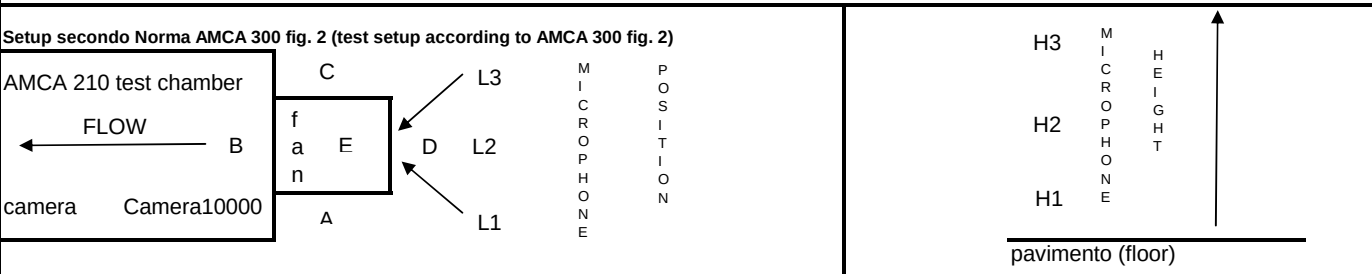
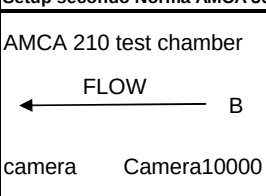


NICOTRA Gebhardt	BRUEL & KJAER Real-time Frequency Analyzer Type 2143 Analizzatore di Frequenza in Tempo Reale Tipo 2143		TEST N.:	S4907.000									
			Data:	11/03/2015									
Ventilatore tipo: DDMP 8/7 Tight		Motore tipo: 1416A0											
Fan type:		Motor type:											
Note: Prova a---230 V 50 Hz---- F.M.W.L													
0													
0													
Setup secondo Norma AMCA 300 fig. 2 (test setup according to AMCA 300 fig. 2)													
AMCA 210 test chamber camera Camera10000													
Disposizione microfono dal vent. (microphone position from fan)		posizione motore / motor set-up: E											
L1 = L2 = 1 m L3 = H1 = H2 = 1.15 m H3 =													
Calcolo del Livello di Pressione Sonora in campo libero secondo AMCA 300 ed ISO 3741 Sound Pressure Level free field calculation according to AMCA 300 and ISO 3741 i valori di rumore con differenze inferiori ai 3 dB fra il livello rilevato e il fondo non sono significativi sound pressure values less than 3dB higher than background noise are not reliable Coefficienti calc. pressione sonora da set n° / Sound pressure f.f. calculation corr. factors from set n°													
											111		
Banda d'ottava (octave band)	Hz	63	125	250	500	1K	2K	4K	8K	16K		A	LIN.
Rumore di fondo (background noise)	dB	54.5	42.3	43.9	38.8	33.2	28.0	26.3	22.2	17.9		40.3	55.2
Corr. calc. press. sonora (s. pressure corr. factor) K		-2.5	-2.0	-0.4	-2.3	-0.7	-1.9	-2.8	-0.8	0.1		-1.8	-1.5
1	[mc/h] 447	Lps dB rilevato(meas.)	69.3	75.0	74.8	70.6	64.0	63.4	59.6	53.8	45.9	72.0	79.4
		Lps dB corretto.(calc.)	66.7	73.0	74.4	68.3	63.3	61.5	56.8	53.0	46.0	71.0	78.0
2	[mc/h] 1047	Lps dB rilevato(meas.)	69.1	74.4	74.7	71.4	64.3	65.1	60.6	55.0	47.3	72.6	79.3
		Lps dB corretto.(calc.)	66.5	72.4	74.3	69.1	63.6	63.2	57.8	54.2	47.4	71.5	77.9
3	[mc/h] 1798	Lps dB rilevato(meas.)	60.4	69.0	71.9	70.7	63.7	65.7	61.2	55.7	49.2	71.9	76.4
		Lps dB corretto.(calc.)	56.6	67.0	71.5	68.4	63.0	63.8	58.4	54.9	49.3	70.7	75.1
4	[mc/h] 2002	Lps dB rilevato(meas.)	60.0	68.0	70.5	70.6	64.5	65.9	62.2	56.8	50.1	72.1	75.9
		Lps dB corretto.(calc.)	56.1	66.0	70.1	68.3	63.8	64.0	59.4	56.0	50.2	70.8	74.4
5	[mc/h] 2326	Lps dB rilevato(meas.)	62.1	68.4	71.9	70.3	65.9	67.5	63.4	57.9	50.9	73.2	76.7
		Lps dB corretto.(calc.)	58.8	66.4	71.5	68.0	65.2	65.6	60.6	57.1	51.0	71.8	75.3
