

ALLEGATO 1 – RILIEVI FONOMETRICI

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## MODALITA' DI SVOLGIMENTO DELLE MISURE

### *RILIEVI FONOMETRICI PUNTUALI*

I rilievi fonometrici puntuali (19 punti di misura) sono stati eseguiti con le seguenti modalità:

- curva di ponderazione (A);
- costante di ponderazione temporale "Fast";
- acquisizione dei dati ogni 100ms.

I valori acquisiti durante l'analisi sono stati:

- Leq;
- Liv. Min.;
- Liv. Max;
- Livelli Statistici 99, 95, 90, 50,10, 5, 1;
- Analisi infrequenza in 1/3 d'ottava

### *RILIEVI FONOMETRICI: 24 ORE*

I rilievi fonometrici di 24 ore sono stati eseguiti con le seguenti modalità:

- curva di ponderazione (A);
- costante di ponderazione temporale "Fast";
- acquisizione dei dati ogni 1 s.
- durata 24 ore in continuo

I valori acquisiti durante l'analisi sono stati:

- Leq;
- Liv. Min.;
- Liv. Max;
- Livelli Statistici 99, 95, 90, 50,10, 5,1;
- Analisi infrequenza in 1/3 d'ottava
- Distribuzione Comulativa

Condizioni meteorologiche: Buone  
Velocità del Vento: Assenza di vento

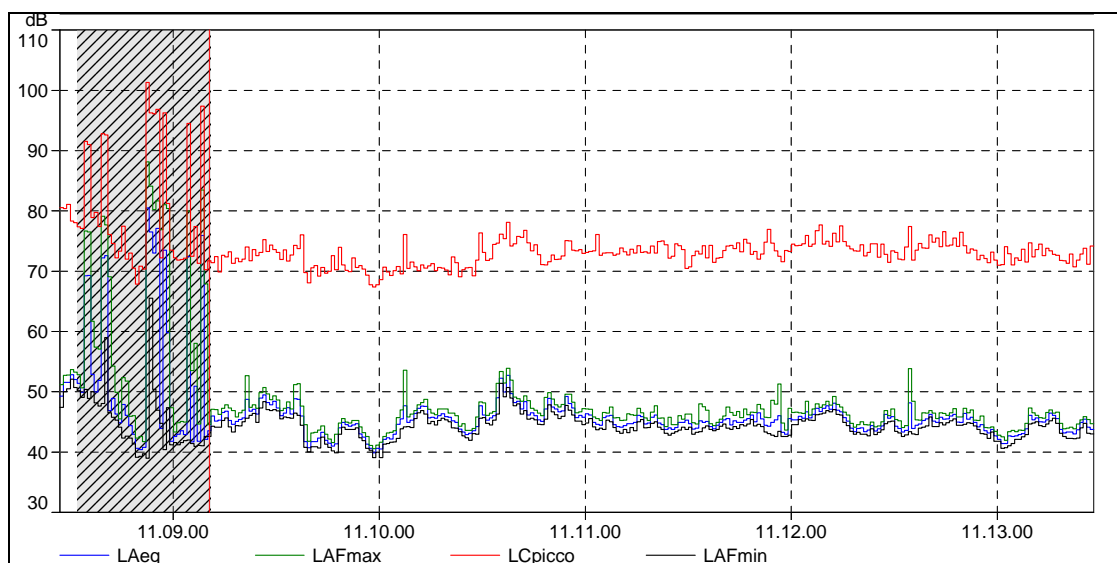
I livelli percentili possono essere utilizzati per la rappresentazione del livello sonoro presente nell'area oggetto dell'indagine; i percentili L99, L95 ed L90 permettono di descrivere il rumore di fondo mentre, il range tra L.95 e L.10 permette di evidenziare il clima acustico della zona ovvero la presenza di rumore a carattere fluttuante, tipico del rumore da traffico, oppure stazionario tipico del rumore degli impianti.

La posizione dei 19 rilievi di misura puntuali (punti da 1 a 19) e dei punti di misura di lunga durata (punti A e B), è illustrata nella Tavola 02 “Mappa dei descrittori acustici” e riportata nelle pagine seguenti.

## RILIEVI FONOMETRICI PUNTUALI

### PUNTO 1

Misure rilevate in corrispondenza di via Mascagni n.26 - zona residenziale e campi.

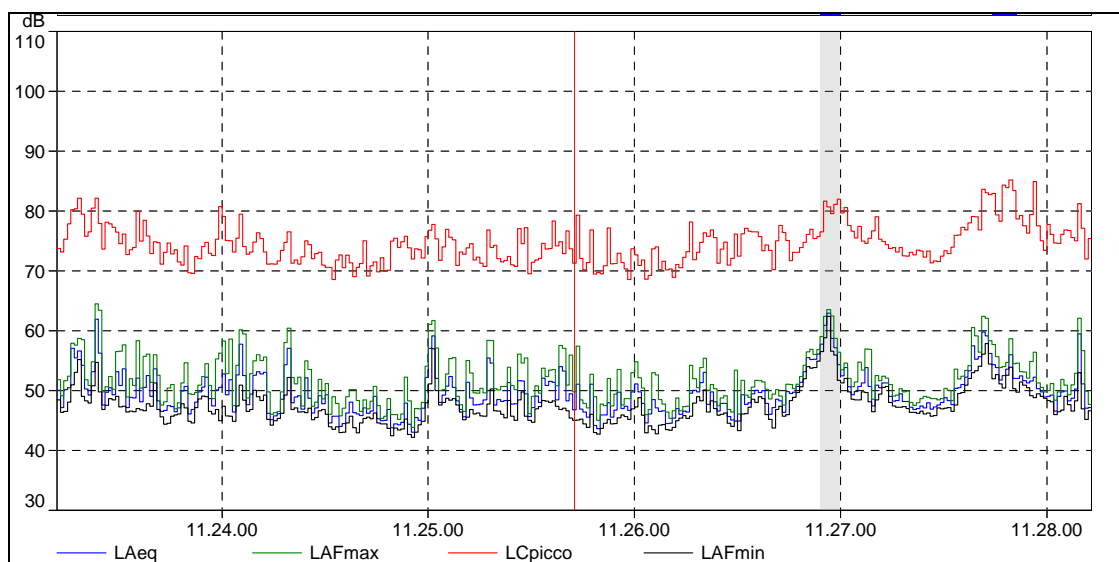


Escluso l'abbaiare di un cane all'inizio della misura

Nome	LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LAF1 [dB]	LAF5 [dB]	LAF10 [dB]	LAF50 [dB]	LAF90 [dB]	LAF95 [dB]	LAF99 [dB]
Punto 1	45,9	53,9	39,1	76,0	52,4	49,0	45,3	42,5	41,5	40,3

**PUNTO 2**

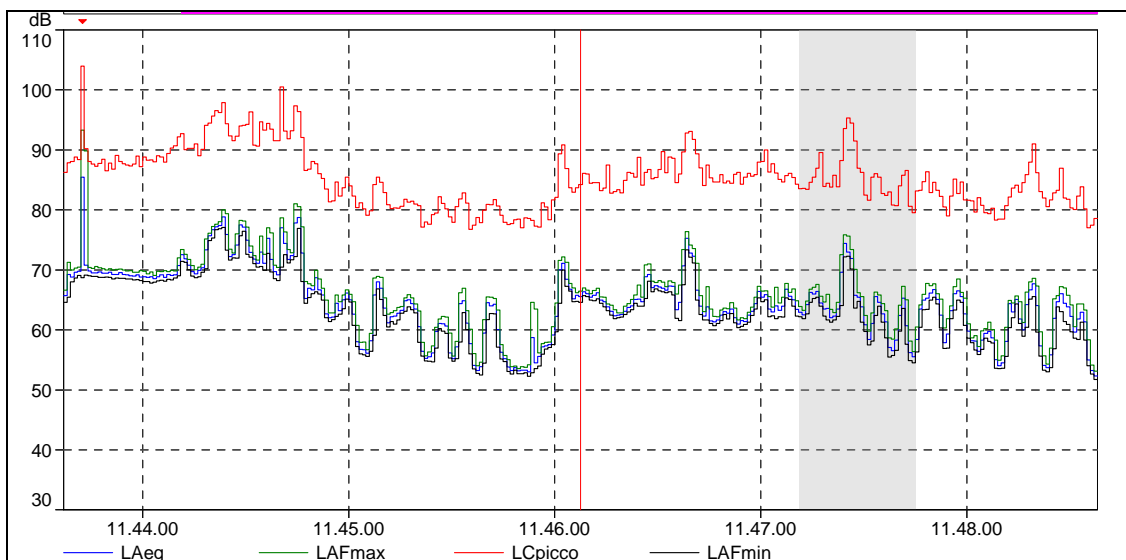
Misure rilevate in corrispondenza di via Mazzolari n 6 – zona residenziale.



Nome	LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LAF1 [dB]	LAF5 [dB]	LAF10 [dB]	LAF50 [dB]	LAF90 [dB]	LAF95 [dB]	LAF99 [dB]
Punto 2	51,5	64,5	42,2	60,0	57,0	54,5	49,1	45,8	44,9	44,0

**PUNTO 3**

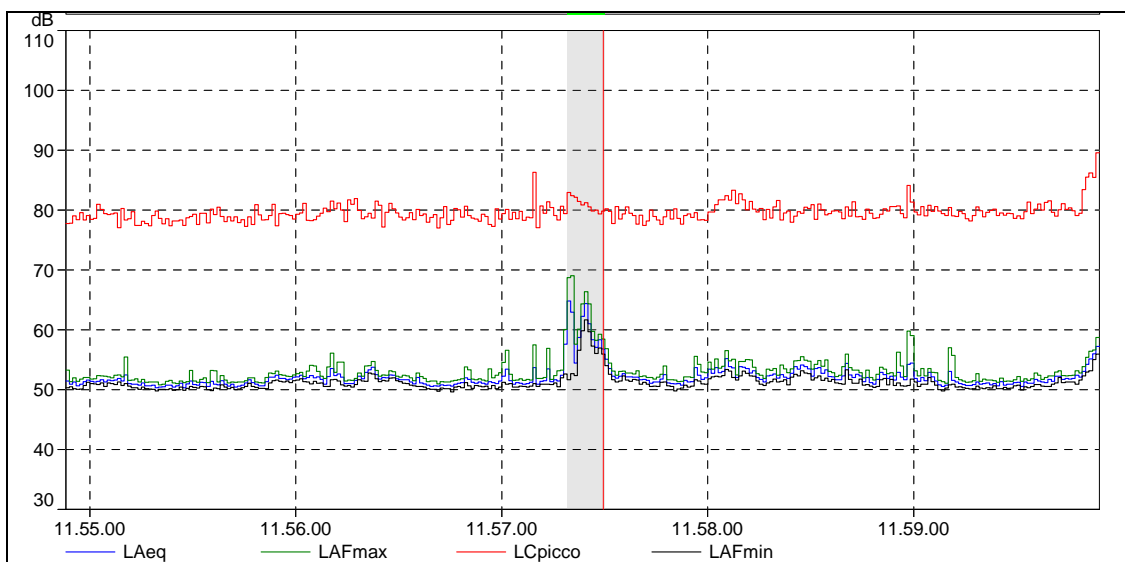
Misure rilevate in corrispondenza della SP 35, KM 4 - ingresso SILC.



Nome	L <sub>Aeq</sub> [dB]	L <sub>AFmax</sub> [dB]	L <sub>AFmin</sub> [dB]	L <sub>AF1</sub> [dB]	L <sub>AF5</sub> [dB]	L <sub>AF10</sub> [dB]	L <sub>AF50</sub> [dB]	L <sub>AF90</sub> [dB]	L <sub>AF95</sub> [dB]	L <sub>AF99</sub> [dB]
Totale	68,9	93,3	51,8	78,0	74,7	71,9	64,5	56,4	54,6	53,2

**PUNTO 4**

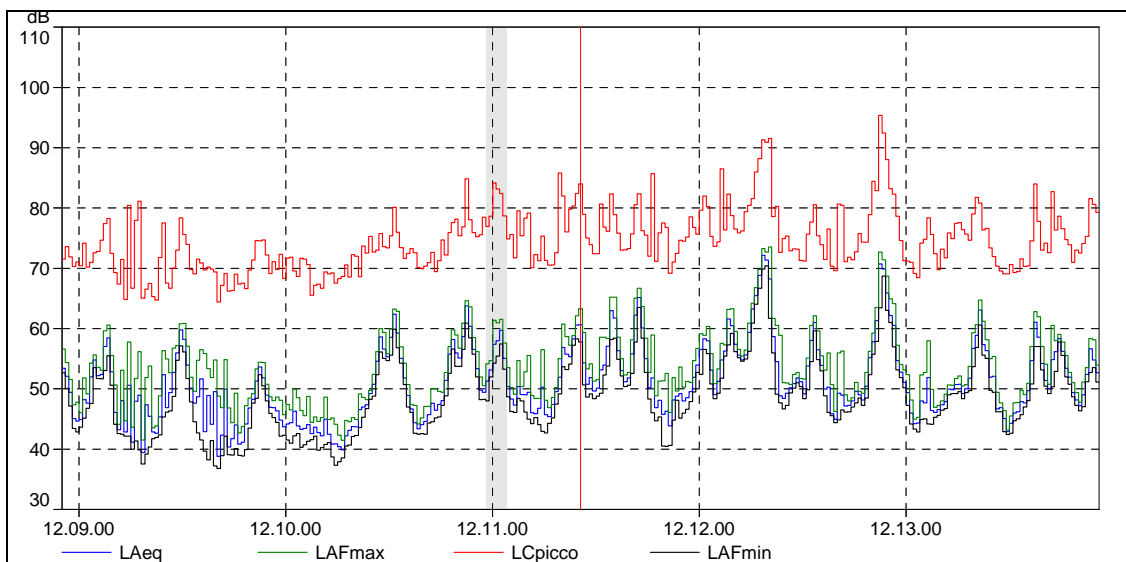
Misure rilevate nei campi in corrispondenza del retro dell'indirizzo SP 35, n 19 – zona industriale.



Nome	L <sub>Aeq</sub> [dB]	L <sub>AFmax</sub> [dB]	L <sub>AFmin</sub> [dB]	L <sub>AF1</sub> [dB]	L <sub>AF5</sub> [dB]	L <sub>AF10</sub> [dB]	L <sub>AF50</sub> [dB]	L <sub>AF90</sub> [dB]	L <sub>AF95</sub> [dB]	L <sub>AF99</sub> [dB]
Totale	53,0	69,0	49,6	62,5	55,3	53,7	51,7	50,5	50,2	50,0

**PUNTO 5**

Misure rilevate in corrispondenza di via Stradivari n.1 – scuola media.

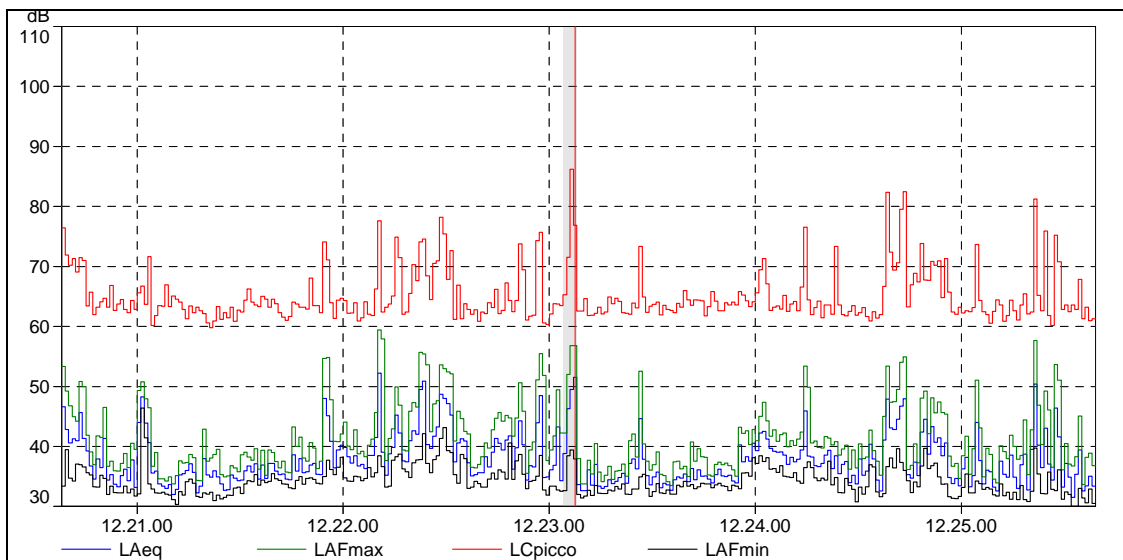


Nome	L <sub>Aeq</sub> [dB]	L <sub>AFmax</sub> [dB]	L <sub>AFmin</sub> [dB]	L <sub>AF1</sub> [dB]	L <sub>AF5</sub> [dB]	L <sub>AF10</sub> [dB]	L <sub>AF50</sub> [dB]	L <sub>AF90</sub> [dB]	L <sub>AF95</sub> [dB]	L <sub>AF99</sub> [dB]
Punto 5	57,0	73,6	36,8	70,0	62,3	59,2	50,0	43,7	42,4	40,0



**PUNTO 6**

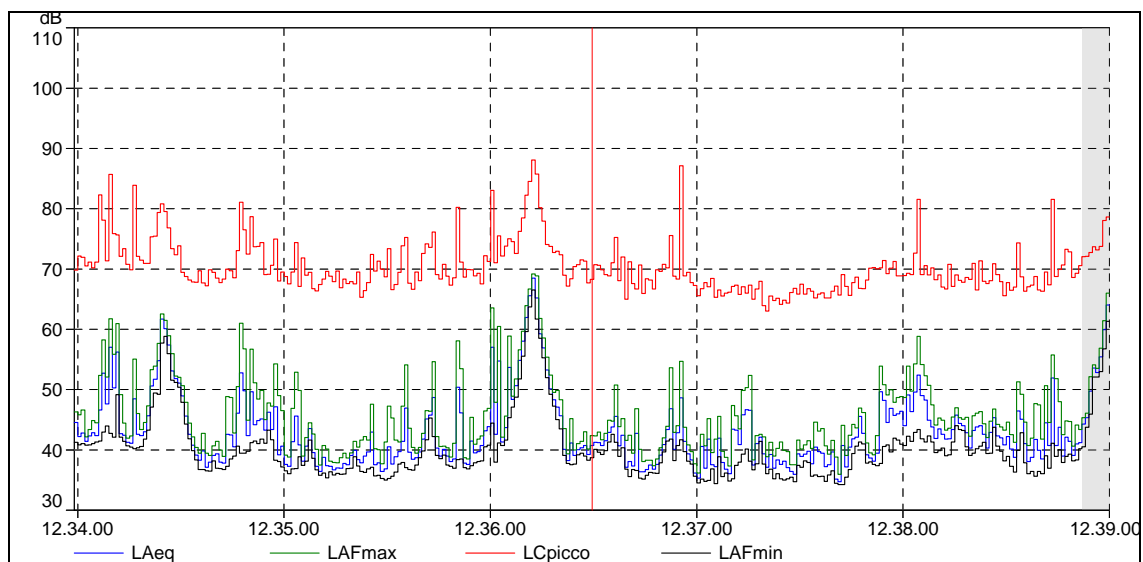
Misure rilevate in corrispondenza di via Manzoni n.31.



Nome	L <sub>Aeq</sub> [dB]	L <sub>AFmax</sub> [dB]	L <sub>AFmin</sub> [dB]	L <sub>AF1</sub> [dB]	L <sub>AF5</sub> [dB]	L <sub>AF10</sub> [dB]	L <sub>AF50</sub> [dB]	L <sub>AF90</sub> [dB]	L <sub>AF95</sub> [dB]	L <sub>AF99</sub> [dB]
Punto 6	40,5	59,4	29,9	50,5	46,7	43,8	36,8	33,5	33,0	32,1

**PUNTO 7**

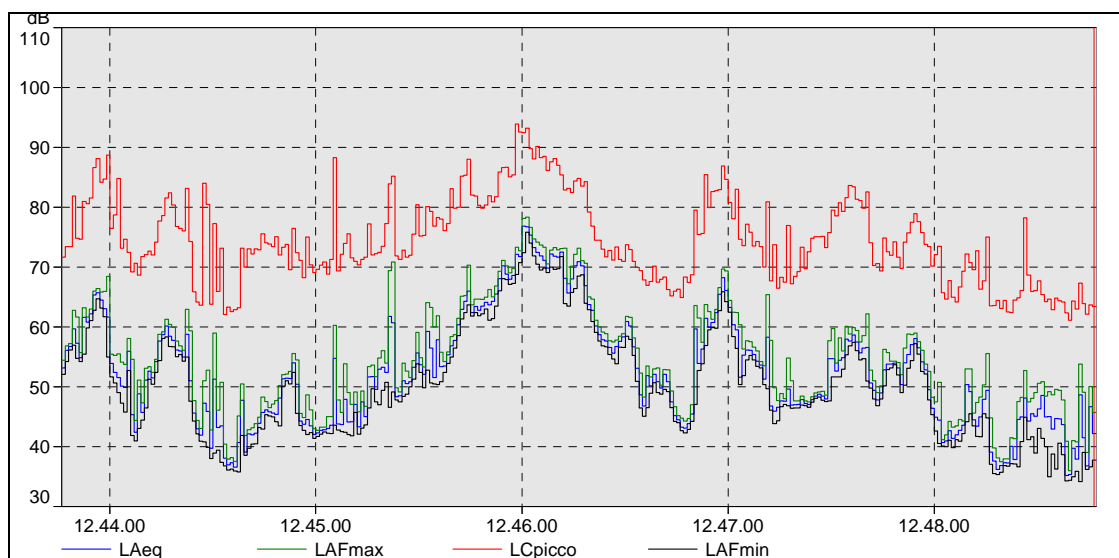
Misure rilevate in corrispondenza di via Ca' Noa lato opposto al civico n.5 - circolo oratorio parrocchiale S. Giovanni Bosco – zona residenziale.



Nome	LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LAF1 [dB]	LAF5 [dB]	LAF10 [dB]	LAF50 [dB]	LAF90 [dB]	LAF95 [dB]	LAF99 [dB]
Punto 7	50,6	69,2	34,3	65,0	56,0	51,2	41,6	37,3	36,7	35,7

**PUNTO 8**

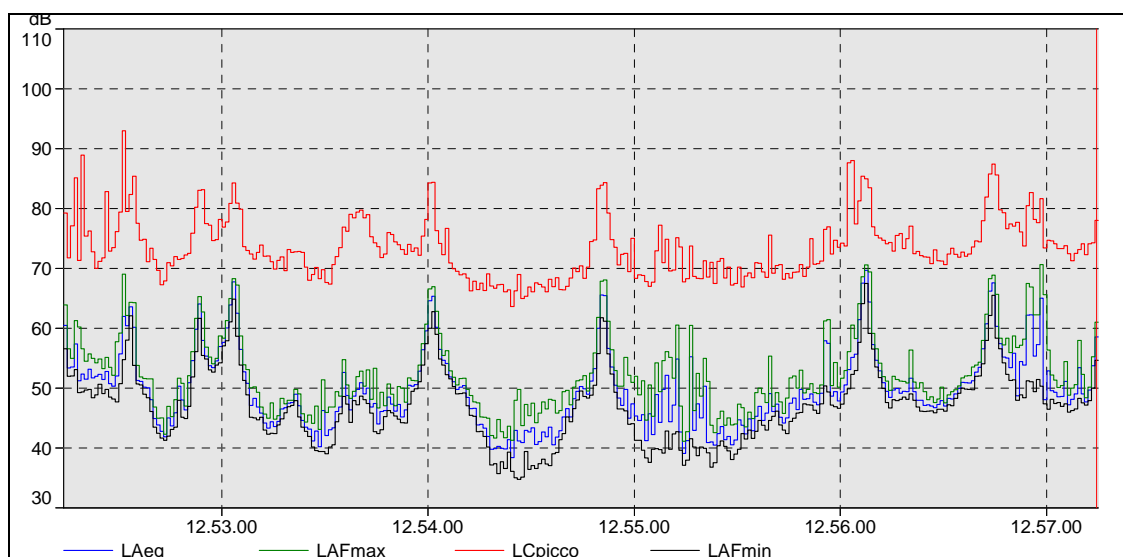
Misure rilevate in corrispondenza della piazza della Chiesa – Chiesa Prepositurale Sant’Agata



Nome	LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LAF1 [dB]	LAF5 [dB]	LAF10 [dB]	LAF50 [dB]	LAF90 [dB]	LAF95 [dB]	LAF99 [dB]
Punto 8	62,4	78,4	34,1	74,0	70,5	65,5	51,7	42,3	39,3	36,2

**PUNTO 9**

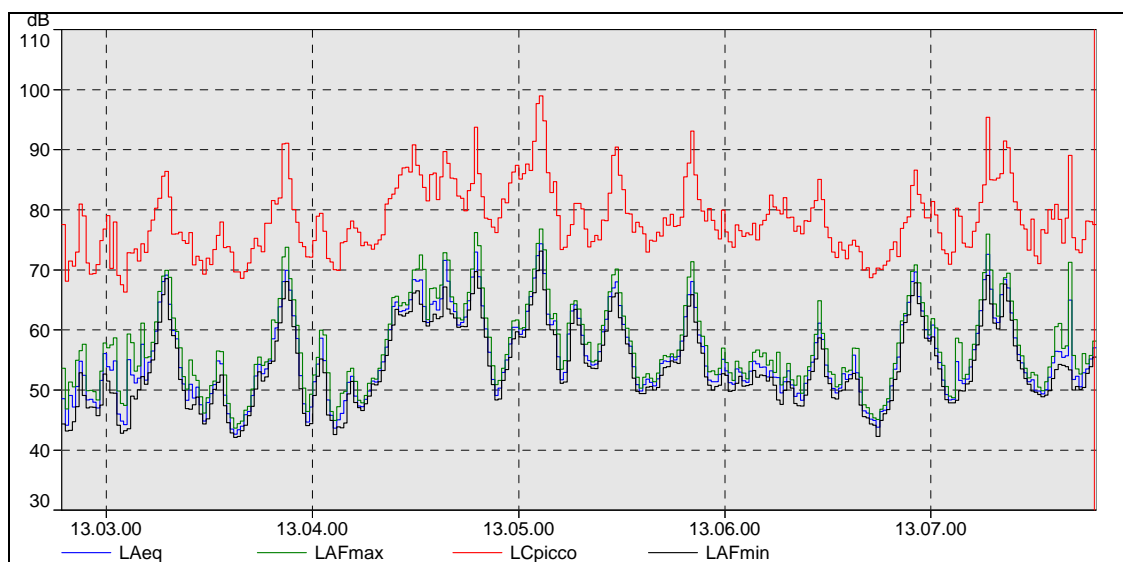
Misure rilevate in corrispondenza di via Marconi lato opposto al civico n. 20 – zona residenziale.



Nome	LAeq [dB]	LAFma x [dB]	LAFmin [dB]	LAF1 [dB]	LAF5 [dB]	LAF10 [dB]	LAF50 [dB]	LAF90 [dB]	LAF95 [dB]	LAF99 [dB]
Punto 9	55,5	70,6	34,8	67,3	62,7	58,0	48,8	42,2	41,1	39,4

**PUNTO 10**

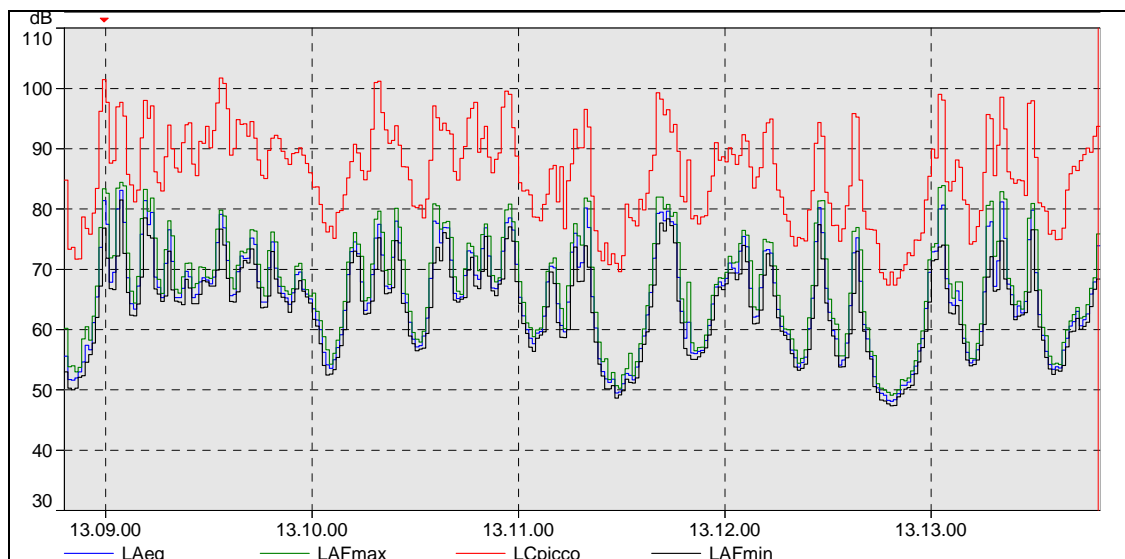
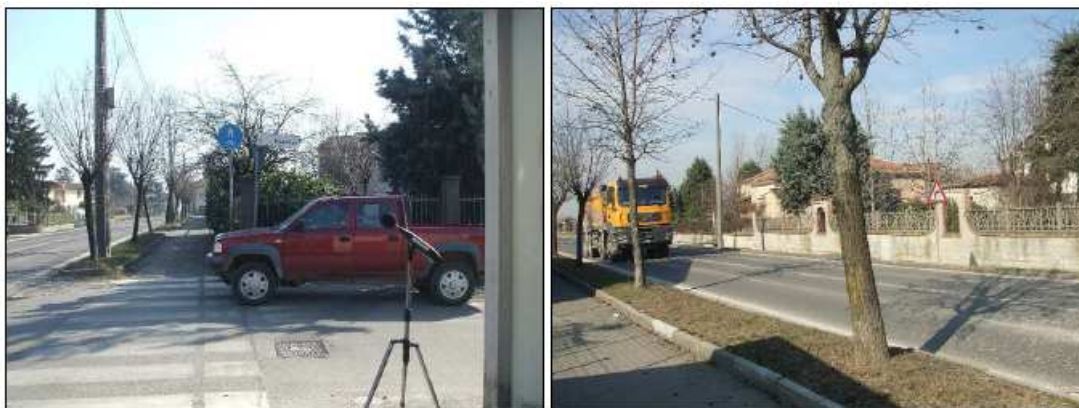
Misure rilevate in corrispondenza di via Marconi n. 31 – zona residenziale.



