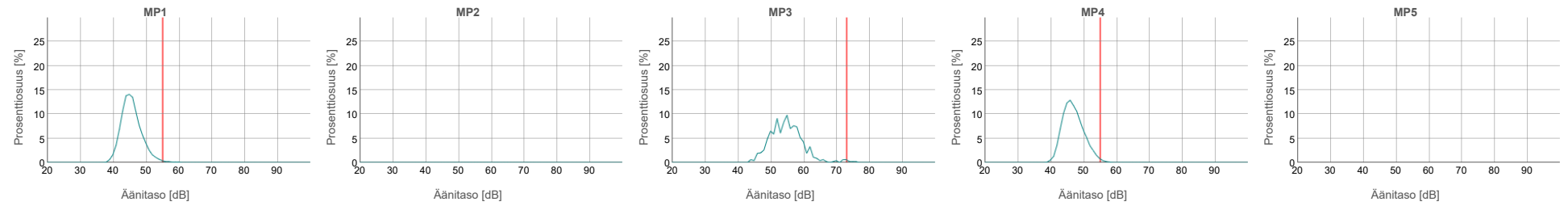
Säähavainnot



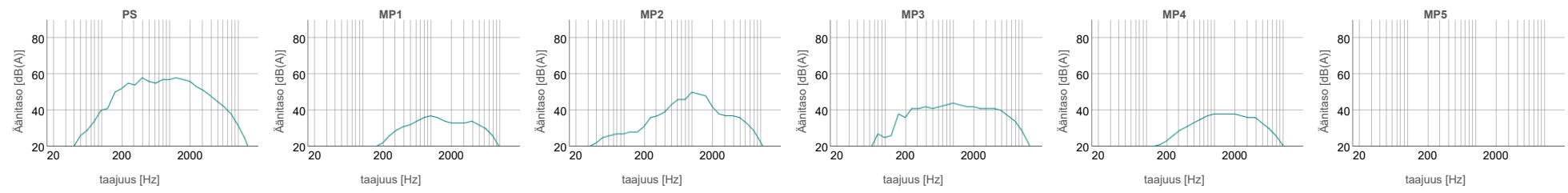
19.06.

0619	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	95	55	-	73	55	-
LAF,5%	89	51	-	63	53	-
LAF,50%	61	45	-	55	47	-
LAF,60dB	50 %	0 %	- %	11 %	0 %	- %
LAF,65dB	46 %	0 %	- %	3 %	0 %	- %
LAF,70dB	42 %	0 %	- %	1 %	0 %	- %
LAeq	67	46	-	54	47	-

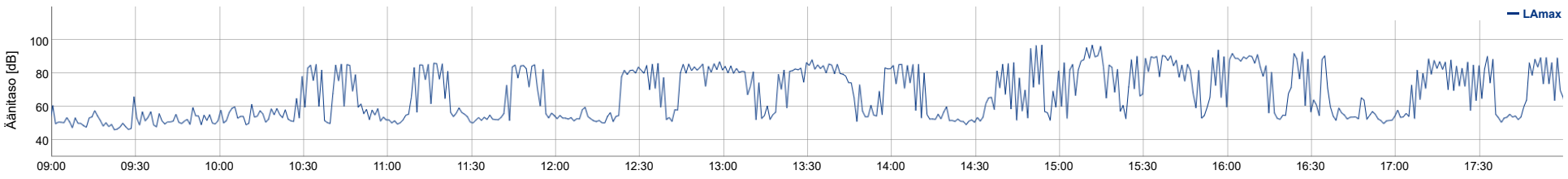
Pysyvyystasot



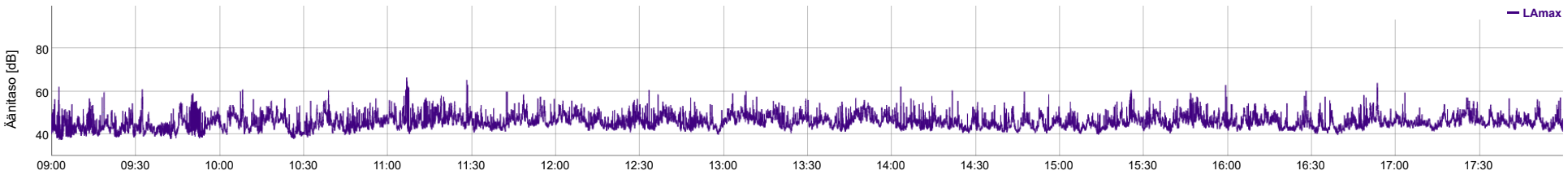
Spektrit



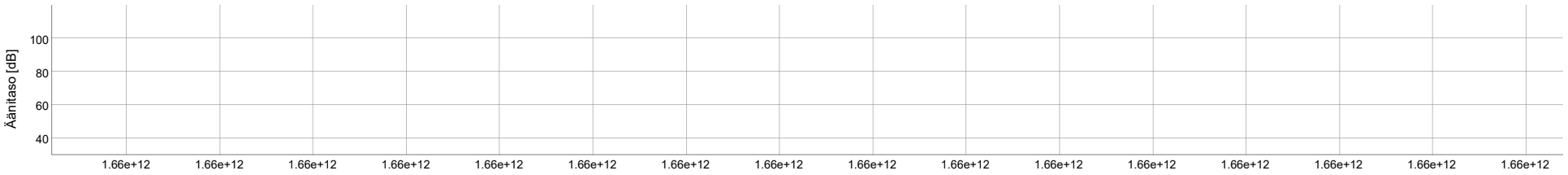
PS



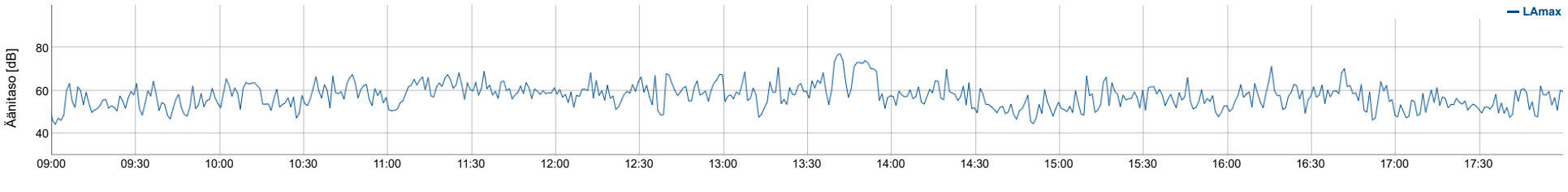
MP1



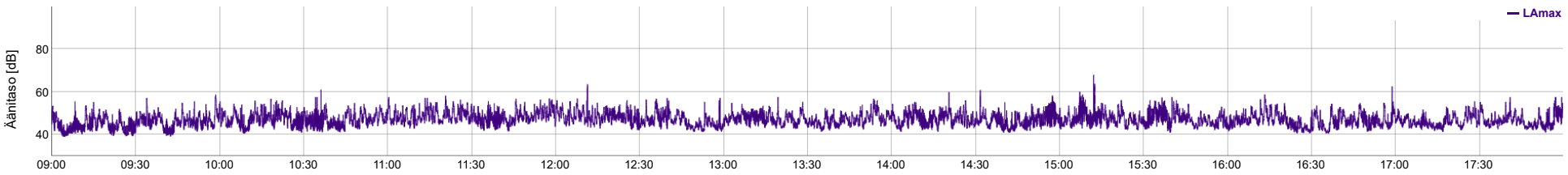
MP2



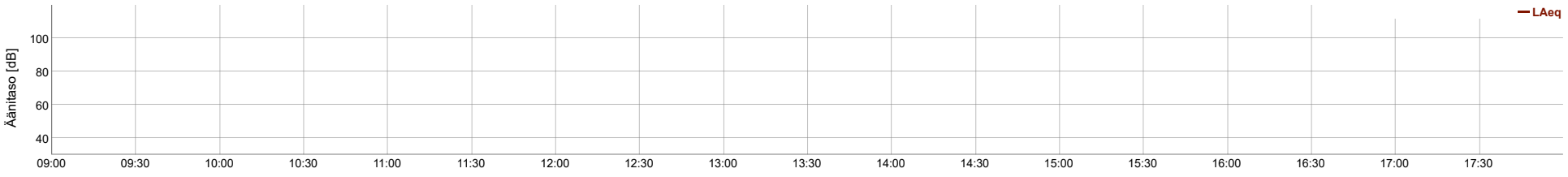
MP3



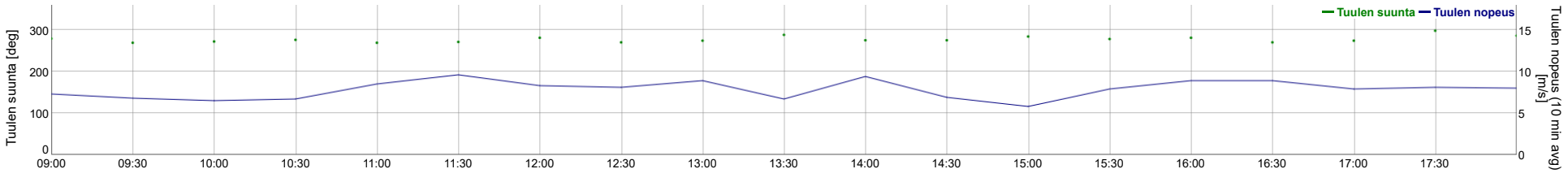
MP4



MP5



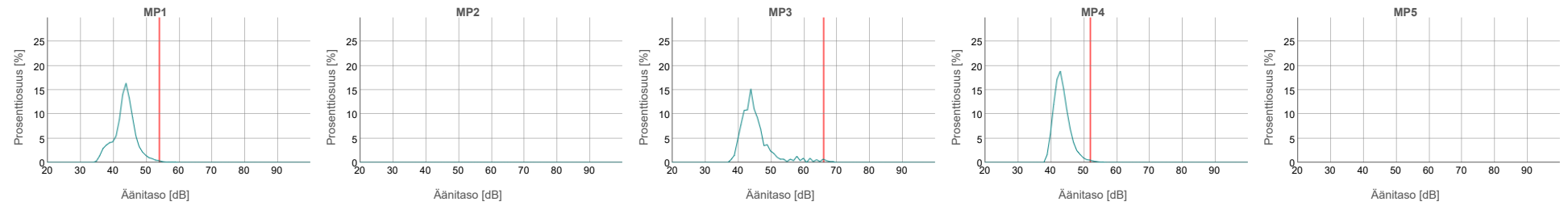
Säähavainnot



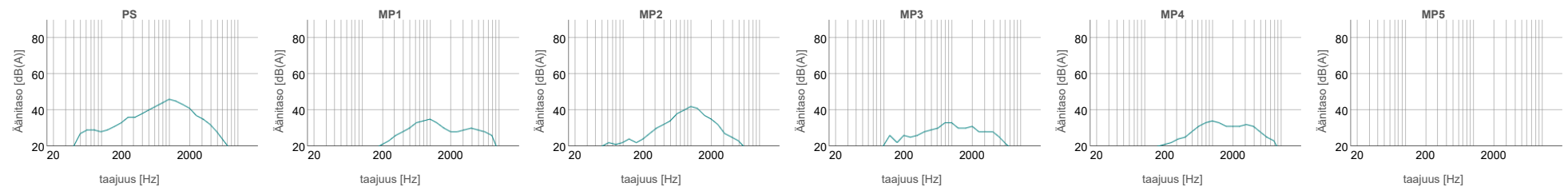
20.06.

0620	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	81	54	-	66	52	-
LAF,5%	61	49	-	58	48	-
LAF,50%	52	44	-	44	43	-
LAF,60dB	5 %	0 %	- %	3 %	0 %	- %
LAF,65dB	3 %	0 %	- %	1 %	0 %	- %
LAF,70dB	2 %	0 %	- %	0 %	0 %	- %
LAeq	52	44	-	42	43	-

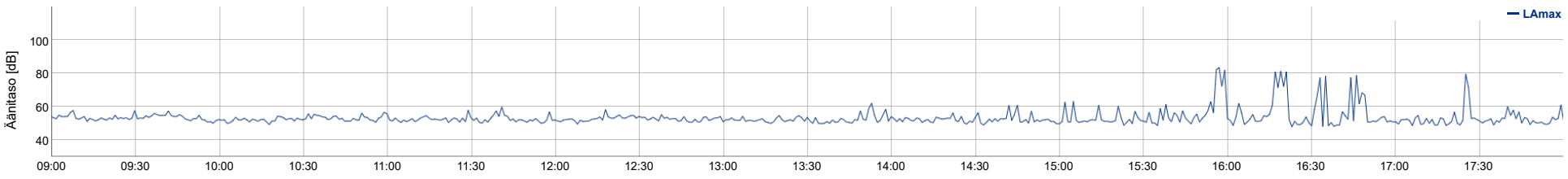
Pysyvyystasot



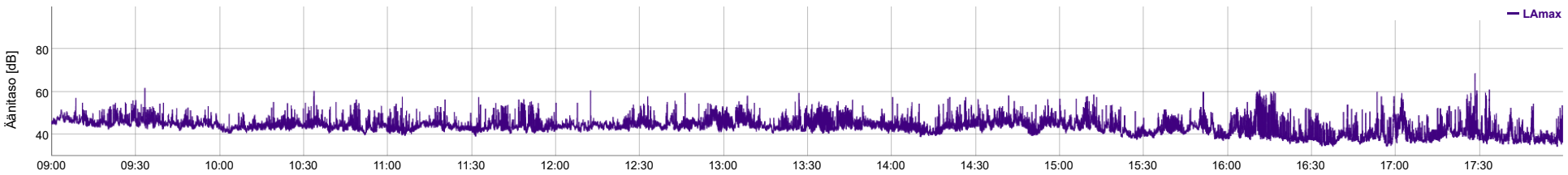
Spektrit



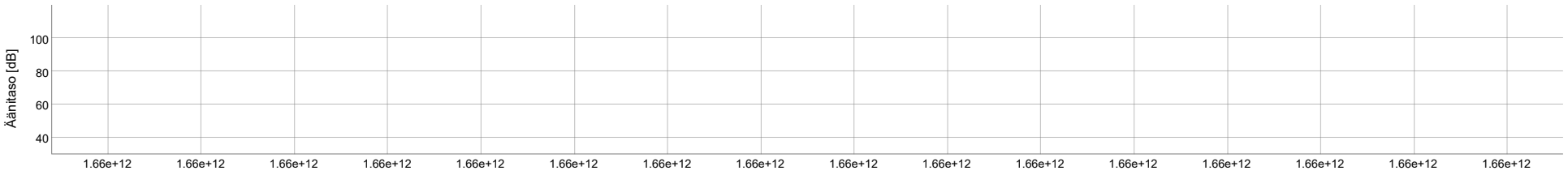
PS



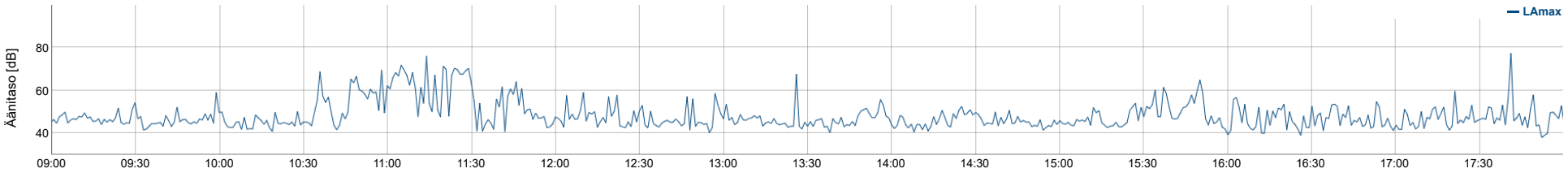
MP1



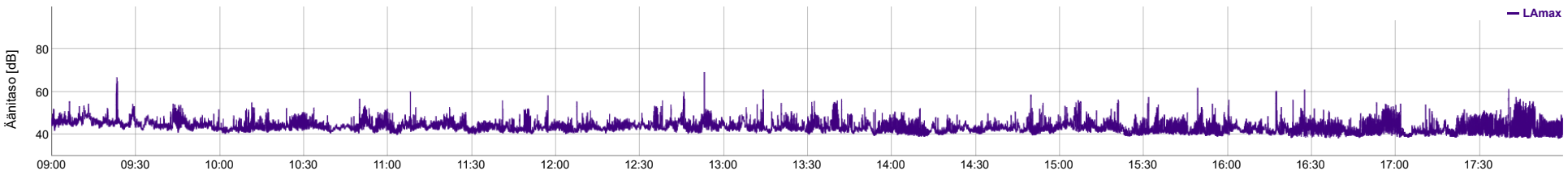
MP2



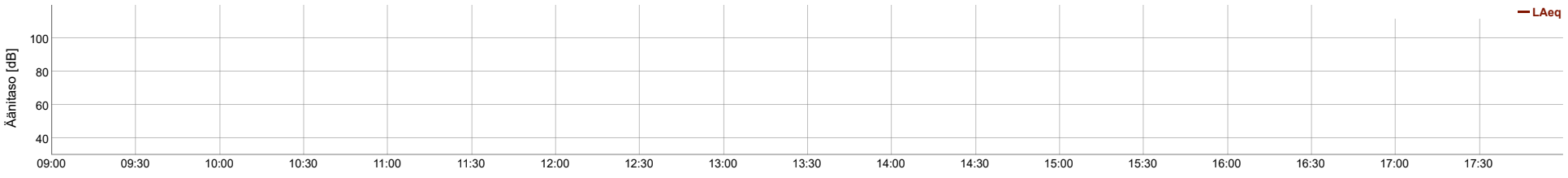
MP3



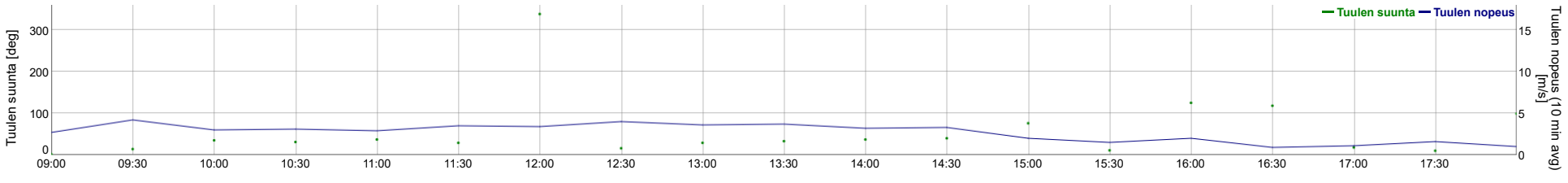
MP4



MP5



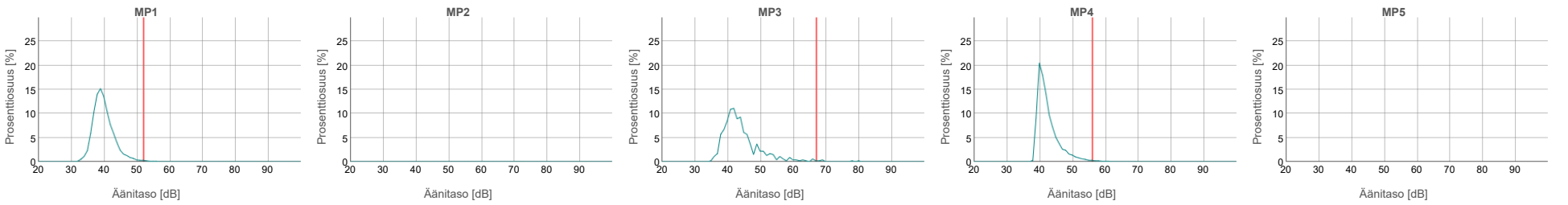
Säähavainnot



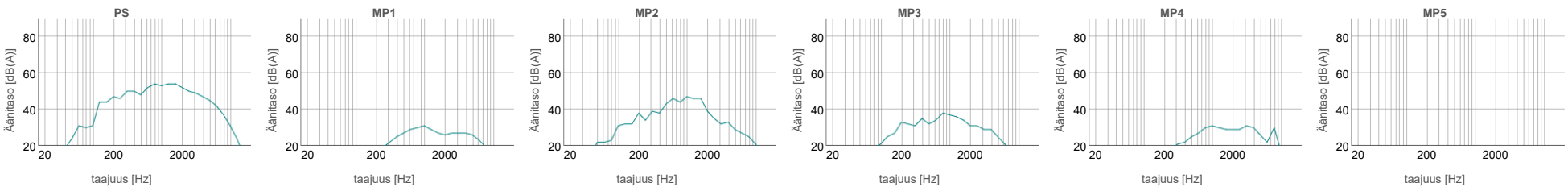
21.06.

0621	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	93	52	-	67	56	-
LAF,5%	86	46	-	56	50	-
LAF,50%	52	40	-	43	42	-
LAF,60dB	31 %	0 %	- %	2 %	0 %	- %
LAF,65dB	27 %	0 %	- %	1 %	0 %	- %
LAF,70dB	23 %	0 %	- %	0 %	0 %	- %
LAeq	62	40	-	44	42	-

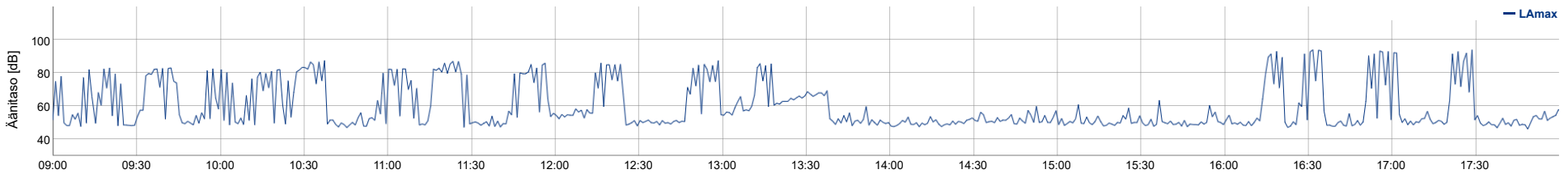
Pysyvyystasot



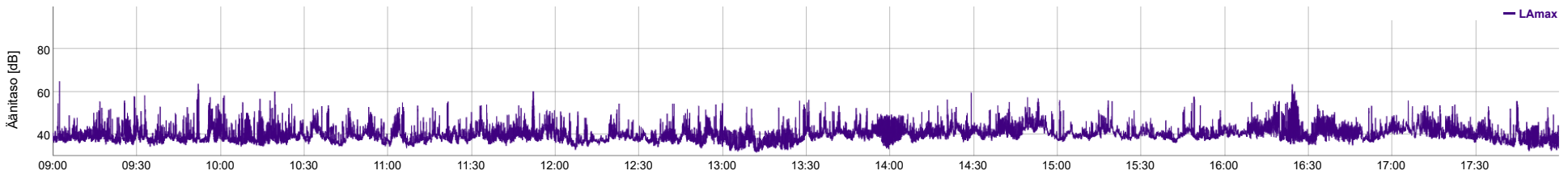
Spektrit



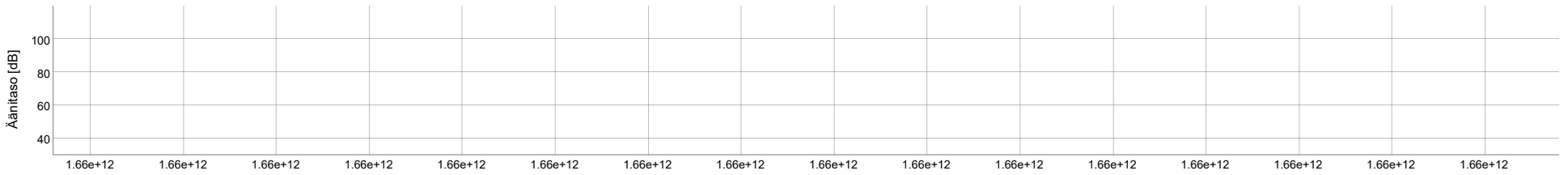
PS



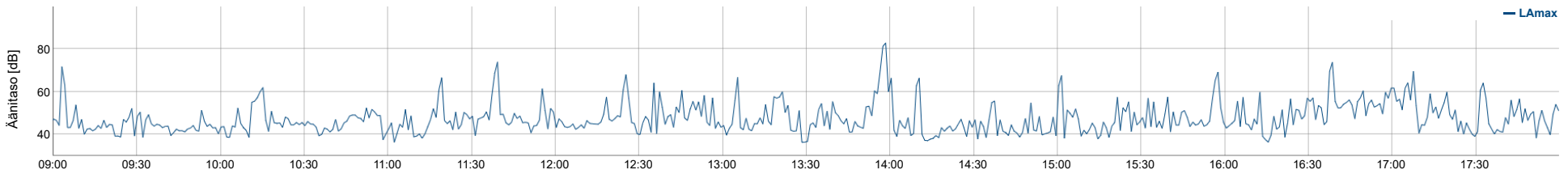
MP1



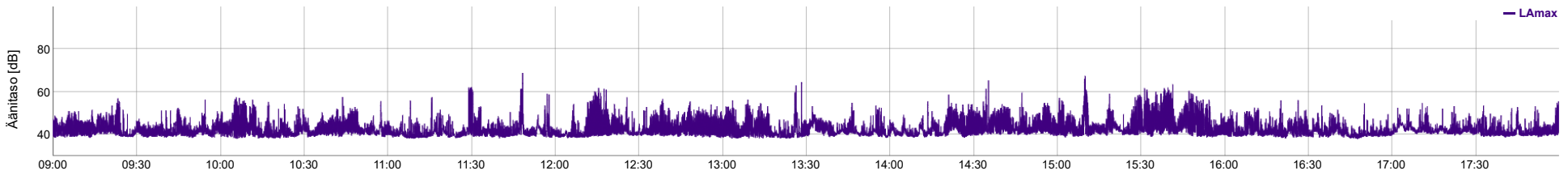
MP2



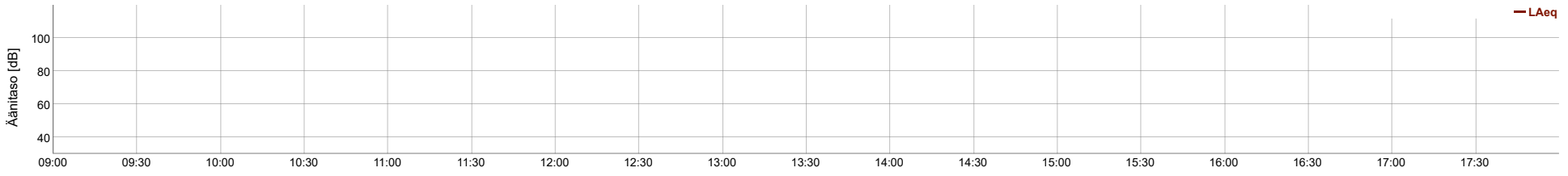
MP3



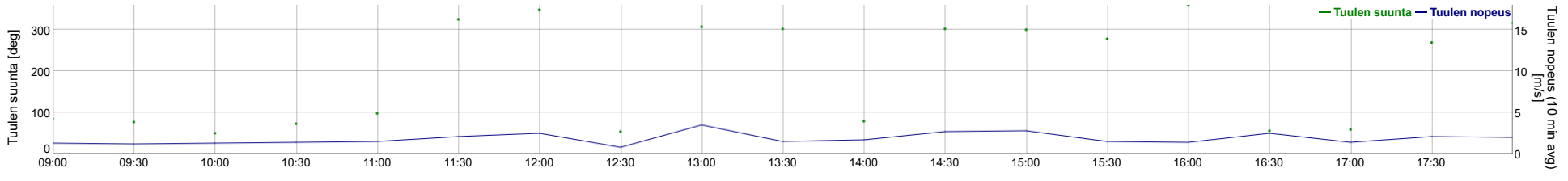
MP4



MP5



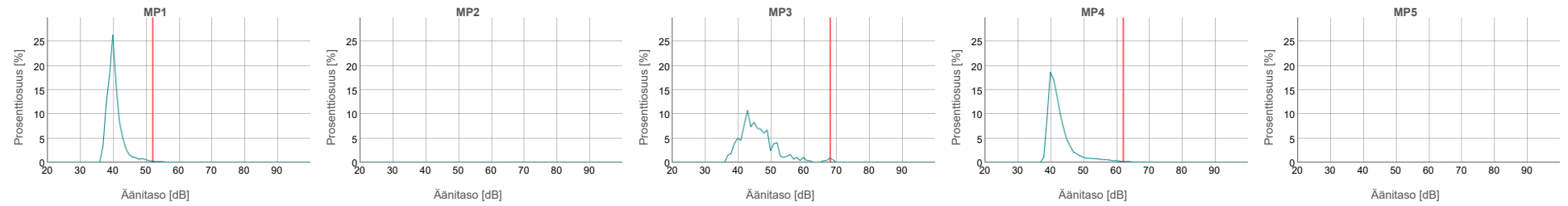
Säähavainnot



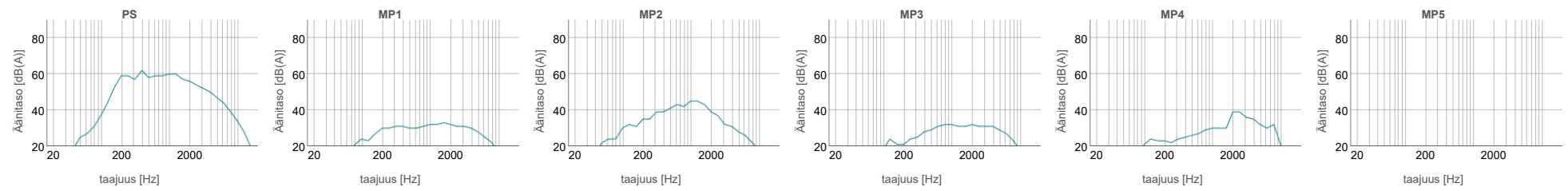
22.06.

0622	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	97	52	-	68	62	-
LAF,5%	95	46	-	58	54	-
LAF,50%	57	40	-	45	42	-
LAF,60dB	47 %	0 %	- %	3 %	1 %	- %
LAF,65dB	44 %	0 %	- %	2 %	0 %	- %
LAF,70dB	39 %	0 %	- %	0 %	0 %	- %
LAeq	70	40	-	43	46	-

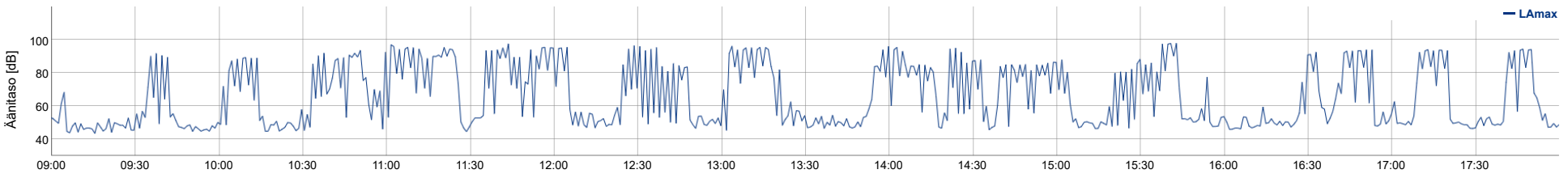
Pysyvyystasot



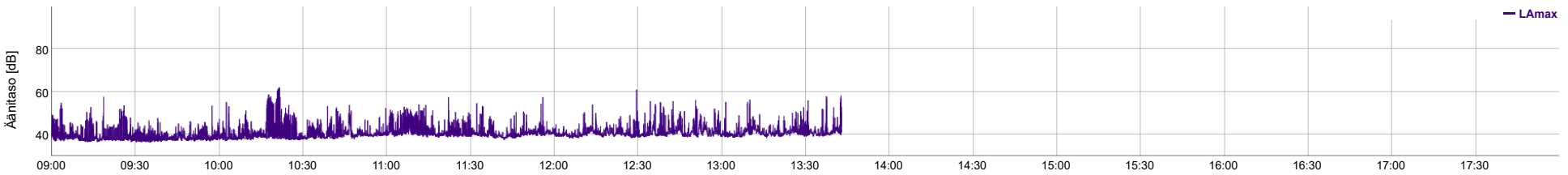
Spektrit



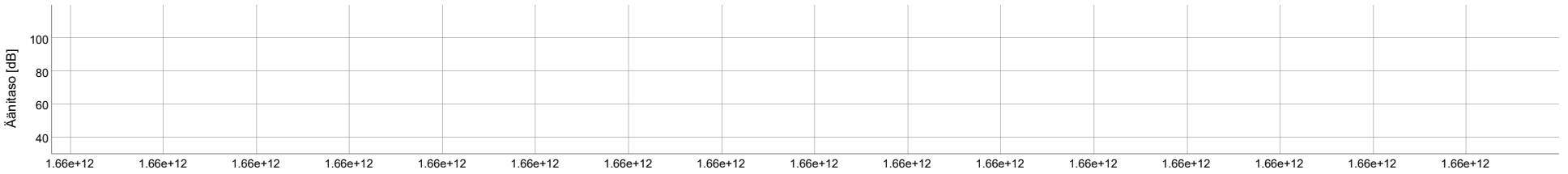
PS



MP1

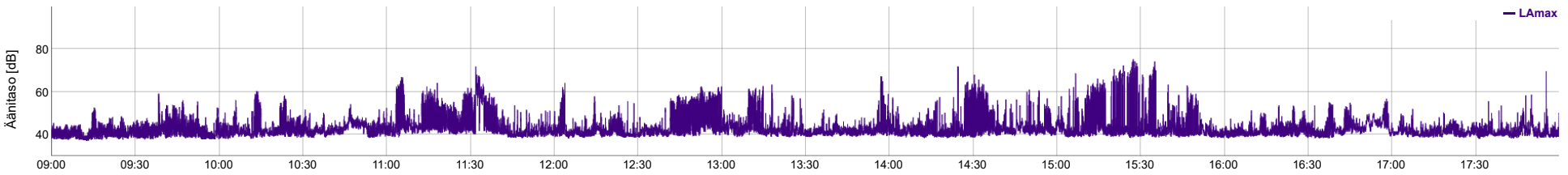


MP2

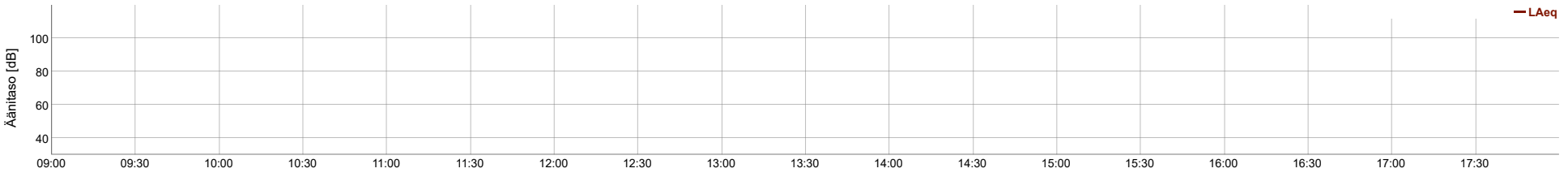


MP3

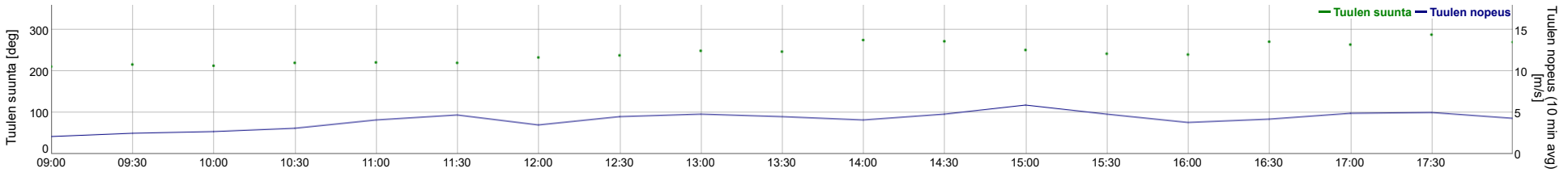
MP4



MP5



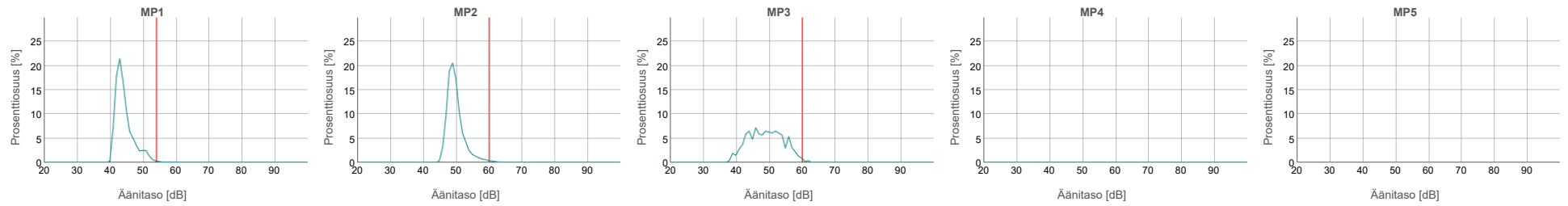
Säähavainnot



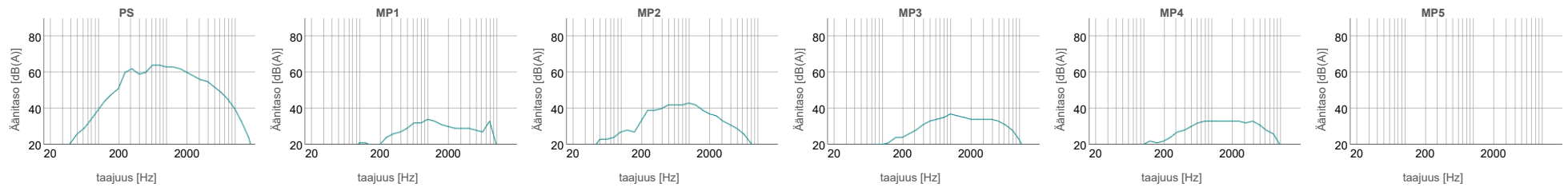
23.06.

0623	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	95	54	60	60	-	-
LAF,5%	94	51	55	57	-	-
LAF,50%	73	44	49	49	-	-
LAF,60dB	57 %	0 %	0 %	1 %	- %	- %
LAF,65dB	53 %	0 %	0 %	0 %	- %	- %
LAF,70dB	52 %	0 %	0 %	0 %	- %	- %
LAeq	72	45	50	46	-	-

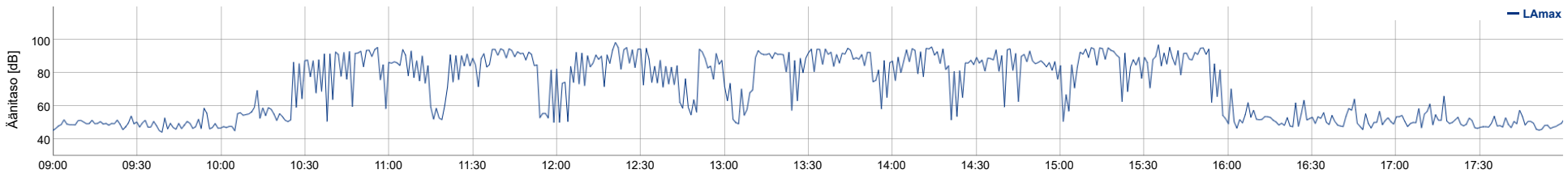
Pysyvyystasot



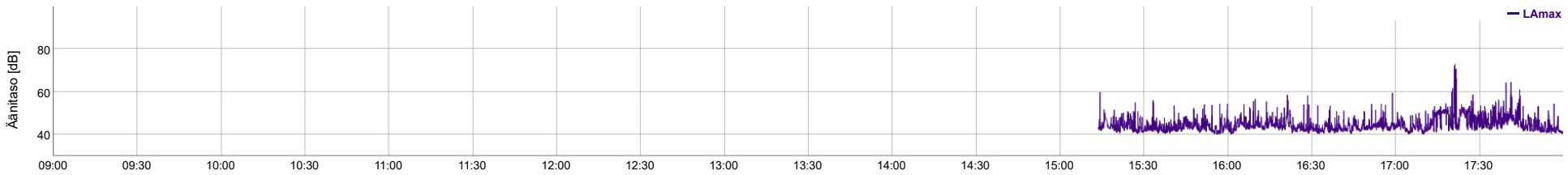
Spektrit



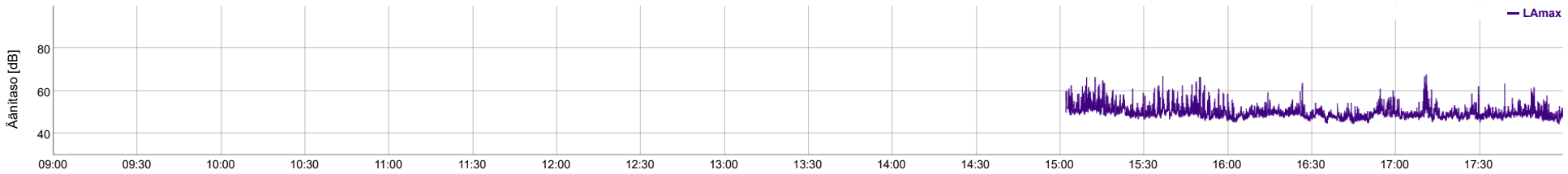
PS



MP1



MP2

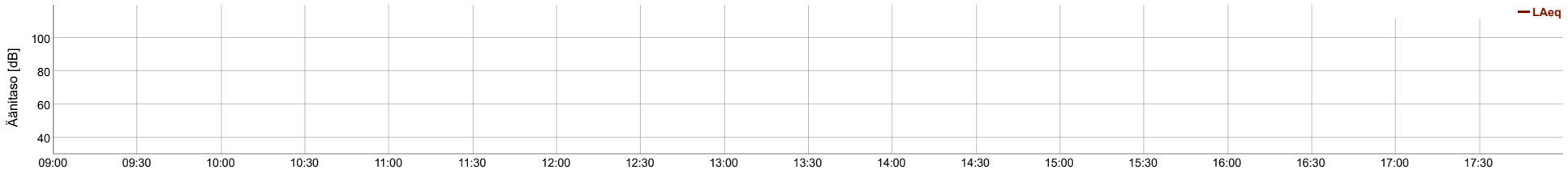


MP3

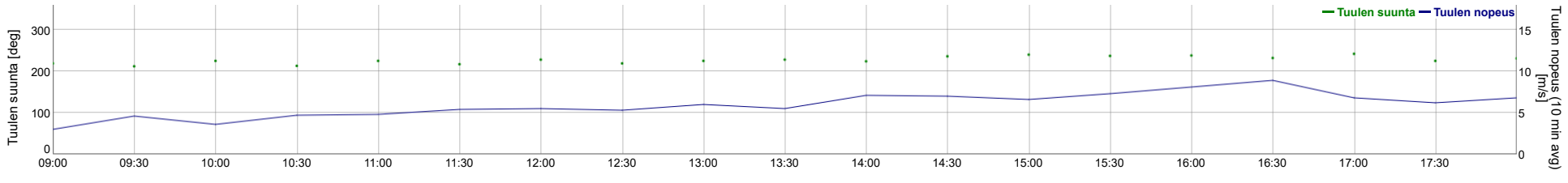
MP4



MP5



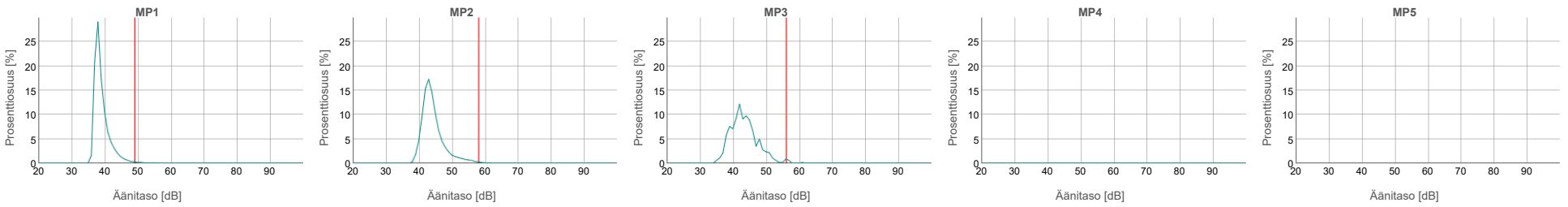
Säähavainnot



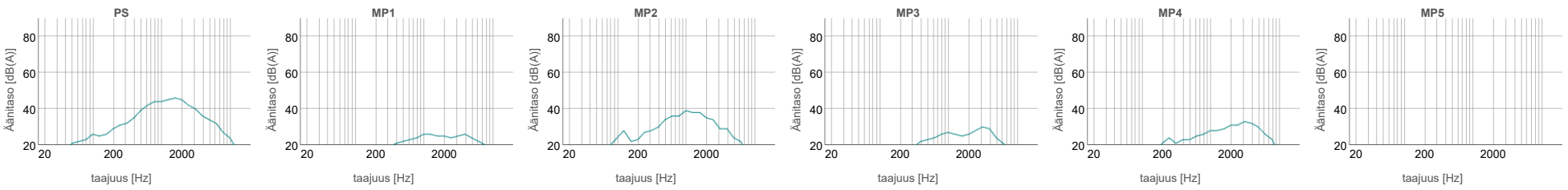
24.06.

0624	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	77	49	58	56	-	-
LAF,5%	73	44	52	51	-	-
LAF,50%	57	38	44	43	-	-
LAF,60dB	39 %	0 %	0 %	0 %	- %	- %
LAF,65dB	25 %	0 %	0 %	0 %	- %	- %
LAF,70dB	9 %	0 %	0 %	0 %	- %	- %
LAeq	53	39	46	38	-	-

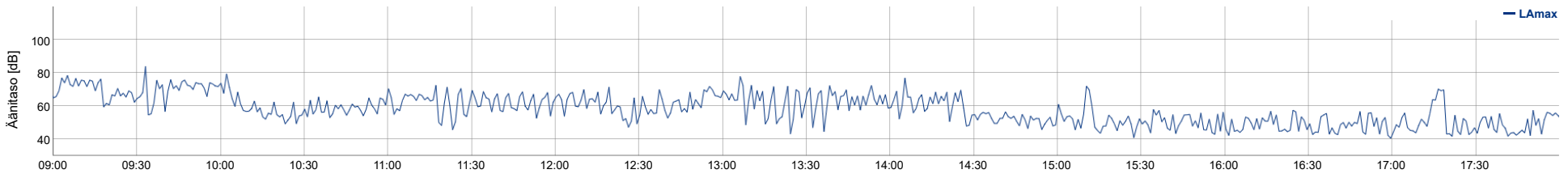
Pysyvyystasot



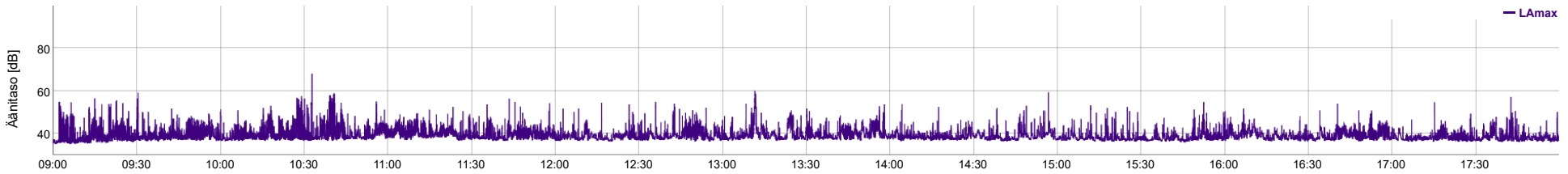
Spektrit



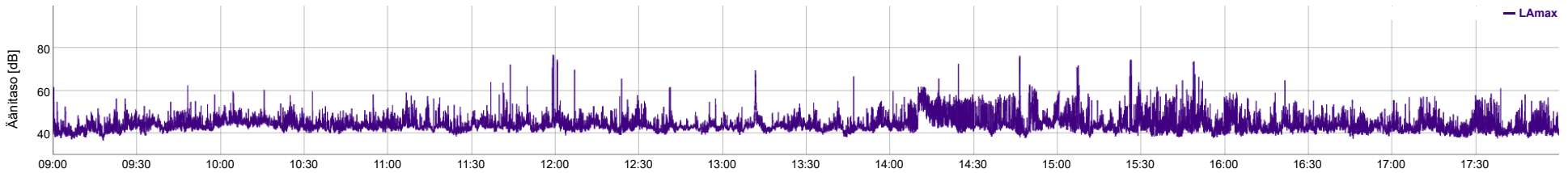
PS



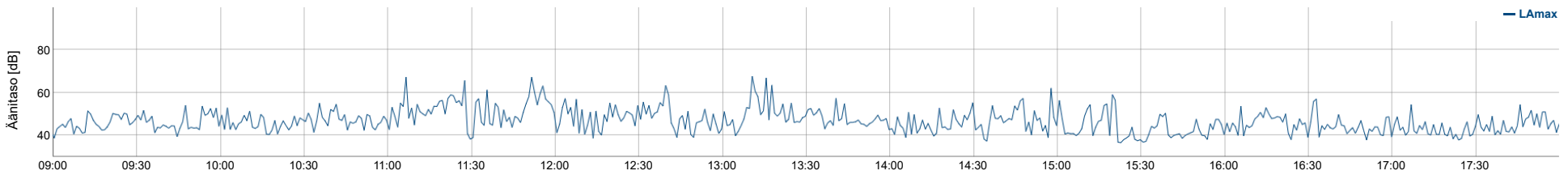
MP1



MP2



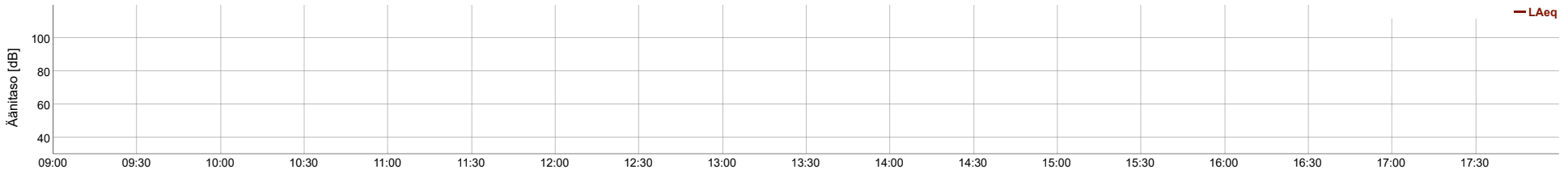
MP3



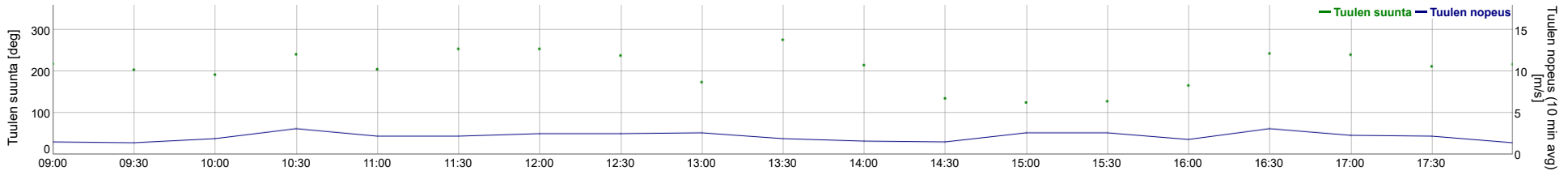
MP4



MP5



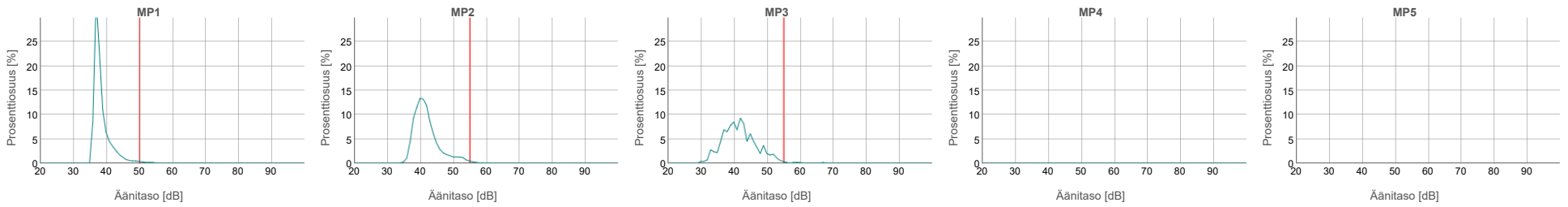
Säähavainnot



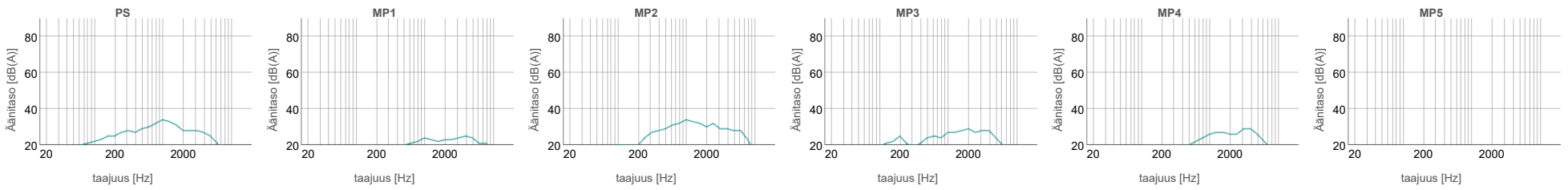
25.06.

0625	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	64	50	55	55	-	-
LAF,5%	58	45	51	51	-	-
LAF,50%	46	38	41	41	-	-
LAF,60dB	3 %	0 %	0 %	0 %	- %	- %
LAF,65dB	0 %	0 %	0 %	0 %	- %	- %
LAF,70dB	0 %	0 %	0 %	0 %	- %	- %
LAeq	41	38	43	38	-	-

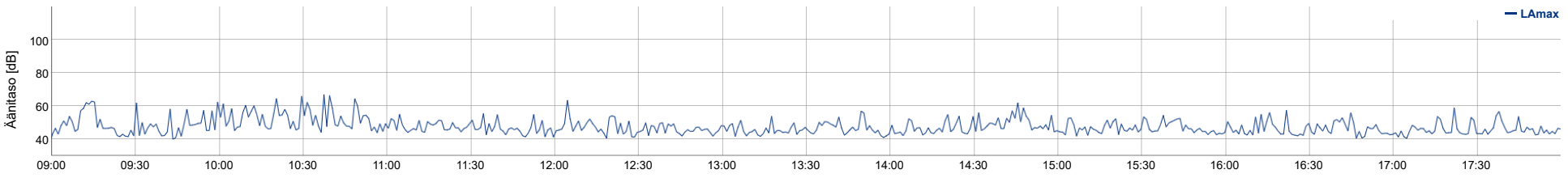
Pysyvyystasot



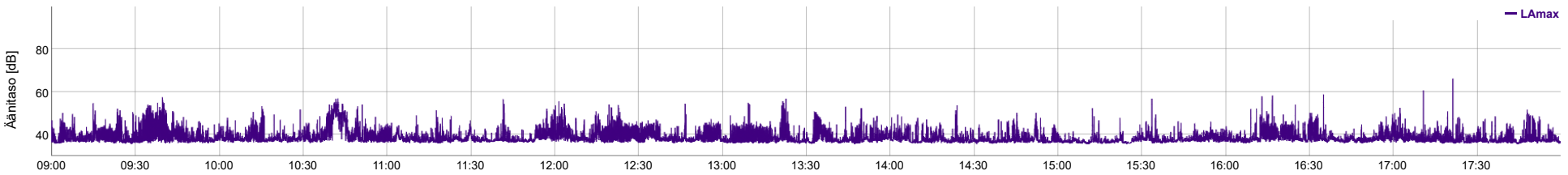
Spektrit



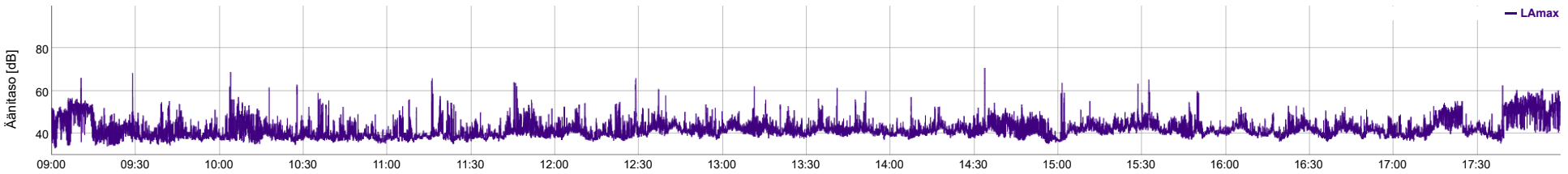
PS



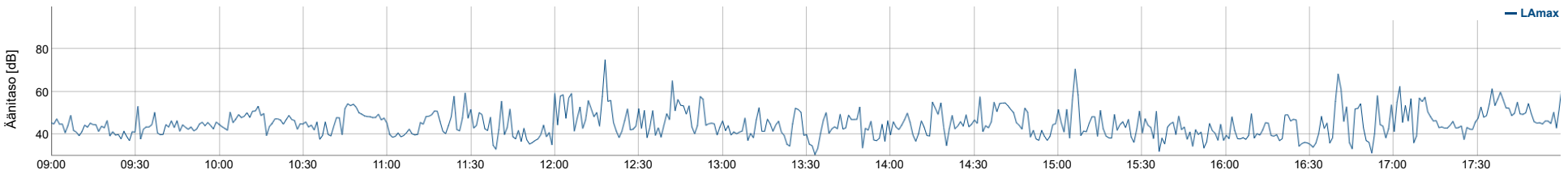
MP1



MP2



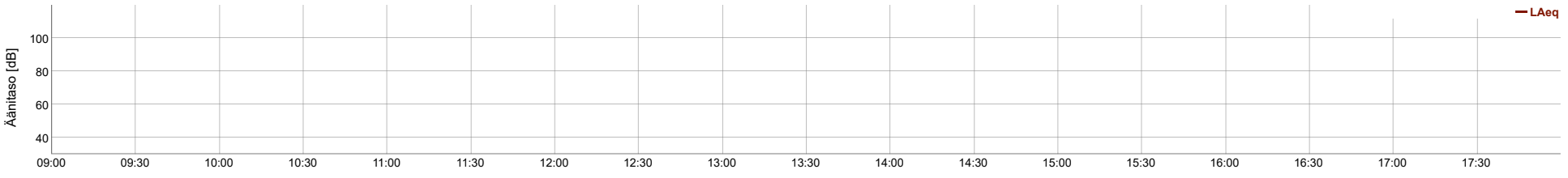
MP3



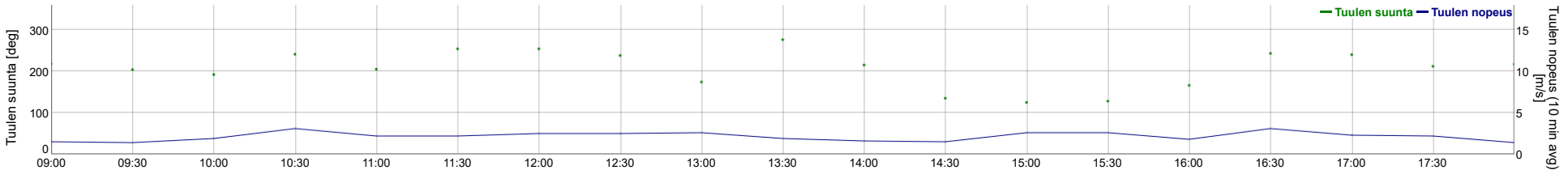
MP4



MP5



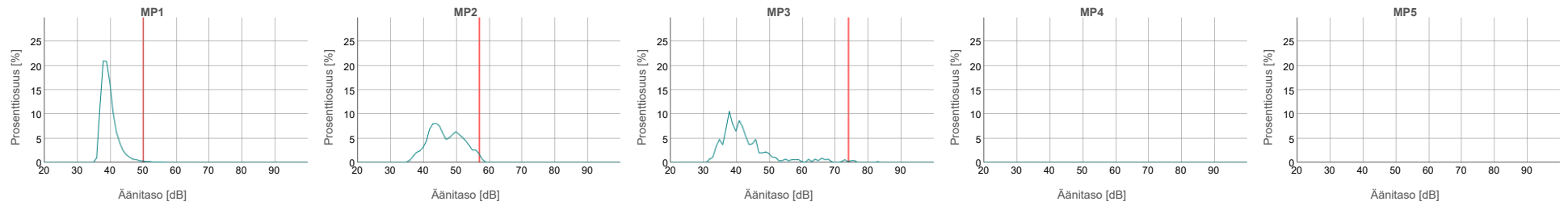
Säähavainnot



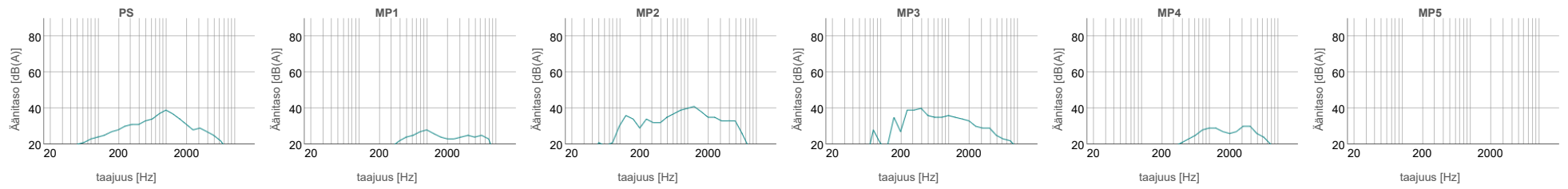
26.06.

0626	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	66	50	57	74	-	-
LAF,5%	59	45	56	64	-	-
LAF,50%	49	39	46	41	-	-
LAF,60dB	3 %	0 %	0 %	6 %	- %	- %
LAF,65dB	1 %	0 %	0 %	4 %	- %	- %
LAF,70dB	0 %	0 %	0 %	1 %	- %	- %
LAeq	45	40	48	50	-	-

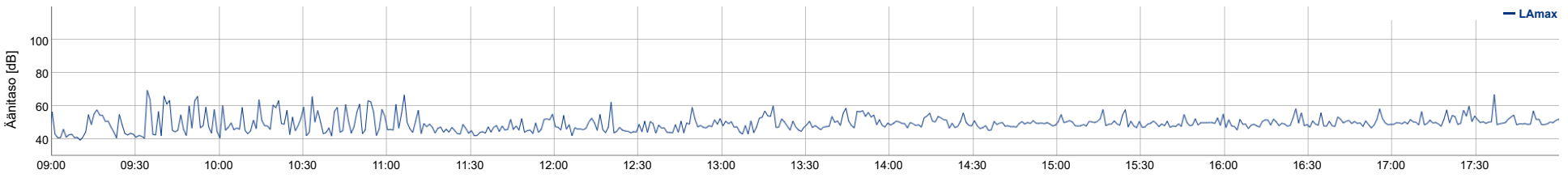
Pysyvyystasot



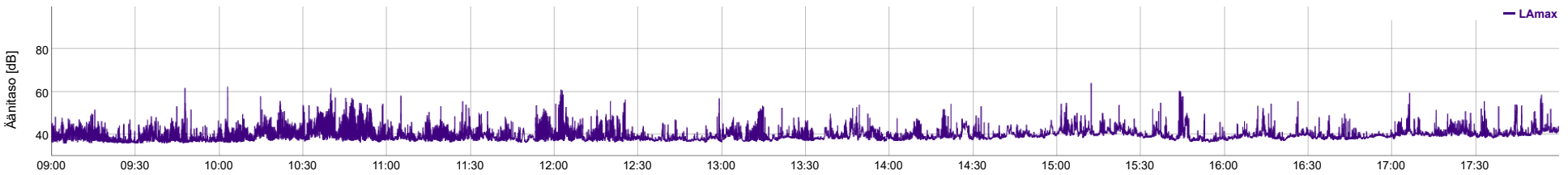
Spektrit



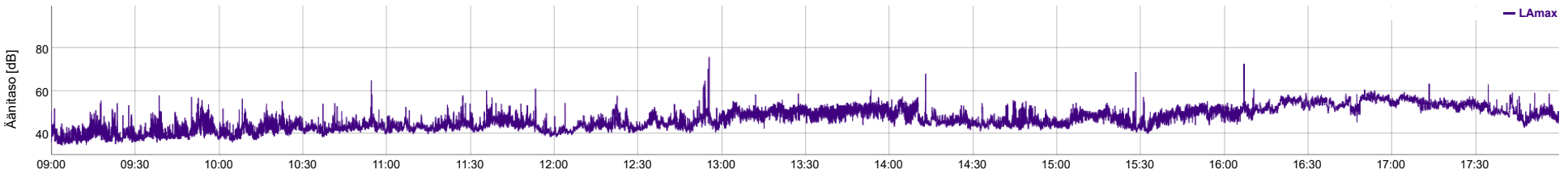
PS



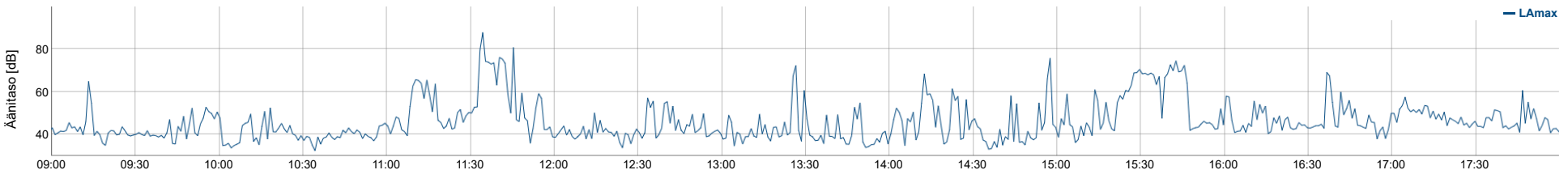
MP1



MP2



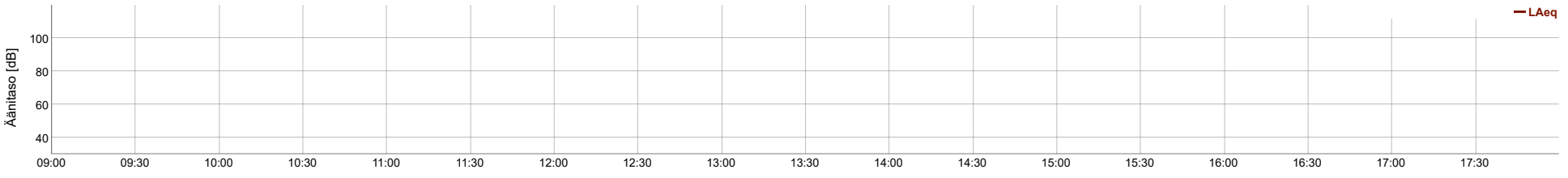
MP3



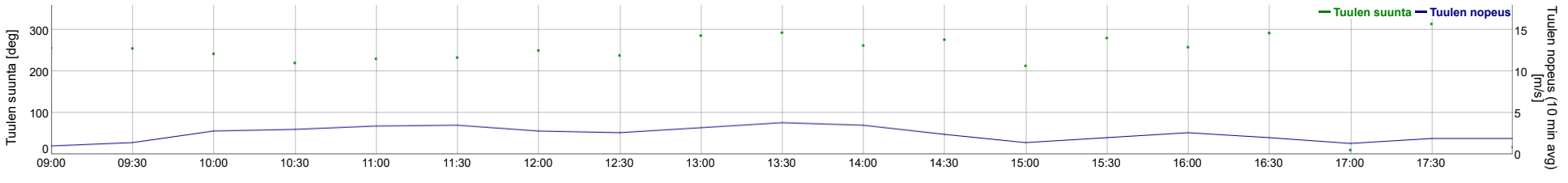
MP4



MP5



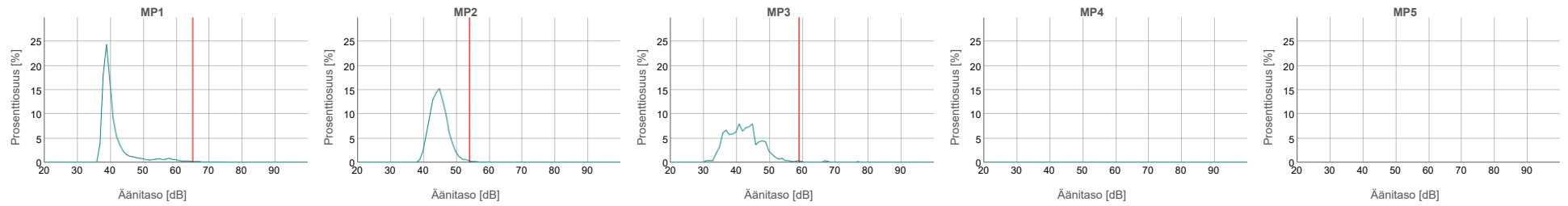
Säähavainnot



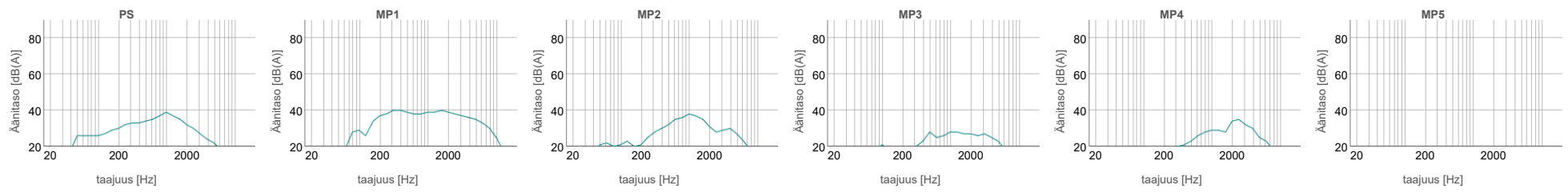
27.06.

0627	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	60	65	54	59	-	-
LAF,5%	56	57	50	52	-	-
LAF,50%	49	40	45	42	-	-
LAF,60dB	1 %	2 %	0 %	0 %	- %	- %
LAF,65dB	0 %	1 %	0 %	0 %	- %	- %
LAF,70dB	0 %	0 %	0 %	0 %	- %	- %
LAeq	45	52	45	40	-	-

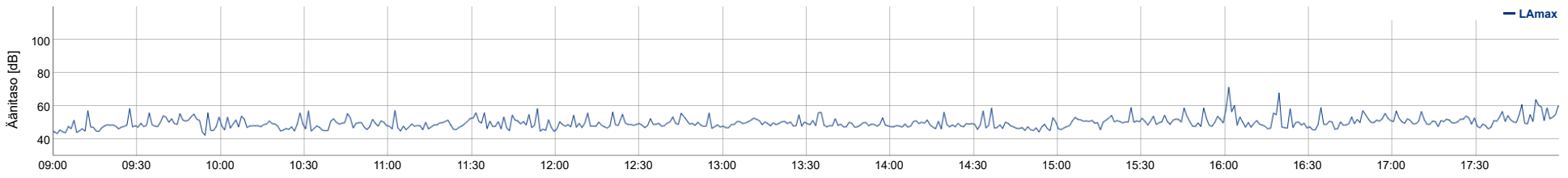
Pysyvyystasot



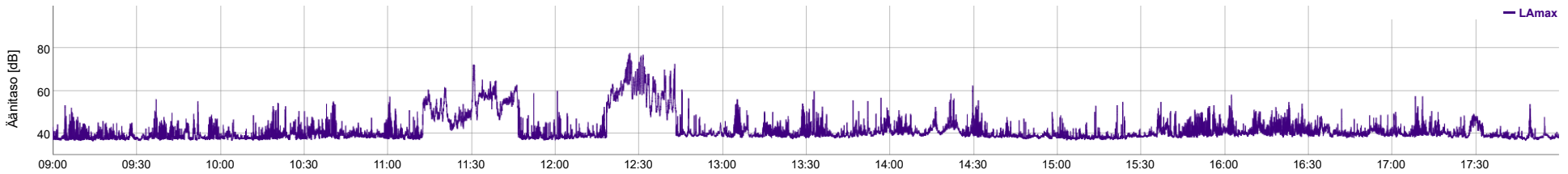
Spektrit



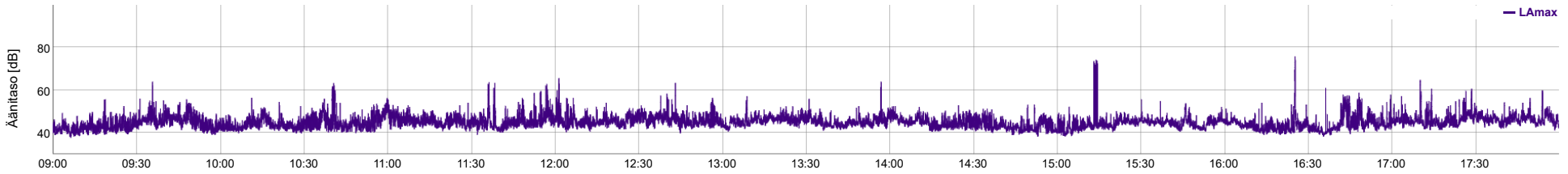
PS



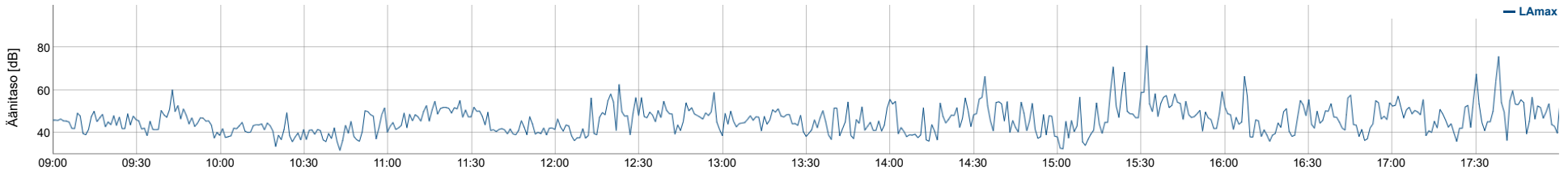
MP1



MP2



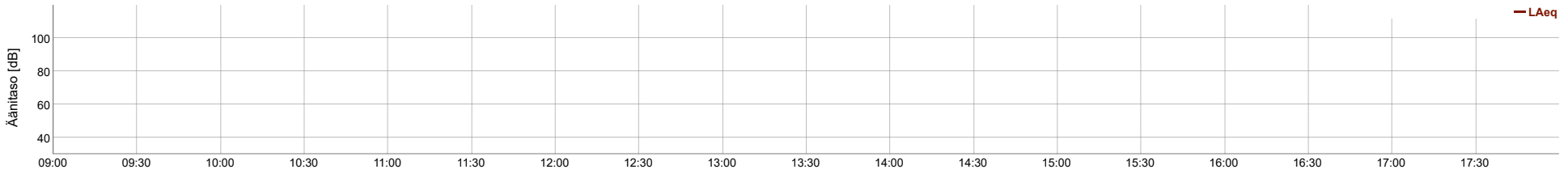
MP3



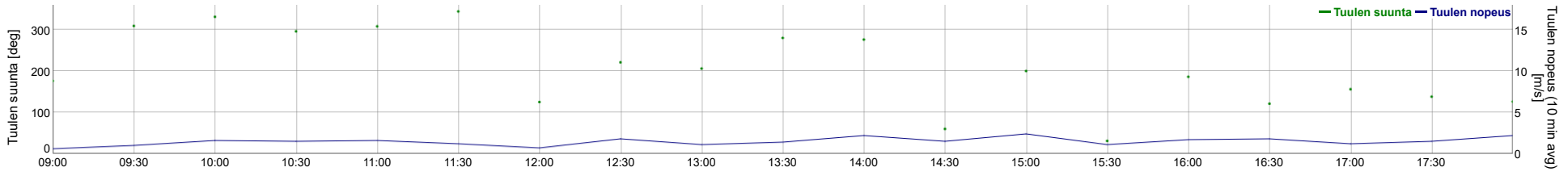
MP4



MP5



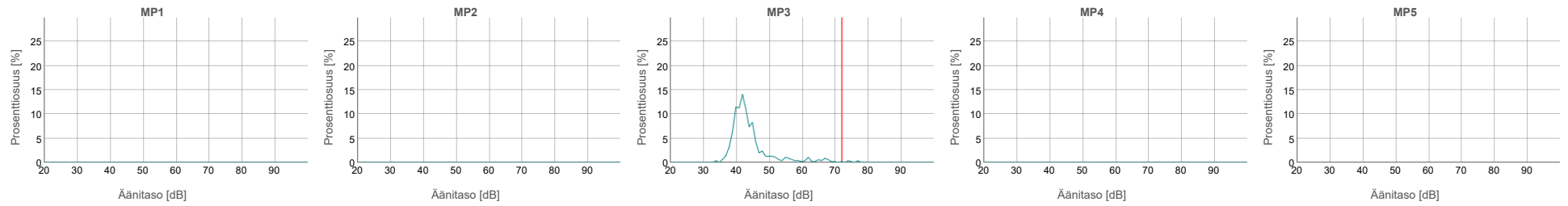
Säähavainnot



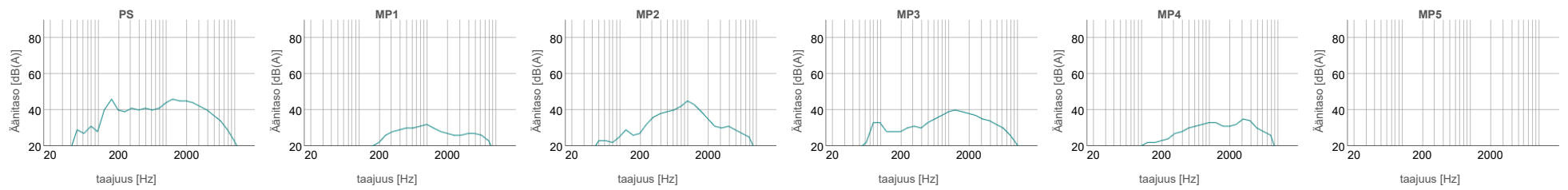
28.06.

0628	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	81	-	-	72	-	-
LAF,5%	72	-	-	62	-	-
LAF,50%	53	-	-	43	-	-
LAF,60dB	13 %	- %	- %	5 %	- %	- %
LAF,65dB	8 %	- %	- %	3 %	- %	- %
LAF,70dB	6 %	- %	- %	1 %	- %	- %
LAeq	55	-	-	50	-	-

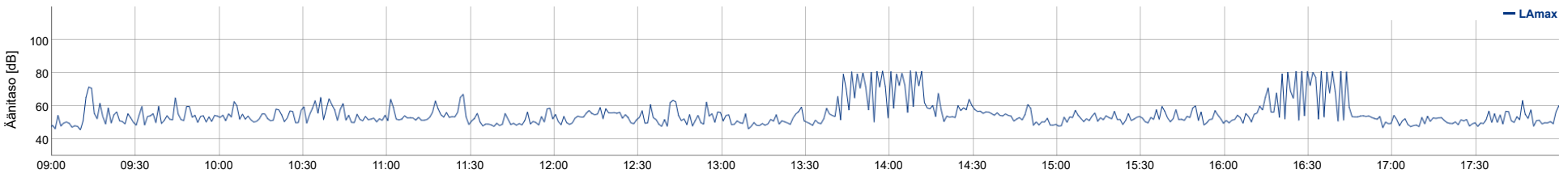
Pysyvyystasot



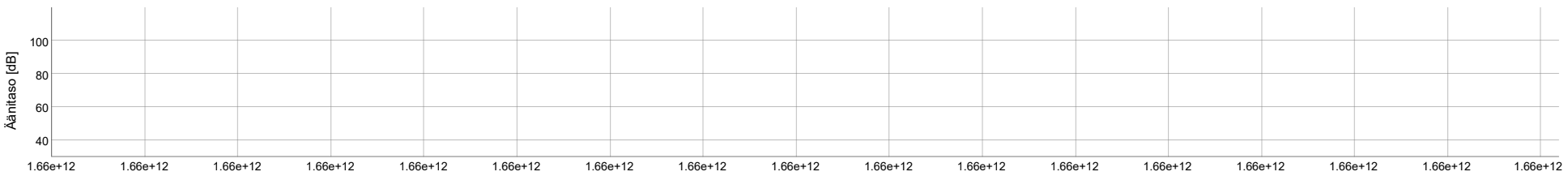
Spektrit



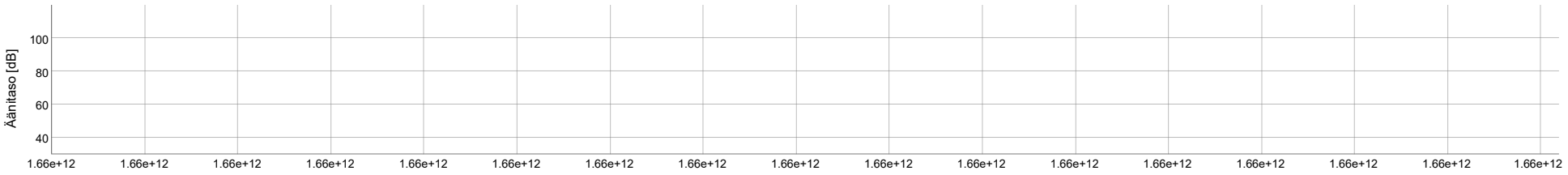
PS



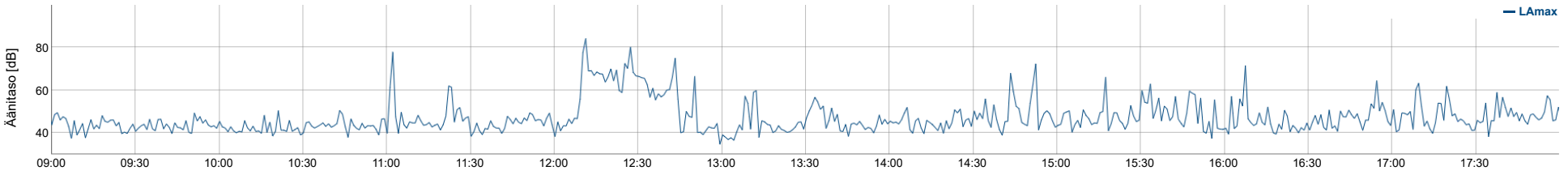
MP1



MP2



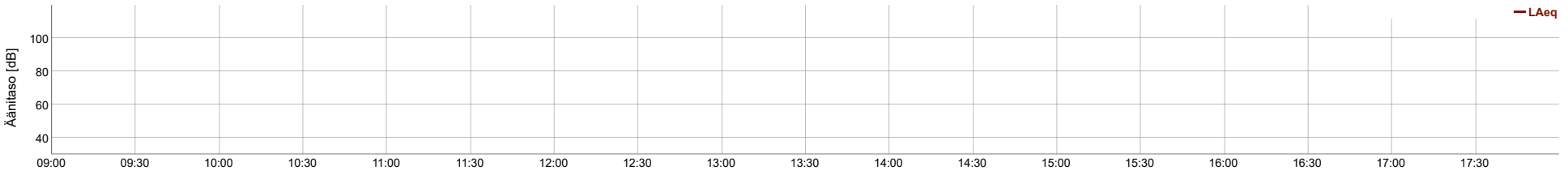
MP3



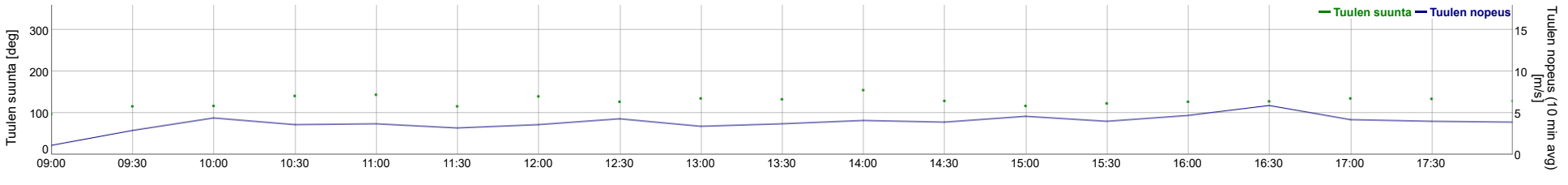
MP4



MP5



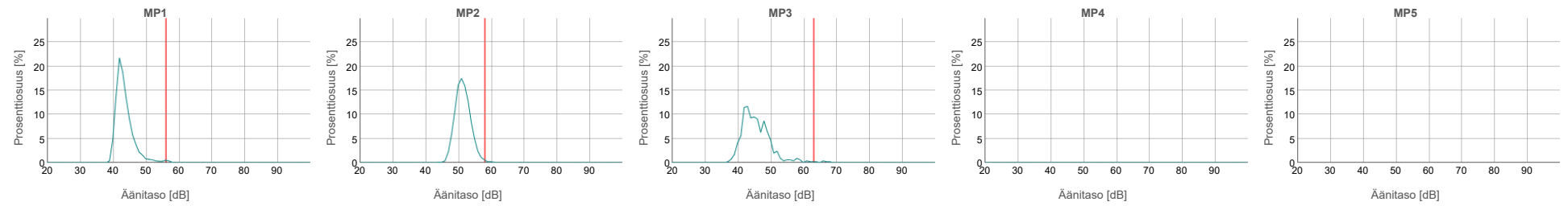
Säähavainnot



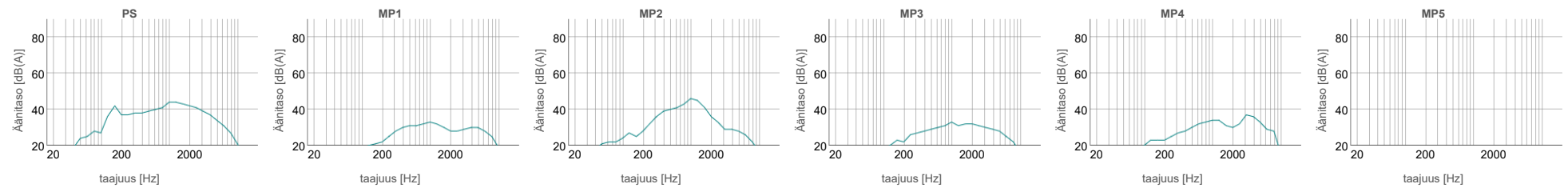
29.06.

0629	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	81	56	58	63	-	-
LAF,5%	71	49	55	53	-	-
LAF,50%	52	43	51	45	-	-
LAF,60dB	9 %	0 %	0 %	1 %	- %	- %
LAF,65dB	5 %	0 %	0 %	0 %	- %	- %
LAF,70dB	5 %	0 %	0 %	0 %	- %	- %
LAeq	53	44	51	43	-	-

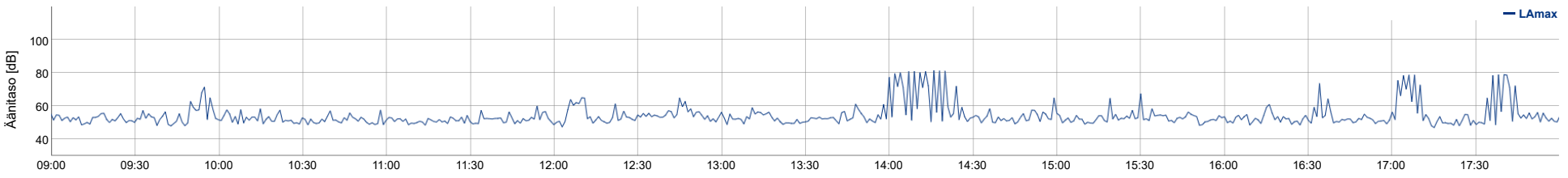
Pysyvyystasot



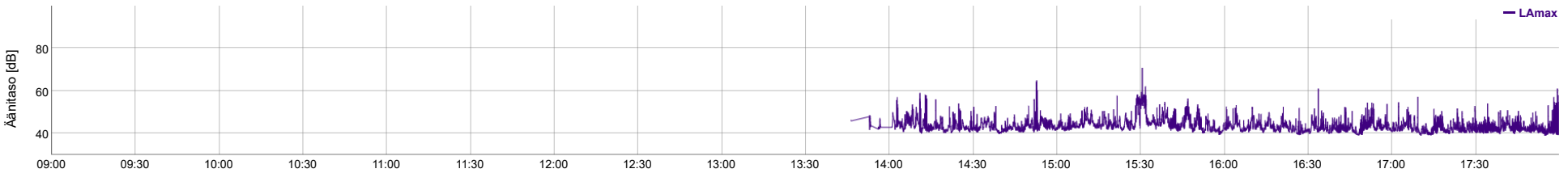
Spektrit



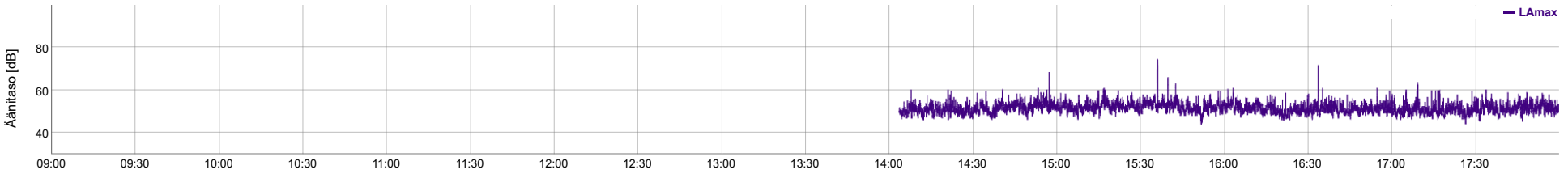
PS



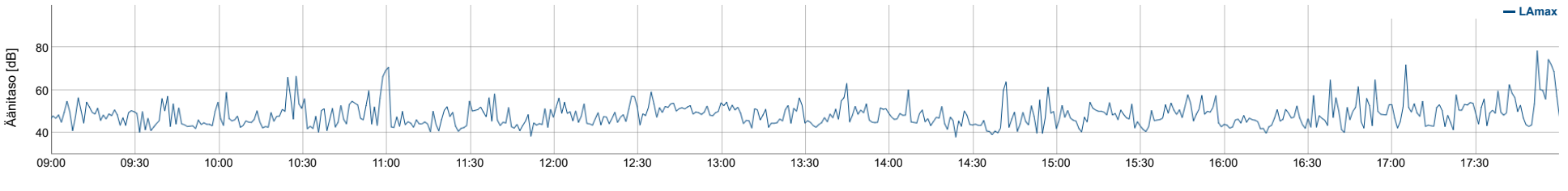
MP1



MP2



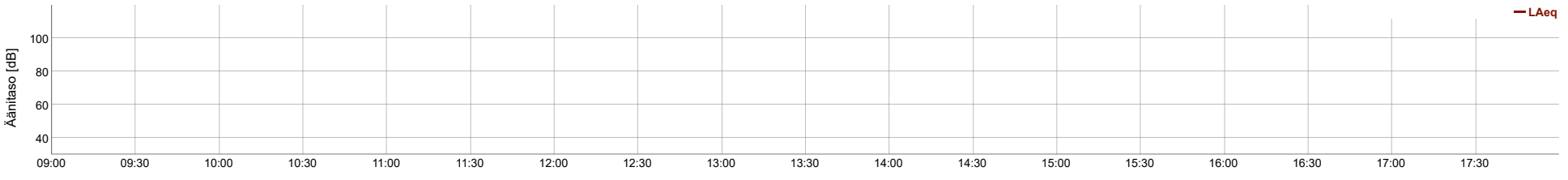
MP3



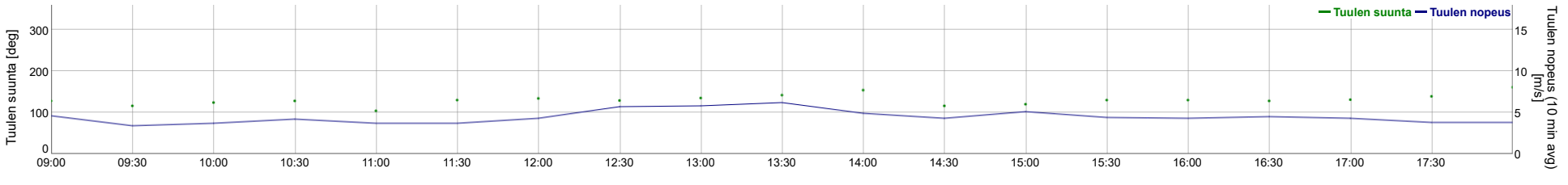
MP4



MP5



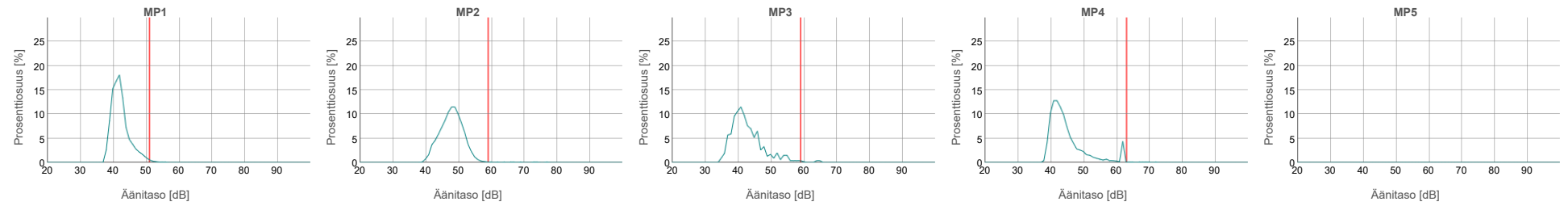
Säähavainnot



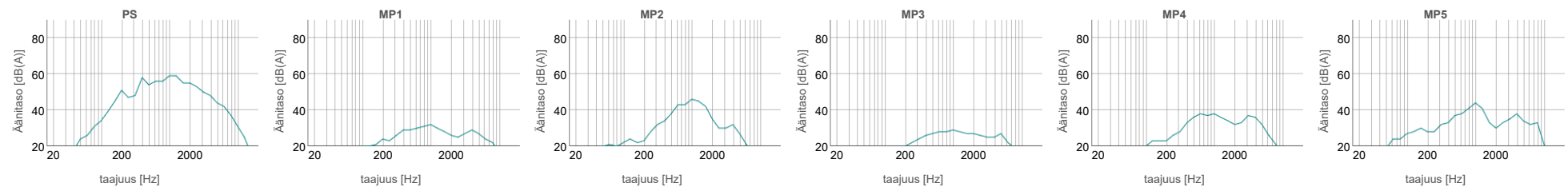
30.06.

0630	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	92	51	59	59	63	-
LAF,5%	91	48	54	54	62	-
LAF,50%	52	42	48	42	43	-
LAF,60dB	33 %	0 %	0 %	0 %	5 %	- %
LAF,65dB	29 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	24 %	0 %	0 %	0 %	0 %	- %
LAeq	66	42	51	39	48	50

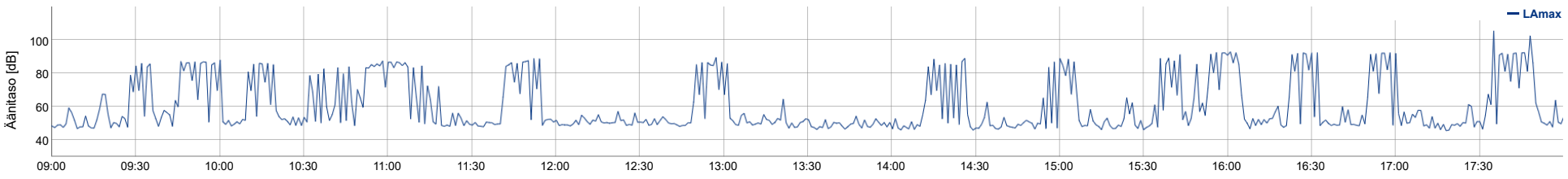
Pysyvyystasot



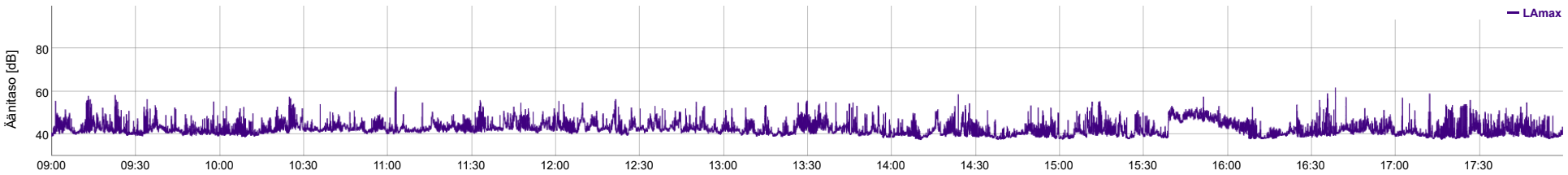
Spektrit



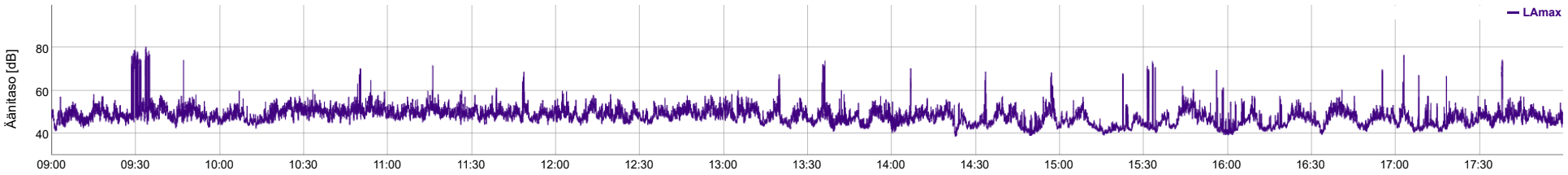
PS



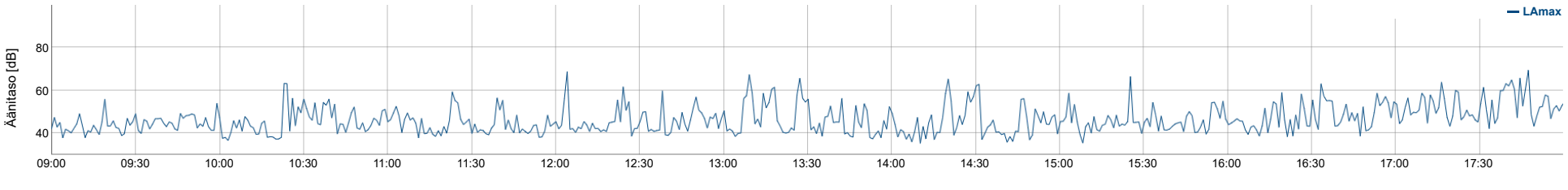
MP1



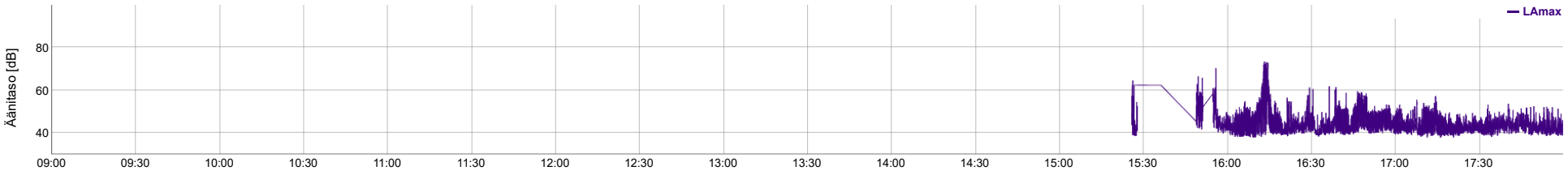
MP2



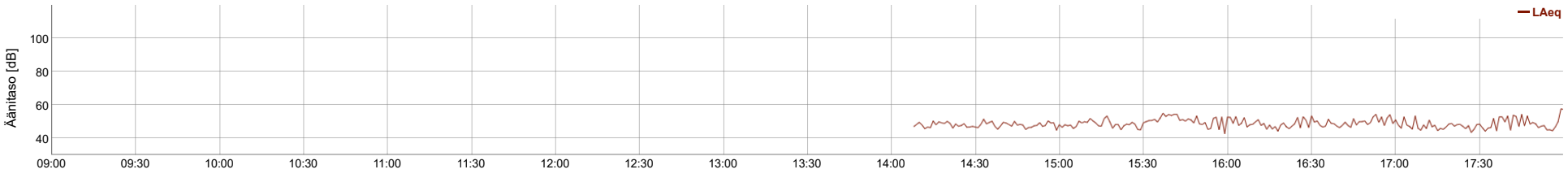
MP3



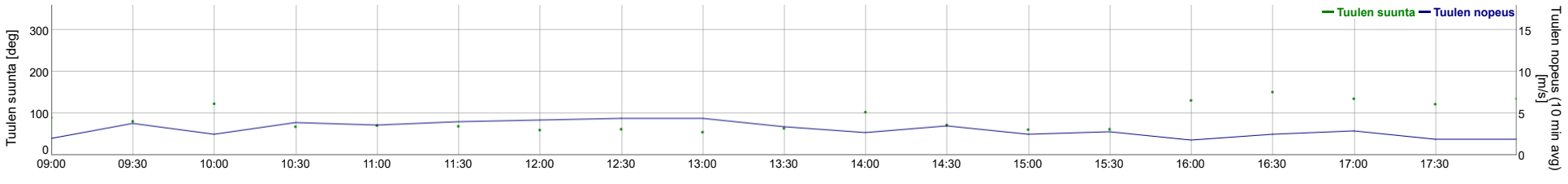
MP4



MP5



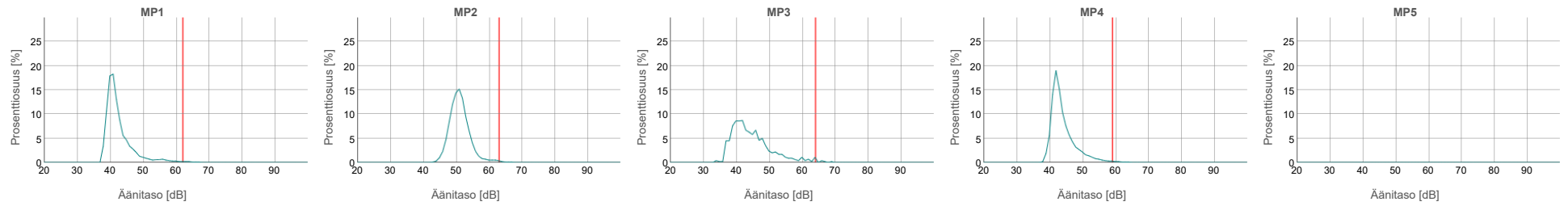
Säähavainnot



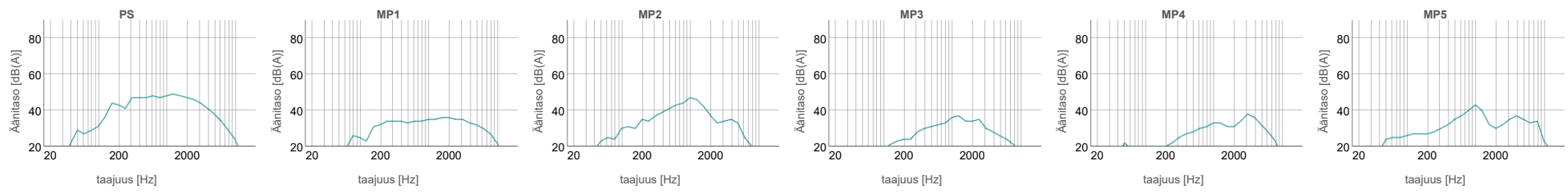
01.07.

0701	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	86	62	63	64	59	-
LAF,5%	84	53	57	58	52	-
LAF,50%	51	41	51	44	43	-
LAF,60dB	17 %	1 %	2 %	3 %	0 %	- %
LAF,65dB	15 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	14 %	0 %	0 %	0 %	0 %	- %
LAeq	58	48	52	43	45	49

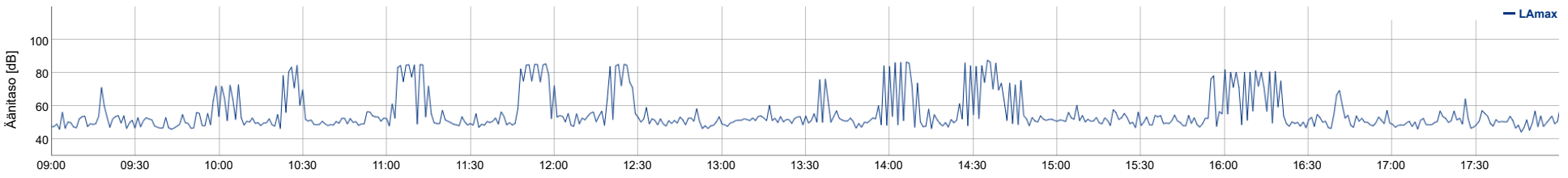
Pysyvyystasot



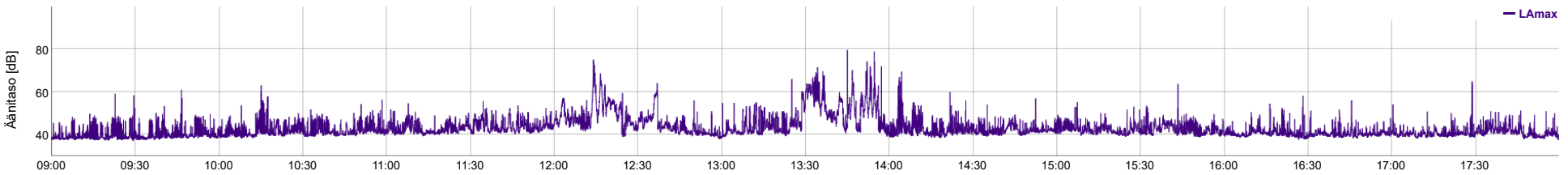
Spektrit



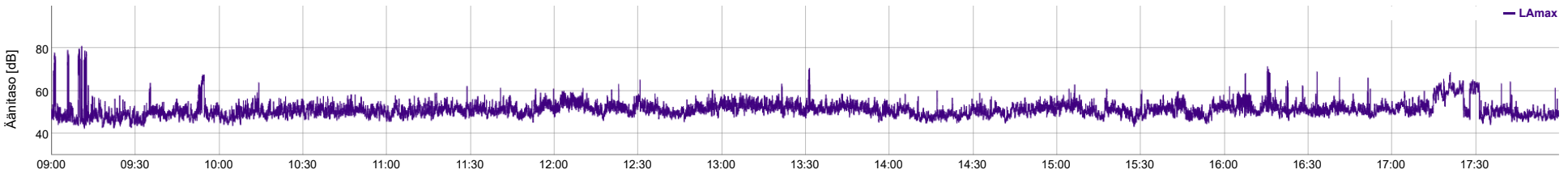
PS



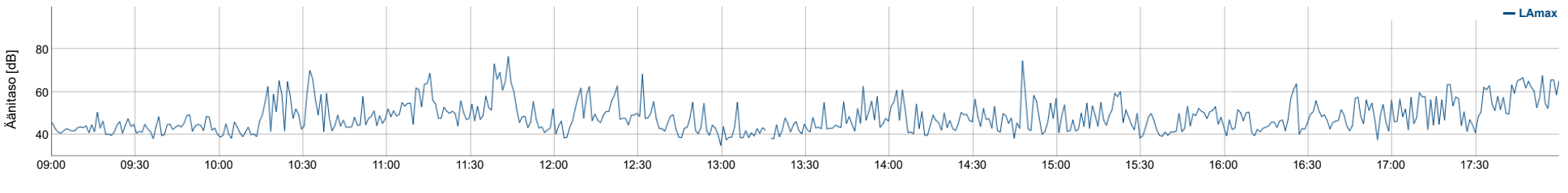
MP1



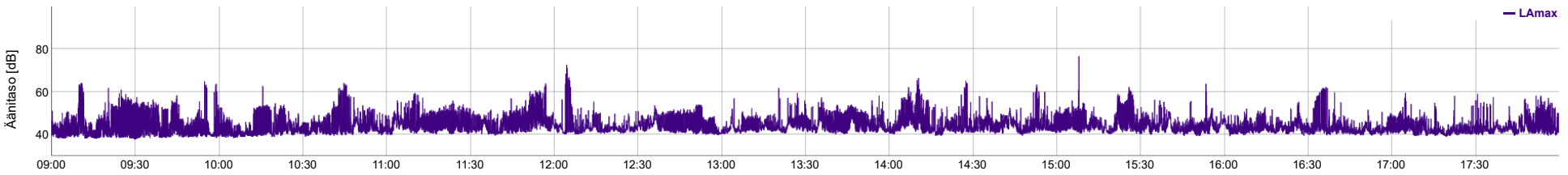
MP2



MP3



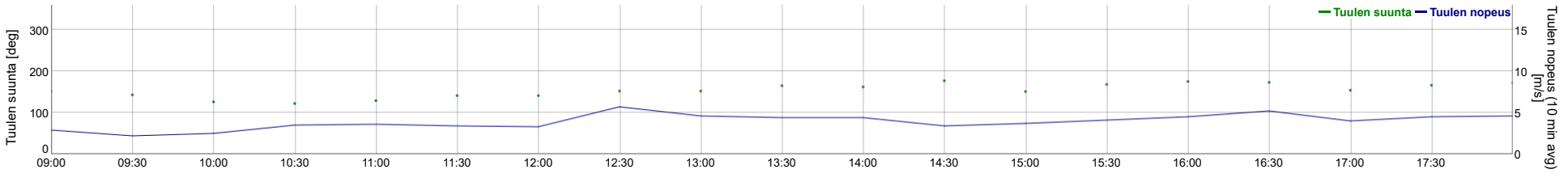
MP4



MP5



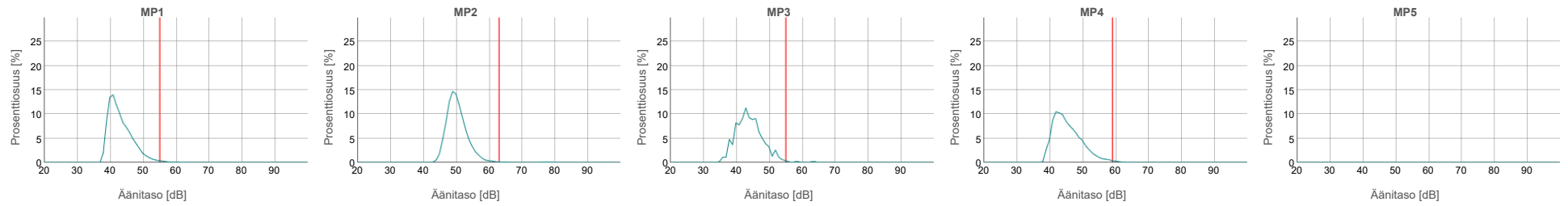
Säähavainnot



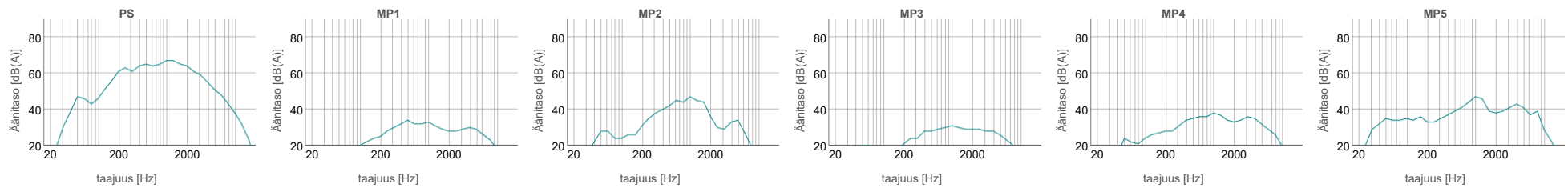
02.07.

0702	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	102	55	63	55	59	-
LAF,5%	97	50	56	52	54	-
LAF,50%	68	43	50	44	45	-
LAF,60dB	67 %	0 %	1 %	0 %	0 %	- %
LAF,65dB	57 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	46 %	0 %	0 %	0 %	0 %	- %
LAeq	75	44	52	41	47	54

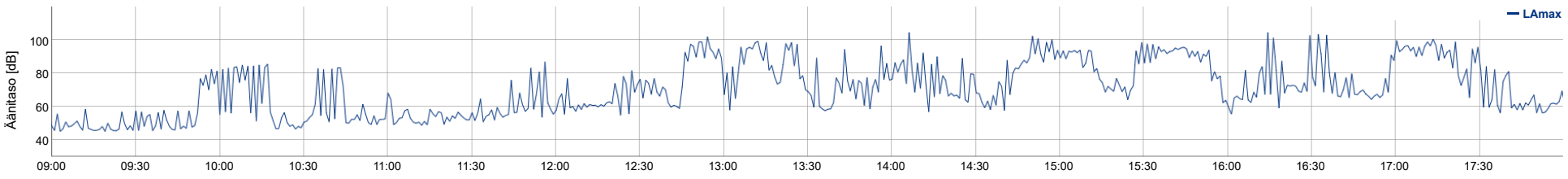
Pysyvyystasot



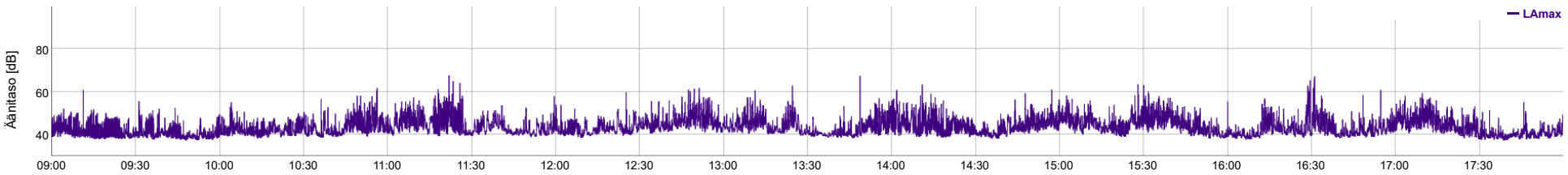
Spektrit



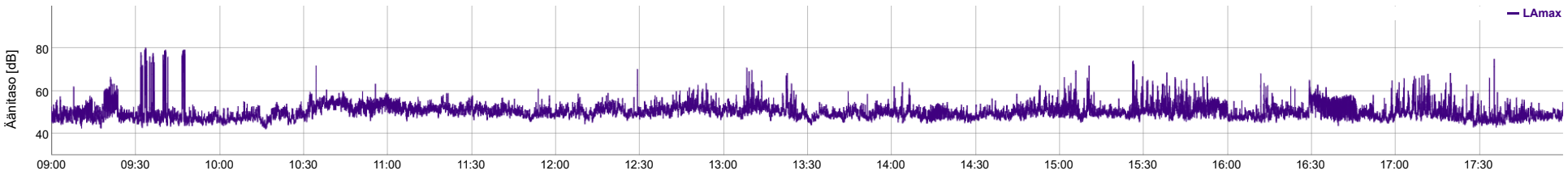
PS



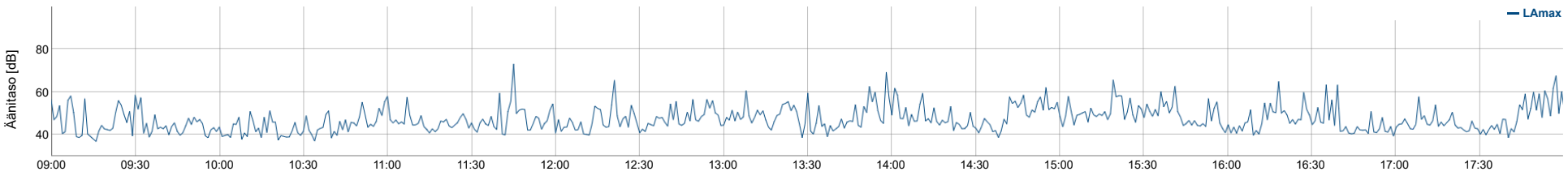
MP1



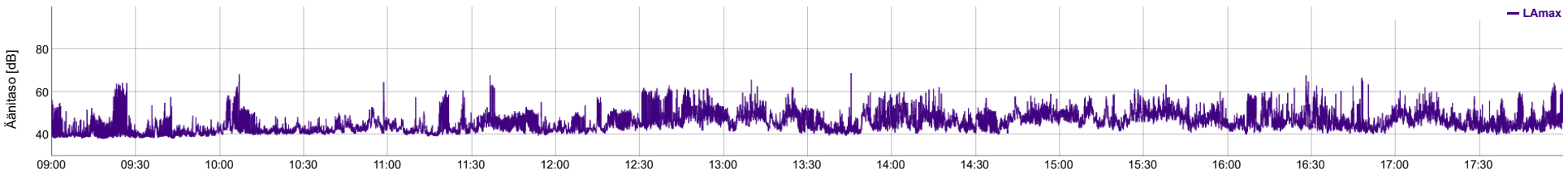
MP2



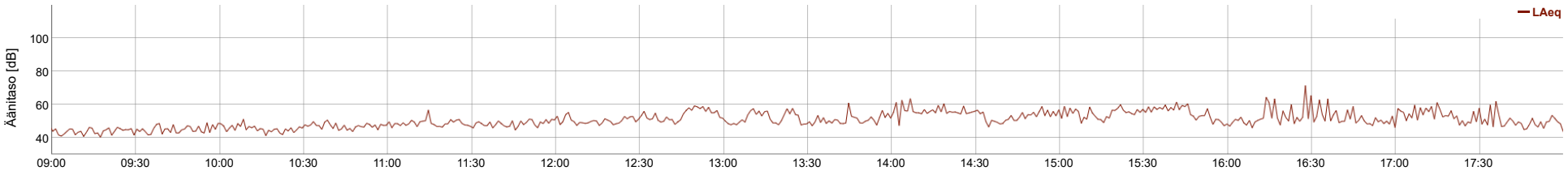
MP3



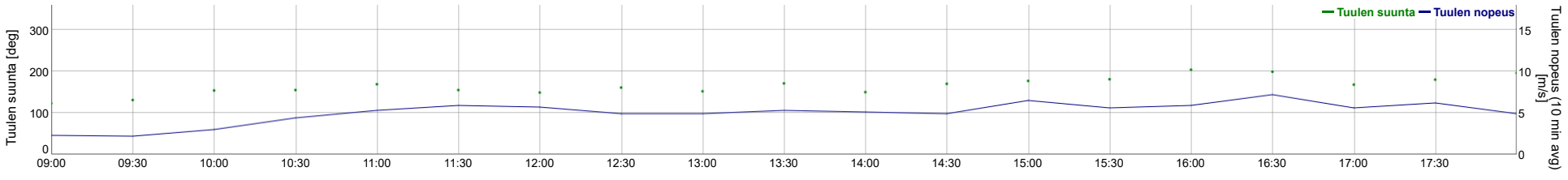
MP4



MP5



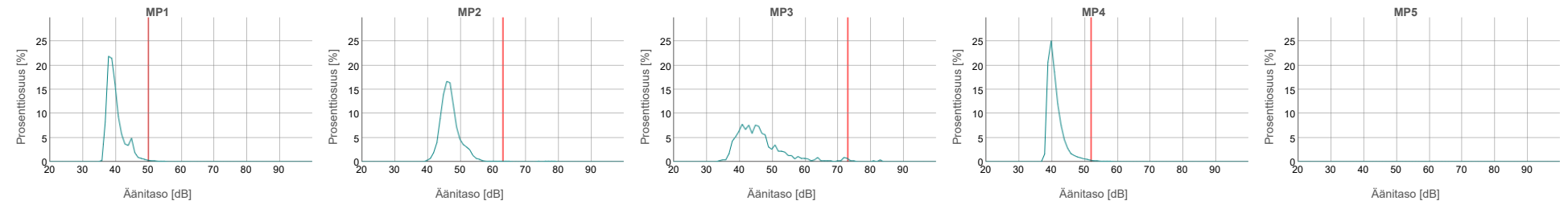
Säähavainnot



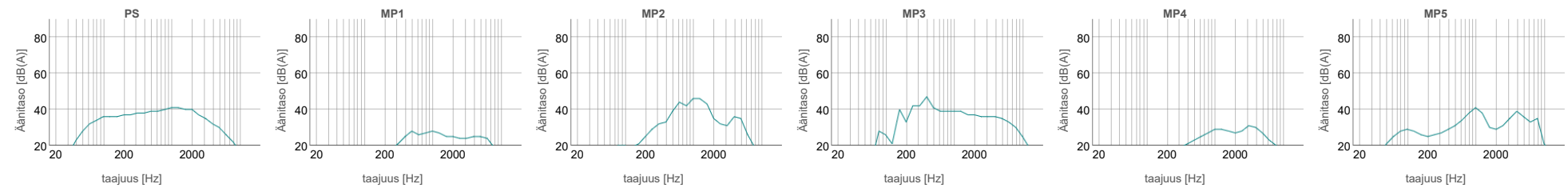
03.07.