6	[mc/h] 2508	Lps dB rilevato(meas.)	64.2	69.7	71.8	71.1	69.9	67.5	63.6	58.5	51.4	74.5	77.7
		Lps dB corretto.(calc.)	61.2	67.7	71.3	68.8	69.2	65.6	60.8	57.7	51.5	73.2	76.3
7	[mc/h] 2643	Lps dB rilevato(meas.)	63.9	71.7	70.2	68.5	66.8	66.8	63.8	58.6	51.5	72.9	76.7
		Lps dB corretto.(calc.)	60.9	69.7	69.7	66.2	66.1	64.9	61.0	57.8	51.6	71.4	75.2
8	[mc/h] 2773	Lps dB rilevato(meas.)	63.6	68.4	69.1	68.1	68.2	66.7	64.1	59.0	51.4	73.2	75.9
		Lps dB corretto.(calc.)	60.6	66.4	68.7	65.8	67.5	64.8	61.3	58.2	51.5	71.7	74.4
9	[mc/h] 2889	Lps dB rilevato(meas.)	64.4	66.5	68.4	67.3	67.9	66.9	64.4	59.4	51.7	73.0	75.3
		Lps dB corretto.(calc.)	61.5	64.5	68.0	65.0	67.2	65.0	61.6	58.6	51.8	71.5	73.9
10	[mc/h] 2965	Lps dB rilevato(meas.)	64.2	69.3	70.0	67.9	66.9	67.2	64.9	59.9	52.0	73.1	76.1
		Lps dB corretto.(calc.)	61.2	67.3	69.6	65.6	66.2	65.3	62.1	59.1	52.1	71.5	74.7
11	[mc/h] 3045	Lps dB rilevato(meas.)	70.6	74.6	74.9	69.3	68.8	67.6	65.4	60.2	52.4	74.5	79.9
		Lps dB corretto.(calc.)	68.0	72.6	74.5	67.0	68.1	65.7	62.6	59.4	52.5	73.2	78.5
12	[mc/h] 3163	Lps dB rilevato(meas.)	71.5	75.1	76.4	71.0	67.8	67.8	66.0	60.0	52.1	74.8	80.8
		Lps dB corretto.(calc.)	68.9	73.1	76.0	68.7	67.1	65.9	63.2	59.2	52.2	73.7	79.4
Compilato:		Controllato:		Data:									

NICOTRA Gebhardt	BRUEL & KJAER Real-time Frequency Analyzer Type 2143 Analizzatore di Frequenza in Tempo Reale Tipo 2143		TEST N.: S4907.001 Data: 11/03/2015											
	Ventilatore tipo: <u>DDMP 8/7 Tight</u> Motore tipo: <u>1416A0</u>													
	Fan type: Motor type:													
Note: Prova a---230 V 50 Hz---- Segnale costante 7 Vdc 0 0														
Setup secondo Norma AMCA 300 fig. 2 (test setup according to AMCA 300 fig. 2)														
Disposizione microfono dal vent. (microphone position from fan) L1 = L2 = 1 m L3 = H1 = H2 = 1.15 m H3 =			posizione motore / motor set-up: E											
Calcolo del Livello di Pressione Sonora in campo libero secondo AMCA 300 ed ISO 3741 Sound Pressure Level free field calculation according to AMCA 300 and ISO 3741 i valori di rumore con differenze inferiori ai 3 dB fra il livello rilevato e il fondo non sono significativi sound pressure values less than 3dB higher than background noise are not reliable Coefficienti calc. pressione sonora da set n° / Sound pressure f.f. calculation corr. factors from set n°														
											111			
Banda d'ottava (octave band)	Hz		63	125	250	500	1K	2K	4K	8K	16K		A	LIN.