Nome	LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LAF1 [dB]	LAF5 [dB]	LAF10 [dB]	LAF50 [dB]	LAF90 [dB]	LAF95 [dB]	LAF99 [dB]
Punto 10	61,4	76,8	42,1	72,3	68,5	65,6	54,2	47,7	45,6	43,4

**PUNTO 11**

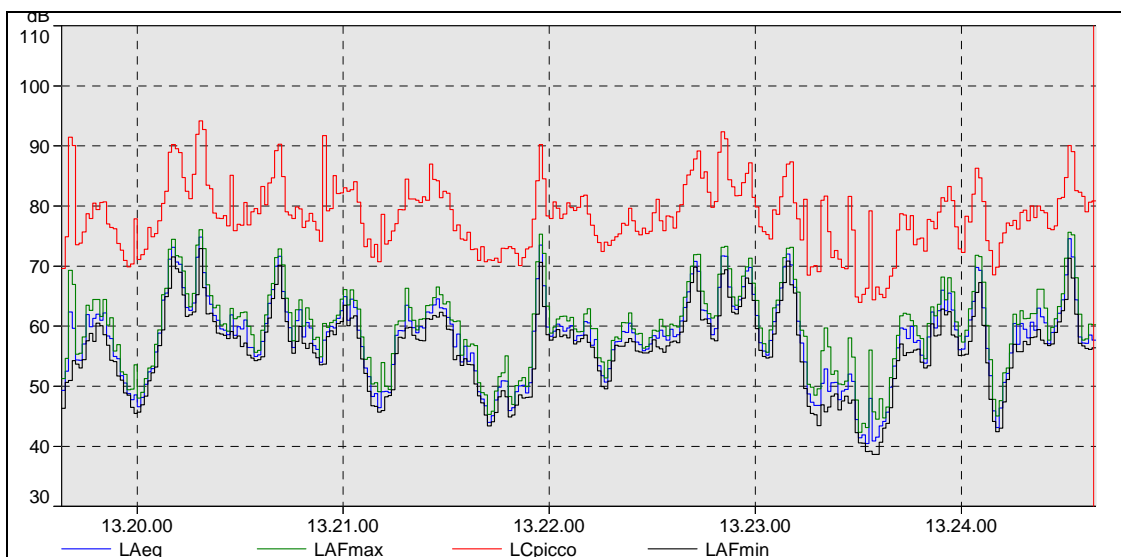
Misure rilevate in corrispondenza di via Marconi, angolo statale SP2 – zona residenziale.



Nome	LAeq [dB]	LAFma x [dB]	LAFmin [dB]	LAF1 [dB]	LAF5 [dB]	LAF10 [dB]	LAF50 [dB]	LAF90 [dB]	LAF95 [dB]	LAF99 [dB]
Punto 11	71,8	84,4	47,4	81,3	79,0	76,9	65,7	53,7	51,5	49,0

**PUNTO 12**

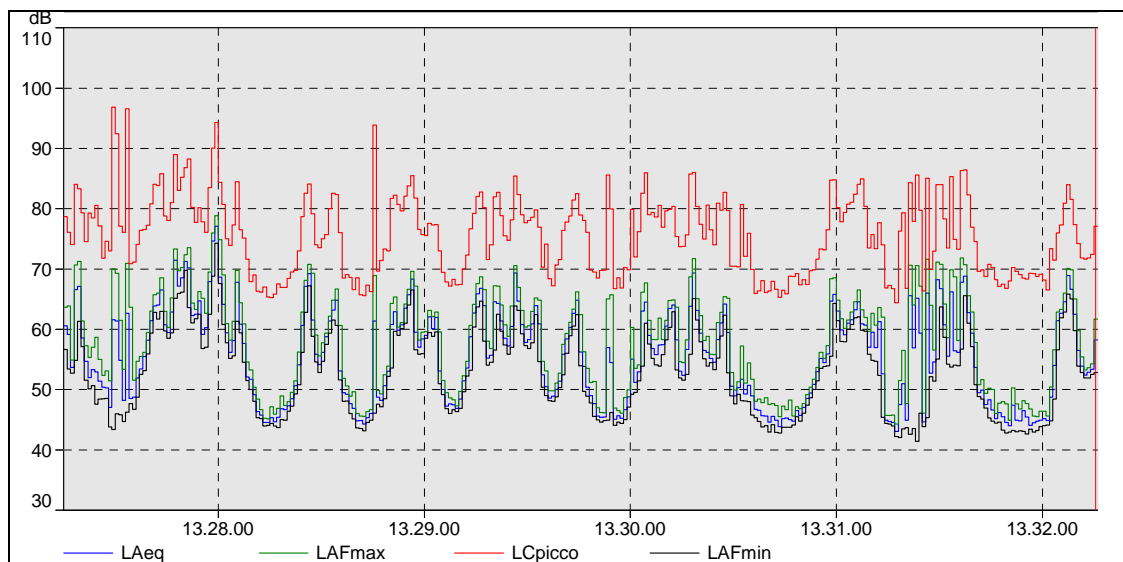
Misure rilevate in corrispondenza di via Matteotti n. 2, angolo statale SP2.



Nome	LAeq [dB]	LAFma x [dB]	LAFmin [dB]	LAF1 [dB]	LAF5 [dB]	LAF10 [dB]	LAF50 [dB]	LAF90 [dB]	LAF95 [dB]	LAF99 [dB]
Punto 12	63,0	76,1	38,6	73,5	70,0	66,5	58,8	48,4	46,2	41,3

**PUNTO 13**

Misure rilevate in corrispondenza di via Desgioi, angolo via Bottesini (angolo statale SP2).

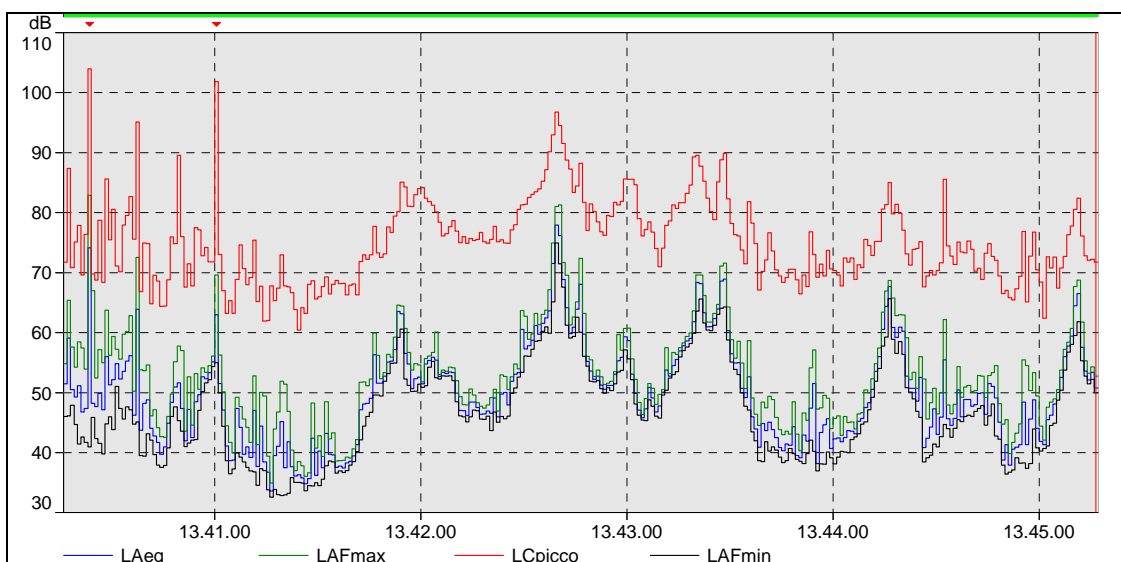


Nome	L <sub>Aeq</sub> [dB]	L <sub>AFmax</sub> [dB]	L <sub>AFmin</sub> [dB]	L <sub>AF1</sub> [dB]	L <sub>AF5</sub> [dB]	L <sub>AF10</sub> [dB]	L <sub>AF50</sub> [dB]	L <sub>AF90</sub> [dB]	L <sub>AF95</sub> [dB]	L <sub>AF99</sub> [dB]
Punto 13	61,7	78,8	41,4	71,5	67,8	65,4	55,5	45,2	44,6	44,0



**PUNTO 14**

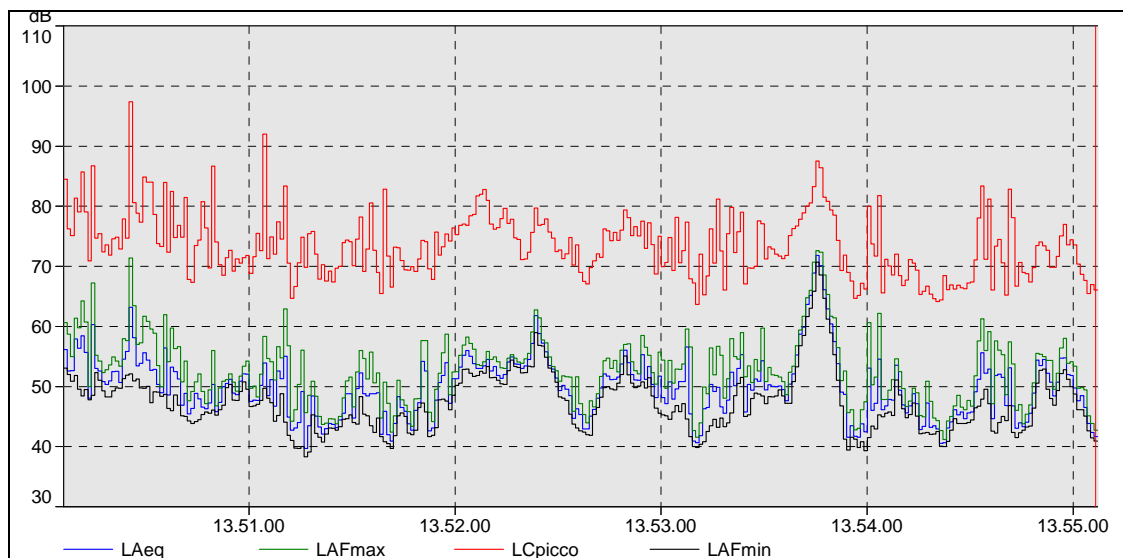
Misure rilevate in corrispondenza di via Alzeni n.30 – centro storico.



Nome	LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LAF1 [dB]	LAF5 [dB]	LAF10 [dB]	LAF50 [dB]	LAF90 [dB]	LAF95 [dB]	LAF99 [dB]
Punto 14	59,7	82,9	32,6	72,0	64,0	60,9	49,2	39,8	37,9	35,5

**PUNTO 15**

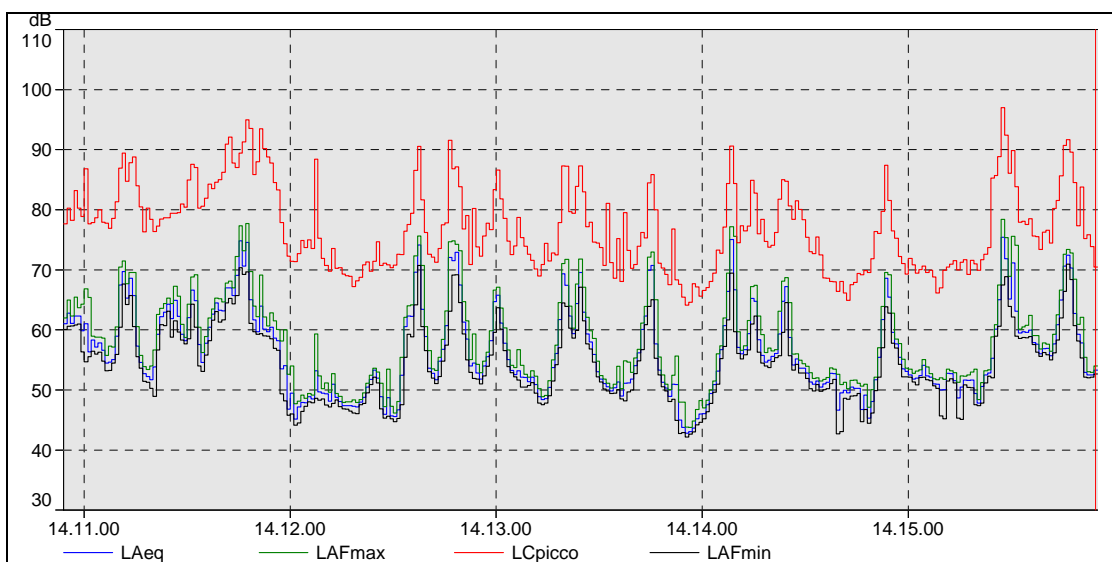
Misure rilevate in corrispondenza di via Mulino n. 10 – zona residenziale.



Nome	LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LAF1 [dB]	LAF5 [dB]	LAF10 [dB]	LAF50 [dB]	LAF90 [dB]	LAF95 [dB]	LAF99 [dB]
Punto 15	54,8	72,6	38,3	67,0	58,2	55,6	49,9	43,3	42,3	40,4

**PUNTO 16**

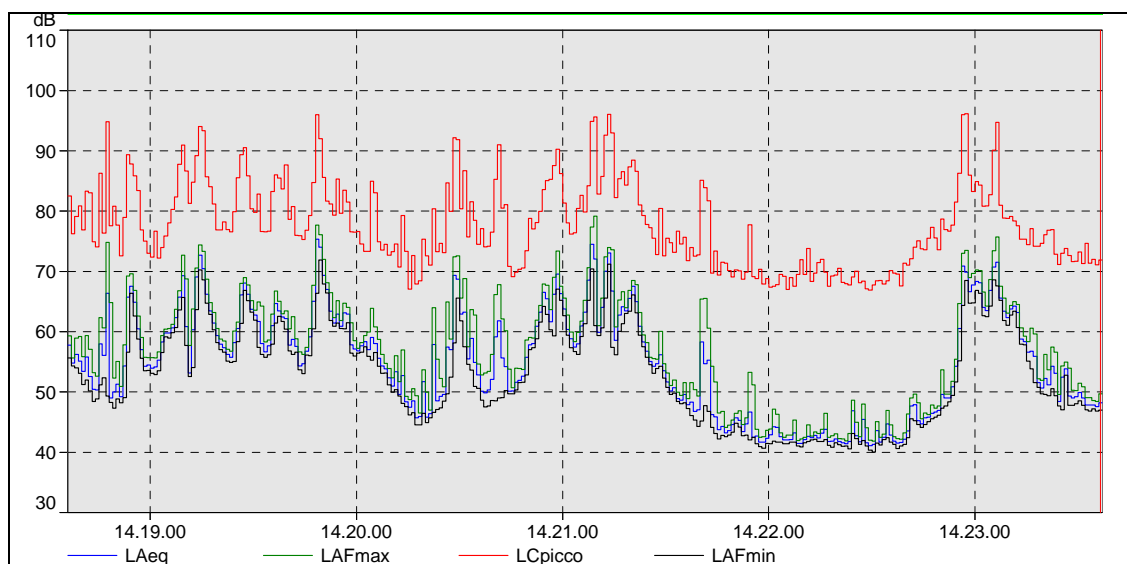
Misure rilevate in corrispondenza di via Europa, di fronte al cimitero – zona residenziale.



Nome	LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LAF1 [dB]	LAF5 [dB]	LAF10 [dB]	LAF50 [dB]	LAF90 [dB]	LAF95 [dB]	LAF99 [dB]
Punto 16	62,9	78,4	42,2	74,7	70,0	66,6	54,9	48,2	46,7	43,7

**PUNTO 17**

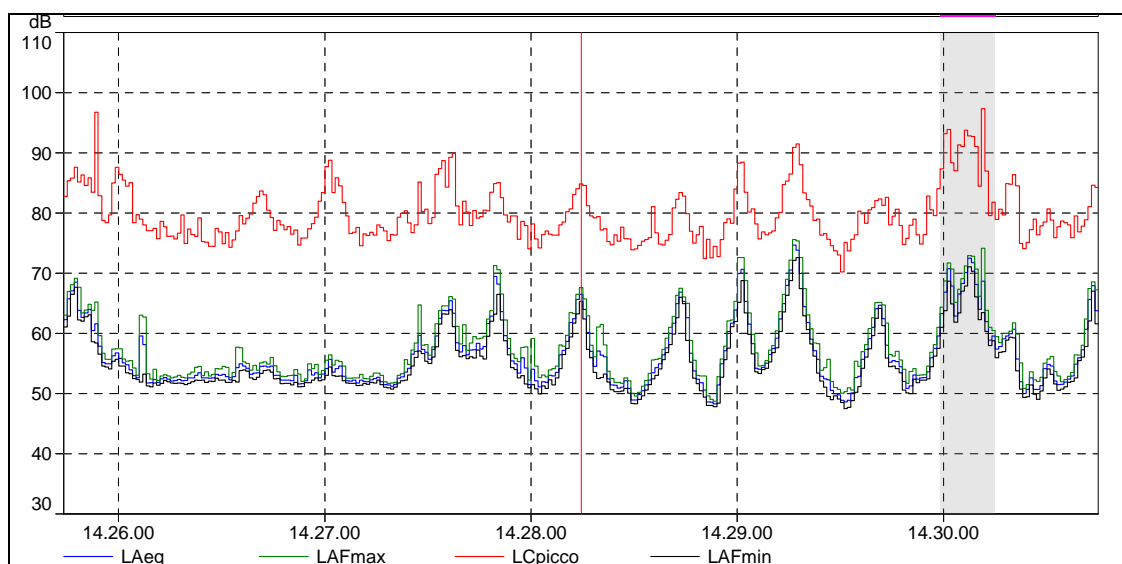
Misure rilevate in corrispondenza di via Europa angolo via Mons. Zavaglio.



Nome	LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LAF1 [dB]	LAF5 [dB]	LAF10 [dB]	LAF50 [dB]	LAF90 [dB]	LAF95 [dB]	LAF99 [dB]
Punto 17	62,3	79,2	40,1	74,0	69,3	66,5	54,9	42,7	41,8	41,2

**PUNTO 18**

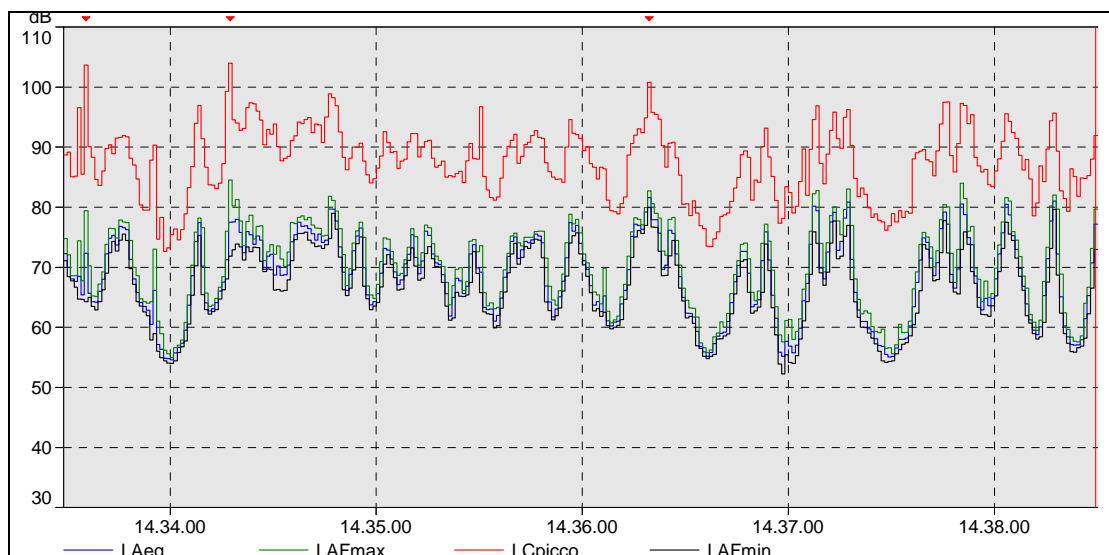
Misure rilevate in corrispondenza di via Europa n. 4, colorificio Cavalletti, di fronte magazzini generali SILC.



Nome	LAeq [dB]	LAFma x [dB]	LAFmin [dB]	LAF1 [dB]	LAF5 [dB]	LAF10 [dB]	LAF50 [dB]	LAF90 [dB]	LAF95 [dB]	LAF99 [dB]
Punto 18	61,3	75,6	47,5	72,0	68,2	65,0	54,7	51,3	50,4	48,4

**PUNTO 19**

Misure rilevate in corrispondenza della SP2 n.12, angolo via Mons. Bavaglio – attività commerciali.



Nome	LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LAF1 [dB]	LAF5 [dB]	LAF10 [dB]	LAF50 [dB]	LAF90 [dB]	LAF95 [dB]	LAF99 [dB]
Punto 19	72,6	84,6	52,2	80,7	78,0	76,9	68,8	58,0	56,3	55,0

Di seguito è riportata la tabella riassuntiva dei rilievi fonometrici puntuali, arrotondati a 0,5 dB(A).

Localizzazione	Punto di misura	LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LAF1 [dB]	LAF5 [dB]	LAF10 [dB]	LAF50 [dB]	LAF90 [dB]	LAF95 [dB]
via Mascagni n.26	1	46,0	54,0	39,0	76,0	52,5	49,0	45,5	42,5	41,5
via Mazzolari n 6	2	51,5	64,5	42,0	60,0	57,0	54,5	49,0	46,0	45,0
SP 35, KM 4 - ingresso SILC	3	69,0	93,5	52,0	78,0	74,5	72,0	64,5	56,5	54,5
SP 35, n 19 – zona industriale	4	53,0	69,0	49,5	62,5	55,5	53,5	51,5	50,5	50,0
via Stradivari n.1 – scuola	5	57,0	73,5	37,0	70,0	62,5	59,0	50,0	43,5	42,5
via Manzoni n.31	6	40,5	59,5	30,0	50,5	46,5	44,0	37,0	33,5	33,0
via Ca' Noa - oratorio	7	50,5	69,0	34,5	65,0	56,0	51,0	41,5	37,5	36,5
piazza della Chiesa	8	62,5	78,5	34,0	74,0	70,5	65,5	51,5	42,5	39,5
via Marconi n. 20	9	55,5	70,5	35,0	67,5	62,5	58,0	49,0	42,0	41,0
via Marconi n. 31	10	61,5	77,0	42,0	72,5	68,5	65,5	54,0	47,5	45,5
via Marconi, angolo statale SP2	11	72,0	84,5	47,5	81,5	79,0	77,0	65,5	53,5	51,5
via Matteotti n. 2, angolo statale SP2	12	63,0	76,0	38,5	73,5	70,0	66,5	59,0	48,5	46,0
via Desgiov, angolo via Bottesini	13	61,5	79,0	41,5	71,5	68,0	65,5	55,5	45,0	44,5
via Alzeni n.30	14	59,5	83,0	32,5	72,0	64,0	61,0	49,0	40,0	38,0
via Mulino n. 10	15	55,0	72,5	38,5	67,0	58,0	55,5	50,0	43,5	42,5
via Europa, di fronte al cimitero	16	63,0	78,5	42,0	74,5	70,0	66,5	55,0	48,0	46,5
via Europa angolo via Mons. Zavaglio	17	62,5	79,0	40,0	74,0	69,5	66,5	55,0	42,5	42,0
via Europa n. 4	18	61,5	75,5	47,5	72,0	68,0	65,0	54,5	51,5	50,5
SP2 n.12, angolo via Mons. Zavaglio	19	72,5	84,5	52,0	80,5	78,0	77,0	69,0	58,0	56,5

Tabella 1 - Tabella rilievi fonometrici puntuali arrotondati a 0,5 dB(A)

## RILIEVI FONOMETRICI DI 24 ORE

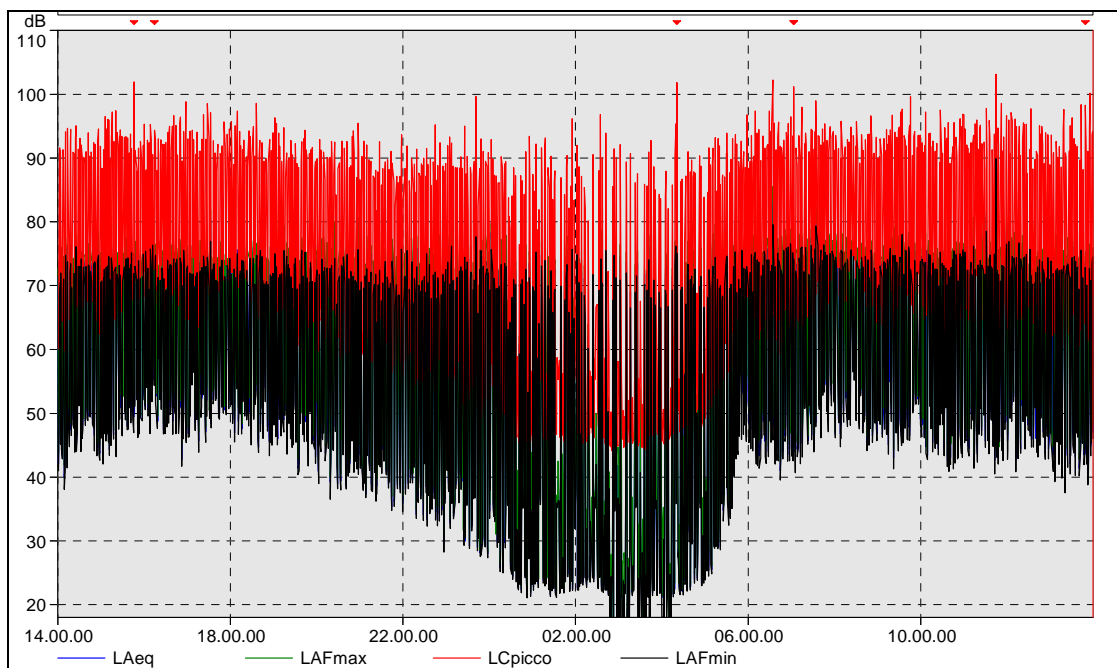
Si riportano di seguito i grafici relativi ai due rilievi fonometrici (punti A e B) di lunga durata (24 ore). Nel punto A (Sig. Ventura) il fonometro è stato posizionato lungo la SP 2, nel punto B (Sig. Pagani) il fonometro è stato posizionato lungo la SP 45. I punti di misura sono indicati nella Tavola N°2 “Mappa dei descrittori acustici” allegata.

