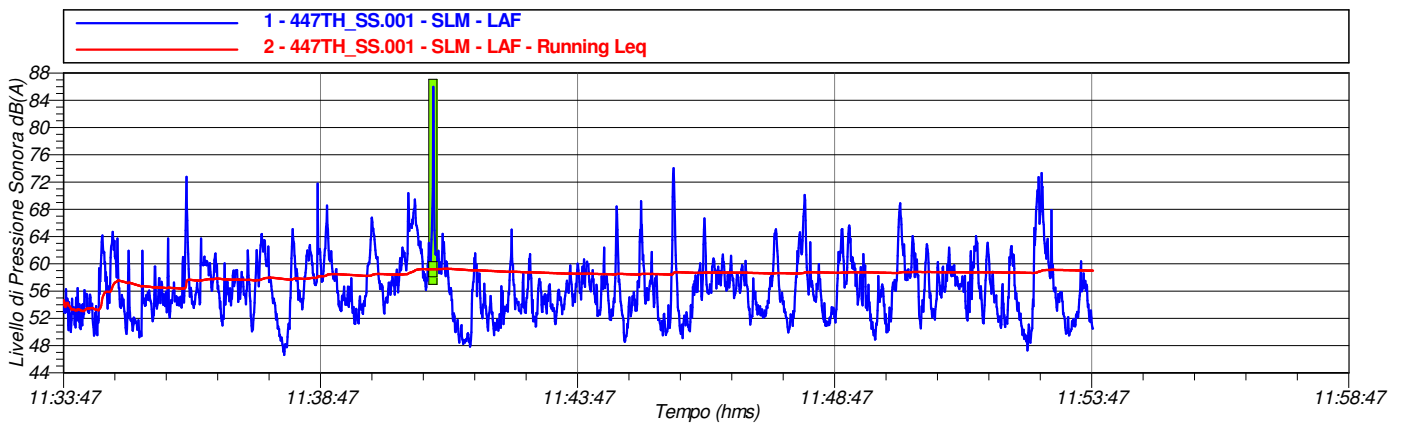


Appendice 4

Schede Tecniche delle Misure Fonometriche e Fotografie delle Postazioni di Misura

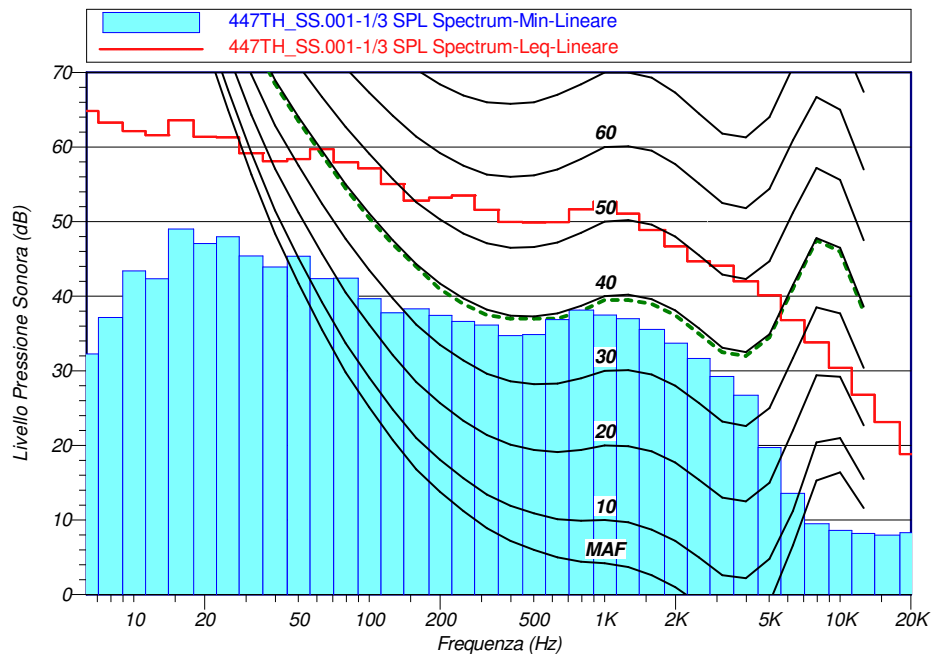
Punto di Misura: P4_D1
Località: San Filippo del Mela (ME)
Data, ora misura: 27/05/2015 11:33:47
Operatore: Dott. Lorenzo Magni
Strumentazione: Larson Davis 831

L1: 71.6 dB(A) fast	Nome	Inizio	Durata (hh:mm:ss)	Leq(A)
L10: 63.6 dB(A) fast	Totale	11:33:47	00:20:01.500	60.1
L50: 57.1 dB(A) fast	Non Mascherato	11:33:47	00:19:52	59.0
L90: 51.9 dB(A) fast	Mascherato	11:40:53	00:00:09.500	74.8
L95: 50.8 dB(A) fast				
L99: 49.1 dB(A) fast	Clacson	11:40:53	00:00:09.500	74.8

Leq (A): 59.0 dBA


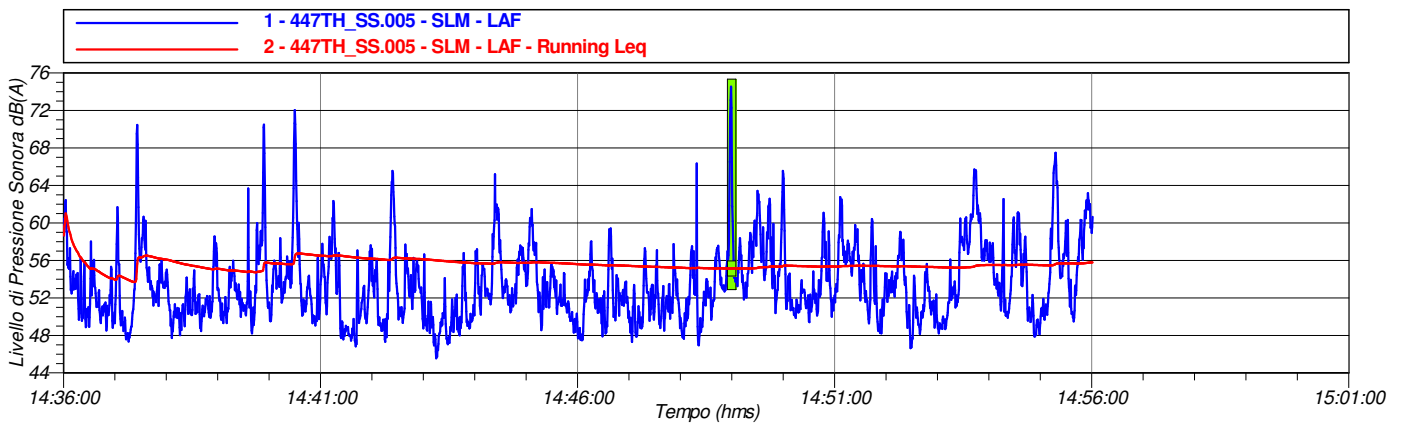
Frequenza	Livello	Frequenza	Livello
6.3	64.8 dB	400	50.0 dB
8	63.3 dB	500	49.9 dB
10	62.1 dB	630	49.9 dB
12.5	61.6 dB	800	51.7 dB
16	63.6 dB	1000	52.7 dB
20	61.4 dB	1250	51.1 dB
25	61.3 dB	1600	48.9 dB
31.5	59.2 dB	2000	46.7 dB
40	58.1 dB	2500	44.7 dB
50	58.4 dB	3150	44.1 dB
63	59.7 dB	4000	42.0 dB
80	58.0 dB	5000	40.1 dB
100	57.2 dB	6300	36.8 dB
125	55.0 dB	8000	33.8 dB
160	52.8 dB	10000	30.4 dB
200	53.2 dB	12500	26.8 dB
250	53.5 dB	16000	23.1 dB
315	51.6 dB	20000	18.8 dB