Rumore di fondo (background noise)	dB		53.6	41.7	41.4	35.1	32.9	29.0	25.3	22.3	17.8		38.7	54.3
Corr. calc. press. sonora (s. pressure corr. factor) K			-2.5	-2.0	-0.4	-2.3	-0.7	-1.9	-2.8	-0.8	0.1		-1.8	-1.5
1	[mc/h] 366	Lps dB rilevato(meas.)	68.4	73.7	73.5	69.2	62.7	61.7	58.1	52.1	44.3		70.6	78.2
		Lps dB corretto.(calc.)	65.8	71.7	73.1	66.9	62.0	59.8	55.3	51.3	44.4		69.6	76.7
2	[mc/h] 919	Lps dB rilevato(meas.)	65.7	74.4	72.1	69.4	63.4	62.8	59.0	53.1	45.4		70.9	77.9
		Lps dB corretto.(calc.)	62.9	72.4	71.7	67.1	62.7	60.9	56.2	52.3	45.5		69.6	76.3
3	[mc/h] 1670	Lps dB rilevato(meas.)	60.3	68.6	69.7	68.7	63.7	63.4	59.6	54.0	47.4		70.3	74.9
		Lps dB corretto.(calc.)	56.8	66.6	69.2	66.4	63.0	61.5	56.8	53.2	47.5		69.1	73.4
4	[mc/h] 1879	Lps dB rilevato(meas.)	58.9	66.5	70.0	68.3	64.2	64.4	60.6	55.2	48.6		70.8	74.6
		Lps dB corretto.(calc.)	54.8	64.5	69.6	66.0	63.5	62.5	57.8	54.4	48.7		69.5	73.3
5	[mc/h] 2280	Lps dB rilevato(meas.)	62.1	70.1	71.7	69.2	66.4	66.9	62.8	57.5	50.7		72.8	76.7
		Lps dB corretto.(calc.)	58.9	68.1	71.3	66.9	65.7	65.0	60.0	56.7	50.8		71.4	75.3
6	[mc/h] 2414	Lps dB rilevato(meas.)	65.6	70.1	72.2	69.6	66.8	67.4	63.5	58.3	51.2		73.3	77.2
		Lps dB corretto.(calc.)	62.8	68.1	71.8	67.3	66.1	65.5	60.7	57.4	51.3		71.9	75.8
7	[mc/h] 0	Lps dB rilevato(meas.)	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8		0.0	0.0
		Lps dB corretto.(calc.)	#####	#####	#####	#####	#####	#####	#####	#####	#####		#NUM!	#####
8	[mc/h] 0	Lps dB rilevato(meas.)	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8		0.0	0.0
		Lps dB corretto.(calc.)	#####	#####	#####	#####	#####	#####	#####	#####	#####		#NUM!	#####
9	[mc/h] 0	Lps dB rilevato(meas.)	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8		0.0	0.0
		Lps dB corretto.(calc.)	#####	#####	#####	#####	#####	#####	#####	#####	#####		#NUM!	#####
10	[mc/h] 0	Lps dB rilevato(meas.)	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8		0.0	0.0
		Lps dB corretto.(calc.)	#####	#####	#####	#####	#####	#####	#####	#####	#####		#NUM!	#####
11	[mc/h] 0	Lps dB rilevato(meas.)	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8		0.0	0.0
		Lps dB corretto.(calc.)	#####	#####	#####	#####	#####	#####	#####	#####	#####		#NUM!	#####
12	[mc/h] 0	Lps dB rilevato(meas.)	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8		0.0	0.0
		Lps dB corretto.(calc.)	#####	#####	#####	#####	#####	#####	#####	#####	#####		#NUM!	#####
Compilato:			Controllato:			Data:								

NICOTRA Gebhardt		BRUEL & KJAER Real-time Frequency Analyzer Type 2143 Analizzatore di Frequenza in Tempo Reale Tipo 2143								TEST N.:		S4907.002	
										Data:		11/03/2015	
Ventilatore tipo: DDMP 8/7 Tight Motore tipo: 1416A0													
Fan type: Motor type:													
Note: Prova a---230 V 50 Hz--- Segnale costante 6 Vdc													
0													
0													
Setup secondo Norma AMCA 300 fig. 2 (test setup according to AMCA 300 fig. 2)													
Disposizione microfono dal vent. (microphone position from fan)										posizione motore / motor set-up: E			
L1 = L2 = 1 m L3 = H1 = H2 = 1.15 m H3 =													
Calcolo del Livello di Pressione Sonora in campo libero secondo AMCA 300 ed ISO 3741 Sound Pressure Level free field calculation according to AMCA 300 and ISO 3741 i valori di rumore con differenze inferiori ai 3 dB fra il livello rilevato e il fondo non sono significativi sound pressure values less than 3dB higher than background noise are not reliable													
Coefficienti calc. pressione sonora da set n° / Sound pressure f.f. calculation corr. factors from set n°												111	
Banda d'ottava (octave band)		Hz	63	125	250	500	1K	2K	4K	8K	16K	A	LIN.
