

	PROGETTISTA 	COMMESSA 5719	UNITÀ 001
	LOCALITÀ REGIONE ABRUZZO	SPC. P-RT-D-0028	
	PROGETTO METANODOTTO CITTA' SANT'ANGELO - ALANNO	Pagina 1 di 4	Rev. 0

Rif. EN: P20IT04025-ENV-RE-200-218

ALLEGATO 4 RISULTATI MONITORAGGIO ACUSTICO ANTE OPERAM

	PROGETTISTA 	COMMESSA 5719	UNITÀ 001
	LOCALITÀ REGIONE ABRUZZO	SPC. P-RT-D-0028	
	PROGETTO METANODOTTO CITTA' SANT'ANGELO - ALANNO	Pagina 2 di 4	Rev. 0

Rif. EN: P20IT04025-ENV-RE-200-218

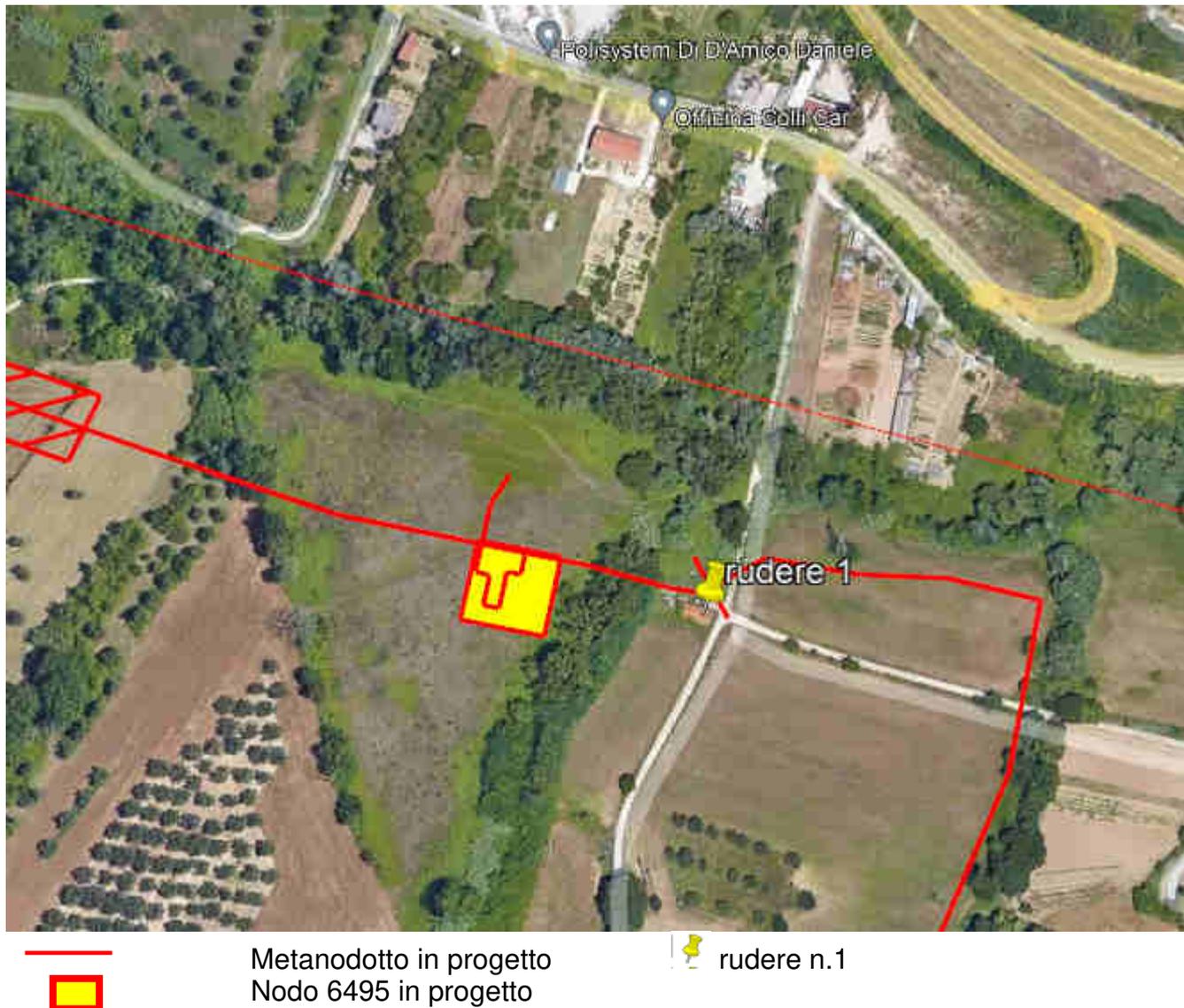


Fig. 1 - Ubicazione del punto di misura (rudere n.1) in prossimità del Nodo 6495 in progetto