Per ciascuno dei due punti di misura sono riportati i seguenti grafici:

- il grafico relativo all’andamento del rumore sulle 24 ore
- i grafici dei periodi diurno (06:00 - 22:00) e notturno (22:00 – 06:00)
- i grafici relativi ai descrittori acustici:
  - $L_{\text{day}}$  (06:00 - 20:00)
  - $L_{\text{evening}}$  (20:00 - 22:00)
  - $L_{\text{night}}$  (22:00 – 06:00)
- i grafici dei livelli sonori suddivisi per fasce orarie

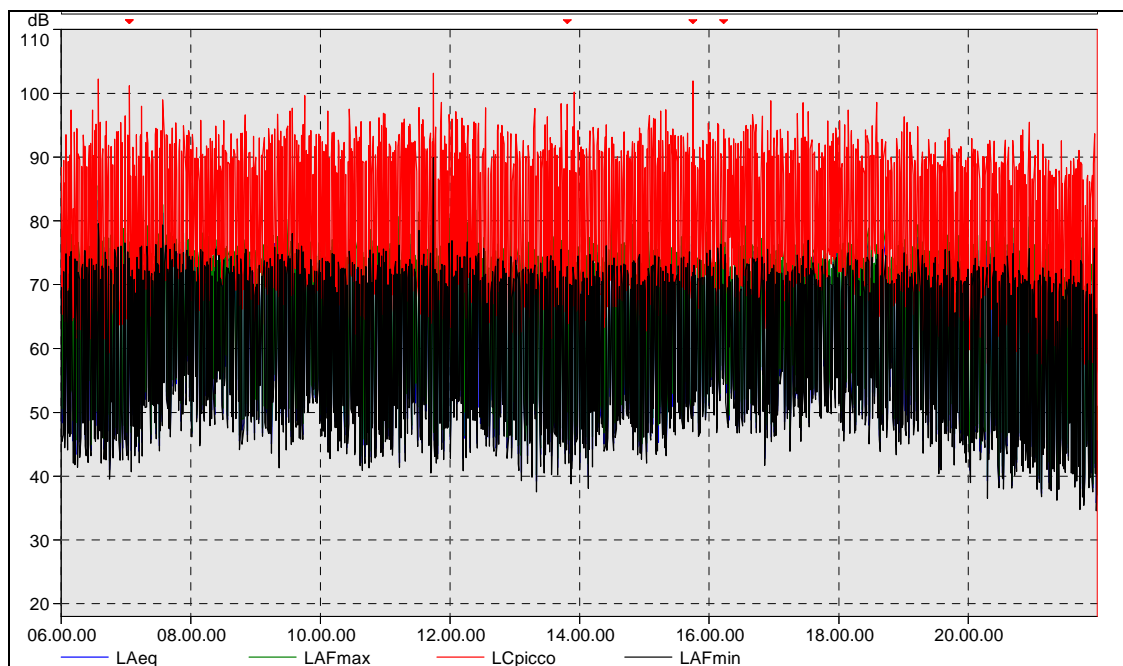


**PUNTO DI MISURA A (Sig. Ventura)**  
**GRAFICO RELATIVO ALL'ANDAMENTO DEL RUMORE SULLE 24H**

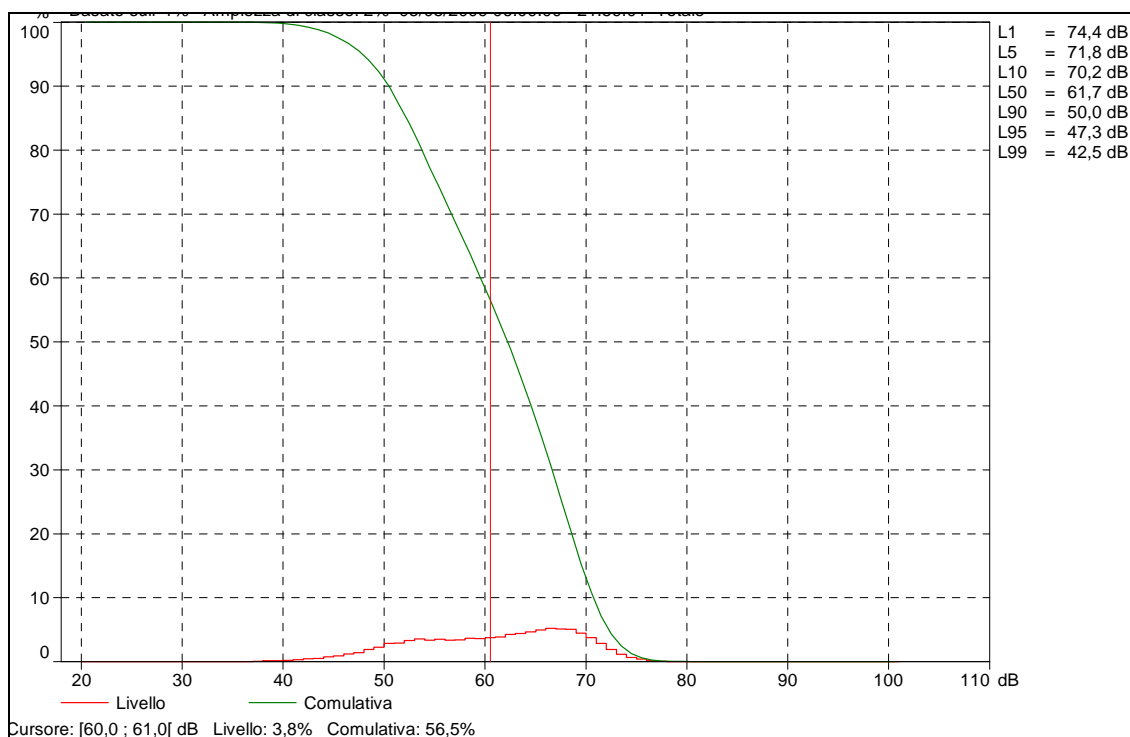


<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
64,5	92,9	< 20,0	74,0	71,1	69,4	56,7	28,5	24,4	21,5

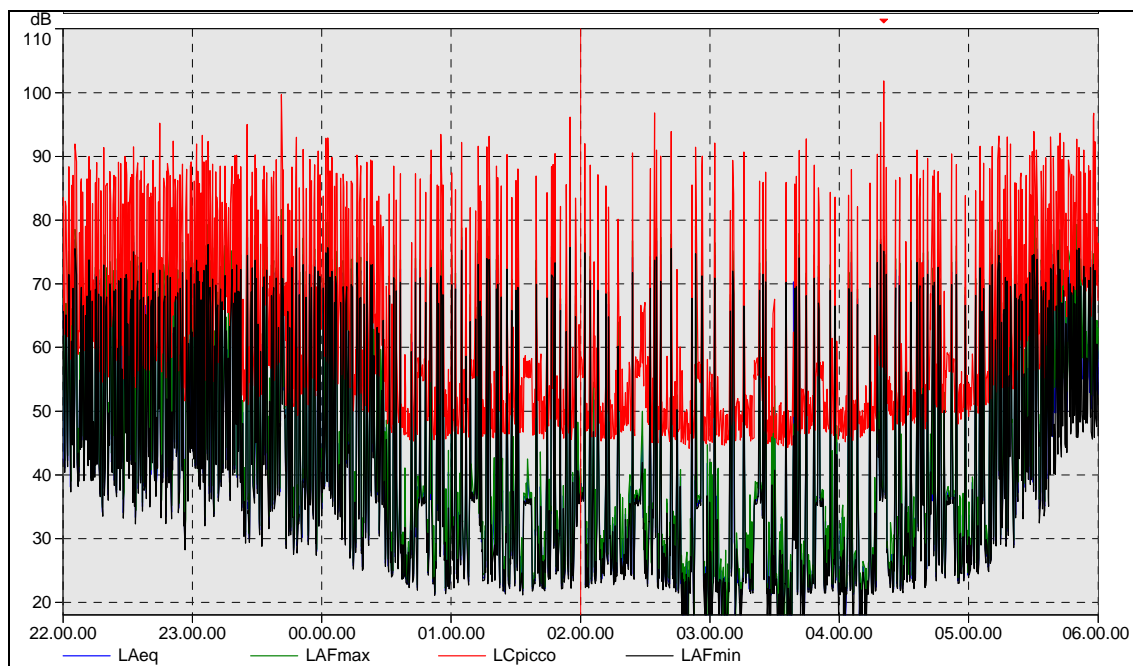
**GRAFICO RELATIVO AL PERIODO DIURNO (06:00 – 22:00)**



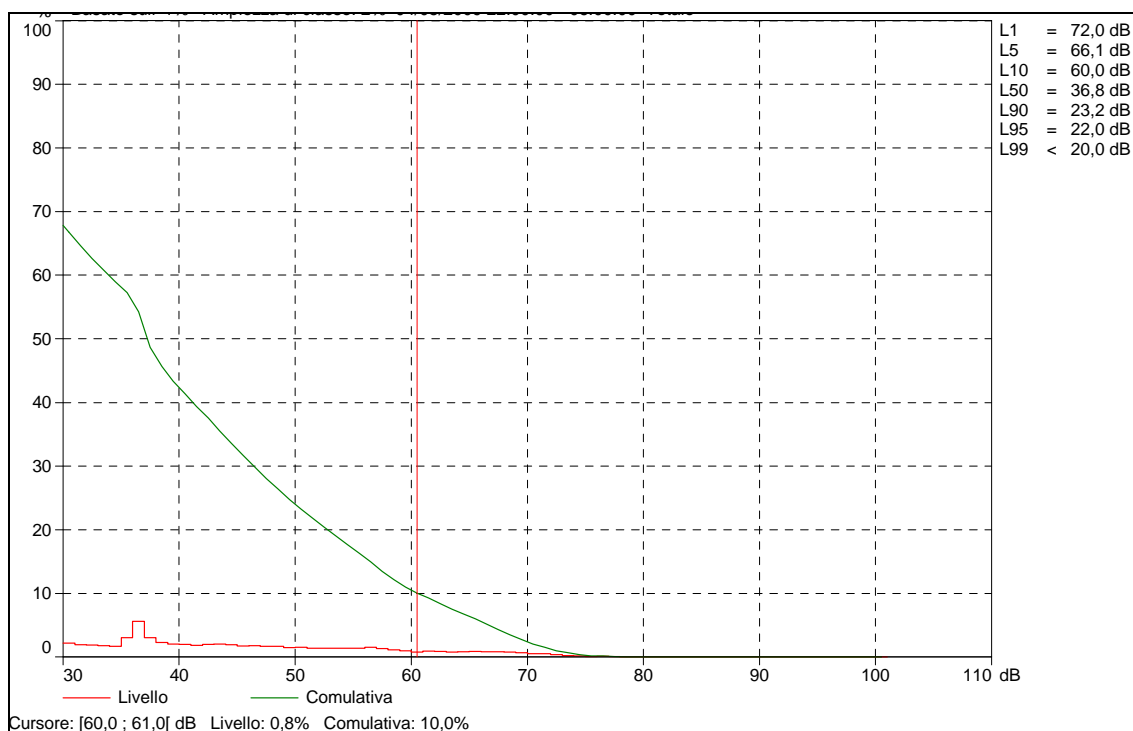
LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LA1 [dB]	LA5 [dB]	LA10 [dB]	LA50 [dB]	LA90 [dB]	LA95 [dB]	LA99 [dB]
65,9	92,9	34,5	74,4	71,8	70,2	61,7	50,0	47,3	42,5



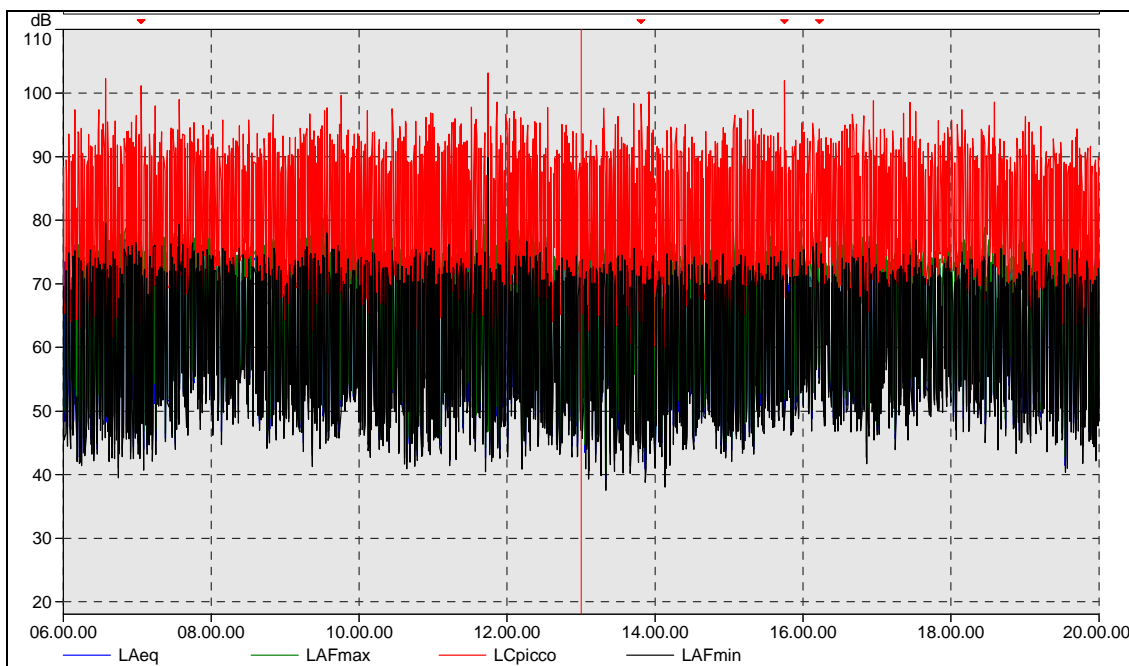
**GRAFICO RELATIVO AL PERIODO NOTTURNO (22:00 – 06:00)**



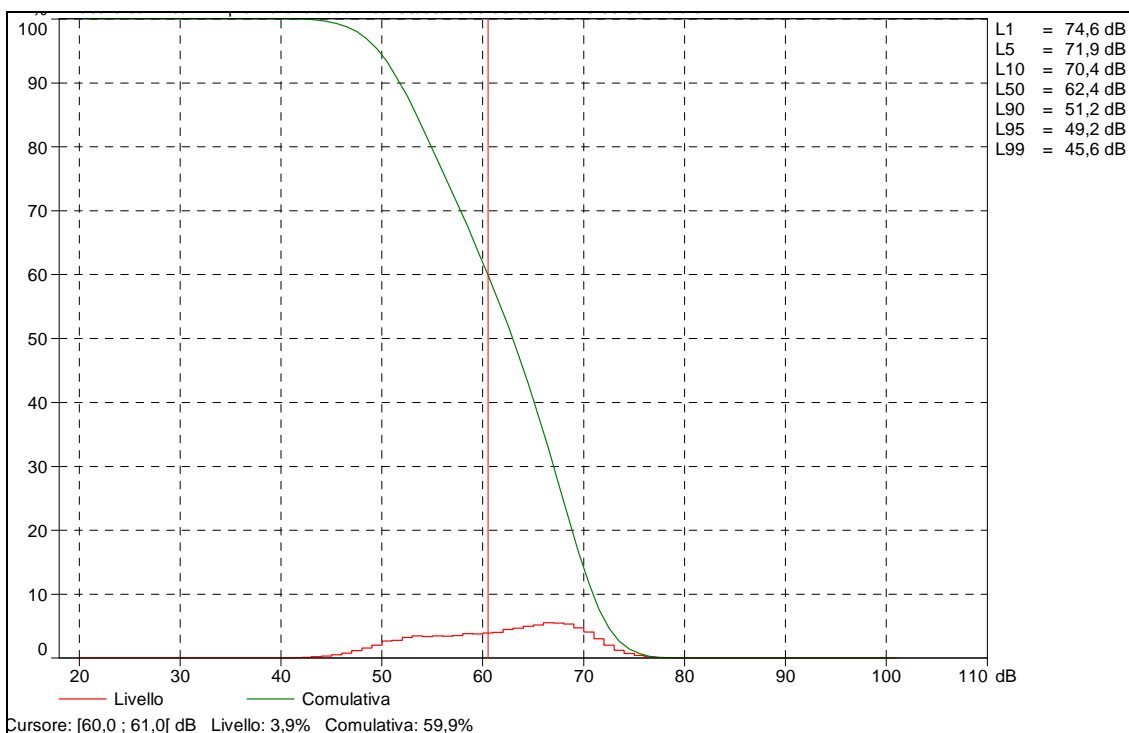
LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LA1 [dB]	LA5 [dB]	LA10 [dB]	LA50 [dB]	LA90 [dB]	LA95 [dB]	LA99 [dB]
58,8	81,7	< 20,0	72,0	66,1	60,0	36,8	23,2	22,0	< 20,0



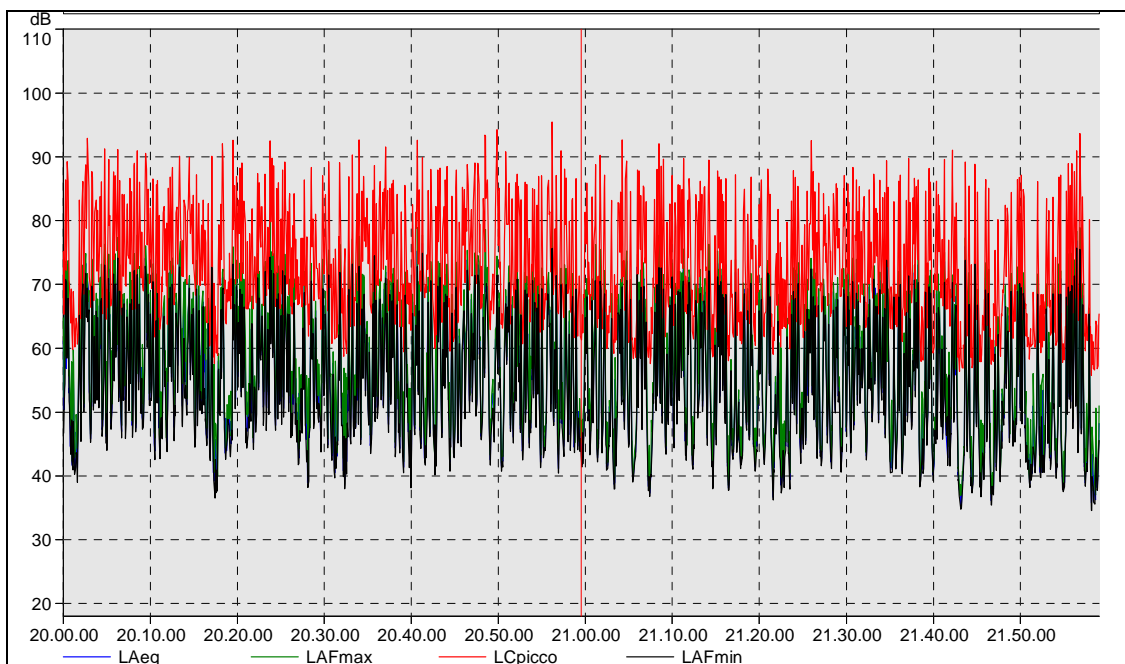
**GRAFICO RELATIVO AL PERIODO DAY (06:00 – 20:00)**



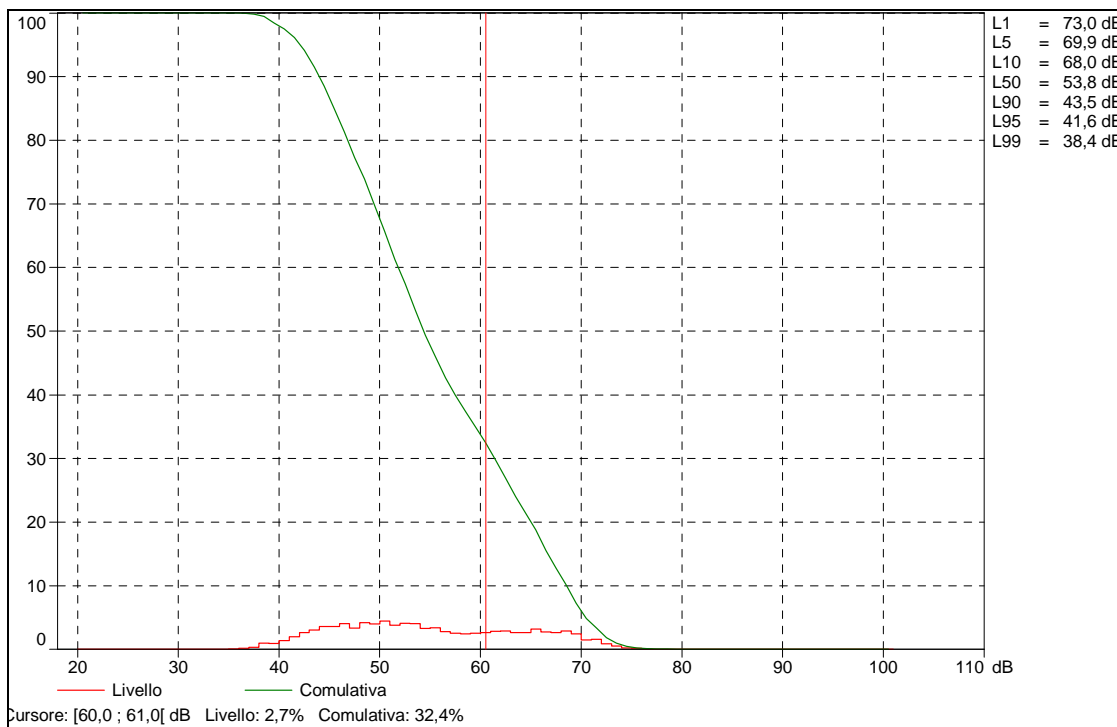
LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LA1 [dB]	LA5 [dB]	LA10 [dB]	LA50 [dB]	LA90 [dB]	LA95 [dB]	LA99 [dB]
66,2	92,9	37,5	74,6	71,9	70,4	62,4	51,2	49,2	45,6



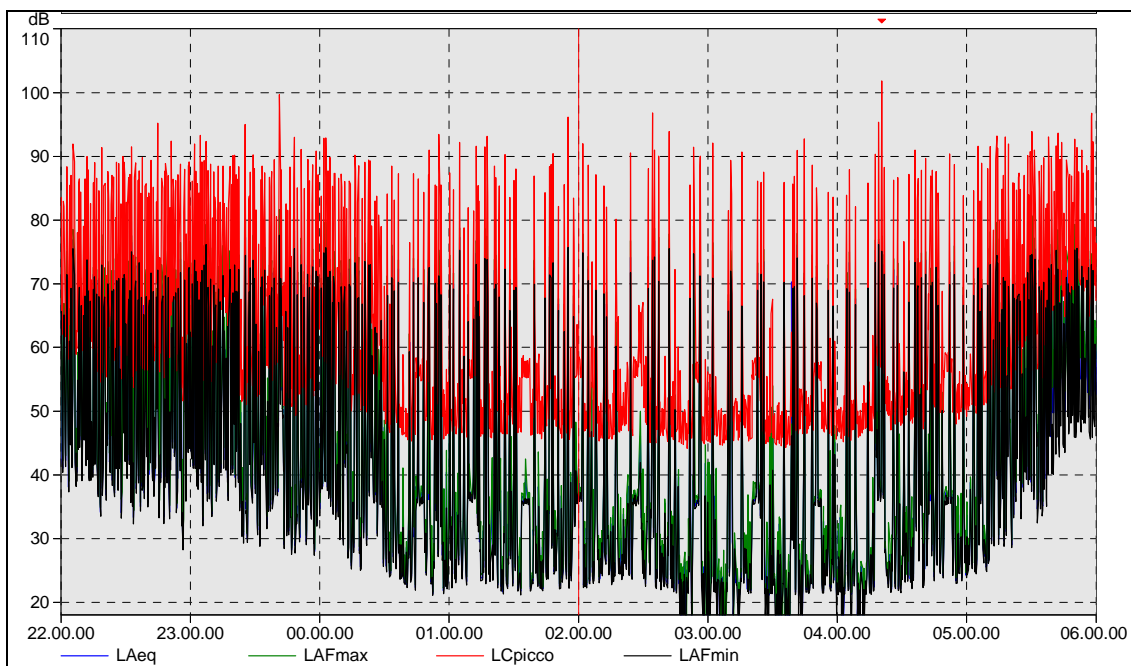
**GRAFICO RELATIVO AL PERIODO EVENING (20:00 – 22:00)**



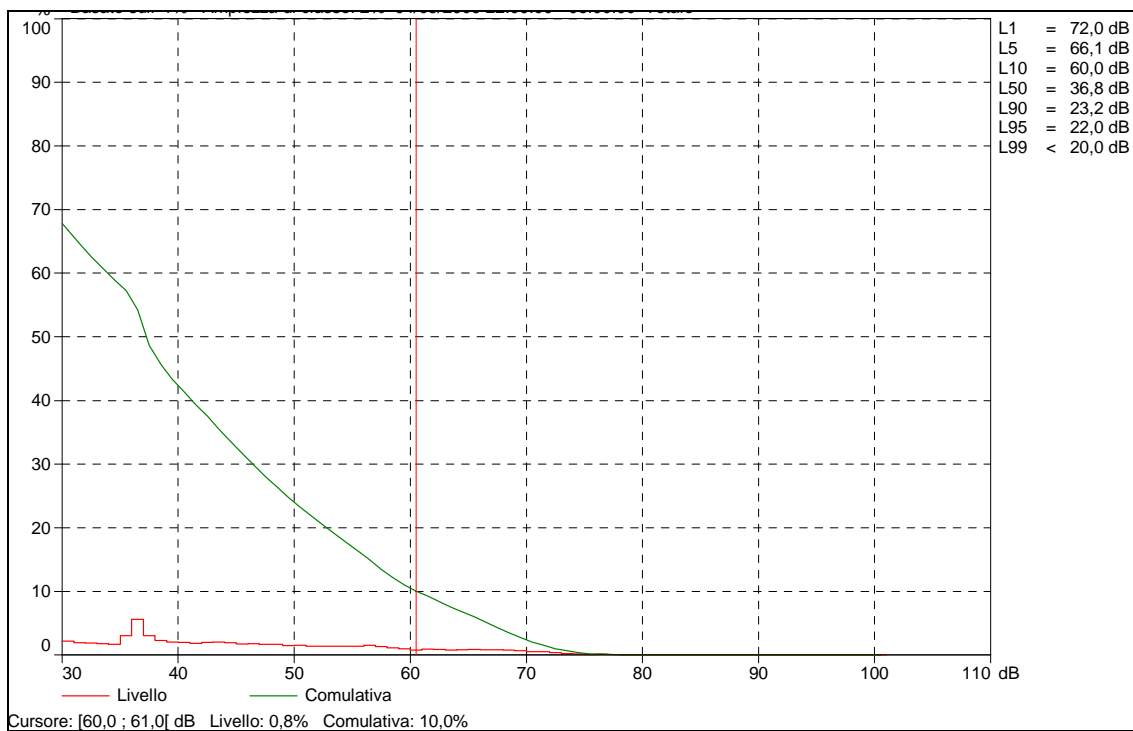
LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LA1 [dB]	LA5 [dB]	LA10 [dB]	LA50 [dB]	LA90 [dB]	LA95 [dB]	LA99 [dB]
63,0	80,7	34,5	73,0	69,9	68,0	53,8	43,5	41,6	38,4



**GRAFICO RELATIVO AL PERIODO NIGHT (22:00 – 06:00)**

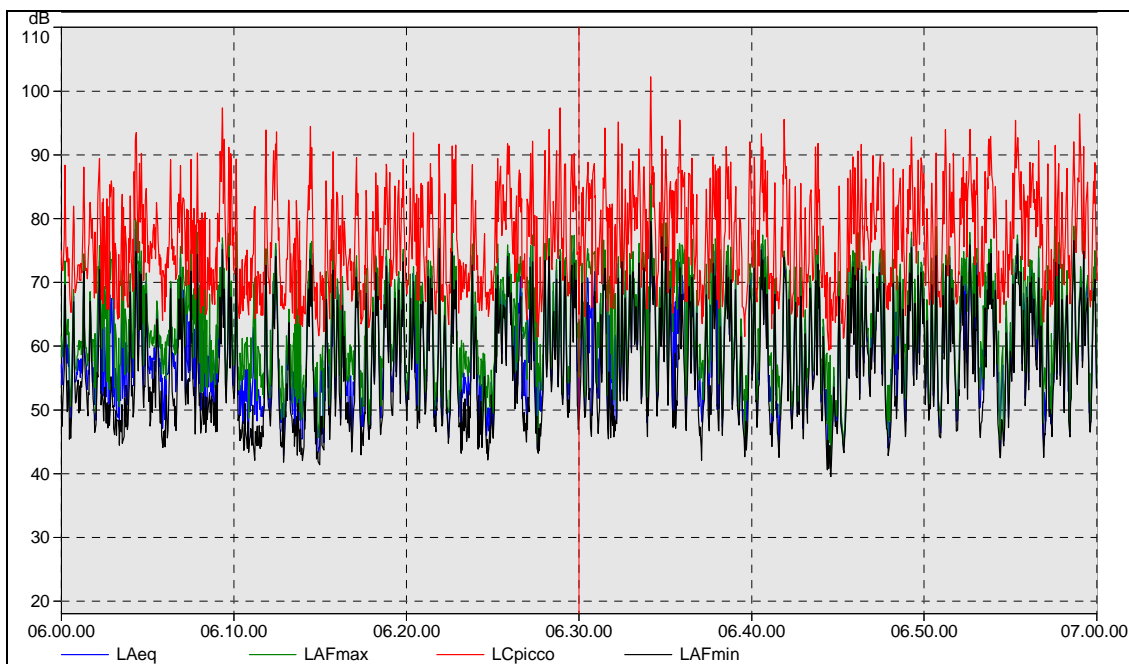


LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LA1 [dB]	LA5 [dB]	LA10 [dB]	LA50 [dB]	LA90 [dB]	LA95 [dB]	LA99 [dB]
58,8	81,7	< 20,0	72,0	66,1	60,0	36,8	23,2	22,0	< 20,0