Rumore di fondo (background noise)		dB	54.1	39.5	40.2	34.9	30.7	26.6	22.1	22.0	17.8	37.2	54.5
Corr. calc. press. sonora (s. pressure corr. factor) K			-2.5	-2.0	-0.4	-2.3	-0.7	-1.9	-2.8	-0.8	0.1	-1.8	-1.5
1	[mc/h] 227	Lps dB rilevato(meas.)	68.7	72.2	70.0	65.8	60.0	58.5	55.0	48.3	42.3	67.6	76.0
		Lps dB corretto.(calc.)	66.0	70.2	69.6	63.5	59.3	56.6	52.2	47.5	42.4	66.4	74.4
2	[mc/h] 988	Lps dB rilevato(meas.)	65.1	72.1	70.6	67.5	60.2	59.6	55.7	48.3	42.0	68.5	75.9
		Lps dB corretto.(calc.)	62.2	70.1	70.2	65.2	59.5	57.7	52.9	47.5	42.1	67.3	74.4
3	[mc/h] 1425	Lps dB rilevato(meas.)	60.1	67.8	68.3	65.8	60.0	59.6	56.1	50.3	44.2	67.3	73.0
		Lps dB corretto.(calc.)	56.3	65.8	67.9	63.5	59.3	57.7	53.3	49.5	44.3	66.1	71.6
4	[mc/h] 1702	Lps dB rilevato(meas.)	58.9	66.9	68.4	65.3	61.5	61.0	57.4	51.9	45.9	68.0	72.9
		Lps dB corretto.(calc.)	54.6	64.9	68.0	63.0	60.8	59.1	54.6	51.1	46.0	66.7	71.5
5	[mc/h] 1940	Lps dB rilevato(meas.)	60.0	68.8	68.8	66.3	63.0	62.7	59.4	54.0	47.7	69.3	74.0
		Lps dB corretto.(calc.)	56.3	66.7	68.4	64.0	62.3	60.8	56.6	53.2	47.8	68.0	72.6
6	[mc/h] 2309	Lps dB rilevato(meas.)	61.2	69.6	68.5	67.1	64.8	64.5	61.4	56.2	49.6	70.8	74.8
		Lps dB corretto.(calc.)	57.7	67.6	68.1	64.8	64.1	62.6	58.6	55.4	49.7	69.4	73.3
7	[mc/h] 2587	Lps dB rilevato(meas.)	63.5	71.6	69.1	67.4	66.7	66.0	63.0	58.0	50.9	72.3	76.2
		Lps dB corretto.(calc.)	60.4	69.6	68.7	65.1	66.0	64.1	60.2	57.2	51.0	70.8	74.7
8	[mc/h] 2764	Lps dB rilevato(meas.)	63.6	68.4	69.0	68.0	68.9	66.7	64.0	58.9	51.4	73.4	75.9
		Lps dB corretto.(calc.)	60.6	66.4	68.6	65.7	68.2	64.8	61.2	58.1	51.5	71.9	74.5
9	[mc/h] 0	Lps dB rilevato(meas.)	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	0.0	0.0
		Lps dB corretto.(calc.)	#####	#####	#####	#####	#####	#####	#####	#####	#####	#NUM!	#####
10	[mc/h] 0	Lps dB rilevato(meas.)	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	0.0	0.0
		Lps dB corretto.(calc.)	#####	#####	#####	#####	#####	#####	#####	#####	#####	#NUM!	#####
11	[mc/h] 0	Lps dB rilevato(meas.)	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	0.0	0.0
		Lps dB corretto.(calc.)	#####	#####	#####	#####	#####	#####	#####	#####	#####	#NUM!	#####
12	[mc/h] 0	Lps dB rilevato(meas.)	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	0.0	0.0
		Lps dB corretto.(calc.)	#####	#####	#####	#####	#####	#####	#####	#####	#####	#NUM!	#####
Compilato:			Controllato:					Data:					

