

## **Appendice C**

**Schede Tecniche delle Misure Fonometriche e Fotografie  
delle Postazioni di Misura**

**Punto di Misura: P1\_D1**

**Località: Castel del Piano (GR)**

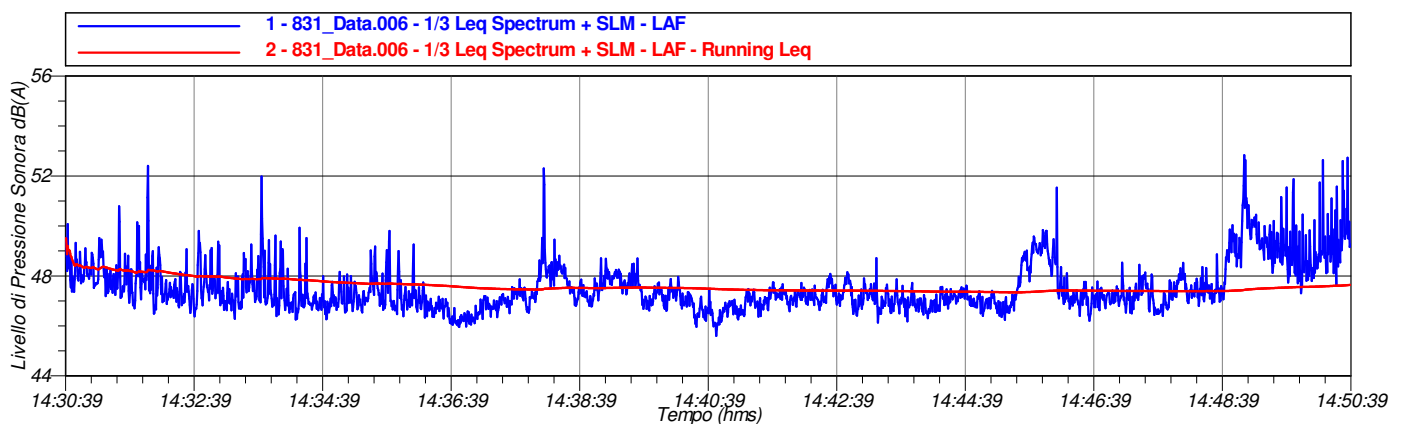
**Data, ora misura: 12/05/2014 14:30:39**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

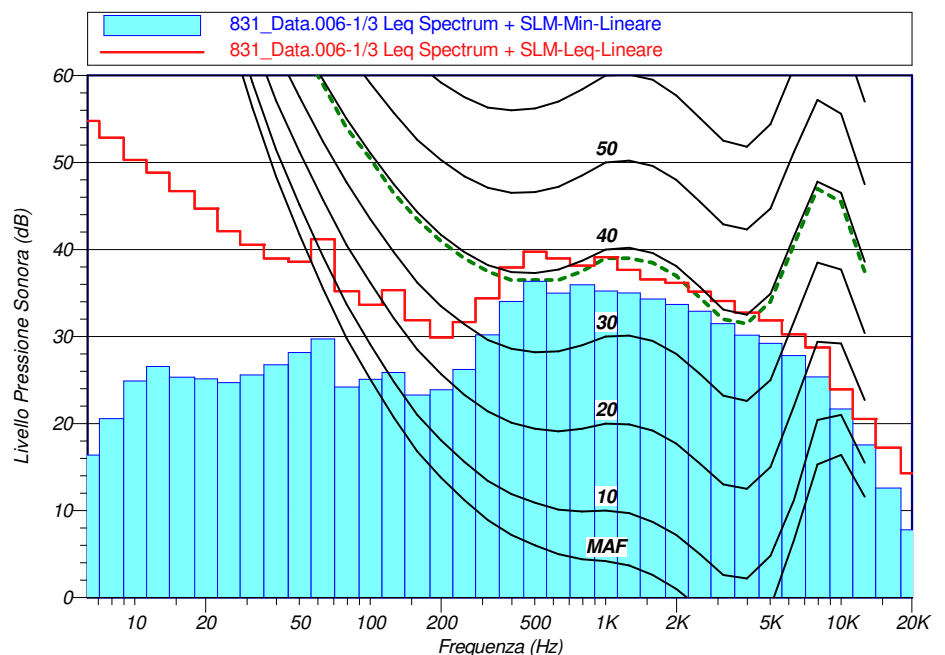
L1: 50.8 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 48.9 dB(A) fast	Totale	14:30:39	00:19:59.500	47.6
L50: 47.3 dB(A) fast	Non Mascherato	14:30:39	00:19:59.500	47.6
L90: 46.6 dB(A) fast	Mascherato		00:00:00	0.0
L95: 46.5 dB(A) fast				
L99: 46.1 dB(A) fast				

**Leq (A): 47.6 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	54.8 dB	400	37.9 dB
8	52.8 dB	500	39.7 dB
10	50.3 dB	630	39.0 dB
12.5	48.8 dB	800	38.1 dB
16	46.7 dB	1000	39.1 dB
20	44.7 dB	1250	37.7 dB
25	42.1 dB	1600	36.6 dB
31.5	40.6 dB	2000	36.2 dB
40	39.0 dB	2500	35.2 dB
50	38.6 dB	3150	34.1 dB
63	41.2 dB	4000	32.7 dB
80	35.2 dB	5000	31.9 dB
100	33.7 dB	6300	30.3 dB
125	35.3 dB	8000	28.8 dB
160	31.9 dB	10000	23.9 dB
200	29.9 dB	12500	20.5 dB
250	31.7 dB	16000	17.2 dB
315	34.4 dB		

Frequenza	Livello	Frequenza	Livello
6.3	16.4 dB	250	26.2 dB
8	20.6 dB	315	30.2 dB
10	24.9 dB	400	34.0 dB
12.5	26.6 dB	500	36.3 dB
16	25.3 dB	630	35.0 dB
20	25.1 dB	800	35.9 dB
25	24.7 dB	1000	35.2 dB
31.5	25.6 dB	1250	35.0 dB
40	26.8 dB	1600	34.3 dB
50	28.2 dB	2000	33.7 dB
63	29.7 dB	2500	32.9 dB
80	24.2 dB	3150	31.5 dB
100	25.1 dB	4000	30.2 dB
125	25.9 dB	5000	29.2 dB
160	23.3 dB	6300	27.8 dB
200	23.9 dB	8000	25.4 dB



**Punto di Misura: P1\_D2**

**Località: Castel del Piano (GR)**

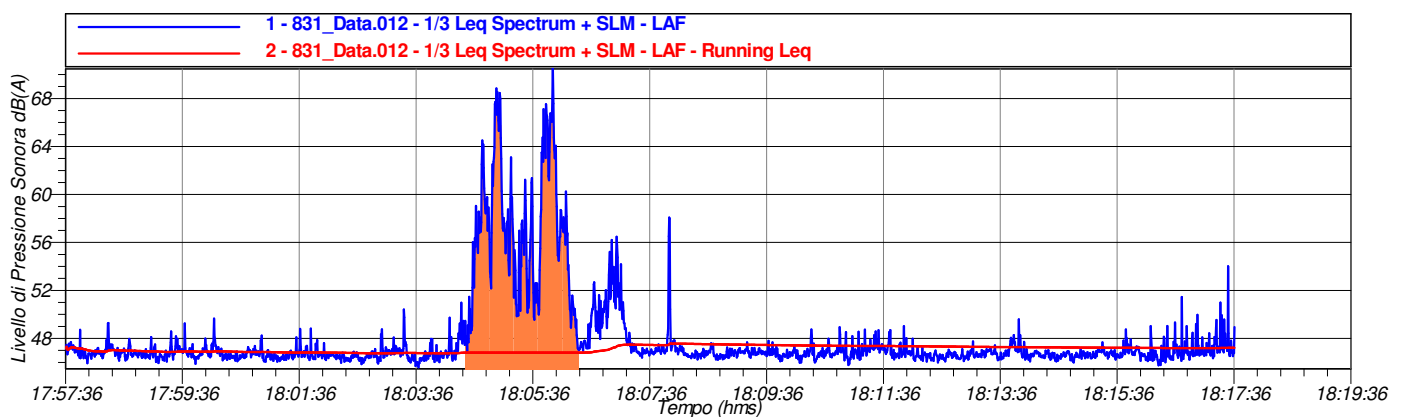
**Data, ora misura: 12/05/2014 17:57:36**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

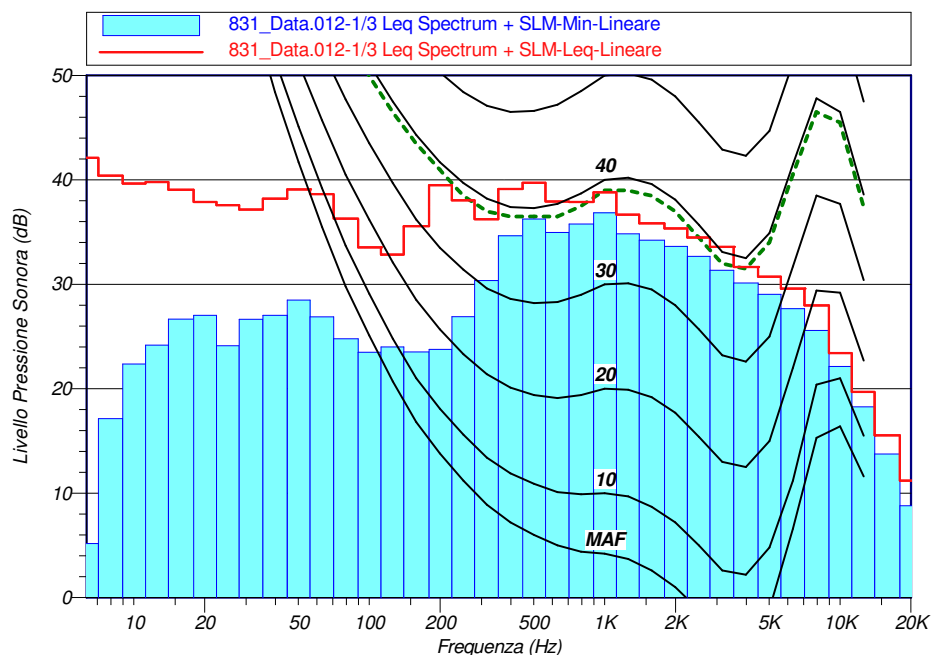
L1: 52.0 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 47.7 dB(A) fast	Totale	17:57:36	00:20:00.500	52.1
L50: 46.7 dB(A) fast	Non Mascherato	17:57:36	00:18:03.500	47.2
L90: 46.3 dB(A) fast	Mascherato	18:04:26	00:01:57	60.6
L95: 46.2 dB(A) fast				
L99: 46.0 dB(A) fast	Aereo	18:04:26	00:01:57	60.6

**Leq (A): 47.2 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	42.1 dB	400	39.1 dB
8	40.4 dB	500	39.7 dB
10	39.7 dB	630	37.9 dB
12.5	39.8 dB	800	37.9 dB
16	39.1 dB	1000	38.8 dB
20	37.9 dB	1250	36.7 dB
25	37.6 dB	1600	35.8 dB
31.5	37.2 dB	2000	35.4 dB
40	38.2 dB	2500	34.5 dB
50	39.1 dB	3150	33.6 dB
63	38.6 dB	4000	31.7 dB
80	36.3 dB	5000	30.7 dB
100	33.5 dB	6300	29.6 dB
125	32.8 dB	8000	28.0 dB
160	35.6 dB	10000	23.4 dB
200	39.5 dB	12500	19.7 dB
250	38.0 dB	16000	15.6 dB
315	36.2 dB		

Frequenza	Livello	Frequenza	Livello
8	17.1 dB	315	30.4 dB
10	22.4 dB	400	34.6 dB
12.5	24.2 dB	500	36.3 dB
16	26.7 dB	630	35.0 dB
20	27.0 dB	800	35.8 dB
25	24.1 dB	1000	36.9 dB
31.5	26.7 dB	1250	34.8 dB
40	27.0 dB	1600	34.2 dB
50	28.5 dB	2000	33.6 dB
63	26.9 dB	2500	32.7 dB
80	24.8 dB	3150	31.3 dB
100	23.5 dB	4000	30.1 dB
125	24.0 dB	5000	29.0 dB
160	23.5 dB	6300	27.7 dB
200	23.8 dB	8000	25.6 dB
250	26.9 dB	10000	22.1 dB



**Punto di Misura: P1\_N1**

**Località: Castel del Piano (GR)**

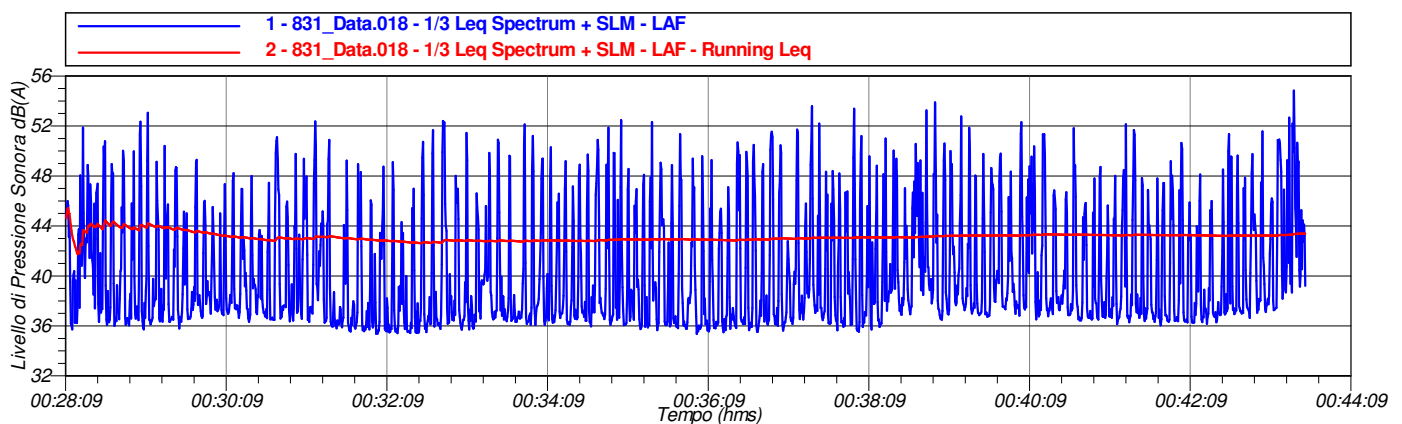
**Data, ora misura: 13/05/2014 00:28:09**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

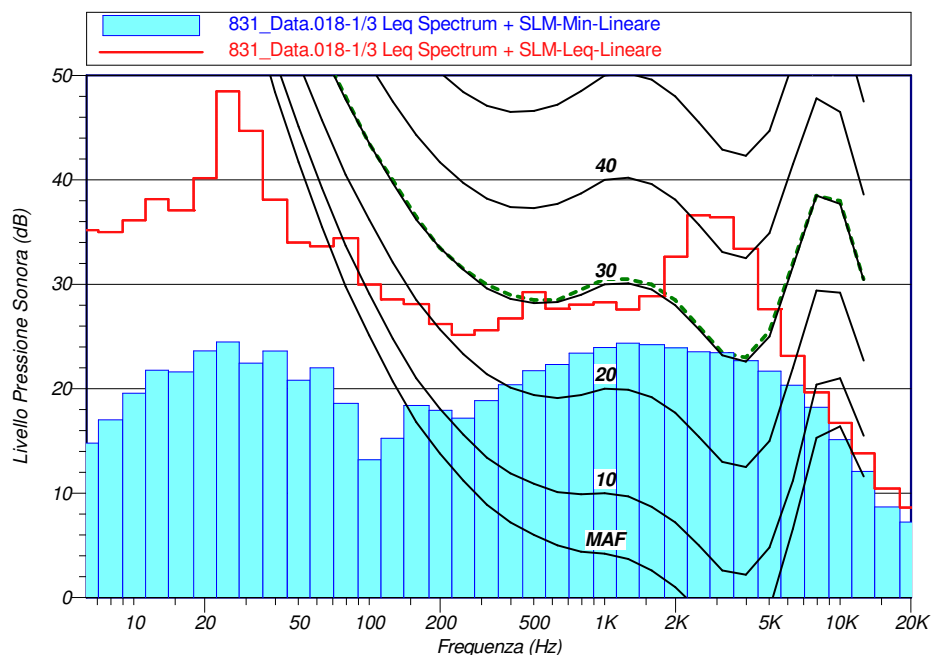
L1: 52.0 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 48.0 dB(A) fast	Totale	00:28:09	00:15:26	43.4
L50: 38.0 dB(A) fast	Non Mascherato	00:28:09	00:15:26	43.4
L90: 36.2 dB(A) fast	Mascherato		00:00:00	0.0
L95: 35.9 dB(A) fast				
L99: 35.5 dB(A) fast				

**Leq (A): 43.4 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	35.2 dB	400	26.7 dB
8	35.0 dB	500	29.3 dB
10	36.1 dB	630	27.7 dB
12.5	38.2 dB	800	28.1 dB
16	37.1 dB	1000	28.3 dB
20	40.2 dB	1250	27.6 dB
25	48.5 dB	1600	28.9 dB
31.5	44.7 dB	2000	32.7 dB
40	38.1 dB	2500	36.6 dB
50	34.0 dB	3150	36.4 dB
63	33.6 dB	4000	33.4 dB
80	34.4 dB	5000	27.6 dB
100	30.0 dB	6300	23.1 dB
125	28.6 dB	8000	19.7 dB
160	28.1 dB	10000	16.7 dB
200	26.2 dB		
250	25.2 dB		
315	25.6 dB		

Frequenza	Livello	Frequenza	Livello
8	17.0 dB	400	20.4 dB
10	19.6 dB	500	21.7 dB
12.5	21.8 dB	630	22.3 dB
16	21.6 dB	800	23.4 dB
20	23.6 dB	1000	23.9 dB
25	24.5 dB	1250	24.4 dB
31.5	22.5 dB	1600	24.2 dB
40	23.6 dB	2000	23.9 dB
50	20.8 dB	2500	23.5 dB
63	22.0 dB	3150	23.5 dB
80	18.6 dB	4000	22.7 dB
125	15.2 dB	5000	21.7 dB
160	18.4 dB	6300	20.3 dB
200	17.9 dB	8000	18.2 dB
250	17.2 dB	10000	15.1 dB
315	18.9 dB		



