



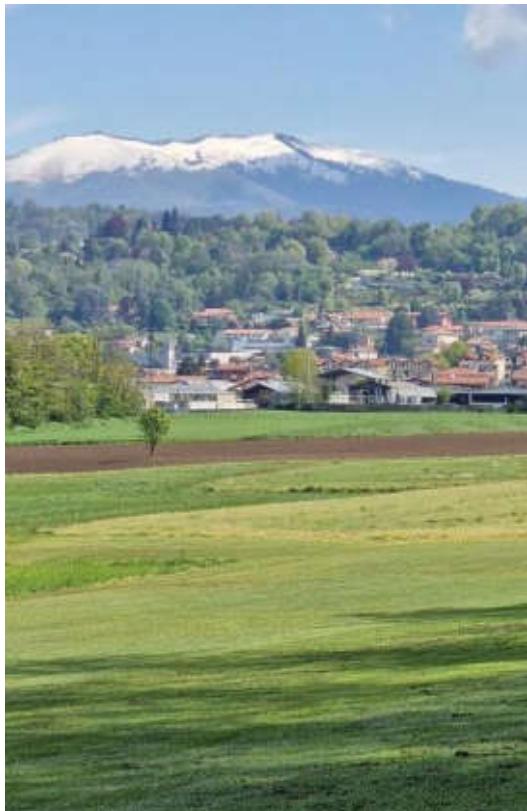
RF

Comune di Cucciago Provincia di Como



Via Sant'Arialdo, 2 – Cucciago 22060 (CO)

Aggiornamento del Piano di Classificazione Acustica



Fonte: 3B Meteo

Report rilievi fonometrici

Adottato con D.C.C. n. 15 del 28 aprile 2025

Approvato con D.C.C. n.

Marzo 2025



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RF

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Lavori pubblici, Ambiente e territorio

Ufficio Tecnico

Elisabetta Marchisio

Silvana Orsenigo

Emanuele Zaniboni



COMUNE DI CUCCIAGO

Provincia di Como

Scheda Rilievo n. 1

Punto di Misura:	P1 Istituto Comprensivo Cucciago-Grandate-Casnate Scuola Secondaria di Primo grado «Madre Teresa»
Coordinate rilievo	45°44'27"N 9°05'33"E



Data inizio rilievo	Data fine rilievo
11/10/2024	14/10/2024
Durata rilievo	254568 s
Zonizzazione acustica proposta	Classe I

Rilievo Diurno

LAeq	L95	L90	L50	L10	L5	L1
49,7	32,4	33,6	40,6	50,5	53,8	60,8
48,5	30,1	31,4	38,0	50,7	54,1	59,6
46,9	28,3	29,8	36,2	47,8	50,8	57,4
48,8	35,1	36,8	43,9	51,6	54,0	58,4

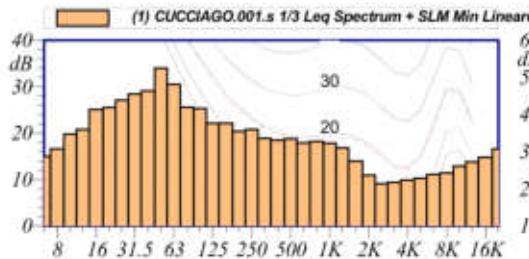
Rilievo Notturno

LAeq	L95	L90	L50	L10	L5	L1
37,5	26,6	27,6	31,7	36,8	40,3	47,7
37,4	23,7	24,4	28,4	37,1	41,4	49,7
36,7	26,9	27,4	29,6	37,5	41,4	48,9

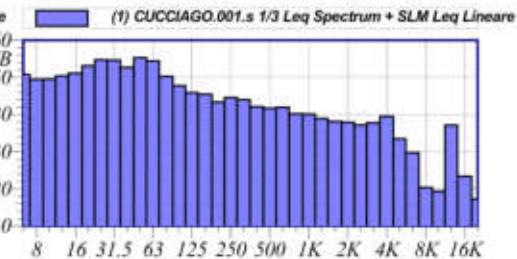


Nome misura: (1) CUCCIAGO.001.s
Località: SCUOLE
Strumentazione: 831 0002436
Durata: 29720 (secondi)
Nome operatore:
Data, ora misura: 11/10/2024 13:44:41
Over SLM: N/A
Over OBA: N/A

(1) CUCCIAGO.001.s 1/3 Leq Spectrum + SLM Leq Lineare				
12.5 Hz	50.4 dB	160 Hz	45.5 dB	2000 Hz
16 Hz	51.1 dB	200 Hz	43.3 dB	2500 Hz
20 Hz	53.2 dB	250 Hz	44.5 dB	3150 Hz
25 Hz	54.7 dB	315 Hz	44.0 dB	4000 Hz
31.5 Hz	54.6 dB	400 Hz	42.1 dB	5000 Hz
40 Hz	52.7 dB	500 Hz	41.7 dB	6300 Hz
50 Hz	55.3 dB	630 Hz	42.0 dB	8000 Hz
63 Hz	54.4 dB	800 Hz	40.2 dB	10000 Hz
80 Hz	50.3 dB	1000 Hz	40.1 dB	12500 Hz
100 Hz	47.8 dB	1250 Hz	38.9 dB	16000 Hz
125 Hz	45.9 dB	1600 Hz	38.1 dB	20000 Hz



L1: 60.8 dBA L5: 53.8 dBA
L10: 50.5 dBA L50: 40.6 dBA
L90: 33.6 dBA L95: 32.4 dBA



$L_{Aeq} = 49.7 \text{ dB}$

Annotazioni:

(1) CUCCIAGO.001.s - LAeq
(1) CUCCIAGO.001.s - LAeq - Running Leq

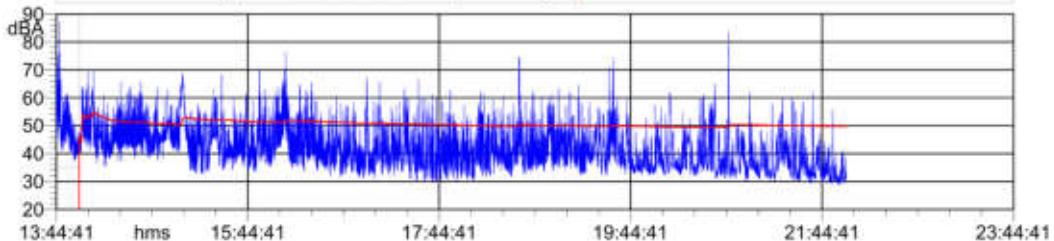
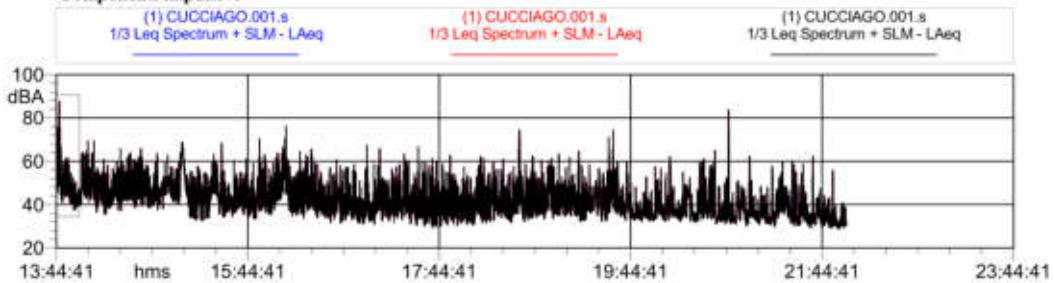


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	Leq
Totale	13:44:41	08:15:19.500	50.6 dBA
Non Mascherato	13:59:02	08:00:58.500	49.7 dBA
Mascherato	13:44:41	00:14:21	58.9 dBA
Nuova Maschera 1	13:44:41	00:14:21	58.9 dBA

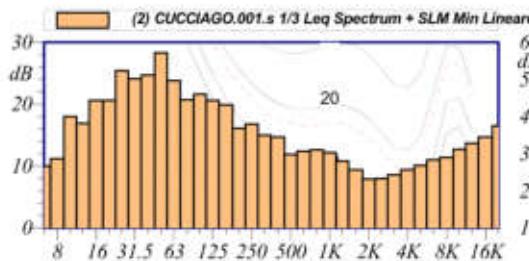
Componenti impulsive



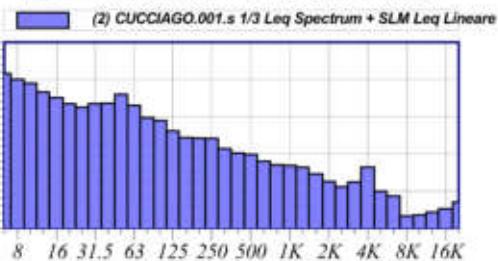


Nome misura: (2) CUCCIAGO.001.s
Località: SCUOLE
Strumentazione: 831 0002436
Durata: 28801 (secondi)
Nome operatore:
Data, ora misura: 11/10/2024 22:00:00
Over SLM: N/A
Over OBA: N/A

(2) CUCCIAGO.001.s 1/3 Leq Spectrum + SLM Leq Lineare				
12.5 Hz	46.6 dB	160 Hz	34.3 dB	2000 Hz
16 Hz	45.1 dB	200 Hz	34.2 dB	2500 Hz
20 Hz	43.5 dB	250 Hz	34.1 dB	3150 Hz
25 Hz	42.5 dB	315 Hz	31.4 dB	4000 Hz
31.5 Hz	43.5 dB	400 Hz	30.2 dB	5000 Hz
40 Hz	43.6 dB	500 Hz	29.8 dB	6300 Hz
50 Hz	46.0 dB	630 Hz	28.0 dB	8000 Hz
63 Hz	43.0 dB	800 Hz	27.0 dB	10000 Hz
80 Hz	39.7 dB	1000 Hz	26.8 dB	12500 Hz
100 Hz	38.9 dB	1250 Hz	26.3 dB	16000 Hz
125 Hz	36.1 dB	1600 Hz	24.6 dB	20000 Hz



L1: 47.7 dBA L5: 40.3 dBA
L10: 36.8 dBA L50: 31.7 dBA
L90: 27.6 dBA L95: 26.6 dBA



$L_{Aeq} = 37.5 \text{ dB}$

Annotazioni:

(2) CUCCIAGO.001.s - LAeq
(2) CUCCIAGO.001.s - LAeq - Running Leq

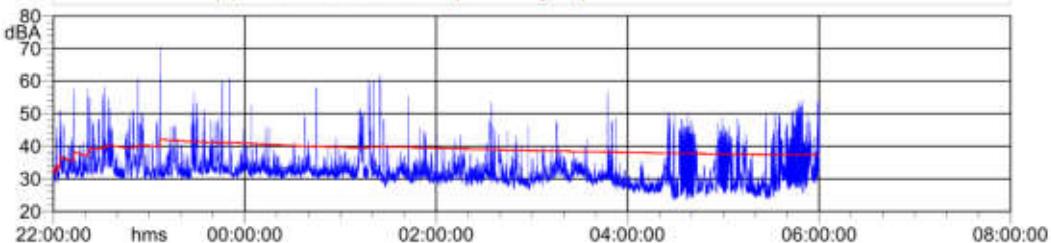
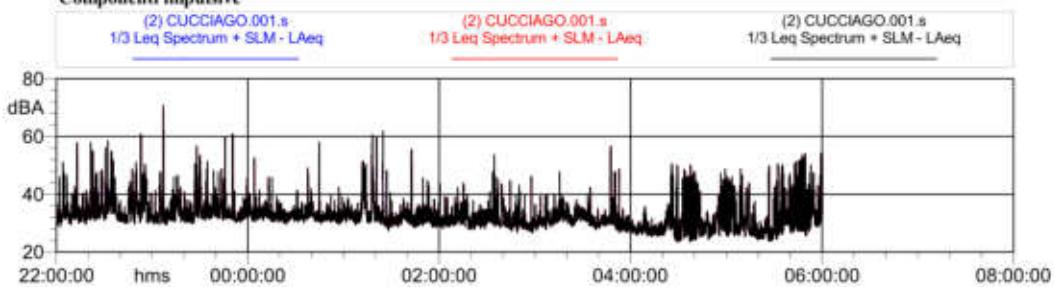


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	Leq
Totale	22:00:00	08:00:00 500	37.5 dBA
Non Mascherato	22:00:00	08:00:00 500	37.5 dBA
Mascherato		00:00:00	0.0 dBA

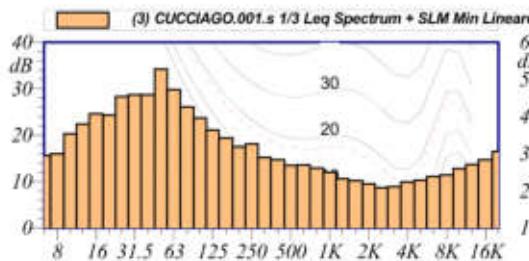
Componenti impulsive



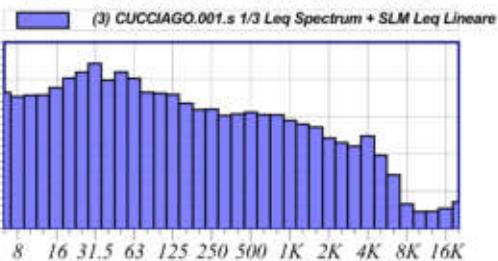


Nome misura: (3) CUCCIAGO.001.s
Località: SCUOLE
Strumentazione: 831 0002436
Durata: 57601 (secondi)
Nome operatore:
Data, ora misura: 12/10/2024 06:00:00
Over SLM: N/A
Over OBA: N/A

(3) CUCCIAGO.001.s 1/3 Leq Spectrum + SLM Leq Lineare				
12.5 Hz	45.8 dB	160 Hz	43.6 dB	2000 Hz
16 Hz	47.8 dB	200 Hz	41.9 dB	2500 Hz
20 Hz	50.4 dB	250 Hz	42.0 dB	3150 Hz
25 Hz	51.9 dB	315 Hz	40.3 dB	4000 Hz
31.5 Hz	54.3 dB	400 Hz	40.7 dB	5000 Hz
40 Hz	49.8 dB	500 Hz	41.2 dB	6300 Hz
50 Hz	52.0 dB	630 Hz	40.5 dB	8000 Hz
63 Hz	50.3 dB	800 Hz	40.5 dB	10000 Hz
80 Hz	46.5 dB	1000 Hz	38.9 dB	12500 Hz
100 Hz	46.3 dB	1250 Hz	38.0 dB	16000 Hz
125 Hz	45.9 dB	1600 Hz	37.2 dB	20000 Hz



L1: 59.6 dBA L5: 54.1 dBA
L10: 50.7 dBA L50: 38.0 dBA
L90: 31.4 dBA L95: 30.1 dBA



$L_{Aeq} = 48.5 \text{ dB}$

Annotazioni:

(3) CUCCIAGO.001.s - LAeq
(3) CUCCIAGO.001.s - LAeq - Running Leq

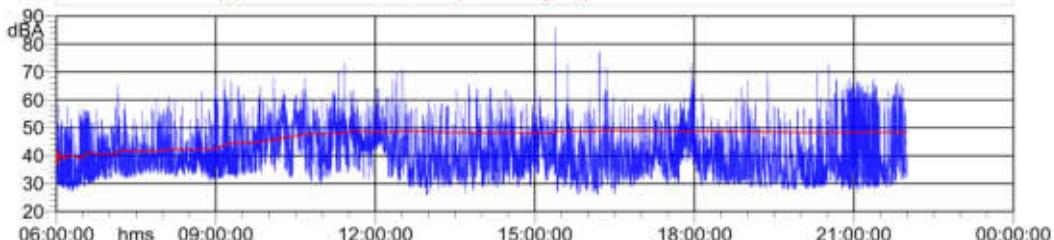
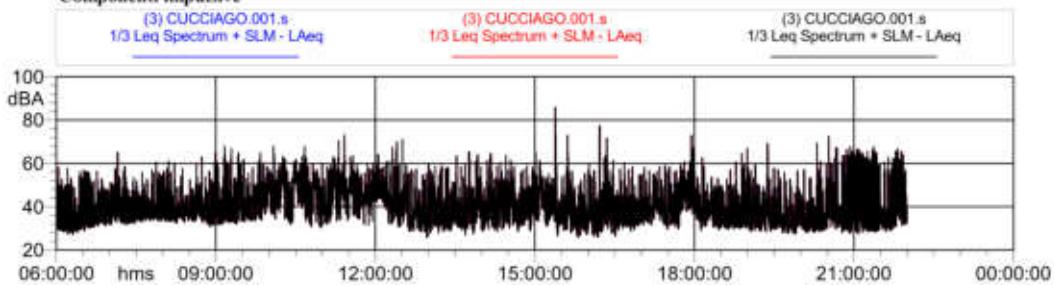


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	Leq
Total	06:00:00	16:00:00 500	48.5 dBA
Non Mascherato	06:00:00	16:00:00 500	48.5 dBA
Mascherato		00:00:00	0.0 dBA

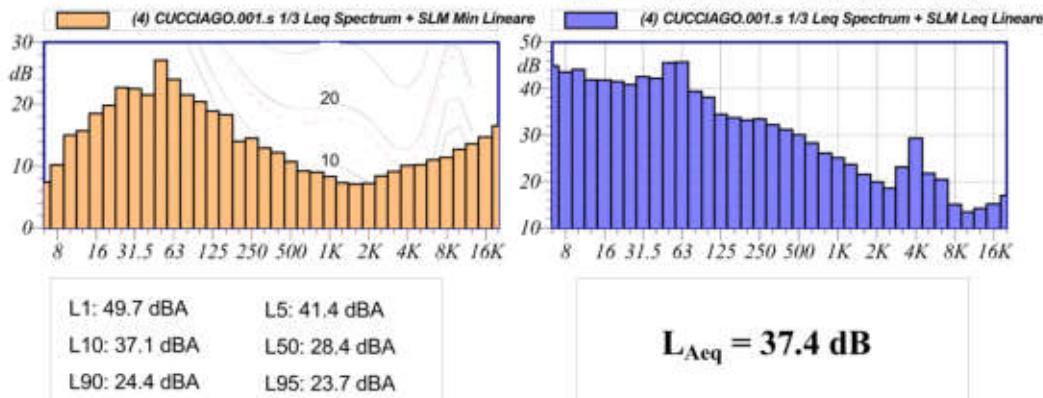
Componenti impulsive





Nome misura: (4) CUCCIAGO.001.s
Località: SCUOLE
Strumentazione: 831 0002436
Durata: 28801 (secondi)
Nome operatore:
Data, ora misura: 12/10/2024 22:00:00
Over SLM: N/A
Over OBA: N/A

(4) CUCCIAGO.001.s 1/3 Leq Spectrum + SLM Leq Lineare				
12.5 Hz	41.9 dB	160 Hz	33.7 dB	2000 Hz
16 Hz	41.9 dB	200 Hz	33.2 dB	2500 Hz
20 Hz	41.6 dB	250 Hz	33.5 dB	3150 Hz
25 Hz	40.9 dB	315 Hz	32.3 dB	4000 Hz
31.5 Hz	42.6 dB	400 Hz	31.2 dB	5000 Hz
40 Hz	42.2 dB	500 Hz	30.1 dB	6300 Hz
50 Hz	45.6 dB	630 Hz	28.3 dB	8000 Hz
63 Hz	45.7 dB	800 Hz	26.1 dB	10000 Hz
80 Hz	39.4 dB	1000 Hz	25.2 dB	12500 Hz
100 Hz	38.1 dB	1250 Hz	23.7 dB	16000 Hz
125 Hz	34.5 dB	1600 Hz	21.5 dB	20000 Hz
				17.0 dB



Annotazioni:

(4) CUCCIAGO.001.s - LAeq
(4) CUCCIAGO.001.s - LAeq - Running Leq

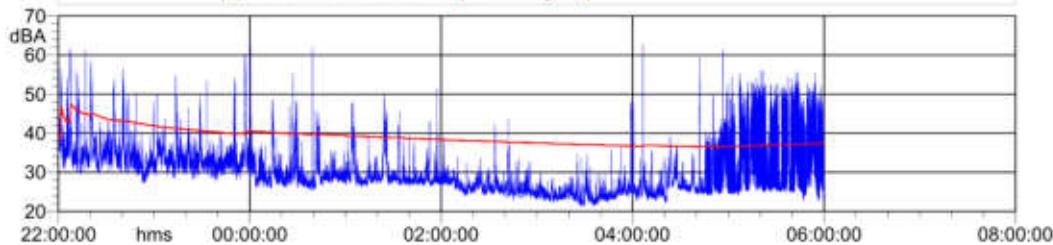
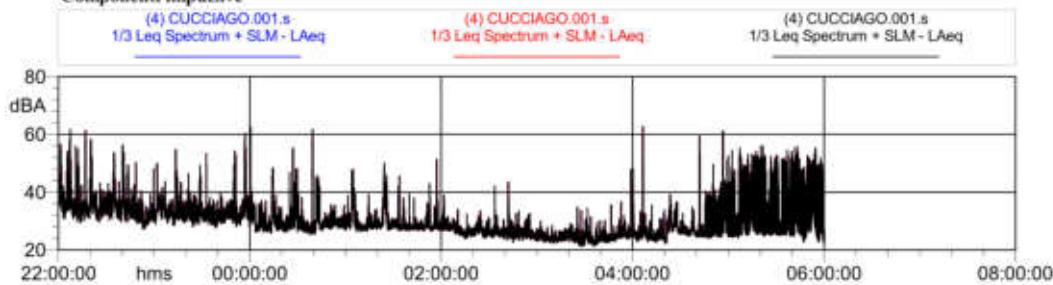