NICOTRA Gebhardt	BRUEL & KJAER Real-time Frequency Analyzer Type 2143 Analizzatore di Frequenza in Tempo Reale Tipo 2143		TEST N.: S4907.003 Data: 11/03/2015										
	Ventilatore tipo: <u>DDMP 8/7 Tight</u> Motore tipo: <u>1416A0</u>												
	Fan type: Motor type:												
Note: Prova a---230 V 50 Hz---- Segnale costante 5 Vdc 0 0													
Setup secondo Norma AMCA 300 fig. 2 (test setup according to AMCA 300 fig. 2)													
AMCA 210 test chamber camera Camera10000 			Disposizione microfono dal vent. (microphone position from fan) L1 = L2 = 1 m L3 = H1 = H2 = 1.15 m H3 =										
			posizione motore / motor set-up: E										
Calcolo del Livello di Pressione Sonora in campo libero secondo AMCA 300 ed ISO 3741 Sound Pressure Level free field calculation according to AMCA 300 and ISO 3741 i valori di rumore con differenze inferiori ai 3 dB fra il livello rilevato e il fondo non sono significativi sound pressure values less than 3dB higher than background noise are not reliable Coefficienti calc. pressione sonora da set n° / Sound pressure f.f. calculation corr. factors from set n°													
											111		
Banda d'ottava (octave band)	Hz	63	125	250	500	1K	2K	4K	8K	16K		A	LIN.
Rumore di fondo (background noise)	dB	56.0	45.8	44.2	38.6	33.1	28.0	25.1	21.8	17.7		40.5	56.8
Corr. calc. press. sonora (s. pressure corr. factor) K		-2.5	-2.0	-0.4	-2.3	-0.7	-1.9	-2.8	-0.8	0.1		-1.8	-1.5
1	[mc/h] 207	Lps dB rilevato(meas.)	63.0	68.5	66.7	62.1	56.5	54.8	50.7	43.2	38.3	63.9	72.1
		Lps dB corretto.(calc.)	59.5	66.5	66.2	59.7	55.8	52.9	47.9	42.4	38.4	62.8	70.5
2	[mc/h] 665	Lps dB rilevato(meas.)	64.2	68.5	67.5	64.5	57.3	56.2	51.7	43.8	38.6	65.3	72.8
		Lps dB corretto.(calc.)	61.0	66.4	67.1	62.2	56.6	54.3	48.9	42.9	38.6	64.1	71.2
3	[mc/h] 1272	Lps dB rilevato(meas.)	59.4	65.5	66.1	62.2	57.1	56.3	52.5	46.2	39.4	64.1	70.5
		Lps dB corretto.(calc.)	54.3	63.4	65.6	59.9	56.4	54.4	49.7	45.4	39.5	63.0	69.0
4	[mc/h] 1464	Lps dB rilevato(meas.)	57.4	65.5	65.8	61.6	58.8	57.6	53.9	47.9	40.7	64.8	70.4
		Lps dB corretto.(calc.)	49.2	63.5	65.4	59.3	58.1	55.7	51.0	47.1	40.8	63.6	69.0
5	[mc/h] 1755	Lps dB rilevato(meas.)	57.1	64.8	65.7	62.8	61.9	59.8	56.0	50.5	43.1	66.7	70.9
		Lps dB corretto.(calc.)	48.4	62.8	65.3	60.5	61.2	57.9	53.2	49.7	43.2	65.4	69.4
6	[mc/h] 1951	Lps dB rilevato(meas.)	58.3	65.4	66.1	64.1	62.7	60.9	57.5	52.0	44.7	67.8	71.7