**Figura 1** *Foto Postazione di Misura P1*



**Punto di Misura: P2\_D1**

**Località: Castel del Piano (GR)**

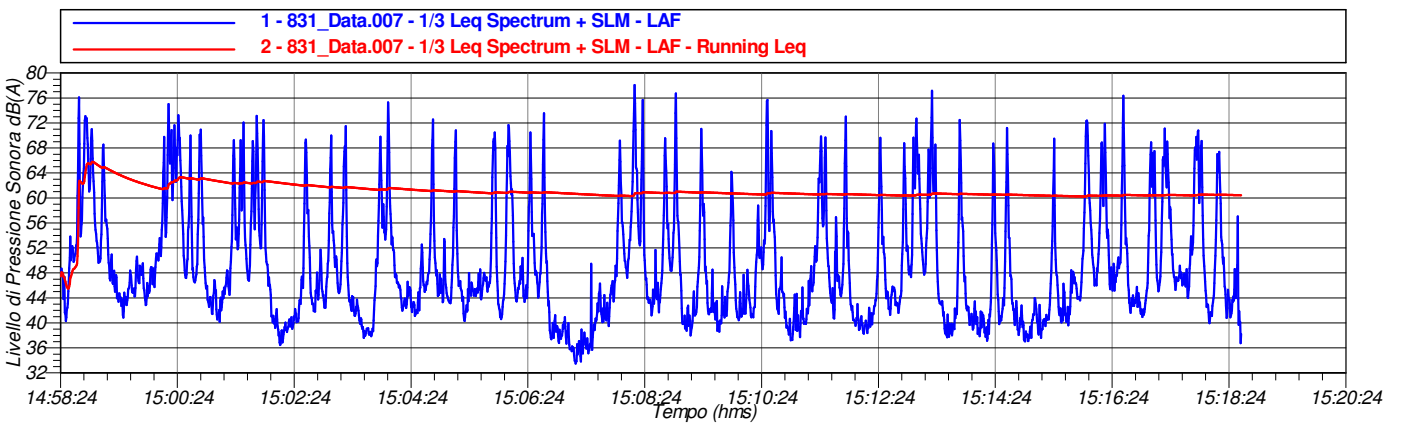
**Data, ora misura: 12/05/2014 14:58:24**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

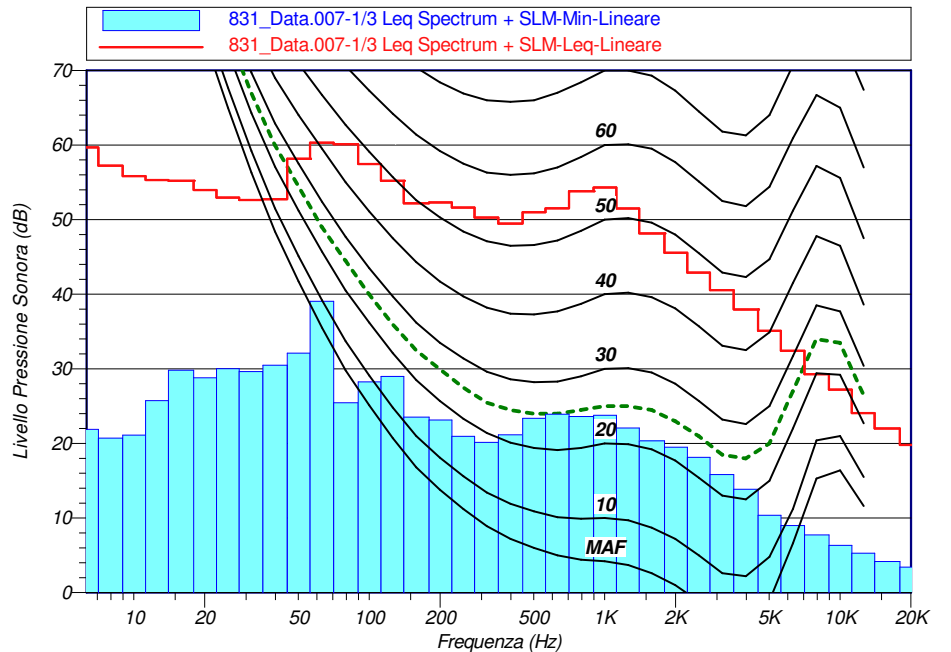
L1: 72.6 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 64.2 dB(A) fast	Totale	14:58:24	00:20:12.500	60.4
L50: 46.3 dB(A) fast	Non Mascherato	14:58:24	00:20:12.500	60.4
L90: 39.5 dB(A) fast	Mascherato		00:00:00	0.0
L95: 38.4 dB(A) fast				
L99: 35.9 dB(A) fast				

**Leq (A): 60.4 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	59.7 dB	400	49.5 dB
8	57.2 dB	500	51.0 dB
10	55.8 dB	630	51.5 dB
12.5	55.3 dB	800	53.8 dB
16	55.2 dB	1000	54.3 dB
20	54.0 dB	1250	51.5 dB
25	53.0 dB	1600	48.2 dB
31.5	52.6 dB	2000	45.6 dB
40	52.7 dB	2500	42.9 dB
50	58.2 dB	3150	40.6 dB
63	60.3 dB	4000	38.0 dB
80	60.1 dB	5000	35.1 dB
100	57.5 dB	6300	32.4 dB
125	55.2 dB	8000	29.3 dB
160	52.2 dB	10000	27.2 dB
200	52.3 dB	12500	24.1 dB
250	51.6 dB	16000	22.0 dB
315	50.3 dB	20000	19.8 dB

Frequenza	Livello	Frequenza	Livello
6.3	21.9 dB	250	21.0 dB
8	20.7 dB	315	20.1 dB
10	21.1 dB	400	21.2 dB
12.5	25.7 dB	500	23.4 dB
16	29.8 dB	630	23.9 dB
20	28.8 dB	800	23.6 dB
25	30.0 dB	1000	23.8 dB
31.5	29.6 dB	1250	22.1 dB
40	30.5 dB	1600	20.3 dB
50	32.1 dB	2000	19.5 dB
63	39.0 dB	2500	18.1 dB
80	25.5 dB	3150	15.8 dB
100	28.3 dB		
125	29.0 dB		
160	23.5 dB		
200	23.1 dB		



**Punto di Misura: P2\_D2**

**Località: Castel del Piano (GR)**

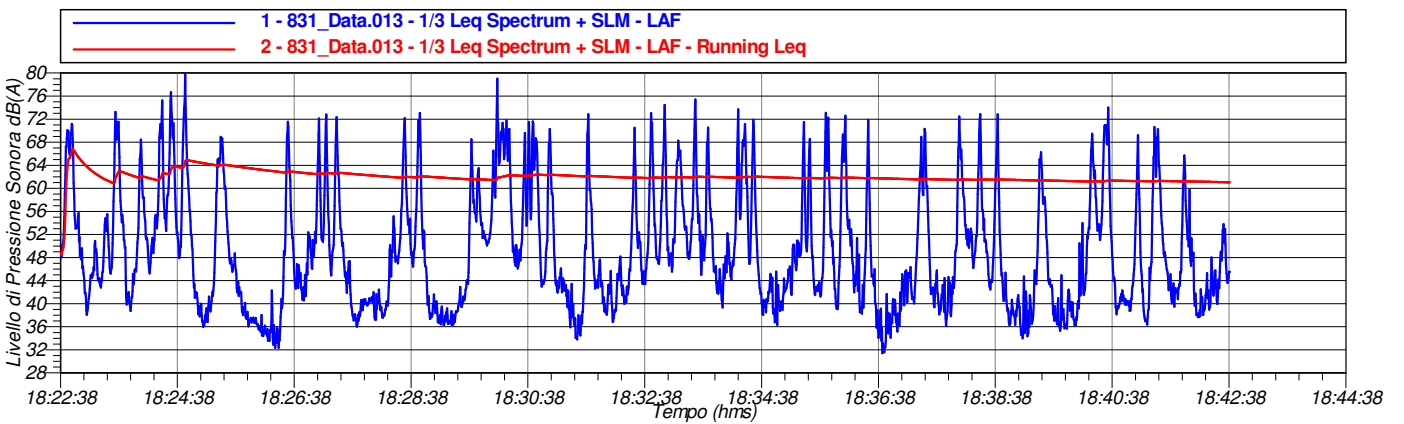
**Data, ora misura: 12/05/2014 18:22:38**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

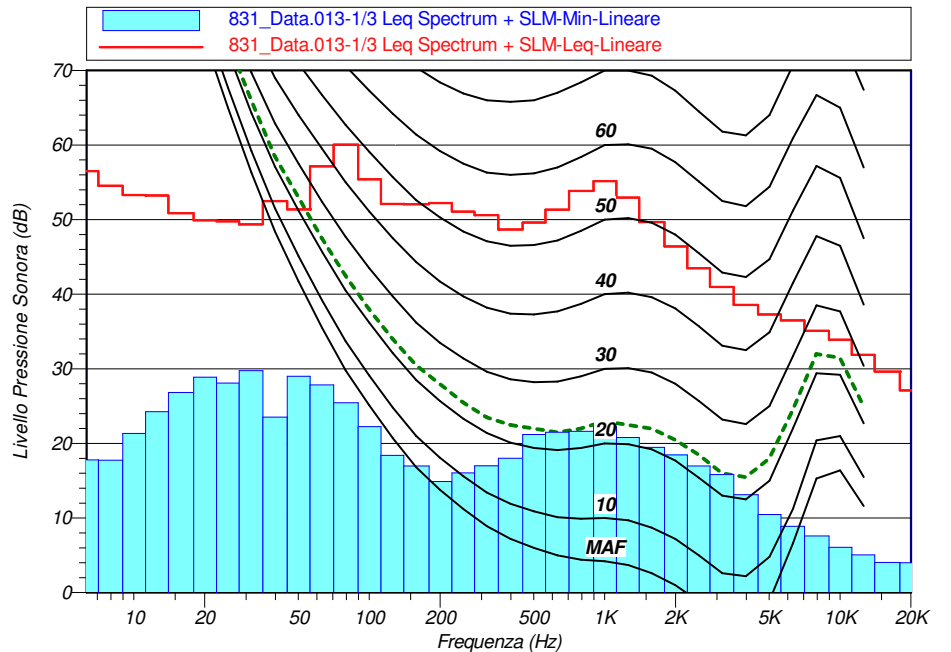
L1: 72.5 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 65.5 dB(A) fast	Totale	18:22:38	00:20:01	61.1
L50: 46.5 dB(A) fast	Non Mascherato	18:22:38	00:20:01	61.1
L90: 37.9 dB(A) fast	Mascherato		00:00:00	0.0
L95: 36.5 dB(A) fast				
L99: 34.2 dB(A) fast				

**Leq (A): 61.1 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	56.5 dB	400	48.7 dB
8	54.5 dB	500	49.6 dB
10	53.3 dB	630	51.3 dB
12.5	53.2 dB	800	53.9 dB
16	50.9 dB	1000	55.2 dB
20	49.9 dB	1250	53.0 dB
25	49.8 dB	1600	49.7 dB
31.5	49.4 dB	2000	46.4 dB
40	52.5 dB	2500	43.5 dB
50	51.4 dB	3150	41.0 dB
63	57.2 dB	4000	38.6 dB
80	60.1 dB	5000	37.3 dB
100	55.4 dB	6300	36.5 dB
125	52.1 dB	8000	35.1 dB
160	52.1 dB	10000	33.9 dB
200	52.2 dB	12500	31.9 dB
250	51.1 dB	16000	29.6 dB
315	50.6 dB	20000	27.1 dB

Frequenza	Livello	Frequenza	Livello
6.3	17.8 dB	315	17.0 dB
8	17.7 dB	400	18.0 dB
10	21.3 dB	500	21.2 dB
12.5	24.2 dB	630	21.5 dB
16	26.8 dB	800	21.6 dB
20	28.9 dB	1000	22.3 dB
25	28.1 dB	1250	20.8 dB
31.5	29.7 dB	1600	19.5 dB
40	23.5 dB	2000	18.5 dB
50	29.0 dB	2500	17.0 dB
63	27.8 dB	3150	15.8 dB
80	25.5 dB		
100	22.2 dB		
125	18.4 dB		
160	17.0 dB		
250	16.0 dB		



**Punto di Misura: P2\_N1**

**Località: Castel del Piano (GR)**

**Data, ora misura: 13/05/2014 00:52:56**

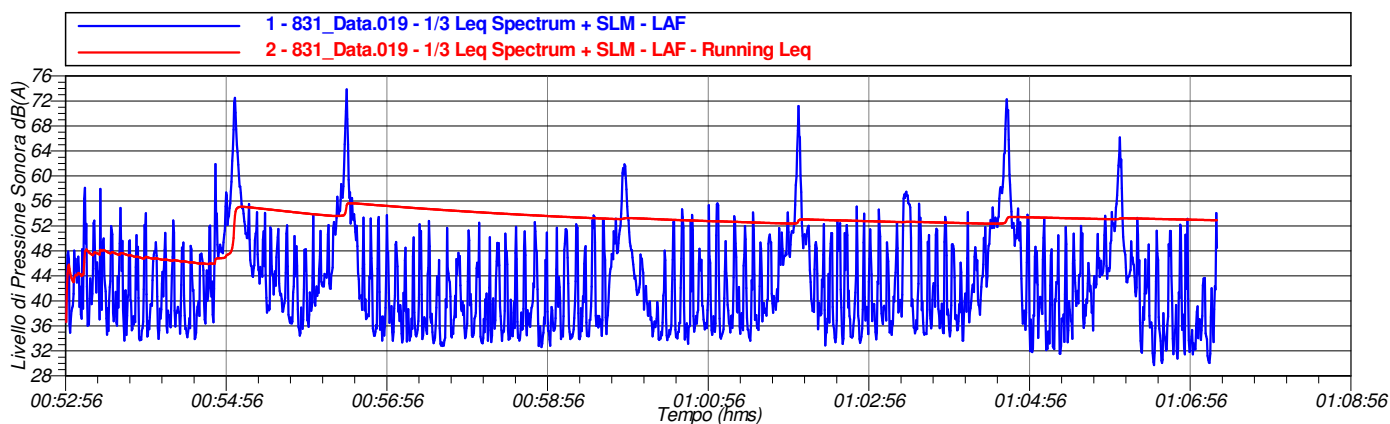
**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

L1: 66.2 dB(A) fast			
L10: 52.9 dB(A) fast			
L50: 41.1 dB(A) fast			
L90: 34.4 dB(A) fast			
L95: 33.7 dB(A) fast			
L99: 31.7 dB(A) fast			

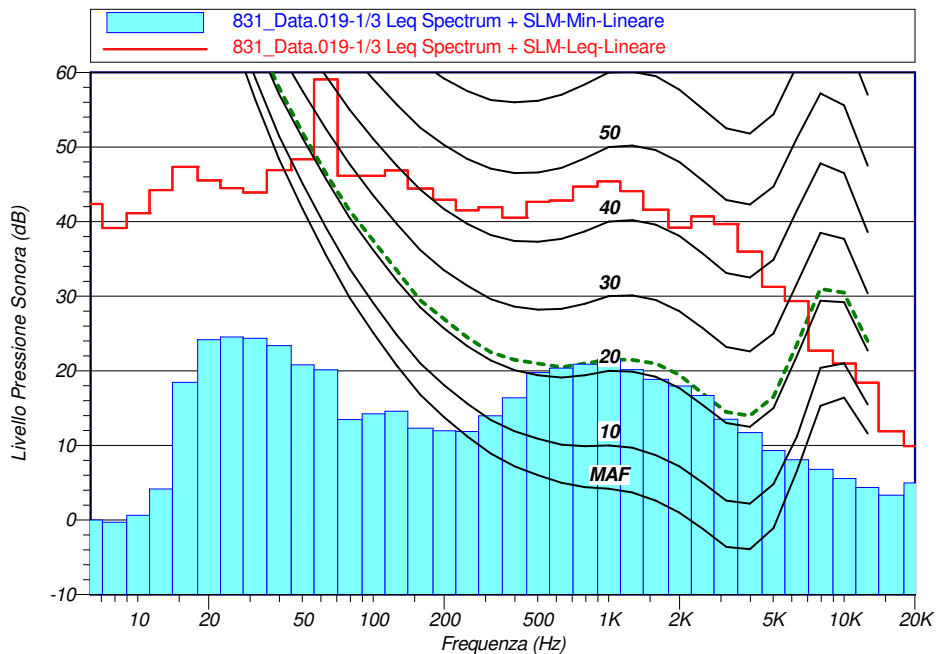
Nome	Inizio	Durata (hh:mm:ss)	Leq(A)
Totale	00:52:56	00:14:20	52.9
Non Mascherato	00:52:56	00:14:20	52.9
Mascherato		00:00:00	0.0

**Leq (A): 52.9 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	42.4 dB	400	40.5 dB
8	39.2 dB	500	42.6 dB
10	41.1 dB	630	42.8 dB
12.5	44.2 dB	800	44.7 dB
16	47.3 dB	1000	45.4 dB
20	45.5 dB	1250	44.1 dB
25	44.5 dB	1600	41.6 dB
31.5	43.9 dB	2000	39.2 dB
40	46.9 dB	2500	40.7 dB
50	48.4 dB	3150	39.7 dB
63	59.1 dB	4000	36.0 dB
80	46.1 dB	5000	31.3 dB
100	46.1 dB	6300	29.4 dB
125	46.9 dB	8000	22.7 dB
160	44.4 dB	10000	21.0 dB
200	42.9 dB	12500	18.4 dB
250	41.5 dB		
315	41.9 dB		

Frequenza	Livello	Frequenza	Livello
16	18.5 dB		
20	24.2 dB		
25	24.5 dB		
31.5	24.4 dB		
40	23.4 dB		
50	20.8 dB		
63	20.1 dB		
400	16.4 dB		
500	19.8 dB		
630	20.4 dB		
800	20.9 dB		
1000	21.5 dB		
1250	20.1 dB		
1600	18.9 dB		
2000	18.0 dB		
2500	16.7 dB		