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	Leq
Total	22:00:00	08:00:00 500	37.4 dBA
Non Mascherato	22:00:00	08:00:00 500	37.4 dBA
Mascherato		00:00:00	0.0 dBA

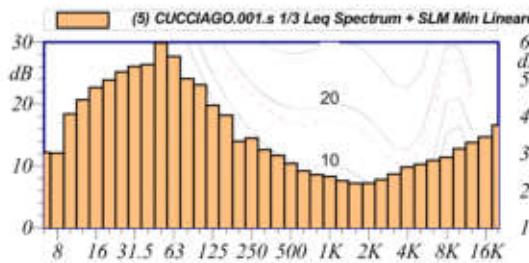
Componenti impulsive



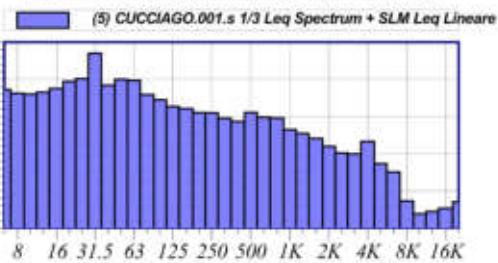


Nome misura: (5) CUCCIAGO.001.s
Località: SCUOLE
Strumentazione: 831 0002436
Durata: 57601 (secondi)
Nome operatore:
Data, ora misura: 13/10/2024 06:00:00
Over SLM: N/A
Over OBA: N/A

(5) CUCCIAGO.001.s 1/3 Leq Spectrum + SLM Leq Lineare				
12.5 Hz	46.5 dB	160 Hz	42.1 dB	2000 Hz
16 Hz	47.5 dB	200 Hz	41.0 dB	2500 Hz
20 Hz	49.4 dB	250 Hz	41.0 dB	3150 Hz
25 Hz	50.2 dB	315 Hz	39.5 dB	4000 Hz
31.5 Hz	57.0 dB	400 Hz	38.6 dB	5000 Hz
40 Hz	48.4 dB	500 Hz	41.1 dB	6300 Hz
50 Hz	50.0 dB	630 Hz	39.8 dB	8000 Hz
63 Hz	49.7 dB	800 Hz	39.6 dB	10000 Hz
80 Hz	45.9 dB	1000 Hz	36.4 dB	12500 Hz
100 Hz	44.5 dB	1250 Hz	35.4 dB	16000 Hz
125 Hz	42.7 dB	1600 Hz	34.1 dB	20000 Hz



L1: 57.4 dBA L5: 50.8 dBA
L10: 47.8 dBA L50: 36.2 dBA
L90: 29.8 dBA L95: 28.3 dBA



L_{Aeq} = 46.9 dB

Annotazioni:

(5) CUCCIAGO.001.s - LAeq
(5) CUCCIAGO.001.s - LAeq - Running Leq

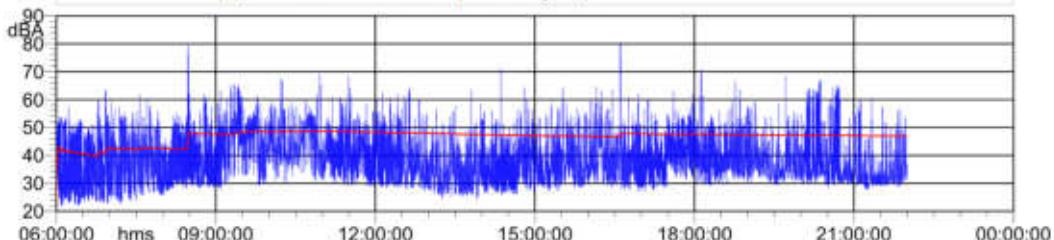
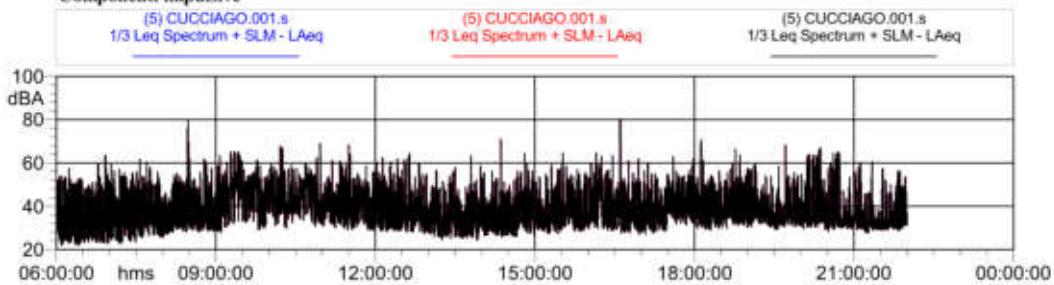


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	Leq
Totale	06:00:00	16:00:00.500	46.9 dBA
Non Mascherato	06:00:00	16:00:00.500	46.9 dBA
Mascherato		00:00:00	0.0 dBA

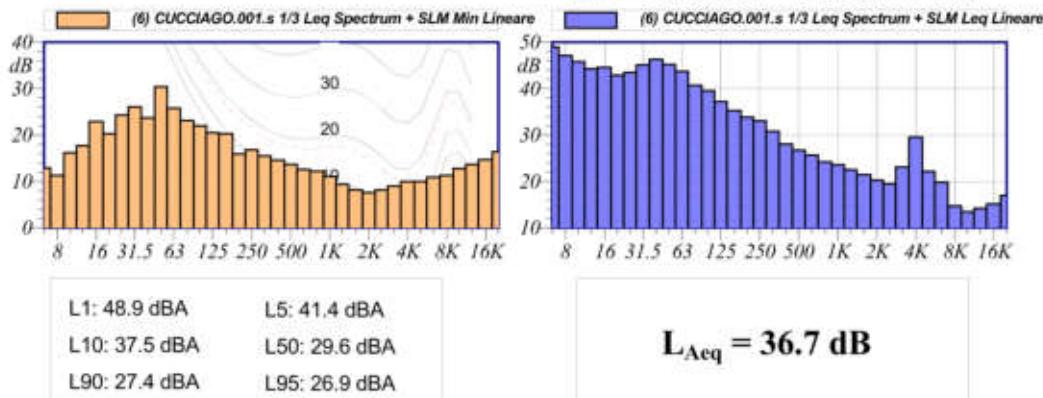
Componenti impulsive





Nome misura: (6) CUCCIAGO.001.s
Località: SCUOLE
Strumentazione: 831 0002436
Durata: 28801 (secondi)
Nome operatore:
Data, ora misura: 13/10/2024 22:00:00
Over SLM: N/A
Over OBA: N/A

(6) CUCCIAGO.001.s 1/3 Leq Spectrum + SLM Leq Lineare				
12.5 Hz	44.3 dB	160 Hz	35.3 dB	2000 Hz
16 Hz	44.5 dB	200 Hz	33.9 dB	2500 Hz
20 Hz	42.9 dB	250 Hz	33.1 dB	3150 Hz
25 Hz	43.5 dB	315 Hz	30.8 dB	4000 Hz
31.5 Hz	45.1 dB	400 Hz	28.1 dB	5000 Hz
40 Hz	46.3 dB	500 Hz	26.7 dB	6300 Hz
50 Hz	45.2 dB	630 Hz	25.7 dB	8000 Hz
63 Hz	43.7 dB	800 Hz	24.2 dB	10000 Hz
80 Hz	40.7 dB	1000 Hz	23.6 dB	12500 Hz
100 Hz	39.5 dB	1250 Hz	22.5 dB	16000 Hz
125 Hz	37.2 dB	1600 Hz	21.5 dB	20000 Hz



Annotazioni:

(6) CUCCIAGO.001.s - LAeq

(6) CUCCIAGO.001.s - LAeq - Running Leq

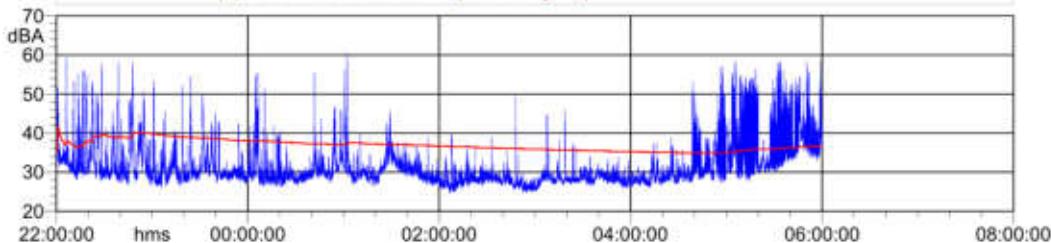
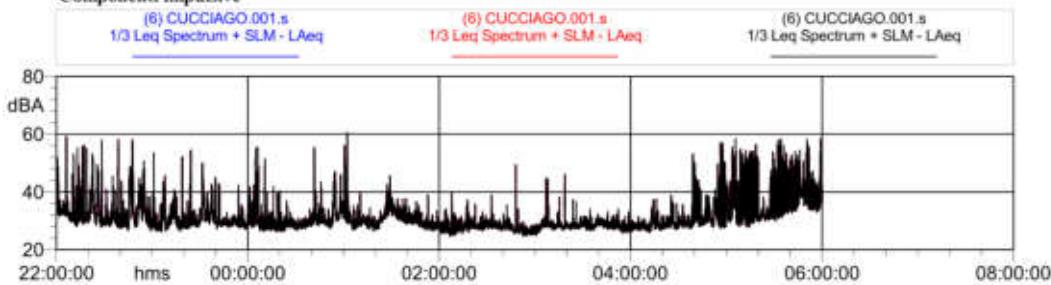


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	Leq
Totale	22:00:00	08:00:00.500	36.7 dBA
Non Mascherato	22:00:00	08:00:00.500	36.7 dBA
Mascherato		00:00:00	0.0 dBA