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	PROGETTO METANODOTTO CITTA' SANT'ANGELO - ALANNO	Pagina 3 di 4	Rev. 0

Rif. EN: P20IT04025-ENV-RE-200-218

Punto di misura: Rudere n.1



Fig. 2 - Rilievo fonometrico al rudere R1

	PROGETTISTA 	COMMESSA 5719	UNITÀ 001
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	PROGETTO METANODOTTO CITTA' SANT'ANGELO - ALANNO	Pagina 4 di 4	Rev. 0

Rif. EN: P20IT04025-ENV-RE-200-218

Tab. 1- Rilievo diurno del rumore residuo per la verifica del clima acustico ante operam, presso il rudere n.1.

Punto di misura	n. MISURA	data	Ora inizio misura	note	Leq*	L90*	L90 medio
			h		dB(A)	dB(A)	dB(A)
Rudere n.1	SA.038	13-12-21	13:11	traffico in lontananza SS.16 (a 260 m di distanza), avifauna, vento tra gli alberi	45,3	41,5	46,2
	SA.039	13-12-21	13:31	avifauna, traffico sulla vicina SS 16 (a 260 m di distanza)	51,6	48,5	
	SA.054	14-12-21	11:46	avifauna, traffico sulla vicina SS 16 (a 260 m di distanza) vento tra gli alberi	51,5	48,5	

*Misura arrotondata allo 0,5 (ai sensi del DM 16/03/1998).

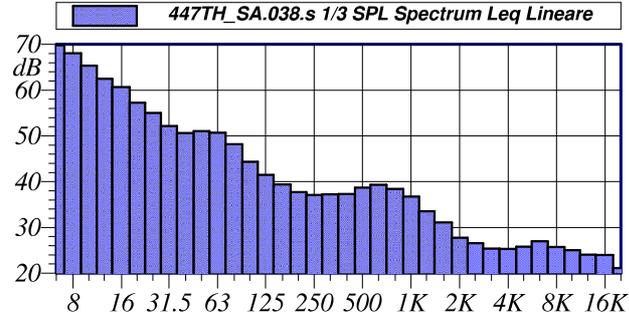
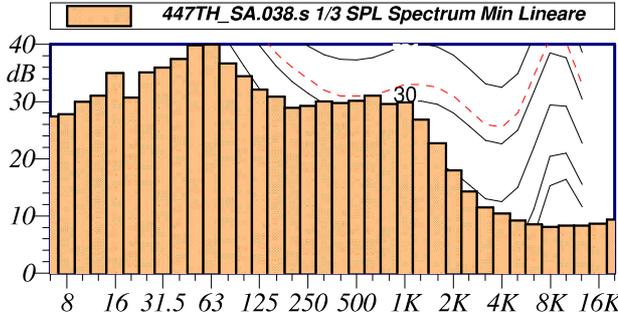
Tab. 2- Rilievo notturno del rumore residuo per la verifica del clima acustico ante operam, presso il rudere n.1.

Punto di misura	n. MISURA	data	Ora inizio misura	note	Leq*	L90*	L90 medio
			h		dB(A)	dB(A)	dB(A)
Rudere n.1	SA.048	13-12-21	23.24	avifauna, traffico sulla vicina SS 16, abbaiare cani	45,5	40,5	40,5

*Misura arrotondata allo 0,5 (ai sensi del DM 16/03/1998).