Frequenza	Livello	Frequenza	Livello
6.3	32.3 dB	250	36.6 dB
8	37.1 dB	315	36.1 dB
10	43.4 dB	400	34.7 dB
12.5	42.3 dB	500	34.9 dB
16	49.0 dB	630	36.9 dB
20	47.1 dB	800	38.1 dB
25	48.0 dB	1000	37.5 dB
31.5	45.4 dB	1250	37.0 dB
40	43.9 dB	1600	35.5 dB
50	45.4 dB	2000	33.7 dB
63	42.4 dB	2500	31.7 dB
80	42.4 dB	3150	29.2 dB
100	39.7 dB	4000	26.7 dB
125	37.8 dB	5000	19.7 dB
160	38.3 dB		
200	37.4 dB		



Punto di Misura: P4_D2
Località: San Filippo del Mela (ME)
Data, ora misura: 27/05/2015 14:36:00
Operatore: Dott. Lorenzo Magni
Strumentazione: Larson Davis 831

L1: 67.9 dB(A) fast	Nome	Inizio	Durata (hh:mm:ss)	Leq(A)
L10: 60.3 dB(A) fast	Totale	14:36:00	00:20:01	56.2
L50: 53.6 dB(A) fast	Non Mascherato	14:36:00	00:19:51	55.8
L90: 49.8 dB(A) fast	Mascherato	14:48:55	00:00:10	66.9
L95: 49.0 dB(A) fast				
L99: 47.8 dB(A) fast	Clacson	14:48:55	00:00:10	66.9

Leq (A): 55.8 dBA


Spettro Livello Equivalente			
Frequenza	Livello	Frequenza	Livello
6.3	63.0 dB	400	46.4 dB
8	61.5 dB	500	46.6 dB
10	60.2 dB	630	47.2 dB
12.5	60.8 dB	800	48.0 dB
16	64.3 dB	1000	48.9 dB
20	61.7 dB	1250	47.1 dB
25	61.5 dB	1600	45.4 dB
31.5	59.7 dB	2000	42.5 dB
40	57.0 dB	2500	40.7 dB
50	58.4 dB	3150	38.3 dB
63	57.8 dB	4000	35.6 dB
80	56.0 dB	5000	32.5 dB
100	53.9 dB	6300	30.5 dB
125	54.0 dB	8000	26.9 dB
160	50.6 dB	10000	24.6 dB
200	51.5 dB	12500	21.4 dB
250	49.4 dB	16000	18.1 dB
315	48.9 dB		

Spettro Livello Minimo			
Frequenza	Livello	Frequenza	Livello
6.3	35.6 dB	250	35.6 dB
8	37.7 dB	315	34.7 dB
10	40.0 dB	400	33.3 dB
12.5	43.0 dB	500	33.7 dB
16	49.0 dB	630	35.9 dB
20	48.2 dB	800	36.9 dB
25	48.5 dB	1000	35.7 dB
31.5	45.2 dB	1250	34.2 dB
40	44.8 dB	1600	34.2 dB
50	46.1 dB	2000	32.3 dB
63	37.8 dB	2500	31.2 dB
80	37.9 dB	3150	29.6 dB
100	38.7 dB	4000	26.9 dB
125	35.4 dB	5000	22.9 dB
160	34.6 dB	6300	18.5 dB
200	36.7 dB		