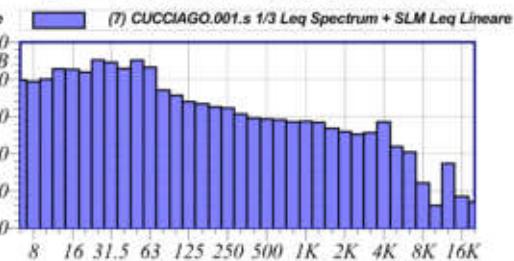
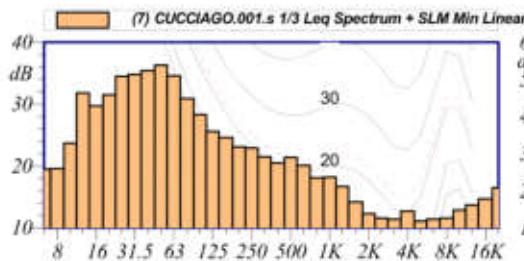
Componenti impulsive





Nome misura: (7) CUCCIAGO.001.s
Località: SCUOLE
Strumentazione: 831 0002436
Durata: 23249 (secondi)
Nome operatore:
Data, ora misura: 14/10/2024 06:00:00
Over SLM: N/A
Over OBA: N/A

(7) CUCCIAGO.001.s 1/3 Leq Spectrum + SLM Leq Lineare				
12.5 Hz	52.8 dB	160 Hz	43.4 dB	2000 Hz
16 Hz	52.7 dB	200 Hz	42.6 dB	2500 Hz
20 Hz	51.9 dB	250 Hz	42.3 dB	3150 Hz
25 Hz	55.2 dB	315 Hz	40.7 dB	4000 Hz
31.5 Hz	54.6 dB	400 Hz	39.6 dB	5000 Hz
40 Hz	52.9 dB	500 Hz	39.3 dB	6300 Hz
50 Hz	55.2 dB	630 Hz	39.1 dB	8000 Hz
63 Hz	53.3 dB	800 Hz	38.6 dB	10000 Hz
80 Hz	47.1 dB	1000 Hz	38.7 dB	12500 Hz
100 Hz	45.7 dB	1250 Hz	38.4 dB	16000 Hz
125 Hz	44.0 dB	1600 Hz	36.8 dB	20000 Hz



L1: 58.4 dBA L5: 54.0 dBA
L10: 51.6 dBA L50: 43.9 dBA
L90: 36.8 dBA L95: 35.1 dBA

L_{Aeq} = 48.8 dB

Annotazioni:

(7) CUCCIAGO.001.s - LAeq
(7) CUCCIAGO.001.s - LAeq - Running Leq

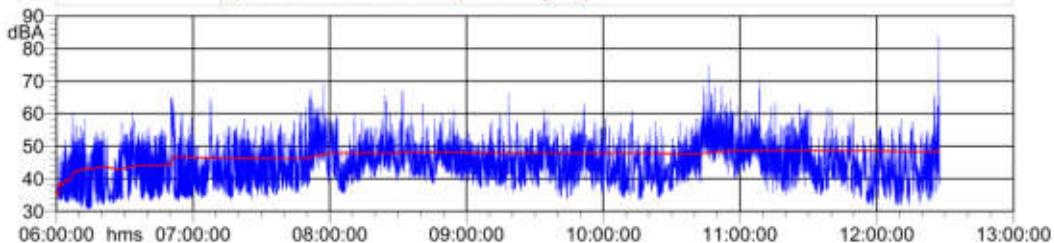
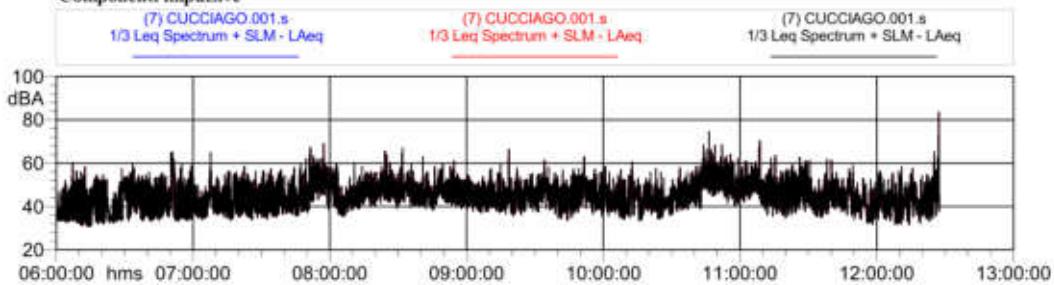


Tabella Automatica delle Mascherature.

Nome	Inizio	Durata	Leq
Totale	06:00:00	06:27:28.500	48.8 dBA
Non Mascherato	06:00:00	06:27:28.500	48.8 dBA
Mascherato		00:00:00	0.0 dBA

Componenti impulsive





COMUNE DI CUCCIAGO

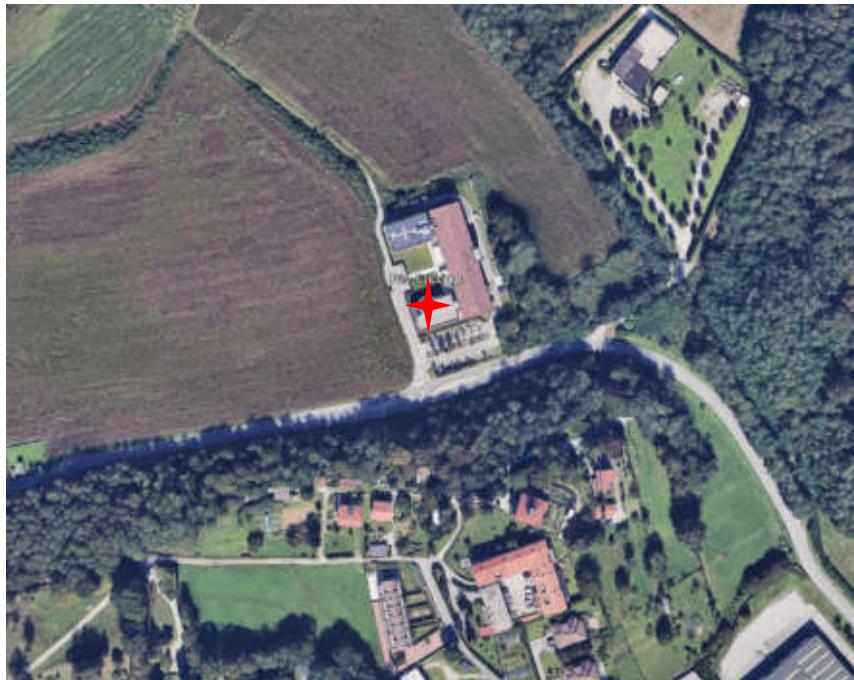
Provincia di Como

Scheda Rilievo n. 2

Punto di Misura:	P2 RSA Pascoli Via Navedano, 26, 22060 Cucciago CO
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Coordinate rilievo

45°44'46"N 9°06'14"E



Data inizio rilievo	Data fine rilievo
11/10/2024	12/10/2024
Durata rilievo	83072 s
Zonizzazione acustica proposta	Classe II

Rilievo Diurno

LAeq	L95	L90	L50	L10	L5	L1
56,0	44,8	46,7	53,6	58,7	60,4	64,8
58,7	50,0	51,3	55,2	60,0	61,3	71,1

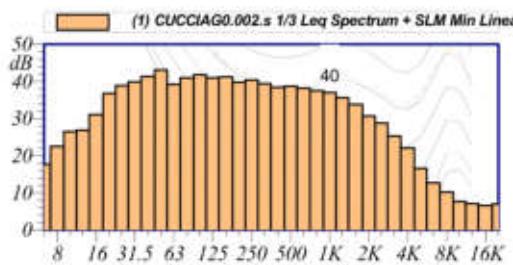
Rilievo Notturno

LAeq	L95	L90	L50	L10	L5	L1
50,3	43,3	43,8	48,4	53,1	54,4	57,6

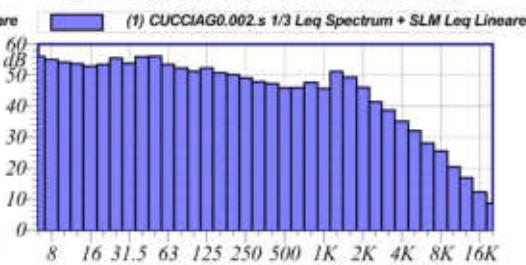


Nome misura: (1) CUCCIAGO.002.s
Località: RSA Pascoli
Strumentazione: 831C 11541
Durata: 27535 (secondi)
Nome operatore: Federico Bassani
Data, ora misura: 11/10/2024 13:21:06
Over SLM: N/A
Over OBA: N/A

(1) CUCCIAGO.002.s 1/3 Leq Spectrum + SLM Leq Lineare				
12.5 Hz	53.7 dB	160 Hz	50.8 dB	2000 Hz
16 Hz	52.9 dB	200 Hz	50.2 dB	2500 Hz
20 Hz	53.5 dB	250 Hz	49.1 dB	3150 Hz
25 Hz	55.5 dB	315 Hz	47.9 dB	4000 Hz
31.5 Hz	53.9 dB	400 Hz	47.3 dB	5000 Hz
40 Hz	56.0 dB	500 Hz	45.9 dB	6300 Hz
50 Hz	58.2 dB	630 Hz	46.0 dB	8000 Hz
63 Hz	53.5 dB	800 Hz	47.7 dB	10000 Hz
80 Hz	52.3 dB	1000 Hz	45.7 dB	12500 Hz
100 Hz	51.3 dB	1250 Hz	51.2 dB	16000 Hz
125 Hz	52.3 dB	1600 Hz	49.3 dB	20000 Hz
				8.0 dB



L1: 65.4 dBA L5: 59.0 dBA
L10: 57.0 dBA L50: 53.2 dBA
L90: 50.6 dBA L95: 50.0 dBA



L_{Aeq} = 56.0 dB

Annotazioni:

(1) CUCCIAGO.002.s - LAeq
(1) CUCCIAGO.002.s - LAeq - Running Leq

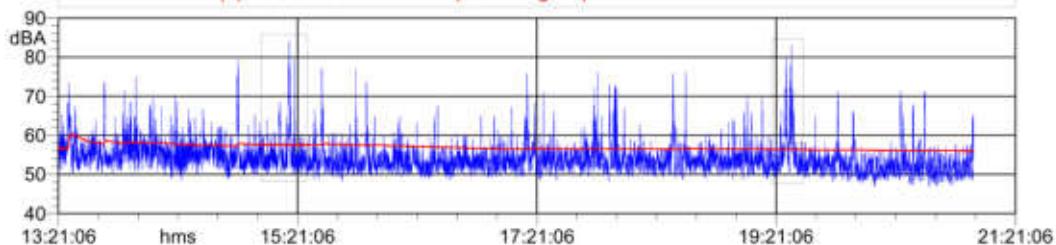
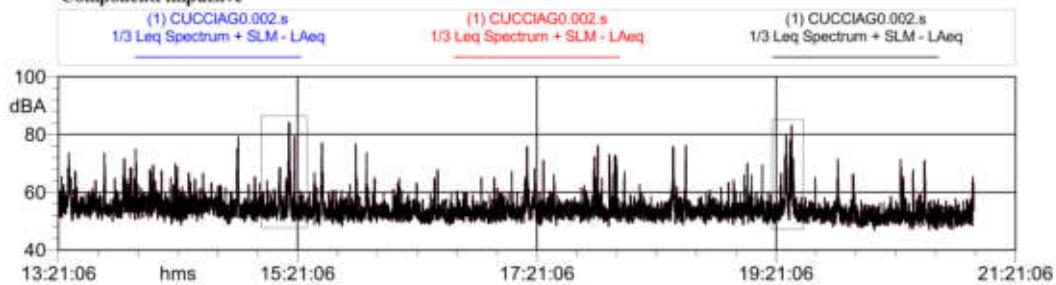


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	Leq
Total	13:21:06	07:38:54.500	57.3 dBA
Non Mascherato	13:21:06	07:00:45.500	56.0 dBA
Mascherato	15:02:47	00:38:09	63.2 dBA
Nuova Maschera 2	15:02:47	00:22:51	62.8 dBA
Nuova Maschera 1	19:19:09	00:15:18	63.8 dBA

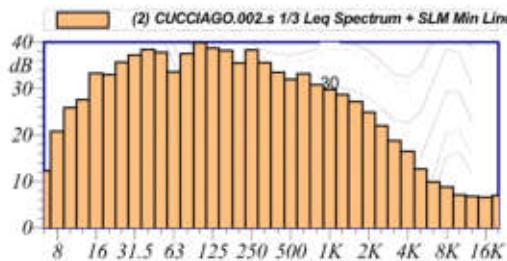
Componenti impulsive



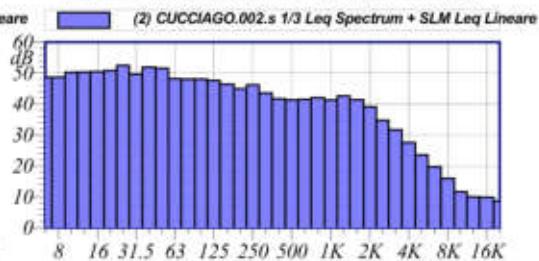


Nome misura: (2) CUCCIAGO.002.s
Località: RSA Pascoli
Strumentazione: 831C 11541
Durata: 28801 (secondi)
Nome operatore: Federico Bassani
Data, ora misura: 11/10/2024 22:00:00
Over SLM: N/A
Over OBA: N/A

(2) CUCCIAGO.002.s 1/3 Leq Spectrum + SLM Leq Lineare				
12.5 Hz	50.3 dB	160 Hz	46.4 dB	2000 Hz
16 Hz	50.5 dB	200 Hz	44.9 dB	2500 Hz
20 Hz	50.8 dB	250 Hz	46.2 dB	3150 Hz
25 Hz	52.5 dB	315 Hz	43.6 dB	4000 Hz
31.5 Hz	49.7 dB	400 Hz	41.7 dB	5000 Hz
40 Hz	51.9 dB	500 Hz	41.3 dB	6300 Hz
50 Hz	51.6 dB	630 Hz	41.5 dB	8000 Hz
63 Hz	48.2 dB	800 Hz	42.0 dB	10000 Hz
80 Hz	48.0 dB	1000 Hz	41.3 dB	12500 Hz
100 Hz	48.0 dB	1250 Hz	42.6 dB	16000 Hz
125 Hz	47.6 dB	1600 Hz	41.4 dB	20000 Hz



L1: 57.6 dBA L5: 54.4 dBA
L10: 53.1 dBA L50: 48.4 dBA
L90: 43.8 dBA L95: 43.3 dBA



L_{Aeq} = 50.3 dB

Annotazioni:

(2) CUCCIAGO.002.s - LAeq
(2) CUCCIAGO.002.s - LAeq - Running Leq

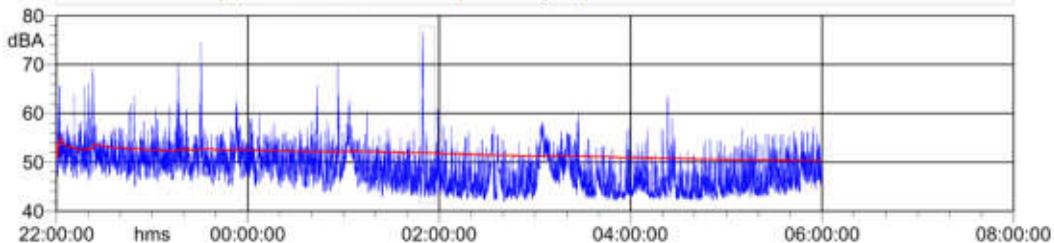
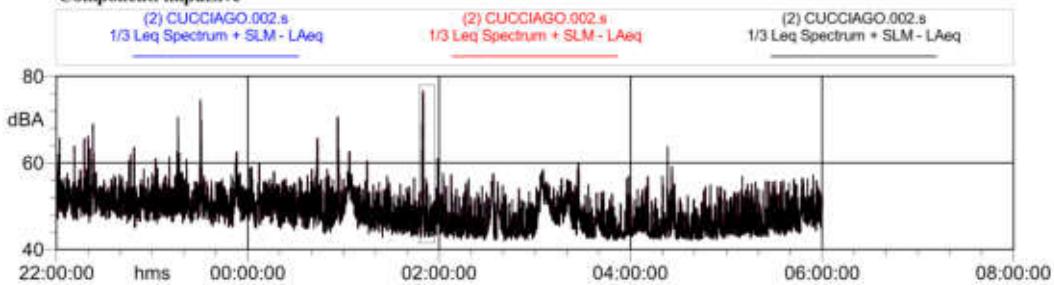


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	Leq
Totale	22:00:00	08:00:00	50.8 dBA
Non Mascherato	22:00:00	07:50:29	50.3 dBA
Mascherato	01:47:48	00:09:31:500	50.7 dBA
Nuova Maschera 1	01:47:48	00:09:31:500	50.7 dBA

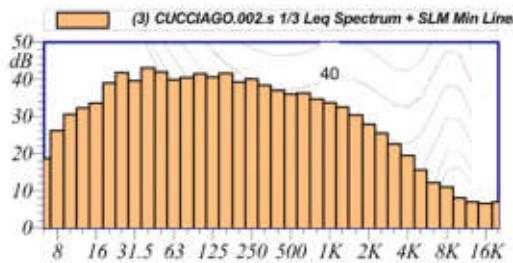
Componenti impulsive



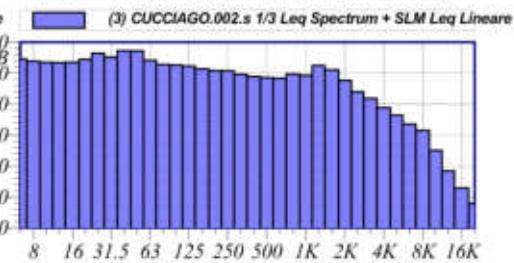


Nome misura: (3) CUCCIAGO.002.s
 Località: RSA Pascoli
 Strumentazione: 831C 11541
 Durata: 26736 (secondi)
 Nome operatore: Federico Bassani
 Data, ora misura: 12/10/2024 06:00:00
 Over SLM: N/A
 Over OBA: N/A

(3) CUCCIAGO.002.s 1/3 Leq Spectrum + SLM Leg Lineare				
12.5 Hz	53.4 dB	160 Hz	51.4 dB	2000 Hz
16 Hz	53.5 dB	200 Hz	50.8 dB	2500 Hz
20 Hz	54.5 dB	250 Hz	50.7 dB	3150 Hz
25 Hz	56.4 dB	315 Hz	49.6 dB	4000 Hz
31.5 Hz	55.2 dB	400 Hz	48.9 dB	5000 Hz
40 Hz	57.2 dB	500 Hz	48.6 dB	6300 Hz
50 Hz	57.2 dB	630 Hz	48.3 dB	8000 Hz
63 Hz	54.1 dB	800 Hz	49.7 dB	10000 Hz
80 Hz	52.8 dB	1000 Hz	49.3 dB	12500 Hz
100 Hz	52.6 dB	1250 Hz	52.5 dB	16000 Hz
125 Hz	52.3 dB	1600 Hz	51.0 dB	20000 Hz



L1: 71.1 dBA L5: 61.3 dBA
 L10: 60.0 dBA L50: 55.2 dBA
 L90: 51.3 dBA L95: 50.0 dBA



L_{Aeq} = 58.7 dB

Annotazioni:

(3) CUCCIAGO.002.s - LAeq

(3) CUCCIAGO.002.s - LAeq - Running Leq

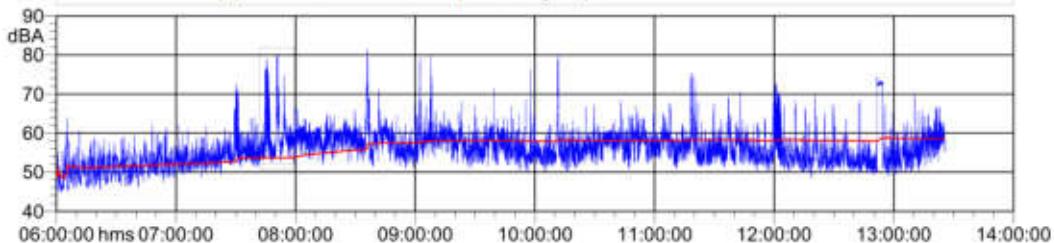


Tabella Automatica delle Mascherature

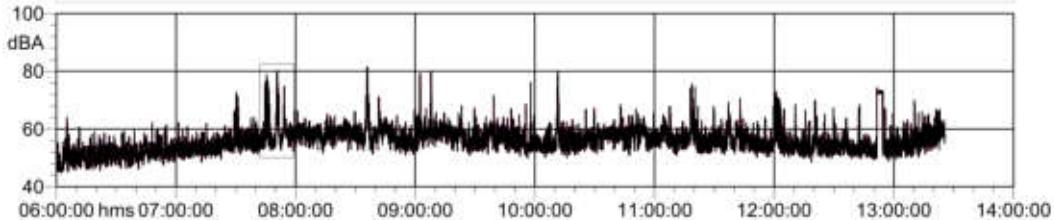
Nome	Inizio	Durata	Leq
Totale	06:00:00	07:25:35.500	59.2 dBA
Non Mascherato	06:00:00	07:08:27	58.7 dBA
Mascherato	07:42:05	00:17:08.500	65.1 dBA
Nuova Maschera 1	07:42:05	00:17:08.500	65.1 dBA