Nome misura: 447TH_SA.038.s
Località:
Strumentazione: 831 0003766
Durata: 914 (secondi)
Nome operatore:
Data, ora misura: 13-Dec-21 1:11:47 PM
Over SLM: 0
Over OBA: 0

447TH_SA.038.s 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	62.5 dB	160 Hz	39.4 dB	2000 Hz	27.7 dB
16 Hz	60.7 dB	200 Hz	37.7 dB	2500 Hz	26.5 dB
20 Hz	57.3 dB	250 Hz	37.1 dB	3150 Hz	25.4 dB
25 Hz	55.0 dB	315 Hz	37.2 dB	4000 Hz	25.3 dB
31.5 Hz	52.2 dB	400 Hz	37.3 dB	5000 Hz	25.8 dB
40 Hz	50.6 dB	500 Hz	38.7 dB	6300 Hz	27.0 dB
50 Hz	51.1 dB	630 Hz	39.3 dB	8000 Hz	25.7 dB
63 Hz	50.7 dB	800 Hz	38.4 dB	10000 Hz	25.0 dB
80 Hz	48.2 dB	1000 Hz	36.8 dB	12500 Hz	24.0 dB
100 Hz	44.4 dB	1250 Hz	33.5 dB	16000 Hz	24.0 dB
125 Hz	41.5 dB	1600 Hz	31.1 dB	20000 Hz	21.1 dB



L1: 50.6 dBA	L5: 48.0 dBA
L10: 47.1 dBA	L50: 44.2 dBA
L90: 41.7 dBA	L95: 41.1 dBA

L_{Aeq} = 45.3 dB

Annotazioni:

—	447TH_SA.038.s - LAF
—	447TH_SA.038.s - LAF - Running Leq

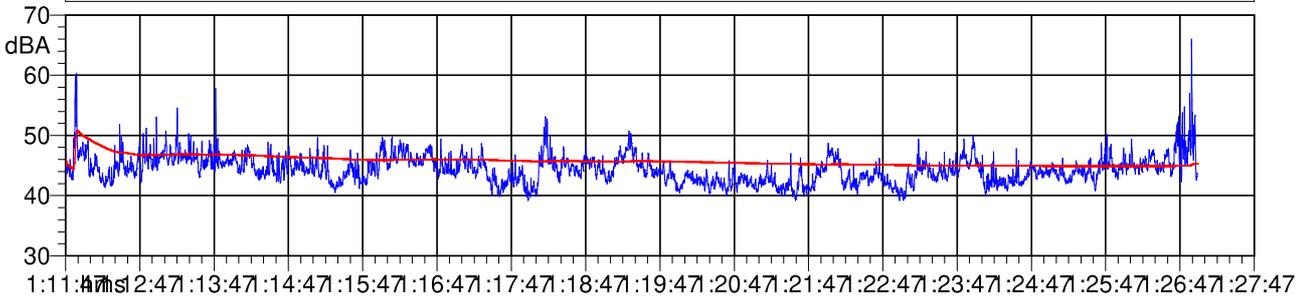
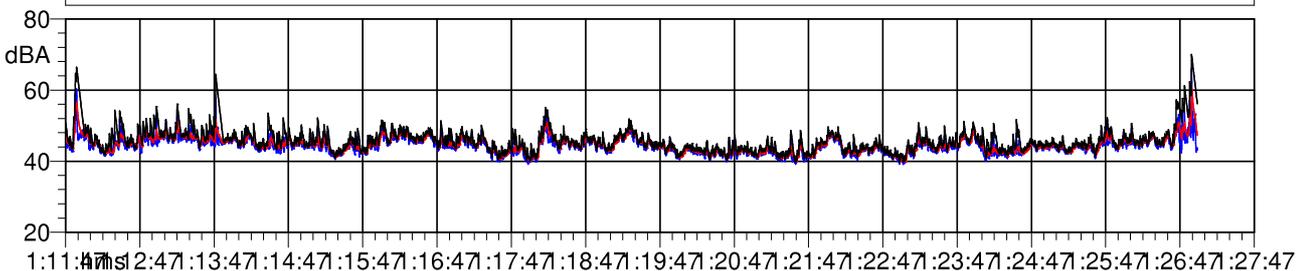


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	Leq
Totale	1:11:47	00:15:14	45.3 dBA
Non Mascherato	1:11:47	00:15:14	45.3 dBA
Mascherato		00:00:00	0.0 dBA