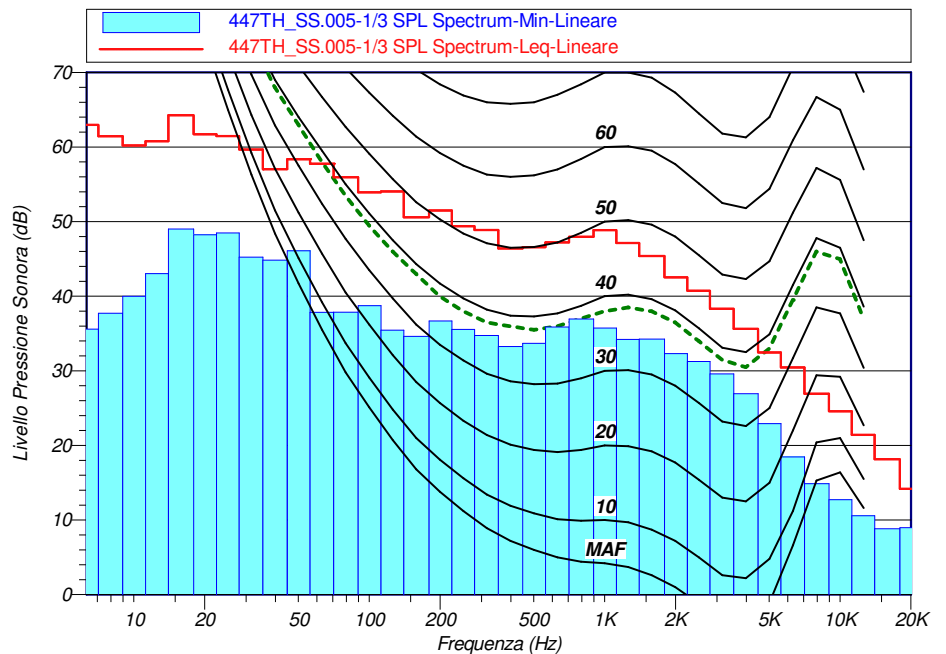
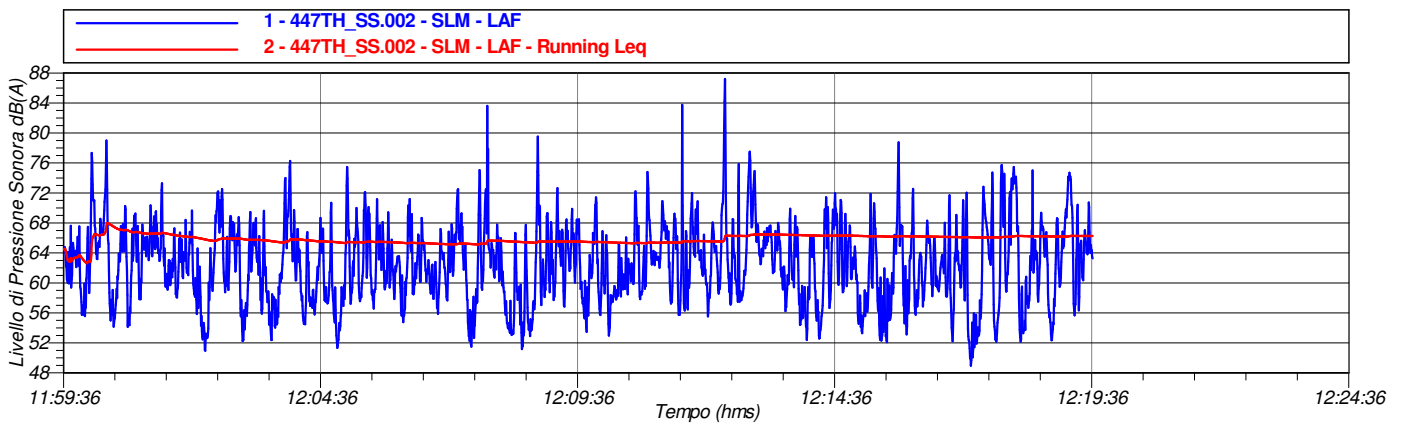


Figura 1 Foto Postazione di Misura P4



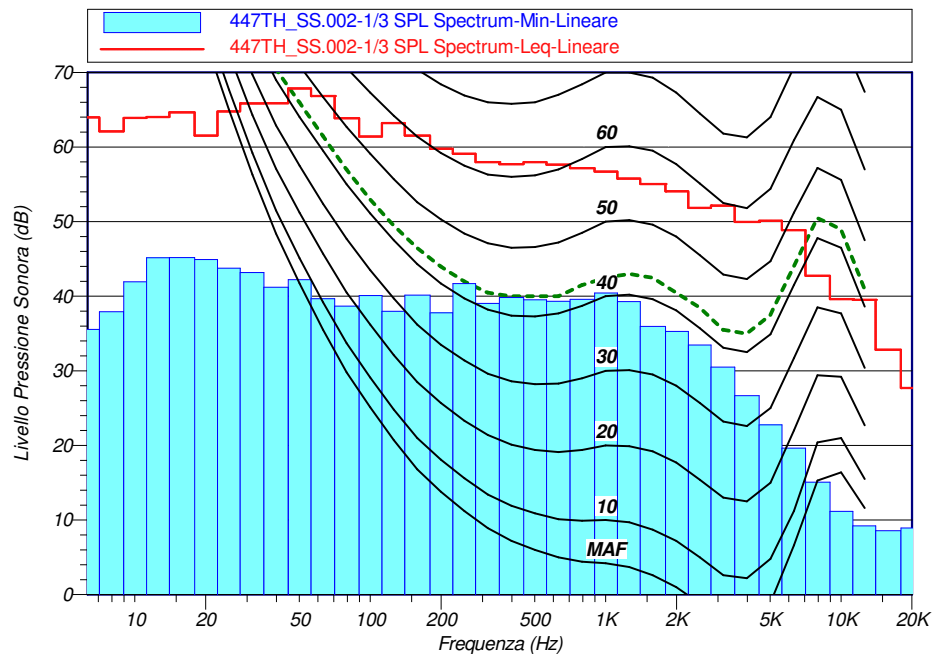
Punto di Misura: P5_D1
Località: San Filippo del Mela (ME)
Data, ora misura: 27/05/2015 11:59:36
Operatore: Dott. Lorenzo Magni
Strumentazione: Larson Davis 831
L1: 80.4 dB(A) fast
L10: 71.6 dB(A) fast
L50: 64.7 dB(A) fast
L90: 58.6 dB(A) fast
L95: 56.8 dB(A) fast
L99: 54.5 dB(A) fast

Nome	Inizio	Durata (hh:mm:ss)	Leq(A)
Totale	11:59:36	00:20:01	66.3
Non Mascherato	11:59:36	00:20:01	66.3
Mascherato		00:00:00	0.0

Leq (A): 66.3 dBA


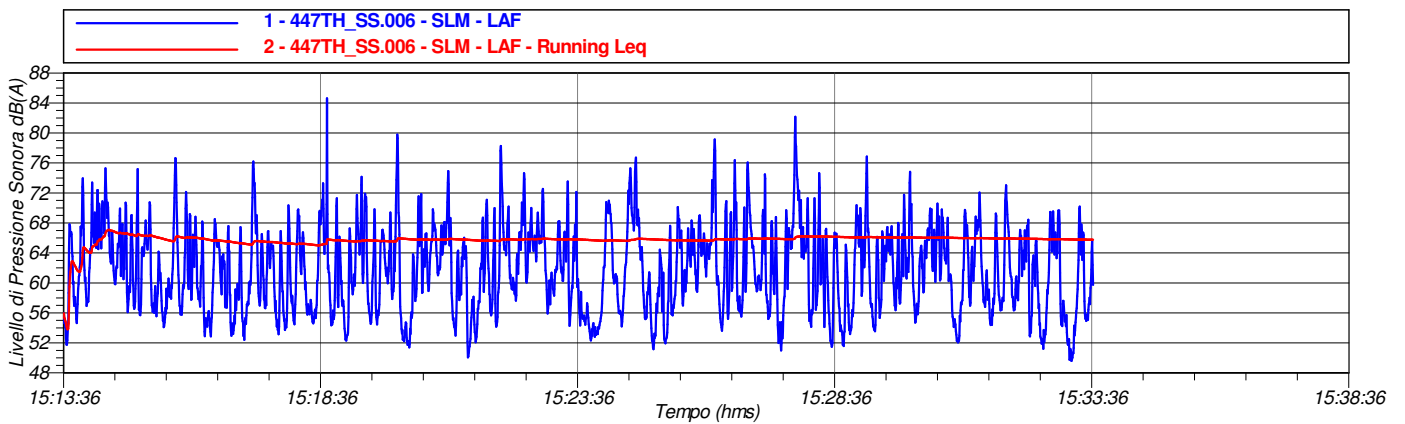
Spettro Livello Equivalente			
Frequenza	Livello	Frequenza	Livello
6.3	64.0 dB	400	57.7 dB
8	62.1 dB	500	58.0 dB
10	63.9 dB	630	57.6 dB
12.5	64.0 dB	800	57.2 dB
16	64.7 dB	1000	56.7 dB
20	61.5 dB	1250	55.8 dB
25	64.8 dB	1600	55.0 dB
31.5	65.9 dB	2000	54.1 dB
40	65.9 dB	2500	51.9 dB
50	67.9 dB	3150	52.1 dB
63	66.9 dB	4000	50.0 dB
80	63.9 dB	5000	50.1 dB
100	61.4 dB	6300	48.9 dB
125	63.2 dB	8000	42.8 dB
160	61.5 dB	10000	39.6 dB
200	59.8 dB	12500	39.5 dB
250	59.1 dB	16000	32.8 dB
315	58.0 dB	20000	27.7 dB