		Lps dB corretto.(calc.)	52.1	63.3	65.7	61.8	62.0	59.0	54.7	51.2	44.8	66.5	70.2
7	[mc/h] 2247	Lps dB rilevato(meas.)	59.8	64.9	66.7	65.3	64.2	62.7	59.7	54.2	46.9	69.3	72.5
		Lps dB corretto.(calc.)	55.0	62.8	66.3	63.0	63.5	60.8	56.9	53.4	47.0	67.9	71.0
8	[mc/h] 2565	Lps dB rilevato(meas.)	61.9	67.3	67.5	66.1	67.9	64.7	62.3	56.9	49.3	71.8	74.5
		Lps dB corretto.(calc.)	58.1	65.3	67.1	63.8	67.2	62.8	59.5	56.1	49.4	70.5	73.0
9	[mc/h] 2860	Lps dB rilevato(meas.)	62.1	66.5	68.2	66.6	69.0	66.4	64.2	59.0	51.4	73.1	75.2
		Lps dB corretto.(calc.)	58.3	64.5	67.8	64.3	68.3	64.5	61.4	58.2	51.5	71.7	73.8
10	[mc/h] 2944	Lps dB rilevato(meas.)	63.8	66.9	69.7	66.9	66.9	67.2	64.9	59.6	52.0	73.0	75.5
		Lps dB corretto.(calc.)	60.5	64.9	69.3	64.6	66.2	65.3	62.1	58.8	52.1	71.4	74.1
11	[mc/h] 0	Lps dB rilevato(meas.)	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	0.0	0.0
		Lps dB corretto.(calc.)	#####	#####	#####	#####	#####	#####	#####	#####	#####	#NUM!	#####
12	[mc/h] 0	Lps dB rilevato(meas.)	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	0.0	0.0
		Lps dB corretto.(calc.)	#####	#####	#####	#####	#####	#####	#####	#####	#####	#NUM!	#####
Compilato:			Controllato:			Data:							

NICOTRA Gebhardt		BRUEL & KJAER Real-time Frequency Analyzer Type 2143 Analizzatore di Frequenza in Tempo Reale Tipo 2143								TEST N.: S4907.004			
										Data: 11/03/2015			
Ventilatore tipo: <u>DDMP 8/7 Tight</u> Motore tipo: <u>1416A0</u>													
Fan type: Motor type:													
Note: Prova a---230 V 50 Hz--- Segnale costante 4 Vdc													
0													
0													
Setup secondo Norma AMCA 300 fig. 2 (test setup according to AMCA 300 fig. 2)													
													
Disposizione microfono dal vent. (microphone position from fan)						posizione motore / motor set-up: E							
L1 = L2 = 1 m L3 =													
H1 = H2 = 1.15 m H3 =													
Calcolo del Livello di Pressione Sonora in campo libero secondo AMCA 300 ed ISO 3741 Sound Pressure Level free field calculation according to AMCA 300 and ISO 3741 i valori di rumore con differenze inferiori ai 3 dB fra il livello rilevato e il fondo non sono significativi sound pressure values less than 3dB higher than background noise are not reliable													
Coefficienti calc. pressione sonora da set n° / Sound pressure f.f. calculation corr. factors from set n°											111		
Banda d'ottava (octave band)		Hz	63	125	250	500	1K	2K	4K	8K	16K	A	LIN.