**Figura 2** *Foto Postazione di Misura P2*



**Punto di Misura: P3\_D1**

**Località: Castel del Piano (GR)**

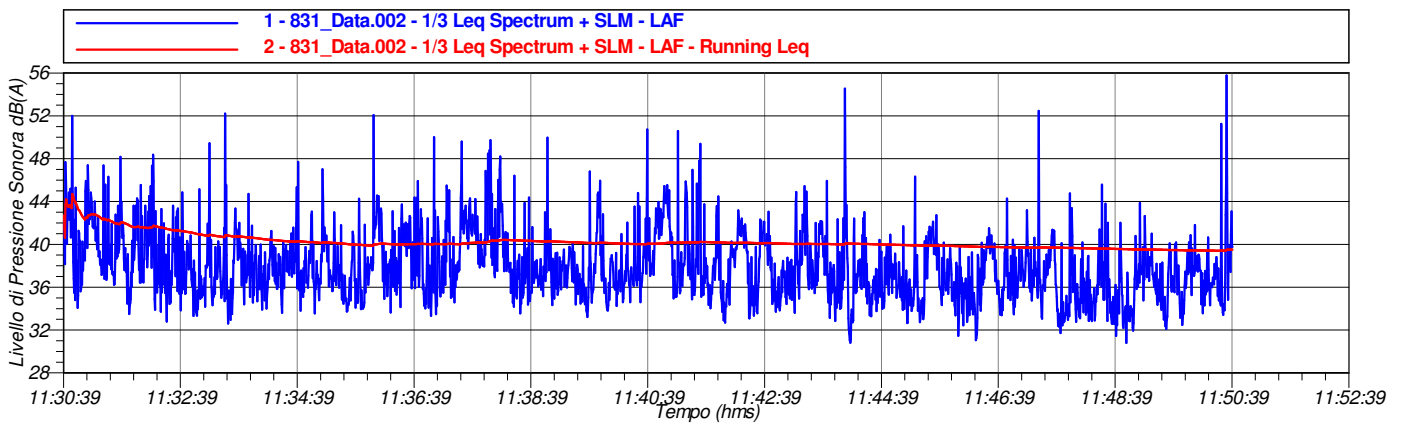
**Data, ora misura: 12/05/2014 11:30:39**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

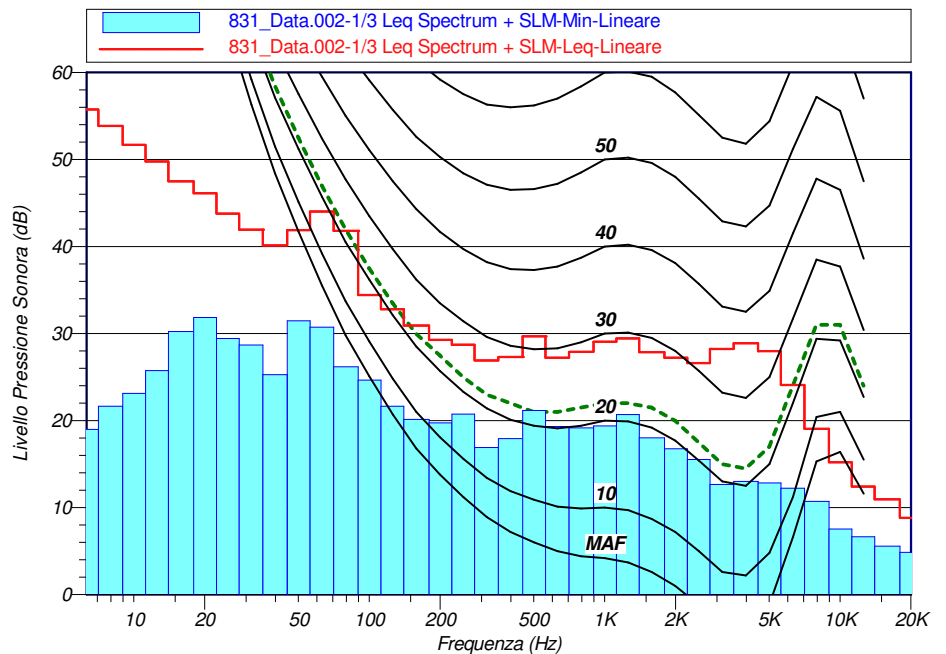
L1: 47.4 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 42.2 dB(A) fast	Totale	11:30:39	00:20:00.500	39.5
L50: 37.5 dB(A) fast	Non Mascherato	11:30:39	00:20:00.500	39.5
L90: 34.4 dB(A) fast	Mascherato		00:00:00	0.0
L95: 33.6 dB(A) fast				
L99: 32.5 dB(A) fast				

**Leq (A): 39.5 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	55.7 dB	400	27.3 dB
8	53.9 dB	500	29.7 dB
10	51.7 dB	630	27.2 dB
12.5	49.8 dB	800	27.9 dB
16	47.5 dB	1000	29.1 dB
20	46.1 dB	1250	29.4 dB
25	43.8 dB	1600	27.9 dB
31.5	41.9 dB	2000	27.2 dB
40	40.1 dB	2500	26.6 dB
50	41.9 dB	3150	28.2 dB
63	44.0 dB	4000	28.9 dB
80	41.8 dB	5000	28.0 dB
100	34.4 dB	6300	24.1 dB
125	32.8 dB	8000	19.1 dB
160	30.9 dB	10000	15.2 dB
200	29.3 dB		
250	28.7 dB		
315	26.9 dB		

Frequenza	Livello	Frequenza	Livello
6.3	19.0 dB	250	20.7 dB
8	21.6 dB	315	16.9 dB
10	23.1 dB	400	17.9 dB
12.5	25.7 dB	500	21.2 dB
16	30.2 dB	630	19.3 dB
20	31.8 dB	800	19.2 dB
25	29.4 dB	1000	19.4 dB
31.5	28.7 dB	1250	20.7 dB
40	25.3 dB	1600	18.0 dB
50	31.5 dB	2000	16.8 dB
63	30.7 dB	2500	15.5 dB
80	26.2 dB		
100	24.7 dB		
125	21.7 dB		
160	20.1 dB		
200	19.7 dB		



**Punto di Misura: P3\_D2**

**Località: Castel del Piano (GR)**

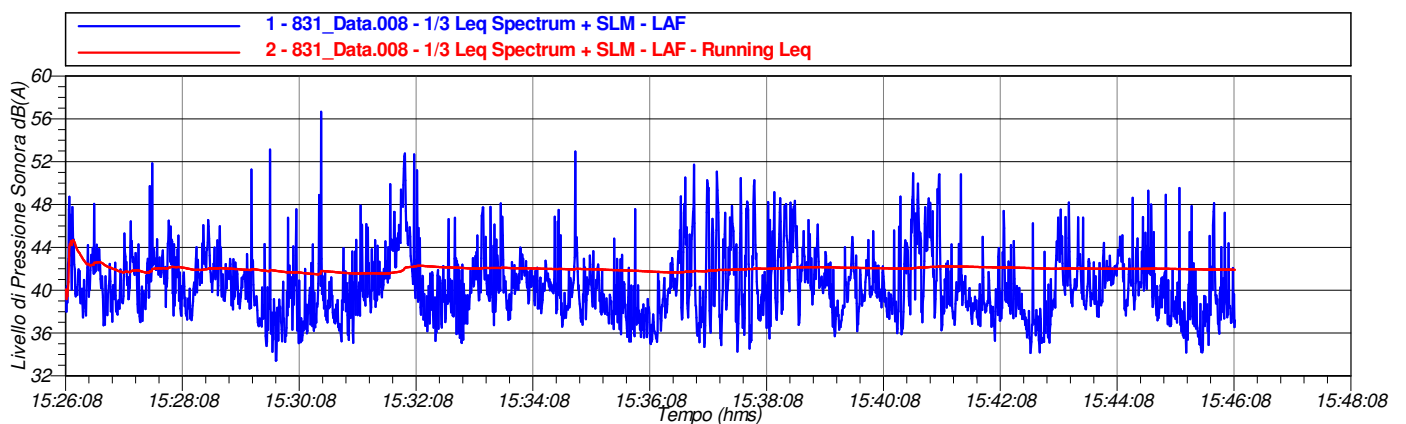
**Data, ora misura: 12/05/2014 15:26:08**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

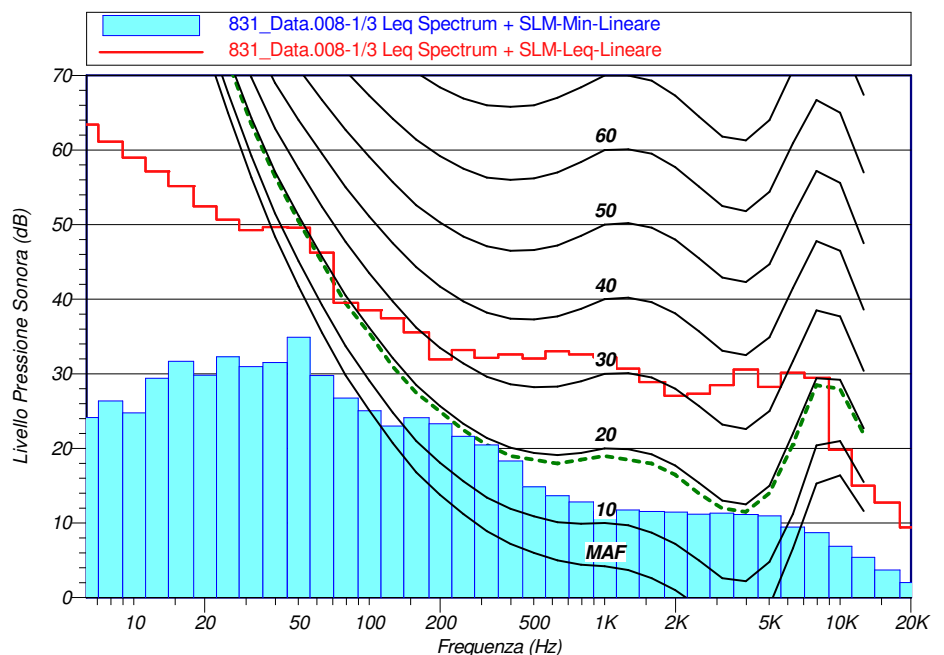
L1: 49.8 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 44.7 dB(A) fast	Totale	15:26:08	00:20:01	41.9
L50: 40.0 dB(A) fast	Non Mascherato	15:26:08	00:20:01	41.9
L90: 36.9 dB(A) fast	Mascherato		00:00:00	0.0
L95: 36.1 dB(A) fast				
L99: 35.1 dB(A) fast				

**Leq (A): 41.9 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	63.4 dB	400	32.6 dB
8	61.1 dB	500	32.1 dB
10	59.0 dB	630	33.0 dB
12.5	57.1 dB	800	32.6 dB
16	55.2 dB	1000	32.2 dB
20	52.5 dB	1250	30.7 dB
25	50.7 dB	1600	28.9 dB
31.5	49.3 dB	2000	27.1 dB
40	49.7 dB	2500	27.3 dB
50	49.6 dB	3150	28.5 dB
63	46.3 dB	4000	30.6 dB
80	39.5 dB	5000	28.2 dB
100	38.5 dB	6300	30.2 dB
125	37.4 dB	8000	29.5 dB
160	35.6 dB	10000	19.8 dB
200	31.9 dB	12500	15.0 dB
250	33.2 dB		
315	32.2 dB		

Frequenza	Livello	Frequenza	Livello
6.3	24.1 dB	250	21.6 dB
8	26.4 dB	315	20.5 dB
10	24.8 dB	400	18.3 dB
12.5	29.4 dB		
16	31.7 dB		
20	29.8 dB		
25	32.3 dB		
31.5	31.0 dB		
40	31.5 dB		
50	34.9 dB		
63	29.8 dB		
80	26.8 dB		
100	25.0 dB		
125	23.0 dB		
160	24.1 dB		
200	23.3 dB		



**Punto di Misura: P3\_N1**

**Località: Castel del Piano (GR)**

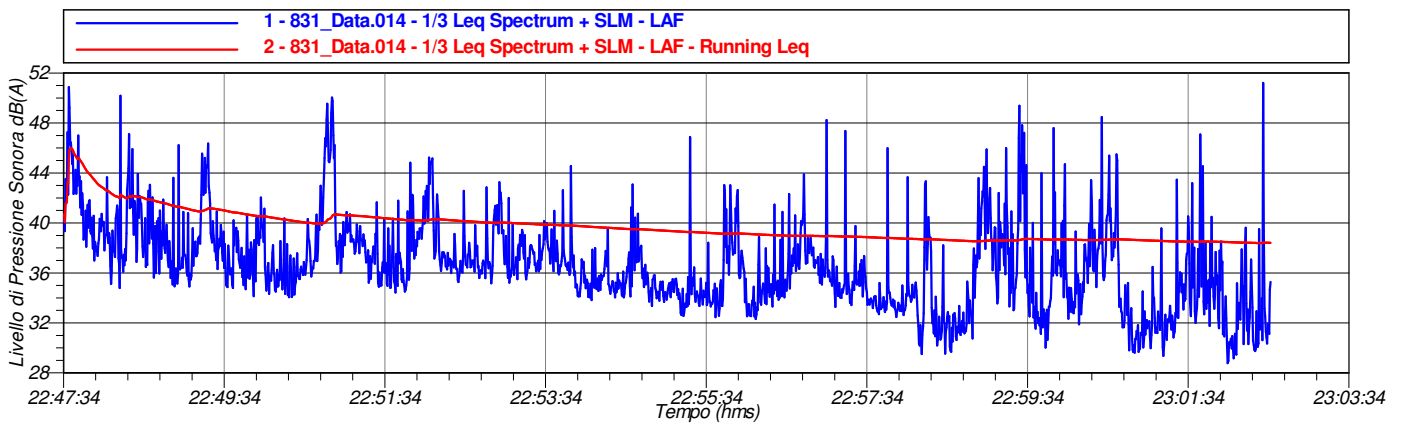
**Data, ora misura: 12/05/2014 22:47:34**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

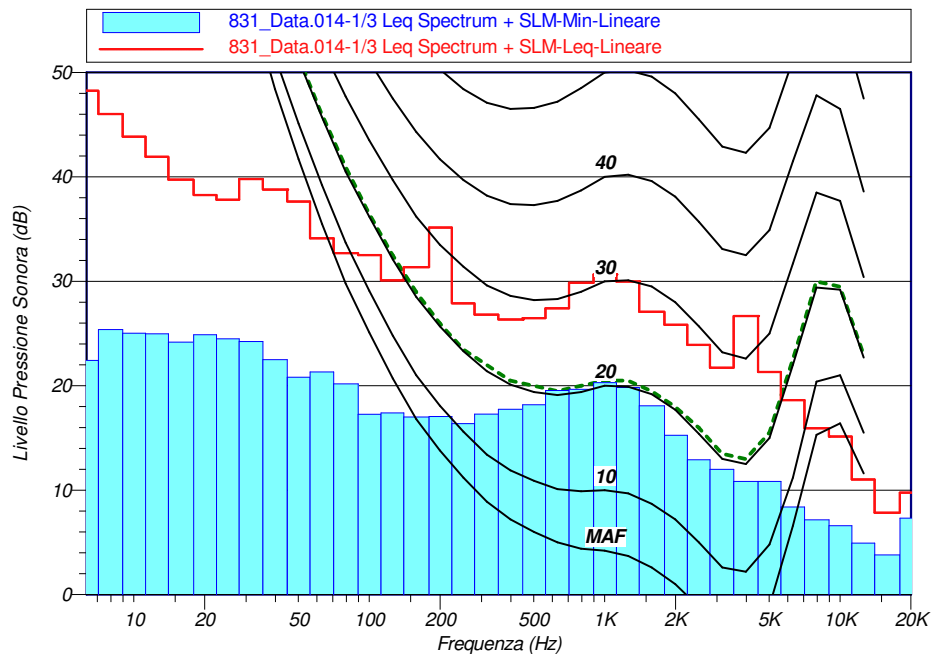
L1: 47.1 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 41.2 dB(A) fast	Totale	22:47:34	00:15:01.500	38.4
L50: 36.3 dB(A) fast	Non Mascherato	22:47:34	00:15:01.500	38.4
L90: 32.5 dB(A) fast	Mascherato		00:00:00	0.0
L95: 31.3 dB(A) fast				
L99: 29.9 dB(A) fast				

**Leq (A): 38.4 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	48.3 dB	400	26.3 dB
8	46.0 dB	500	26.5 dB
10	43.8 dB	630	27.4 dB
12.5	41.9 dB	800	29.9 dB
16	39.7 dB	1000	30.7 dB
20	38.3 dB	1250	30.0 dB
25	37.8 dB	1600	27.1 dB
31.5	39.8 dB	2000	25.8 dB
40	38.8 dB	2500	23.9 dB
50	37.6 dB	3150	21.7 dB
63	34.1 dB	4000	26.7 dB
80	32.7 dB	5000	21.3 dB
100	32.5 dB	6300	18.6 dB
125	30.1 dB	8000	15.9 dB
160	31.4 dB	10000	15.1 dB
200	35.1 dB		
250	27.9 dB		
315	26.8 dB		

Frequenza	Livello	Frequenza	Livello
6.3	22.4 dB	250	16.4 dB
8	25.4 dB	315	17.3 dB
10	25.0 dB	400	17.7 dB
12.5	25.0 dB	500	18.2 dB
16	24.2 dB	630	19.5 dB
20	24.9 dB	800	19.7 dB
25	24.5 dB	1000	20.3 dB
31.5	24.2 dB	1250	19.8 dB
40	22.5 dB	1600	18.1 dB
50	20.8 dB	2000	15.3 dB
63	21.3 dB		
80	20.2 dB		
100	17.3 dB		
125	17.4 dB		
160	17.0 dB		
200	17.0 dB		