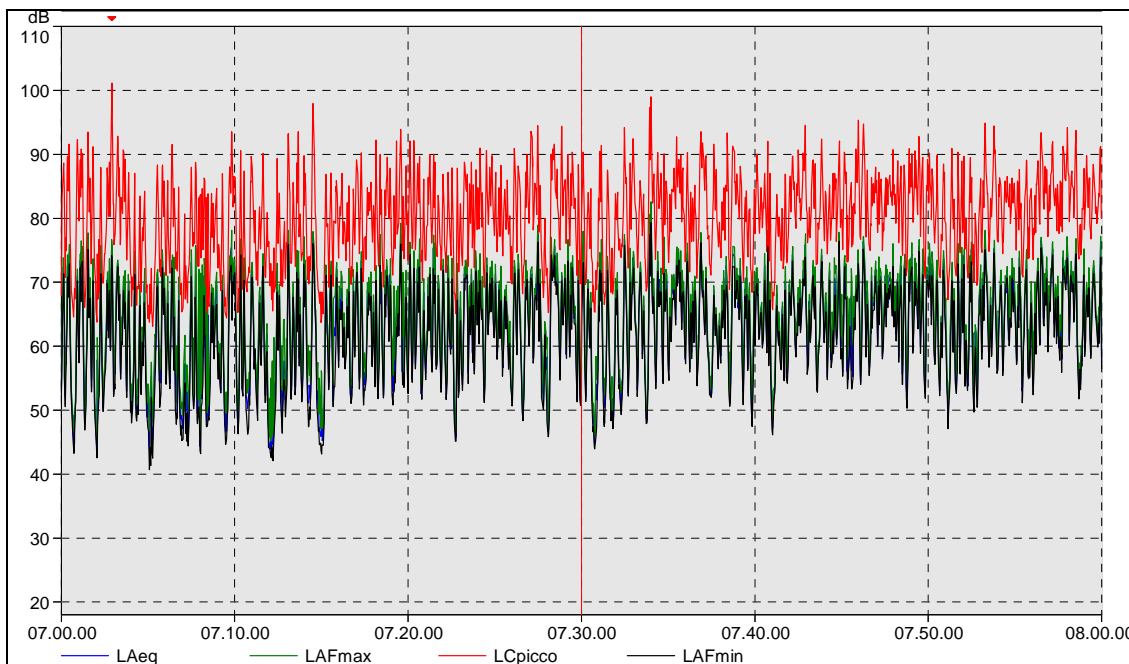
**GRAFICI RELATIVI ALLE FASCE ORARIE**

*ora 1 (06:00 – 07:00)*



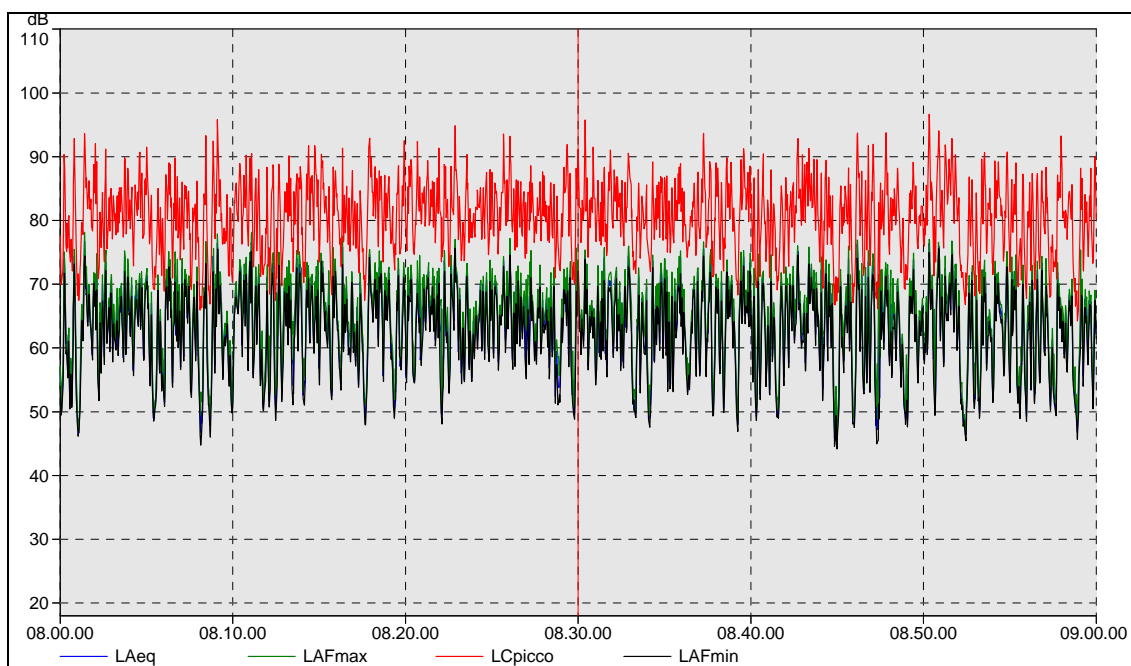
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
66,0	85,5	39,5	75,8	72,5	70,5	59,1	50,1	48,6	45,4

*ora 2 (07:00 – 08:00)*



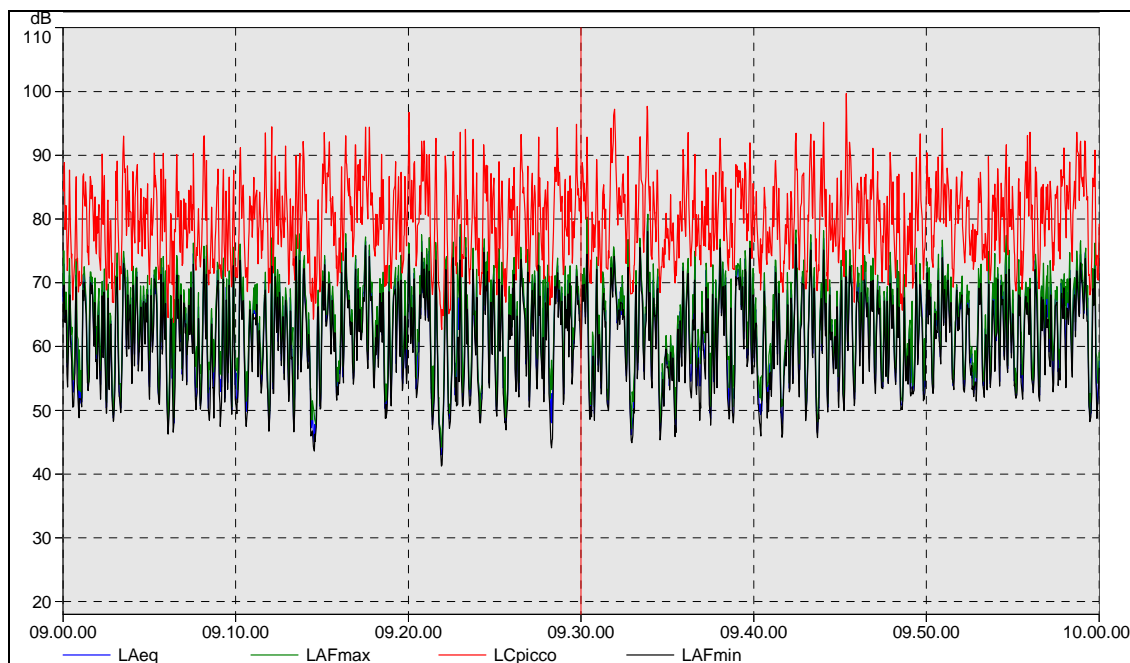
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA99</b> [dB]	<b>LA95</b> [dB]	<b>LA90</b> [dB]	<b>LA50</b> [dB]	<b>LA10</b> [dB]	<b>LA5</b> [dB]	<b>LA1</b> [dB]
67,4	82,6	40,7	75,7	73,0	71,6	64,1	52,5	50,3	46,1

**ora 3 (08:00 – 09:00)**



<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
66,9	78,1	44,1	74,5	72,1	70,9	64,5	53,5	51,2	48,1

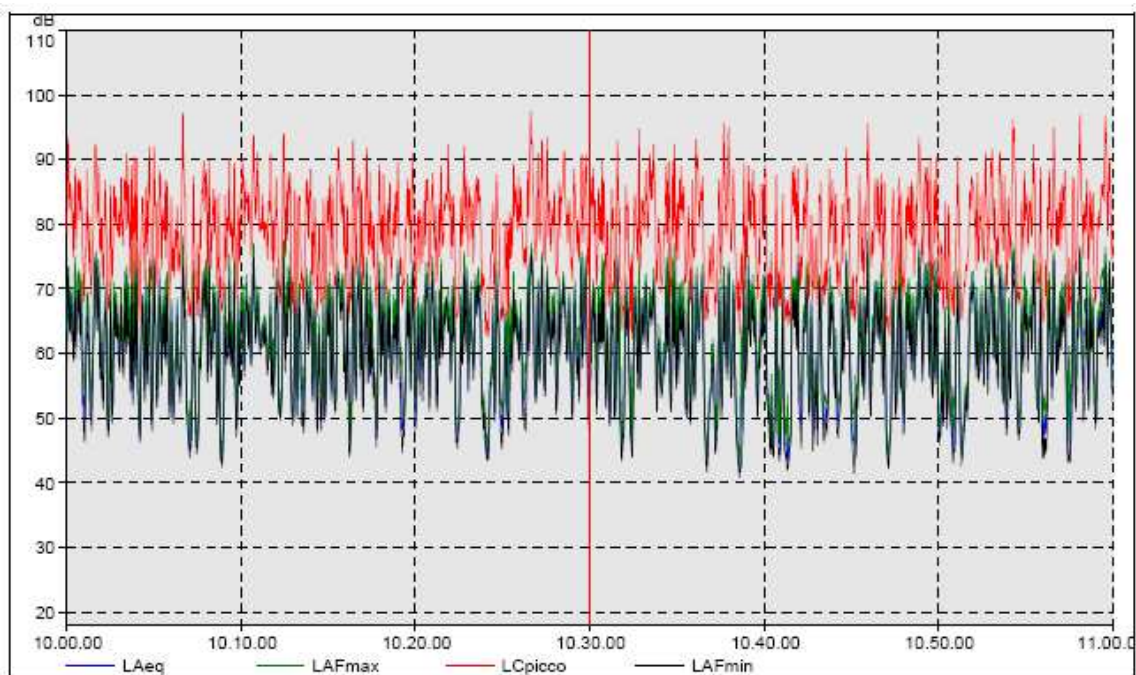
**ora 4 (09:00 – 10:00)**



<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
66,6	80,7	41,3	75,0	72,3	70,8	63,1	52,5	50,6	47,6

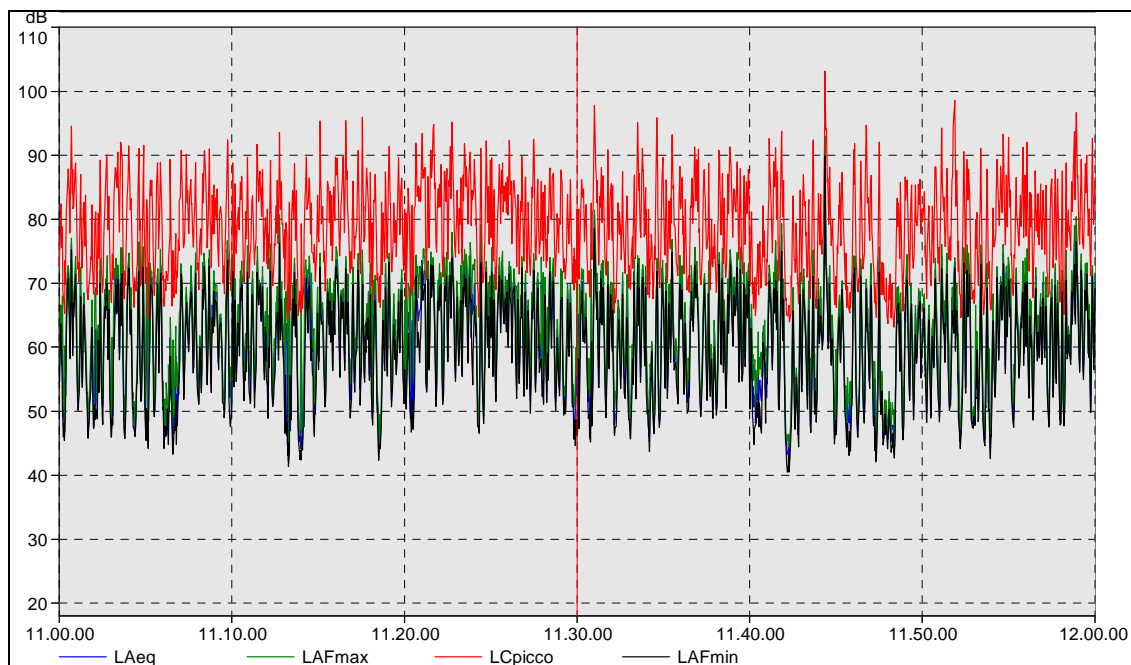


**ora 5 (10:00 – 11:00)**



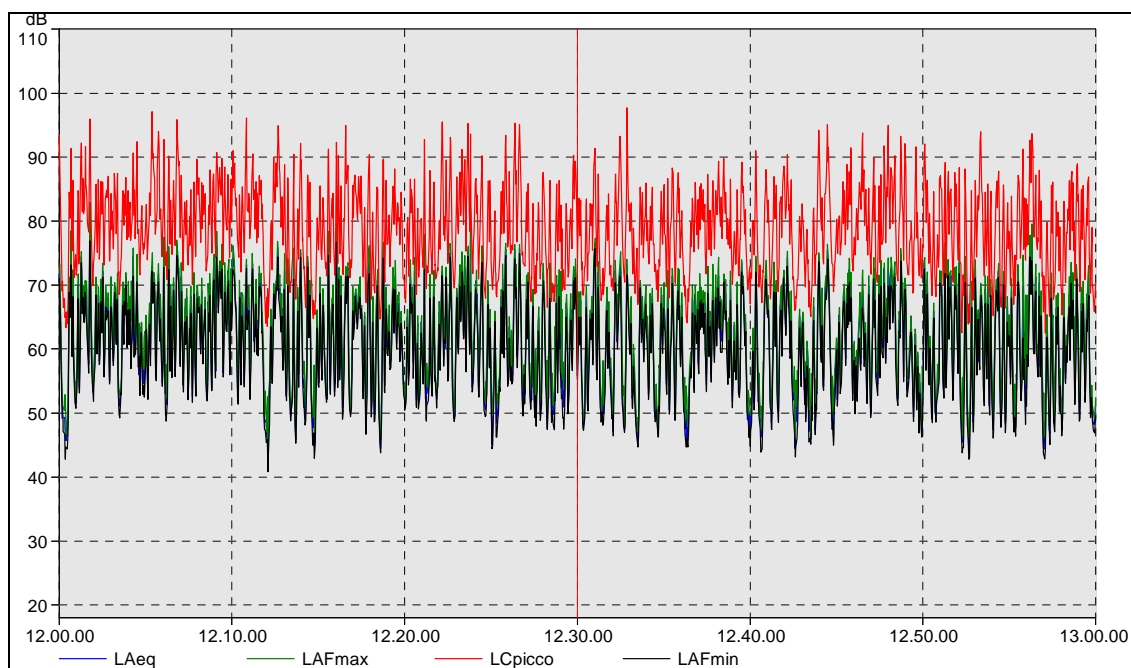
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
66,0	78,7	40,8	74,5	72,0	70,3	62,3	50,0	47,7	44,5

**ora 6 (11:00 – 12:00)**



<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
66,9	92,9	40,4	74,2	72,1	70,7	62,0	50,4	48,2	45,2

**ora 7 (12:00 – 13:00)**



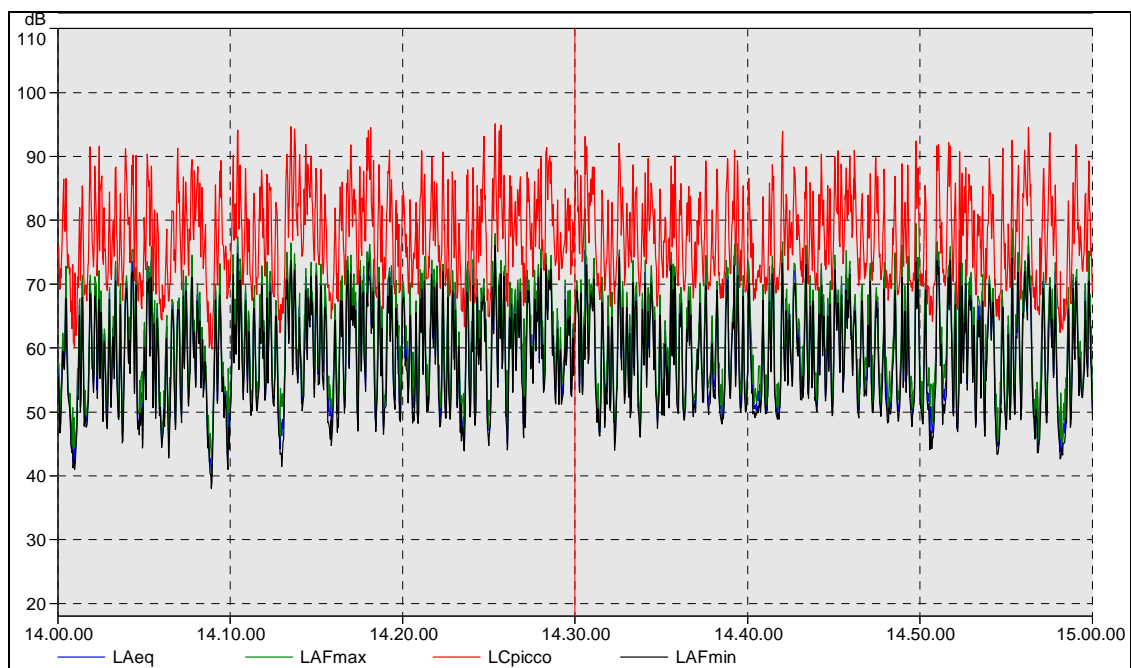
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
65,9	82,9	40,8	74,6	71,9	70,2	61,8	50,9	49,0	46,3

**ora 8 (13:00 – 14:00)**



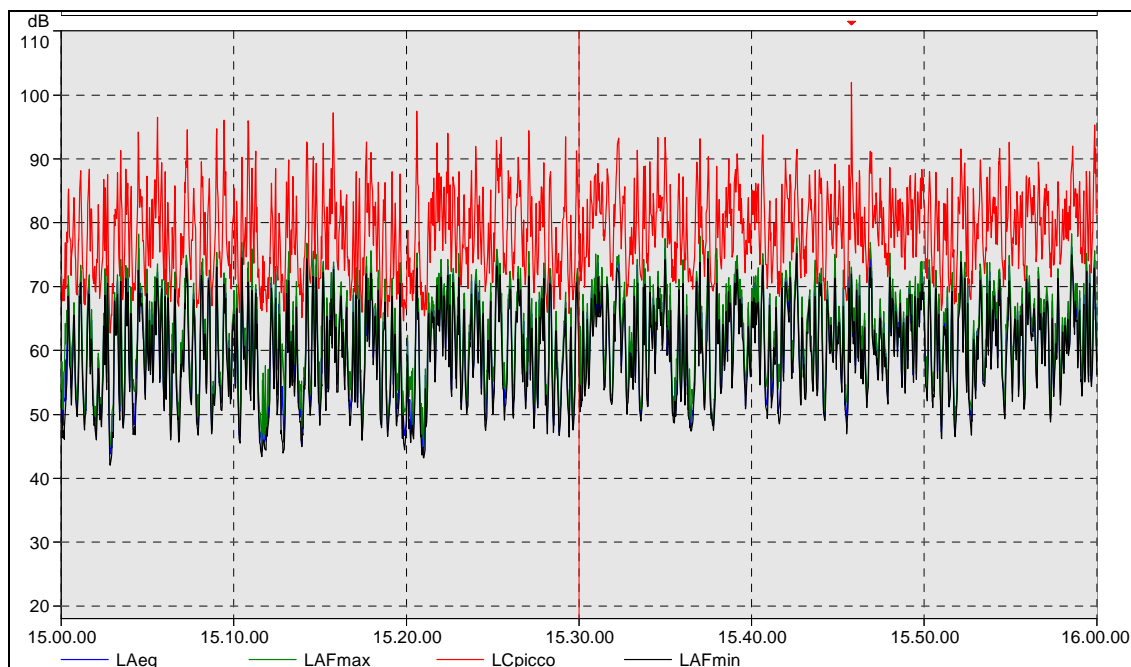
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
65,2	77,9	37,5	73,9	71,5	69,9	60,5	47,7	45,8	42,5

**ora 9 (14:00 – 15:00)**



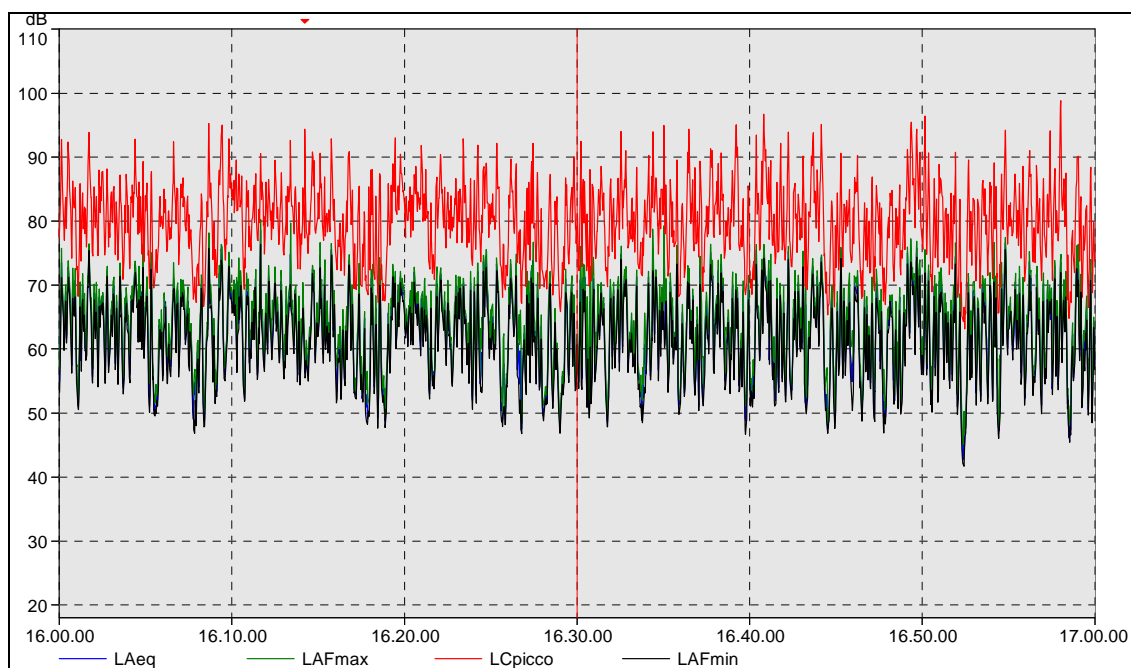
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
65,0	81,8	38,0	74,0	71,4	69,6	59,4	50,0	48,3	44,8

**ora 10 (15:00 – 16:00)**



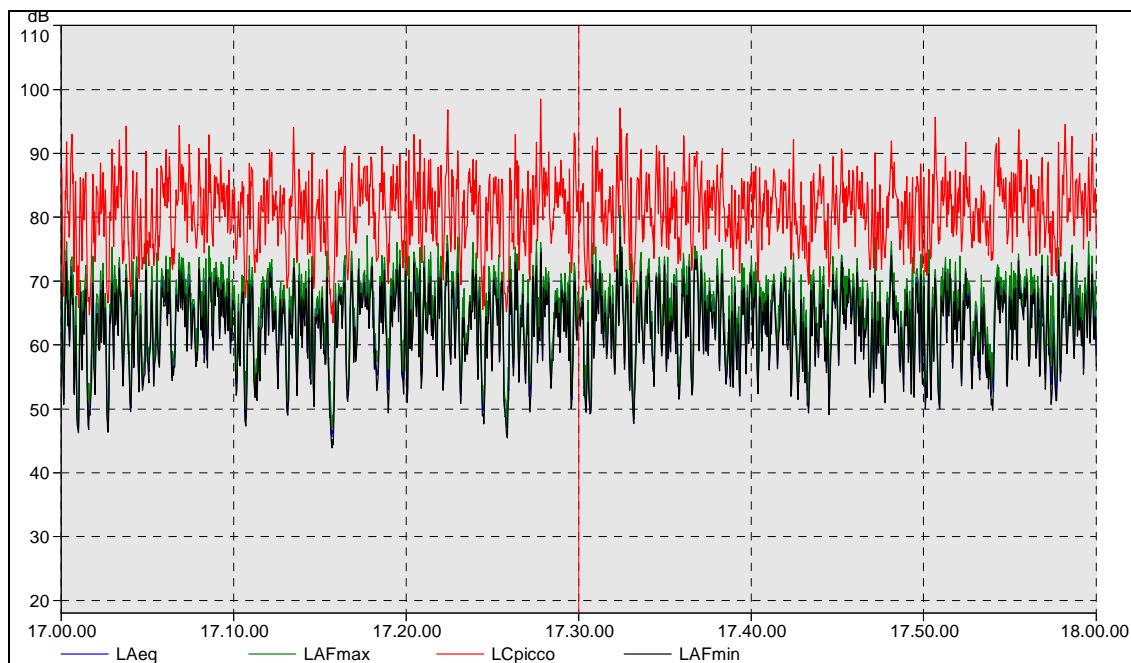
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
65,5	78,2	42,0	73,9	71,6	70,1	61,3	51,1	49,4	46,5

**ora 11 (16:00 – 17:00)**



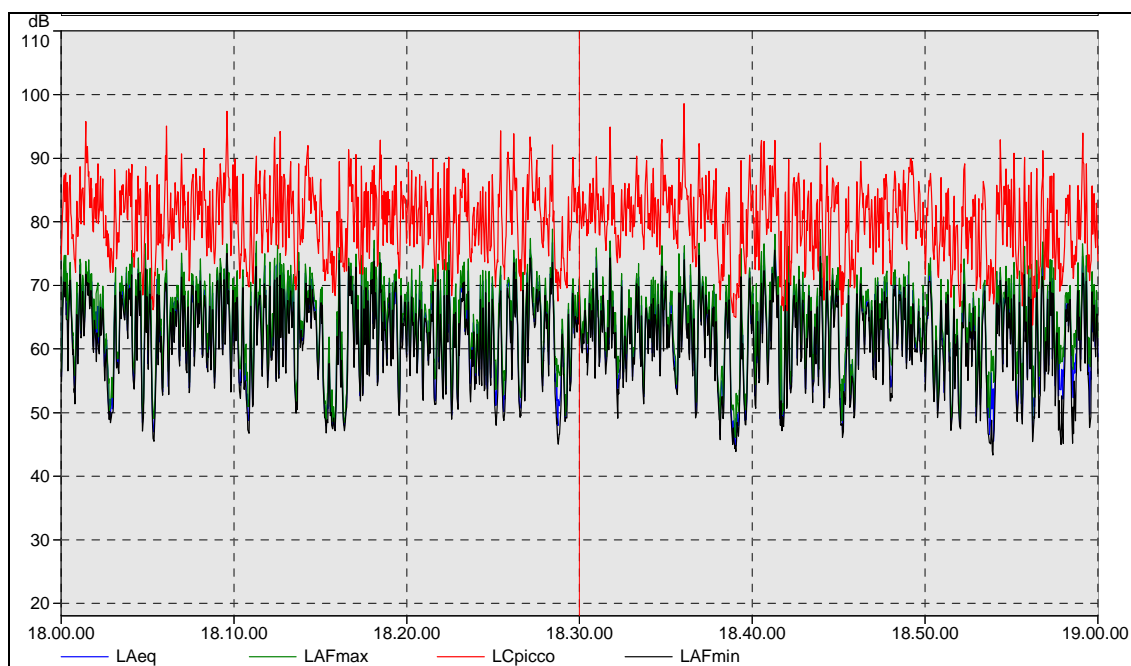
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
66,1	80,2	41,7	74,4	71,6	70,2	63,1	53,5	51,6	48,5

**ora 12 (17:00 – 18:00)**



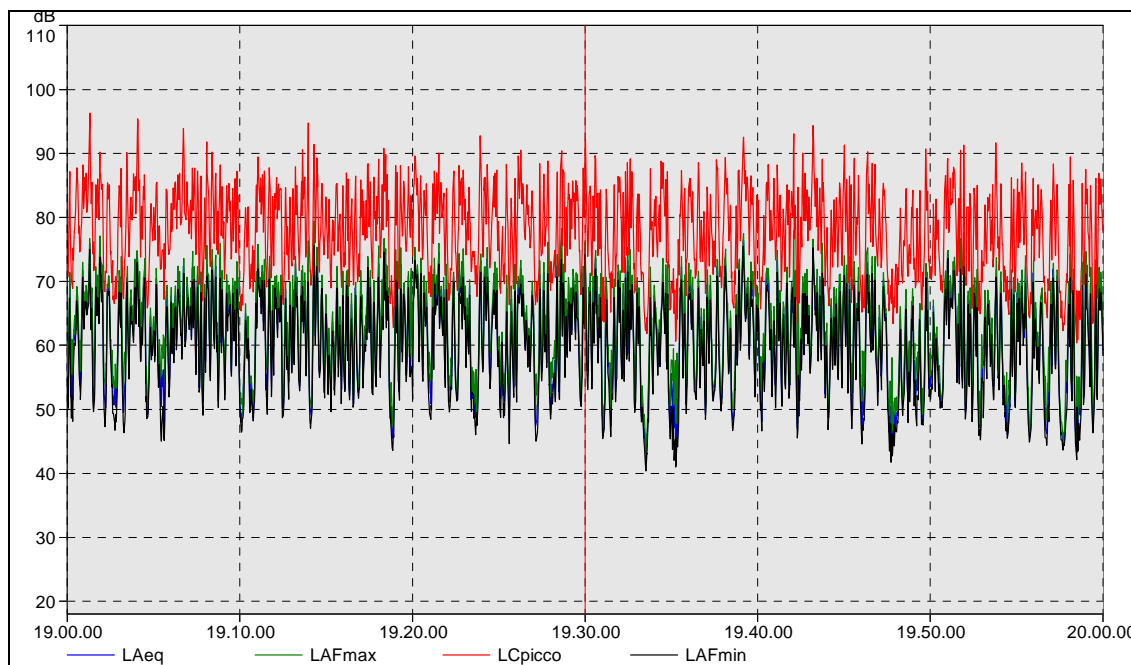
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
66,8	81,8	43,9	73,8	71,8	70,5	64,8	55,4	53,1	49,2