0703	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	75	50	63	73	52	-
LAF,5%	67	45	53	62	47	-
LAF,50%	55	39	47	45	41	-
LAF,60dB	18 %	0 %	1 %	6 %	0 %	- %
LAF,65dB	6 %	0 %	0 %	3 %	0 %	- %
LAF,70dB	1 %	0 %	0 %	2 %	0 %	- %
LAeq	50	40	51	51	41	48

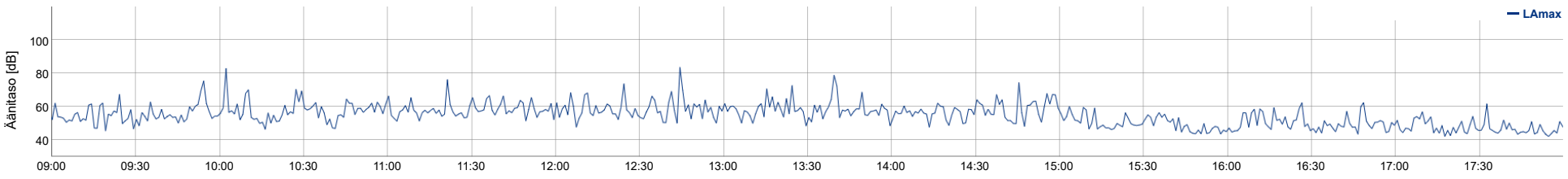
Pysyvyystasot



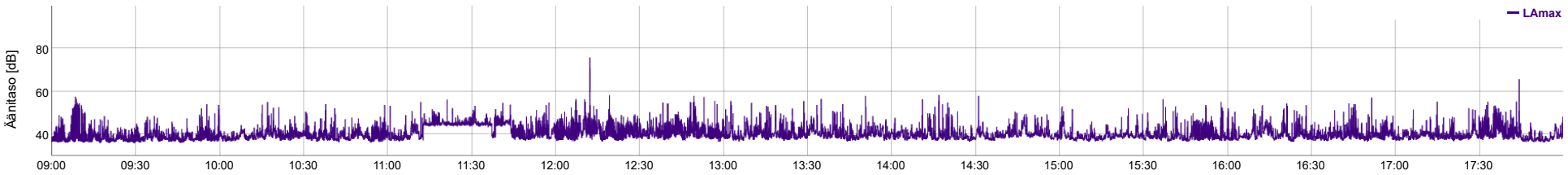
Spektrit



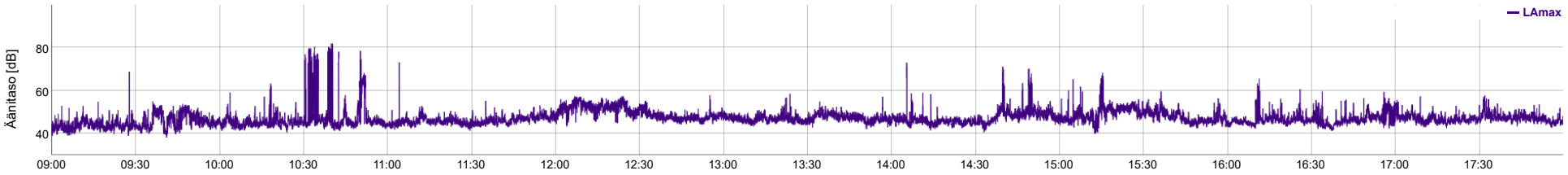
PS



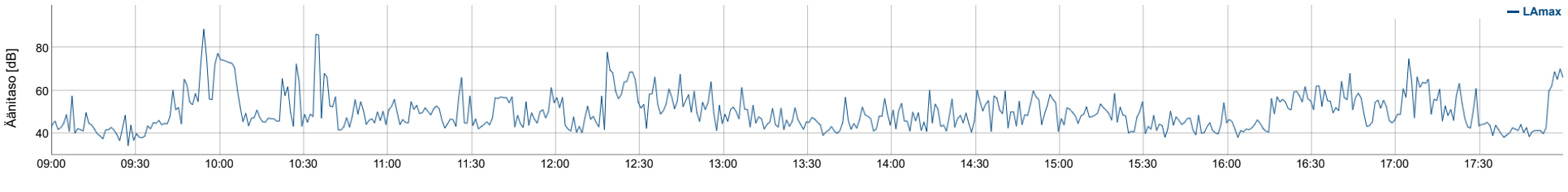
MP1



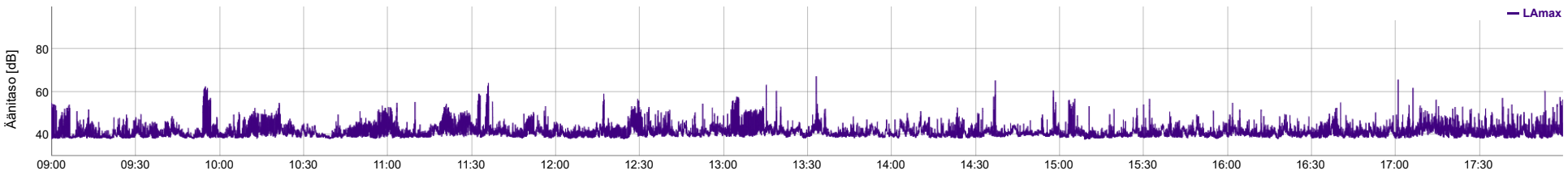
MP2



MP3



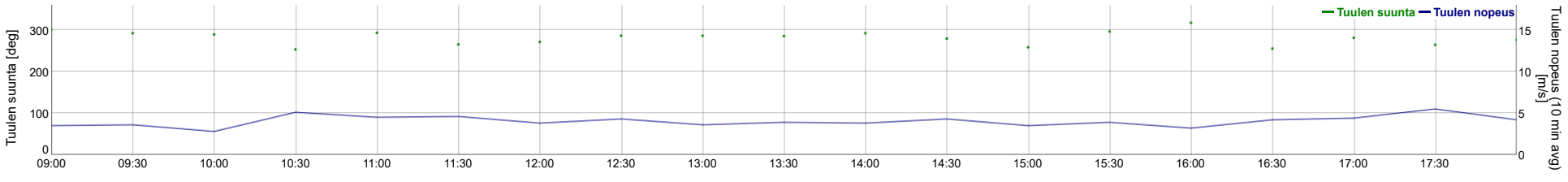
MP4



MP5



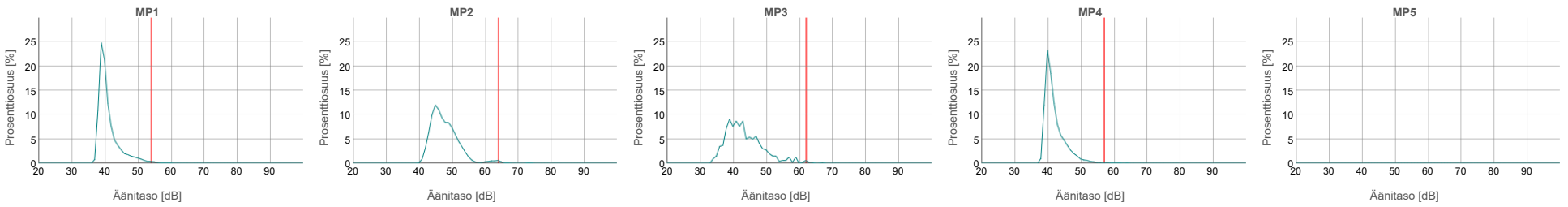
Säähavainnot



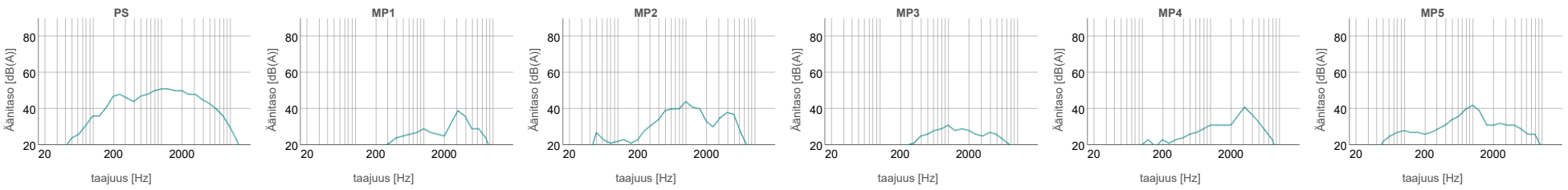
04.07.

0704	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	86	54	64	62	57	-
LAF,5%	85	49	55	55	49	-
LAF,50%	50	40	47	42	41	-
LAF,60dB	21 %	0 %	3 %	1 %	0 %	- %
LAF,65dB	18 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	16 %	0 %	0 %	0 %	0 %	- %
LAeq	60	44	50	39	45	48

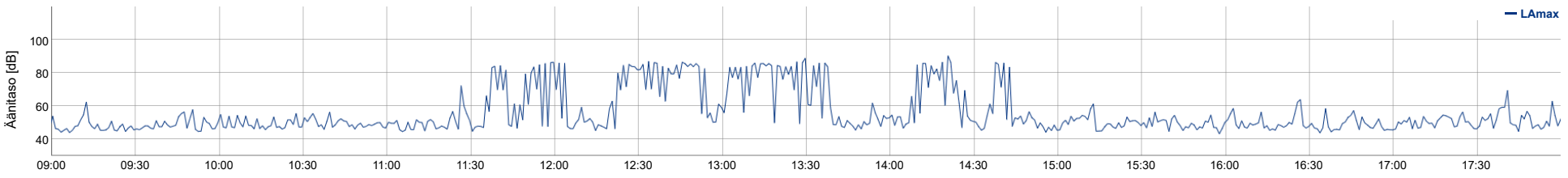
Pysyvyystasot



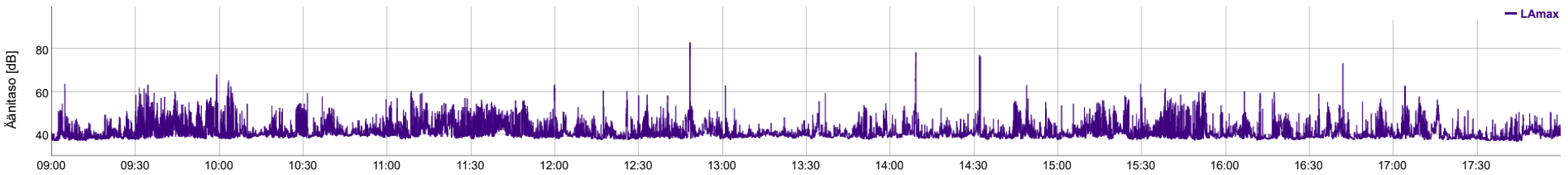
Spektrit



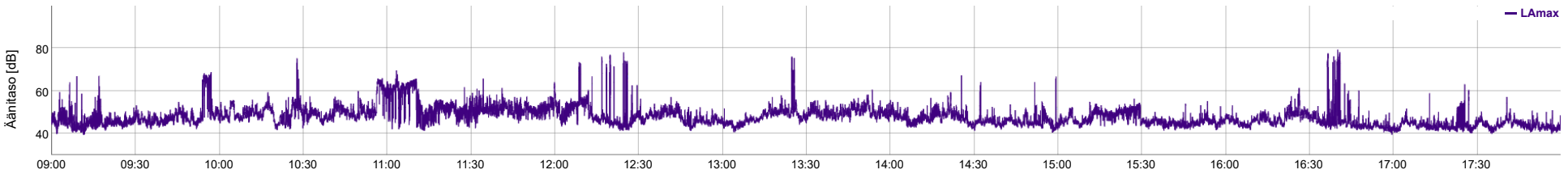
PS



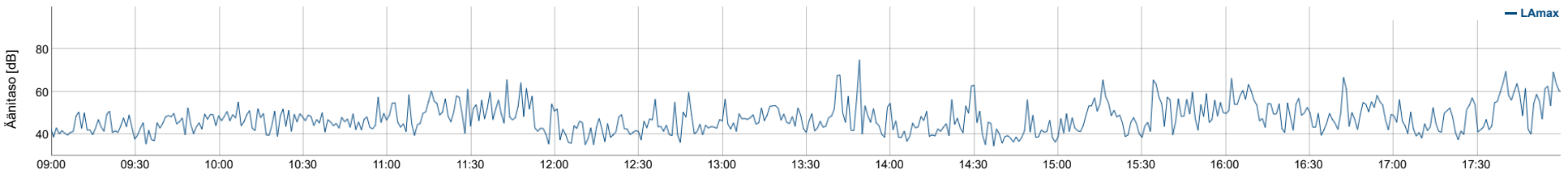
MP1



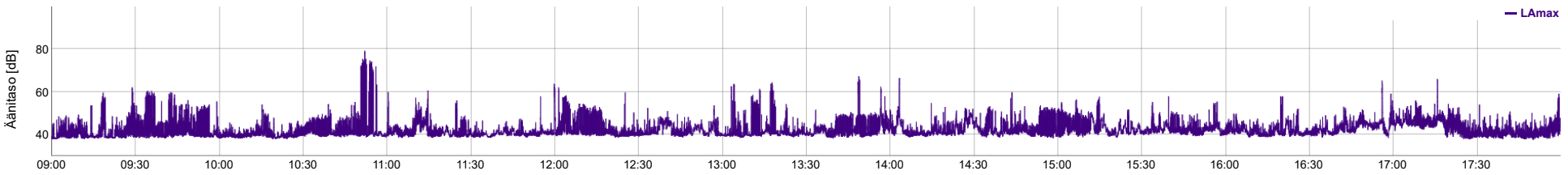
MP2



MP3



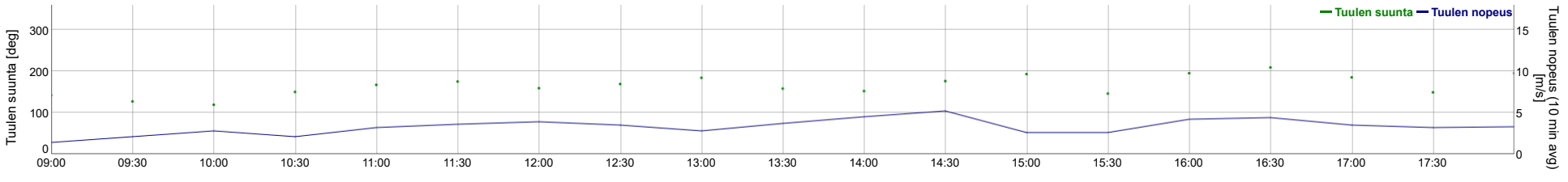
MP4



MP5



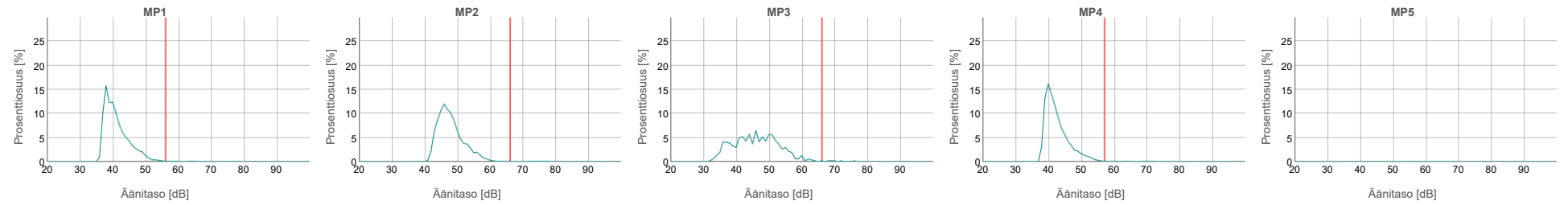
Säähavainnot



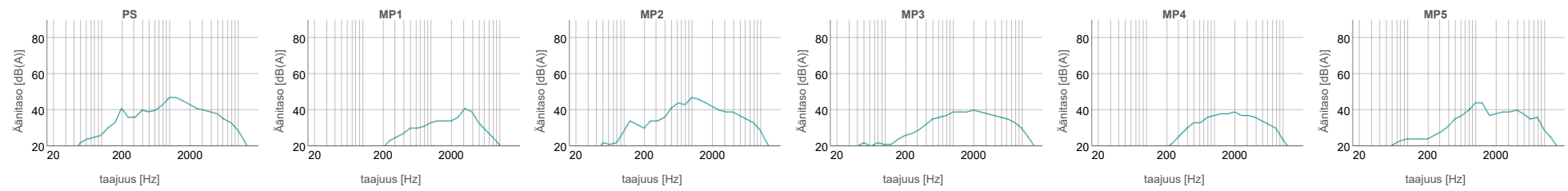
05.07.

0705	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	80	56	66	66	57	-
LAF,5%	78	49	56	57	51	-
LAF,50%	54	40	47	46	42	-
LAF,60dB	25 %	0 %	1 %	2 %	0 %	- %
LAF,65dB	15 %	0 %	1 %	1 %	0 %	- %
LAF,70dB	11 %	0 %	0 %	0 %	0 %	- %
LAeq	54	49	54	49	48	51

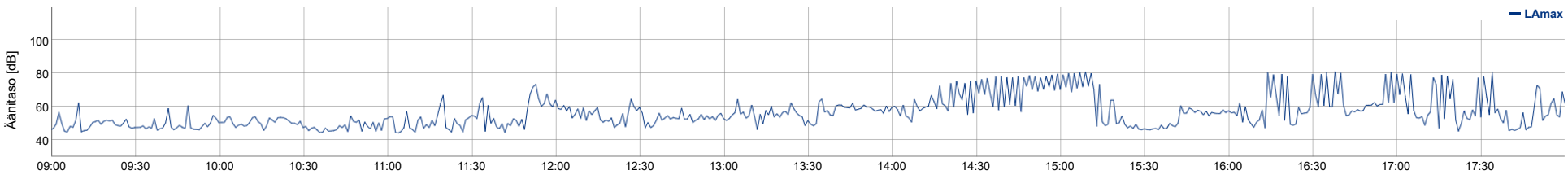
Pysyvyystasot



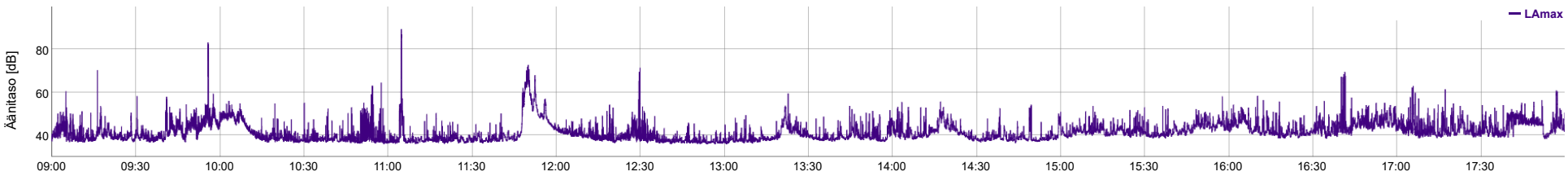
Spektrit



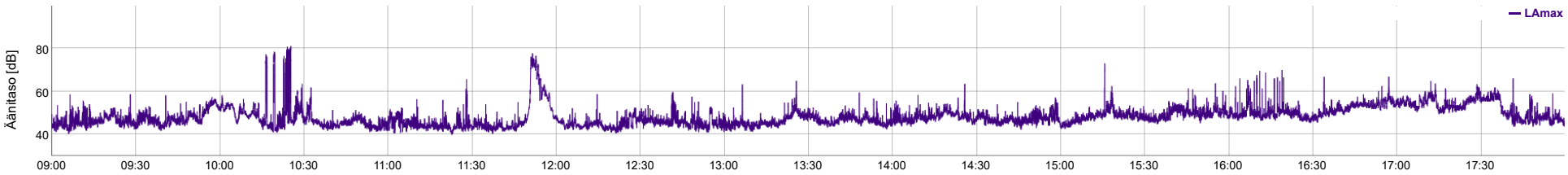
PS



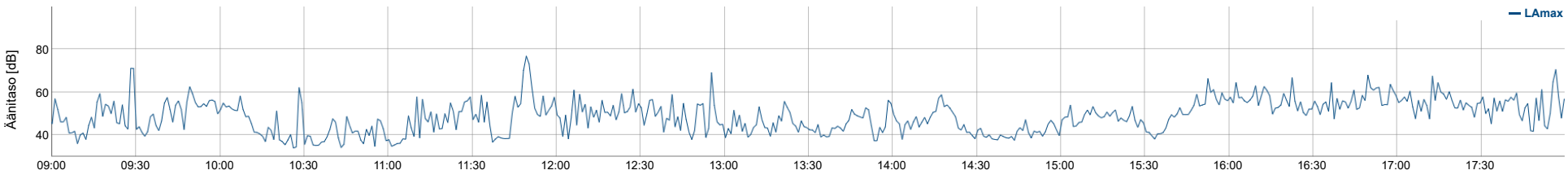
MP1



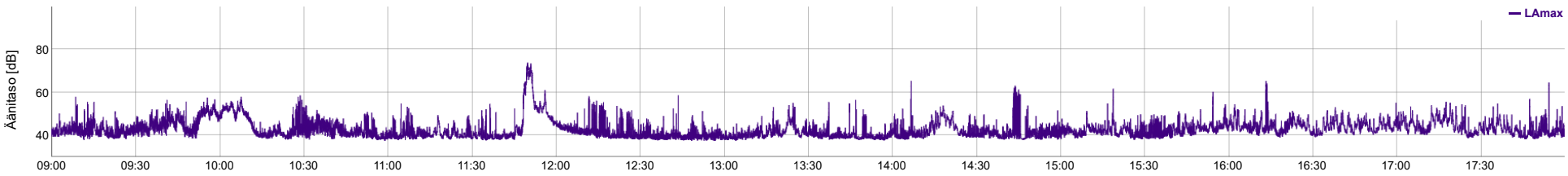
MP2



MP3



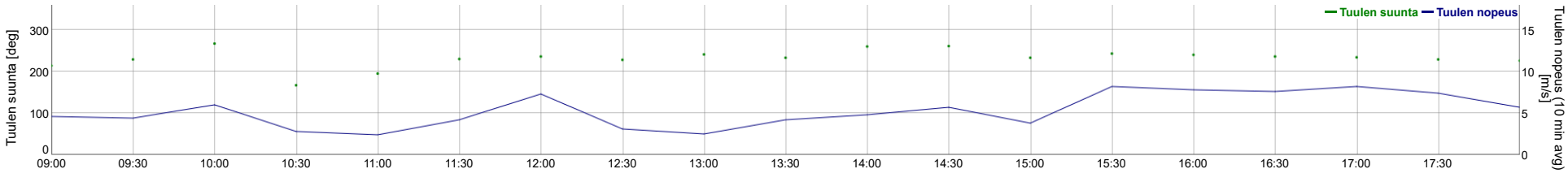
MP4



MP5



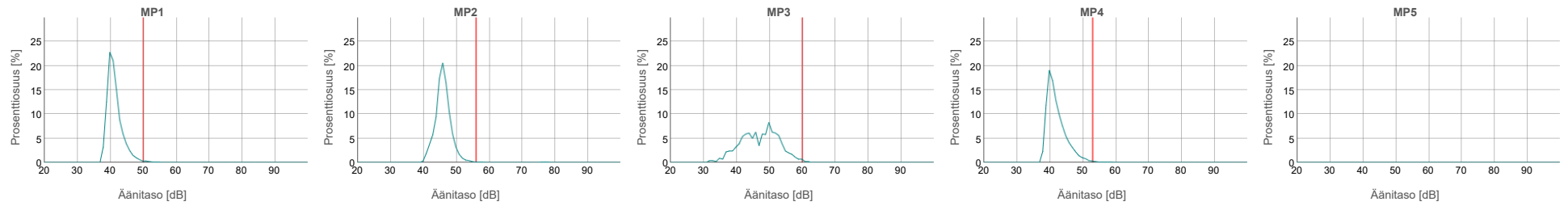
Säähavainnot



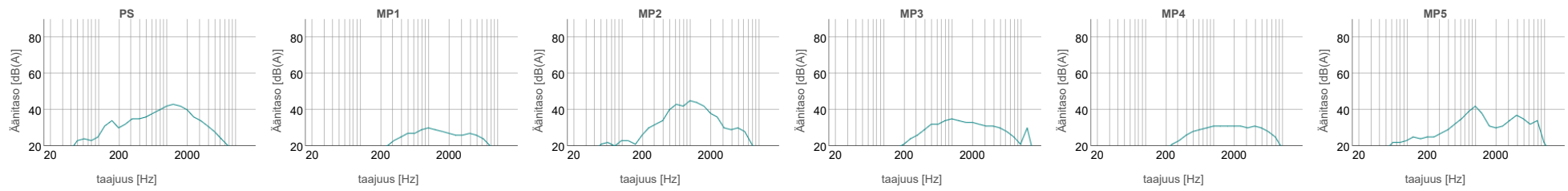
06.07.

0706	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	80	50	56	60	53	-
LAF,5%	60	46	50	56	48	-
LAF,50%	49	41	46	48	41	-
LAF,60dB	4 %	0 %	0 %	0 %	0 %	- %
LAF,65dB	3 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	3 %	0 %	0 %	0 %	0 %	- %
LAeq	50	41	51	44	43	47

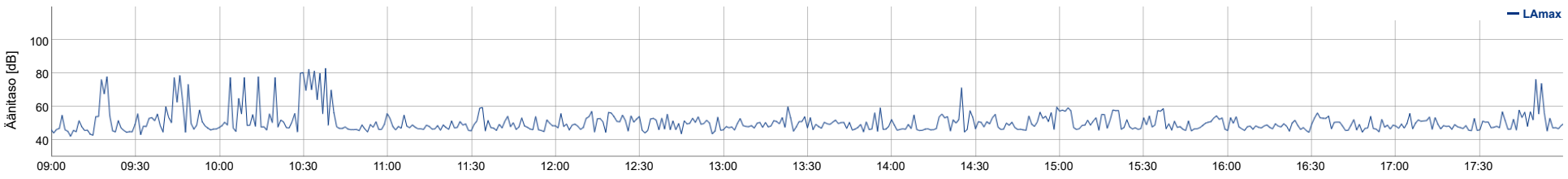
Pysyvyystasot



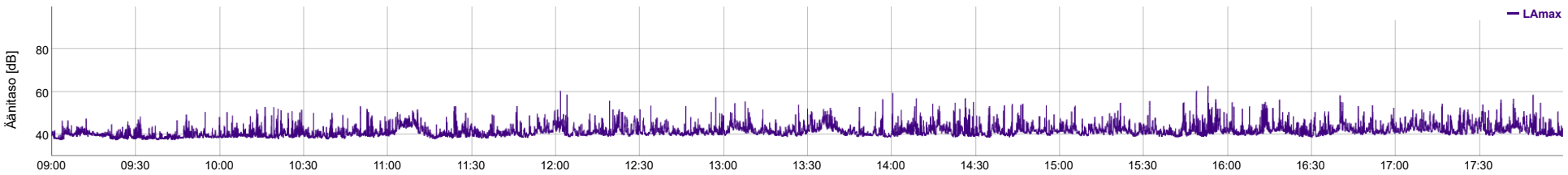
Spektrit



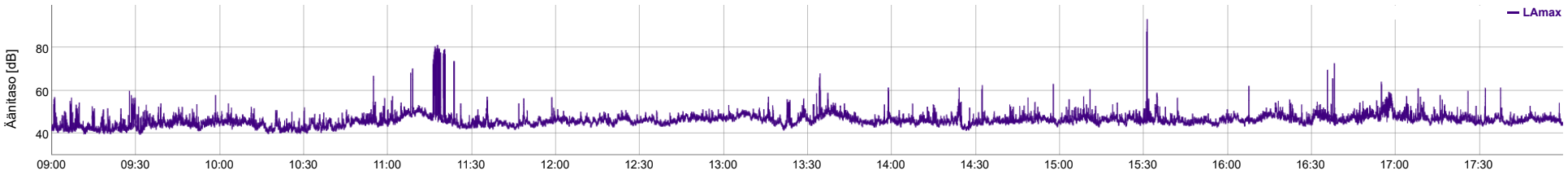
PS



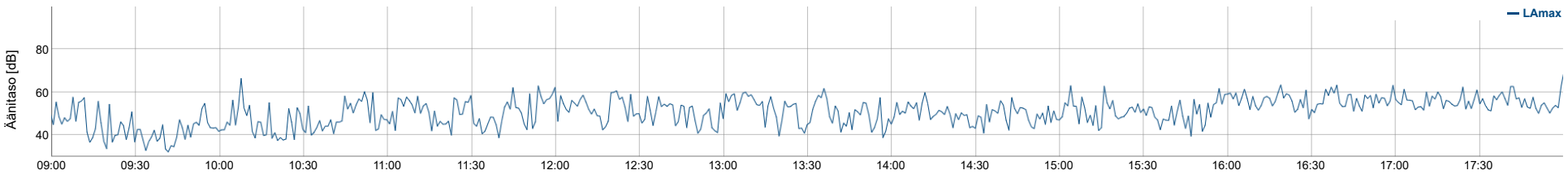
MP1



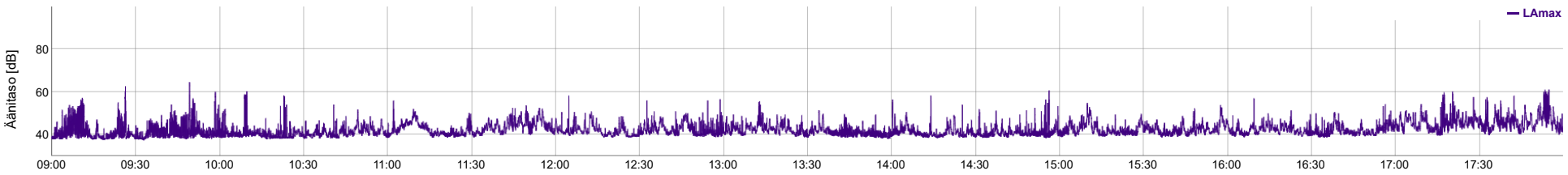
MP2



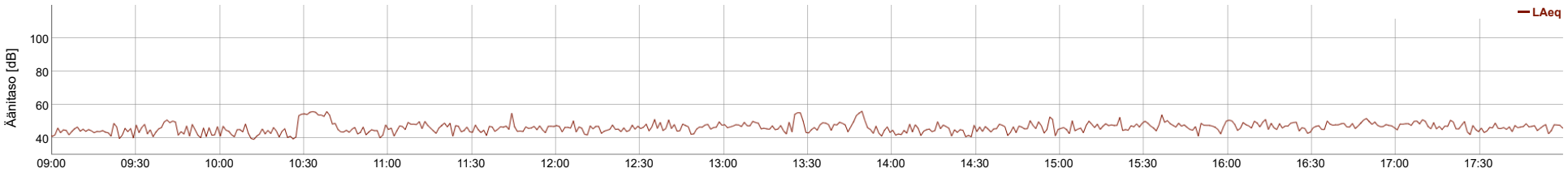
MP3



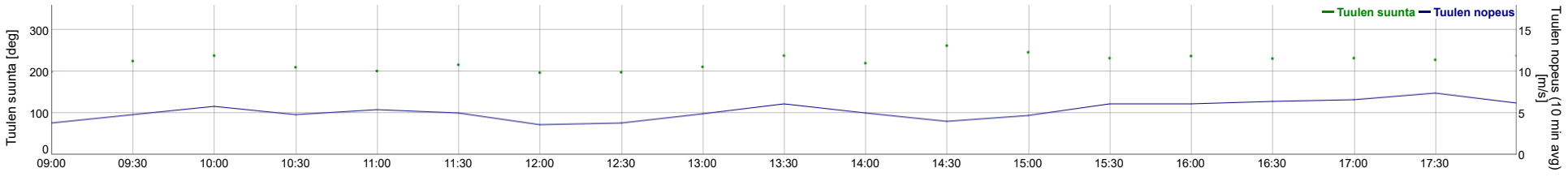
MP4



MP5



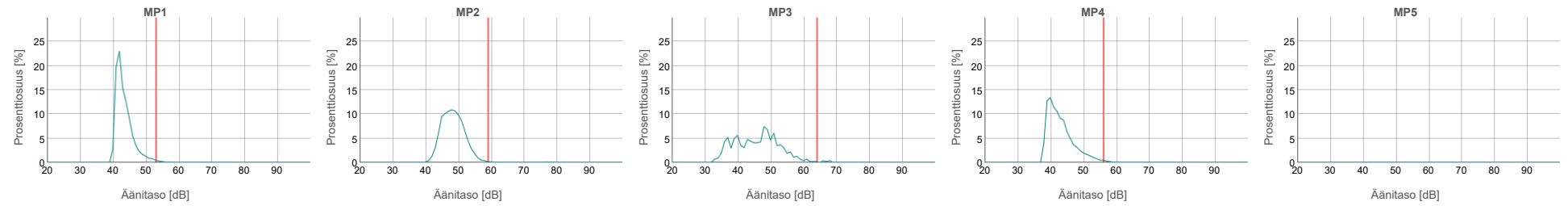
Säähavainnot



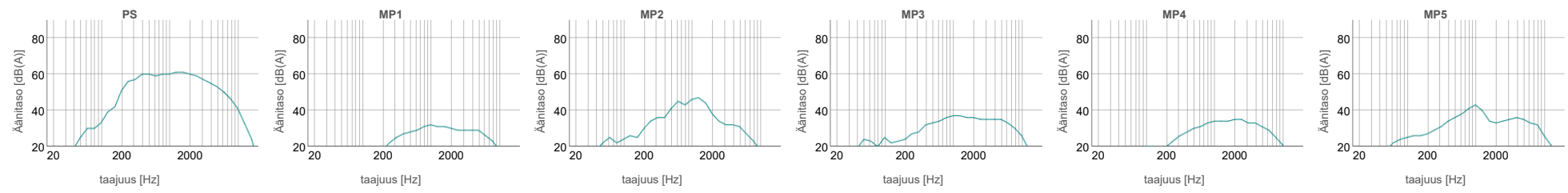
07.07.

0707	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	98	53	59	64	56	-
LAF,5%	95	49	54	57	52	-
LAF,50%	52	43	48	46	42	-
LAF,60dB	26 %	0 %	0 %	2 %	0 %	- %
LAF,65dB	25 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	24 %	0 %	0 %	0 %	0 %	- %
LAeq	70	44	52	47	45	49

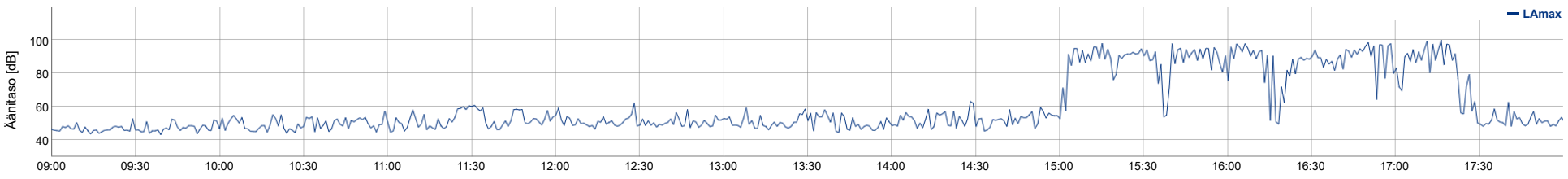
Pysyvyystasot



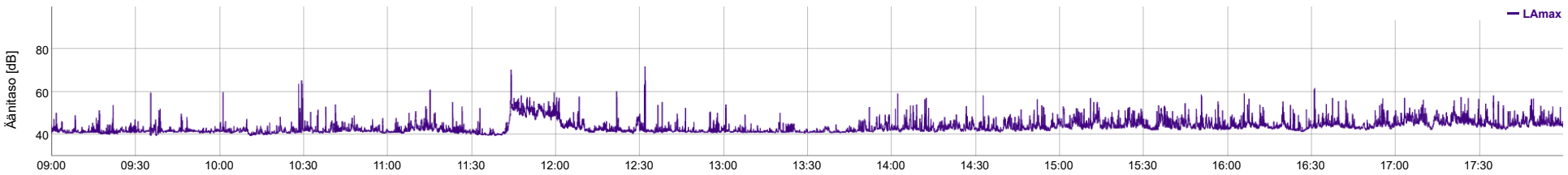
Spektrit



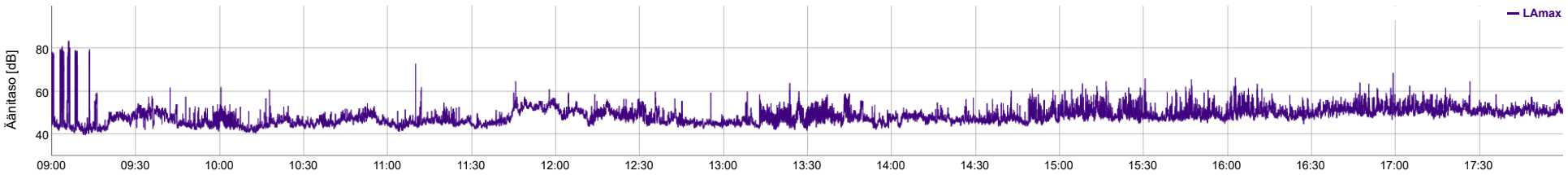
PS



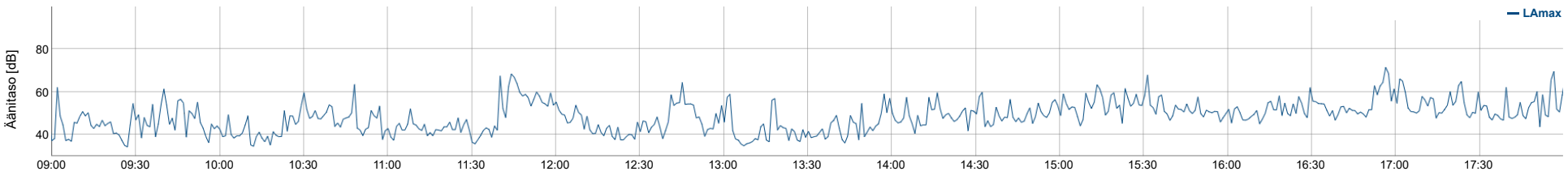
MP1



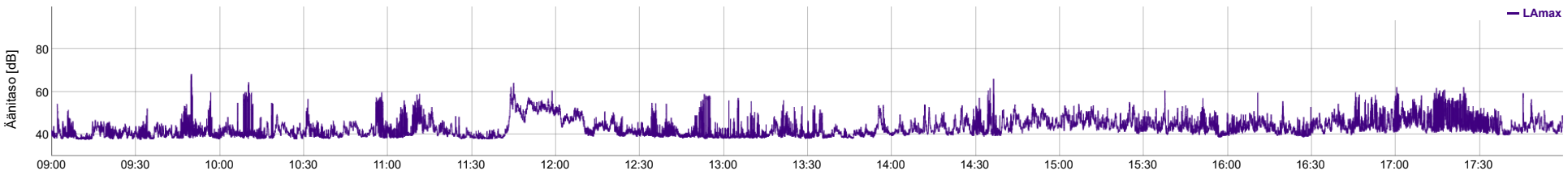
MP2



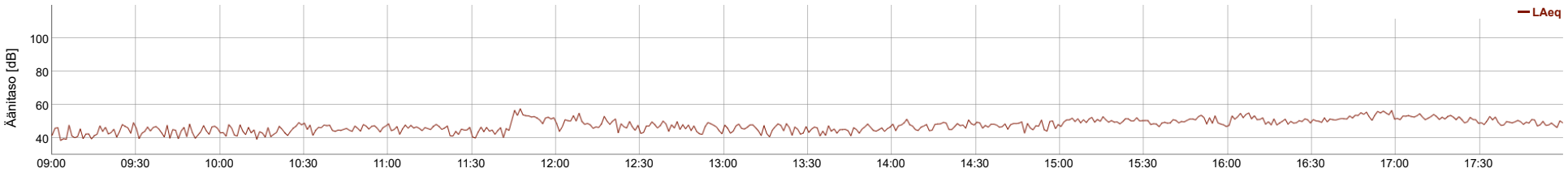
MP3



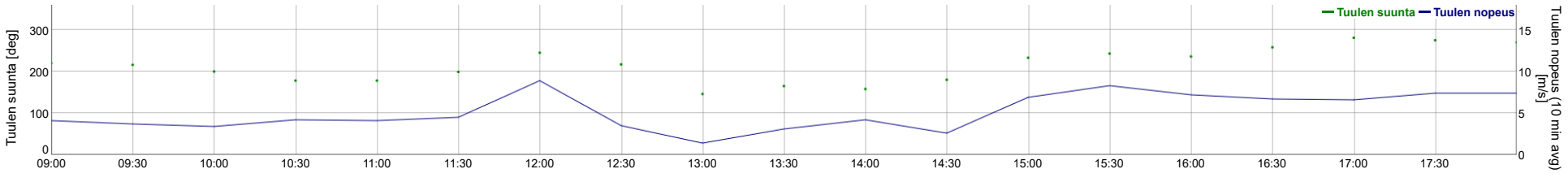
MP4



MP5



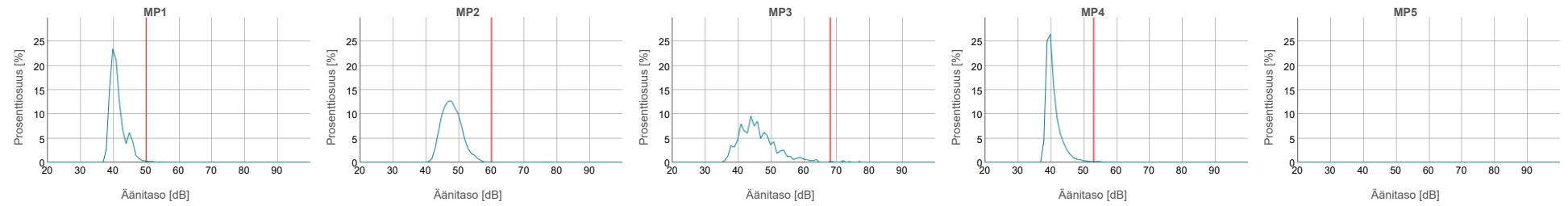
Säähavainnot



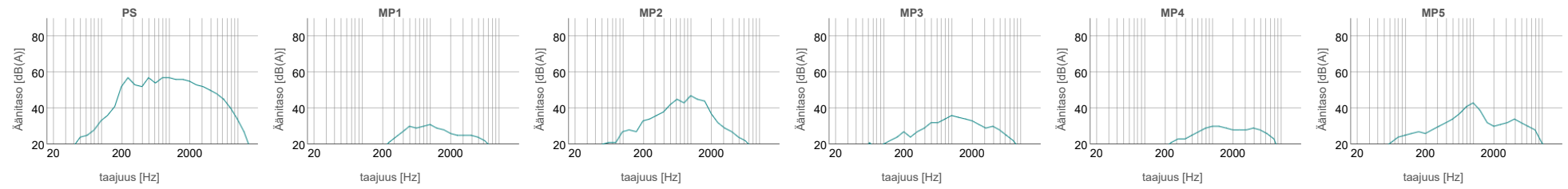
08.07.

0708	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	92	50	60	68	53	-
LAF,5%	90	46	54	58	46	-
LAF,50%	52	41	48	45	40	-
LAF,60dB	30 %	0 %	0 %	3 %	0 %	- %
LAF,65dB	27 %	0 %	0 %	1 %	0 %	- %
LAF,70dB	25 %	0 %	0 %	0 %	0 %	- %
LAeq	66	42	52	44	41	48

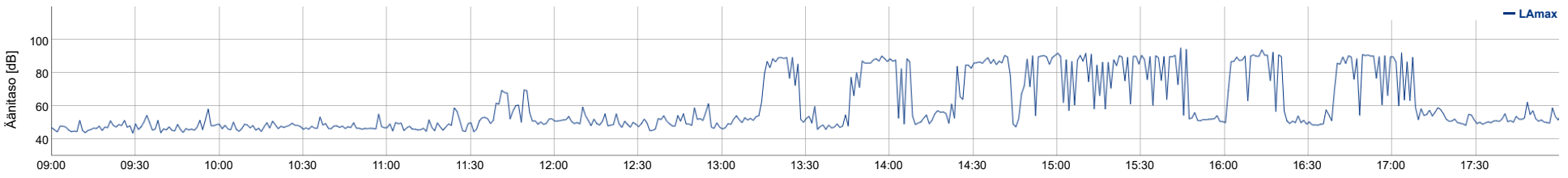
Pysyvyystasot



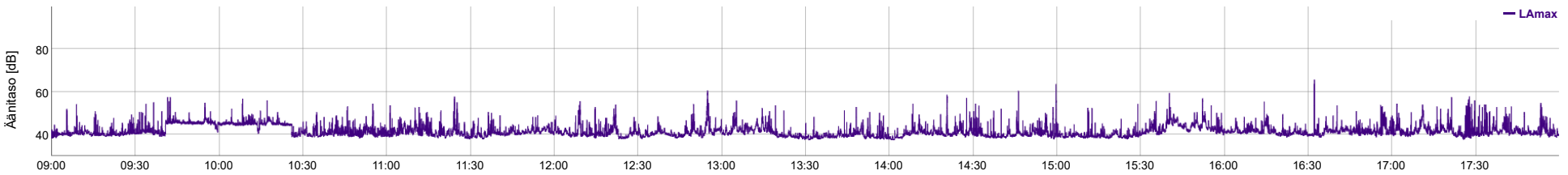
Spektrit



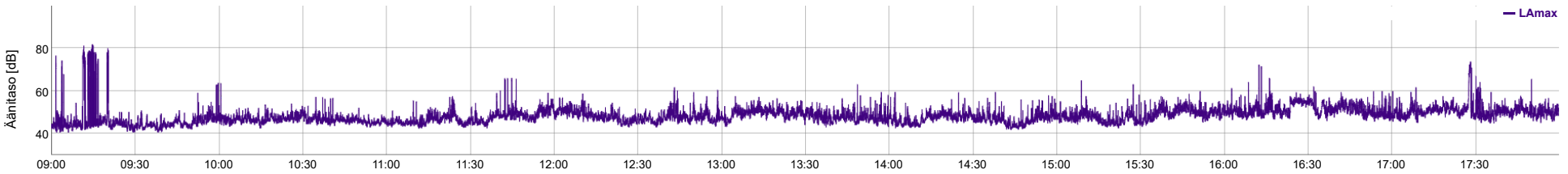
PS



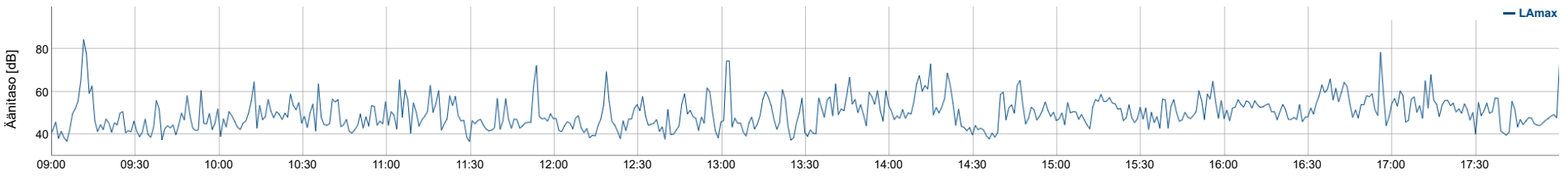
MP1



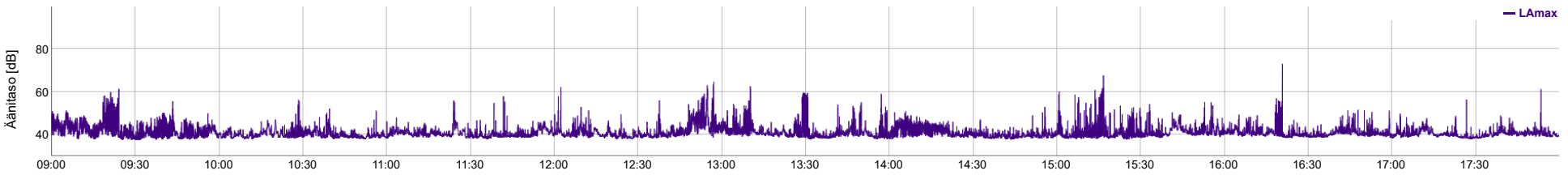
MP2



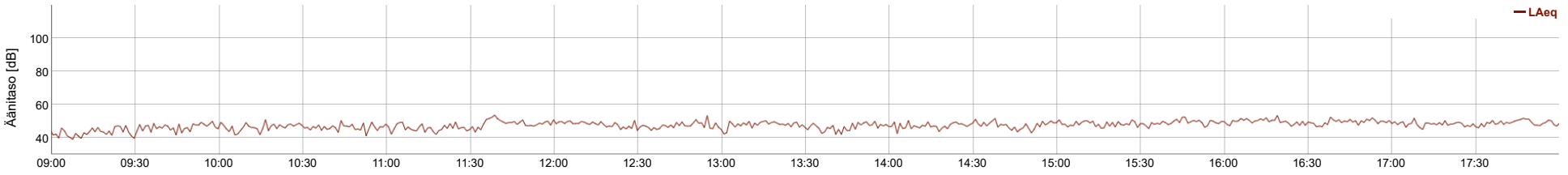
MP3



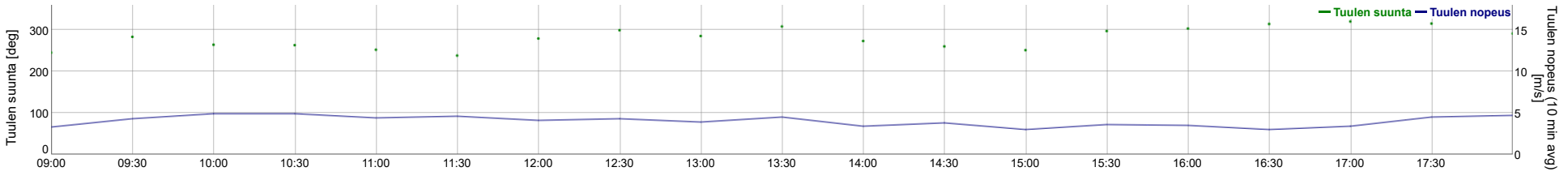
MP4



MP5



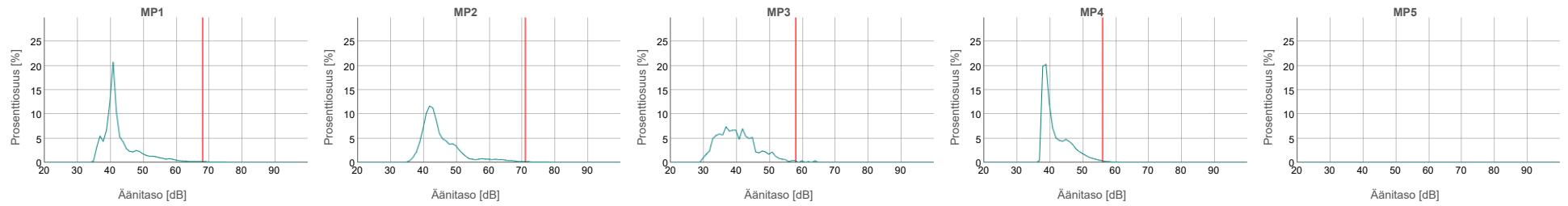
Säähavainnot



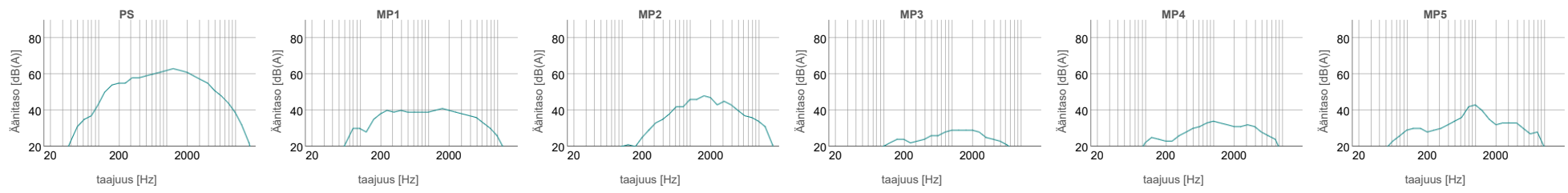
09.07.

0709	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	96	68	71	58	56	-
LAF,5%	94	57	62	52	51	-
LAF,50%	60	41	44	40	40	-
LAF,60dB	50 %	3 %	5 %	0 %	0 %	- %
LAF,65dB	46 %	1 %	2 %	0 %	0 %	- %
LAF,70dB	44 %	0 %	1 %	0 %	0 %	- %
LAeq	71	53	55	39	44	49

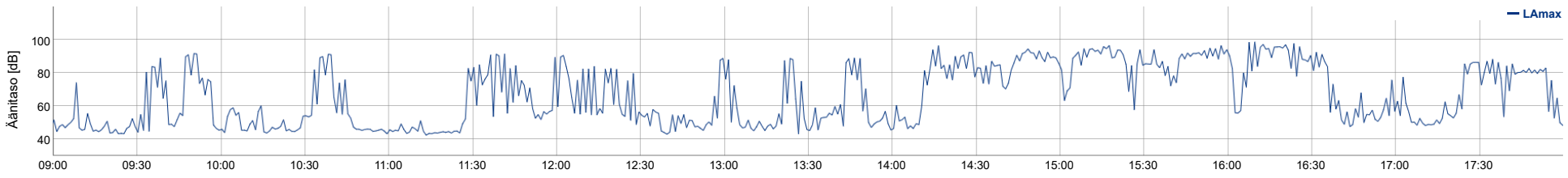
Pysyvyystasot



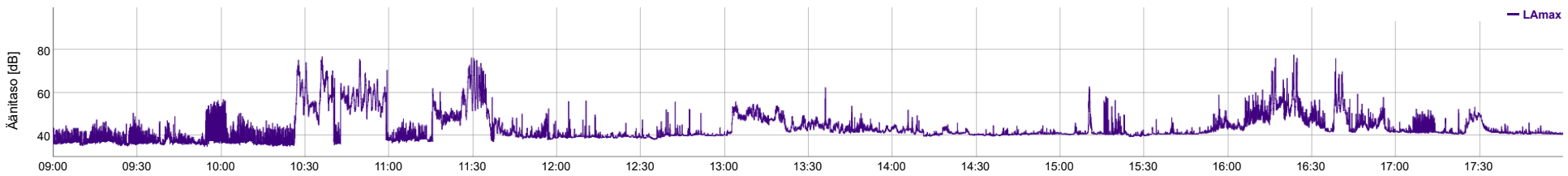
Spektrit



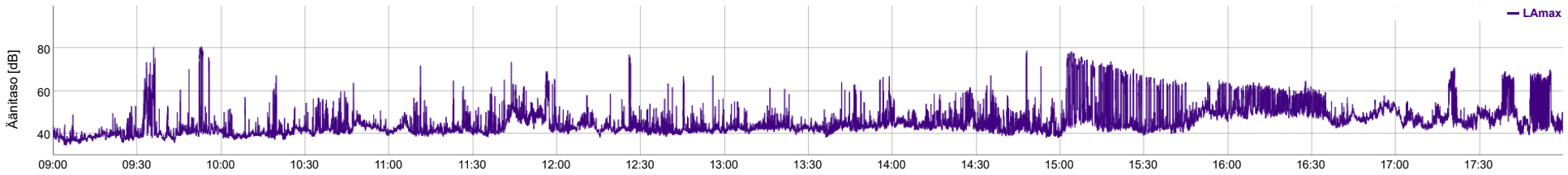
PS



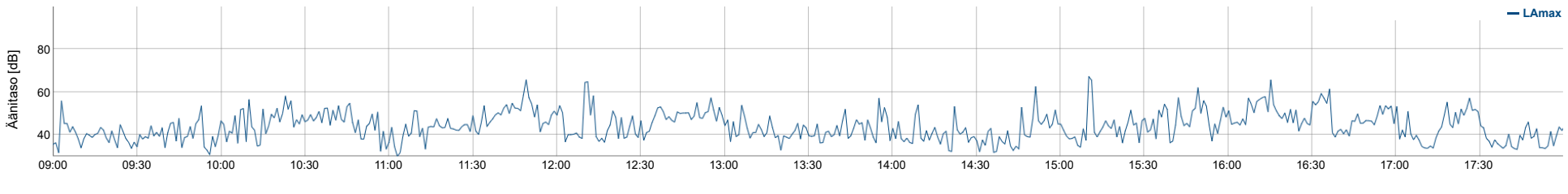
MP1



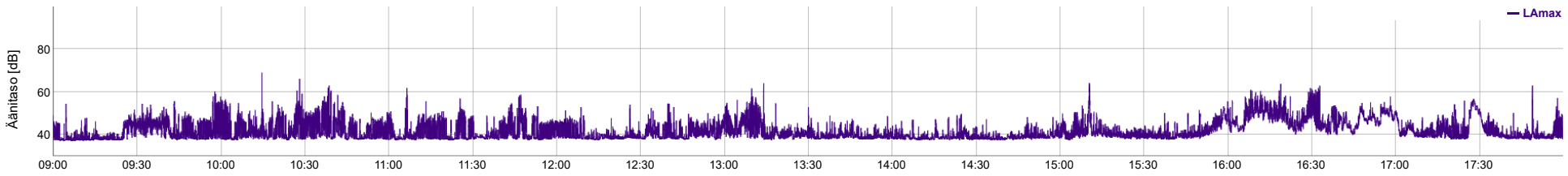
MP2



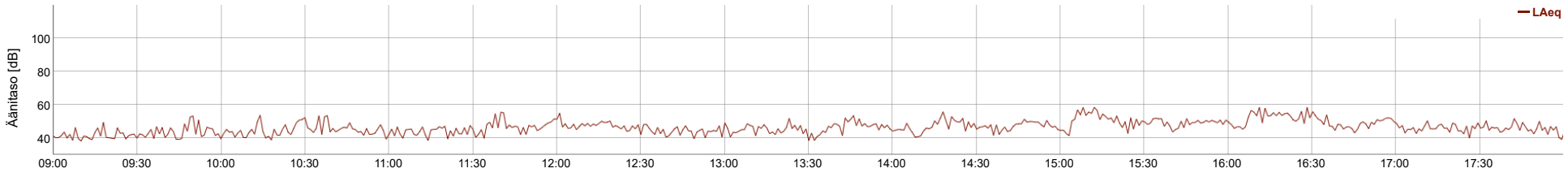
MP3



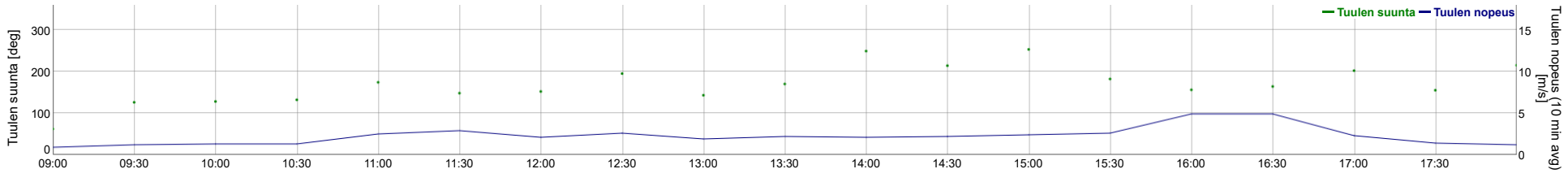
MP4



MP5



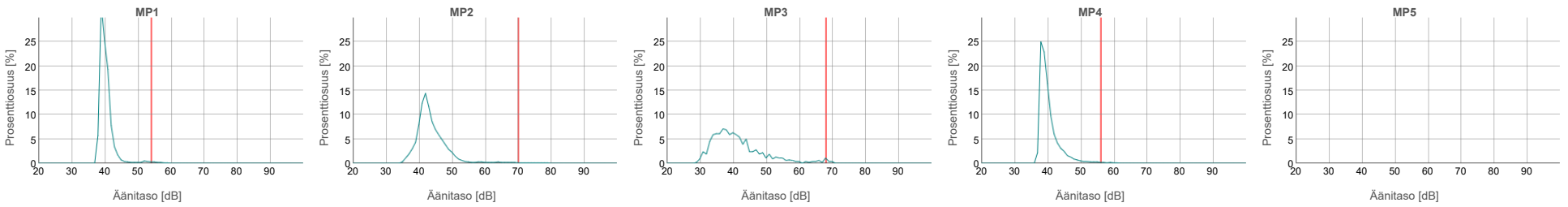
Säähavainnot



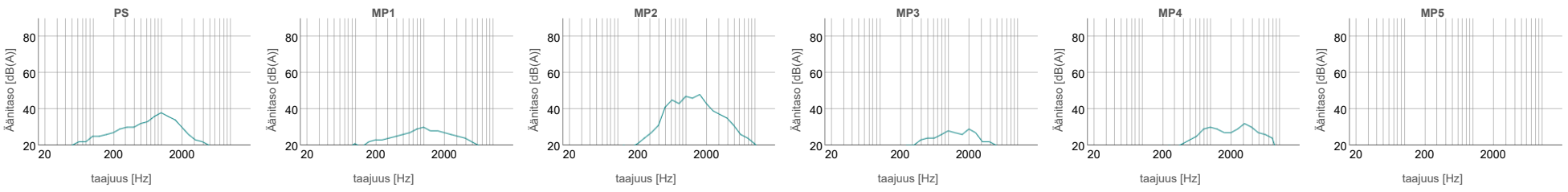
10.07.

0710	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	62	54	70	68	56	-
LAF,5%	57	44	53	58	47	-
LAF,50%	47	40	43	40	39	-
LAF,60dB	2 %	0 %	2 %	4 %	0 %	- %
LAF,65dB	0 %	0 %	1 %	2 %	0 %	- %
LAF,70dB	0 %	0 %	0 %	0 %	0 %	- %
LAeq	44	42	53	41	42	-

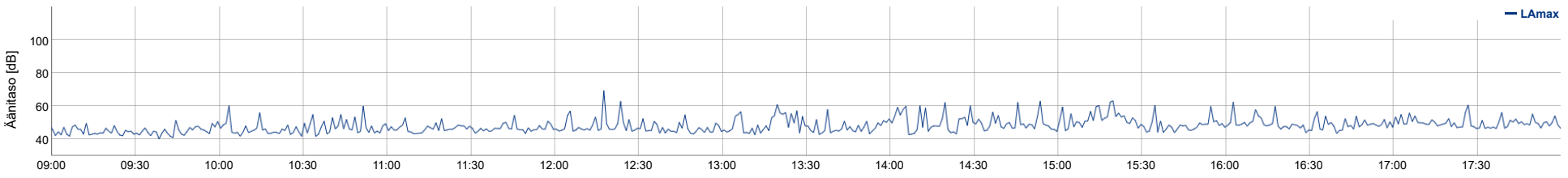
Pysyvyystasot



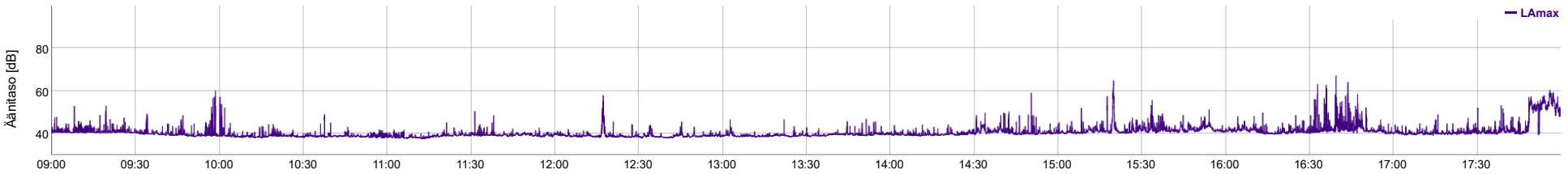
Spektrit



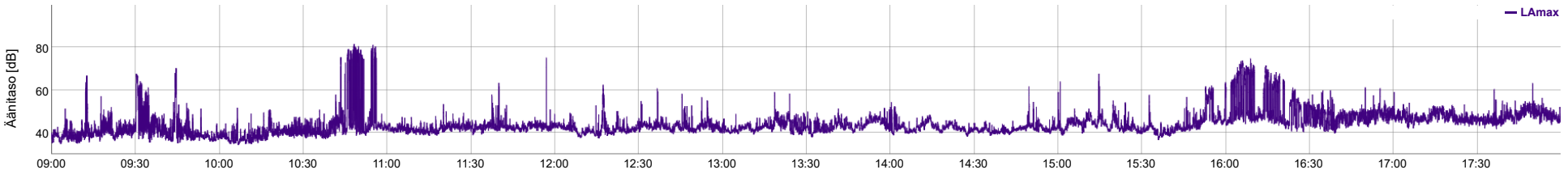
PS



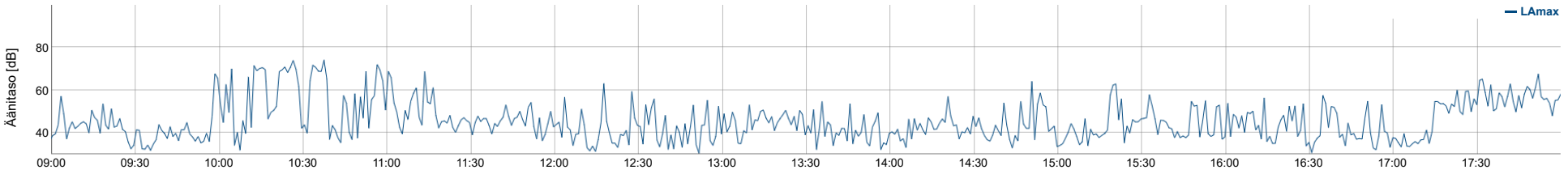
MP1



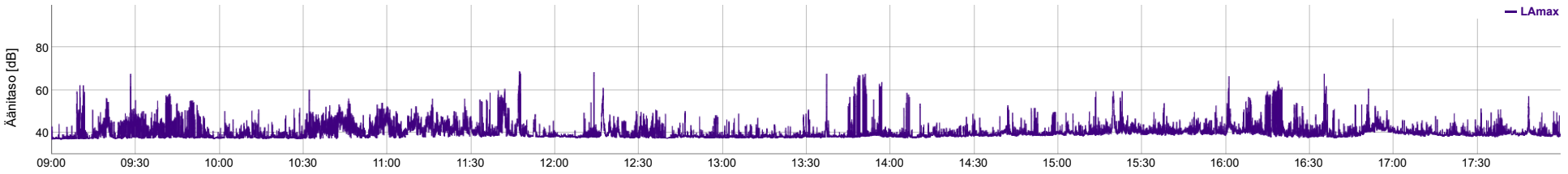
MP2



MP3



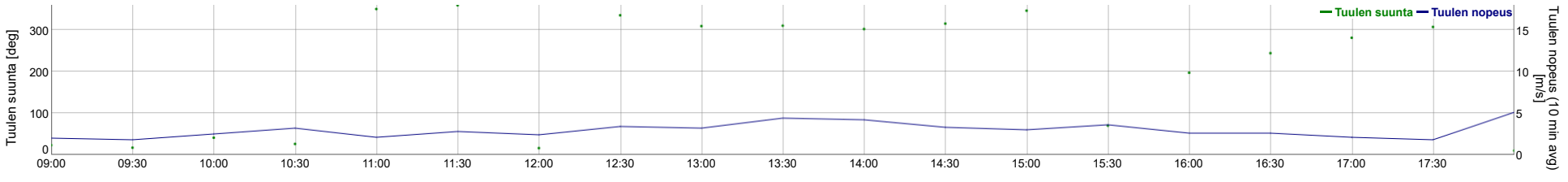
MP4



MP5



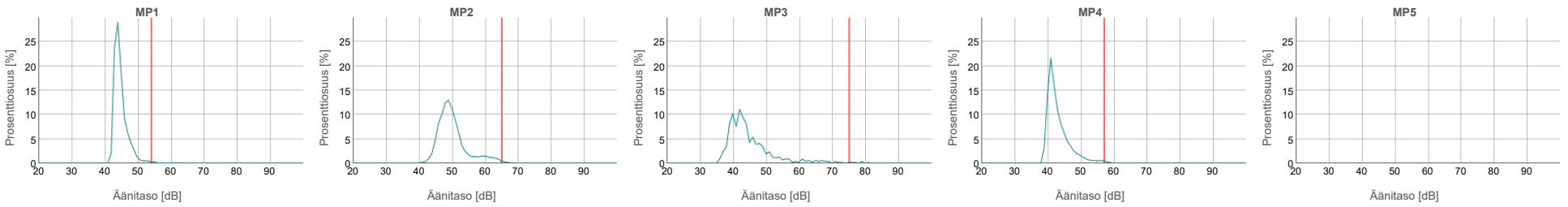
Säähavainnot



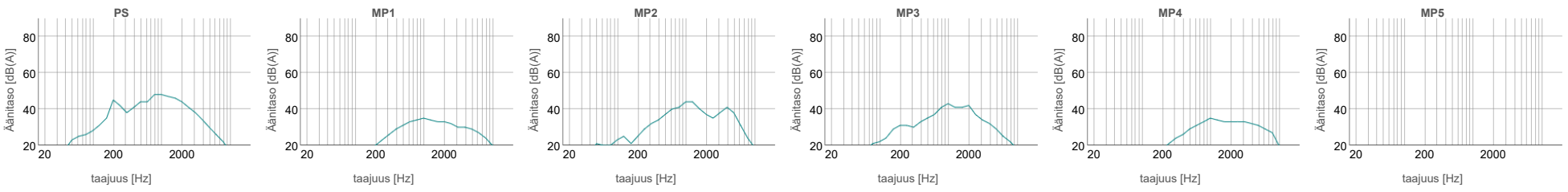
11.07.

0711	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	87	54	65	75	57	-
LAF,5%	70	49	61	62	51	-
LAF,50%	52	44	49	43	42	-
LAF,60dB	6 %	0 %	6 %	6 %	0 %	- %
LAF,65dB	5 %	0 %	0 %	3 %	0 %	- %
LAF,70dB	4 %	0 %	0 %	1 %	0 %	- %
LAeq	56	46	51	52	45	-

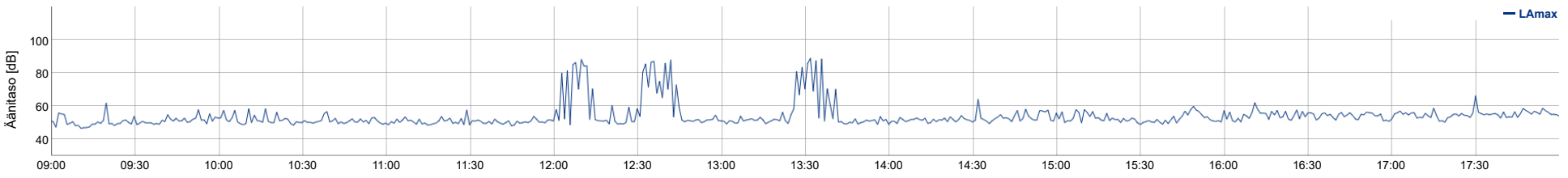
Pysyvyystasot



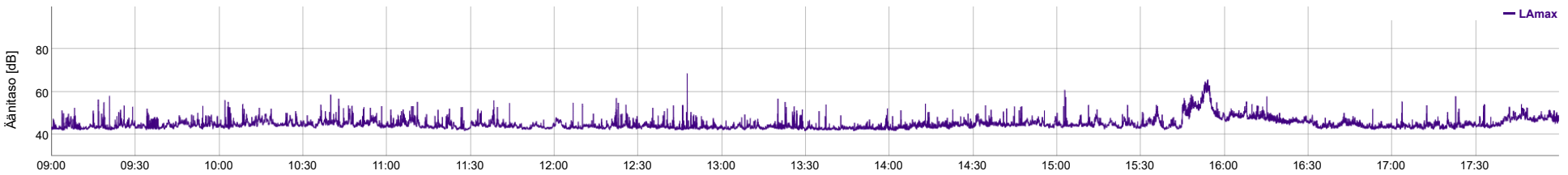
Spektrit



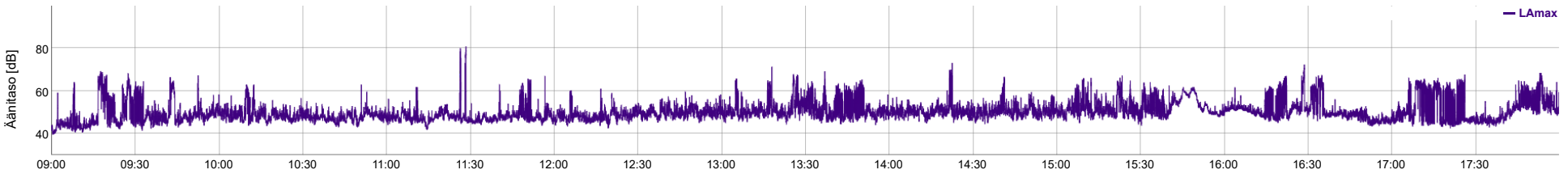
PS



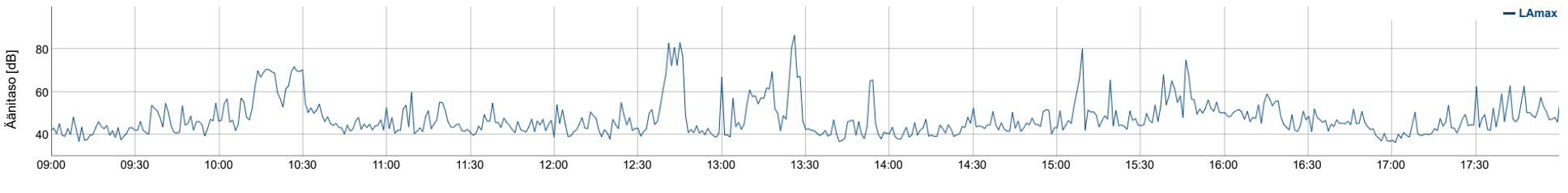
MP1



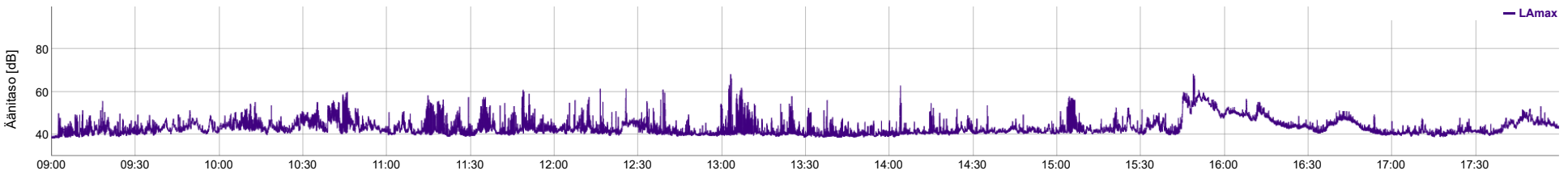
MP2



MP3



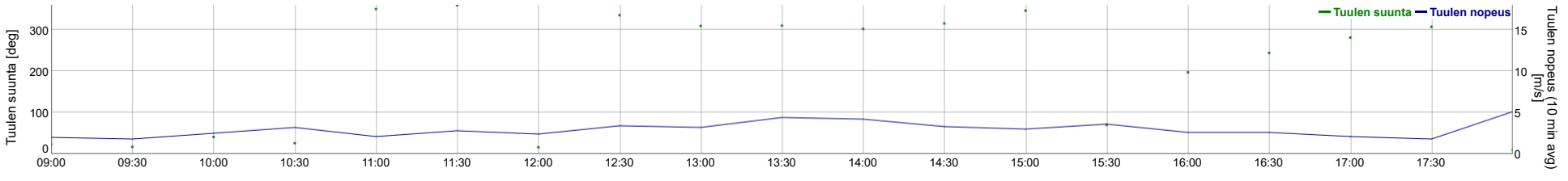
MP4



MP5



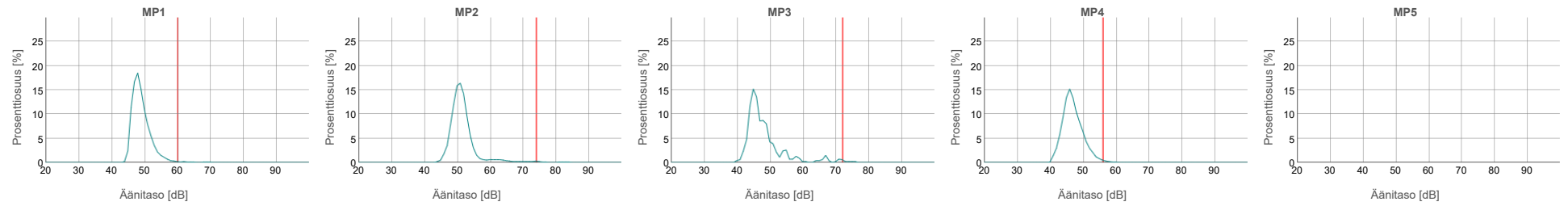
Säähavainnot



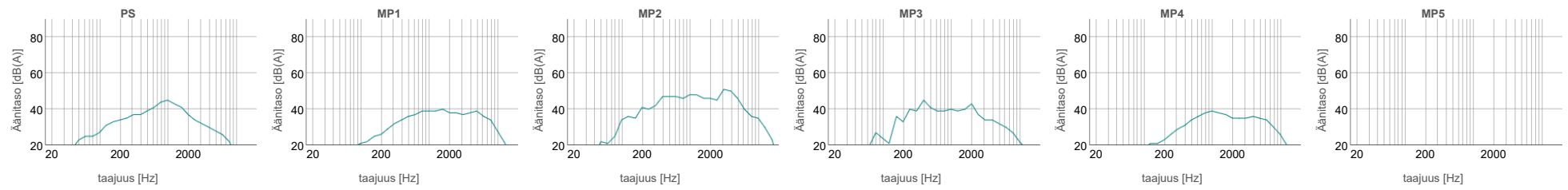
12.07.

0712	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	66	60	74	72	56	-
LAF,5%	60	55	61	64	53	-
LAF,50%	53	49	51	47	47	-
LAF,60dB	5 %	1 %	5 %	5 %	0 %	- %
LAF,65dB	1 %	0 %	2 %	4 %	0 %	- %
LAF,70dB	0 %	0 %	1 %	2 %	0 %	- %
LAeq	51	50	60	50	48	-

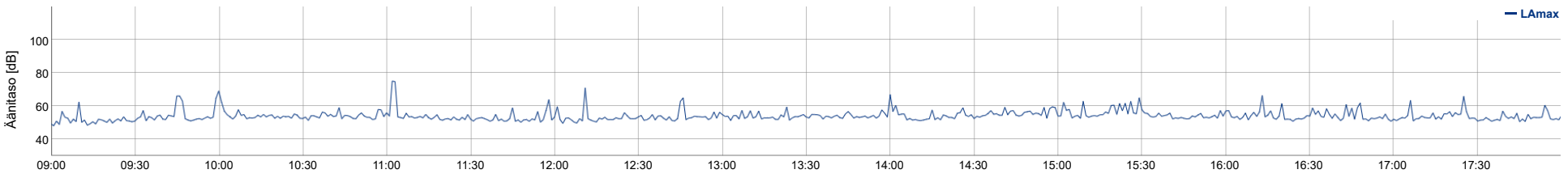
Pysyvyystasot



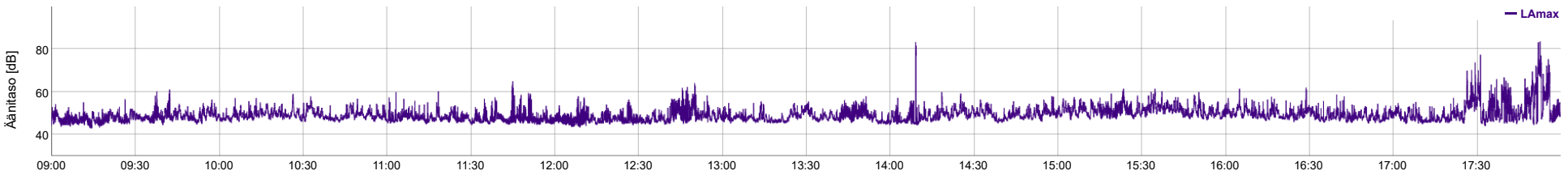
Spektrit



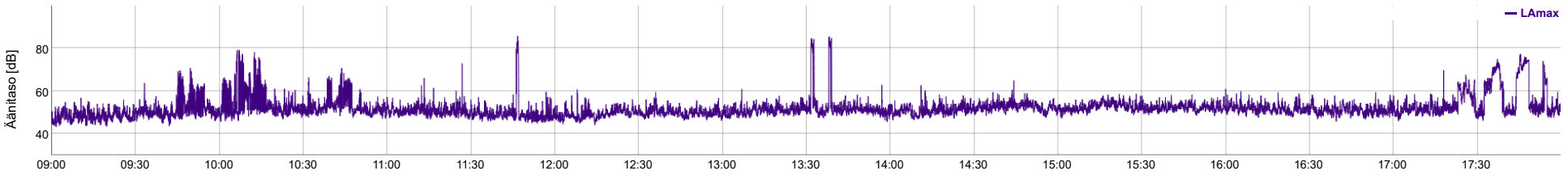
PS



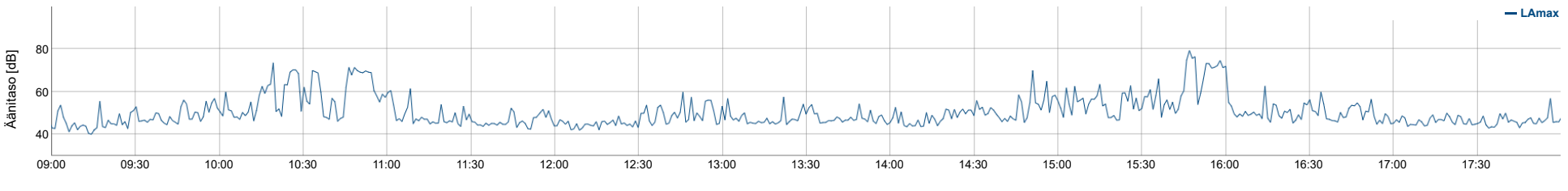
MP1



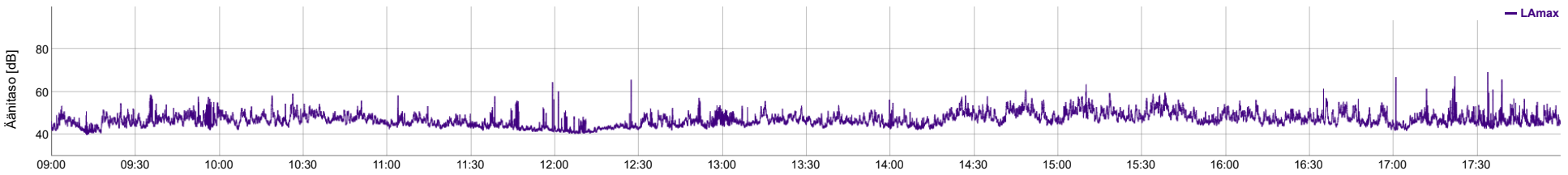
MP2



MP3



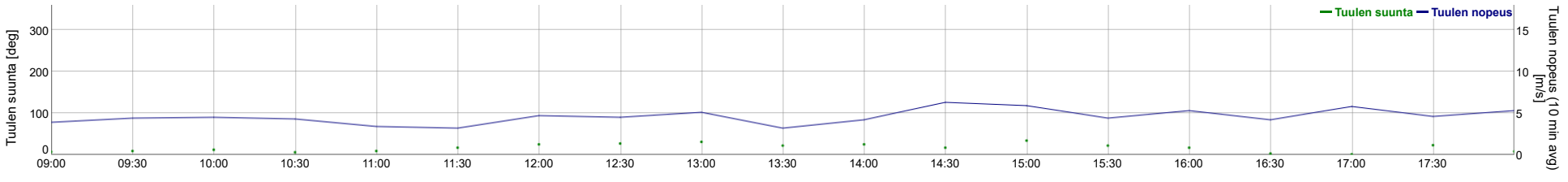
MP4



MP5



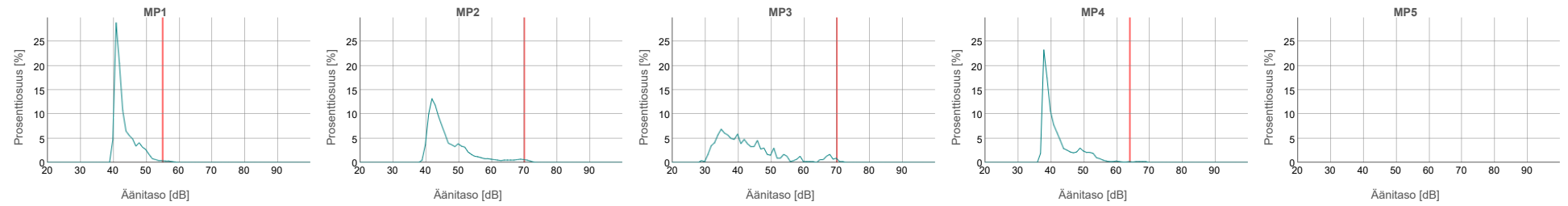
Säähavainnot



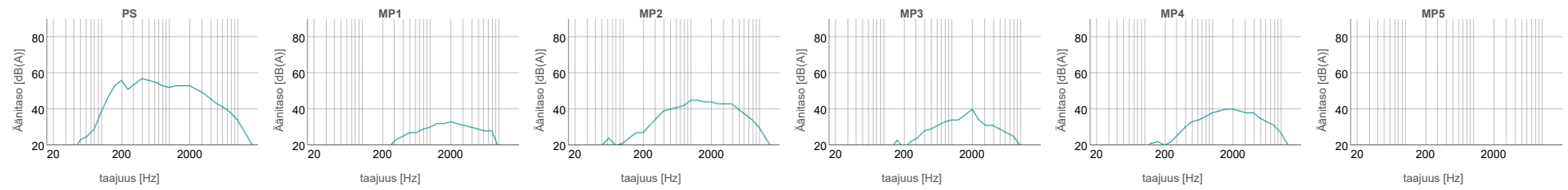
13.07.

0713	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	92	55	70	70	64	-
LAF,5%	91	50	63	66	53	-
LAF,50%	54	42	45	40	40	-
LAF,60dB	32 %	0 %	6 %	6 %	1 %	- %
LAF,65dB	26 %	0 %	3 %	5 %	0 %	- %
LAF,70dB	21 %	0 %	0 %	0 %	0 %	- %
LAeq	65	44	54	45	49	-

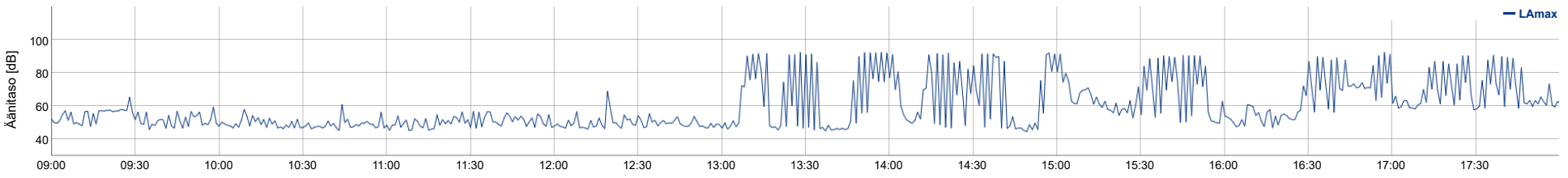
Pysyvyystasot



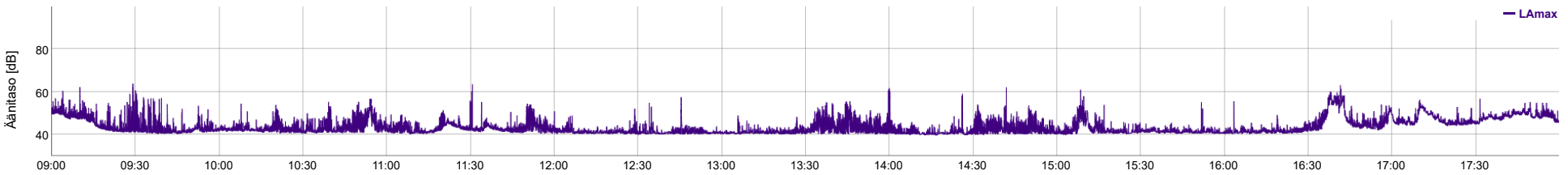
Spektrit



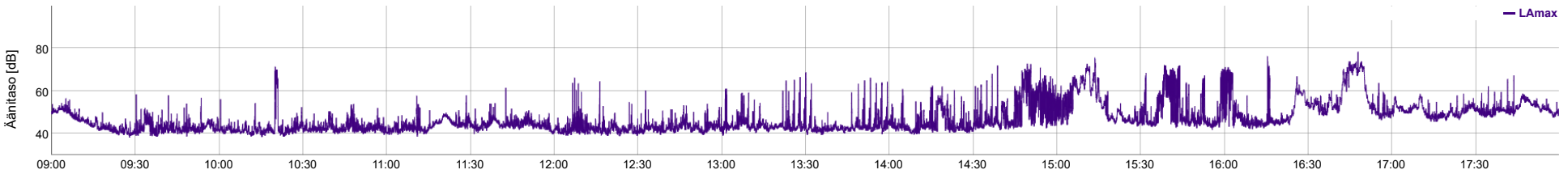
PS



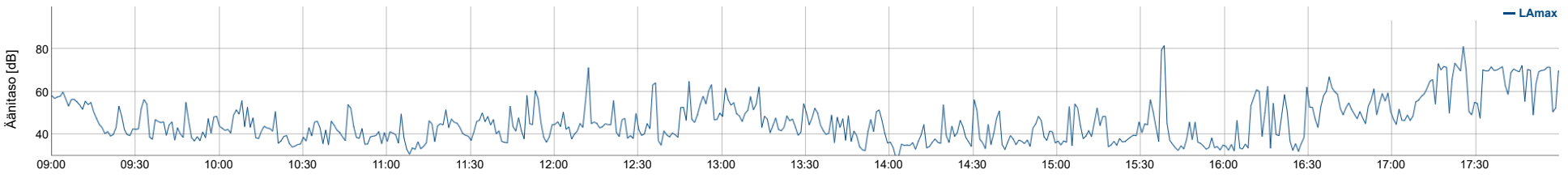
MP1



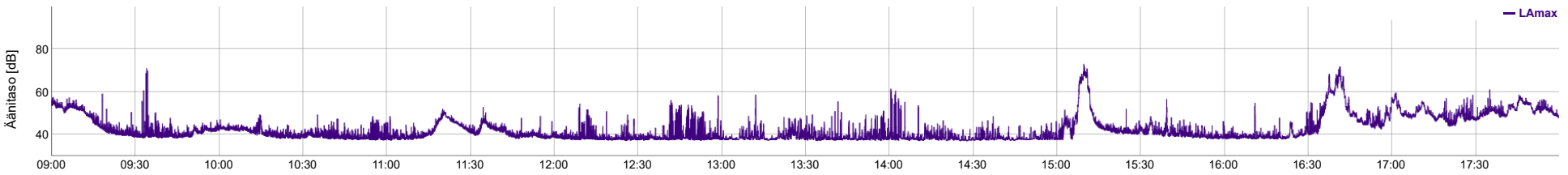
MP2



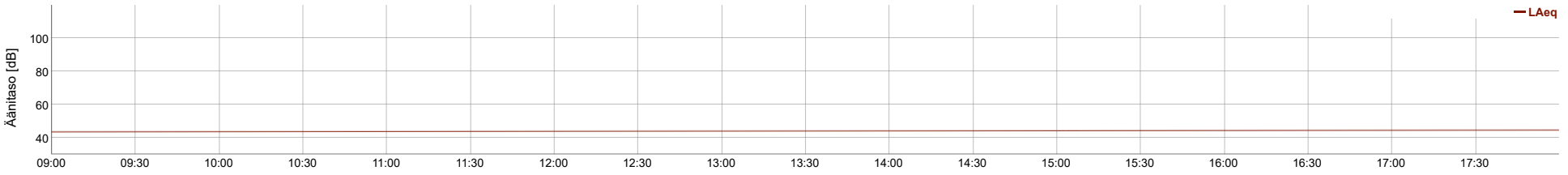
MP3



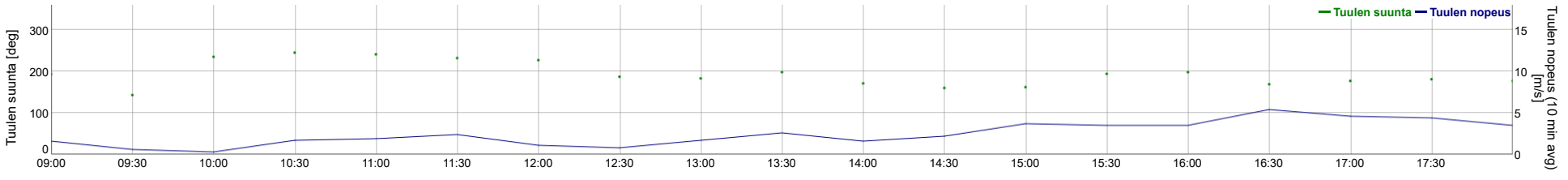
MP4



MP5



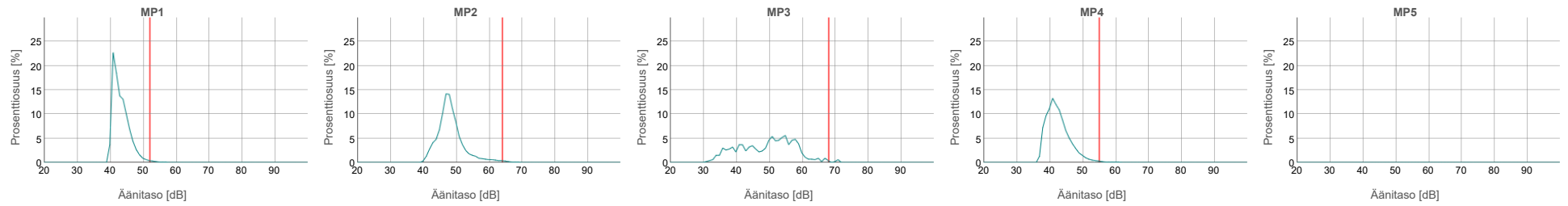
Säähavainnot



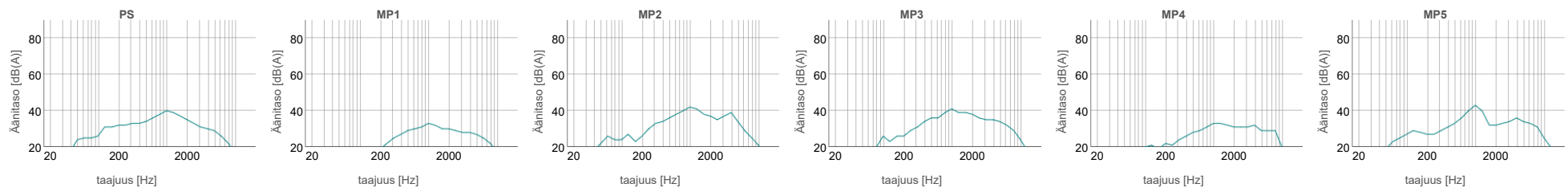
14.07.

0714	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	63	52	64	68	55	-
LAF,5%	58	48	57	62	50	-
LAF,50%	49	43	48	51	42	-
LAF,60dB	2 %	0 %	2 %	7 %	0 %	- %
LAF,65dB	0 %	0 %	0 %	2 %	0 %	- %
LAF,70dB	0 %	0 %	0 %	0 %	0 %	- %
LAeq	47	44	49	48	43	48

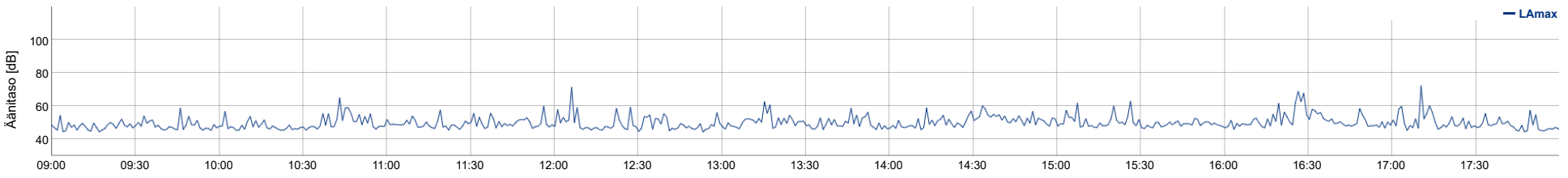
Pysyvyystasot



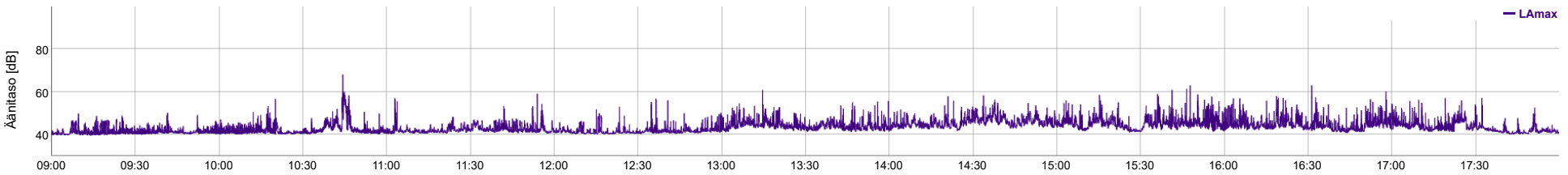
Spektrit



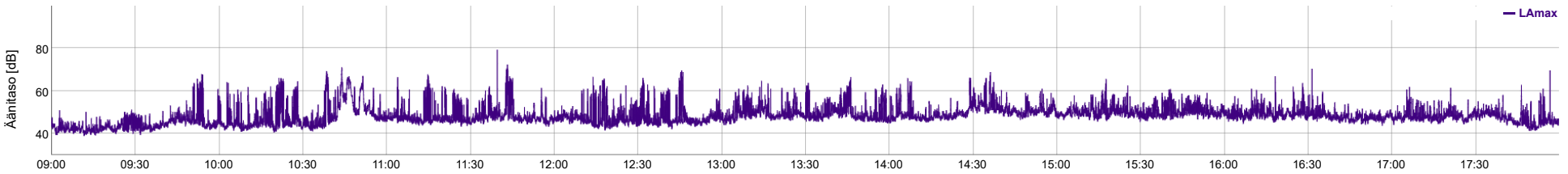
PS



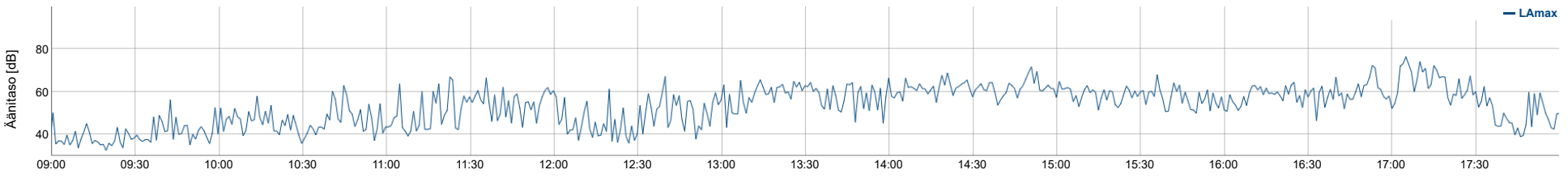
MP1



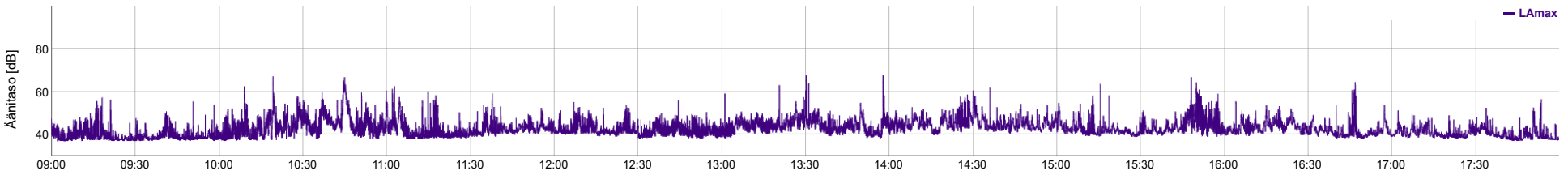
MP2



MP3



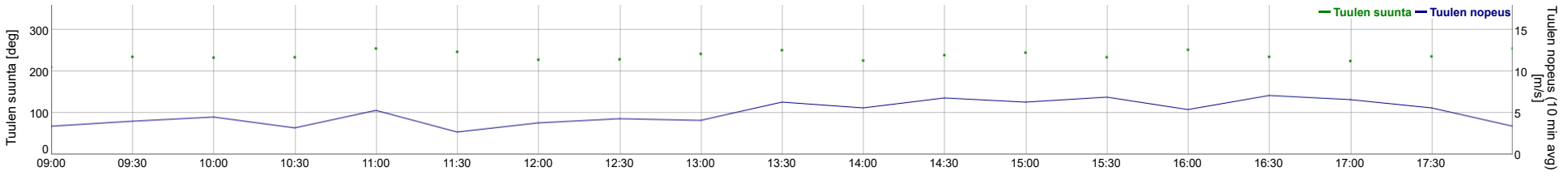
MP4



MP5



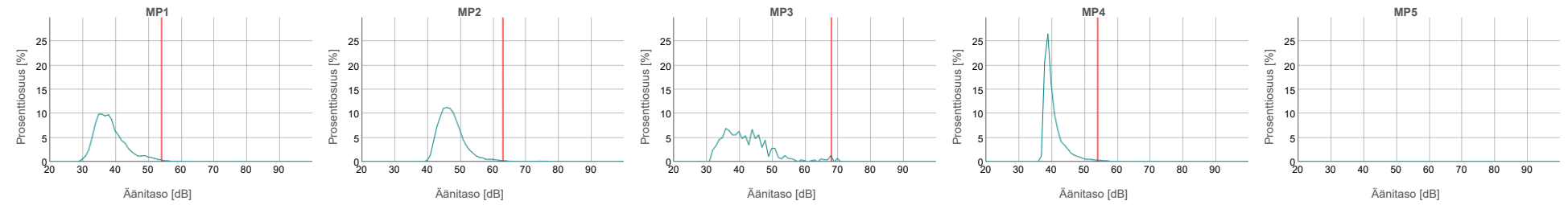
Säähavainnot



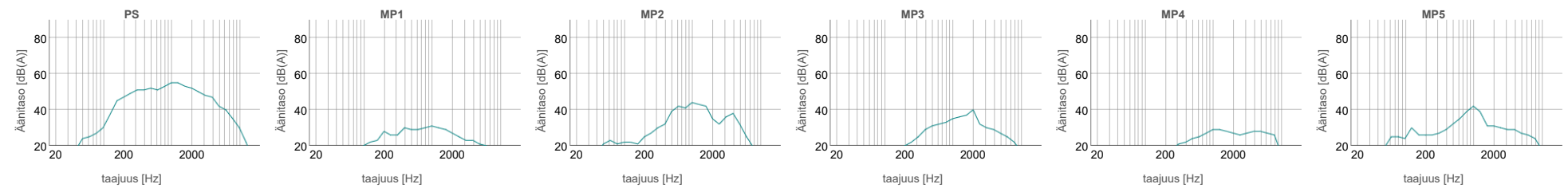
15.07.

0715	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	92	54	63	68	54	-
LAF,5%	88	49	56	56	48	-
LAF,50%	52	38	47	41	40	-
LAF,60dB	36 %	0 %	2 %	3 %	0 %	- %
LAF,65dB	31 %	0 %	0 %	2 %	0 %	- %
LAF,70dB	27 %	0 %	0 %	0 %	0 %	- %
LAeq	63	41	50	43	41	47

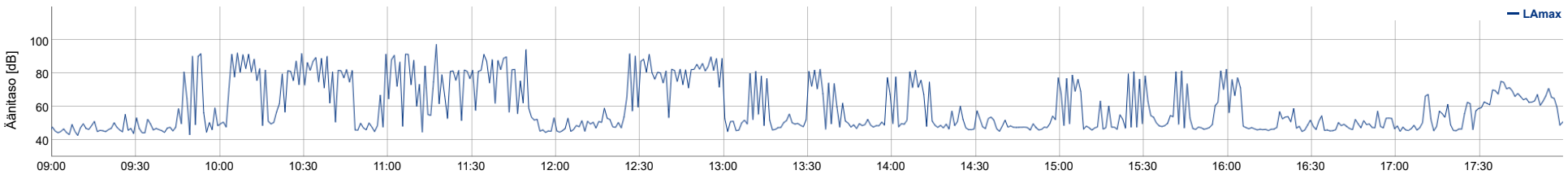
Pysyvyystasot



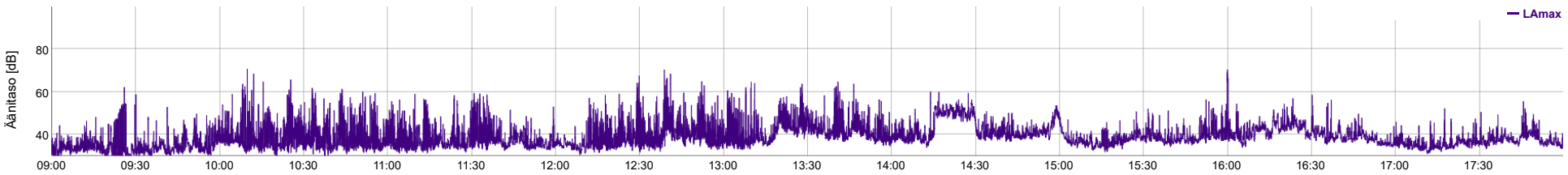
Spektrit



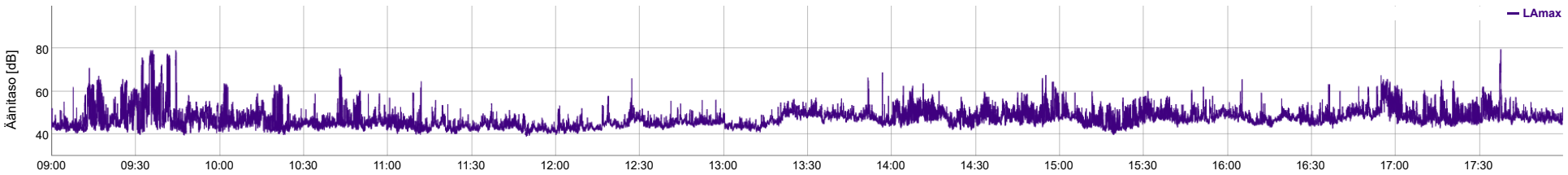
PS



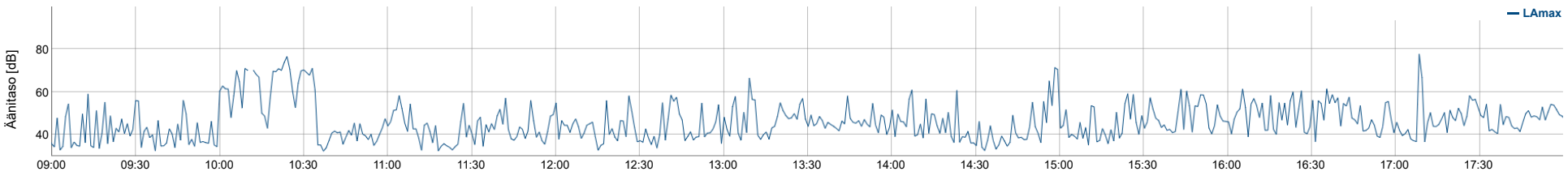
MP1



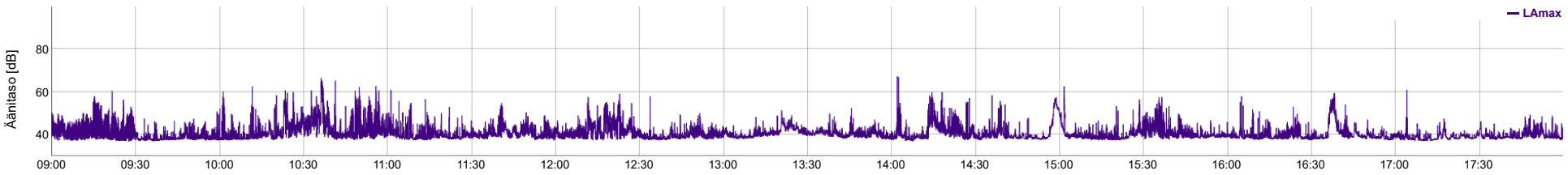
MP2



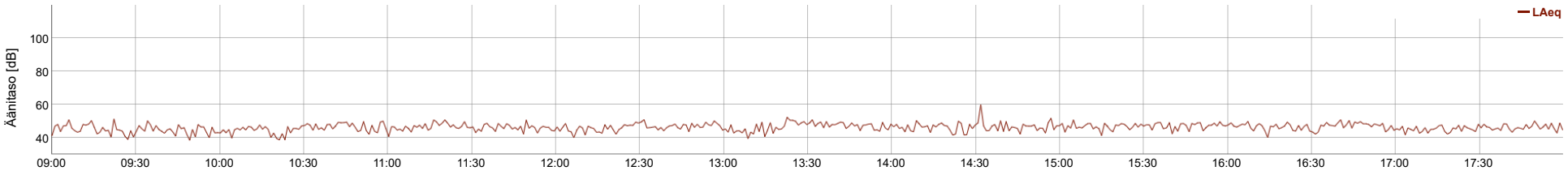
MP3



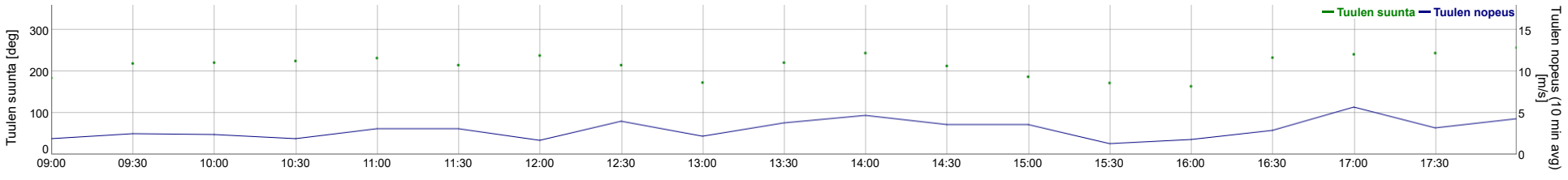
MP4



MP5



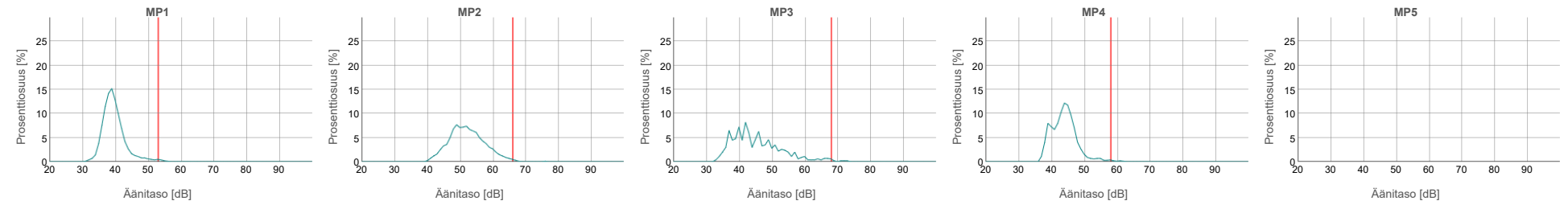
Säähavainnot



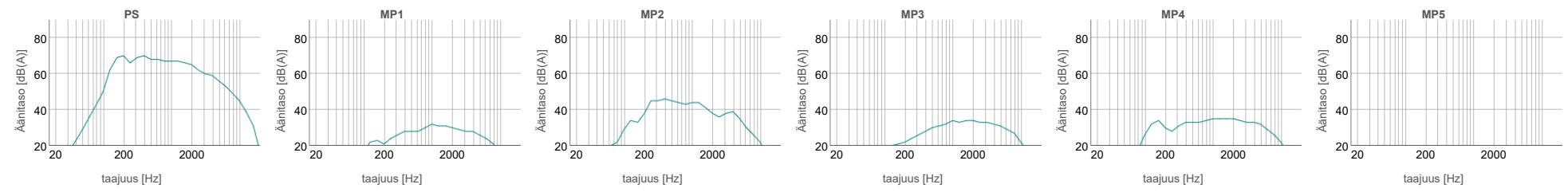
16.07.

0716	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	98	53	66	68	58	-
LAF,5%	97	47	62	60	51	-
LAF,50%	91	39	52	44	44	-
LAF,60dB	82 %	0 %	8 %	5 %	0 %	- %
LAF,65dB	75 %	0 %	1 %	2 %	0 %	- %
LAF,70dB	72 %	0 %	0 %	0 %	0 %	- %
LAeq	79	41	54	45	46	-

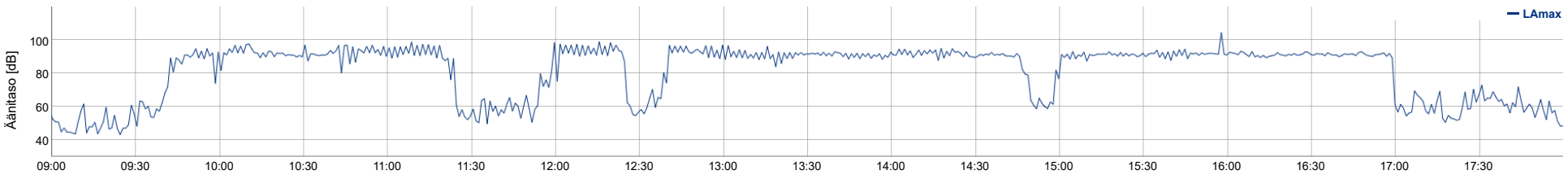
Pysyvyystasot



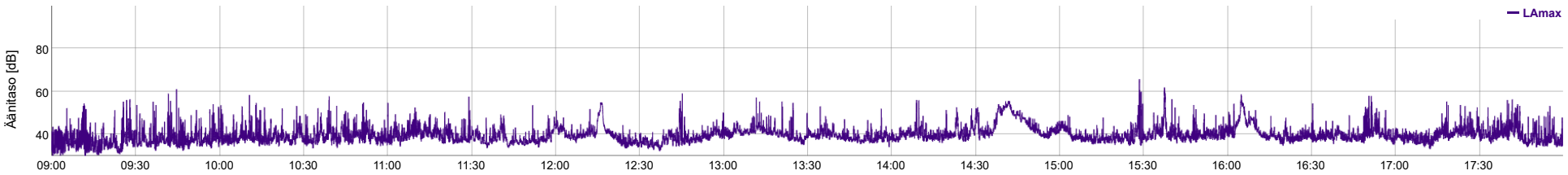
Spektrit



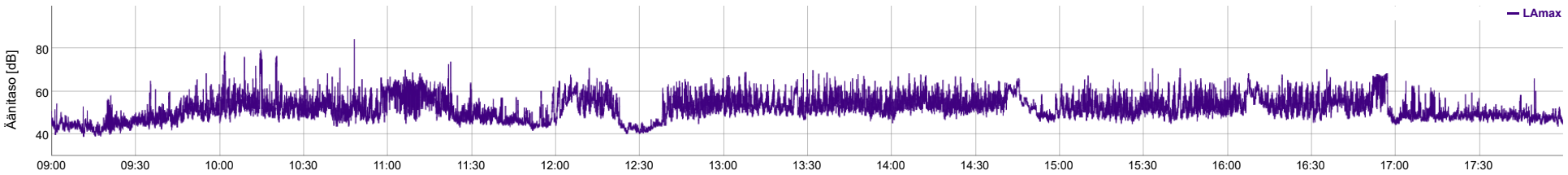
PS



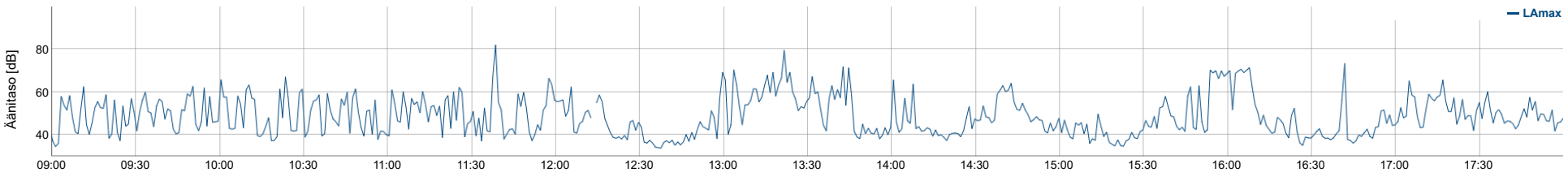
MP1



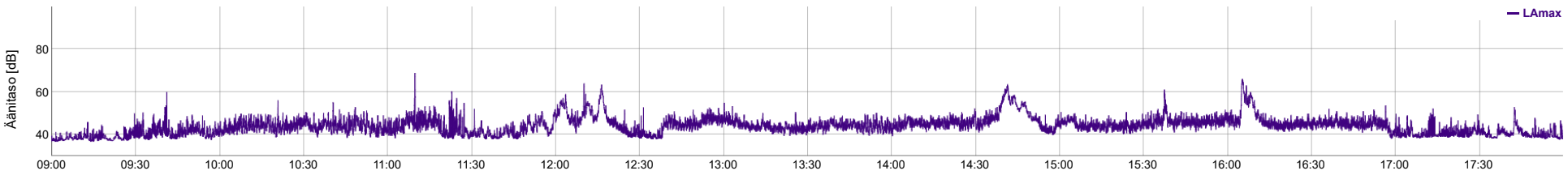
MP2



MP3



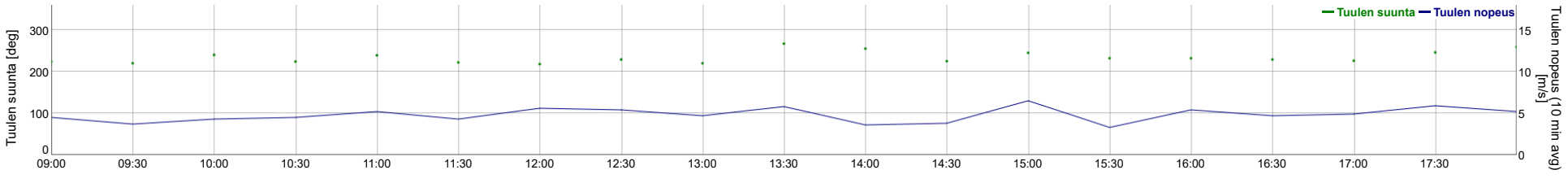
MP4



MP5



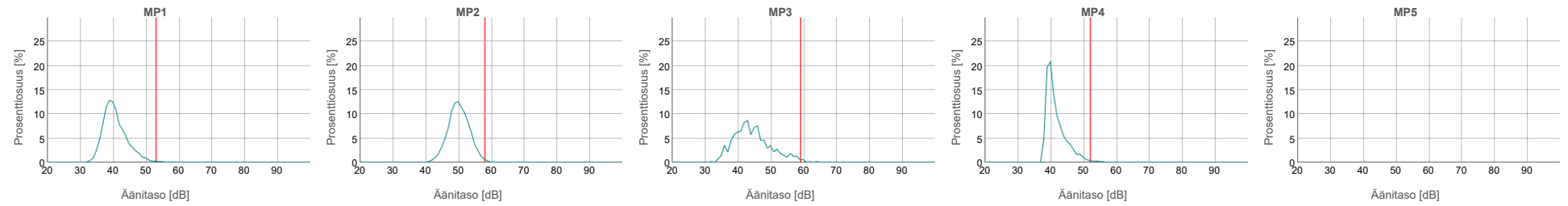
Säähavainnot



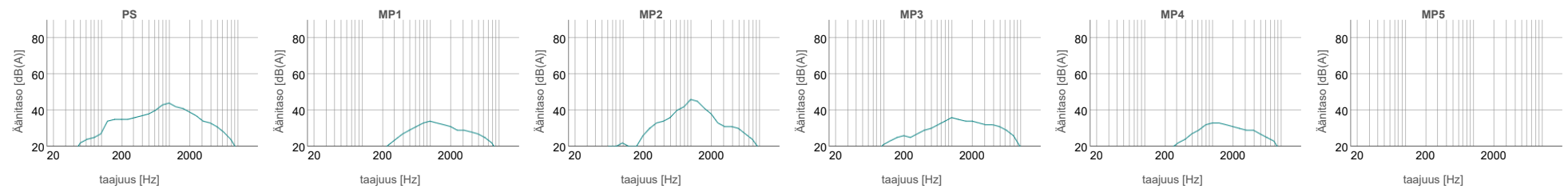
17.07.

0717	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	73	53	58	59	52	-
LAF,5%	66	48	56	56	48	-
LAF,50%	53	40	50	44	41	-
LAF,60dB	12 %	0 %	0 %	0 %	0 %	- %
LAF,65dB	6 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	1 %	0 %	0 %	0 %	0 %	- %
LAeq	51	43	51	44	43	-

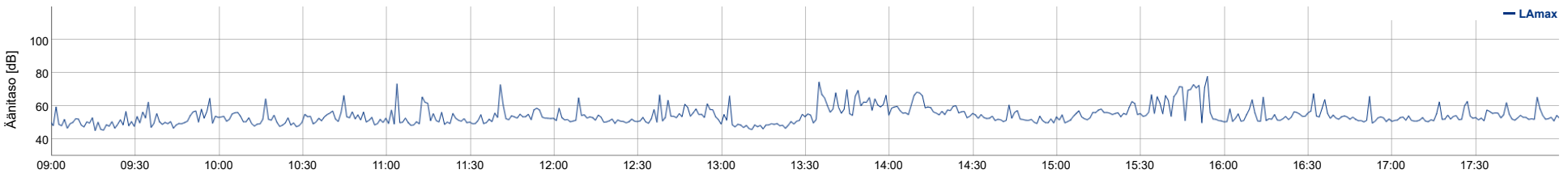
Pysyvyystasot



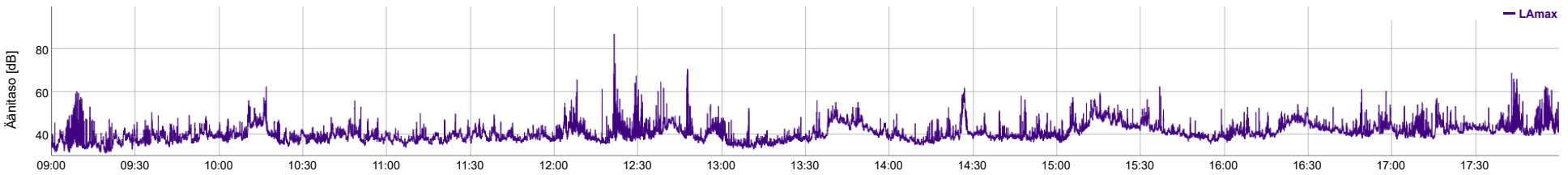
Spektrit



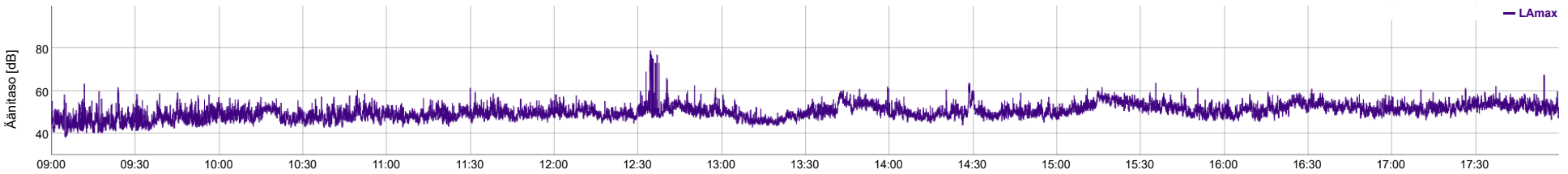
PS



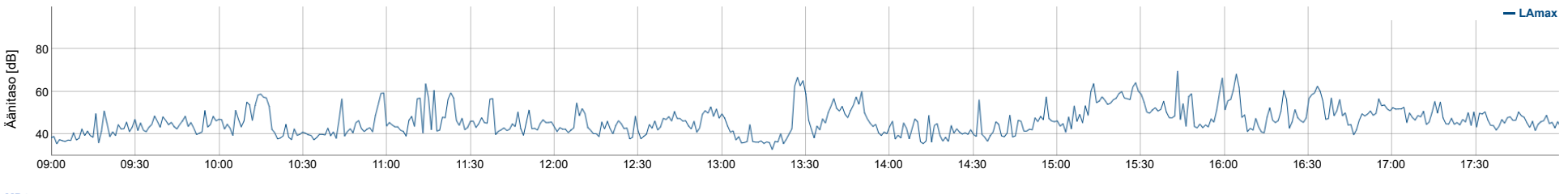
MP1



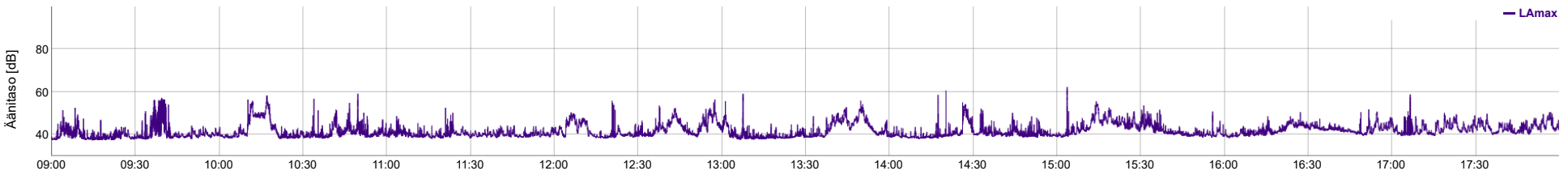
MP2



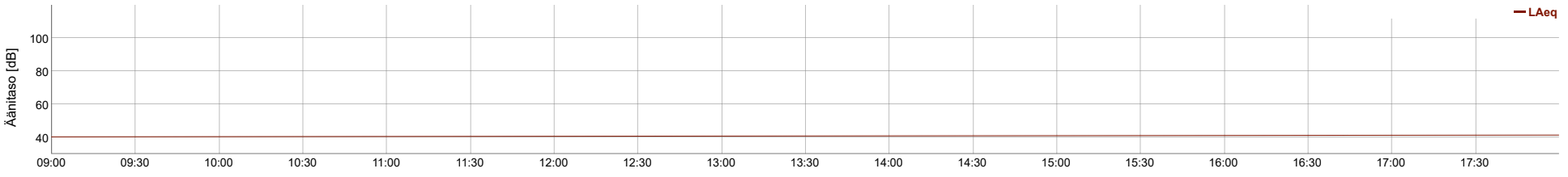
MP3



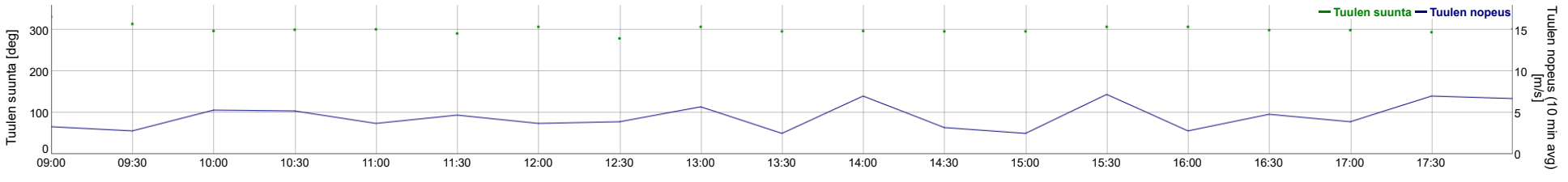
MP4



MP5



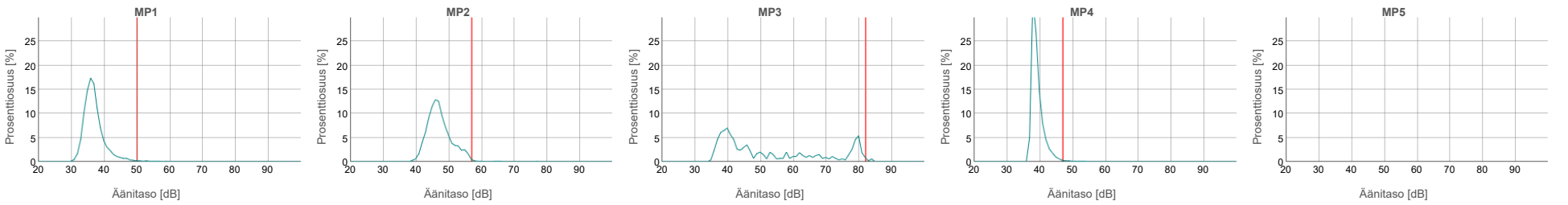
Säähavainnot



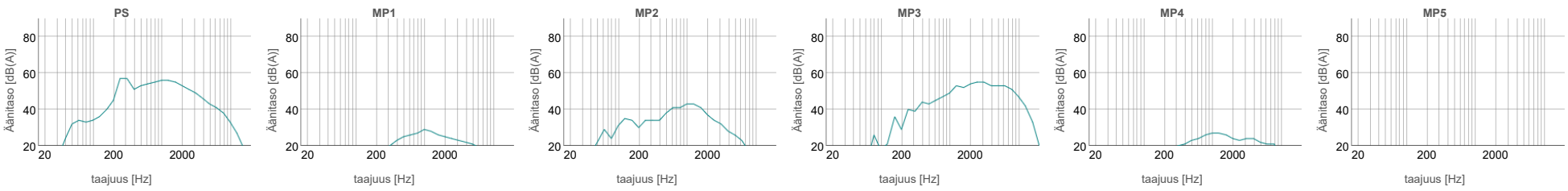
18.07.