**Figura 3** *Foto Postazione di Misura P3*



**Punto di Misura: P4\_D1**

**Località: Castel del Piano (GR)**

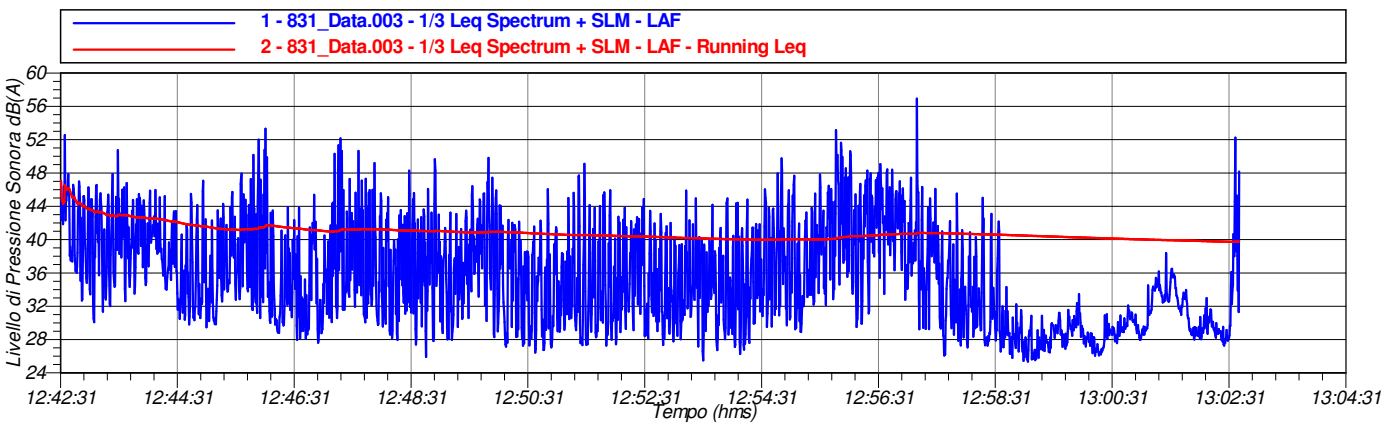
**Data, ora misura: 12/05/2014 12:42:31**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

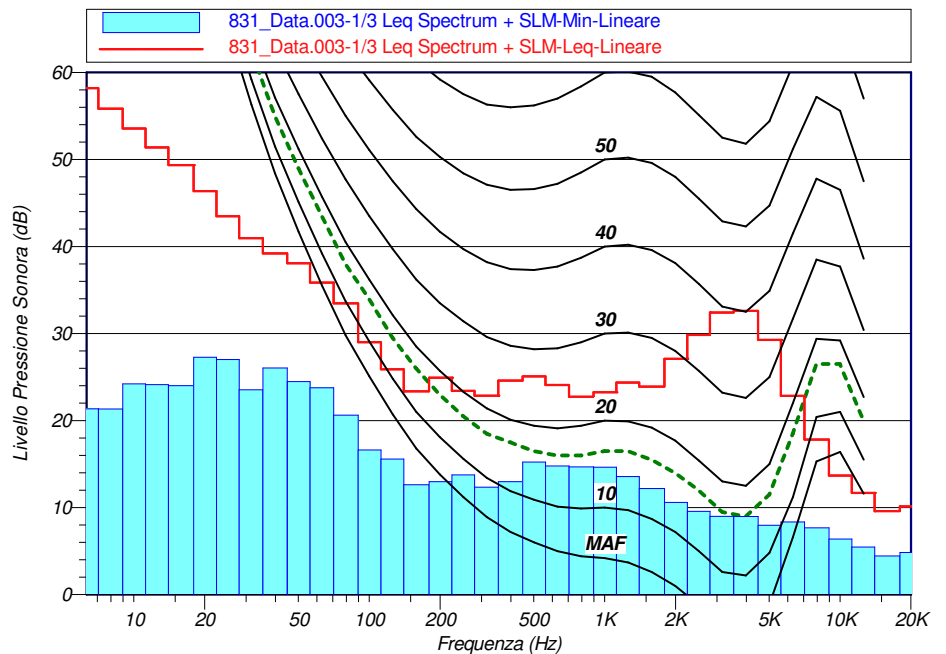
L1: 49.4 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 43.9 dB(A) fast	Totale	12:42:31	00:20:10.500	39.8
L50: 34.5 dB(A) fast	Non Mascherato	12:42:31	00:20:10.500	39.8
L90: 28.4 dB(A) fast	Mascherato		00:00:00	0.0
L95: 27.6 dB(A) fast				
L99: 26.4 dB(A) fast				

**Leq (A): 39.8 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	58.2 dB	400	24.6 dB
8	55.8 dB	500	25.1 dB
10	53.6 dB	630	24.1 dB
12.5	51.4 dB	800	22.7 dB
16	49.4 dB	1000	23.3 dB
20	46.4 dB	1250	24.4 dB
25	43.5 dB	1600	23.9 dB
31.5	41.0 dB	2000	27.1 dB
40	39.2 dB	2500	29.8 dB
50	38.1 dB	3150	32.4 dB
63	35.9 dB	4000	32.6 dB
80	33.5 dB	5000	29.3 dB
100	29.0 dB	6300	22.8 dB
125	25.9 dB	8000	17.8 dB
160	23.4 dB		
200	24.9 dB		
250	23.4 dB		
315	22.9 dB		

Frequenza	Livello	Frequenza	Livello
6.3	21.4 dB		
8	21.3 dB		
10	24.2 dB		
12.5	24.1 dB		
16	24.0 dB		
20	27.3 dB		
25	27.0 dB		
31.5	23.5 dB		
40	26.0 dB		
50	24.5 dB		
63	23.8 dB		
80	20.6 dB		
100	16.6 dB		
125	15.6 dB		
150	15.2 dB		



**Punto di Misura: P4\_D2**

**Località: Castel del Piano (GR)**

**Data, ora misura: 12/05/2014 15:49:38**

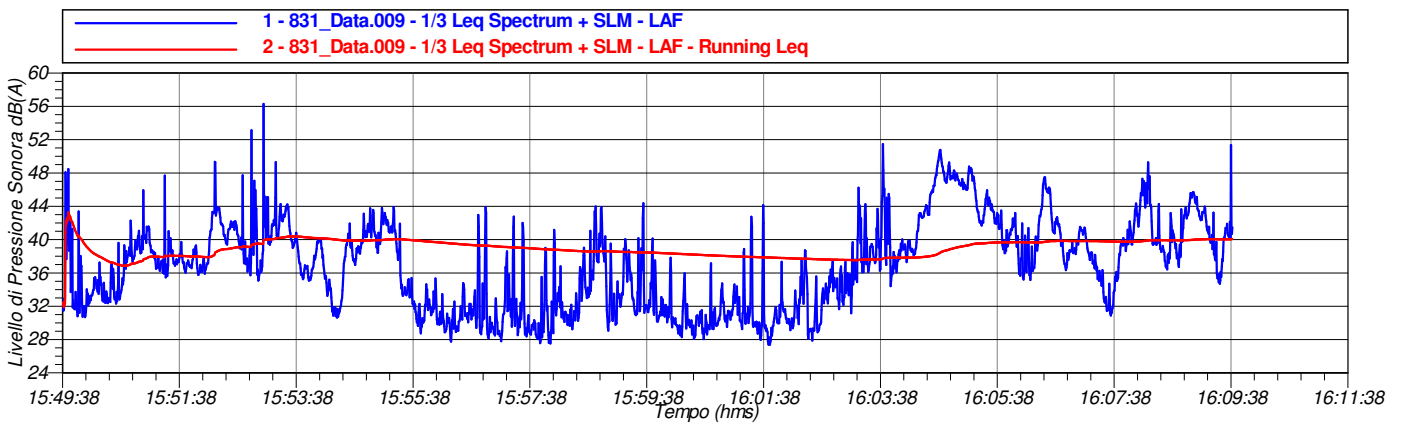
**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

L1: 48.6 dB(A) fast
L10: 43.7 dB(A) fast
L50: 37.0 dB(A) fast
L90: 30.0 dB(A) fast
L95: 29.2 dB(A) fast
L99: 28.3 dB(A) fast

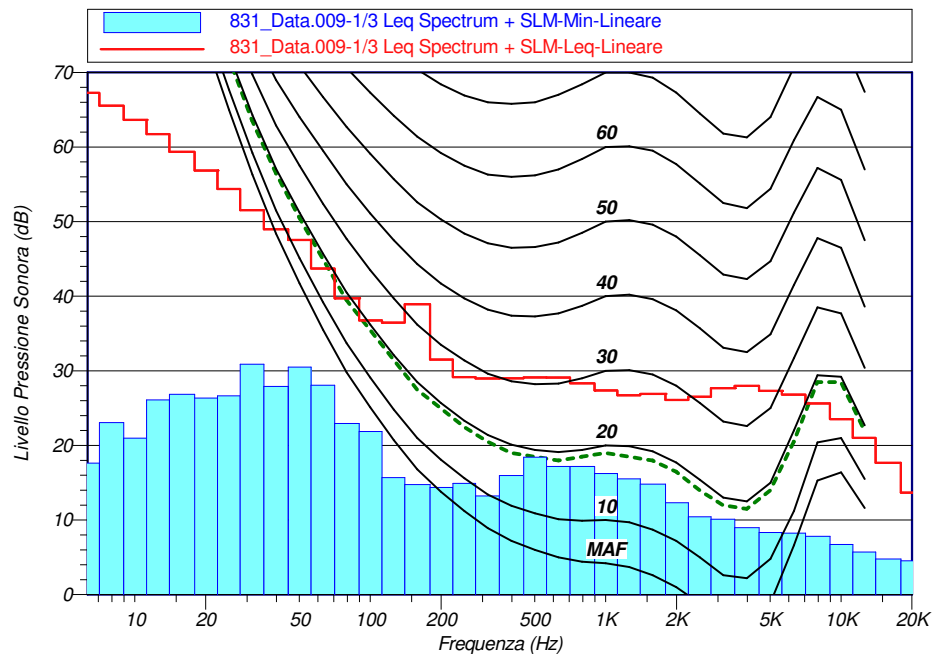
Nome	Inizio	Durata (hh:mm:ss)	Leq(A)
Totale	15:49:38	00:20:01.500	40.1
Non Mascherato	15:49:38	00:20:01.500	40.1
Mascherato		00:00:00	0.0

**Leq (A): 40.1 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	67.3 dB	400	29.0 dB
8	65.6 dB	500	29.1 dB
10	63.6 dB	630	29.1 dB
12.5	61.7 dB	800	28.3 dB
16	59.4 dB	1000	27.4 dB
20	56.9 dB	1250	26.7 dB
25	54.4 dB	1600	26.9 dB
31.5	51.5 dB	2000	26.1 dB
40	49.0 dB	2500	26.5 dB
50	47.5 dB	3150	27.7 dB
63	43.7 dB	4000	28.0 dB
80	39.7 dB	5000	27.3 dB
100	36.8 dB	6300	26.8 dB
125	36.5 dB	8000	25.6 dB
160	38.9 dB	10000	23.5 dB
200	31.5 dB	12500	21.0 dB
250	29.2 dB	16000	17.7 dB
315	29.0 dB		

Frequenza	Livello	Frequenza	Livello
6.3	17.6 dB	630	17.2 dB
8	23.1 dB	800	17.2 dB
10	21.0 dB	1000	16.2 dB
12.5	26.1 dB	1250	15.5 dB
16	26.8 dB		
20	26.3 dB		
25	26.6 dB		
31.5	30.9 dB		
40	27.9 dB		
50	30.5 dB		
63	28.1 dB		
80	22.9 dB		
100	21.9 dB		
125	15.7 dB		
400	16.0 dB		
500	18.4 dB		



**Punto di Misura: P4\_N1**

**Località: Castel del Piano (GR)**

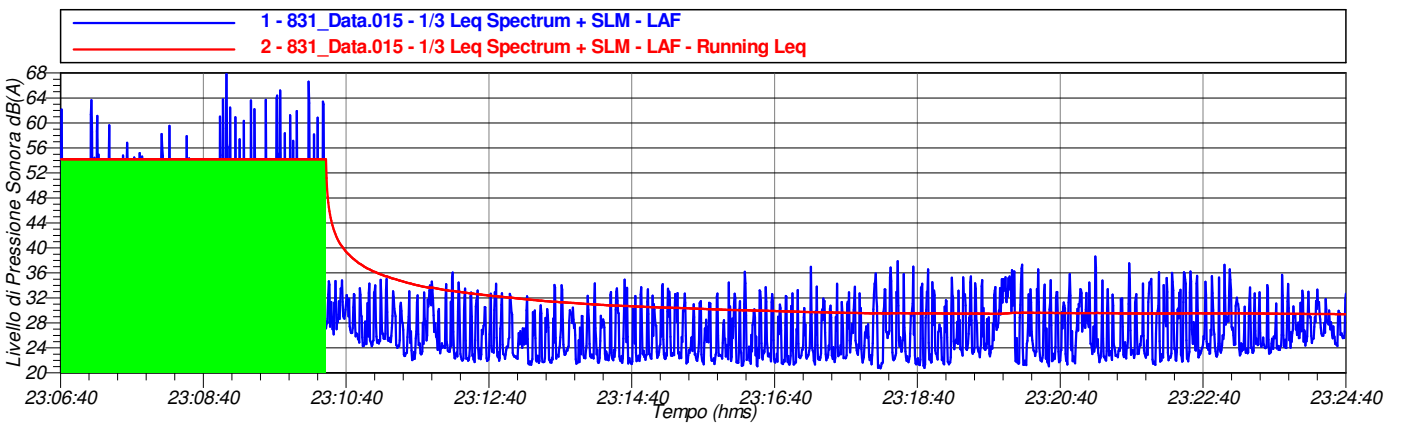
**Data, ora misura: 12/05/2014 23:06:40**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

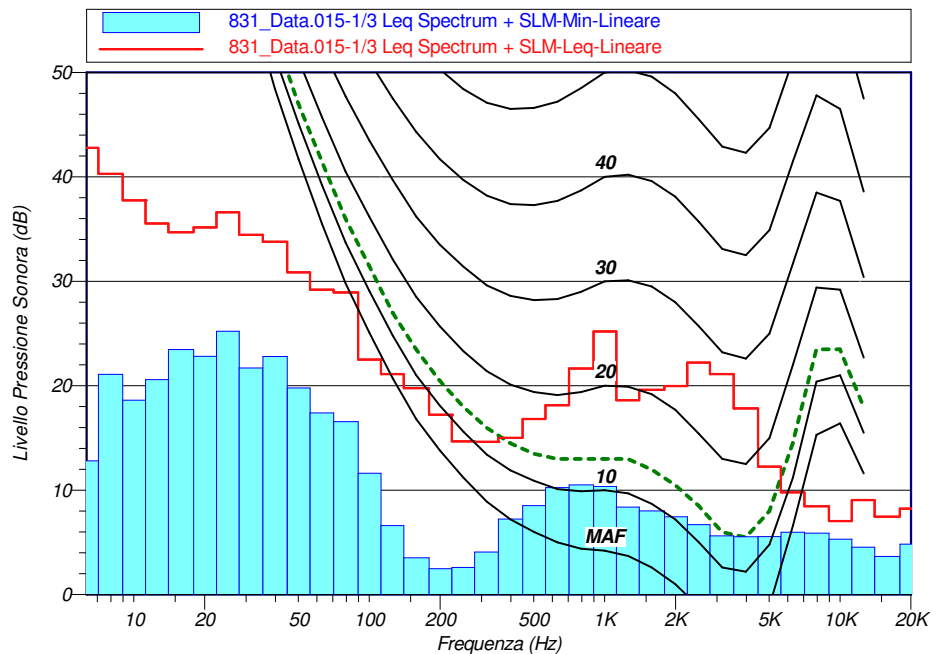
L1: 37.0 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 32.8 dB(A) fast	Totale	23:06:40	00:20:01	44.7
L50: 25.6 dB(A) fast	Non Mascherato	23:06:40	00:16:18.500	30.1
L90: 22.1 dB(A) fast	Mascherato	23:06:41	00:03:42.500	51.9
L95: 21.8 dB(A) fast				
L99: 21.3 dB(A) fast	Cane	23:06:41	00:03:42.500	51.9

**Leq (A): 30.1 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	42.8 dB	630	18.1 dB
8	40.3 dB	800	21.6 dB
10	37.8 dB	1000	25.2 dB
12.5	35.5 dB	1250	18.6 dB
16	34.7 dB	1600	19.6 dB
20	35.2 dB	2000	20.0 dB
25	36.6 dB	2500	22.2 dB
31.5	34.5 dB	3150	21.1 dB
40	33.8 dB	4000	17.8 dB
50	30.9 dB		
63	29.2 dB		
80	28.9 dB		
100	22.5 dB		
125	21.1 dB		
160	19.8 dB		
200	17.2 dB		
400	15.0 dB		
500	16.8 dB		

Frequenza	Livello	Frequenza	Livello
8	21.1 dB		
10	18.6 dB		
12.5	20.6 dB		
16	23.5 dB		
20	22.8 dB		
25	25.2 dB		
31.5	21.7 dB		
40	22.8 dB		
50	19.8 dB		
63	17.4 dB		
80	16.6 dB		