**ora 13 (18:00 – 19:00)**



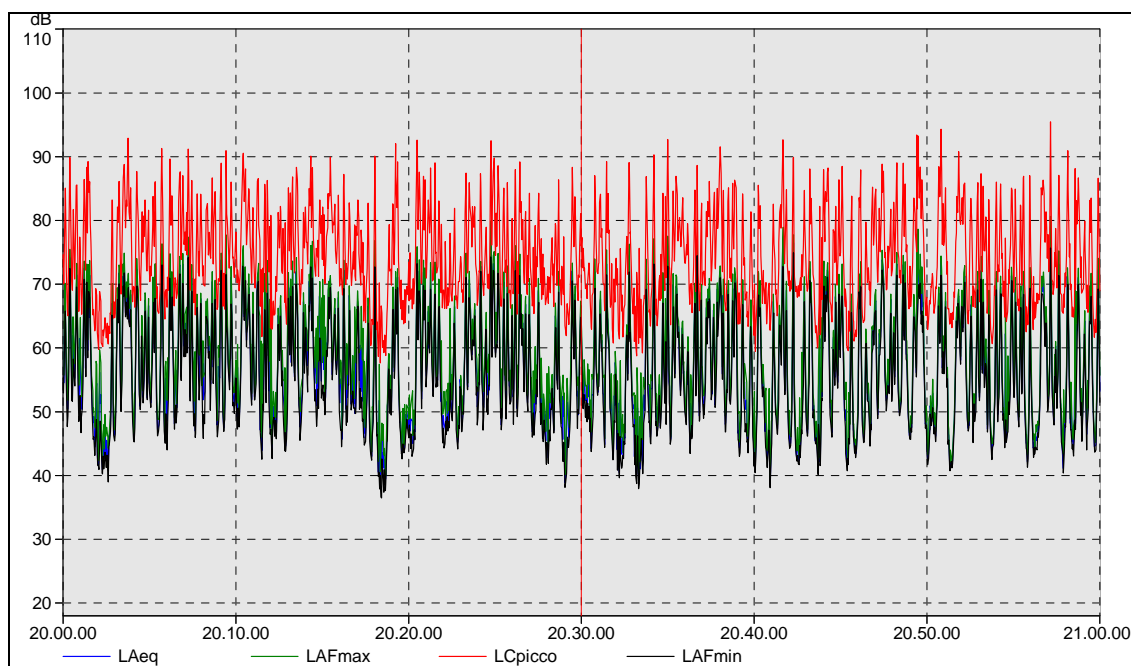
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
66,1	78,8	43,3	74,1	71,4	70,2	63,5	53,0	50,8	48,1

**ora 14 (19:00 – 20:00)**



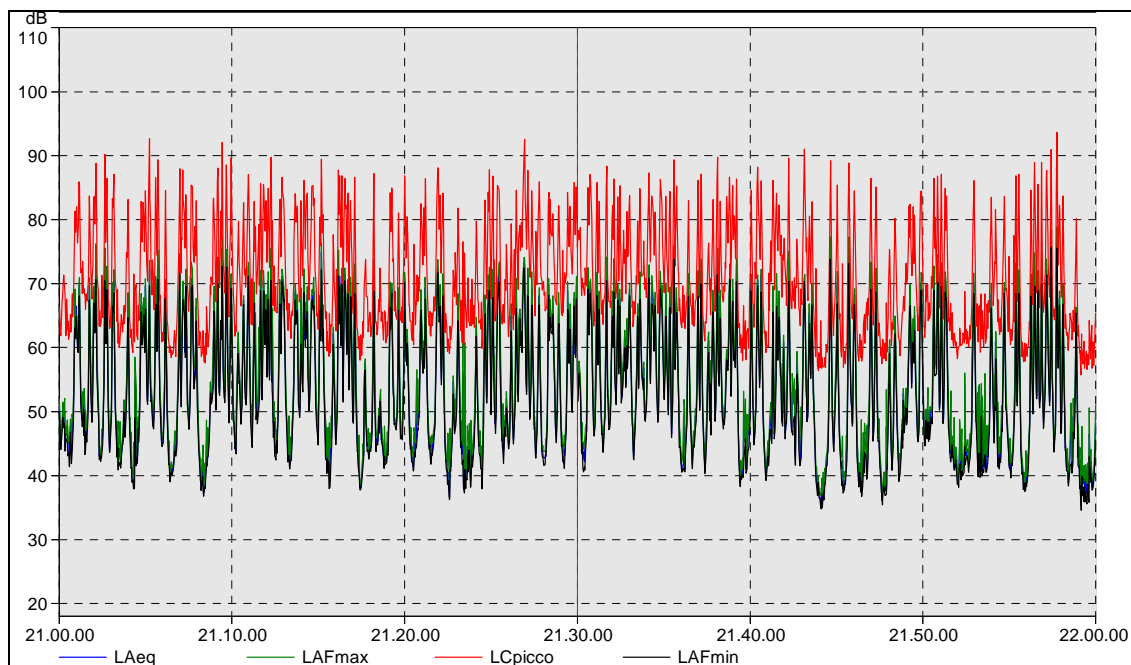
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
65,5	79,4	40,4	73,7	71,2	69,8	61,9	51,2	49,2	45,9

**ora 15 (20:00 – 21:00)**



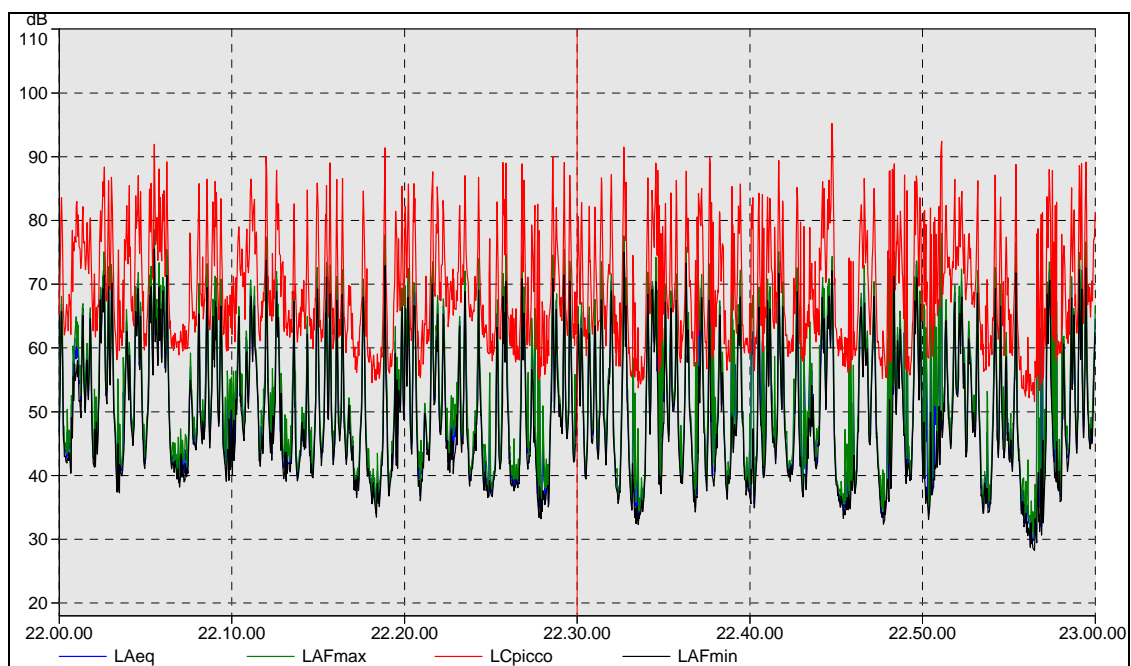
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
63,7	80,7	36,5	73,5	70,7	68,6	55,6	46,3	44,4	41,5

**ora 16 (21:00 – 22:00)**



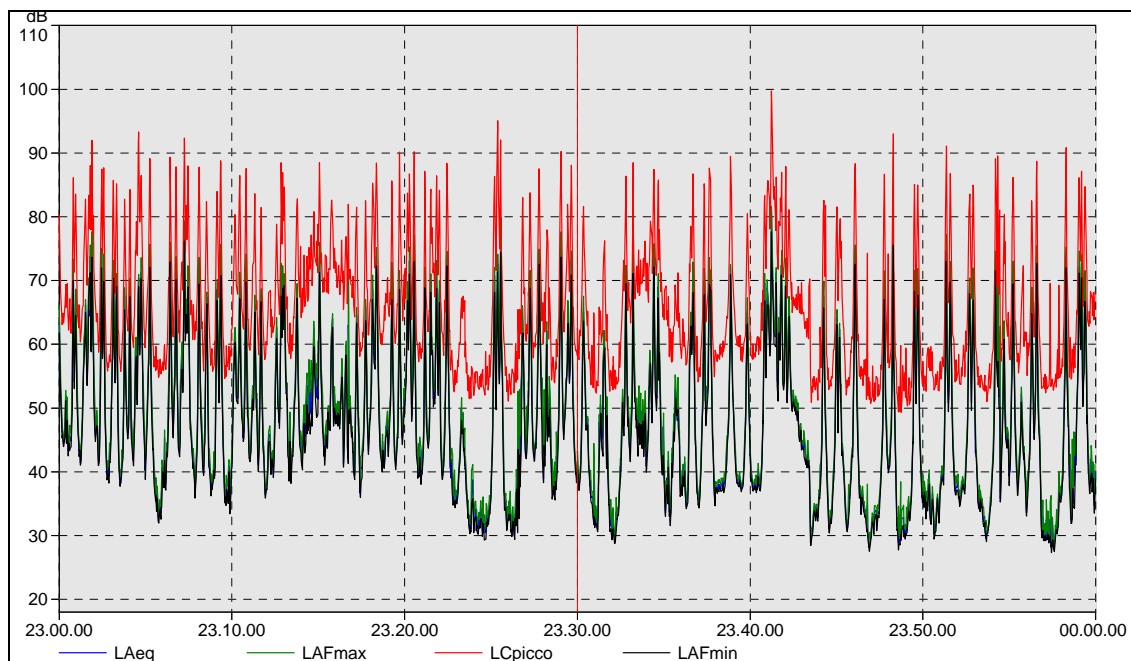
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
62,2	78,9	34,5	72,4	69,4	67,4	51,5	41,9	40,2	37,8

**ora 17 (22:00 – 23:00)**



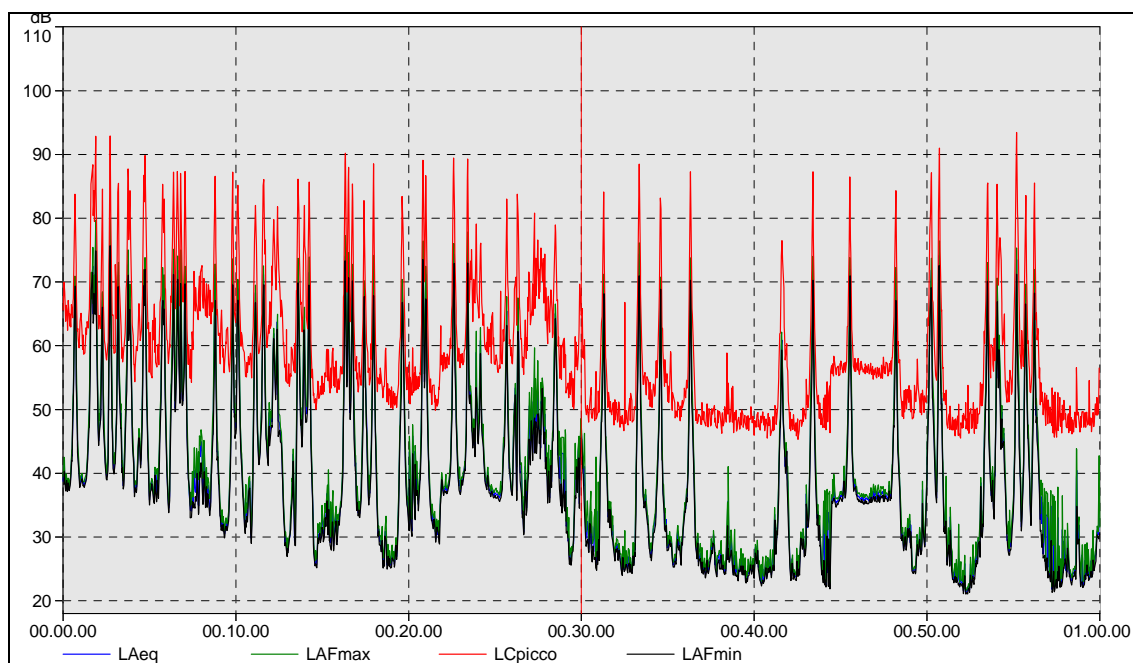
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
61,1	78,5	28,2	72,2	68,5	65,9	48,8	38,6	36,8	33,2

**ora 18 (23:00 – 24:00)**



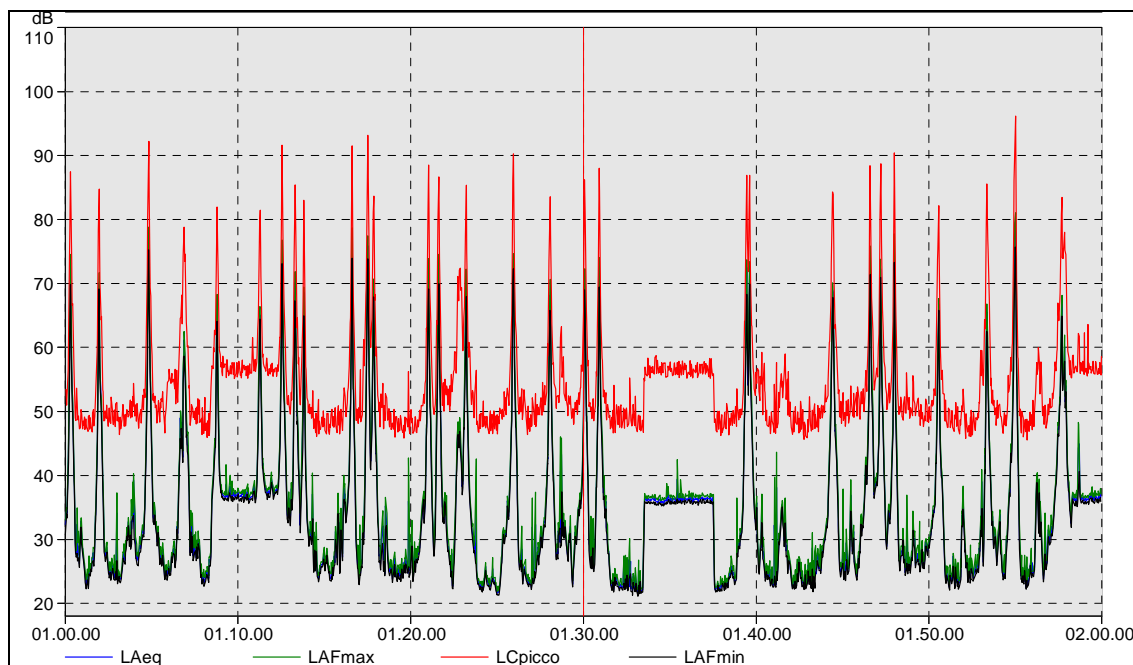
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
61,0	81,7	27,3	73,2	68,6	64,7	45,8	33,5	31,6	29,6

**ora 19 (24:00 – 01:00)**



<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
58,4	79,7	21,0	71,7	66,0	58,4	36,9	25,3	24,2	22,5

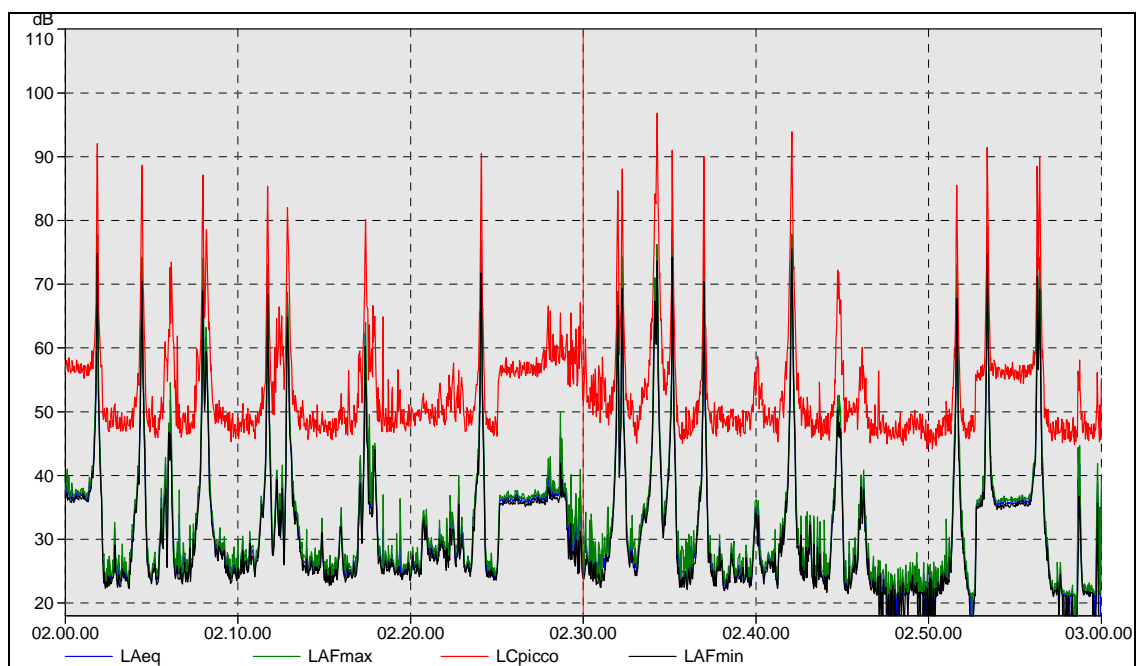
**ora 20 (01:00 – 02:00)**



<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
56,4	81,0	21,1	71,0	58,7	49,7	31,3	23,8	23,0	22,1

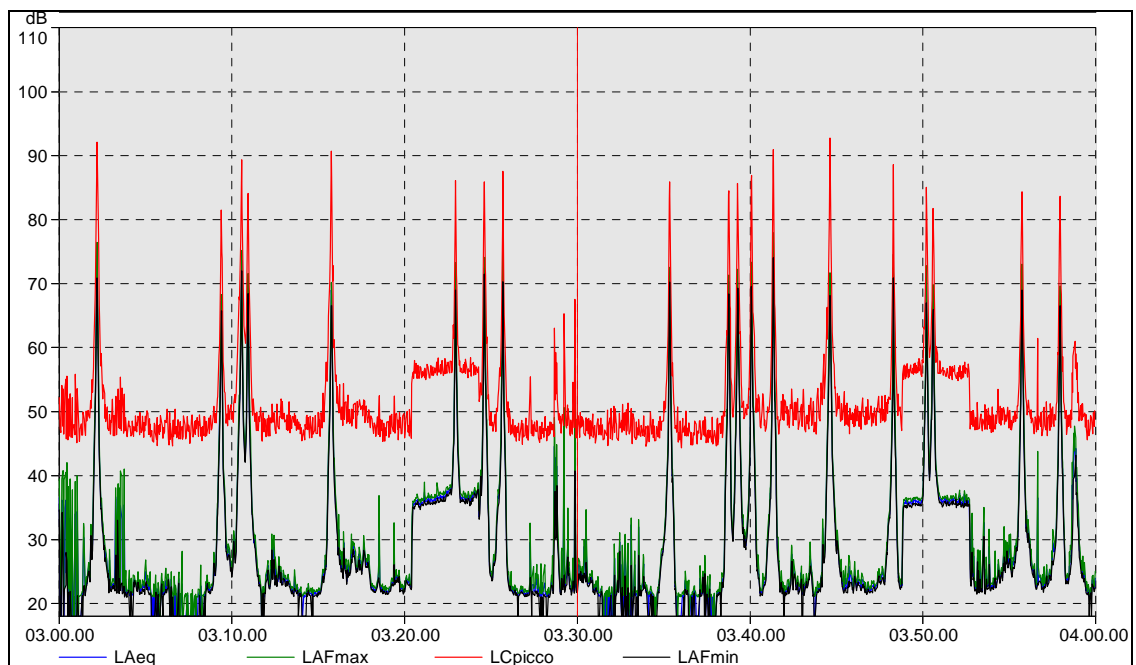


**ora 21 (02:00 – 03:00)**



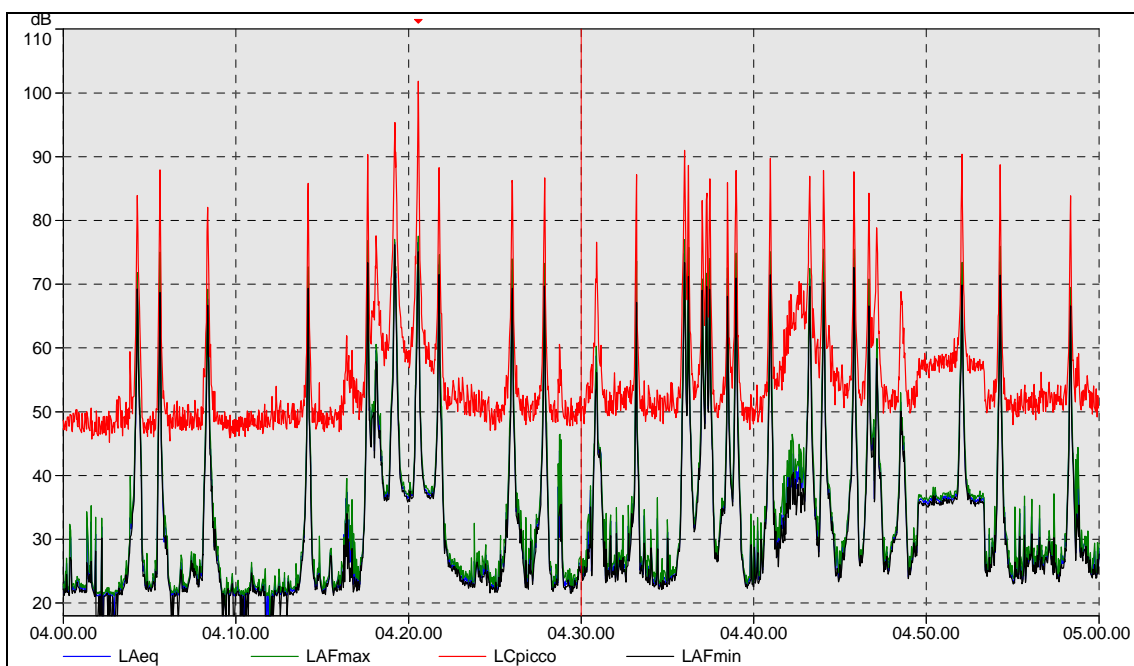
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
54,8	79,1	< 20,0	69,4	51,8	42,8	28,0	22,7	21,6	< 20,0

**ora 22 (03:00 – 04:00)**



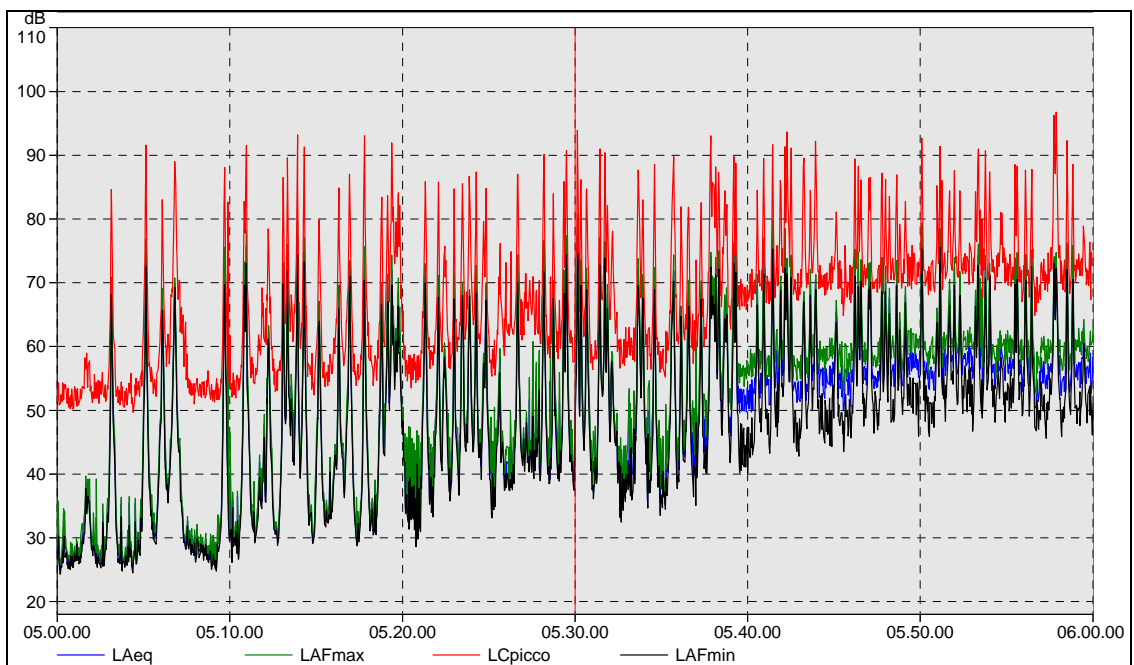
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
53,2	77,9	< 20,0	68,4	51,6	42,0	24,1	21,2	< 20,0	< 20,0

**ora 23 (04:00 – 05:00)**



LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LA1 [dB]	LA5 [dB]	LA10 [dB]	LA50 [dB]	LA90 [dB]	LA95 [dB]	LA99 [dB]
56,2	77,5	< 20,0	71,2	58,2	49,2	27,9	22,2	21,6	21,1

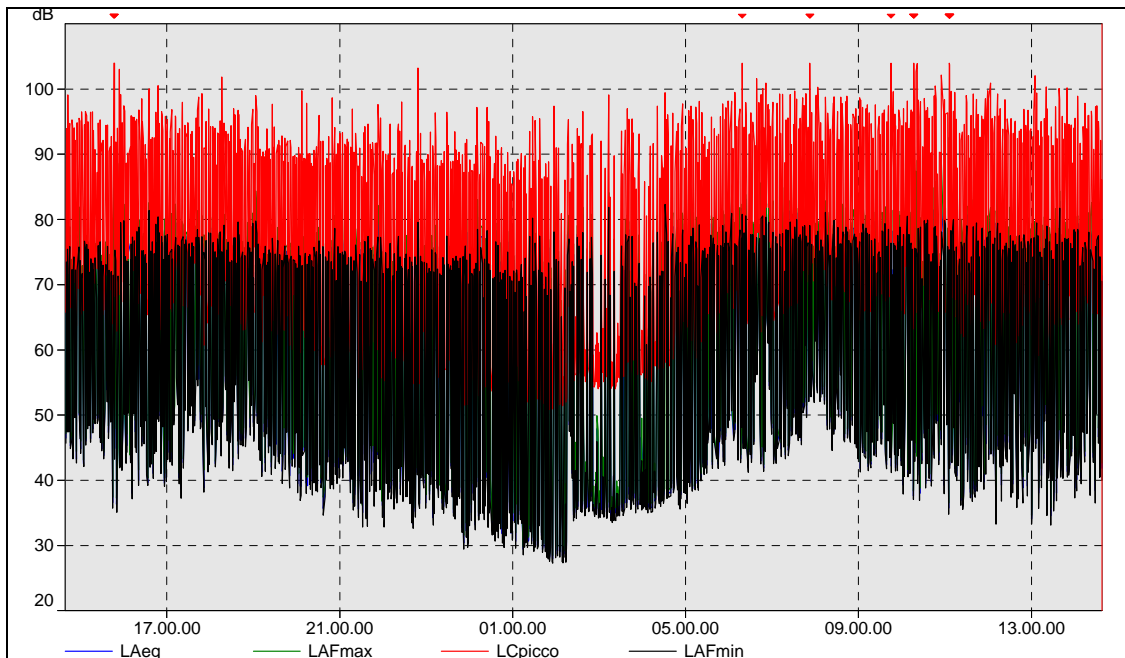
**ora 24 (05:00 – 06:00)**



LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LA1 [dB]	LA5 [dB]	LA10 [dB]	LA50 [dB]	LA90 [dB]	LA95 [dB]	LA99 [dB]
61,7	80,7	24,3	74,0	69,2	65,5	52,0	30,3	27,8	26,1