Rumore di fondo (background noise)		dB	53.9	44.2	41.6	36.4	32.4	28.6	25.8	22.6	17.8	39.1	54.6
Corr. calc. press. sonora (s. pressure corr. factor) K			-2.5	-2.0	-0.4	-2.3	-0.7	-1.9	-2.8	-0.8	0.1	-1.8	-1.5
1	[mc/h] 347	Lps dB rilevato(meas.)	60.5	63.5	62.6	58.8	54.3	50.9	45.8	37.9	34.3	60.4	68.0
		Lps dB corretto.(calc.)	56.9	61.4	62.1	56.4	53.6	49.0	42.9	37.0	34.3	59.3	66.3
2	[mc/h] 592	Lps dB rilevato(meas.)	61.2	65.4	64.0	59.9	55.1	51.8	46.5	37.8	34.8	61.5	69.5
		Lps dB corretto.(calc.)	57.8	63.4	63.6	57.6	54.4	49.8	43.7	36.8	34.8	60.4	67.8
3	[mc/h] 1099	Lps dB rilevato(meas.)	56.8	62.3	62.4	58.4	55.4	53.0	48.2	40.6	35.1	60.9	67.2
		Lps dB corretto.(calc.)	51.3	60.2	62.0	56.1	54.7	51.0	45.3	39.7	35.1	59.8	65.6
4	[mc/h] 1217	Lps dB rilevato(meas.)	56.2	61.5	62.3	58.5	56.0	53.8	49.3	42.3	35.9	61.4	67.0
		Lps dB corretto.(calc.)	49.8	59.4	61.9	56.2	55.3	51.9	46.4	41.5	35.9	60.2	65.4
5	[mc/h] 1465	Lps dB rilevato(meas.)	55.7	61.2	61.8	59.8	59.2	55.5	51.5	45.3	38.1	63.2	67.4
		Lps dB corretto.(calc.)	48.7	59.1	61.3	57.5	58.5	53.5	48.6	44.4	38.1	62.0	65.8
6	[mc/h] 1713	Lps dB rilevato(meas.)	57.8	62.0	62.5	60.9	62.1	57.8	54.1	48.3	40.8	65.5	68.9
		Lps dB corretto.(calc.)	53.1	59.9	62.1	58.6	61.3	55.9	51.3	47.5	40.9	64.3	67.4
7	[mc/h] 1904	Lps dB rilevato(meas.)	57.9	60.0	62.4	62.2	63.1	59.1	55.8	49.9	42.6	66.6	69.2
		Lps dB corretto.(calc.)	53.2	57.9	62.0	59.9	62.4	57.2	53.0	49.1	42.7	65.4	67.7
8	[mc/h] 2155	Lps dB rilevato(meas.)	59.8	62.0	63.1	62.7	65.7	61.1	58.3	52.4	45.0	68.7	70.9
		Lps dB corretto.(calc.)	56.0	59.9	62.6	60.4	65.0	59.2	55.5	51.6	45.1	67.5	69.5
9	[mc/h] 2434	Lps dB rilevato(meas.)	59.5	64.4	65.4	64.3	66.5	63.2	60.6	54.8	47.2	70.2	72.5
		Lps dB corretto.(calc.)	55.7	62.4	65.0	62.0	65.8	61.3	57.8	54.0	47.3	68.9	71.1
10	[mc/h] 2587	Lps dB rilevato(meas.)	62.4	64.7	67.7	65.7	67.4	64.8	62.2	56.4	48.8	71.5	74.0
		Lps dB corretto.(calc.)											

NICOTRA Gebhardt		BRUEL & KJAER										TEST N.: S4907.005	
		Real-time Frequency Analyzer Type 2143										Data: 11/03/2015	
		Analizzatore di Frequenza in Tempo Reale Tipo 2143											
Ventilatore tipo: DDMP 8/7 Tight Motore tipo: 1416A0													
Fan type: Motor type:													
Note: Prova a---230 V 50 Hz---- Segnale costante 3 Vdc													
0													
0													
Setup secondo Norma AMCA 300 fig. 2 (test setup according to AMCA 300 fig. 2)													
Disposizione microfono dal vent. (microphone position from fan)										posizione motore / motor set-up: E			
L1 = L2 = 1 m L3 =													
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Calcolo del Livello di Pressione Sonora in campo libero secondo AMCA 300 ed ISO 3741													
Sound Pressure Level free field calculation according to AMCA 300 and ISO 3741													
i valori di rumore con differenze inferiori ai 3 dB fra il livello rilevato e il fondo non sono significativi													
sound pressure values less than 3dB higher than background noise are not reliable													
Coefficienti calc. pressione sonora da set n° / Sound pressure f.f. calculation corr. factors from set n°												111	
Banda d'ottava (octave band)		Hz	63	125	250	500	1K	2K	4K	8K	16K	A	LIN.