Spettro Livello Minimo			
Frequenza	Livello	Frequenza	Livello
6.3	35.6 dB	250	41.7 dB
8	37.9 dB	315	39.0 dB
10	41.9 dB	400	39.8 dB
12.5	45.2 dB	500	39.5 dB
16	45.2 dB	630	39.3 dB
20	44.9 dB	800	39.6 dB
25	43.8 dB	1000	40.4 dB
31.5	43.2 dB	1250	39.3 dB
40	41.2 dB	1600	35.9 dB
50	42.2 dB	2000	35.3 dB
63	39.7 dB	2500	33.5 dB
80	38.7 dB	3150	30.5 dB
100	40.1 dB	4000	26.7 dB
125	38.0 dB	5000	22.8 dB
160	40.1 dB	6300	19.6 dB
200	37.8 dB	8000	15.1 dB



Punto di Misura: P5_D2
Località: San Filippo del Mela (ME)
Data, ora misura: 27/05/2015 15:13:36
Operatore: Dott. Lorenzo Magni
Strumentazione: Larson Davis 831
L1: 77.4 dB(A) fast
L10: 70.8 dB(A) fast
L50: 64.4 dB(A) fast
L90: 56.0 dB(A) fast
L95: 54.5 dB(A) fast
L99: 52.4 dB(A) fast

Nome	Inizio	Durata (hh:mm:ss)	Leq(A)
Totale	15:13:36	00:20:01.500	65.8
Non Mascherato	15:13:36	00:20:01.500	65.8
Mascherato		00:00:00	0.0

Leq (A): 65.8 dBA


Spettro Livello Equivalente			
Frequenza	Livello	Frequenza	Livello
6.3	61.4 dB	400	57.1 dB
8	60.1 dB	500	57.7 dB
10	63.3 dB	630	57.8 dB
12.5	64.2 dB	800	57.1 dB
16	64.6 dB	1000	56.5 dB
20	61.2 dB	1250	55.6 dB
25	65.4 dB	1600	54.7 dB
31.5	64.7 dB	2000	53.2 dB
40	65.1 dB	2500	51.1 dB
50	70.6 dB	3150	49.2 dB
63	67.3 dB	4000	46.9 dB
80	62.9 dB	5000	43.9 dB
100	60.5 dB	6300	41.8 dB
125	57.8 dB	8000	39.1 dB
160	61.3 dB	10000	36.2 dB
200	63.6 dB	12500	33.4 dB
250	60.7 dB	16000	29.6 dB
315	58.3 dB	20000	24.6 dB

Spettro Livello Minimo			
Frequenza	Livello	Frequenza	Livello
6.3	33.1 dB	250	43.1 dB
8	37.7 dB	315	39.5 dB
10	40.4 dB	400	39.2 dB
12.5	45.1 dB	500	37.6 dB
16	48.2 dB	630	38.1 dB
20	42.2 dB	800	39.6 dB
25	46.0 dB	1000	40.4 dB
31.5	45.2 dB	1250	38.7 dB
40	42.8 dB	1600	37.5 dB
50	46.7 dB	2000	34.8 dB
63	44.3 dB	2500	31.7 dB
80	43.0 dB	3150	29.4 dB
100	40.4 dB	4000	26.9 dB
125	37.4 dB	5000	21.4 dB
160	39.9 dB	6300	17.6 dB
200	43.4 dB		

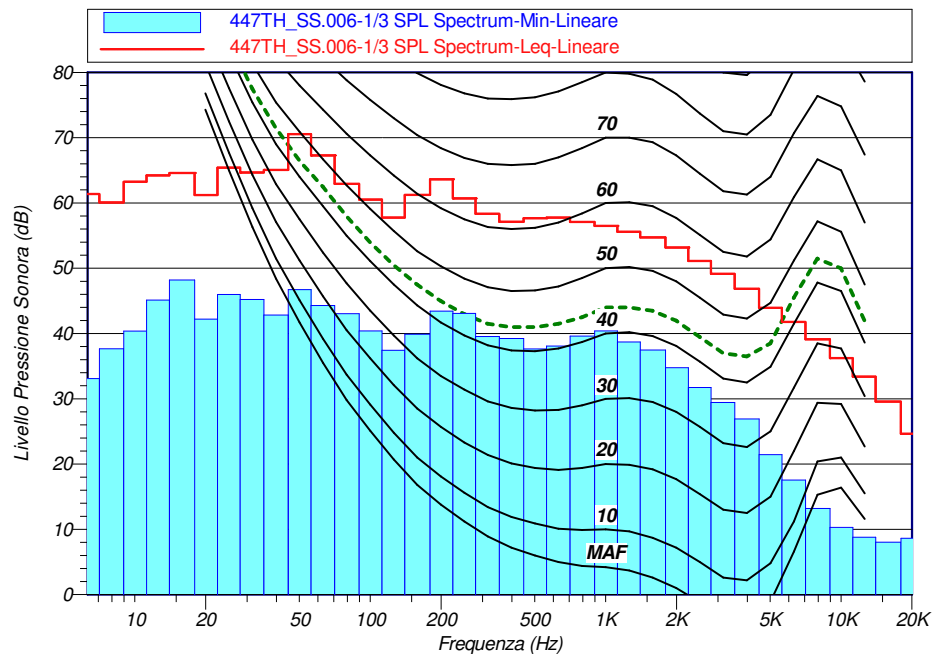
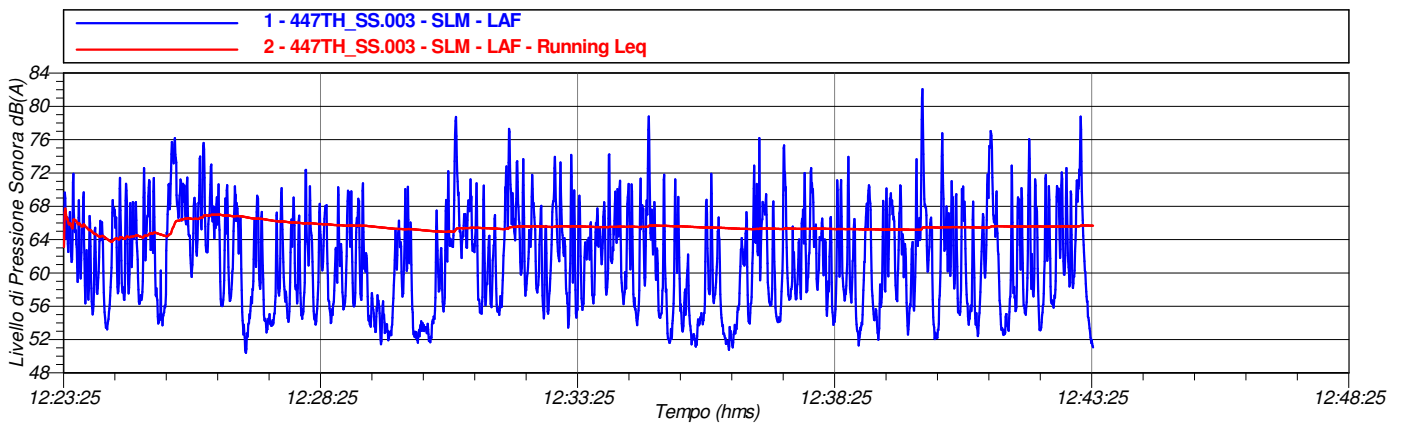