Componenti impulsive

(3) CUCCIAGO.002.s
1/3 Leq Spectrum + SLM - LAeq

(3) CUCCIAGO.002.s
1/3 Leq Spectrum + SLM - LAeq

(3) CUCCIAGO.002.s
1/3 Leq Spectrum + SLM - LAeq





COMUNE DI CUCCIAGO

Provincia di Como

Scheda Rilievo n. 3

Punto di Misura:	P3 Zona residenziale – Via Marelli
Coordinate rilievo	
45°44'17"N 9°05'44"E	

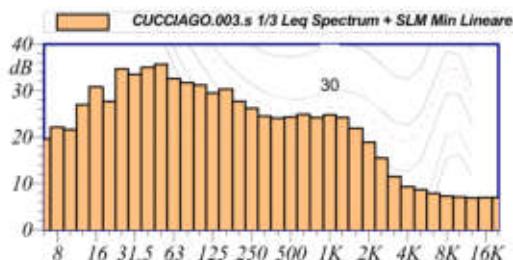


Data inizio rilievo	Data fine rilievo					
14/10/2024	14/10/2024					
Durata rilievo	11711					
Zonizzazione acustica proposta	Classe III					
Rilievo Diurno						
LAeq	L95	L90	L50	L10	L5	L1
56,0	44,8	46,7	53,6	58,7	60,4	64,8
Rilievo Notturno						
LAeq	L95	L90	L50	L10	L5	L1

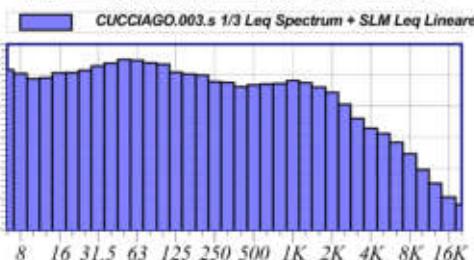


Nome misura: CUCCIAGO.003.s
Località: Cucciago Via Daniele Marelli
Strumentazione: 831C 11541
Durata: 11711 (secondi)
Nome operatore: Federico Bassani
Data, ora misura: 14/10/2024 14:21:08
Over SLM: N/A
Over OBA: N/A

CUCCIAGO.003.s 1/3 Leq Spectrum + SLM Leq Lineare					
12.5 Hz	49.1 dB	160 Hz	50.3 dB	2000 Hz	44.4 dB
16 Hz	50.7 dB	200 Hz	50.0 dB	2500 Hz	40.5 dB
20 Hz	50.8 dB	250 Hz	47.9 dB	3150 Hz	36.0 dB
25 Hz	51.6 dB	315 Hz	47.6 dB	4000 Hz	32.9 dB
31.5 Hz	53.0 dB	400 Hz	46.3 dB	5000 Hz	31.1 dB
40 Hz	53.9 dB	500 Hz	46.9 dB	6300 Hz	28.3 dB
50 Hz	55.0 dB	630 Hz	47.2 dB	8000 Hz	24.6 dB
63 Hz	54.8 dB	800 Hz	47.3 dB	10000 Hz	19.5 dB
80 Hz	54.0 dB	1000 Hz	48.2 dB	12500 Hz	15.1 dB
100 Hz	53.5 dB	1250 Hz	47.5 dB	16000 Hz	10.6 dB
125 Hz	50.9 dB	1600 Hz	46.1 dB	20000 Hz	8.2 dB



L1: 64.8 dBA L5: 60.4 dBA
L10: 58.7 dBA L50: 53.6 dBA
L90: 46.7 dBA L95: 44.8 dBA



L_{Aeq} = 56.0 dB

Annotazioni:

CUCCIAGO.003.s - L_{Aeq}
CUCCIAGO.003.s - L_{Aeq} - Running Leq

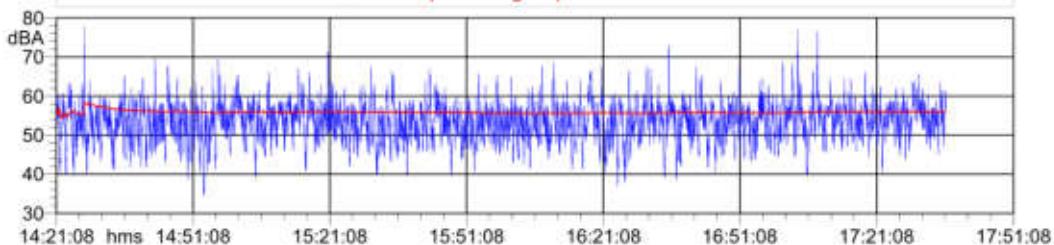
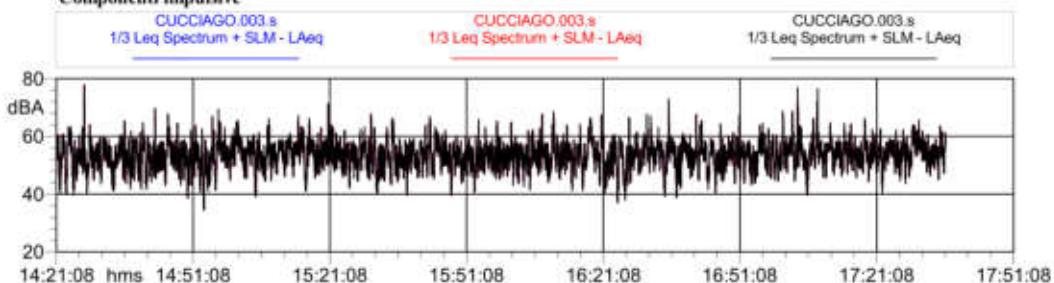


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	L _{Aeq}
Totale	14:21:08	03:15:10.500	56.0 dBA
Non Mascherato	14:21:08	03:15:10.500	56.0 dBA
Mascherato		00:00:00	0.0 dBA

Componenti impulsive





COMUNE DI CUCCIAGO

Provincia di Como

Scheda Rilievo n. 4

Punto di Misura:	P4 Zona residenziale – Via Ferrari
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Coordinate rilievo

45°44'20"N 9°05'51"E



Data inizio rilievo	Data fine rilievo
---------------------	-------------------

15/10/2024	15/10/2024
Durata rilievo	3630 s
Zonizzazione acustica proposta	**Classe III**

Rilievo Diurno

LAeq	L95	L90	L50	L10	L5	L1
53,8	48,4	49,5	52,5	55,7	57,3	61,8

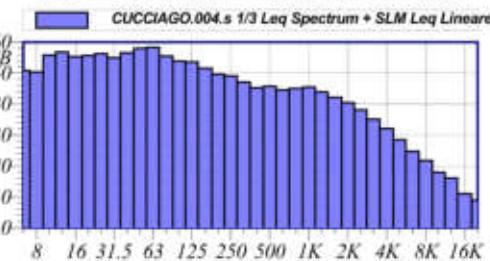
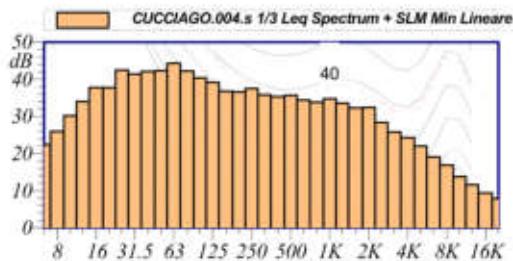
Rilievo Notturno

LAeq	L95	L90	L50	L10	L5	L1



Nome misura: CUCCIAGO.004.s
Località: Cucciago
Strumentazione: 831C 11541
Durata: 3630 (secondi)
Nome operatore: Federico Bassani
Data, ora misura: 15/10/2024 09:33:00
Over SLM: N/A
Over OBA: N/A

CUCCIAGO.004.s 1/3 Leq Spectrum + SLM Leg Lineare				
12.5 Hz	56.8 dB	160 Hz	51.6 dB	2000 Hz
16 Hz	55.3 dB	200 Hz	49.6 dB	2500 Hz
20 Hz	55.7 dB	250 Hz	49.1 dB	3150 Hz
25 Hz	56.2 dB	315 Hz	47.1 dB	4000 Hz
31.5 Hz	54.9 dB	400 Hz	45.3 dB	5000 Hz
40 Hz	56.6 dB	500 Hz	45.8 dB	6300 Hz
50 Hz	58.0 dB	630 Hz	44.6 dB	8000 Hz
63 Hz	58.3 dB	800 Hz	45.0 dB	10000 Hz
80 Hz	55.5 dB	1000 Hz	45.5 dB	12500 Hz
100 Hz	53.9 dB	1250 Hz	43.9 dB	16000 Hz
125 Hz	53.6 dB	1600 Hz	42.2 dB	20000 Hz



L1: 61.8 dBA L5: 57.3 dBA
L10: 55.7 dBA L50: 52.5 dBA
L90: 49.5 dBA L95: 48.4 dBA

L_{Aeq} = 53.8 dB

Annotazioni:

CUCCIAGO.004.s - L_{Aeq}
CUCCIAGO.004.s - L_{Aeq} - Running Leq

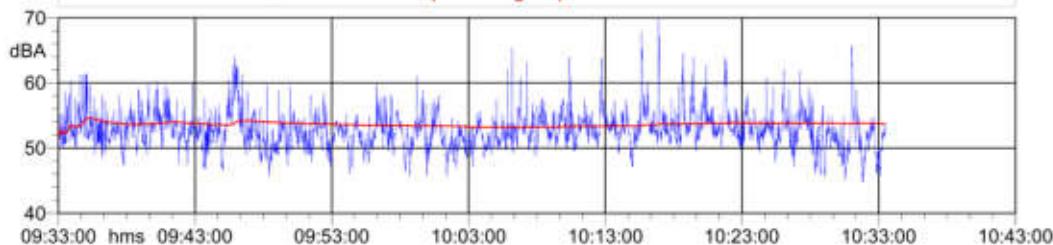
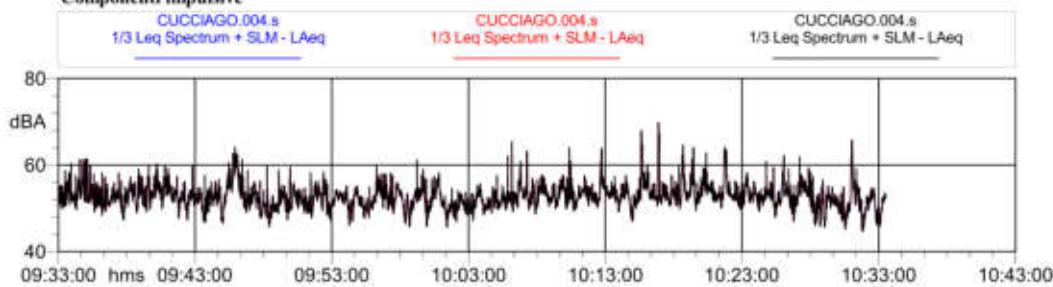


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	L _{Aeq}
Totale	09:33:00	01:00:29.500	53.8 dBA
Non Mascherato	09:33:00	01:00:29.500	53.8 dBA
Mascherato		00:00:00	0.0 dBA

Componenti impulsive



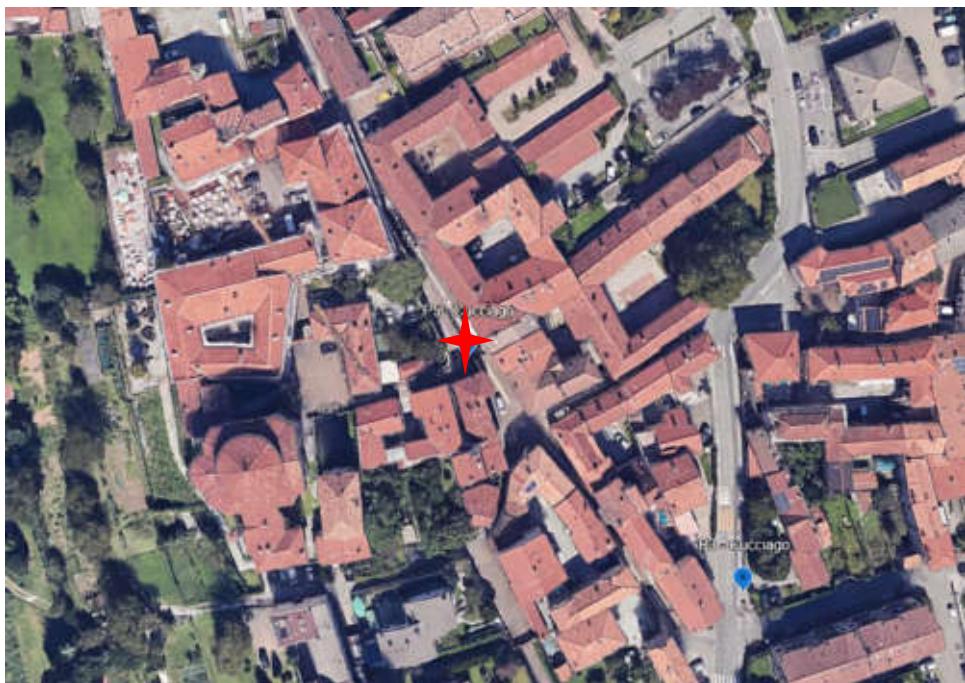


COMUNE DI CUCCIAGO

Provincia di Como

Scheda Rilievo n. 5

Punto di Misura:	P5 Centro Storico Via Giosuè Carducci – Via XX Settembre
Coordinate rilievo	
45°44'19"N 9°05'40"E	

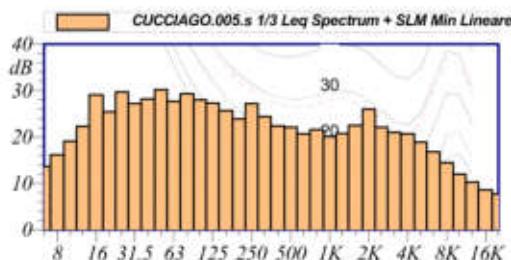


Data inizio rilievo	Data fine rilievo					
15/10/2024	15/10/2024					
Durata rilievo	7116 s					
Zonizzazione acustica proposta	Classe III					
Rilievo Diurno						
L _{Aeq}	L ₉₅	L ₉₀	L ₅₀	L ₁₀	L ₅	L ₁
44,2	36,8	37,0	39,6	47,5	49,5	53,4
Rilievo Notturno						
L _{Aeq}	L ₉₅	L ₉₀	L ₅₀	L ₁₀	L ₅	L ₁

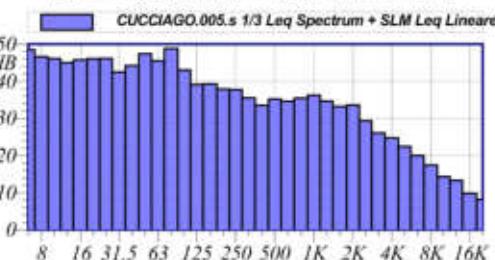


Nome misura: CUCCIAGO.005.s
Località: Cucciago
Strumentazione: 831C 11541
Durata: 7116 (secondi)
Nome operatore: Federico Bassani
Data, ora misura: 15/10/2024 11:00:33
Over SLM: N/A
Over OBA: N/A

CUCCIAGO.005.s				
1/3 Leq Spectrum + SLM Leq Lineare				
12.5 Hz	45.0 dB	160 Hz	39.3 dB	2000 Hz
16 Hz	45.8 dB	200 Hz	37.9 dB	2500 Hz
20 Hz	46.1 dB	250 Hz	37.8 dB	3150 Hz
25 Hz	46.2 dB	315 Hz	35.5 dB	4000 Hz
31.5 Hz	42.5 dB	400 Hz	33.6 dB	5000 Hz
40 Hz	44.2 dB	500 Hz	35.2 dB	6300 Hz
50 Hz	47.4 dB	630 Hz	34.6 dB	8000 Hz
63 Hz	45.5 dB	800 Hz	35.4 dB	10000 Hz
80 Hz	48.8 dB	1000 Hz	36.3 dB	12500 Hz
100 Hz	43.1 dB	1250 Hz	34.7 dB	16000 Hz
125 Hz	39.1 dB	1600 Hz	33.2 dB	20000 Hz



L1: 53.4 dBA L5: 49.5 dBA
L10: 47.5 dBA L50: 39.6 dBA
L90: 37.0 dBA L95: 36.8 dBA



$L_{Aeq} = 44.2 \text{ dB}$

Annotazioni:

CUCCIAGO.005.s - LAeq

CUCCIAGO.005.s - LAeq - Running Leq

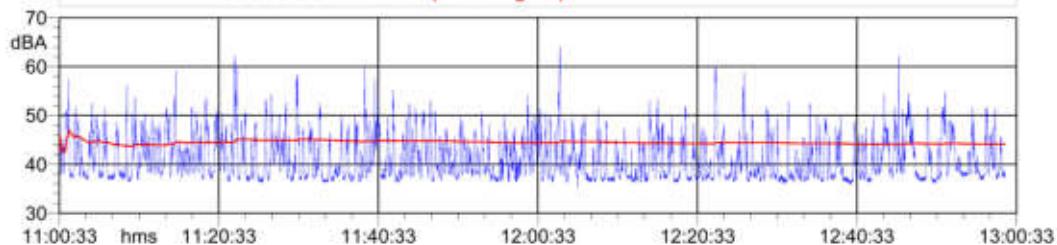
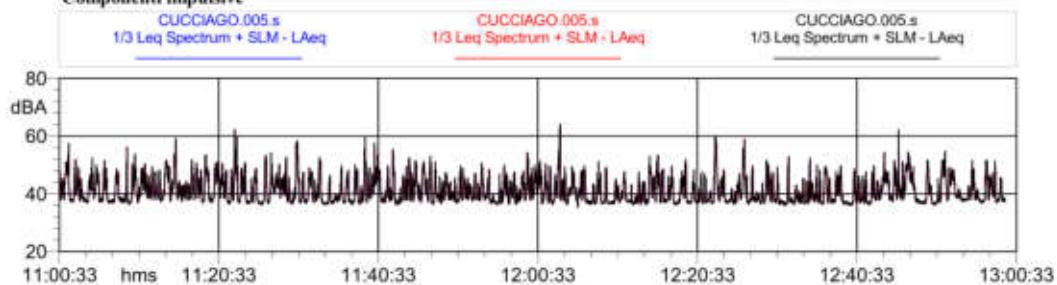


Tabella Automatica delle Mascherature

	Nome	Inizio	Durata	Leq
Totali		11:00:33	01:58:36	44.2 dBA
Non Mascherato		11:00:33	01:58:36	44.2 dBA
Mascherato			00:00:00	0.0 dBA

Componenti impulsive



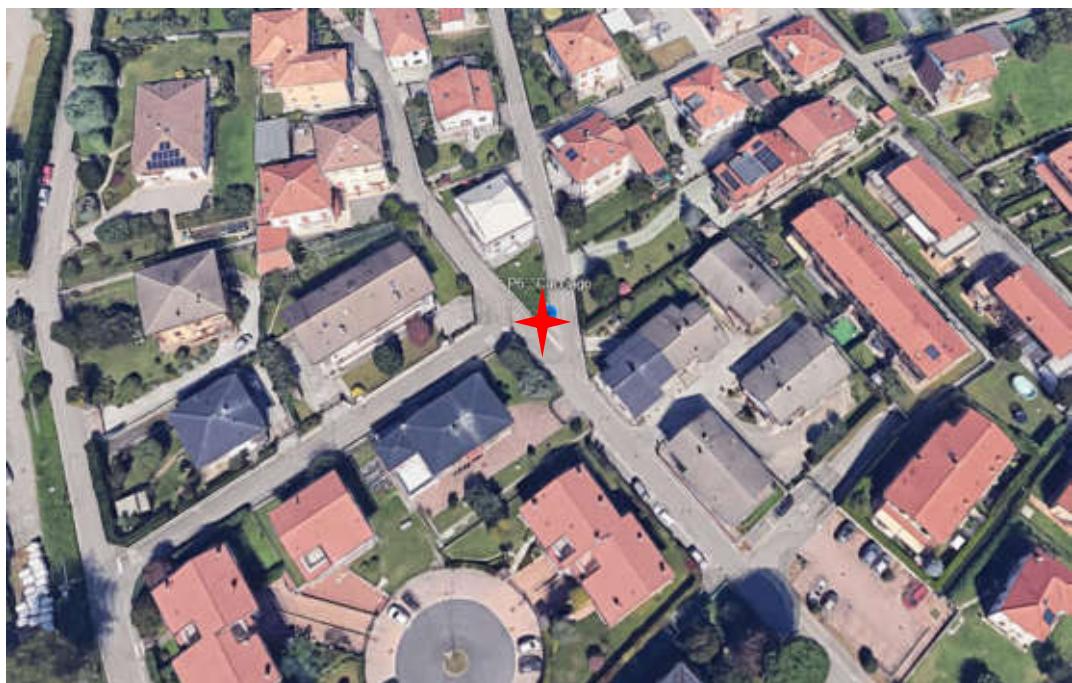


COMUNE DI CUCCIAGO

Provincia di Como

Scheda Rilievo n. 6

Punto di Misura:	P6 Zona residenziale – Via Pietro Panzeri
Coordinate rilievo	45°44'34"N 9°05'45"E