0718	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	94	50	57	82	47	-
LAF,5%	89	44	55	80	43	-
LAF,50%	52	37	47	47	39	-
LAF,60dB	34 %	0 %	0 %	33 %	0 %	- %
LAF,65dB	28 %	0 %	0 %	27 %	0 %	- %
LAF,70dB	25 %	0 %	0 %	21 %	0 %	- %
LAeq	65	38	50	64	39	-

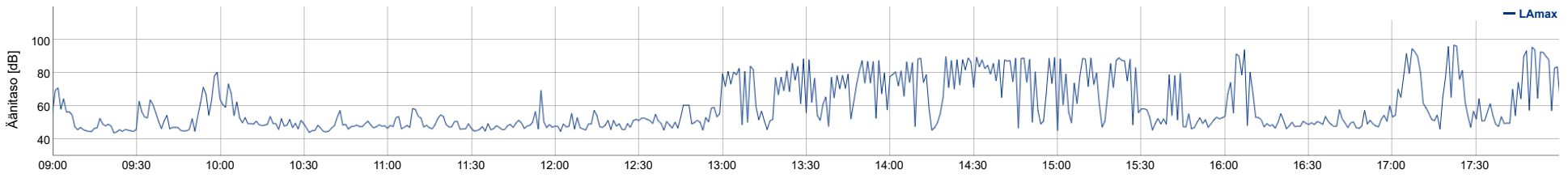
Pysyvyystasot



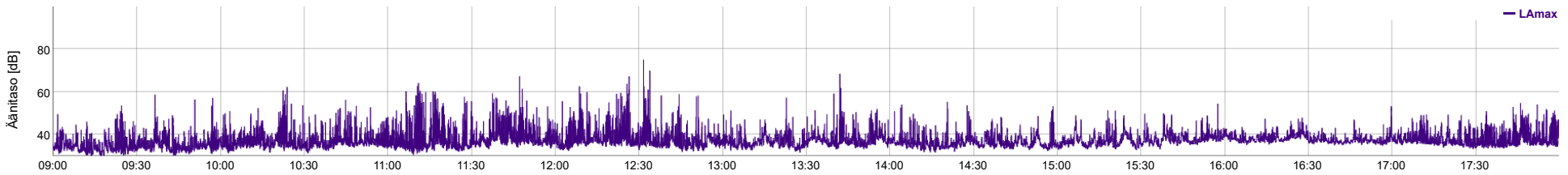
Spektrit



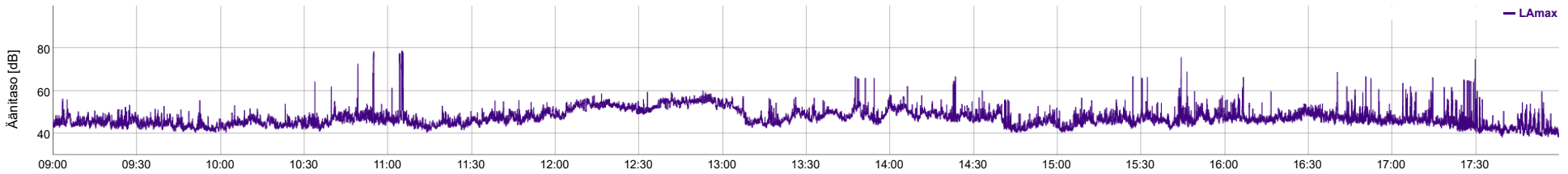
PS



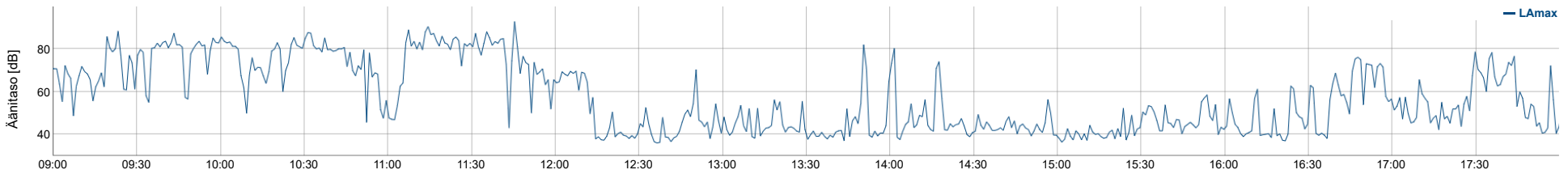
MP1



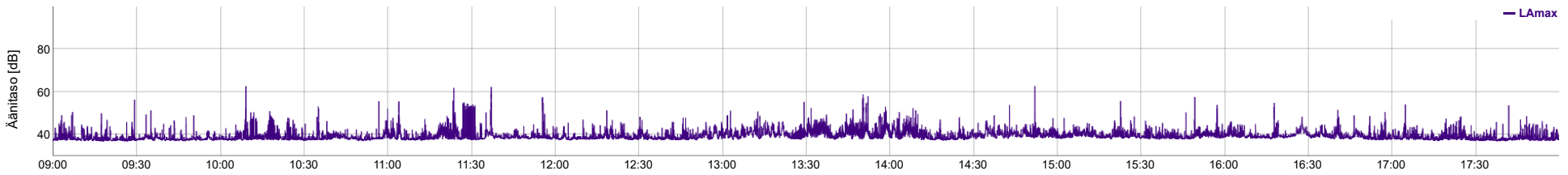
MP2



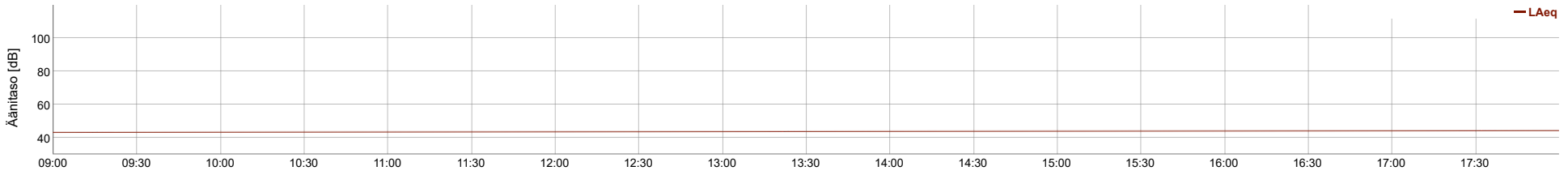
MP3



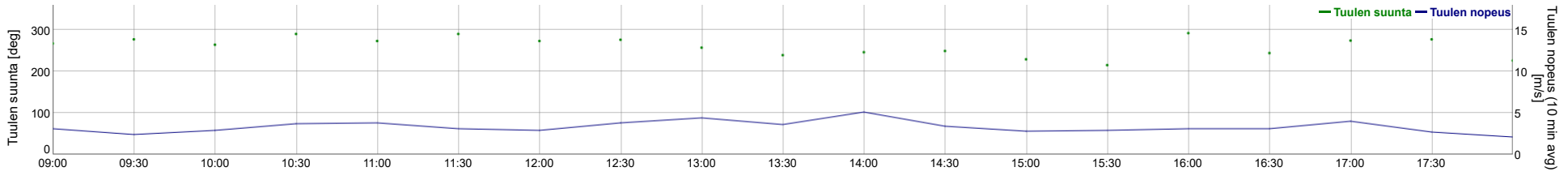
MP4



MP5



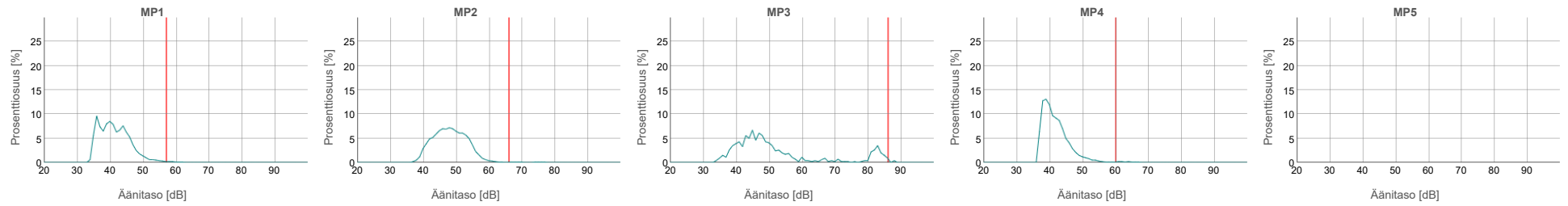
Säähavainnot



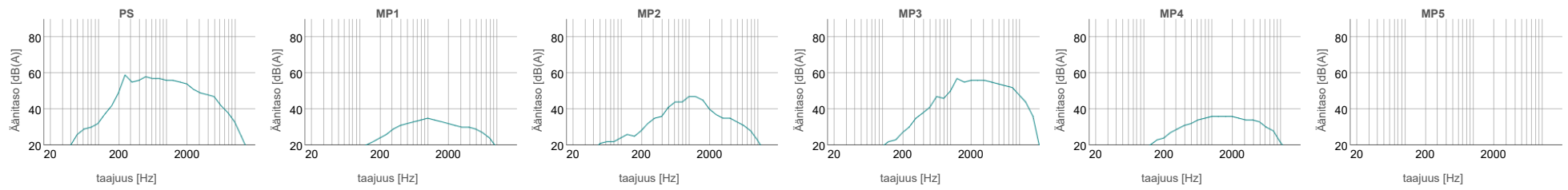
19.07.

0719	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	94	57	66	86	60	-
LAF,5%	93	50	57	83	50	-
LAF,50%	57	41	48	48	41	-
LAF,60dB	40 %	0 %	1 %	19 %	1 %	- %
LAF,65dB	34 %	0 %	1 %	17 %	0 %	- %
LAF,70dB	29 %	0 %	0 %	15 %	0 %	- %
LAeq	67	45	53	66	46	-

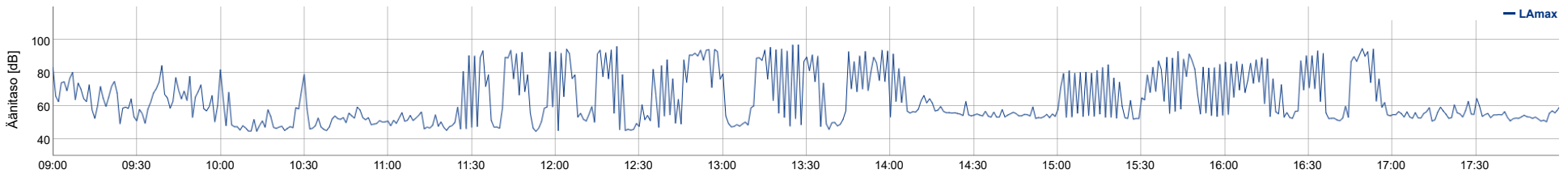
Pysyvyystasot



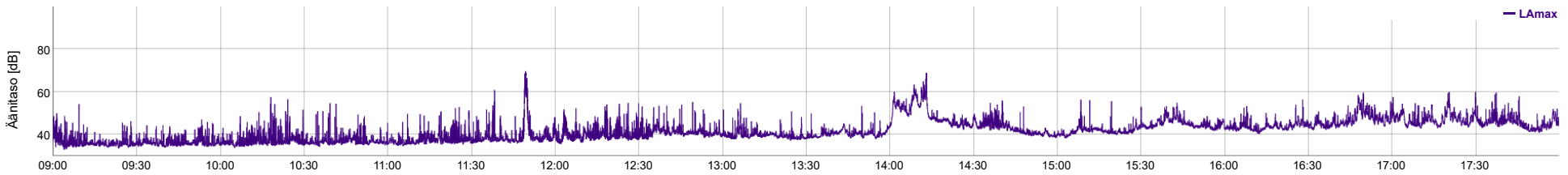
Spektrit



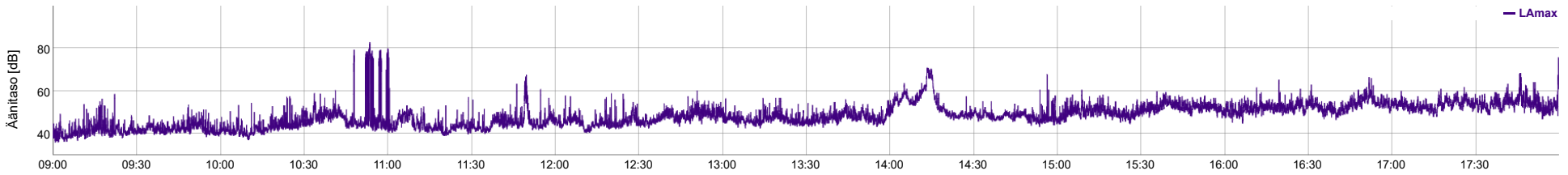
PS



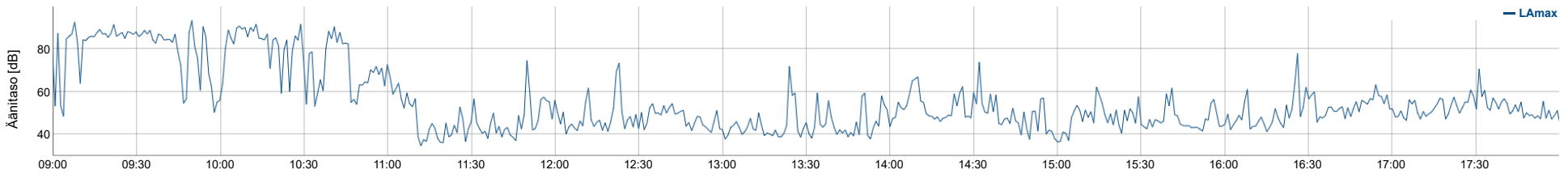
MP1



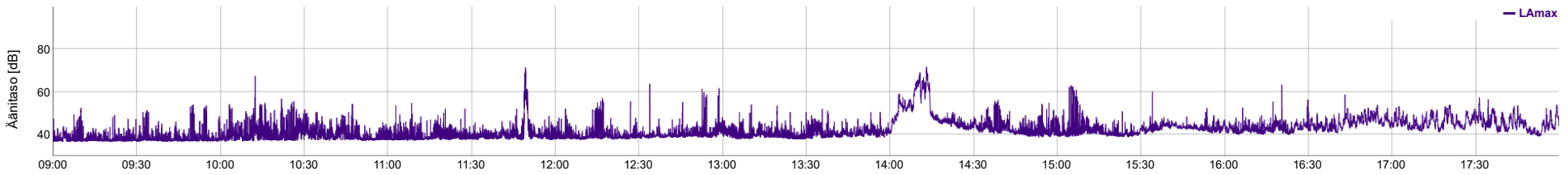
MP2



MP3



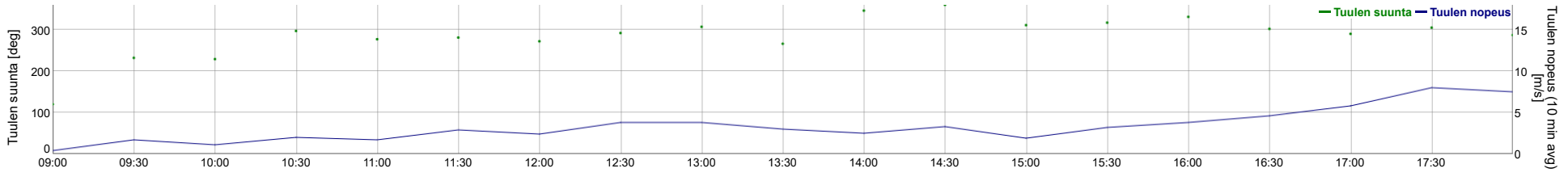
MP4



MP5



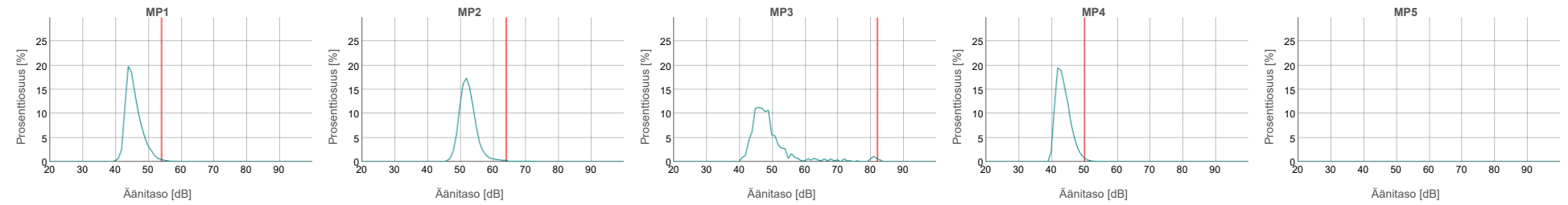
Säähavainnot



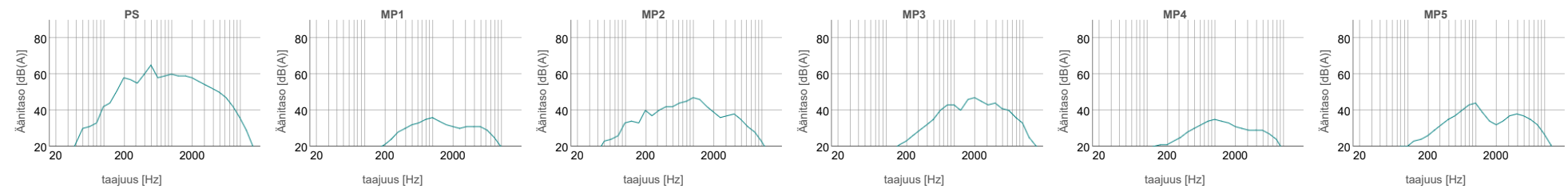
20.07.

0720	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	99	54	64	82	50	-
LAF,5%	97	51	58	67	48	-
LAF,50%	75	45	52	48	43	-
LAF,60dB	62 %	0 %	2 %	7 %	0 %	- %
LAF,65dB	58 %	0 %	0 %	5 %	0 %	- %
LAF,70dB	53 %	0 %	0 %	3 %	0 %	- %
LAeq	70	46	54	52	44	50

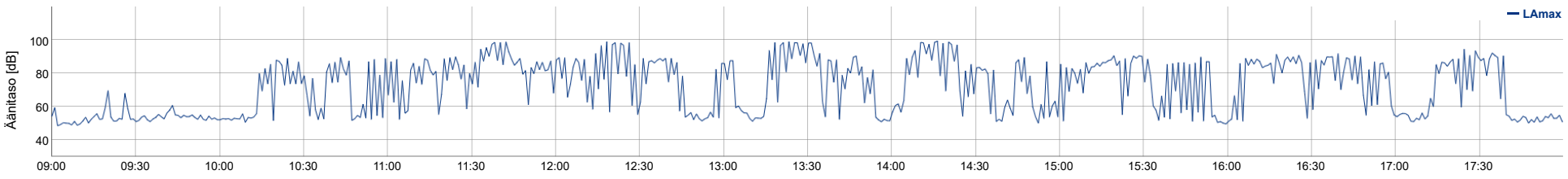
Pysyvyystasot



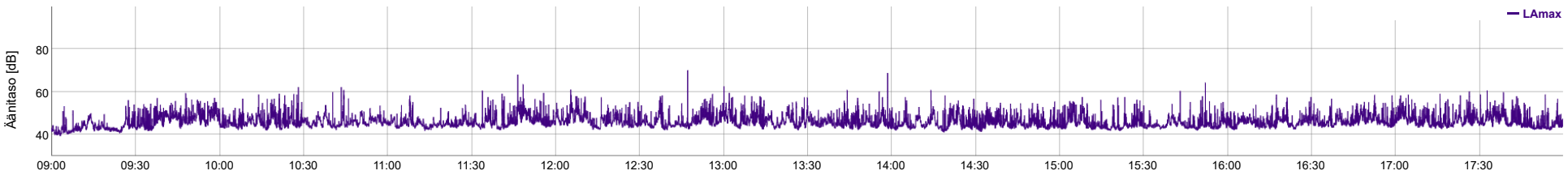
Spektrit



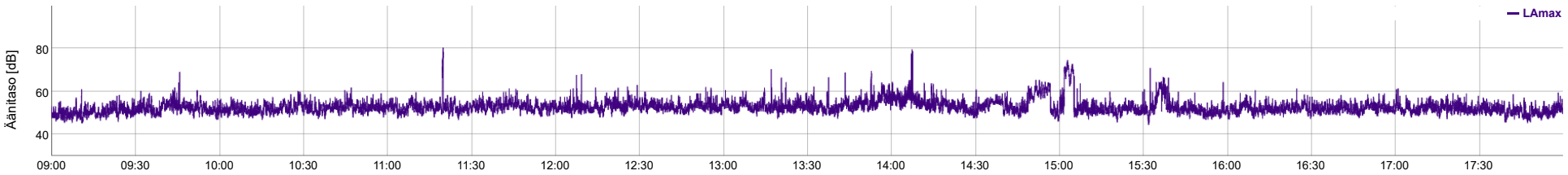
PS



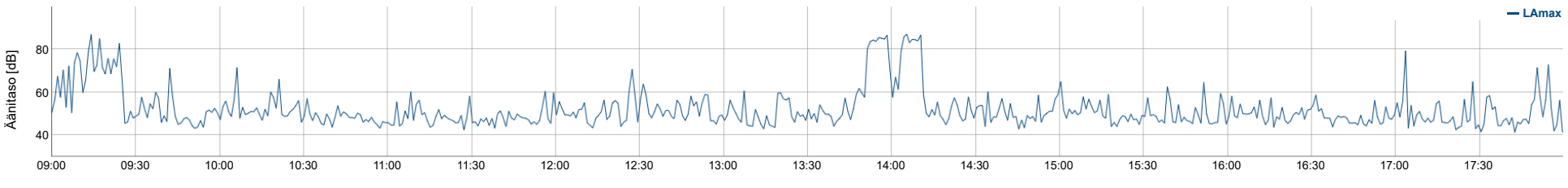
MP1



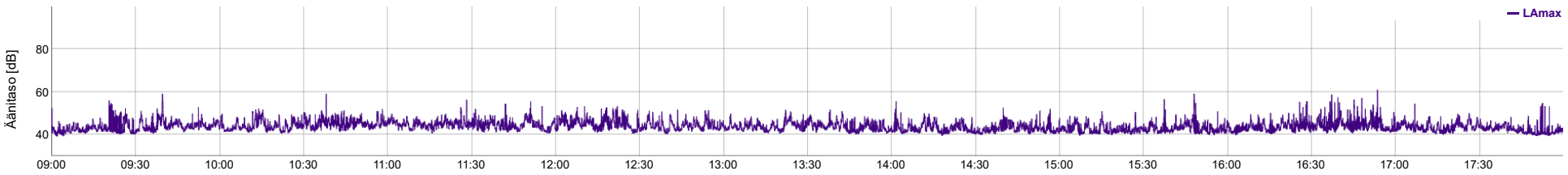
MP2



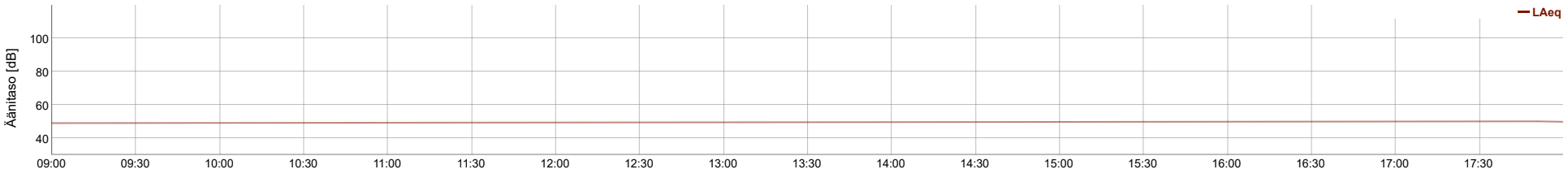
MP3



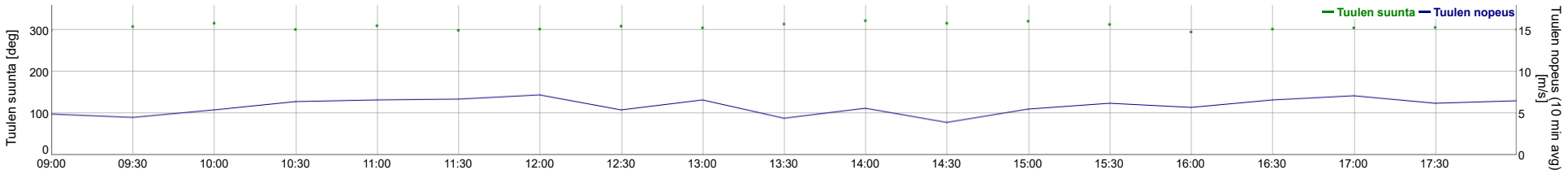
MP4



MP5



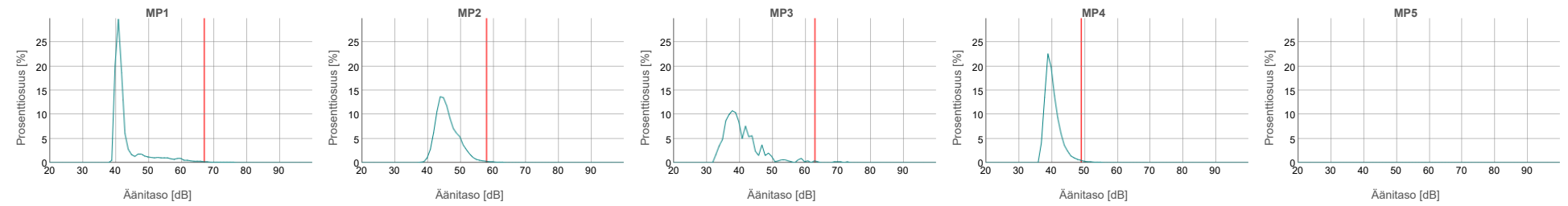
Säähavainnot



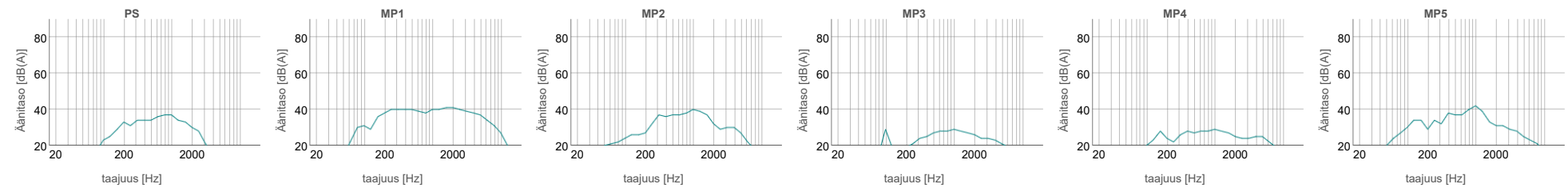
21.07.

0721	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	96	67	58	63	49	-
LAF,5%	89	59	53	52	45	-
LAF,50%	76	41	46	39	40	-
LAF,60dB	63 %	3 %	0 %	1 %	0 %	- %
LAF,65dB	61 %	1 %	0 %	0 %	0 %	- %
LAF,70dB	57 %	0 %	0 %	0 %	0 %	- %
LAeq	69	53	47	40	40	48

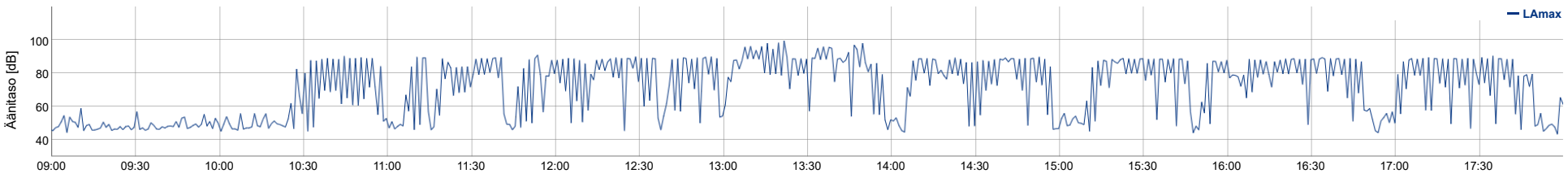
Pysyvyystasot



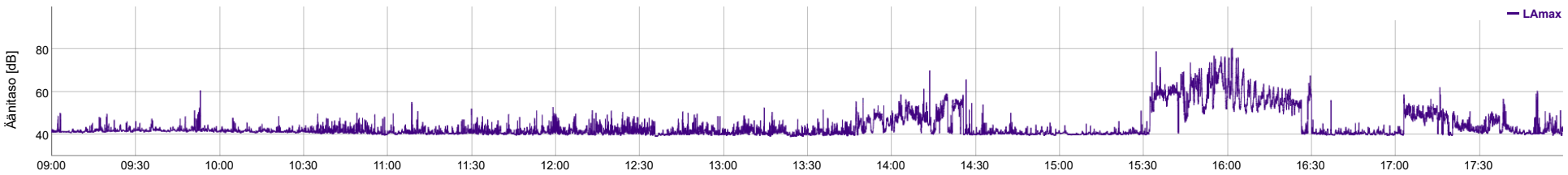
Spektrit



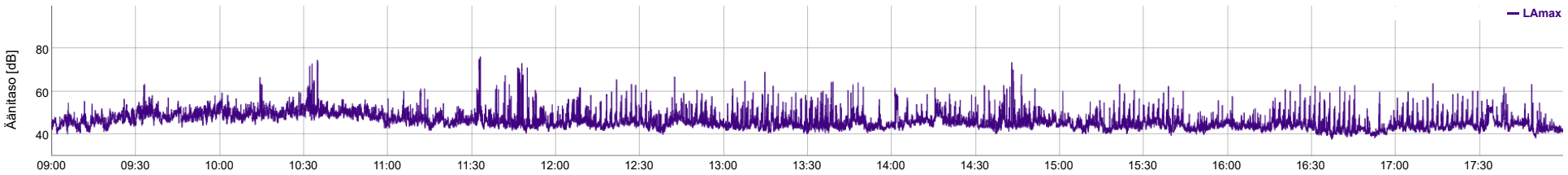
PS



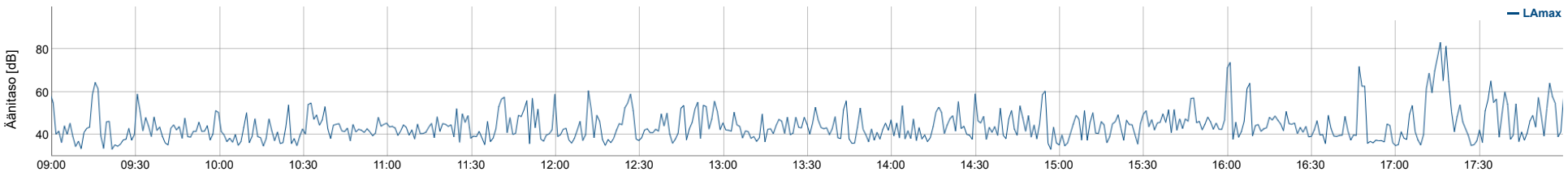
MP1



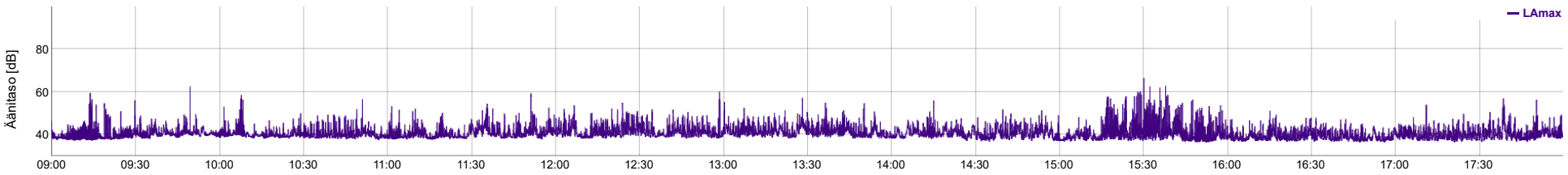
MP2



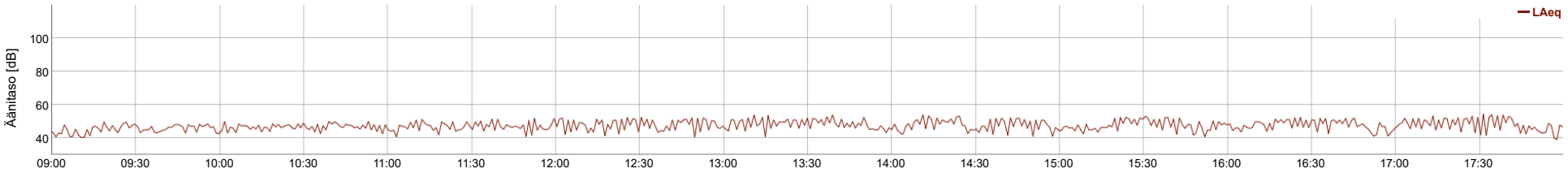
MP3



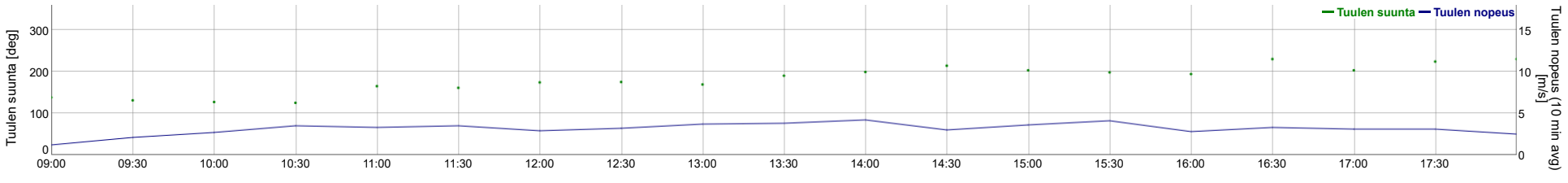
MP4



MP5



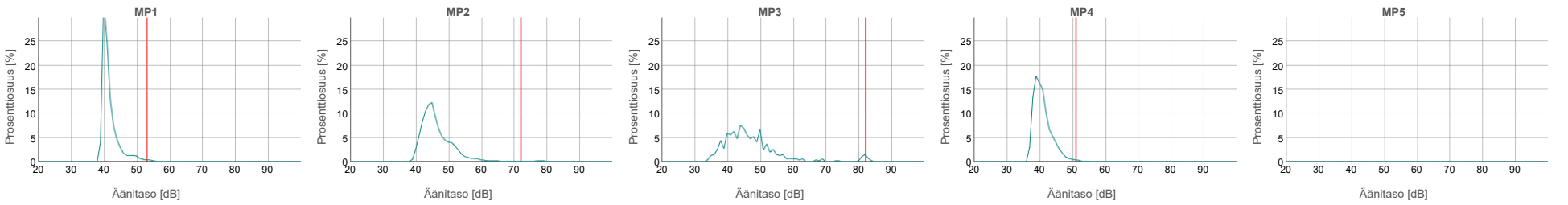
Säähavainnot



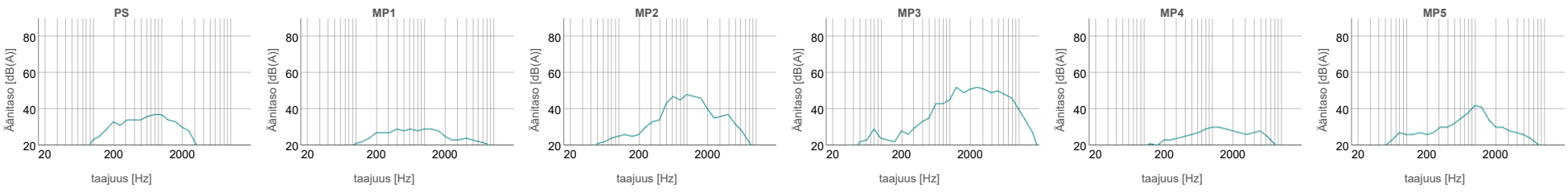
22.07.

0722	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	95	53	72	82	51	-
LAF,5%	88	48	57	67	47	-
LAF,50%	50	41	45	45	40	-
LAF,60dB	24 %	0 %	2 %	6 %	0 %	- %
LAF,65dB	20 %	0 %	1 %	5 %	0 %	- %
LAF,70dB	18 %	0 %	1 %	3 %	0 %	- %
LAeq	65	42	54	60	41	47

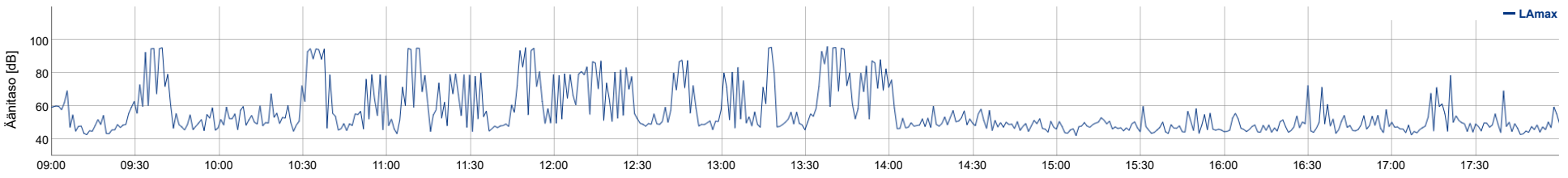
Pysyvyystasot



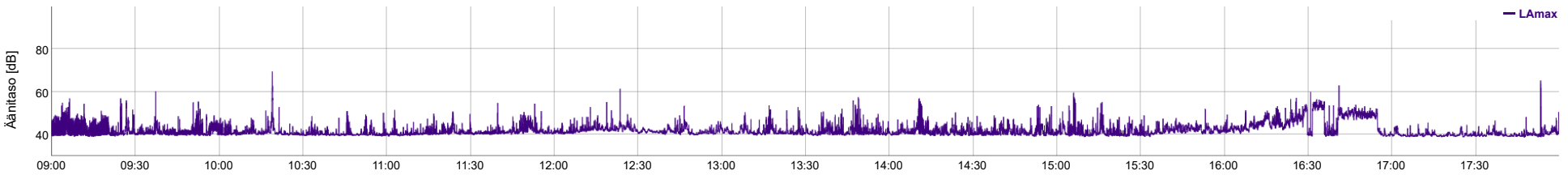
Spektrit



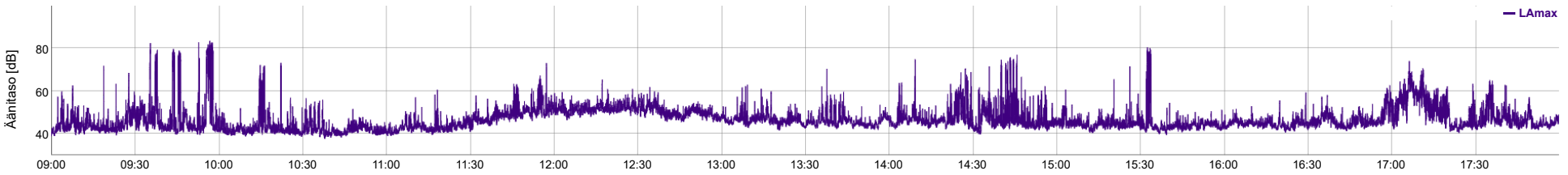
PS



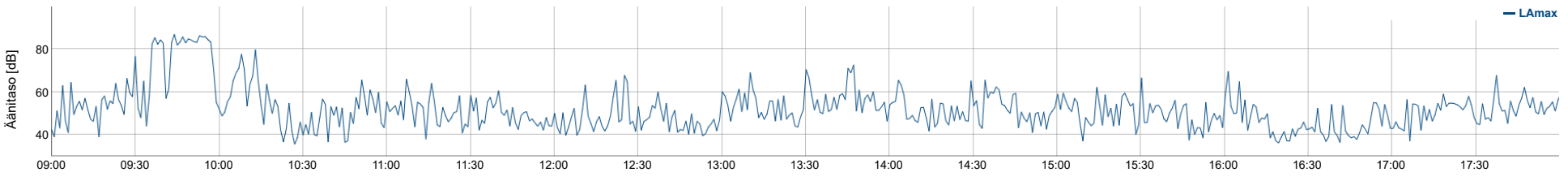
MP1



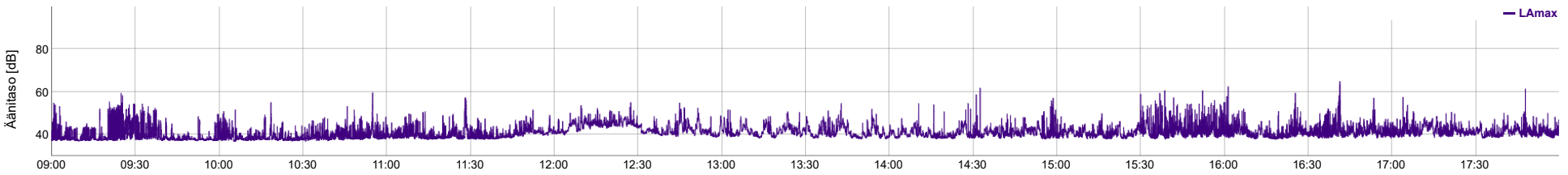
MP2



MP3



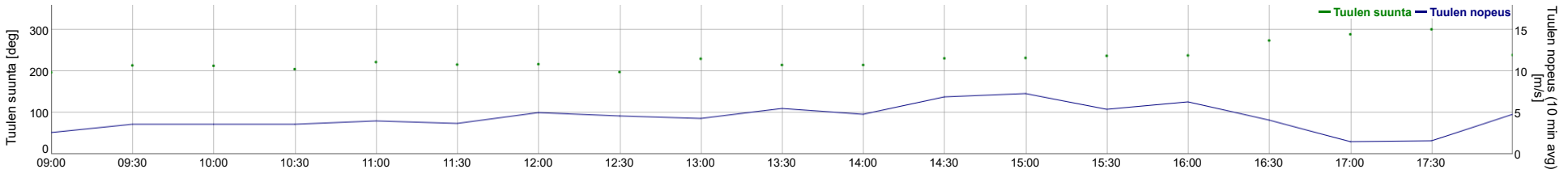
MP4



MP5



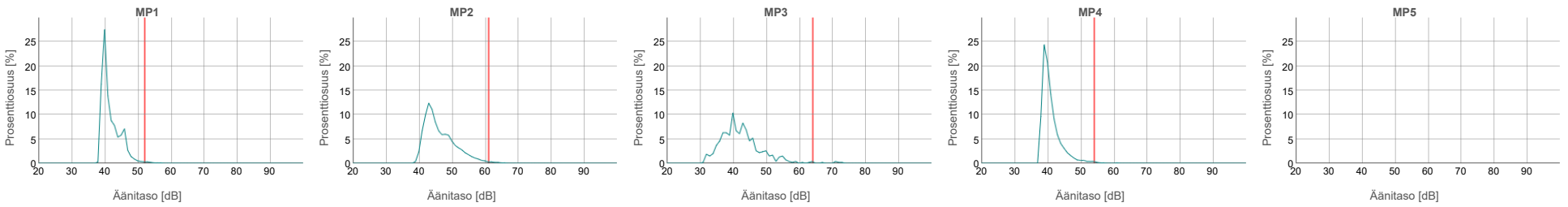
Säähavainnot



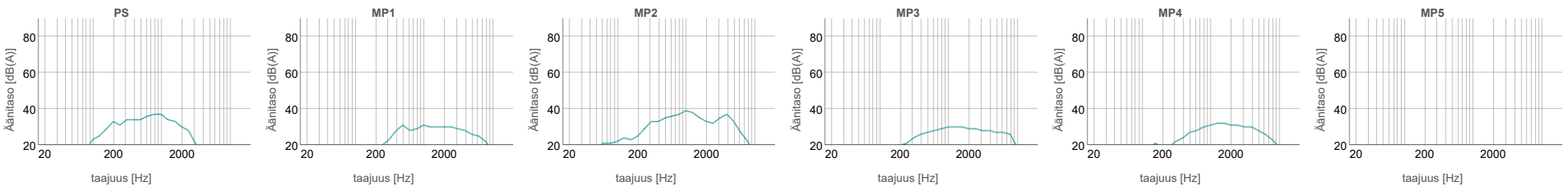
23.07.

0723	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	90	52	61	64	54	-
LAF,5%	88	47	56	54	47	-
LAF,50%	52	41	45	42	40	-
LAF,60dB	33 %	0 %	1 %	1 %	0 %	- %
LAF,65dB	30 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	28 %	0 %	0 %	0 %	0 %	- %
LAeq	65	42	47	42	42	-

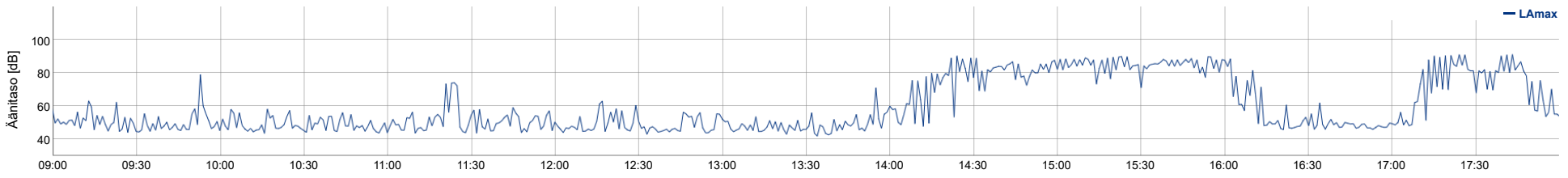
Pysyvyystasot



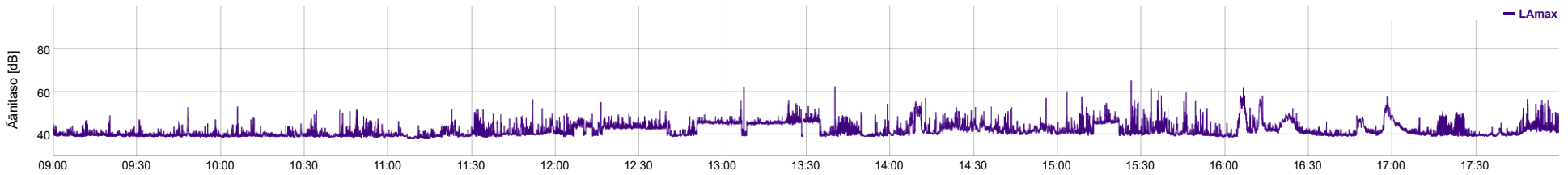
Spektrit



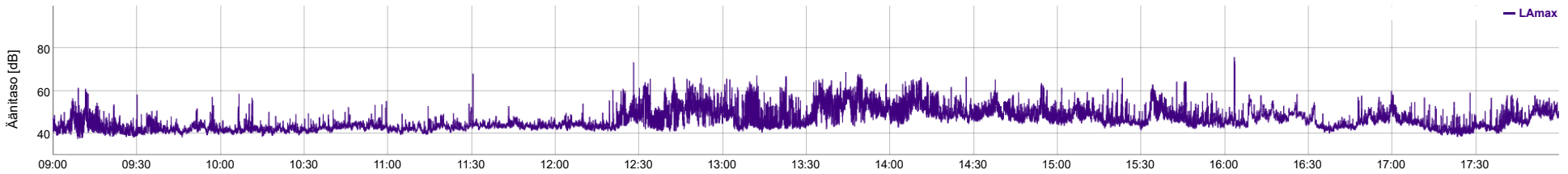
PS



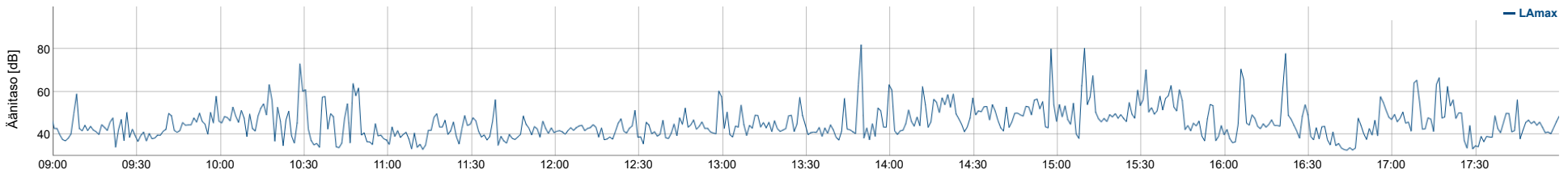
MP1



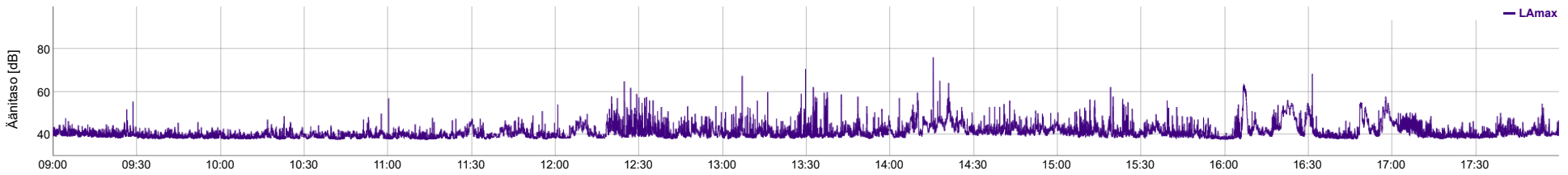
MP2



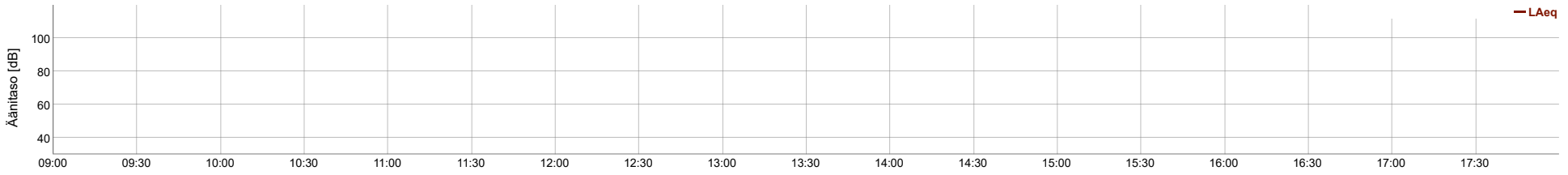
MP3



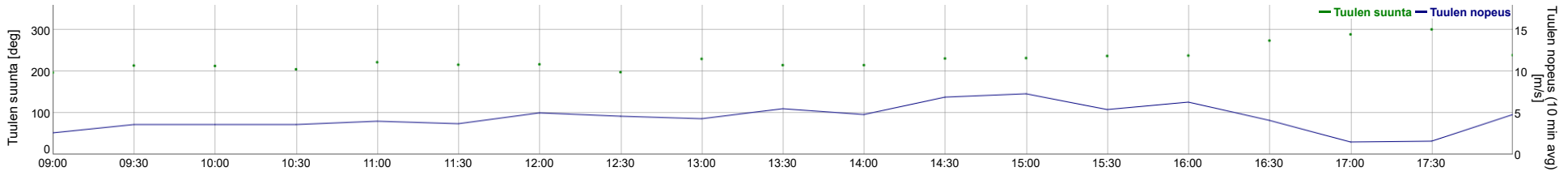
MP4



MP5



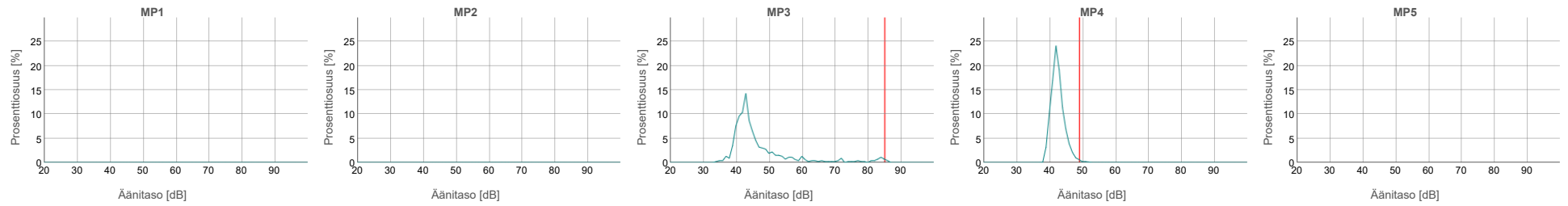
Säähavainnot



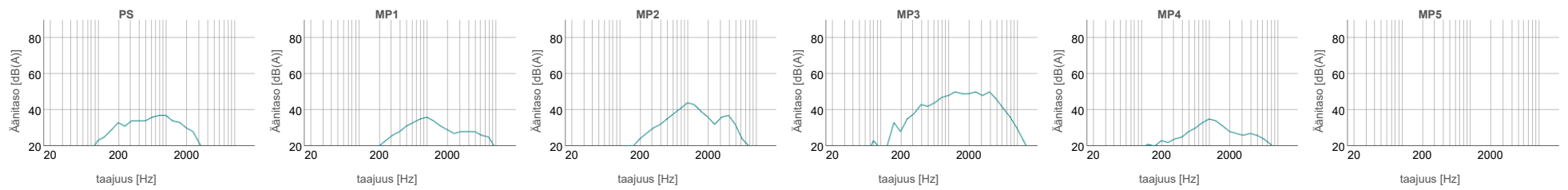
24.07.

0724	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	68	-	-	85	49	-
LAF,5%	61	-	-	72	46	-
LAF,50%	52	-	-	44	42	-
LAF,60dB	6 %	- %	- %	10 %	0 %	- %
LAF,65dB	2 %	- %	- %	7 %	0 %	- %
LAF,70dB	0 %	- %	- %	6 %	0 %	- %
LAeq	50	-	-	56	42	-

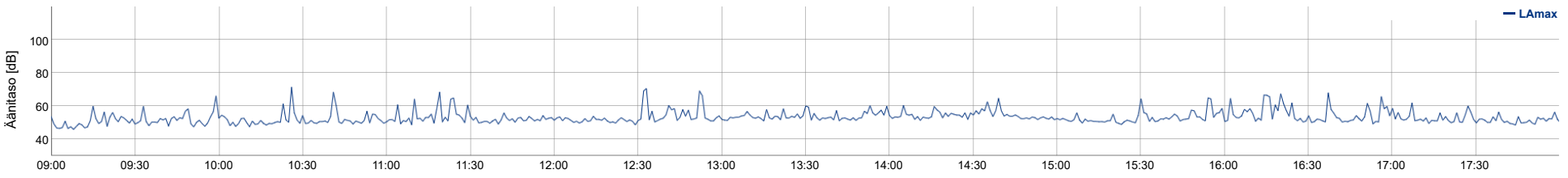
Pysyvyystasot



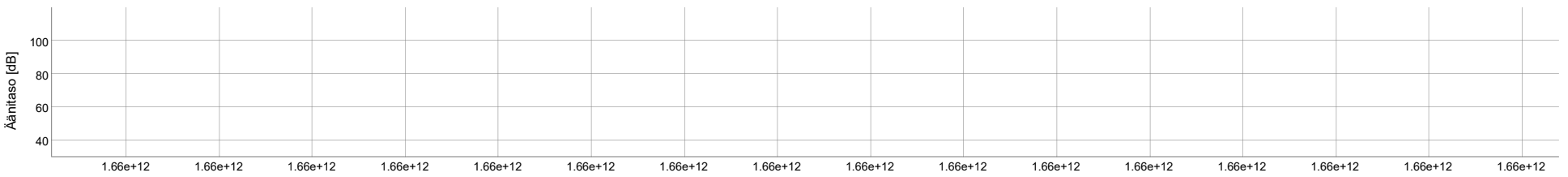
Spektrit



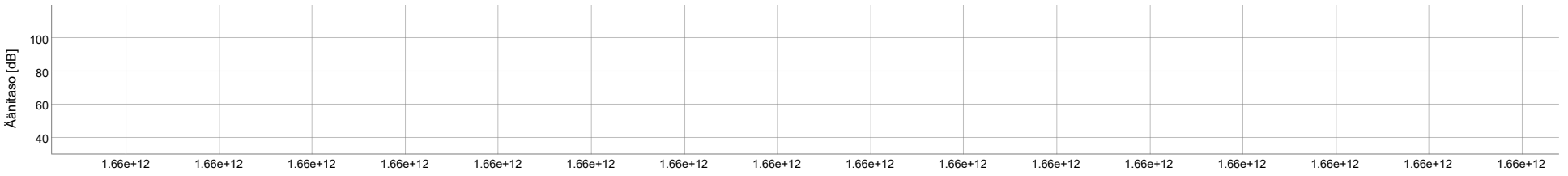
PS



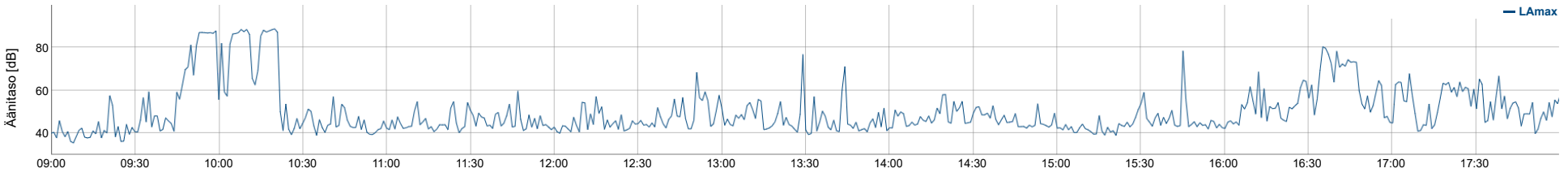
MP1



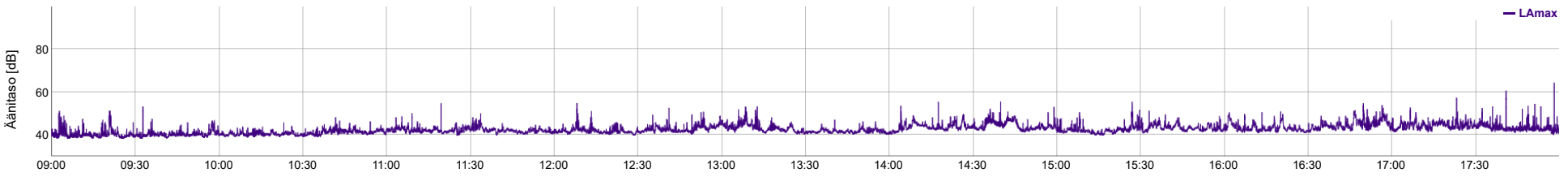
MP2



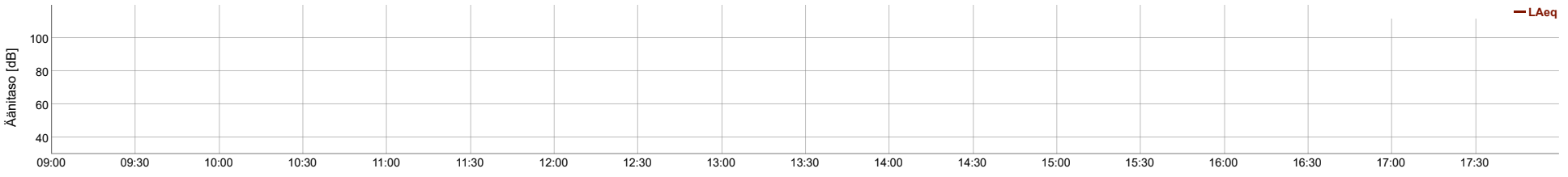
MP3



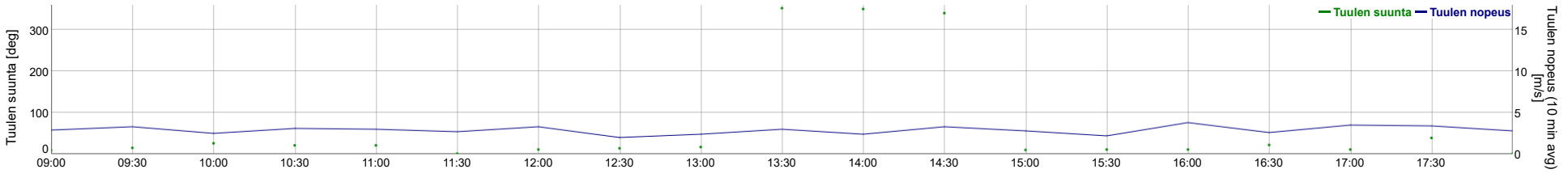
MP4



MP5



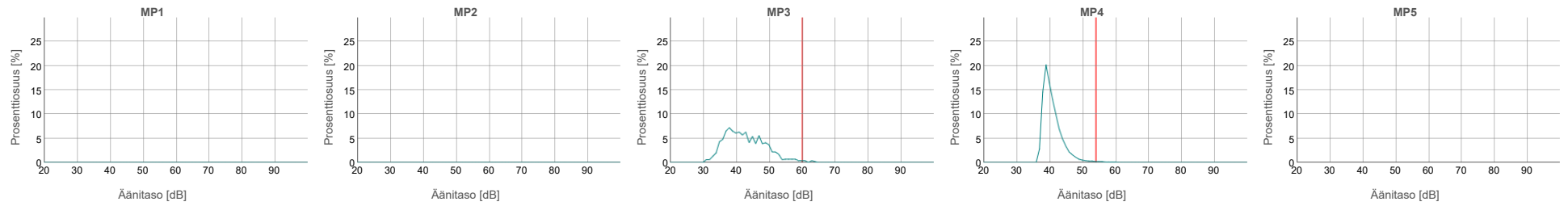
Säähavainnot



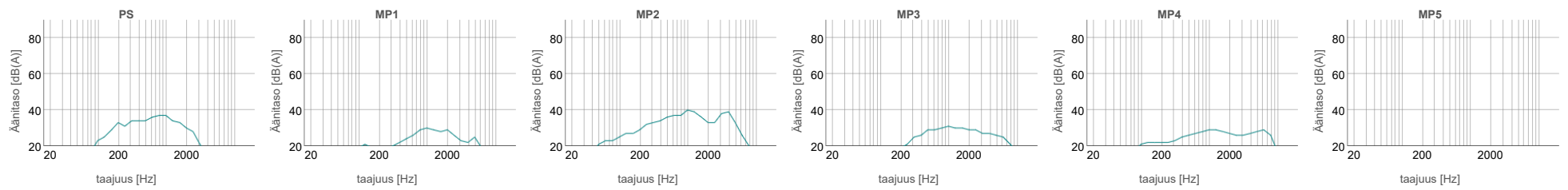
25.07.

0725	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	94	-	-	60	54	-
LAF,5%	91	-	-	54	47	-
LAF,50%	49	-	-	42	40	-
LAF,60dB	23 %	- %	- %	1 %	0 %	- %
LAF,65dB	21 %	- %	- %	0 %	0 %	- %
LAF,70dB	20 %	- %	- %	0 %	0 %	- %
LAeq	69	-	-	40	42	-

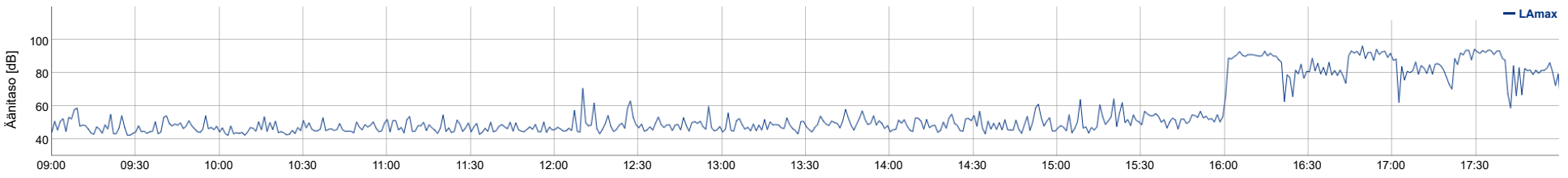
Pysyvyystasot



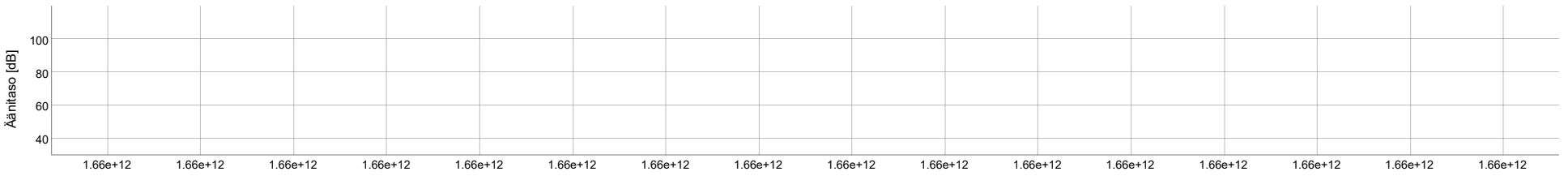
Spektrit



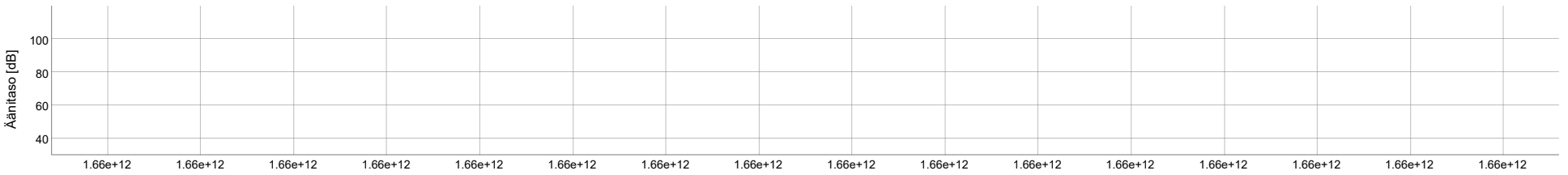
PS



MP1

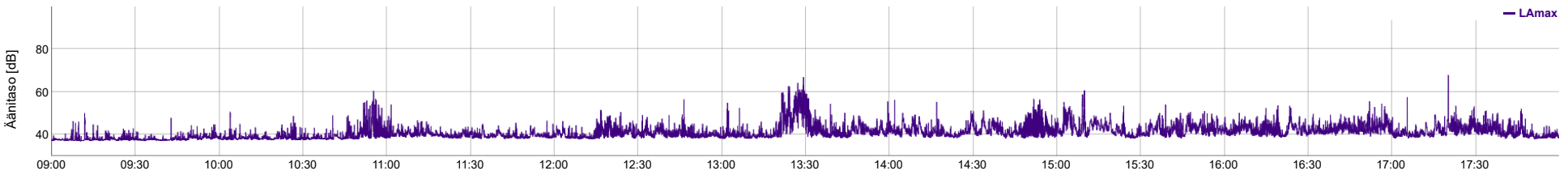


MP2

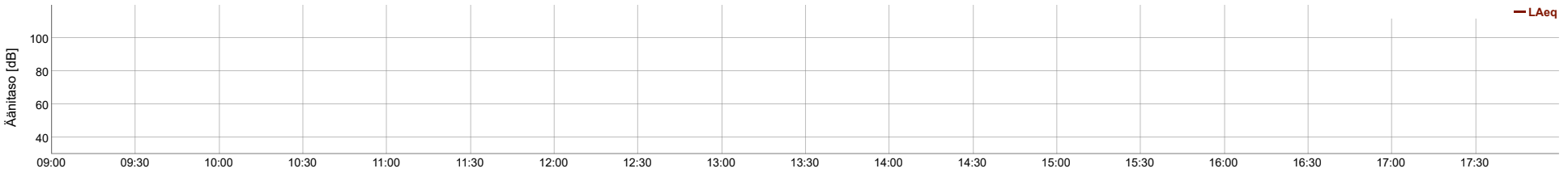


MP3

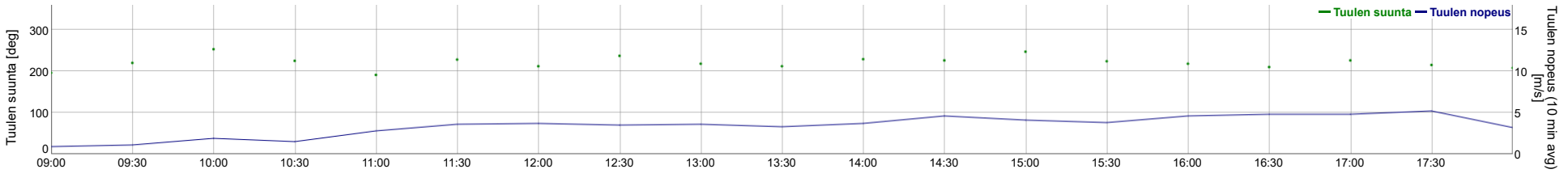
MP4



MP5



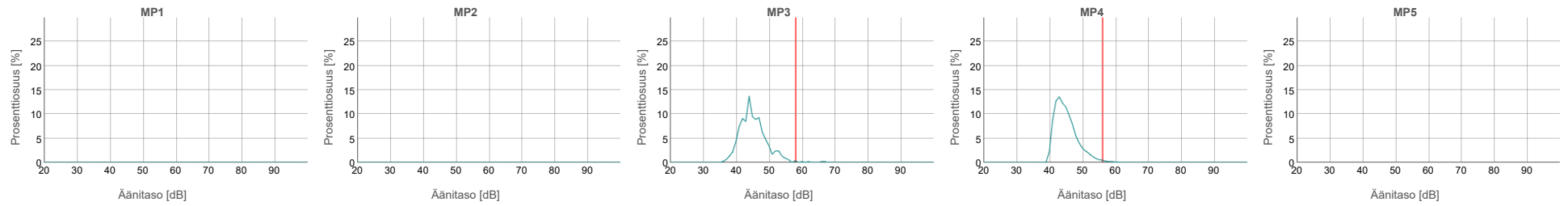
Säähavainnot



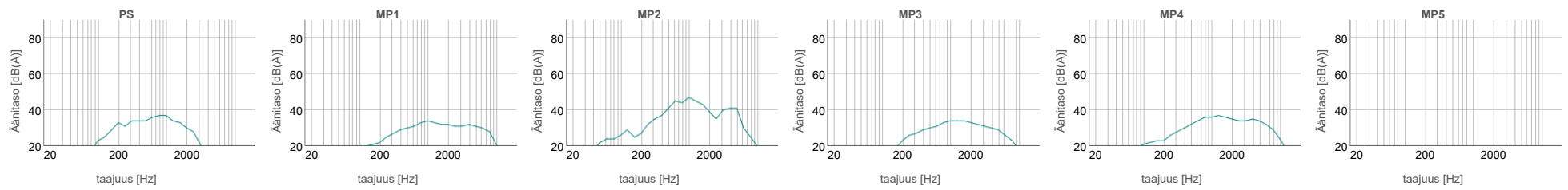
26.07.

0726	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	83	-	-	58	56	-
LAF,5%	81	-	-	53	52	-
LAF,50%	53	-	-	45	45	-
LAF,60dB	9 %	- %	- %	0 %	0 %	- %
LAF,65dB	7 %	- %	- %	0 %	0 %	- %
LAF,70dB	6 %	- %	- %	0 %	0 %	- %
LAeq	55	-	-	43	46	-

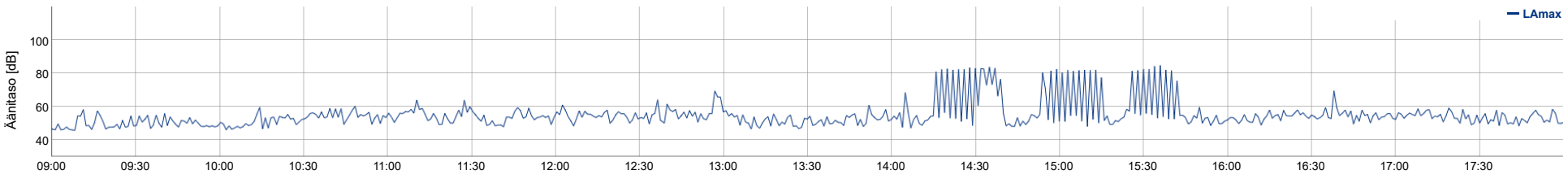
Pysyvyystasot



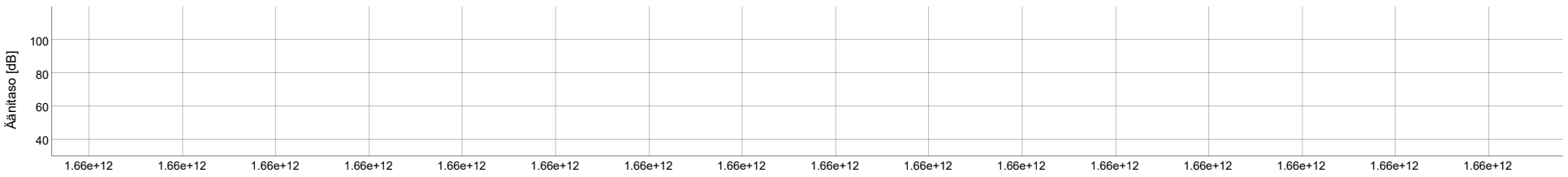
Spektrit



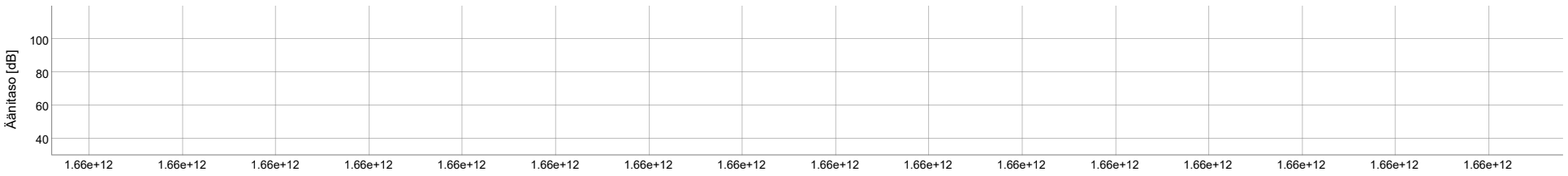
PS



MP1

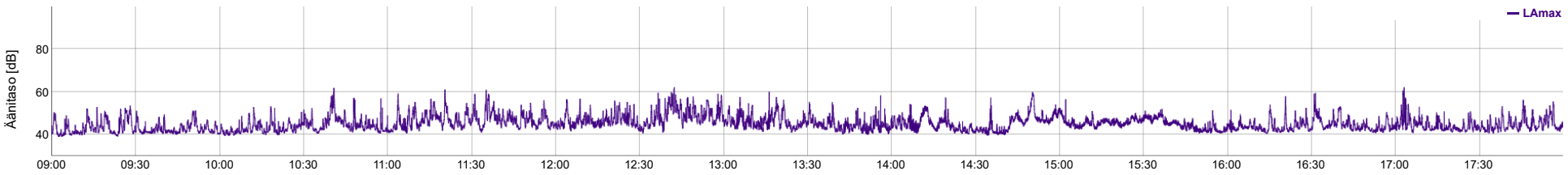


MP2

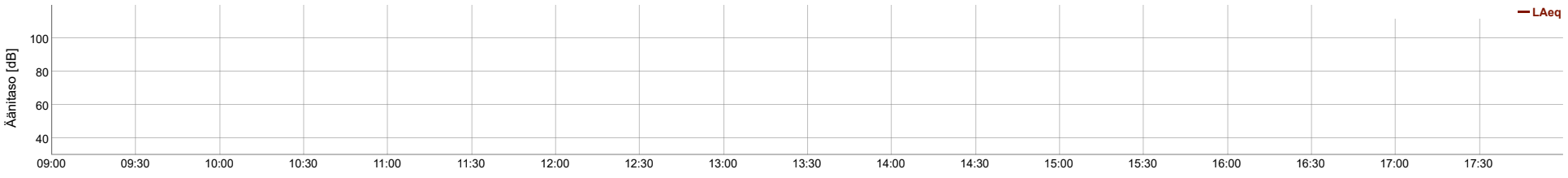


MP3

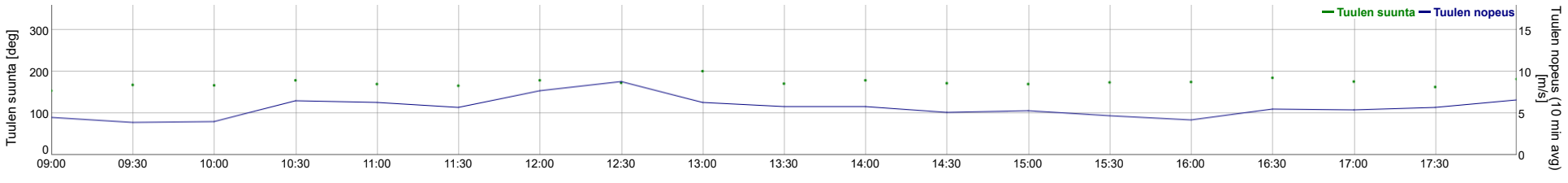
MP4



MP5



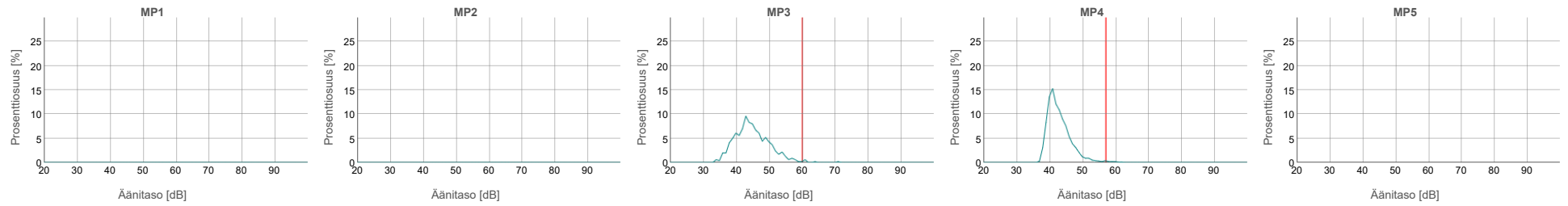
Säähavainnot



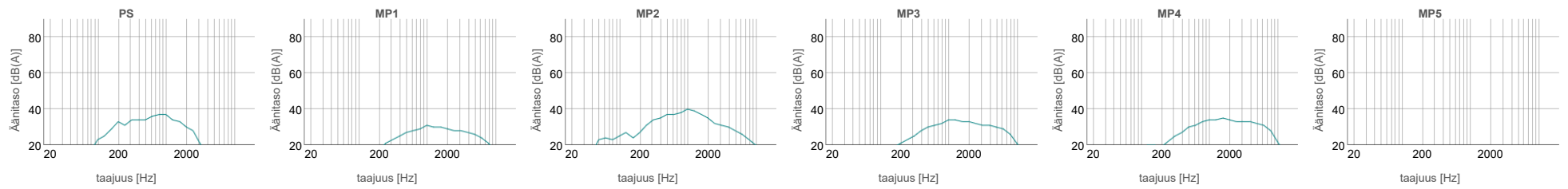
27.07.

0727	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	94	-	-	60	57	-
LAF,5%	89	-	-	54	50	-
LAF,50%	53	-	-	44	42	-
LAF,60dB	32 %	- %	- %	1 %	0 %	- %
LAF,65dB	29 %	- %	- %	0 %	0 %	- %
LAF,70dB	26 %	- %	- %	0 %	0 %	- %
LAeq	65	-	-	44	45	-

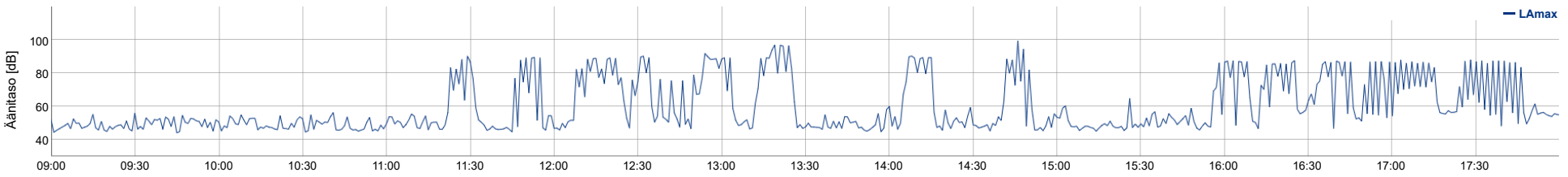
Pysyvyystasot



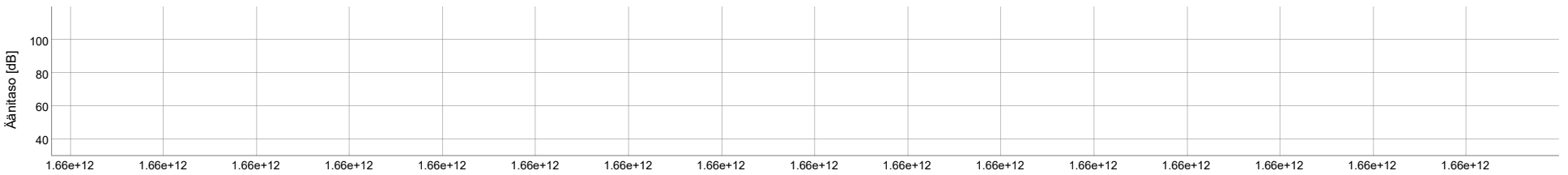
Spektrit



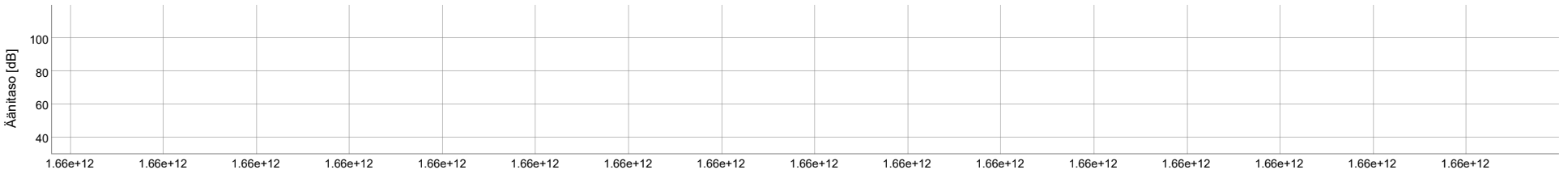
PS



MP1

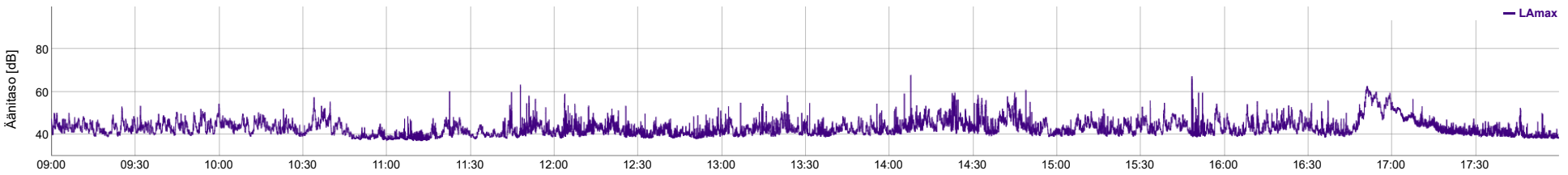


MP2

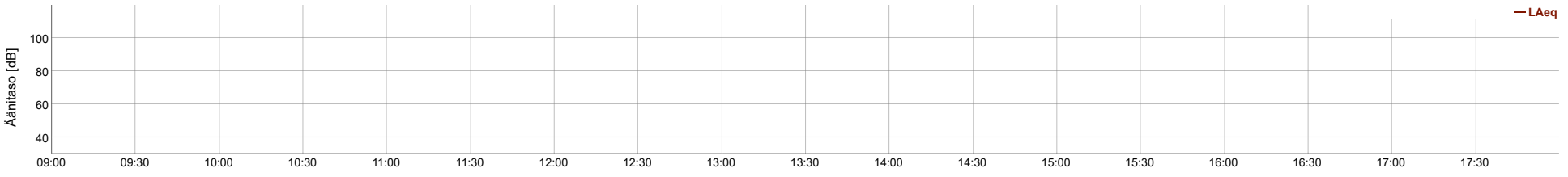


MP3

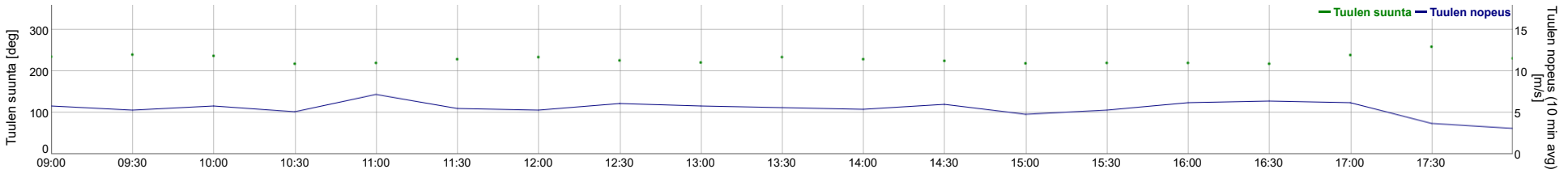
MP4



MP5



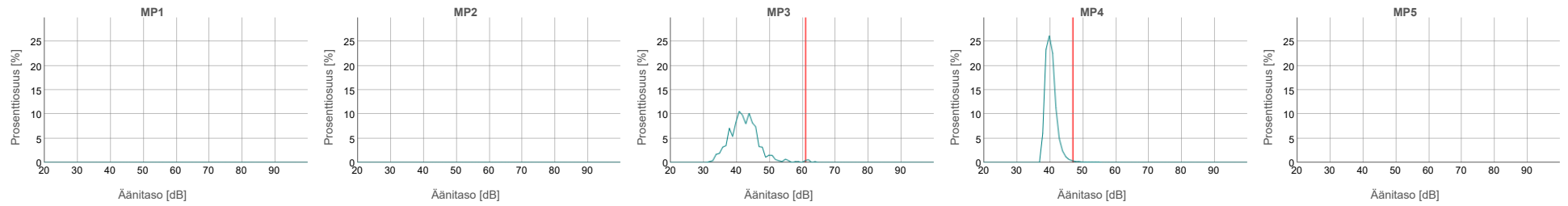
Säähavainnot



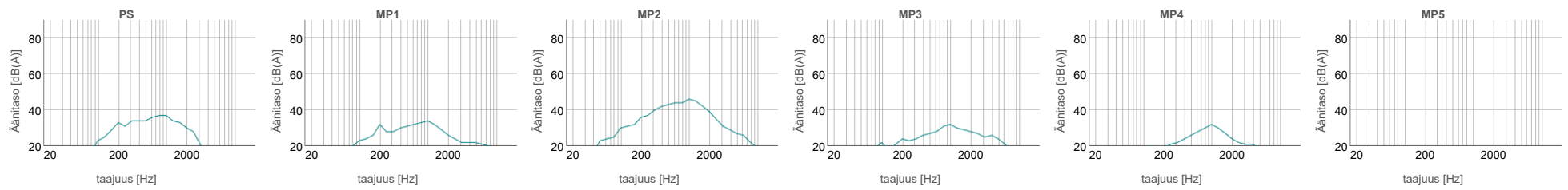
28.07.

0728	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	99	-	-	61	47	-
LAF,5%	94	-	-	51	44	-
LAF,50%	53	-	-	42	40	-
LAF,60dB	31 %	- %	- %	1 %	0 %	- %
LAF,65dB	29 %	- %	- %	0 %	0 %	- %
LAF,70dB	26 %	- %	- %	0 %	0 %	- %
LAeq	70	-	-	40	40	-

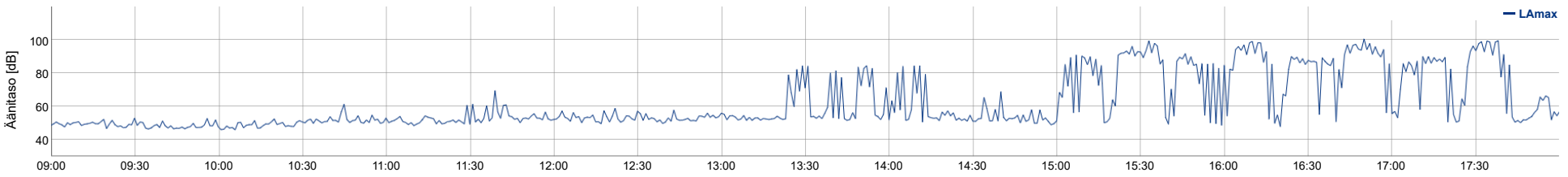
Pysyvyystasot



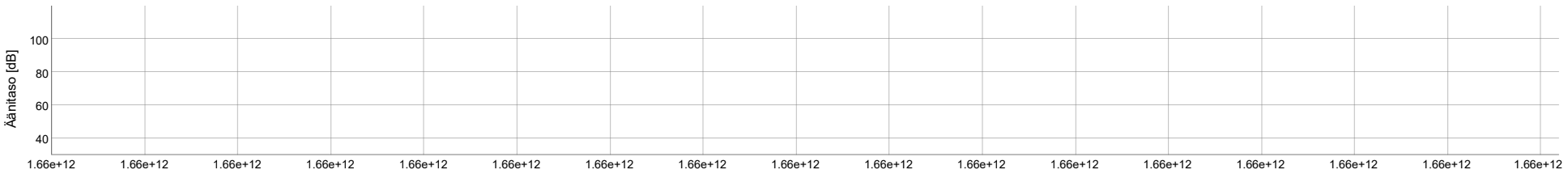
Spektrit



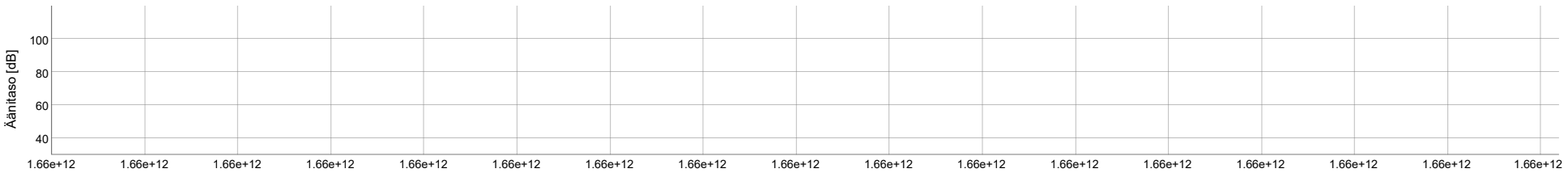
PS



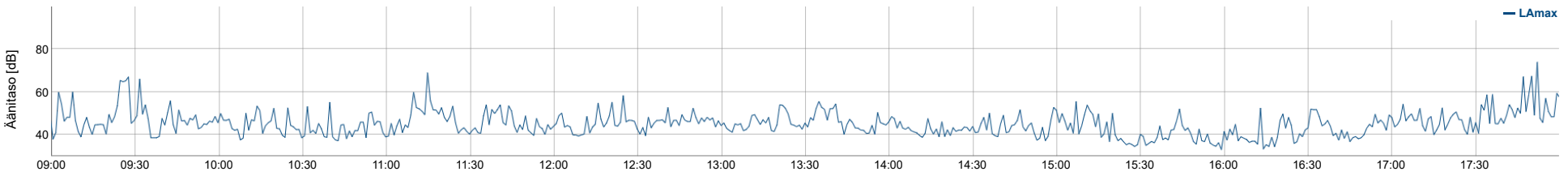
MP1



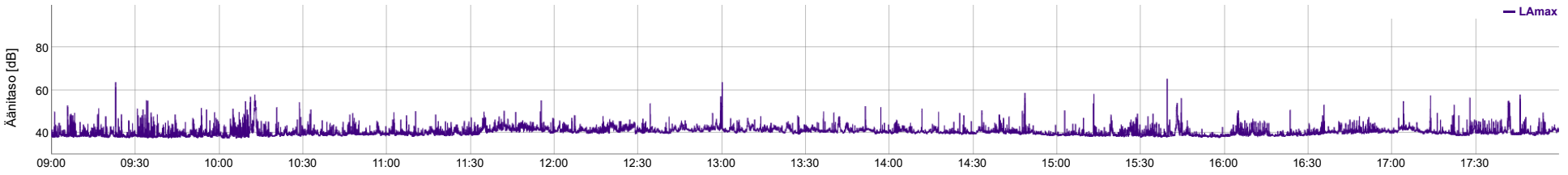
MP2



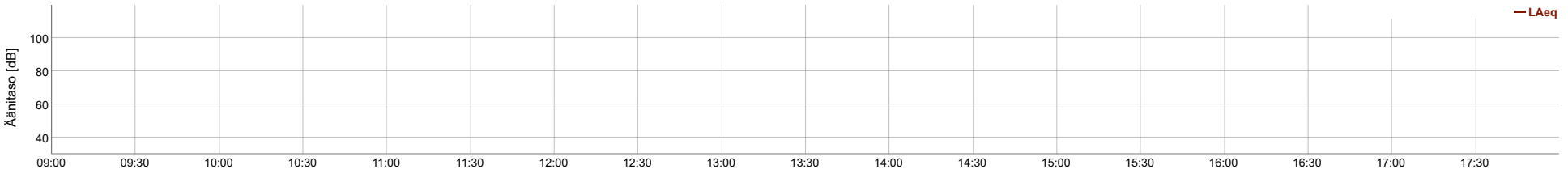
MP3



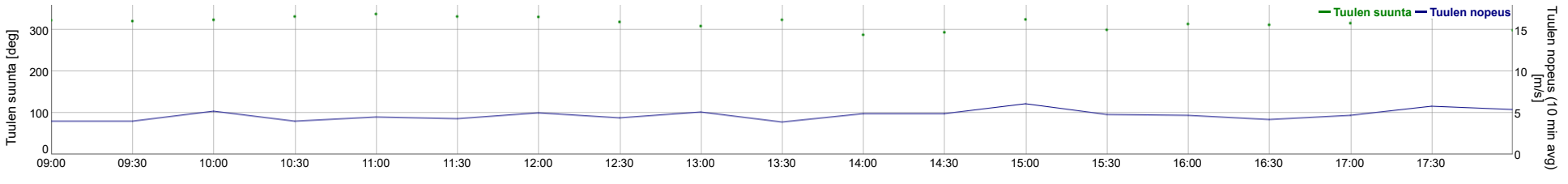
MP4



MP5



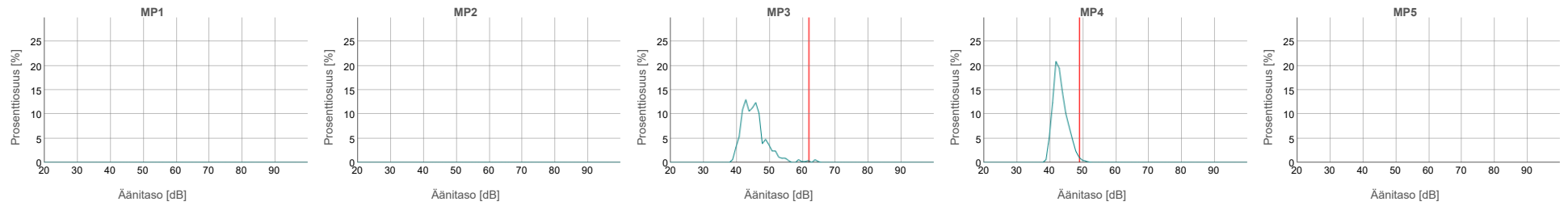
Säähavainnot



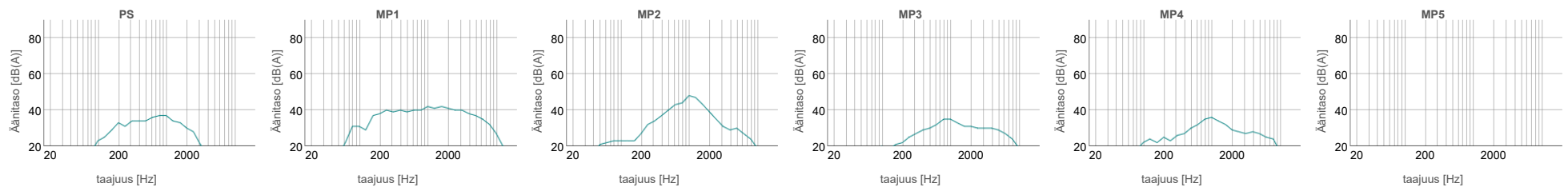
29.07.

0729	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	88	-	-	62	49	-
LAF,5%	85	-	-	53	47	-
LAF,50%	59	-	-	45	43	-
LAF,60dB	48 %	- %	- %	1 %	0 %	- %
LAF,65dB	42 %	- %	- %	0 %	0 %	- %
LAF,70dB	34 %	- %	- %	0 %	0 %	- %
LAeq	62	-	-	43	43	-

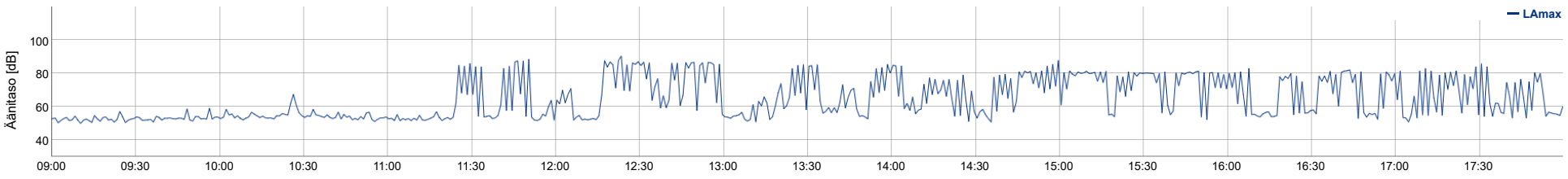
Pysyvyystasot



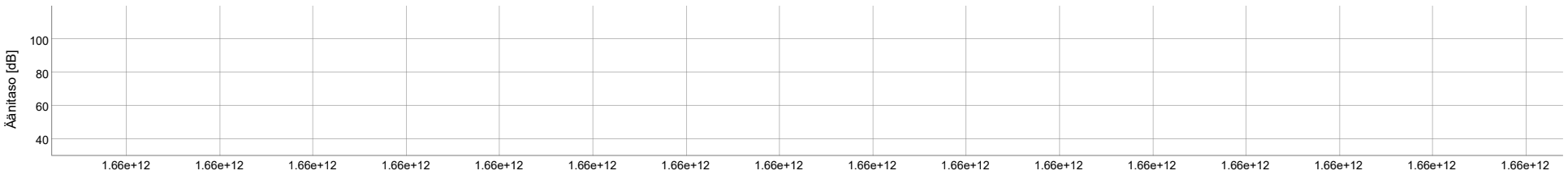
Spektrit



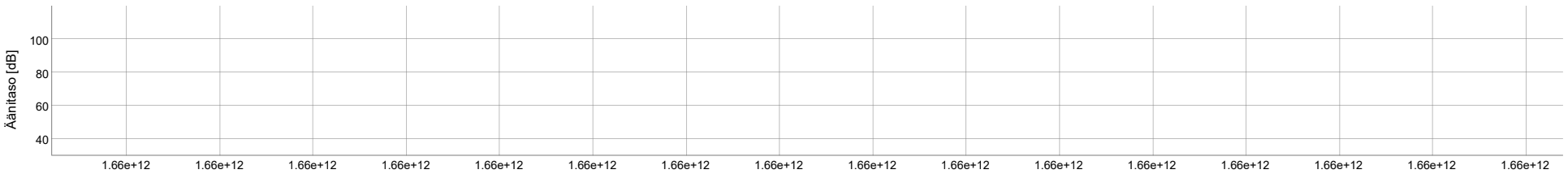
PS



MP1

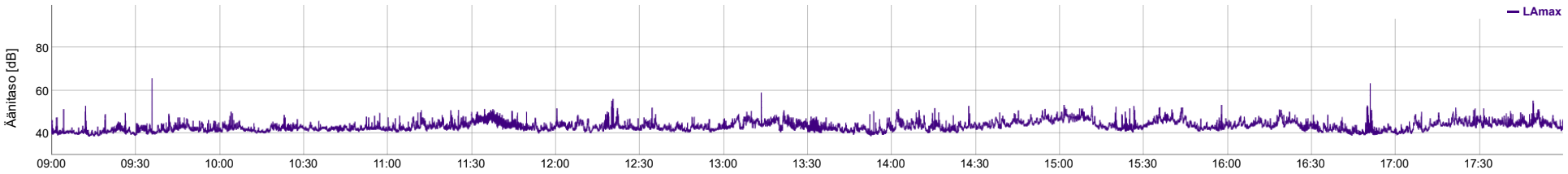


MP2

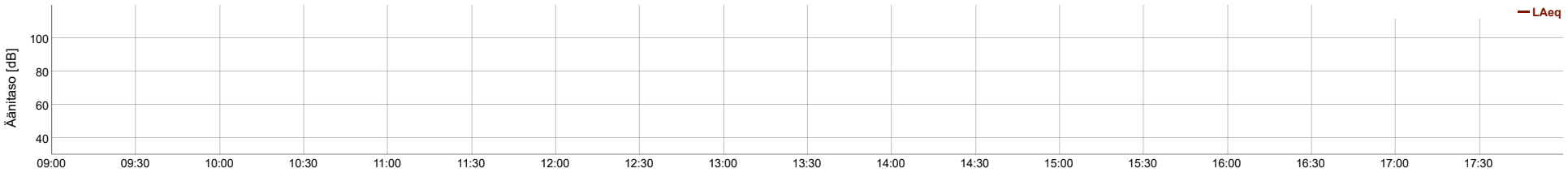


MP3

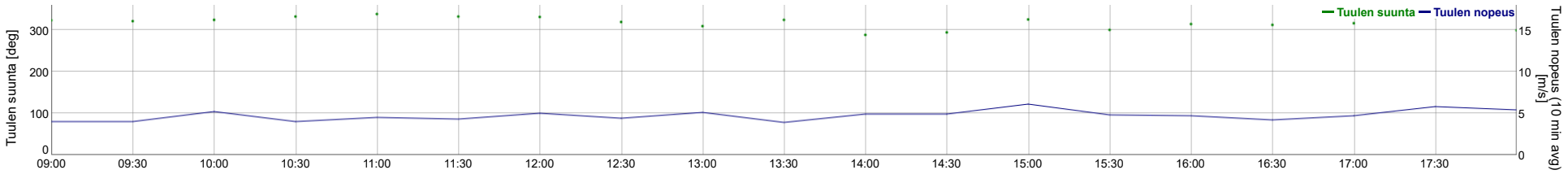
MP4



MP5



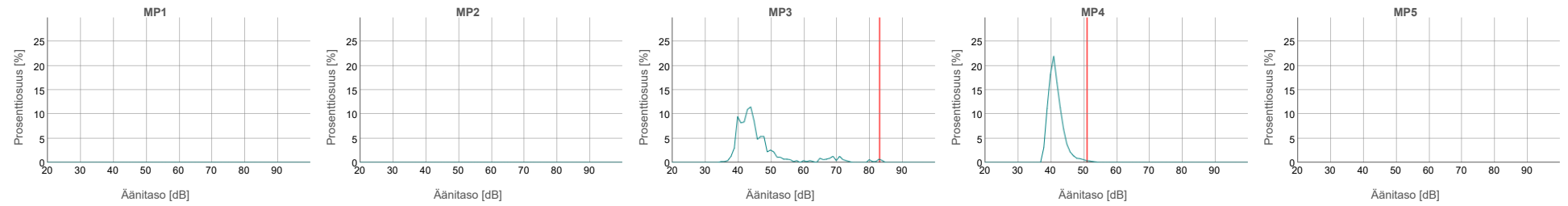
Säähavainnot



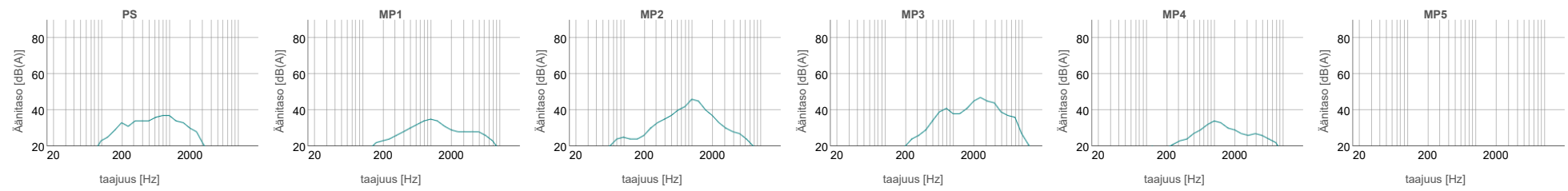
30.07.

0730	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	96	-	-	83	51	-
LAF,5%	91	-	-	69	46	-
LAF,50%	79	-	-	44	41	-
LAF,60dB	92 %	- %	- %	10 %	0 %	- %
LAF,65dB	84 %	- %	- %	8 %	0 %	- %
LAF,70dB	78 %	- %	- %	4 %	0 %	- %
LAeq	70	-	-	52	42	-

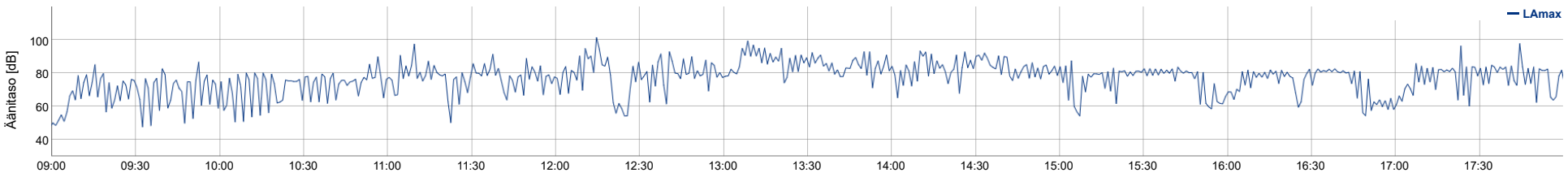
Pysyvyystasot



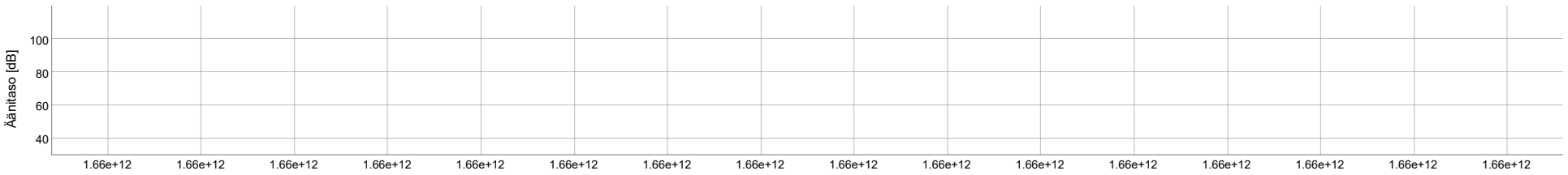
Spektrit



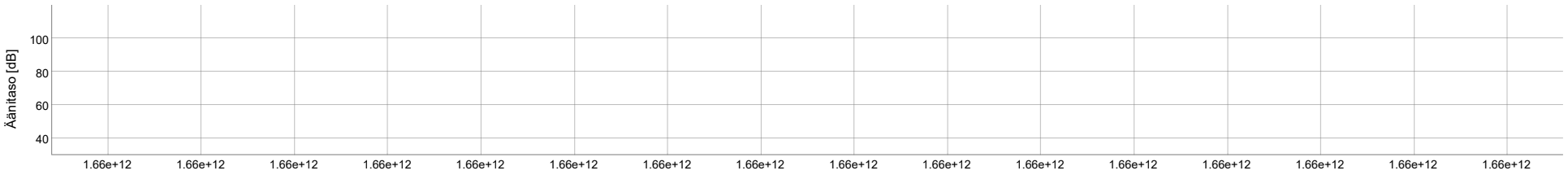
PS



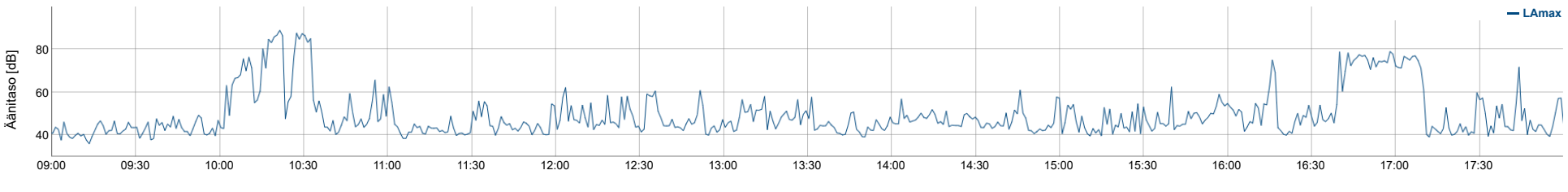
MP1



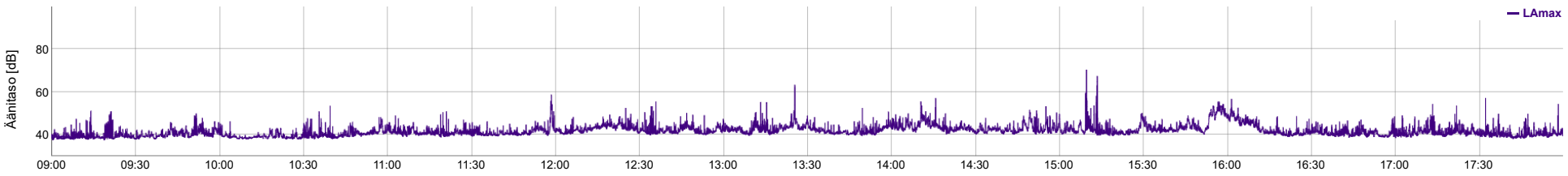
MP2



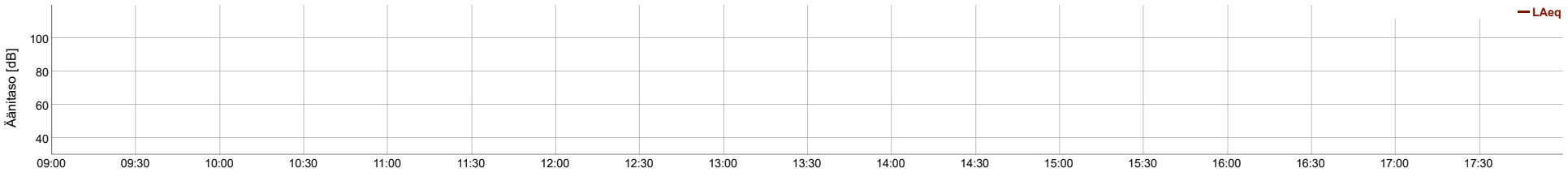
MP3



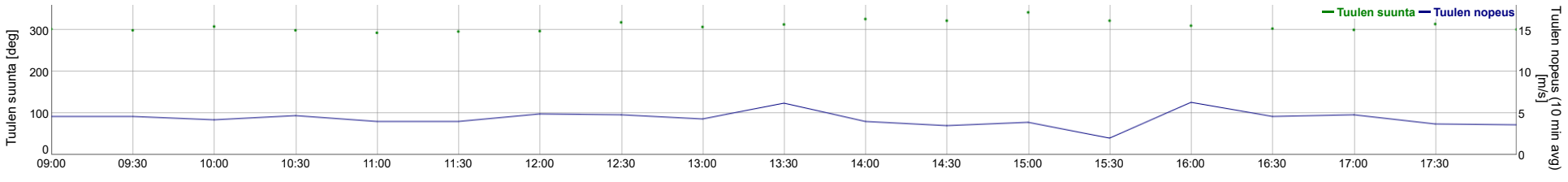
MP4



MP5



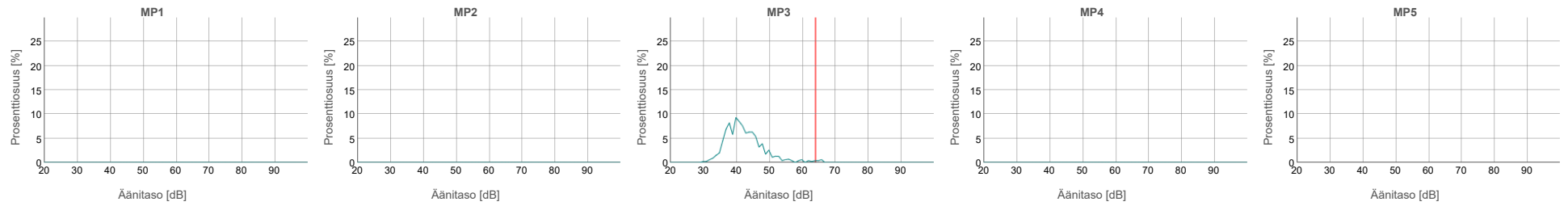
Säähavainnot



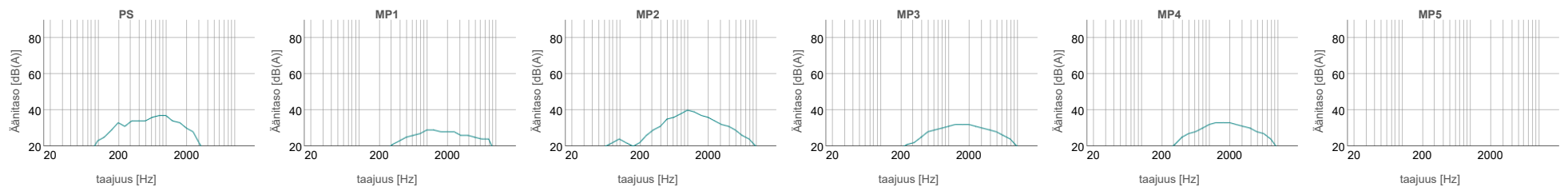
31.07.

0731	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	66	-	-	64	-	-
LAF,5%	64	-	-	53	-	-
LAF,50%	53	-	-	42	-	-
LAF,60dB	13 %	- %	- %	1 %	- %	- %
LAF,65dB	1 %	- %	- %	0 %	- %	- %
LAF,70dB	0 %	- %	- %	0 %	- %	- %
LAeq	49	-	-	42	-	-

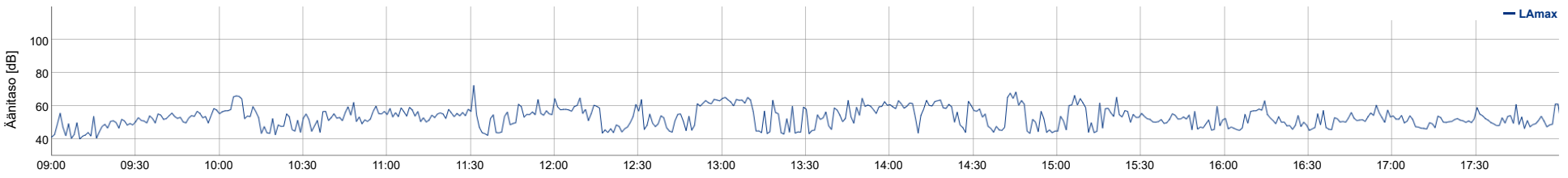
Pysyvyystasot



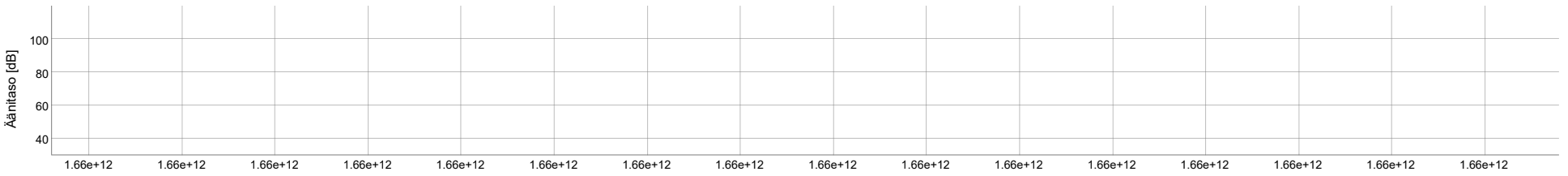
Spektrit



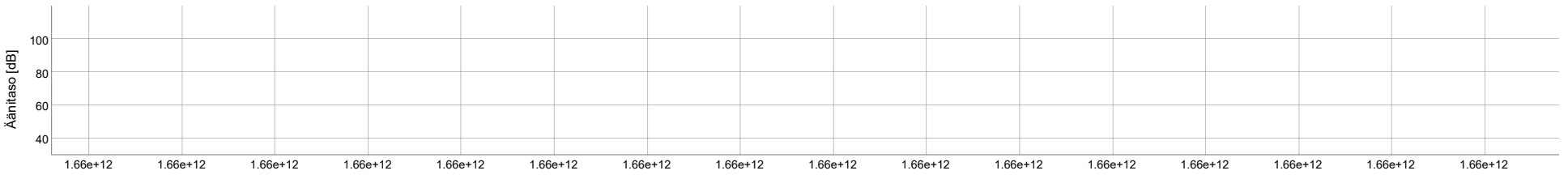
PS



MP1



MP2

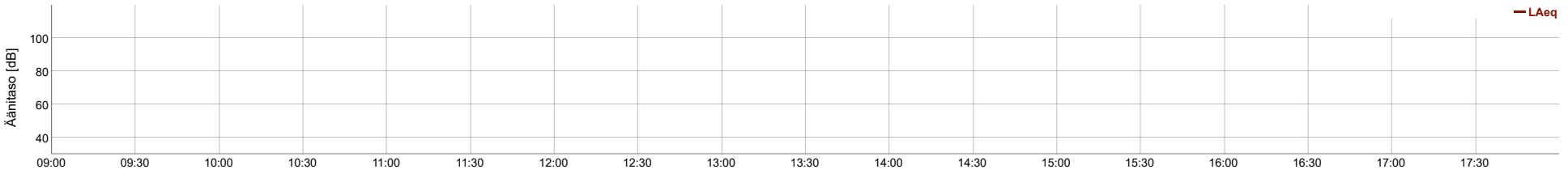


MP3

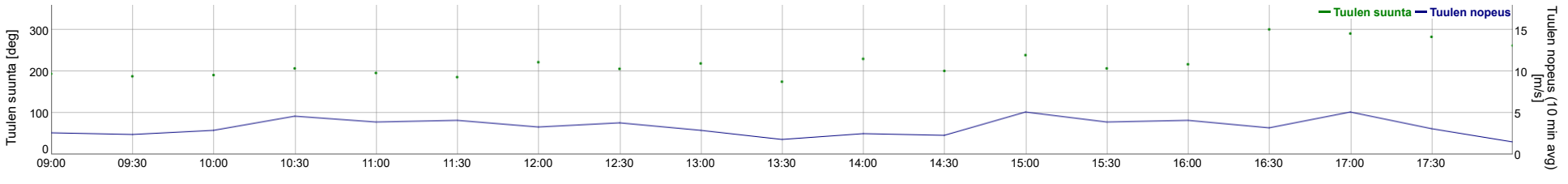
MP4



MP5



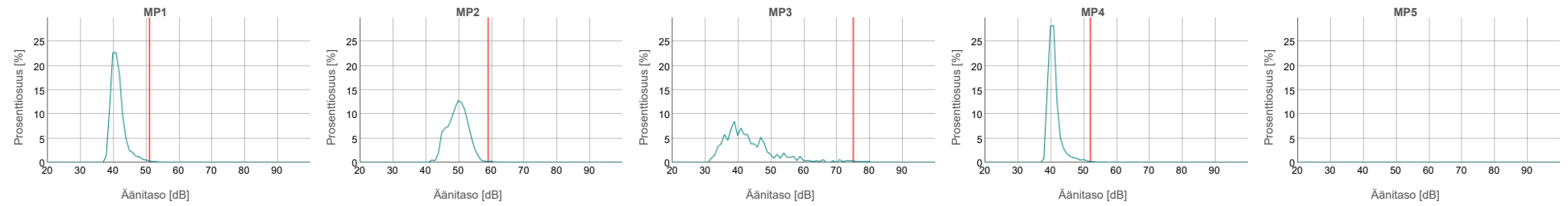
Säähavainnot



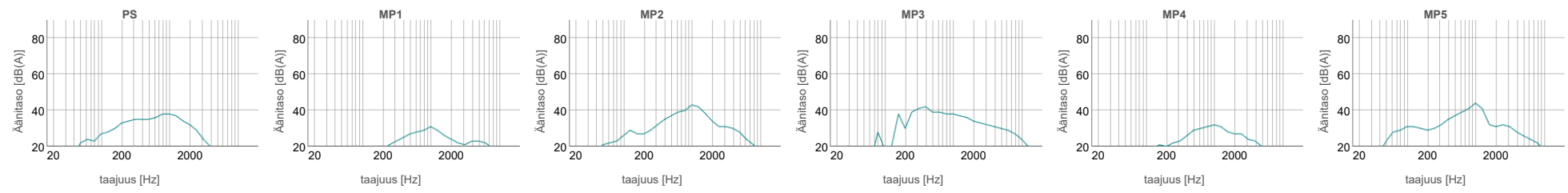
01.08.