Figura 2 Foto Postazione di Misura P5



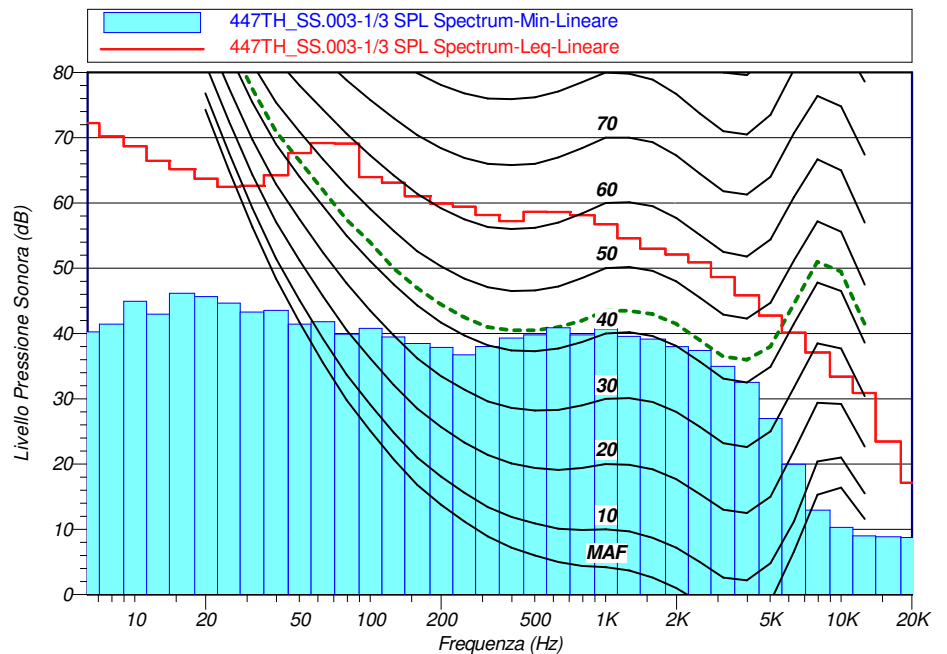
Punto di Misura: P6_D1
Località: San Filippo del Mela (ME)
Data, ora misura: 27/05/2015 12:23:25
Operatore: Dott. Lorenzo Magni
Strumentazione: Larson Davis 831
L1: 77.2 dB(A) fast
L10: 71.2 dB(A) fast
L50: 64.3 dB(A) fast
L90: 54.8 dB(A) fast
L95: 53.5 dB(A) fast
L99: 52.1 dB(A) fast

Nome	Inizio	Durata (hh:mm:ss)	Leq(A)
Totale	12:23:25	00:20:01.500	65.7
Non Mascherato	12:23:25	00:20:01.500	65.7
Mascherato		00:00:00	0.0

Leq (A): 65.7 dBA


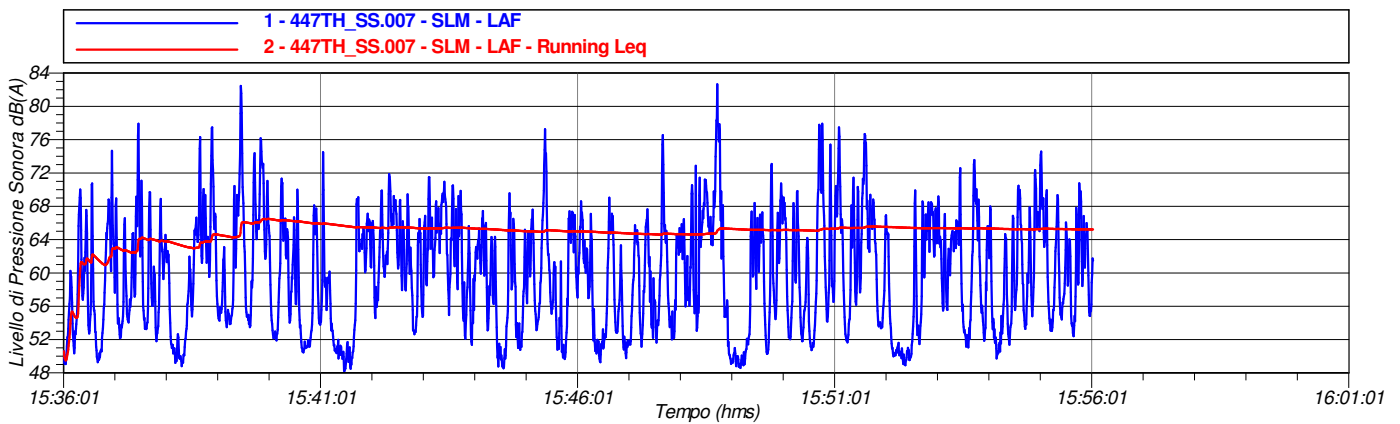
Spettro Livello Equivalente			
Frequenza	Livello	Frequenza	Livello
6.3	72.2 dB	400	57.2 dB
8	70.2 dB	500	58.7 dB
10	68.7 dB	630	58.6 dB
12.5	66.5 dB	800	58.2 dB
16	65.2 dB	1000	56.7 dB
20	63.7 dB	1250	54.6 dB
25	62.5 dB	1600	53.0 dB
31.5	62.6 dB	2000	52.1 dB
40	64.3 dB	2500	50.9 dB
50	67.7 dB	3150	48.7 dB
63	69.2 dB	4000	45.9 dB
80	69.1 dB	5000	42.8 dB
100	64.0 dB	6300	40.1 dB
125	63.1 dB	8000	37.1 dB
160	61.0 dB	10000	33.4 dB
200	59.9 dB	12500	30.9 dB
250	59.4 dB	16000	23.5 dB
315	58.2 dB	20000	17.1 dB