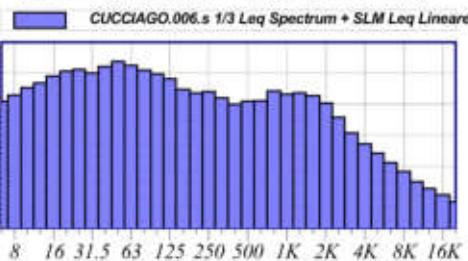
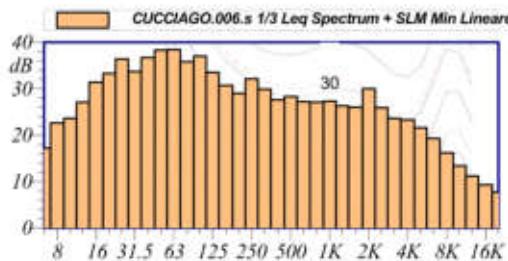


Data inizio rilievo	Data fine rilievo					
15/10/2024	15/10/2024					
Durata rilievo	3013 s					
Zonizzazione acustica proposta	Classe II					
Rilievo Diurno						
LAeq	L95	L90	L50	L10	L5	L1
51,7	42,7	44,2	48,9	52,7	54,1	62,3
Rilievo Notturno						
LAeq	L95	L90	L50	L10	L5	L1



Nome misura: CUCCIAGO.006.s
Località: Cucciago
Strumentazione: 831C 11541
Durata: 3013 (secondi)
Nome operatore: Federico Bassani
Data, ora misura: 15/10/2024 14:06:22
Over SLM: N/A
Over OBA: N/A

CUCCIAGO.006.s 1/3 Leq Spectrum + SLM Leq Lineare				
12.5 Hz	46.8 dB	160 Hz	44.8 dB	2000 Hz
16 Hz	49.1 dB	200 Hz	43.6 dB	2500 Hz
20 Hz	50.6 dB	250 Hz	44.0 dB	3150 Hz
25 Hz	51.2 dB	315 Hz	42.0 dB	4000 Hz
31.5 Hz	50.1 dB	400 Hz	40.0 dB	5000 Hz
40 Hz	52.2 dB	500 Hz	40.9 dB	6300 Hz
50 Hz	53.8 dB	630 Hz	41.1 dB	8000 Hz
63 Hz	52.8 dB	800 Hz	44.3 dB	10000 Hz
80 Hz	51.0 dB	1000 Hz	43.2 dB	12500 Hz
100 Hz	49.8 dB	1250 Hz	43.7 dB	16000 Hz
125 Hz	48.2 dB	1600 Hz	42.7 dB	20000 Hz
				8.5 dB



Annotazioni:

CUCCIAGO.006.s - LAeq

CUCCIAGO.006.s - LAeq - Running Leq

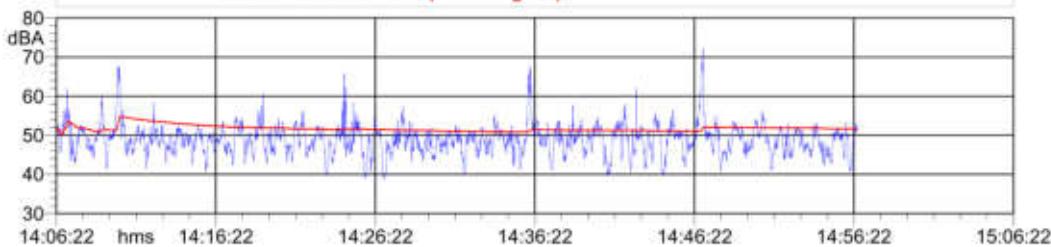
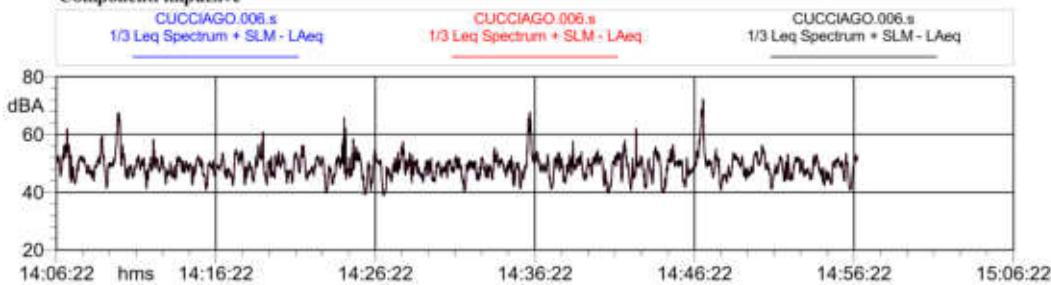


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	Leq
Total	14:06:22	00:50:12.500	51.7 dBA
Non Mascherato	14:06:22	00:50:12.500	51.7 dBA
Mascherato		00:00:00	0.0 dBA

Componenti impulsive





COMUNE DI CUCCIAGO

Provincia di Como

Scheda Rilievo n. 7

Punto di Misura:	P7 Parcheggio Cimitero
Coordinate rilievo	
45°44'27"N 9°05'53"E	

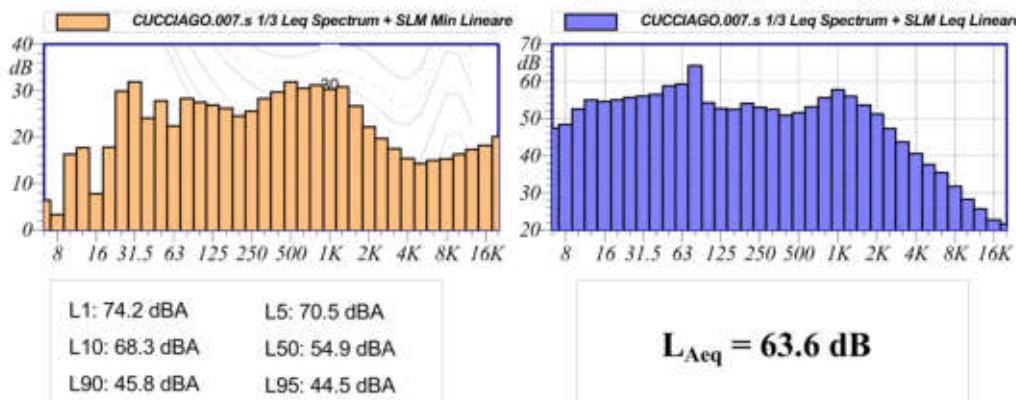


Data inizio rilievo	Data fine rilievo					
15/10/2024	15/10/2024					
Durata rilievo	2012 s					
Zonizzazione acustica proposta	Classe IV					
Rilievo Diurno						
LAeq	L95	L90	L50	L10	L5	L1
63,6	44,5	45,8	54,9	68,3	70,5	74,2
Rilievo Notturno						
LAeq	L95	L90	L50	L10	L5	L1



Nome misura: CUCCIAGO.007.s
Località: Cucciago
Strumentazione: 831C 11541
Durata: 2012 (secondi)
Nome operatore: Federico Bassani
Data, ora misura: 15/10/2024 15:14:20
Over SLM: N/A
Over OBA: N/A

CUCCIAGO.007.s 1/3 Leq Spectrum + SLM Leq Lineare				
12.5 Hz	55.0 dB	160 Hz	52.5 dB	2000 Hz
16 Hz	54.6 dB	200 Hz	54.1 dB	2500 Hz
20 Hz	55.0 dB	250 Hz	53.0 dB	3150 Hz
25 Hz	55.6 dB	315 Hz	52.5 dB	4000 Hz
31.5 Hz	56.0 dB	400 Hz	50.9 dB	5000 Hz
40 Hz	56.5 dB	500 Hz	51.6 dB	6300 Hz
50 Hz	58.8 dB	630 Hz	53.1 dB	8000 Hz
63 Hz	59.3 dB	800 Hz	55.6 dB	10000 Hz
80 Hz	64.2 dB	1000 Hz	57.8 dB	12500 Hz
100 Hz	54.2 dB	1250 Hz	56.0 dB	16000 Hz
125 Hz	52.7 dB	1600 Hz	53.6 dB	20000 Hz
				21.6 dB



Annotazioni:

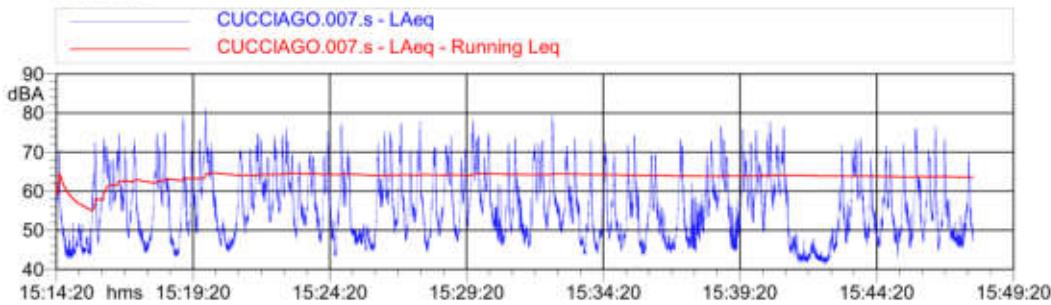


Tabella Automatica delle Mascherature				
Nome	Inizio	Durata	L _{Aeq}	
Totale	15:14:20	00:33:31.800	63.6 dBA	
Non Mascherato	15:14:20	00:33:31.800	63.6 dBA	
Mascherato		00:00:00	0.0 dBA	

Componenti impulsive