**Figura 4** *Foto Postazione di Misura P4*



**Punto di Misura: P5\_D1**

**Località: Castel del Piano (GR)**

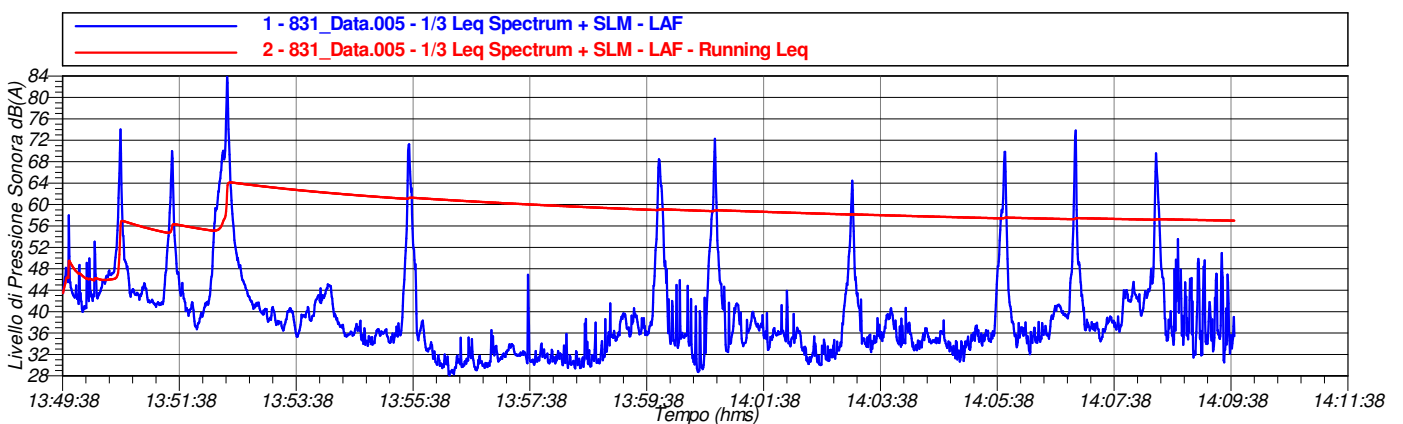
**Data, ora misura: 12/05/2014 13:49:38**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

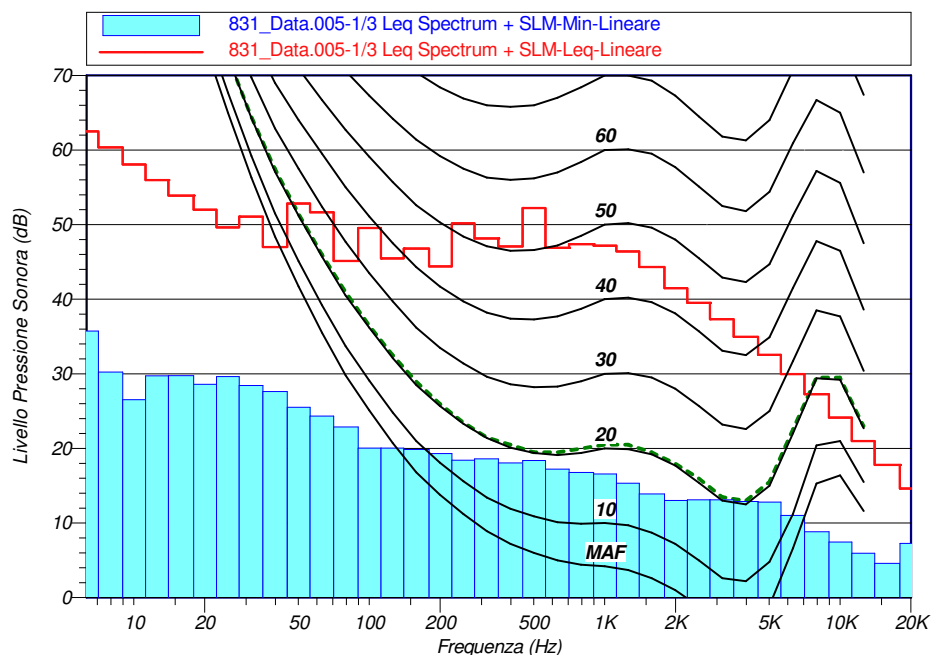
L1: 69.5 dB(A) fast			
L10: 48.5 dB(A) fast			
L50: 36.9 dB(A) fast			
L90: 31.3 dB(A) fast			
L95: 30.4 dB(A) fast			
L99: 29.4 dB(A) fast			
	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>
	Totale	13:49:38	00:20:03.500
	Non Mascherato	13:49:38	00:20:03.500
	Mascherato		00:00:00
			<b>Leq(A)</b>
			57.0
			57.0
			0.0

**Leq (A): 57.0 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	62.5 dB	400	47.1 dB
8	60.4 dB	500	52.2 dB
10	58.1 dB	630	46.9 dB
12.5	56.0 dB	800	47.4 dB
16	53.9 dB	1000	47.2 dB
20	52.0 dB	1250	46.4 dB
25	49.6 dB	1600	44.3 dB
31.5	51.1 dB	2000	41.5 dB
40	47.0 dB	2500	39.5 dB
50	52.8 dB	3150	37.3 dB
63	51.7 dB	4000	35.0 dB
80	45.1 dB	5000	32.5 dB
100	49.6 dB	6300	30.0 dB
125	45.5 dB	8000	27.3 dB
160	46.8 dB	10000	24.1 dB
200	44.4 dB	12500	21.0 dB
250	50.2 dB	16000	17.8 dB
315	48.2 dB		

Frequenza	Livello	Frequenza	Livello
6.3	35.7 dB	250	18.4 dB
8	30.2 dB	315	18.6 dB
10	26.5 dB	400	18.1 dB
12.5	29.7 dB	500	18.4 dB
16	29.7 dB	630	17.2 dB
20	28.6 dB	800	16.8 dB
25	29.6 dB	1000	16.6 dB
31.5	28.4 dB	1250	15.3 dB
40	27.6 dB		
50	25.5 dB		
63	24.3 dB		
80	22.9 dB		
100	20.0 dB		
125	20.0 dB		
160	19.9 dB		
200	19.3 dB		



**Punto di Misura: P5\_D2**

**Località: Castel del Piano (GR)**

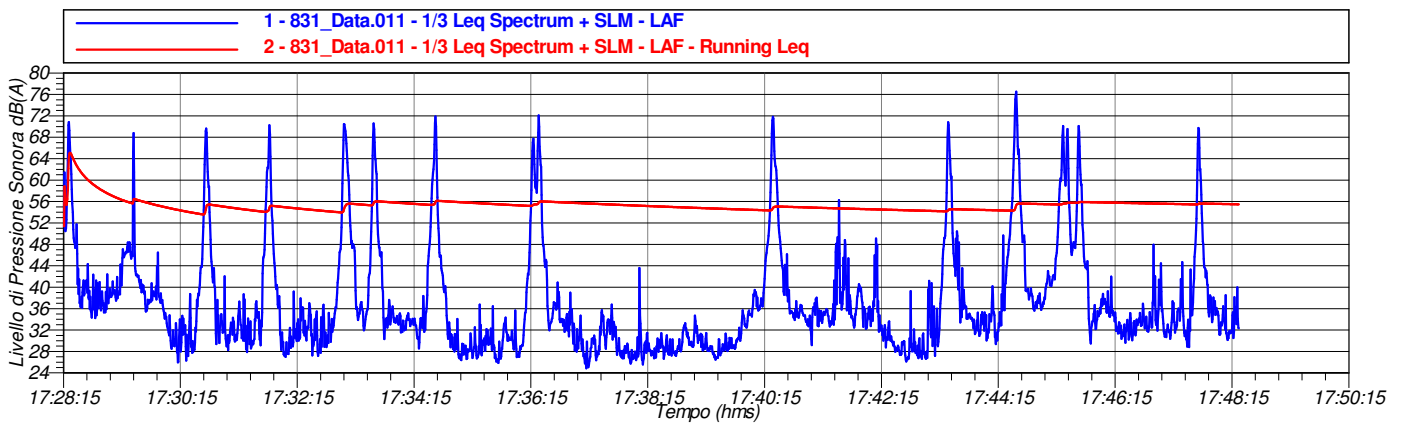
**Data, ora misura: 12/05/2014 17:28:15**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

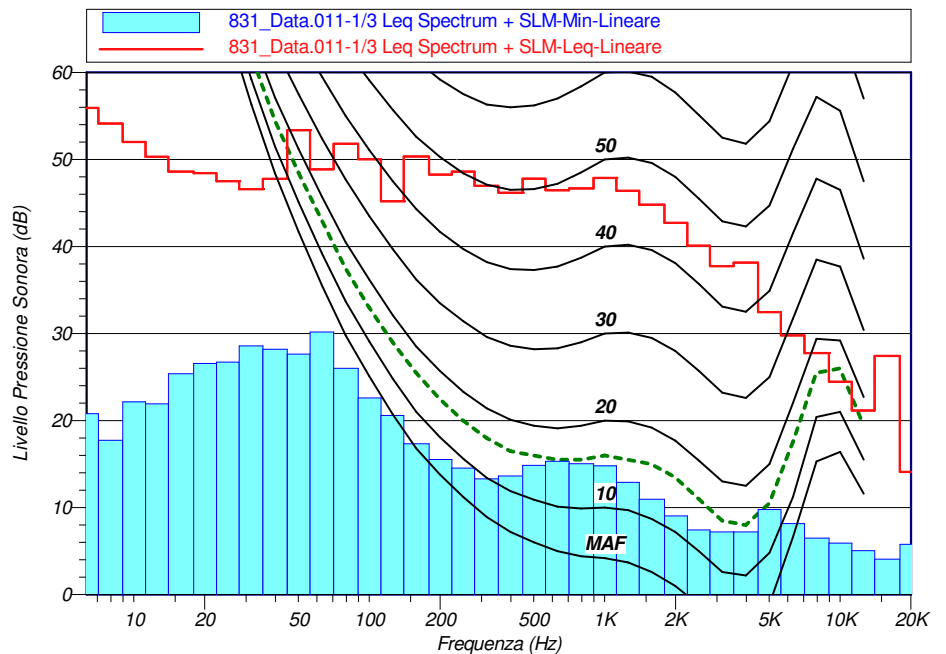
L1: 69.8 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 50.4 dB(A) fast	Totale	17:28:15	00:20:07	55.5
L50: 34.3 dB(A) fast	Non Mascherato	17:28:15	00:20:07	55.5
L90: 28.2 dB(A) fast	Mascherato		00:00:00	0.0
L95: 27.4 dB(A) fast				
L99: 26.5 dB(A) fast				

**Leq (A): 55.5 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	55.9 dB	400	46.2 dB
8	54.1 dB	500	47.8 dB
10	52.0 dB	630	46.5 dB
12.5	50.3 dB	800	46.7 dB
16	48.6 dB	1000	47.9 dB
20	48.4 dB	1250	46.4 dB
25	47.5 dB	1600	44.8 dB
31.5	46.6 dB	2000	42.7 dB
40	47.8 dB	2500	40.1 dB
50	53.4 dB	3150	37.8 dB
63	48.9 dB	4000	38.2 dB
80	51.8 dB	5000	32.5 dB
100	50.0 dB	6300	29.8 dB
125	45.2 dB	8000	27.8 dB
160	50.4 dB	10000	24.4 dB
200	48.3 dB	12500	21.2 dB
250	48.6 dB	16000	27.4 dB
315	47.0 dB		

Frequenza	Livello	Frequenza	Livello
6.3	20.8 dB	630	15.3 dB
8	17.7 dB	800	15.0 dB
10	22.1 dB		
12.5	21.9 dB		
16	25.4 dB		
20	26.6 dB		
25	26.7 dB		
31.5	28.6 dB		
40	28.2 dB		
50	27.6 dB		
63	30.2 dB		
80	26.0 dB		
100	22.6 dB		
125	20.6 dB		
160	17.3 dB		
200	15.5 dB		



**Punto di Misura: P5\_N1**

**Località: Castel del Piano (GR)**

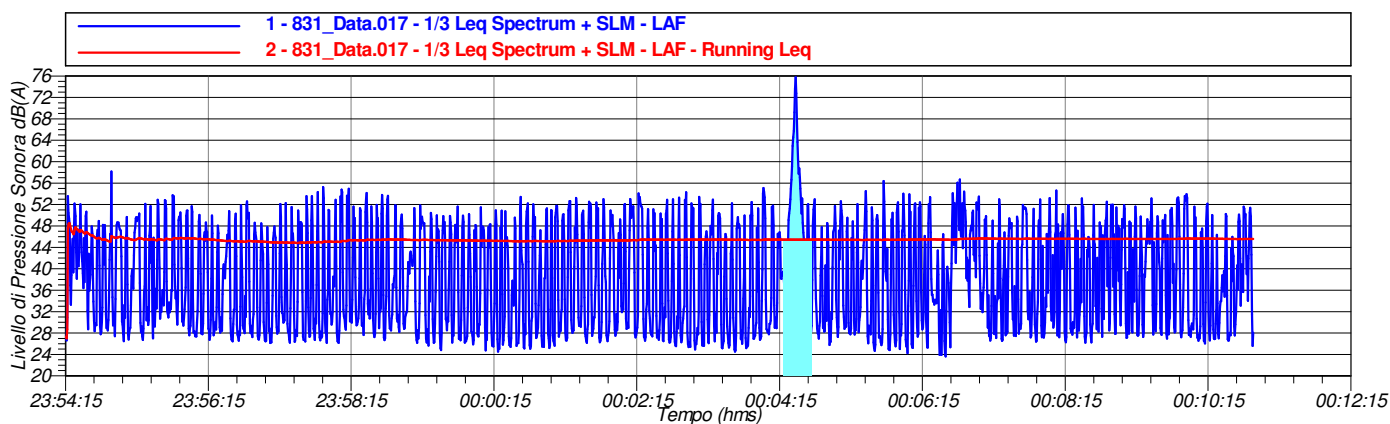
**Data, ora misura: 12/05/2014 23:54:15**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

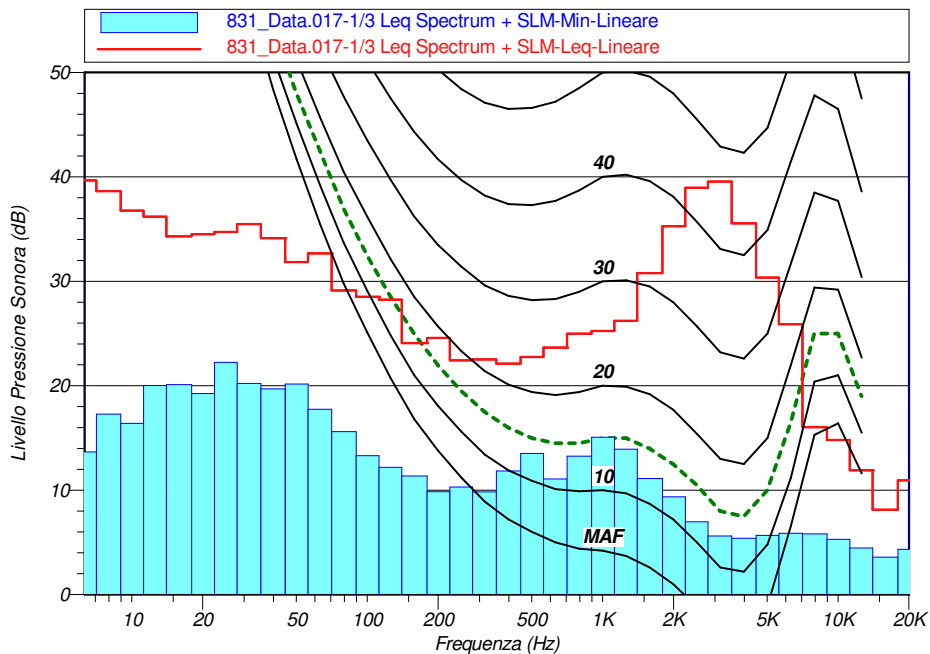
L1: 54.0 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 50.9 dB(A) fast	Totale	23:54:15	00:16:38	49.6
L50: 35.8 dB(A) fast	Non Mascherato	23:54:15	00:16:13.500	45.6
L90: 27.0 dB(A) fast	Mascherato	00:04:17	00:00:24.500	63.6
L95: 26.2 dB(A) fast				
L99: 25.1 dB(A) fast	Macchina	00:04:17	00:00:24.500	63.6

**Leq (A): 45.6 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	39.7 dB	400	22.1 dB
8	38.6 dB	500	22.8 dB
10	36.8 dB	630	23.6 dB
12.5	36.2 dB	800	25.0 dB
16	34.3 dB	1000	25.2 dB
20	34.5 dB	1250	26.2 dB
25	34.7 dB	1600	30.8 dB
31.5	35.5 dB	2000	35.3 dB
40	34.1 dB	2500	39.0 dB
50	31.8 dB	3150	39.6 dB
63	32.7 dB	4000	35.6 dB
80	29.1 dB	5000	30.4 dB
100	28.5 dB	6300	25.9 dB
125	28.2 dB	8000	16.0 dB
160	24.1 dB		
200	24.6 dB		
250	22.4 dB		
315	22.5 dB		

Frequenza	Livello	Frequenza	Livello
8	17.3 dB		
10	16.4 dB		
12.5	20.0 dB		
16	20.1 dB		
20	19.3 dB		
25	22.2 dB		
31.5	20.2 dB		
40	19.7 dB		
50	20.2 dB		
63	17.7 dB		
80	15.6 dB		
1000	15.1 dB		



**Figura 5** Foto Postazione di Misura P5



**Punto di Misura: P6\_D1**

**Località: Castel del Piano (GR)**

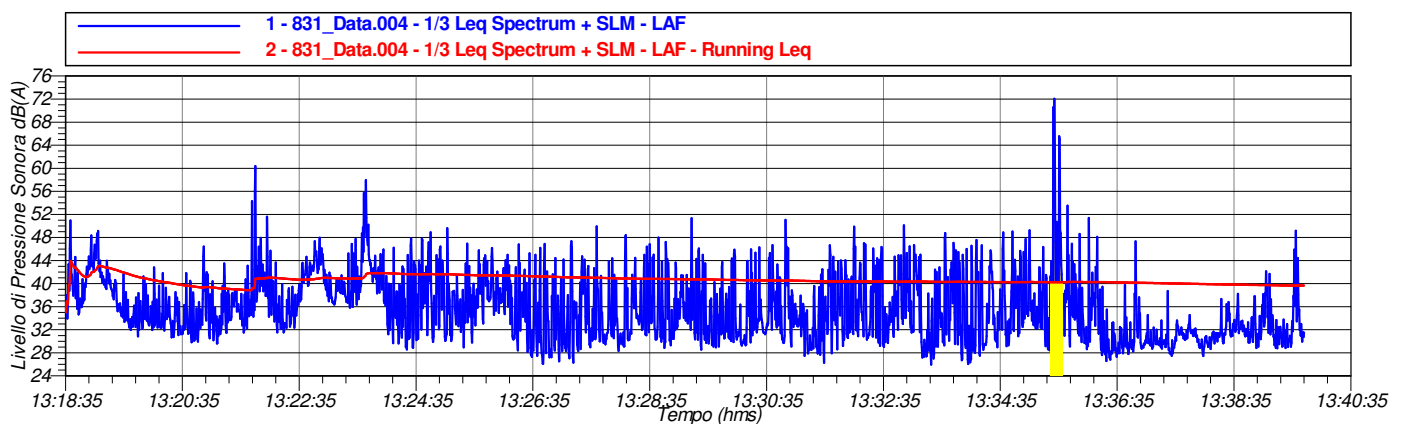
**Data, ora misura: 12/05/2014 13:18:35**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