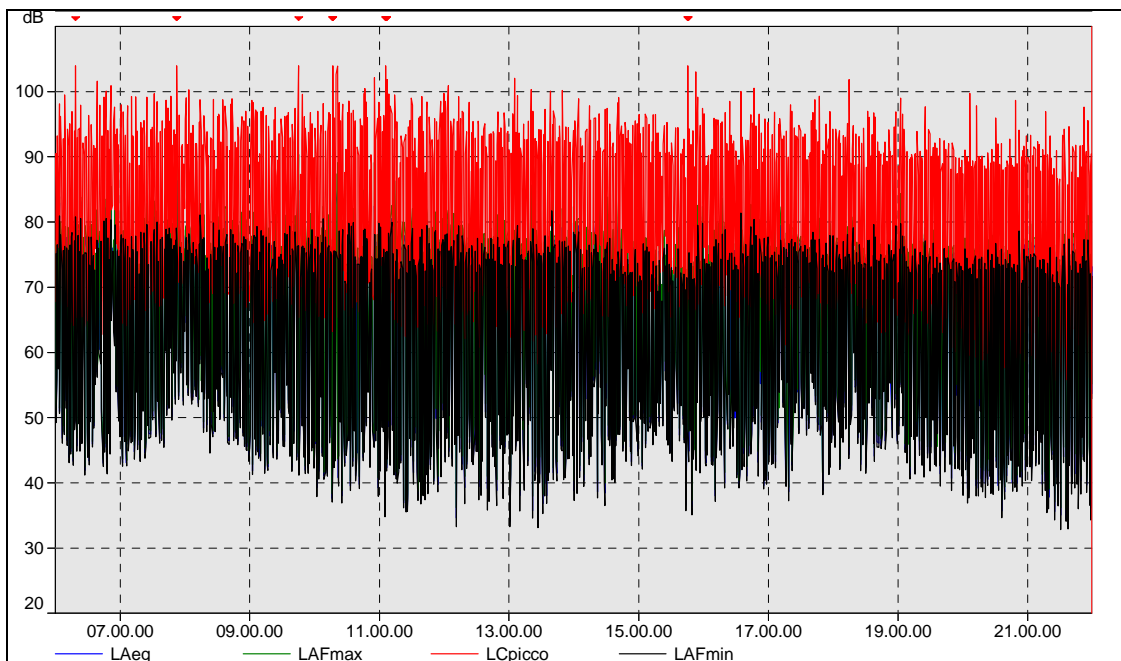
**PUNTO DI MISURA B (Sig. Pagani)**

**GRAFICO RELATIVO ALL'ANDAMENTO DEL RUMORE SULLE 24H**

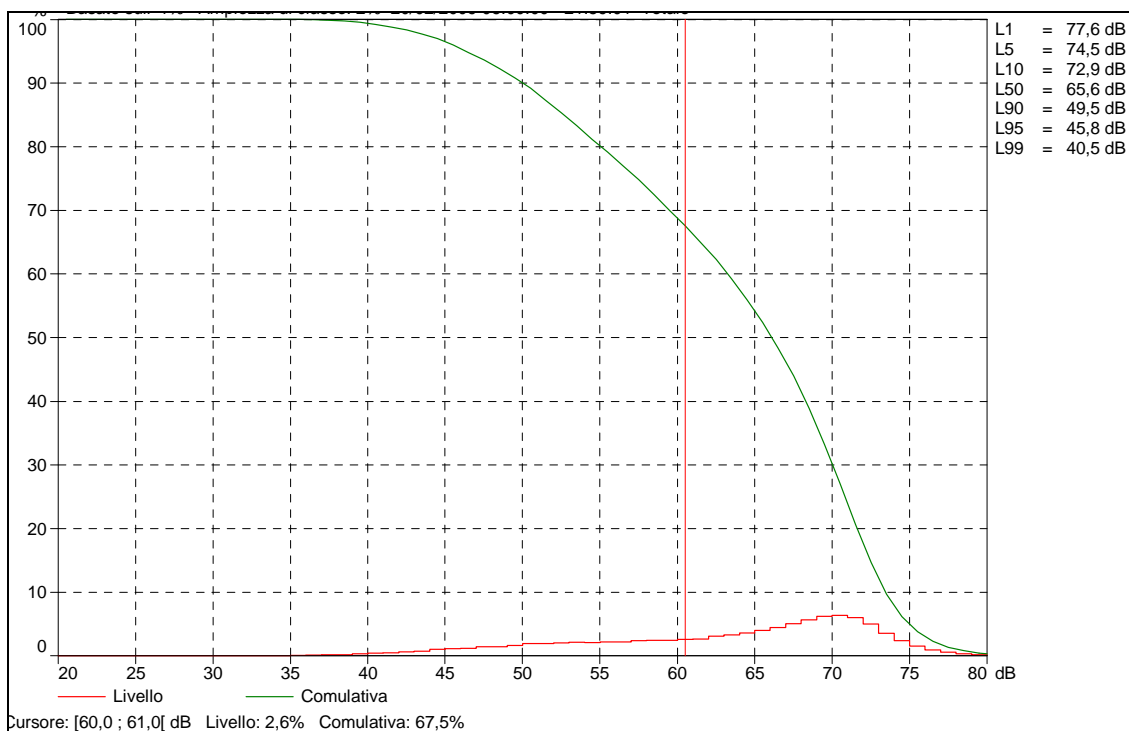


L <sub>Aeq</sub> [dB]	L <sub>AFmax</sub> [dB]	L <sub>AFmin</sub> [dB]	L <sub>A1</sub> [dB]	L <sub>A5</sub> [dB]	L <sub>A10</sub> [dB]	L <sub>A50</sub> [dB]	L <sub>A90</sub> [dB]	L <sub>A95</sub> [dB]	L <sub>A99</sub> [dB]
67,8	92,8	27,2	77,1	73,9	72,3	60,5	38,2	36,2	31,1

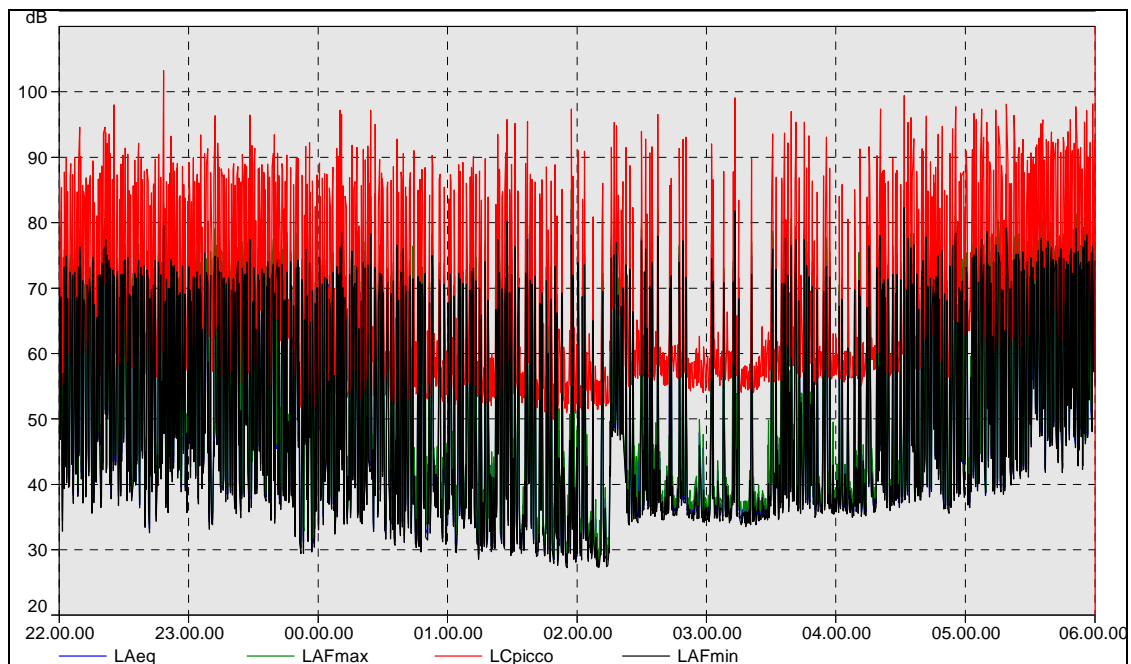
**GRAFICO RELATIVO AL PERIODO DIURNO (06:00 – 22:00)**



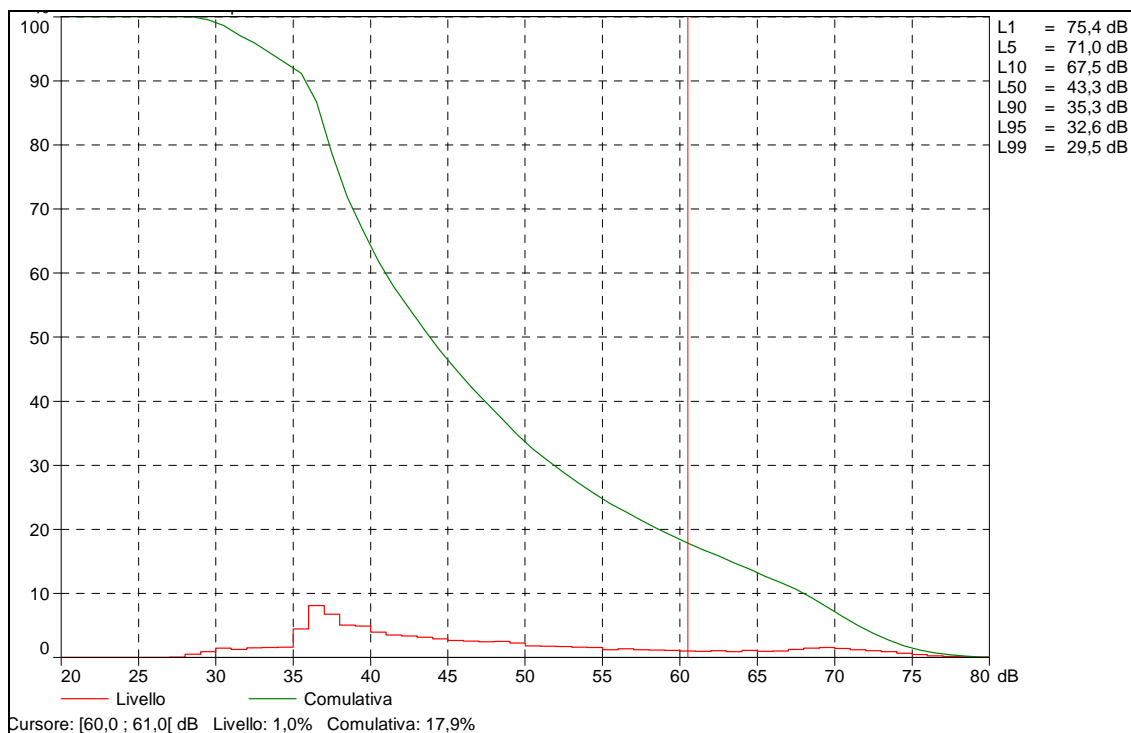
LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LA1 [dB]	LA5 [dB]	LA10 [dB]	LA50 [dB]	LA90 [dB]	LA95 [dB]	LA99 [dB]
69,0	92,8	32,8	77,6	74,5	72,9	65,6	49,5	45,8	40,5



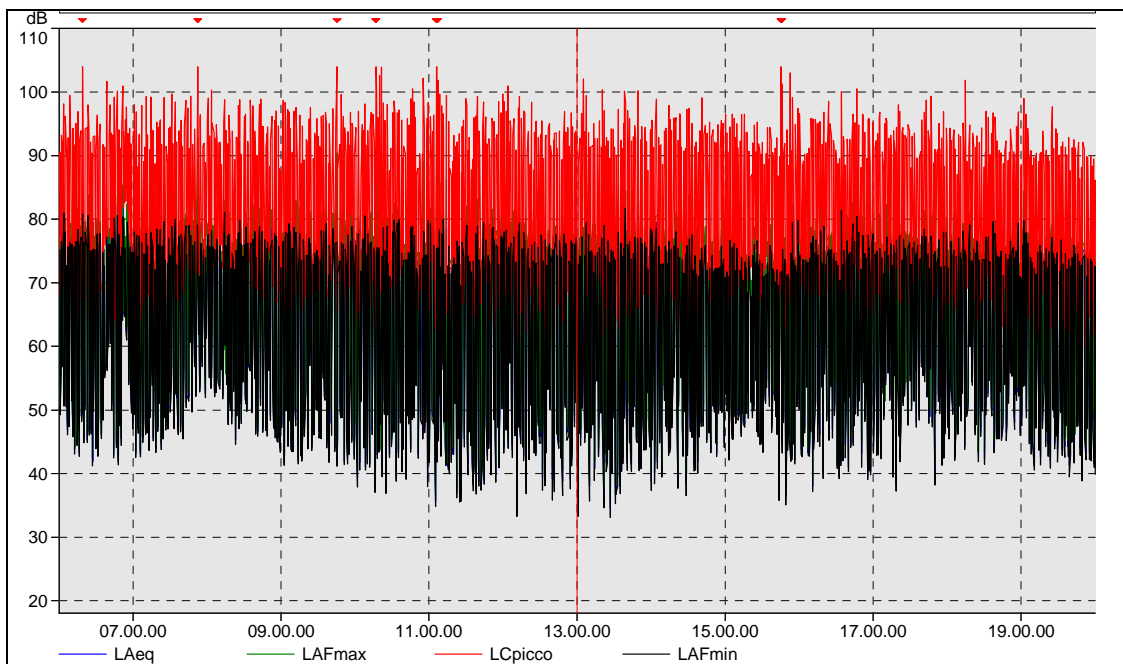
**GRAFICO RELATIVO AL PERIODO NOTTURNO (22:00 – 06:00)**



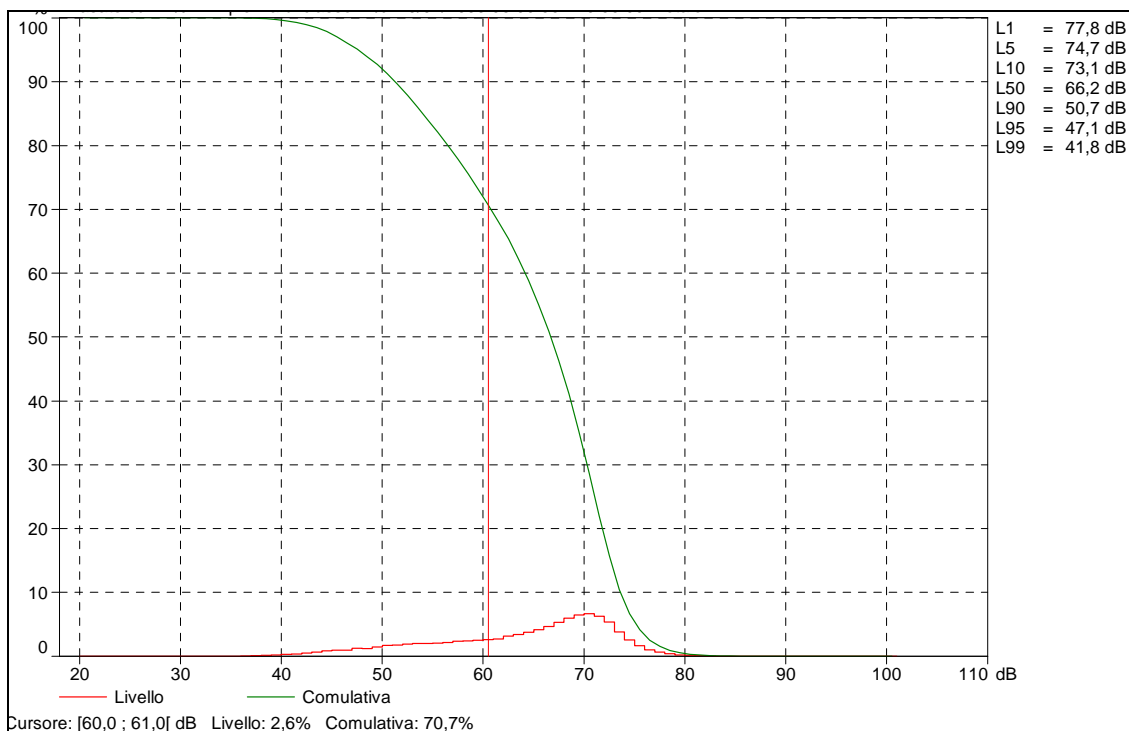
LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LA1 [dB]	LA5 [dB]	LA10 [dB]	LA50 [dB]	LA90 [dB]	LA95 [dB]	LA99 [dB]
63,1	85,0	27,2	75,4	71,0	67,5	43,3	35,3	32,6	29,5



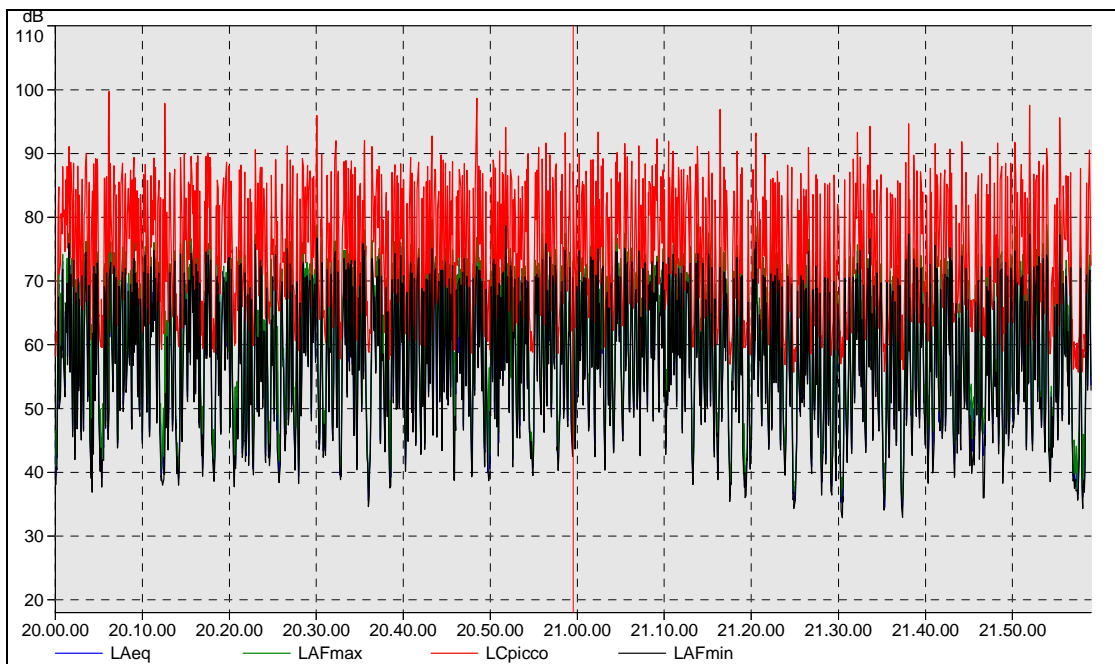
**GRAFICO RELATIVO AL PERIODO DAY (06:00 – 20:00)**



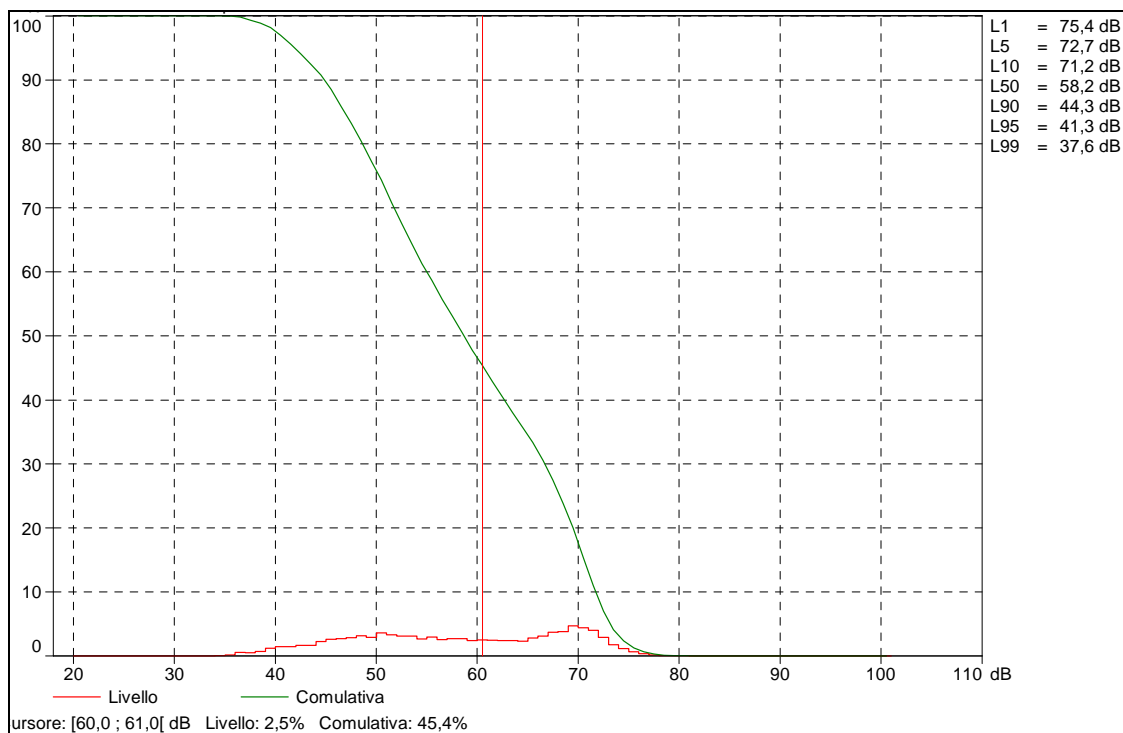
LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LA1 [dB]	LA5 [dB]	LA10 [dB]	LA50 [dB]	LA90 [dB]	LA95 [dB]	LA99 [dB]
69,3	92,8	33,1	77,8	74,7	73,1	66,2	50,7	47,1	41,8



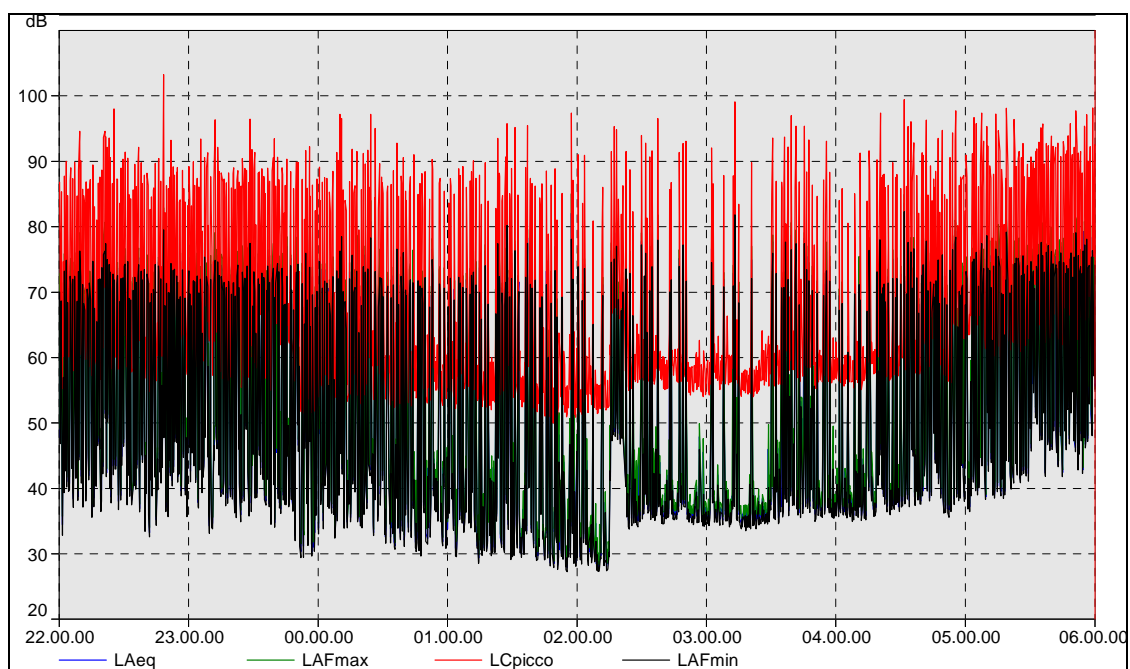
**GRAFICO RELATIVO AL PERIODO EVENING (20:00 – 22:00)**



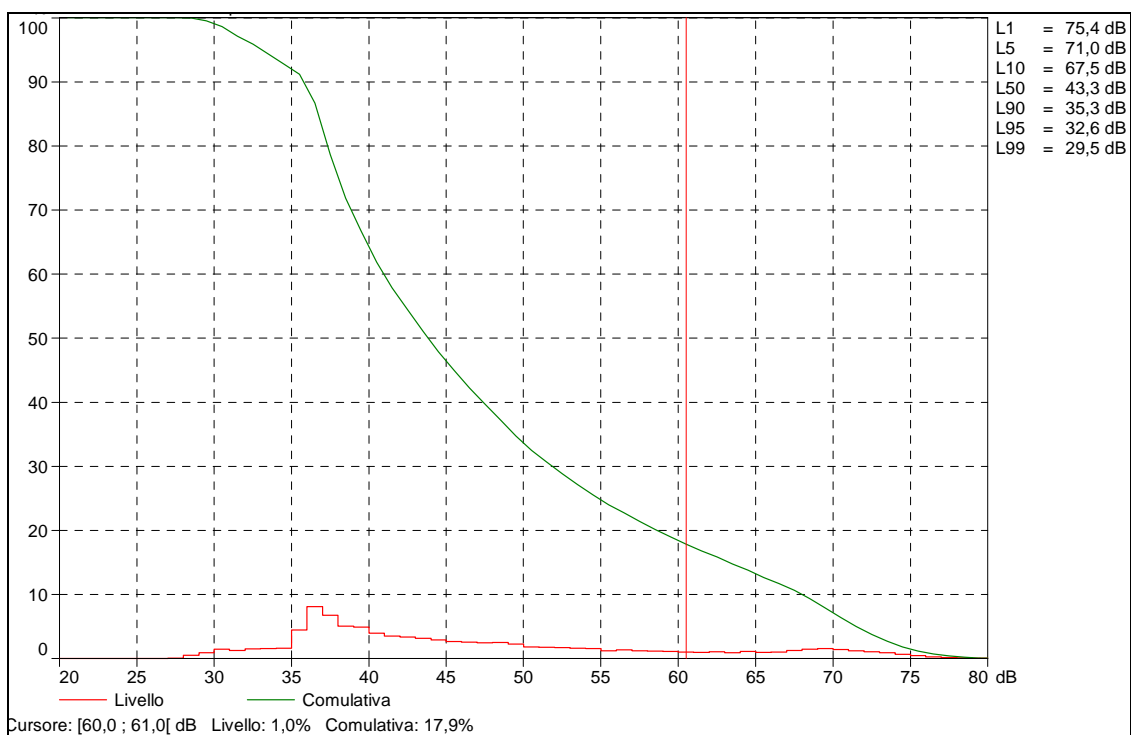
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
66,3	86,8	32,8	75,4	72,7	71,2	58,2	44,3	41,3	37,6



**GRAFICO RELATIVO AL PERIODO NIGHT (22:00 – 06:00)**



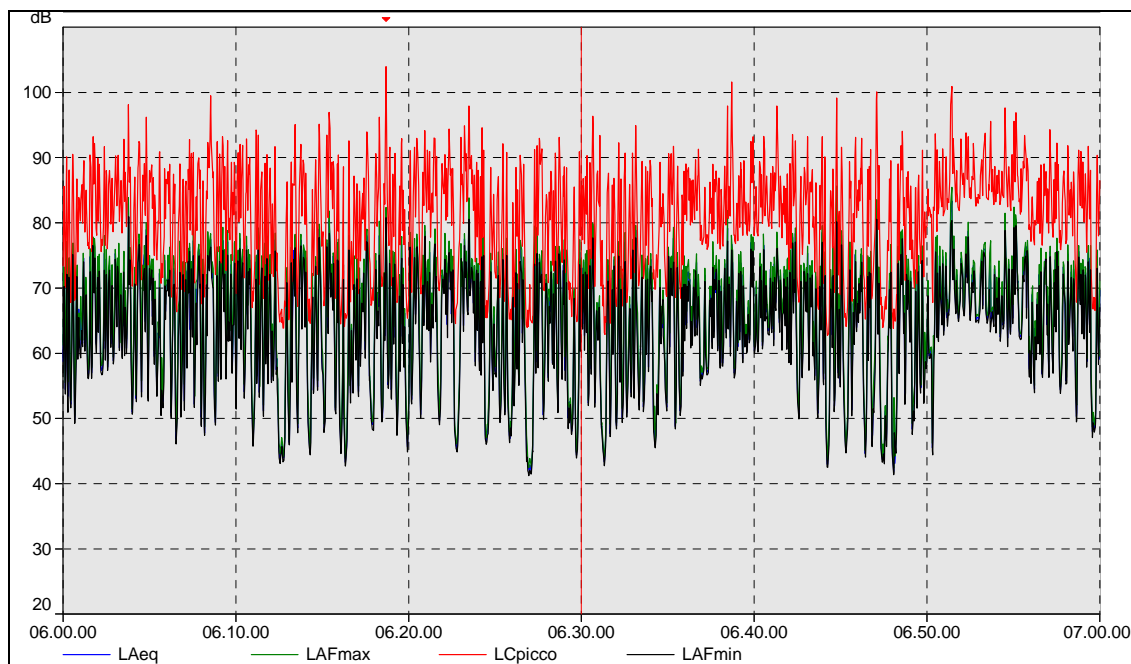
LAeq [dB]	LAFmax [dB]	LAFmin [dB]	LA1 [dB]	LA5 [dB]	LA10 [dB]	LA50 [dB]	LA90 [dB]	LA95 [dB]	LA99 [dB]
63,1	85,0	27,2	75,4	71,0	67,5	43,3	35,3	32,6	29,5





