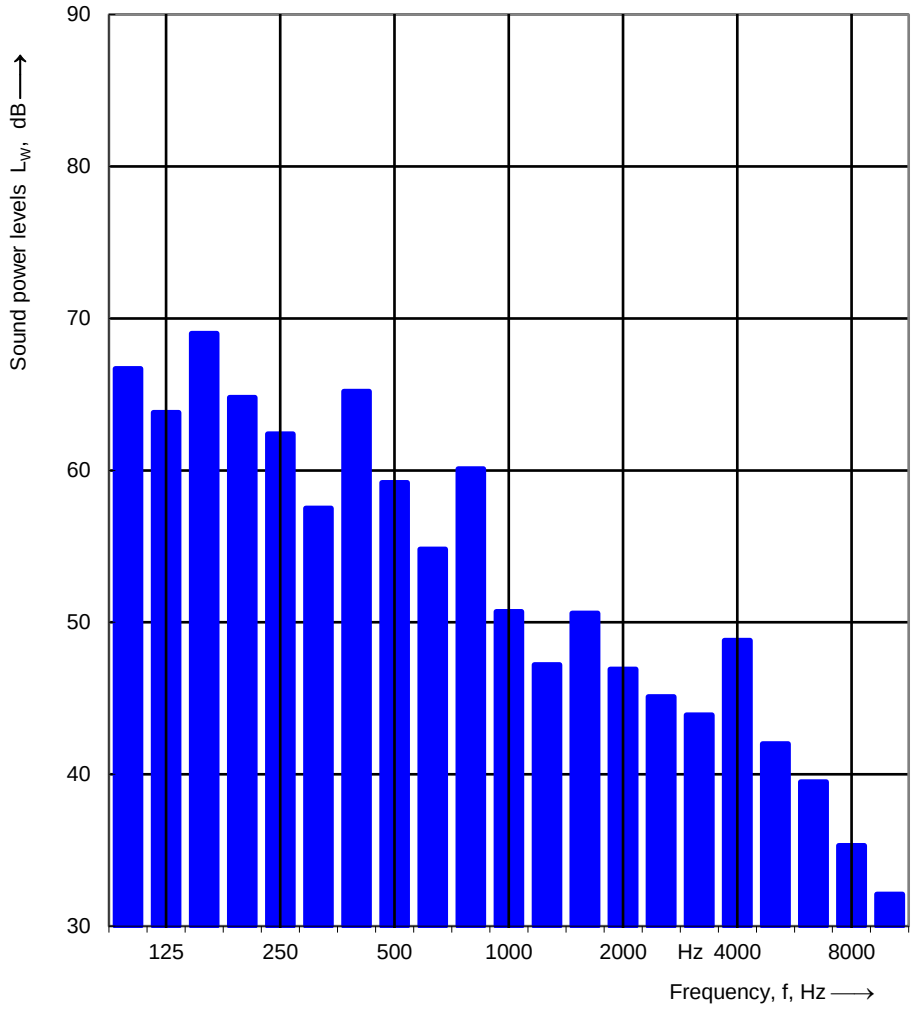
Sound power levels according to ISO 3741:2010

Precision methods for reverberation test rooms - Comparison method

Client:	Gebwell Ltd.	Date of test:	7.8.2024
Object:	G-Eco Pro 120		
Mounting conditions:	Reverberation room		
Operating conditions:	B0W35, compressor speed 30 Hz.		

Static pressure:	100,2	kPa
Air temperature:	23,0	°C
Relative air humidity:	50,0	%
Test room volume:	183,7	m³
Area, S, of test room:	197,8	m²

Frequency f [Hz]	L_W 1/3 octave [dB]
100	66,7
125	63,8
160	69,0
200	64,8
250	62,4
315	57,5
400	65,2
500	59,2
630	54,8
800	60,1
1000	50,7
1250	47,2
1600	50,6
2000	46,9
2500	45,1
3150	43,9
4000	48,8
5000	42,0
6300	39,5
8000	35,3
10000	32,1



Sound power level L_W(A): 66 dB

Name of test institute: Gebwell Ltd.