Spettro Livello Minimo			
Frequenza	Livello	Frequenza	Livello
6.3	40.2 dB	250	36.7 dB
8	41.4 dB	315	38.0 dB
10	44.9 dB	400	39.3 dB
12.5	43.0 dB	500	39.8 dB
16	46.2 dB	630	40.9 dB
20	45.7 dB	800	39.8 dB
25	44.7 dB	1000	40.7 dB
31.5	43.3 dB	1250	39.6 dB
40	43.5 dB	1600	39.1 dB
50	41.4 dB	2000	38.0 dB
63	41.8 dB	2500	37.4 dB
80	39.9 dB	3150	35.0 dB
100	40.8 dB	4000	32.5 dB
125	39.5 dB	5000	27.0 dB
160	38.5 dB	6300	20.0 dB
200	37.9 dB		



Punto di Misura: P6_D2
Località: San Filippo del Mela (ME)
Data, ora misura: 27/05/2015 15:36:01
Operatore: Dott. Lorenzo Magni
Strumentazione: Larson Davis 831
L1: 78.1 dB(A) fast
L10: 70.6 dB(A) fast
L50: 62.9 dB(A) fast
L90: 52.2 dB(A) fast
L95: 50.7 dB(A) fast
L99: 49.5 dB(A) fast

Nome	Inizio	Durata (hh:mm:ss)	Leq(A)
Totale	15:36:01	00:20:01.500	65.2
Non Mascherato	15:36:01	00:20:01.500	65.2
Mascherato		00:00:00	0.0

Leq (A): 65.2 dBA


Spettro Livello Equivalente			
Frequenza	Livello	Frequenza	Livello
6.3	67.5 dB	400	58.3 dB
8	65.8 dB	500	58.6 dB
10	65.1 dB	630	57.9 dB
12.5	62.5 dB	800	57.1 dB
16	62.2 dB	1000	55.5 dB
20	61.8 dB	1250	53.6 dB
25	61.4 dB	1600	52.0 dB
31.5	61.6 dB	2000	51.1 dB
40	62.8 dB	2500	49.4 dB
50	70.4 dB	3150	47.7 dB
63	68.9 dB	4000	45.7 dB
80	69.9 dB	5000	43.6 dB
100	61.0 dB	6300	42.0 dB
125	64.0 dB	8000	37.4 dB
160	63.3 dB	10000	33.8 dB
200	60.1 dB	12500	29.9 dB
250	60.9 dB	16000	24.8 dB
315	58.7 dB	20000	19.3 dB

Spettro Livello Minimo			
Frequenza	Livello	Frequenza	Livello
6.3	37.9 dB	250	37.2 dB
8	40.7 dB	315	37.2 dB
10	41.7 dB	400	38.7 dB
12.5	41.6 dB	500	37.2 dB
16	43.0 dB	630	37.6 dB
20	40.3 dB	800	37.8 dB
25	44.2 dB	1000	38.8 dB
31.5	43.9 dB	1250	37.3 dB
40	38.8 dB	1600	36.4 dB
50	43.3 dB	2000	34.4 dB
63	38.8 dB	2500	32.8 dB
80	40.9 dB	3150	31.1 dB
100	41.7 dB	4000	27.7 dB
125	38.4 dB	5000	22.9 dB
160	37.6 dB	6300	17.0 dB
200	36.5 dB		

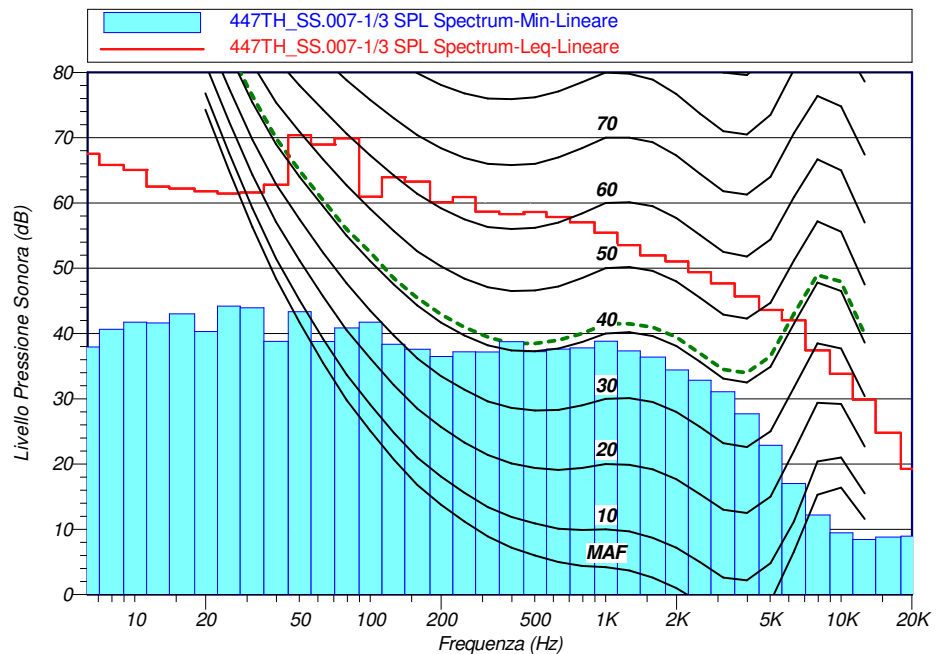
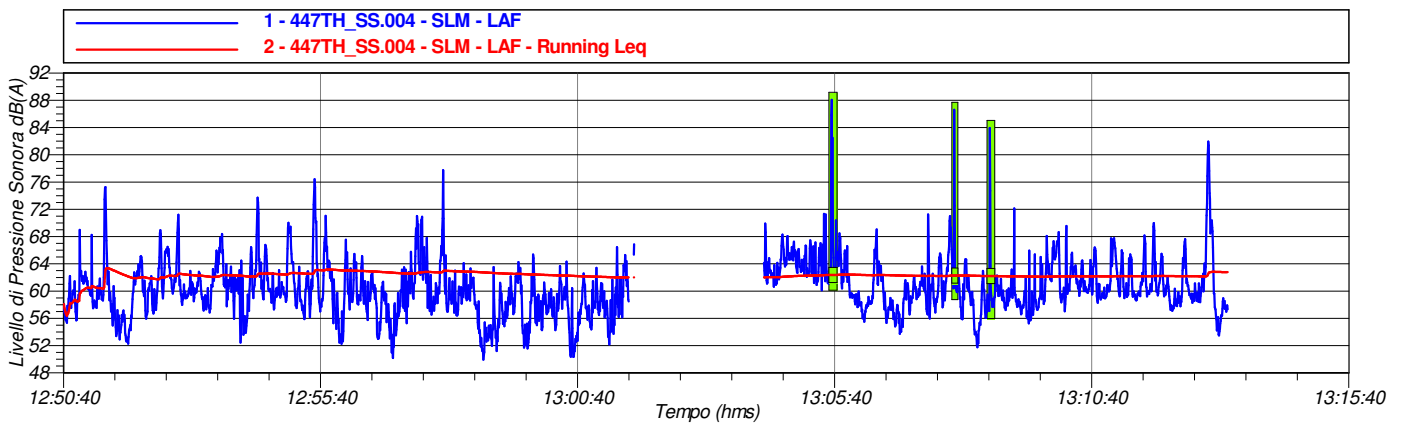