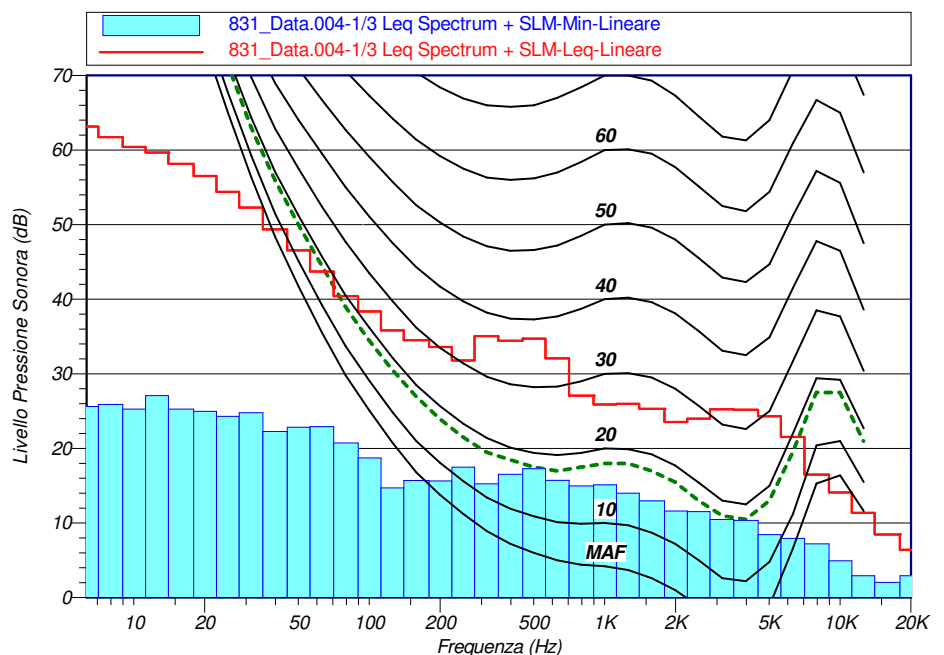
L1: 48.9 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 43.3 dB(A) fast	Totale	13:18:35	00:21:12	43.8
L50: 34.6 dB(A) fast	Non Mascherato	13:18:35	00:20:58.500	39.7
L90: 29.5 dB(A) fast	Mascherato	13:35:26	00:00:13.500	61.4
L95: 28.7 dB(A) fast				
L99: 27.4 dB(A) fast	Anomalo	13:35:26	00:00:13.500	61.4

**Leq (A): 39.7 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	63.2 dB	400	34.4 dB
8	61.7 dB	500	34.7 dB
10	60.4 dB	630	32.1 dB
12.5	59.7 dB	800	27.1 dB
16	58.2 dB	1000	25.9 dB
20	56.5 dB	1250	26.0 dB
25	54.4 dB	1600	25.3 dB
31.5	52.3 dB	2000	23.5 dB
40	49.4 dB	2500	24.0 dB
50	46.6 dB	3150	25.3 dB
63	43.7 dB	4000	25.2 dB
80	40.4 dB	5000	24.3 dB
100	38.4 dB	6300	21.5 dB
125	35.8 dB	8000	16.5 dB
160	34.5 dB		
200	33.6 dB		
250	31.8 dB		
315	35.1 dB		

Frequenza	Livello	Frequenza	Livello
6.3	25.6 dB	315	15.2 dB
8	25.9 dB	400	16.5 dB
10	25.3 dB	500	17.3 dB
12.5	27.1 dB	630	15.7 dB
16	25.3 dB	1000	15.1 dB
20	25.0 dB		
25	24.3 dB		
31.5	24.8 dB		
40	22.3 dB		
50	22.8 dB		
63	22.9 dB		
80	20.7 dB		
100	18.7 dB		
160	15.7 dB		
200	15.6 dB		
250	17.5 dB		



**Punto di Misura: P6\_D2**

**Località: Castel del Piano (GR)**

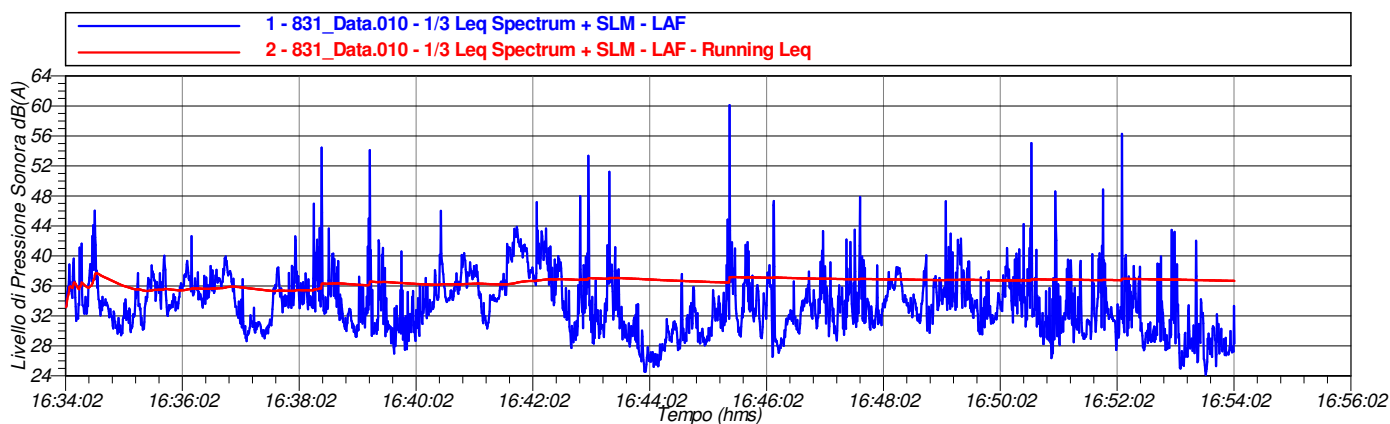
**Data, ora misura: 12/05/2014 16:34:02**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

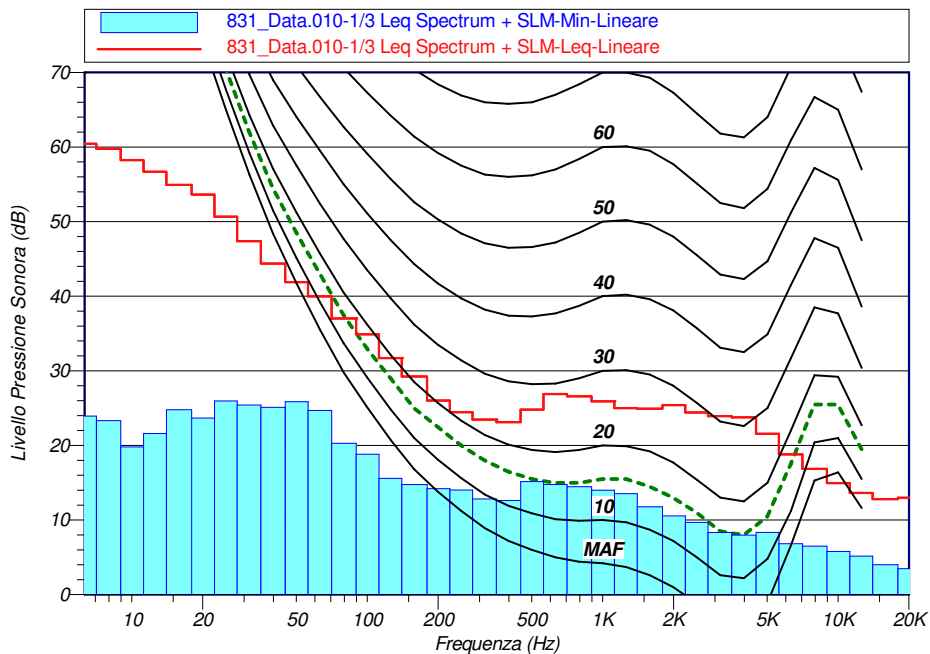
L1: 44.1 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 38.7 dB(A) fast	Totale	16:34:02	00:20:00.500	36.7
L50: 33.2 dB(A) fast	Non Mascherato	16:34:02	00:20:00.500	36.7
L90: 28.9 dB(A) fast	Mascherato		00:00:00	0.0
L95: 27.7 dB(A) fast				
L99: 25.9 dB(A) fast				

**Leq (A): 36.7 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	60.4 dB	400	23.1 dB
8	59.8 dB	500	24.8 dB
10	58.3 dB	630	26.9 dB
12.5	56.7 dB	800	26.6 dB
16	54.9 dB	1000	25.9 dB
20	53.6 dB	1250	25.0 dB
25	50.7 dB	1600	24.9 dB
31.5	47.4 dB	2000	25.4 dB
40	44.4 dB	2500	24.4 dB
50	41.9 dB	3150	23.9 dB
63	40.0 dB	4000	23.8 dB
80	37.0 dB	5000	21.6 dB
100	34.9 dB	6300	18.8 dB
125	31.7 dB	8000	16.8 dB
160	29.2 dB		
200	26.0 dB		
250	24.5 dB		
315	23.5 dB		

Frequenza	Livello	Frequenza	Livello
6.3	23.9 dB		
8	23.3 dB		
10	19.8 dB		
12.5	21.6 dB		
16	24.8 dB		
20	23.7 dB		
25	26.0 dB		
31.5	25.4 dB		
40	25.1 dB		
50	25.9 dB		
63	24.7 dB		
80	20.3 dB		
100	18.8 dB		
125	15.6 dB		
150	15.2 dB		



## Punto di Misura: P6\_N1

Località: Castel del Piano (GR)

Data, ora misura: 12/05/2014 23:33:37

Operatore: Dott. Lorenzo Magni

Strumentazione: Larson Davis 831

L1: 37.8 dB(A) fast

L10: 30.3 dB(A) fast

L50: 24.6 dB(A) fast

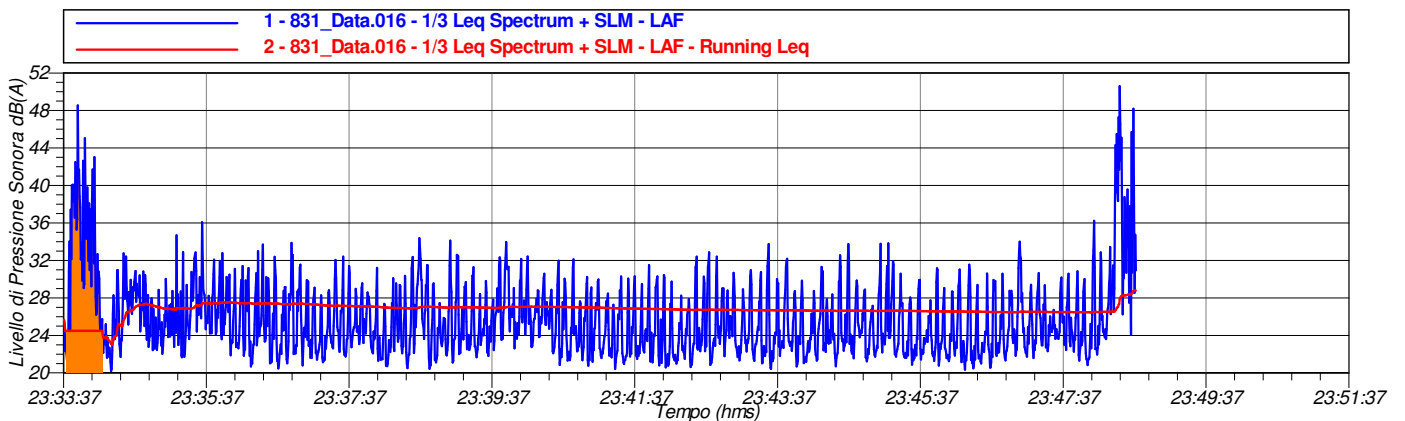
L90: 21.8 dB(A) fast

L95: 21.3 dB(A) fast

L99: 20.7 dB(A) fast

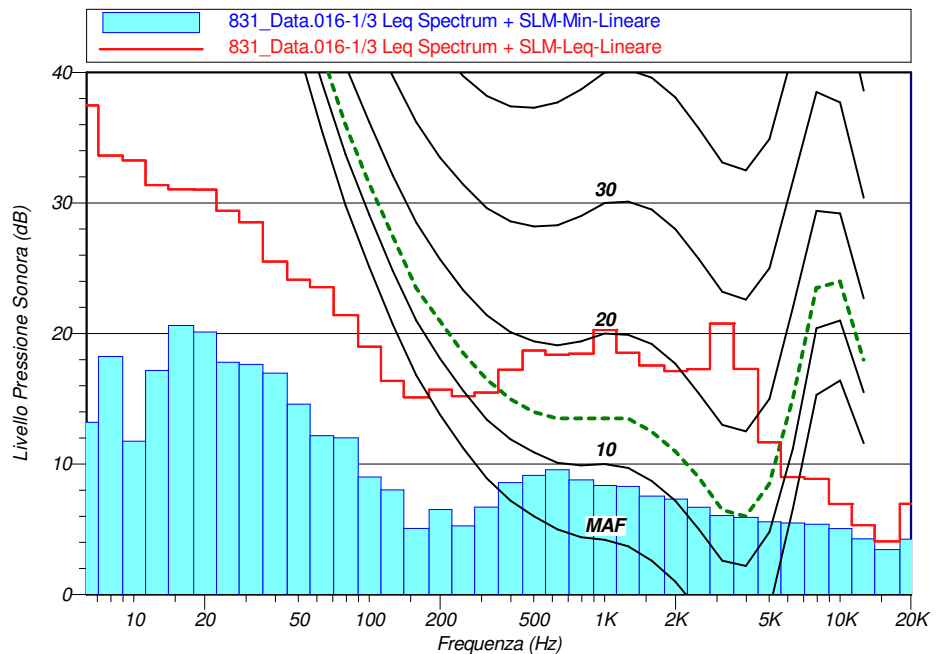
Nome	Inizio	Durata (hh:mm:ss)	Leq(A)
Totale	23:33:37	00:15:01	29.7
Non Mascherato	23:33:37	00:14:30	28.8
Mascherato	23:33:39	00:00:31	37.8
Anomalo	23:33:39	00:00:31	37.8

**Leq (A): 28.8 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	37.5 dB	400	17.2 dB
8	33.6 dB	500	18.7 dB
10	33.3 dB	630	18.4 dB
12.5	31.4 dB	800	18.5 dB
16	31.1 dB	1000	20.3 dB
20	31.0 dB	1250	18.5 dB
25	29.4 dB	1600	17.6 dB
31.5	28.5 dB	2000	17.1 dB
40	25.5 dB	2500	17.3 dB
50	24.1 dB	3150	20.8 dB
63	23.6 dB	4000	17.3 dB
80	21.4 dB		
100	19.0 dB		
125	16.4 dB		
160	15.1 dB		
200	15.7 dB		
250	15.2 dB		
315	15.5 dB		

Frequenza	Livello	Frequenza	Livello
8	18.2 dB		
12.5	17.2 dB		
16	20.6 dB		
20	20.1 dB		
25	17.8 dB		
31.5	17.6 dB		
40	17.0 dB		





**Figura 6** Foto Postazione di Misura P6



**Punto di Misura: P7\_D1**

**Località: Castel del Piano (GR)**

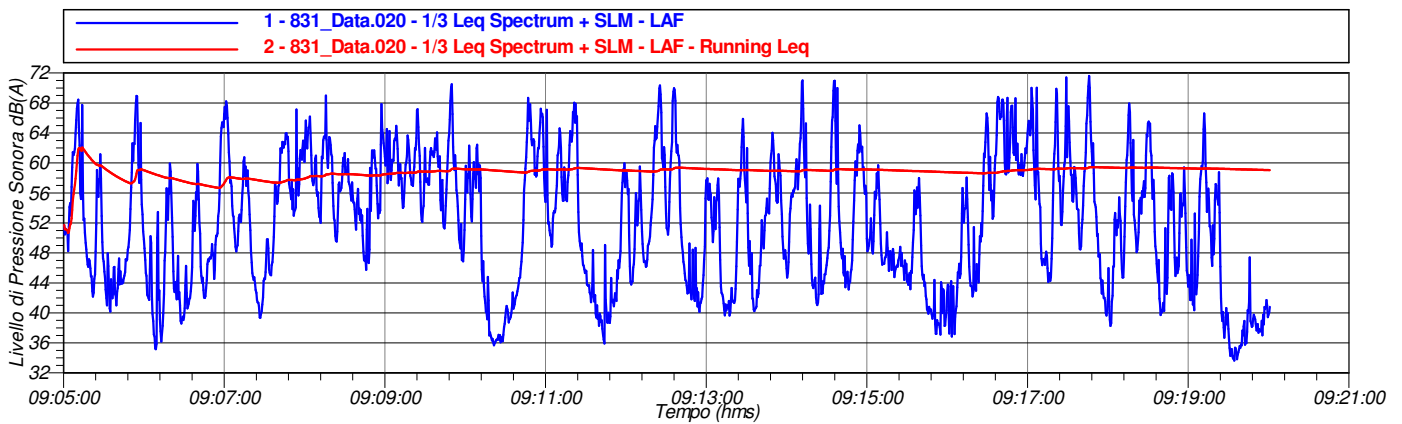
**Data, ora misura: 13/05/2014 09:05:00**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