0801	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	88	51	59	75	52	-
LAF,5%	76	46	55	61	46	-
LAF,50%	49	41	50	42	41	-
LAF,60dB	11 %	0 %	0 %	5 %	0 %	- %
LAF,65dB	7 %	0 %	0 %	3 %	0 %	- %
LAF,70dB	6 %	0 %	0 %	2 %	0 %	- %
LAeq	56	42	51	52	42	49

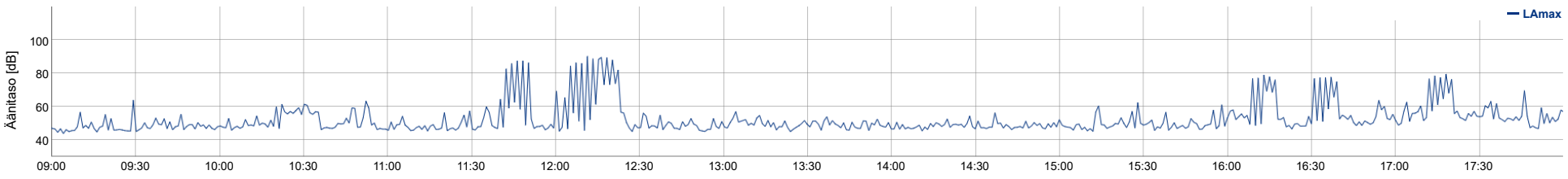
Pysyvyystasot



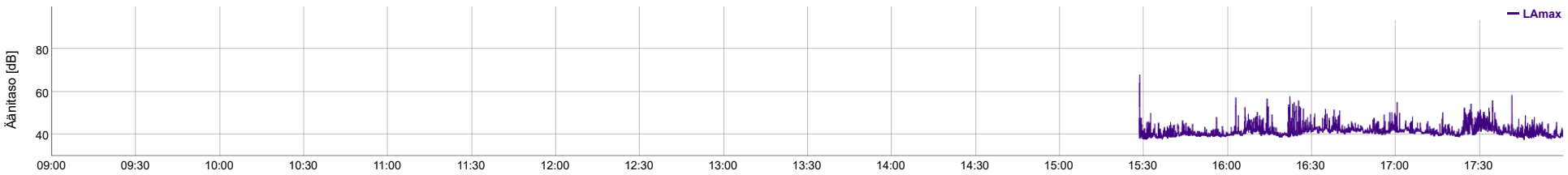
Spektrit



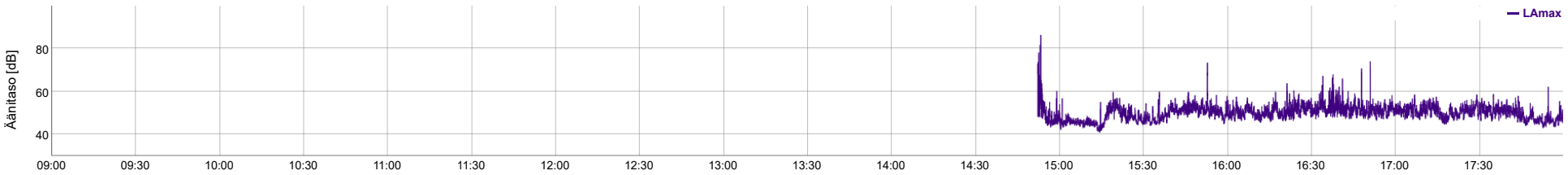
PS



MP1

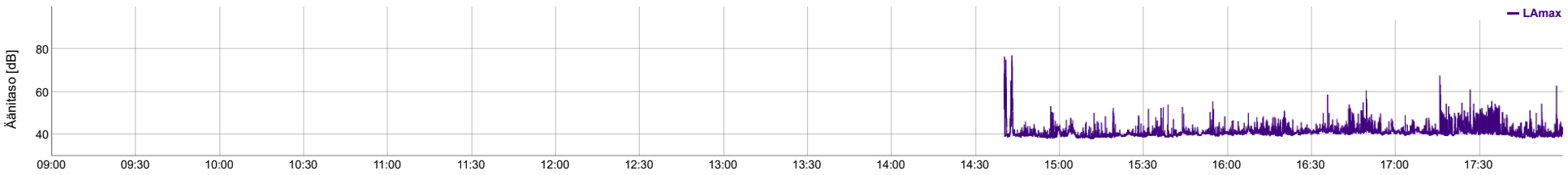


MP2

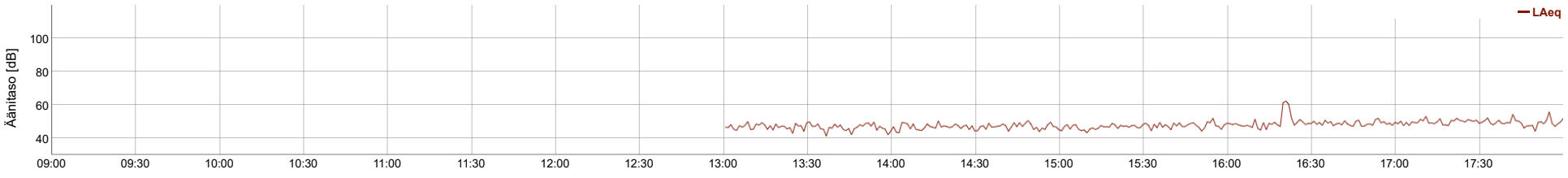


MP3

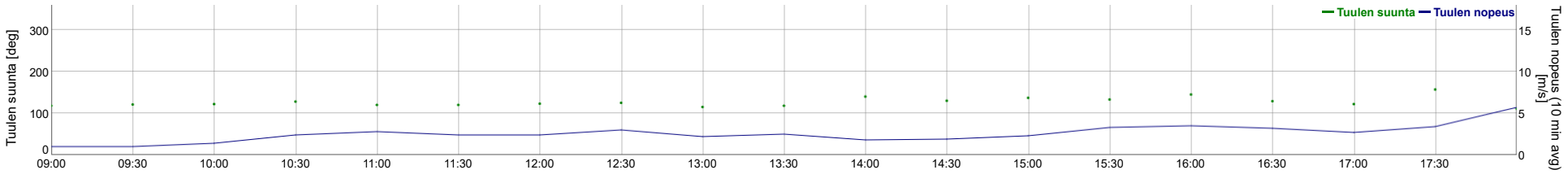
MP4



MP5



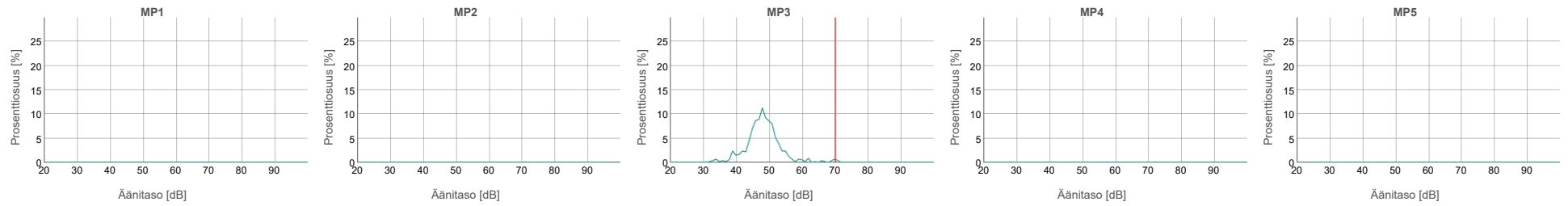
Säähavainnot



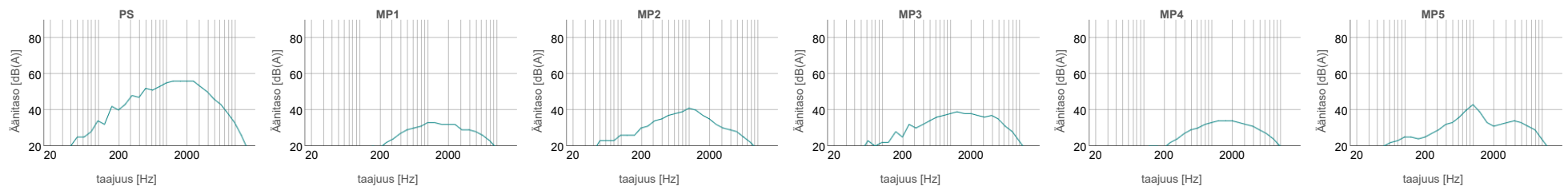
02.08.

0802	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	94	-	-	70	-	-
LAF,5%	89	-	-	57	-	-
LAF,50%	51	-	-	48	-	-
LAF,60dB	25 %	- %	- %	3 %	- %	- %
LAF,65dB	23 %	- %	- %	1 %	- %	- %
LAF,70dB	17 %	- %	- %	0 %	- %	- %
LAeq	63	-	-	48	-	48

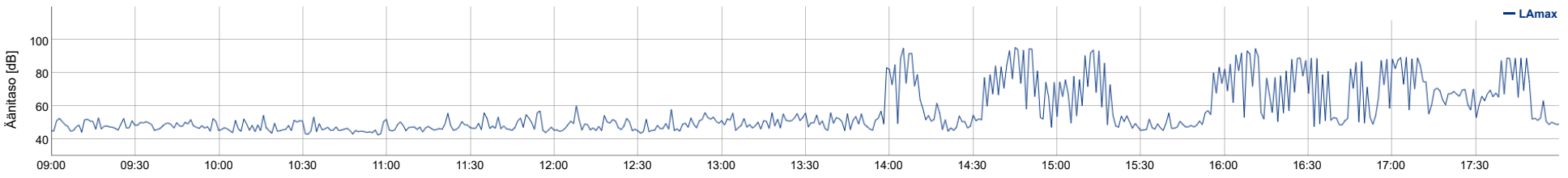
Pysyvyystasot



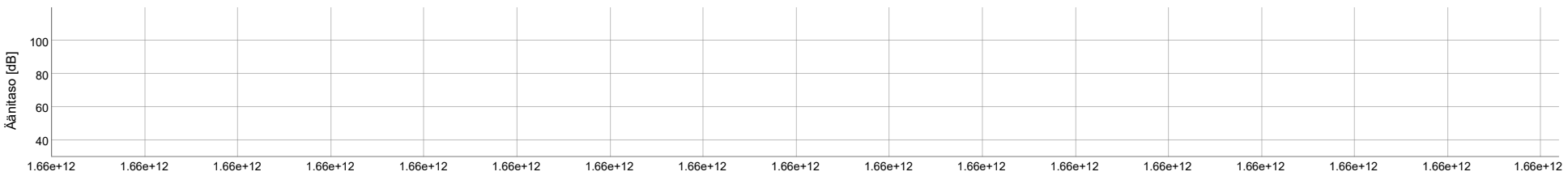
Spektrit



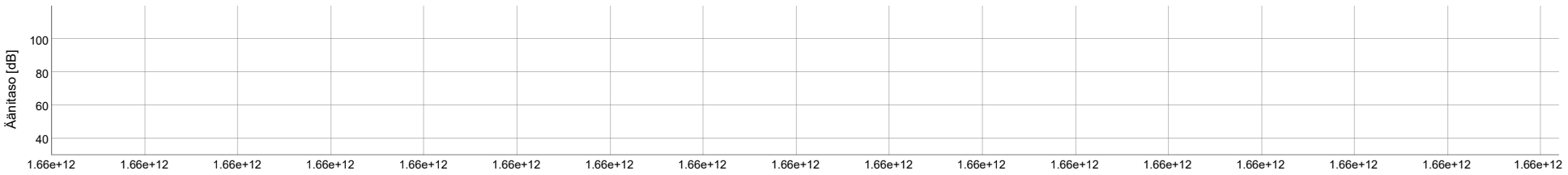
PS



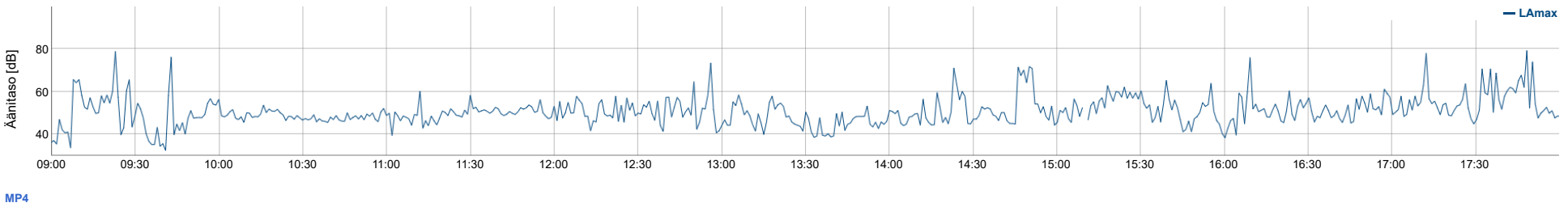
MP1



MP2



MP3



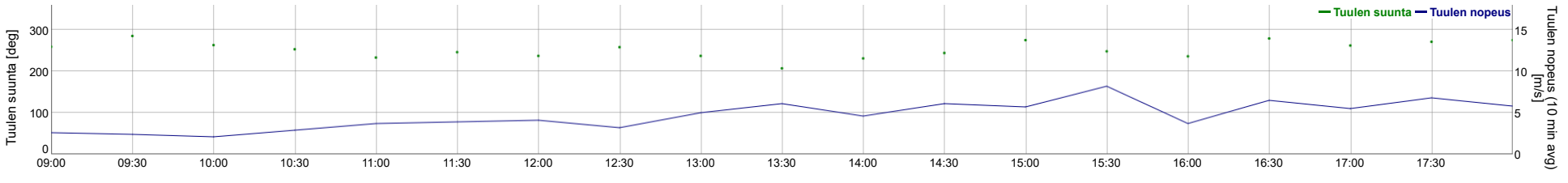
MP4



MP5



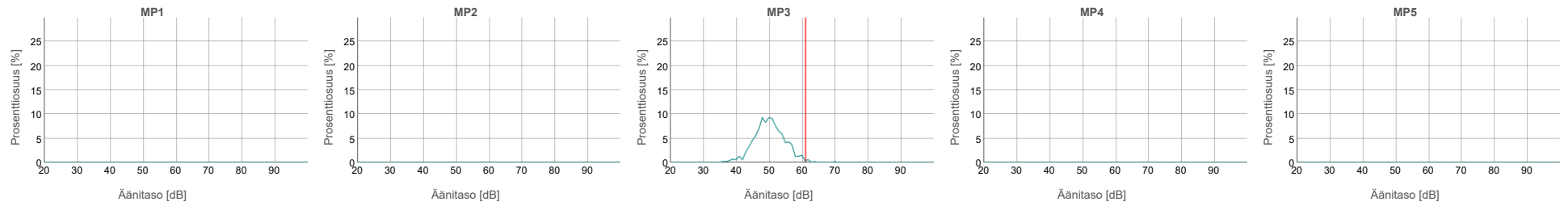
Säähavainnot



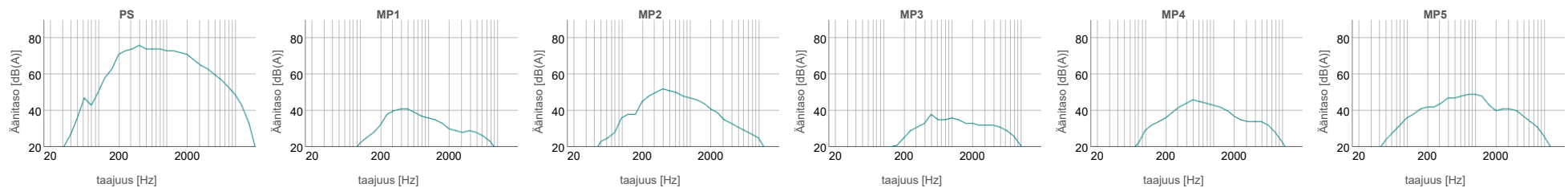
03.08.

0803	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	105	-	-	61	-	-
LAF,5%	104	-	-	58	-	-
LAF,50%	98	-	-	50	-	-
LAF,60dB	94 %	- %	- %	1 %	- %	- %
LAF,65dB	92 %	- %	- %	0 %	- %	- %
LAF,70dB	90 %	- %	- %	0 %	- %	- %
LAeq	85	-	-	46	-	57

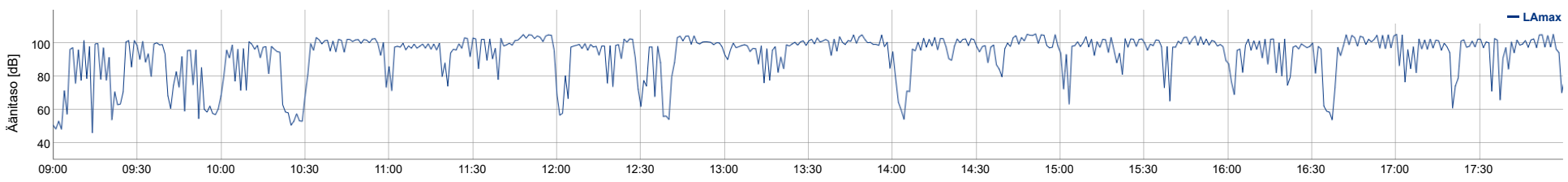
Pysyvyystasot



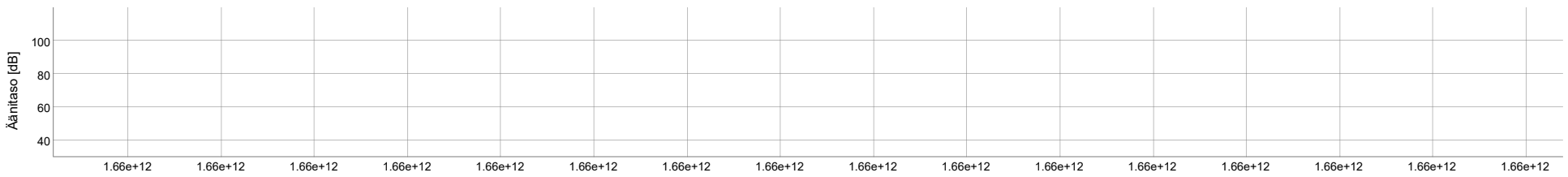
Spektrit



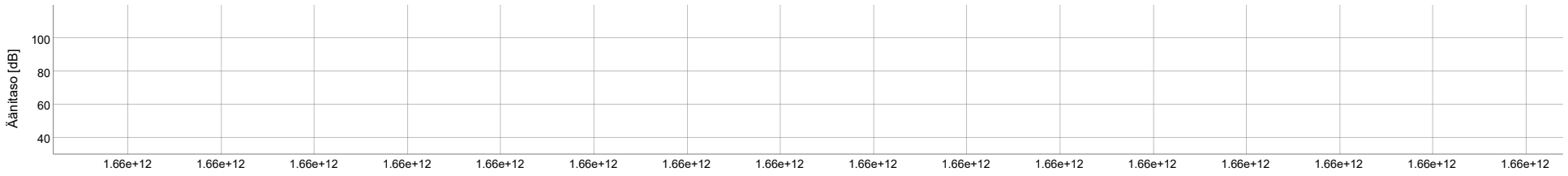
PS



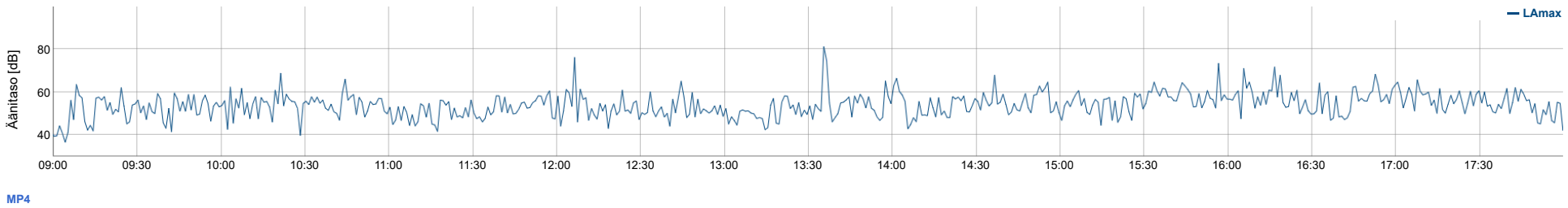
MP1



MP2



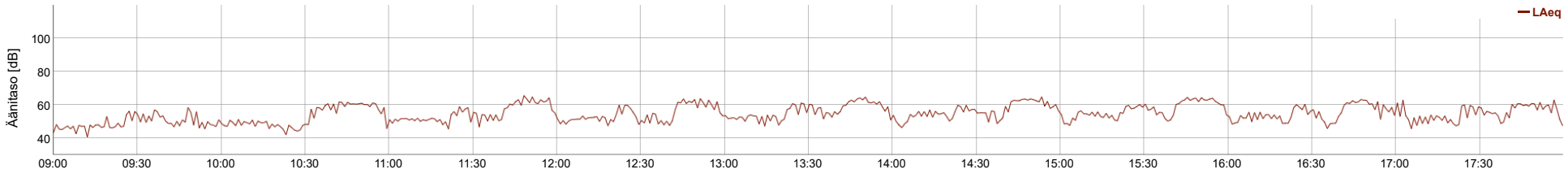
MP3



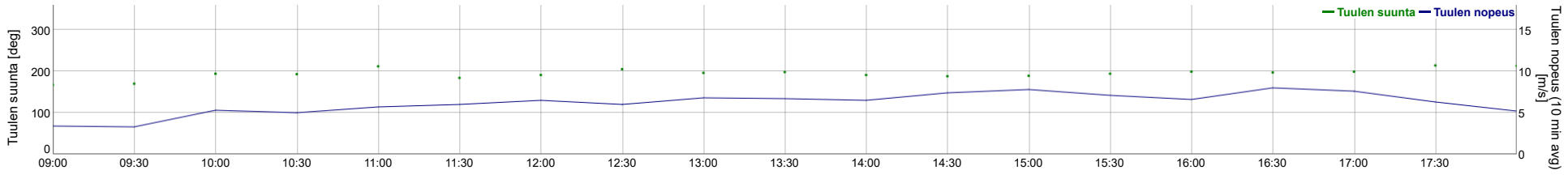
MP4



MP5



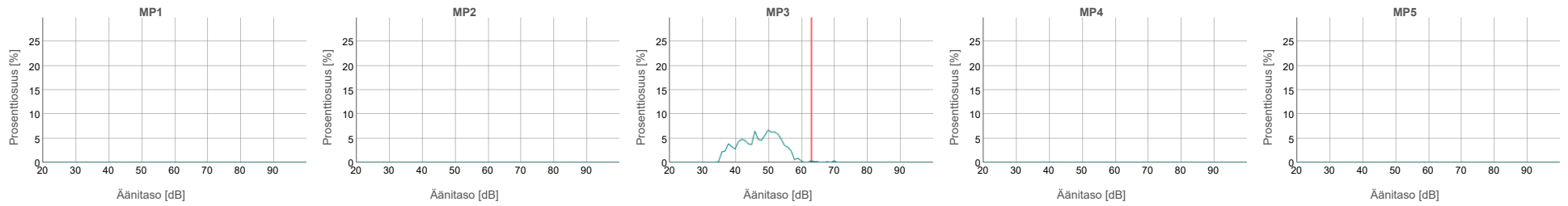
Säähavainnot



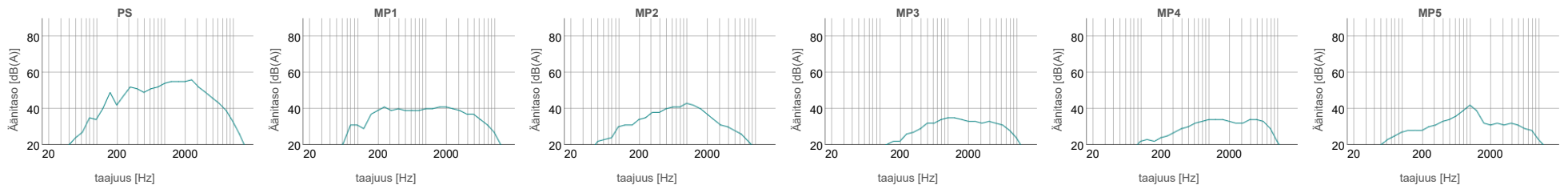
04.08.

0804	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	96	-	-	63	-	-
LAF,5%	94	-	-	57	-	-
LAF,50%	55	-	-	48	-	-
LAF,60dB	41 %	- %	- %	1 %	- %	- %
LAF,65dB	36 %	- %	- %	0 %	- %	- %
LAF,70dB	33 %	- %	- %	0 %	- %	- %
LAeq	66	-	-	45	-	48

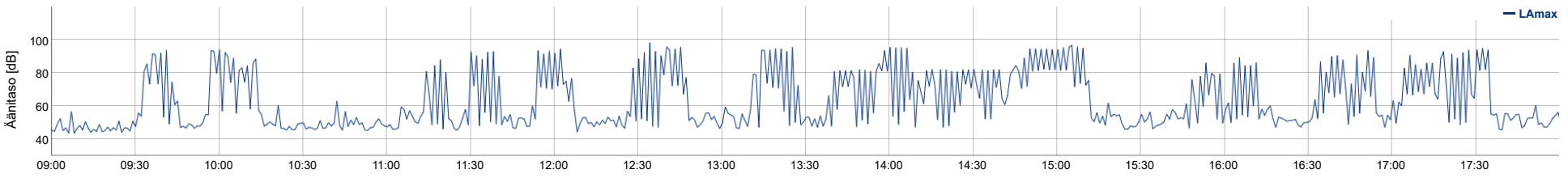
Pysyvyystasot



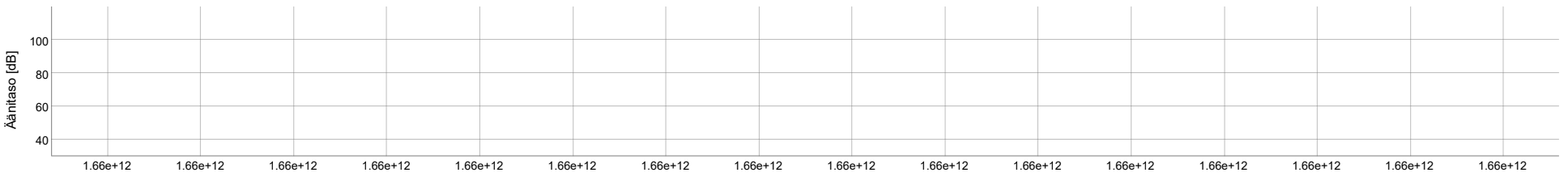
Spektrit



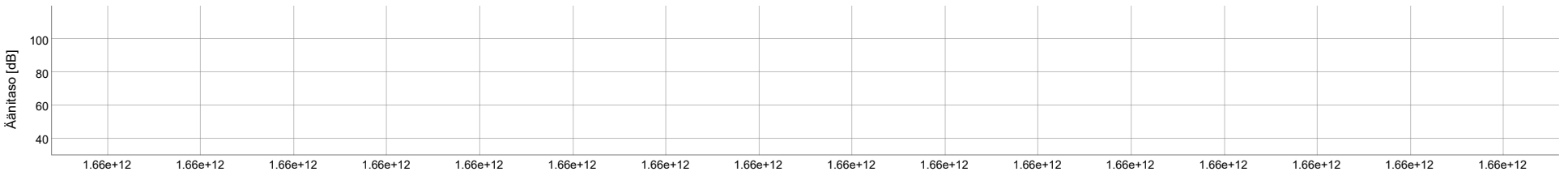
PS



MP1



MP2



MP3

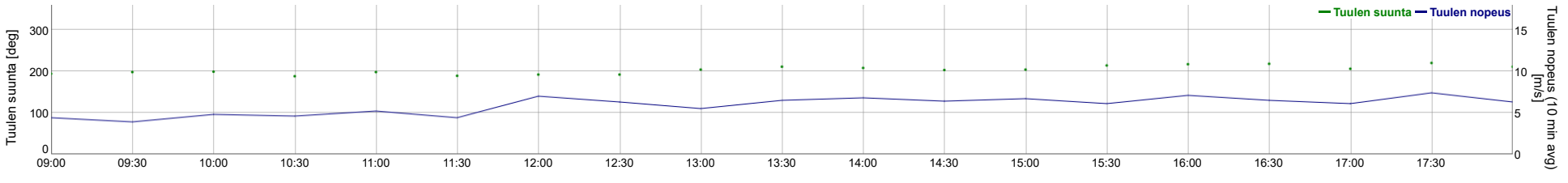
MP4



MP5



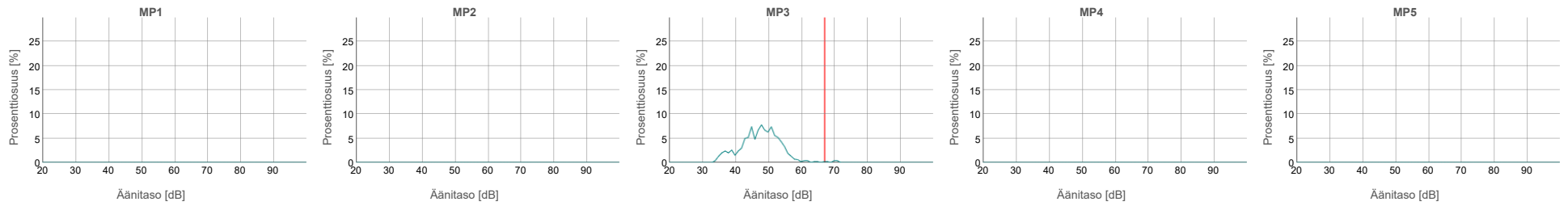
Säähavainnot



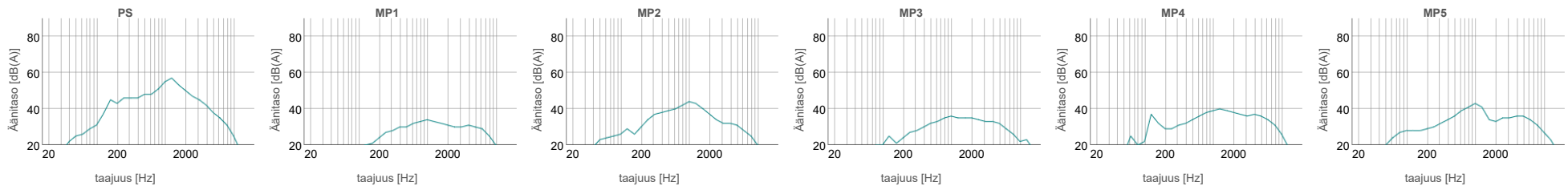
05.08.

0805	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	89	-	-	67	-	-
LAF,5%	87	-	-	56	-	-
LAF,50%	54	-	-	48	-	-
LAF,60dB	26 %	- %	- %	2 %	- %	- %
LAF,65dB	20 %	- %	- %	1 %	- %	- %
LAF,70dB	15 %	- %	- %	0 %	- %	- %
LAeq	64	-	-	46	-	50

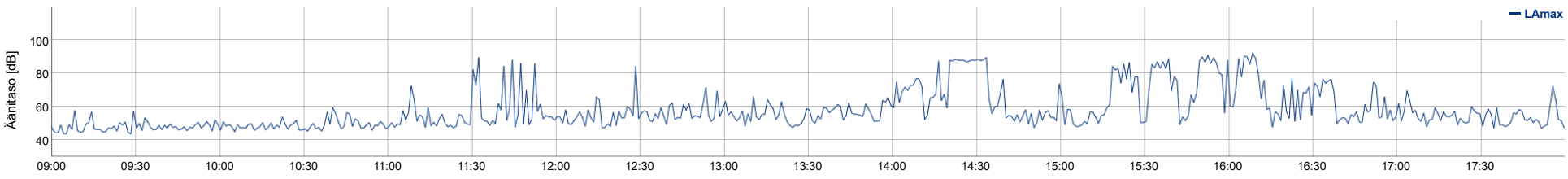
Pysyvyystasot



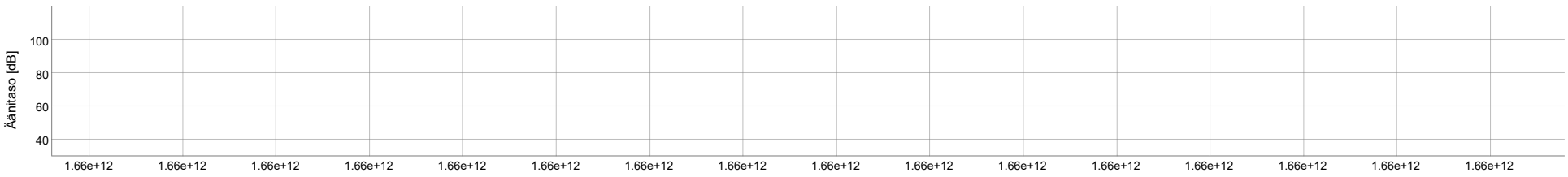
Spektrit



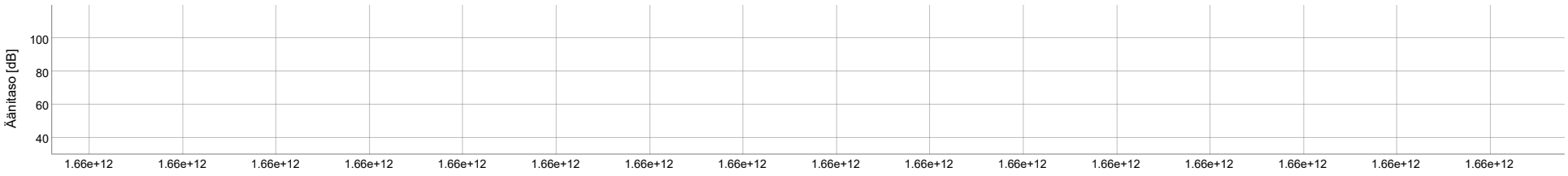
PS



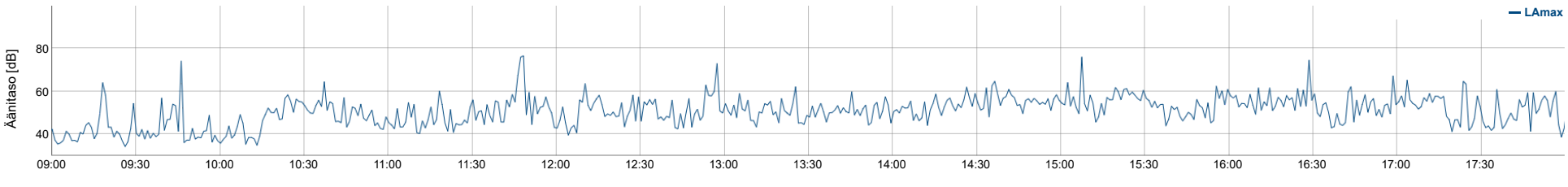
MP1



MP2



MP3



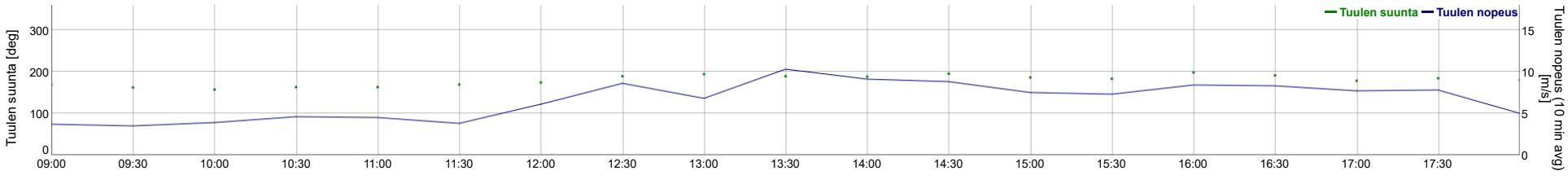
MP4



MP5



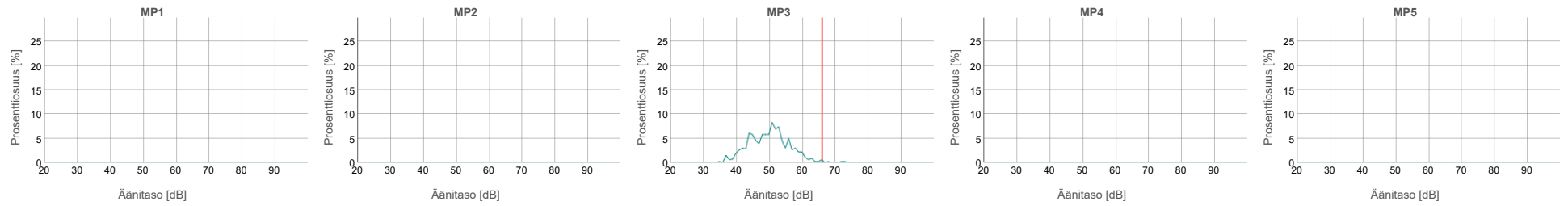
Säähavainnot



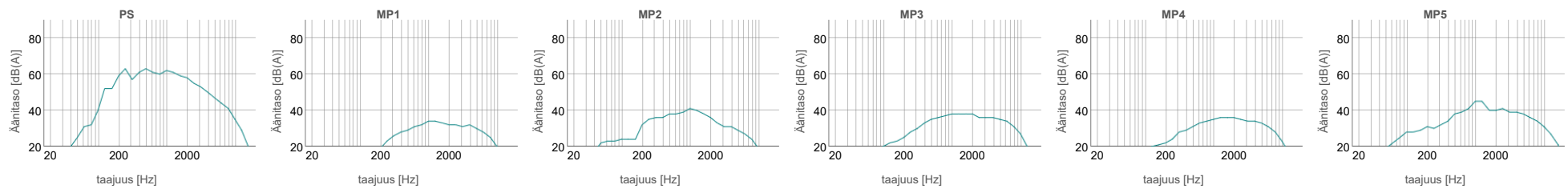
06.08.

0806	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	97	-	-	66	-	-
LAF,5%	95	-	-	60	-	-
LAF,50%	62	-	-	50	-	-
LAF,60dB	55 %	- %	- %	4 %	- %	- %
LAF,65dB	47 %	- %	- %	1 %	- %	- %
LAF,70dB	43 %	- %	- %	0 %	- %	- %
LAeq	70	-	-	49	-	52

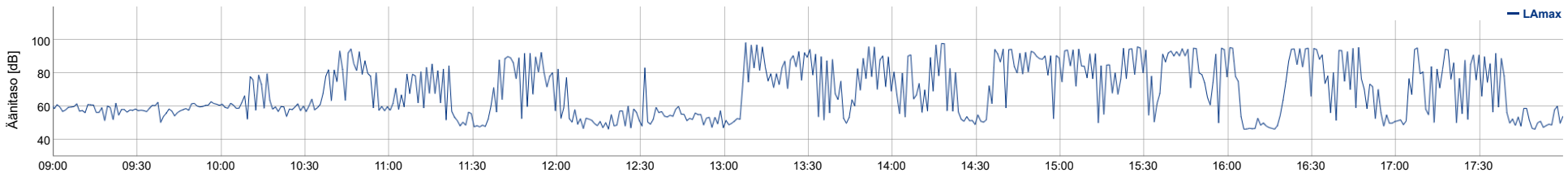
Pysyvyystasot



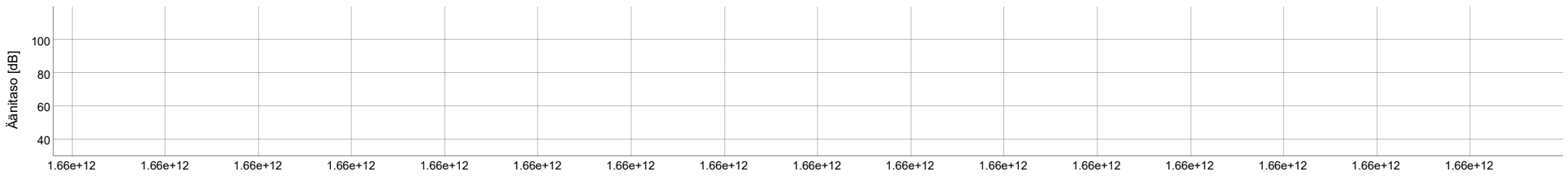
Spektrit



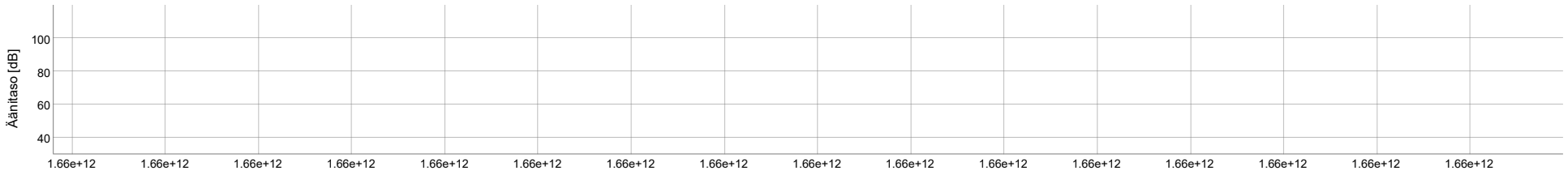
PS



MP1



MP2



MP3

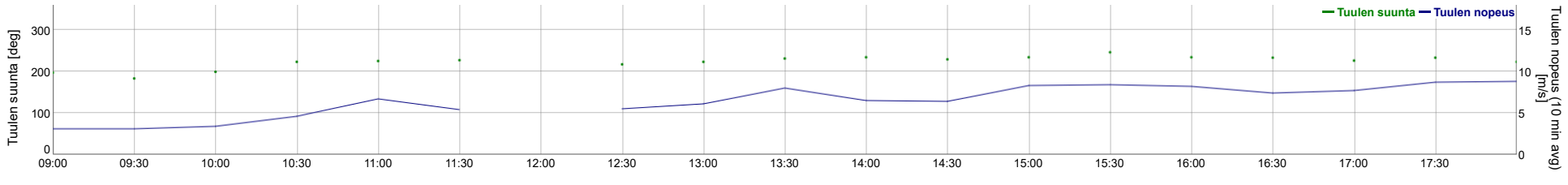
MP4



MP5



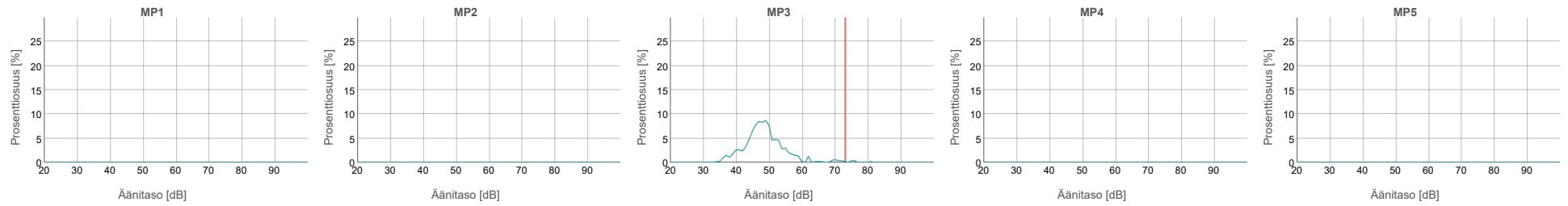
Säähavainnot



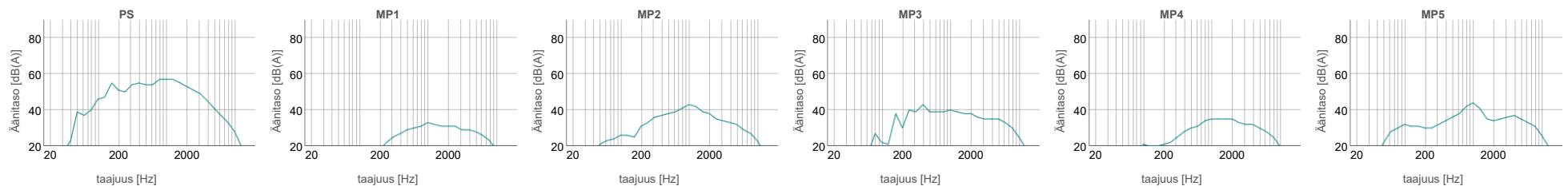
07.08.

0807	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	98	-	-	73	-	-
LAF,5%	92	-	-	59	-	-
LAF,50%	66	-	-	48	-	-
LAF,60dB	58 %	- %	- %	4 %	- %	- %
LAF,65dB	52 %	- %	- %	3 %	- %	- %
LAF,70dB	47 %	- %	- %	2 %	- %	- %
LAeq	70	-	-	52	-	50

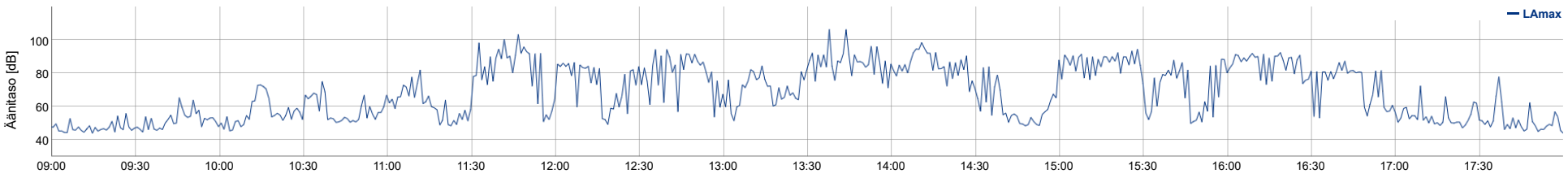
Pysyvyystasot



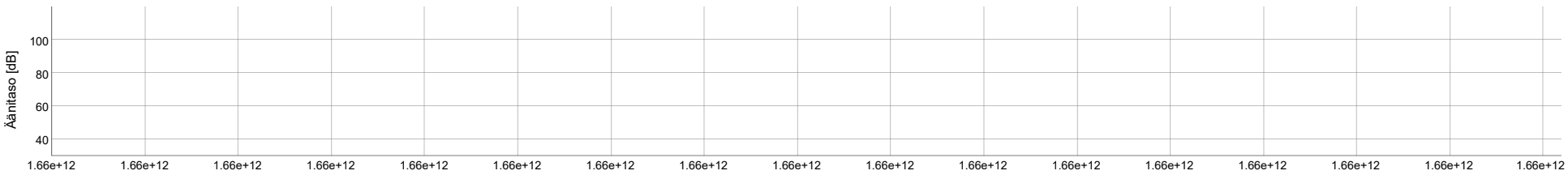
Spektrit



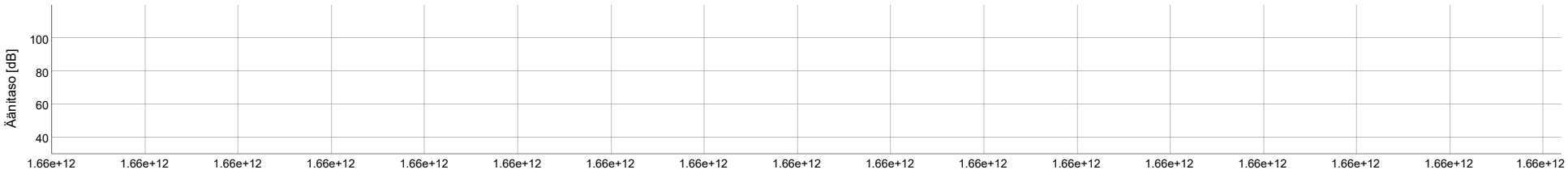
PS



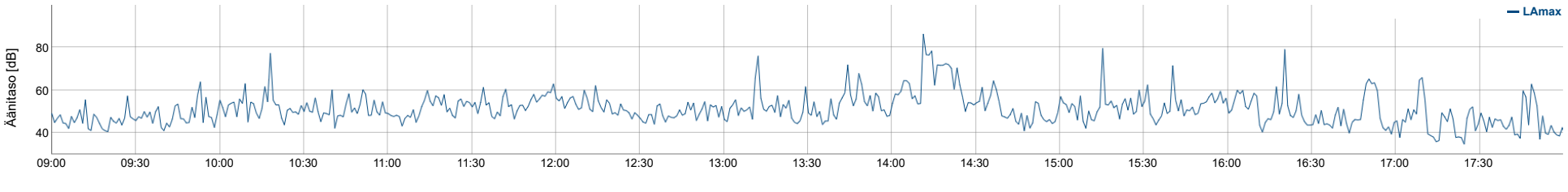
MP1



MP2



MP3



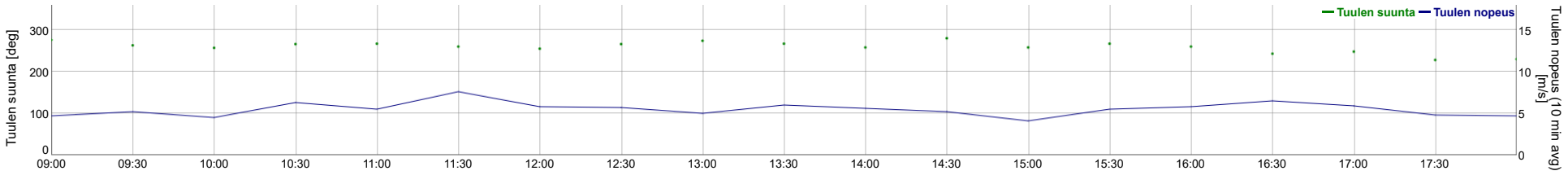
MP4



MP5



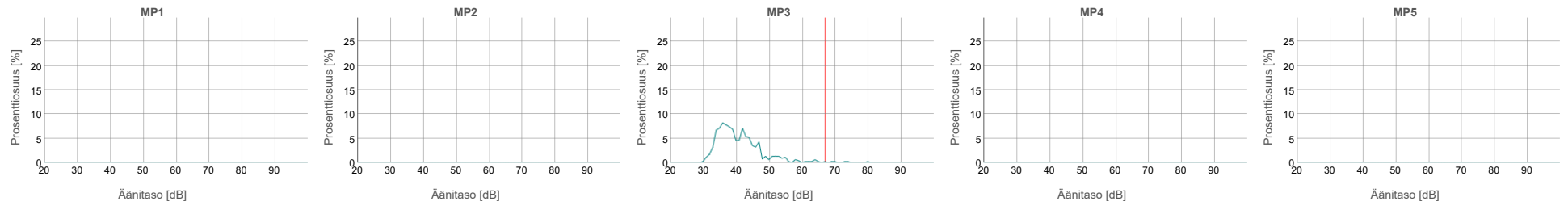
Säähavainnot



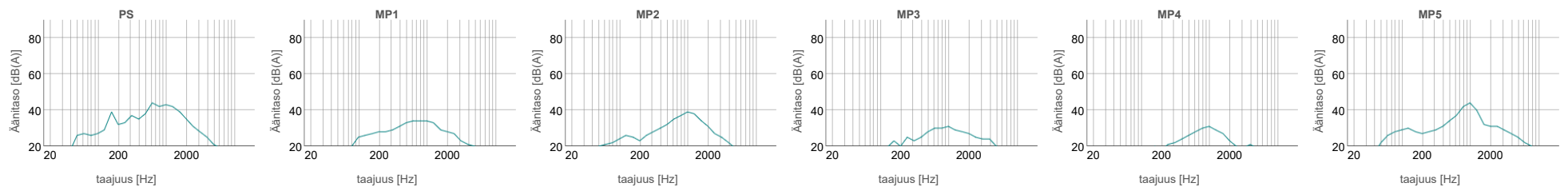
08.08.

0808	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	84	-	-	67	-	-
LAF,5%	65	-	-	54	-	-
LAF,50%	50	-	-	39	-	-
LAF,60dB	8 %	- %	- %	2 %	- %	- %
LAF,65dB	5 %	- %	- %	1 %	- %	- %
LAF,70dB	3 %	- %	- %	0 %	- %	- %
LAeq	53	-	-	43	-	48

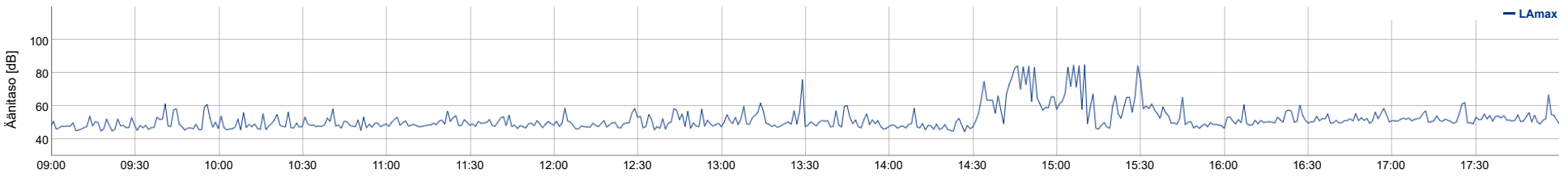
Pysyvyystasot



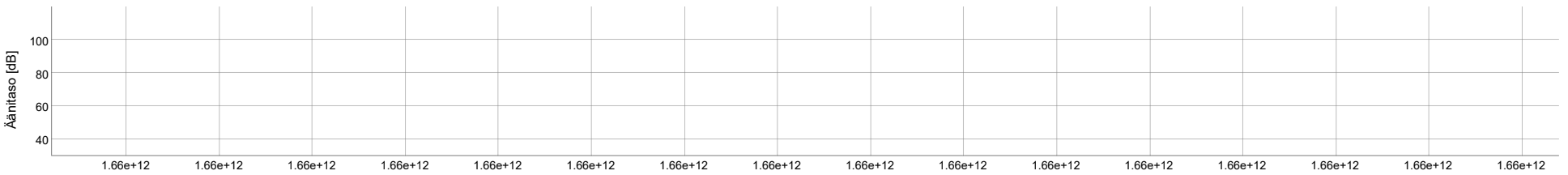
Spektrit



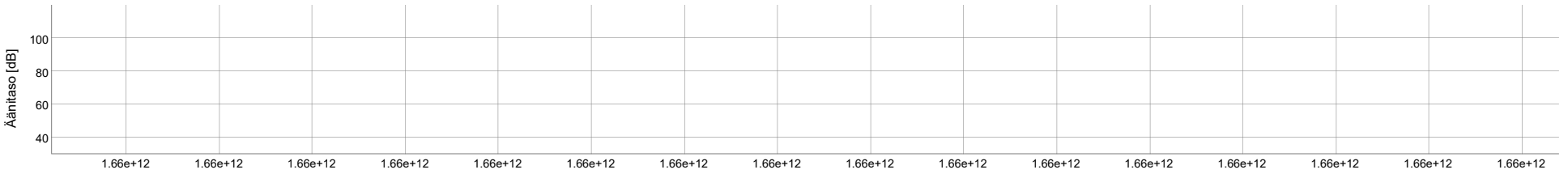
PS



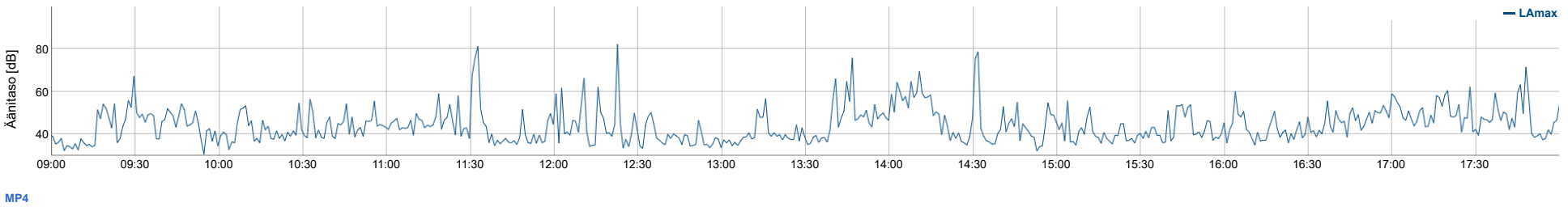
MP1



MP2



MP3



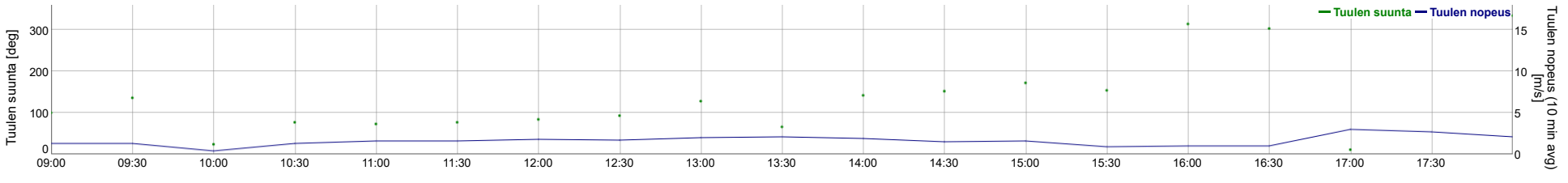
MP4



MP5



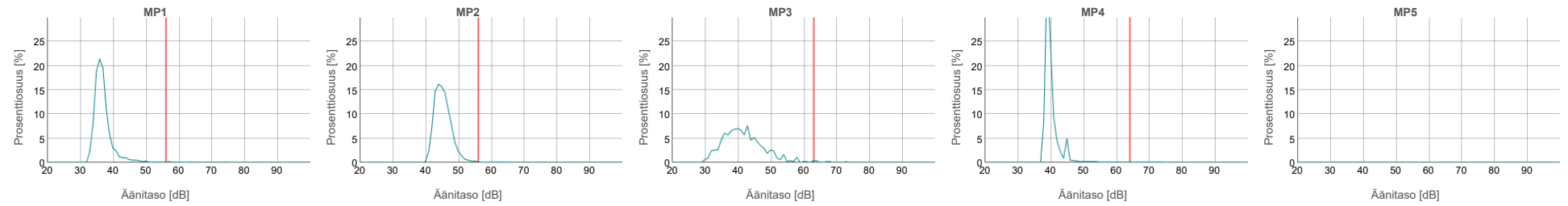
Säähavainnot



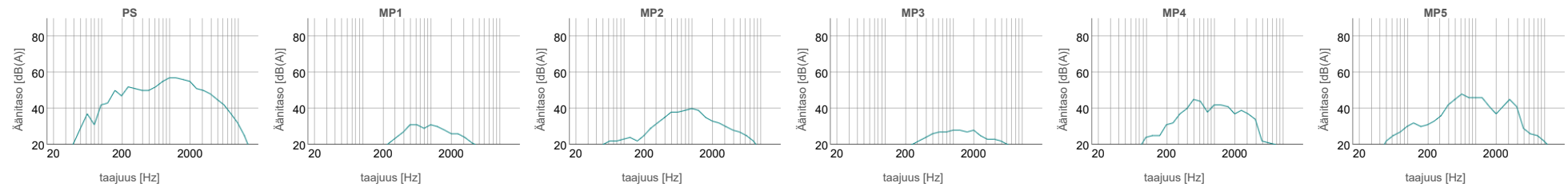
09.08.

0809	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	90	56	56	63	64	-
LAF,5%	88	44	50	54	45	-
LAF,50%	68	36	45	41	40	-
LAF,60dB	55 %	0 %	0 %	1 %	1 %	- %
LAF,65dB	52 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	48 %	0 %	0 %	0 %	0 %	- %
LAeq	66	44	50	40	47	55

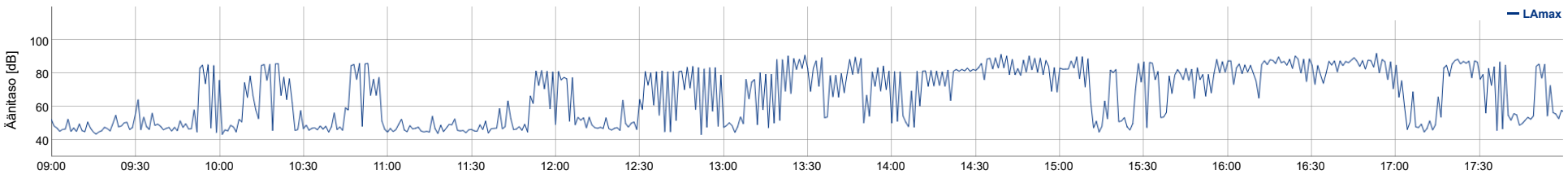
Pysyvyystasot



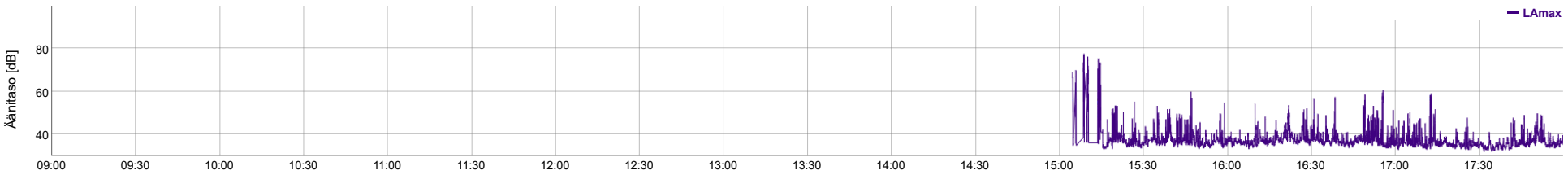
Spektrit



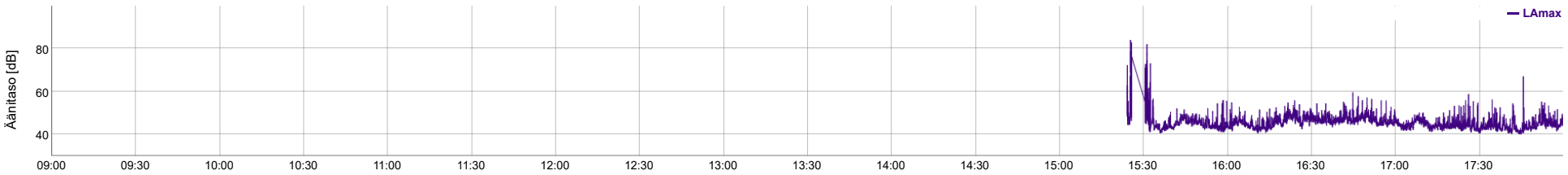
PS



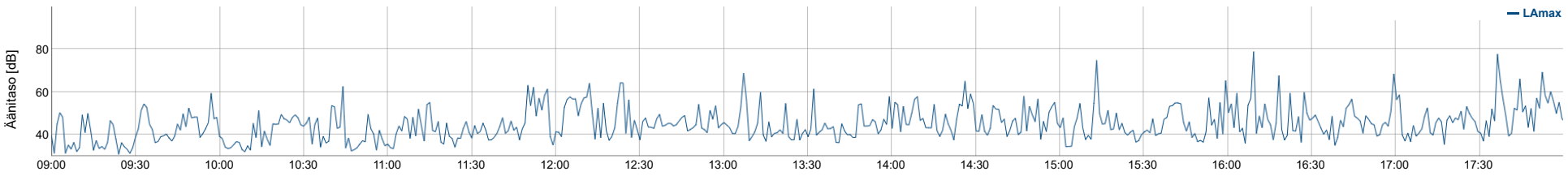
MP1



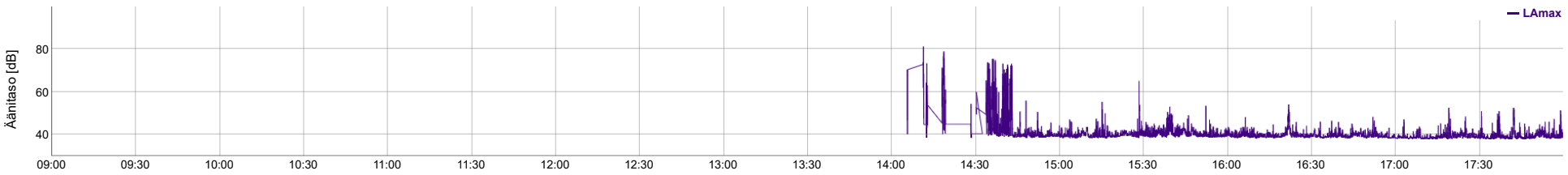
MP2



MP3



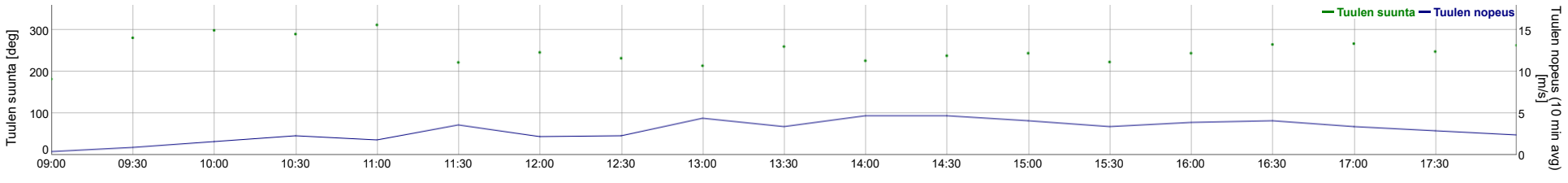
MP4



MP5



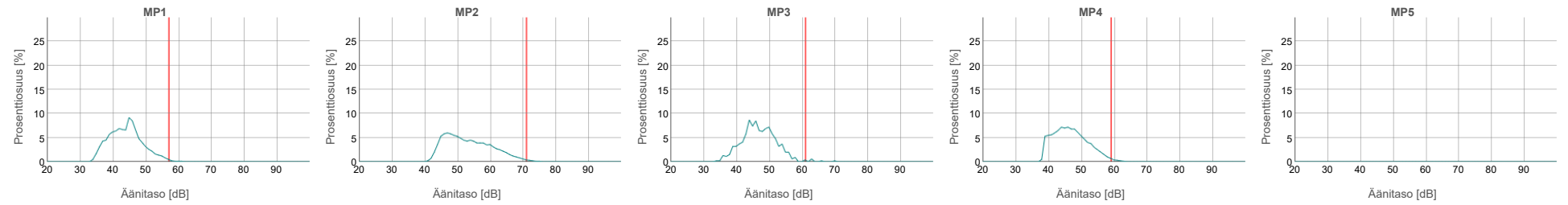
Säähavainnot



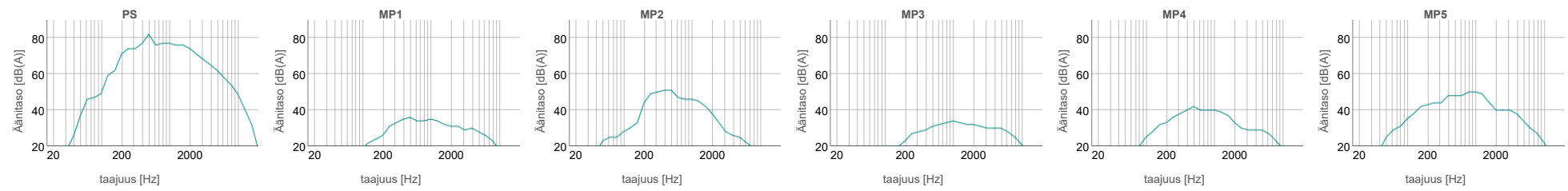
10.08.

0810	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	107	57	71	61	59	-
LAF,5%	106	53	66	55	56	-
LAF,50%	97	44	53	47	46	-
LAF,60dB	92 %	0 %	19 %	1 %	0 %	- %
LAF,65dB	90 %	0 %	6 %	0 %	0 %	- %
LAF,70dB	87 %	0 %	1 %	0 %	0 %	- %
LAeq	85	46	57	44	49	58

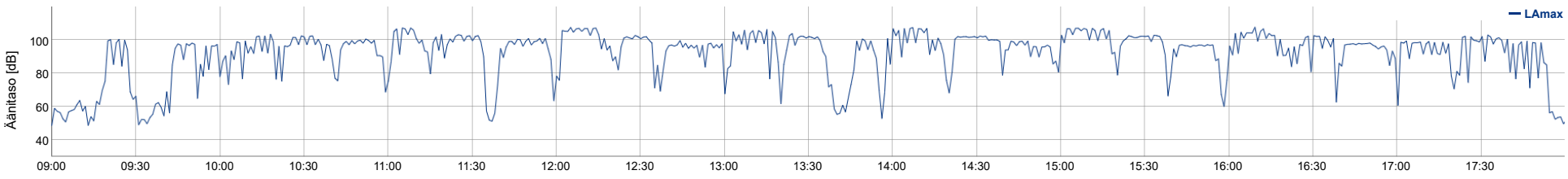
Pysyvyystasot



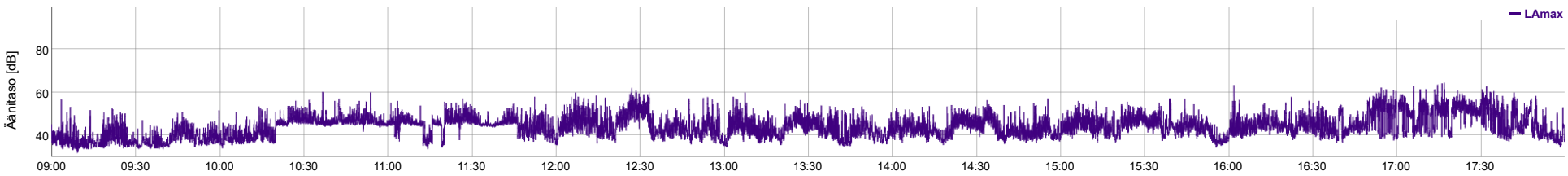
Spektrit



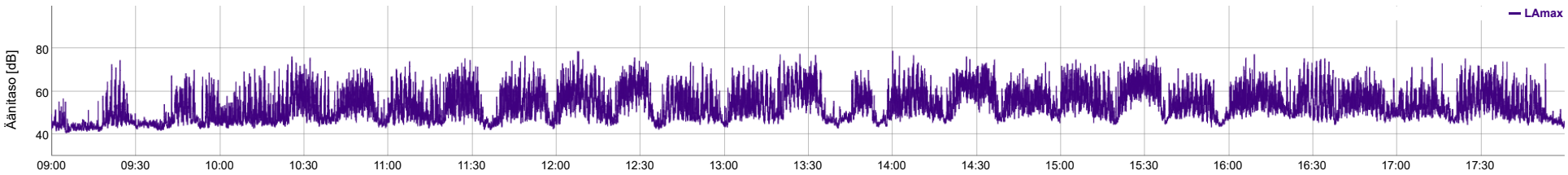
PS



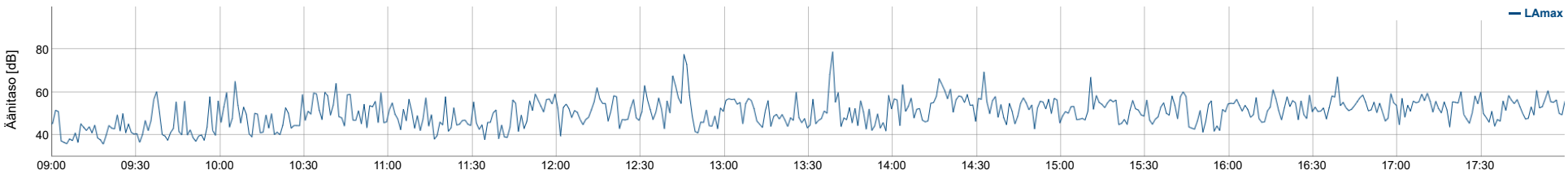
MP1



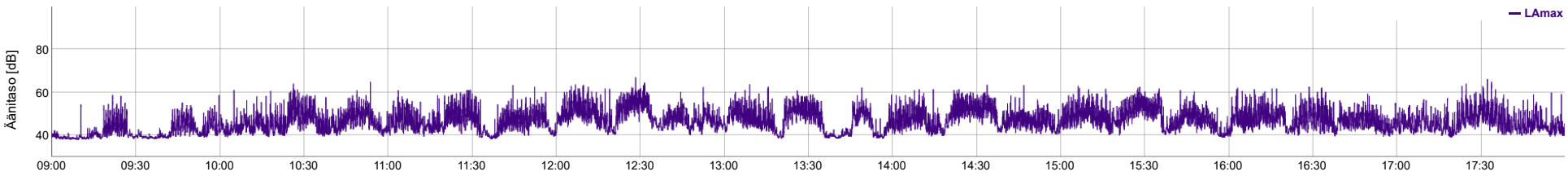
MP2



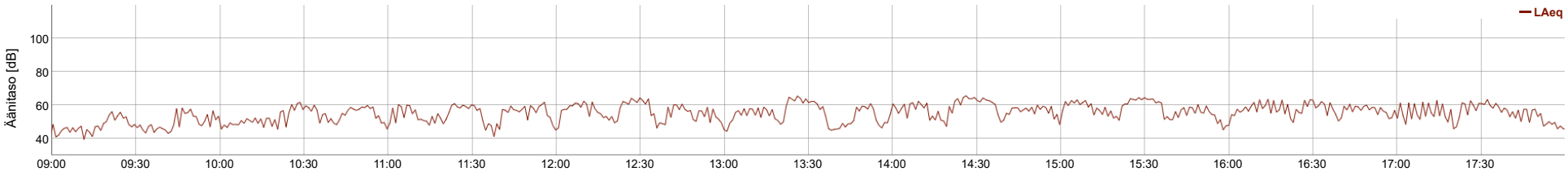
MP3



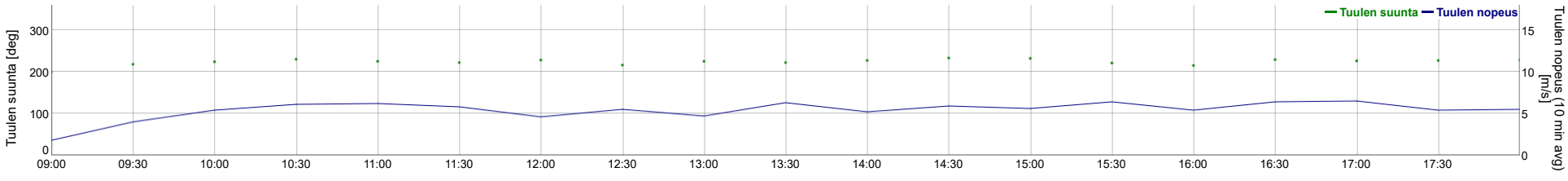
MP4



MP5



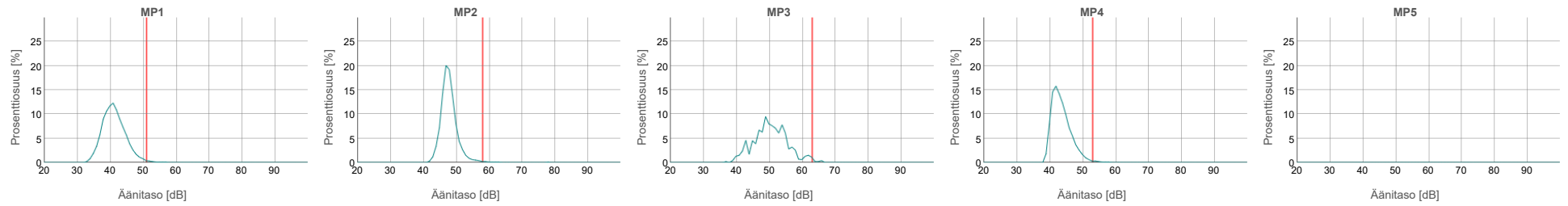
Säähavainnot



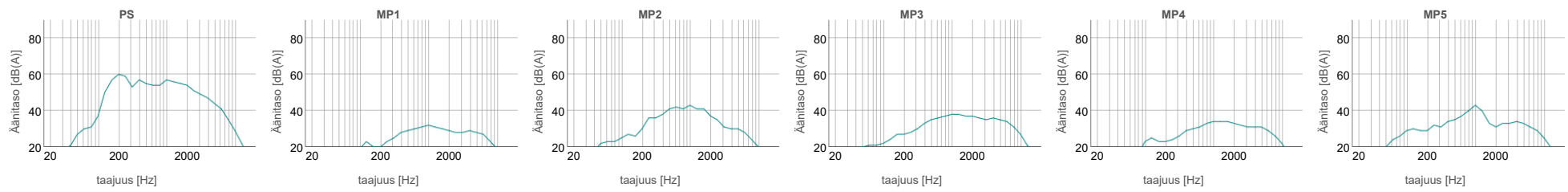
11.08.

0811	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	92	51	58	63	53	-
LAF,5%	89	48	53	60	49	-
LAF,50%	55	41	48	50	43	-
LAF,60dB	37 %	0 %	0 %	4 %	0 %	- %
LAF,65dB	29 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	26 %	0 %	0 %	0 %	0 %	- %
LAeq	66	42	50	48	44	49

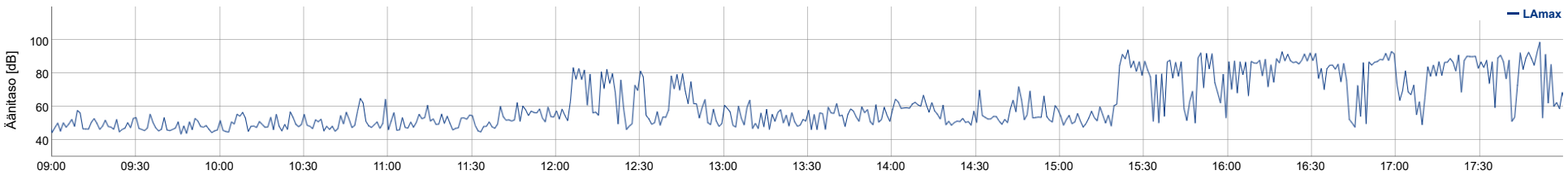
Pysyvyystasot



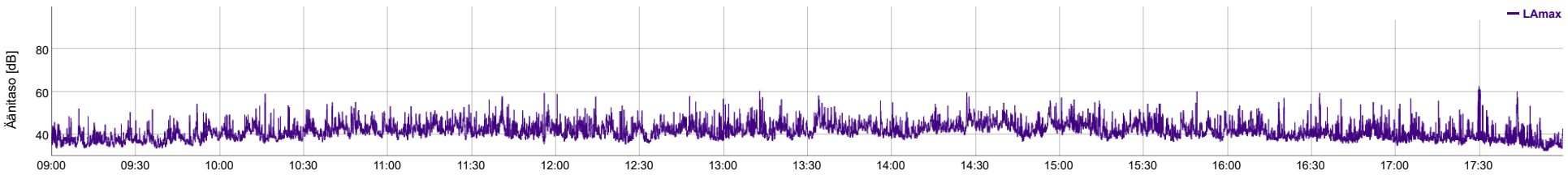
Spektrit



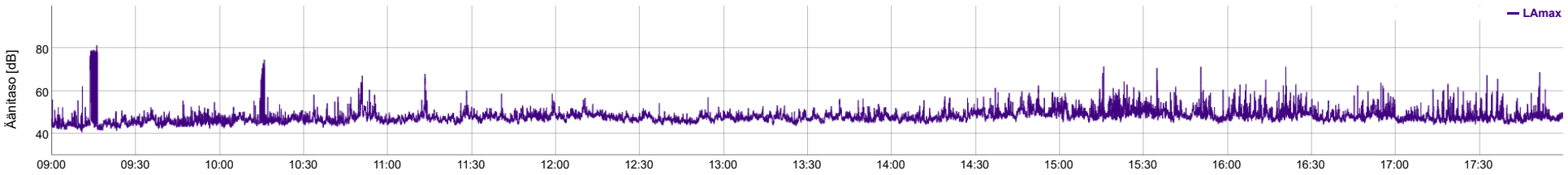
PS



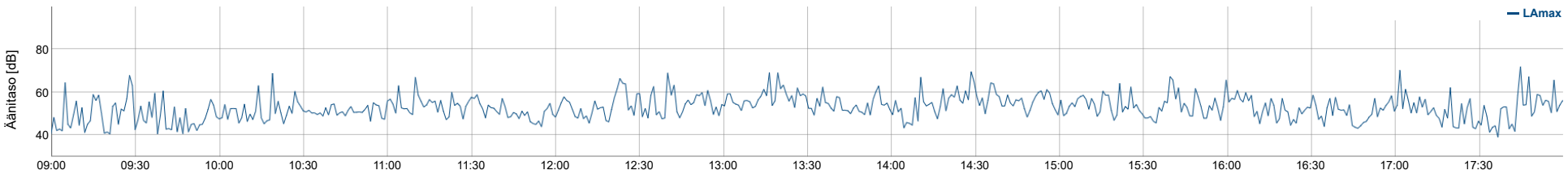
MP1



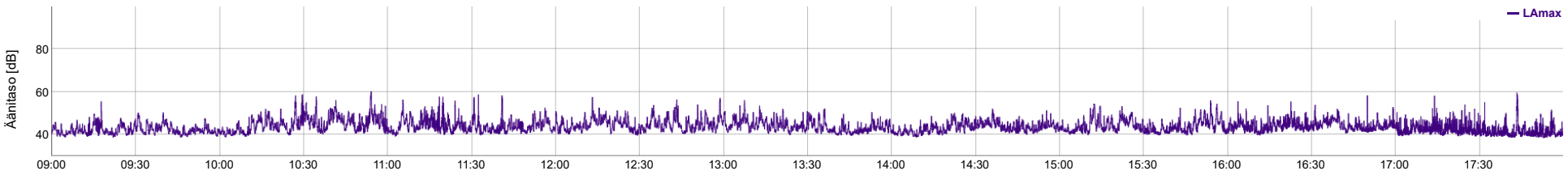
MP2



MP3



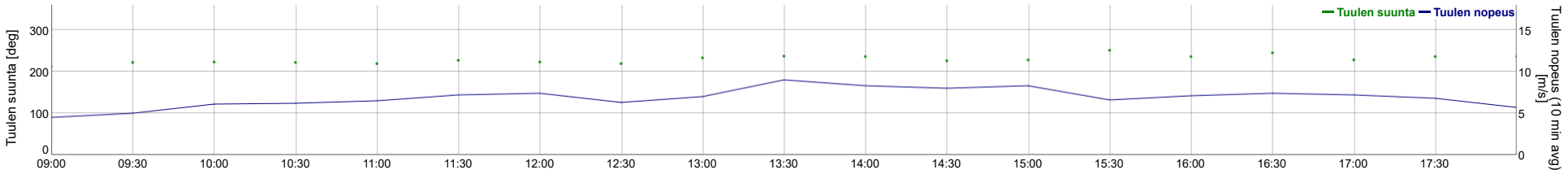
MP4



MP5



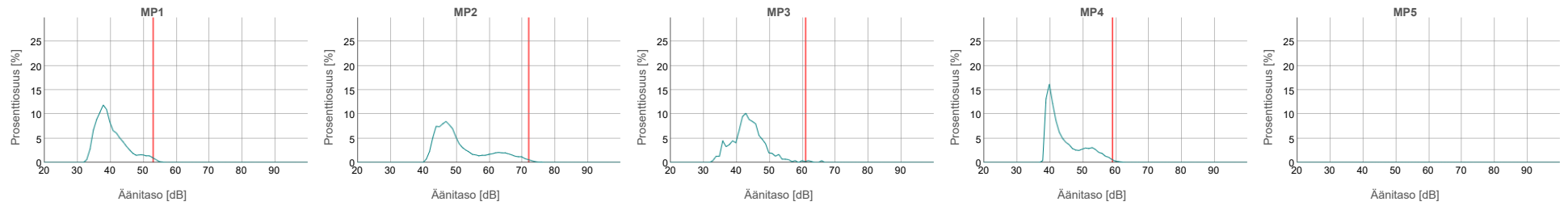
Säähavainnot



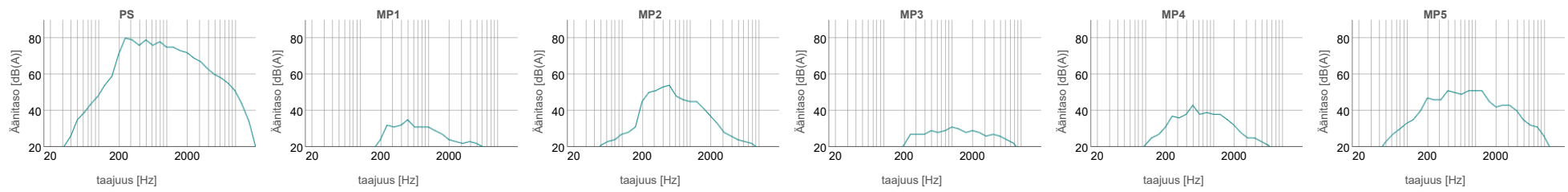
12.08.

0812	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	103	53	72	61	59	-
LAF,5%	102	50	68	53	56	-
LAF,50%	79	39	49	44	42	-
LAF,60dB	93 %	0 %	19 %	1 %	0 %	- %
LAF,65dB	78 %	0 %	10 %	0 %	0 %	- %
LAF,70dB	63 %	0 %	2 %	0 %	0 %	- %
LAeq	87	42	59	41	48	60

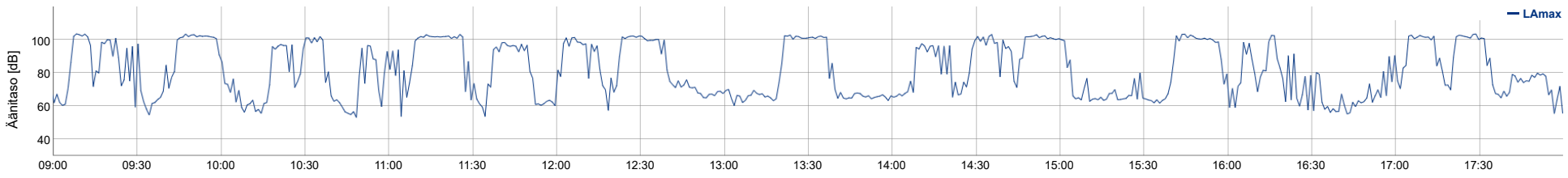
Pysyvyystasot



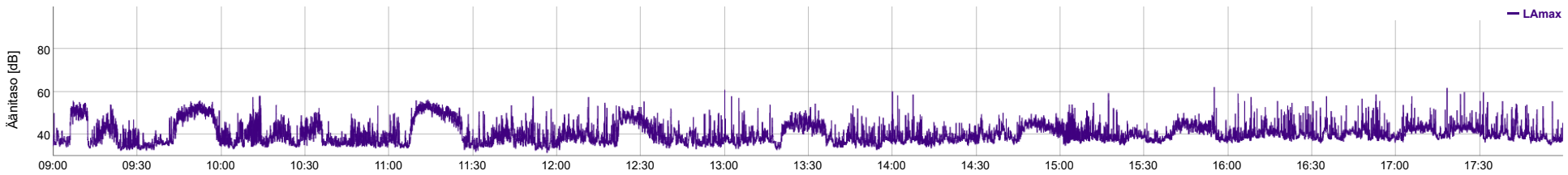
Spektrit



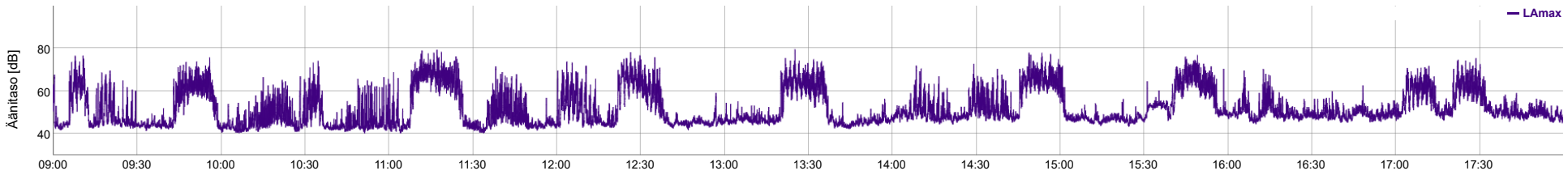
PS



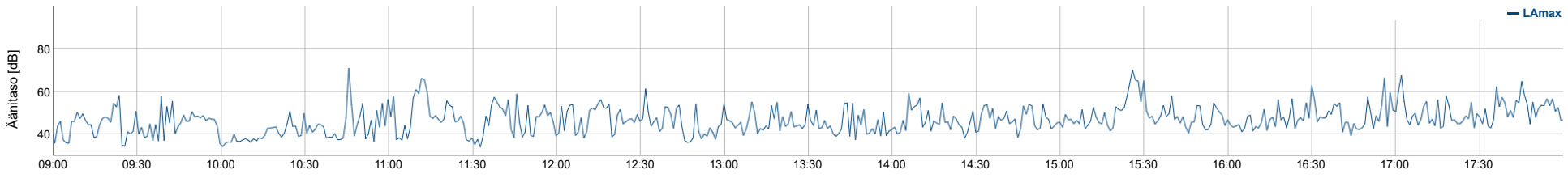
MP1



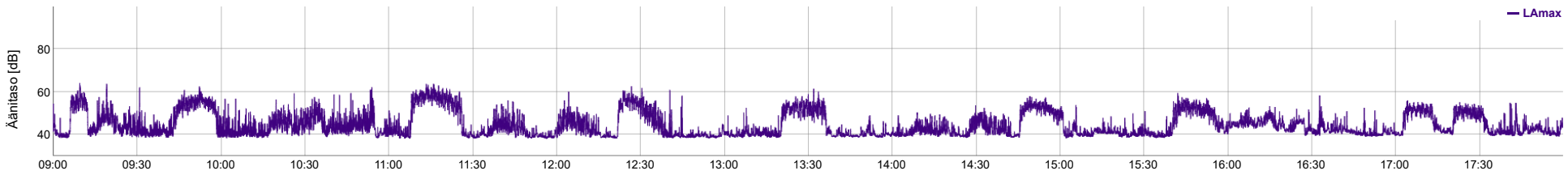
MP2



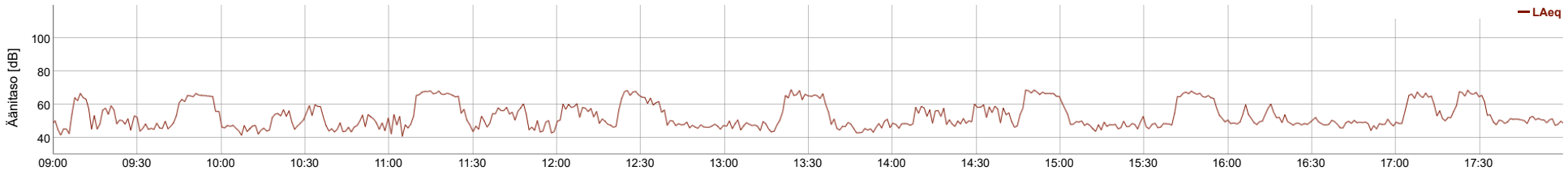
MP3



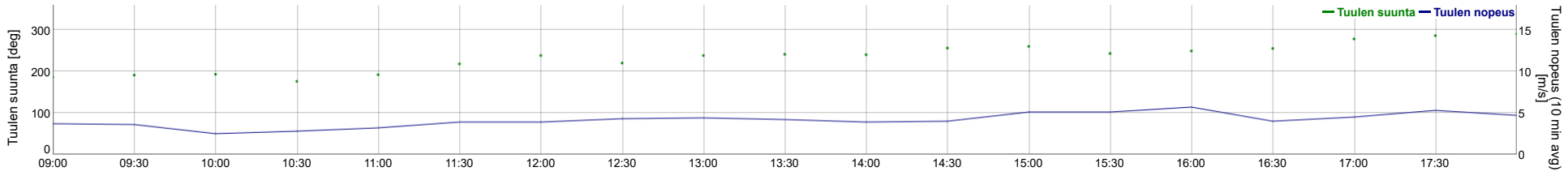
MP4



MP5



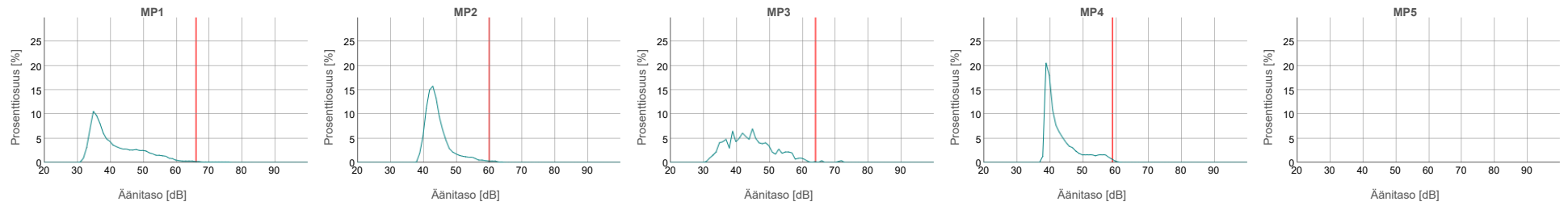
Säähavainnot



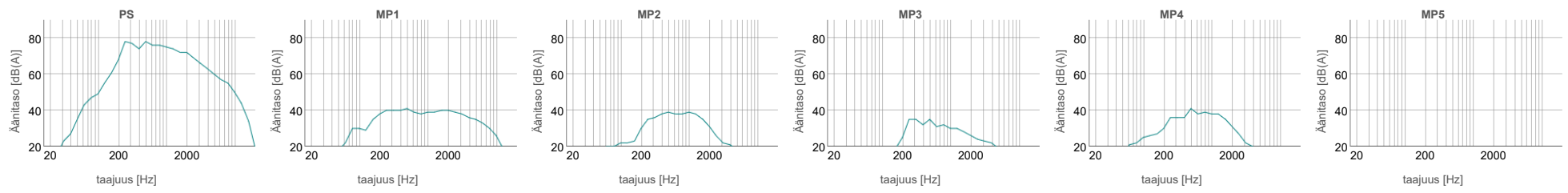
13.08.

0813	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	107	66	60	64	59	-
LAF,5%	104	57	54	57	56	-
LAF,50%	83	39	44	44	41	-
LAF,60dB	97 %	2 %	0 %	2 %	0 %	- %
LAF,65dB	92 %	1 %	0 %	0 %	0 %	- %
LAF,70dB	85 %	0 %	0 %	0 %	0 %	- %
LAeq	86	53	47	43	47	-

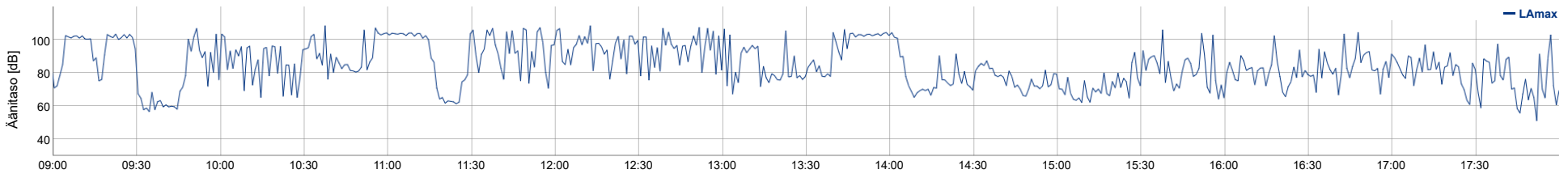
Pysyvyystasot



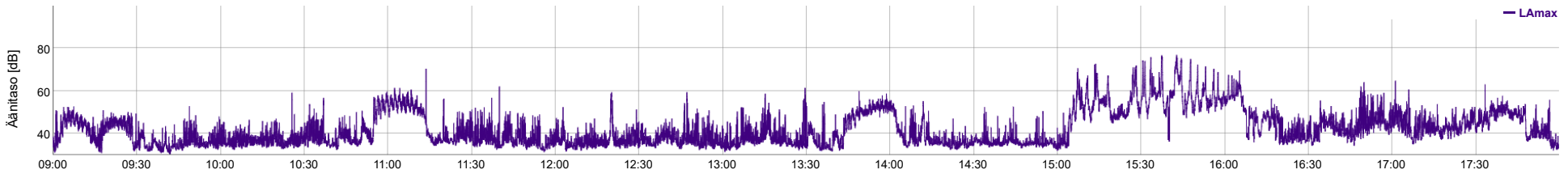
Spektrit



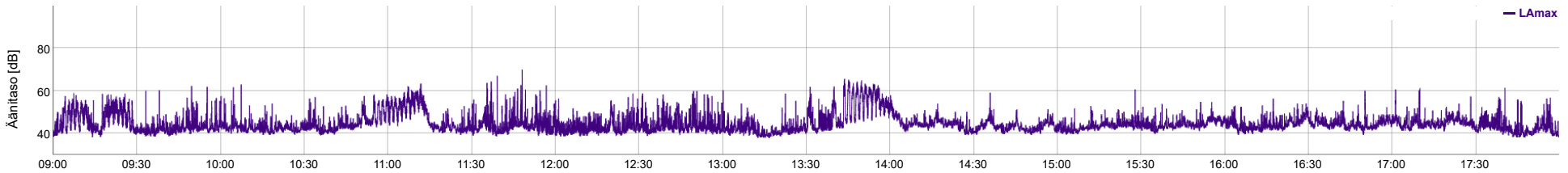
PS



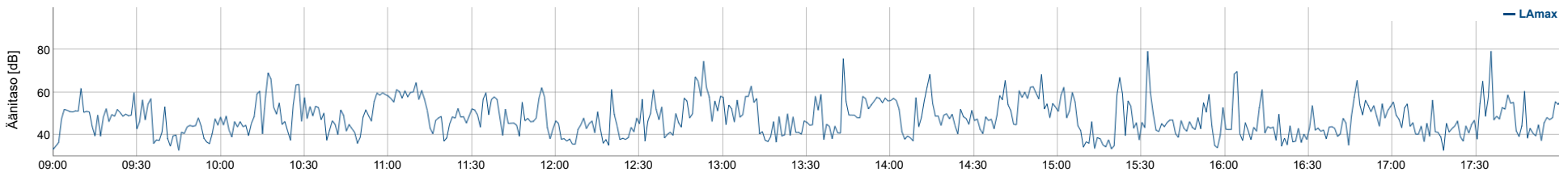
MP1



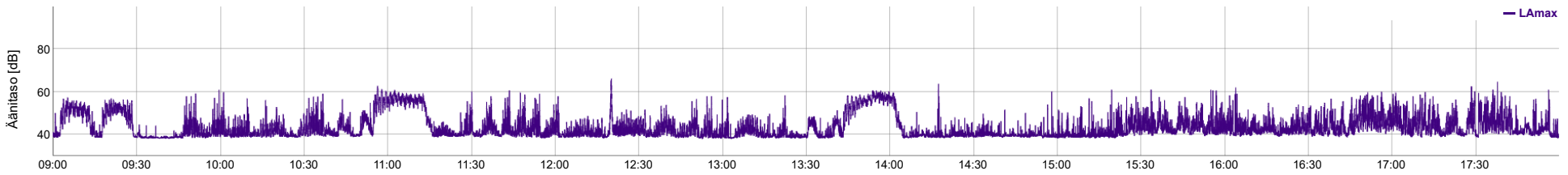
MP2



MP3



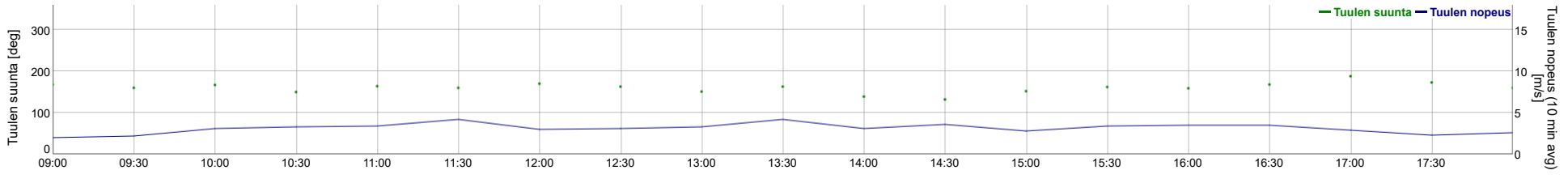
MP4



MP5



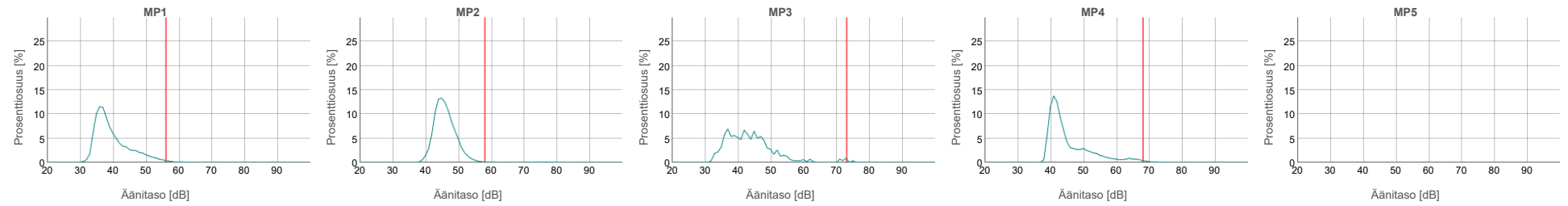
Säähavainnot



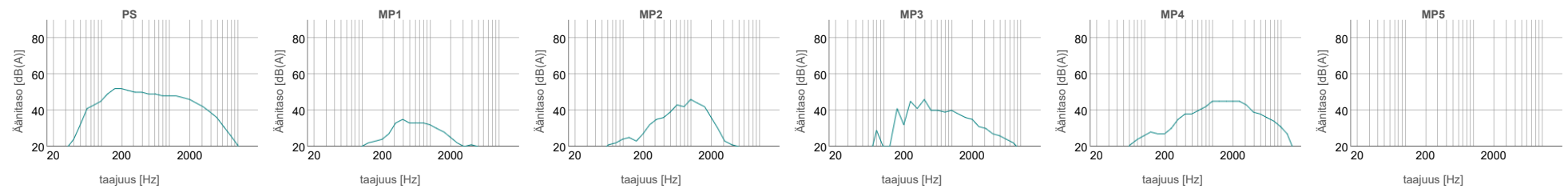
14.08.

0814	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	89	56	58	73	68	-
LAF,5%	80	51	52	57	62	-
LAF,50%	66	38	46	43	43	-
LAF,60dB	76 %	0 %	0 %	3 %	6 %	- %
LAF,65dB	54 %	0 %	0 %	2 %	2 %	- %
LAF,70dB	33 %	0 %	0 %	2 %	0 %	- %
LAeq	62	43	51	49	54	-

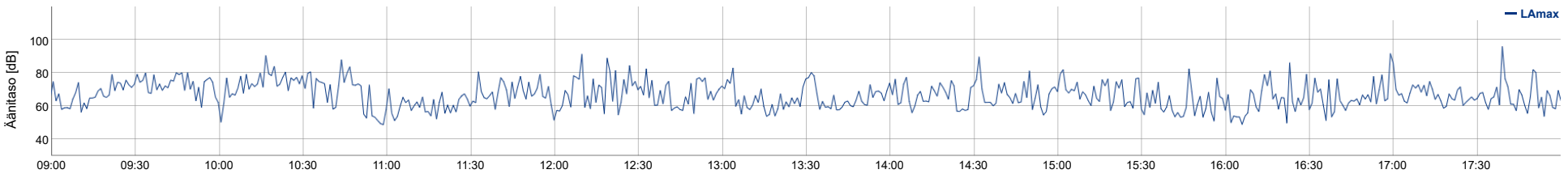
Pysyvyystasot



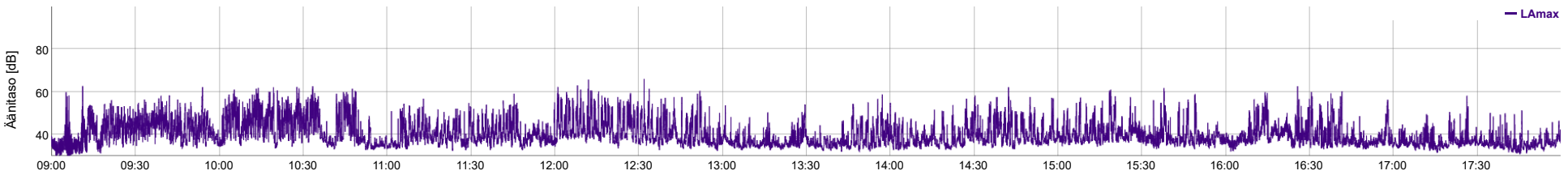
Spektrit



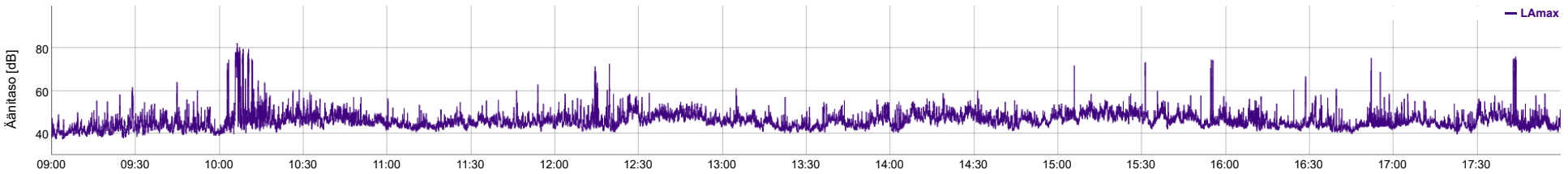
PS



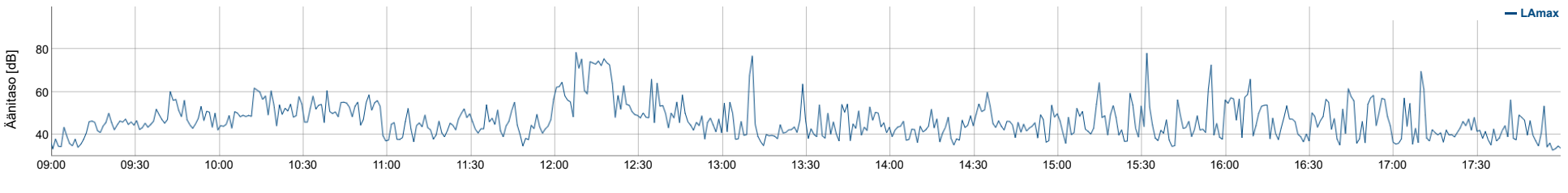
MP1



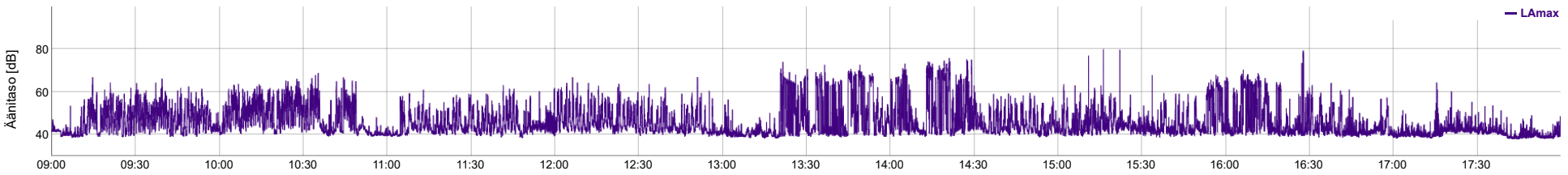
MP2



MP3



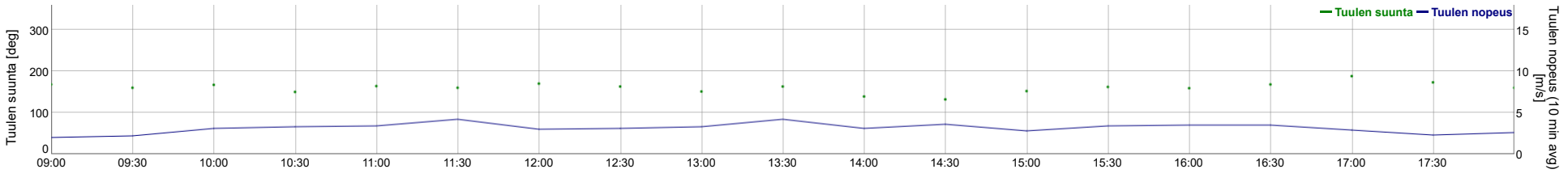
MP4



MP5



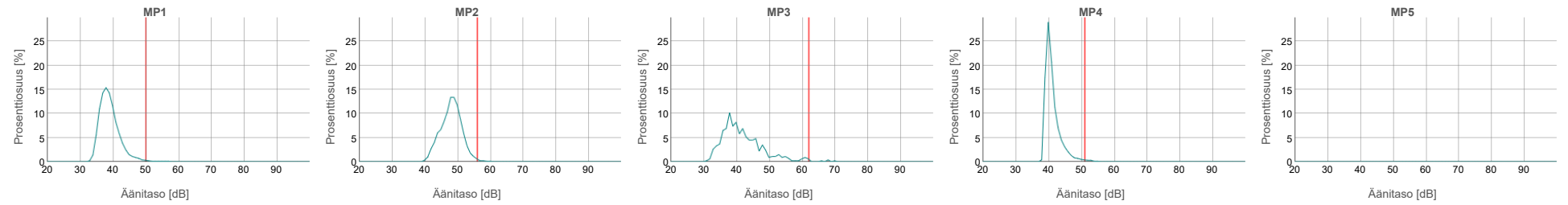
Säähavainnot



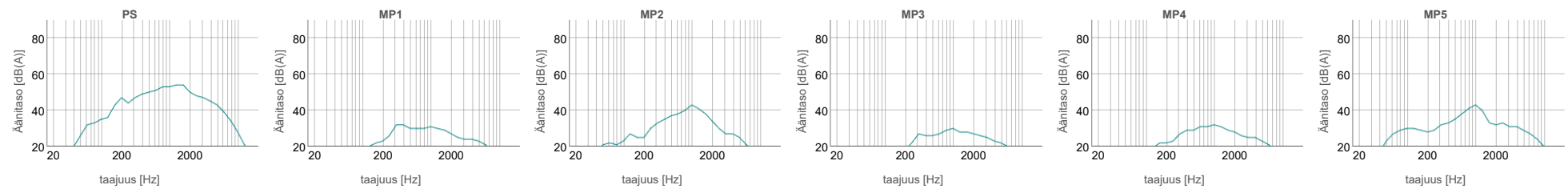
15.08.

0815	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	100	50	56	62	51	-
LAF,5%	91	45	53	55	46	-
LAF,50%	58	39	48	41	41	-
LAF,60dB	44 %	0 %	0 %	2 %	0 %	- %
LAF,65dB	35 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	30 %	0 %	0 %	0 %	0 %	- %
LAeq	68	40	48	40	42	49

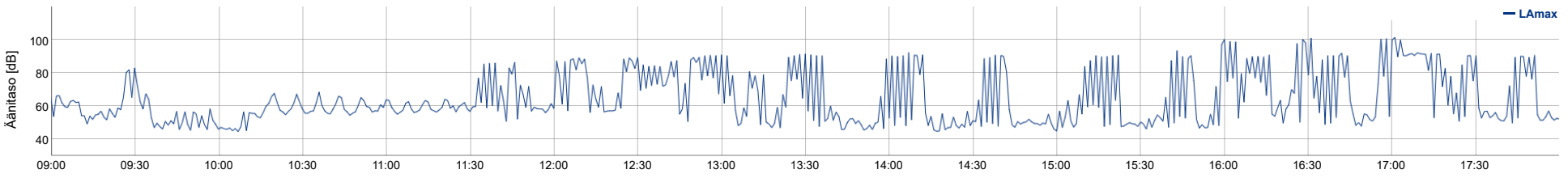
Pysyvyystasot



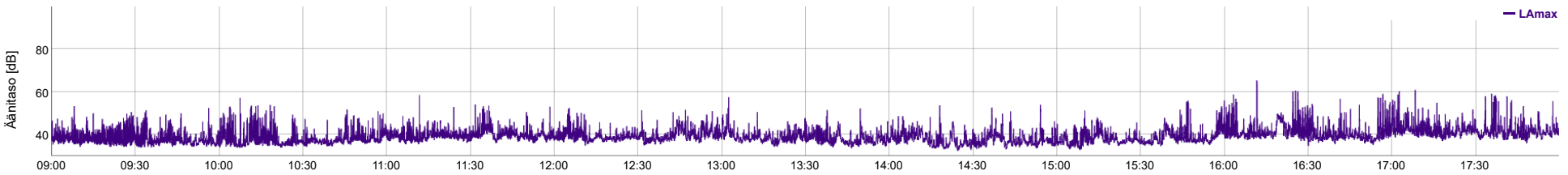
Spektrit



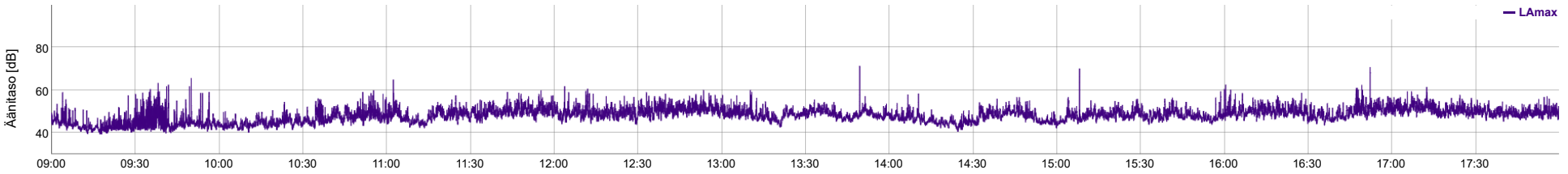
PS



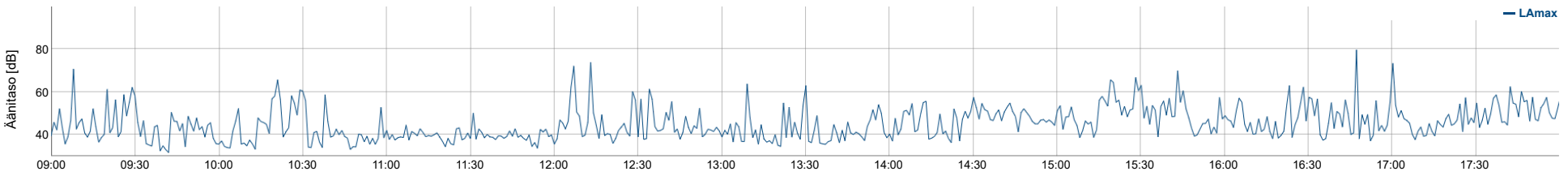
MP1



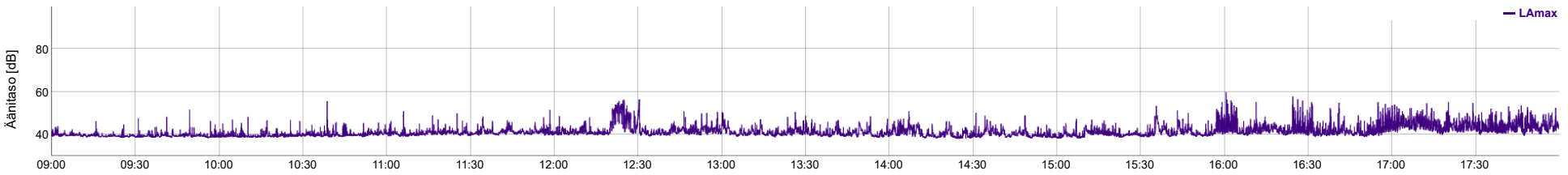
MP2



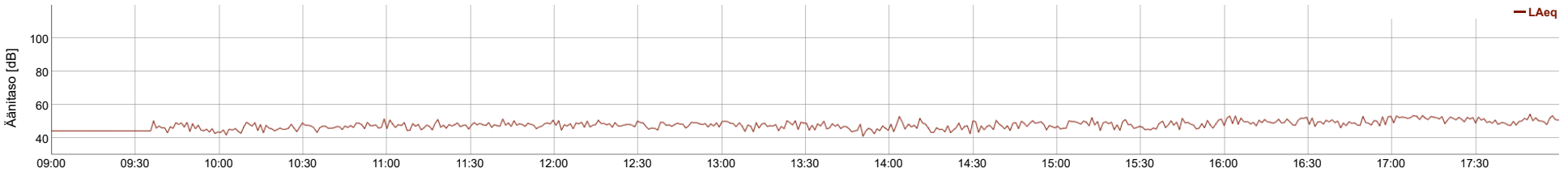
MP3



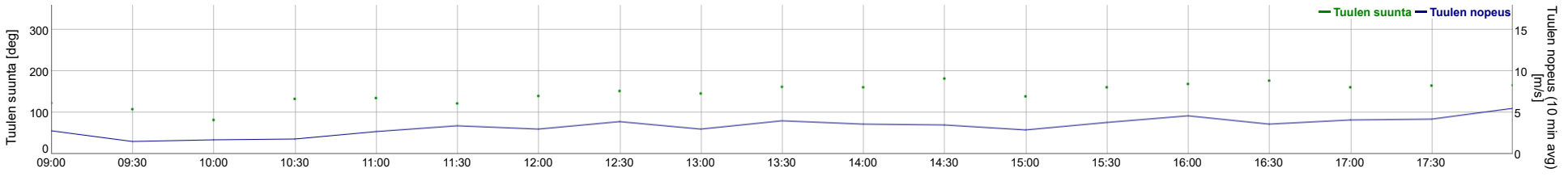
MP4



MP5



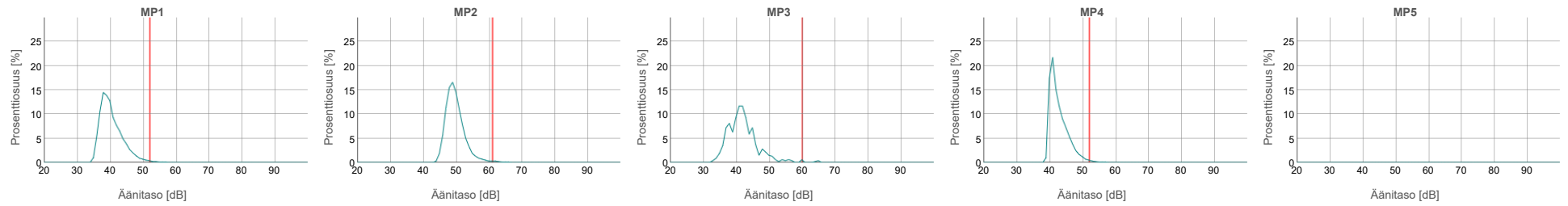
Säähavainnot



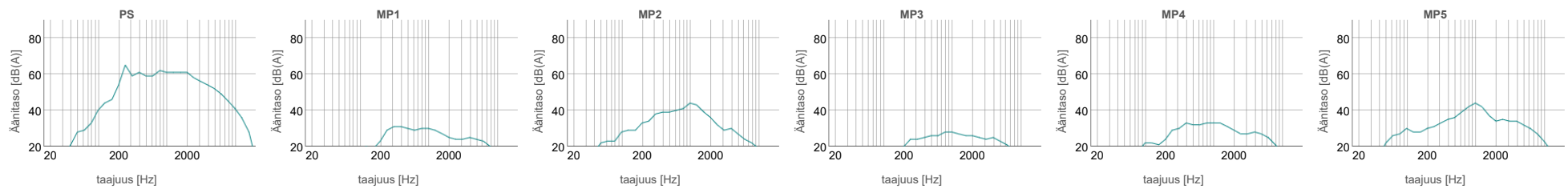
16.08.