Figura 3 Foto Postazione di Misura P6



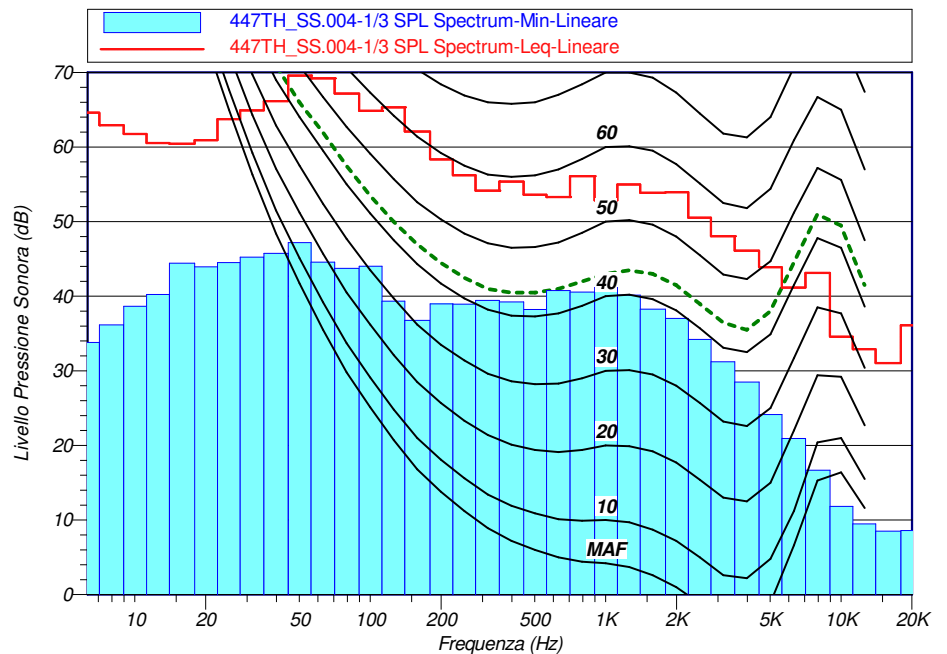
Punto di Misura: P7_D1
Località: San Filippo del Mela (ME)
Data, ora misura: 27/05/2015 12:50:40
Operatore: Dott. Lorenzo Magni
Strumentazione: Larson Davis 831
L1: 75.7 dB(A) fast
L10: 68.3 dB(A) fast
L50: 61.6 dB(A) fast
L90: 57.3 dB(A) fast
L95: 55.8 dB(A) fast
L99: 53.4 dB(A) fast

Nome	Inizio	Durata (hh:mm:ss)	Leq(A)
Totale	12:50:40	00:20:02	64.3
Non Mascherato	12:50:40	00:19:36.500	62.8
Mascherato	13:05:33	00:00:25.500	76.0
Clacson 1	13:05:33	00:00:09.500	78.3
Clacson 3	13:07:57	00:00:07	75.5
Clacson 2	13:08:38	00:00:09	72.0

Leq (A): 62.8 dBA


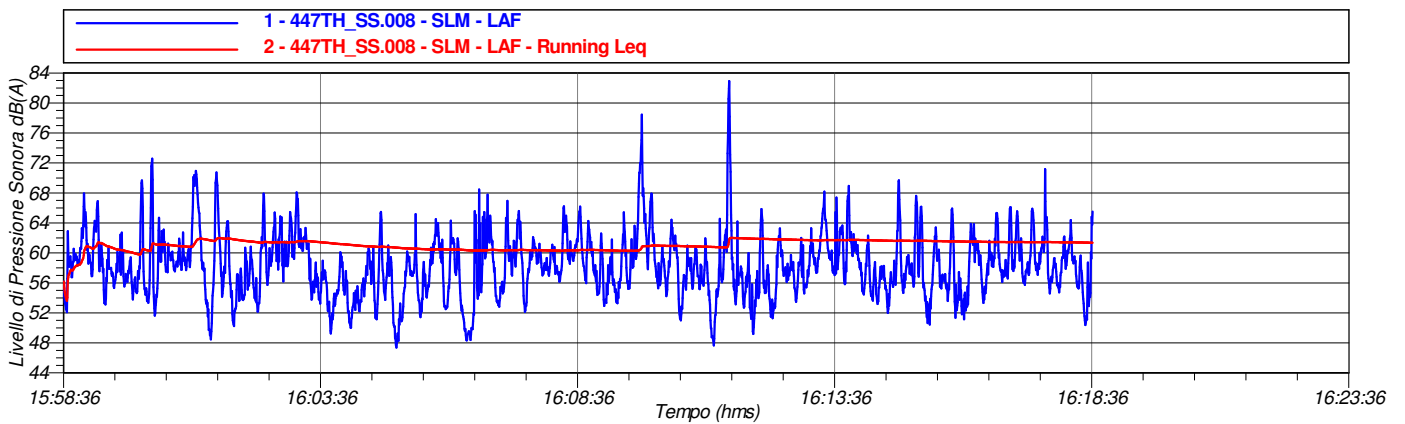
Spettro Livello Equivalente			
Frequenza	Livello	Frequenza	Livello
6.3	64.6 dB	400	55.4 dB
8	62.9 dB	500	53.6 dB
10	61.8 dB	630	53.3 dB
12.5	60.5 dB	800	56.1 dB
16	60.4 dB	1000	52.9 dB
20	60.9 dB	1250	55.0 dB
25	63.8 dB	1600	53.9 dB
31.5	64.9 dB	2000	54.0 dB
40	66.2 dB	2500	50.5 dB
50	69.6 dB	3150	48.1 dB
63	69.2 dB	4000	46.1 dB
80	67.2 dB	5000	43.9 dB
100	64.9 dB	6300	41.2 dB
125	65.3 dB	8000	43.1 dB
160	62.1 dB	10000	34.6 dB
200	58.3 dB	12500	32.9 dB
250	56.2 dB	16000	31.0 dB
315	54.2 dB	20000	36.1 dB