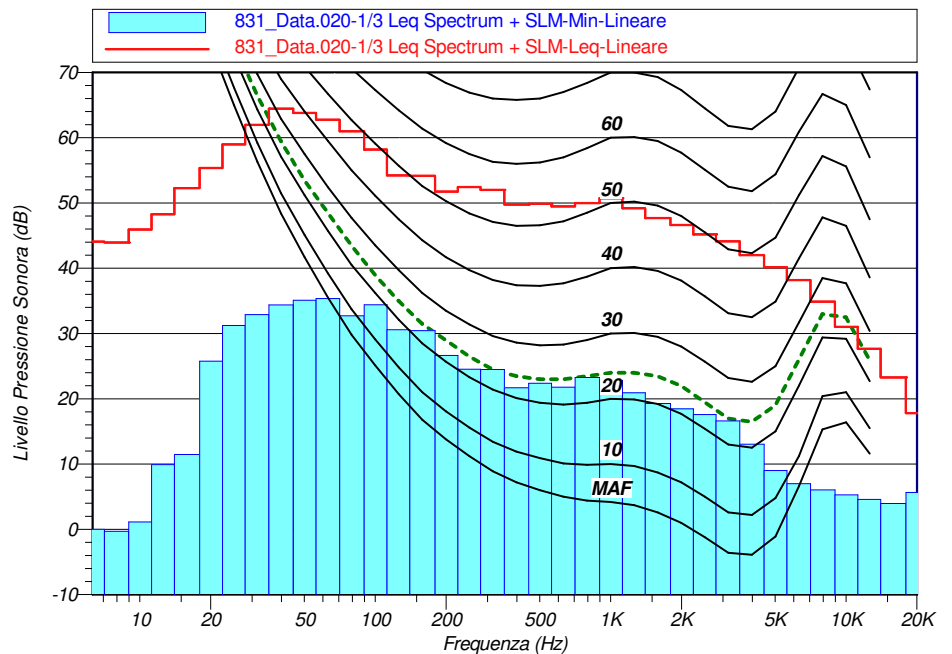
L1: 69.6 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 63.3 dB(A) fast	Totale	09:05:00	00:15:01	59.0
L50: 52.3 dB(A) fast	Non Mascherato	09:05:00	00:15:01	59.0
L90: 40.3 dB(A) fast	Mascherato		00:00:00	0.0
L95: 38.5 dB(A) fast				
L99: 35.6 dB(A) fast				

**Leq (A): 59.0 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	44.1 dB	400	49.8 dB
8	43.9 dB	500	49.9 dB
10	45.9 dB	630	49.5 dB
12.5	48.3 dB	800	50.0 dB
16	52.3 dB	1000	50.7 dB
20	55.4 dB	1250	49.2 dB
25	59.0 dB	1600	47.7 dB
31.5	62.0 dB	2000	46.6 dB
40	64.5 dB	2500	45.2 dB
50	63.8 dB	3150	44.1 dB
63	62.8 dB	4000	42.0 dB
80	61.0 dB	5000	40.2 dB
100	58.2 dB	6300	38.2 dB
125	54.2 dB	8000	34.9 dB
160	54.2 dB	10000	31.0 dB
200	51.7 dB	12500	27.7 dB
250	52.5 dB	16000	23.3 dB
315	52.0 dB	20000	17.8 dB

Frequenza	Livello	Frequenza	Livello
20	25.7 dB	800	23.3 dB
25	31.2 dB	1000	22.8 dB
31.5	32.9 dB	1250	20.9 dB
40	34.4 dB	1600	19.3 dB
50	35.1 dB	2000	18.5 dB
63	35.4 dB	2500	17.6 dB
80	32.7 dB	3150	16.6 dB
100	34.4 dB		
125	30.6 dB		
160	30.5 dB		
200	26.6 dB		
250	24.5 dB		
315	24.5 dB		
400	21.7 dB		
500	22.4 dB		
630	21.8 dB		



**Figura 7 Foto Postazione di Misura P7**



**Punto di Misura: P8\_D1**

**Località: Castel del Piano (GR)**

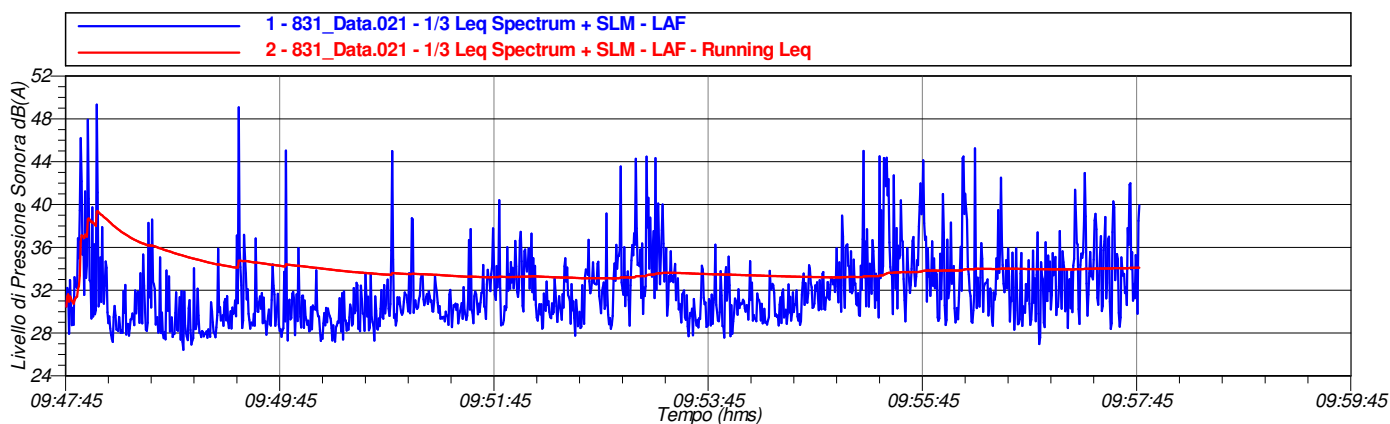
**Data, ora misura: 13/05/2014 09:47:45**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

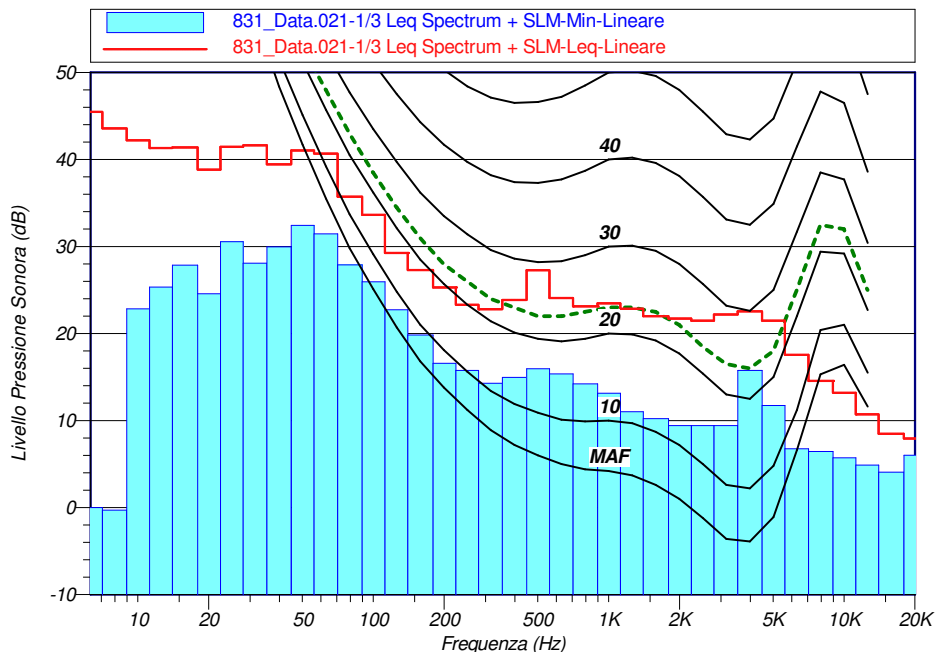
L1: 44.3 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 36.4 dB(A) fast	Totale	09:47:45	00:10:01.500	34.1
L50: 31.2 dB(A) fast	Non Mascherato	09:47:45	00:10:01.500	34.1
L90: 28.6 dB(A) fast	Mascherato		00:00:00	0.0
L95: 28.1 dB(A) fast				
L99: 27.4 dB(A) fast				

**Leq (A): 34.1 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	45.5 dB	400	23.9 dB
8	43.6 dB	500	27.3 dB
10	42.2 dB	630	24.1 dB
12.5	41.3 dB	800	23.1 dB
16	41.4 dB	1000	23.5 dB
20	38.8 dB	1250	22.9 dB
25	41.5 dB	1600	22.0 dB
31.5	41.6 dB	2000	21.7 dB
40	39.5 dB	2500	21.5 dB
50	41.0 dB	3150	22.2 dB
63	40.7 dB	4000	22.6 dB
80	35.7 dB	5000	21.5 dB
100	33.6 dB	6300	17.5 dB
125	29.3 dB		
160	27.3 dB		
200	25.3 dB		
250	23.3 dB		
315	22.8 dB		

Frequenza	Livello	Frequenza	Livello
10	22.8 dB	630	15.4 dB
12.5	25.3 dB	4000	15.8 dB
16	27.9 dB		
20	24.6 dB		
25	30.5 dB		
31.5	28.1 dB		
40	30.0 dB		
50	32.4 dB		
63	31.4 dB		
80	27.9 dB		
100	25.9 dB		
125	22.7 dB		
160	19.8 dB		
200	16.6 dB		
250	15.8 dB		
500	15.9 dB		



**Figura 8** *Foto Postazione di Misura P8*



**Punto di Misura: P9\_D1**

**Località: Castel del Piano (GR)**

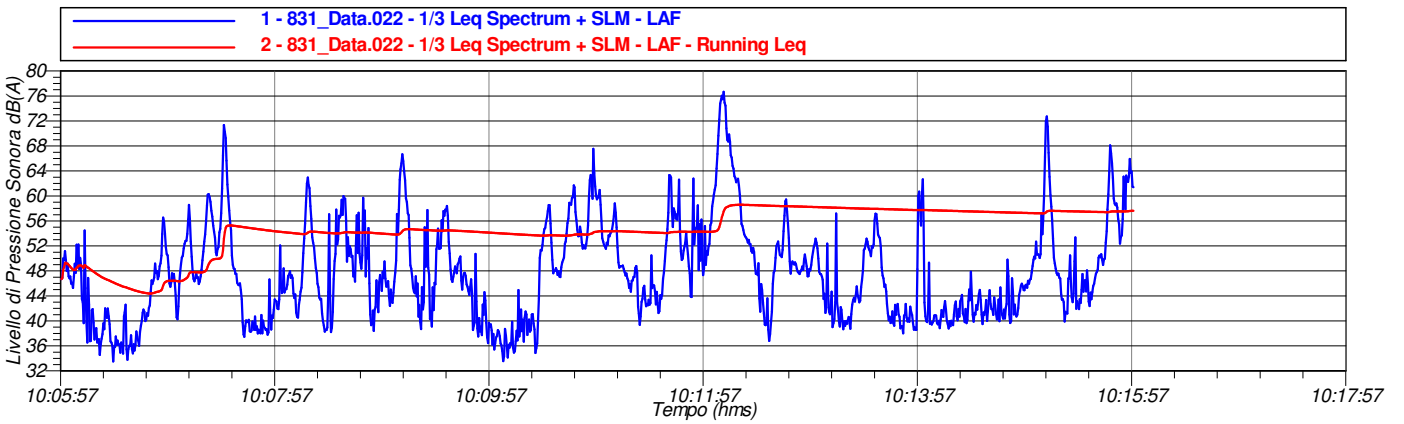
**Data, ora misura: 13/05/2014 10:05:57**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

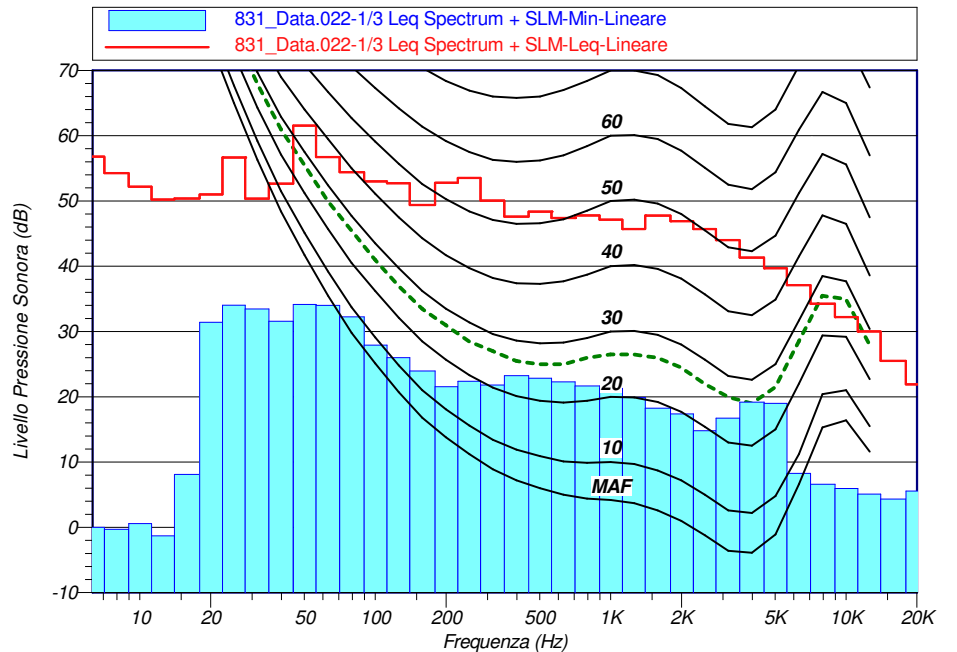
L1: 70.8 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 58.8 dB(A) fast	Totale	10:05:57	00:10:01	57.6
L50: 46.9 dB(A) fast	Non Mascherato	10:05:57	00:10:01	57.6
L90: 38.7 dB(A) fast	Mascherato		00:00:00	0.0
L95: 37.1 dB(A) fast				
L99: 35.2 dB(A) fast				

**Leq (A): 57.6 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	56.8 dB	400	47.6 dB
8	54.3 dB	500	48.4 dB
10	52.2 dB	630	47.4 dB
12.5	50.2 dB	800	47.8 dB
16	50.4 dB	1000	47.1 dB
20	51.0 dB	1250	45.7 dB
25	56.7 dB	1600	47.8 dB
31.5	50.4 dB	2000	46.9 dB
40	52.7 dB	2500	45.7 dB
50	61.5 dB	3150	44.0 dB
63	56.7 dB	4000	41.3 dB
80	54.4 dB	5000	39.7 dB
100	53.0 dB	6300	37.1 dB
125	52.7 dB	8000	34.3 dB
160	49.4 dB	10000	32.2 dB
200	52.8 dB	12500	30.0 dB
250	53.5 dB	16000	25.5 dB
315	50.1 dB	20000	21.9 dB

Frequenza	Livello	Frequenza	Livello
20	31.4 dB	800	21.7 dB
25	34.0 dB	1000	21.3 dB
31.5	33.4 dB	1250	19.9 dB
40	31.6 dB	1600	18.3 dB
50	34.1 dB	2000	17.4 dB
63	34.0 dB	3150	16.7 dB
80	32.3 dB	4000	19.2 dB
100	27.9 dB	5000	19.0 dB
125	26.0 dB		
160	23.9 dB		
200	21.6 dB		
250	22.4 dB		
315	21.8 dB		
400	23.2 dB		
500	22.8 dB		
630	22.3 dB		



**Figura 9 Foto Postazione di Misura P9**



**Punto di Misura: P10\_D1**

**Località: Castel del Piano (GR)**

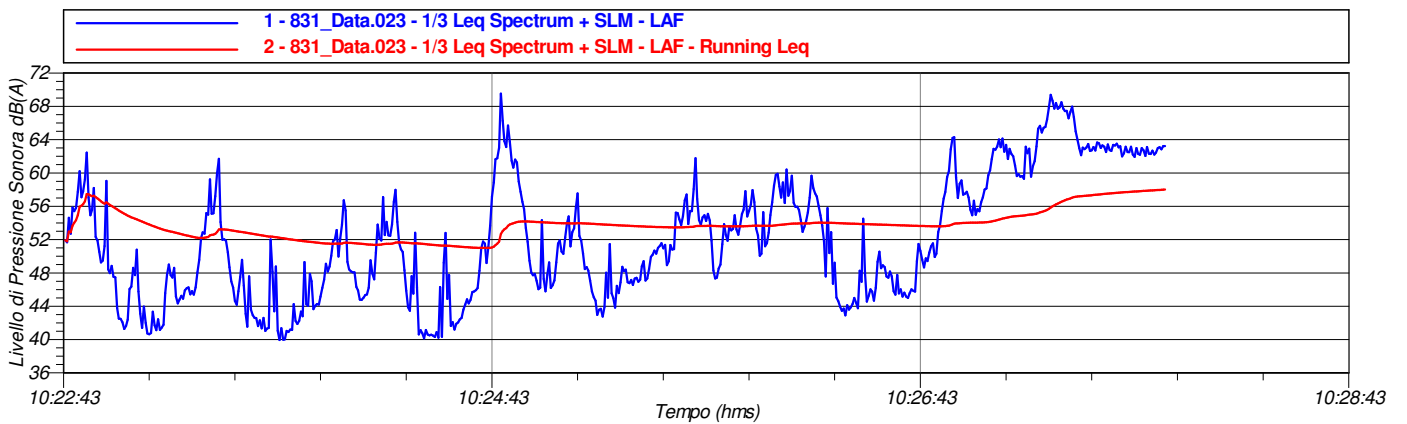
**Data, ora misura: 13/05/2014 10:22:43**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