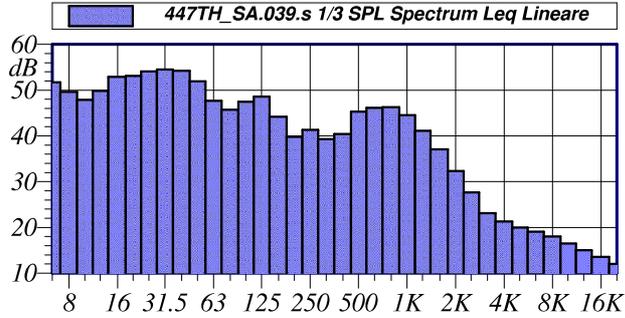
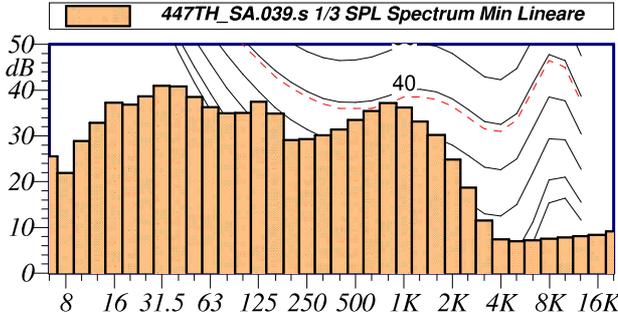
Componenti impulsive

—	447TH_SA.038.s SLM - LAF	—	447TH_SA.038.s SLM - LAS	—	447TH_SA.038.s SLM - LAI
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Nome misura: 447TH_SA.039.s
Località:
Strumentazione: 831 0003766
Durata: 903 (secondi)
Nome operatore:
Data, ora misura: 13-Dec-21 1:31:03 PM
Over SLM: 0
Over OBA: 0

447TH_SA.039.s 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	49.8 dB	160 Hz	44.2 dB	2000 Hz	32.3 dB
16 Hz	52.9 dB	200 Hz	39.8 dB	2500 Hz	27.6 dB
20 Hz	53.1 dB	250 Hz	41.3 dB	3150 Hz	23.1 dB
25 Hz	54.1 dB	315 Hz	39.3 dB	4000 Hz	21.3 dB
31.5 Hz	54.5 dB	400 Hz	40.4 dB	5000 Hz	19.9 dB
40 Hz	54.2 dB	500 Hz	45.3 dB	6300 Hz	19.1 dB
50 Hz	51.9 dB	630 Hz	46.1 dB	8000 Hz	18.0 dB
63 Hz	47.7 dB	800 Hz	46.3 dB	10000 Hz	16.5 dB
80 Hz	45.7 dB	1000 Hz	44.6 dB	12500 Hz	15.0 dB
100 Hz	47.4 dB	1250 Hz	41.1 dB	16000 Hz	13.6 dB
125 Hz	48.5 dB	1600 Hz	37.1 dB	20000 Hz	12.0 dB



L1: 57.9 dBA	L5: 54.2 dBA
L10: 53.4 dBA	L50: 50.9 dBA
L90: 48.5 dBA	L95: 47.8 dBA

L_{Aeq} = 51.6 dB

Annotazioni:

—	447TH_SA.039.s - LAF
—	447TH_SA.039.s - LAF - Running Leq

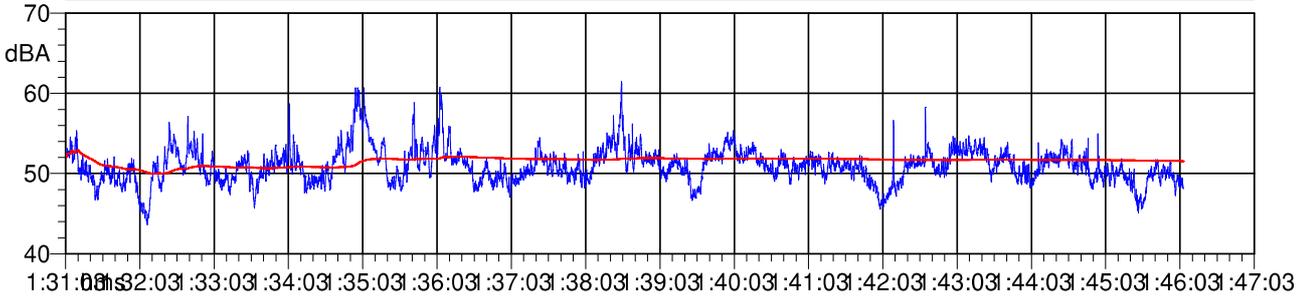
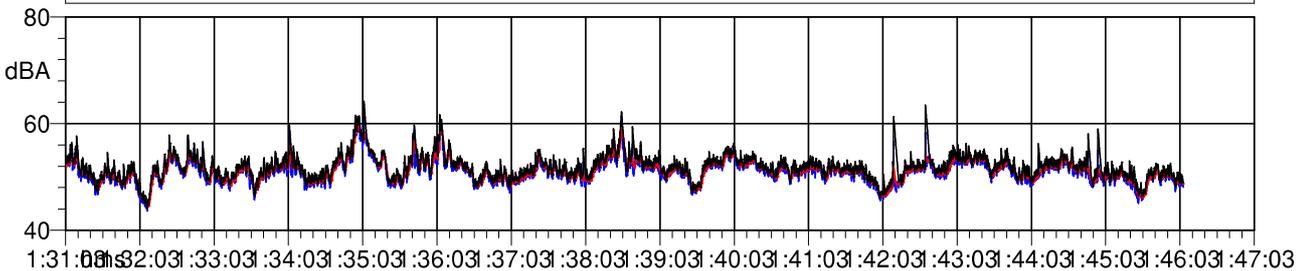


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	Leq
Totale	1:31:03	00:15:02.700	51.6 dBA
Non Mascherato	1:31:03	00:15:02.700	51.6 dBA
Mascherato		00:00:00	0.0 dBA

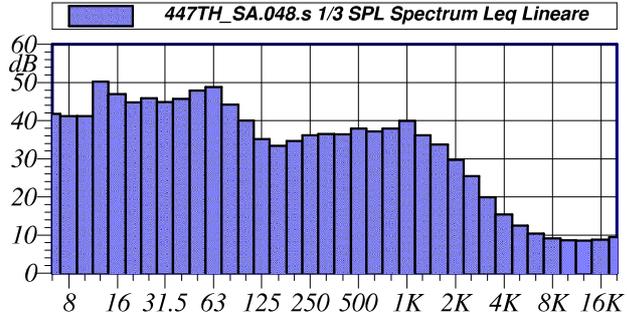
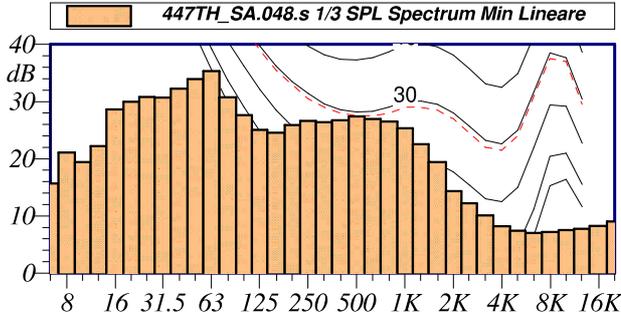
Componenti impulsive

447TH_SA.039.s SLM - LAF	447TH_SA.039.s SLM - LAS	447TH_SA.039.s SLM - LAI
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Nome misura: 447TH_SA.048.s
Località:
Strumentazione: 831 0003766
Durata: 903 (secondi)
Nome operatore:
Data, ora misura: 13-Dec-21 11:24:27 PM
Over SLM: 0
Over OBA: 0

447TH_SA.048.s 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	50.3 dB	160 Hz	33.4 dB	2000 Hz	29.7 dB
16 Hz	47.0 dB	200 Hz	34.7 dB	2500 Hz	25.4 dB
20 Hz	44.8 dB	250 Hz	36.2 dB	3150 Hz	19.9 dB
25 Hz	45.9 dB	315 Hz	36.5 dB	4000 Hz	15.4 dB
31.5 Hz	44.8 dB	400 Hz	36.4 dB	5000 Hz	12.5 dB
40 Hz	45.7 dB	500 Hz	38.0 dB	6300 Hz	10.3 dB
50 Hz	47.9 dB	630 Hz	37.1 dB	8000 Hz	9.1 dB
63 Hz	48.8 dB	800 Hz	37.9 dB	10000 Hz	8.6 dB
80 Hz	44.2 dB	1000 Hz	39.9 dB	12500 Hz	8.6 dB
100 Hz	40.0 dB	1250 Hz	36.2 dB	16000 Hz	8.8 dB
125 Hz	35.2 dB	1600 Hz	33.8 dB	20000 Hz	9.5 dB