Rumore di fondo (background noise)		dB	53.1	40.0	40.0	35.1	32.2	27.7	24.0	21.9	17.8	37.9	53.7
Corr. calc. press. sonora (s. pressure corr. factor) K			-2.5	-2.0	-0.4	-2.3	-0.7	-1.9	-2.8	-0.8	0.1	-1.8	-1.5
1	[mc/h] 248	Lps dB rilevato(meas.)	57.9	60.0	57.7	54.8	49.7	46.3	40.2	31.3	29.3	56.0	64.2
		Lps dB corretto.(calc.)	53.6	57.9	57.2	52.5	48.9	44.3	37.3	30.0	29.1	54.8	62.2
2	[mc/h] 450	Lps dB rilevato(meas.)	58.1	60.4	58.5	55.0	49.9	46.6	40.2	30.9	29.6	56.3	64.7
		Lps dB corretto.(calc.)	53.9	58.4	58.1	52.7	49.1	44.6	37.3	29.5	29.4	55.2	62.7
3	[mc/h] 888	Lps dB rilevato(meas.)	55.0	57.5	57.8	53.2	50.8	48.0	42.1	32.8	29.7	55.9	62.8
		Lps dB corretto.(calc.)	47.9	55.4	57.3	50.8	50.1	46.1	39.2	31.7	29.5	54.9	60.9
4	[mc/h] 993	Lps dB rilevato(meas.)	54.8	56.6	57.0	53.7	51.8	48.9	43.3	34.6	30.1	56.5	62.4
		Lps dB corretto.(calc.)	47.5	54.5	56.5	51.3	51.1	47.0	40.4	33.6	30.0	55.4	60.5
5	[mc/h] 1146	Lps dB rilevato(meas.)	55.3	56.7	56.1	54.5	55.4	50.7	45.7	38.3	30.8	58.5	63.0
		Lps dB corretto.(calc.)	48.9	54.6	55.6	52.1	54.7	48.7	42.9	37.4	30.7	57.5	61.1
6	[mc/h] 1338	Lps dB rilevato(meas.)	55.8	57.3	57.7	56.3	58.2	52.5	48.1	41.5	33.3	60.8	64.6
		Lps dB corretto.(calc.)	49.9	55.3	57.2	53.9	57.5	50.6	45.3	40.7	33.2	59.9	62.9
7	[mc/h] 1562	Lps dB rilevato(meas.)	57.4	57.1	59.3	57.8	59.1	54.7	51.1	44.5	36.5	62.3	65.8
		Lps dB corretto.(calc.)	52.9	55.0	58.9	55.5	58.4	52.8	48.3	43.7	36.5	61.2	64.2
8	[mc/h] 1745	Lps dB rilevato(meas.)	55.9	58.1	60.7	58.7	60.6	56.3	53.2	46.6	39.1	63.8	66.8
		Lps dB corretto.(calc.)	50.1	56.1	60.2	56.3	59.9	54.4	50.4	45.8	39.2	62.7	65.3
9	[mc/h] 1944	Lps dB rilevato(meas.)	58.2	59.6	62.1	59.8	62.3	58.3	55.8	48.9	41.4	65.6	68.4
		Lps dB corretto.(calc.)	54.1	57.6	61.6	57.5	61.6	56.4	53.0	48.1	41.5	64.5	67.0
10	[mc/h] 2103	Lps dB rilevato(meas.)	58.2	61.1	62.2	60.1	62.4	59.9	57.5	50.6	43.1	66.4	69.0
		Lps dB corretto.(calc.)	54.1	59.1	61.8	57.8	61.7	58.0	54.7	49.8	43.2	65.1	67.5
11	[mc/h] 2341	Lps dB rilevato(meas.)	61.6	63.0	63.9	61.8	64.0	62.3	59.8	53.2	45.6	68.4	71.1
		Lps dB corretto.(calc.)	58.4	61.0	63.5	59.5	63.3	60.4	57.0	52.4	45.7	67.0	69.5
12	[mc/h] 2437	Lps dB rilevato(meas.)	65.8	68.6	70.3	65.0	64.7	62.5	60.1	53.1	45.2	69.6	74.9
		Lps dB corretto.(calc.)	63.1	66.6	69.9	62.7	64.						