



Progetto per la realizzazione di un impianto per la produzione di energia elettrica da fonte eolica, ai sensi del Dlgs. n.387 del 2003, composto da n°10 aerogeneratori, per una potenza di 60 MW, sito nel comune di Cellere(VT)



REGIONE
LAZIO

PROPONENTE



COMUNE
DI
CELLERE

**Cogein
Energy**

Cogein Energy S.r.l.
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www.newgreen.it
compinvestimenti@libero.it
cogeinenergy@pec.it



COMUNE
DI
PIANSANO

ELABORATO

ELAB.12.1.A RELAZIONE PREVISIONALE
DI IMPATTO ACUSTICO
– ALLEGATI



COMUNE
DI
ARLENA
DI
CASTRO

SCALA

REVISIONE

0

DATA

03/2022

PROGETTAZIONE



COMUNE
DI
TUSCANIA

REDATTO

Ing. Sandro Ruopolo

VERIFICATO

Ing. Sandro Ruopolo

APPROVATO

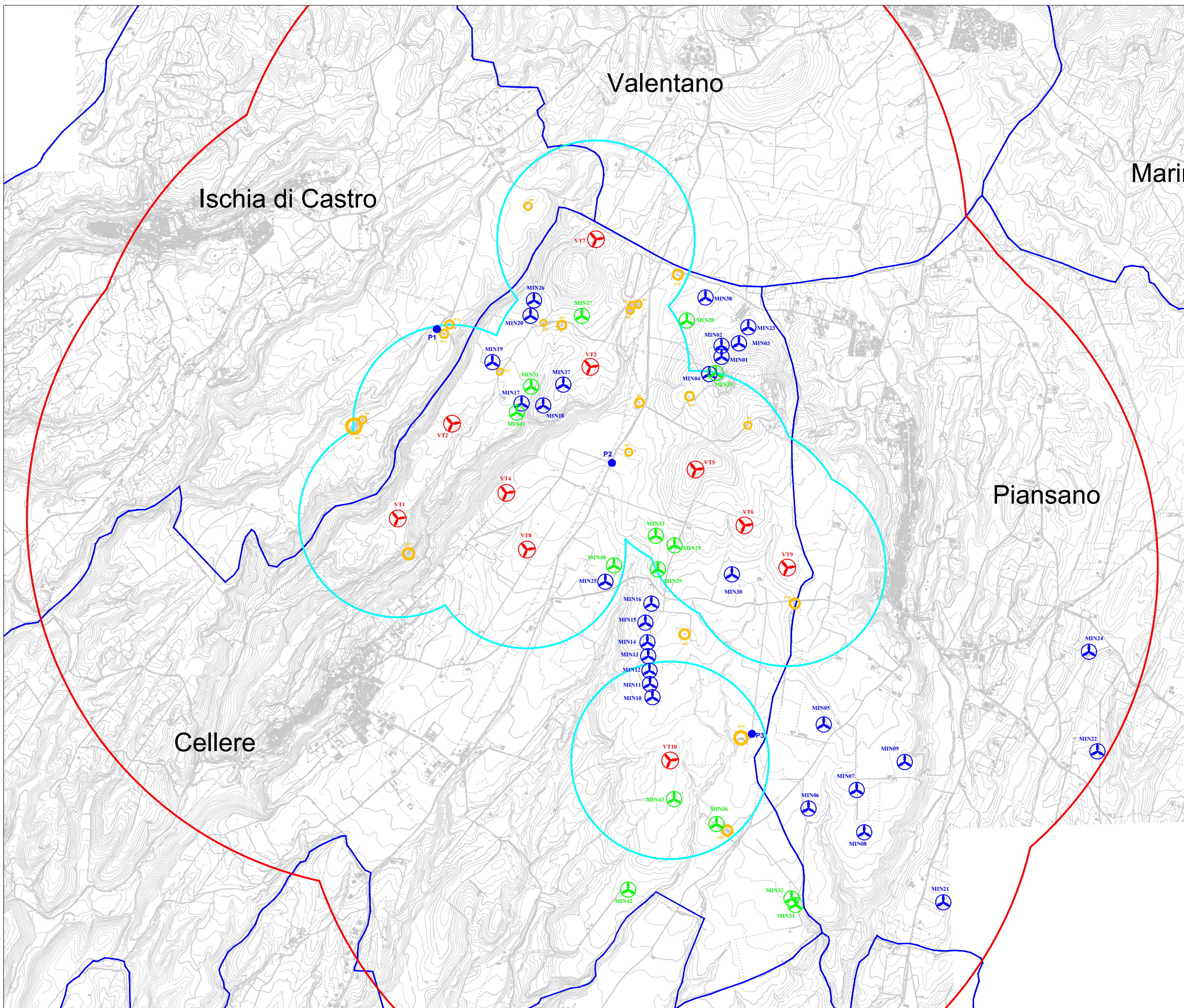
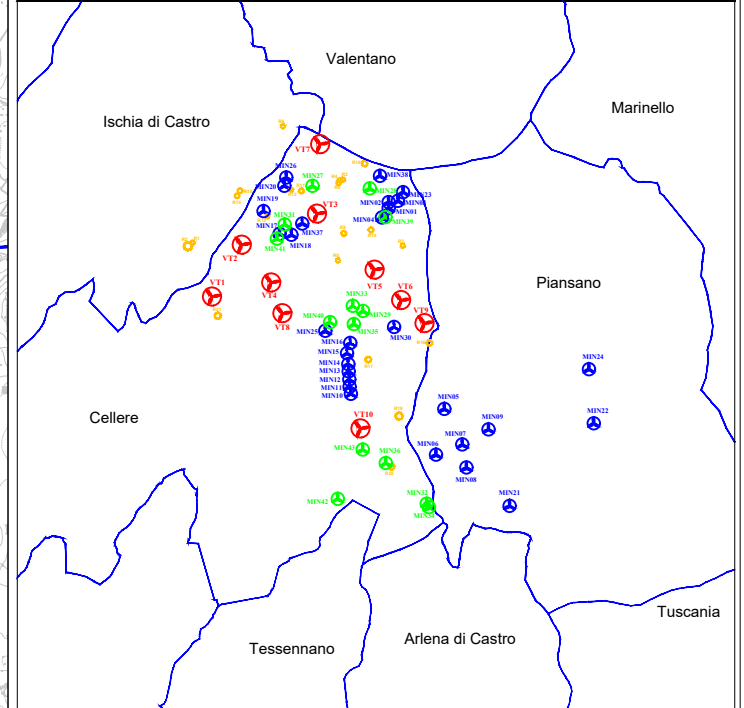
Ing. Sandro Ruopolo



Allegato 1

- Stralci mappa aerofotogrammetrica della zona con indicazione dei ricettori sensibili individuati, degli aerogeneratori di progetto, di quelli esistenti in esercizio e di quelli autorizzati non realizzati e **delle postazioni di rilievo fonometrico** – scala 1:30.000/10.000

Inquadramento territoriale
 Comune di Cellere (VT)

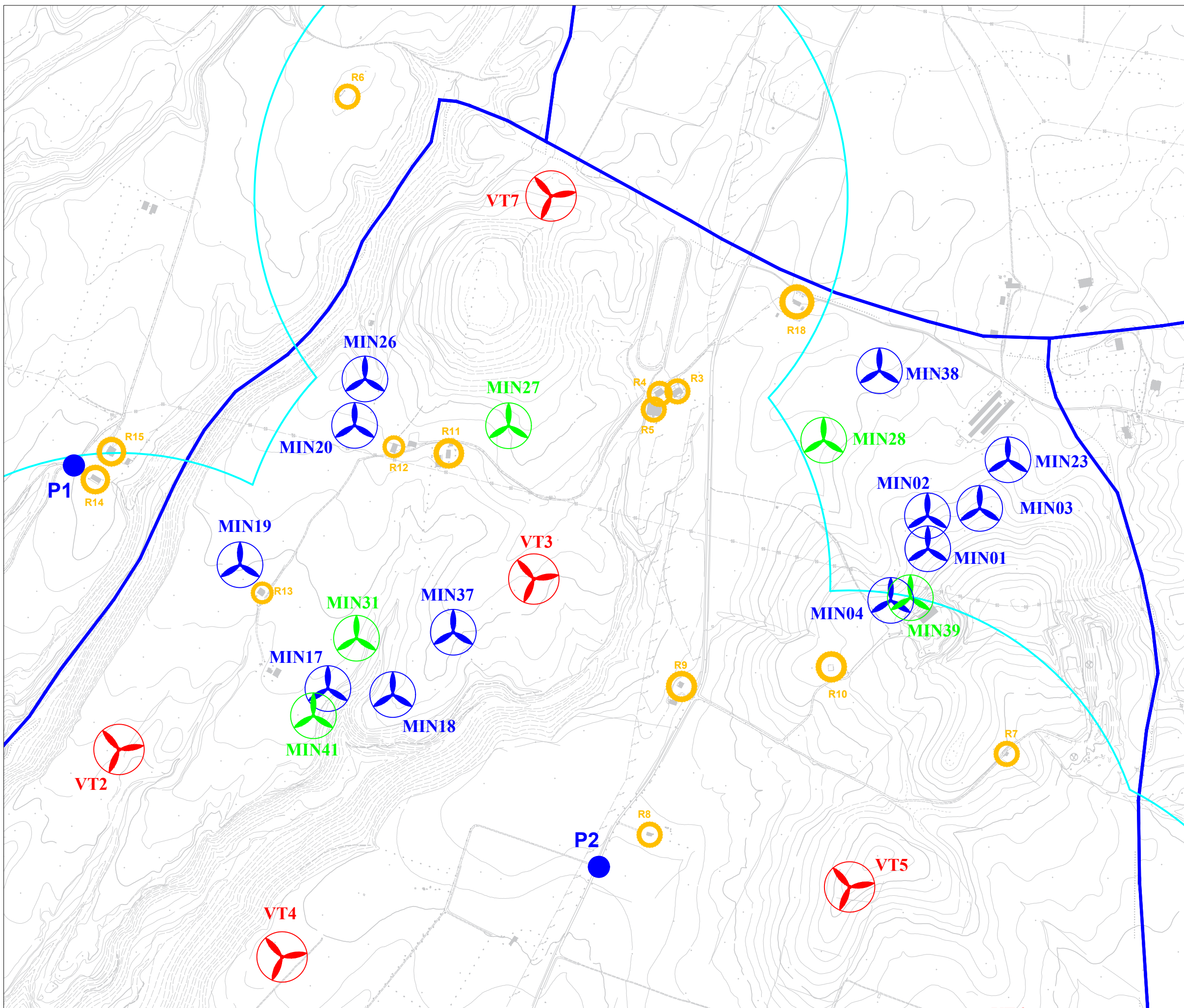
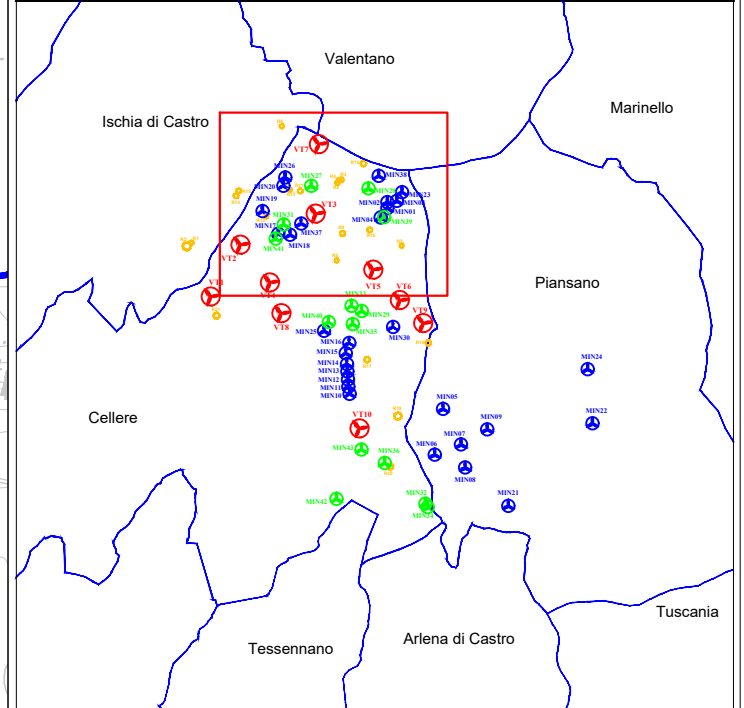


LEGENDA	
	Limite comunale
	Aerogeneratore di progetto COGEIN ENERGY S.R.L.
	Aerogeneratore minieolico esistente
	Aerogeneratore minieolico autorizzato non realizzato
	Ricettore
	Postazione di Rilievo fonometrico Diurno e Notturno
	Buffer individuazione ricettori sensibili (raggio 800 m)
	Buffer impatti cumulativi (raggio 3,0 km)



SCALA
1:30.000

Inquadramento territoriale
 Comune di Cellere (VT)

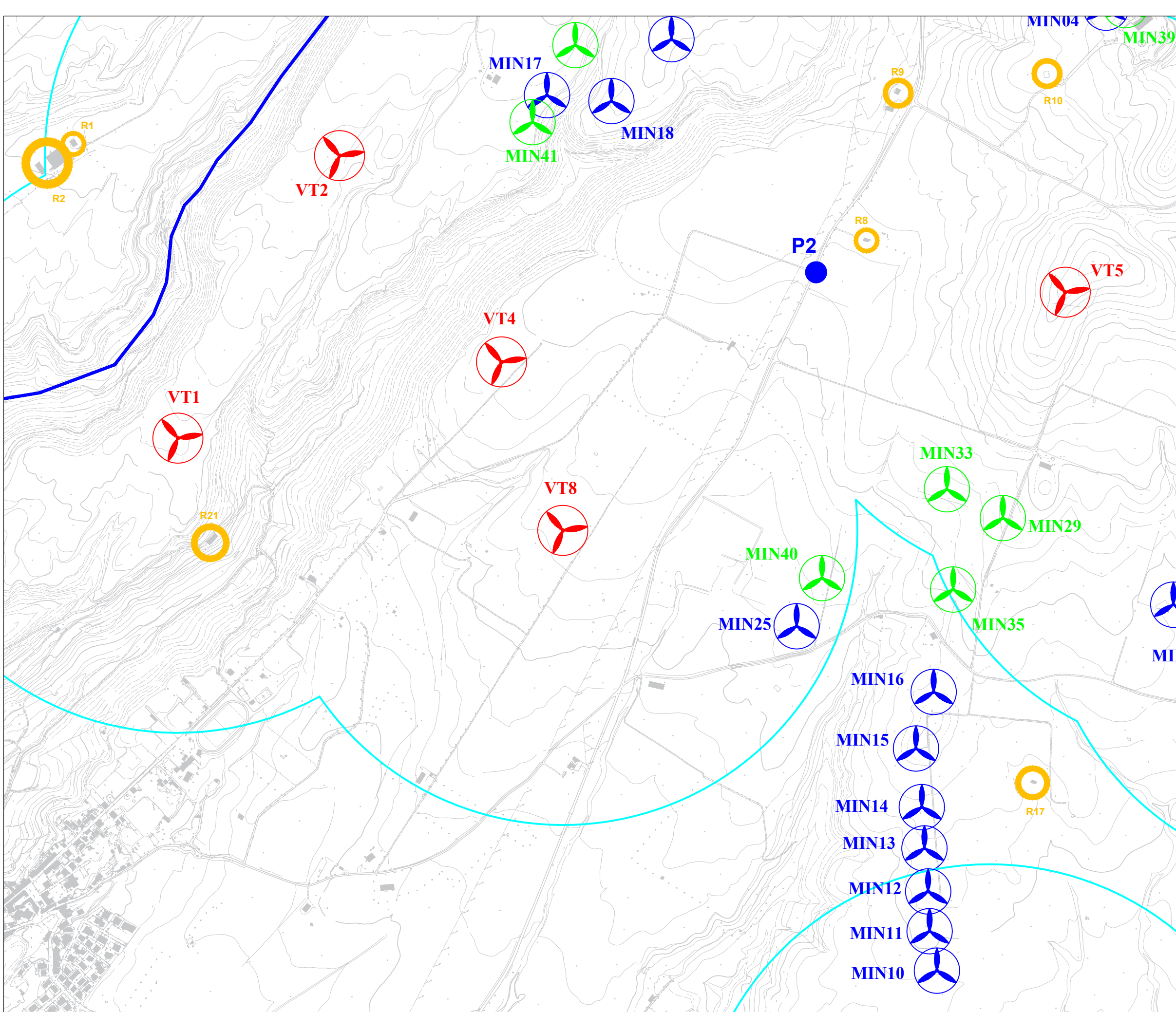
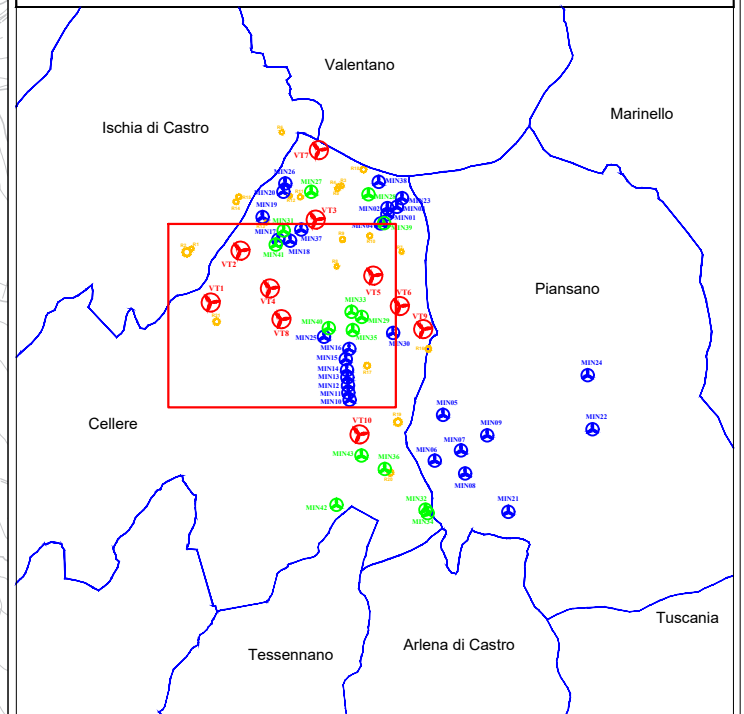


LEGENDA	
	Limite comunale
	Aerogeneratore di progetto COGEIN ENERGY S.R.L.
	Aerogeneratore minieolico esistente
	Aerogeneratore minieolico autorizzato non realizzato
	Ricettore
	Postazione di Rilievo fonometrico Diurno e Notturno
	Buffer individuazione ricettori sensibili (raggio 800 m)
	Buffer impatti cumulativi (raggio 3,0 km)

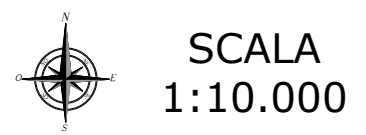


ALLEGATO 1.3

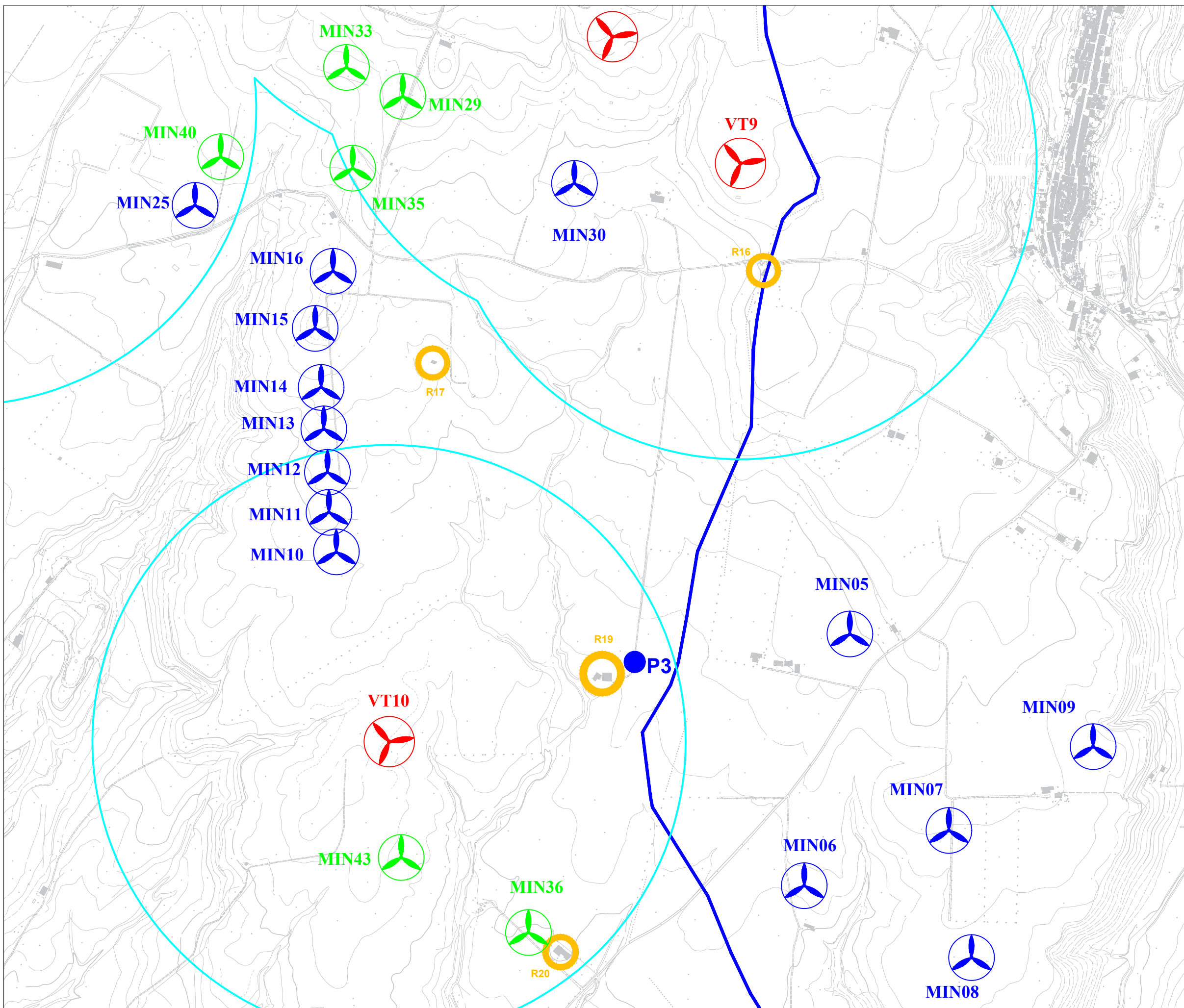
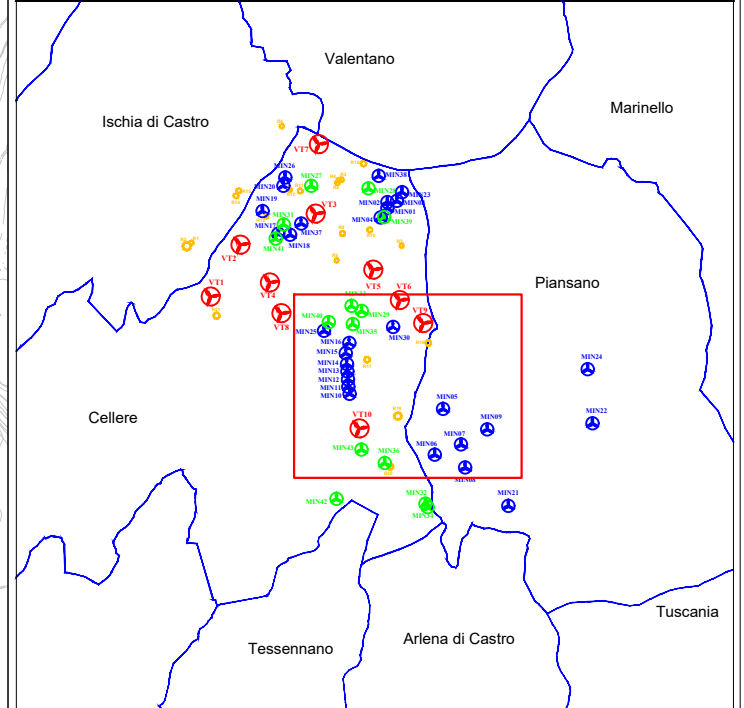
Inquadramento territoriale
 Comune di Cellere (VT)