Spettro Livello Minimo			
Frequenza	Livello	Frequenza	Livello
6.3	33.8 dB	250	38.9 dB
8	36.2 dB	315	39.4 dB
10	38.7 dB	400	39.2 dB
12.5	40.2 dB	500	38.2 dB
16	44.4 dB	630	40.8 dB
20	43.9 dB	800	40.6 dB
25	44.5 dB	1000	41.2 dB
31.5	45.2 dB	1250	40.1 dB
40	45.7 dB	1600	38.3 dB
50	47.2 dB	2000	37.0 dB
63	44.6 dB	2500	34.2 dB
80	43.7 dB	3150	31.2 dB
100	44.0 dB	4000	28.5 dB
125	39.3 dB	5000	24.1 dB
160	36.8 dB	6300	20.9 dB
200	39.0 dB	8000	16.7 dB



Punto di Misura: P7_D2
Località: San Filippo del Mela (ME)
Data, ora misura: 27/05/2015 15:58:36
Operatore: Dott. Lorenzo Magni
Strumentazione: Larson Davis 831
L1: 72.8 dB(A) fast
L10: 65.4 dB(A) fast
L50: 59.2 dB(A) fast
L90: 54.4 dB(A) fast
L95: 53.0 dB(A) fast
L99: 49.9 dB(A) fast

Nome	Inizio	Durata (hh:mm:ss)	Leq(A)
Totale	15:58:36	00:20:01	61.4
Non Mascherato	15:58:36	00:20:01	61.4
Mascherato		00:00:00	0.0

Leq (A): 61.4 dBA


Spettro Livello Equivalente			
Frequenza	Livello	Frequenza	Livello
6.3	65.4 dB	400	55.0 dB
8	63.7 dB	500	52.5 dB
10	62.2 dB	630	51.1 dB
12.5	60.4 dB	800	51.3 dB
16	59.3 dB	1000	51.5 dB
20	58.8 dB	1250	51.0 dB
25	60.3 dB	1600	50.3 dB
31.5	61.6 dB	2000	48.4 dB
40	63.5 dB	2500	46.6 dB
50	64.8 dB	3150	46.0 dB
63	65.7 dB	4000	43.8 dB
80	64.5 dB	5000	41.3 dB
100	59.2 dB	6300	37.9 dB
125	56.9 dB	8000	34.2 dB
160	61.4 dB	10000	30.3 dB
200	61.8 dB	12500	28.4 dB
250	53.9 dB	16000	31.2 dB
315	54.1 dB	20000	28.1 dB

Spettro Livello Minimo			
Frequenza	Livello	Frequenza	Livello
6.3	32.7 dB	250	37.1 dB
8	34.1 dB	315	37.7 dB
10	38.5 dB	400	37.3 dB
12.5	39.9 dB	500	37.5 dB
16	42.0 dB	630	36.7 dB
20	44.9 dB	800	37.7 dB
25	44.9 dB	1000	38.5 dB
31.5	44.0 dB	1250	37.5 dB
40	44.6 dB	1600	35.9 dB
50	48.8 dB	2000	33.9 dB
63	43.3 dB	2500	31.2 dB
80	41.4 dB	3150	28.0 dB
100	44.0 dB	4000	24.8 dB
125	41.6 dB	5000	20.1 dB
160	39.3 dB	6300	17.6 dB
200	38.2 dB		

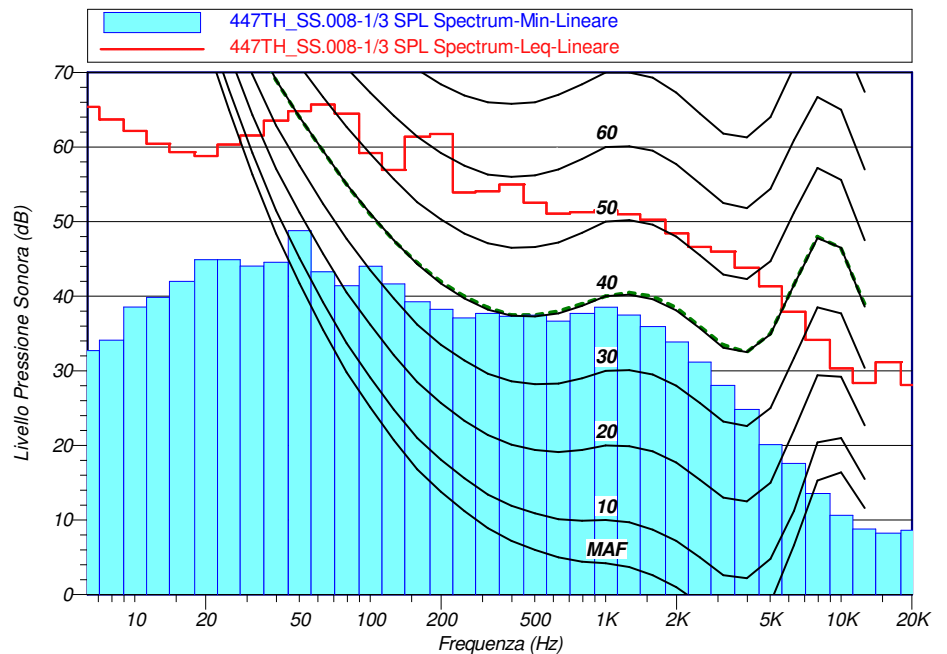


Figura 4 Foto Postazione di Misura P7