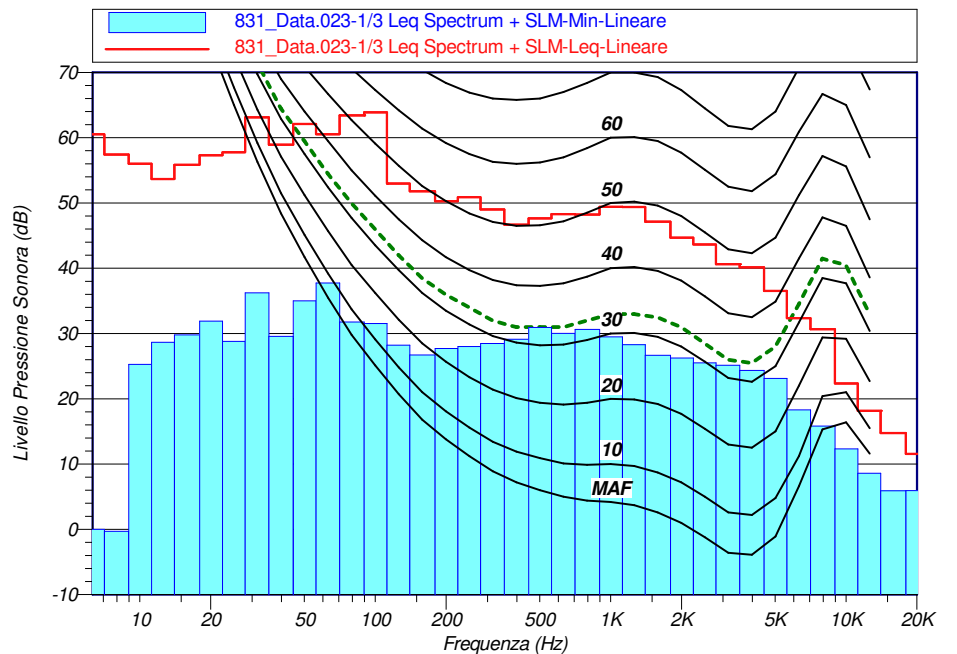
L1: 67.9 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 63.0 dB(A) fast	Totale	10:22:43	00:05:08.500	58.0
L50: 51.2 dB(A) fast	Non Mascherato	10:22:43	00:05:08.500	58.0
L90: 42.9 dB(A) fast	Mascherato		00:00:00	0.0
L95: 41.4 dB(A) fast				
L99: 40.3 dB(A) fast				

**Leq (A): 58.0 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	60.5 dB	400	46.7 dB
8	57.4 dB	500	47.6 dB
10	56.0 dB	630	48.3 dB
12.5	53.7 dB	800	48.2 dB
16	55.8 dB	1000	49.4 dB
20	57.3 dB	1250	49.4 dB
25	57.8 dB	1600	47.1 dB
31.5	63.1 dB	2000	44.7 dB
40	58.9 dB	2500	43.7 dB
50	62.1 dB	3150	40.6 dB
63	60.5 dB	4000	40.2 dB
80	63.4 dB	5000	36.5 dB
100	63.9 dB	6300	32.4 dB
125	53.0 dB	8000	30.7 dB
160	51.8 dB	10000	22.3 dB
200	50.3 dB	12500	18.2 dB
250	50.9 dB		
315	49.0 dB		

Frequenza	Livello	Frequenza	Livello
10	25.3 dB	400	29.1 dB
12.5	28.7 dB	500	30.9 dB
16	29.8 dB	630	30.0 dB
20	31.9 dB	800	30.6 dB
25	28.8 dB	1000	29.5 dB
31.5	36.2 dB	1250	28.3 dB
40	29.6 dB	1600	26.7 dB
50	35.0 dB	2000	26.2 dB
63	37.7 dB	2500	25.5 dB
80	31.8 dB	3150	25.1 dB
100	31.5 dB	4000	24.3 dB
125	28.2 dB	5000	23.1 dB
160	26.7 dB	6300	18.3 dB
200	27.7 dB	8000	15.8 dB
250	28.0 dB		
315	28.5 dB		





**Figura 10** *Foto Postazione di Misura P10*



**Punto di Misura: P11\_D1**

**Località: Castel del Piano (GR)**

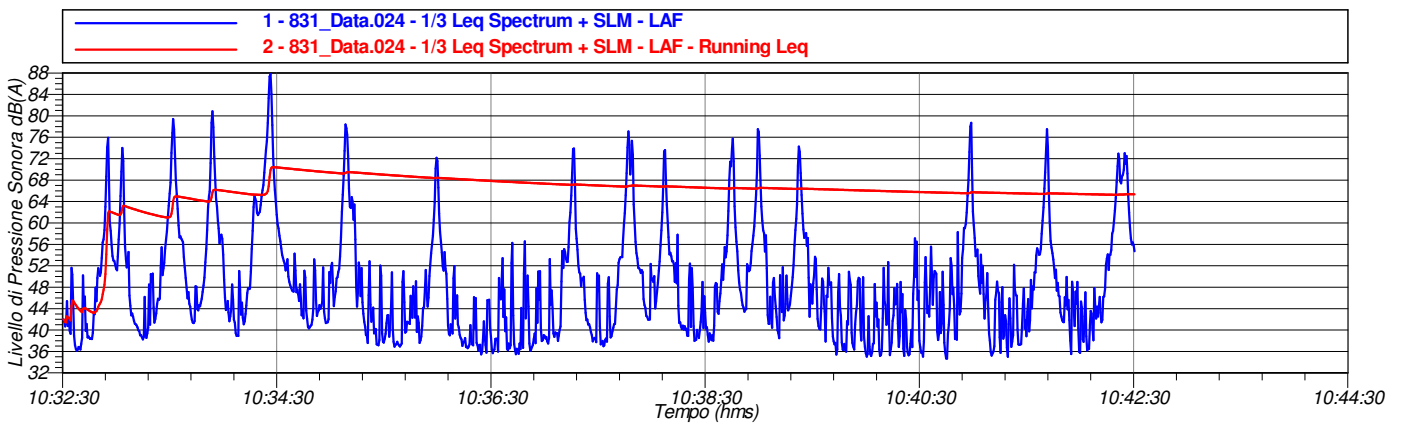
**Data, ora misura: 13/05/2014 10:32:30**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

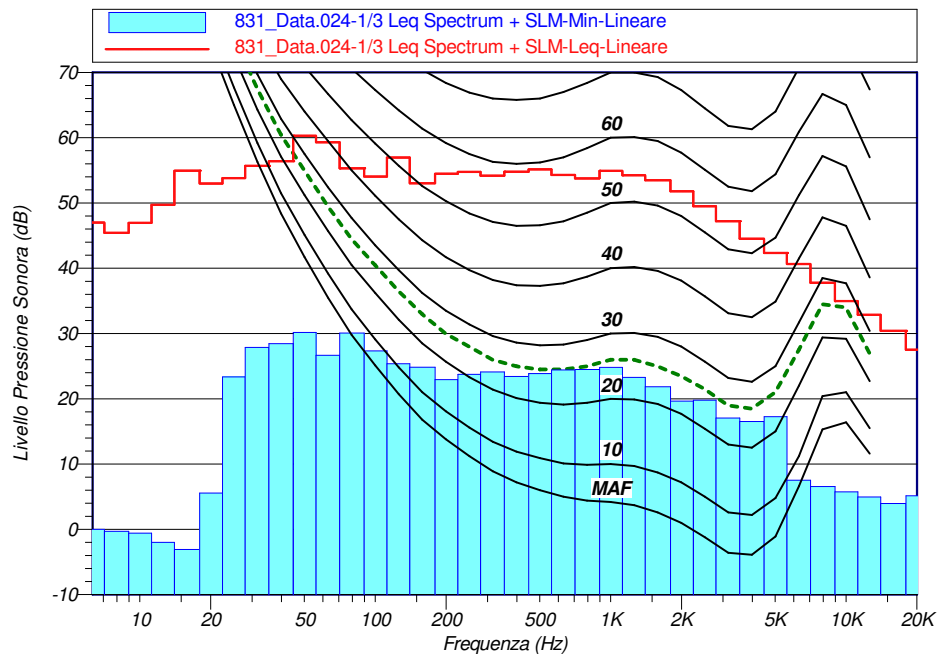
L1: 77.9 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 64.0 dB(A) fast	Totale	10:32:30	00:10:00.500	65.3
L50: 46.2 dB(A) fast	Non Mascherato	10:32:30	00:10:00.500	65.3
L90: 37.5 dB(A) fast	Mascherato		00:00:00	0.0
L95: 36.5 dB(A) fast				
L99: 35.4 dB(A) fast				

**Leq (A): 65.3 dBA**

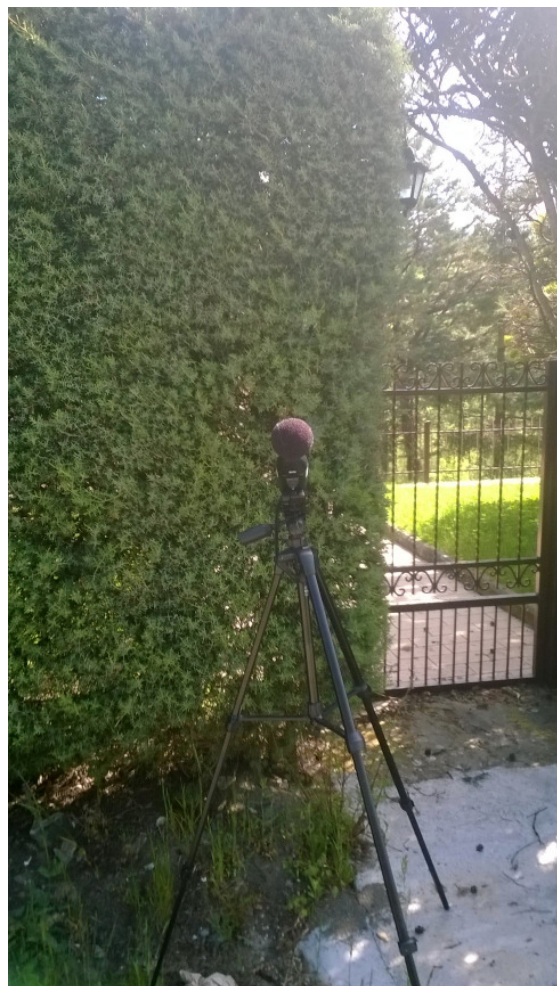


Frequenza	Livello	Frequenza	Livello
6.3	47.0 dB	400	54.8 dB
8	45.4 dB	500	55.1 dB
10	47.0 dB	630	54.3 dB
12.5	49.7 dB	800	53.8 dB
16	55.0 dB	1000	54.9 dB
20	53.0 dB	1250	54.3 dB
25	53.8 dB	1600	53.5 dB
31.5	55.7 dB	2000	51.8 dB
40	56.4 dB	2500	49.5 dB
50	60.3 dB	3150	47.2 dB
63	59.3 dB	4000	44.5 dB
80	55.3 dB	5000	42.3 dB
100	54.0 dB	6300	40.6 dB
125	57.0 dB	8000	37.8 dB
160	53.0 dB	10000	35.0 dB
200	54.5 dB	12500	32.9 dB
250	54.8 dB	16000	30.4 dB
315	54.2 dB	20000	27.5 dB

Frequenza	Livello	Frequenza	Livello
25	23.3 dB	1000	24.8 dB
31.5	27.9 dB	1250	23.3 dB
40	28.4 dB	1600	21.8 dB
50	30.2 dB	2000	19.6 dB
63	26.7 dB	2500	19.8 dB
80	30.1 dB	3150	17.1 dB
100	27.3 dB	4000	16.5 dB
125	25.4 dB	5000	17.3 dB
160	24.8 dB		
200	22.9 dB		
250	23.7 dB		
315	24.1 dB		
400	23.4 dB		
500	23.9 dB		
630	24.4 dB		
800	24.5 dB		



**Figura 11** *Foto Postazione di Misura P11*



**Punto di Misura: P12\_D1**

**Località: Castel del Piano (GR)**

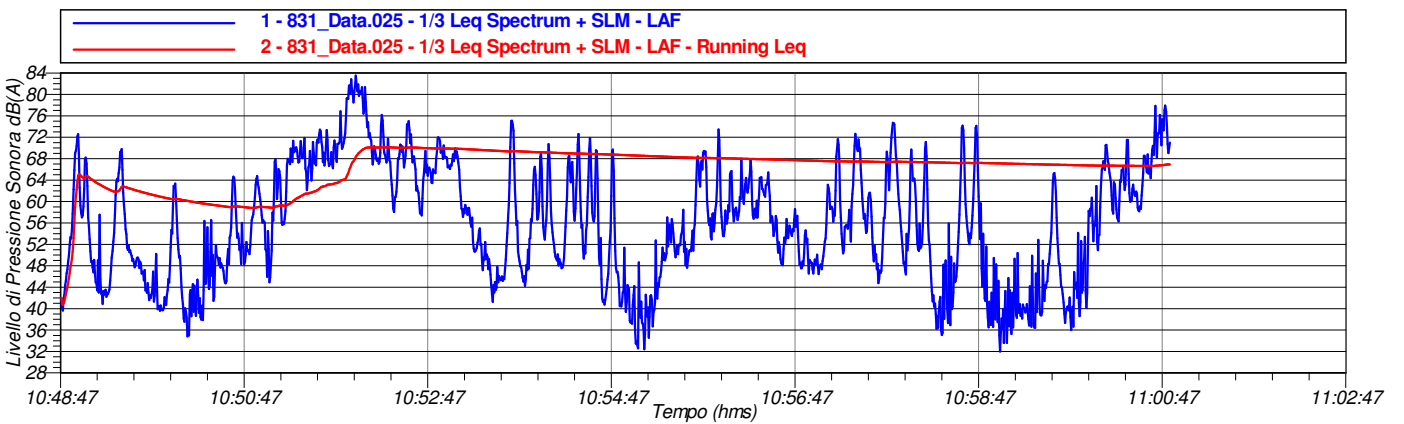
**Data, ora misura: 13/05/2014 10:48:47**

**Operatore: Dott. Lorenzo Magni**

**Strumentazione: Larson Davis 831**

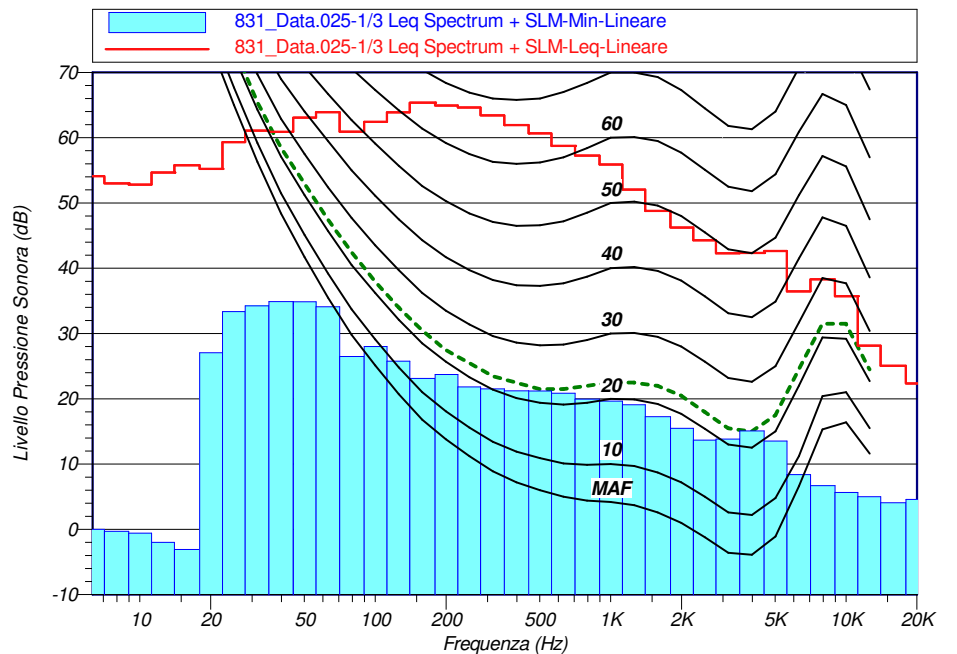
L1: 80.3 dB(A) fast	<b>Nome</b>	<b>Inizio</b>	<b>Durata (hh:mm:ss)</b>	<b>Leq(A)</b>
L10: 70.0 dB(A) fast	Totale	10:48:47	00:12:05	66.9
L50: 55.8 dB(A) fast	Non Mascherato	10:48:47	00:12:05	66.9
L90: 41.1 dB(A) fast	Mascherato		00:00:00	0.0
L95: 38.7 dB(A) fast				
L99: 35.4 dB(A) fast				

**Leq (A): 66.9 dBA**



Frequenza	Livello	Frequenza	Livello
6.3	54.1 dB	400	61.9 dB
8	53.0 dB	500	60.7 dB
10	52.8 dB	630	58.8 dB
12.5	54.7 dB	800	57.3 dB
16	55.8 dB	1000	55.9 dB
20	55.2 dB	1250	52.1 dB
25	59.3 dB	1600	48.8 dB
31.5	61.1 dB	2000	46.2 dB
40	60.9 dB	2500	44.3 dB
50	63.1 dB	3150	42.3 dB
63	63.9 dB	4000	42.4 dB
80	60.9 dB	5000	42.7 dB
100	62.4 dB	6300	36.5 dB
125	63.9 dB	8000	38.3 dB
160	65.4 dB	10000	35.7 dB
200	64.9 dB	12500	28.2 dB
250	64.6 dB	16000	25.1 dB
315	63.4 dB	20000	22.4 dB

Frequenza	Livello	Frequenza	Livello
20	27.0 dB	800	20.0 dB
25	33.4 dB	1000	19.6 dB
31.5	34.2 dB	1250	19.1 dB
40	34.9 dB	1600	17.3 dB
50	34.9 dB	2000	15.5 dB
63	34.1 dB	4000	15.1 dB
80	26.5 dB		
100	28.0 dB		
125	25.8 dB		
160	23.1 dB		
200	23.7 dB		
250	21.8 dB		
315	21.5 dB		
400	21.2 dB		
500	21.2 dB		
630	20.9 dB		



**Figura 12** Foto Postazione di Misura P12