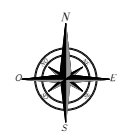
LEGENDA	
	Limite comunale
	Aerogeneratore di progetto COGEIN ENERGY S.R.L.
	Aerogeneratore minieolico esistente
	Aerogeneratore minieolico autorizzato non realizzato
	Ricettore
	Postazione di Rilievo fonometrico Diurno e Notturno
	Buffer individuazione ricettori sensibili (raggio 800 m)
	Buffer impatti cumulativi (raggio 3,0 km)



Inquadramento territoriale
 Comune di Cellere (VT)

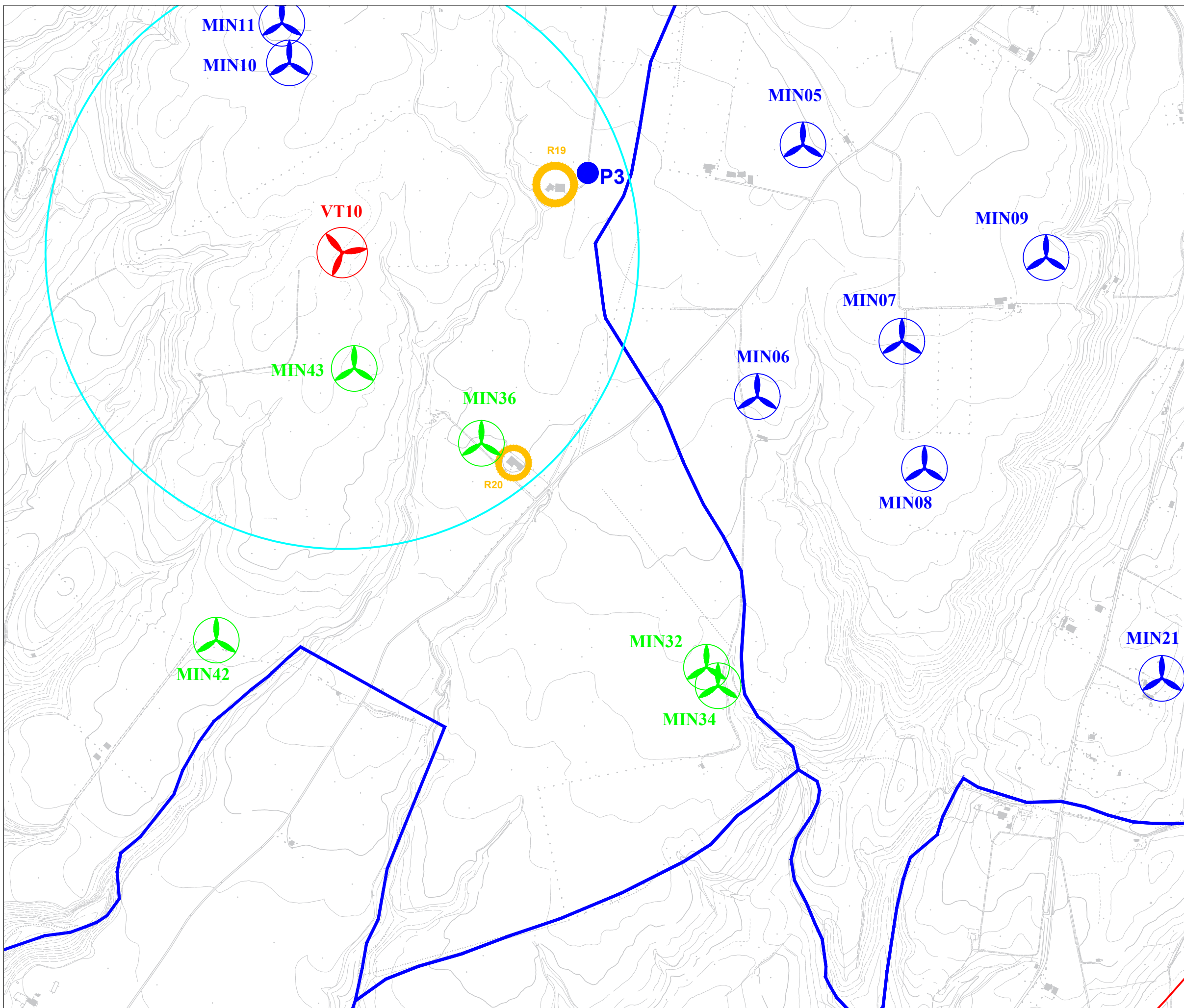
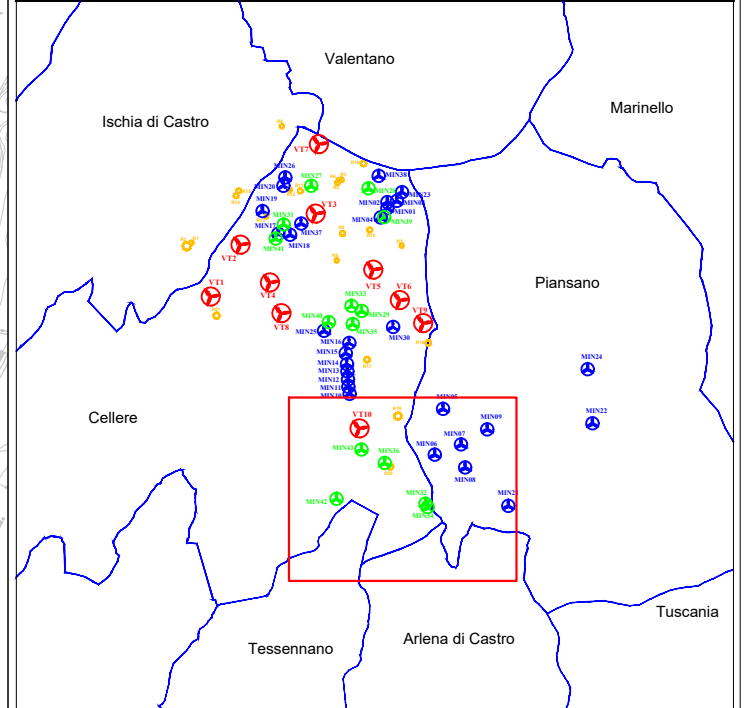


LEGENDA	
	Limite comunale
	Aerogeneratore di progetto COGEIN ENERGY S.R.L.
	Aerogeneratore minieolico esistente
	Aerogeneratore minieolico autorizzato non realizzato
	Ricettore
	Postazione di Rilievo fonometrico Diurno e Notturno
	Buffer individuazione ricettori sensibili (raggio 800 m)
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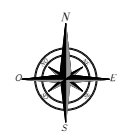


SCALA
1:10.000

Inquadramento territoriale
 Comune di Cellere (VT)



LEGENDA	
	Limite comunale
	Aerogeneratore di progetto COGEIN ENERGY S.R.L.
	Aerogeneratore minieolico esistente
	Aerogeneratore minieolico autorizzato non realizzato
	Ricettore
	Postazione di Rilievo fonometrico Diurno e Notturno
	Buffer individuazione ricettori sensibili (raggio 800 m)
	Buffer impatti cumulativi (raggio 3,0 km)



SCALA
1:10.000

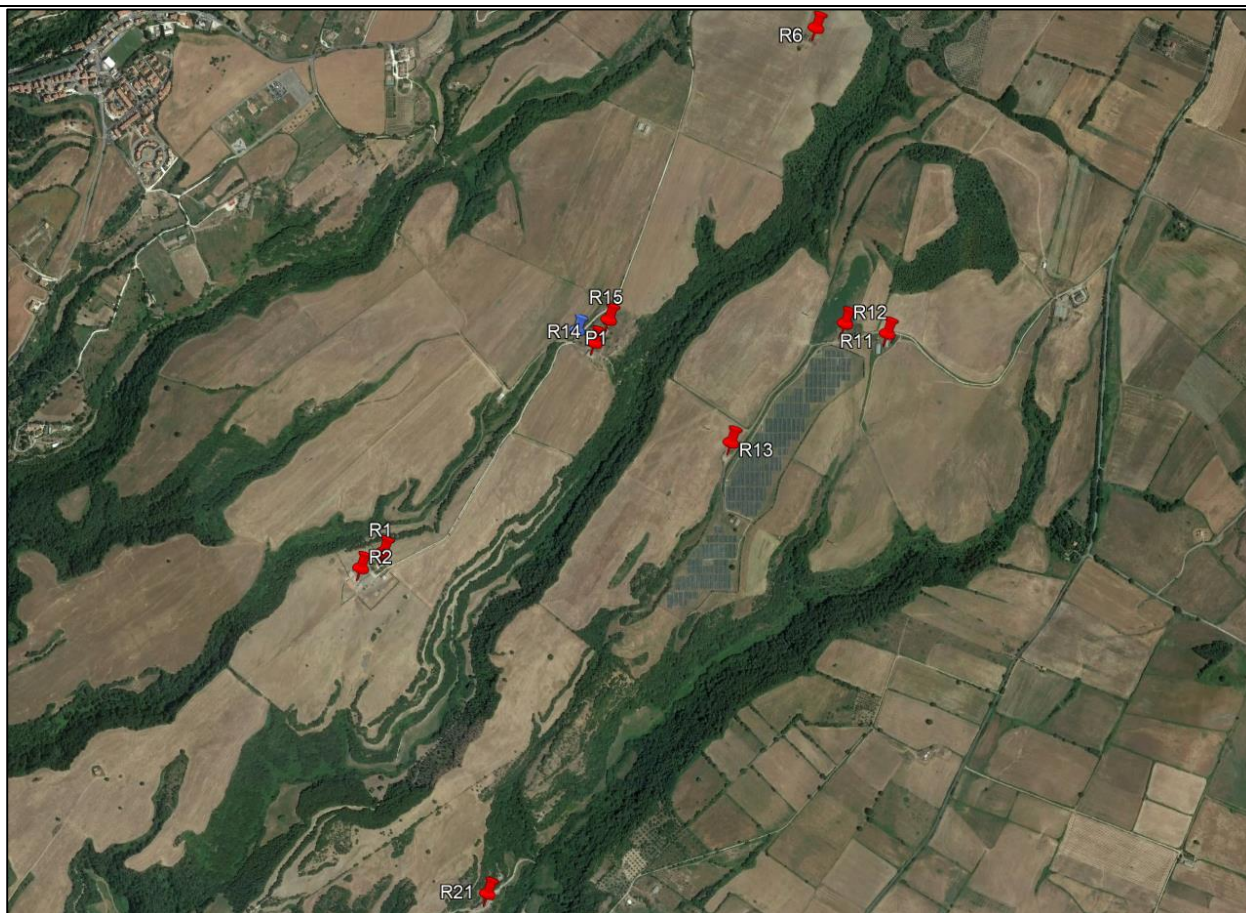
Allegato 2

- Rapporti di misura e spettri dei rilievi fonometrici effettuati (Rumore Residuo)

Postazione di rilievo fonometrico	P1	
Coordinate UTM WGS84	E	N
	728603,00	4713116,00

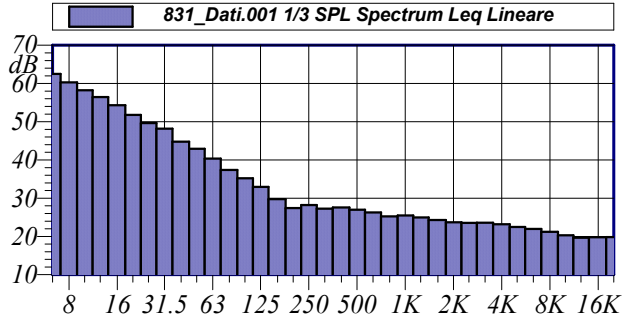
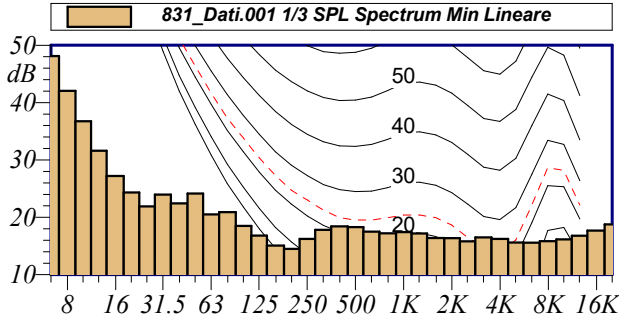
Postazione di misura	Ricettori associati	RUMORE RESIDUO - PERIODO DIURNO						RUMORE RESIDUO - NOTTURNO					
		Data di misura	Tempo di osservazione (TO)	Tempo di misura (TM)	Livello di rumore misurato dB(A)	Livello di rumore corretto dB(A)	V _w al suolo (m/s)	Data di misura	Tempo di osservazione (TO)	Tempo di misura (TM)	Livello di rumore misurato dB(A)	Livello di rumore corretto dB(A)	V _w al suolo (m/s)
P1	R1 - R2 - R6 - R11 - R12 - R13 - R14 - R15 - R21	02/03/2022	06:00 - 22:00	10:35 - 10:55	35,8	36,0	4,2	02/03/2022	22:00 - 06:00	22:20 - 22:42	30,7	30,5	1,2
		02/03/2022	06:00 - 22:00	11:45 - 12:05	32,9	33,0	2,7	02/03/2022	22:00 - 06:00	23:25 - 23:45	32,2	32,0	1,5
		02/03/2022	06:00 - 22:00	13:05 - 13:25	34,3	34,5	2,8	03/03/2022	22:00 - 06:00	00:35 - 00:57	33,7	33,5	3,4
		02/03/2022	06:00 - 22:00	18:30 - 18:50	32,2	32,0	1,3	03/03/2022	22:00 - 06:00	01:10 - 01:32	35,7	35,5	4,4

Localizzazione postazione di rilievo fonometrico e ricettori associati



Nome misura: 831_Dati.001
Località:
Strumentazione: 831 0001035
Durata: 1221 (secondi)
Nome operatore:
Data, ora misura: 02/03/2022 10:35:40
Over SLM: 0
Over OBA: 0

831_Dati.001 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	56.5 dB	160 Hz	29.8 dB	2000 Hz	23.7 dB
16 Hz	54.3 dB	200 Hz	27.4 dB	2500 Hz	23.6 dB
20 Hz	51.8 dB	250 Hz	28.2 dB	3150 Hz	23.6 dB
25 Hz	49.7 dB	315 Hz	27.3 dB	4000 Hz	23.2 dB
31.5 Hz	48.2 dB	400 Hz	27.6 dB	5000 Hz	22.5 dB
40 Hz	44.8 dB	500 Hz	27.0 dB	6300 Hz	21.9 dB
50 Hz	42.9 dB	630 Hz	26.3 dB	8000 Hz	21.2 dB
63 Hz	40.4 dB	800 Hz	25.2 dB	10000 Hz	20.3 dB
80 Hz	37.4 dB	1000 Hz	25.5 dB	12500 Hz	19.7 dB
100 Hz	35.2 dB	1250 Hz	25.0 dB	16000 Hz	19.8 dB
125 Hz	33.0 dB	1600 Hz	24.3 dB	20000 Hz	19.8 dB



L1: 47.5 dBA	L5: 44.4 dBA
L10: 42.9 dBA	L50: 35.4 dBA
L90: 34.5 dBA	L95: 33.3 dBA

$L_{Aeq} = 35.8$ dB

Annotazioni:

— 831_Dati.001 - LAeq
— 831_Dati.001 - LAeq - Running Leq

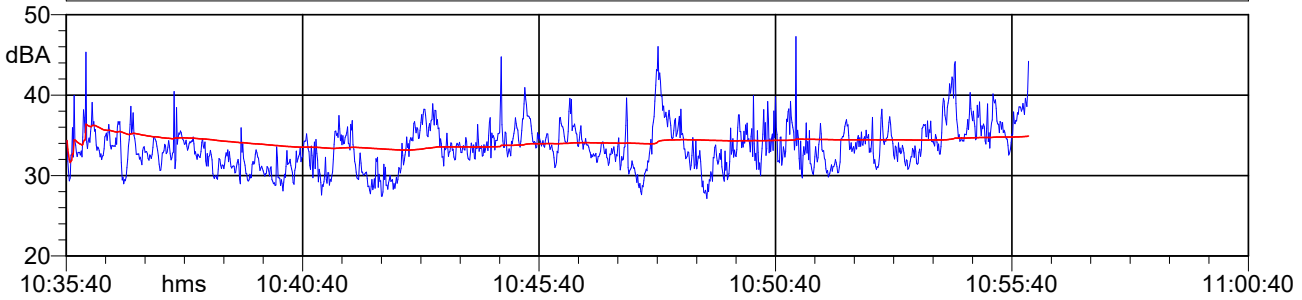
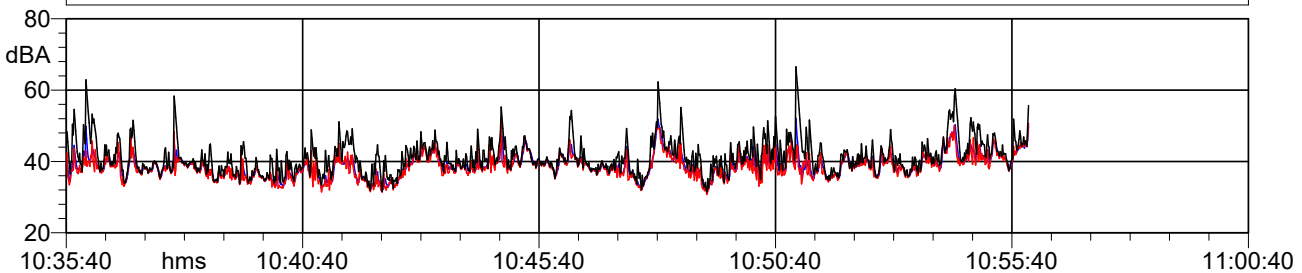


Tabella Automatica delle Maschere

Nome	Inizio	Durata	Leq
Totale	10:35:40	00:20:21	35.8 dBA
Non Mascherato	10:35:40	00:20:21	35.8 dBA
Mascherato		00:00:00	0.0 dBA

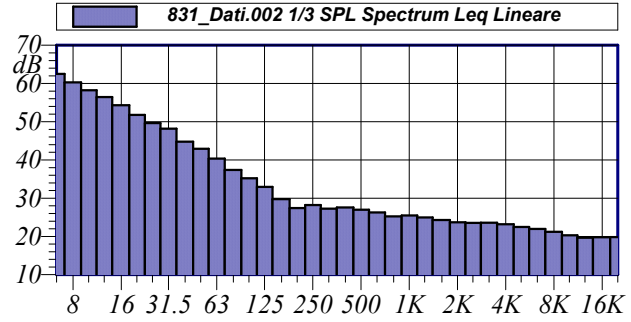
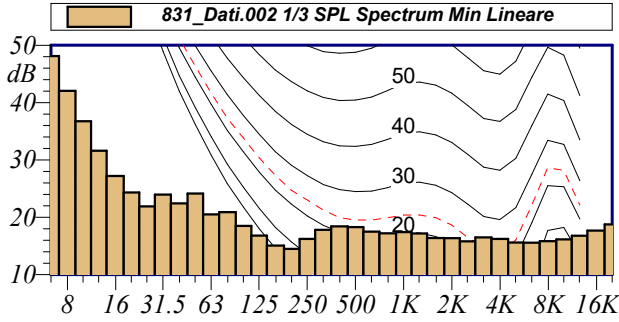
Componenti impulsive

831_Dati.001 1/3 Leq Spectrum + SLM - LAS	831_Dati.001 1/3 Leq Spectrum + SLM - LAF	831_Dati.001 1/3 Leq Spectrum + SLM - LAI
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Nome misura: 831_Dati.002
Località:
Strumentazione: 831 0001035
Durata: 1221 (secondi)
Nome operatore:
Data, ora misura: 02/03/2022 11:45:40
Over SLM: 0
Over OBA: 0

831_Dati.002 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	56.5 dB	160 Hz	29.8 dB	2000 Hz	23.7 dB
16 Hz	54.3 dB	200 Hz	27.4 dB	2500 Hz	23.6 dB
20 Hz	51.8 dB	250 Hz	28.2 dB	3150 Hz	23.6 dB
25 Hz	49.7 dB	315 Hz	27.3 dB	4000 Hz	23.2 dB
31.5 Hz	48.2 dB	400 Hz	27.6 dB	5000 Hz	22.5 dB
40 Hz	44.8 dB	500 Hz	27.0 dB	6300 Hz	21.9 dB
50 Hz	42.9 dB	630 Hz	26.3 dB	8000 Hz	21.2 dB
63 Hz	40.4 dB	800 Hz	25.2 dB	10000 Hz	20.3 dB
80 Hz	37.4 dB	1000 Hz	25.5 dB	12500 Hz	19.7 dB
100 Hz	35.2 dB	1250 Hz	25.0 dB	16000 Hz	19.8 dB
125 Hz	33.0 dB	1600 Hz	24.3 dB	20000 Hz	19.8 dB