0816	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	101	52	61	60	52	-
LAF,5%	99	47	55	50	48	-
LAF,50%	78	40	49	42	42	-
LAF,60dB	69 %	0 %	1 %	0 %	0 %	- %
LAF,65dB	62 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	59 %	0 %	0 %	0 %	0 %	- %
LAeq	73	41	50	39	43	50

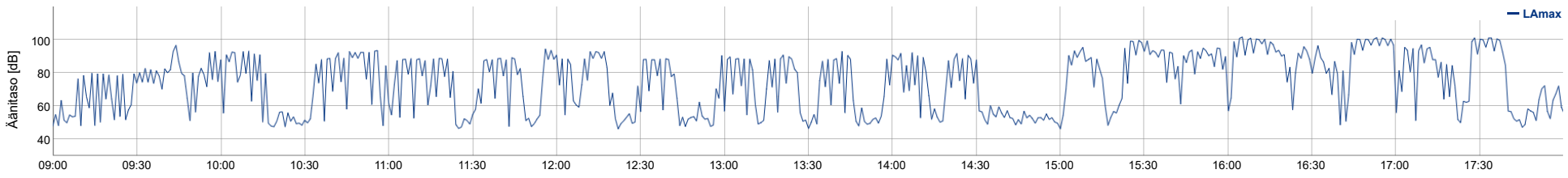
Pysyvyystasot



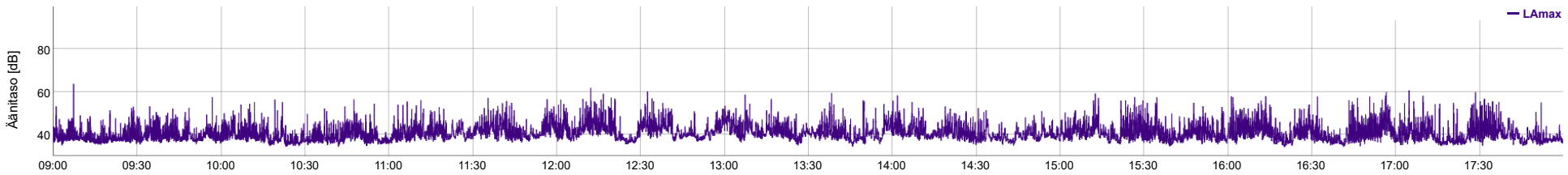
Spektrit



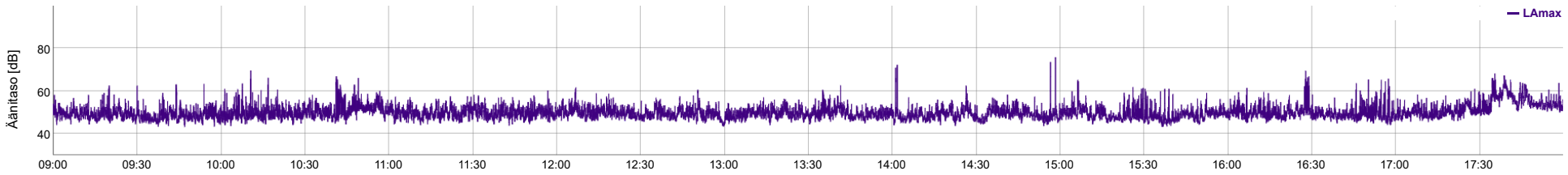
PS



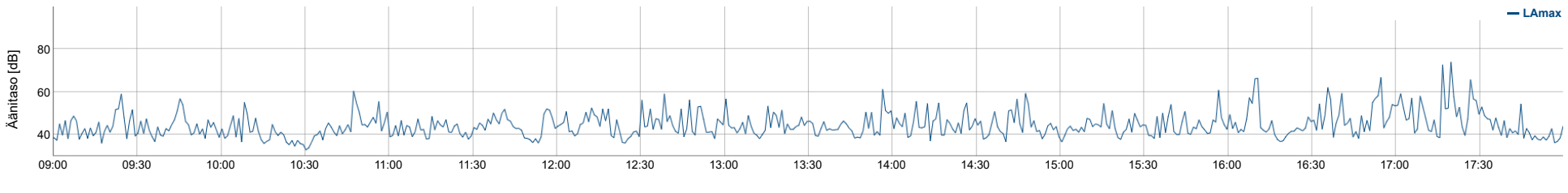
MP1



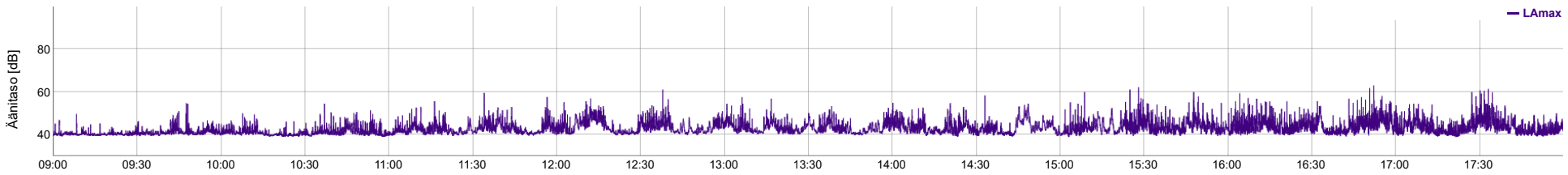
MP2



MP3



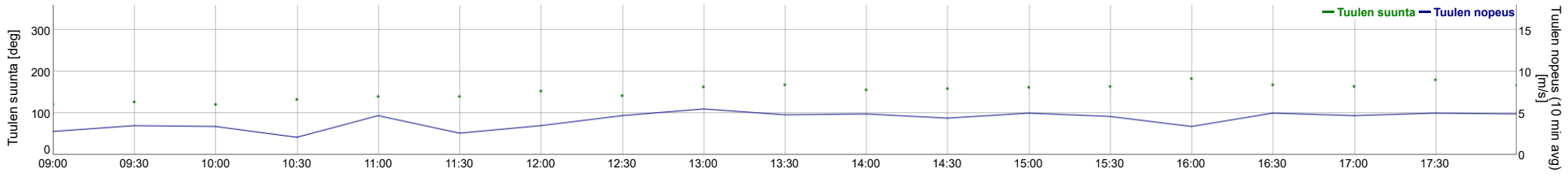
MP4



MP5



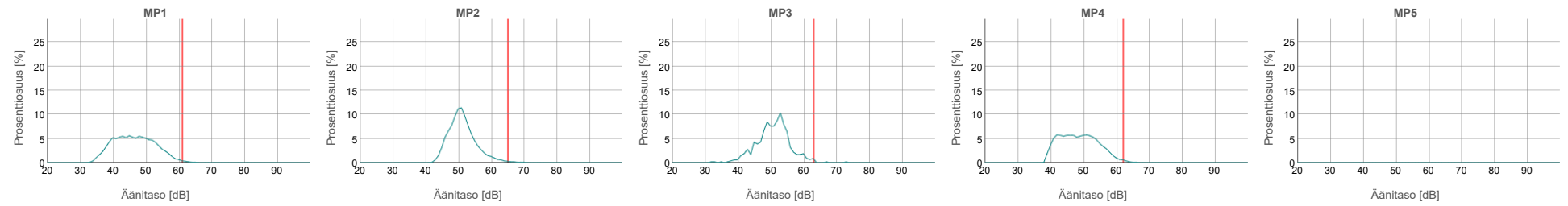
Säähavainnot



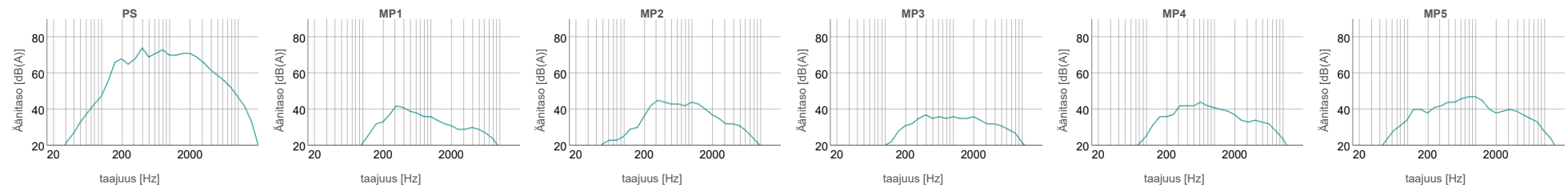
17.08.

0817	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	106	61	65	63	62	-
LAF,5%	106	57	60	59	58	-
LAF,50%	95	46	51	51	48	-
LAF,60dB	97 %	1 %	4 %	3 %	2 %	- %
LAF,65dB	96 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	93 %	0 %	0 %	0 %	0 %	- %
LAeq	82	49	52	47	51	55

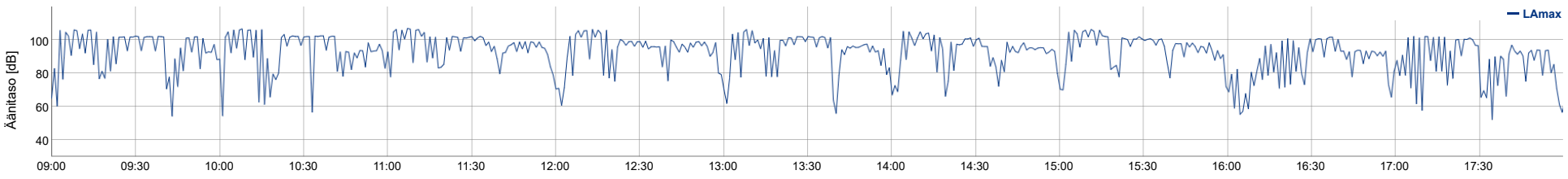
Pysyvyystasot



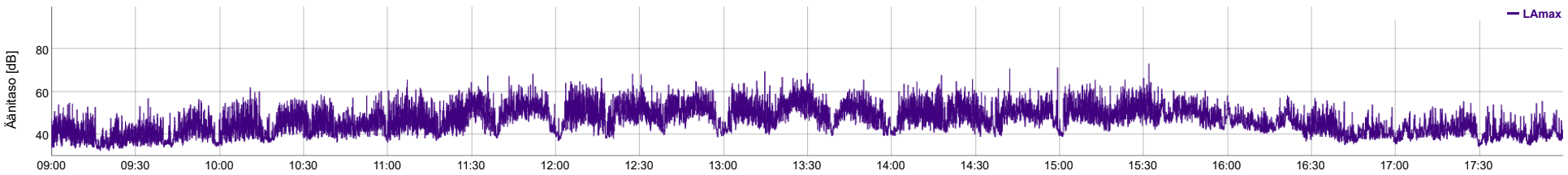
Spektrit



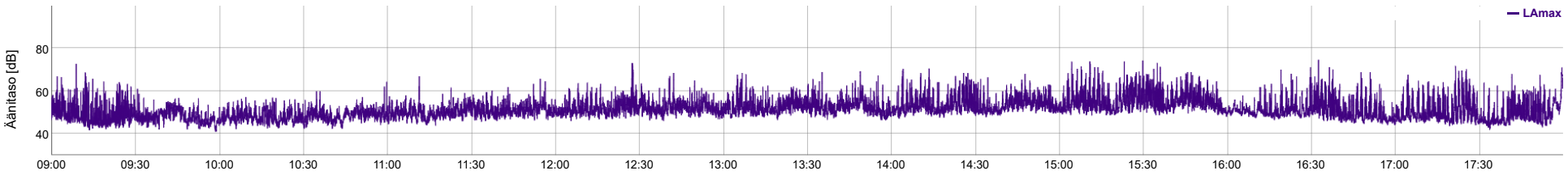
PS



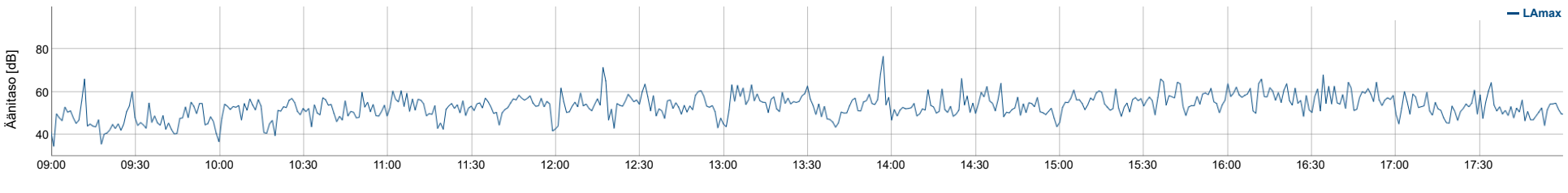
MP1



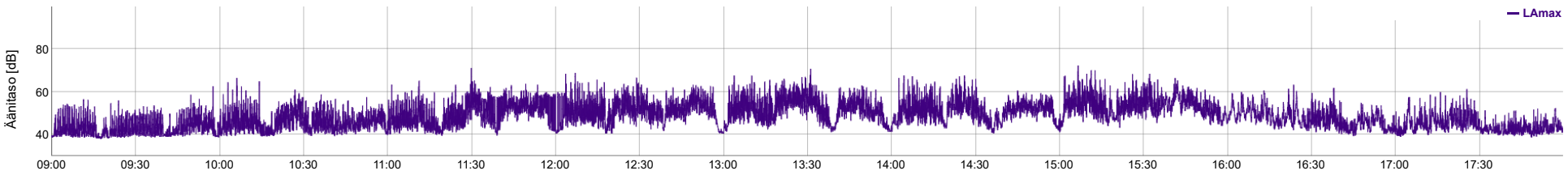
MP2



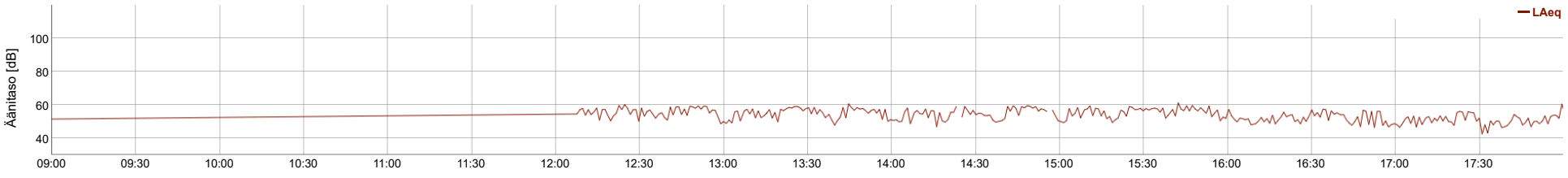
MP3



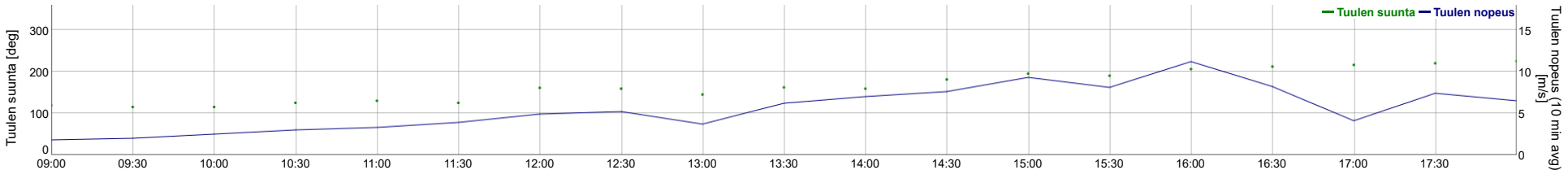
MP4



MP5



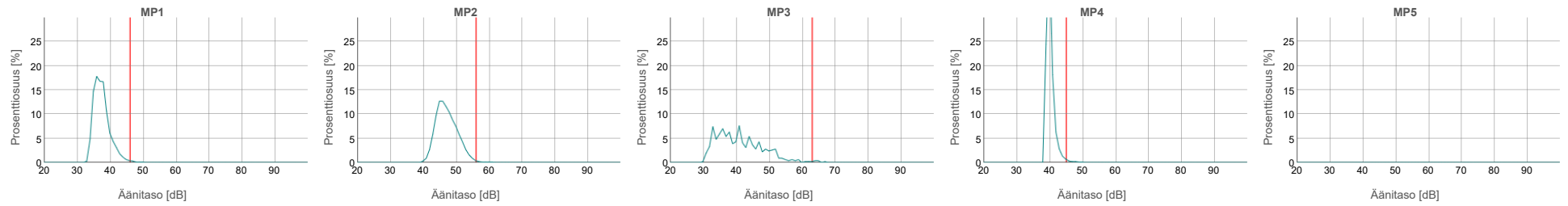
Säähavainnot



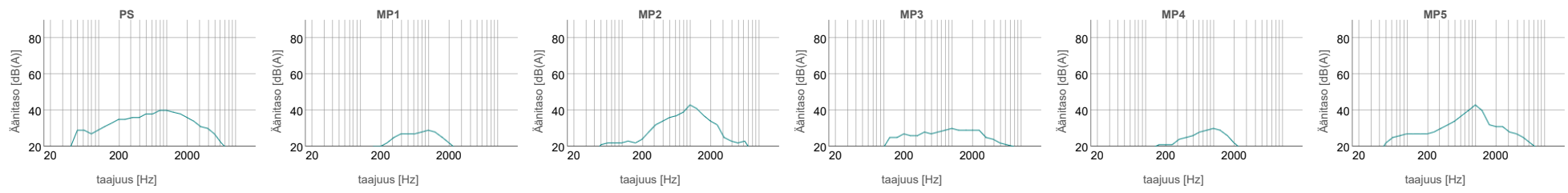
18.08.

0818	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	78	46	56	63	45	-
LAF,5%	68	42	53	53	43	-
LAF,50%	51	37	47	40	40	-
LAF,60dB	14 %	0 %	0 %	1 %	0 %	- %
LAF,65dB	7 %	0 %	0 %	0 %	0 %	- %
LAF,70dB	2 %	0 %	0 %	0 %	0 %	- %
LAeq	50	38	48	40	40	48

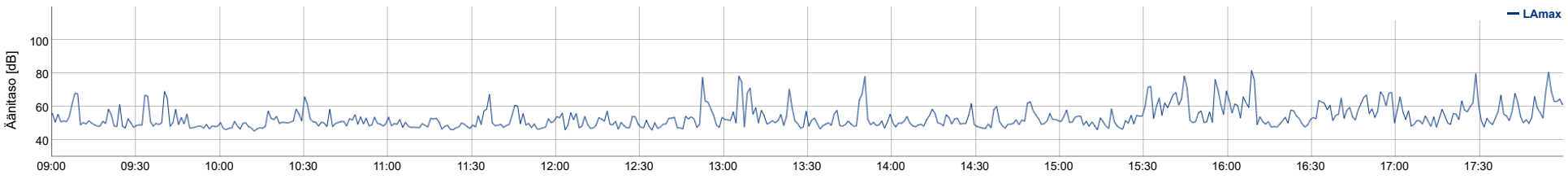
Pysyvyystasot



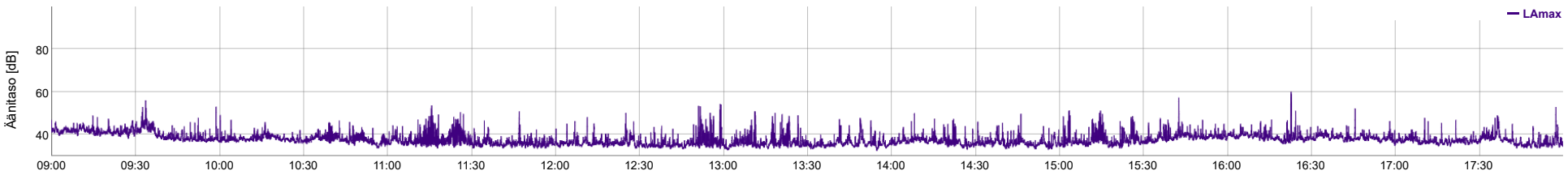
Spektrit



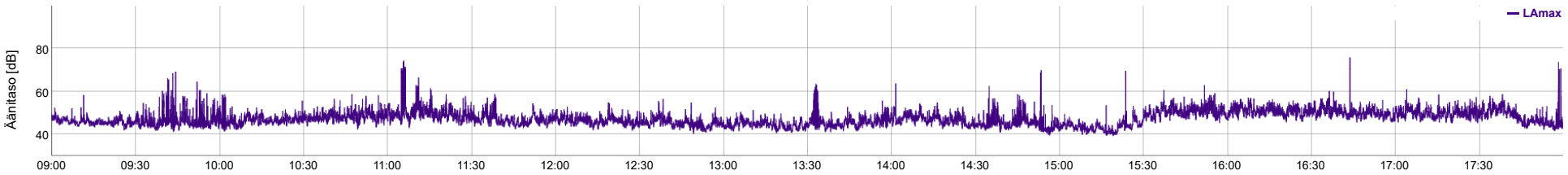
PS



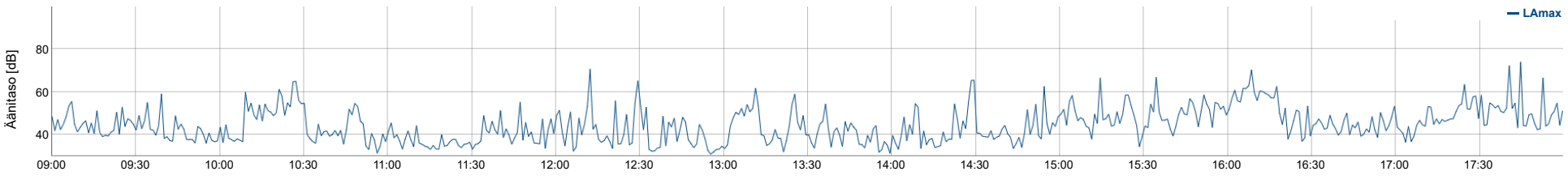
MP1



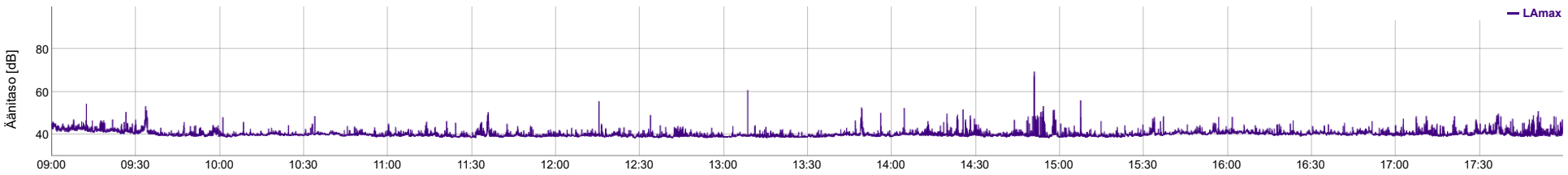
MP2



MP3



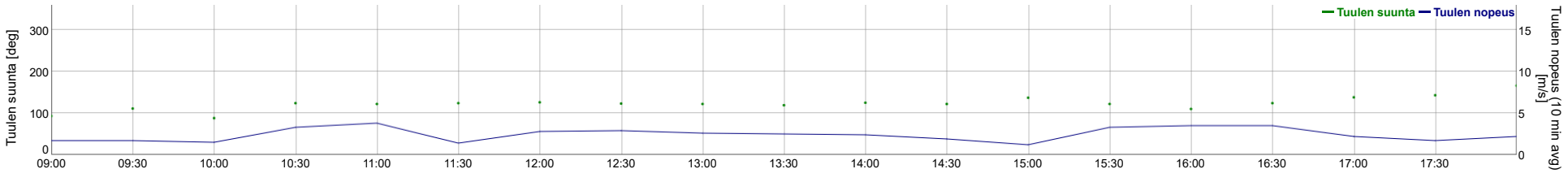
MP4



MP5



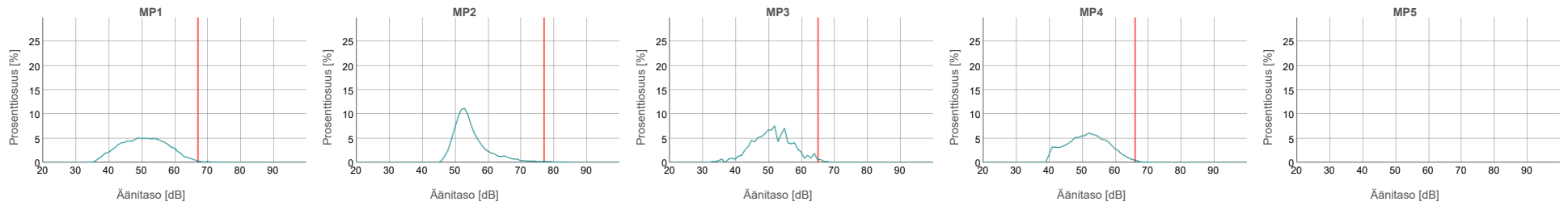
Säähavainnot



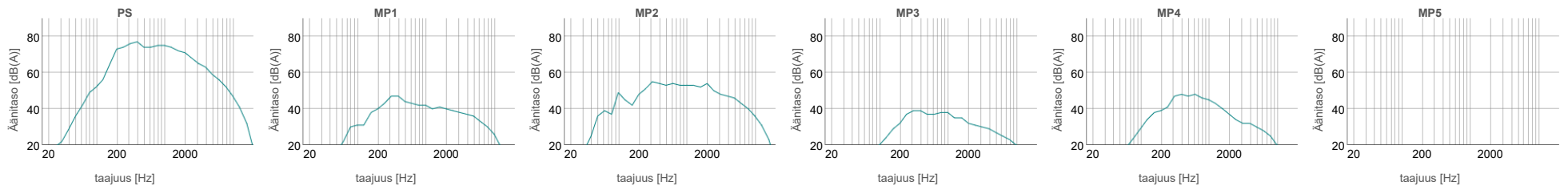
19.08.

0819	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	106	67	77	65	66	-
LAF,5%	104	62	67	62	62	-
LAF,50%	96	51	54	51	52	-
LAF,60dB	98 %	10 %	15 %	7 %	9 %	- %
LAF,65dB	96 %	2 %	7 %	1 %	1 %	- %
LAF,70dB	94 %	0 %	2 %	0 %	0 %	- %
LAeq	85	55	64	48	55	-

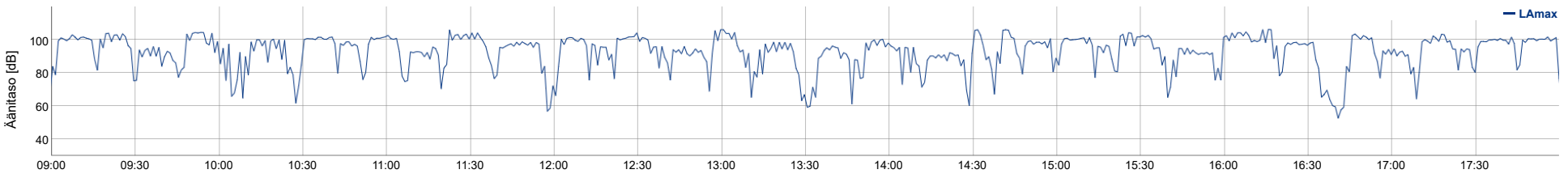
Pysyvyystasot



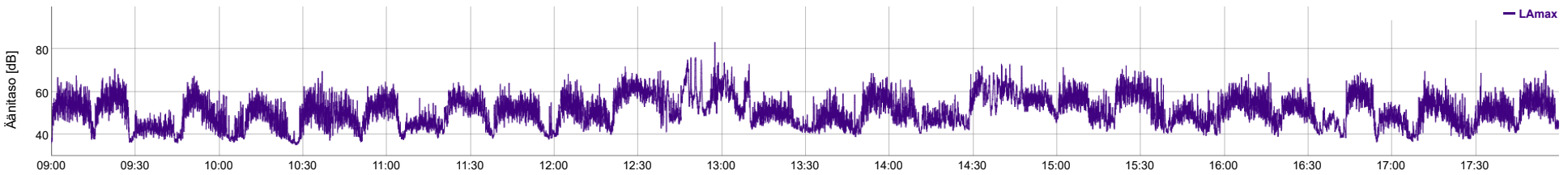
Spektrit



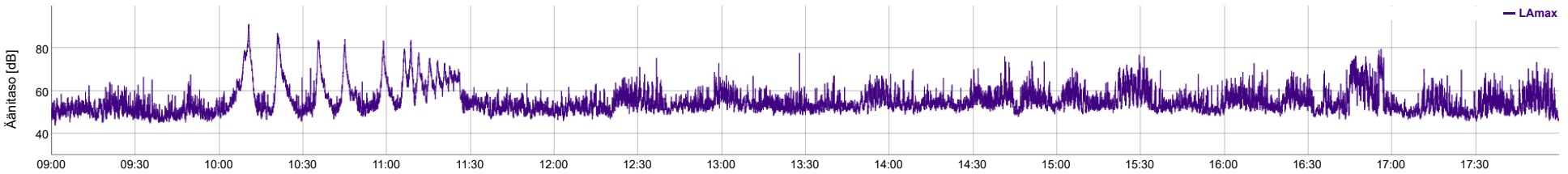
PS



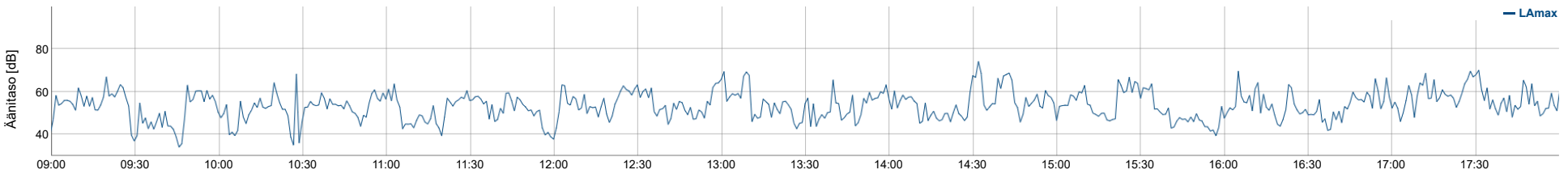
MP1



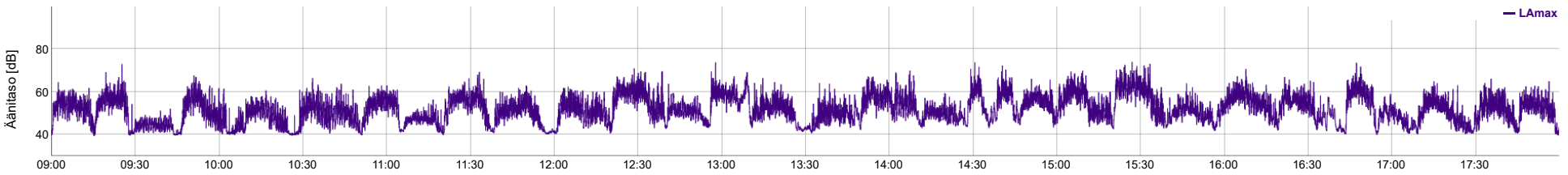
MP2



MP3



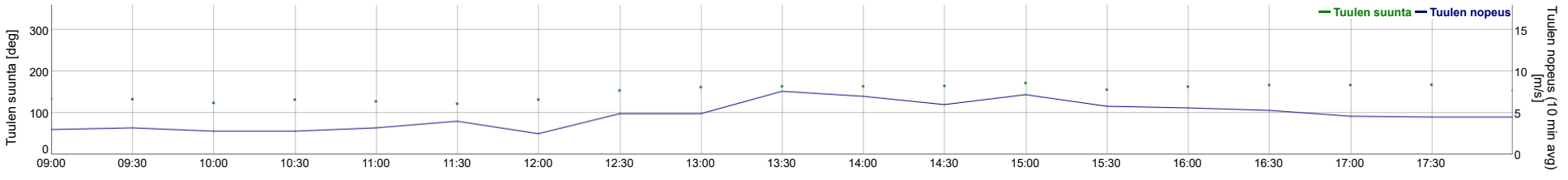
MP4



MP5



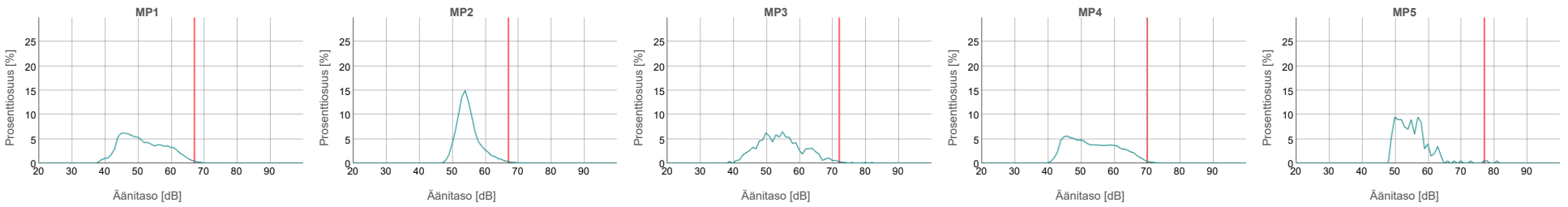
Säähavainnot



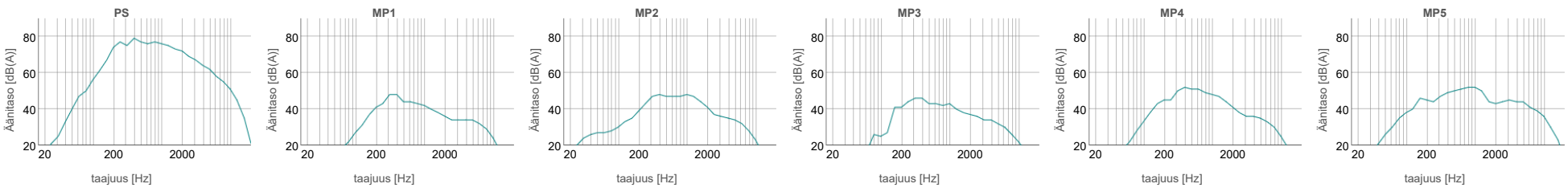
20.08.

0820	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	106	67	67	72	70	77
LAF,5%	104	63	62	66	66	63
LAF,50%	90	51	54	54	53	55
LAF,60dB	94 %	13 %	9 %	20 %	23 %	13 %
LAF,65dB	87 %	2 %	2 %	7 %	7 %	3 %
LAF,70dB	82 %	0 %	0 %	2 %	0 %	1 %
LAeq	85	55	56	54	58	57

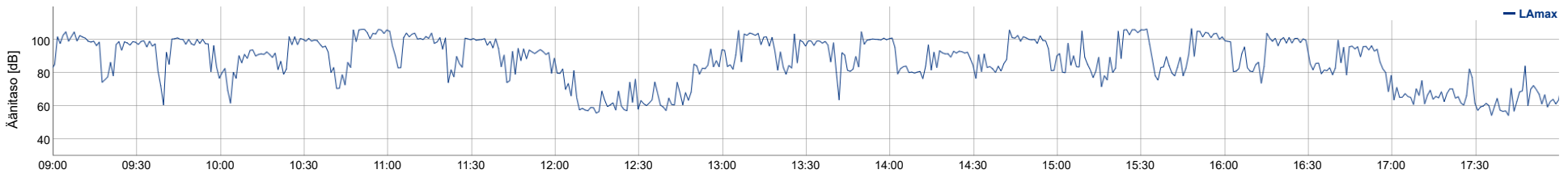
Pysyvyystasot



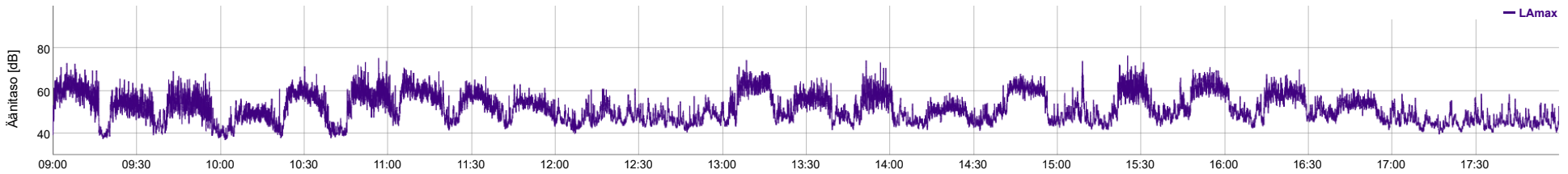
Spektrit



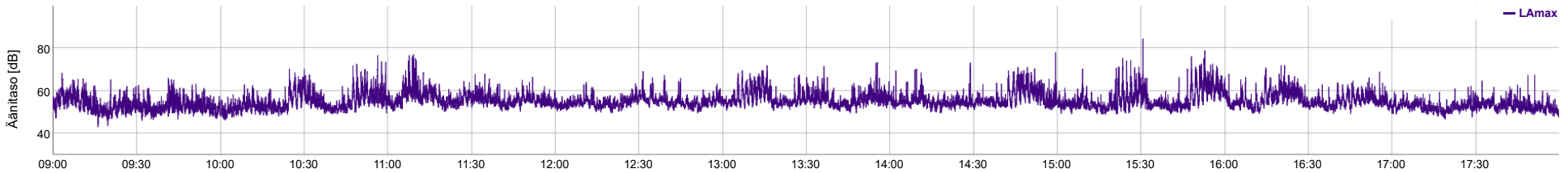
PS



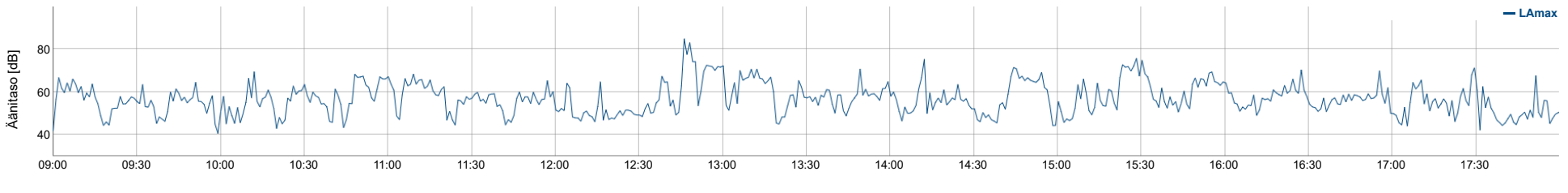
MP1



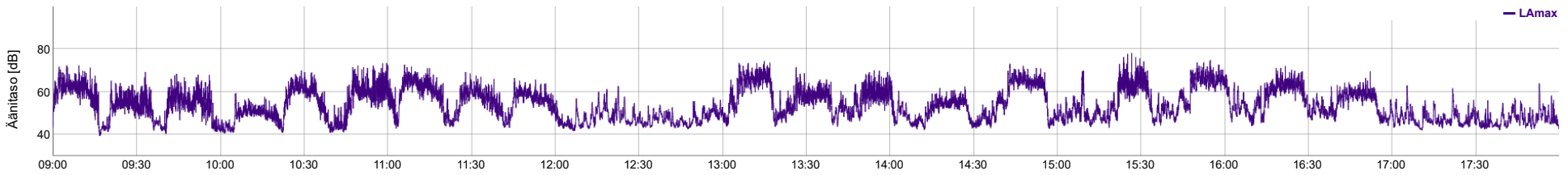
MP2



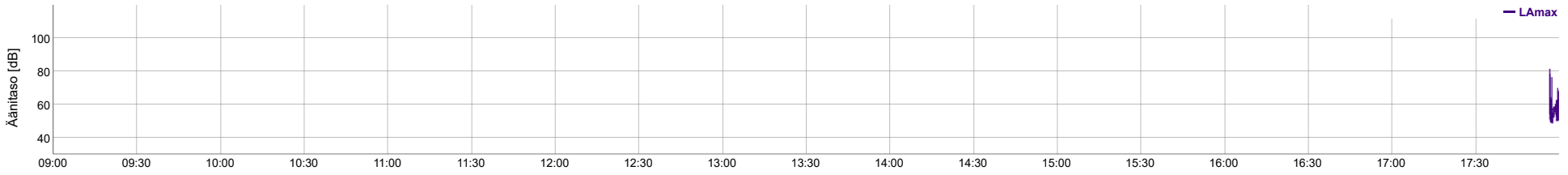
MP3



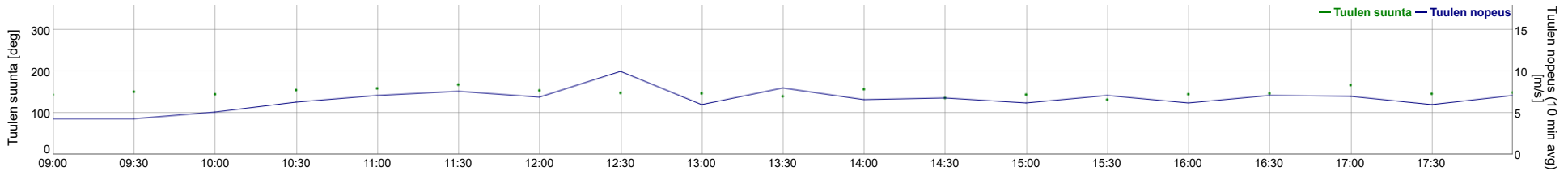
MP4



MP5



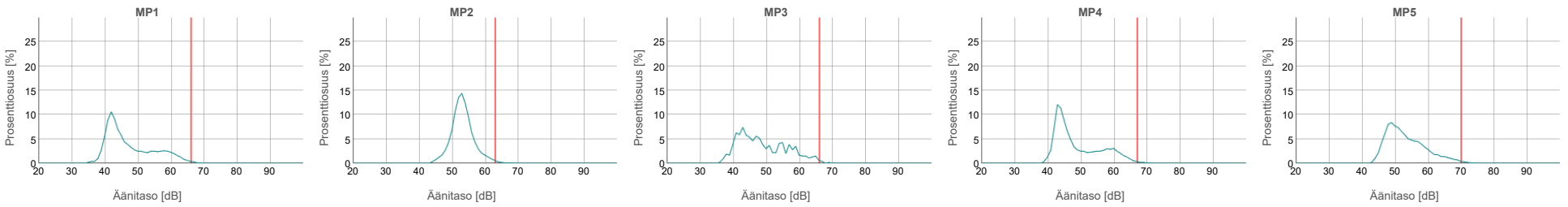
Säähavainnot



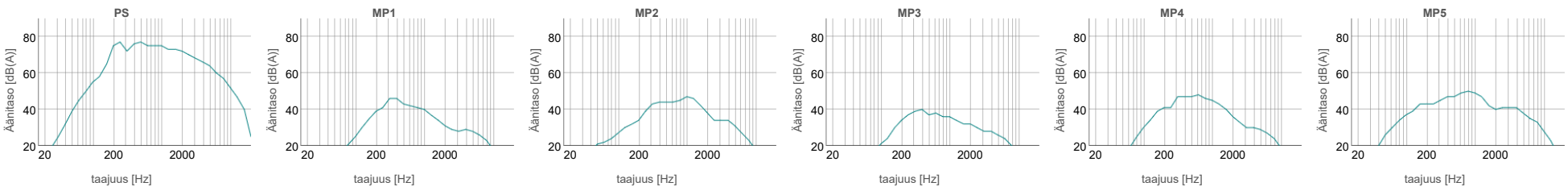
21.08.

0821	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	106	66	63	66	67	70
LAF,5%	103	62	60	62	63	65
LAF,50%	82	45	53	48	46	52
LAF,60dB	93 %	8 %	4 %	8 %	11 %	14 %
LAF,65dB	88 %	1 %	0 %	1 %	1 %	5 %
LAF,70dB	79 %	0 %	0 %	0 %	0 %	0 %
LAeq	84	53	54	48	55	57

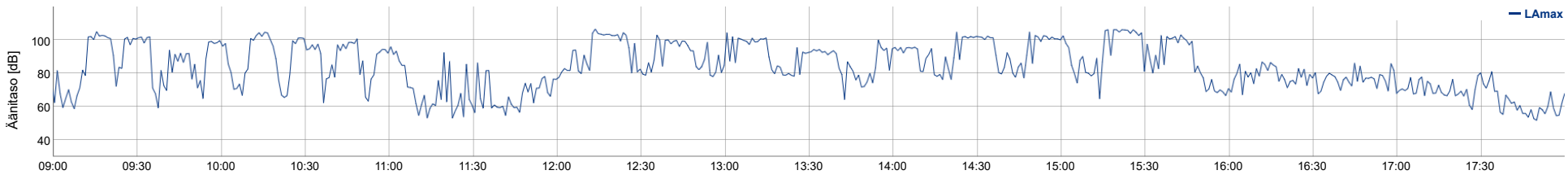
Pysyvyystasot



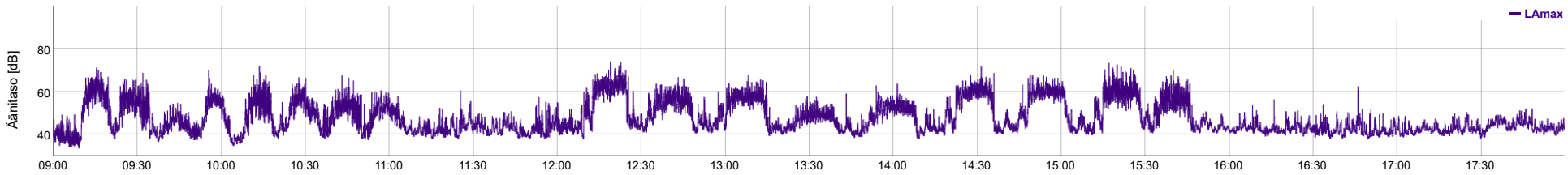
Spektrit



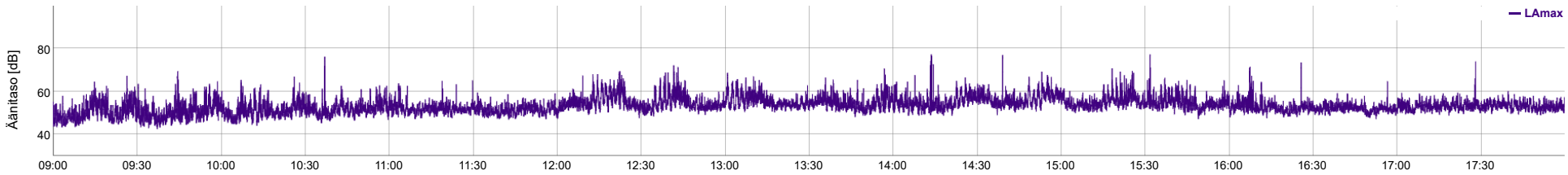
PS



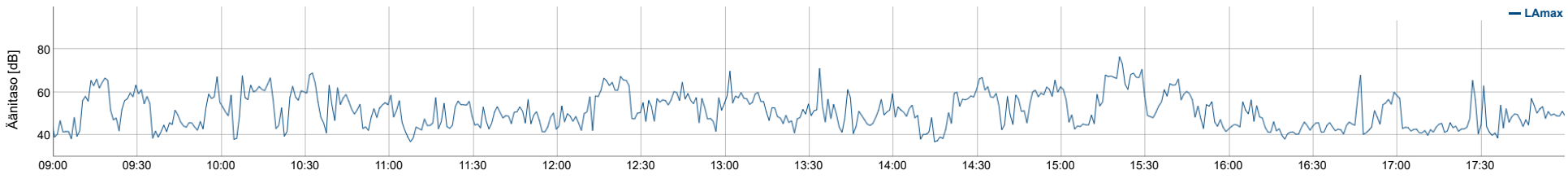
MP1



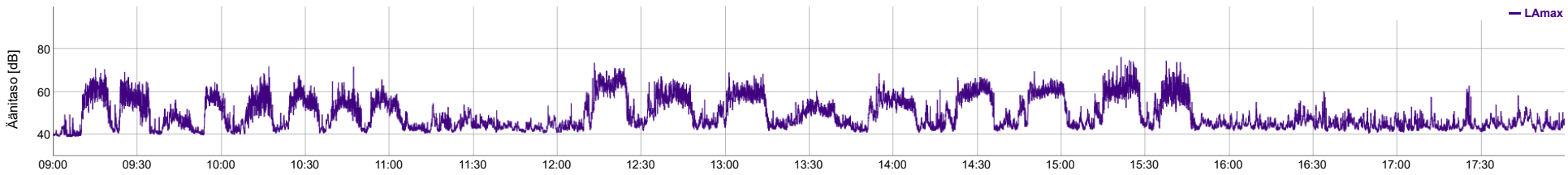
MP2



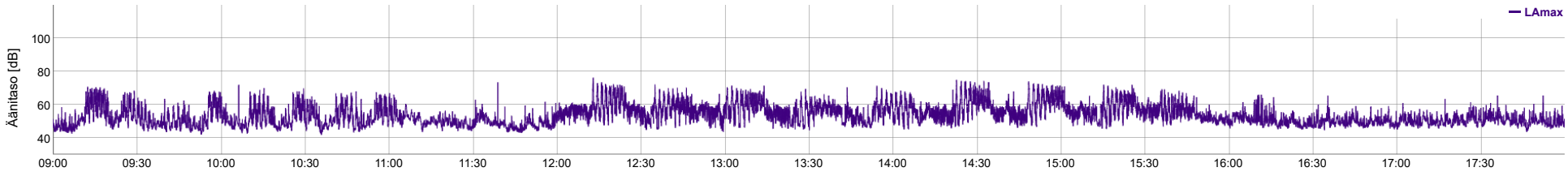
MP3



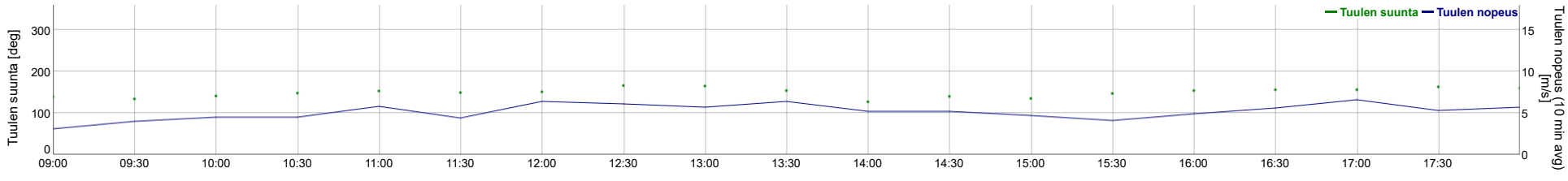
MP4



MP5



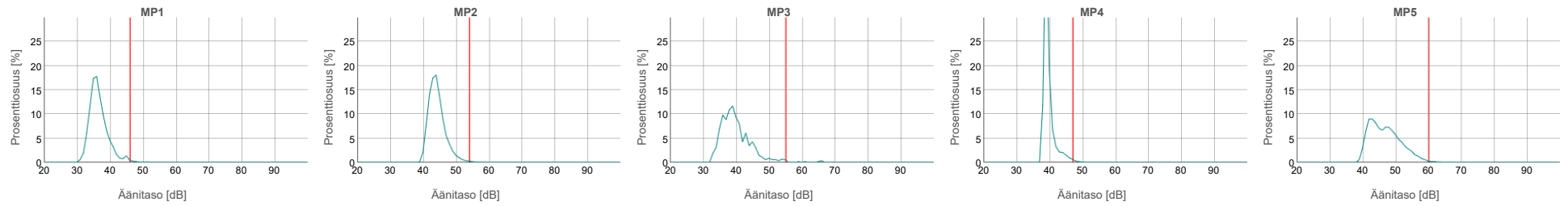
Säähavainnot



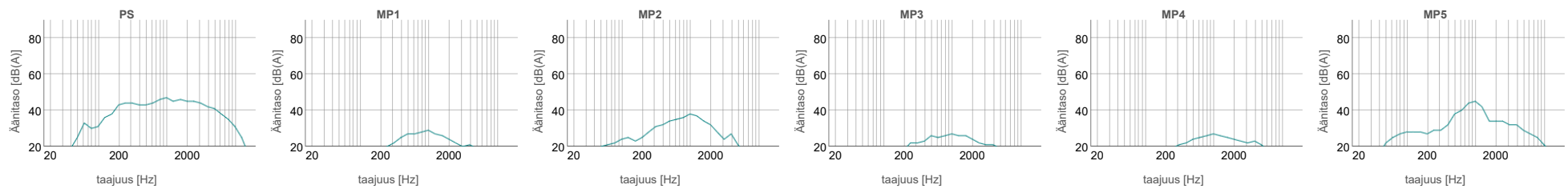
22.08.

0822	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	89	46	54	55	47	60
LAF,5%	88	42	49	49	44	56
LAF,50%	50	36	44	39	39	46
LAF,60dB	20 %	0 %	0 %	0 %	0 %	0 %
LAF,65dB	16 %	0 %	0 %	0 %	0 %	0 %
LAF,70dB	14 %	0 %	0 %	0 %	0 %	0 %
LAeq	62	37	44	37	40	50

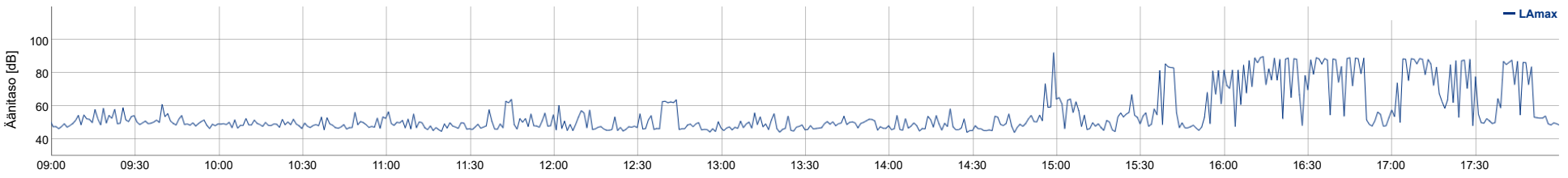
Pysyvyystasot



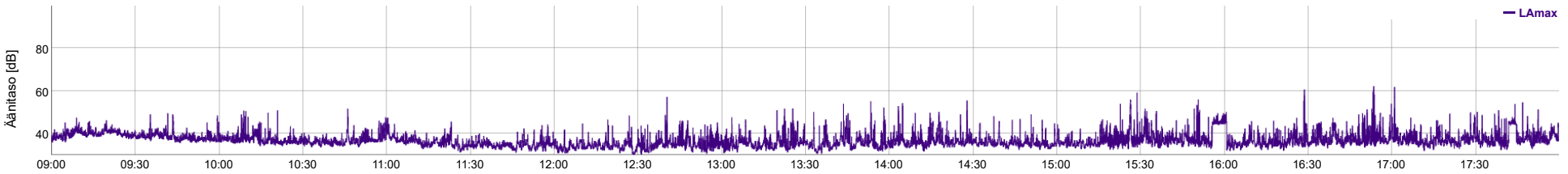
Spektrit



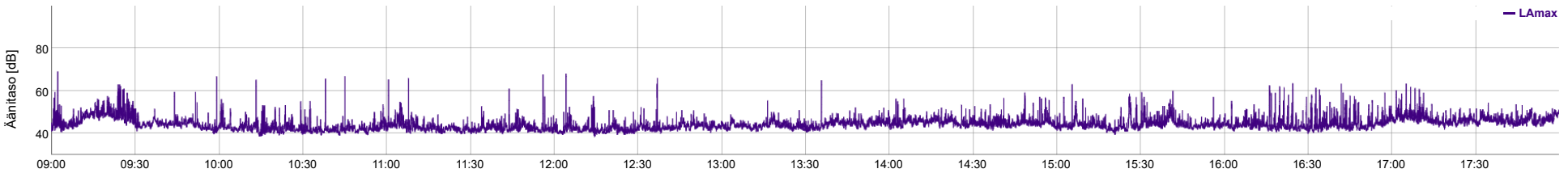
PS



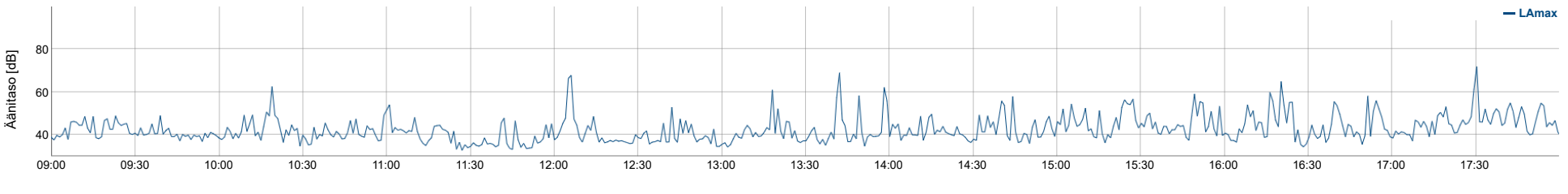
MP1



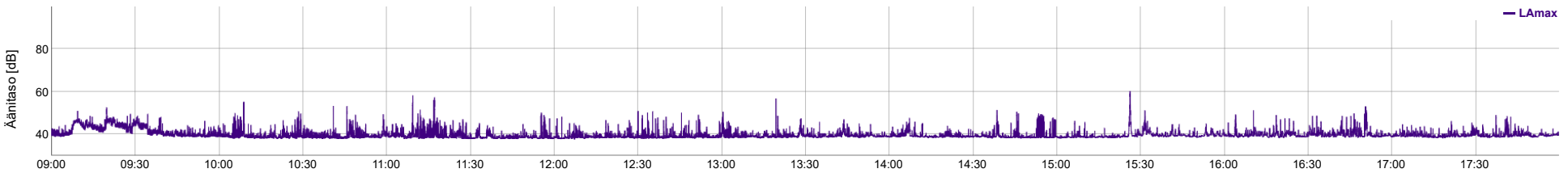
MP2



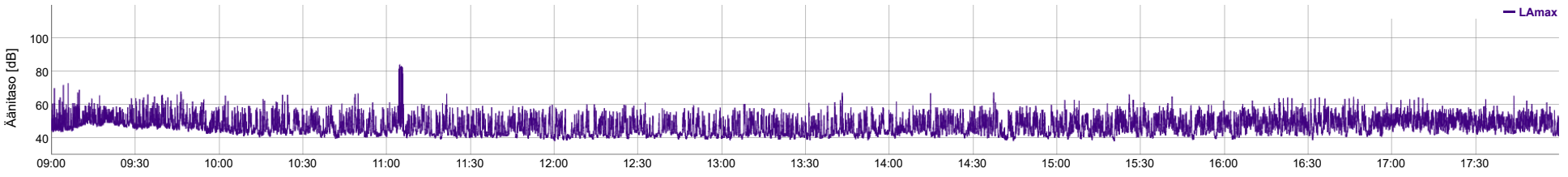
MP3



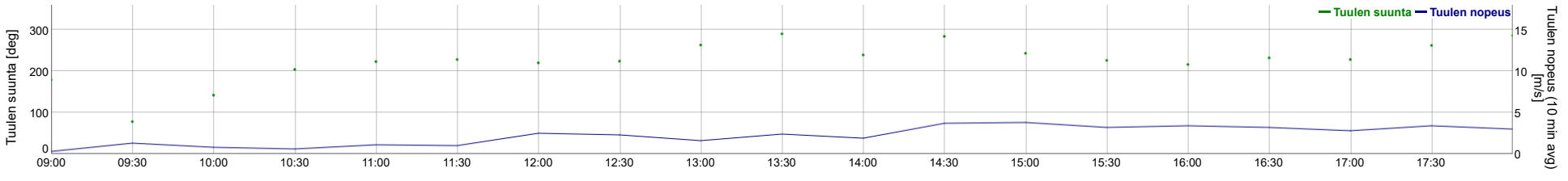
MP4



MP5



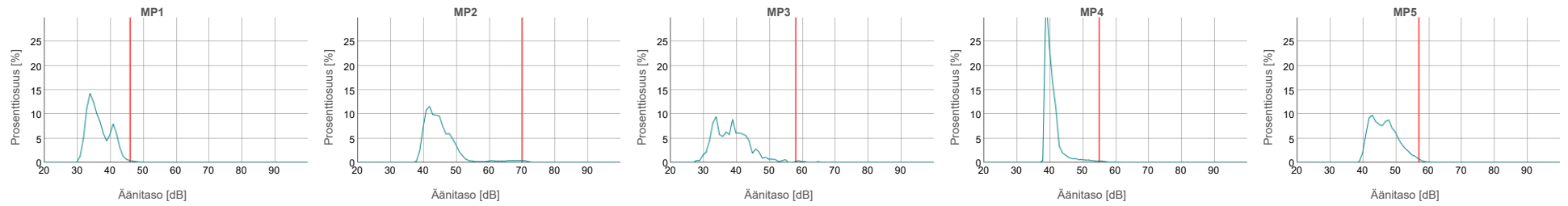
Säähavainnot



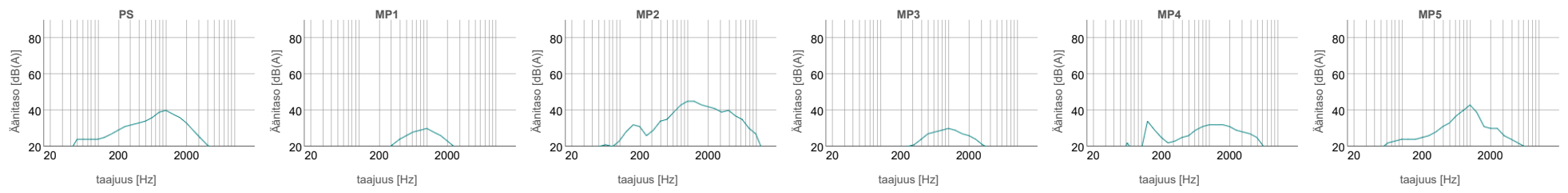
23.08.

0823	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	62	46	70	58	55	57
LAF,5%	58	43	58	49	47	54
LAF,50%	50	36	44	39	40	46
LAF,60dB	1 %	0 %	4 %	0 %	0 %	0 %
LAF,65dB	0 %	0 %	2 %	0 %	0 %	0 %
LAF,70dB	0 %	0 %	0 %	0 %	0 %	0 %
LAeq	46	37	53	37	43	48

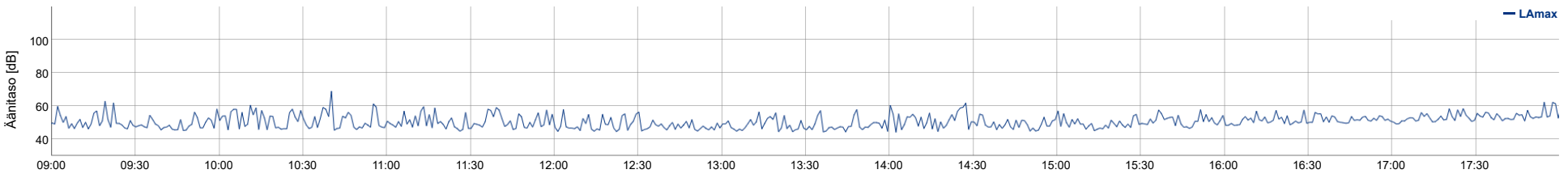
Pysyvyystasot



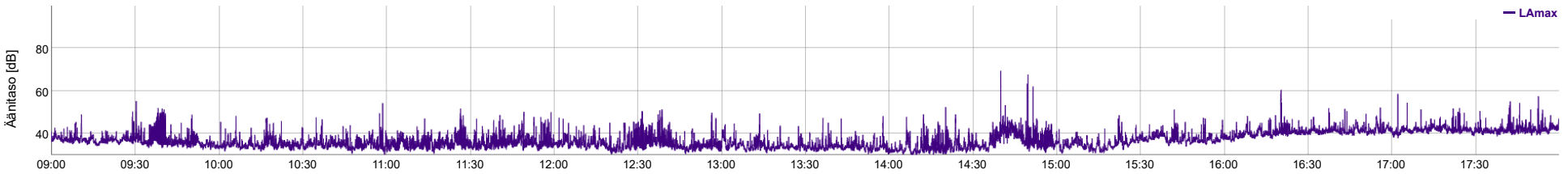
Spektrit



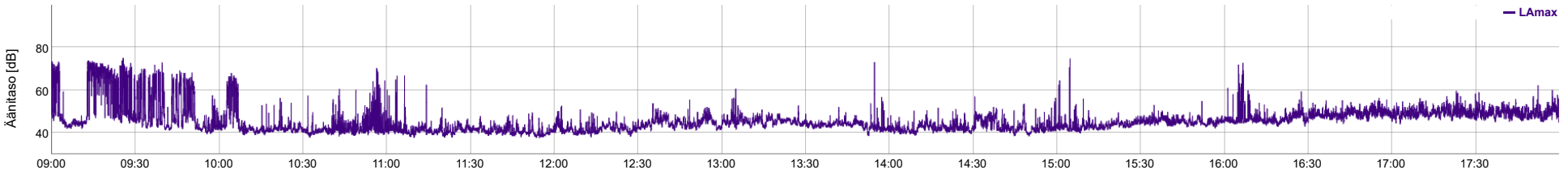
PS



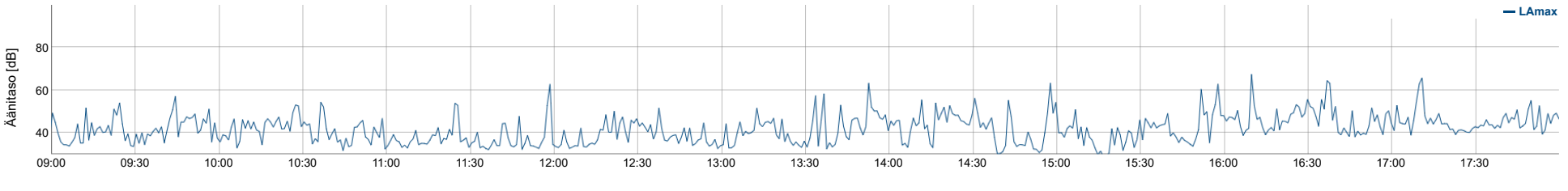
MP1



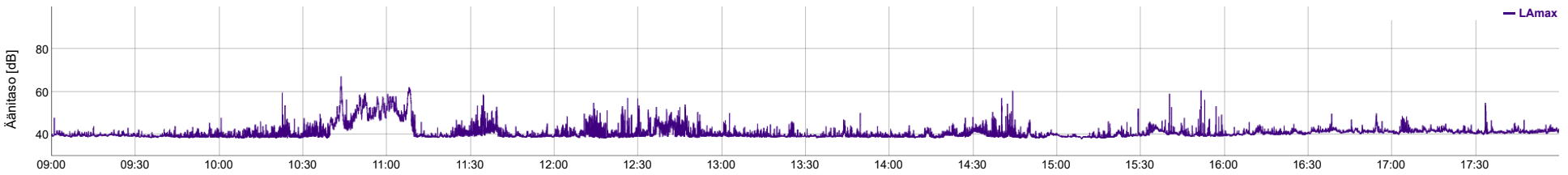
MP2



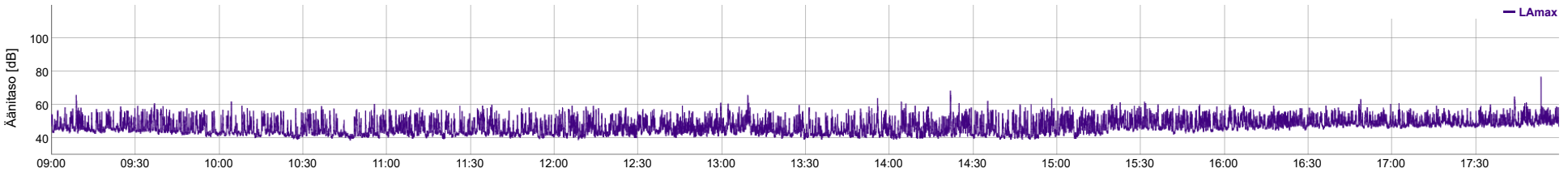
MP3



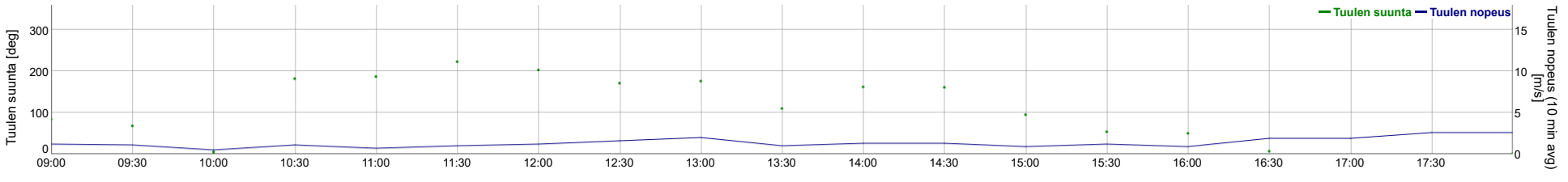
MP4



MP5



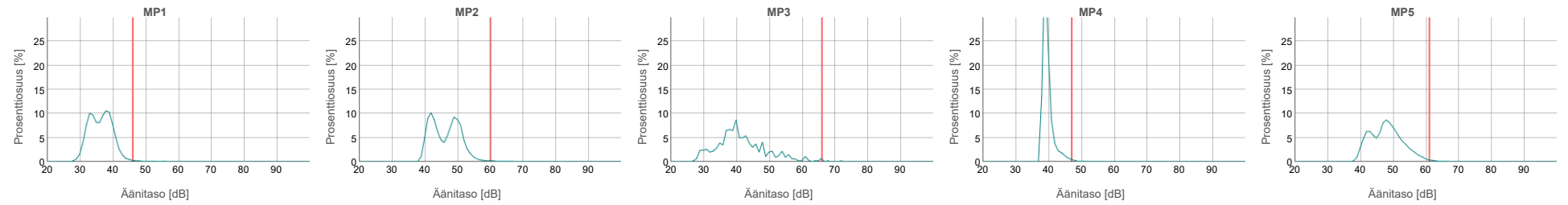
Säähavainnot



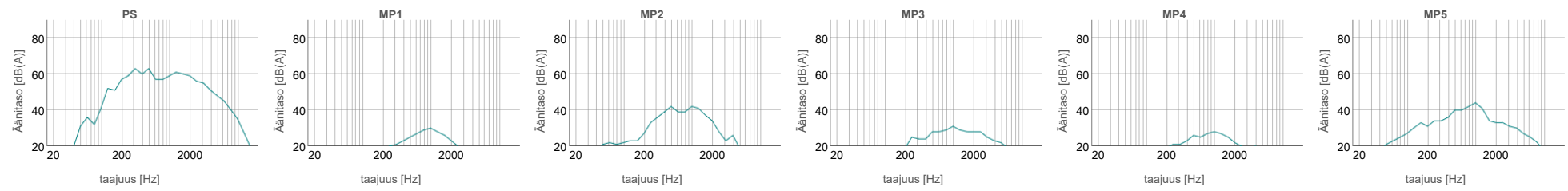
24.08.

0824	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	98	46	60	66	47	61
LAF,5%	97	42	54	56	44	57
LAF,50%	61	36	47	40	39	48
LAF,60dB	51 %	0 %	0 %	3 %	0 %	1 %
LAF,65dB	47 %	0 %	0 %	1 %	0 %	0 %
LAF,70dB	43 %	0 %	0 %	0 %	0 %	0 %
LAeq	73	37	48	41	40	50

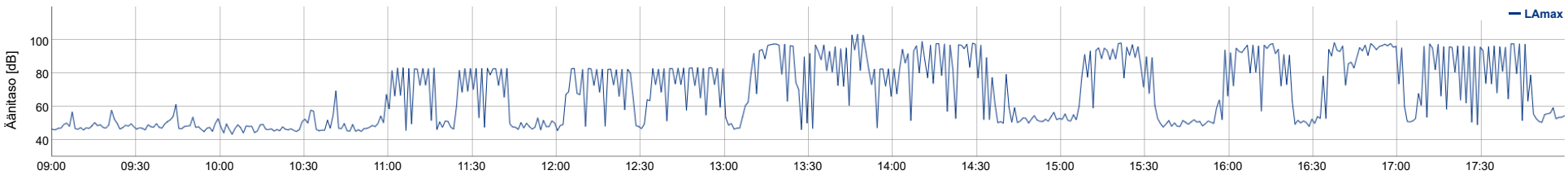
Pysyvyystasot



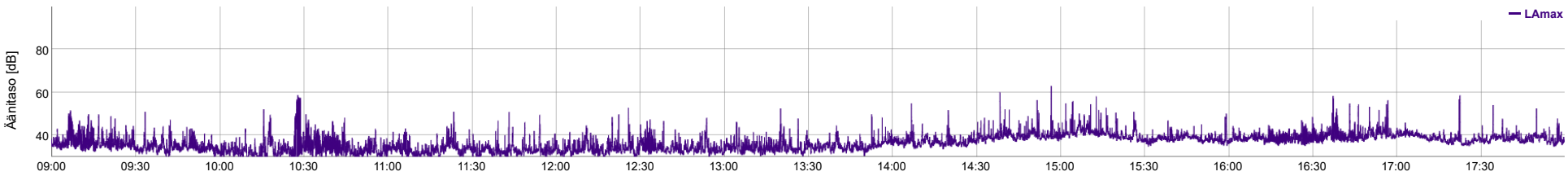
Spektrit



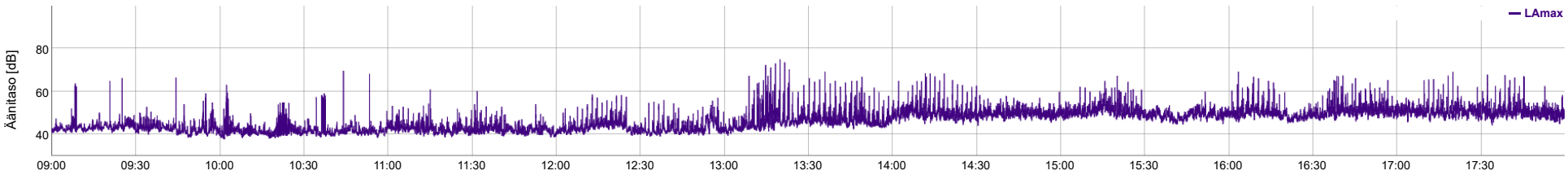
PS



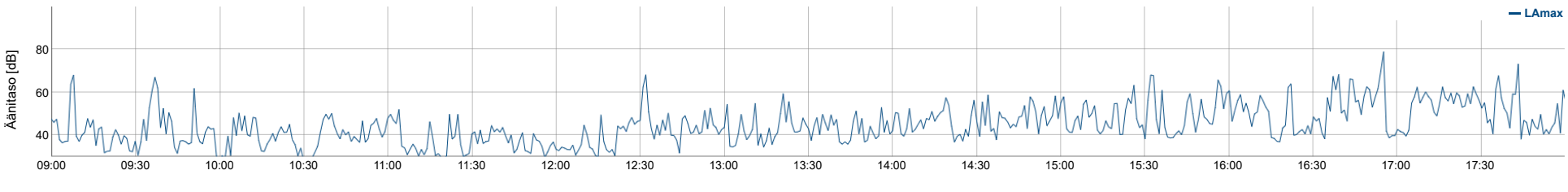
MP1



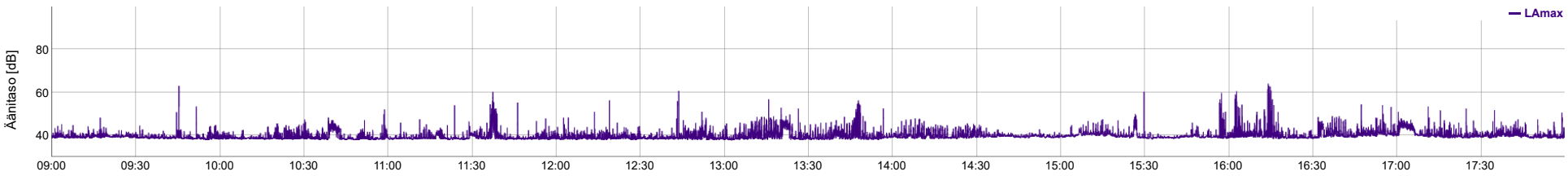
MP2



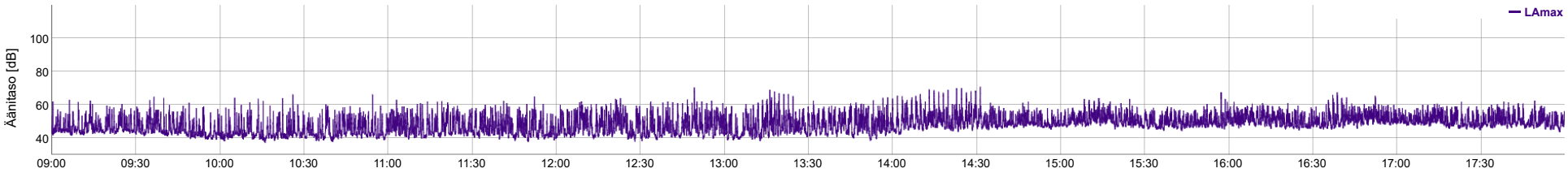
MP3



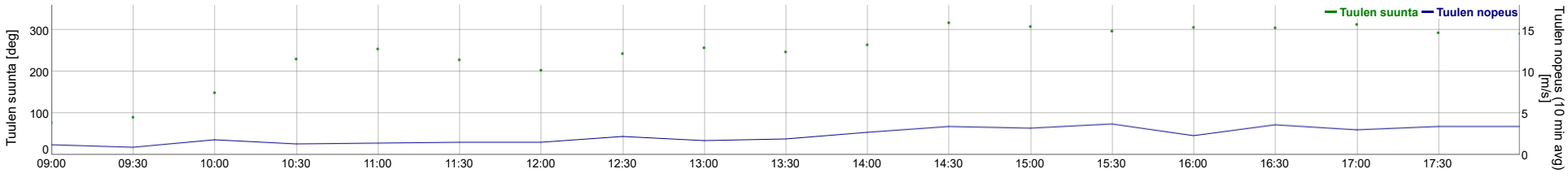
MP4



MP5



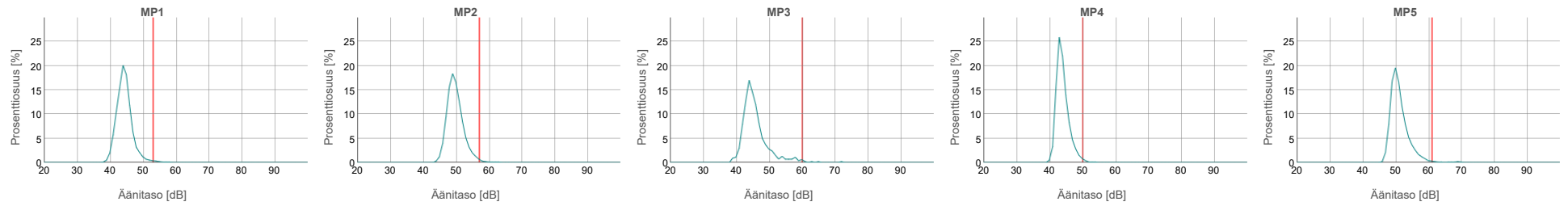
Säähavainnot



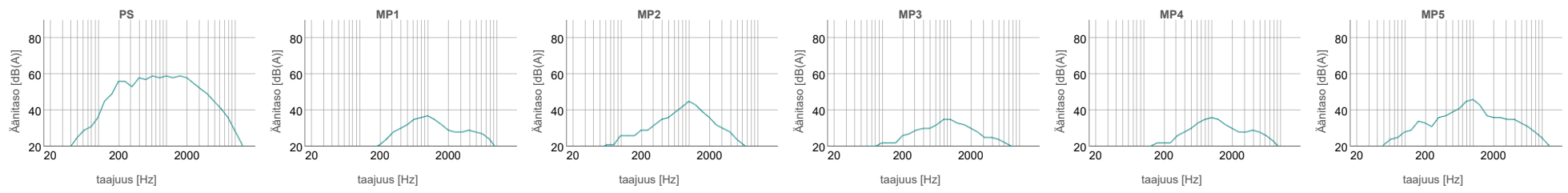
25.08.

0825	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	97	53	57	60	50	61
LAF,5%	96	49	54	54	48	57
LAF,50%	56	44	50	45	44	51
LAF,60dB	44 %	0 %	0 %	0 %	0 %	1 %
LAF,65dB	41 %	0 %	0 %	0 %	0 %	0 %
LAF,70dB	38 %	0 %	0 %	0 %	0 %	0 %
LAeq	69	44	50	43	44	52

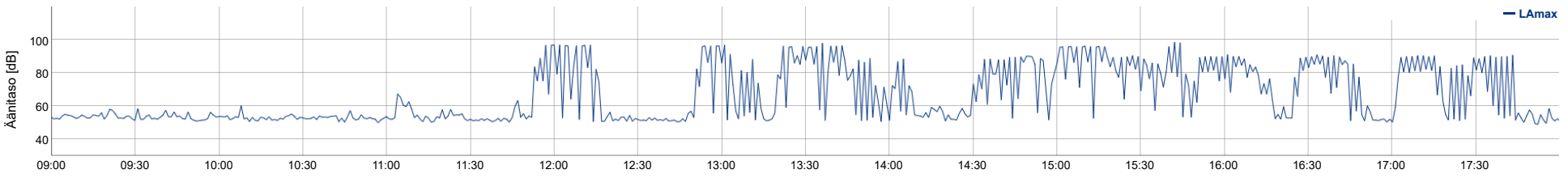
Pysyvyystasot



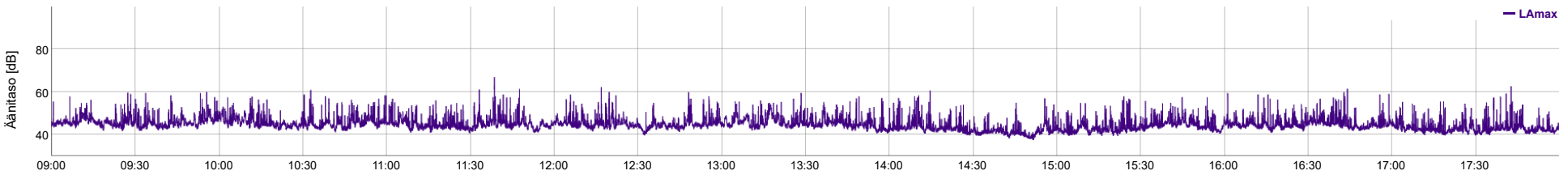
Spektrit



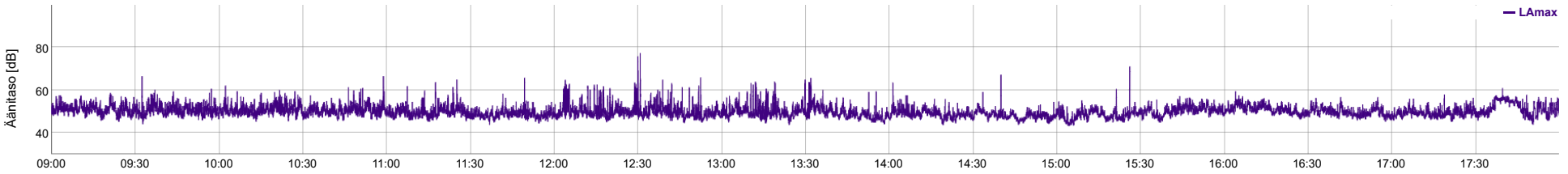
PS



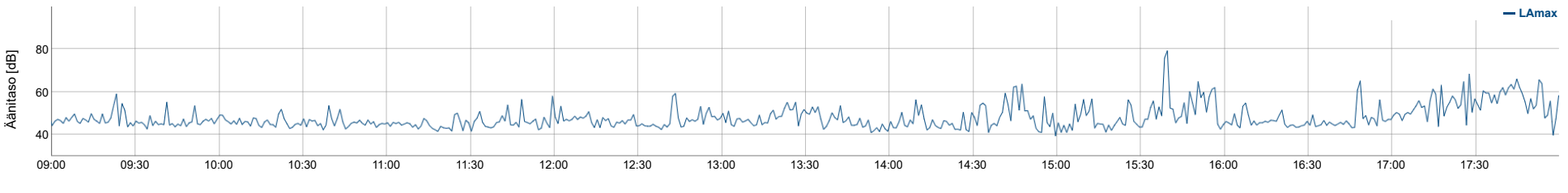
MP1



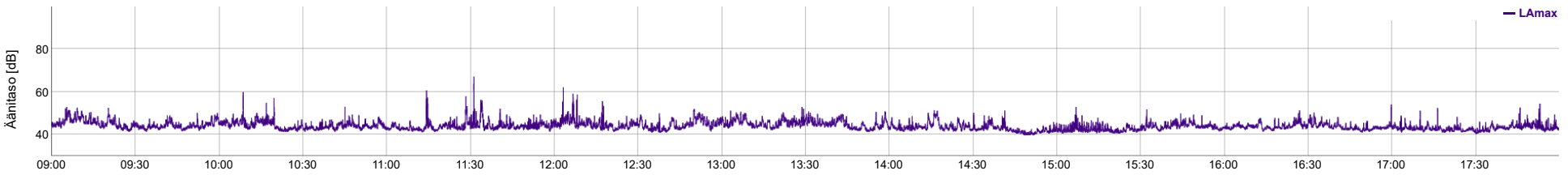
MP2



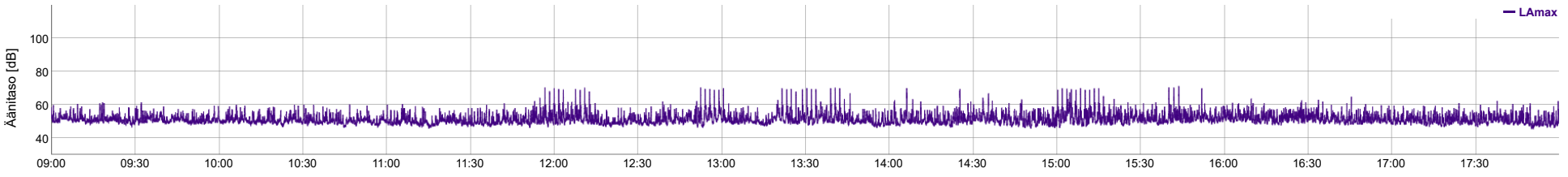
MP3



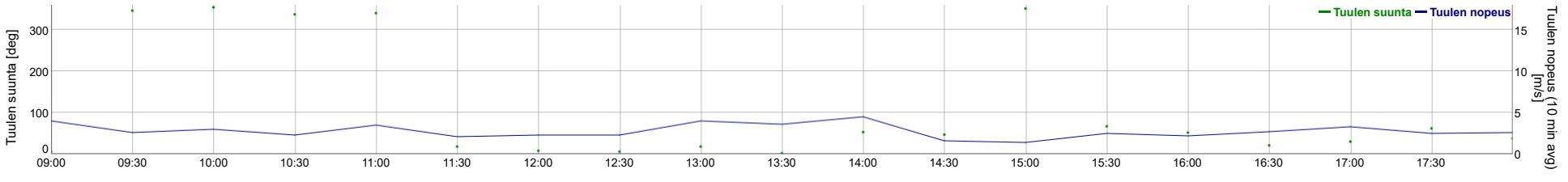
MP4



MP5



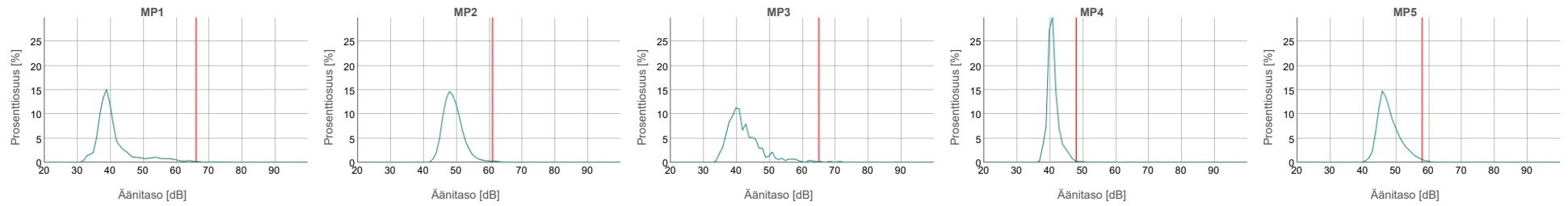
Säähavainnot



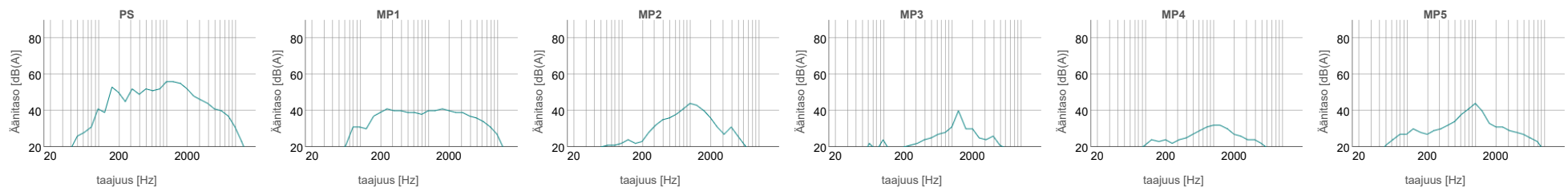
26.08.

0826	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	98	66	61	65	48	58
LAF,5%	86	57	55	55	45	55
LAF,50%	55	40	49	41	41	48
LAF,60dB	37 %	3 %	1 %	1 %	0 %	0 %
LAF,65dB	29 %	1 %	0 %	0 %	0 %	0 %
LAF,70dB	23 %	0 %	0 %	0 %	0 %	0 %
LAeq	65	52	49	41	41	49

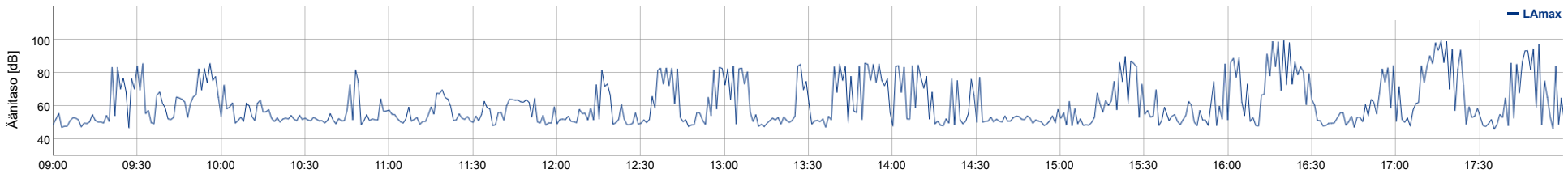
Pysyvyystasot



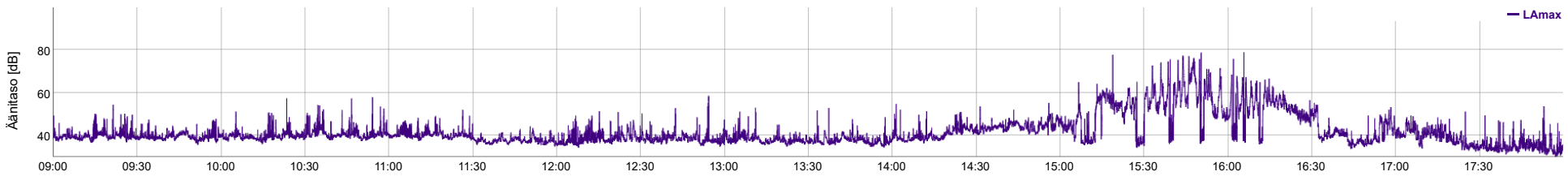
Spektrit



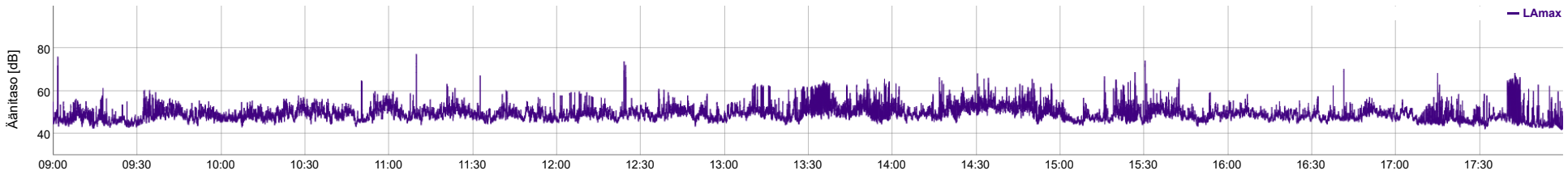
PS



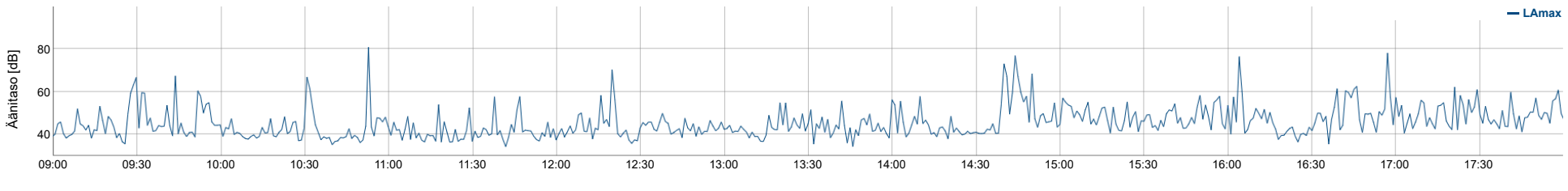
MP1



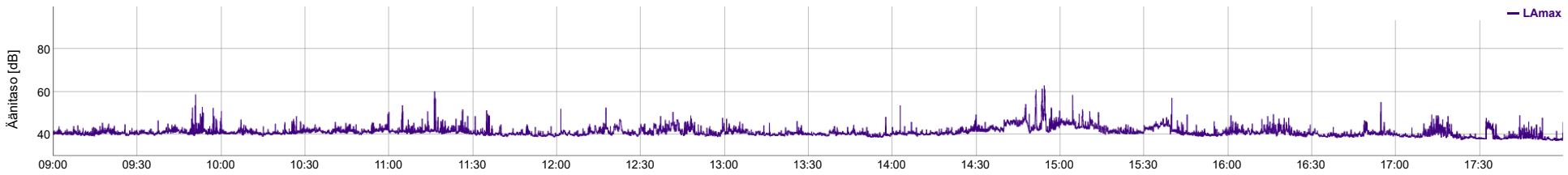
MP2



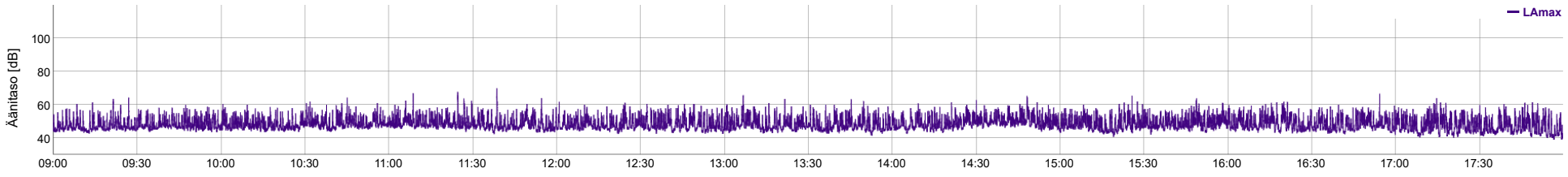
MP3



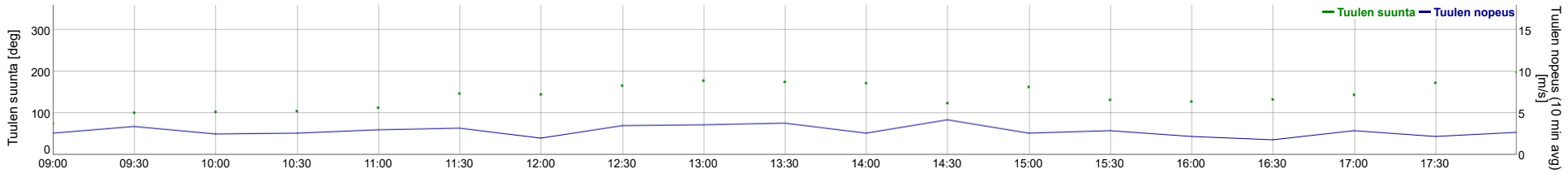
MP4



MP5



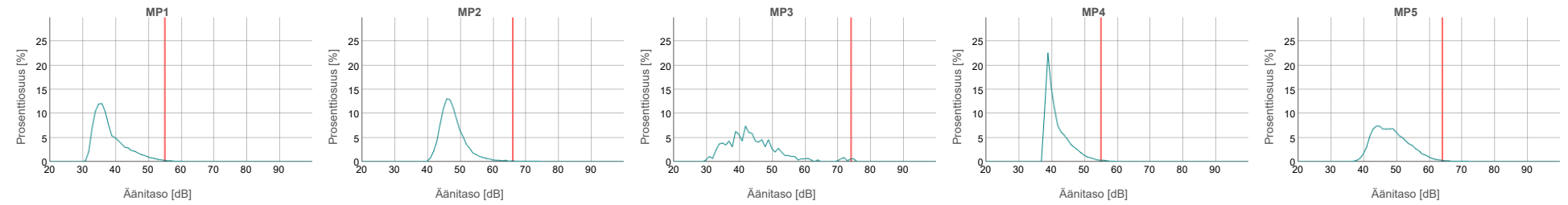
Säähavainnot



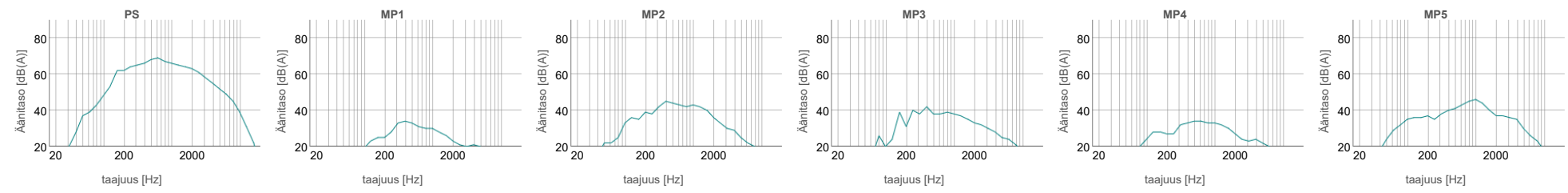
27.08.

0827	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	105	55	66	74	55	64
LAF,5%	102	49	57	59	50	59
LAF,50%	85	37	47	43	41	48
LAF,60dB	81 %	0 %	2 %	4 %	0 %	3 %
LAF,65dB	72 %	0 %	1 %	2 %	0 %	0 %
LAF,70dB	67 %	0 %	0 %	2 %	0 %	0 %
LAeq	78	41	52	50	43	53

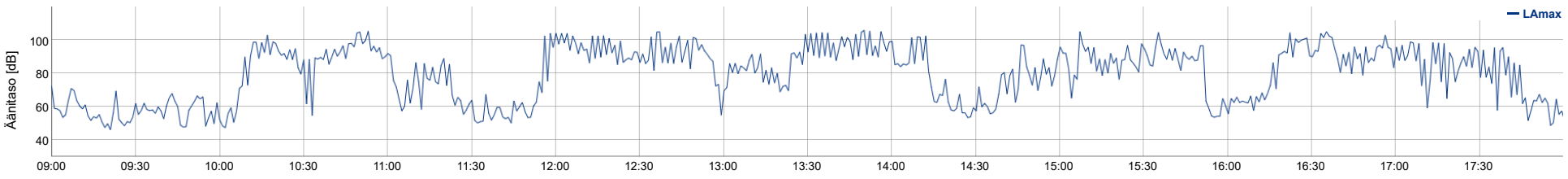
Pysyvyystasot



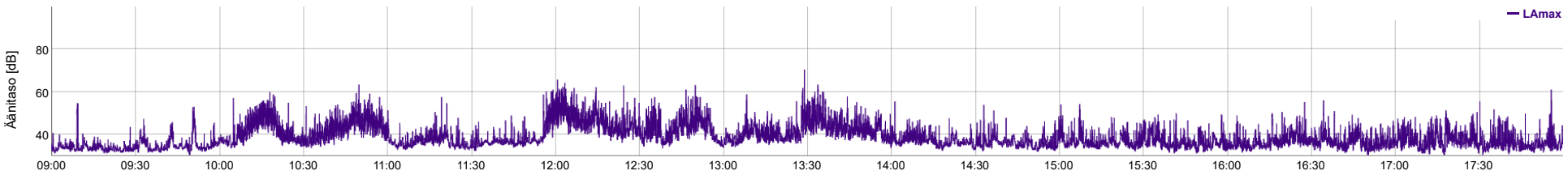
Spektrit



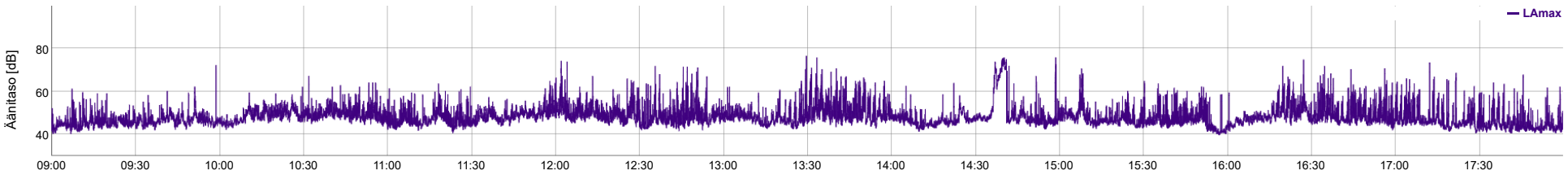
PS



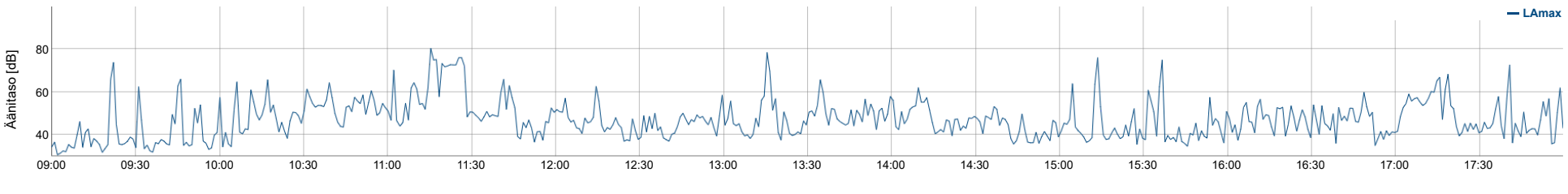
MP1



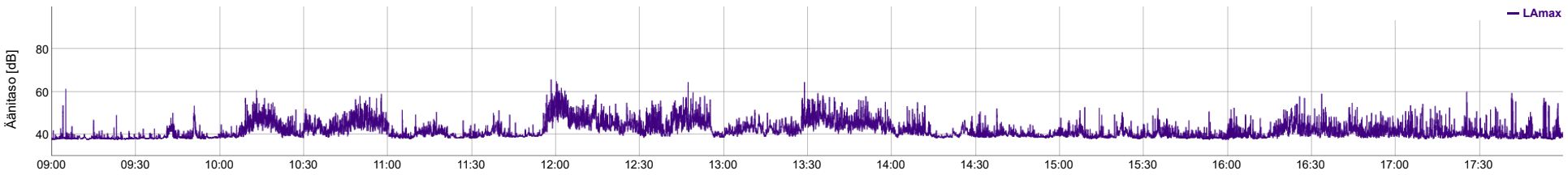
MP2



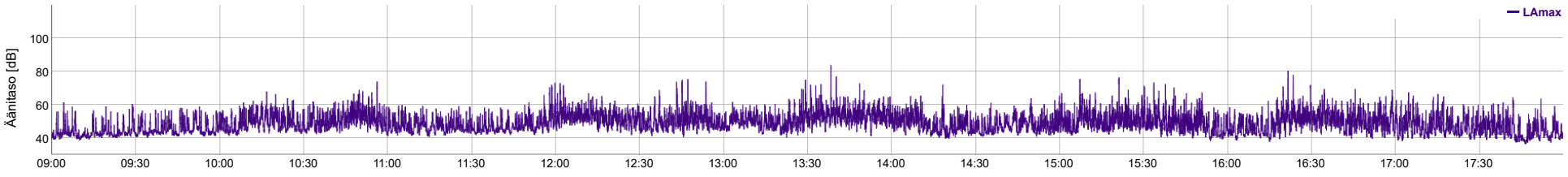
MP3



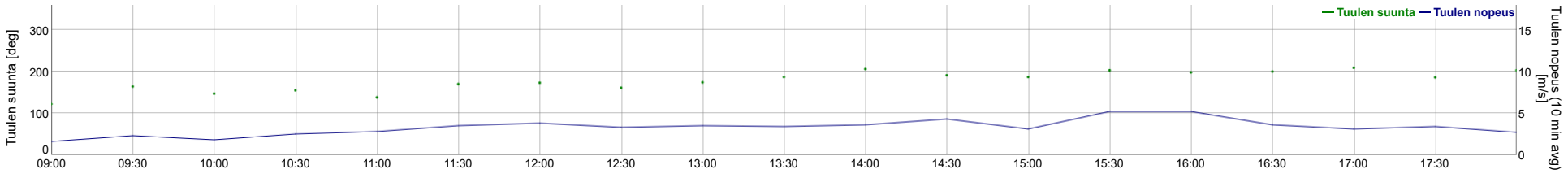
MP4



MP5



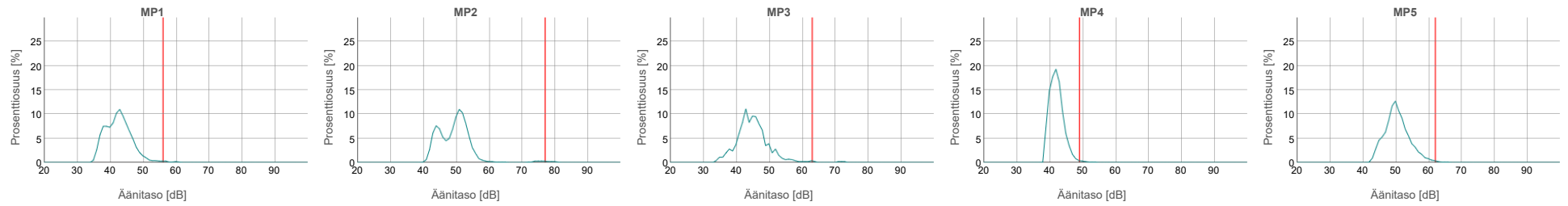
Säähavainnot



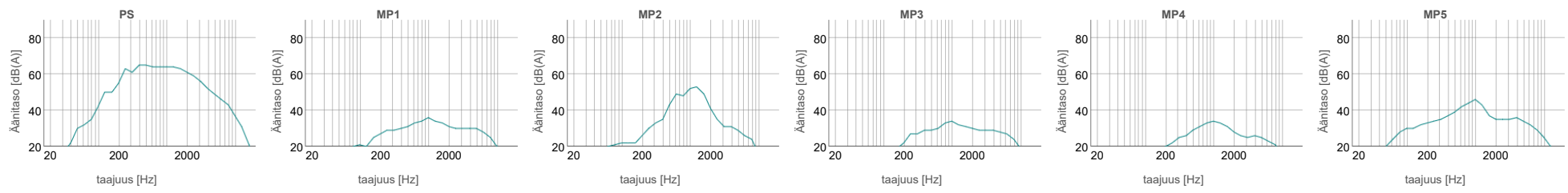
28.08.

0828	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	98	56	77	63	49	62
LAF,5%	97	50	56	53	46	58
LAF,50%	81	43	50	45	42	50
LAF,60dB	77 %	0 %	3 %	1 %	0 %	1 %
LAF,65dB	71 %	0 %	2 %	0 %	0 %	0 %
LAF,70dB	68 %	0 %	2 %	0 %	0 %	0 %
LAeq	74	44	56	43	42	52

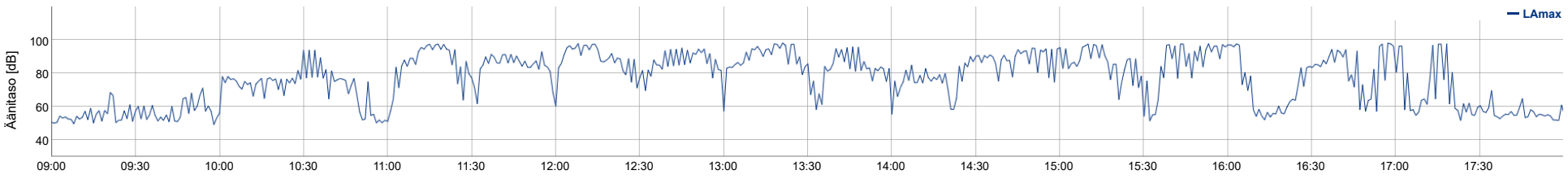
Pysyvyystasot



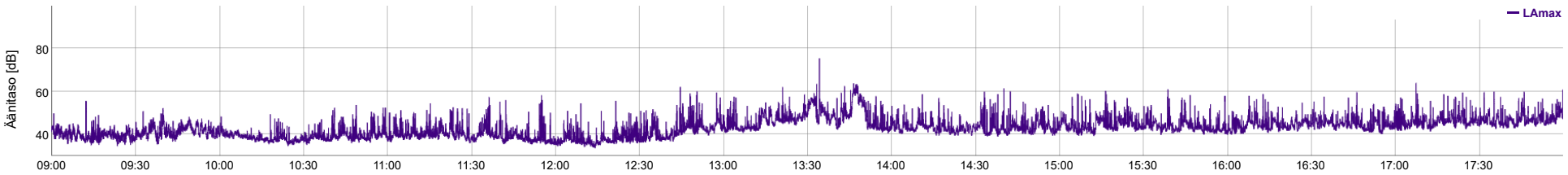
Spektrit



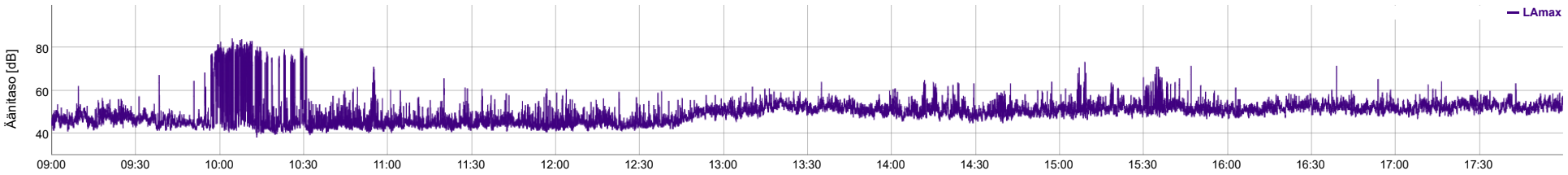
PS



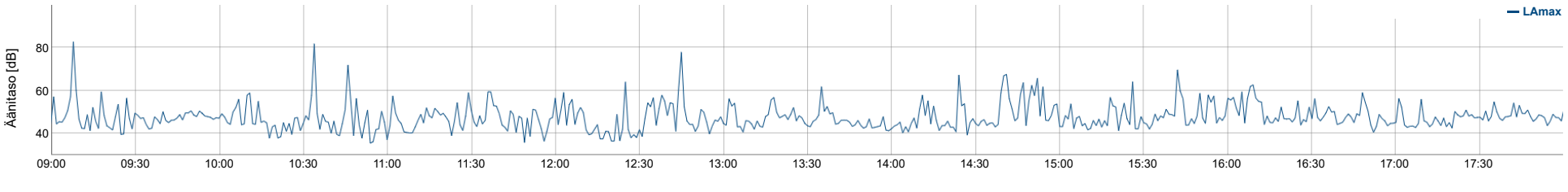
MP1



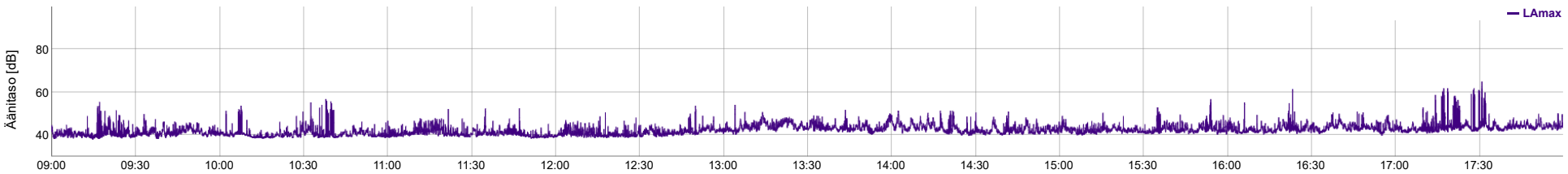
MP2



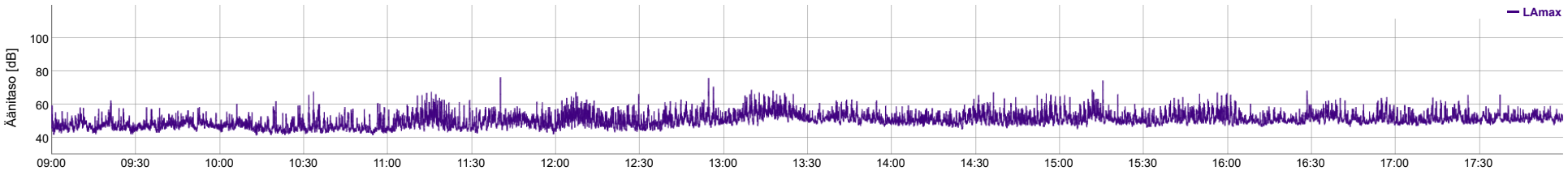
MP3



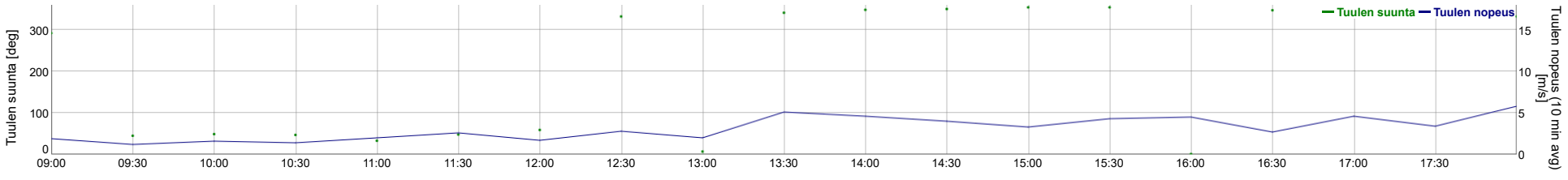
MP4



MP5



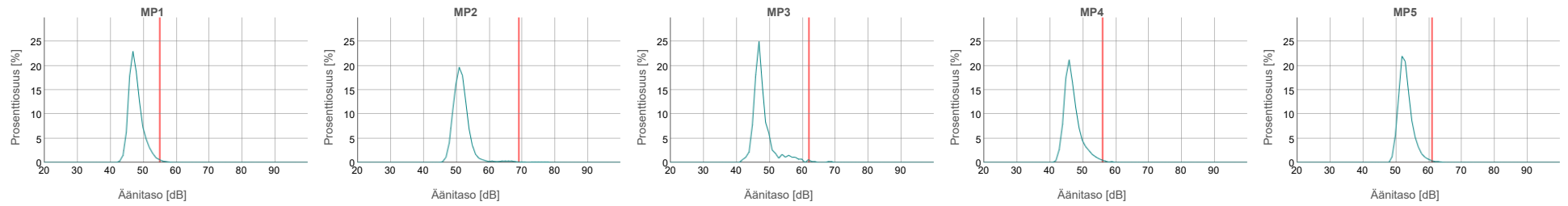
Säähavainnot



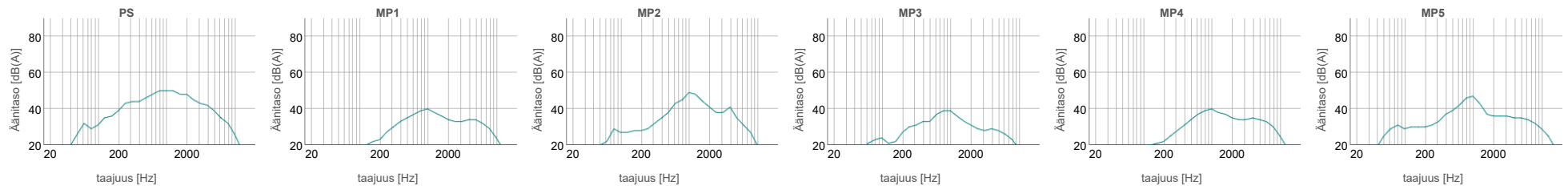
29.08.

0829	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	82	55	69	62	56	61
LAF,5%	78	52	57	56	52	57
LAF,50%	57	48	51	47	47	53
LAF,60dB	37 %	0 %	3 %	1 %	0 %	1 %
LAF,65dB	26 %	0 %	1 %	0 %	0 %	0 %
LAF,70dB	15 %	0 %	0 %	0 %	0 %	0 %
LAeq	59	48	54	46	48	53

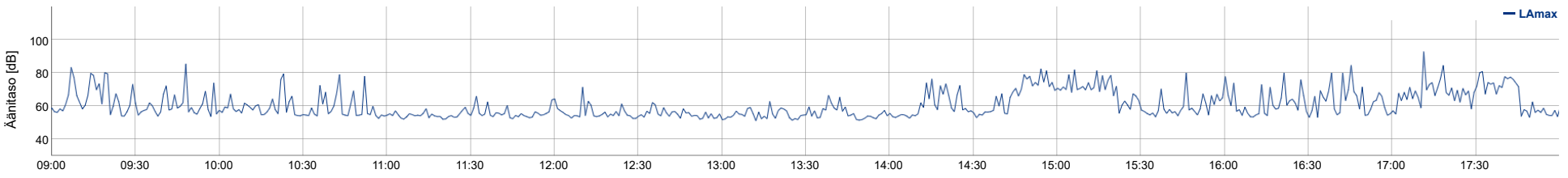
Pysyvyystasot



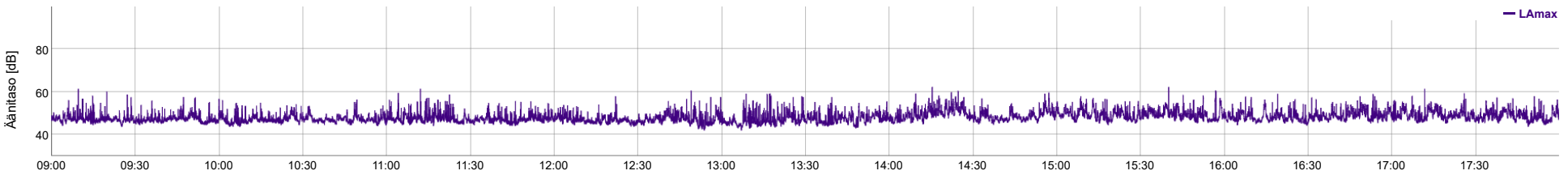
Spektrit



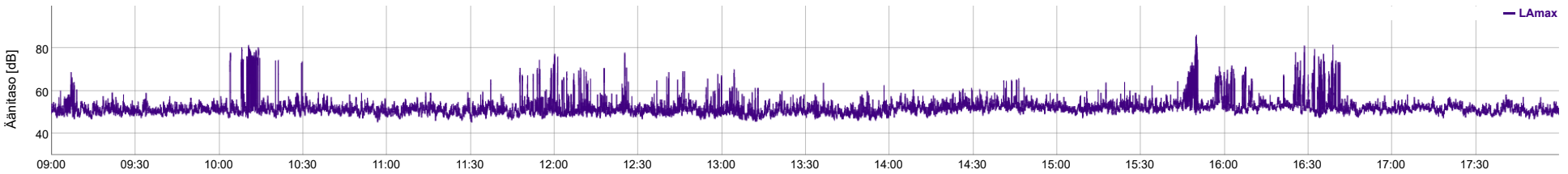
PS



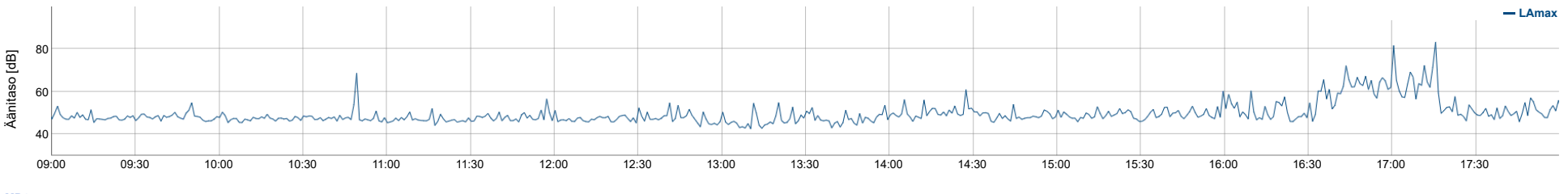
MP1



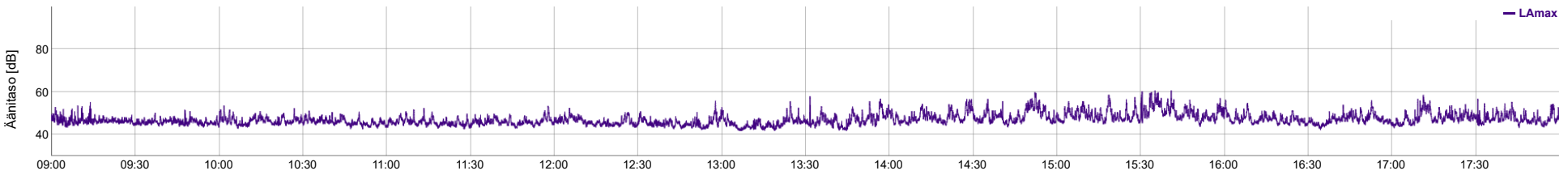
MP2



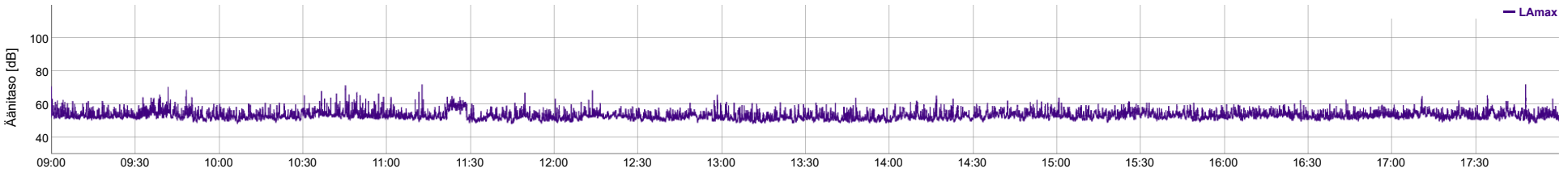
MP3



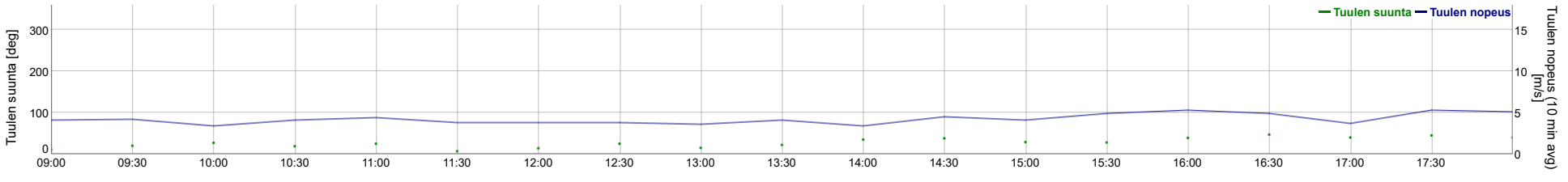
MP4



MP5



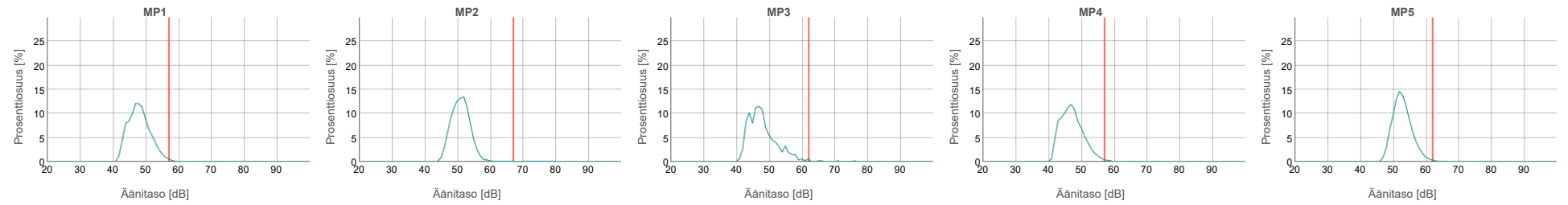
Säähavainnot



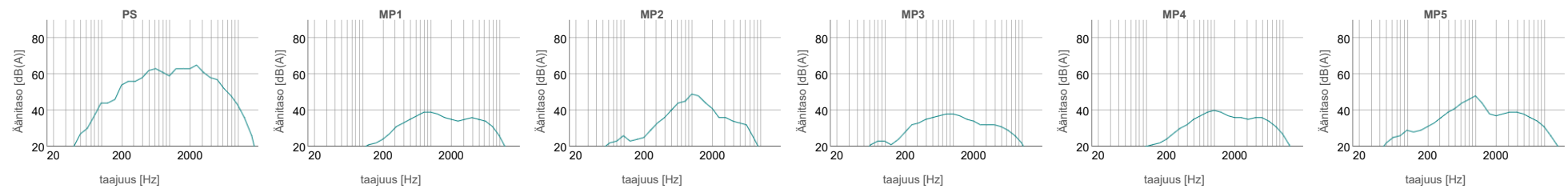
30.08.