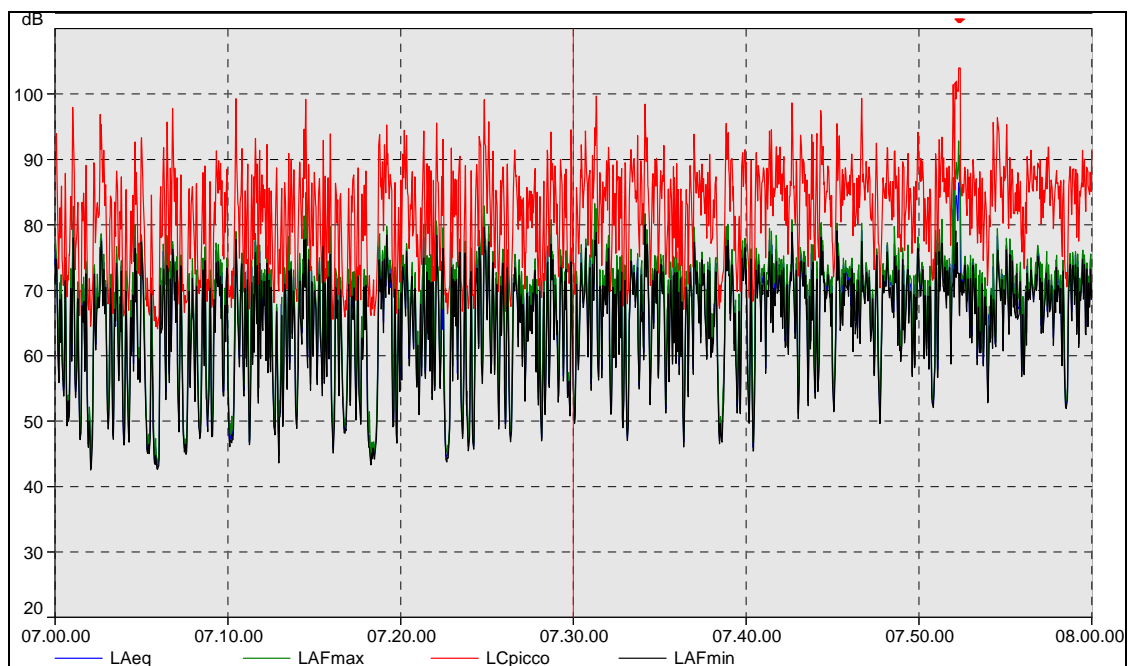
**GRAFICI RELATIVI ALLE FASCE ORARIE**

**ora 1 (06:00 – 07:00)**



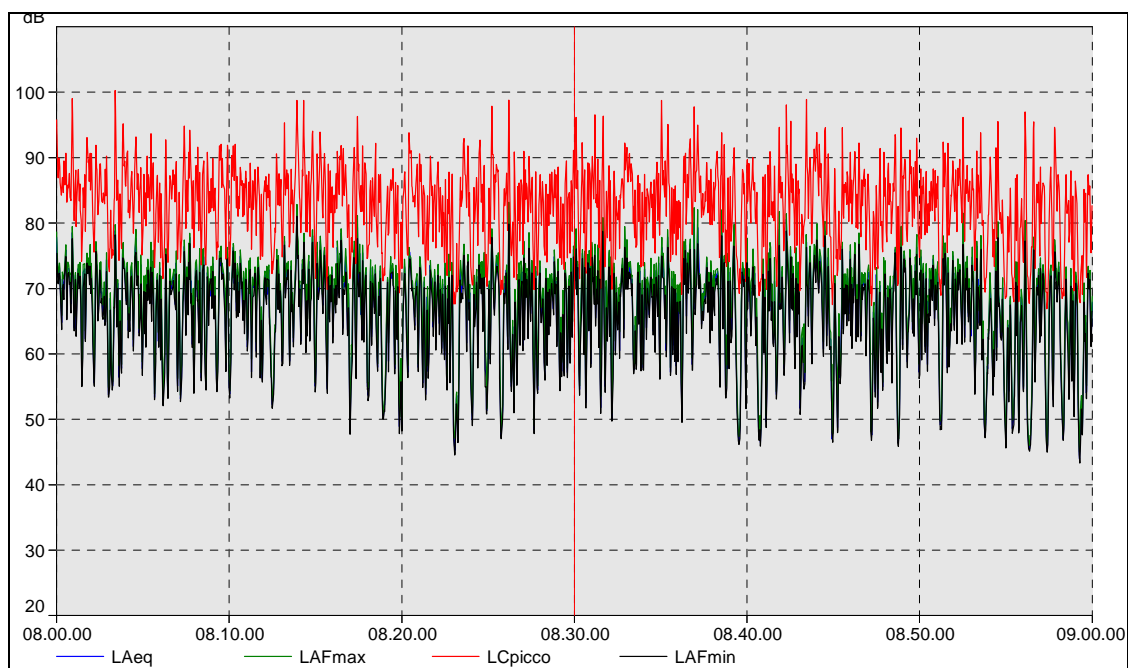
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
70,0	85,6	41,2	78,4	75,7	74,2	66,0	51,0	47,6	43,9

**ora 2 (07:00 – 08:00)**



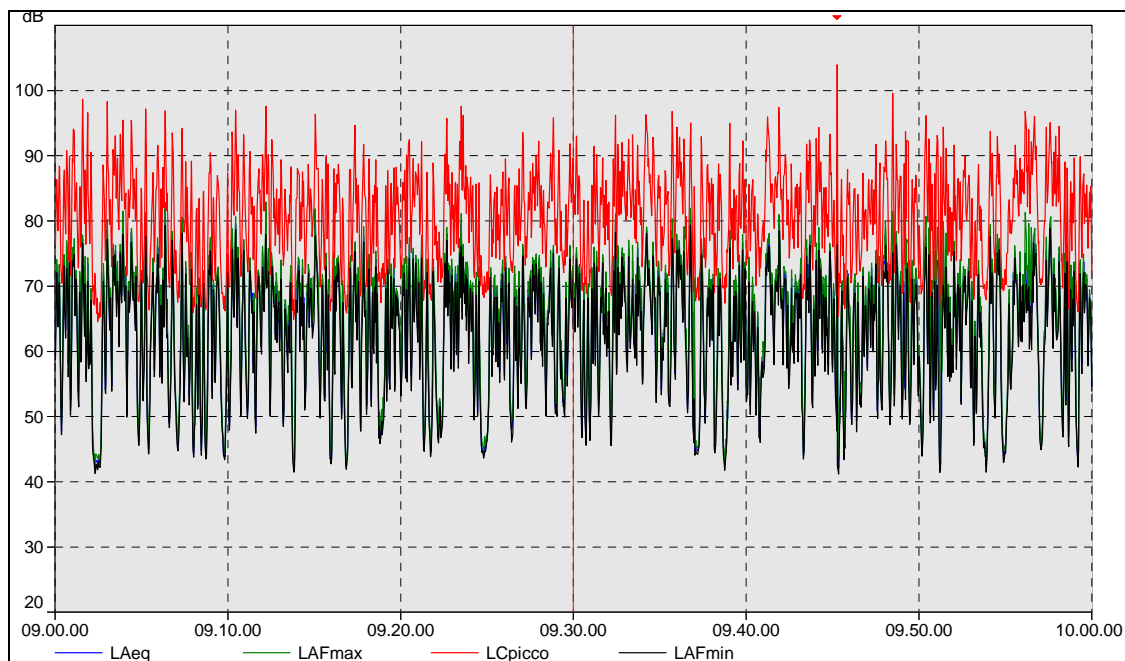
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA99</b> [dB]	<b>LA95</b> [dB]	<b>LA90</b> [dB]	<b>LA50</b> [dB]	<b>LA10</b> [dB]	<b>LA5</b> [dB]	<b>LA1</b> [dB]
70,8	92,8	42,5	79,3	75,8	74,3	68,5	51,6	48,4	45,0

**ora 3 (08:00 – 09:00)**



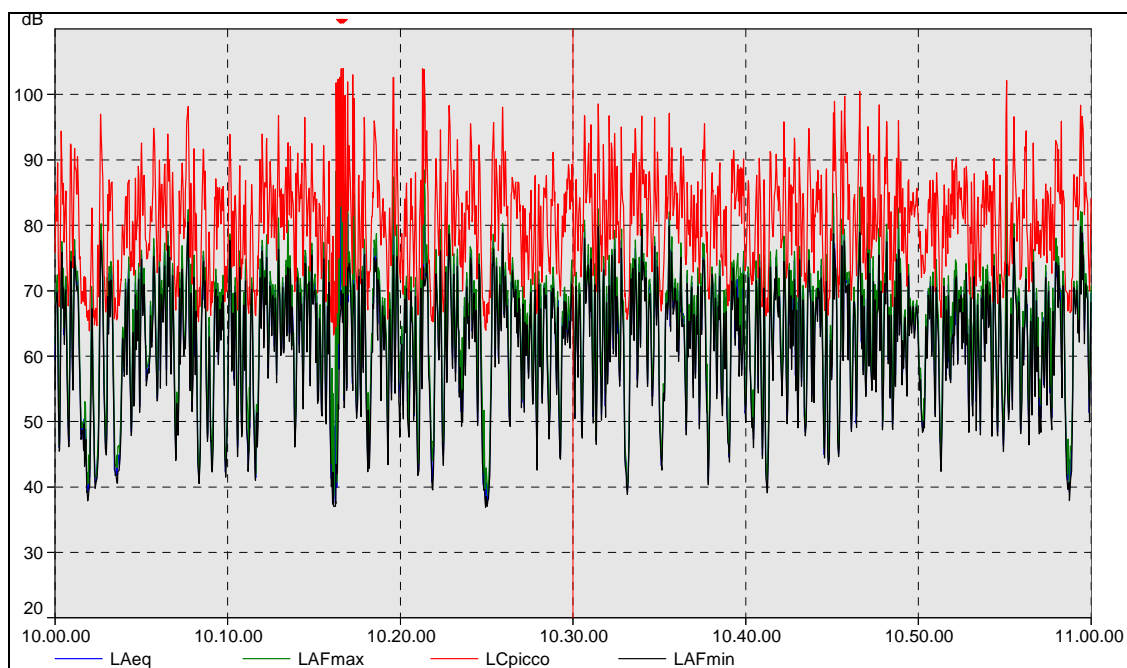
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
70,3	83,2	43,3	78,1	75,3	73,8	68,7	55,4	51,9	47,1

**ora 4 (09:00 – 10:00)**



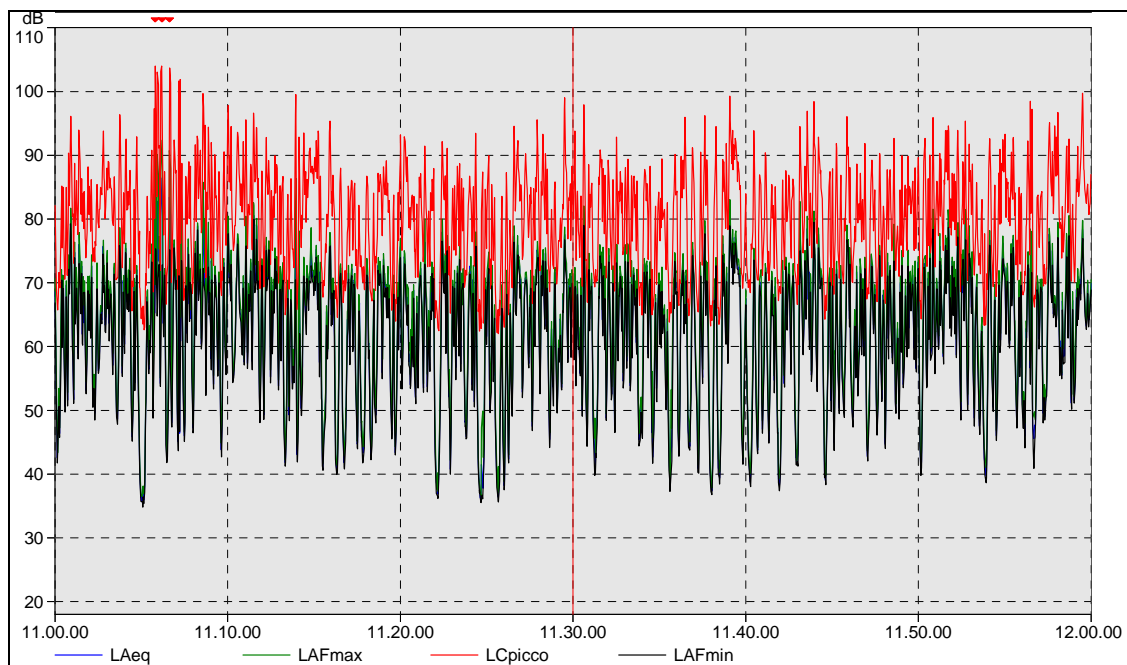
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
69,2	90,4	41,2	77,9	75,0	73,2	65,8	49,3	45,9	43,1

**ora 5 (10:00 – 11:00)**



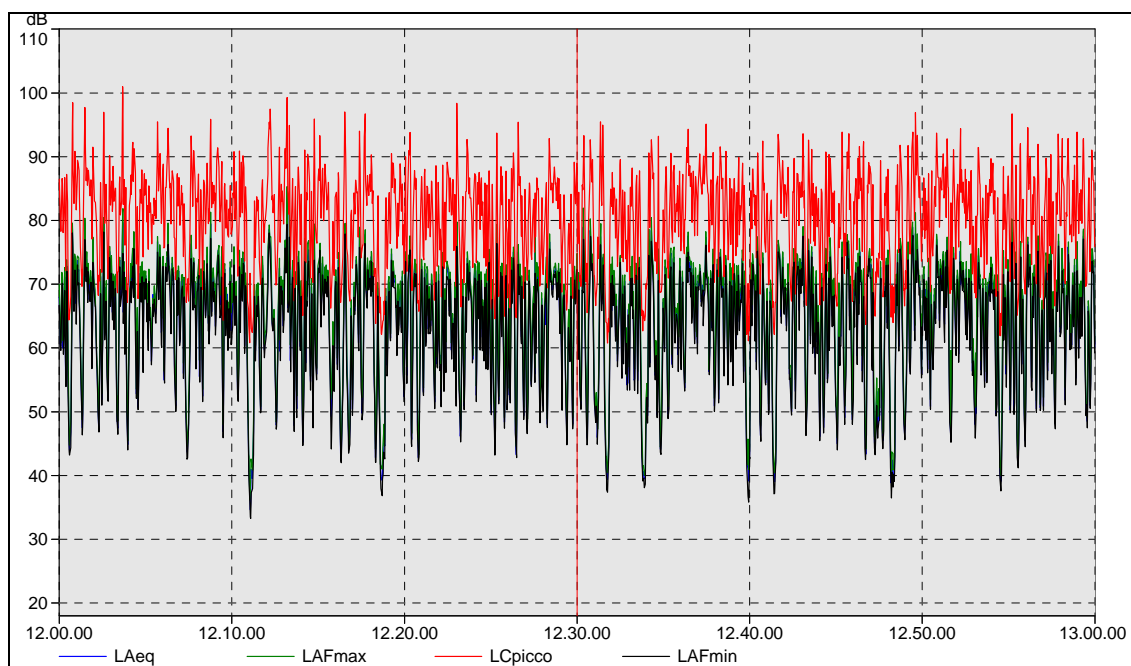
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
69,5	90,9	36,9	79,8	75,4	73,4	65,0	48,7	44,6	40,4

**ora 6 (11:00 – 12:00)**



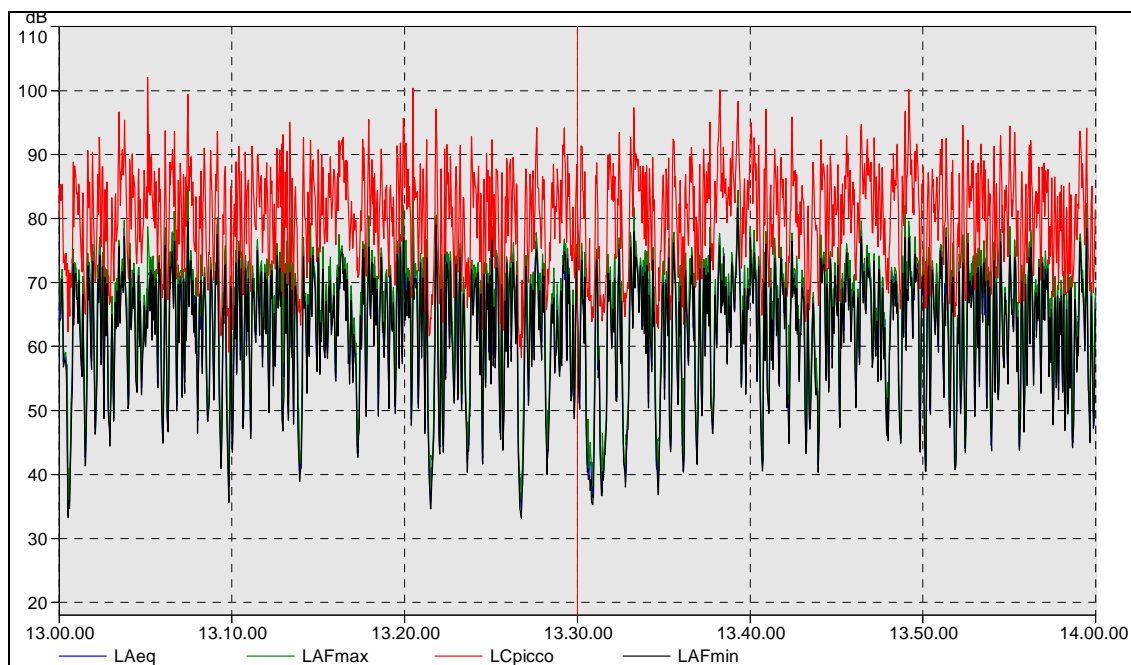
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
69,3	92,6	34,8	79,2	75,2	73,1	64,8	47,2	43,3	37,9

**ora 7 (12:00 – 13:00)**



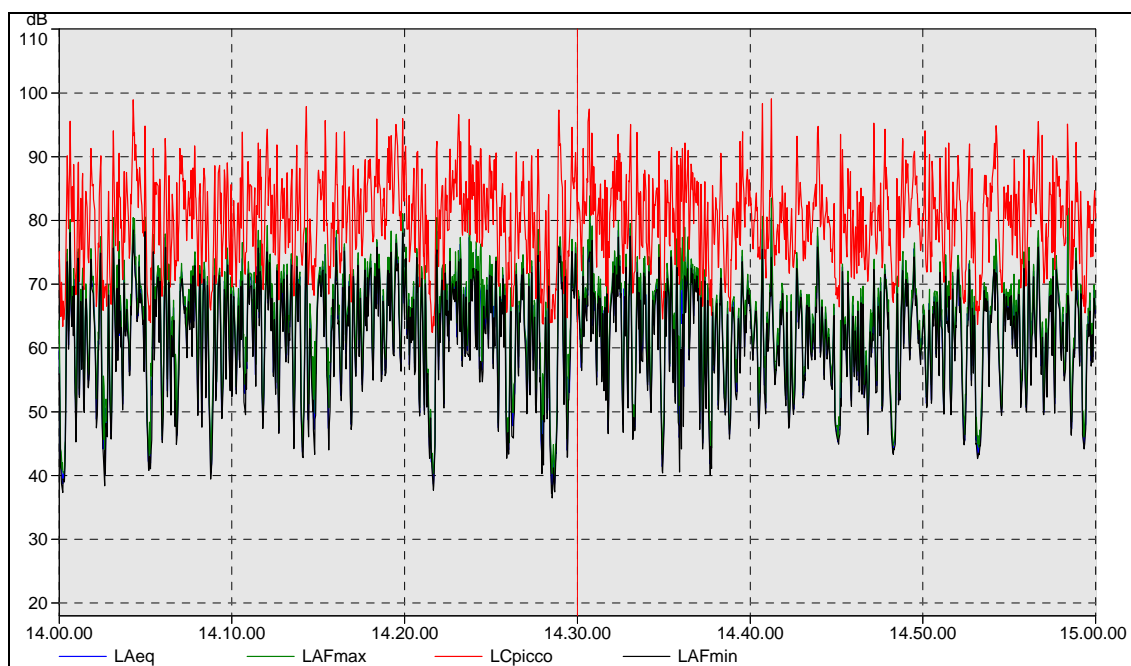
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
69,3	85,3	33,2	77,6	74,6	73,2	66,6	50,1	46,1	40,0

**ora 8 (13:00 – 14:00)**



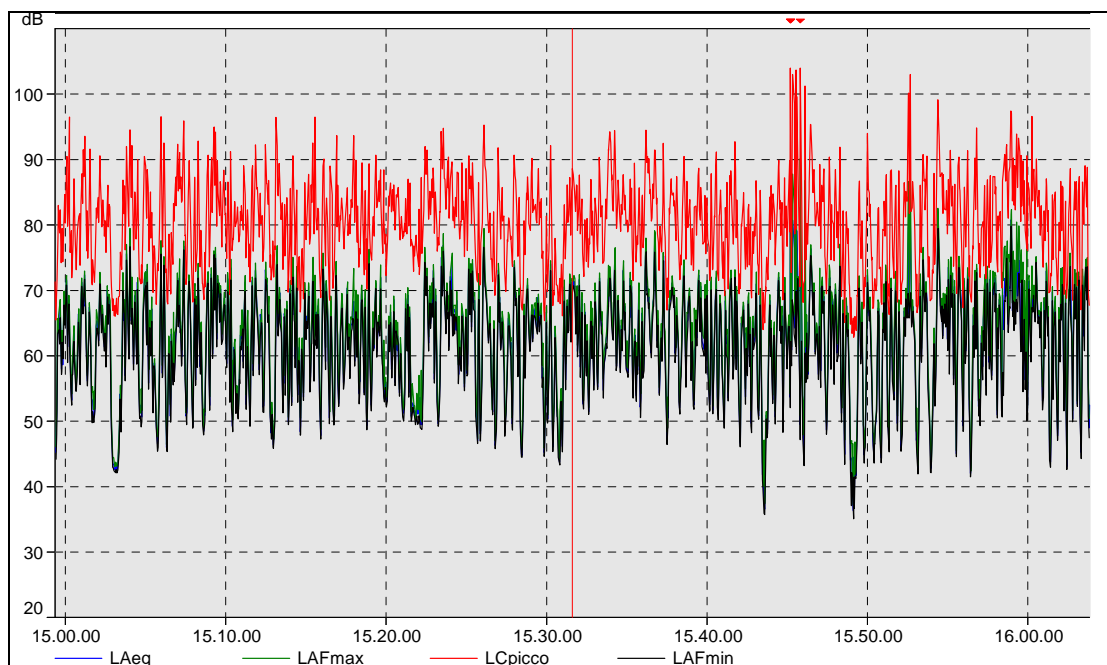
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
69,1	85,7	33,1	77,5	74,6	73,0	66,1	48,7	44,4	38,7

**ora 9 (14:00 – 15:00)**



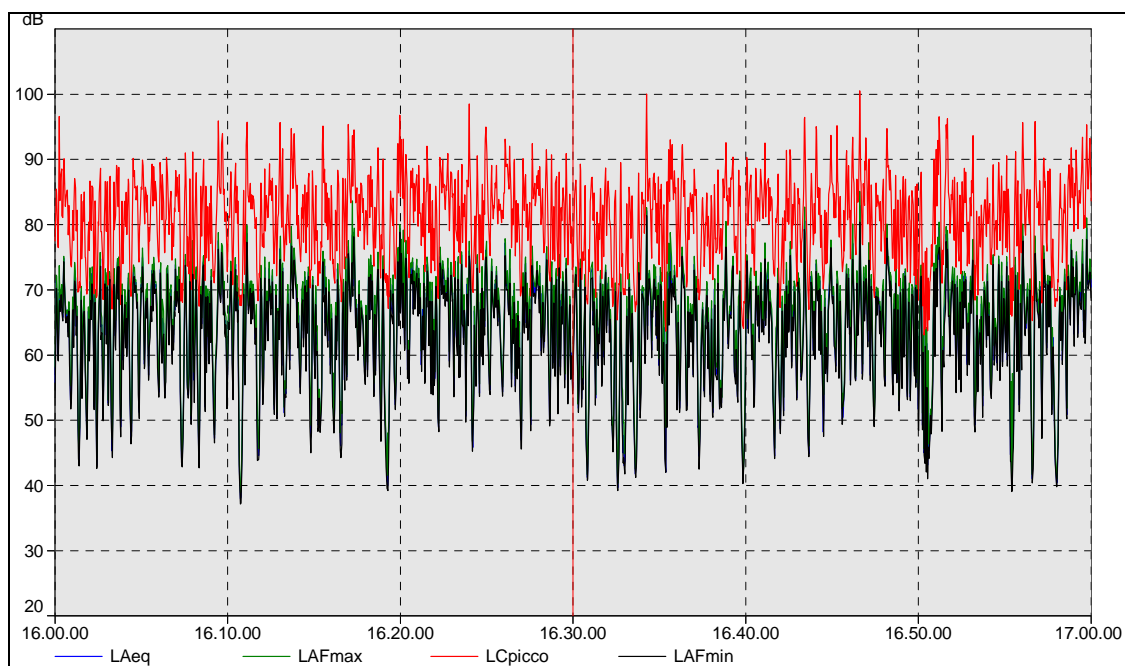
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
67,7	83,8	36,5	76,7	73,5	71,9	64,1	50,3	46,5	41,2

**ora 10 (15:00 – 16:00)**



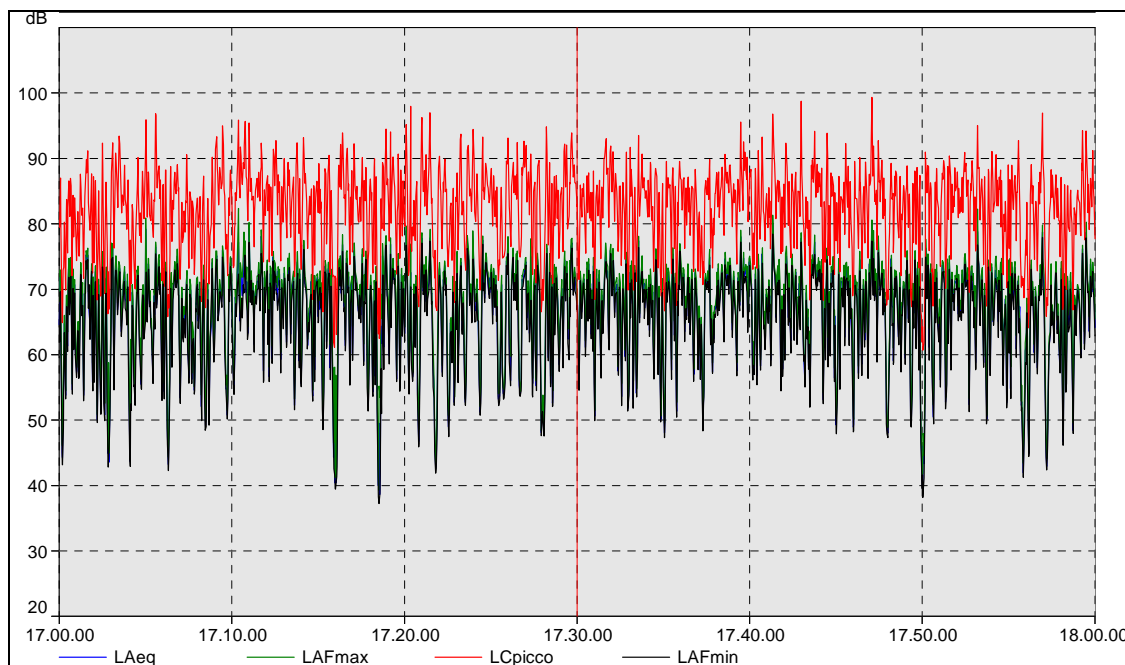
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
67,1	90,1	35,1	75,9	72,4	70,8	63,5	50,7	47,8	42,7

**ora 11 (16:00 – 17:00)**



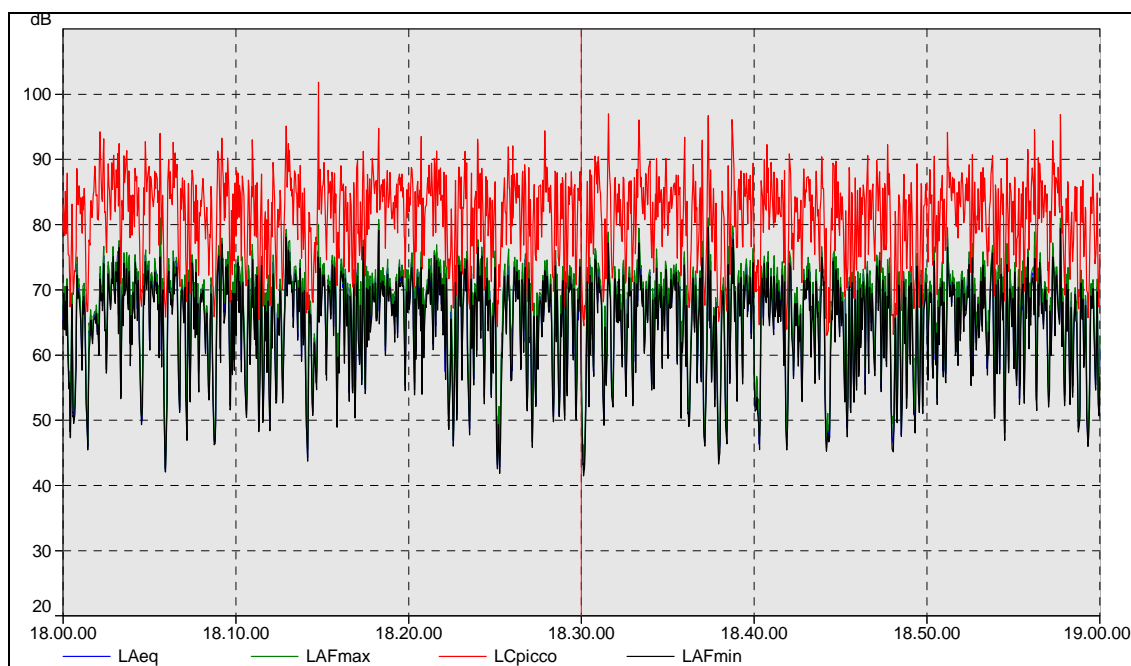
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
68,7	85,1	37,1	76,9	73,9	72,5	66,2	52,3	48,3	42,2