L1: 47.5 dBA	L5: 44.4 dBA
L10: 42.9 dBA	L50: 35.4 dBA
L90: 34.5 dBA	L95: 33.3 dBA

L_{Aeq} = 32.9 dB

Annotazioni:

831_Dati.002 - LAeq
831_Dati.002 - LAeq - Running Leq

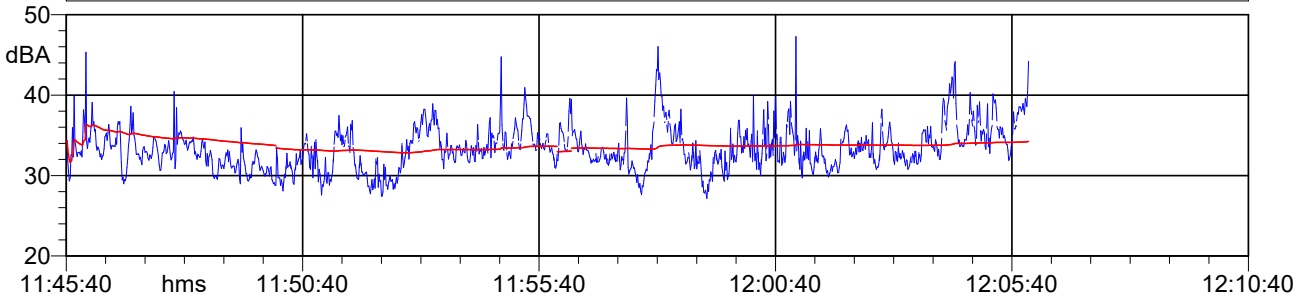
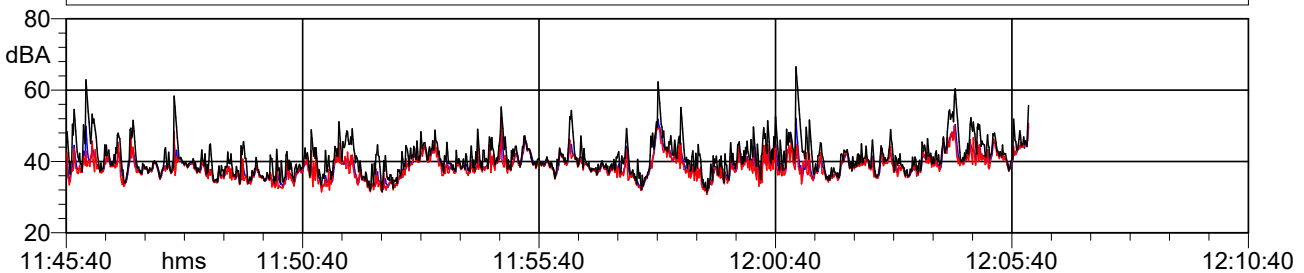


Tabella Automatica delle Maschere

Nome	Inizio	Durata	Leq
Totale	11:45:41	00:20:21	32.9 dBA
Non Mascherato	11:45:41	00:20:21	32.9 dBA
Mascherato	00:00:00	00:00:00	0.0 dBA

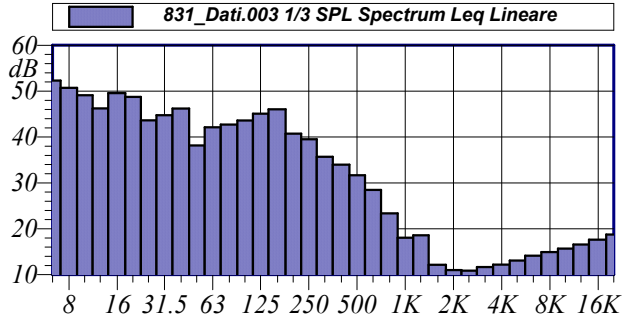
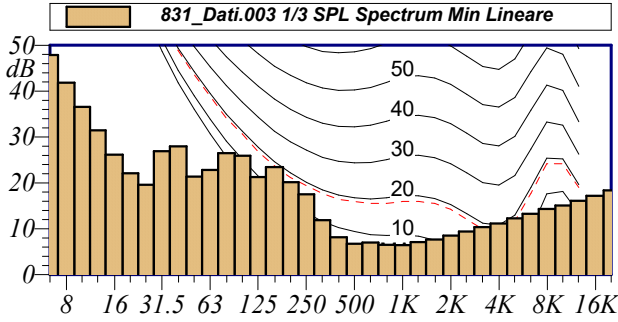
Componenti impulsive

831_Dati.002 1/3 Leq Spectrum + SLM - LAS	831_Dati.002 1/3 Leq Spectrum + SLM - LAF	831_Dati.002 1/3 Leq Spectrum + SLM - LAI
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Nome misura: 831_Dati.003
Località:
Strumentazione: 831 0001035
Durata: 1216 (secondi)
Nome operatore:
Data, ora misura: 02/03/2022 13:05:10
Over SLM: N/A
Over OBA: N/A

831_Dati.003 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	46.2 dB	160 Hz	46.0 dB	2000 Hz	11.0 dB
16 Hz	49.6 dB	200 Hz	40.7 dB	2500 Hz	10.9 dB
20 Hz	48.7 dB	250 Hz	39.5 dB	3150 Hz	11.7 dB
25 Hz	43.6 dB	315 Hz	35.7 dB	4000 Hz	12.2 dB
31.5 Hz	44.8 dB	400 Hz	34.0 dB	5000 Hz	13.1 dB
40 Hz	46.2 dB	500 Hz	31.7 dB	6300 Hz	14.1 dB
50 Hz	38.1 dB	630 Hz	28.5 dB	8000 Hz	14.9 dB
63 Hz	42.1 dB	800 Hz	23.4 dB	10000 Hz	15.7 dB
80 Hz	42.7 dB	1000 Hz	18.1 dB	12500 Hz	16.6 dB
100 Hz	43.6 dB	1250 Hz	18.6 dB	16000 Hz	17.6 dB
125 Hz	45.1 dB	1600 Hz	12.2 dB	20000 Hz	18.8 dB



L1: 57.5 dBA	L5: 53.0 dBA
L10: 49.2 dBA	L50: 33.1 dBA
L90: 28.1 dBA	L95: 27.3 dBA

L_{Aeq} = 34.3 dB

Annotazioni:

831_Dati.003 - LAeq
831_Dati.003- LAeq - Running Leq

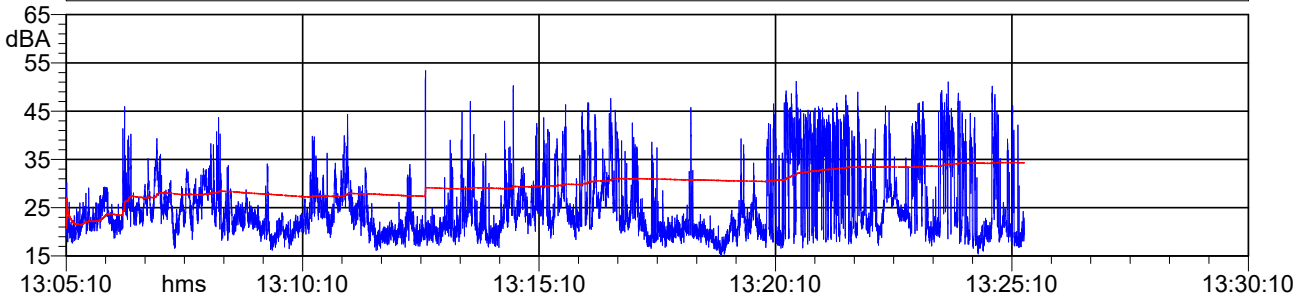
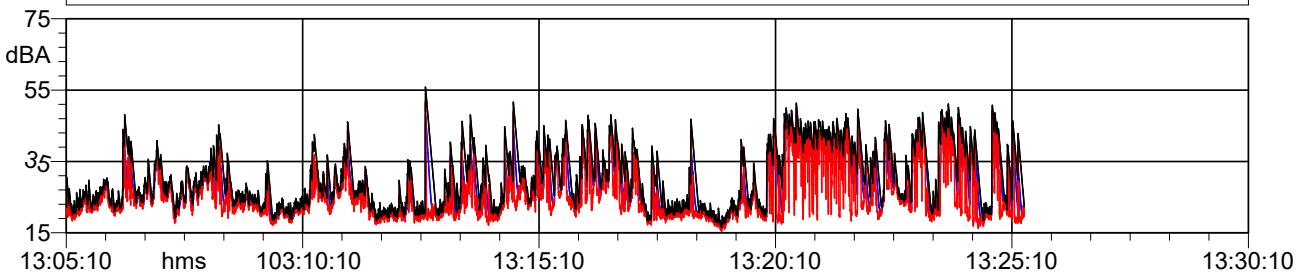


Tabella Automatica delle Maschere			
Nome	Inizio	Durata	Leq
Totale	13:05:10	00:20:15.900	34.3 dBA
Non Mascherato	13:05:10	00:20:15.900	34.3 dBA
Mascherato		00:00:00	0.0 dBA

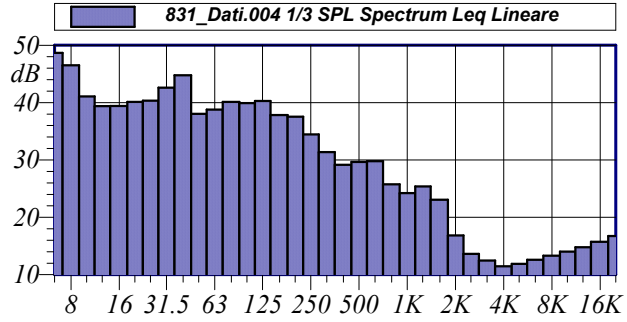
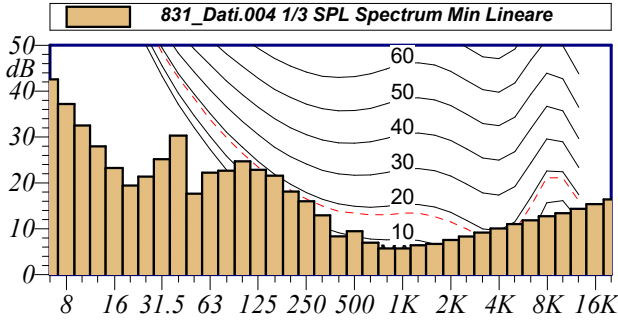
Componenti impulsive

831_Dati.003 1/3 Leq Spectrum + SLM - LAS	831_Dati.003 1/3 Leq Spectrum + SLM - LAF	831_Dati.003 1/3 Leq Spectrum + SLM - LAI
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Nome misura: 831_Dati.004
Località:
Strumentazione: 831 0001035
Durata: 1247 (secondi)
Nome operatore:
Data, ora misura: 02/03/2022 18:30:29
Over SLM: N/A
Over OBA: N/A

831_Dati.004 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	39.4 dB	160 Hz	37.8 dB	2000 Hz	16.9 dB
16 Hz	39.4 dB	200 Hz	37.6 dB	2500 Hz	13.6 dB
20 Hz	40.1 dB	250 Hz	34.5 dB	3150 Hz	12.5 dB
25 Hz	40.3 dB	315 Hz	31.4 dB	4000 Hz	11.5 dB
31.5 Hz	42.6 dB	400 Hz	29.2 dB	5000 Hz	11.9 dB
40 Hz	44.8 dB	500 Hz	29.7 dB	6300 Hz	12.6 dB
50 Hz	38.0 dB	630 Hz	29.8 dB	8000 Hz	13.3 dB
63 Hz	38.8 dB	800 Hz	25.8 dB	10000 Hz	14.0 dB
80 Hz	40.1 dB	1000 Hz	24.2 dB	12500 Hz	14.8 dB
100 Hz	39.9 dB	1250 Hz	25.4 dB	16000 Hz	15.7 dB
125 Hz	40.3 dB	1600 Hz	23.1 dB	20000 Hz	16.7 dB



L1: 54.3 dBA	L5: 49.3 dBA
L10: 45.7 dBA	L50: 33.5 dBA
L90: 29.2 dBA	L95: 28.6 dBA

$L_{Aeq} = 32.2 \text{ dB}$

Annotazioni:

— 831_Dati.004 - LAeq
— 831_Dati.004 -Running Leq

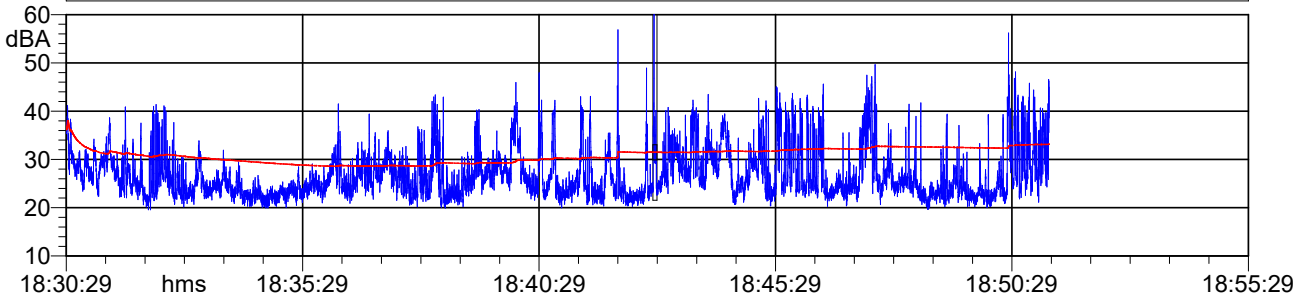
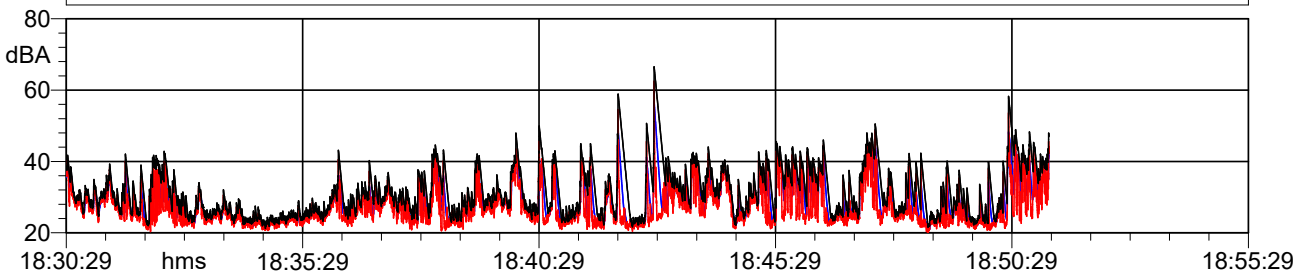


Tabella Automatica delle Maschere

Nome	Inizio	Durata	Leq
Totale	18:30:29	00:20:47.200	32.2 dBA
Non Mascherato	18:30:29	00:20:47.200	32.2 dBA
Mascherato	€€€€€€	€€€€€€	0.0 dBA

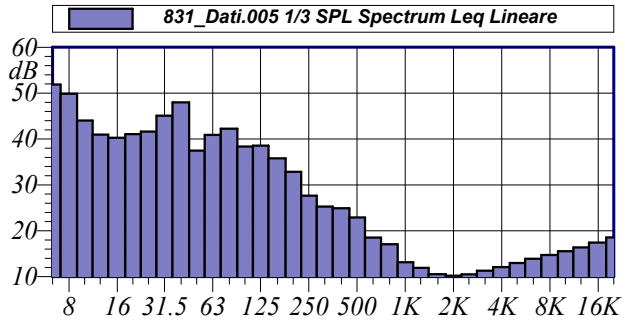
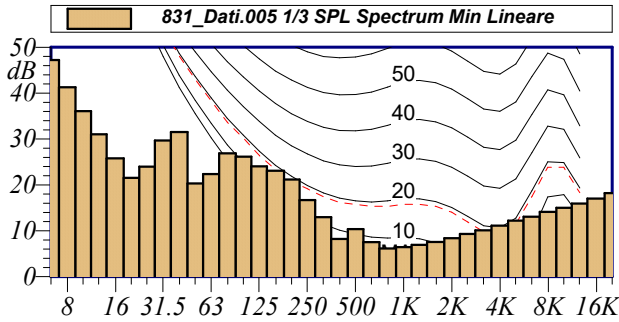
Componenti impulsive

— 831_Dati.004 1/3 Leq Spectrum + SLM - LAS	— 831_Dati.004 1/3 Leq Spectrum + SLM - LAF	— 831_Dati.004 1/3 Leq Spectrum + SLM - LAI
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Nome misura: 831_Dati.005
Località:
Strumentazione: 831 0001035
Durata: 1358 (secondi)
Nome operatore:
Data, ora misura: 02/03/2022 22:20:39
Over SLM: N/A
Over OBA: N/A

831_Dati.005 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	41.0 dB	160 Hz	35.8 dB	2000 Hz	10.2 dB
16 Hz	40.3 dB	200 Hz	32.9 dB	2500 Hz	10.5 dB
20 Hz	41.1 dB	250 Hz	27.6 dB	3150 Hz	11.3 dB
25 Hz	41.6 dB	315 Hz	25.3 dB	4000 Hz	12.1 dB
31.5 Hz	45.1 dB	400 Hz	24.9 dB	5000 Hz	13.0 dB
40 Hz	48.0 dB	500 Hz	22.9 dB	6300 Hz	13.9 dB
50 Hz	37.5 dB	630 Hz	18.5 dB	8000 Hz	14.7 dB
63 Hz	40.9 dB	800 Hz	17.1 dB	10000 Hz	15.5 dB
80 Hz	42.2 dB	1000 Hz	13.1 dB	12500 Hz	16.4 dB
100 Hz	38.3 dB	1250 Hz	11.9 dB	16000 Hz	17.4 dB
125 Hz	38.5 dB	1600 Hz	10.5 dB	20000 Hz	18.6 dB



L1: 48.1 dBA	L5: 41.6 dBA
L10: 38.9 dBA	L50: 31.6 dBA
L90: 28.5 dBA	L95: 27.9 dBA

L_{Aeq} = 30.7 dB

Annotazioni:

831_Dati.005- LAeq
831_Dati.005 - LAeq - Running Leq

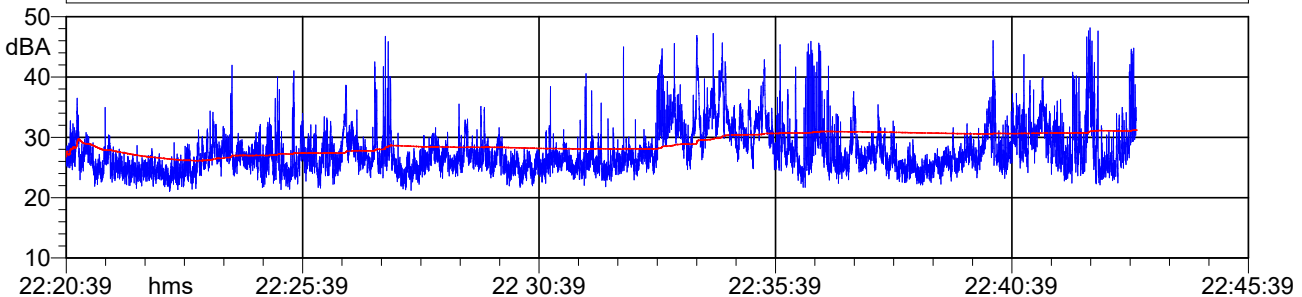
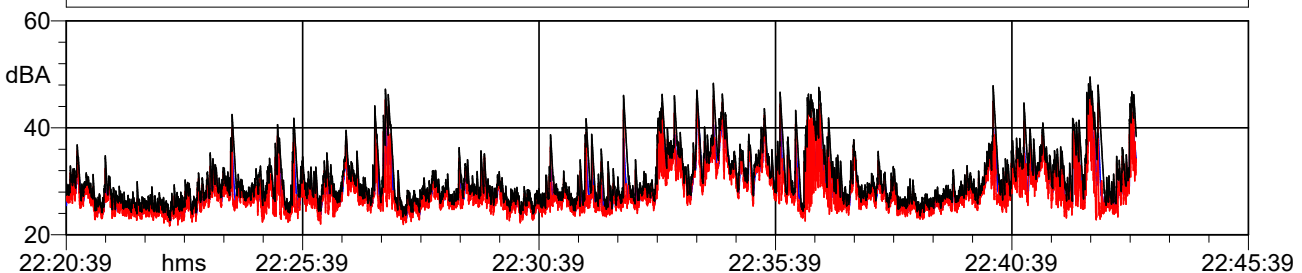


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	Leq
Totale	22:20:39	00:22:37.799	30.7 dBA
Non Mascherato	22:20:39	00:22:37.799	30.7 dBA
Mascherato		00:00:00	0.0 dBA

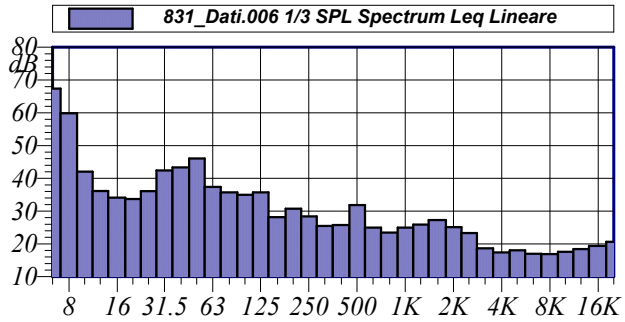
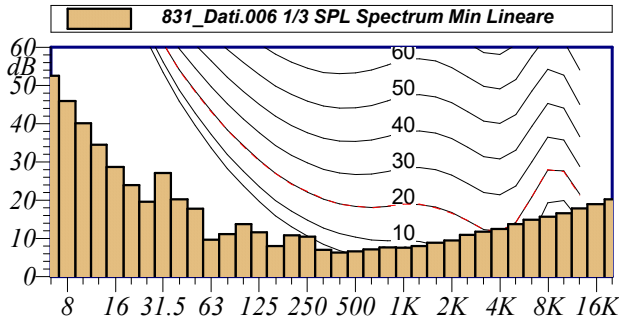
Componenti impulsive

831_Dati.005 1/3 Leq Spectrum + SLM - LAS	831_Dati.005 1/3 Leq Spectrum + SLM - LAF	831_Dati.005 1/3 Leq Spectrum + SLM - LAI
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Nome misura: 831_Dati.006
Località:
Strumentazione: 831 0001035
Durata: 1218 (secondi)
Nome operatore:
Data, ora misura: 02/03/2022 23:25:35
Over SLM: 0
Over OBA: 0