0830	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	97	57	67	62	57	62
LAF,5%	89	54	56	57	54	58
LAF,50%	70	48	51	47	47	53
LAF,60dB	83 %	0 %	1 %	1 %	0 %	2 %
LAF,65dB	64 %	0 %	1 %	0 %	0 %	0 %
LAF,70dB	47 %	0 %	0 %	0 %	0 %	0 %
LAeq	72	49	54	47	48	54

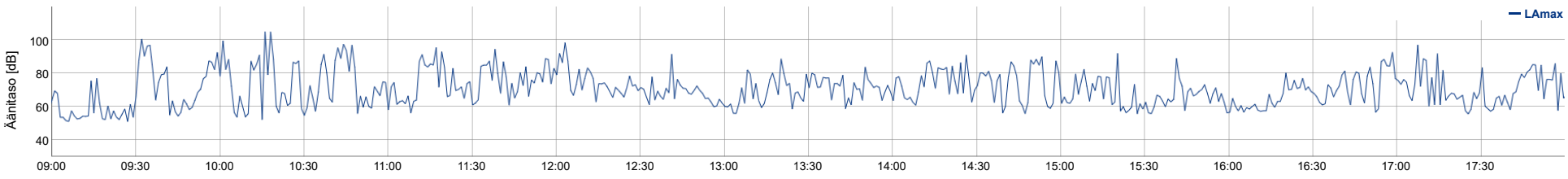
Pysyvyystasot



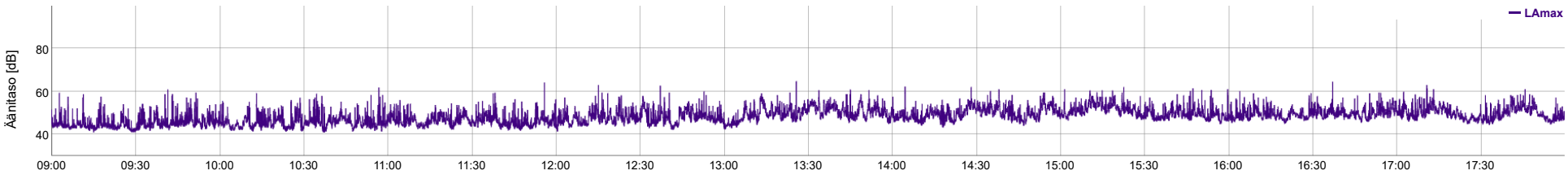
Spektrit



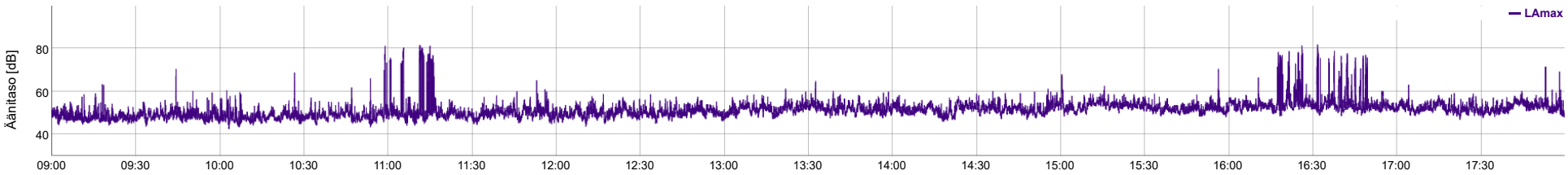
PS



MP1

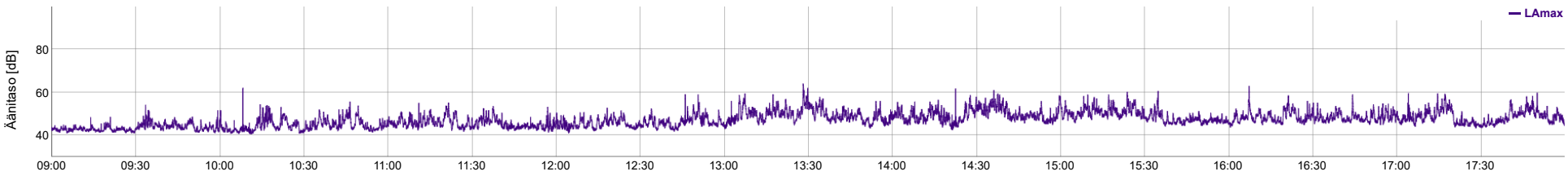


MP2

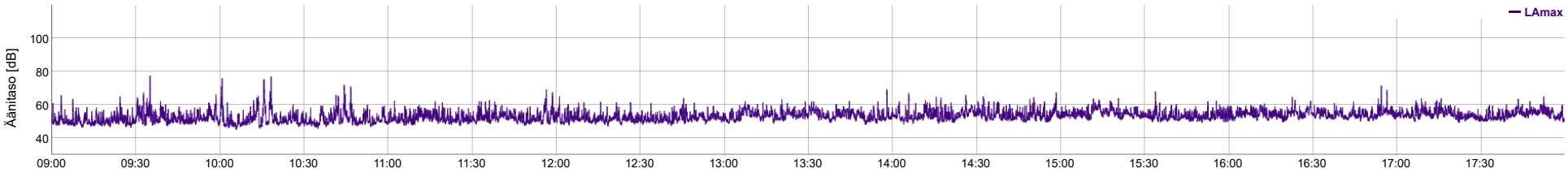


MP3

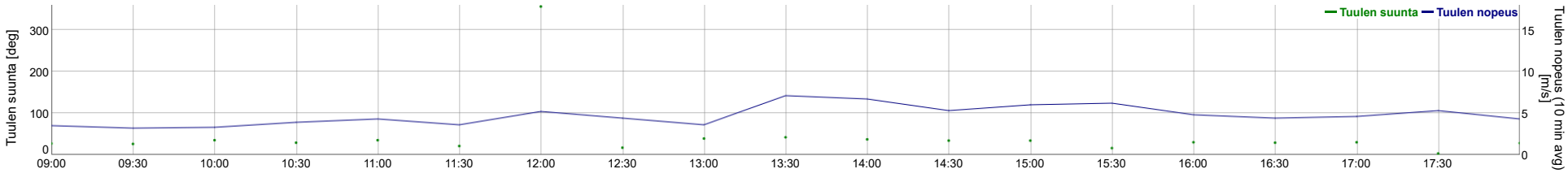
MP4



MP5



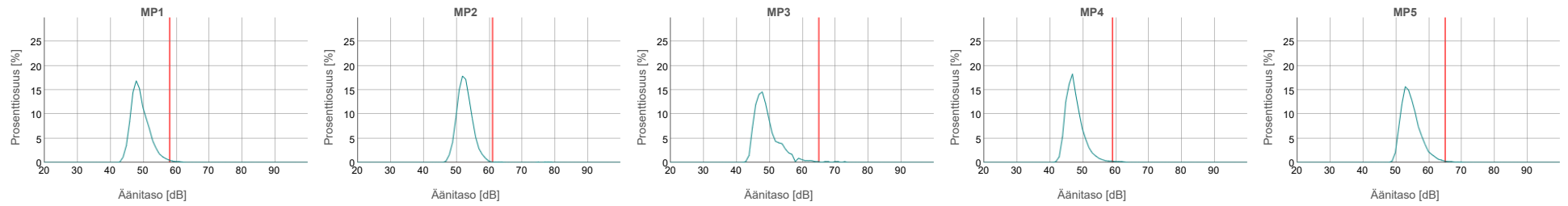
Säähavainnot



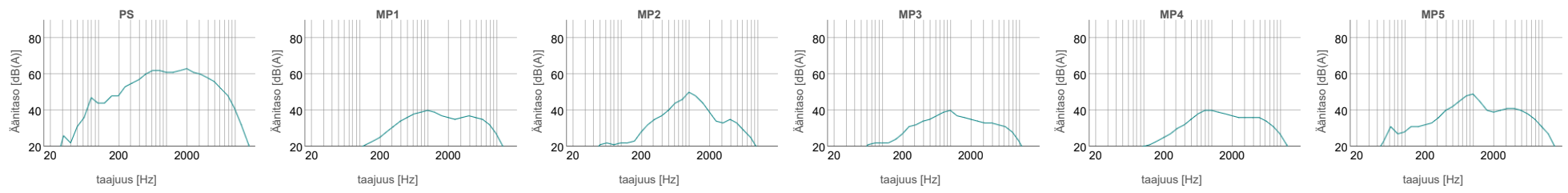
31.08.

0831	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	101	58	61	65	59	65
LAF,5%	92	55	57	57	53	61
LAF,50%	66	49	53	49	47	54
LAF,60dB	74 %	0 %	1 %	2 %	0 %	6 %
LAF,65dB	55 %	0 %	0 %	0 %	0 %	0 %
LAF,70dB	37 %	0 %	0 %	0 %	0 %	0 %
LAeq	73	50	54	47	49	55

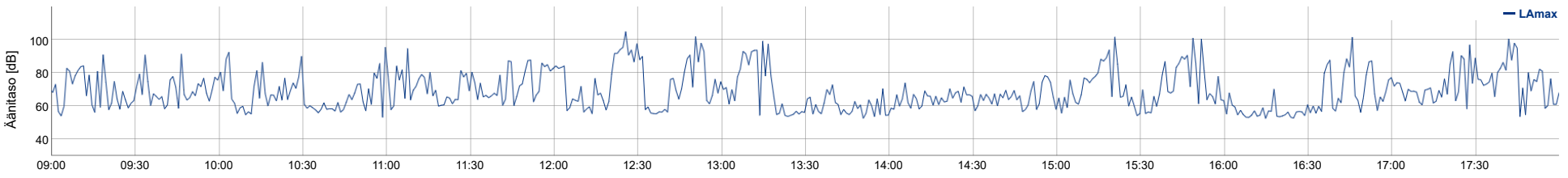
Pysyvyystasot



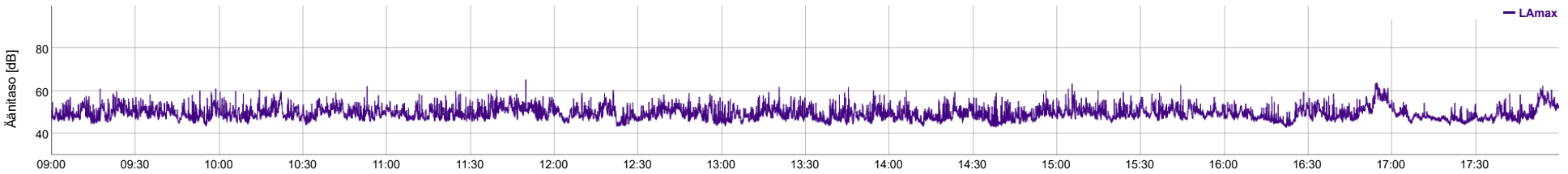
Spektrit



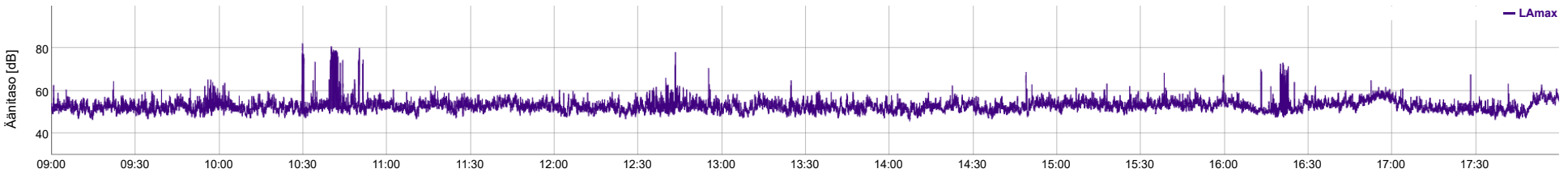
PS



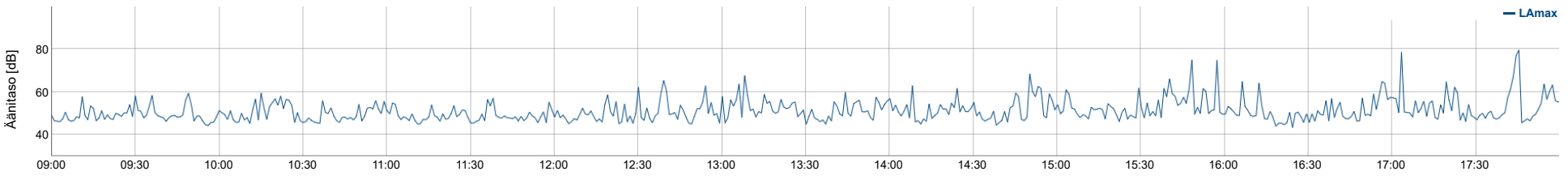
MP1



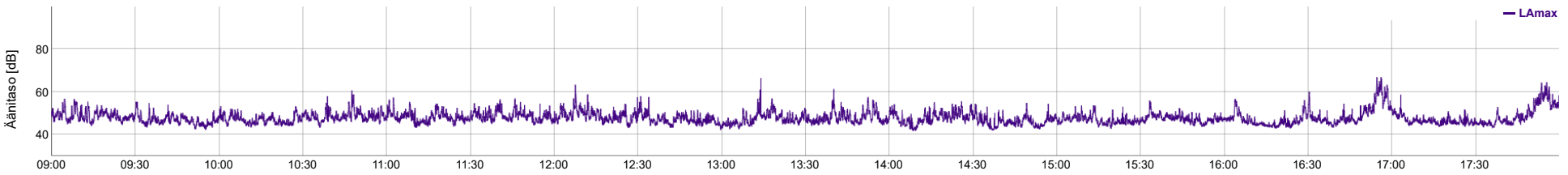
MP2



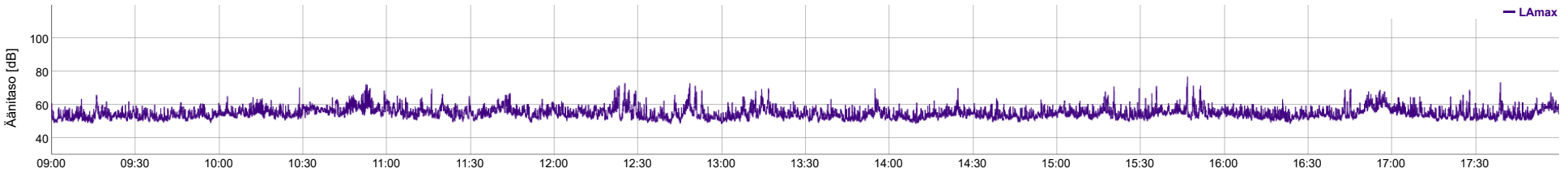
MP3



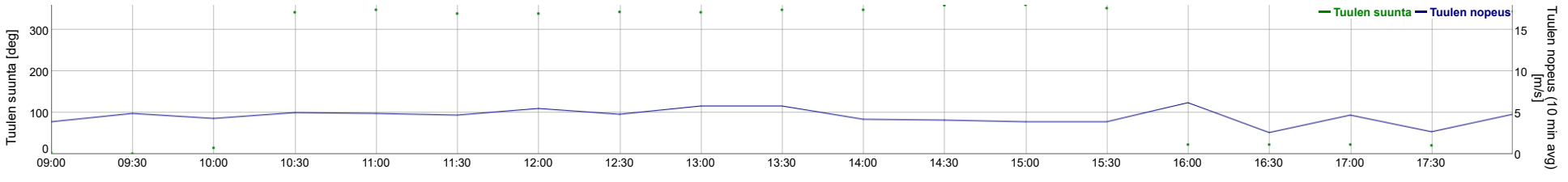
MP4



MP5



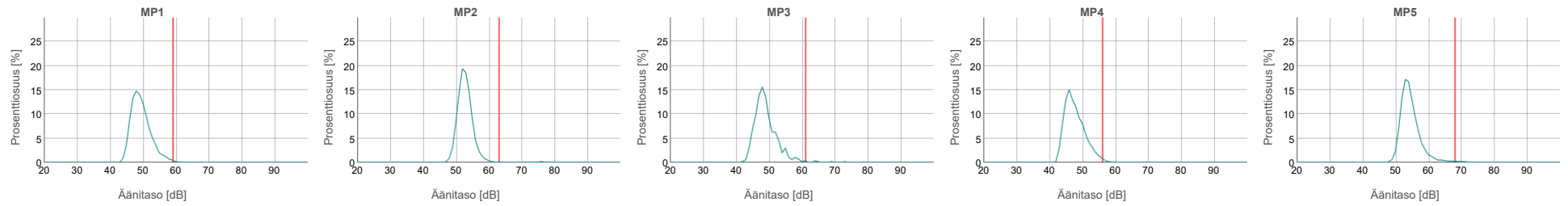
Säähavainnot



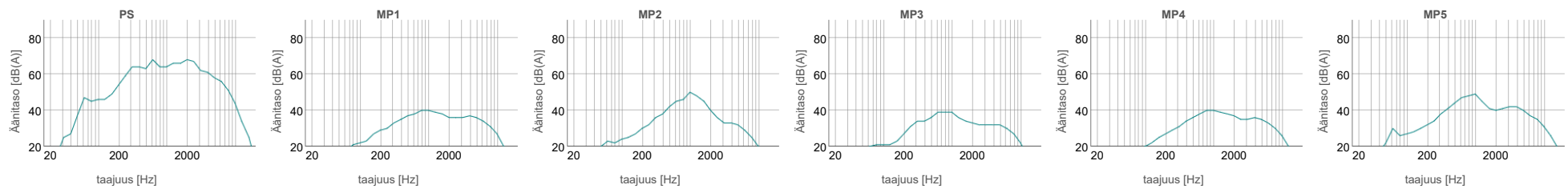
01.09.

0901	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	104	59	63	61	56	68
LAF,5%	93	55	57	55	54	61
LAF,50%	68	49	53	48	47	54
LAF,60dB	95 %	0 %	1 %	1 %	0 %	5 %
LAF,65dB	68 %	0 %	0 %	0 %	0 %	1 %
LAF,70dB	36 %	0 %	0 %	0 %	0 %	0 %
LAeq	76	50	54	47	49	56

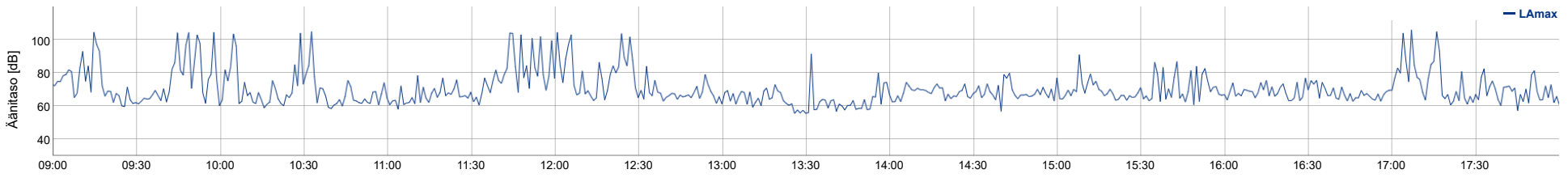
Pysyvyystasot



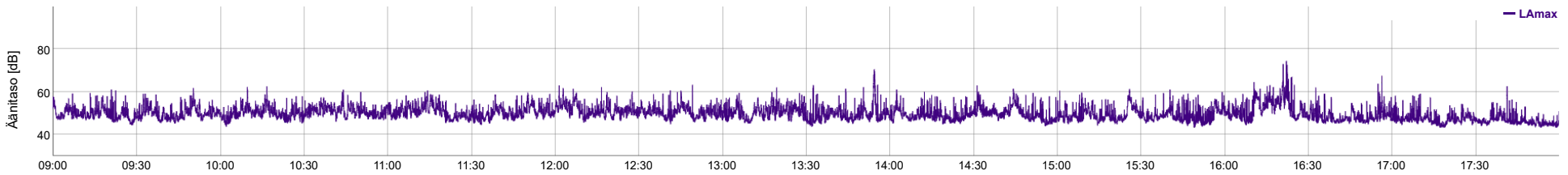
Spektrit



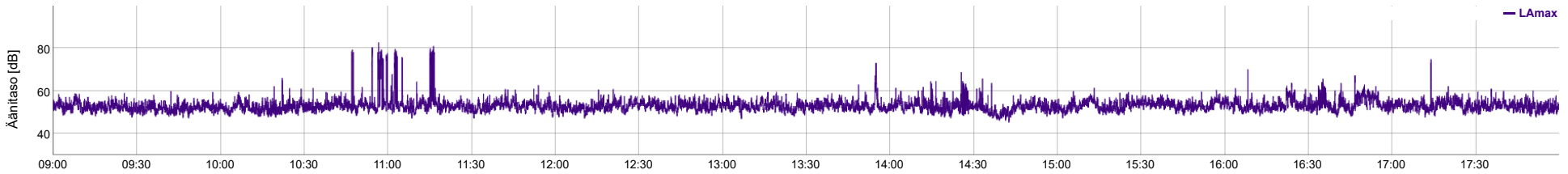
PS



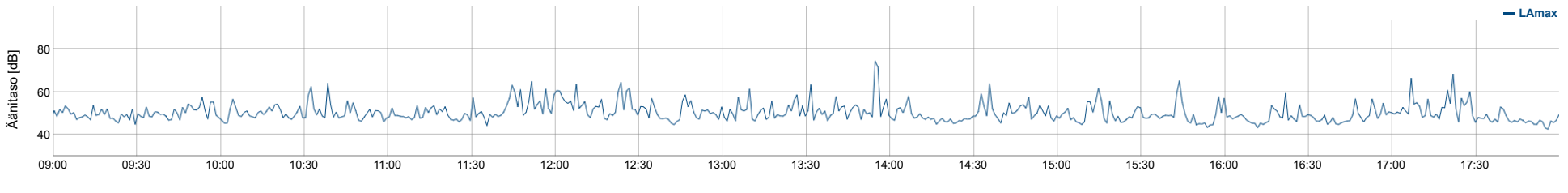
MP1



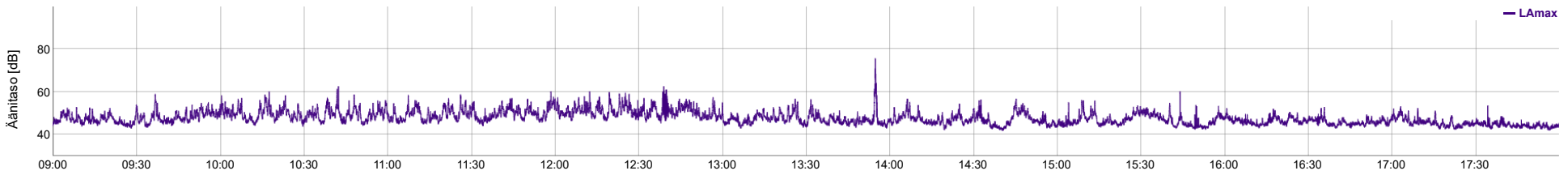
MP2



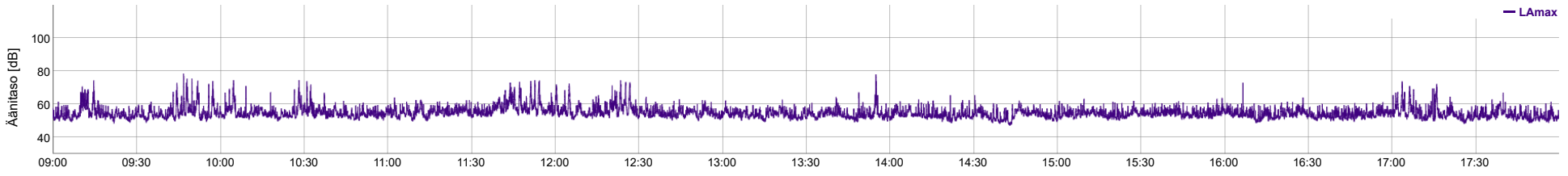
MP3



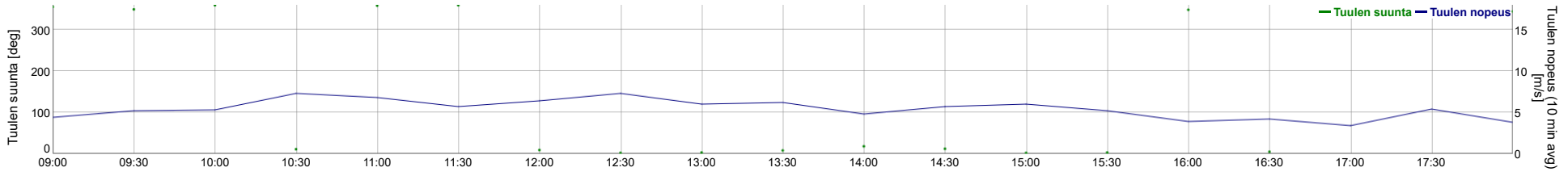
MP4



MP5



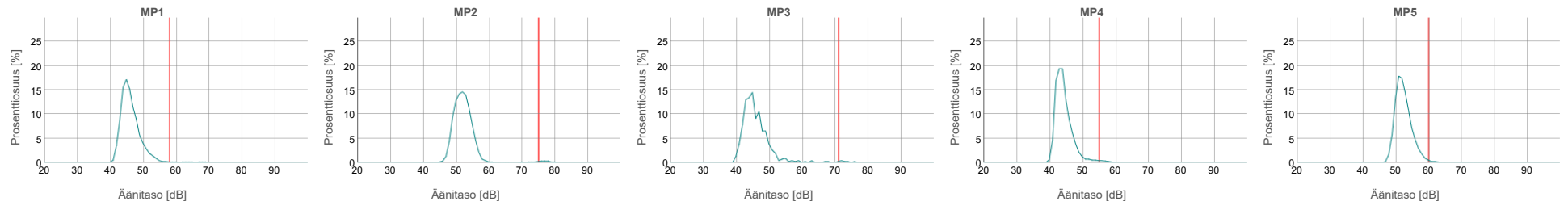
Säähavainnot



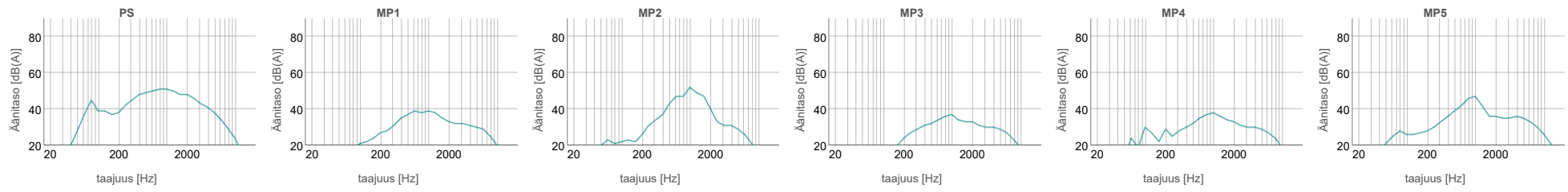
02.09.

0902	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	86	58	75	71	55	60
LAF,5%	82	52	57	53	49	57
LAF,50%	62	46	52	45	44	52
LAF,60dB	58 %	0 %	1 %	1 %	0 %	0 %
LAF,65dB	41 %	0 %	1 %	1 %	0 %	0 %
LAF,70dB	27 %	0 %	1 %	1 %	0 %	0 %
LAeq	60	48	56	46	45	52

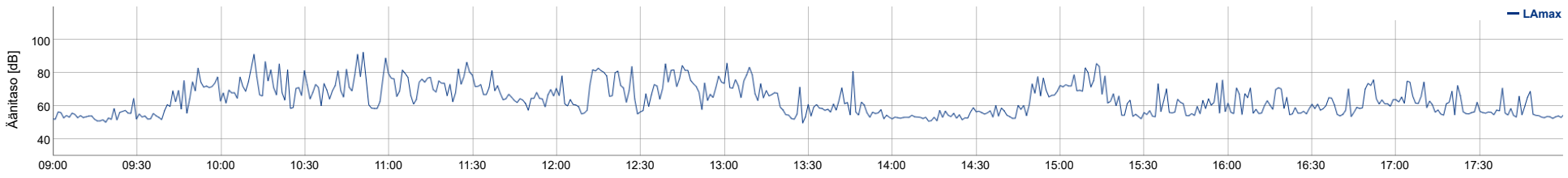
Pysyvyystasot



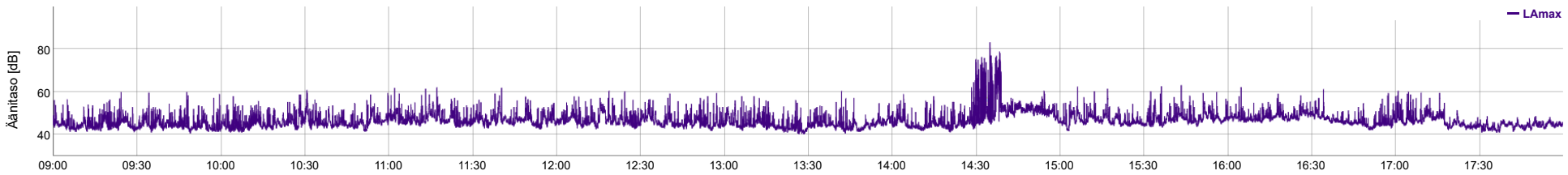
Spektrit



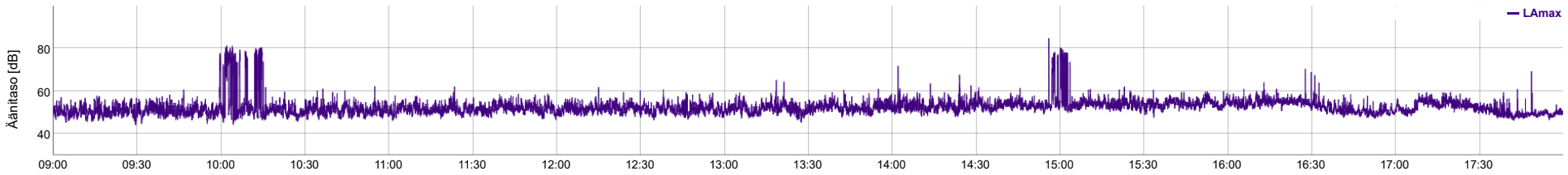
PS



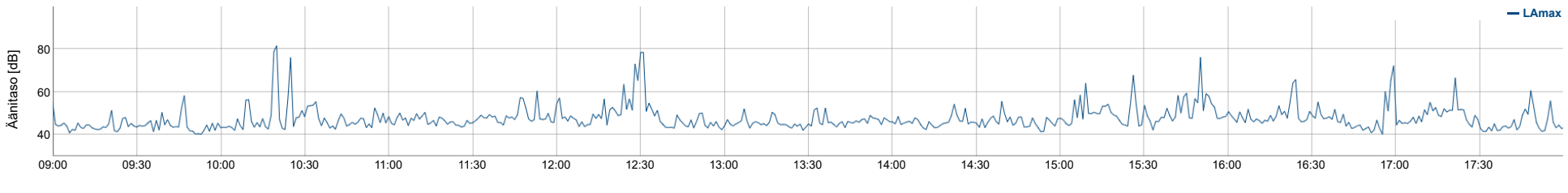
MP1



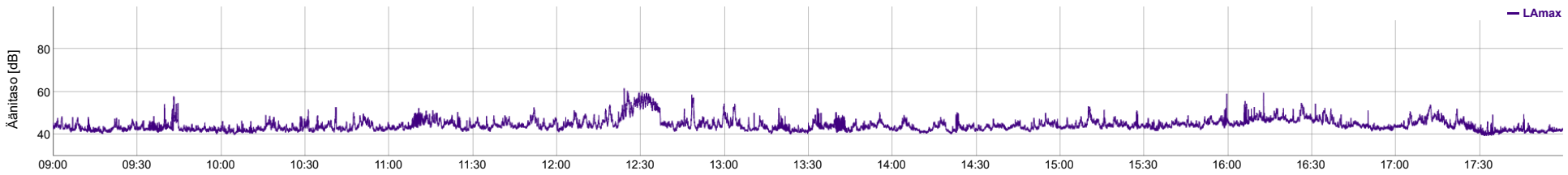
MP2



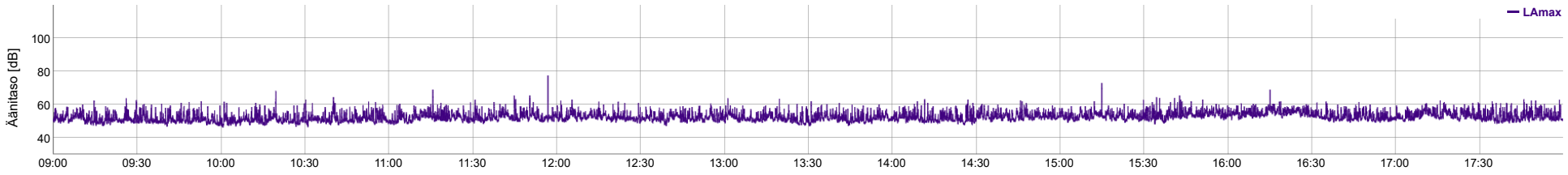
MP3



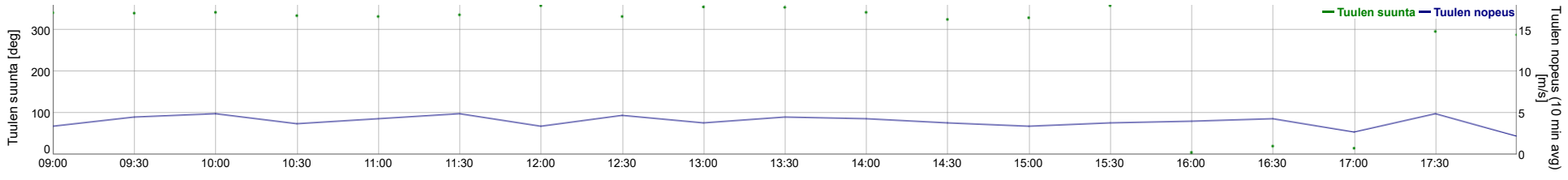
MP4



MP5



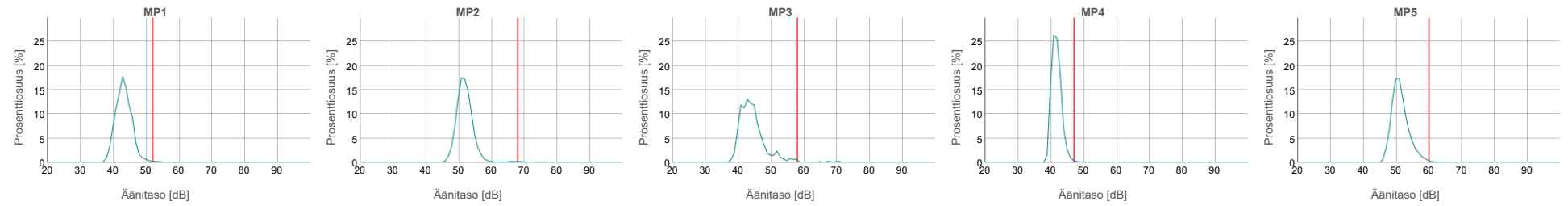
Säähavainnot



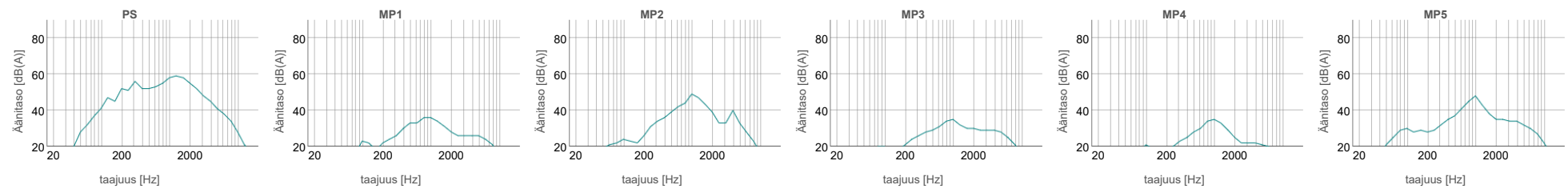
03.09.

0903	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	94	52	68	58	47	60
LAF,5%	89	47	57	53	45	57
LAF,50%	56	43	52	44	42	51
LAF,60dB	34 %	0 %	2 %	0 %	0 %	0 %
LAF,65dB	28 %	0 %	1 %	0 %	0 %	0 %
LAF,70dB	24 %	0 %	0 %	0 %	0 %	0 %
LAeq	68	43	53	43	42	53

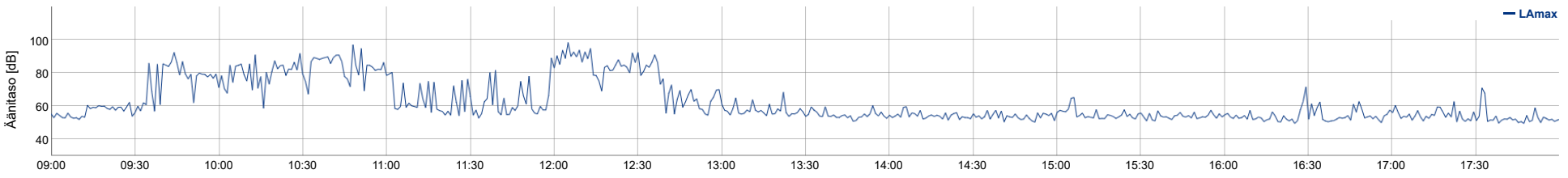
Pysyvyystasot



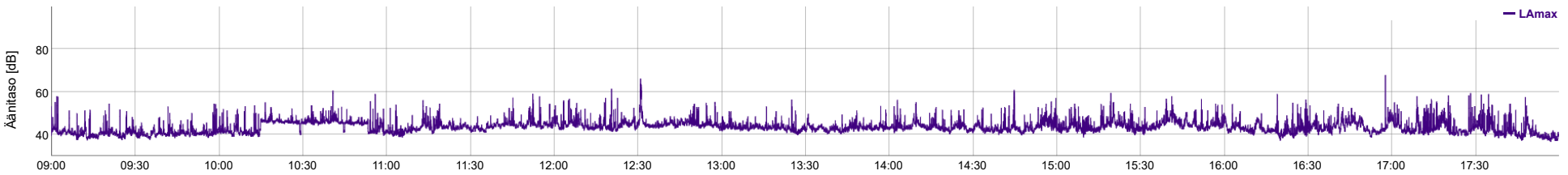
Spektrit



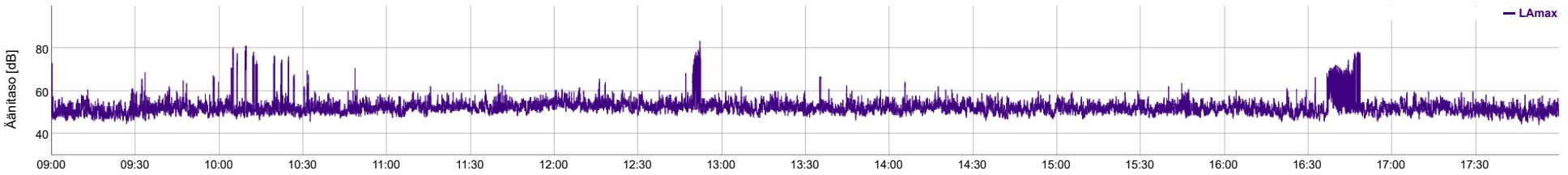
PS



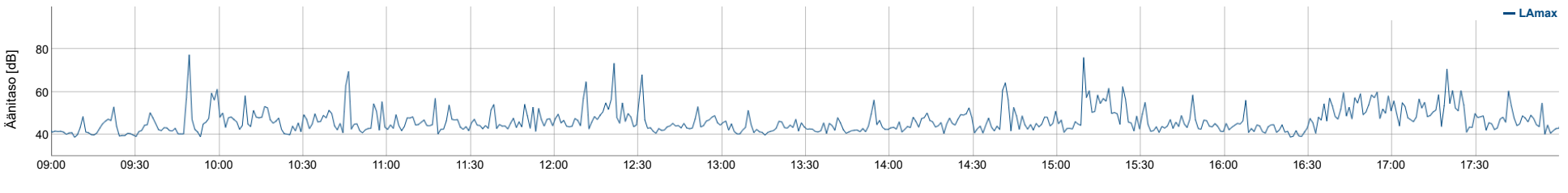
MP1



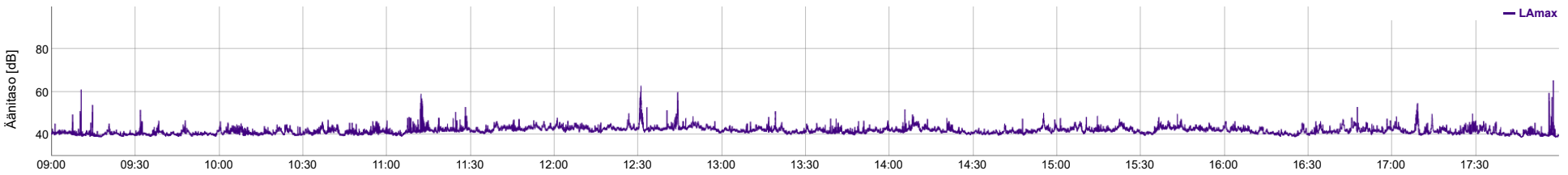
MP2



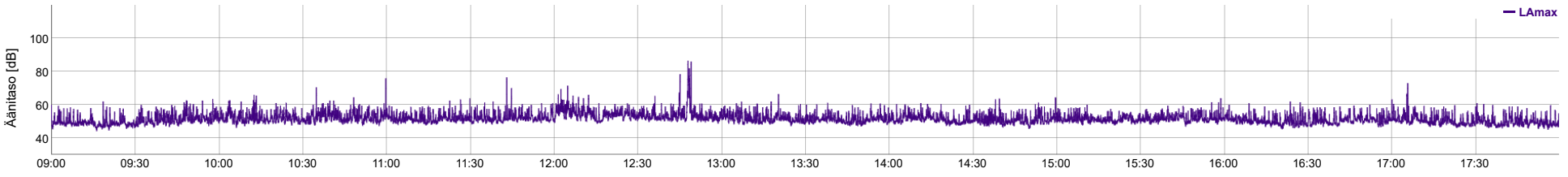
MP3



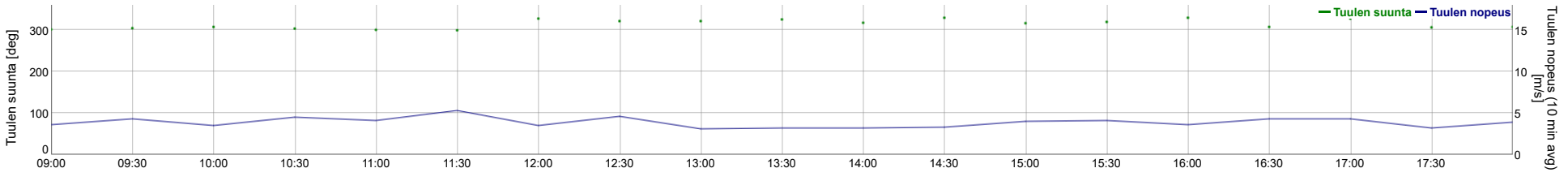
MP4



MP5



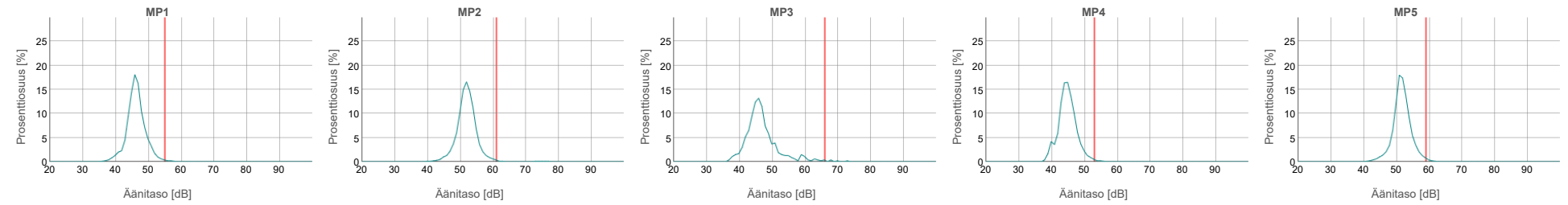
Säähavainnot



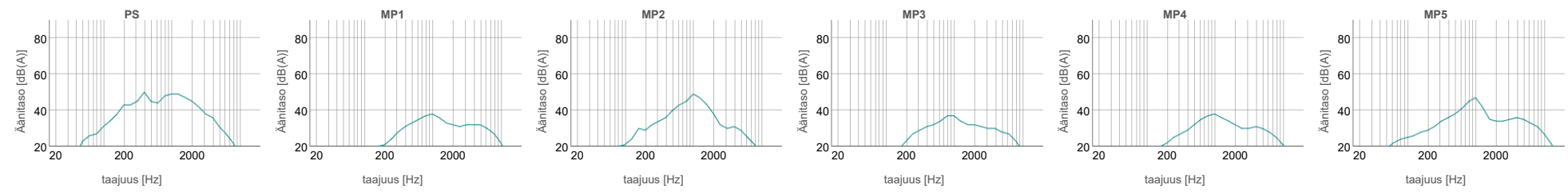
04.09.

0904	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	90	55	61	66	53	59
LAF,5%	87	51	57	59	50	57
LAF,50%	54	46	52	46	45	52
LAF,60dB	28 %	0 %	1 %	2 %	0 %	0 %
LAF,65dB	23 %	0 %	0 %	1 %	0 %	0 %
LAF,70dB	21 %	0 %	0 %	0 %	0 %	0 %
LAeq	63	46	53	45	45	52

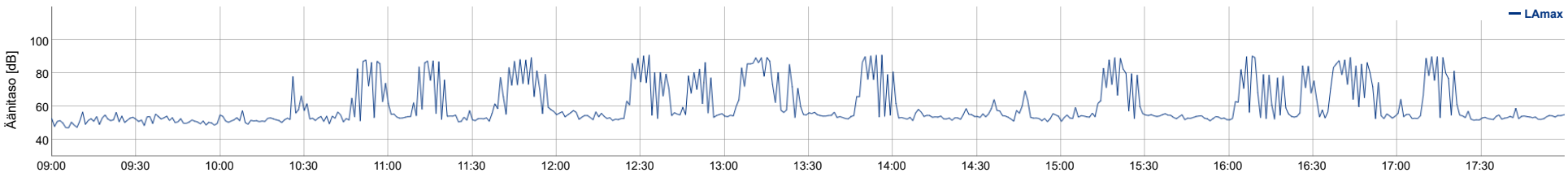
Pysyvyystasot



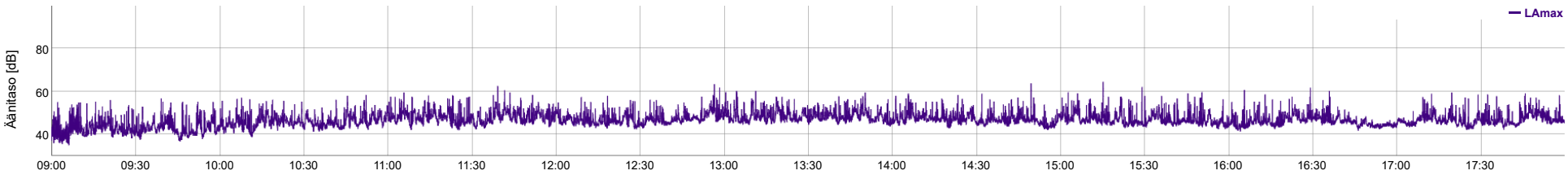
Spektrit



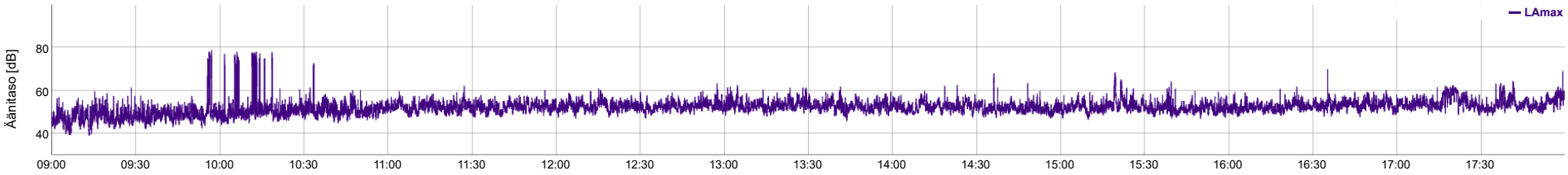
PS



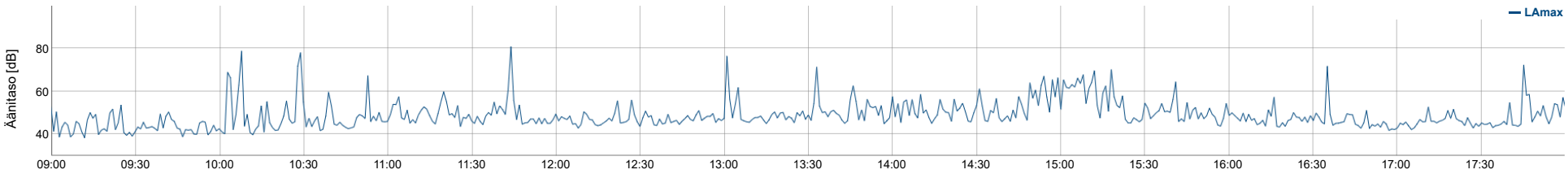
MP1



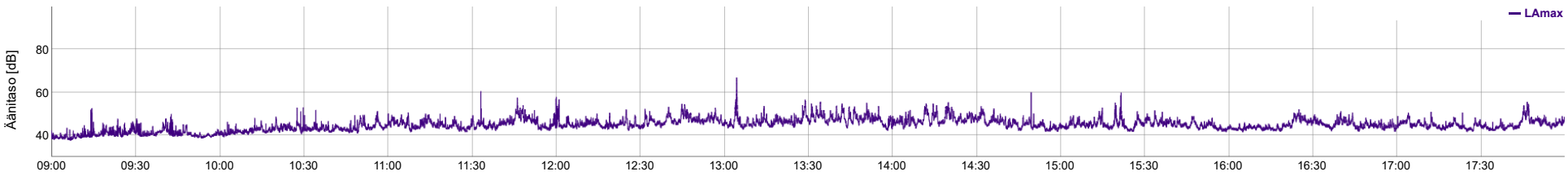
MP2



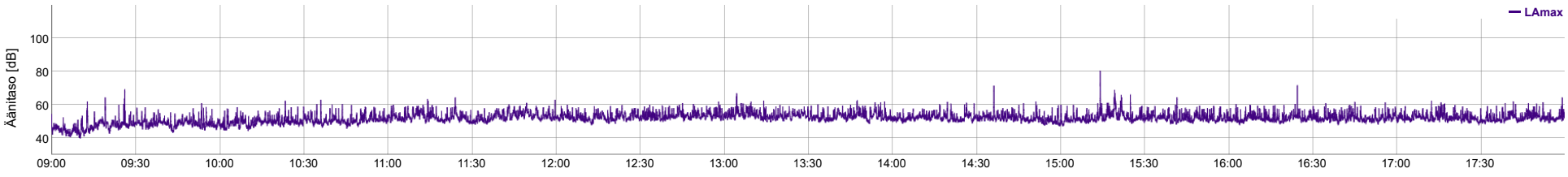
MP3



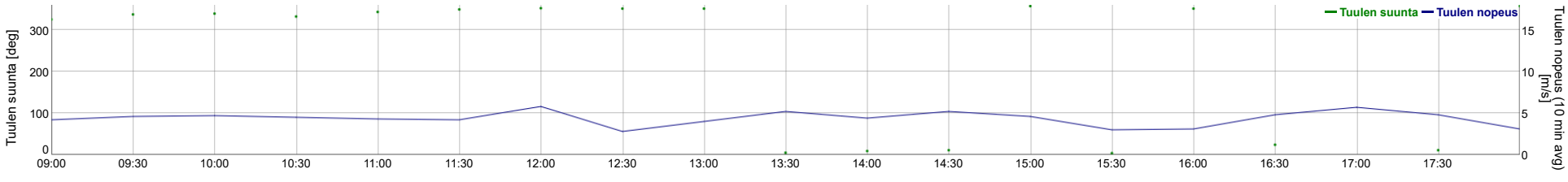
MP4



MP5



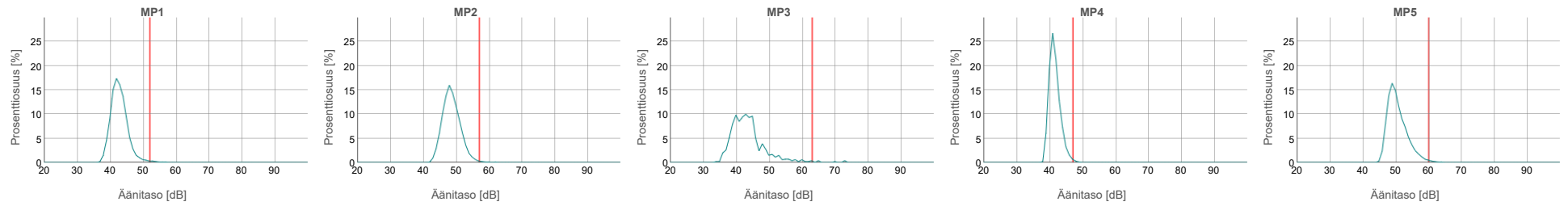
Säähavainnot



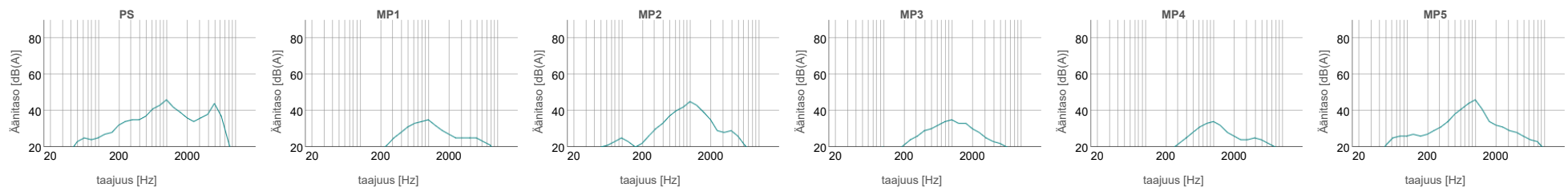
05.09.

0905	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	86	52	57	63	47	60
LAF,5%	62	47	53	54	45	56
LAF,50%	52	43	48	43	41	50
LAF,60dB	6 %	0 %	0 %	1 %	0 %	0 %
LAF,65dB	3 %	0 %	0 %	0 %	0 %	0 %
LAF,70dB	3 %	0 %	0 %	0 %	0 %	0 %
LAeq	55	43	50	42	42	51

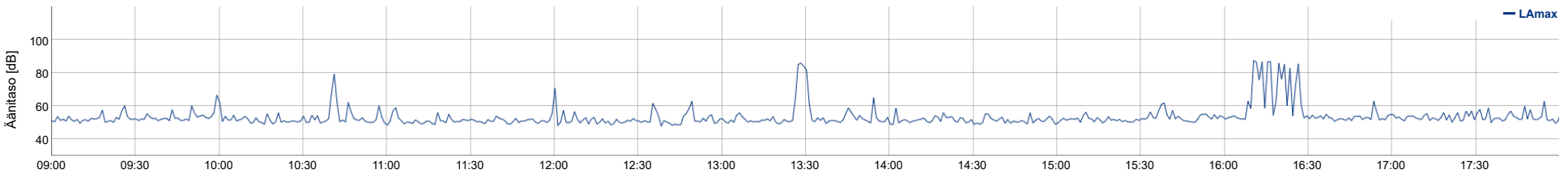
Pysyvyystasot



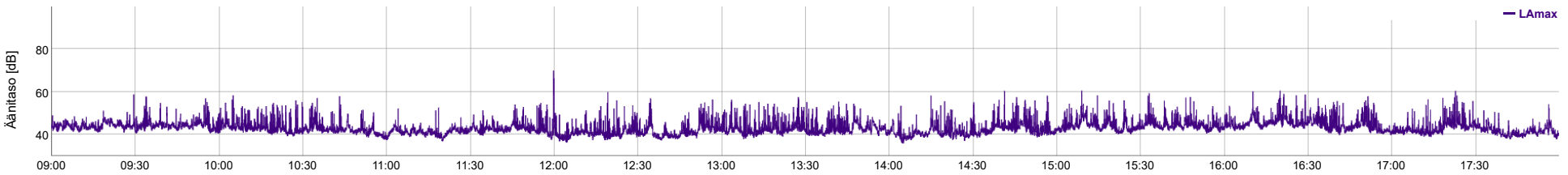
Spektrit



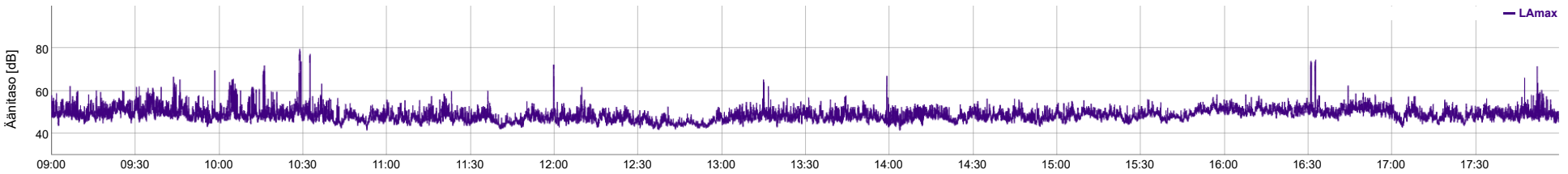
PS



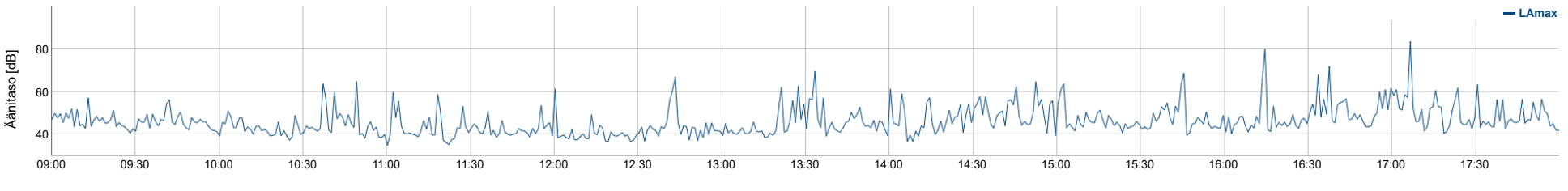
MP1



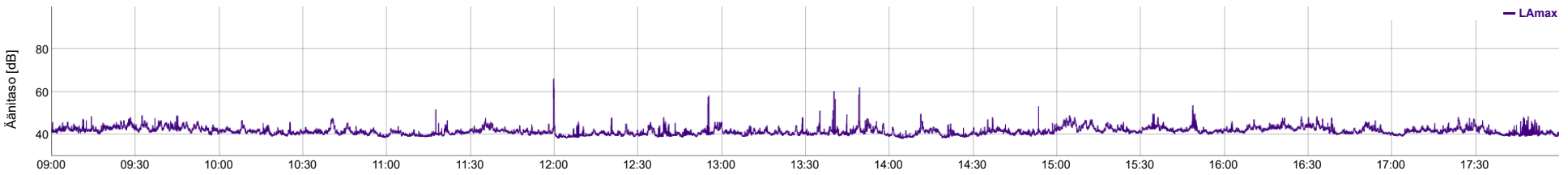
MP2



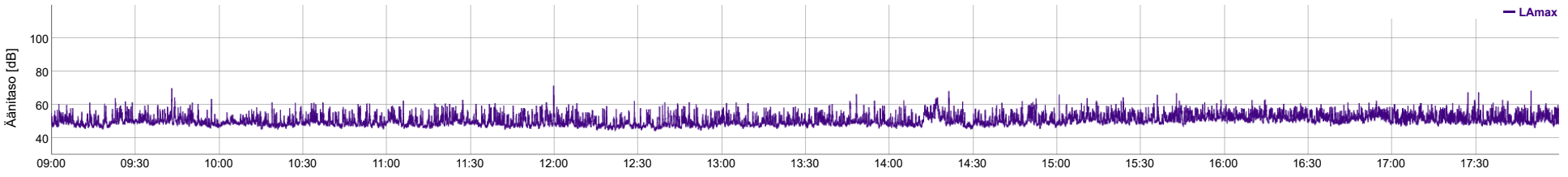
MP3



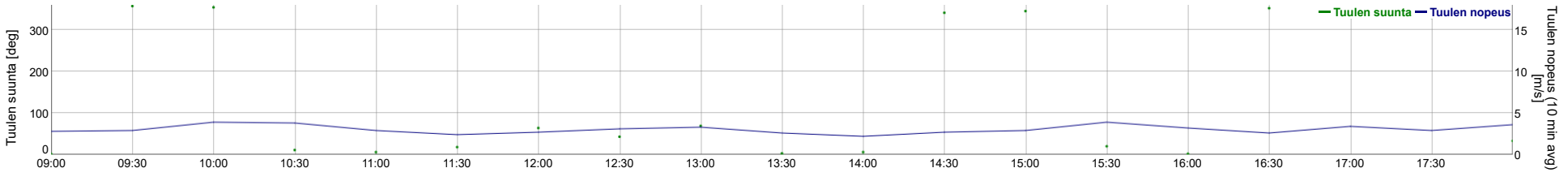
MP4



MP5



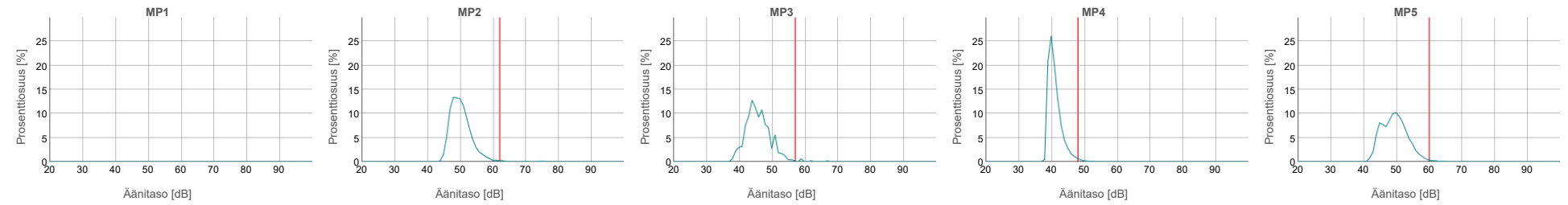
Säähavainnot



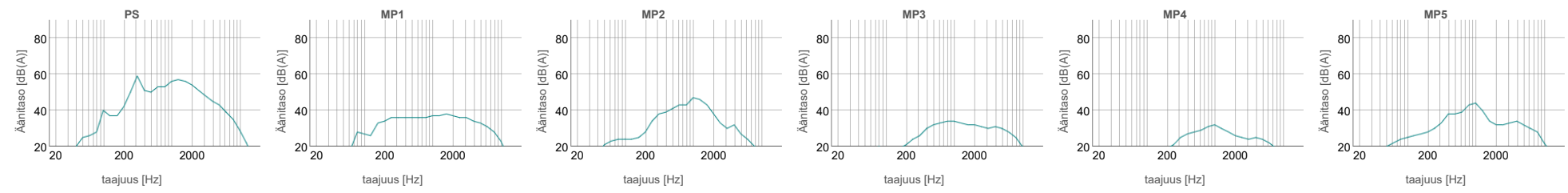
06.09.

0906	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	101	-	62	57	48	60
LAF,5%	99	-	56	52	45	56
LAF,50%	54	-	50	45	41	49
LAF,60dB	38 %	- %	1 %	0 %	0 %	0 %
LAF,65dB	33 %	- %	0 %	0 %	0 %	0 %
LAF,70dB	30 %	- %	0 %	0 %	0 %	0 %
LAeq	72	-	52	43	41	50

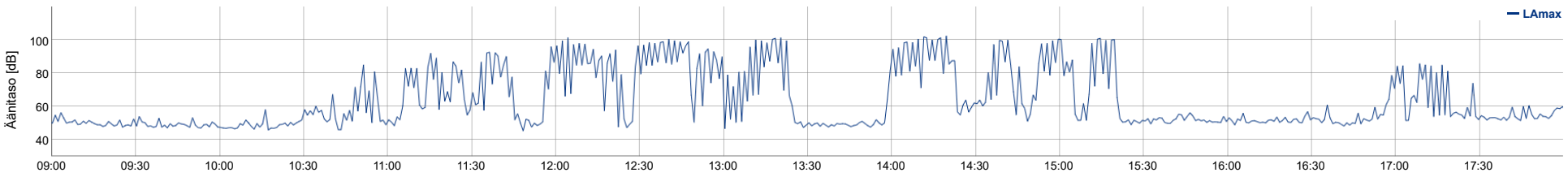
Pysyvyystasot



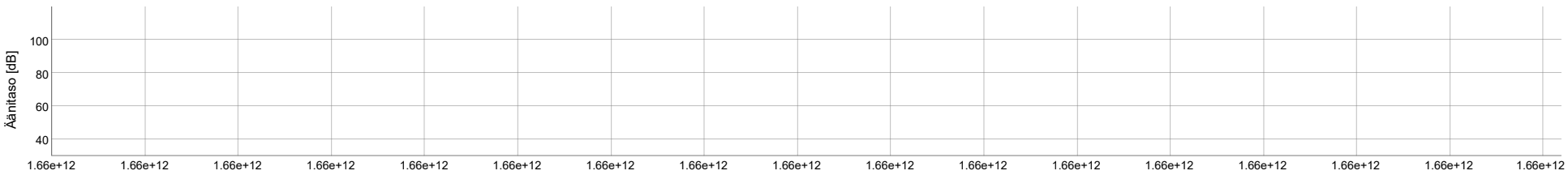
Spektrit



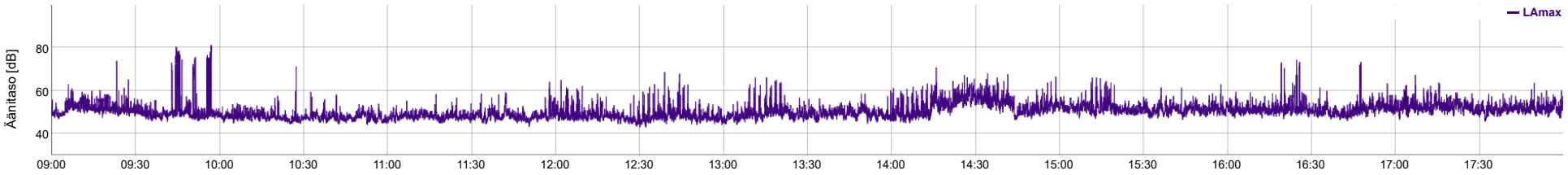
PS



MP1

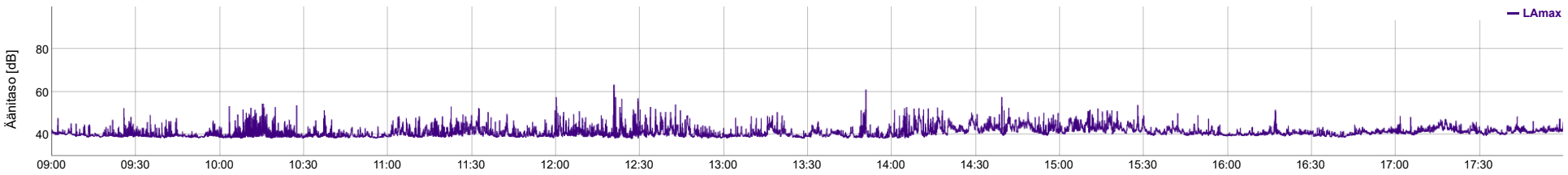


MP2

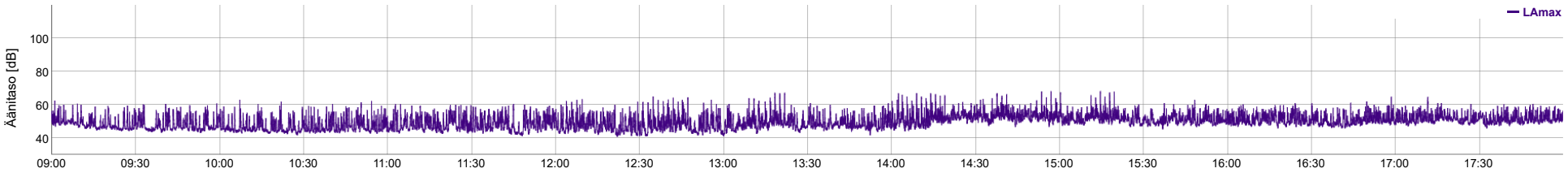


MP3

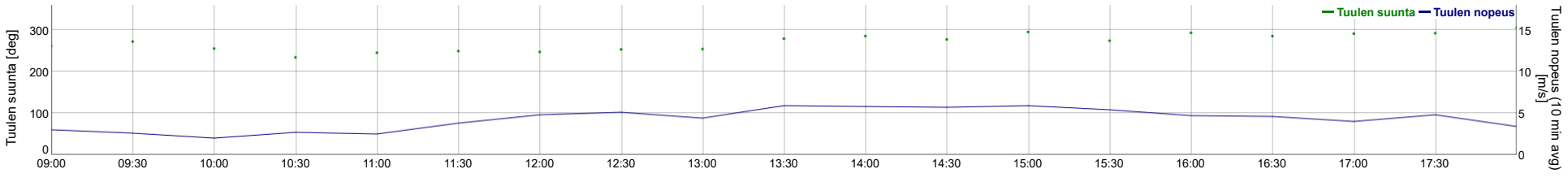
MP4



MP5



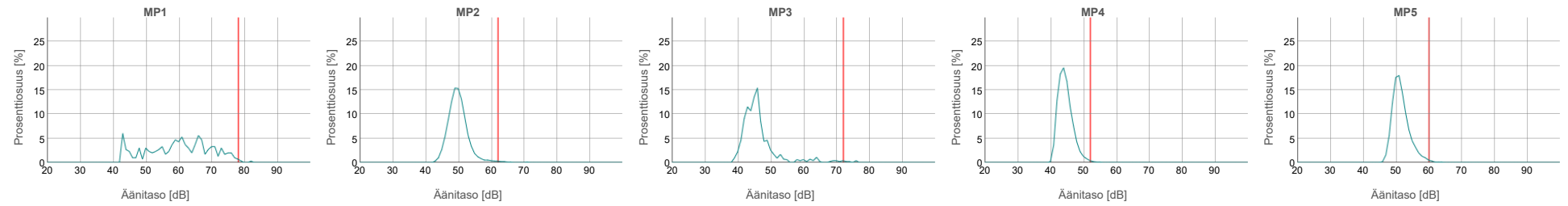
Säähavainnot



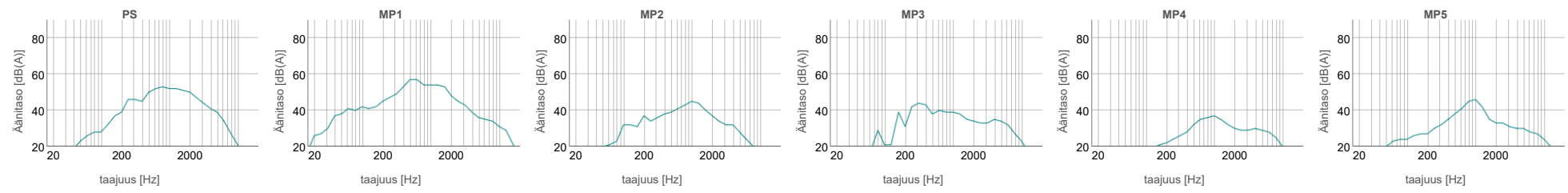
07.09.

0907	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	98	78	62	72	52	60
LAF,5%	93	75	55	60	49	57
LAF,50%	54	61	50	45	44	51
LAF,60dB	26 %	51 %	1 %	4 %	0 %	0 %
LAF,65dB	23 %	35 %	0 %	2 %	0 %	0 %
LAF,70dB	21 %	16 %	0 %	1 %	0 %	0 %
LAeq	67	63	51	50	45	52

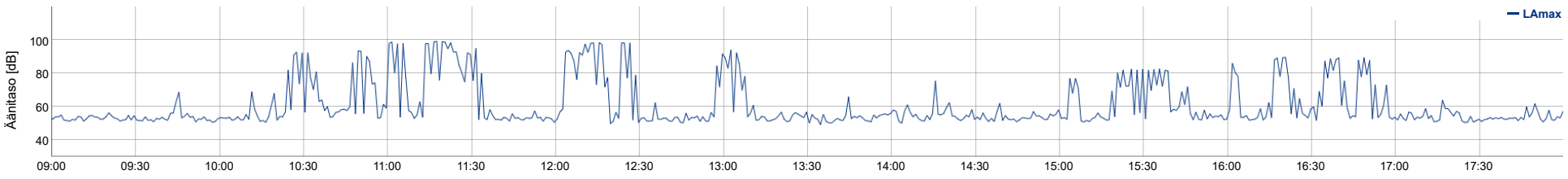
Pysyvyystasot



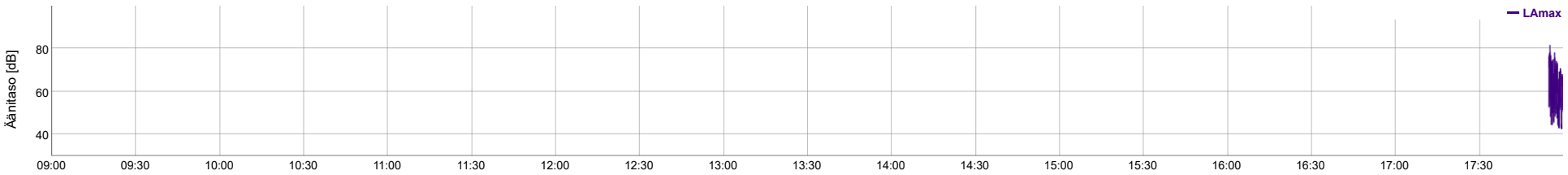
Spektrit



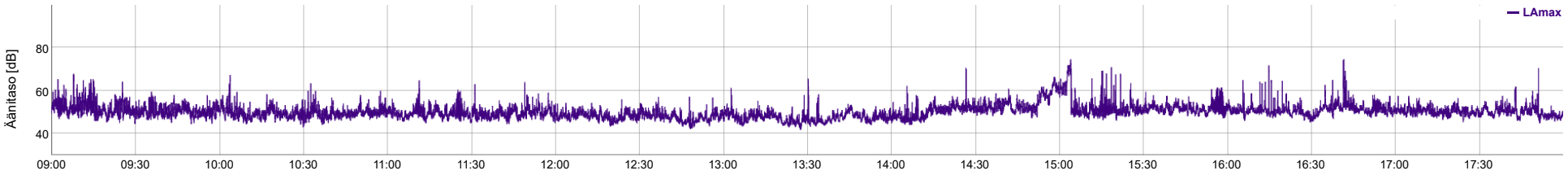
PS



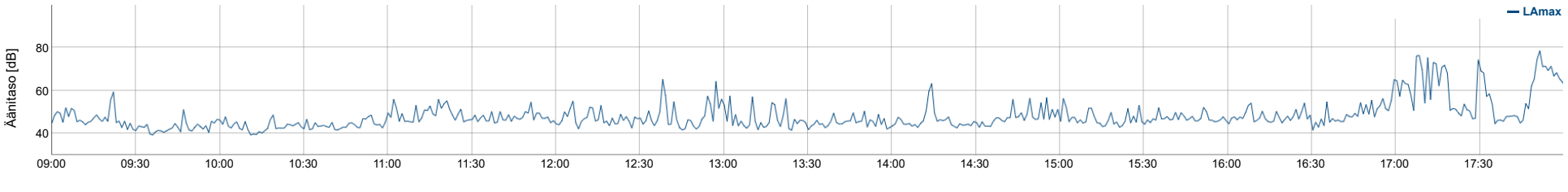
MP1



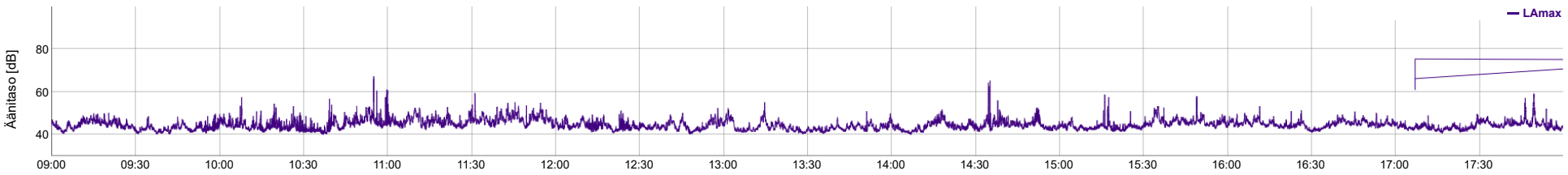
MP2



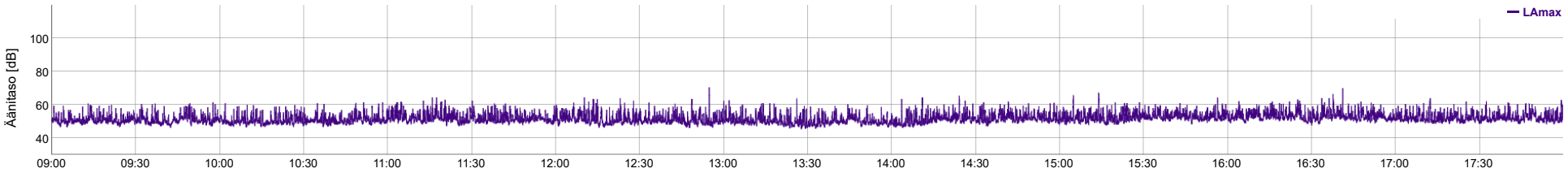
MP3



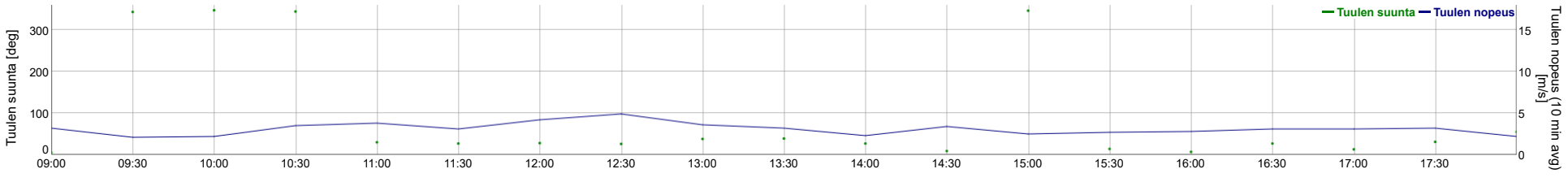
MP4



MP5



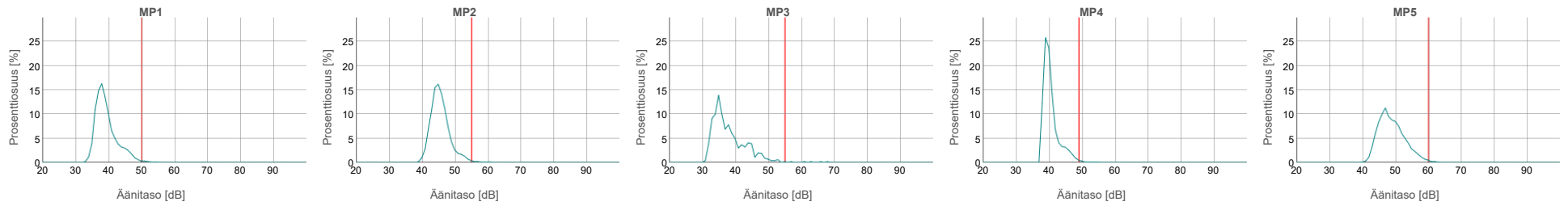
Säähavainnot



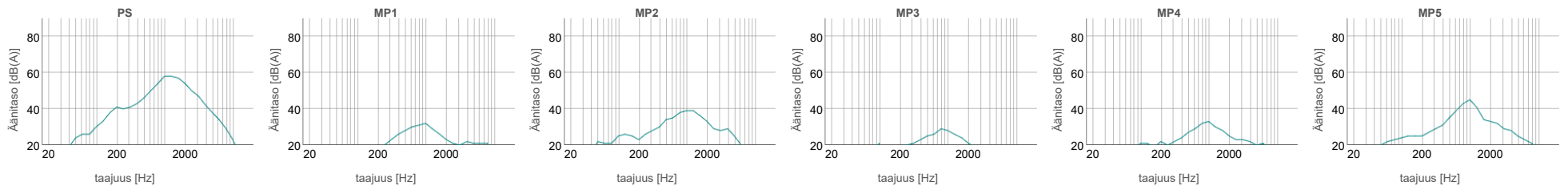
08.09.

0908	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	92	50	55	55	49	60
LAF,5%	86	46	51	48	46	56
LAF,50%	53	39	45	37	40	48
LAF,60dB	24 %	0 %	0 %	0 %	0 %	0 %
LAF,65dB	18 %	0 %	0 %	0 %	0 %	0 %
LAF,70dB	16 %	0 %	0 %	0 %	0 %	0 %
LAeq	65	40	46	37	41	50

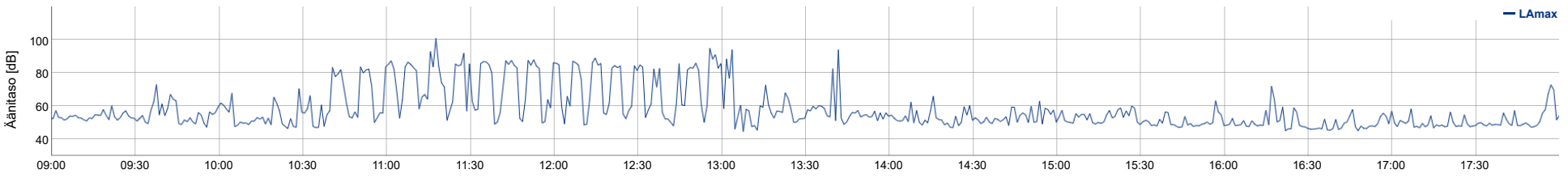
Pysyvyystasot



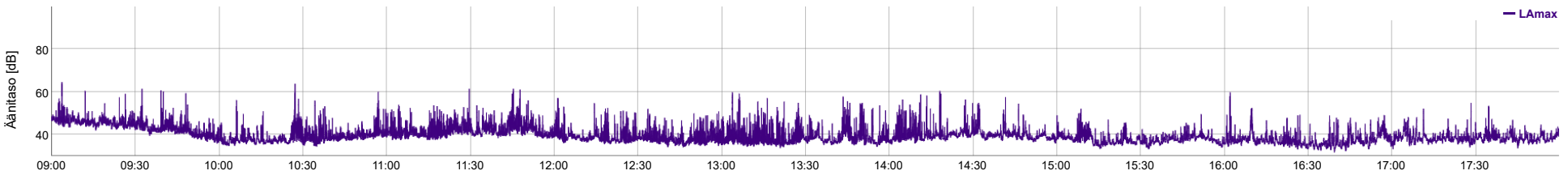
Spektrit



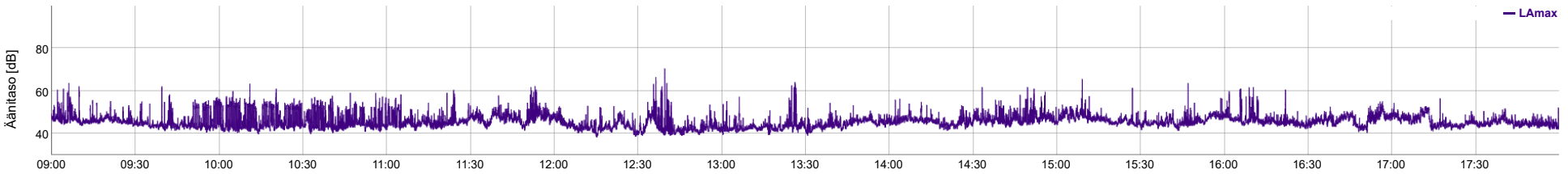
PS



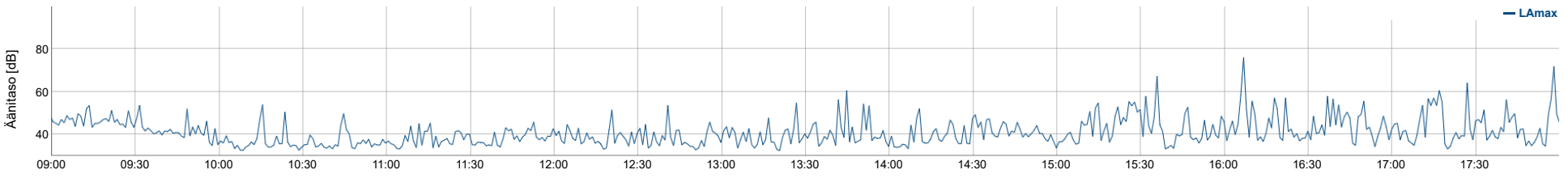
MP1



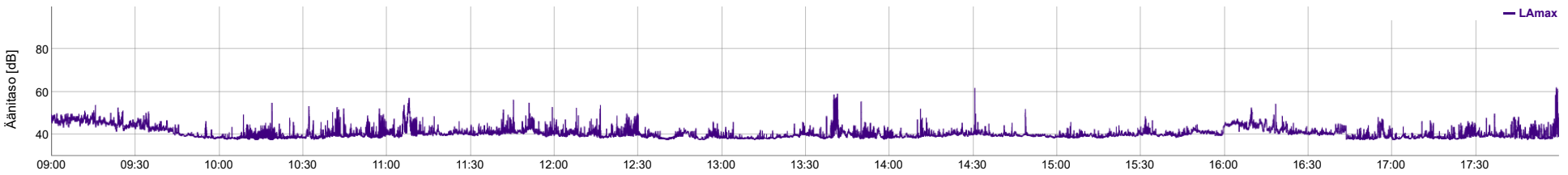
MP2



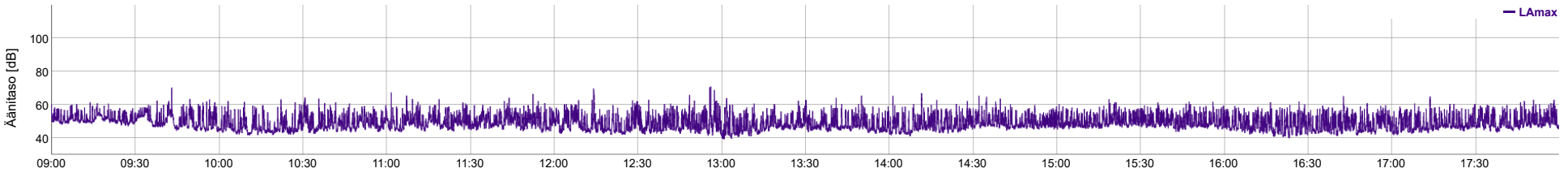
MP3



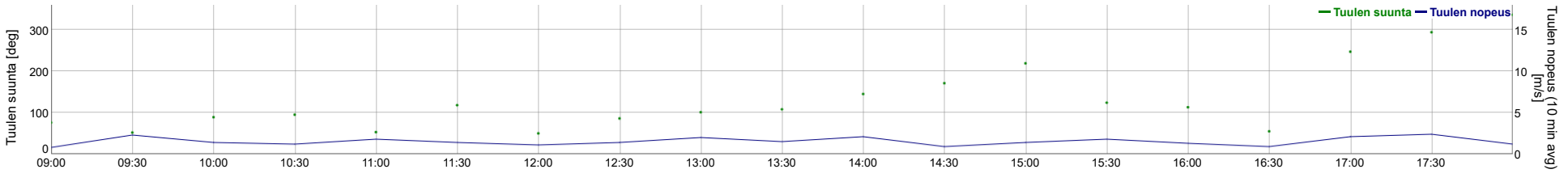
MP4



MP5



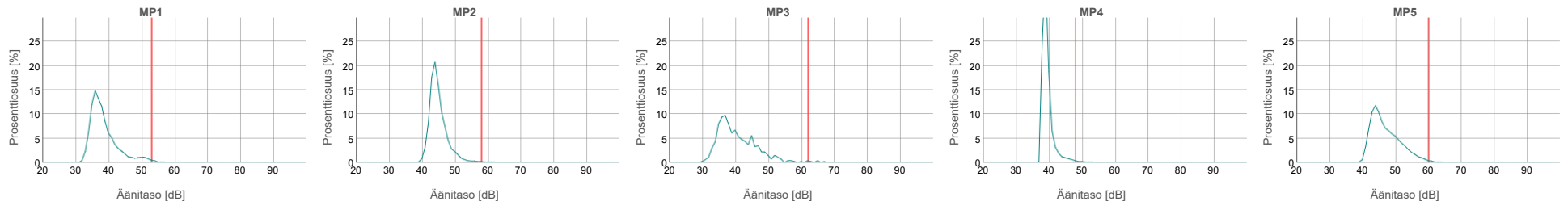
Säähavainnot



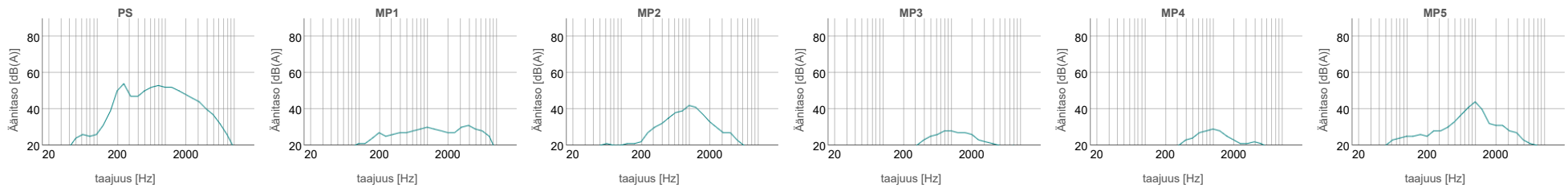
09.09.

0909	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	98	53	58	62	48	60
LAF,5%	91	49	51	52	43	56
LAF,50%	50	38	44	39	39	46
LAF,60dB	20 %	0 %	0 %	1 %	0 %	0 %
LAF,65dB	18 %	0 %	0 %	0 %	0 %	0 %
LAF,70dB	16 %	0 %	0 %	0 %	0 %	0 %
LAeq	65	41	47	38	39	49

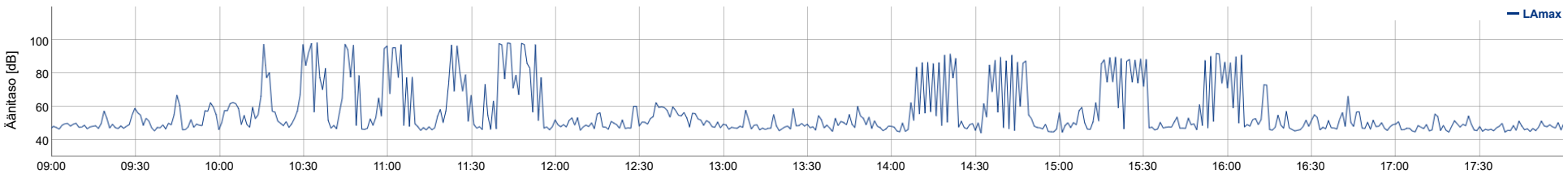
Pysyvyystasot



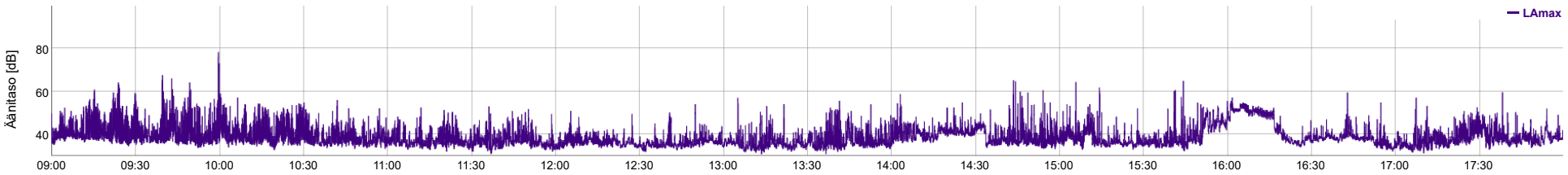
Spektrit



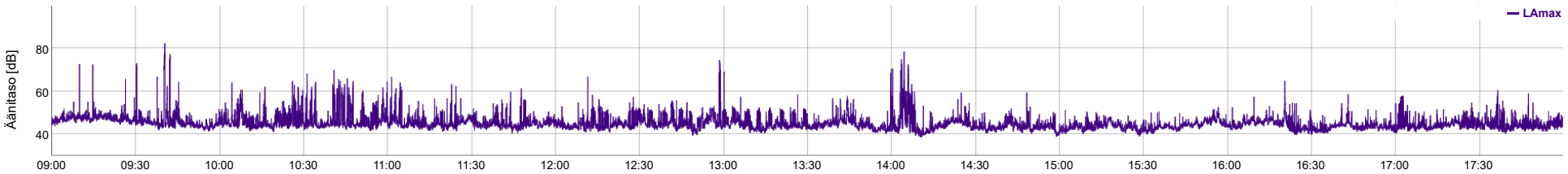
PS



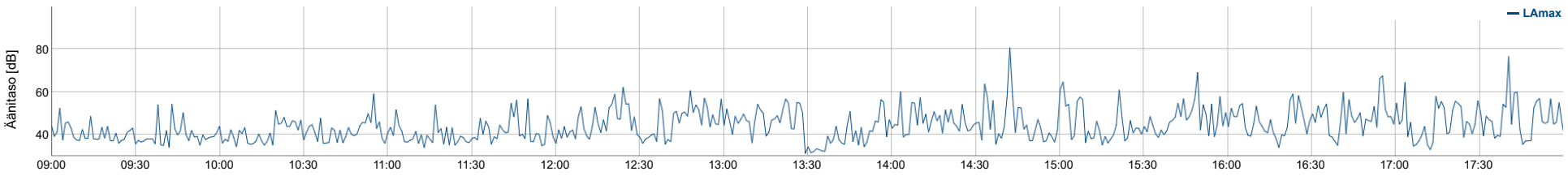
MP1



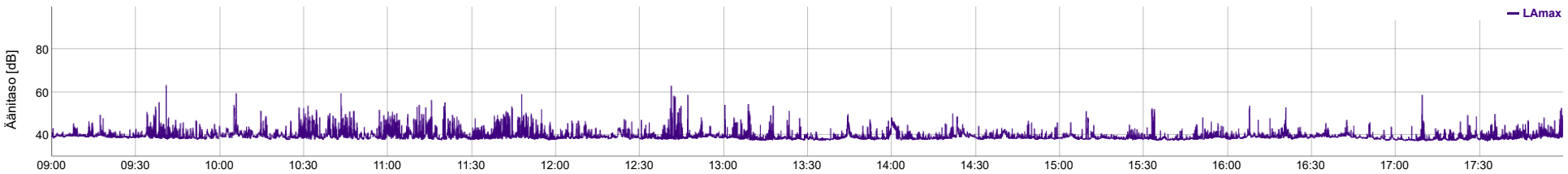
MP2



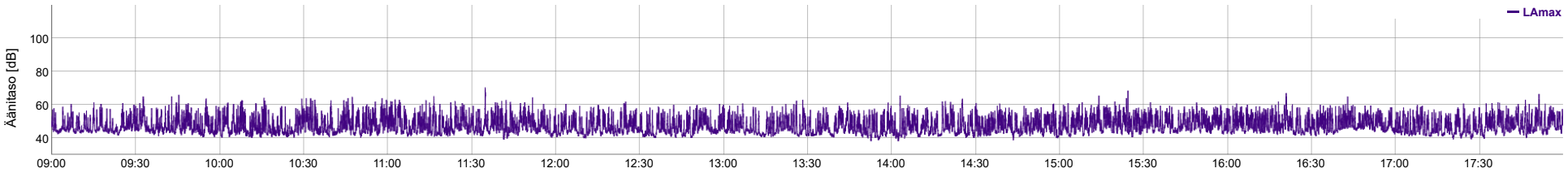
MP3



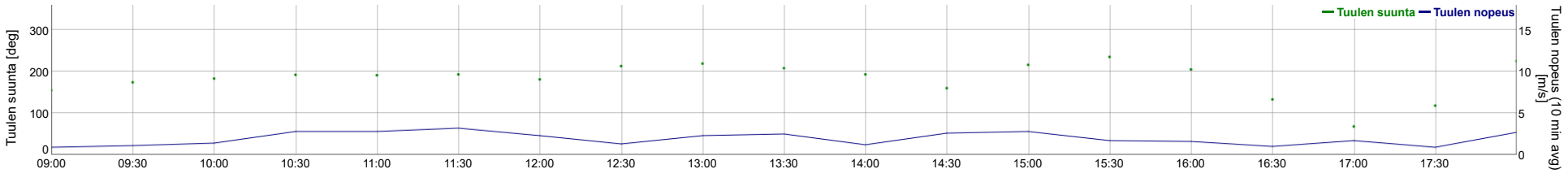
MP4



MP5



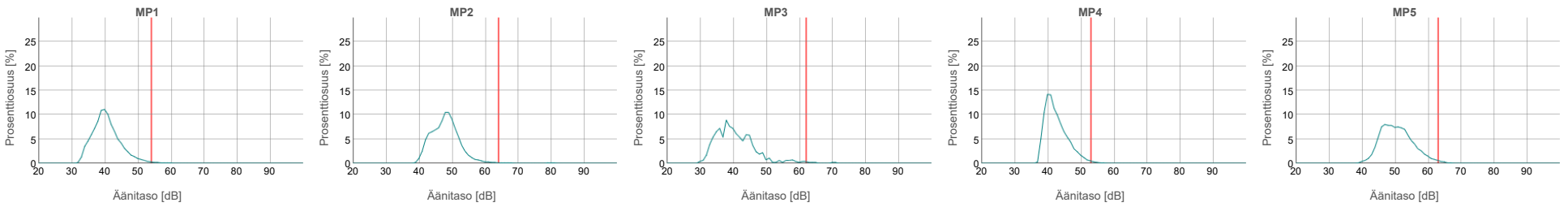
Säähavainnot



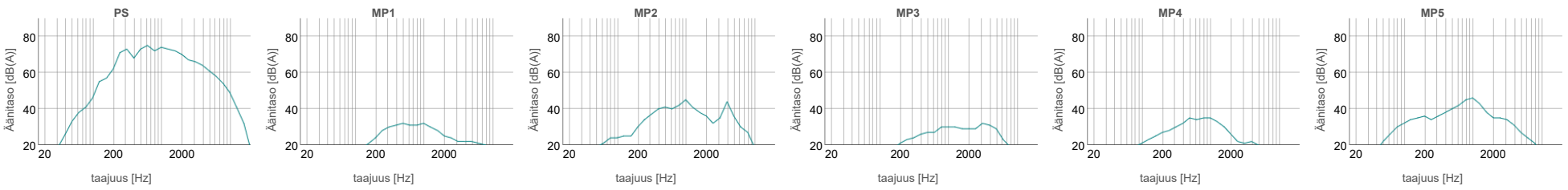
10.09.

0910	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	105	54	64	62	53	63
LAF,5%	104	49	56	52	49	59
LAF,50%	88	40	48	40	42	50
LAF,60dB	83 %	0 %	1 %	1 %	0 %	3 %
LAF,65dB	81 %	0 %	0 %	0 %	0 %	0 %
LAF,70dB	79 %	0 %	0 %	0 %	0 %	0 %
LAeq	80	42	52	40	43	52

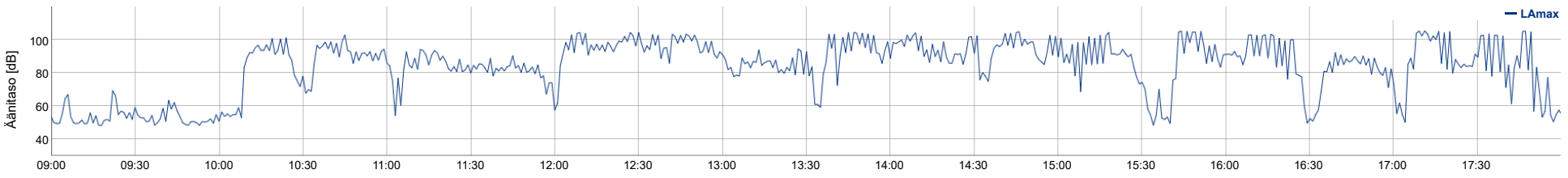
Pysyvyystasot



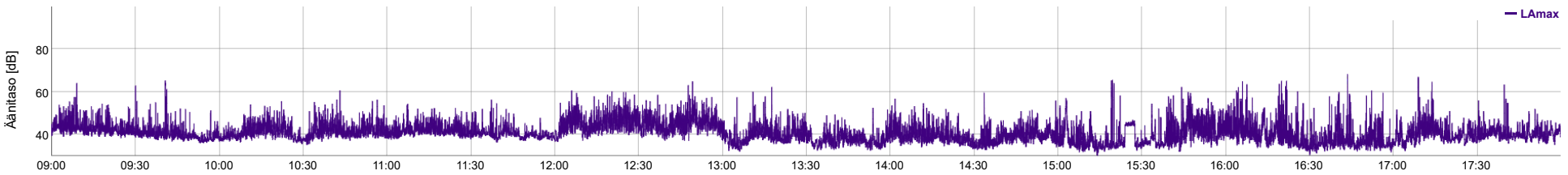
Spektrit



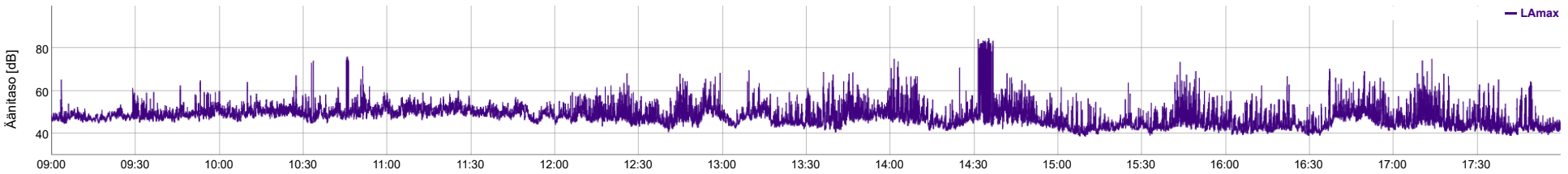
PS



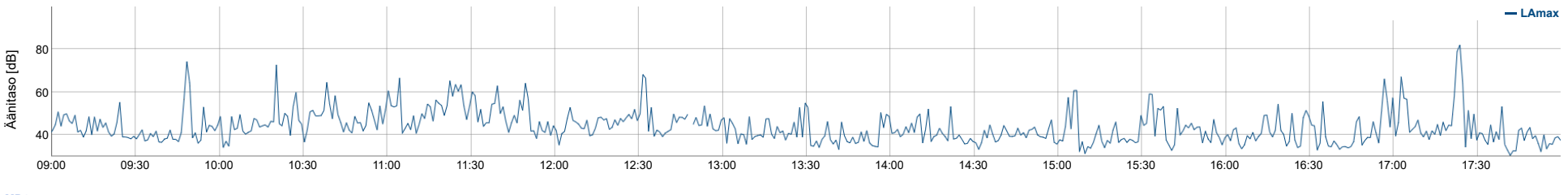
MP1



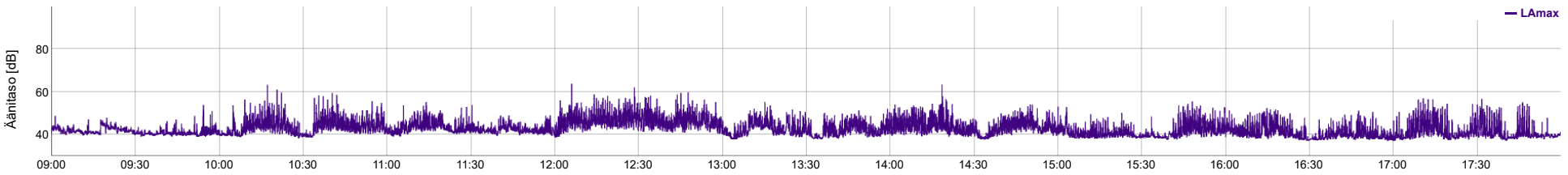
MP2



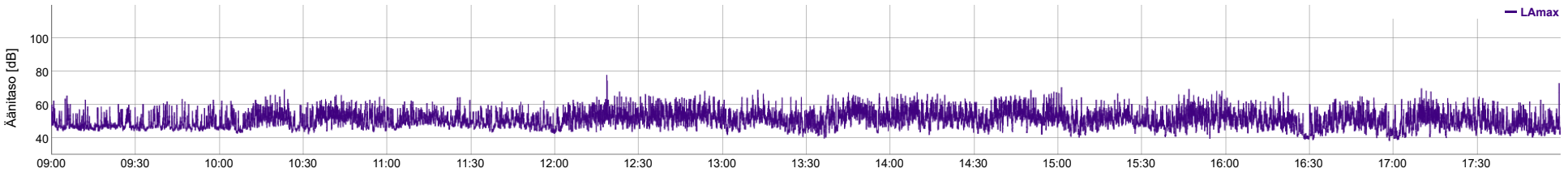
MP3



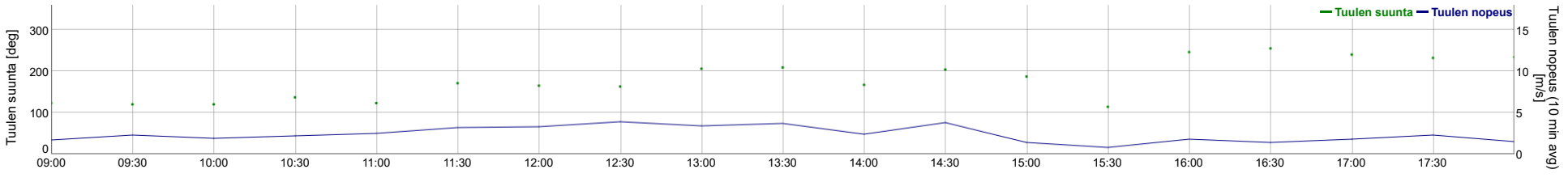
MP4



MP5



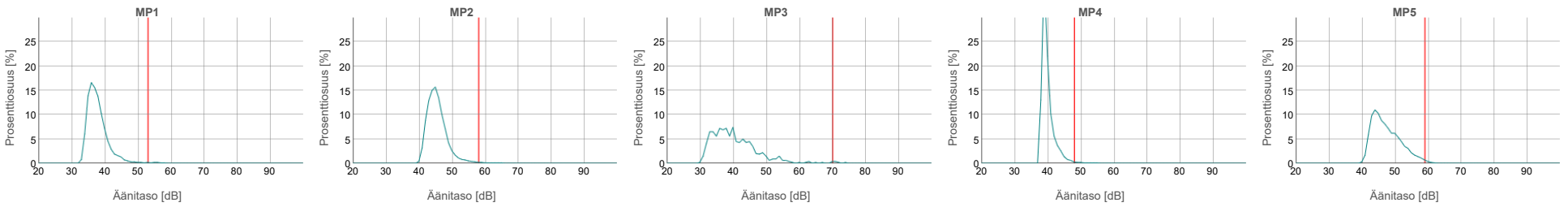
Säähavainnot



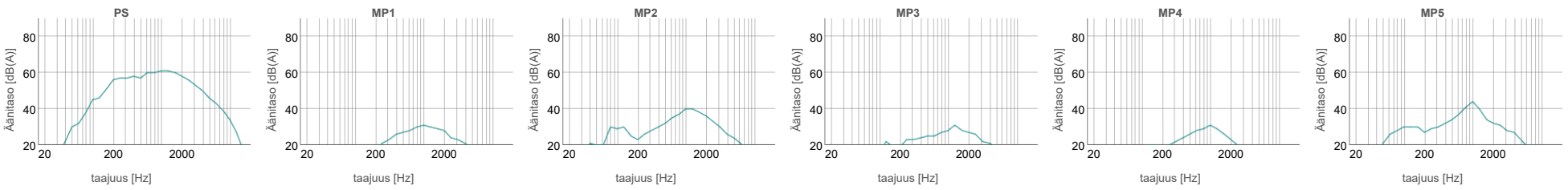
11.09.

0911	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	96	53	58	70	48	59
LAF,5%	93	44	51	54	44	56
LAF,50%	58	37	45	39	39	47
LAF,60dB	46 %	0 %	0 %	1 %	0 %	0 %
LAF,65dB	43 %	0 %	0 %	1 %	0 %	0 %
LAF,70dB	41 %	0 %	0 %	0 %	0 %	0 %
LAeq	70	40	46	41	40	49

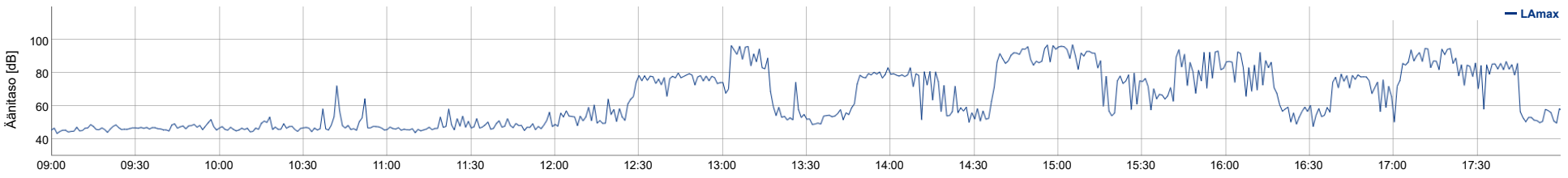
Pysyvyystasot



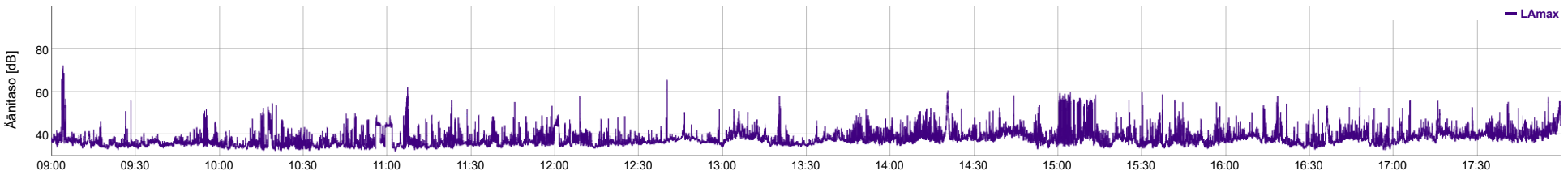
Spektrit



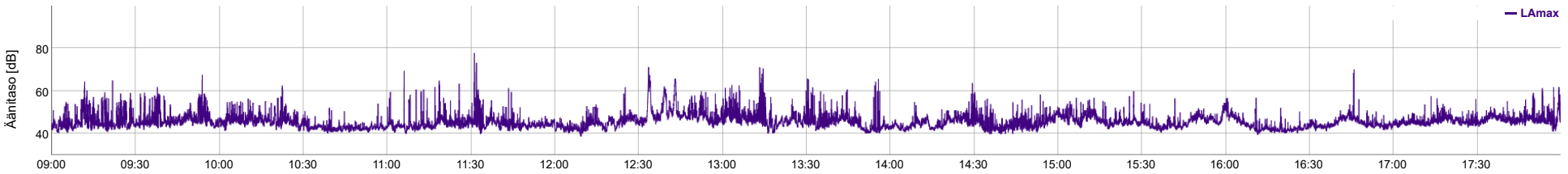
PS



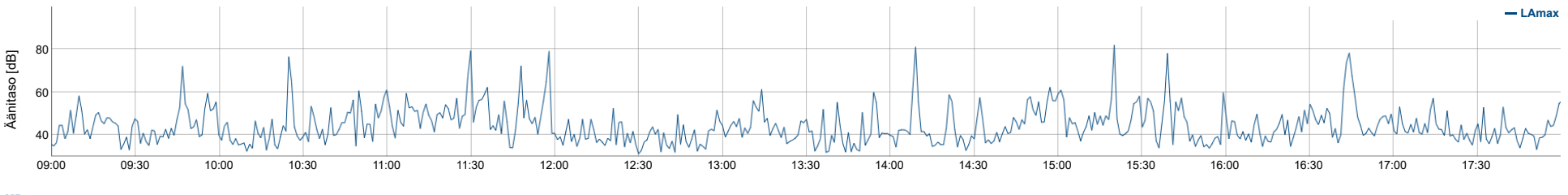
MP1



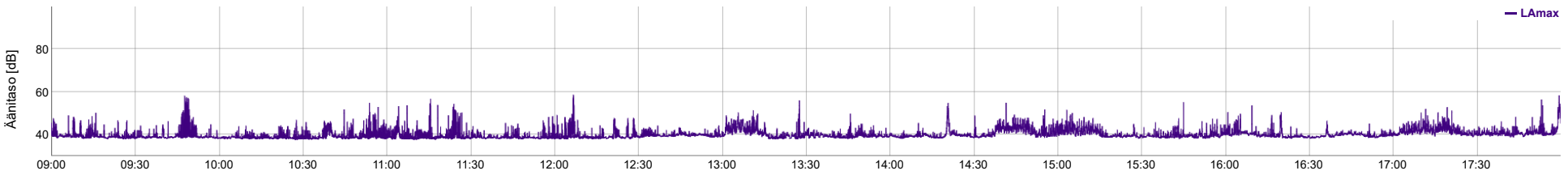
MP2



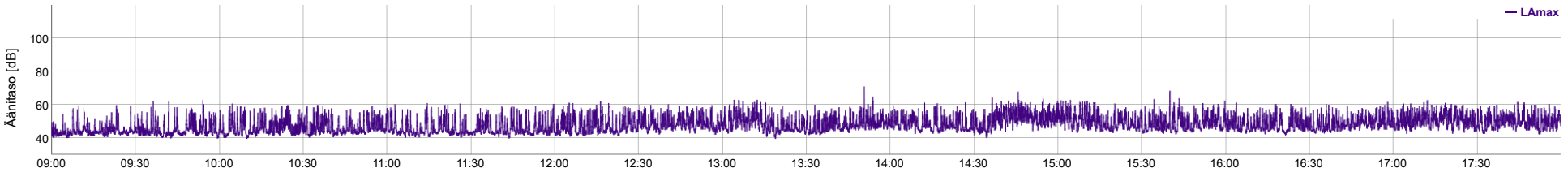
MP3



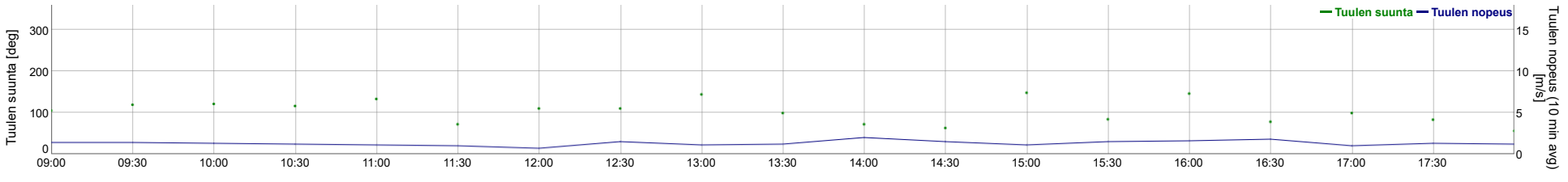
MP4



MP5



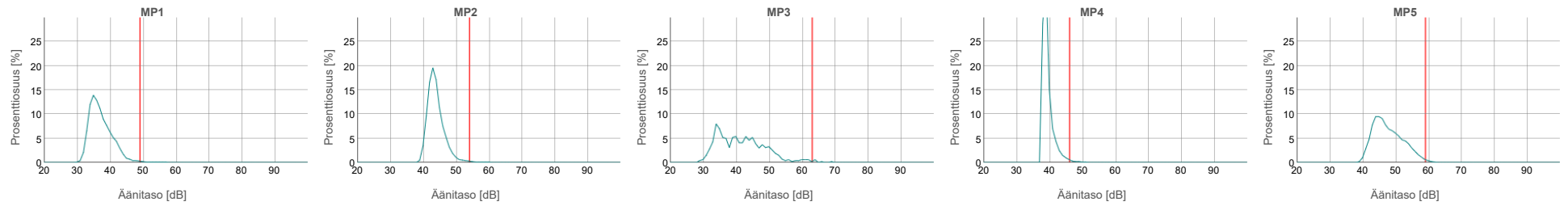
Säähavainnot



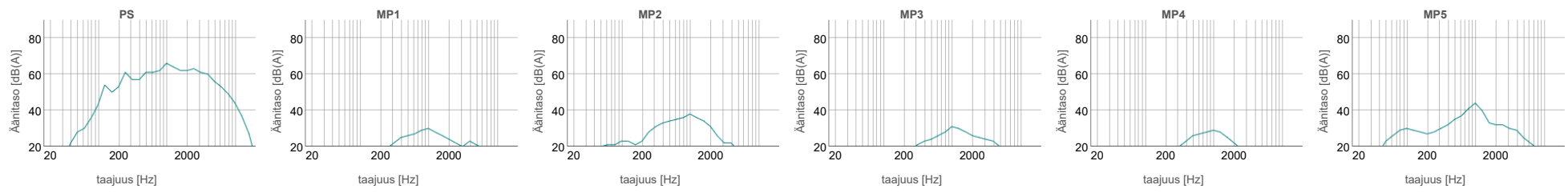
12.09.

0912	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	98	49	54	63	46	59
LAF,5%	96	44	49	54	43	56
LAF,50%	52	37	44	41	39	47
LAF,60dB	31 %	0 %	0 %	2 %	0 %	0 %
LAF,65dB	29 %	0 %	0 %	0 %	0 %	0 %
LAF,70dB	27 %	0 %	0 %	0 %	0 %	0 %
LAeq	71	38	44	39	39	49

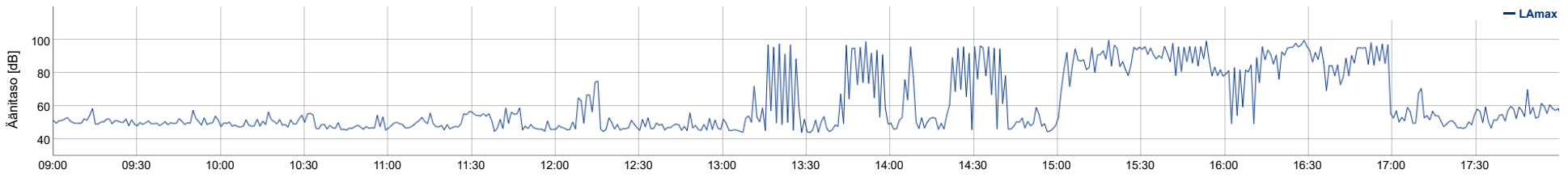
Pysyvyystasot



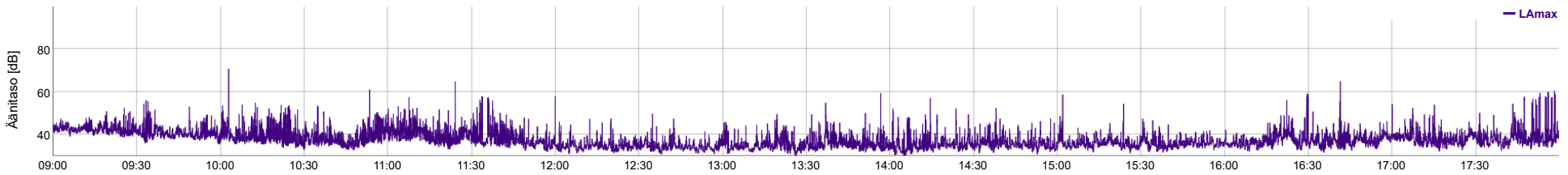
Spektrit



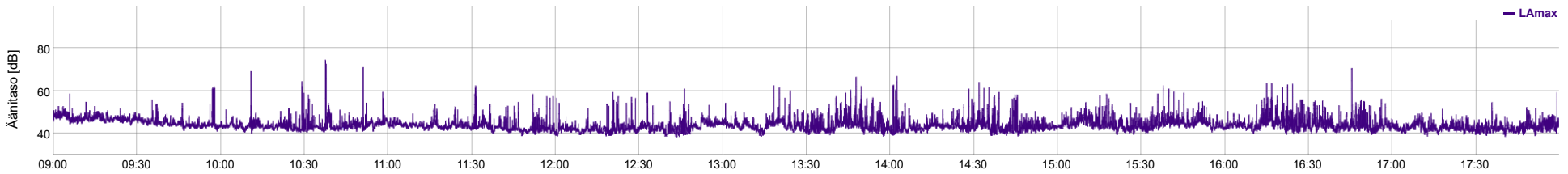
PS



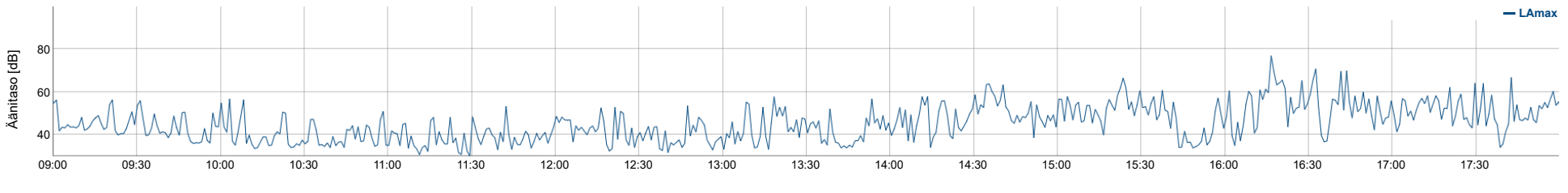
MP1



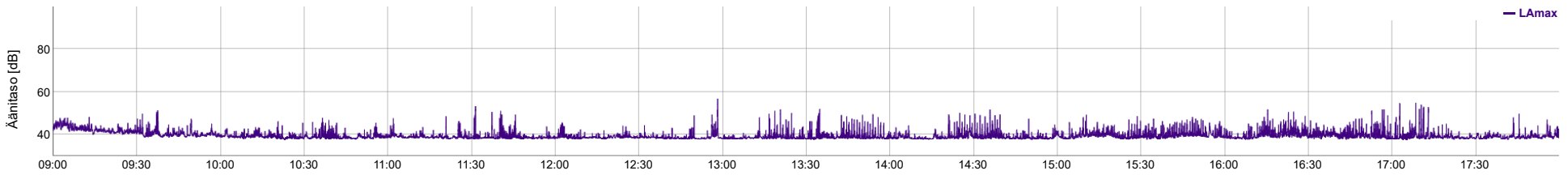
MP2



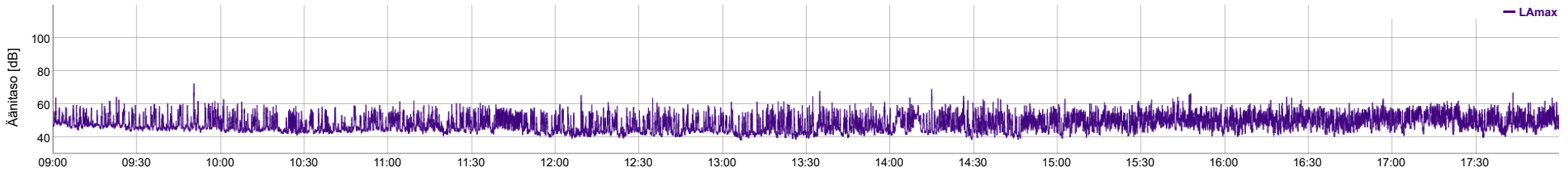
MP3



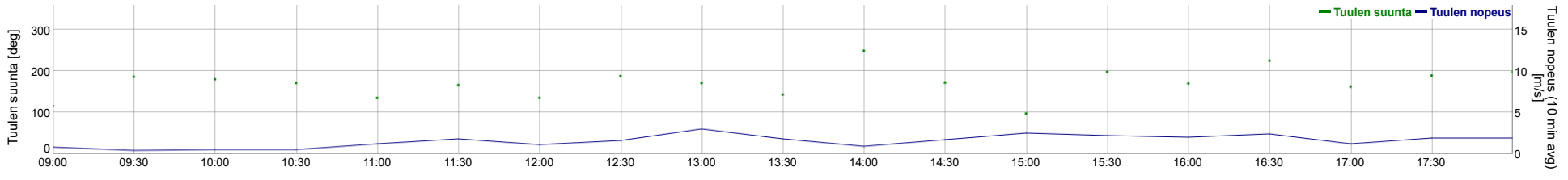
MP4



MP5



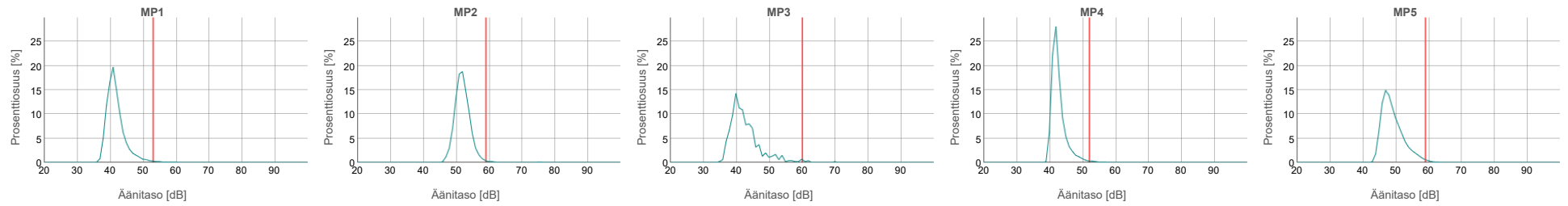
Säähavainnot



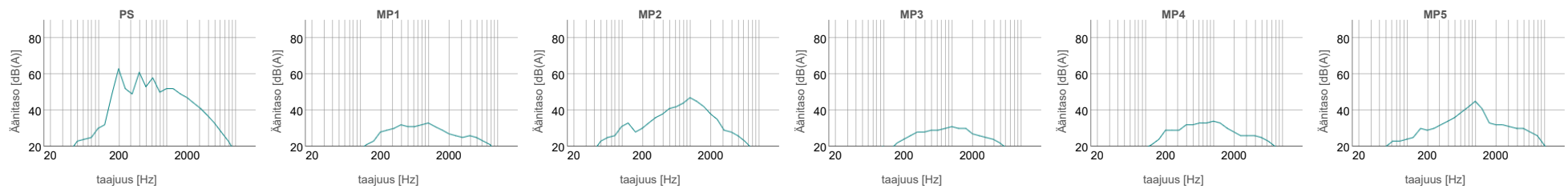
13.09.