L1: 52.4 dBA	L5: 49.3 dBA
L10: 48.1 dBA	L50: 44.2 dBA
L90: 40.3 dBA	L95: 39.1 dBA

L_{Aeq} = 45.4 dB

Annotazioni:

447TH_SA.048.s - LAF
447TH_SA.048.s - LAF - Running Leq

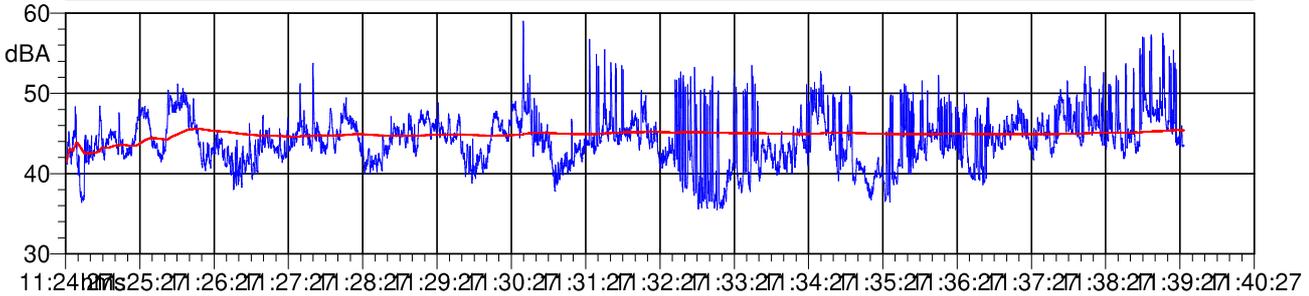
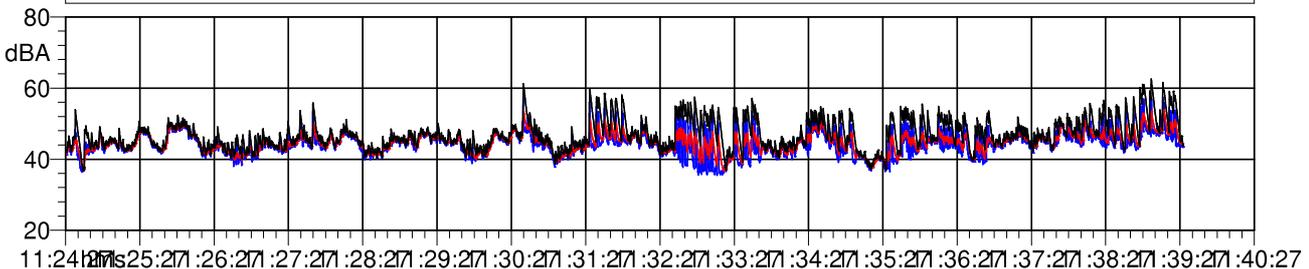


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	Leq
Totale	11:24:27	00:15:02.800	45.4 dBA
Non Mascherato	11:24:27	00:15:02.800	45.4 dBA
Mascherato		00:00:00	0.0 dBA

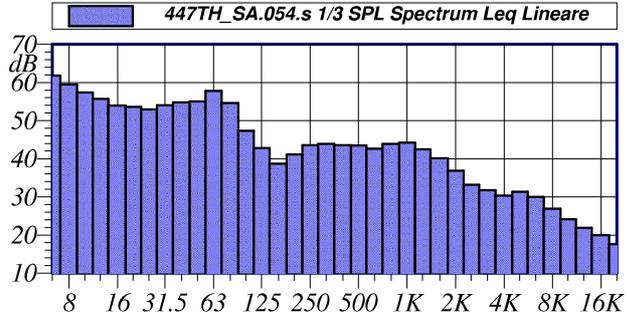
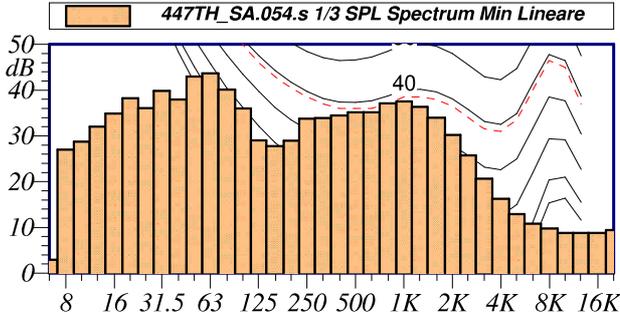
Componenti impulsive