831_Dati.006 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	36.1 dB	160 Hz	28.2 dB	2000 Hz	25.1 dB
16 Hz	34.1 dB	200 Hz	30.7 dB	2500 Hz	23.3 dB
20 Hz	33.7 dB	250 Hz	28.4 dB	3150 Hz	18.6 dB
25 Hz	36.1 dB	315 Hz	25.5 dB	4000 Hz	17.4 dB
31.5 Hz	42.4 dB	400 Hz	25.7 dB	5000 Hz	18.0 dB
40 Hz	43.3 dB	500 Hz	31.9 dB	6300 Hz	17.0 dB
50 Hz	46.1 dB	630 Hz	25.0 dB	8000 Hz	16.9 dB
63 Hz	37.4 dB	800 Hz	23.5 dB	10000 Hz	17.6 dB
80 Hz	35.7 dB	1000 Hz	25.0 dB	12500 Hz	18.4 dB
100 Hz	35.0 dB	1250 Hz	25.9 dB	16000 Hz	19.4 dB
125 Hz	35.7 dB	1600 Hz	27.3 dB	20000 Hz	20.6 dB



L1: 47.7 dBA	L5: 40.3 dBA
L10: 36.5 dBA	L50: 31.9 dBA
L90: 29.2 dBA	L95: 25.2 dBA

L_{Aeq} = 32.2 dB

Annotazioni:

831_Dati.006 - LAeq
831_Dati.006 - LAeq - Running Leq

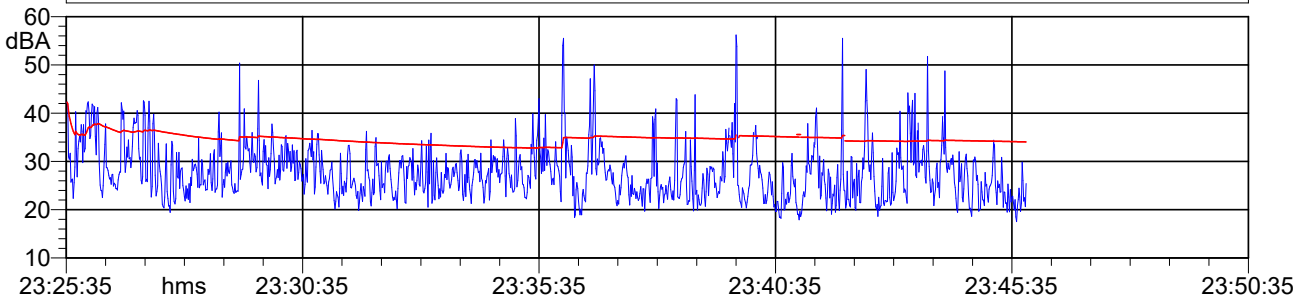
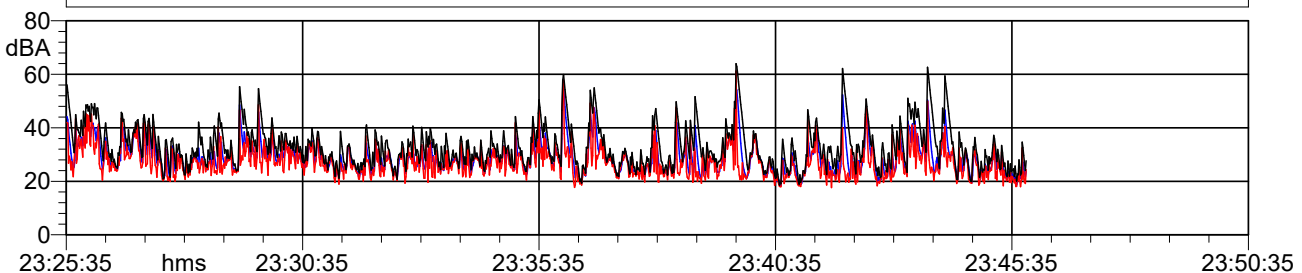


Tabella Automatica delle Maschere

Nome	Inizio	Durata	Leq
Totale	23:25:36	00:20:16	32.2 dBA
Non Mascherato	23:25:36	00:20:16	32.2 dBA
Mascherato	00:00:00	00:00:00	0.0 dBA

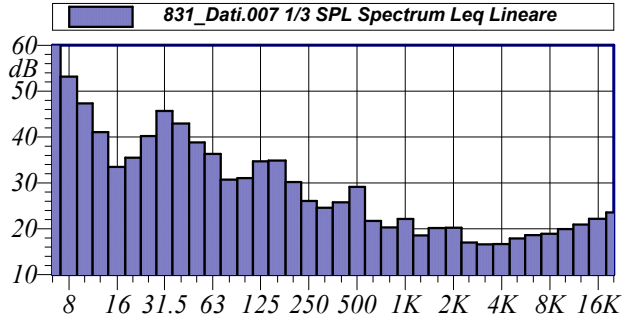
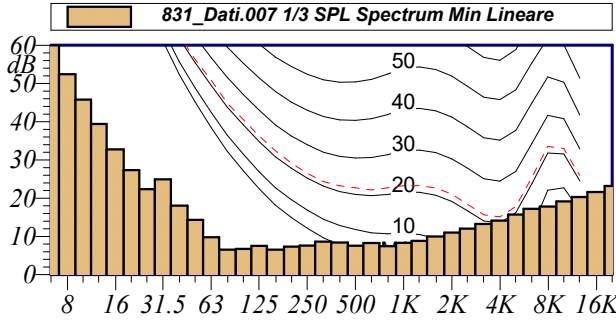
Componenti impulsive

831_Dati.006 1/3 Leq Spectrum + SLM - LAS	831_Dati.006 1/3 Leq Spectrum + SLM - LAF	831_Dati.006 1/3 Leq Spectrum + SLM - LAI
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Nome misura: 831_Dati.007
Località:
Strumentazione: 831 0001035
Durata: 1345 (secondi)
Nome operatore:
Data, ora misura: 03/03/2022 00:35:35
Over SLM: 0
Over OBA: 0

831_Dati.007 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	41.1 dB	160 Hz	34.9 dB	2000 Hz	20.2 dB
16 Hz	33.5 dB	200 Hz	30.2 dB	2500 Hz	17.0 dB
20 Hz	35.5 dB	250 Hz	26.1 dB	3150 Hz	16.6 dB
25 Hz	40.2 dB	315 Hz	24.6 dB	4000 Hz	16.7 dB
31.5 Hz	45.7 dB	400 Hz	25.8 dB	5000 Hz	17.9 dB
40 Hz	42.9 dB	500 Hz	29.1 dB	6300 Hz	18.6 dB
50 Hz	38.8 dB	630 Hz	21.7 dB	8000 Hz	18.9 dB
63 Hz	36.3 dB	800 Hz	20.3 dB	10000 Hz	19.9 dB
80 Hz	30.7 dB	1000 Hz	22.1 dB	12500 Hz	20.9 dB
100 Hz	31.0 dB	1250 Hz	18.5 dB	16000 Hz	22.2 dB
125 Hz	34.7 dB	1600 Hz	20.2 dB	20000 Hz	23.6 dB



L1: 42.5 dBA	L5: 40.2 dBA
L10: 38.3 dBA	L50: 32.2 dBA
L90: 28.0 dBA	L95: 23.6 dBA

$L_{Aeq} = 33.7$ dB

Annotazioni:

—	831_Dati.007 - LAeq
—	831_Dati.007 - LAeq - Running Leq

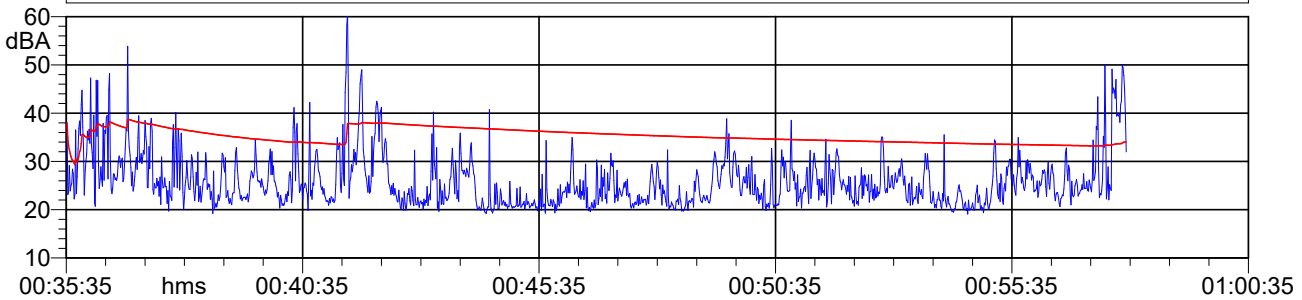
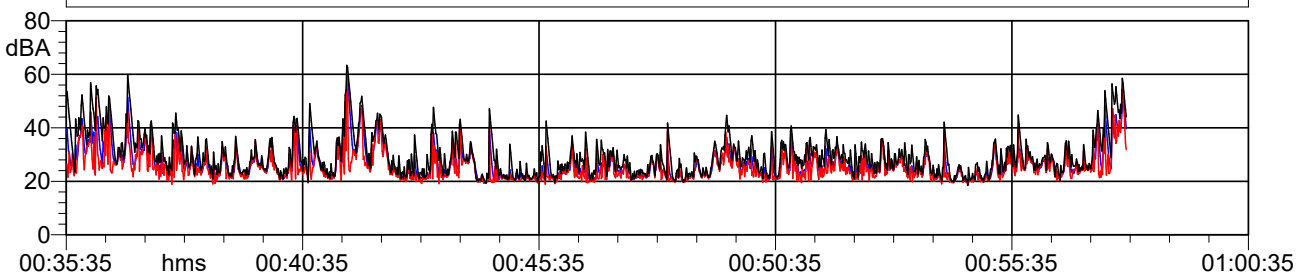


Tabella Automatica delle Maschere			
Nome	Inizio	Durata	Leq
Totale	00:35:36	00:22:25	33.7 dBA
Non Mascherato	00:35:36	00:22:25	33.7 dBA
Mascherato	00:00:00	00:00:00	0.0 dBA

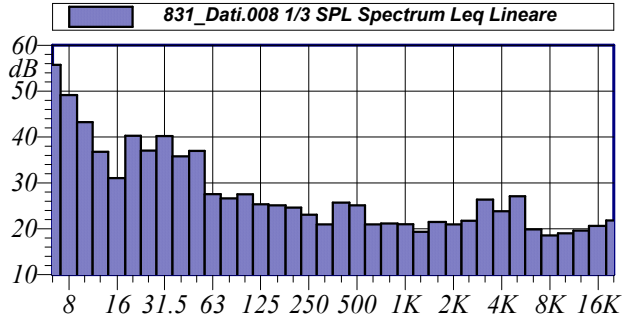
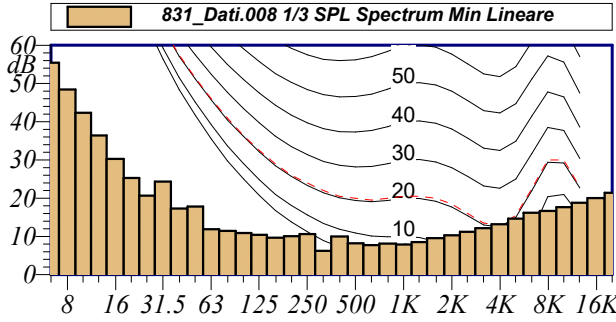
Componenti impulsive

—	831_Dati.007 1/3 Leq Spectrum + SLM - LAS	—	831_Dati.007 1/3 Leq Spectrum + SLM - LAF	—	831_Dati.007 1/3 Leq Spectrum + SLM - LAI
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Nome misura: 831_Dati.008
Località:
Strumentazione: 831 0001035
Durata: 1350 (secondi)
Nome operatore:
Data, ora misura: 03/03/2022 01:10:43
Over SLM: 0
Over OBA: 0

831_Dati.008 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	36.8 dB	160 Hz	25.1 dB	2000 Hz	21.0 dB
16 Hz	31.0 dB	200 Hz	24.6 dB	2500 Hz	21.7 dB
20 Hz	40.3 dB	250 Hz	23.1 dB	3150 Hz	26.4 dB
25 Hz	37.0 dB	315 Hz	21.0 dB	4000 Hz	23.8 dB
31.5 Hz	40.2 dB	400 Hz	25.7 dB	5000 Hz	27.1 dB
40 Hz	35.8 dB	500 Hz	25.1 dB	6300 Hz	19.9 dB
50 Hz	37.0 dB	630 Hz	21.0 dB	8000 Hz	18.5 dB
63 Hz	27.5 dB	800 Hz	21.2 dB	10000 Hz	19.0 dB
80 Hz	26.6 dB	1000 Hz	21.0 dB	12500 Hz	19.6 dB
100 Hz	27.5 dB	1250 Hz	19.3 dB	16000 Hz	20.6 dB
125 Hz	25.3 dB	1600 Hz	21.5 dB	20000 Hz	21.8 dB



L1: 49.5 dBA	L5: 36.2 dBA
L10: 33.1 dBA	L50: 34.9 dBA
L90: 31.2 dBA	L95: 28.4 dBA

L_{Aeq} = 35.7 dB

Annotazioni:

831_Dati.008 - LAeq
831_Dati.008 - LAeq - Running Leq

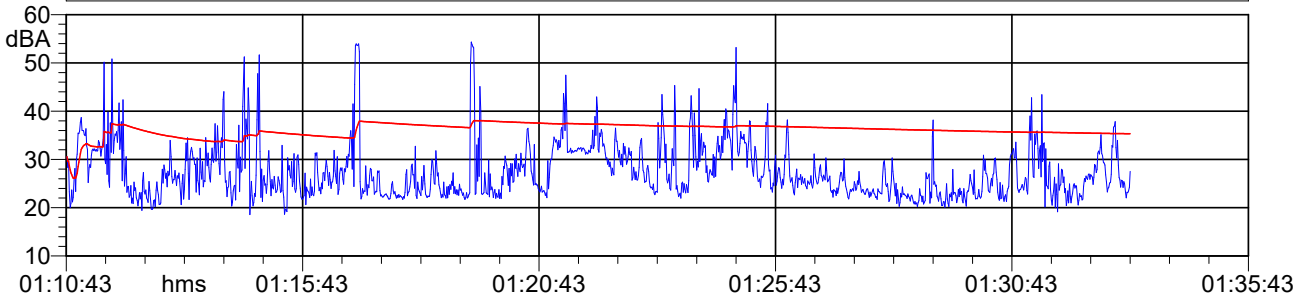
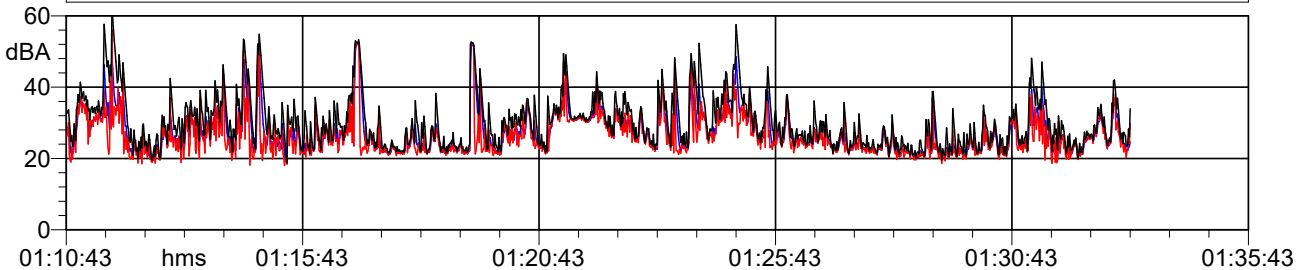


Tabella Automatica delle Maschere

Nome	Inizio	Durata	Leq
Totale	01:10:44	00:22:30	35.7 dBA
Non Mascherato	01:10:44	00:22:30	35.7 dBA
Mascherato	00:00:00	00:00:00	0.0 dBA

Componenti impulsive

831_Dati.008 1/3 Leq Spectrum + SLM - LAS	831_Dati.008 1/3 Leq Spectrum + SLM - LAF	831_Dati.008 1/3 Leq Spectrum + SLM - LAI
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Postazione di rilievo fonometrico	P2	
Coordinate UTM WGS84	E	N
	730020,00	4712033,00

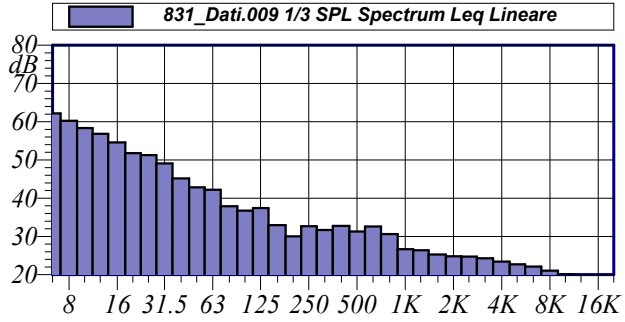
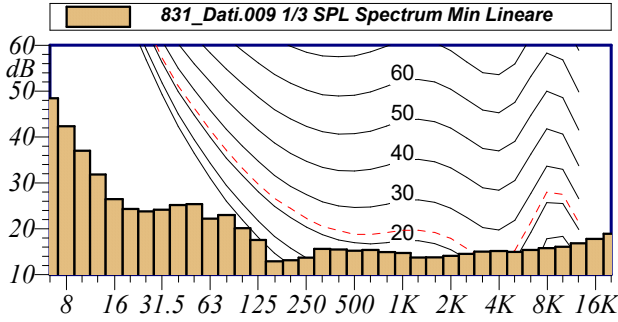
Postazione di misura	Ricettori associati	RUMORE RESIDUO - PERIODO DIURNO						RUMORE RESIDUO - NOTTURNO					
		Data di misura	Tempo di osservazione (TO)	Tempo di misura (TM)	Livello di rumore misurato dB(A)	Livello di rumore corretto dB(A)	V _w al suolo (m/s)	Data di misura	Tempo di osservazione (TO)	Tempo di misura (TM)	Livello di rumore misurato dB(A)	Livello di rumore corretto dB(A)	V _w al suolo (m/s)
P2	R3 - R4 - R5 - R7 - R8 - R9 - R10 - R18	03/03/2022	06:00 - 22:00	09:30 - 09:51	37,2	37,0	3,4	03/03/2022	22:00 - 06:00	22:04 - 22:27	33,2	33,0	1,4
		03/03/2022	06:00 - 22:00	11:17 - 11:38	35,7	35,5	2,4	03/03/2022	22:00 - 06:00	22:54 - 23:19	35,2	35,0	2,3
		03/03/2022	06:00 - 22:00	13:16 - 13:36	35,3	35,5	1,7	04/03/2022	22:00 - 06:00	00:40 - 01:02	37,1	37,0	4,8
		03/03/2022	06:00 - 22:00	16:41 - 17:06	34,0	34,0	1,4	04/03/2022	22:00 - 06:00	01:40 - 02:02	37,7	37,5	4,5

Localizzazione postazione di rilievo fonometrico e ricettori associati



Nome misura: 831_Dati.009
Località:
Strumentazione: 831 0001035
Durata: 1315 (secondi)
Nome operatore:
Data, ora misura: 03/03/2022 09:30:24
Over SLM: 0
Over OBA: 0

831_Dati.009 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	56.9 dB	160 Hz	32.9 dB	2000 Hz	24.8 dB
16 Hz	54.6 dB	200 Hz	30.0 dB	2500 Hz	24.7 dB
20 Hz	51.8 dB	250 Hz	32.7 dB	3150 Hz	23.4 dB
25 Hz	51.3 dB	315 Hz	31.7 dB	4000 Hz	23.4 dB
31.5 Hz	49.1 dB	400 Hz	32.8 dB	5000 Hz	22.7 dB
40 Hz	45.2 dB	500 Hz	31.3 dB	6300 Hz	22.1 dB
50 Hz	42.9 dB	630 Hz	32.6 dB	8000 Hz	21.1 dB
63 Hz	42.2 dB	800 Hz	30.6 dB	10000 Hz	20.1 dB
80 Hz	37.9 dB	1000 Hz	26.7 dB	12500 Hz	19.5 dB
100 Hz	36.8 dB	1250 Hz	26.4 dB	16000 Hz	19.6 dB
125 Hz	37.4 dB	1600 Hz	25.3 dB	20000 Hz	19.8 dB



L1: 53.2 dBA	L5: 48.1 dBA
L10: 45.5 dBA	L50: 38.3 dBA
L90: 32.1 dBA	L95: 30.8 dBA

$L_{Aeq} = 37.2 \text{ dB}$

Annotazioni:

—	831_Dati.009 - LAeq
—	831_Dati.009 - LAeq - Running Leq

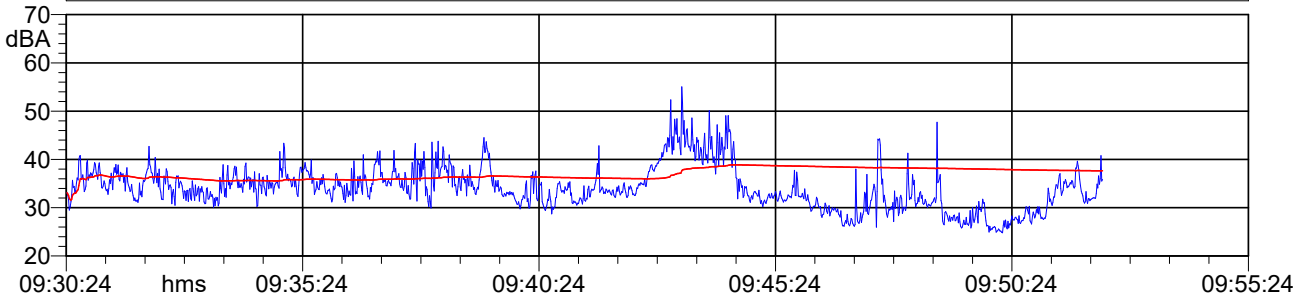
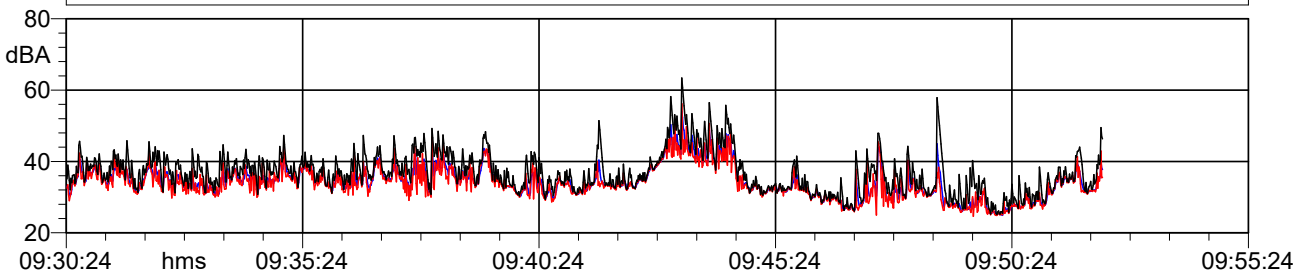