0913	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	93	53	59	60	52	59
LAF,5%	91	48	56	52	48	56
LAF,50%	52	41	52	42	42	49
LAF,60dB	28 %	0 %	0 %	0 %	0 %	0 %
LAF,65dB	23 %	0 %	0 %	0 %	0 %	0 %
LAF,70dB	19 %	0 %	0 %	0 %	0 %	0 %
LAeq	66	42	52	41	43	50

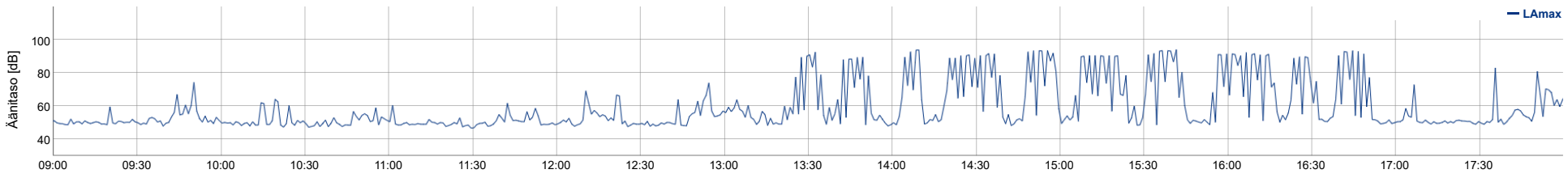
Pysyvyystasot



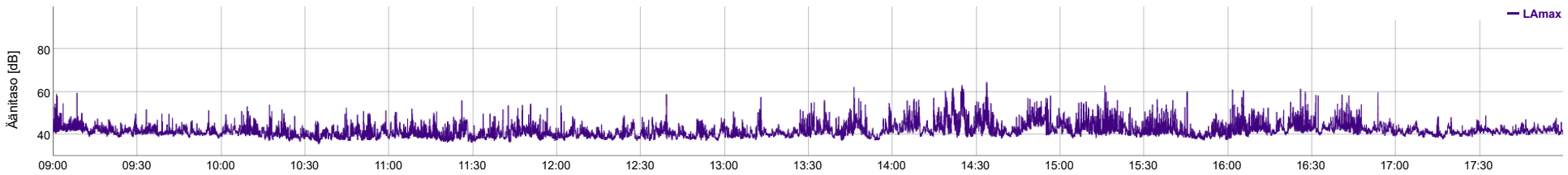
Spektrit



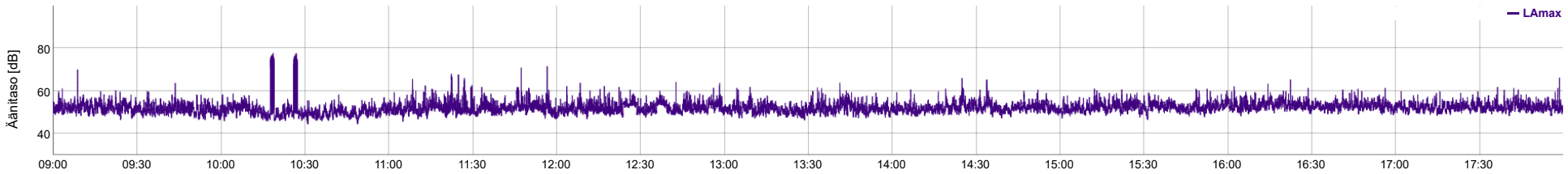
PS



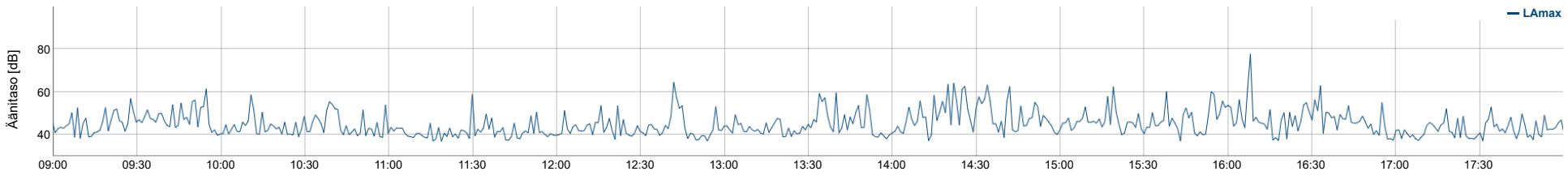
MP1



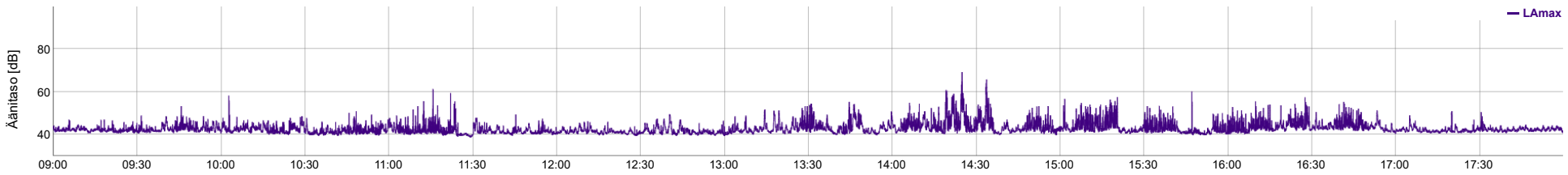
MP2



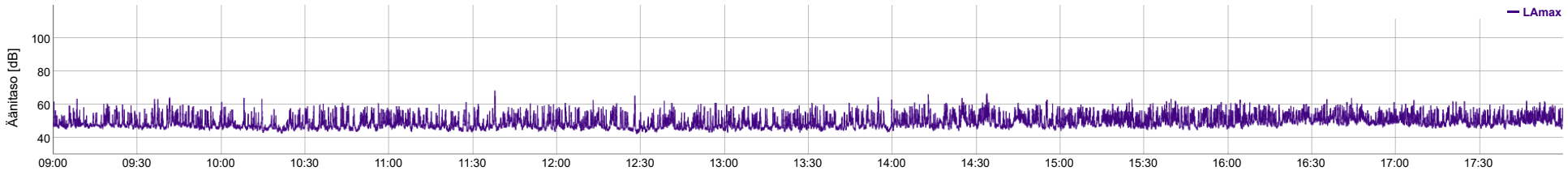
MP3



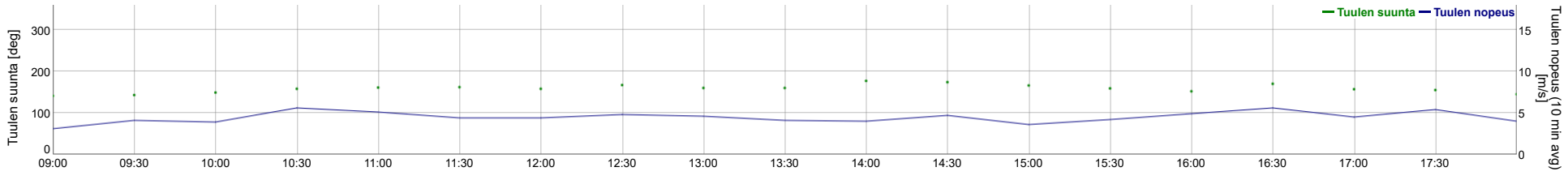
MP4



MP5



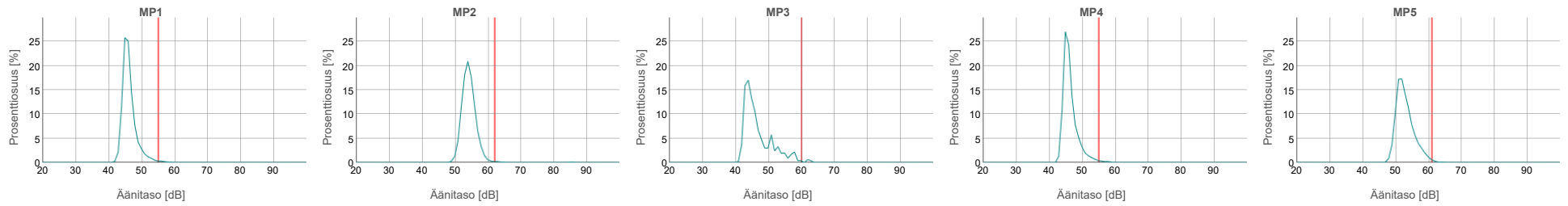
Säähavainnot



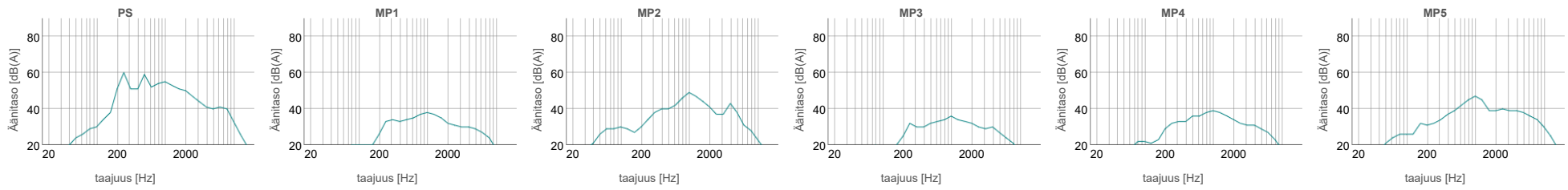
14.09.

0914	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	94	55	62	60	55	61
LAF,5%	93	51	58	57	51	58
LAF,50%	58	46	54	45	46	53
LAF,60dB	31 %	0 %	1 %	0 %	0 %	1 %
LAF,65dB	19 %	0 %	0 %	0 %	0 %	0 %
LAF,70dB	16 %	0 %	0 %	0 %	0 %	0 %
LAeq	67	46	56	44	47	53

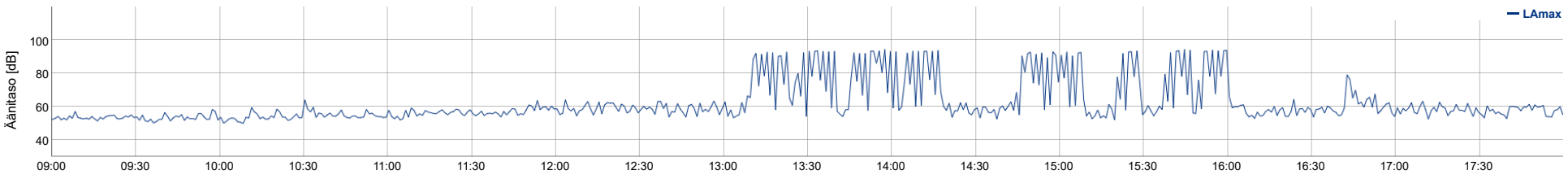
Pysyvyystasot



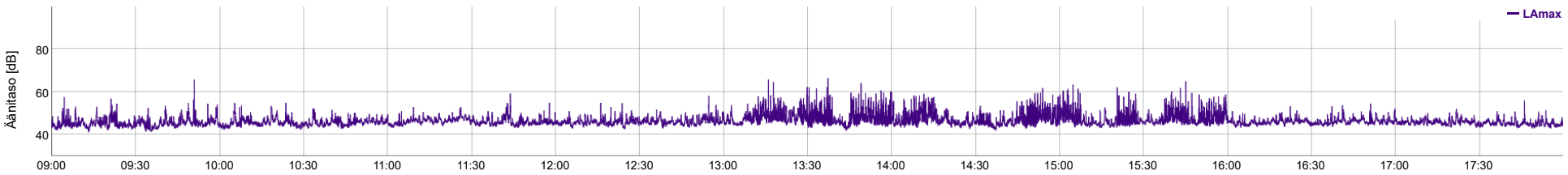
Spektrit



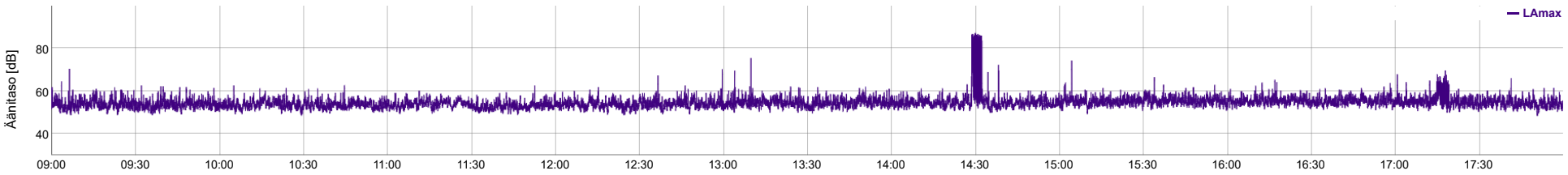
PS



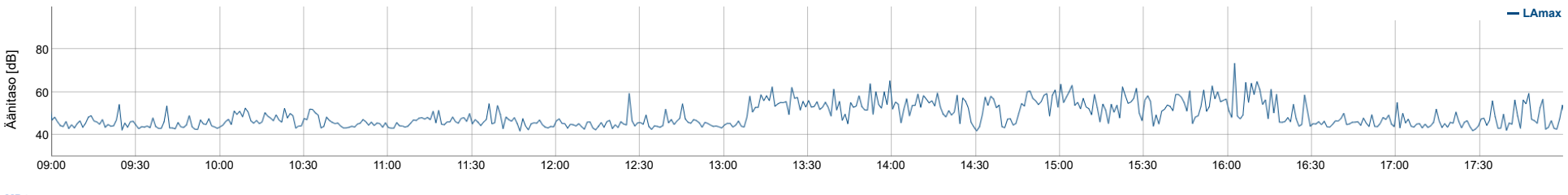
MP1



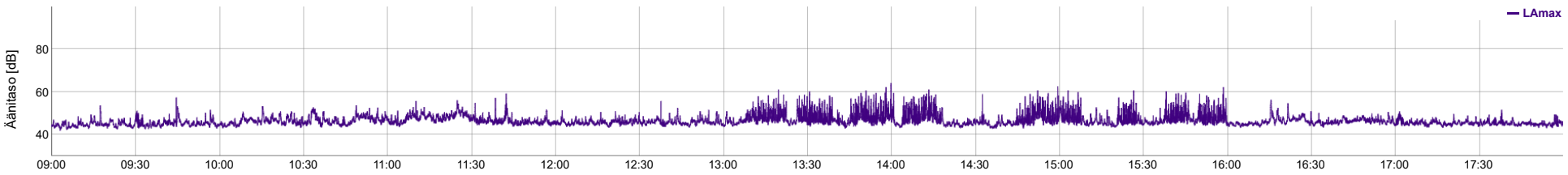
MP2



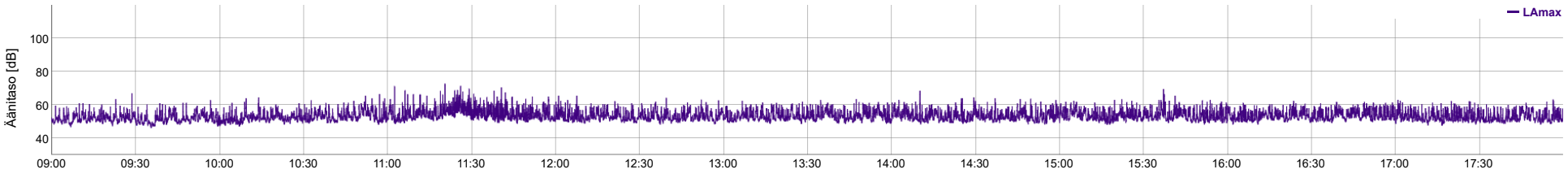
MP3



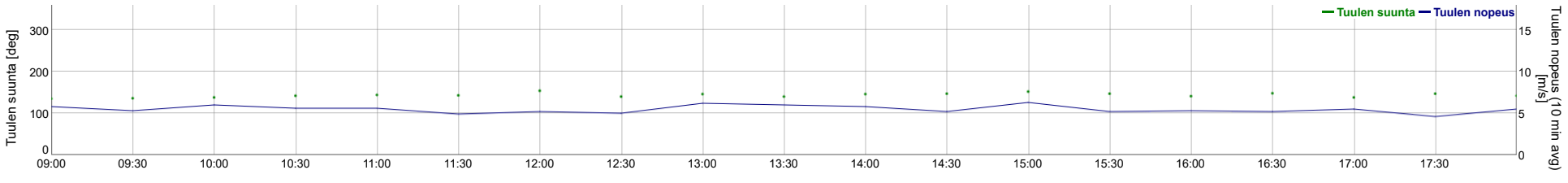
MP4



MP5



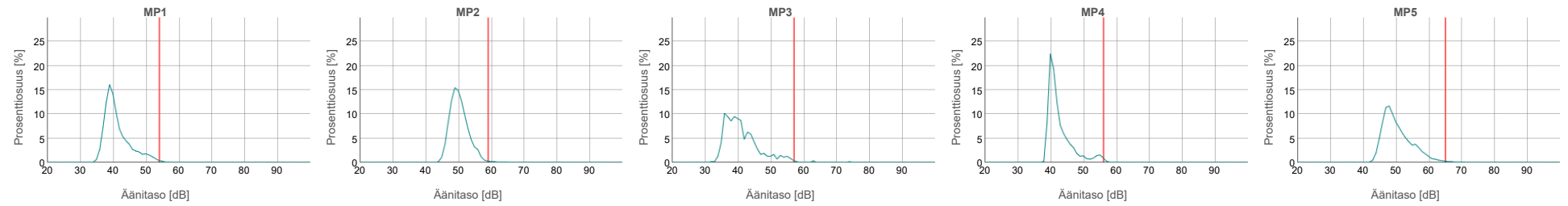
Säähavainnot



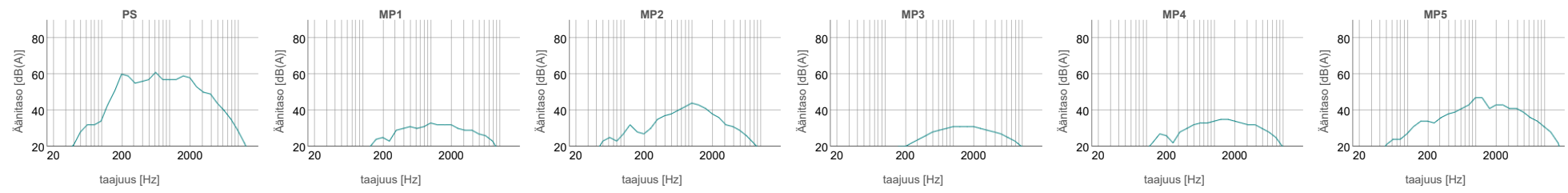
15.09.

0915	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	98	54	59	57	56	65
LAF,5%	94	50	56	53	53	59
LAF,50%	59	40	50	40	41	50
LAF,60dB	46 %	0 %	0 %	0 %	0 %	3 %
LAF,65dB	27 %	0 %	0 %	0 %	0 %	0 %
LAF,70dB	21 %	0 %	0 %	0 %	0 %	0 %
LAeq	68	42	51	41	45	52

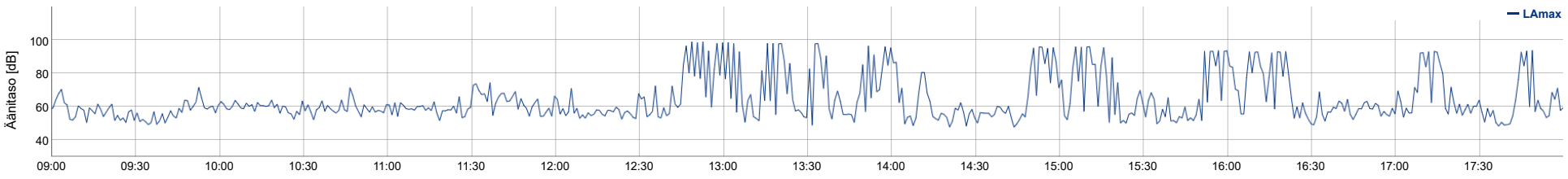
Pysyvyystasot



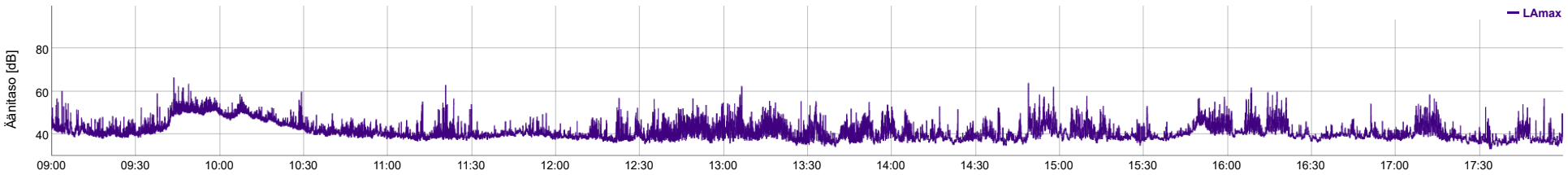
Spektrit



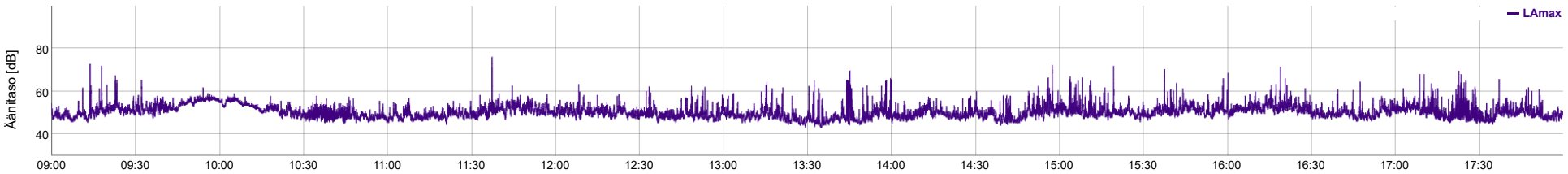
PS



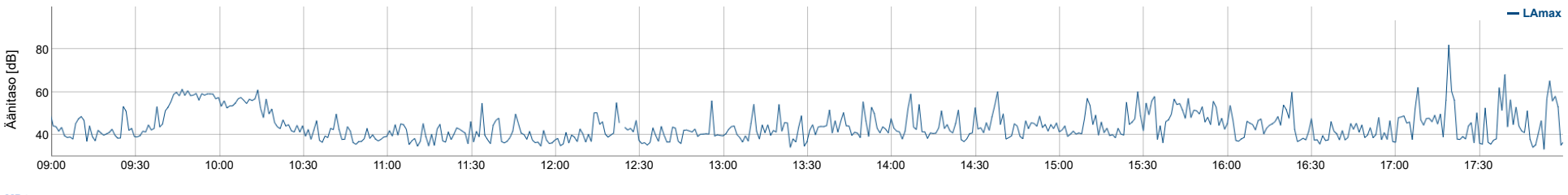
MP1



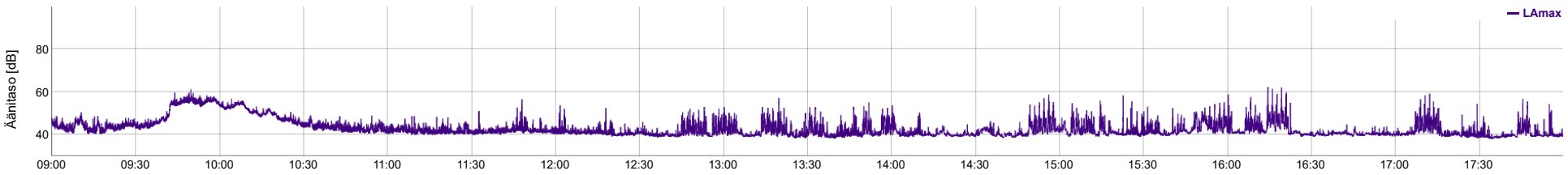
MP2



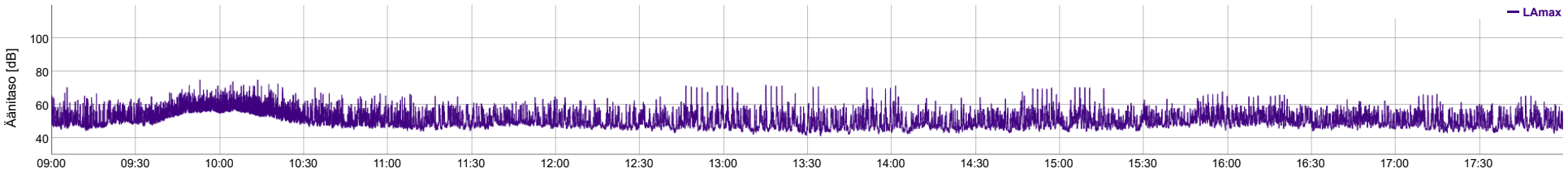
MP3



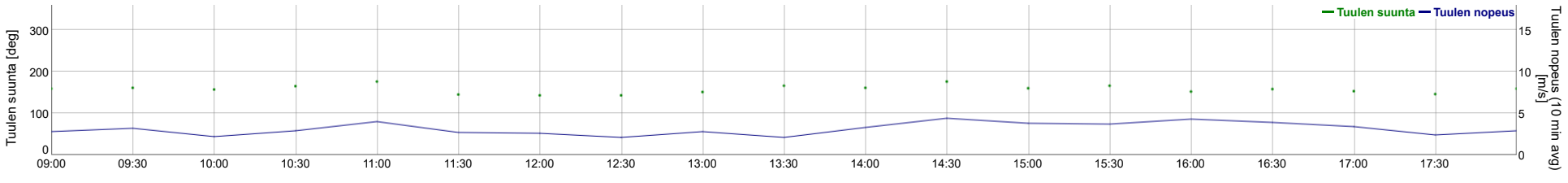
MP4



MP5



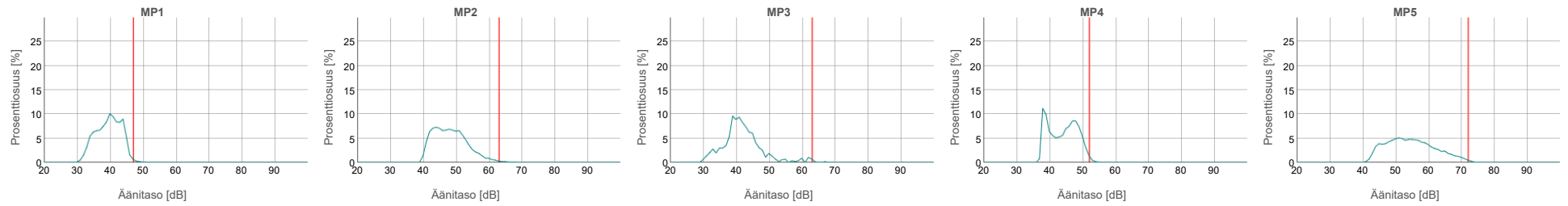
Säähavainnot



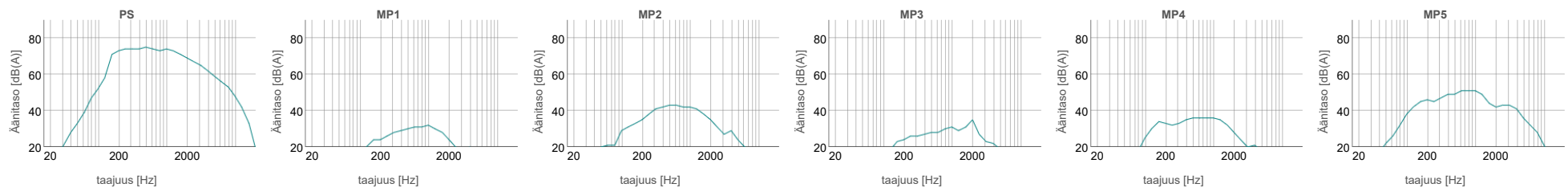
16.09.

0916	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	102	47	63	63	52	72
LAF,5%	101	45	58	54	51	68
LAF,50%	96	40	48	41	45	54
LAF,60dB	96 %	0 %	2 %	2 %	0 %	24 %
LAF,65dB	93 %	0 %	0 %	0 %	0 %	9 %
LAF,70dB	91 %	0 %	0 %	0 %	0 %	2 %
LAeq	84	40	51	40	45	59

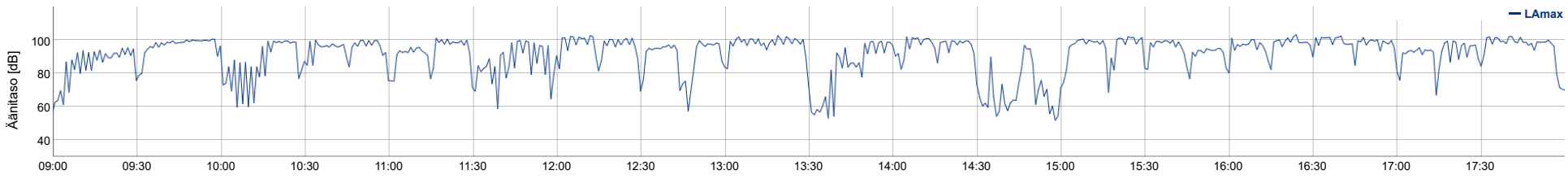
Pysyvyystasot



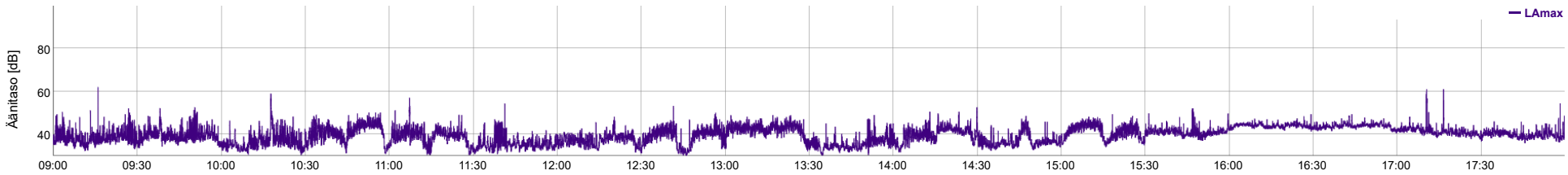
Spektrit



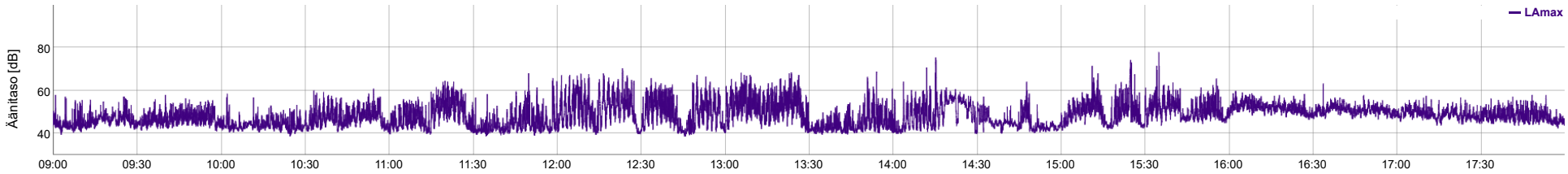
PS



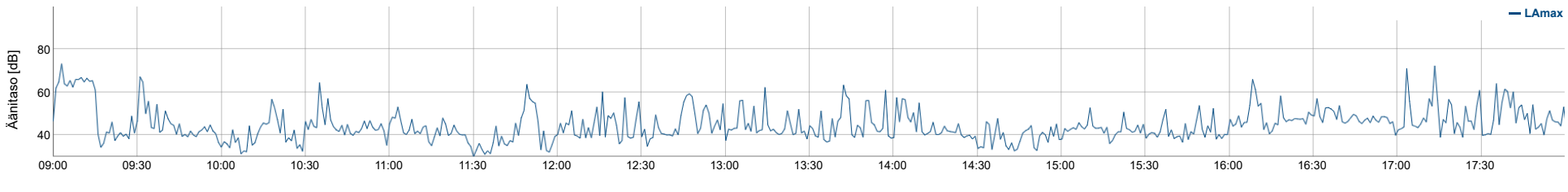
MP1



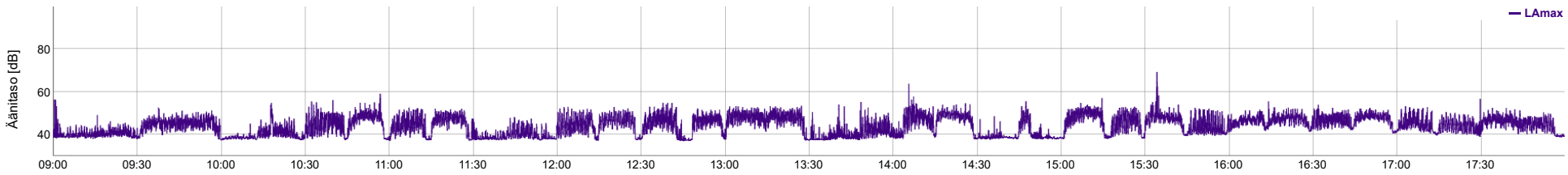
MP2



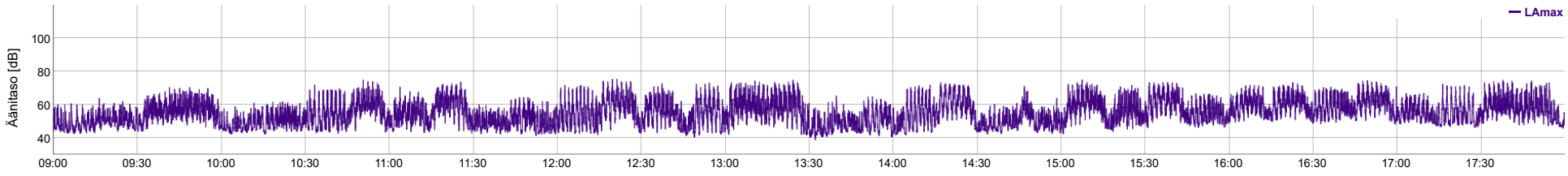
MP3



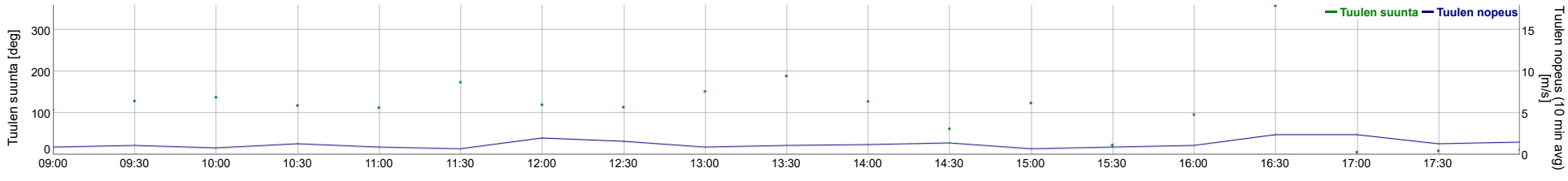
MP4



MP5



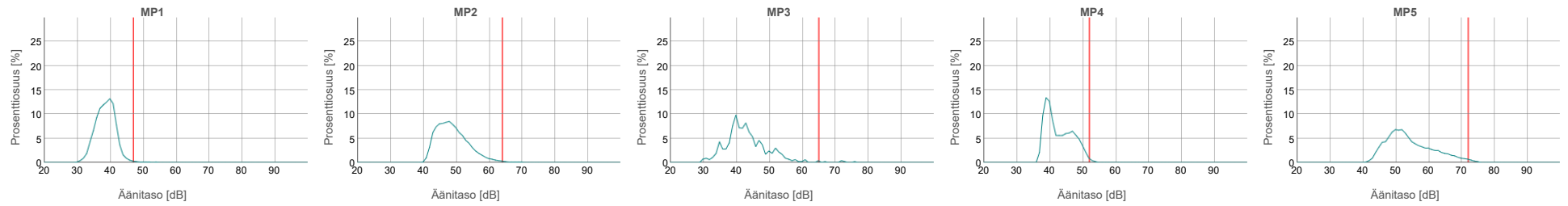
Säähavainnot



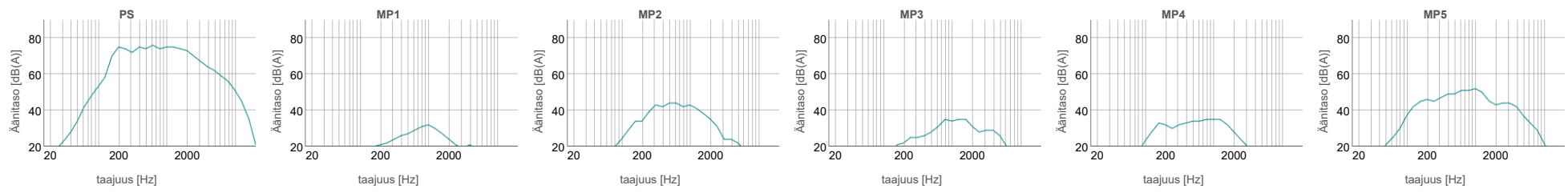
17.09.

0917	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	105	47	64	65	52	72
LAF,5%	102	43	58	54	50	68
LAF,50%	93	39	48	42	42	53
LAF,60dB	96 %	0 %	3 %	1 %	0 %	21 %
LAF,65dB	90 %	0 %	0 %	1 %	0 %	9 %
LAF,70dB	85 %	0 %	0 %	0 %	0 %	2 %
LAeq	84	39	51	43	44	60

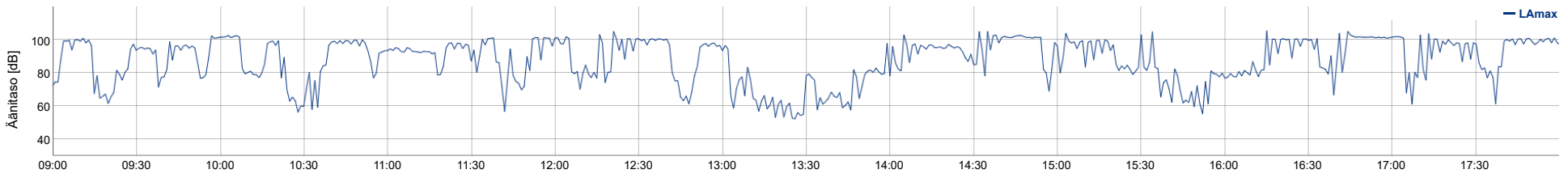
Pysyvyystasot



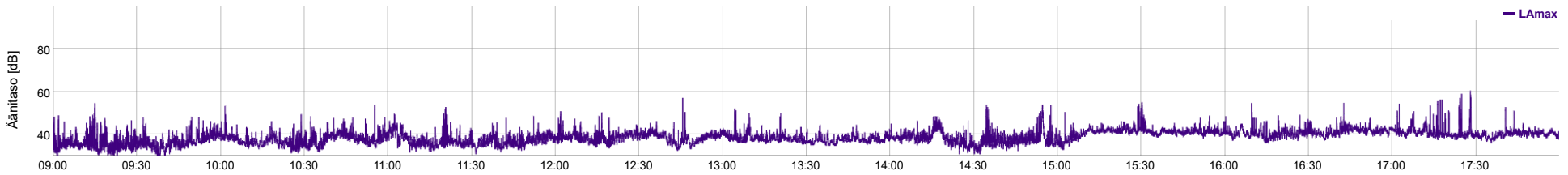
Spektrit



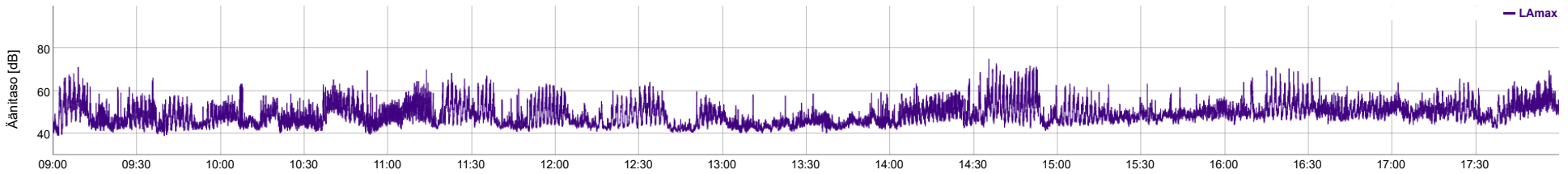
PS



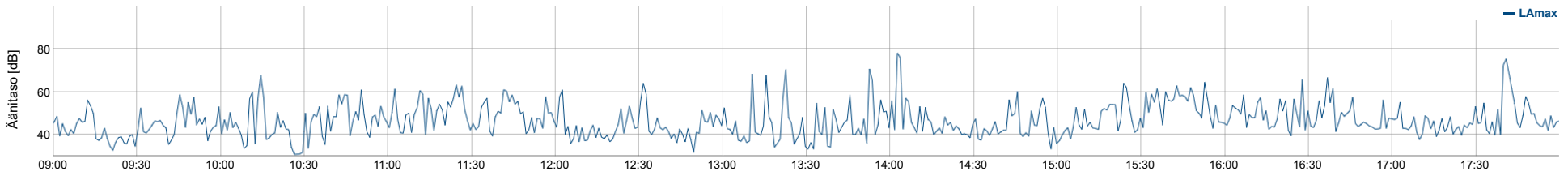
MP1



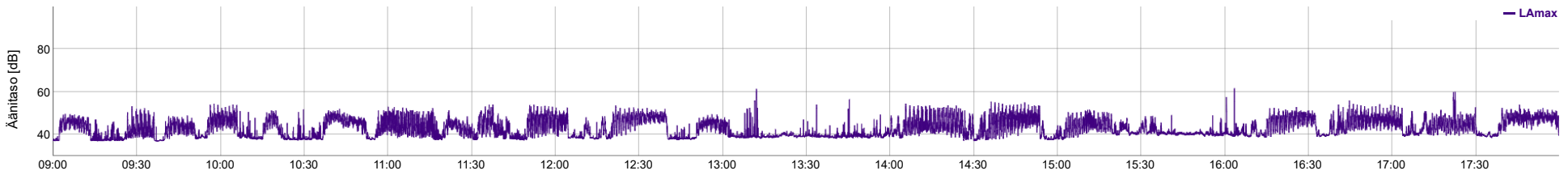
MP2



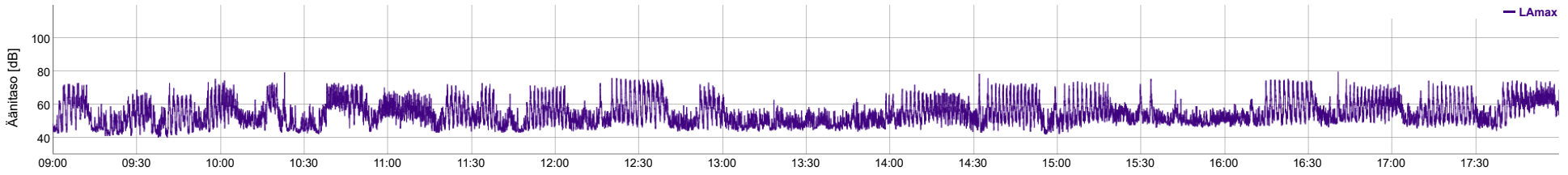
MP3



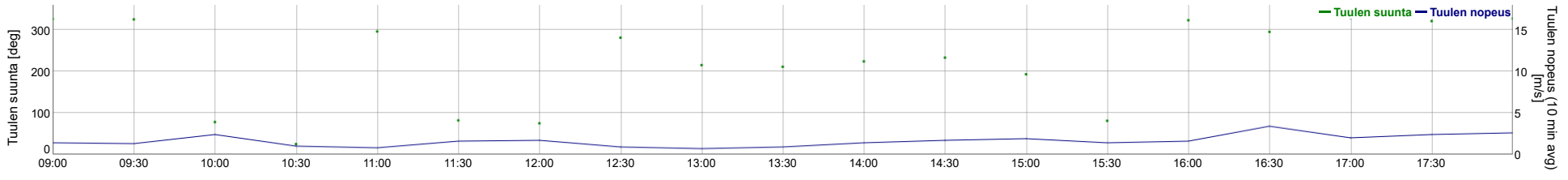
MP4



MP5



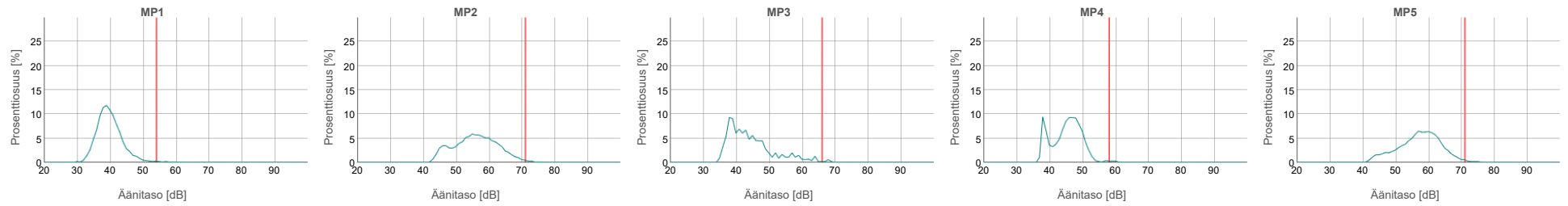
Säähavainnot



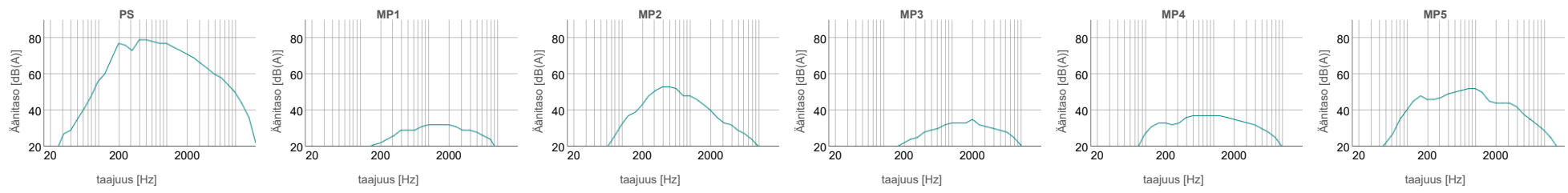
18.09.

0918	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	103	54	71	66	58	71
LAF,5%	102	47	67	59	52	67
LAF,50%	99	40	56	43	46	58
LAF,60dB	98 %	0 %	28 %	4 %	0 %	35 %
LAF,65dB	95 %	0 %	8 %	1 %	0 %	9 %
LAF,70dB	92 %	0 %	1 %	0 %	0 %	1 %
LAeq	87	42	59	44	47	60

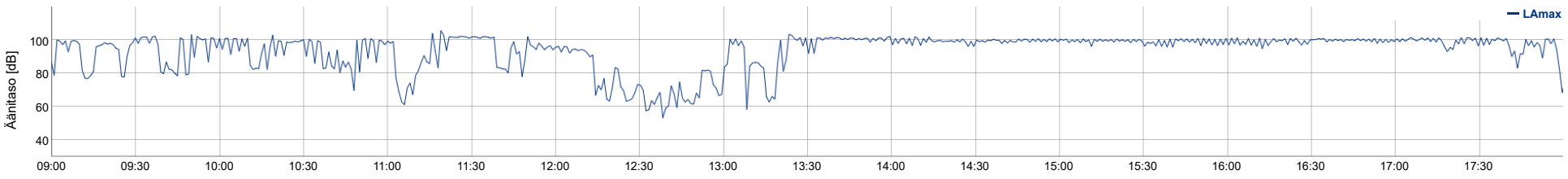
Pysyvyystasot



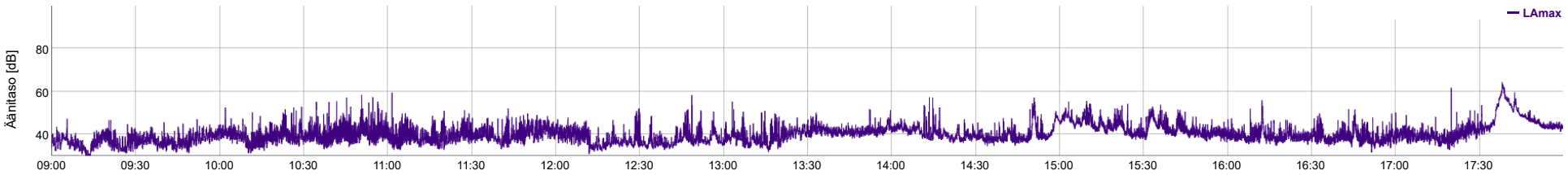
Spektrit



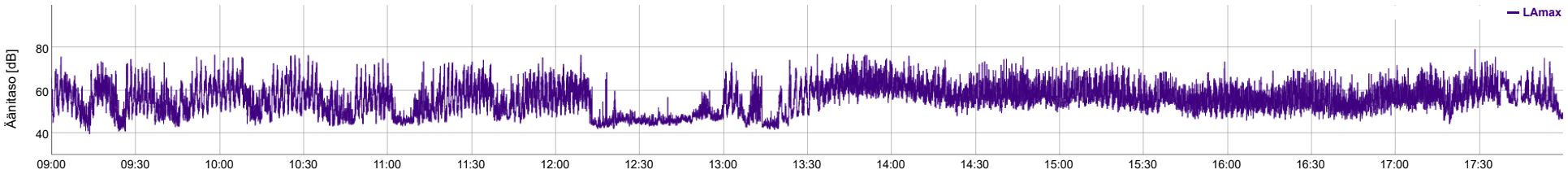
PS



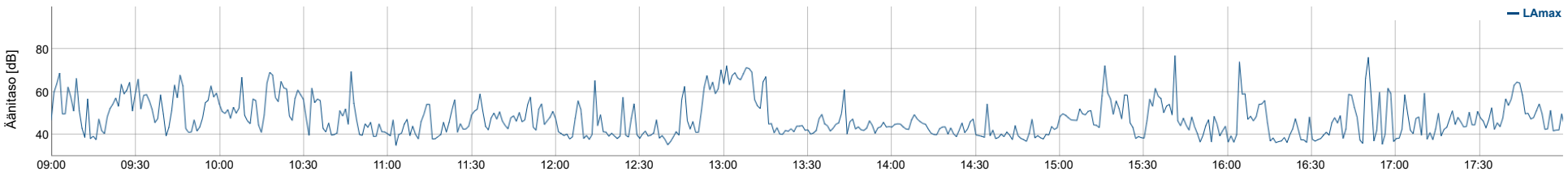
MP1



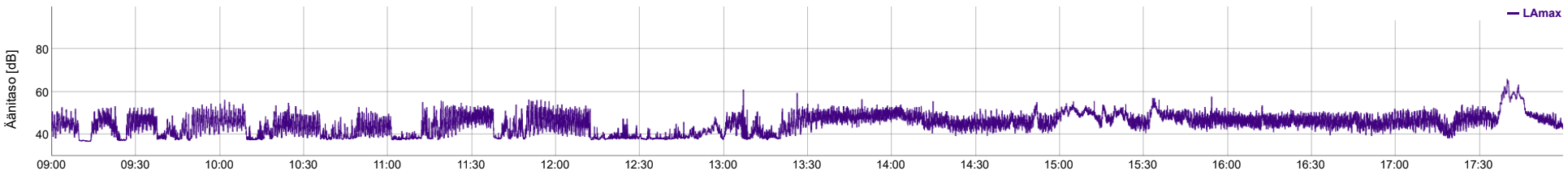
MP2



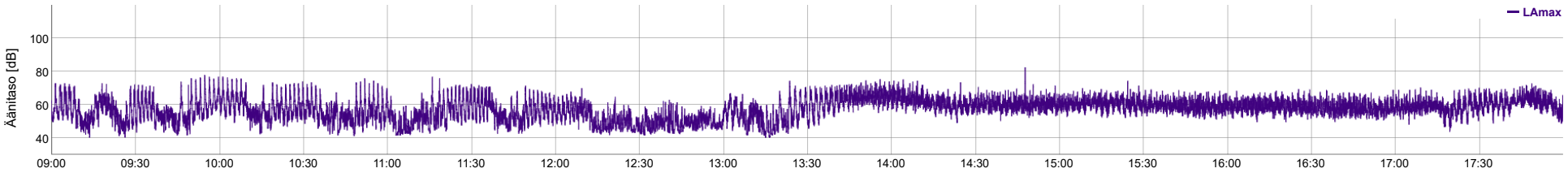
MP3



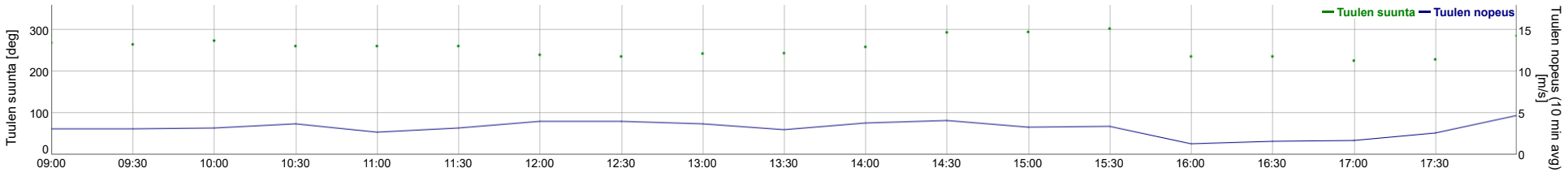
MP4



MP5



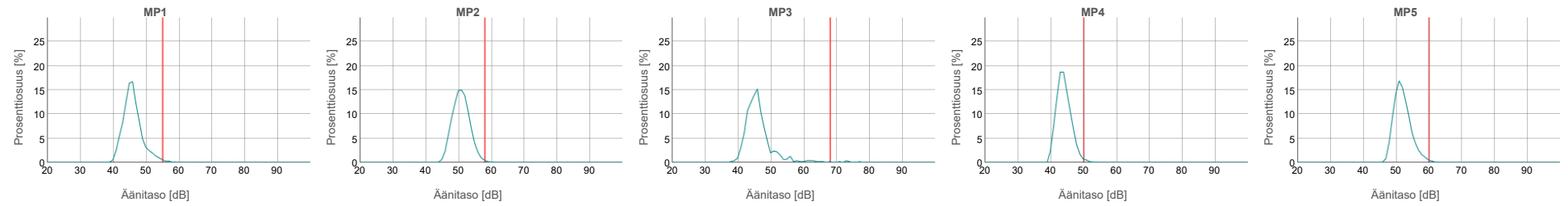
Säähavainnot



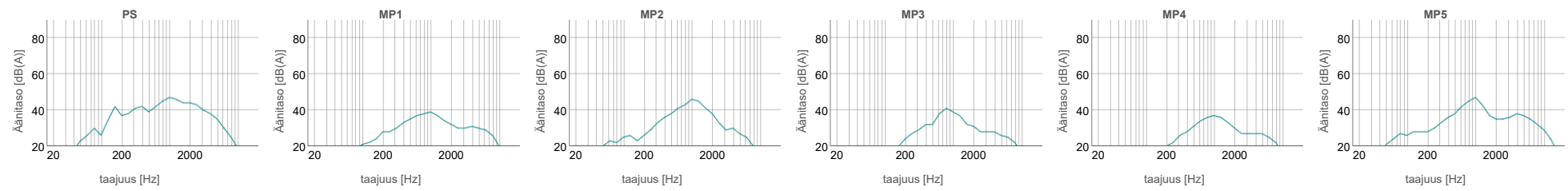
19.09.

0919	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	82	55	58	68	50	60
LAF,5%	79	52	55	55	48	57
LAF,50%	54	46	51	46	44	52
LAF,60dB	11 %	0 %	0 %	2 %	0 %	0 %
LAF,65dB	8 %	0 %	0 %	1 %	0 %	0 %
LAF,70dB	8 %	0 %	0 %	0 %	0 %	0 %
LAeq	56	46	51	46	44	52

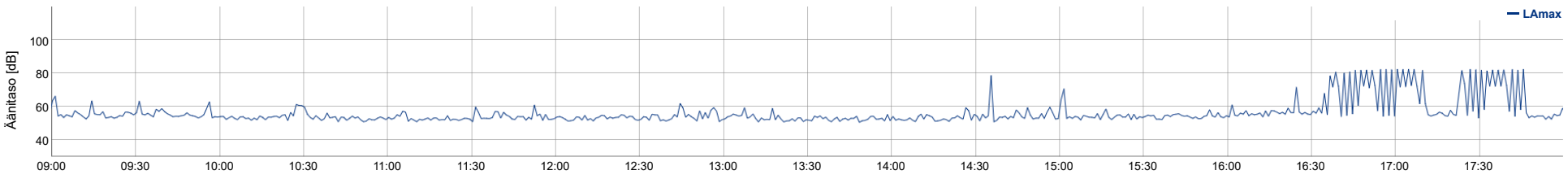
Pysyvyystasot



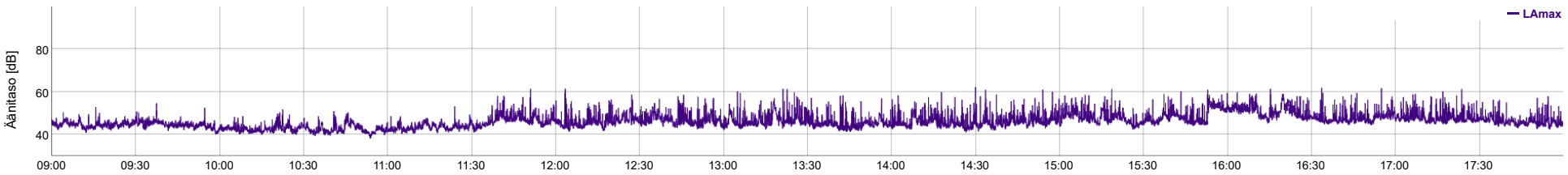
Spektrit



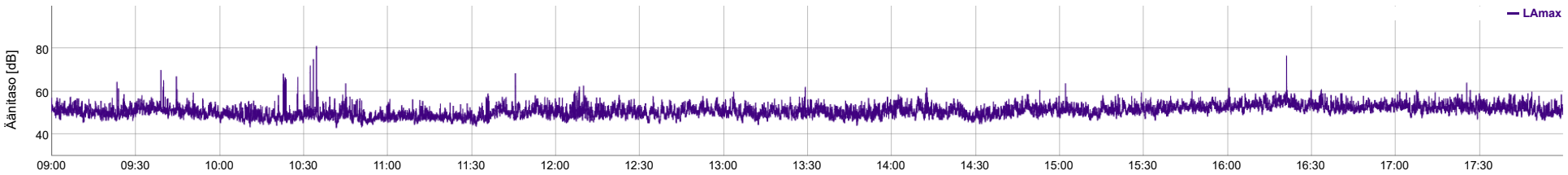
PS



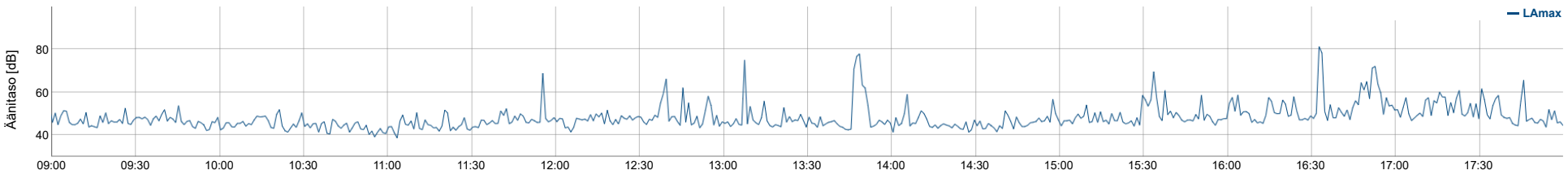
MP1



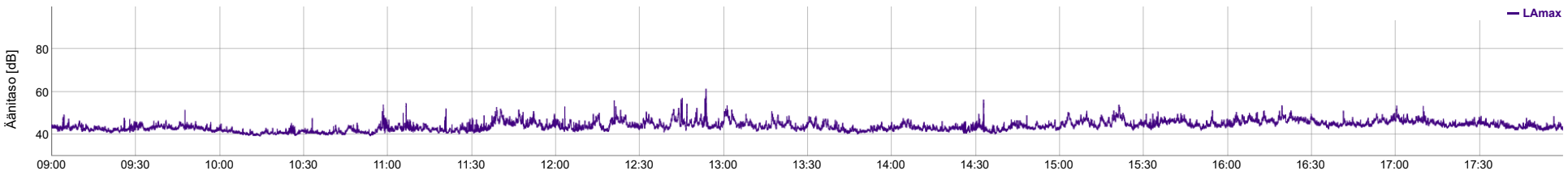
MP2



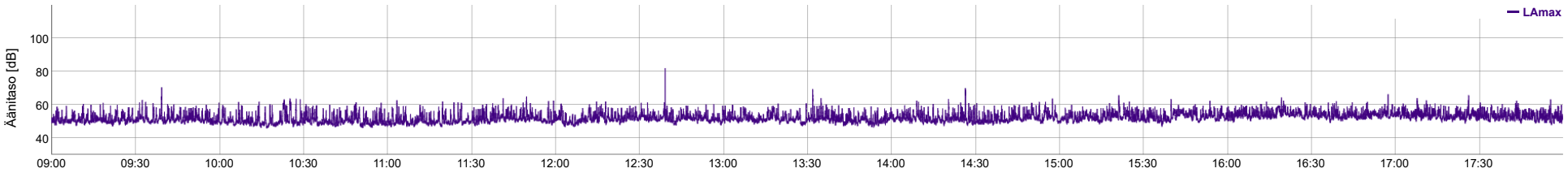
MP3



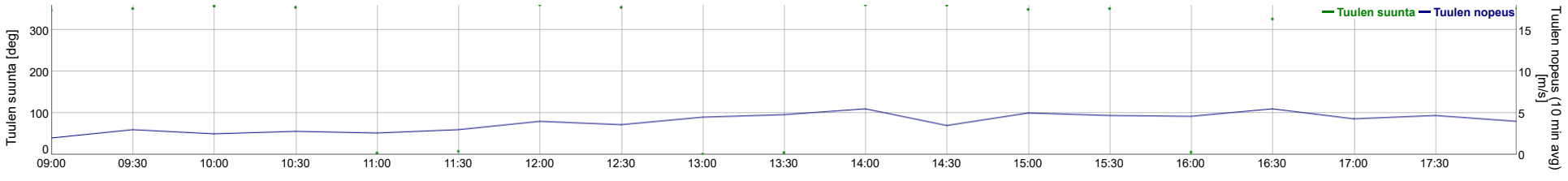
MP4



MP5



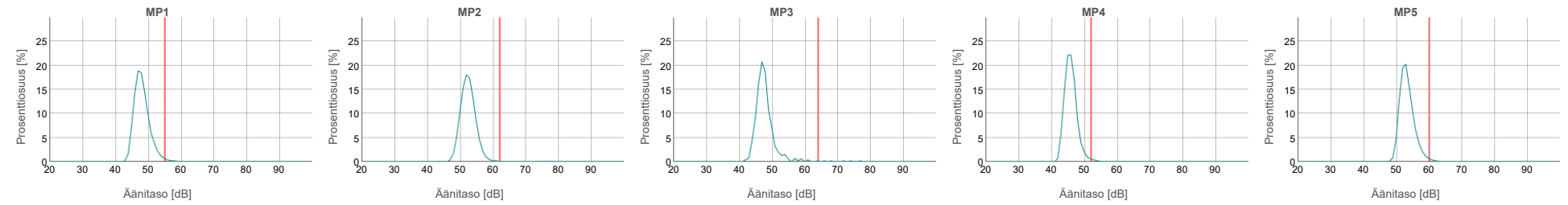
Säähavainnot



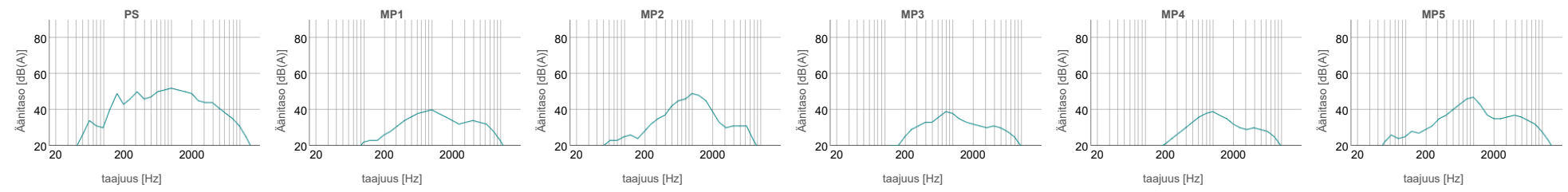
20.09.

0920	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	83	55	62	64	52	60
LAF,5%	72	52	57	53	49	57
LAF,50%	56	48	52	47	46	53
LAF,60dB	26 %	0 %	1 %	1 %	0 %	0 %
LAF,65dB	12 %	0 %	0 %	0 %	0 %	0 %
LAF,70dB	6 %	0 %	0 %	0 %	0 %	0 %
LAeq	59	48	54	47	46	53

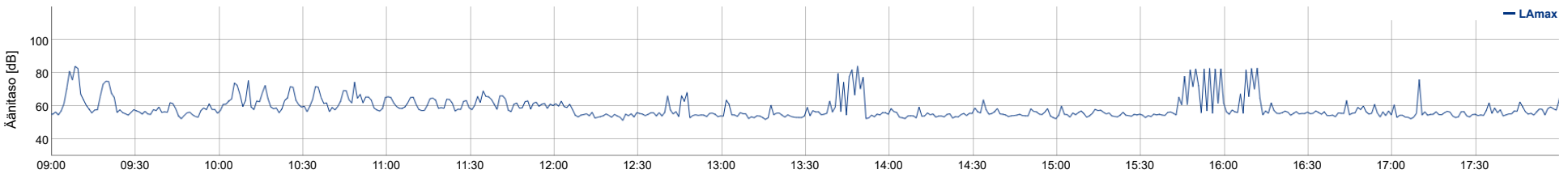
Pysyvyystasot



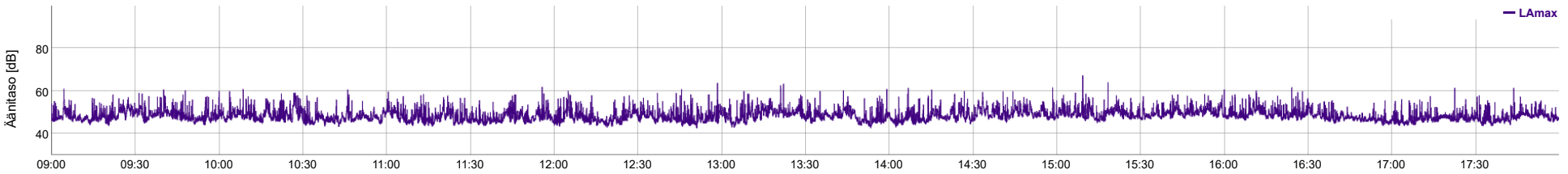
Spektrit



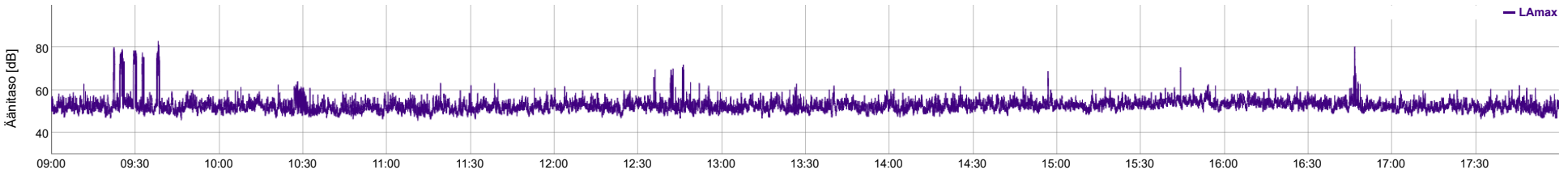
PS



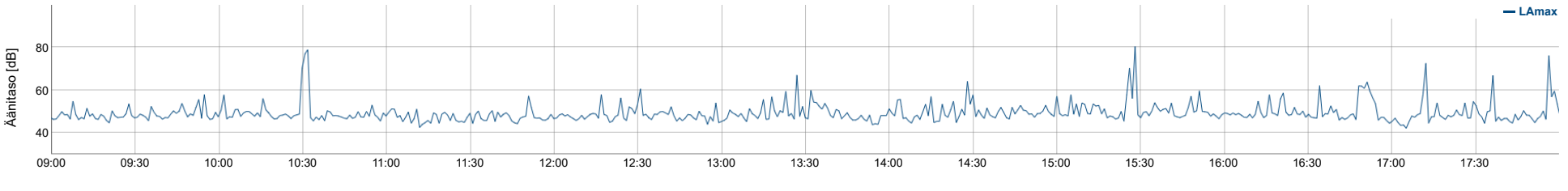
MP1



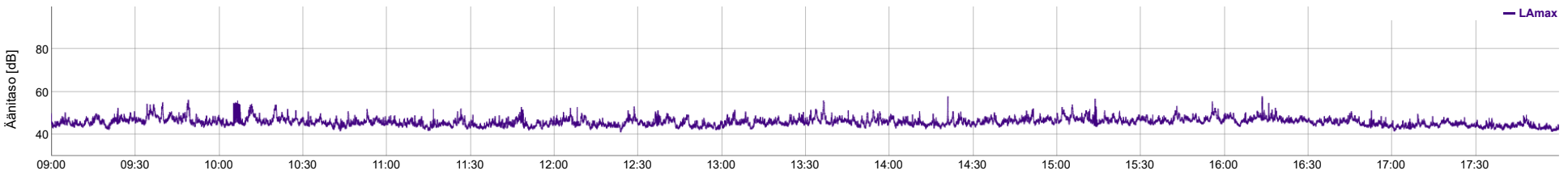
MP2



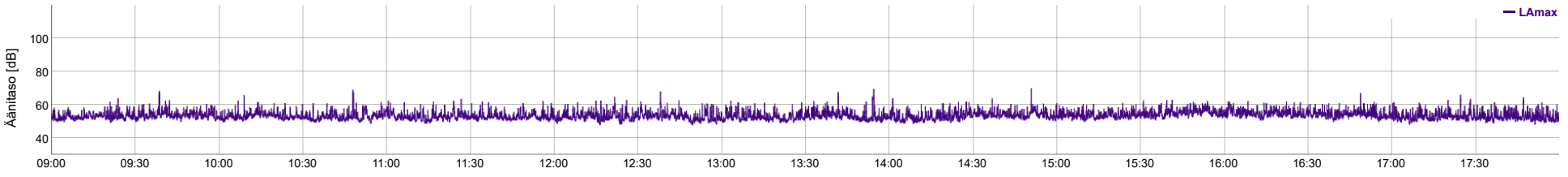
MP3



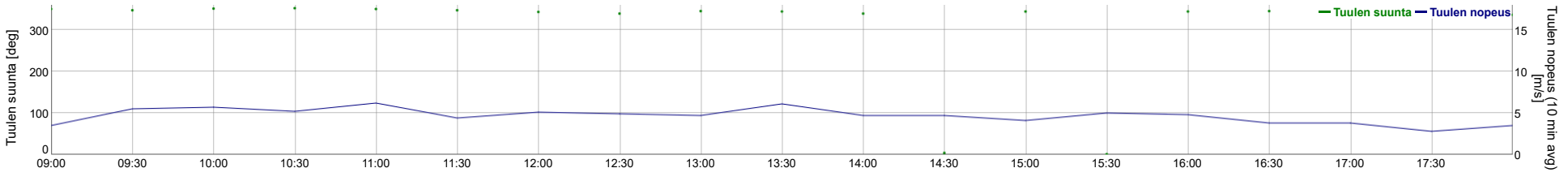
MP4



MP5



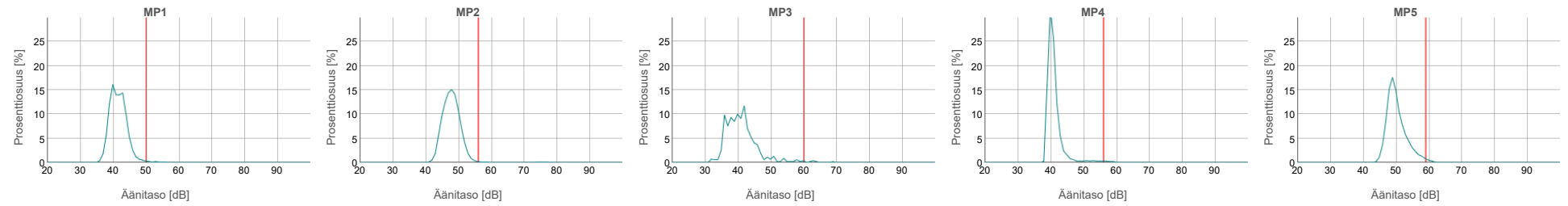
Säähavainnot



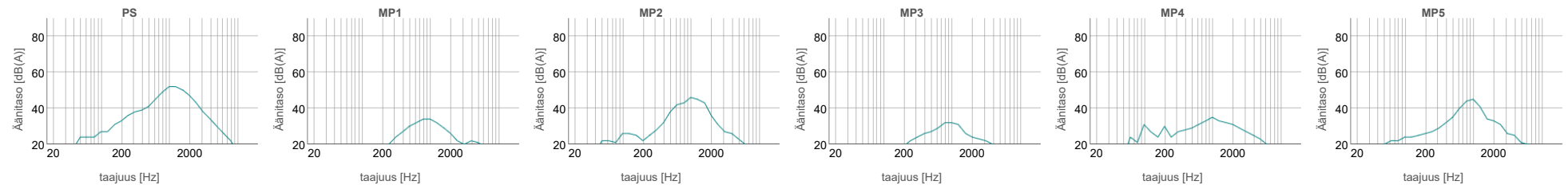
21.09.

0921	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	86	50	56	60	56	59
LAF,5%	85	46	52	51	46	56
LAF,50%	53	41	48	41	41	50
LAF,60dB	28 %	0 %	0 %	0 %	0 %	0 %
LAF,65dB	21 %	0 %	0 %	0 %	0 %	0 %
LAF,70dB	19 %	0 %	0 %	0 %	0 %	0 %
LAeq	59	41	51	40	43	50

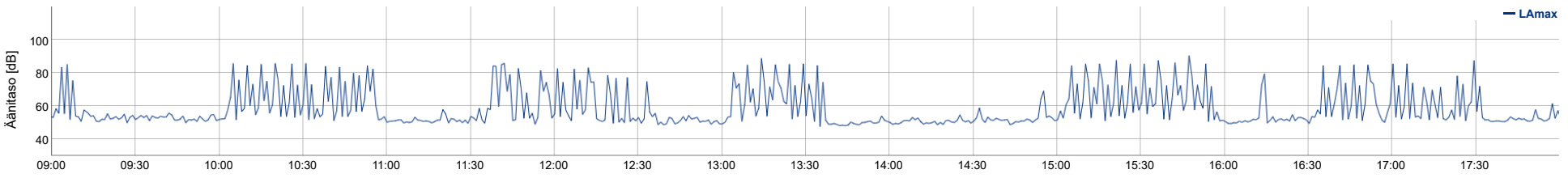
Pysyvyystasot



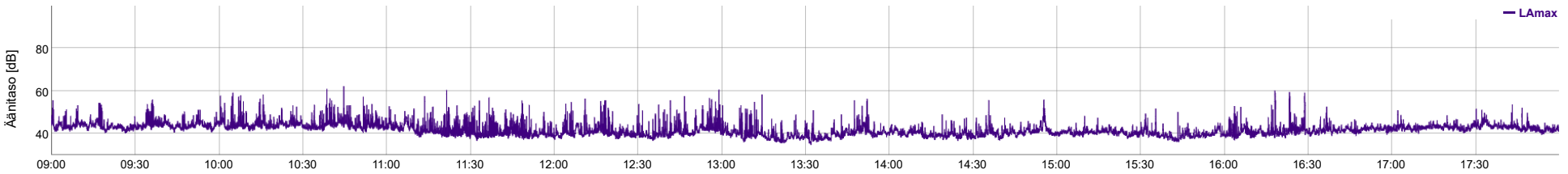
Spektrit



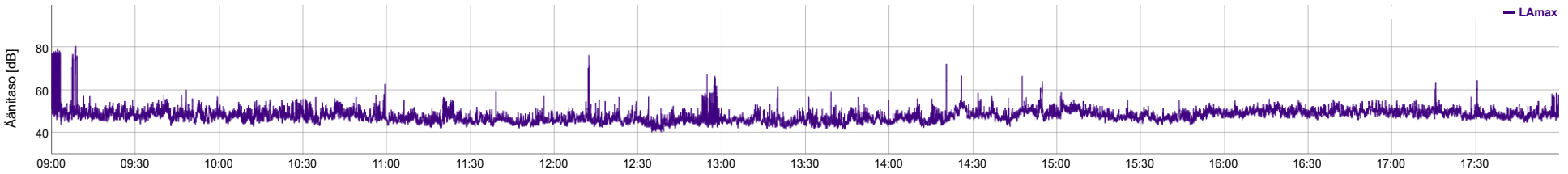
PS



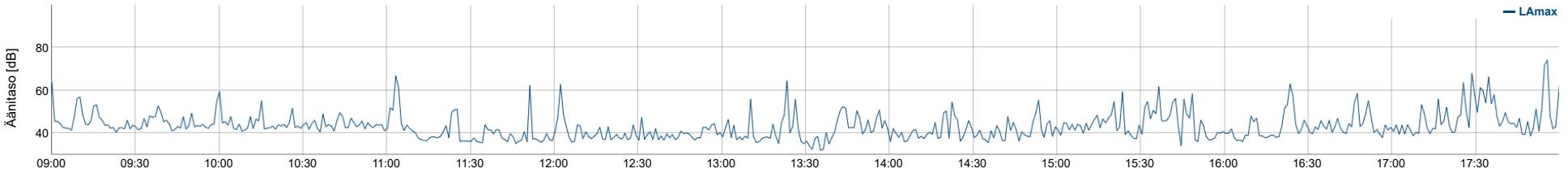
MP1



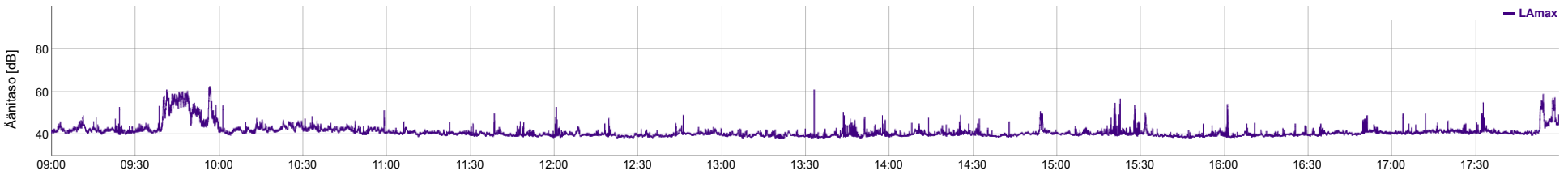
MP2



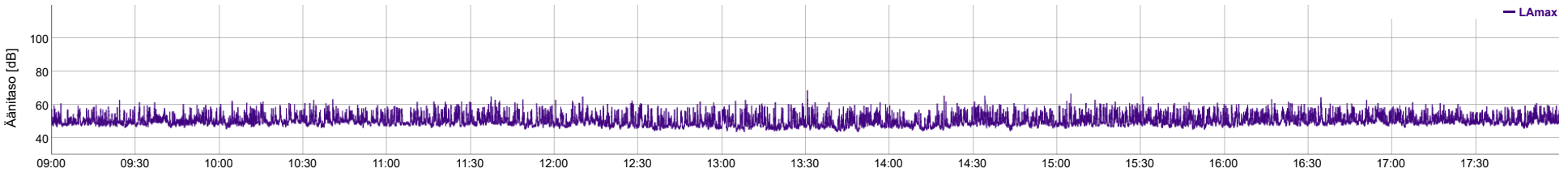
MP3



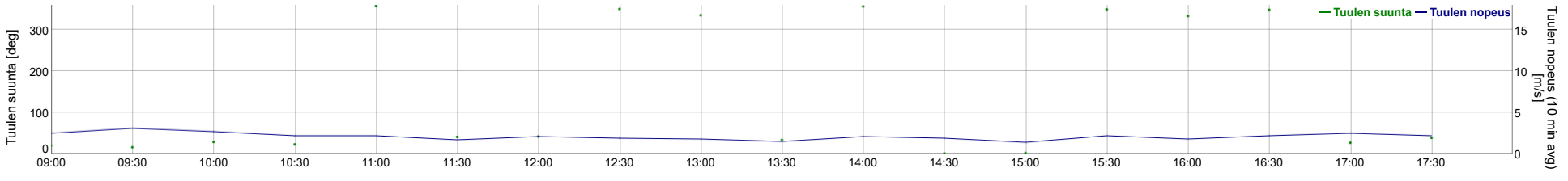
MP4



MP5



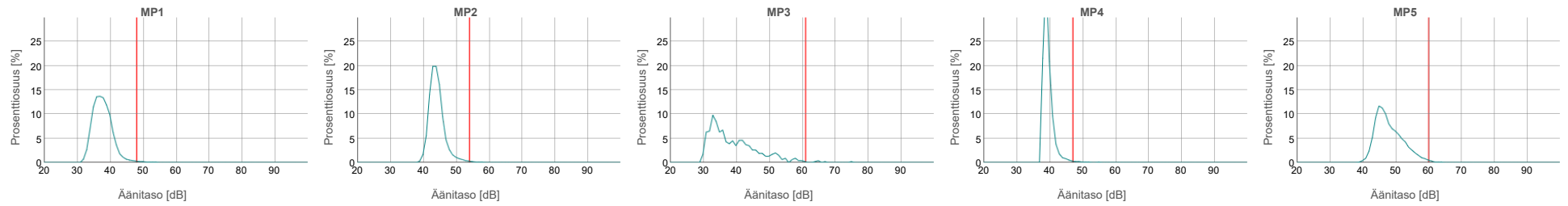
Säähavainnot



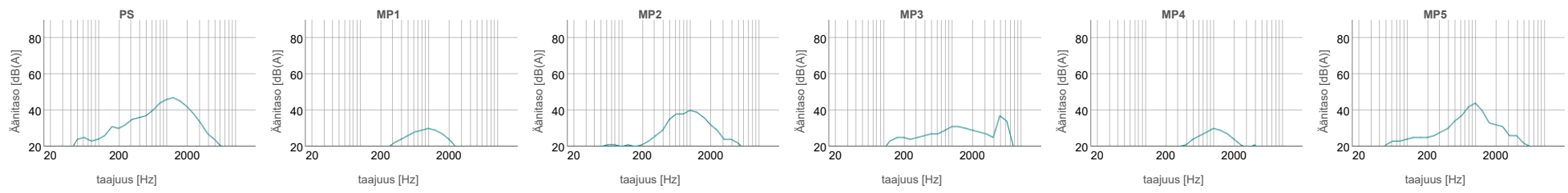
22.09.

0922	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	87	48	54	61	47	60
LAF,5%	82	43	49	53	43	56
LAF,50%	50	38	44	37	39	47
LAF,60dB	18 %	0 %	0 %	1 %	0 %	0 %
LAF,65dB	13 %	0 %	0 %	0 %	0 %	0 %
LAF,70dB	11 %	0 %	0 %	0 %	0 %	0 %
LAeq	58	38	46	40	40	49

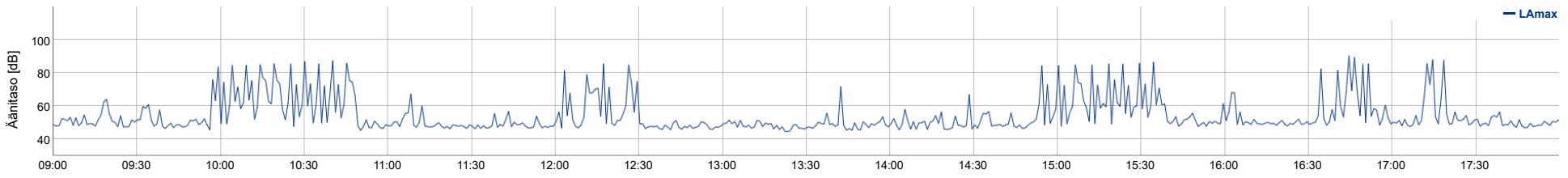
Pysyvyystasot



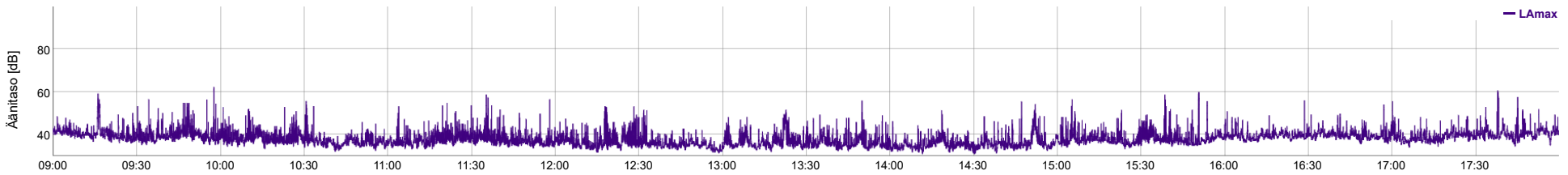
Spektrit



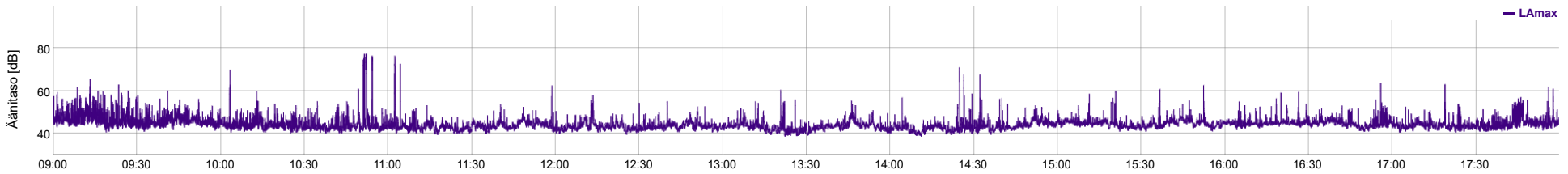
PS



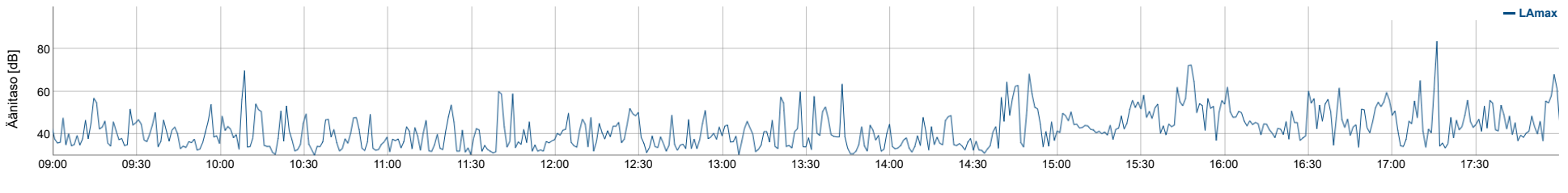
MP1



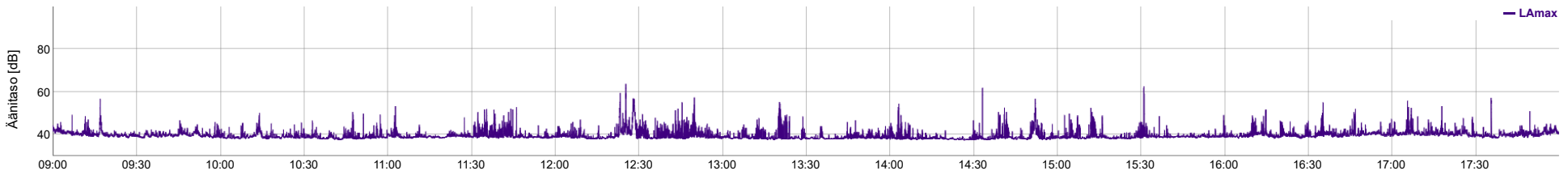
MP2



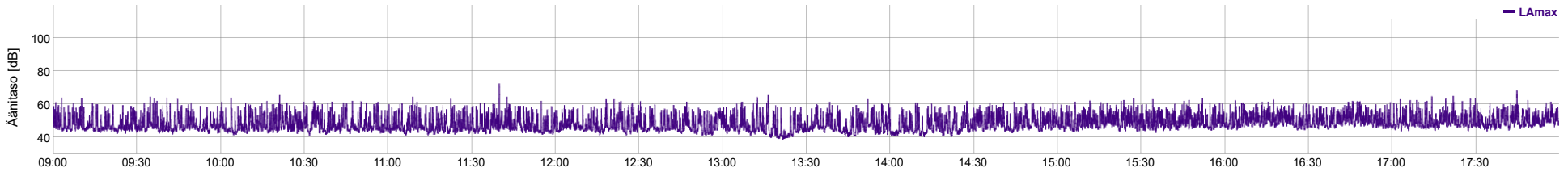
MP3



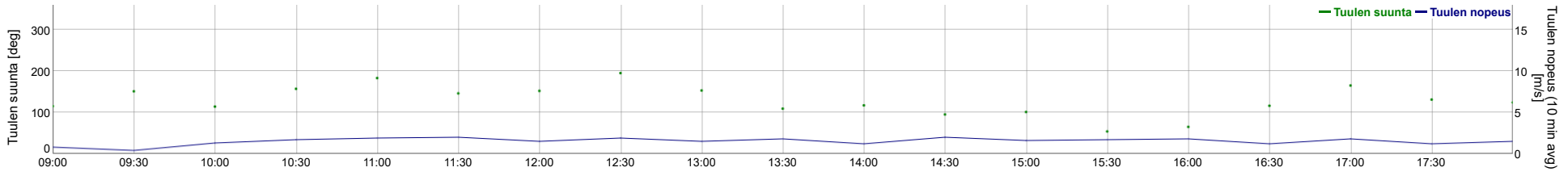
MP4



MP5



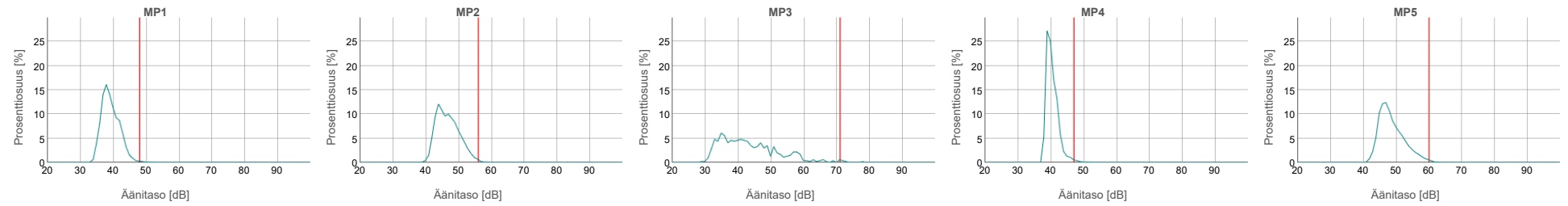
Säähavainnot



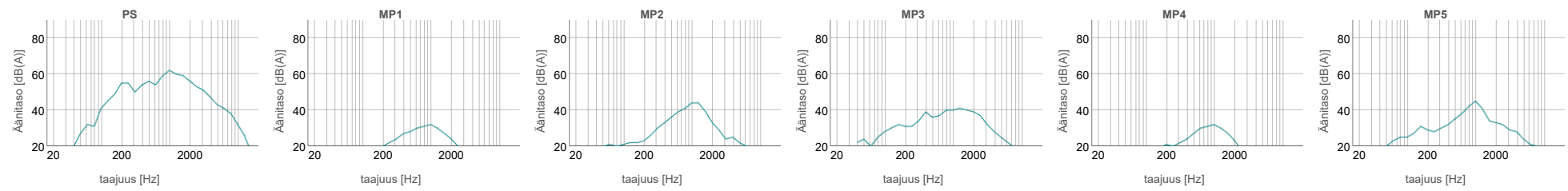
23.09.

0923	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	99	48	56	71	47	60
LAF,5%	92	44	53	59	44	57
LAF,50%	58	39	47	42	40	48
LAF,60dB	47 %	0 %	0 %	4 %	0 %	0 %
LAF,65dB	43 %	0 %	0 %	2 %	0 %	0 %
LAF,70dB	39 %	0 %	0 %	1 %	0 %	0 %
LAeq	69	39	49	50	40	50

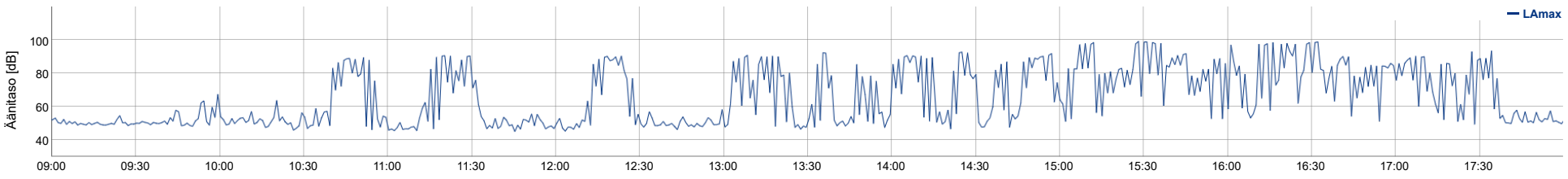
Pysyvyystasot



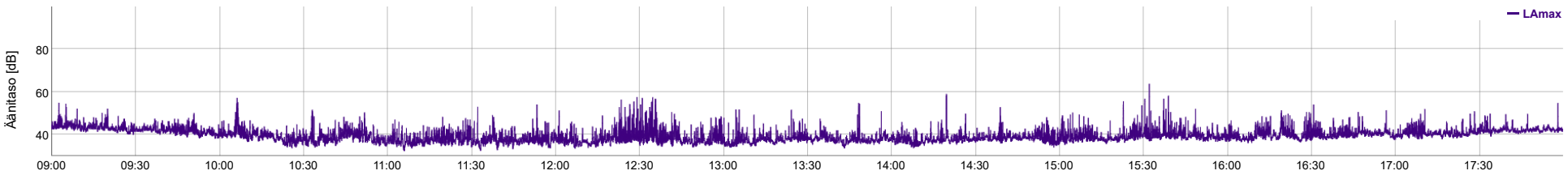
Spektrit



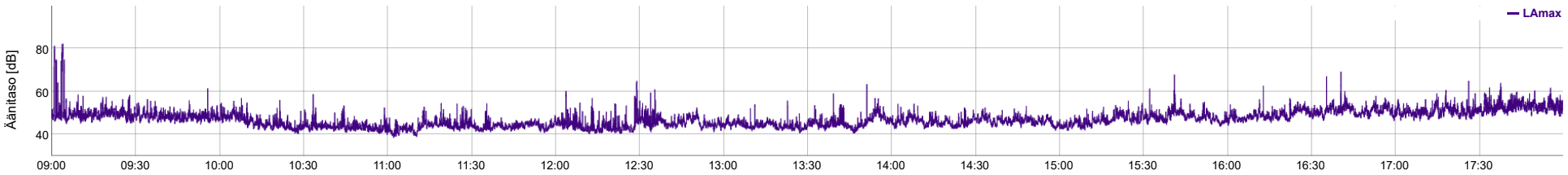
PS



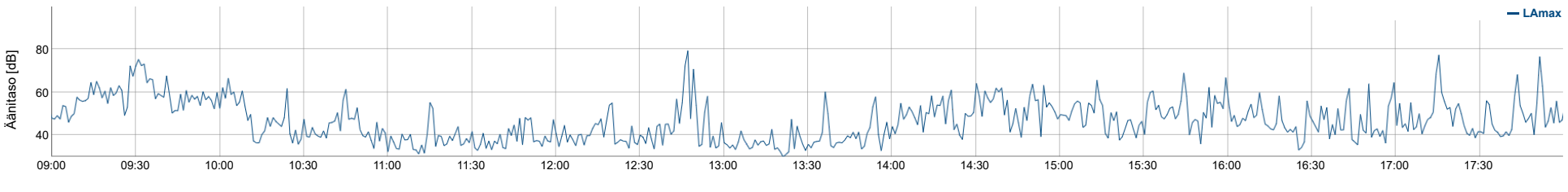
MP1



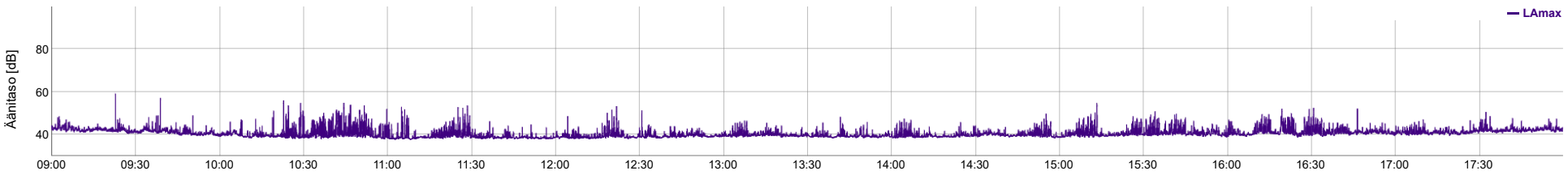
MP2



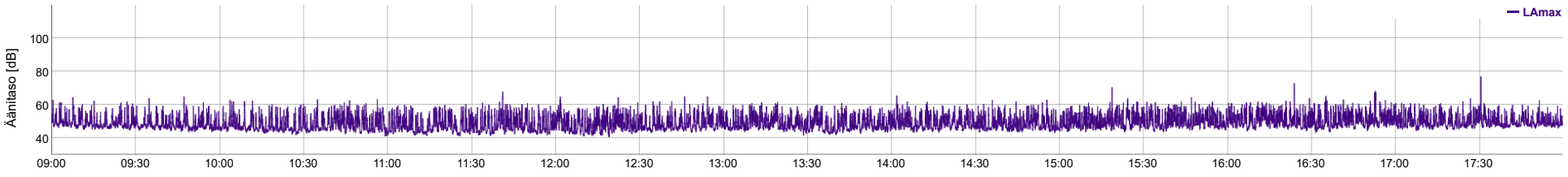
MP3



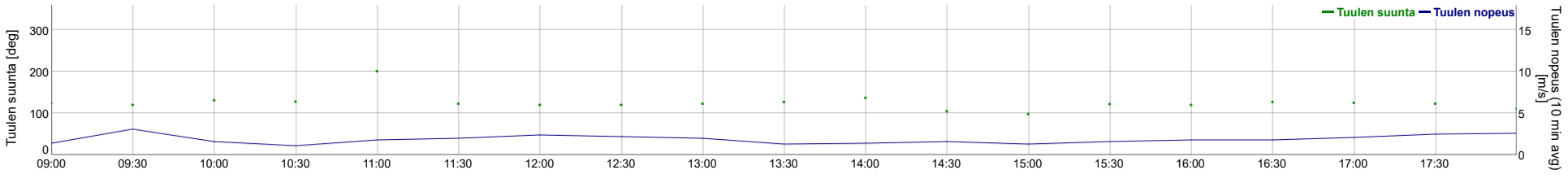
MP4



MP5



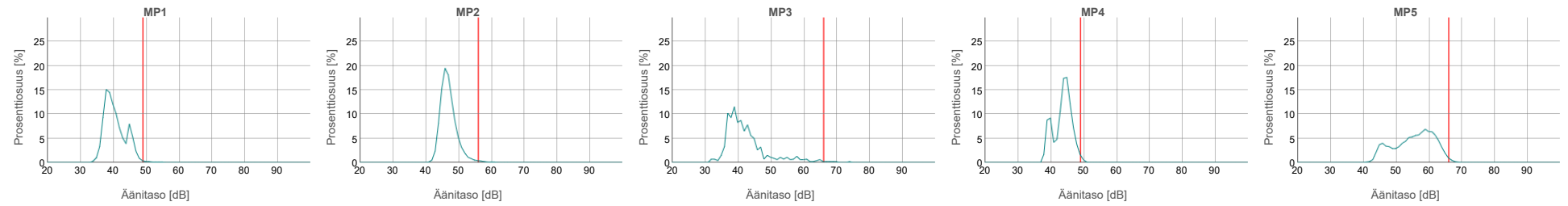
Säähavainnot



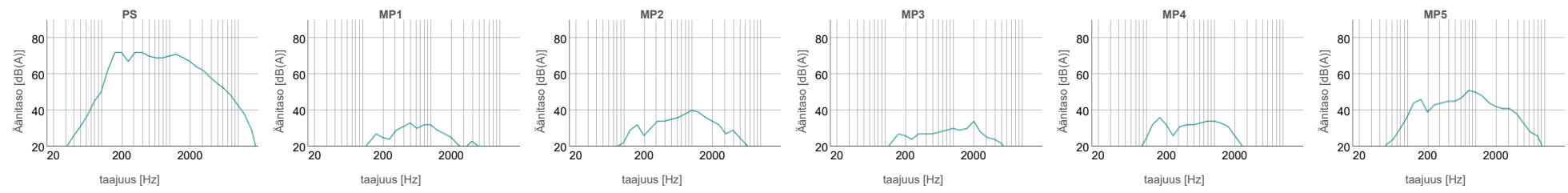
24.09.

0924	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	94	49	56	66	49	66
LAF,5%	93	46	52	58	48	64
LAF,50%	91	40	47	41	44	56
LAF,60dB	85 %	0 %	0 %	3 %	0 %	26 %
LAF,65dB	81 %	0 %	0 %	1 %	0 %	2 %
LAF,70dB	78 %	0 %	0 %	0 %	0 %	0 %
LAeq	81	41	47	41	44	58

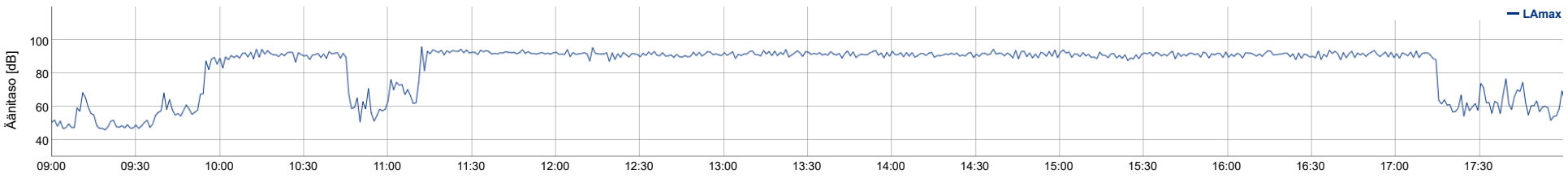
Pysyvyystasot



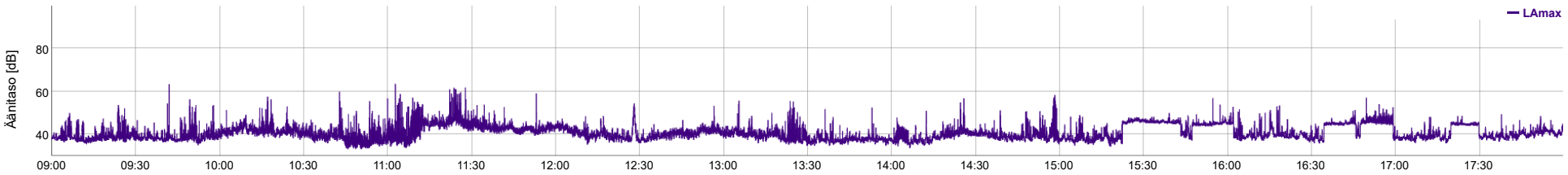
Spektrit



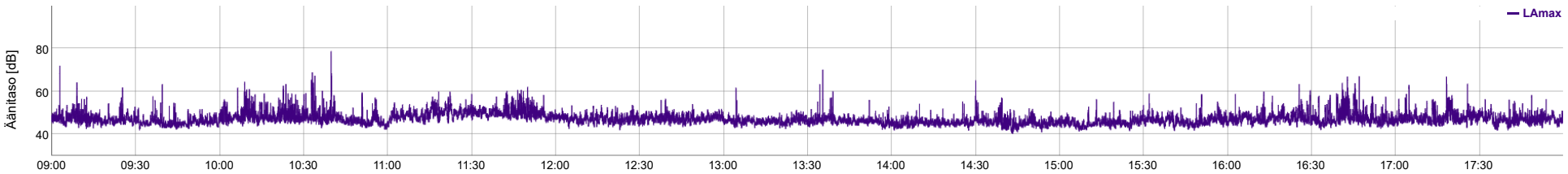
PS



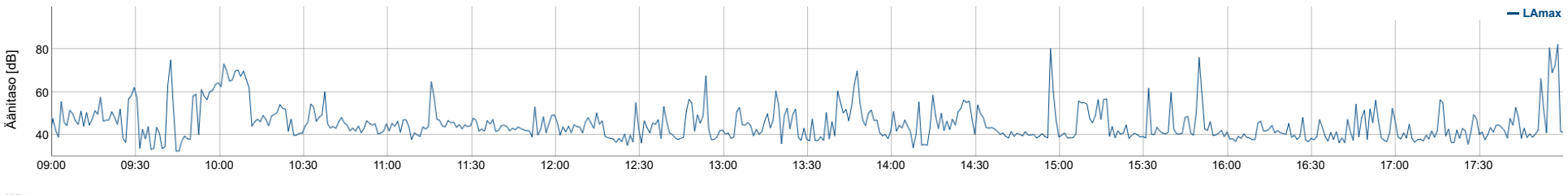
MP1



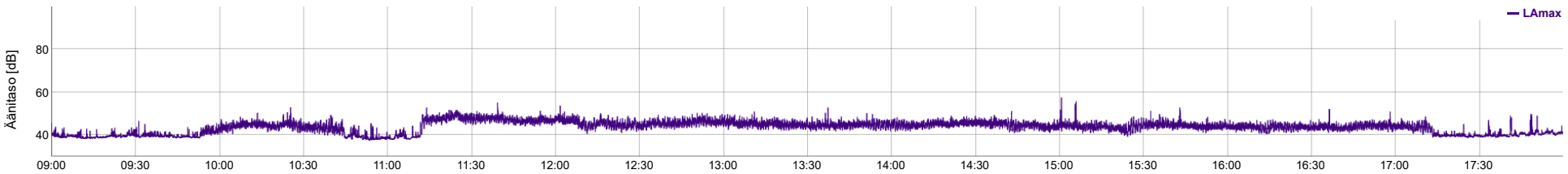
MP2



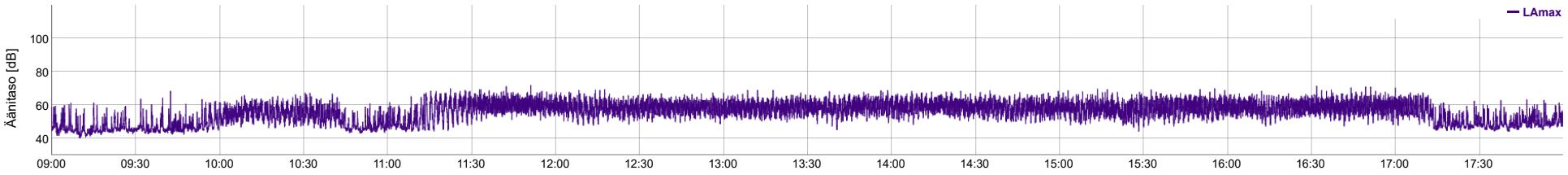
MP3



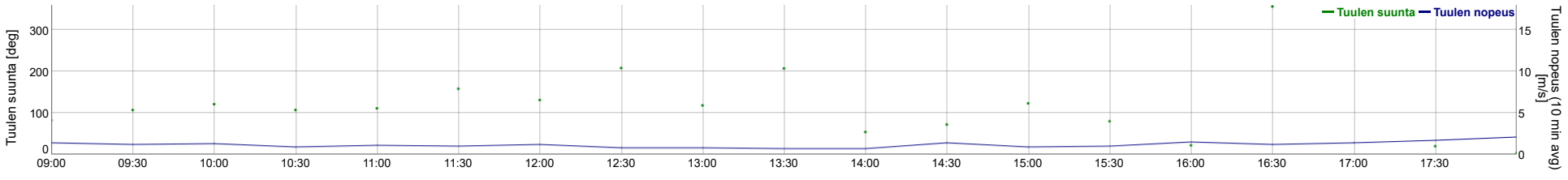
MP4



MP5



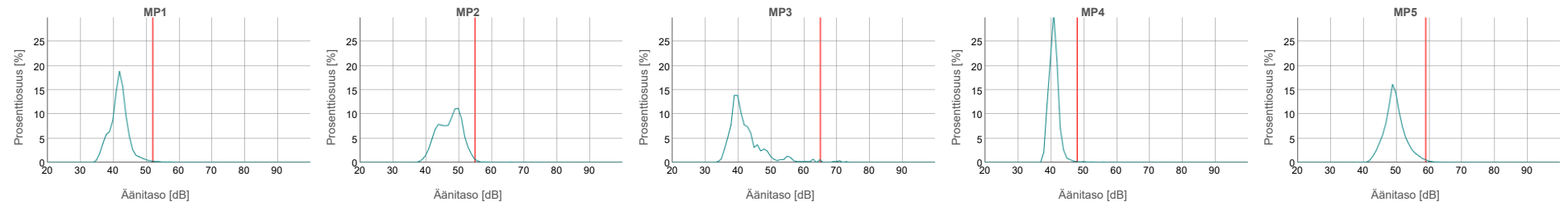
Säähavainnot



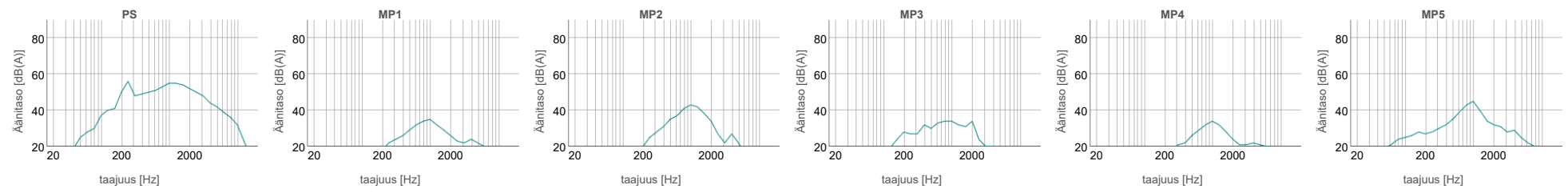
25.09.

0925	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	91	52	55	65	48	59
LAF,5%	89	47	53	55	44	56
LAF,50%	61	42	48	41	41	49
LAF,60dB	51 %	0 %	0 %	2 %	0 %	0 %
LAF,65dB	47 %	0 %	0 %	1 %	0 %	0 %
LAF,70dB	42 %	0 %	0 %	0 %	0 %	0 %
LAeq	65	42	48	42	41	50

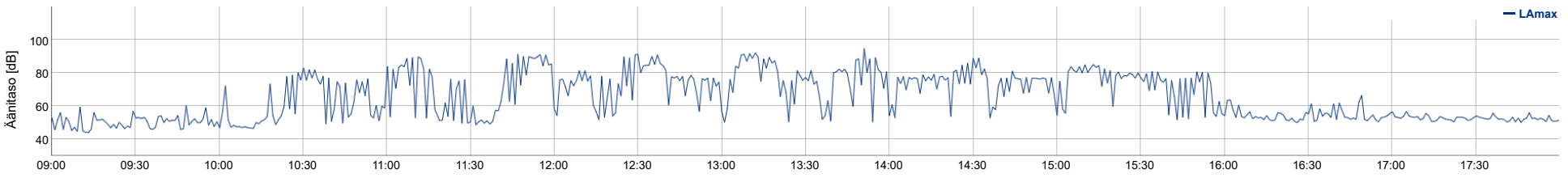
Pysyvyystasot



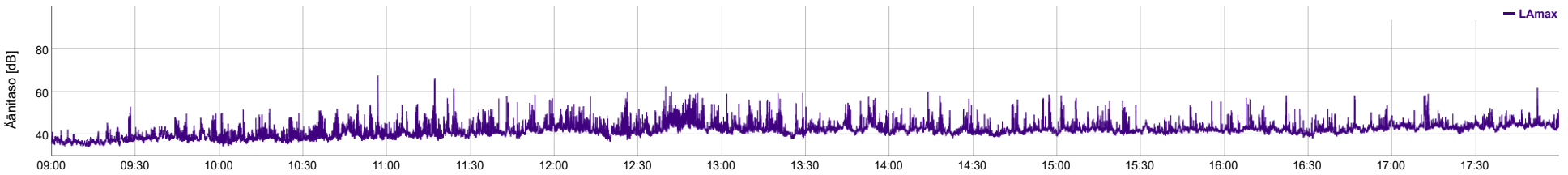
Spektrit



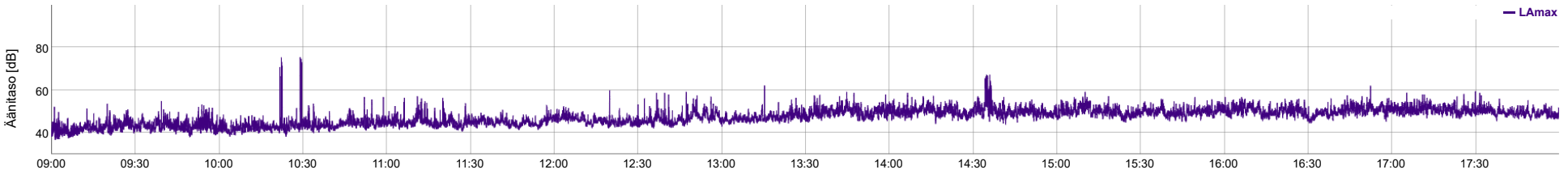
PS



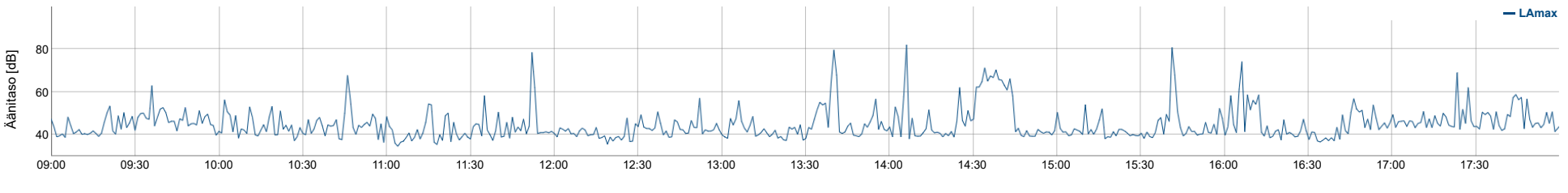
MP1



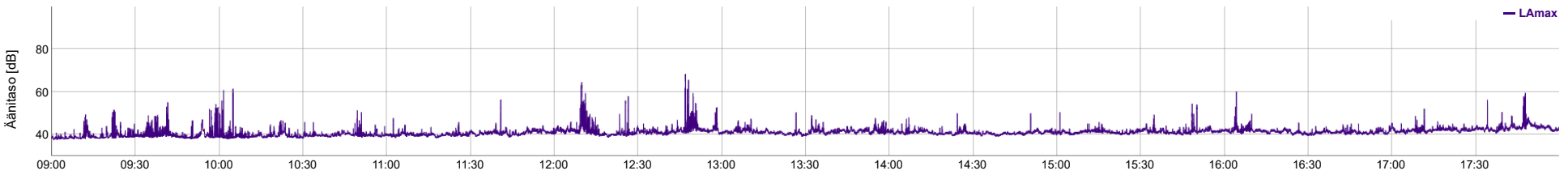
MP2



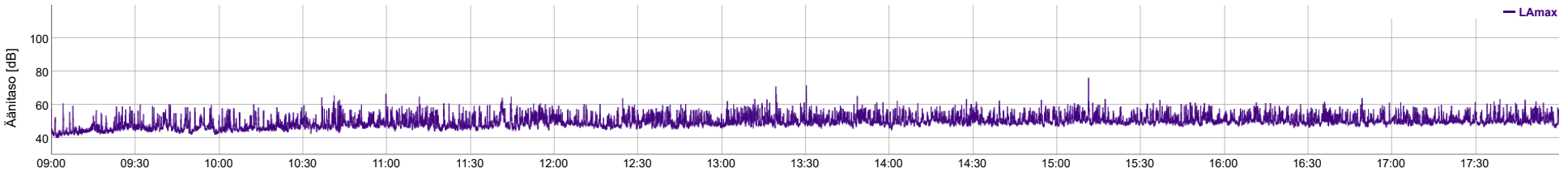
MP3



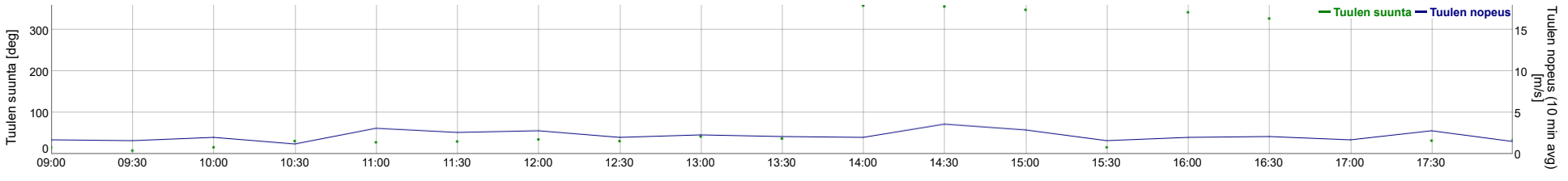
MP4



MP5



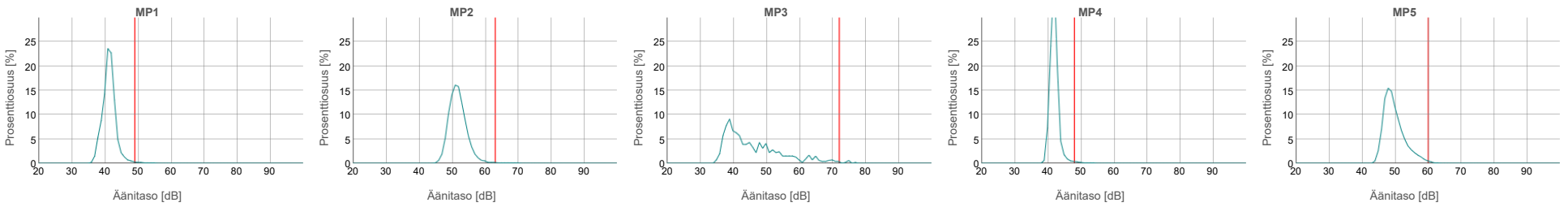
Säähavainnot



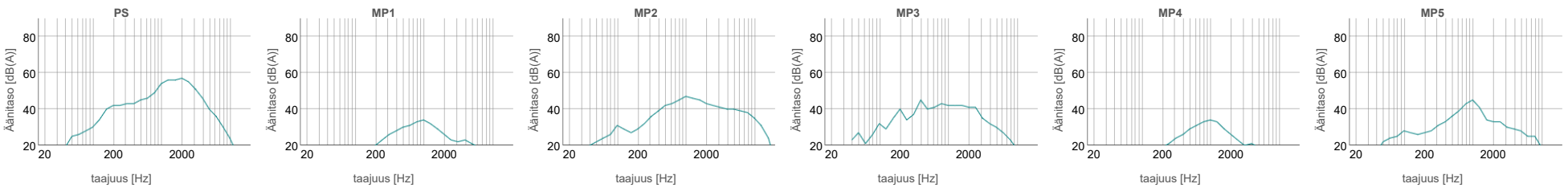
26.09.