447TH_SA.048.s SLM - LAF	447TH_SA.048.s SLM - LAS	447TH_SA.048.s SLM - LAI
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Nome misura: 447TH_SA.054.s
Località:
Strumentazione: 831 0003766
Durata: 904 (secondi)
Nome operatore:
Data, ora misura: 14-Dec-21 11:46:16 AM
Over SLM: 0
Over OBA: 0

447TH_SA.054.s 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	55.7 dB	160 Hz	38.7 dB	2000 Hz	36.9 dB
16 Hz	54.0 dB	200 Hz	41.1 dB	2500 Hz	33.2 dB
20 Hz	53.6 dB	250 Hz	43.6 dB	3150 Hz	31.7 dB
25 Hz	53.0 dB	315 Hz	43.9 dB	4000 Hz	30.3 dB
31.5 Hz	54.0 dB	400 Hz	43.6 dB	5000 Hz	31.4 dB
40 Hz	54.8 dB	500 Hz	43.4 dB	6300 Hz	30.0 dB
50 Hz	55.0 dB	630 Hz	42.6 dB	8000 Hz	26.9 dB
63 Hz	57.8 dB	800 Hz	43.9 dB	10000 Hz	24.1 dB
80 Hz	54.6 dB	1000 Hz	44.2 dB	12500 Hz	21.9 dB
100 Hz	47.3 dB	1250 Hz	42.5 dB	16000 Hz	20.0 dB
125 Hz	42.9 dB	1600 Hz	40.2 dB	20000 Hz	17.6 dB



L1: 56.2 dBA	L5: 54.2 dBA
L10: 53.2 dBA	L50: 50.6 dBA
L90: 48.5 dBA	L95: 48.0 dBA

L_{Aeq} = 51.5 dB

Annotazioni:

— 447TH_SA.054.s - LAF
— 447TH_SA.054.s - LAF - Running Leq

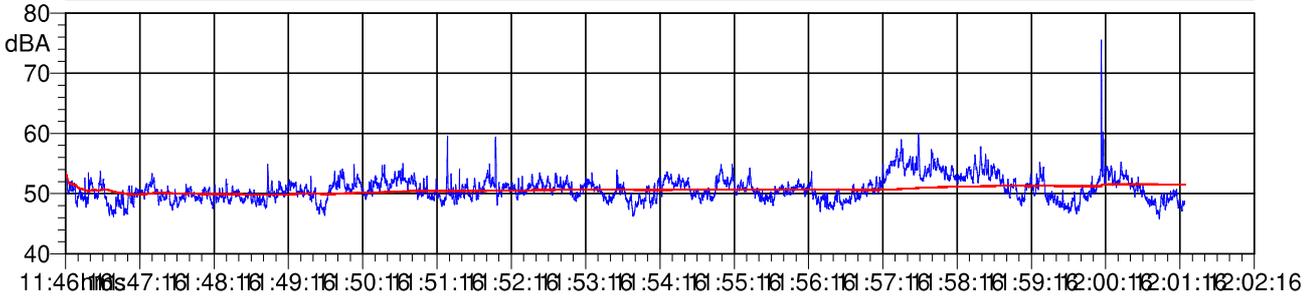


Tabella Automatica delle Mascherature			
Nome	Inizio	Durata	Leq
Totale	11:46:16	00:15:03.700	51.5 dBA
Non Mascherato	11:46:16	00:15:03.700	51.5 dBA
Mascherato		00:00:00	0.0 dBA

Componenti impulsive

— 447TH_SA.054.s SLM - LAF
— 447TH_SA.054.s SLM - LAS
— 447TH_SA.054.s SLM - LAI