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	Leq
Totale	09:30:25	00:21:55	37.2 dBA
Non Mascherato	09:30:25	00:21:55	37.2 dBA
Mascherato	00:00:00	00:00:00	0.0 dBA

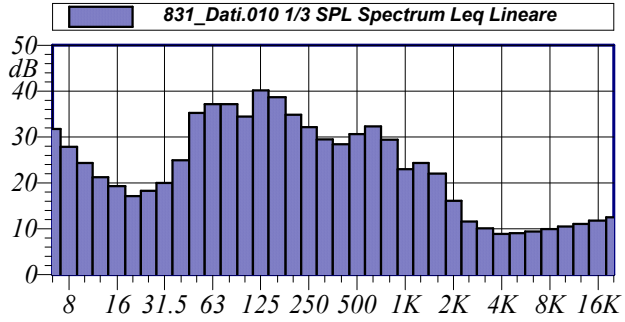
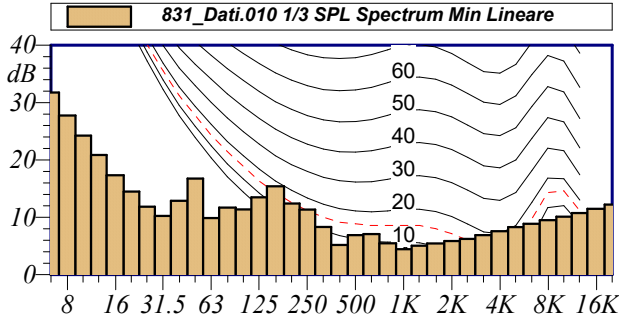
Componenti impulsive

831_Dati.009 1/3 Leq Spectrum + SLM - LAS	831_Dati.009 1/3 Leq Spectrum + SLM - LAF	831_Dati.009 1/3 Leq Spectrum + SLM - LAI
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Nome misura: 831_Dati.010
Località:
Strumentazione: 831 0001035
Durata: 1273 (secondi)
Nome operatore:
Data, ora misura: 03/03/2022 11:17:28
Over SLM: N/A
Over OBA: N/A

831_Dati.010 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	21.3 dB	160 Hz	38.7 dB	2000 Hz	16.1 dB
16 Hz	19.3 dB	200 Hz	34.8 dB	2500 Hz	11.6 dB
20 Hz	17.1 dB	250 Hz	32.2 dB	3150 Hz	10.1 dB
25 Hz	18.3 dB	315 Hz	29.5 dB	4000 Hz	8.9 dB
31.5 Hz	20.0 dB	400 Hz	28.4 dB	5000 Hz	9.0 dB
40 Hz	24.9 dB	500 Hz	30.6 dB	6300 Hz	9.4 dB
50 Hz	35.2 dB	630 Hz	32.3 dB	8000 Hz	9.9 dB
63 Hz	37.2 dB	800 Hz	29.4 dB	10000 Hz	10.5 dB
80 Hz	37.2 dB	1000 Hz	23.0 dB	12500 Hz	11.1 dB
100 Hz	34.5 dB	1250 Hz	24.3 dB	16000 Hz	11.8 dB
125 Hz	40.2 dB	1600 Hz	22.0 dB	20000 Hz	12.5 dB



L1: 70.0 dBA	L5: 67.8 dBA
L10: 66.4 dBA	L50: 54.9 dBA
L90: 41.2 dBA	L95: 35.6 dBA

$L_{Aeq} = 35.7 \text{ dB}$

Annotazioni:

—	831_Dati.010 - LAeq
—	831_Dati.010 - LAeq - Running Leq

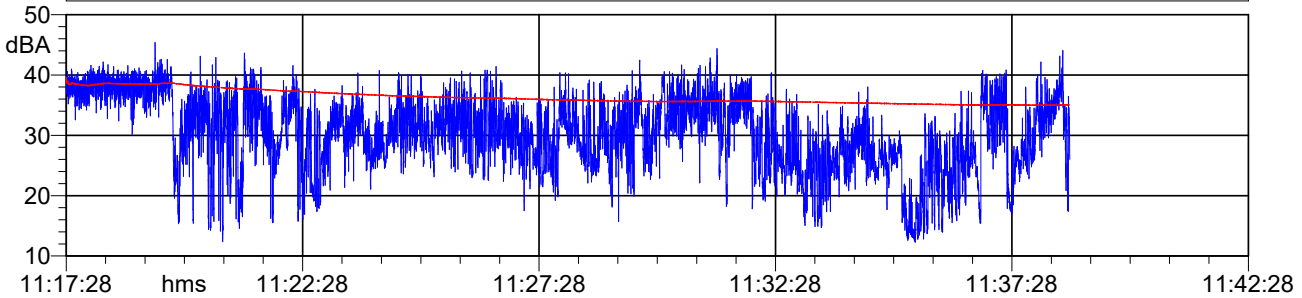
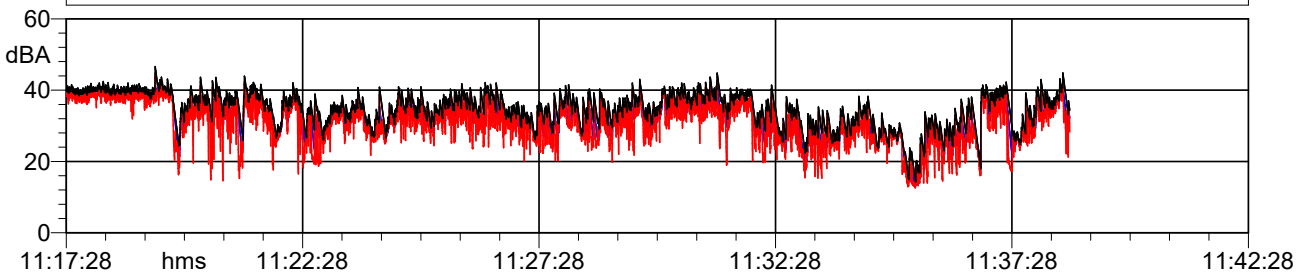


Tabella Automatica delle Maschere

Nome	Inizio	Durata	Leq
Totale	11:17:28	00:21:13.500	35.7 dBA
Non Mascherato	11:17:28	00:21:13.500	35.7 dBA
Mascherato		00:00:00	0.0 dBA

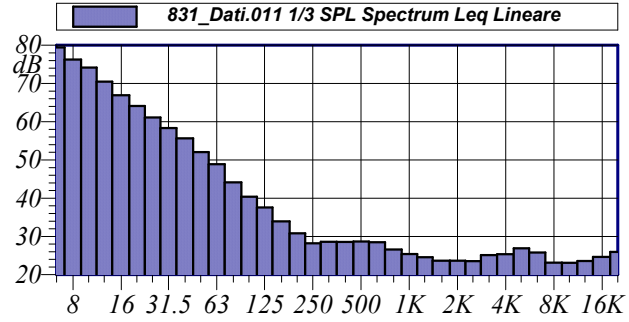
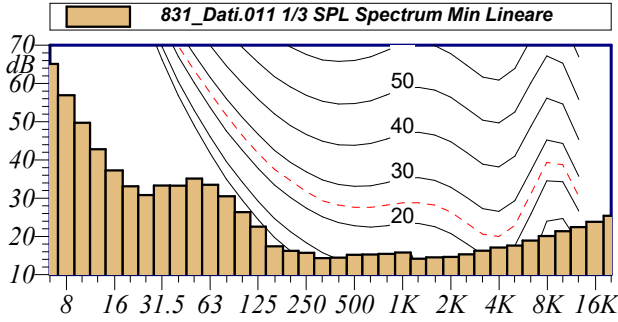
Componenti impulsive

—	831_Dati.010 1/3 Leq Spectrum + SLM - LAS	—	831_Dati.010 1/3 Leq Spectrum + SLM - LAF	—	831_Dati.010 1/3 Leq Spectrum + SLM - LAI
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Nome misura: 831_Dati.011
Località:
Strumentazione: 831 0001035
Durata: 1223 (secondi)
Nome operatore:
Data, ora misura: 03/03/2022 13:16:30
Over SLM: 0
Over OBA: 0

831_Dati.011 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	70.5 dB	160 Hz	33.9 dB	2000 Hz	23.6 dB
16 Hz	66.9 dB	200 Hz	30.8 dB	2500 Hz	23.5 dB
20 Hz	64.1 dB	250 Hz	28.2 dB	3150 Hz	25.1 dB
25 Hz	61.1 dB	315 Hz	28.6 dB	4000 Hz	25.4 dB
31.5 Hz	58.4 dB	400 Hz	28.6 dB	5000 Hz	26.9 dB
40 Hz	55.7 dB	500 Hz	28.7 dB	6300 Hz	25.8 dB
50 Hz	52.1 dB	630 Hz	28.5 dB	8000 Hz	23.1 dB
63 Hz	48.9 dB	800 Hz	26.6 dB	10000 Hz	23.1 dB
80 Hz	44.1 dB	1000 Hz	25.4 dB	12500 Hz	23.6 dB
100 Hz	40.4 dB	1250 Hz	24.6 dB	16000 Hz	24.7 dB
125 Hz	37.6 dB	1600 Hz	23.7 dB	20000 Hz	25.9 dB



L1: 41.4 dBA	L5: 38.2 dBA
L10: 36.7 dBA	L50: 38.2 dBA
L90: 33.0 dBA	L95: 30.1 dBA

L_{Aeq} = 35.3 dB

Annotazioni:

831_Dati.011 - LAeq
831_Dati.011 - LAeq - Running Leq

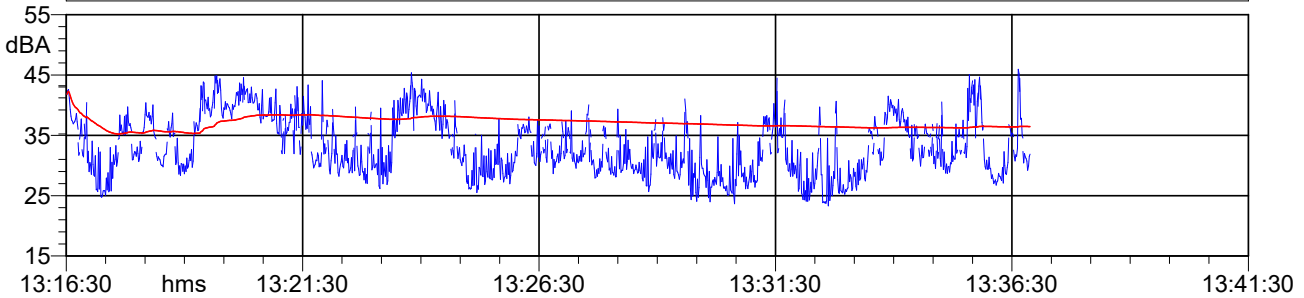
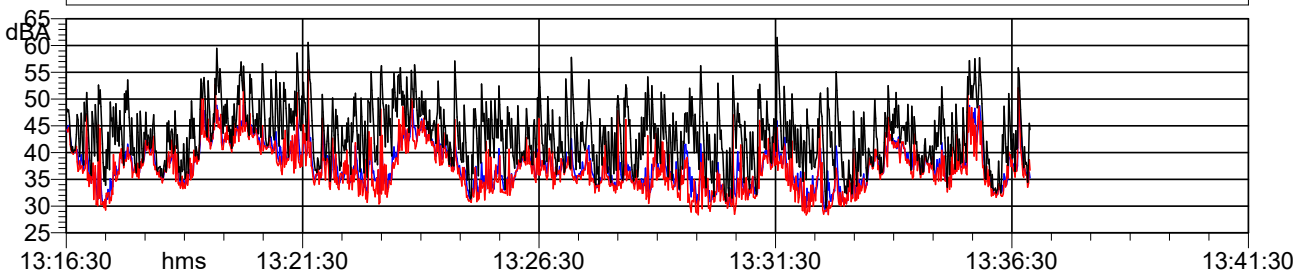


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	Leq
Totale	13:16:31	00:20:23	35.3 dBA
Non Mascherato	13:16:31	00:20:23	35.3dBA
Mascherato	00:00:00	00:00:00	0.0 dBA

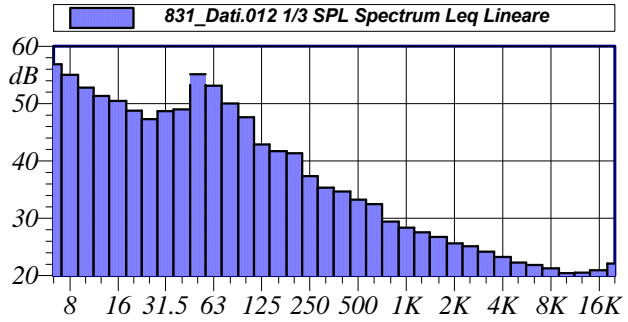
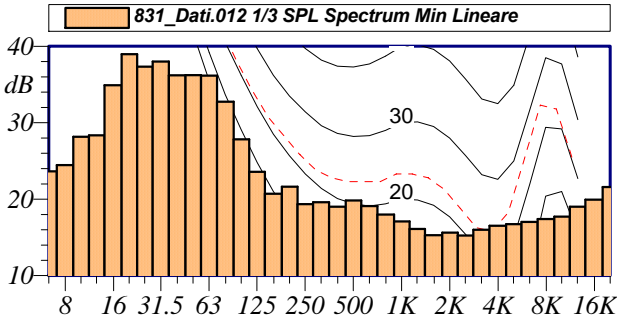
Componenti impulsive

831_Dati.011 1/3 Leq Spectrum + SLM - LAS	831_Dati.011 1/3 Leq Spectrum + SLM - LAF	831_Dati.011 1/3 Leq Spectrum + SLM - LAI
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Nome misura: 831_Dati.012
Località:
Strumentazione: 831 0001035
Durata: 1507 (secondi)
Nome operatore:
Data, ora misura: 03/03/2022 16:41:26
Over SLM: 0
Over OBA: 0

831_Dati.012 1/3 Leq Spectrum Leq Lineare					
12.5 Hz	51.5 dB	160 Hz	41.7 dB	2000 Hz	25.6 dB
16 Hz	50.5 dB	200 Hz	41.3 dB	2500 Hz	25.1 dB
20 Hz	48.9 dB	250 Hz	37.4 dB	3150 Hz	24.2 dB
25 Hz	48.0 dB	315 Hz	35.4 dB	4000 Hz	23.5 dB
31.5 Hz	48.7 dB	400 Hz	34.7 dB	5000 Hz	22.3 dB
40 Hz	49.0 dB	500 Hz	33.2 dB	6300 Hz	21.8 dB
50 Hz	55.3 dB	630 Hz	32.5 dB	8000 Hz	21.3 dB
63 Hz	53.1 dB	800 Hz	29.4 dB	10000 Hz	20.4 dB
80 Hz	50.0 dB	1000 Hz	28.4 dB	12500 Hz	20.7 dB
100 Hz	47.6 dB	1250 Hz	27.6 dB	16000 Hz	20.8 dB
125 Hz	42.9 dB	1600 Hz	26.8 dB	20000 Hz	22.2 dB



L1: 50.9 dBA	L5: 44.4 dBA
L10: 41.4 dBA	L50: 35.0 dBA
L90: 31.9 dBA	L95: 31.2 dBA

$L_{Aeq} = 34.0 \text{ dB}$

Annotazioni:

—	831_Dati.012 - LAeq
—	831_Dati.012 - LAeq - Running Leq

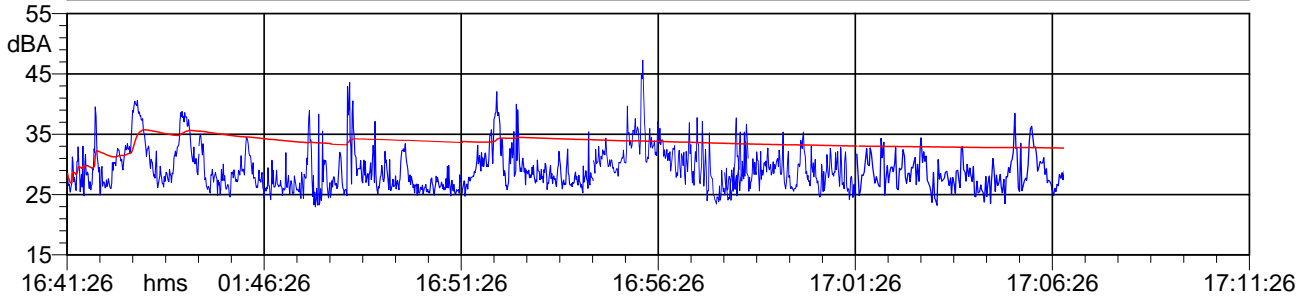
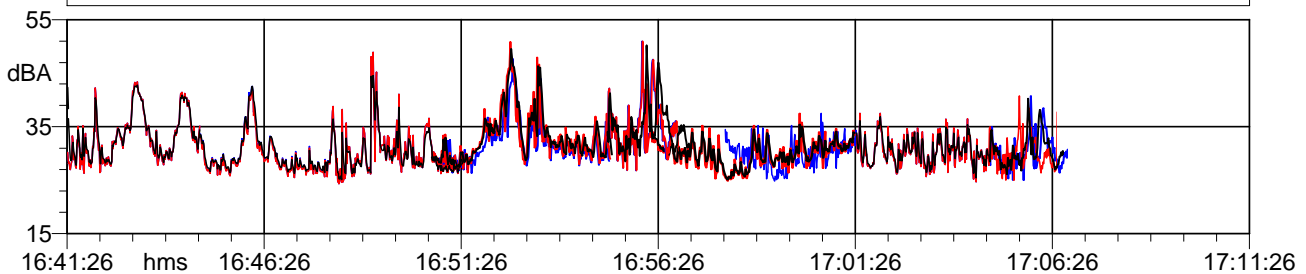


Tabella Automatica delle Maschere			
Nome	Inizio	Durata	Leq
Totale	16:41:27	00:25:07	34.0 dBA
Non Mascherato	16:41:27	00:25:07	34.0 dBA
Mascherato	00:00:00	00:00:00	0.0 dBA

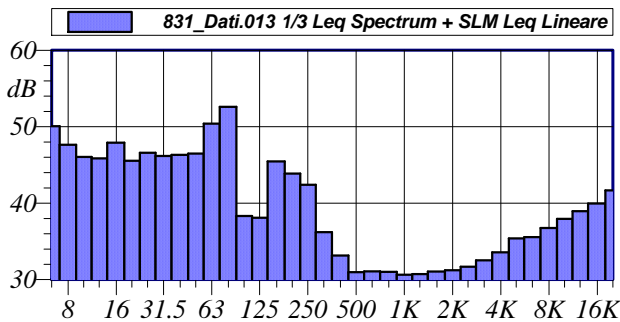
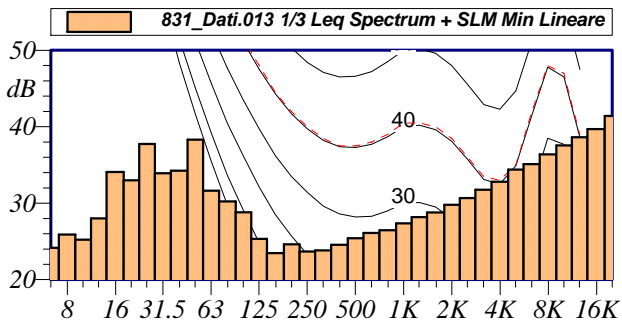
Componenti impulsive

831_Dati.012 1/3 Leq Spectrum + SLM - LAeq	831_Dati.012 1/3 Leq Spectrum + SLM - LAeq	831_Dati.012 1/3 Leq Spectrum + SLM - LAS
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Nome misura: 831_Dati.013
Località:
Strumentazione: 831 0001035
Durata: 1388 (secondi)
Nome operatore:
Data, ora misura: 03/03/2022 22:04:38
Over SLM: 0
Over OBA: 0

831_Dati.013 1/3 Leq Spectrum + SLM Leq Lineare					
12.5 Hz	45.9 dB	160 Hz	45.5 dB	2000 Hz	31.2 dB
16 Hz	47.9 dB	200 Hz	43.9 dB	2500 Hz	31.7 dB
20 Hz	45.6 dB	250 Hz	42.4 dB	3150 Hz	32.6 dB
25 Hz	46.6 dB	315 Hz	36.2 dB	4000 Hz	33.6 dB
31.5 Hz	46.2 dB	400 Hz	33.1 dB	5000 Hz	35.4 dB
40 Hz	46.3 dB	500 Hz	31.0 dB	6300 Hz	35.6 dB
50 Hz	46.5 dB	630 Hz	31.1 dB	8000 Hz	36.8 dB
63 Hz	50.4 dB	800 Hz	31.0 dB	10000 Hz	38.0 dB
80 Hz	52.6 dB	1000 Hz	30.6 dB	12500 Hz	39.0 dB
100 Hz	38.3 dB	1250 Hz	30.7 dB	16000 Hz	40.0 dB
125 Hz	38.1 dB	1600 Hz	31.1 dB	20000 Hz	41.7 dB



L1: 42.3 dBA	L5: 38.9 dBA
L10: 37.2 dBA	L50: 32.9 dBA
L90: 30.8 dBA	L95: 30.3 dBA

L_{Aeq} = 33.2 dB

Annotazioni:

—	831_Dati.013- LAeq
—	831_Dati.013- LAeq - Running Leq

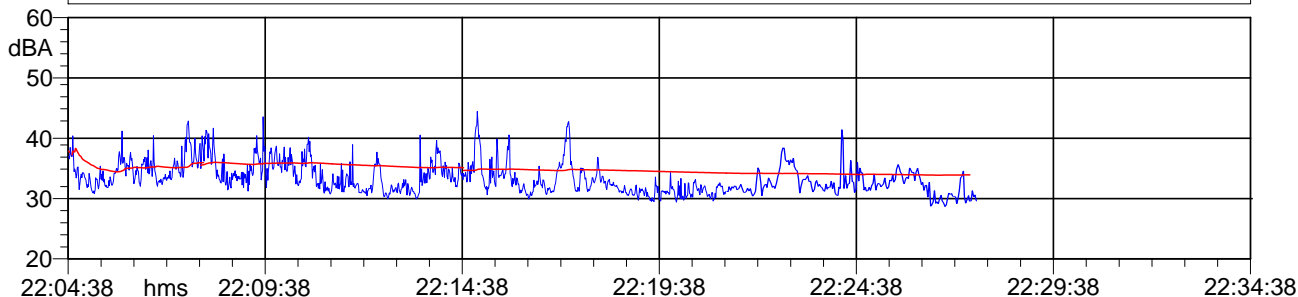
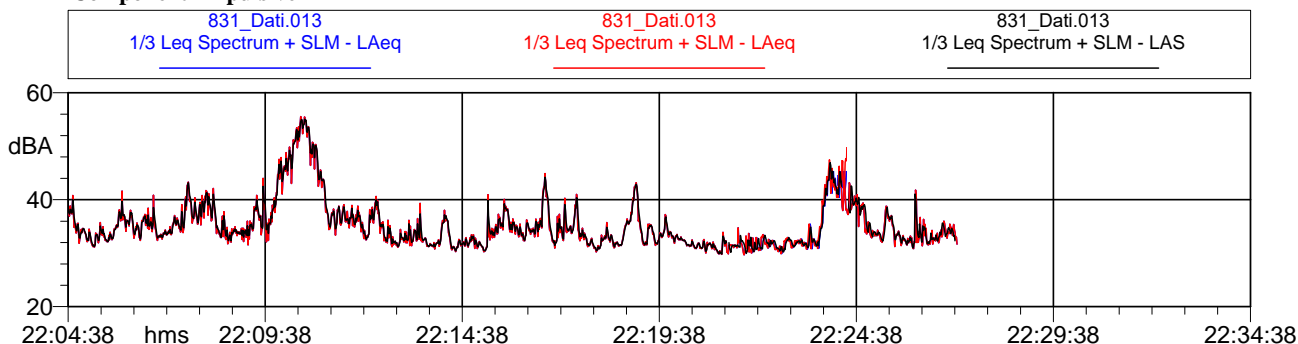


Tabella Automatica delle Maschere

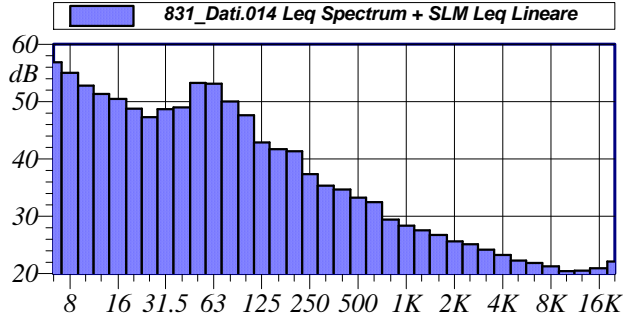
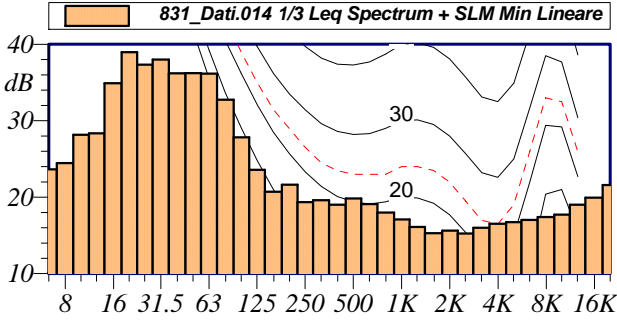
Nome	Inizio	Durata	Leq
Totale	22:04:38	00:23:08	33.2 dBA
Non Mascherato	22:04:38	00:23:08	33.2 dBA
Mascherato	00:00:00		0.0 dBA

Componenti impulsive



Nome misura: 831_Dati.014
Località:
Strumentazione: 831 0001035
Durata: 1537 (secondi)
Nome operatore:
Data, ora misura: 03/03/2022 22:54:26
Over SLM: 0
Over OBA: 0

831_Dati.014 1/3 Leq Spectrum + SLM Leq Lineare					
12.5 Hz	51.3 dB	160 Hz	41.7 dB	2000 Hz	25.6 dB
16 Hz	50.5 dB	200 Hz	41.3 dB	2500 Hz	25.1 dB
20 Hz	48.8 dB	250 Hz	37.4 dB	3150 Hz	24.2 dB
25 Hz	47.3 dB	315 Hz	35.4 dB	4000 Hz	23.3 dB
31.5 Hz	48.7 dB	400 Hz	34.7 dB	5000 Hz	22.3 dB
40 Hz	49.0 dB	500 Hz	33.2 dB	6300 Hz	21.8 dB
50 Hz	53.3 dB	630 Hz	32.5 dB	8000 Hz	21.3 dB
63 Hz	53.1 dB	800 Hz	29.4 dB	10000 Hz	20.4 dB
80 Hz	50.0 dB	1000 Hz	28.4 dB	12500 Hz	20.5 dB
100 Hz	47.6 dB	1250 Hz	27.6 dB	16000 Hz	20.9 dB
125 Hz	42.9 dB	1600 Hz	26.8 dB	20000 Hz	22.1 dB



L1: 49.7 dBA	L5: 44.7 dBA
L10: 42.4 dBA	L50: 35.1 dBA
L90: 31.7 dBA	L95: 30.2 dBA

$L_{Aeq} = 35.2 \text{ dB}$

Annotazioni:

—	831_Dati.014 - LAeq
—	831_Dati.014 - LAeq - Running Leq

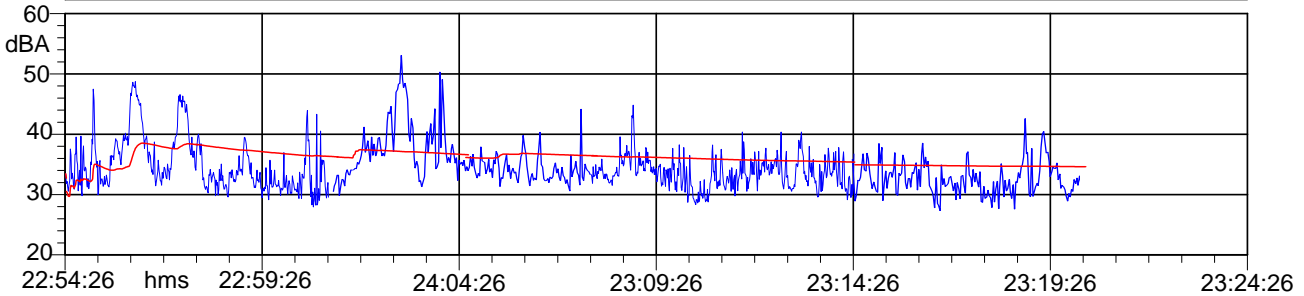
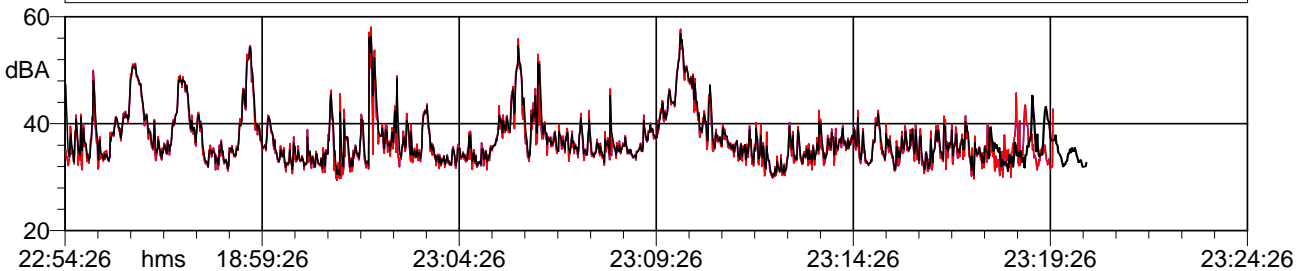


Tabella Automatica delle Maschere			
Nome	Inizio	Durata	Leq
Totale	22:54:26	00:25:57	35.2 dBA
Non Mascherato	22:54:26	00:25:57	35.2 dBA
Mascherato		00:00:00	0.0 dBA

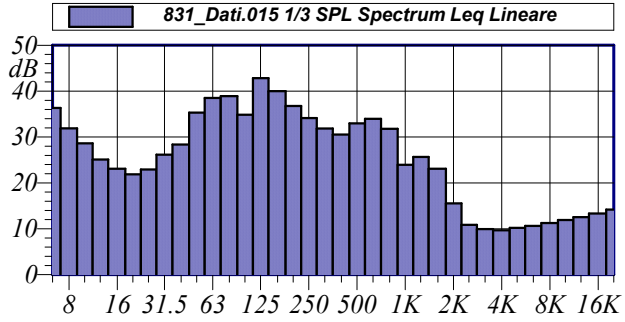
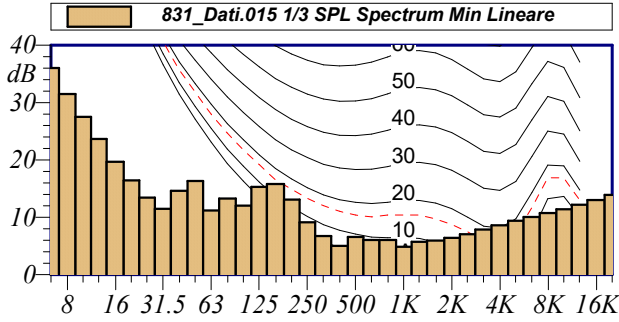
Componenti impulsive

831_Dati.014 1/3 Leq Spectrum + SLM - LAeq	831_Dati.014 1/3 Leq Spectrum + SLM - LAeq	831_Dati.014 1/3 Leq Spectrum + SLM - LAS
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Nome misura: 831_Dati.015
Località:
Strumentazione: 831 0001035
Durata: 1351 (secondi)
Nome operatore:
Data, ora misura: 04/03/2022 00:40:37
Over SLM: N/A
Over OBA: N/A

831_Dati.015 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	25.1 dB	160 Hz	40.0 dB	2000 Hz	15.5 dB
16 Hz	23.1 dB	200 Hz	36.8 dB	2500 Hz	10.9 dB
20 Hz	21.9 dB	250 Hz	34.1 dB	3150 Hz	9.9 dB
25 Hz	22.9 dB	315 Hz	31.9 dB	4000 Hz	9.7 dB
31.5 Hz	26.1 dB	400 Hz	30.5 dB	5000 Hz	10.2 dB
40 Hz	28.3 dB	500 Hz	33.0 dB	6300 Hz	10.6 dB
50 Hz	35.3 dB	630 Hz	34.0 dB	8000 Hz	11.3 dB
63 Hz	38.5 dB	800 Hz	31.8 dB	10000 Hz	11.9 dB
80 Hz	38.9 dB	1000 Hz	23.9 dB	12500 Hz	12.5 dB
100 Hz	34.9 dB	1250 Hz	25.7 dB	16000 Hz	13.3 dB
125 Hz	42.8 dB	1600 Hz	23.1 dB	20000 Hz	14.2 dB



L1: 67.4 dBA	L5: 64.2 dBA
L10: 61.7 dBA	L50: 49.3 dBA
L90: 32.0 dBA	L95: 27.1 dBA

$L_{Aeq} = 37.1$ dB

Annotazioni:

—	831_Dati.015- LAeq
—	831_Dati.015 - LAeq - Running Leq

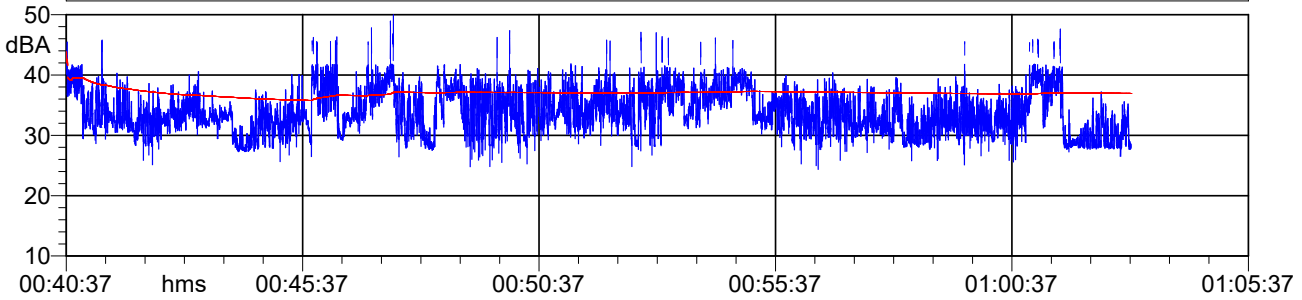
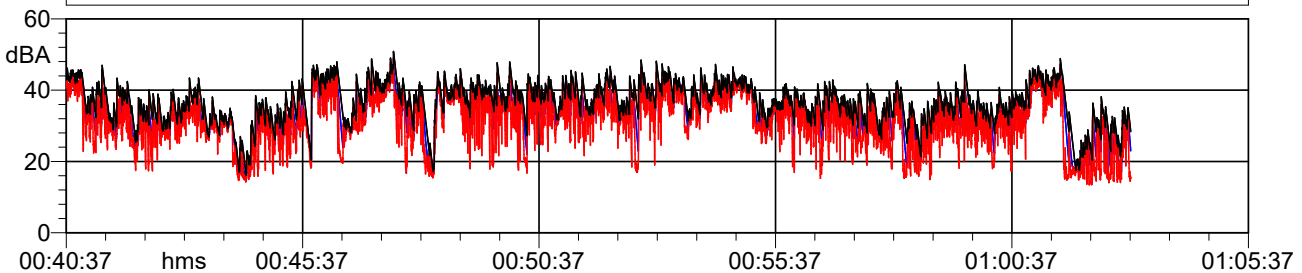


Tabella Automatica delle Maschere

Nome	Inizio	Durata	Leq
Totale	00:40:37	00:22:31	37.1 dBA
Non Mascherato	00:40:37	00:22:31	37.1 dBA
Mascherato	00:00:00	00:00:00	0.0 dBA

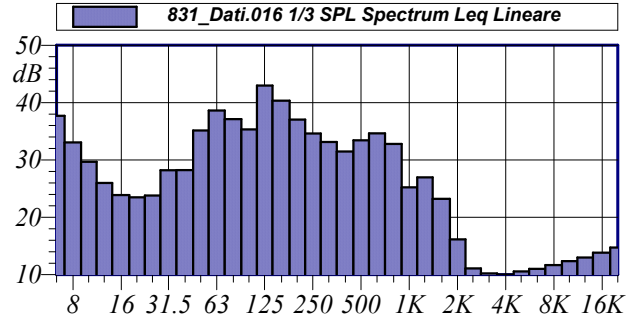
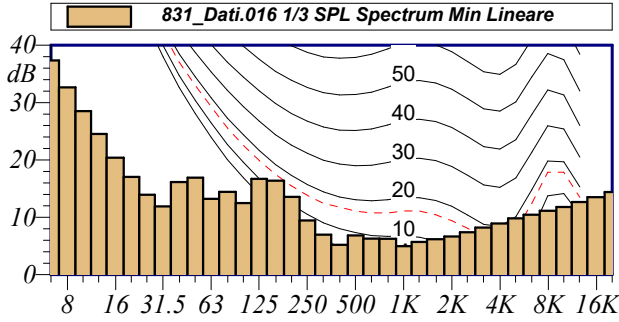
Componenti impulsive

—	831_Dati.015 1/3 Leq Spectrum + SLM - LAS	—	831_Dati.015 1/3 Leq Spectrum + SLM - LAF	—	831_Dati.015 1/3 Leq Spectrum + SLM - LAI
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Nome misura: 831_Dati.016
Località:
Strumentazione: 831 0001035
Durata: 1325 (secondi)
Nome operatore:
Data, ora misura: 04/03/2022 01:40:03
Over SLM: N/A
Over OBA: N/A

831_Dati.016 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	26.0 dB	160 Hz	40.3 dB	2000 Hz	16.2 dB
16 Hz	23.9 dB	200 Hz	37.0 dB	2500 Hz	11.1 dB
20 Hz	23.5 dB	250 Hz	34.6 dB	3150 Hz	10.2 dB
25 Hz	23.8 dB	315 Hz	33.1 dB	4000 Hz	10.0 dB
31.5 Hz	28.2 dB	400 Hz	31.5 dB	5000 Hz	10.6 dB
40 Hz	28.2 dB	500 Hz	33.4 dB	6300 Hz	11.0 dB
50 Hz	35.1 dB	630 Hz	34.6 dB	8000 Hz	11.7 dB
63 Hz	38.6 dB	800 Hz	32.8 dB	10000 Hz	12.3 dB
80 Hz	37.1 dB	1000 Hz	25.2 dB	12500 Hz	13.0 dB
100 Hz	35.3 dB	1250 Hz	27.0 dB	16000 Hz	13.8 dB
125 Hz	43.0 dB	1600 Hz	23.2 dB	20000 Hz	14.7 dB



L1: 66.2 dBA	L5: 62.9 dBA
L10: 60.5 dBA	L50: 49.6 dBA
L90: 32.9 dBA	L95: 27.2 dBA

$L_{Aeq} = 37.7$ dB

Annotazioni:

—	831_Dati.016 LAeq
—	831_Dati.016- LAeq - Running Leq

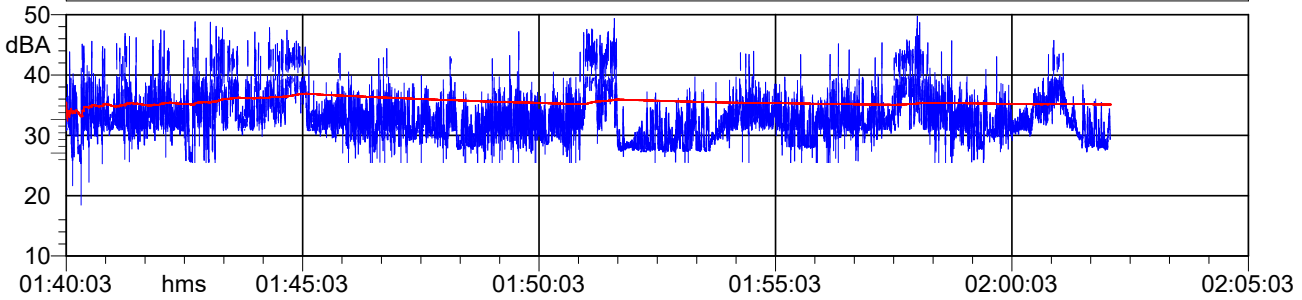
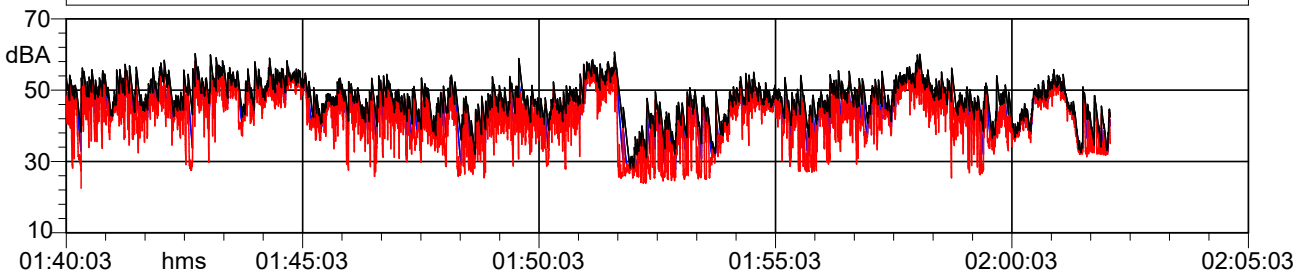


Tabella Automatica delle Maschere

Nome	Inizio	Durata	Leq
Totale	01:40:03	00:22:05	37.7dBA
Non Mascherato	01:40:03	00:22:05	37.7 dBA
Mascherato		00:00:00	0.0 dBA

Componenti impulsive

—	831_Dati.016 1/3 Leq Spectrum + SLM - LAS	—	831_Dati.016 1/3 Leq Spectrum + SLM - LAF	—	831_Dati.016 1/3 Leq Spectrum + SLM - LAI
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Postazione di rilievo fonometrico	P3	
Coordinate UTM WGS84	E	N
	731149,00	4709837,00

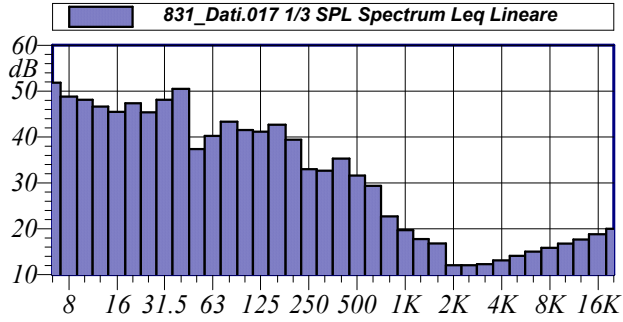
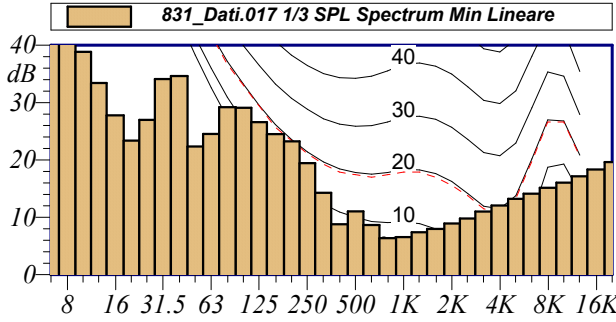
Postazione di misura	Ricettori associati	RUMORE RESIDUO - PERIODO DIURNO						RUMORE RESIDUO - NOTTURNO					
		Data di misura	Tempo di osservazione (TO)	Tempo di misura (TM)	Livello di rumore misurato dB(A)	Livello di rumore corretto dB(A)	Vw al suolo (m/s)	Data di misura	Tempo di osservazione (TO)	Tempo di misura (TM)	Livello di rumore misurato dB(A)	Livello di rumore corretto dB(A)	Vw al suolo (m/s)
P3	R16 - R17 - R19 - R20	04/03/2022	06:00 - 22:00	10:45 - 11:08	36,1	36,0	4,5	04/03/2022	22:00 - 06:00	22:15 - 22:42	33,1	33,0	2,4
		04/03/2022	06:00 - 22:00	13:15 - 13:36	37,6	37,5	4,3	04/03/2022	22:00 - 06:00	23:13 - 23:38	31,6	31,5	2,3
		04/03/2022	06:00 - 22:00	16:33 - 16:53	35,4	35,5	3,1	05/03/2022	22:00 - 06:00	00:38 - 01:06	30,9	31,0	1,7
		04/03/2022	06:00 - 22:00	21:17 - 21:42	33,2	33,0	2,0	05/03/2022	22:00 - 06:00	01:33 - 02:04	30,2	30,0	0,7