0926	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	88	49	63	72	48	60
LAF,5%	84	45	57	65	44	56
LAF,50%	52	41	52	44	42	49
LAF,60dB	21 %	0 %	1 %	9 %	0 %	0 %
LAF,65dB	17 %	0 %	0 %	4 %	0 %	0 %
LAF,70dB	15 %	0 %	0 %	1 %	0 %	0 %
LAeq	59	41	55	53	42	50

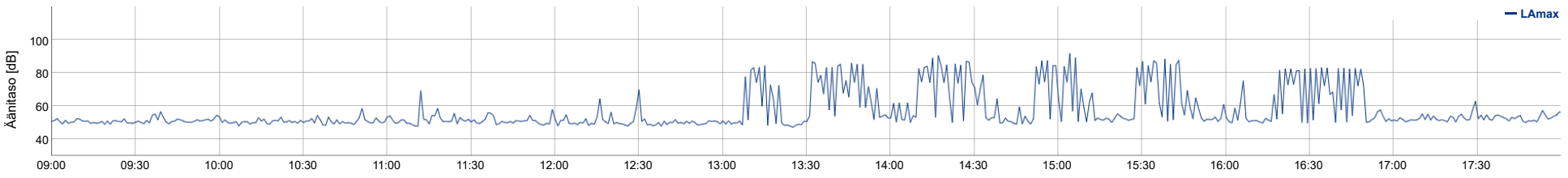
Pysyvyystasot



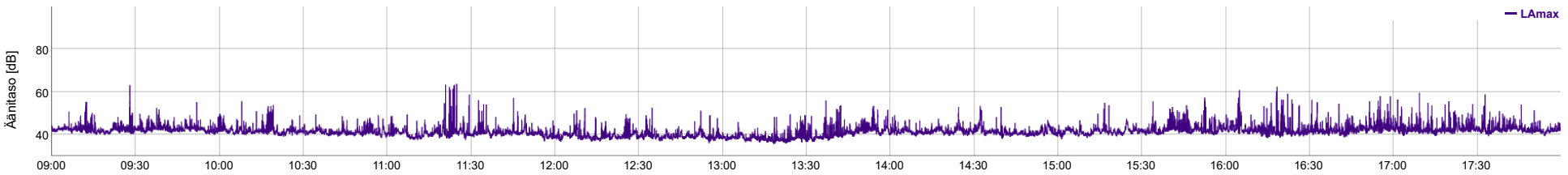
Spektrit



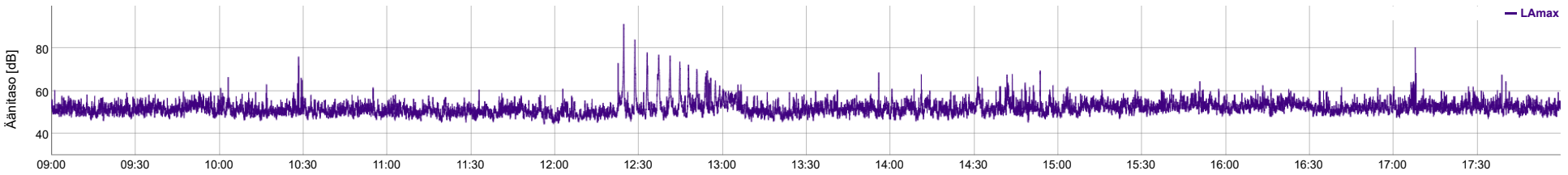
PS



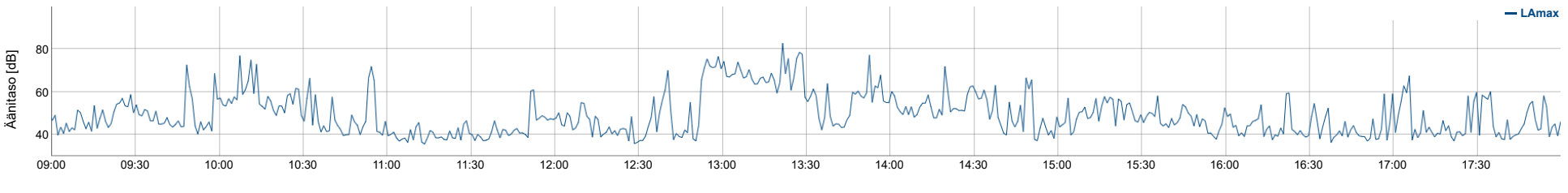
MP1



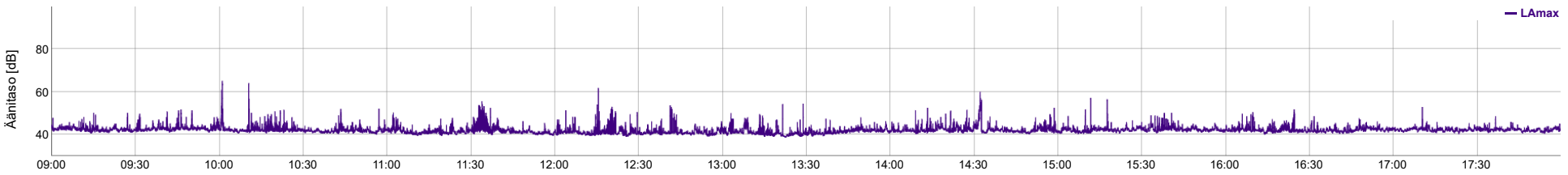
MP2



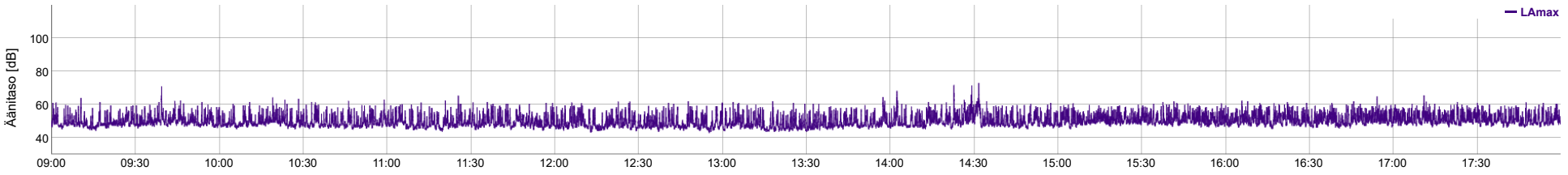
MP3



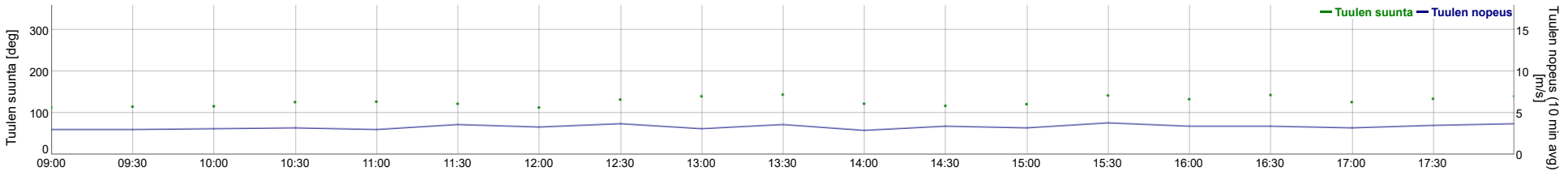
MP4



MP5



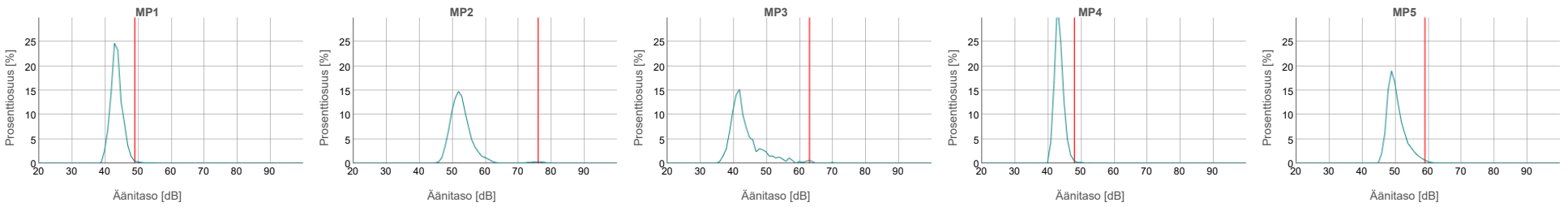
Säähavainnot



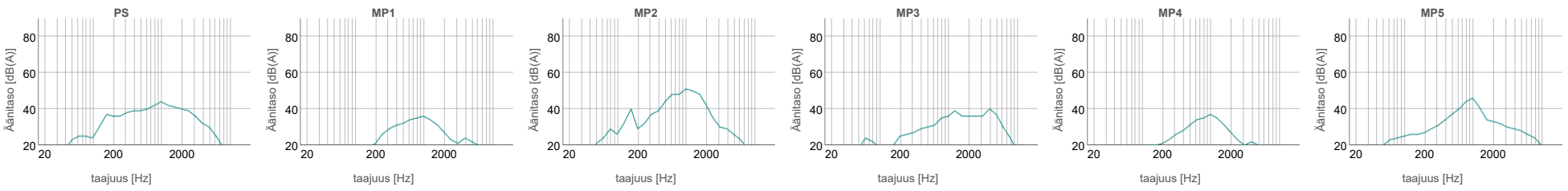
27.09.

0927	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	82	49	76	63	48	59
LAF,5%	60	47	59	54	46	56
LAF,50%	53	44	52	42	43	50
LAF,60dB	4 %	0 %	4 %	1 %	0 %	0 %
LAF,65dB	3 %	0 %	2 %	0 %	0 %	0 %
LAF,70dB	2 %	0 %	1 %	0 %	0 %	0 %
LAeq	53	43	56	41	43	51

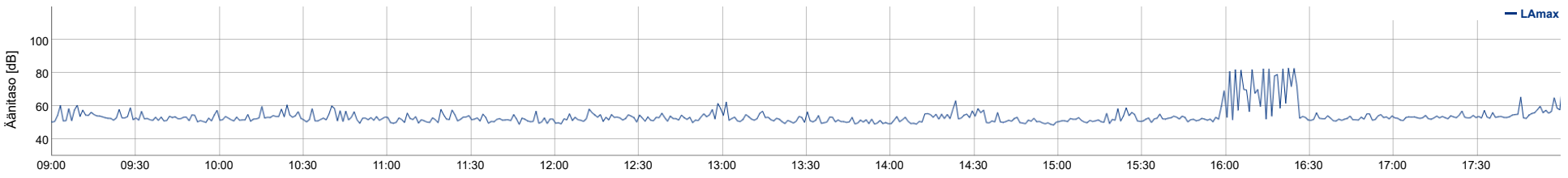
Pysyvyystasot



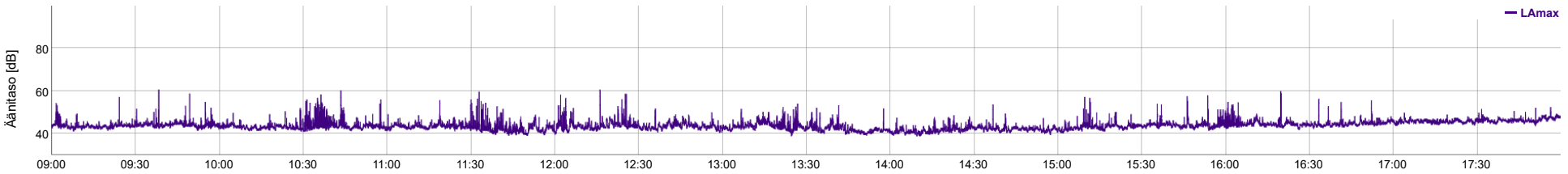
Spektrit



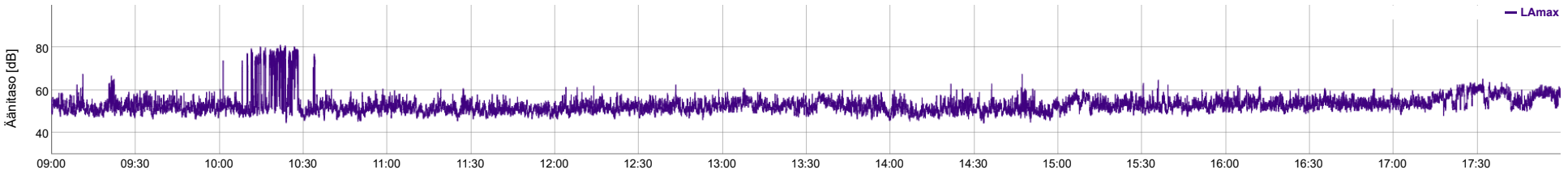
PS



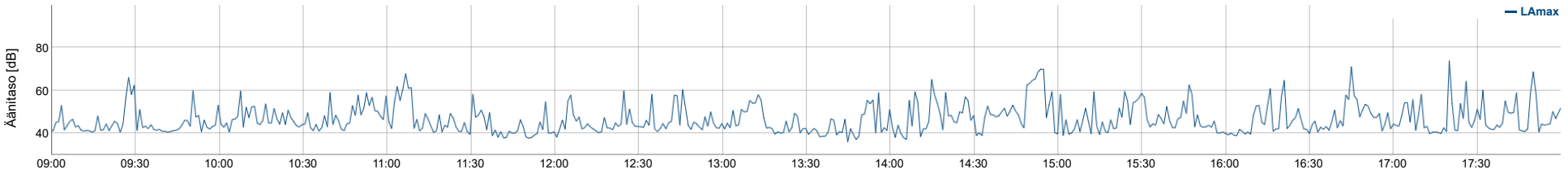
MP1



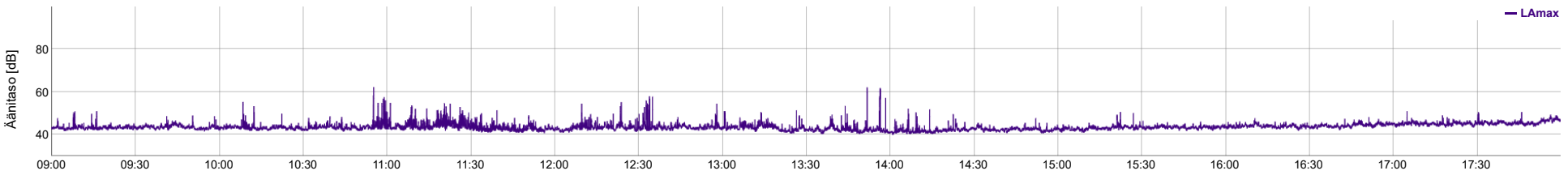
MP2



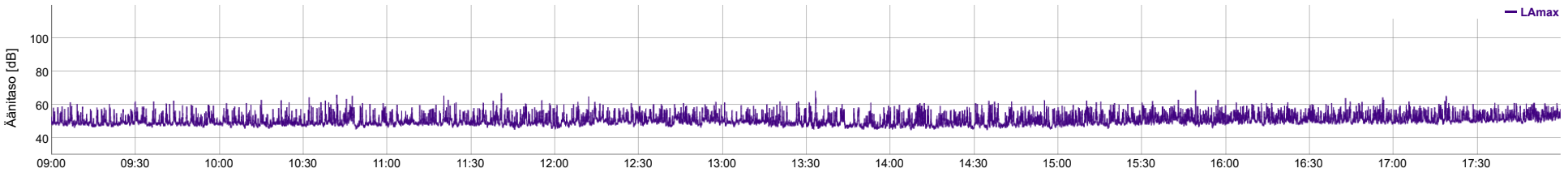
MP3



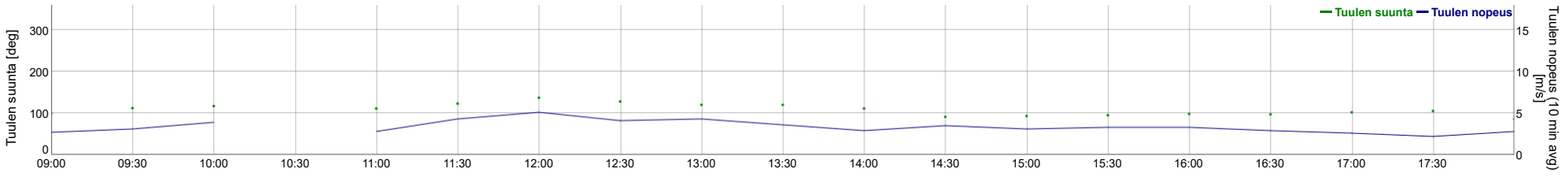
MP4



MP5



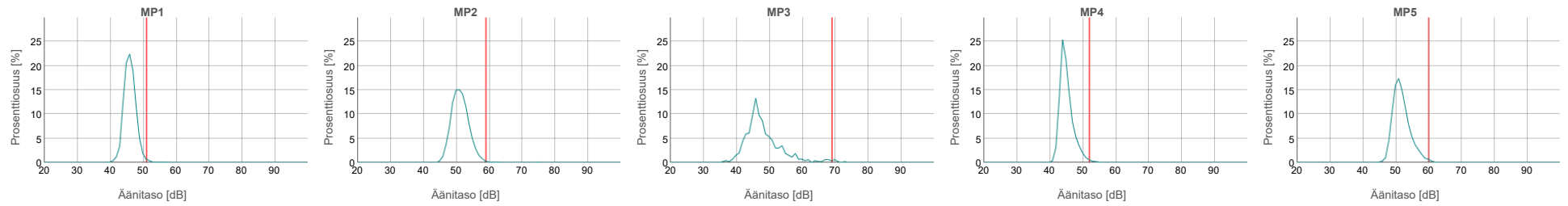
Säähavainnot



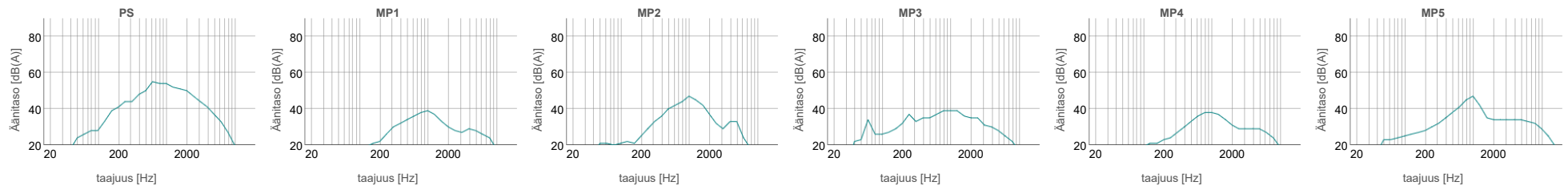
28.09.

0928	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	99	51	59	69	52	60
LAF,5%	83	49	56	59	49	57
LAF,50%	53	46	51	47	45	52
LAF,60dB	15 %	0 %	0 %	4 %	0 %	0 %
LAF,65dB	13 %	0 %	0 %	2 %	0 %	0 %
LAF,70dB	11 %	0 %	0 %	0 %	0 %	0 %
LAeq	66	46	52	48	45	52

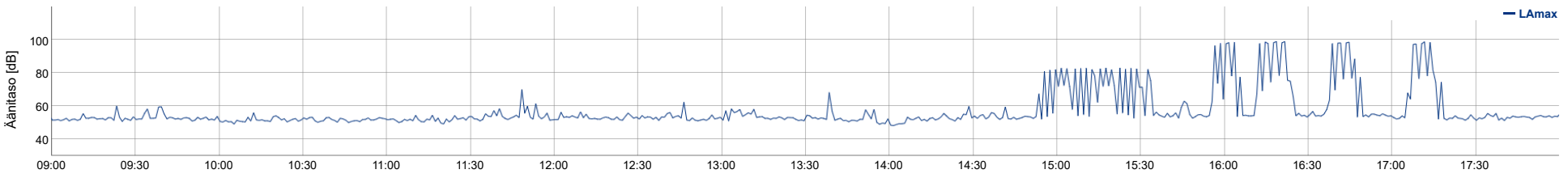
Pysyvyystasot



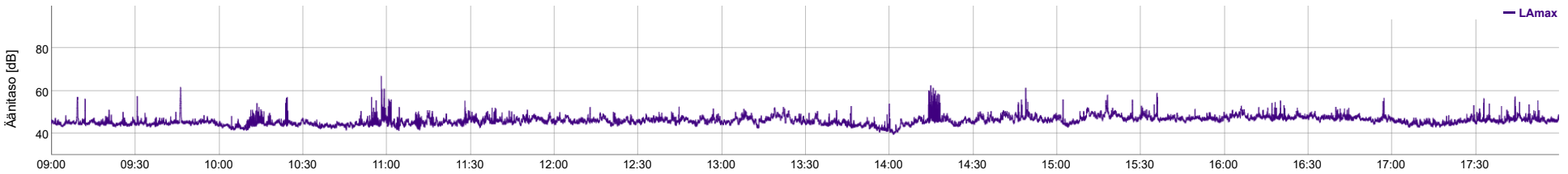
Spektrit



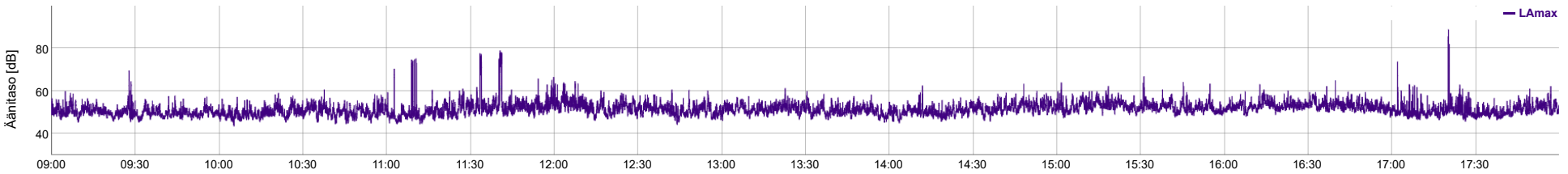
PS



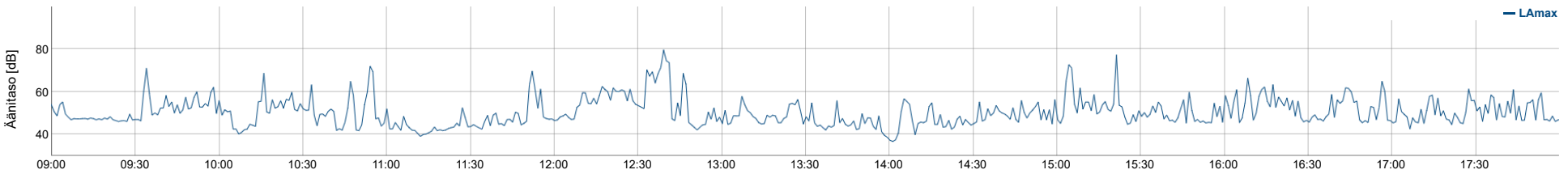
MP1



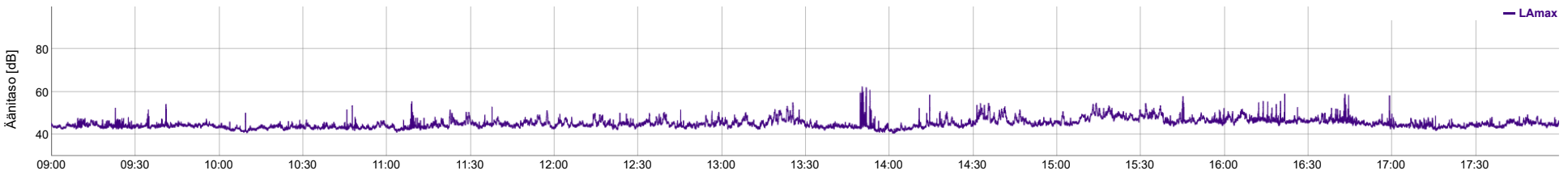
MP2



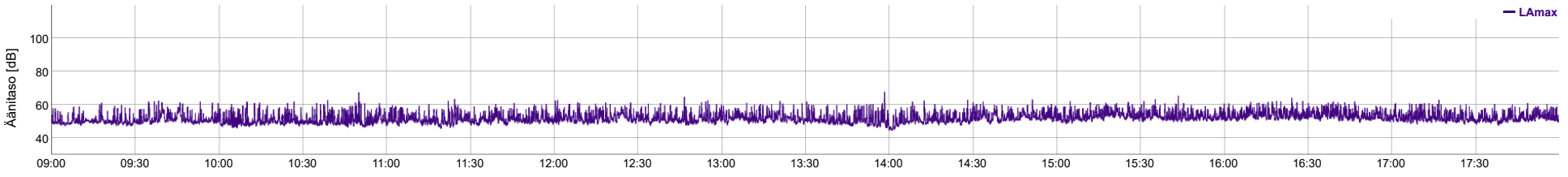
MP3



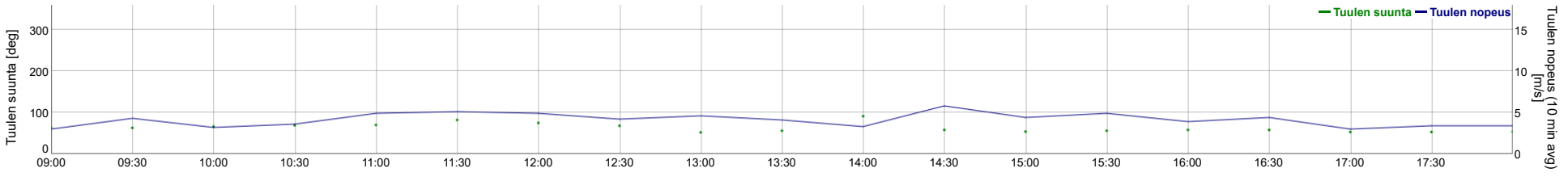
MP4



MP5



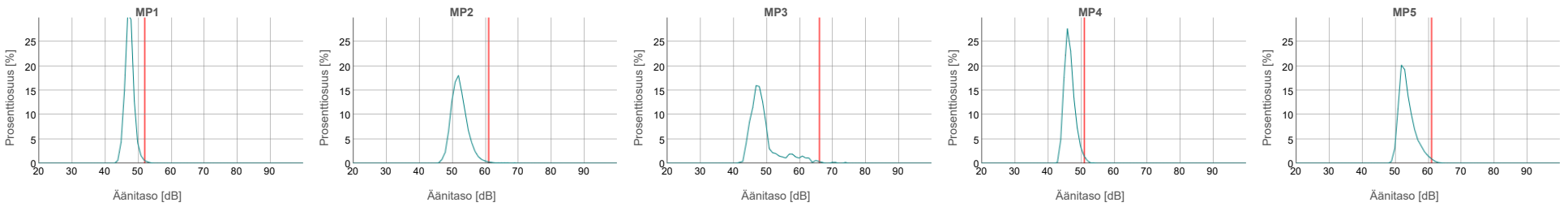
Säähavainnot



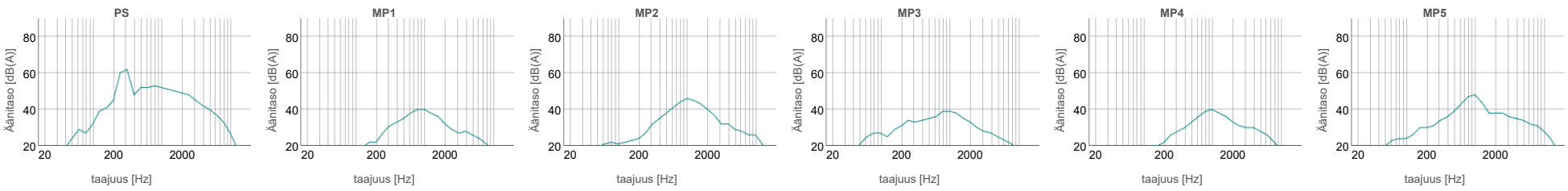
29.09.

0929	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	96	52	61	66	51	61
LAF,5%	95	50	57	61	50	59
LAF,50%	57	47	52	48	46	53
LAF,60dB	29 %	0 %	1 %	5 %	0 %	2 %
LAF,65dB	24 %	0 %	0 %	1 %	0 %	0 %
LAF,70dB	22 %	0 %	0 %	0 %	0 %	0 %
LAeq	69	47	52	47	46	54

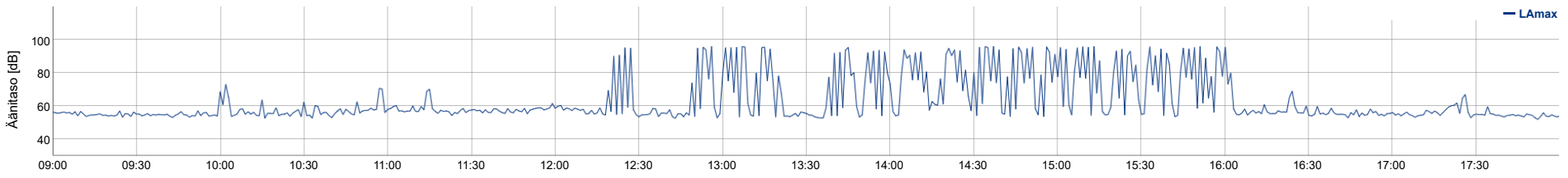
Pysyvyystasot



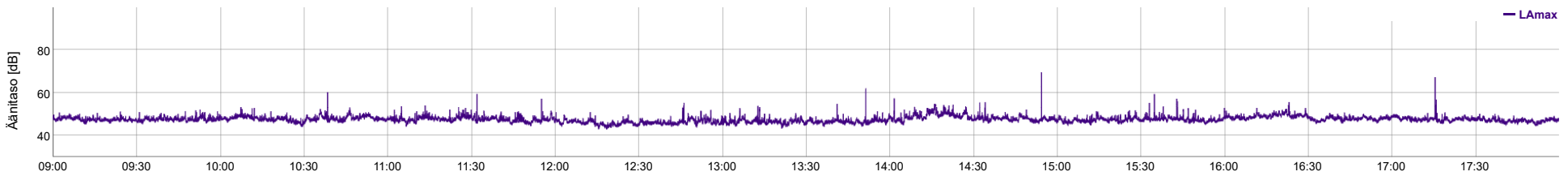
Spektrit



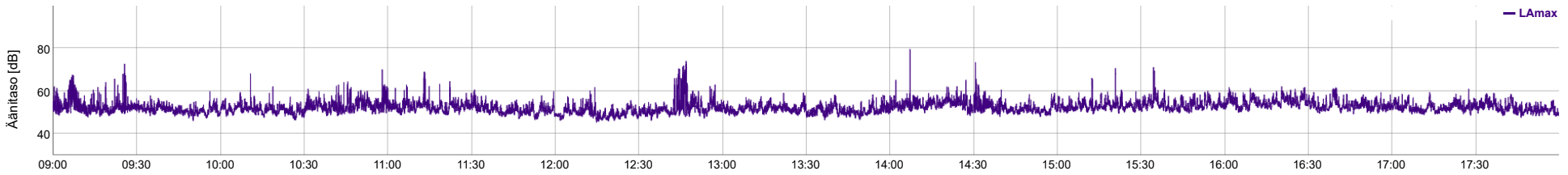
PS



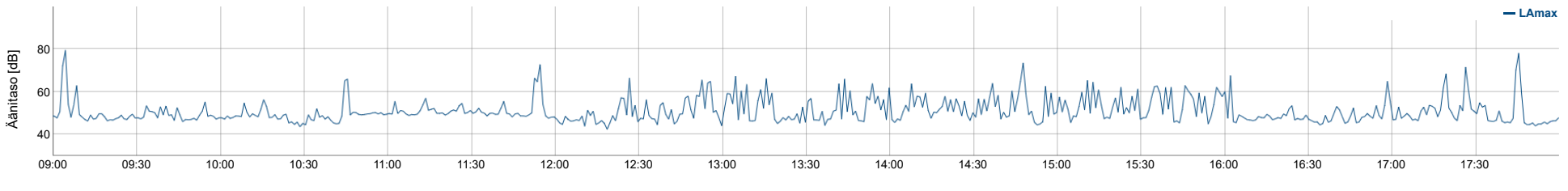
MP1



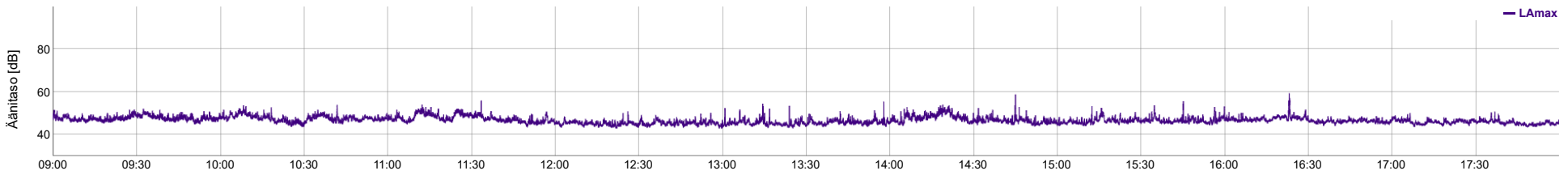
MP2



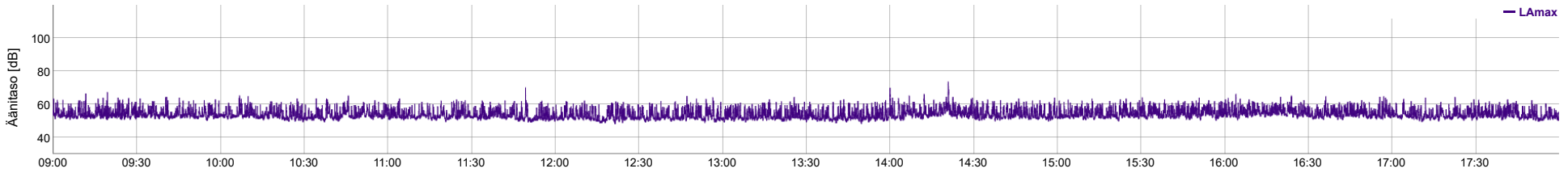
MP3



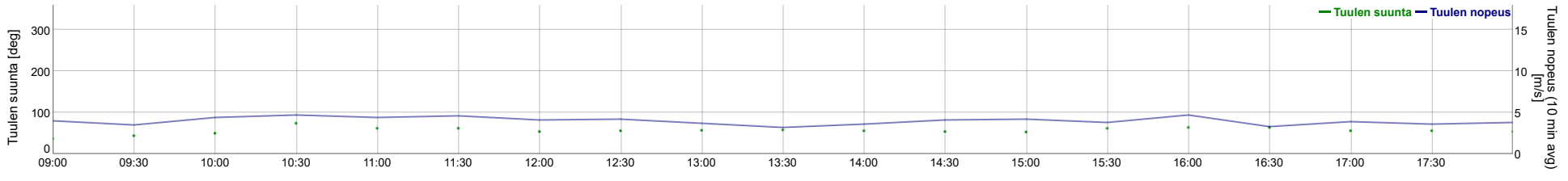
MP4



MP5



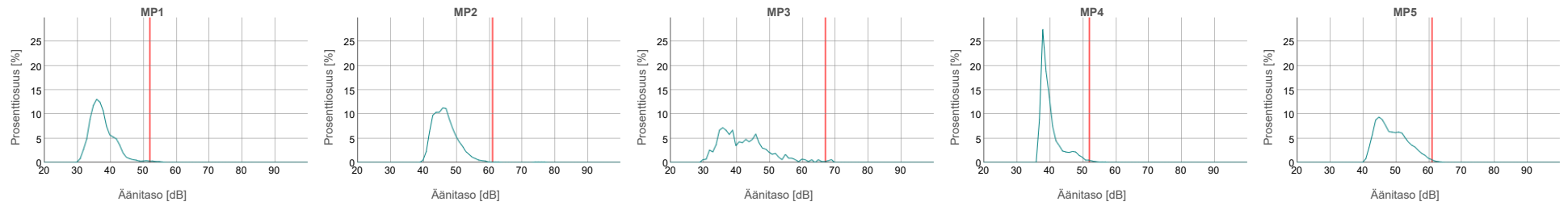
Säähavainnot



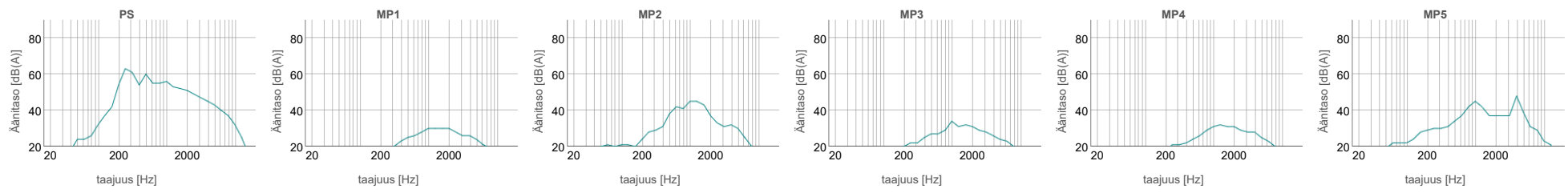
30.09.

0930	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	96	52	61	67	52	61
LAF,5%	95	45	54	57	48	58
LAF,50%	52	37	46	41	39	48
LAF,60dB	29 %	0 %	1 %	3 %	0 %	1 %
LAF,65dB	25 %	0 %	0 %	1 %	0 %	0 %
LAF,70dB	21 %	0 %	0 %	0 %	0 %	0 %
LAeq	68	39	51	42	42	50

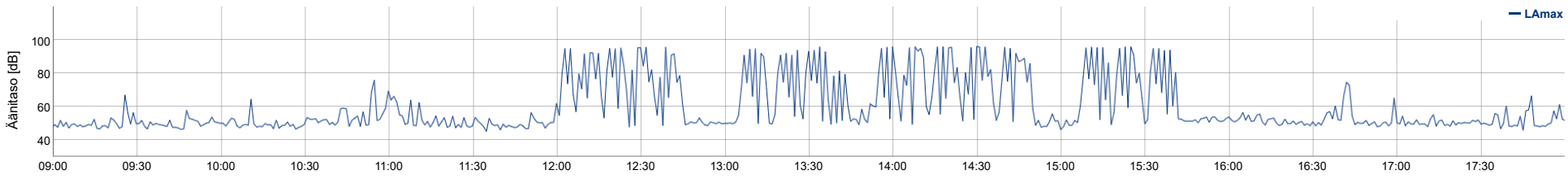
Pysyvyystasot



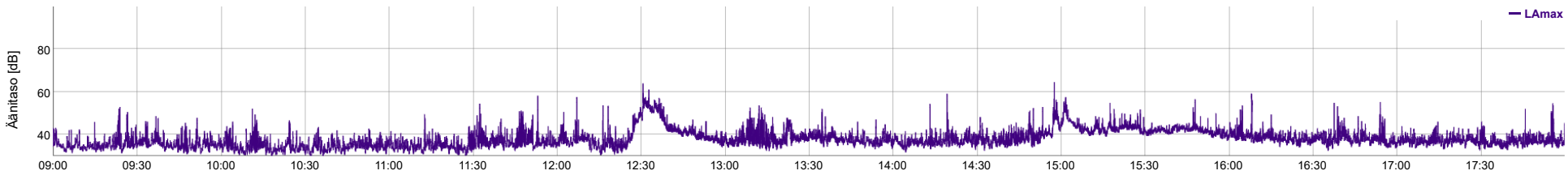
Spektrit



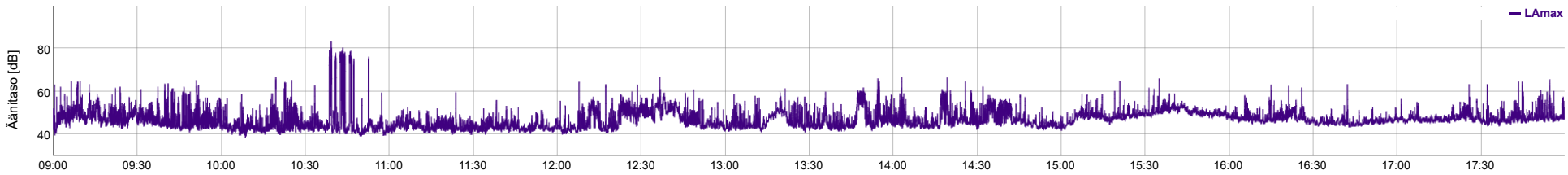
PS



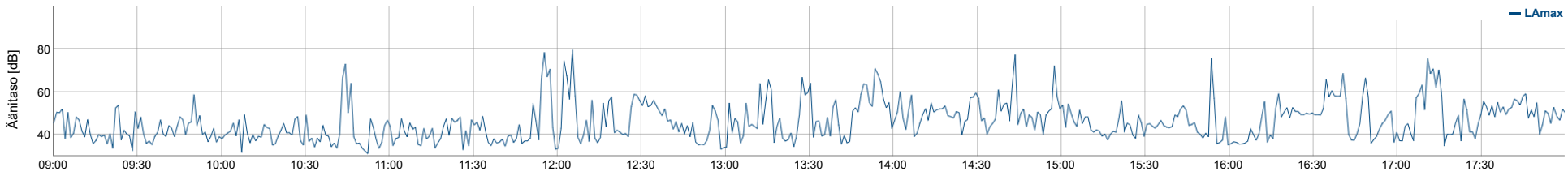
MP1



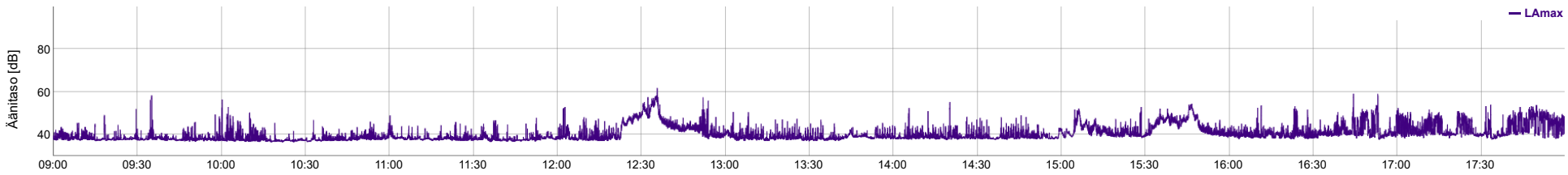
MP2



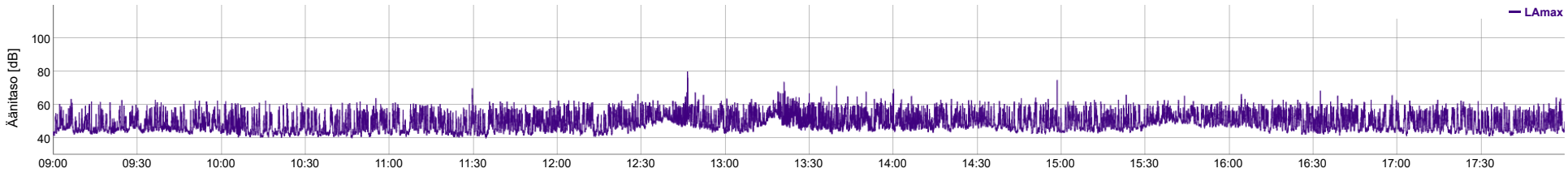
MP3



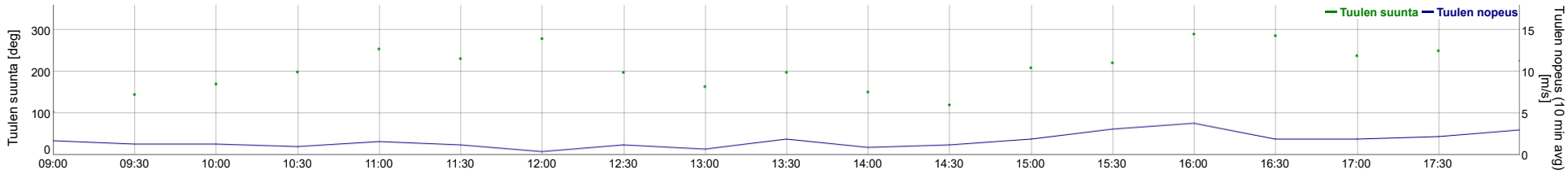
MP4



MP5



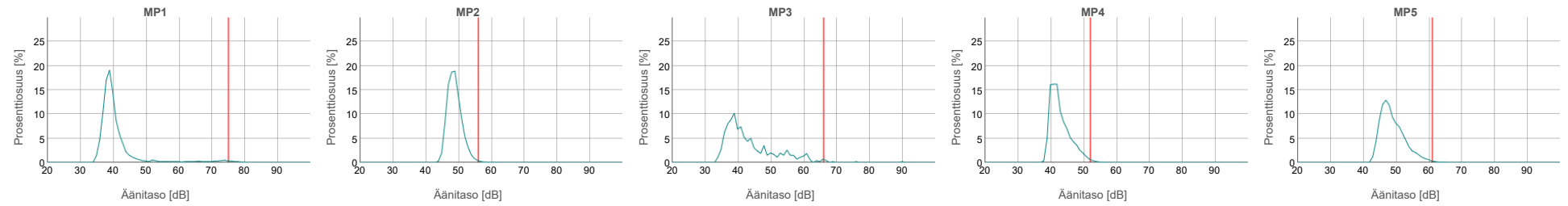
Säähavainnot



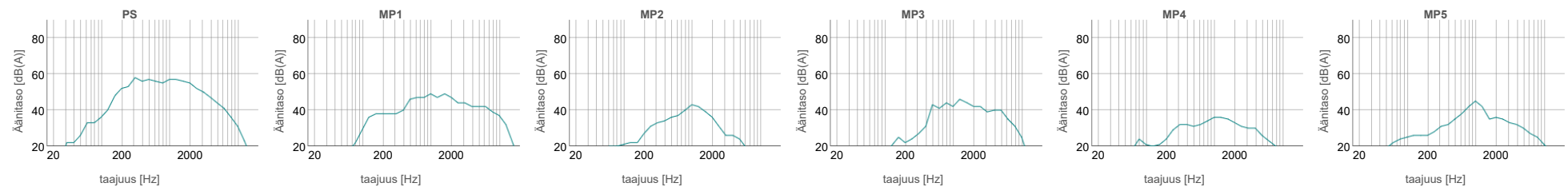
01.10.

1001	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	97	75	56	66	52	61
LAF,5%	93	59	53	60	49	57
LAF,50%	59	39	49	41	42	48
LAF,60dB	44 %	4 %	0 %	5 %	0 %	1 %
LAF,65dB	30 %	3 %	0 %	1 %	0 %	0 %
LAF,70dB	22 %	2 %	0 %	0 %	0 %	0 %
LAeq	68	58	49	51	44	50

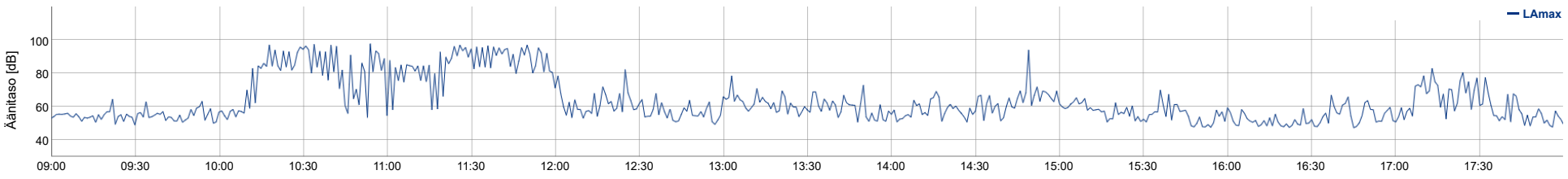
Pysyvyystasot



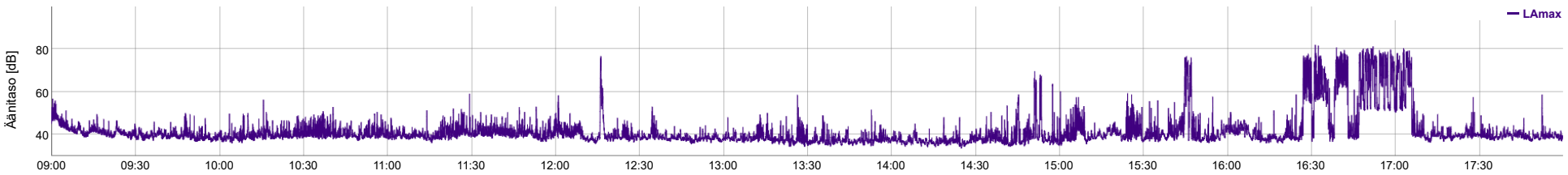
Spektrit



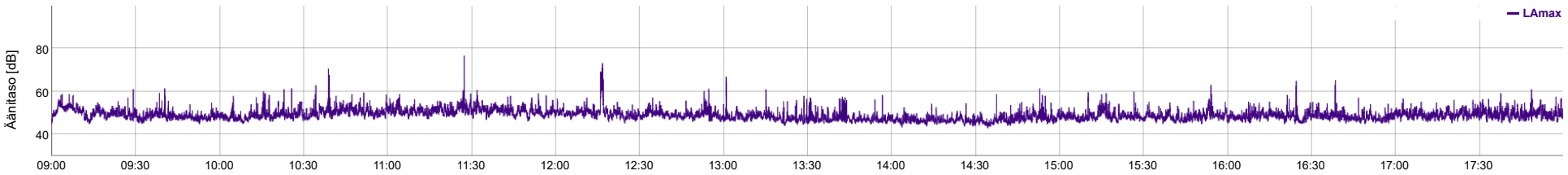
PS



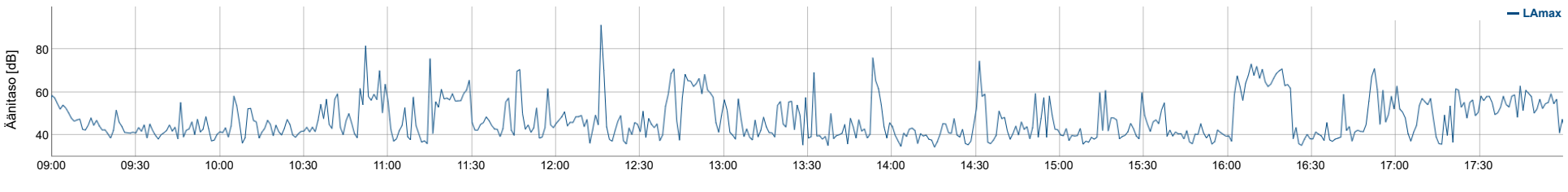
MP1



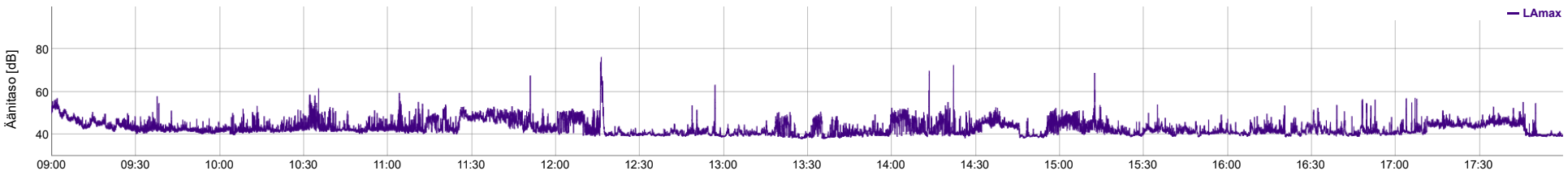
MP2



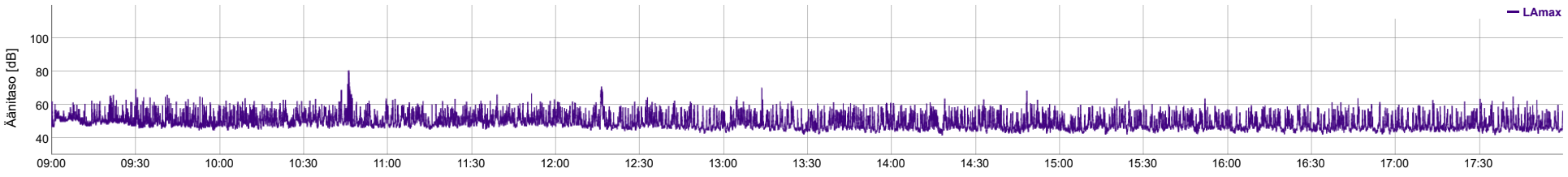
MP3



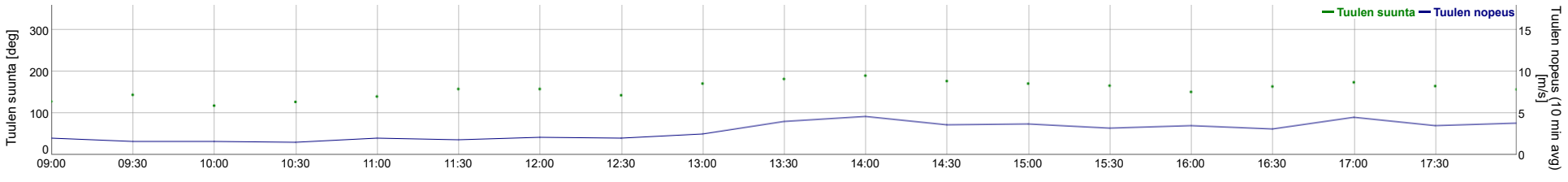
MP4



MP5



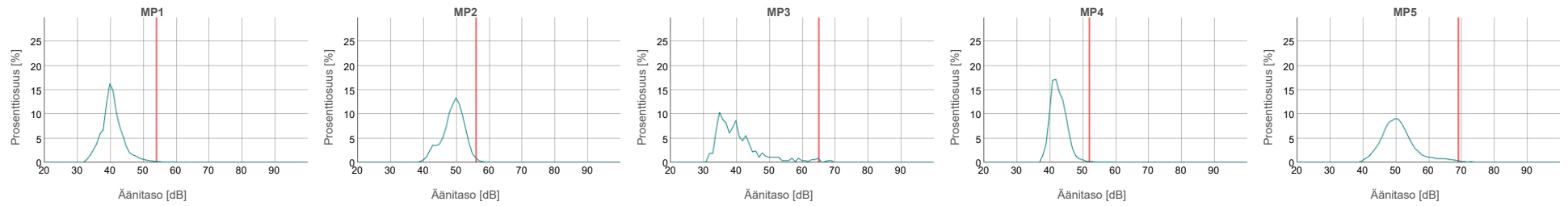
Säähavainnot



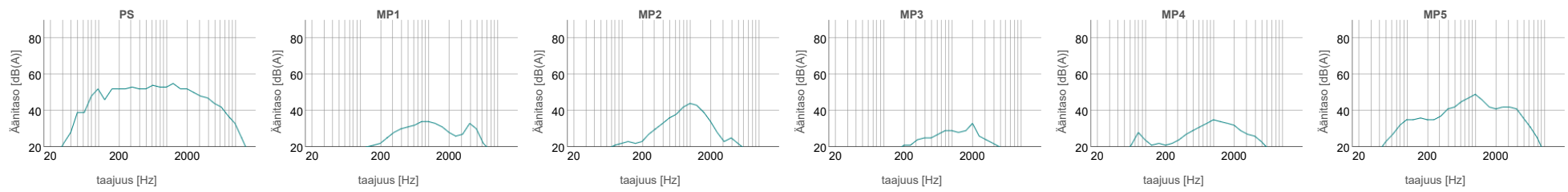
02.10.

1002	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	88	54	56	65	52	69
LAF,5%	84	48	54	57	47	63
LAF,50%	69	41	50	39	43	50
LAF,60dB	96 %	0 %	0 %	3 %	0 %	7 %
LAF,65dB	77 %	0 %	0 %	1 %	0 %	3 %
LAF,70dB	45 %	0 %	0 %	0 %	0 %	0 %
LAeq	66	45	49	41	43	55

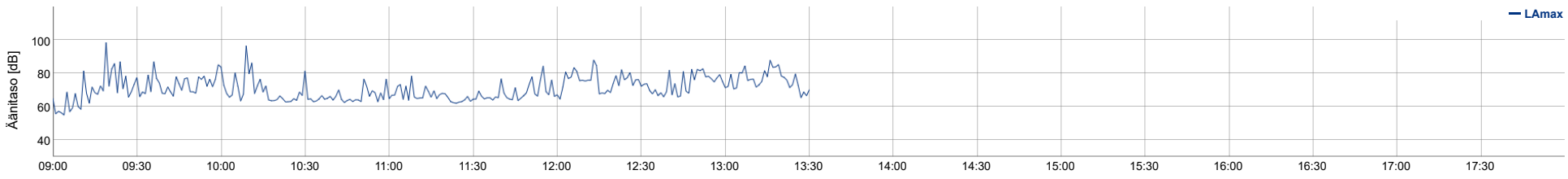
Pysyvyystasot



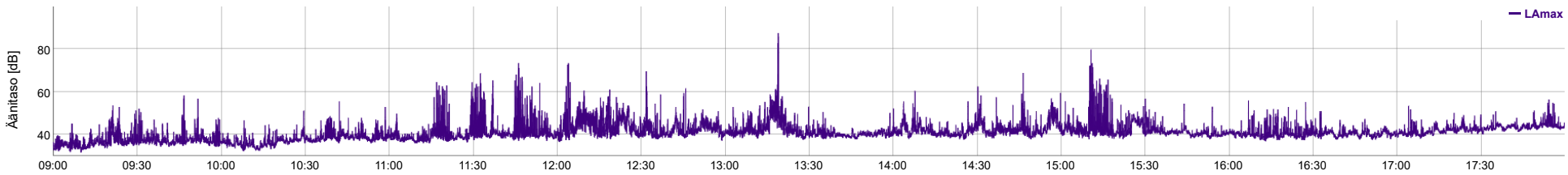
Spektrit



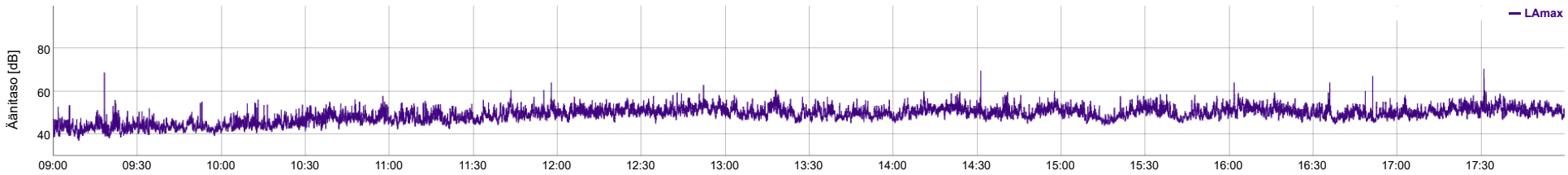
PS



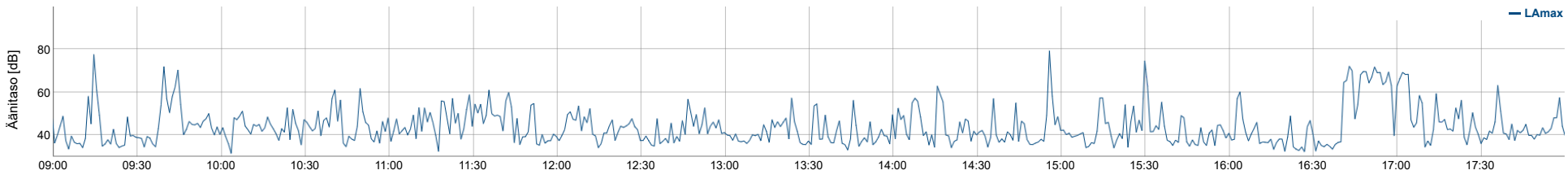
MP1



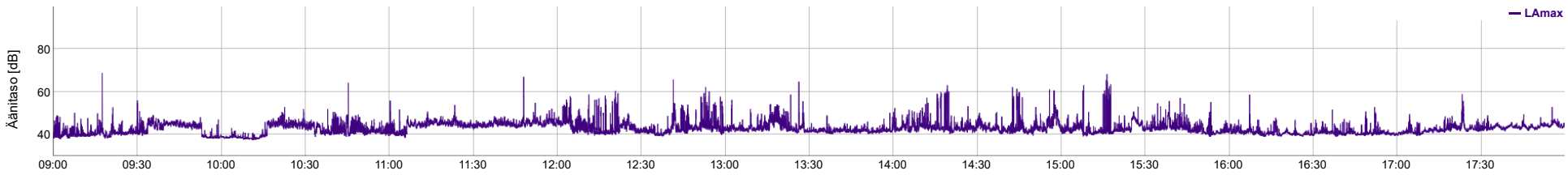
MP2



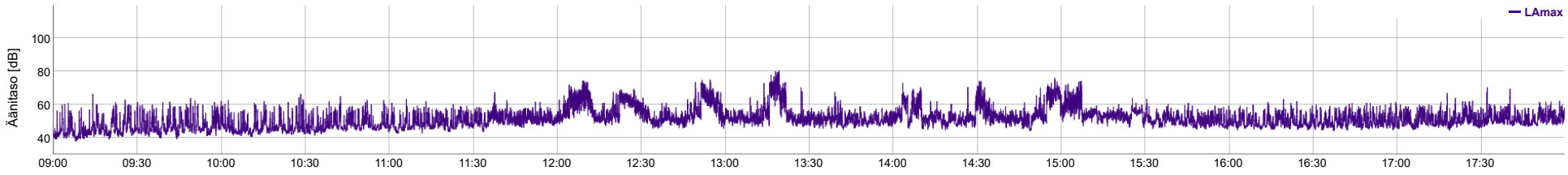
MP3



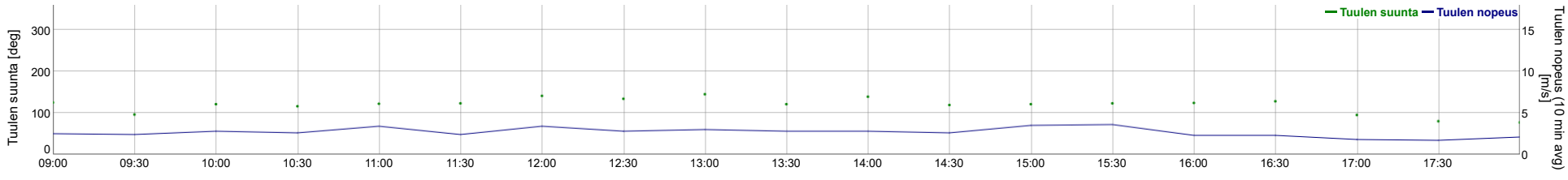
MP4



MP5



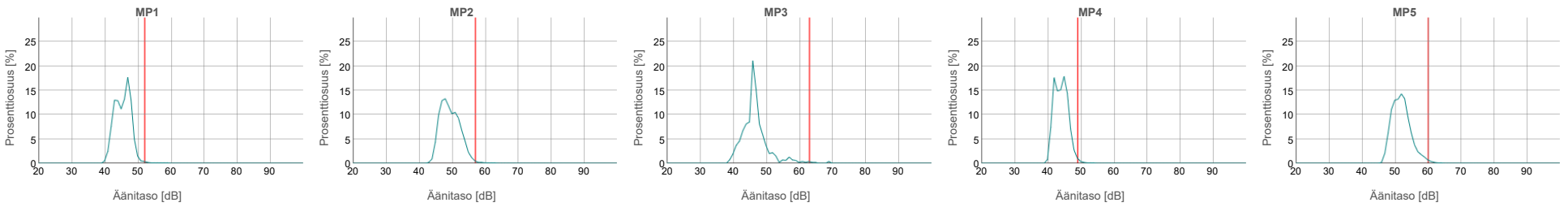
Säähavainnot



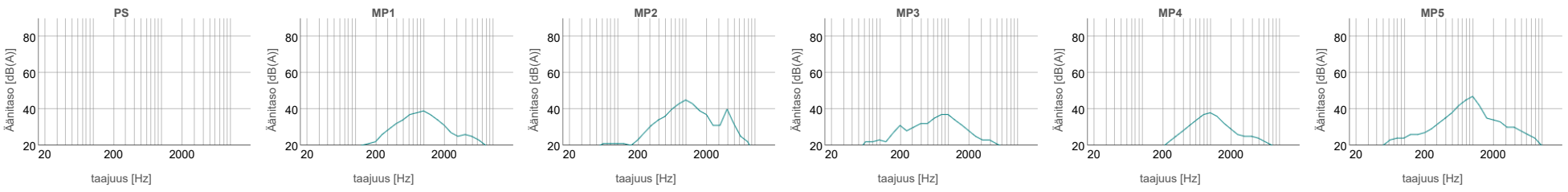
03.10.

1003	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	52	57	63	49	60
LAF,5%	-	49	54	55	47	57
LAF,50%	-	46	49	46	44	52
LAF,60dB	- %	0 %	0 %	1 %	0 %	1 %
LAF,65dB	- %	0 %	0 %	0 %	0 %	0 %
LAF,70dB	- %	0 %	0 %	0 %	0 %	0 %
LAeq	-	46	51	45	44	52

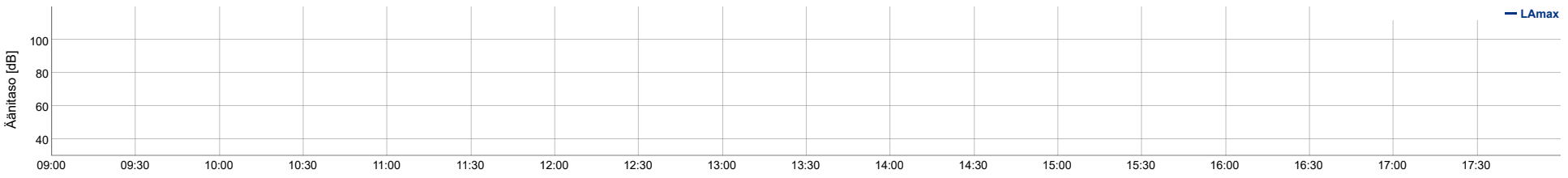
Pysyvyystasot



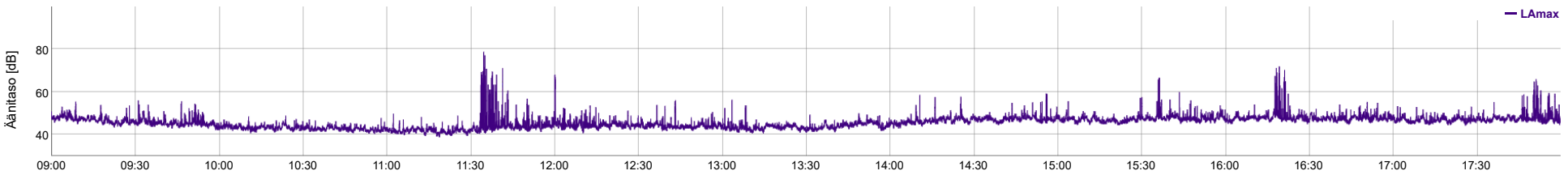
Spektrit



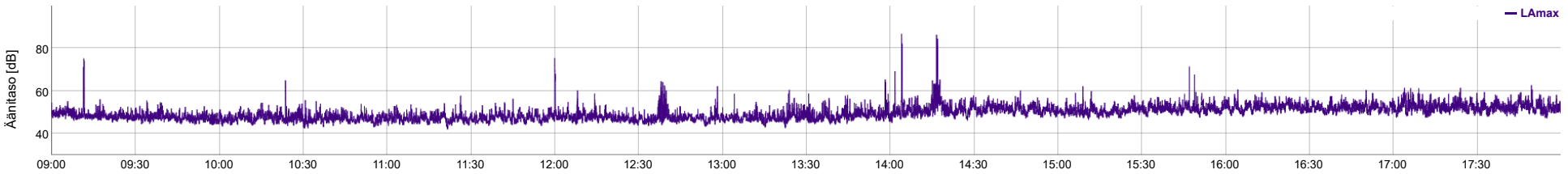
PS



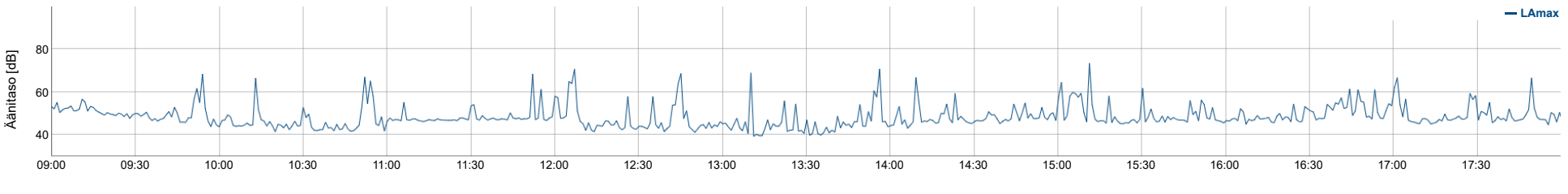
MP1



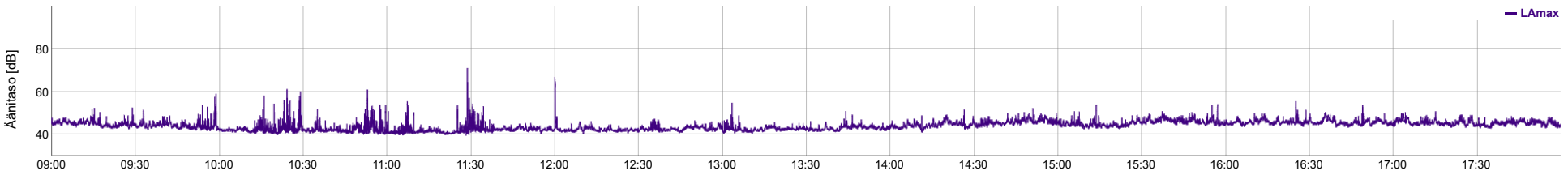
MP2



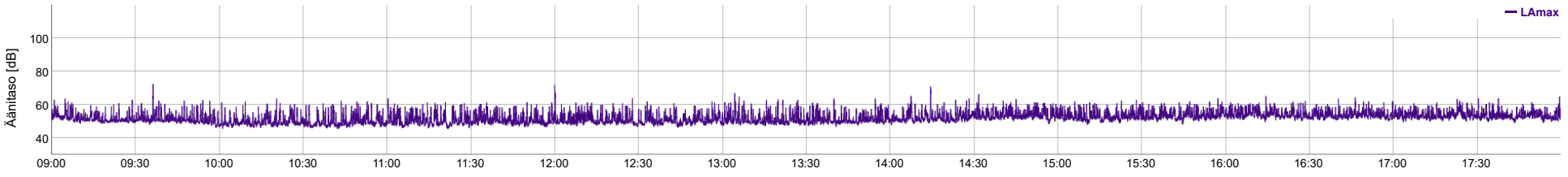
MP3



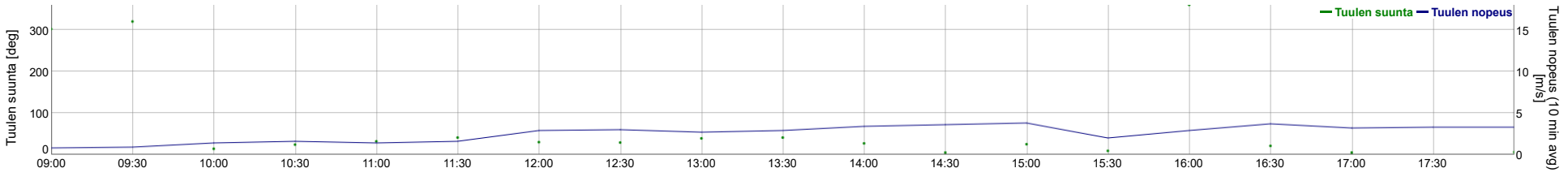
MP4



MP5



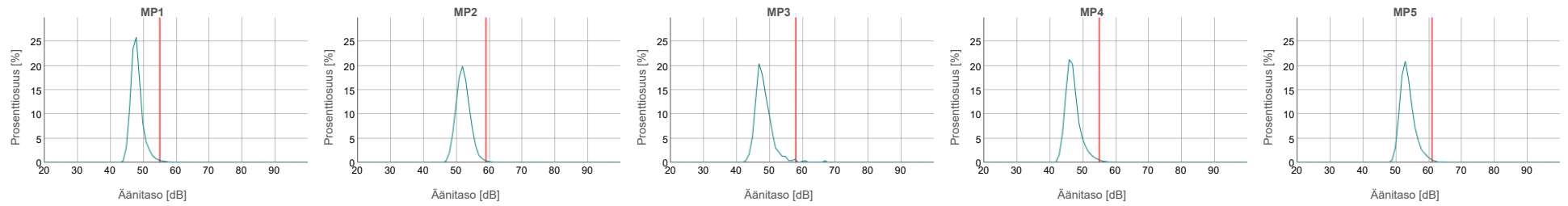
Säähavainnot



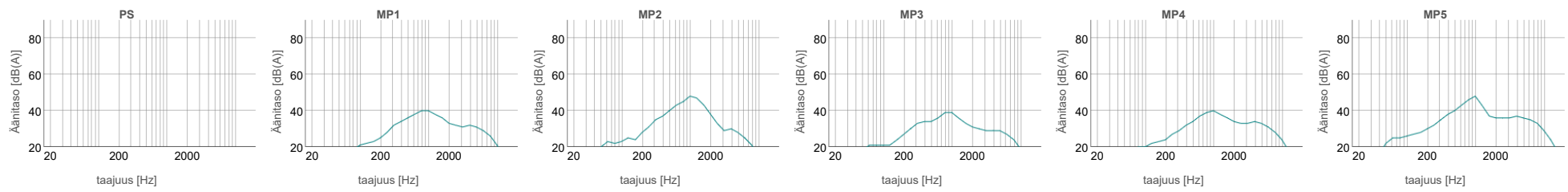
04.10.

1004	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	55	59	58	55	61
LAF,5%	-	52	56	53	52	58
LAF,50%	-	48	52	48	47	53
LAF,60dB	- %	0 %	0 %	0 %	0 %	1 %
LAF,65dB	- %	0 %	0 %	0 %	0 %	0 %
LAF,70dB	- %	0 %	0 %	0 %	0 %	0 %
LAeq	-	48	53	46	47	54

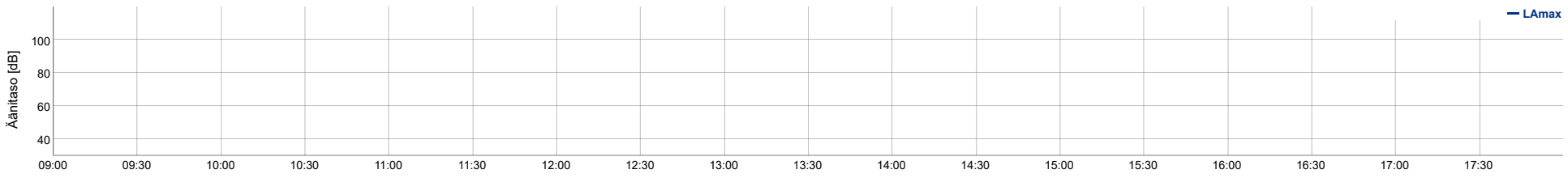
Pysyvyystasot



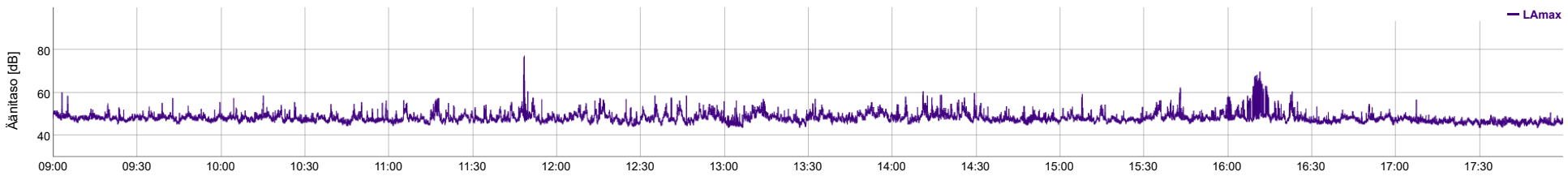
Spektrit



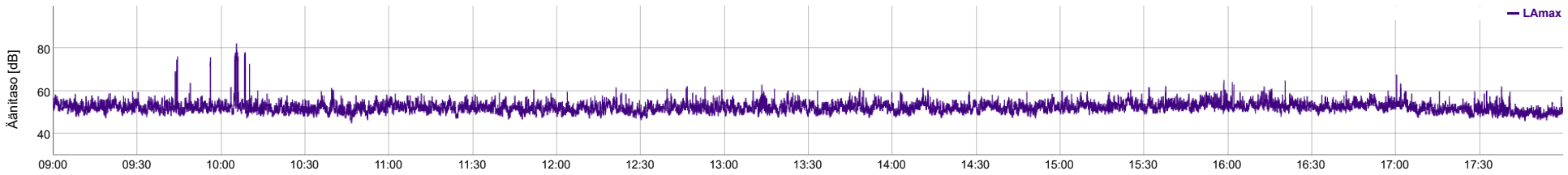
PS



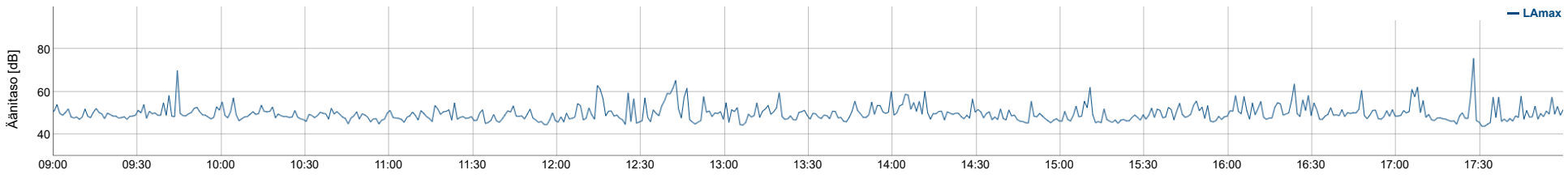
MP1



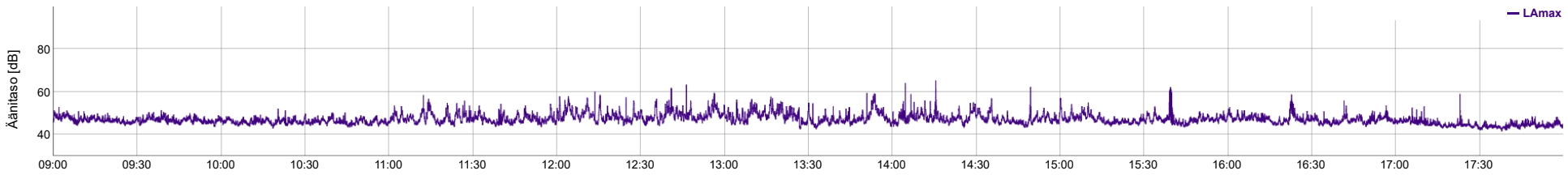
MP2



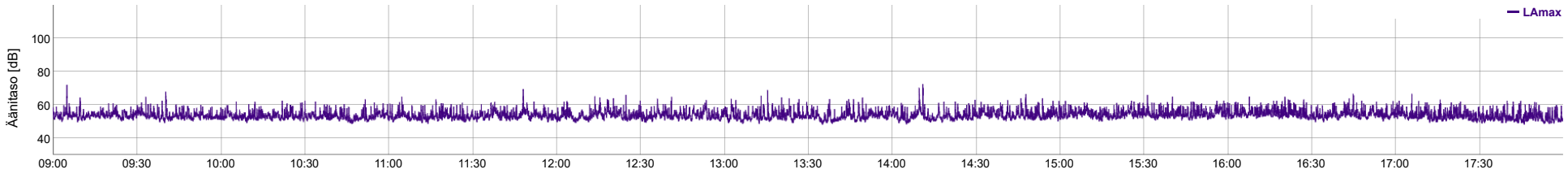
MP3



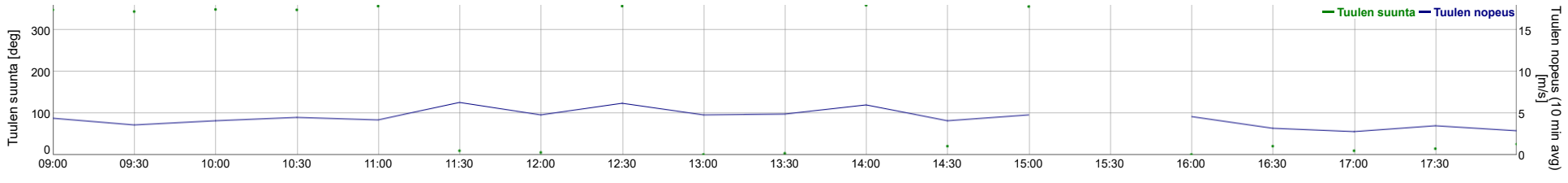
MP4



MP5



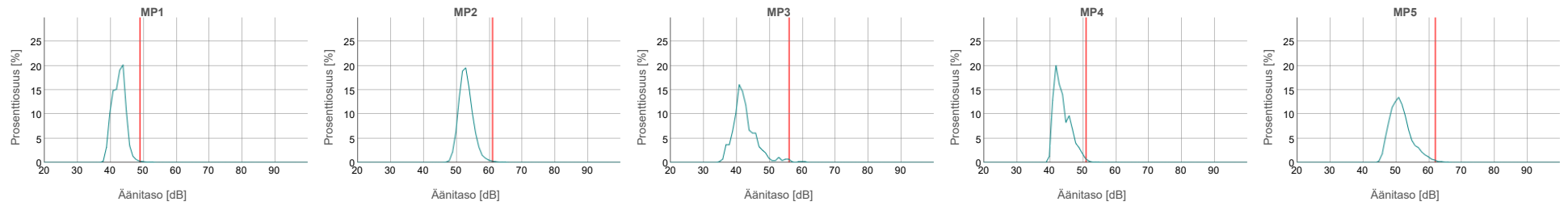
Säähavainnot



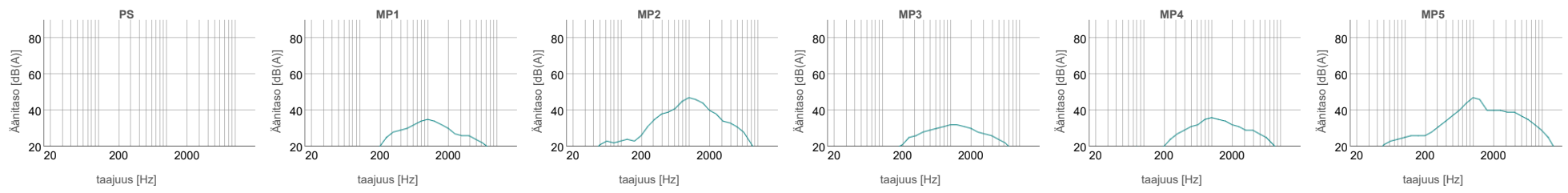
05.10.

1005	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	49	61	56	51	62
LAF,5%	-	46	57	50	49	58
LAF,50%	-	43	53	42	43	51
LAF,60dB	- %	0 %	1 %	0 %	0 %	2 %
LAF,65dB	- %	0 %	0 %	0 %	0 %	0 %
LAF,70dB	- %	0 %	0 %	0 %	0 %	0 %
LAeq	-	43	53	41	44	52

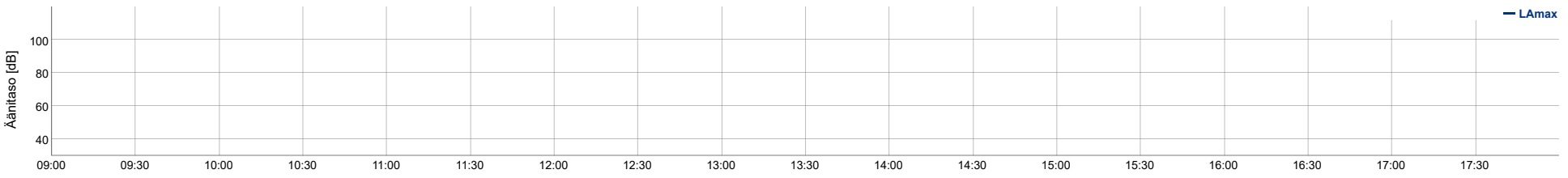
Pysyvyystasot



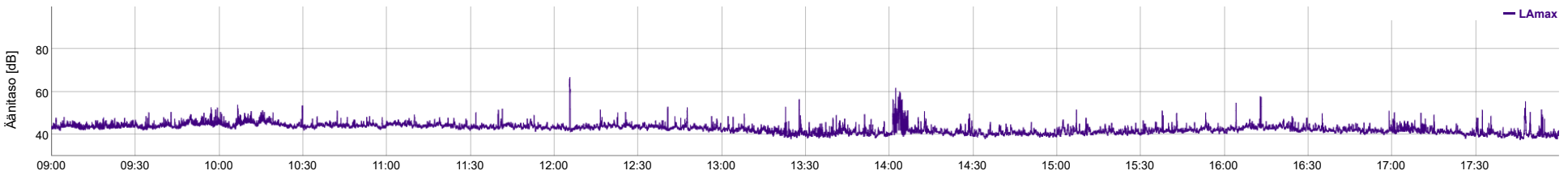
Spektrit



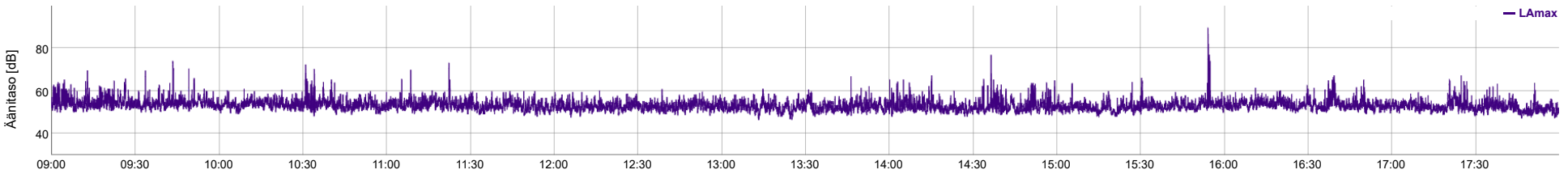
PS



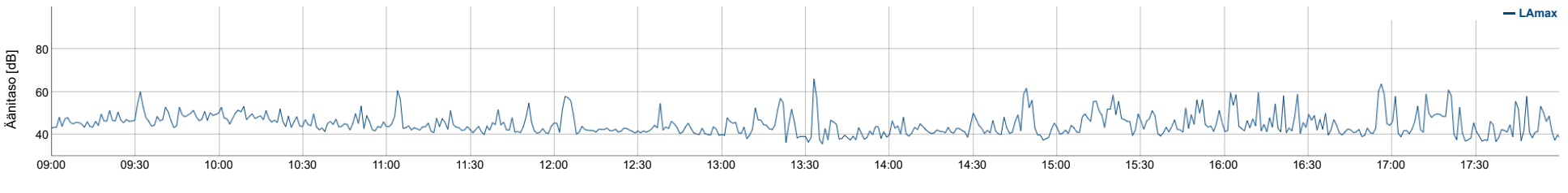
MP1



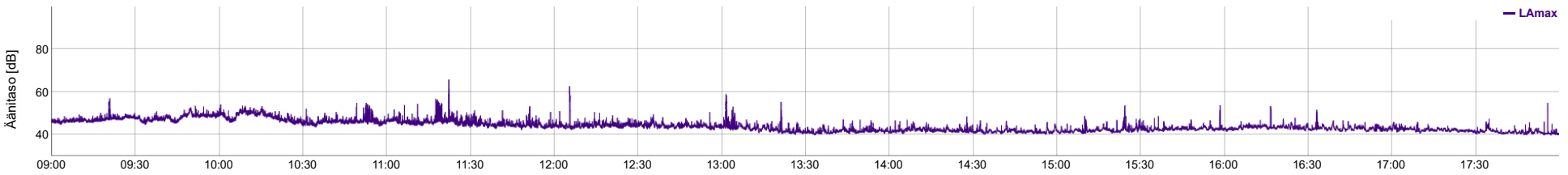
MP2



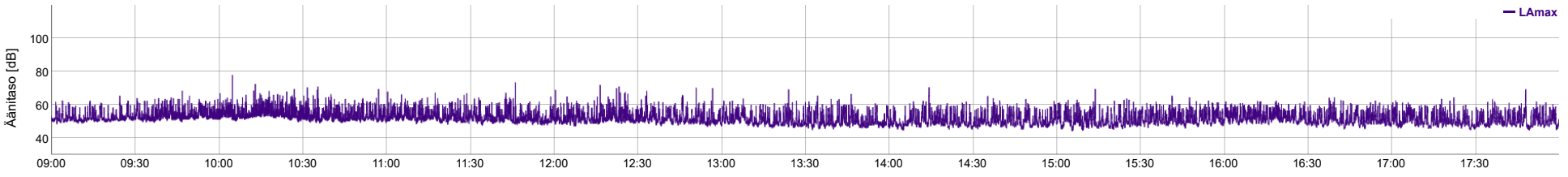
MP3



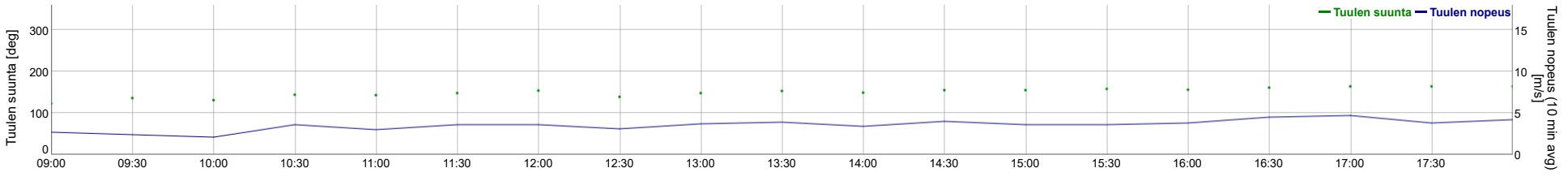
MP4



MP5



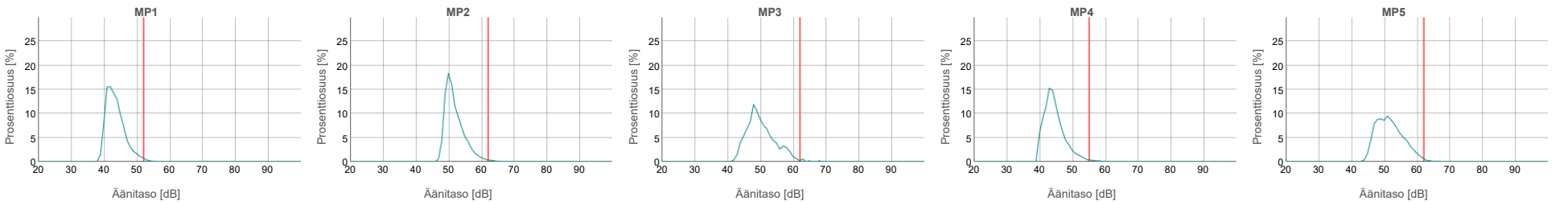
Säähavainnot



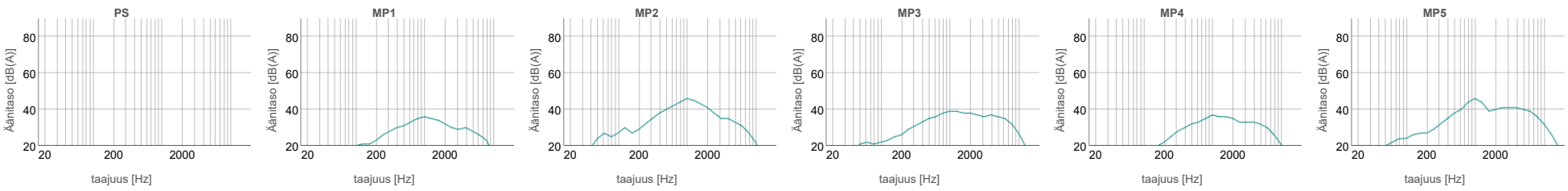
06.10.

1006	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	52	62	62	55	62
LAF,5%	-	49	58	59	51	59
LAF,50%	-	43	51	50	44	51
LAF,60dB	- %	0 %	2 %	2 %	0 %	3 %
LAF,65dB	- %	0 %	0 %	0 %	0 %	0 %
LAF,70dB	- %	0 %	0 %	0 %	0 %	0 %
LAeq	-	44	52	48	46	53

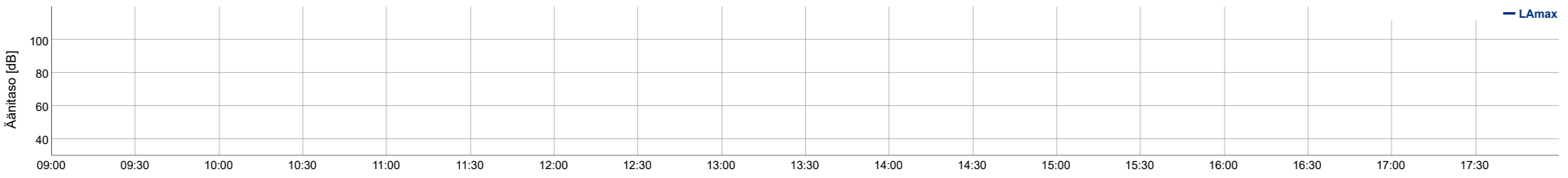
Pysyvyystasot



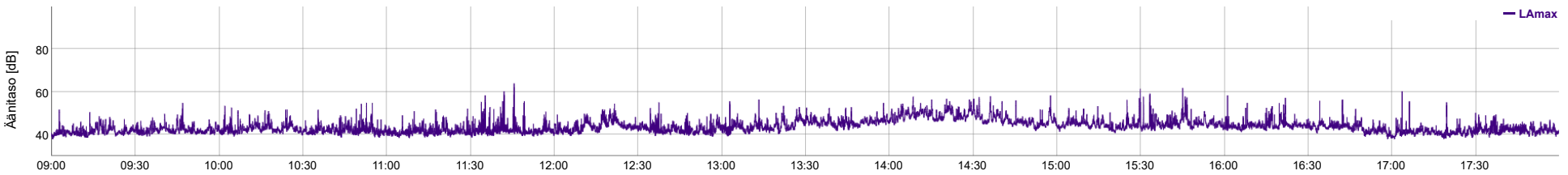
Spektrit



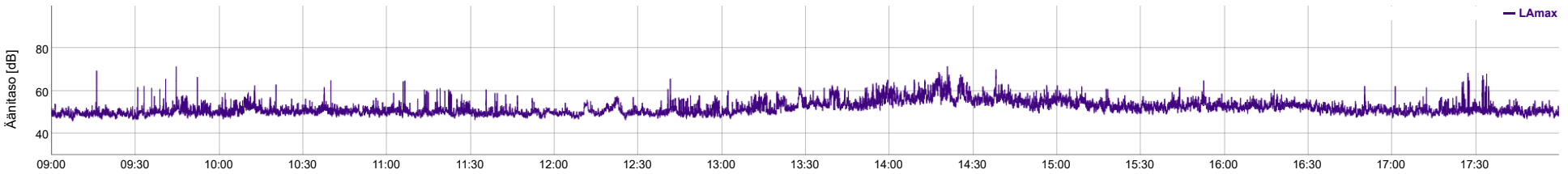
PS



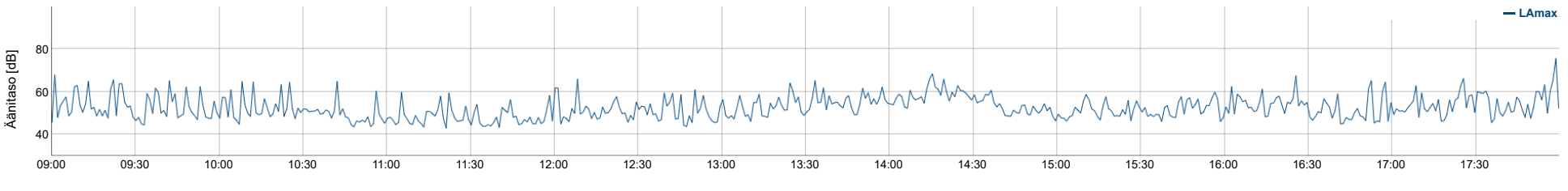
MP1



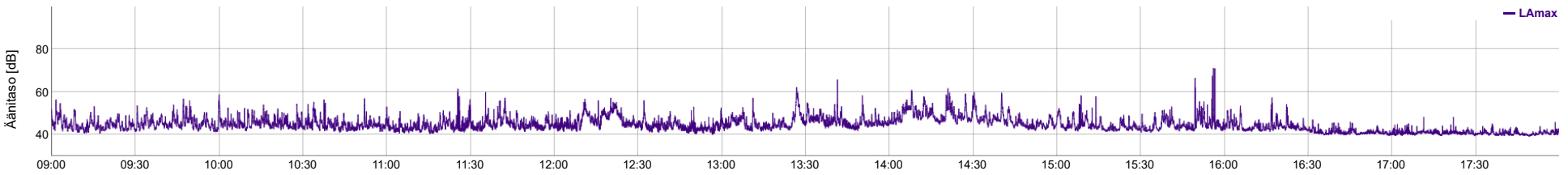
MP2



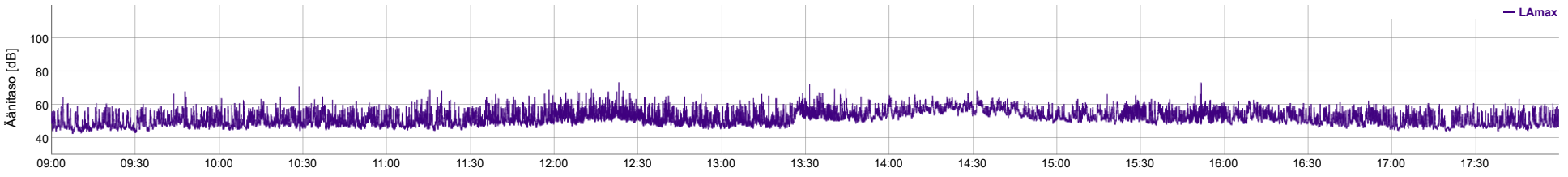
MP3



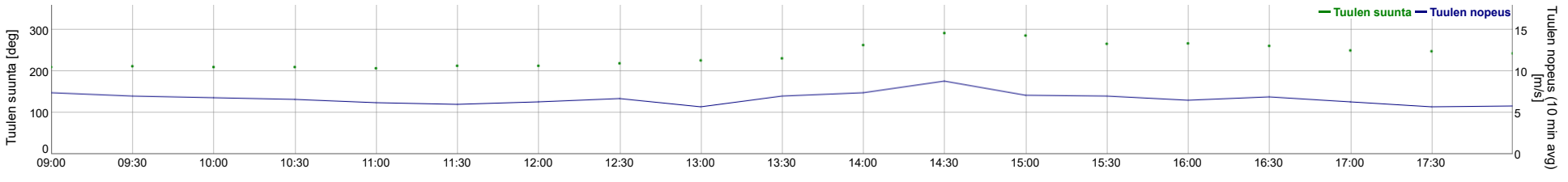
MP4



MP5



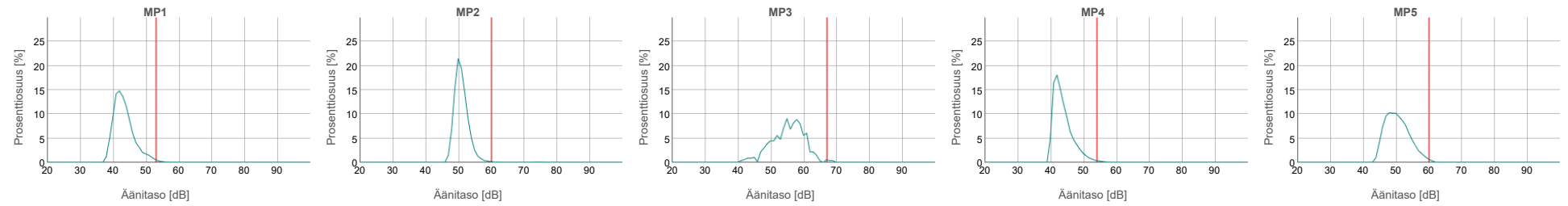
Säähavainnot



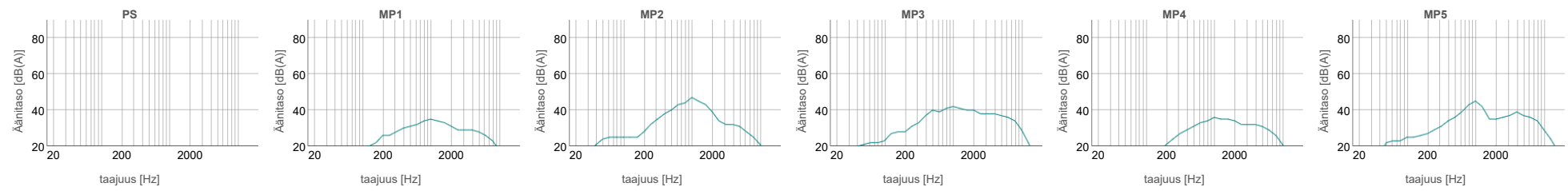
07.10.

1007	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	53	60	67	54	60
LAF,5%	-	50	55	63	50	57
LAF,50%	-	43	51	56	43	50
LAF,60dB	- %	0 %	0 %	16 %	0 %	0 %
LAF,65dB	- %	0 %	0 %	1 %	0 %	0 %
LAF,70dB	- %	0 %	0 %	0 %	0 %	0 %
LAeq	-	44	52	51	45	51

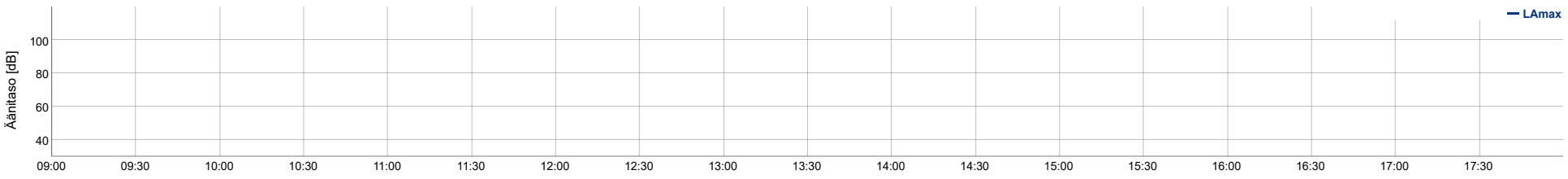
Pysyvyystasot



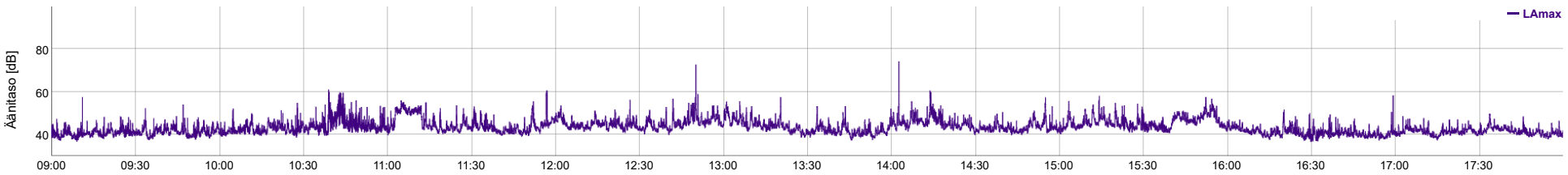
Spektrit



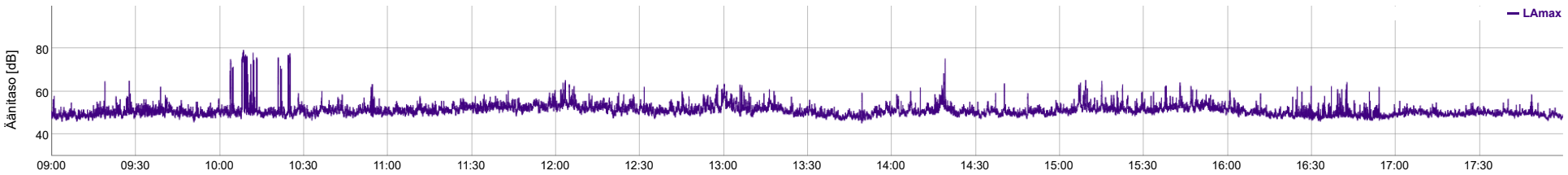
PS



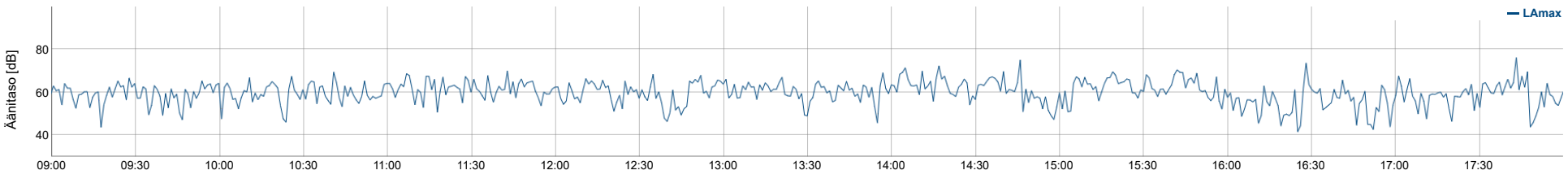
MP1



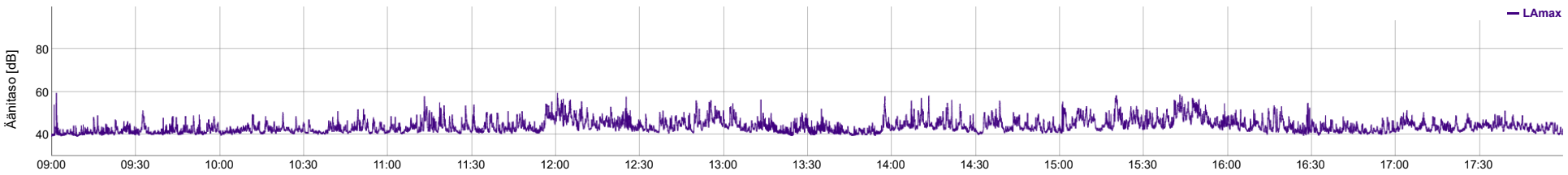
MP2



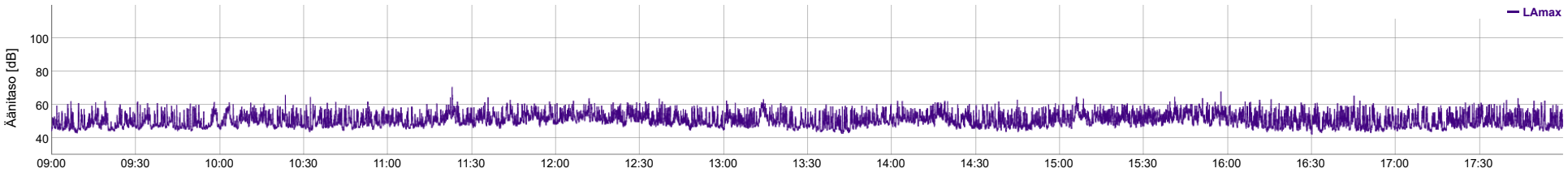
MP3



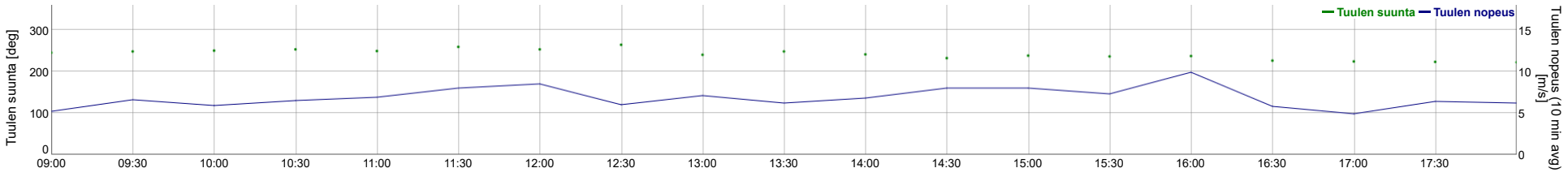
MP4



MP5



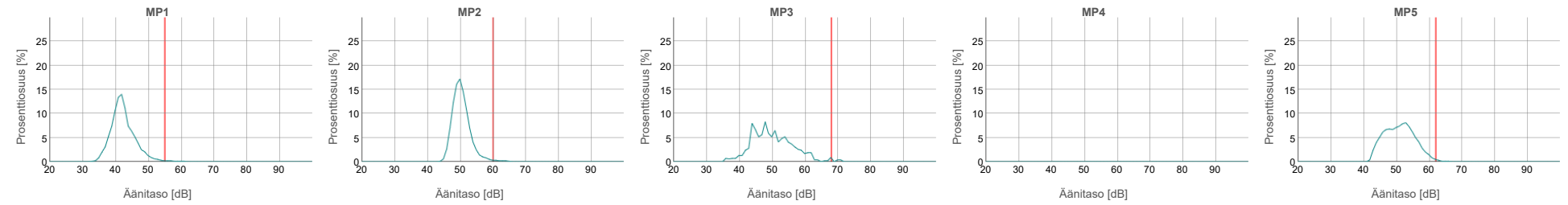
Säähavainnot



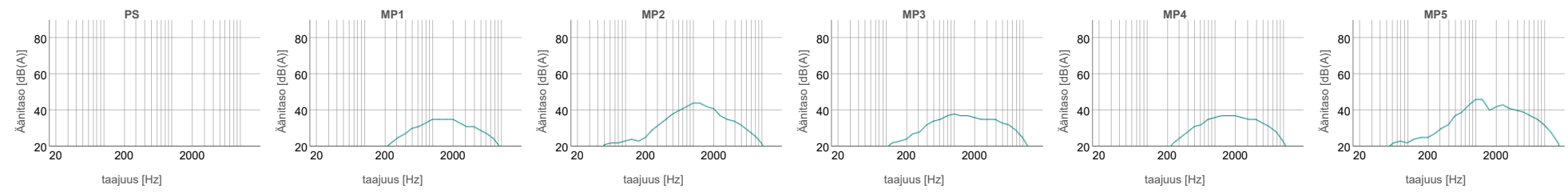
08.10.

1008	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	55	60	68	-	62
LAF,5%	-	49	55	61	-	59
LAF,50%	-	42	50	49	-	51
LAF,60dB	- %	0 %	1 %	6 %	- %	2 %
LAF,65dB	- %	0 %	0 %	1 %	- %	0 %
LAF,70dB	- %	0 %	0 %	0 %	- %	0 %
LAeq	-	44	51	48	-	52

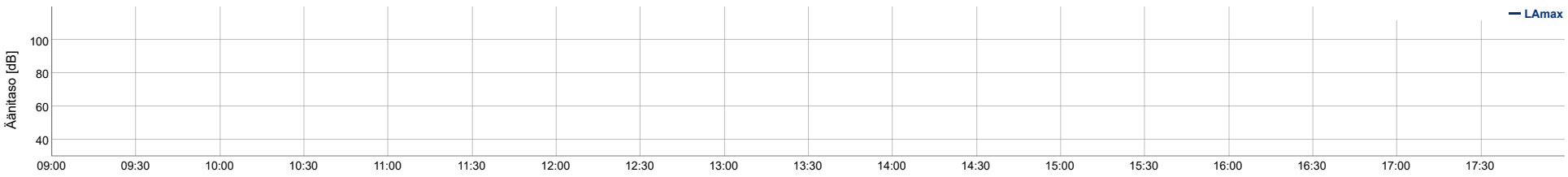
Pysyvyystasot



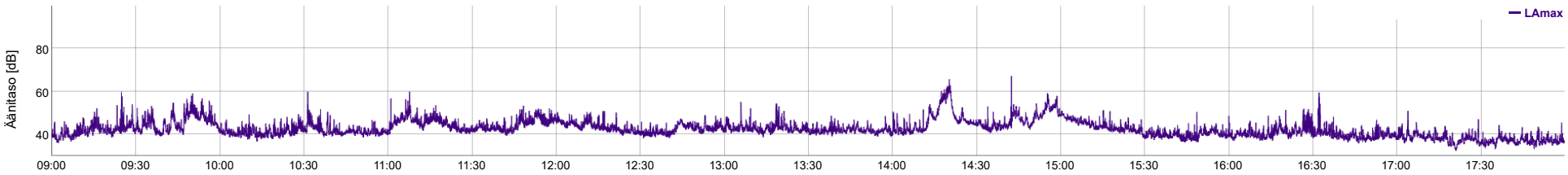
Spektrit



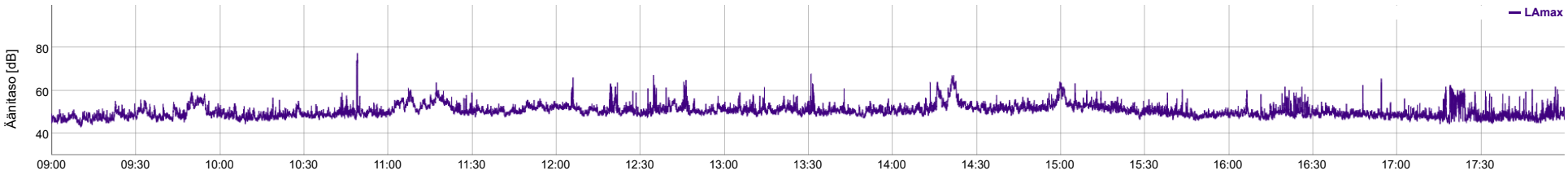
PS



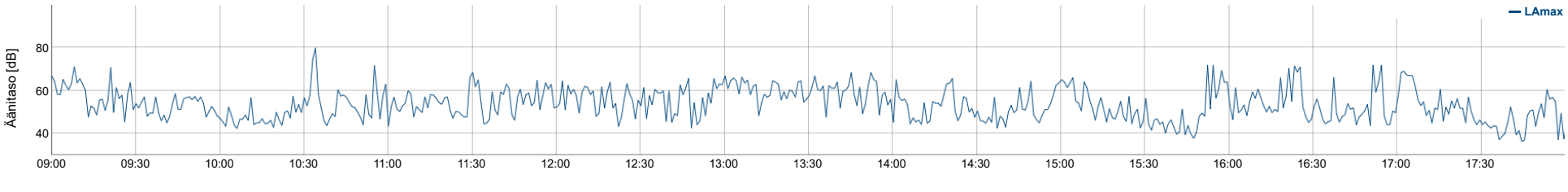
MP1



MP2



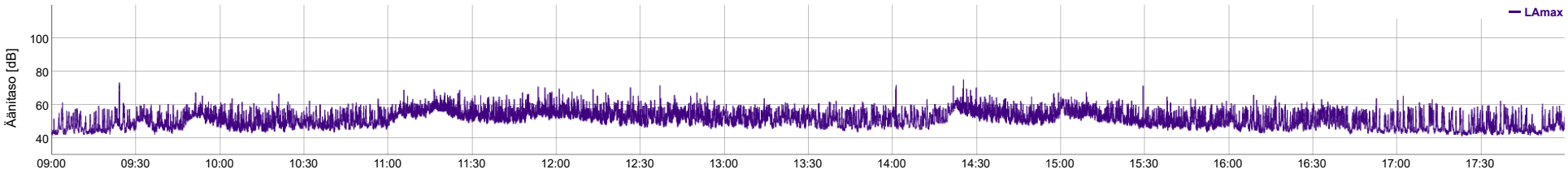
MP3



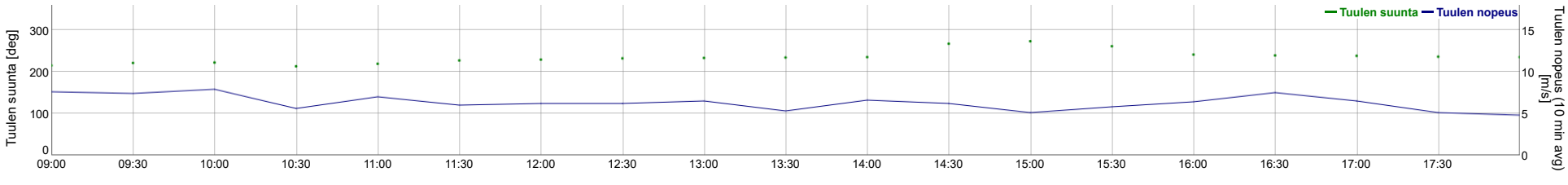
MP4



MP5



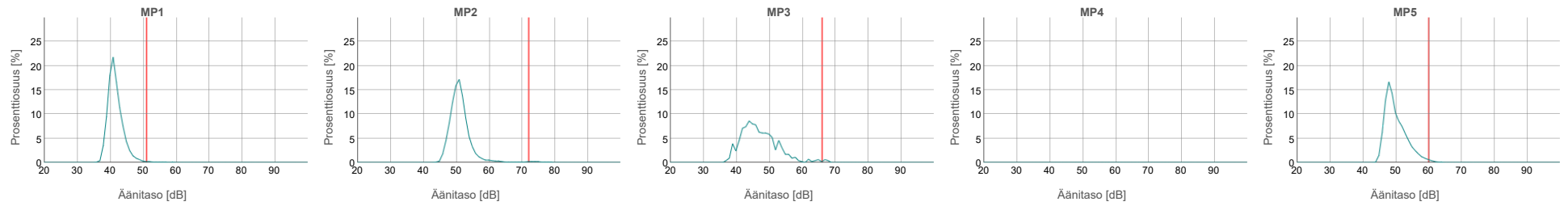
Säähavainnot



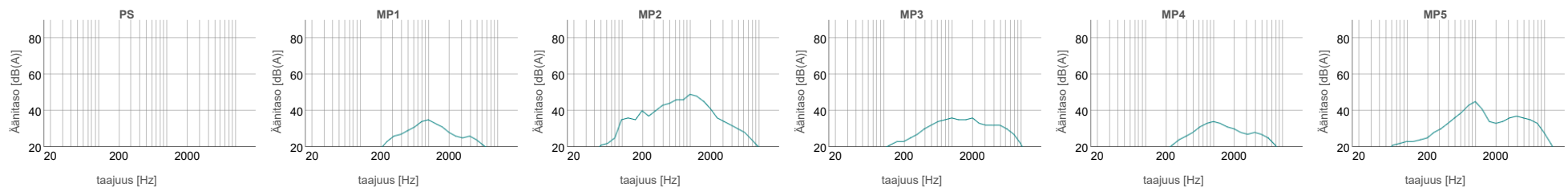
09.10.

1009	PS	MP1	MP2	MP3	MP4	MP5
LAF,1%	-	51	72	66	-	60
LAF,5%	-	46	57	57	-	57
LAF,50%	-	41	51	46	-	49
LAF,60dB	- %	0 %	3 %	3 %	- %	1 %
LAF,65dB	- %	0 %	1 %	1 %	- %	0 %
LAF,70dB	- %	0 %	1 %	0 %	- %	0 %
LAeq	-	42	55	46	-	51

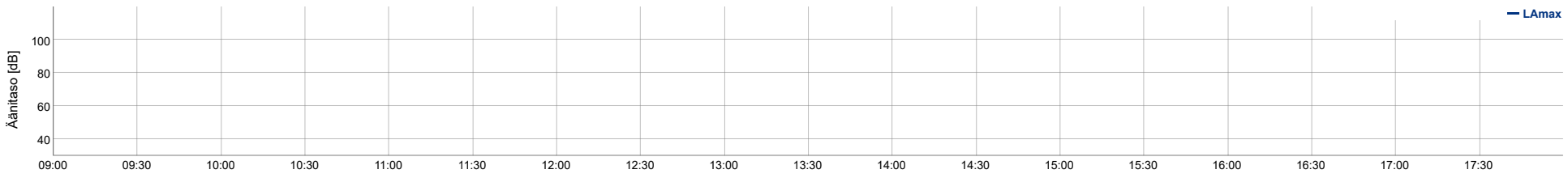
Pysyvyystasot



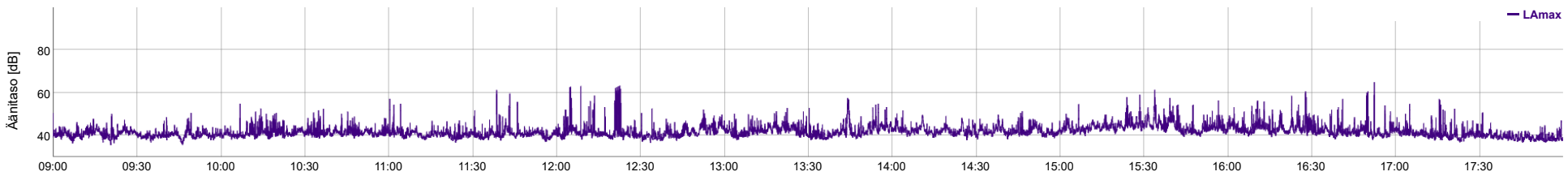
Spektrit



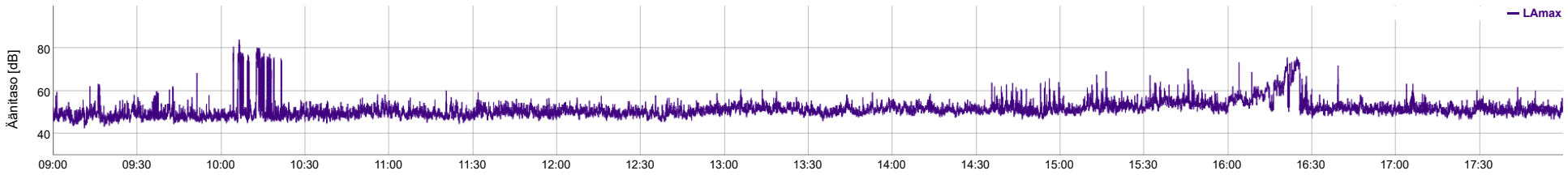
PS



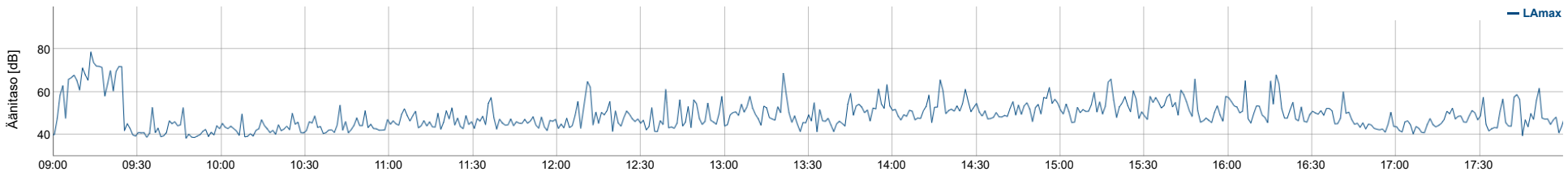
MP1



MP2



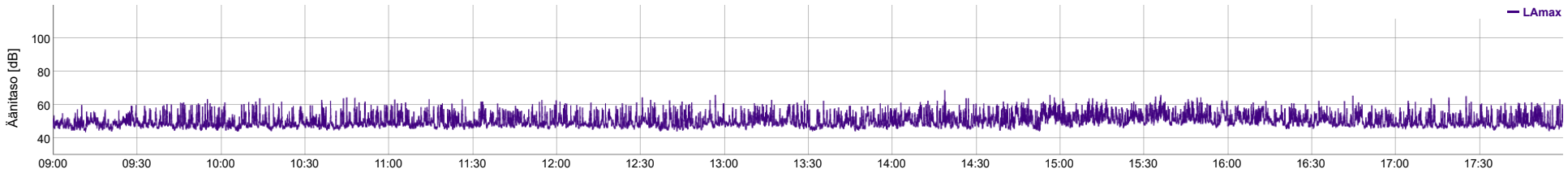
MP3



MP4



MP5



Säähavainnot