**ora 12 (17:00 – 18:00)**



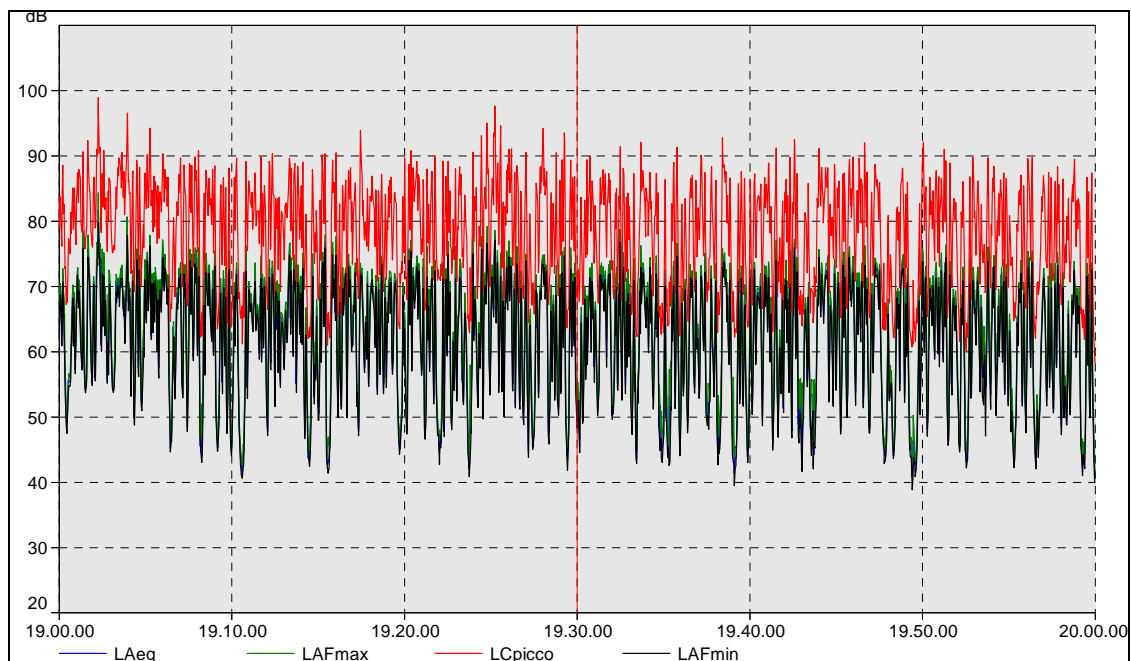
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
69,8	82,3	37,2	76,9	74,5	73,4	68,5	55,6	52,1	44,3

**ora 13 (18:00 – 19:00)**



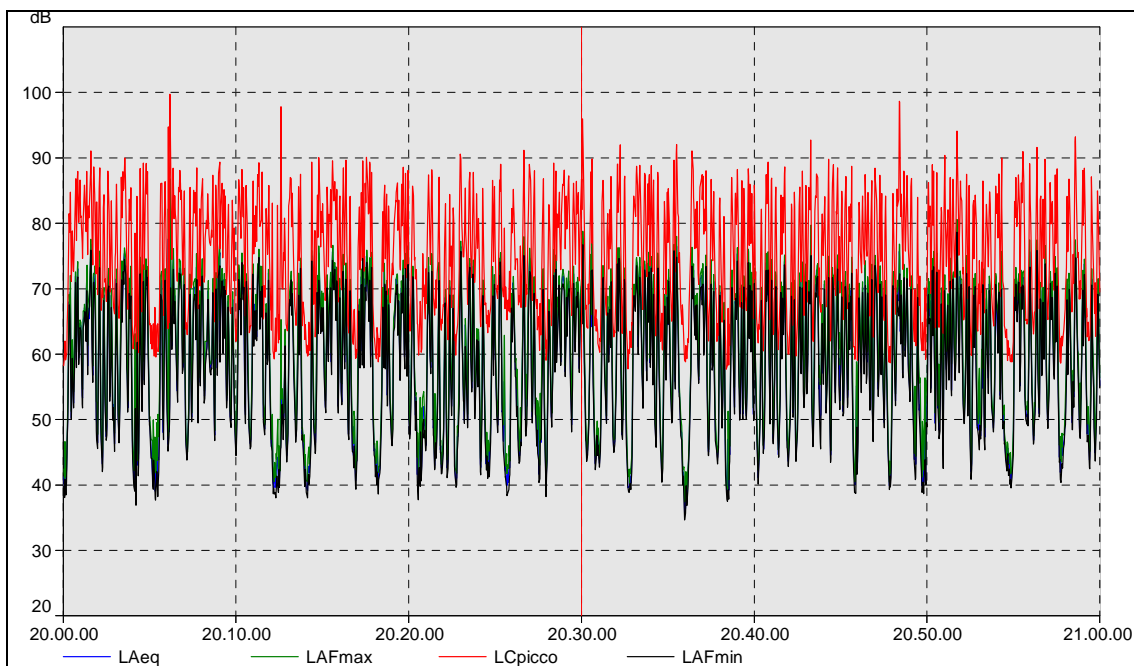
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
69,3	81,0	41,4	76,3	74,0	72,9	67,9	54,0	50,8	46,2

**ora 14 (19:00 – 20:00)**



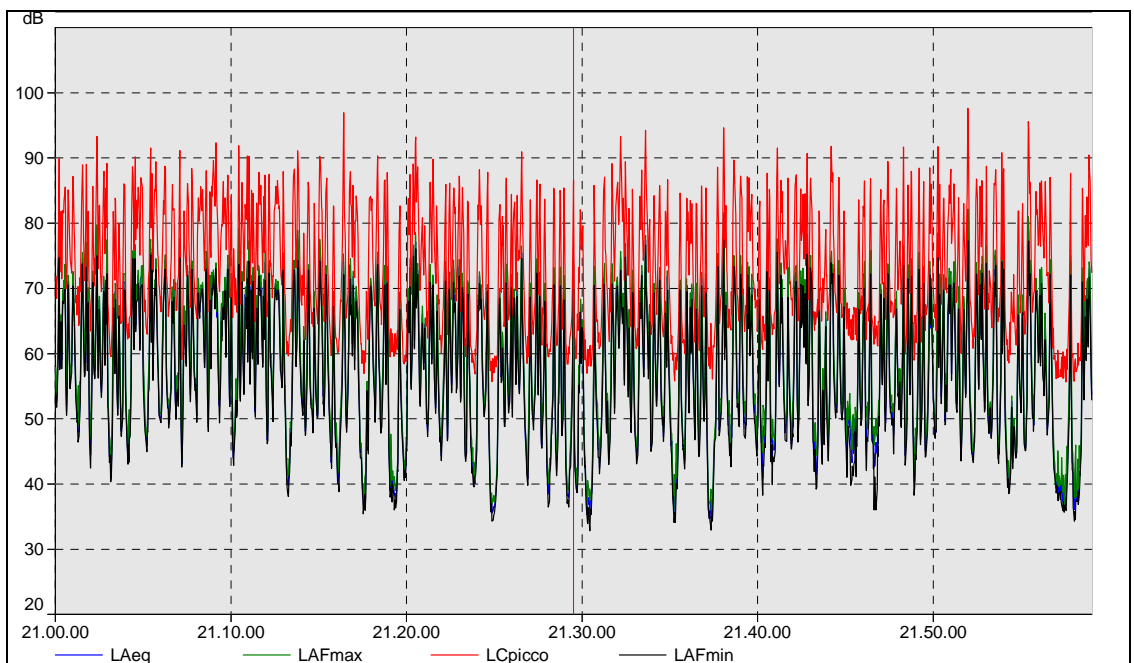
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
67,9	84,4	38,8	75,6	73,5	72,2	64,4	48,8	45,8	43,2

**ora 15 (20:00 – 21:00)**



<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
66,7	86,8	34,6	75,3	72,9	71,5	59,5	44,7	42,3	39,8

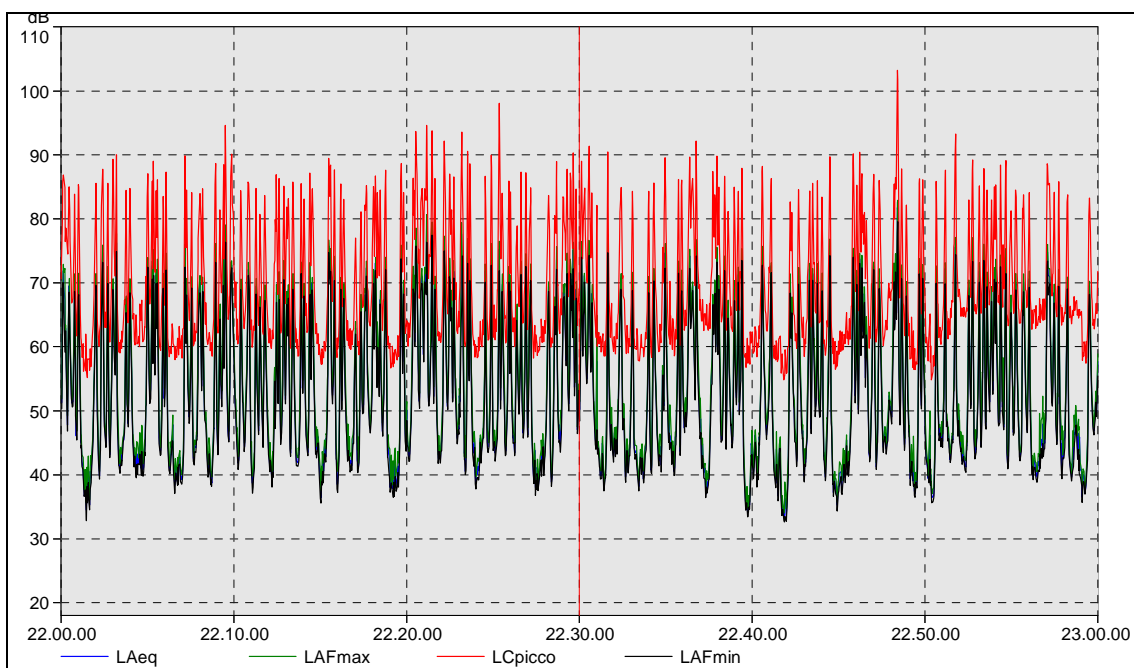
**ora 16 (21:00 – 22:00)**



<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
65,9	82,1	32,8	75,5	72,4	70,9	56,8	43,8	40,0	36,7

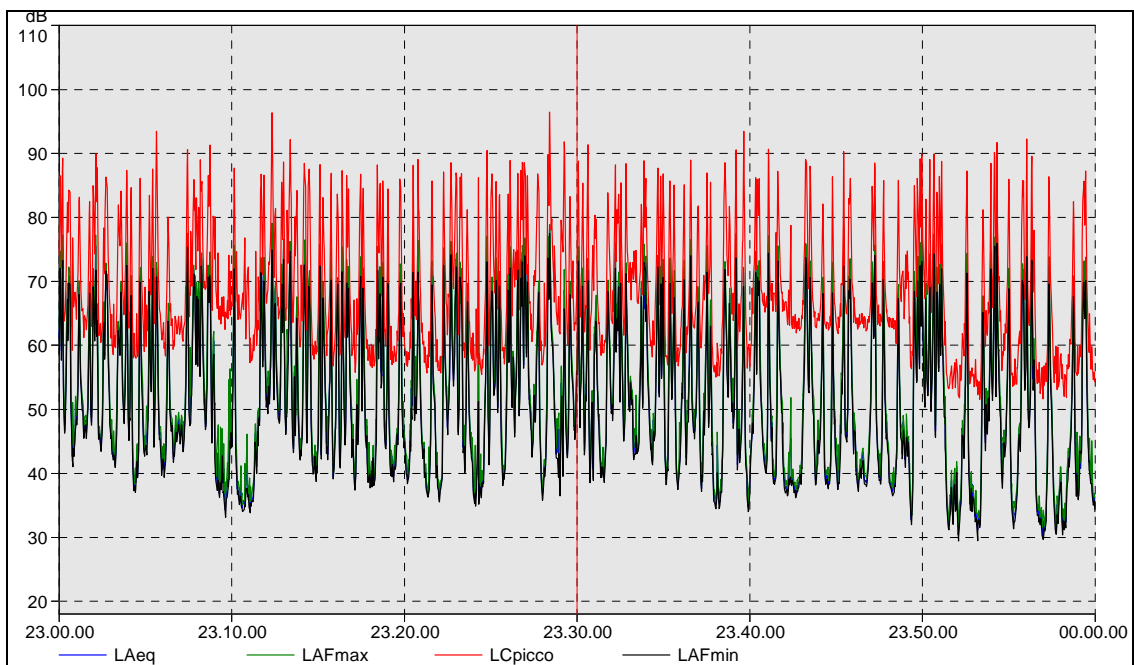


**ora 17 (22:00 – 23:00)**



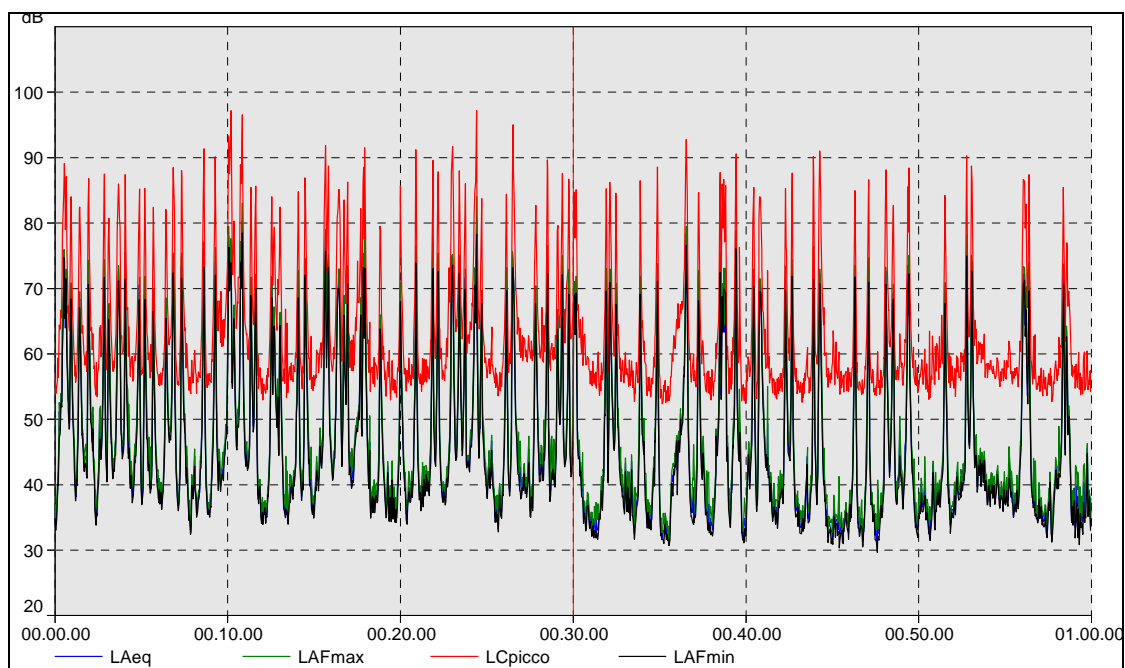
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
64,0	82,9	32,6	74,9	71,4	69,2	50,5	40,6	39,1	35,8

**ora 18 (23:00 – 24:00)**



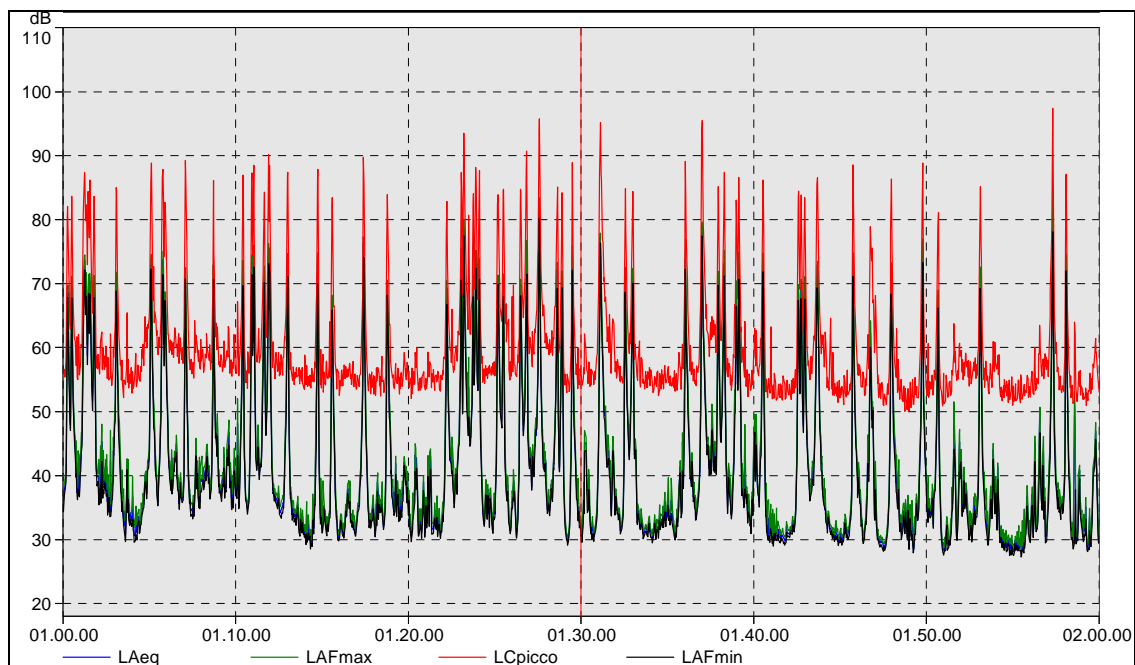
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
63,7	80,0	29,4	74,8	71,5	69,0	49,3	37,8	35,7	32,4

**ora 19 (24:00 – 01:00)**



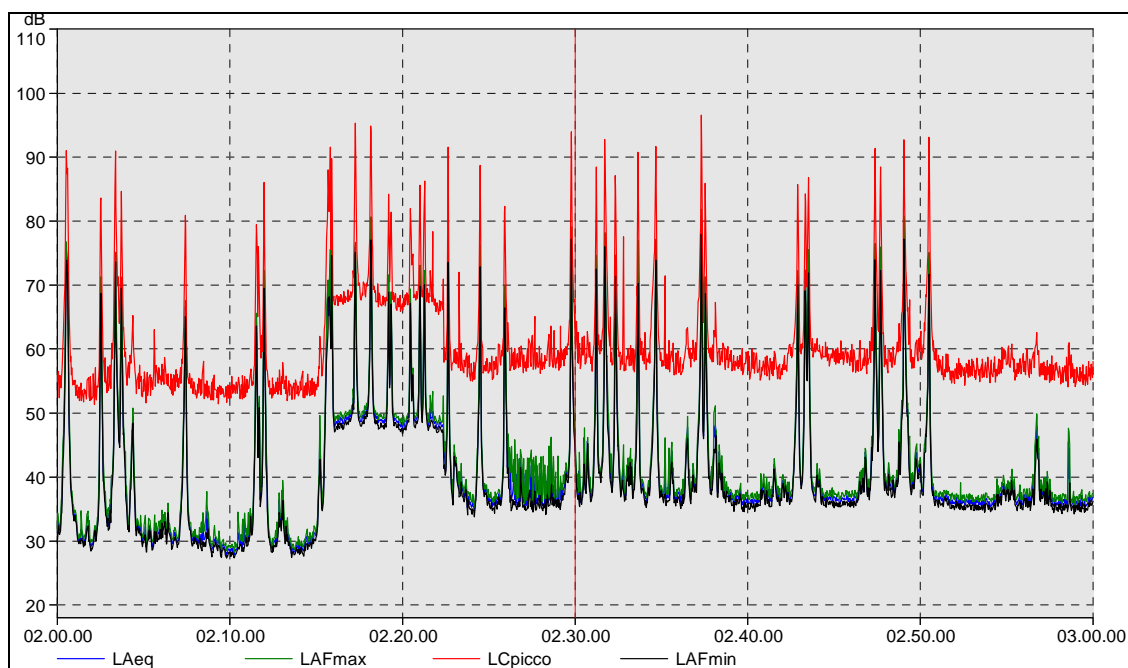
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
62,0	84,0	29,6	74,4	70,1	65,5	42,5	35,1	33,8	32,3

**ora 20 (01:00 – 02:00)**



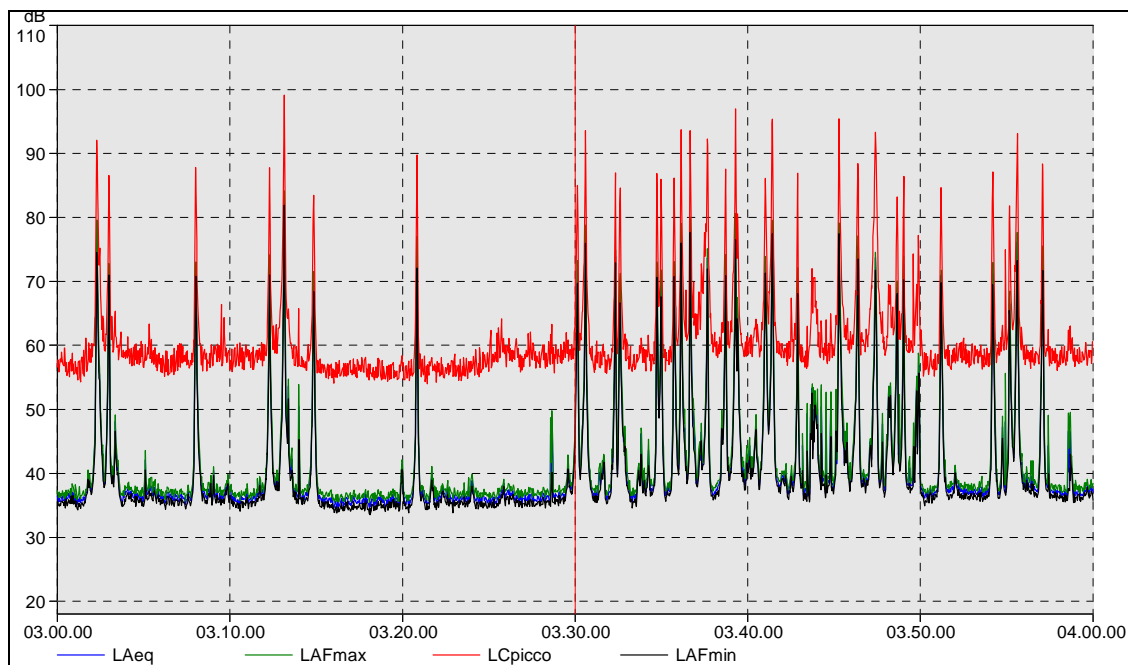
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
60,3	85,0	27,2	73,5	67,8	59,4	37,3	30,8	30,0	28,6

**ora 21 (02:00 – 03:00)**



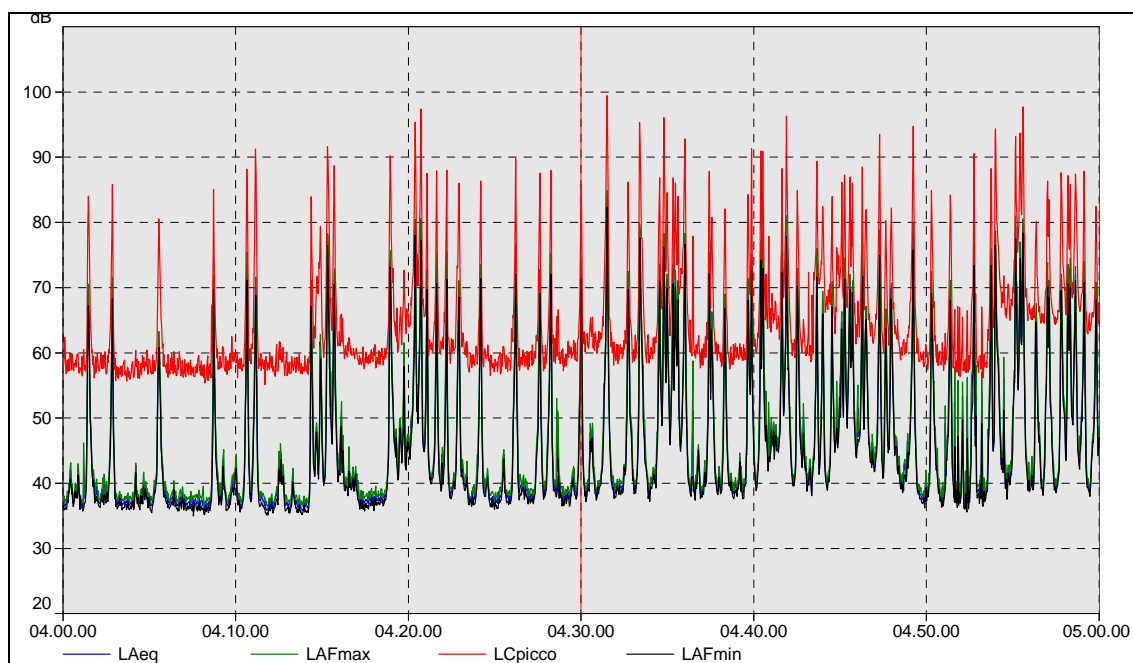
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
58,9	81,8	27,3	73,8	62,5	52,0	37,6	30,6	29,6	28,3

**ora 22 (03:00 – 04:00)**



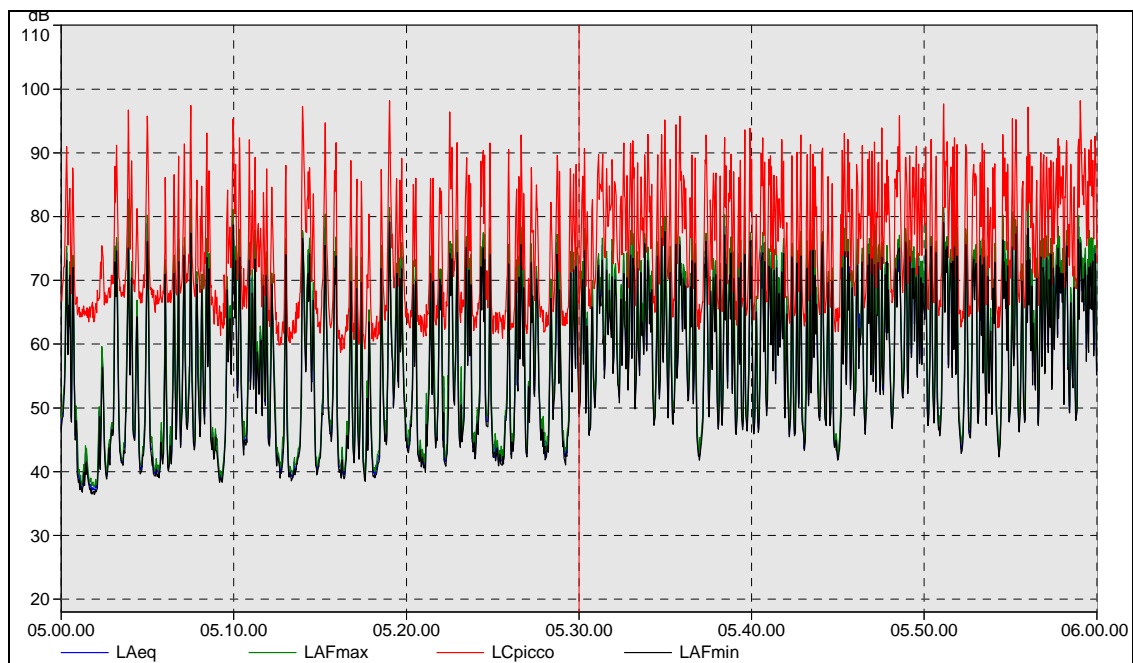
<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
59,2	84,1	33,5	73,2	61,9	51,8	37,6	35,6	35,3	35,0

**ora 23 (04:00 – 05:00)**



<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
62,0	84,9	34,9	75,4	69,2	62,5	41,5	37,2	36,7	36,1

**ora 24 (05:00 – 06:00)**



<b>LAeq</b> [dB]	<b>LAFmax</b> [dB]	<b>LAFmin</b> [dB]	<b>LA1</b> [dB]	<b>LA5</b> [dB]	<b>LA10</b> [dB]	<b>LA50</b> [dB]	<b>LA90</b> [dB]	<b>LA95</b> [dB]	<b>LA99</b> [dB]
67,6	84,3	36,4	77,0	74,6	72,7	56,7	42,6	40,6	38,2