Localizzazione postazione di rilievo fonometrico e ricettori associati



Nome misura: 831_Dati.017
Località:
Strumentazione: 831 0001035
Durata: 1424 (secondi)
Nome operatore:
Data, ora misura: 04/03/2022 10:45:49
Over SLM: N/A
Over OBA: N/A

831_Dati.017 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	46.6 dB	160 Hz	42.7 dB	2000 Hz	12.0 dB
16 Hz	45.5 dB	200 Hz	39.4 dB	2500 Hz	12.0 dB
20 Hz	47.4 dB	250 Hz	33.0 dB	3150 Hz	12.3 dB
25 Hz	45.4 dB	315 Hz	32.7 dB	4000 Hz	13.1 dB
31.5 Hz	48.1 dB	400 Hz	35.3 dB	5000 Hz	14.1 dB
40 Hz	50.5 dB	500 Hz	31.6 dB	6300 Hz	15.0 dB
50 Hz	37.4 dB	630 Hz	29.4 dB	8000 Hz	15.9 dB
63 Hz	40.2 dB	800 Hz	22.7 dB	10000 Hz	16.8 dB
80 Hz	43.4 dB	1000 Hz	19.7 dB	12500 Hz	17.7 dB
100 Hz	41.5 dB	1250 Hz	17.8 dB	16000 Hz	18.8 dB
125 Hz	41.2 dB	1600 Hz	16.8 dB	20000 Hz	20.0 dB



L1: 42.8 dBA	L5: 37.3 dBA
L10: 35.4 dBA	L50: 31.3 dBA
L90: 28.5 dBA	L95: 27.9 dBA

$L_{Aeq} = 36.1$ dB

Annotazioni:

—	831_Dati.017 - LAeq
—	831_Dati.017 - LAeq - Running Leq

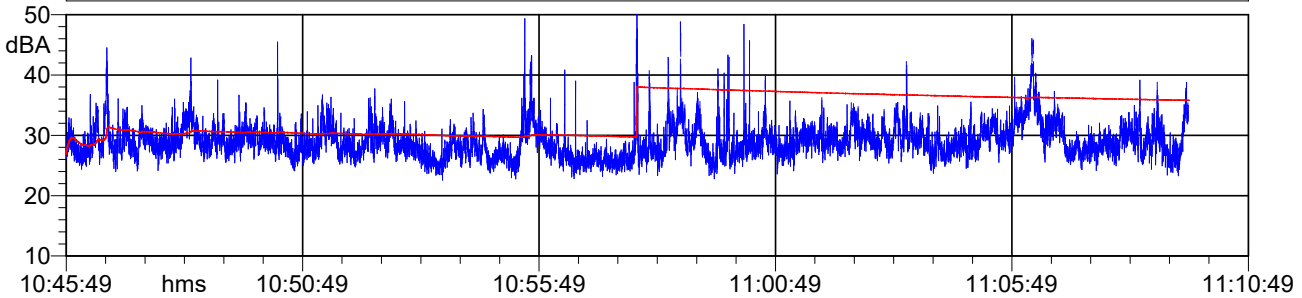
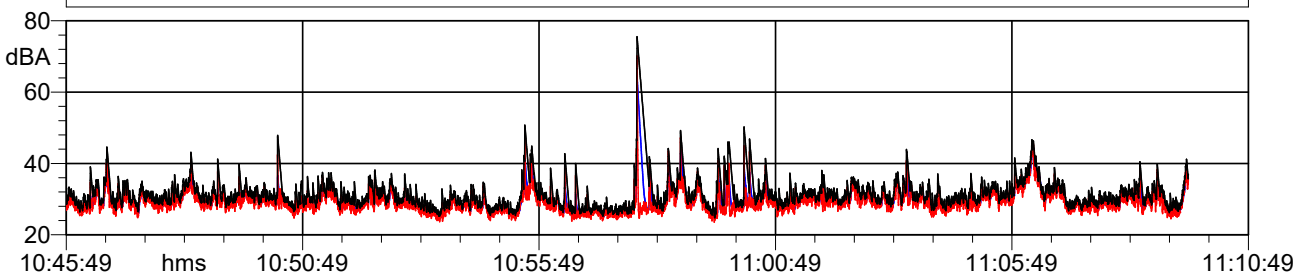


Tabella Automatica delle Maschere			
Nome	Inizio	Durata	Leq
Totale	10:45:49	00:23:44	36.1 dBA
Non Mascherato	10:45:49	00:23:44	36.1 dBA
Mascherato	00:00:00	00:00:00	0.0 dBA

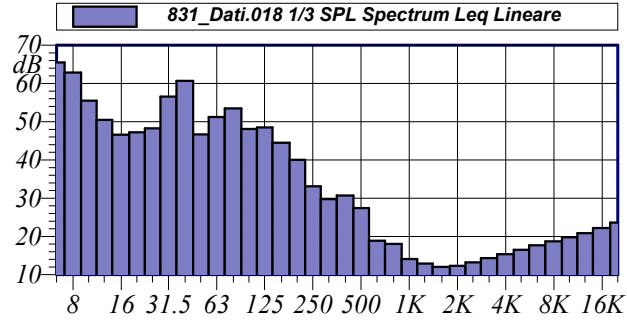
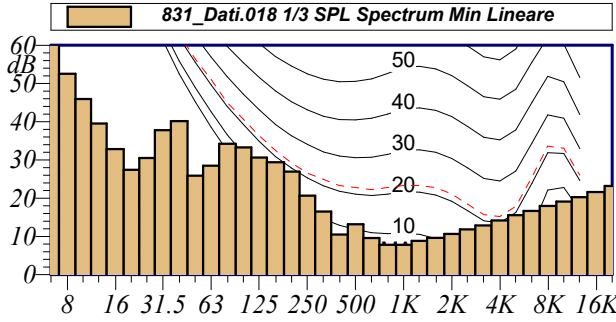
Componenti impulsive

831_Dati.017 1/3 Leq Spectrum + SLM - LAS	831_Dati.017 1/3 Leq Spectrum + SLM - LAF	831_Dati.017 1/3 Leq Spectrum + SLM - LAI
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Nome misura: 831_Dati.018
Località:
Strumentazione: 831 0001035
Durata: 1314 (secondi)
Nome operatore:
Data, ora misura: 04/03/2022 13:15:23
Over SLM: N/A
Over OBA: N/A

831_Dati.018 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	50.5 dB	160 Hz	44.5 dB	2000 Hz	12.3 dB
16 Hz	46.6 dB	200 Hz	40.0 dB	2500 Hz	13.2 dB
20 Hz	47.2 dB	250 Hz	33.1 dB	3150 Hz	14.3 dB
25 Hz	48.3 dB	315 Hz	29.7 dB	4000 Hz	15.4 dB
31.5 Hz	56.6 dB	400 Hz	30.7 dB	5000 Hz	16.5 dB
40 Hz	60.7 dB	500 Hz	27.4 dB	6300 Hz	17.7 dB
50 Hz	46.7 dB	630 Hz	18.9 dB	8000 Hz	18.7 dB
63 Hz	51.2 dB	800 Hz	18.0 dB	10000 Hz	19.8 dB
80 Hz	53.5 dB	1000 Hz	14.1 dB	12500 Hz	20.9 dB
100 Hz	48.1 dB	1250 Hz	12.9 dB	16000 Hz	22.2 dB
125 Hz	48.5 dB	1600 Hz	12.0 dB	20000 Hz	23.6 dB



L1: 47.1 dBA	L5: 40.4 dBA
L10: 35.7 dBA	L50: 31.0 dBA
L90: 28.3 dBA	L95: 27.7 dBA

$L_{Aeq} = 37.6$ dB

Annotazioni:

— 831_Dati.018 - LAeq
— 831_Dati.018 - LAeq - Running Leq

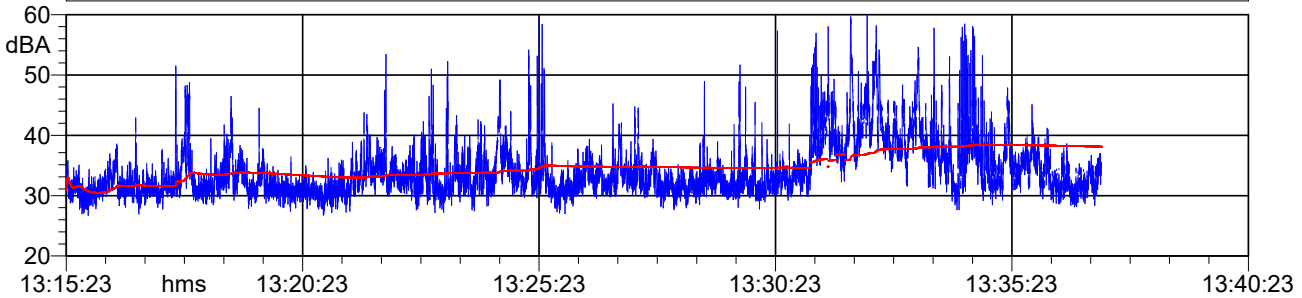
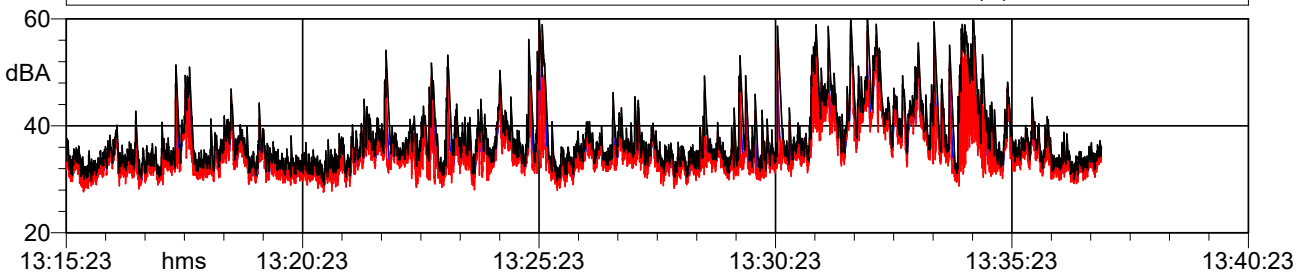


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	Leq
Totale	13:15:23	00:21:53.600	37.6 dBA
Non Mascherato	13:15:23	00:21:53.600	37.6 dBA
Mascherato	00:00:00	00:00:00	0.0 dBA

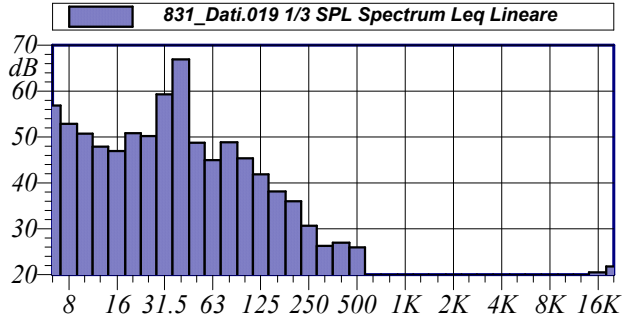
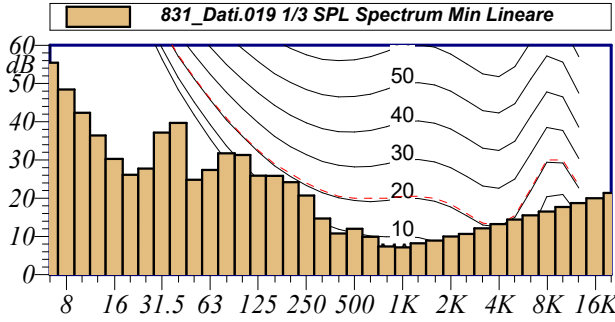
Componenti impulsive

— 831_Dati.018 1/3 Leq Spectrum + SLM - LAS	— 831_Dati.018 1/3 Leq Spectrum + SLM - LAF	— 831_Dati.018 1/3 Leq Spectrum + SLM - LAI -Leq Spectrum + SLM - LAI
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Nome misura: 831_Dati.019
Località:
Strumentazione: 831 0001035
Durata: 1236 (secondi)
Nome operatore:
Data, ora misura: 04/03/2022 16:33:27
Over SLM: N/A
Over OBA: N/A

831_Dati.019 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	47.9 dB	160 Hz	38.1 dB	2000 Hz	11.6 dB
16 Hz	46.9 dB	200 Hz	36.0 dB	2500 Hz	12.3 dB
20 Hz	50.8 dB	250 Hz	30.7 dB	3150 Hz	13.3 dB
25 Hz	50.2 dB	315 Hz	26.3 dB	4000 Hz	14.2 dB
31.5 Hz	59.3 dB	400 Hz	27.0 dB	5000 Hz	15.4 dB
40 Hz	66.9 dB	500 Hz	26.0 dB	6300 Hz	16.3 dB
50 Hz	48.8 dB	630 Hz	18.9 dB	8000 Hz	17.3 dB
63 Hz	45.0 dB	800 Hz	16.5 dB	10000 Hz	18.3 dB
80 Hz	48.8 dB	1000 Hz	13.4 dB	12500 Hz	19.3 dB
100 Hz	45.4 dB	1250 Hz	12.5 dB	16000 Hz	20.5 dB
125 Hz	41.9 dB	1600 Hz	11.8 dB	20000 Hz	21.8 dB



L1: 49.2 dBA	L5: 40.9 dBA
L10: 37.9 dBA	L50: 33.0 dBA
L90: 29.0 dBA	L95: 28.3 dBA

L_{Aeq} = 35.4 dB

Annotazioni:

831_Dati.019 - LAeq
831_Dati.019 - LAeq - Running Leq

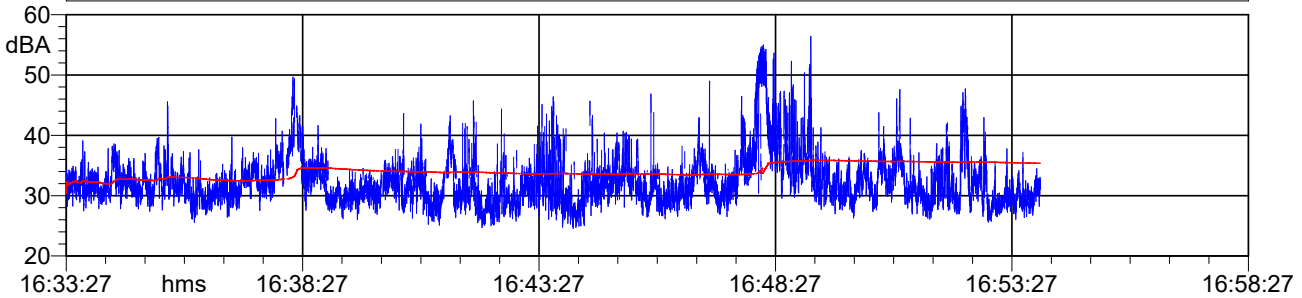
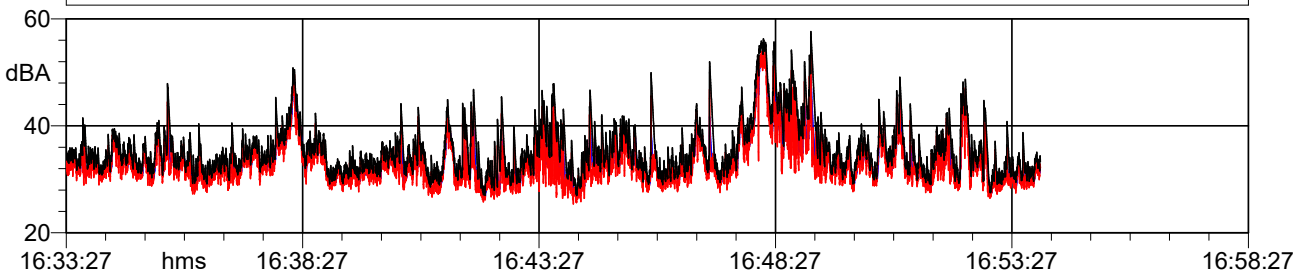


Tabella Automatica delle Mascherature

Nome	Inizio	Durata	Leq
Totale	16:33:27	00:20:36.200	35.4 dBA
Non Mascherato	16:33:27	00:20:36.200	35.4 dBA
Mascherato	00:00:00	00:00:00	0.0 dBA

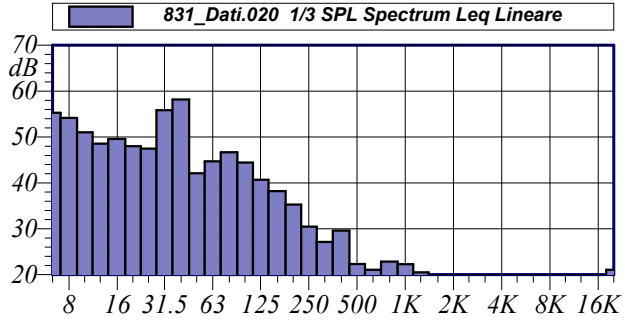
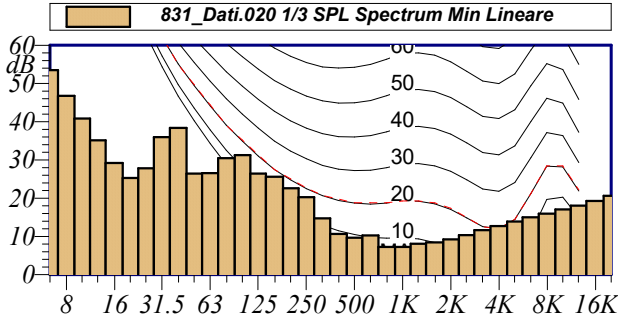
Componenti impulsive

831_Dati.019 1/3 Leq Spectrum + SLM - LAS	831_Dati.019 1/3 Leq Spectrum + SLM - LAF	831_Dati.019 1/3 Leq Spectrum + SLM - LAI
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Nome misura: 831_Dati.020
Località:
Strumentazione: 831 0001035
Durata: 1502 (secondi)
Nome operatore:
Data, ora misura: 04/03/2022 21:17:47
Over SLM: N/A
Over OBA: N/A

831_Dati.020 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	48.6 dB	160 Hz	38.2 dB	2000 Hz	17.7 dB
16 Hz	49.6 dB	200 Hz	35.3 dB	2500 Hz	15.6 dB
20 Hz	48.0 dB	250 Hz	30.5 dB	3150 Hz	16.0 dB
25 Hz	47.5 dB	315 Hz	27.1 dB	4000 Hz	15.1 dB
31.5 Hz	55.9 dB	400 Hz	29.6 dB	5000 Hz	15.0 dB
40 Hz	58.2 dB	500 Hz	22.3 dB	6300 Hz	16.0 dB
50 Hz	42.1 dB	630 Hz	21.1 dB	8000 Hz	16.7 dB
63 Hz	44.7 dB	800 Hz	22.9 dB	10000 Hz	17.6 dB
80 Hz	46.7 dB	1000 Hz	22.3 dB	12500 Hz	18.6 dB
100 Hz	44.4 dB	1250 Hz	20.5 dB	16000 Hz	19.8 dB
125 Hz	40.7 dB	1600 Hz	19.0 dB	20000 Hz	21.1 dB



L1: 46.1 dBA	L5: 39.8 dBA
L10: 37.0 dBA	L50: 32.2 dBA
L90: 29.1 dBA	L95: 28.4 dBA

$L_{Aeq} = 33.2 \text{ dB}$

Annotazioni:

831_Dati.020 - LAeq
831_Dati.020 - LAeq - Running Leq

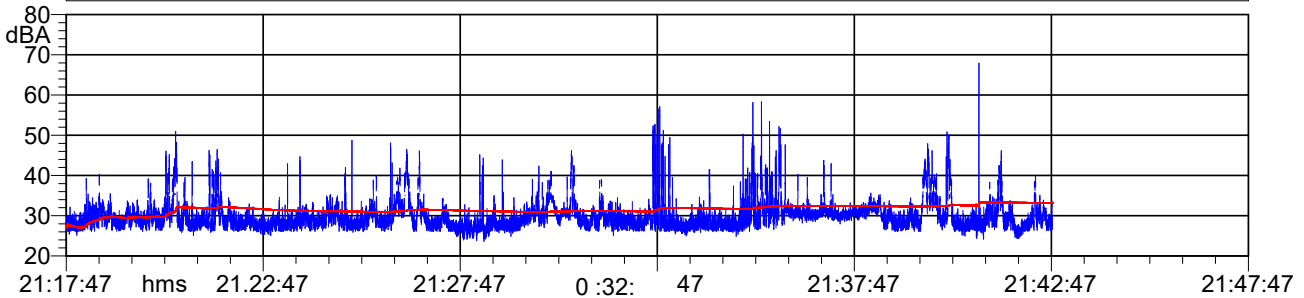
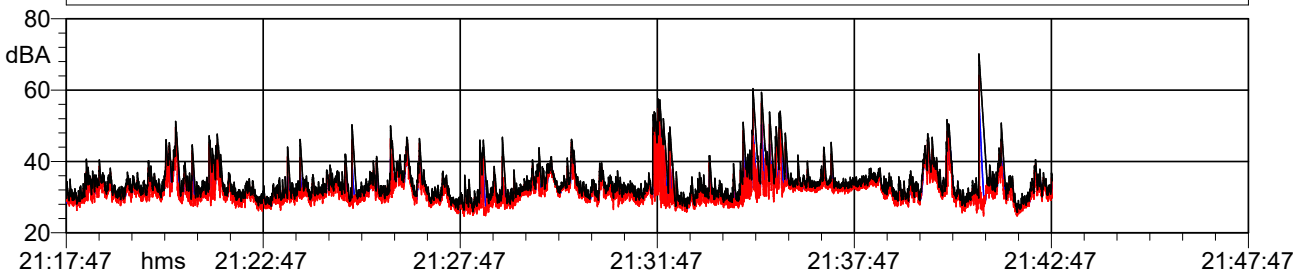


Tabella Automatica delle Maschere

Nome	Inizio	Durata	Leq
Totale	21:17:47	00:25:01.500	33.2 dBA
Non Mascherato	21:17:47	00:25:01.500	33.2 dBA
Mascherato		00:00:00	0.0 dBA

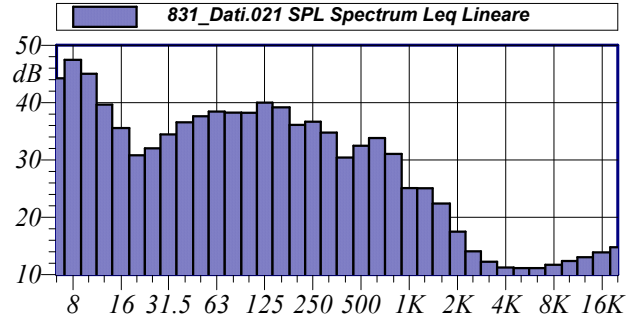
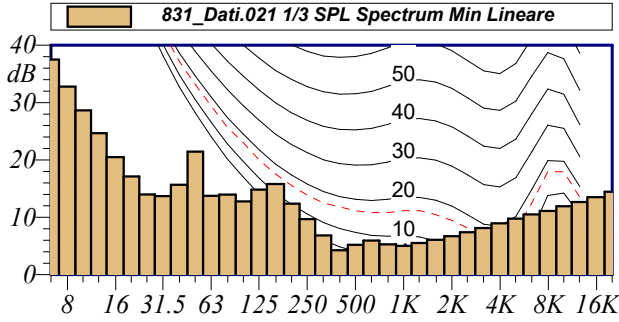
Componenti impulsive

831_Dati.020 1/3 Leq Spectrum + SLM - LAS	831_Dati.020 1/3 Leq Spectrum + SLM - LAF	831_Dati.020 1/3 Leq Spectrum + SLM - LAI
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Nome misura: 831_Dati.021
Località:
Strumentazione: 831 0001035
Durata: 1656 (secondi)
Nome operatore:
Data, ora misura 04/03/2022 22:15:24
Over SLM: N/A
Over OBA: N/A

831_Dati.021 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	39.6 dB	160 Hz	39.2 dB	2000 Hz	17.5 dB
16 Hz	35.6 dB	200 Hz	36.1 dB	2500 Hz	14.1 dB
20 Hz	30.8 dB	250 Hz	36.7 dB	3150 Hz	12.2 dB
25 Hz	32.0 dB	315 Hz	34.8 dB	4000 Hz	11.3 dB
31.5 Hz	34.5 dB	400 Hz	30.4 dB	5000 Hz	11.1 dB
40 Hz	36.6 dB	500 Hz	32.5 dB	6300 Hz	11.1 dB
50 Hz	37.6 dB	630 Hz	33.8 dB	8000 Hz	11.7 dB
63 Hz	38.4 dB	800 Hz	31.1 dB	10000 Hz	12.4 dB
80 Hz	38.3 dB	1000 Hz	25.1 dB	12500 Hz	13.0 dB
100 Hz	38.2 dB	1250 Hz	25.1 dB	16000 Hz	13.9 dB
125 Hz	40.0 dB	1600 Hz	22.4 dB	20000 Hz	14.8 dB



L1: 66.2 dBA	L5: 58.8 dBA
L10: 55.6 dBA	L50: 47.3 dBA
L90: 24.9 dBA	L95: 23.4 dBA

$L_{Aeq} = 33.1$ dB

Annotazioni:

— 831_Dati.021- LAeq
— 831_Dati.021 - LAeq - Running Leq

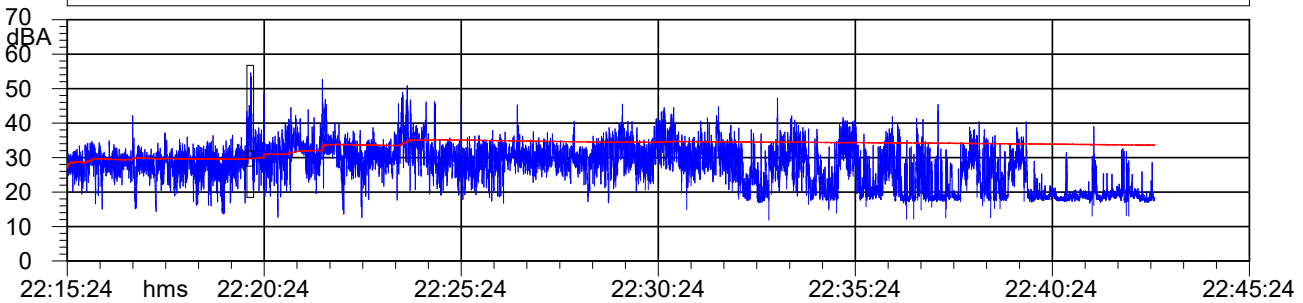
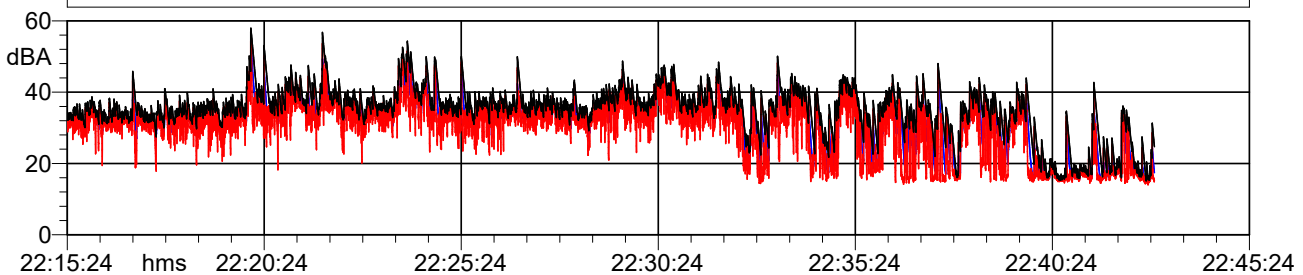


Tabella Automatica delle Maschere			
Nome	Inizio	Durata	Leq
Totale	22:15:24	00:27:35.600	33.1 dBA
Non Mascherato	22:15:24	00:27:25.600	33.1 dBA
Mascherato	22:19:57	00:00:10	44.4 dBA
Nuova Maschera 1	22:19:57	00:00:10	44.4 dBA

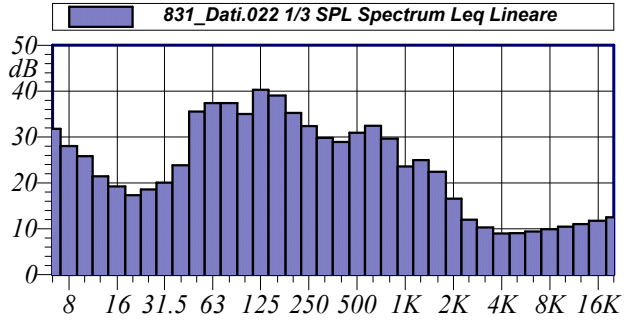
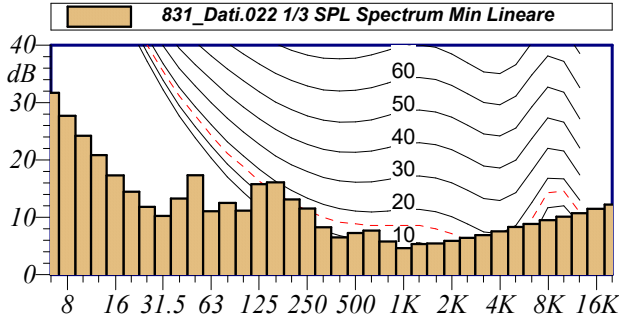
Componenti impulsive

— 831_Dati.021 1/3 Leq Spectrum + SLM - LAS	— 831_Dati.021 1/3 Leq Spectrum + SLM - LAF	— 831_Dati.021 1/3 Leq Spectrum + SLM - LAI
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Nome misura: 831_Dati.022
Località:
Strumentazione: 831 0001035
Durata: 1506 (secondi)
Nome operatore:
Data, ora misura: 04/03/2022 23:13:25
Over SLM: N/A
Over OBA: N/A

831_Dati.022 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	21.4 dB	160 Hz	39.0 dB	2000 Hz	16.6 dB
16 Hz	19.2 dB	200 Hz	35.3 dB	2500 Hz	12.0 dB
20 Hz	17.3 dB	250 Hz	32.4 dB	3150 Hz	10.3 dB
25 Hz	18.6 dB	315 Hz	29.8 dB	4000 Hz	9.0 dB
31.5 Hz	20.1 dB	400 Hz	28.9 dB	5000 Hz	9.0 dB
40 Hz	23.9 dB	500 Hz	30.9 dB	6300 Hz	9.4 dB
50 Hz	35.6 dB	630 Hz	32.4 dB	8000 Hz	9.9 dB
63 Hz	37.4 dB	800 Hz	29.6 dB	10000 Hz	10.5 dB
80 Hz	37.4 dB	1000 Hz	23.6 dB	12500 Hz	11.0 dB
100 Hz	35.0 dB	1250 Hz	25.0 dB	16000 Hz	11.8 dB
125 Hz	40.3 dB	1600 Hz	22.4 dB	20000 Hz	12.5 dB



L1: 70.1 dBA	L5: 68.1 dBA
L10: 66.8 dBA	L50: 56.5 dBA
L90: 44.3 dBA	L95: 40.7 dBA

$L_{Aeq} = 31.6 \text{ dB}$

Annotazioni:

— 831_Dati.022- LAeq
— 831_Dati.022- LAeq - Running Leq

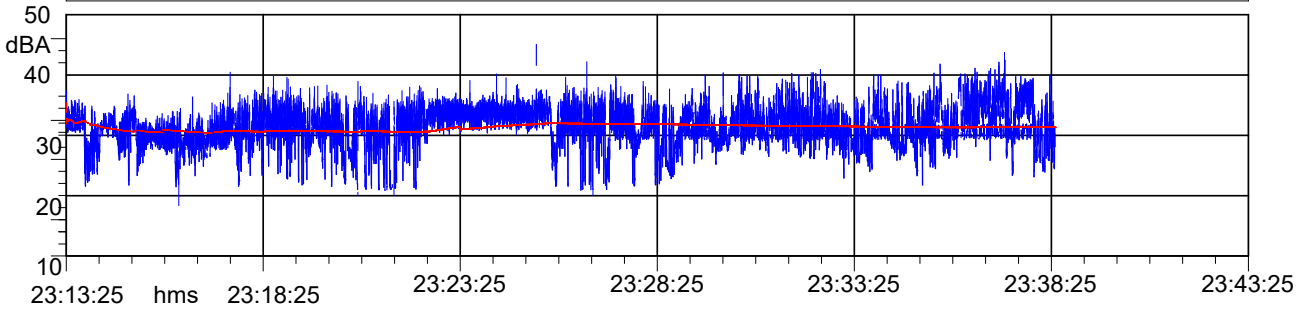
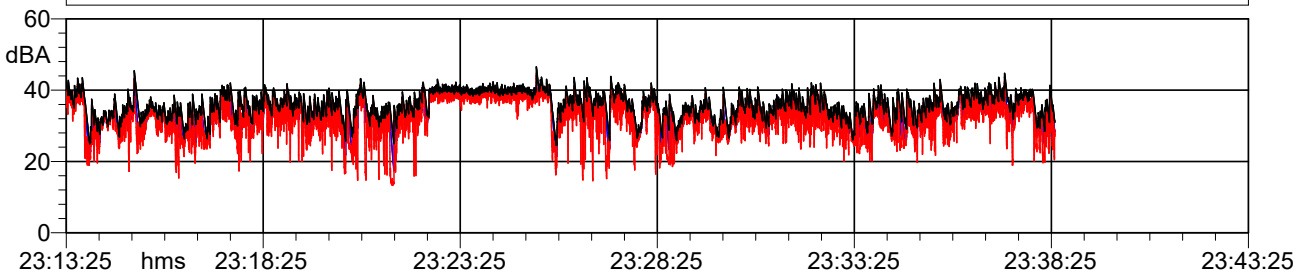


Tabella Automatica delle Maschere			
Nome	Inizio	Durata	Leq
Totale	23:13:25	00:25:05.600	31.6 dBA
Non Mascherato	23:13:25	00:25:05.600	31.6 dBA
Mascherato		00:00:00	0.0 dBA

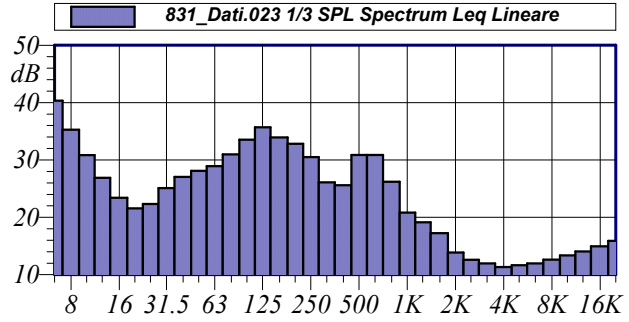
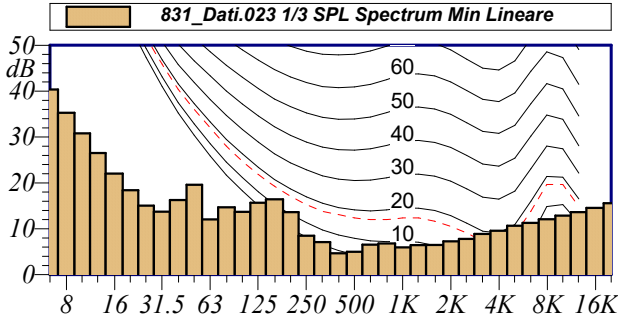
Componenti impulsive

— 831_Dati.022
1/3 Leq Spectrum + SLM - LAS
— 831_Dati.022
1/3 Leq Spectrum + SLM - LAF
— 831_Dati.022
1/3 Leq Spectrum + SLM - LAI



Nome misura: 831_Dati.023
Località:
Strumentazione: 831 0001035
Durata: 1593 (secondi)
Nome operatore:
Data, ora misura: 05/03/2022 00:38:59
Over SLM: N/A
Over OBA: N/A

831_Dati.023 1/3 SPL Spectrum Leq Lineare					
12.5 Hz	26.9 dB	160 Hz	33.9 dB	2000 Hz	13.9 dB
16 Hz	23.4 dB	200 Hz	32.8 dB	2500 Hz	12.6 dB
20 Hz	21.6 dB	250 Hz	30.5 dB	3150 Hz	12.0 dB
25 Hz	22.3 dB	315 Hz	26.1 dB	4000 Hz	11.3 dB
31.5 Hz	25.1 dB	400 Hz	25.6 dB	5000 Hz	11.6 dB
40 Hz	27.1 dB	500 Hz	30.9 dB	6300 Hz	12.0 dB
50 Hz	28.1 dB	630 Hz	30.9 dB	8000 Hz	12.6 dB
63 Hz	28.9 dB	800 Hz	26.2 dB	10000 Hz	13.4 dB
80 Hz	31.0 dB	1000 Hz	20.8 dB	12500 Hz	14.0 dB
100 Hz	33.5 dB	1250 Hz	19.1 dB	16000 Hz	14.9 dB
125 Hz	35.7 dB	1600 Hz	17.2 dB	20000 Hz	15.9 dB



L1: 53.4 dBA	L5: 49.9 dBA
L10: 48.5 dBA	L50: 43.8 dBA
L90: 33.5 dBA	L95: 29.6 dBA

$L_{Aeq} = 30.9 \text{ dB}$

Annotazioni:

— 831_Dati.023 - LAeq
— 831_Dati.023 - LAeq - Running Leq

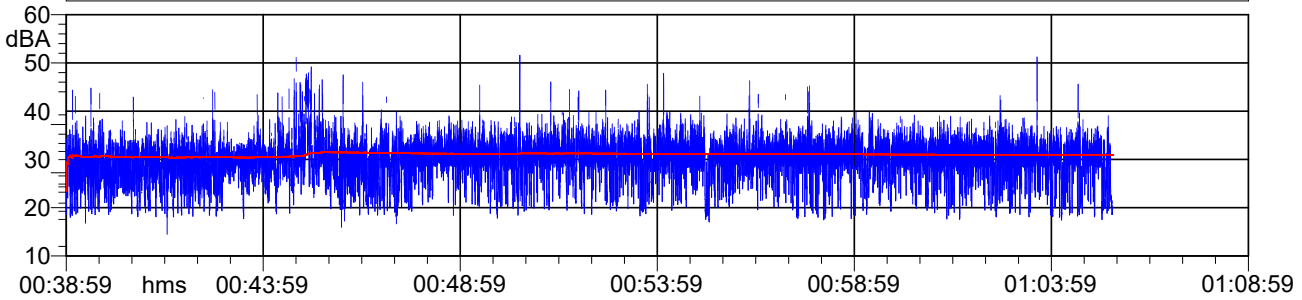
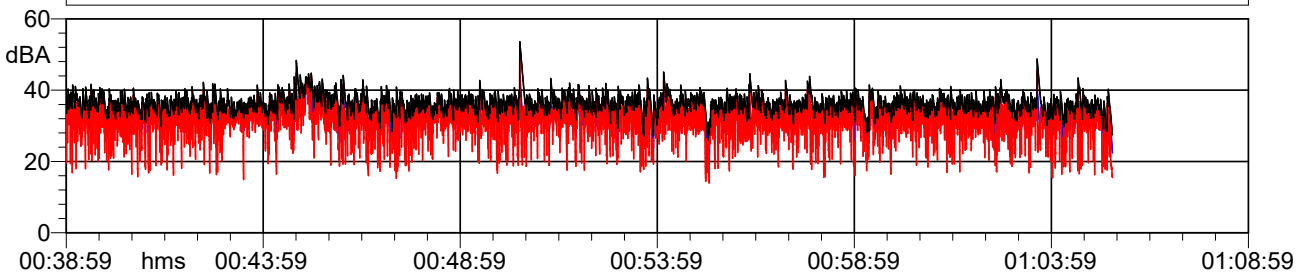


Tabella Automatica delle Maschere			
Nome	Inizio	Durata	Leq
Totale	00:38:59	00:26:33.200	30.9 dBA
Non Mascherato	00:38:59	00:26:33.200	30.9 dBA
Mascherato	00:00:00	00:00:00	0.0 dBA

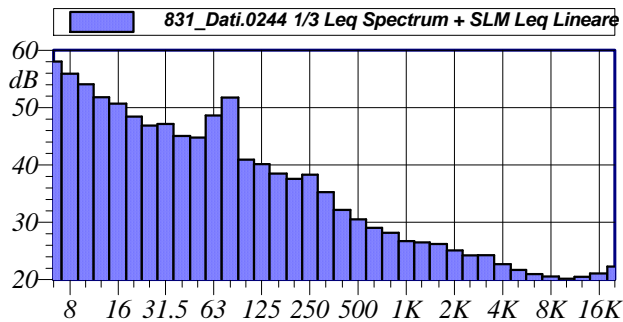
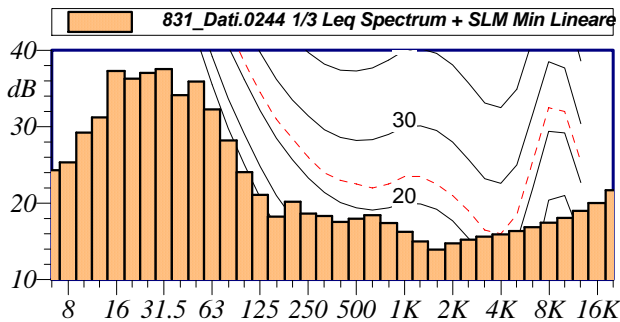
Componenti impulsive

— 831_Dati.023 1/3 Leq Spectrum + SLM - LAS	— 831_Dati.023 1/3 Leq Spectrum + SLM - LAF	— 831_Dati.023 1/3 Leq Spectrum + SLM - LAI
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Nome misura: 831_Dati.024
Località:
Strumentazione: 831 0001035
Durata: 1883 (secondi)
Nome operatore:
Data, ora misura: 05/03/2022 01:33:27
Over SLM: 0
Over OBA: 0

831_Dati.024 1/3 Leq Spectrum + SLM Leq Lineare					
12.5 Hz	51.8 dB	160 Hz	38.5 dB	2000 Hz	25.1 dB
16 Hz	50.7 dB	200 Hz	37.6 dB	2500 Hz	24.2 dB
20 Hz	48.4 dB	250 Hz	38.3 dB	3150 Hz	24.3 dB
25 Hz	46.9 dB	315 Hz	35.2 dB	4000 Hz	22.7 dB
31.5 Hz	47.1 dB	400 Hz	32.2 dB	5000 Hz	21.7 dB
40 Hz	45.1 dB	500 Hz	30.5 dB	6300 Hz	21.0 dB
50 Hz	44.8 dB	630 Hz	29.0 dB	8000 Hz	20.6 dB
63 Hz	48.6 dB	800 Hz	28.2 dB	10000 Hz	20.2 dB
80 Hz	51.7 dB	1000 Hz	26.7 dB	12500 Hz	20.5 dB
100 Hz	40.9 dB	1250 Hz	26.5 dB	16000 Hz	21.1 dB
125 Hz	40.2 dB	1600 Hz	26.2 dB	20000 Hz	22.3 dB



L1: 40.8 dBA	L5: 38.7 dBA
L10: 36.1 dBA	L50: 31.4 dBA
L90: 28.3 dBA	L95: 26.3 dBA

$L_{Aeq} = 30.2 \text{ dB}$

Annotazioni:

—	831_Dati.0244 - LAeq
—	831_Dati.024 - LAeq - Running Leq

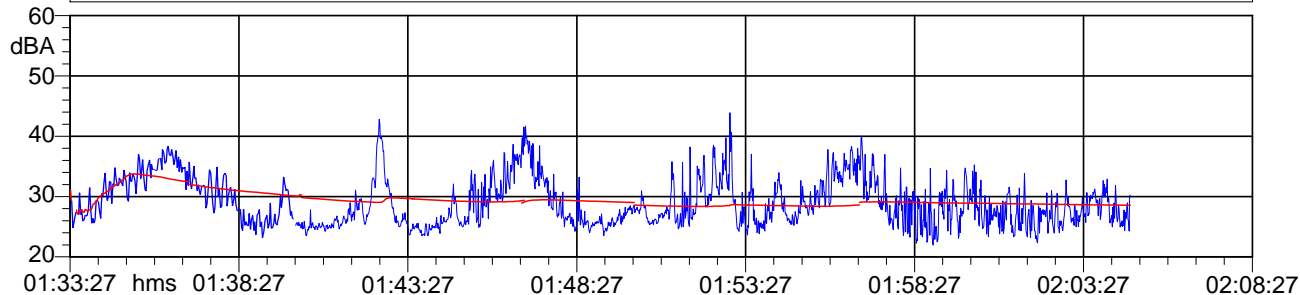


Tabella Automatica delle Maschere			
Nome	Inizio	Durata	Leq
Totale	01:33:27	00:31:23	30.2 dBA
Non Mascherato	01:33:27	00:31:23	30.2 dBA
Mascherato		00:00:00	0.0 dBA

Componenti impulsive

831_Dati.0244 1/3 Leq Spectrum + SLM - LAeq	831_Dati.0244 1/3 Leq Spectrum + SLM - LAeq	831_Dati.0244 1/3 Leq Spectrum + SLM - LAS
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