No. of test report:

Date: 7.8.2024 Signature: A-V P

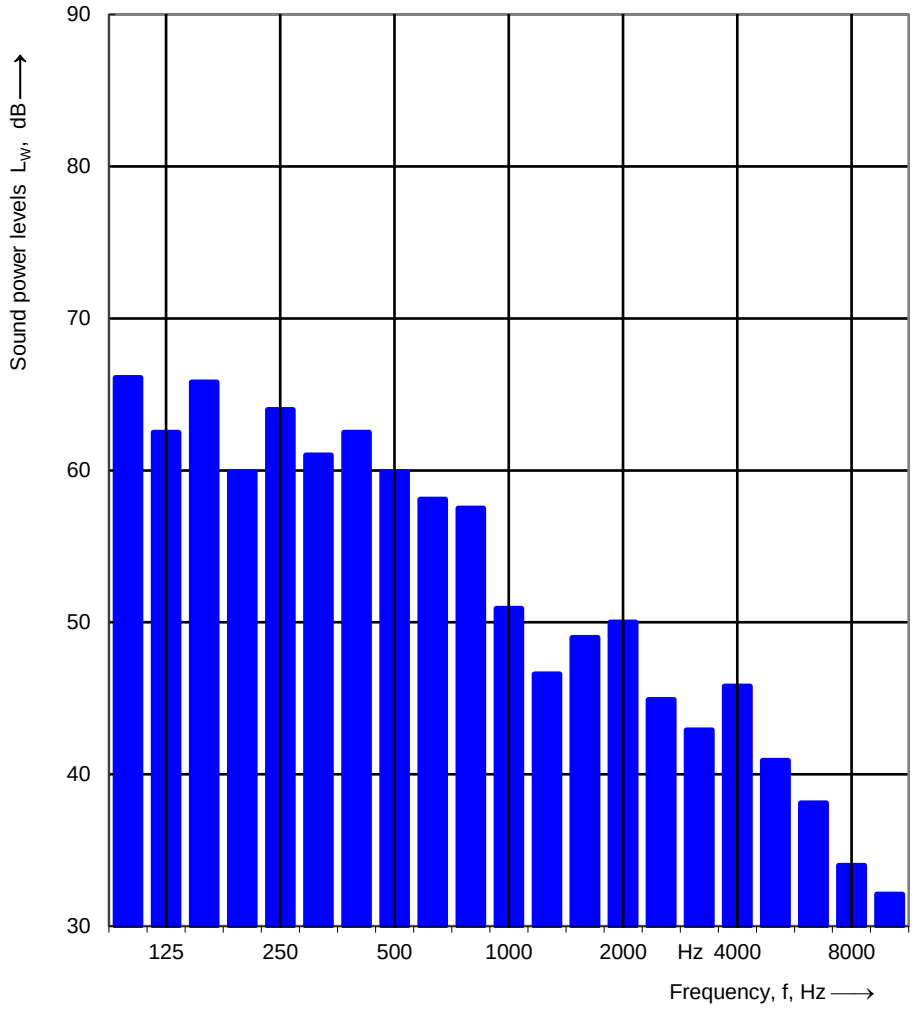
Sound power levels according to ISO 3741:2010

Precision methods for reverberation test rooms - Comparison method

Client:	Gebwell Ltd.	Date of test:	7.8.2024
Object:	G-Eco Pro 120		
Mounting conditions:	Reverberation room		
Operating conditions:	B0W35, compressor speed 50 Hz.		

Static pressure:	100,2	kPa
Air temperature:	23,0	°C
Relative air humidity:	50,0	%
Test room volume:	183,7	m³
Area, S, of test room:	197,8	m²

Frequency f [Hz]	L_W 1/3 octave [dB]
100	66,1
125	62,5
160	65,8
200	59,9
250	64,0
315	61,0
400	62,5
500	59,9
630	58,1
800	57,5
1000	50,9
1250	46,6
1600	49,0
2000	50,0
2500	44,9
3150	42,9
4000	45,8
5000	40,9
6300	38,1
8000	34,0
10000	32,1



Sound power level L_W(A): 65 dB

Name of test institute: Gebwell Ltd.

No. of test report:

Date: 7.8.2024 Signature: A-V P

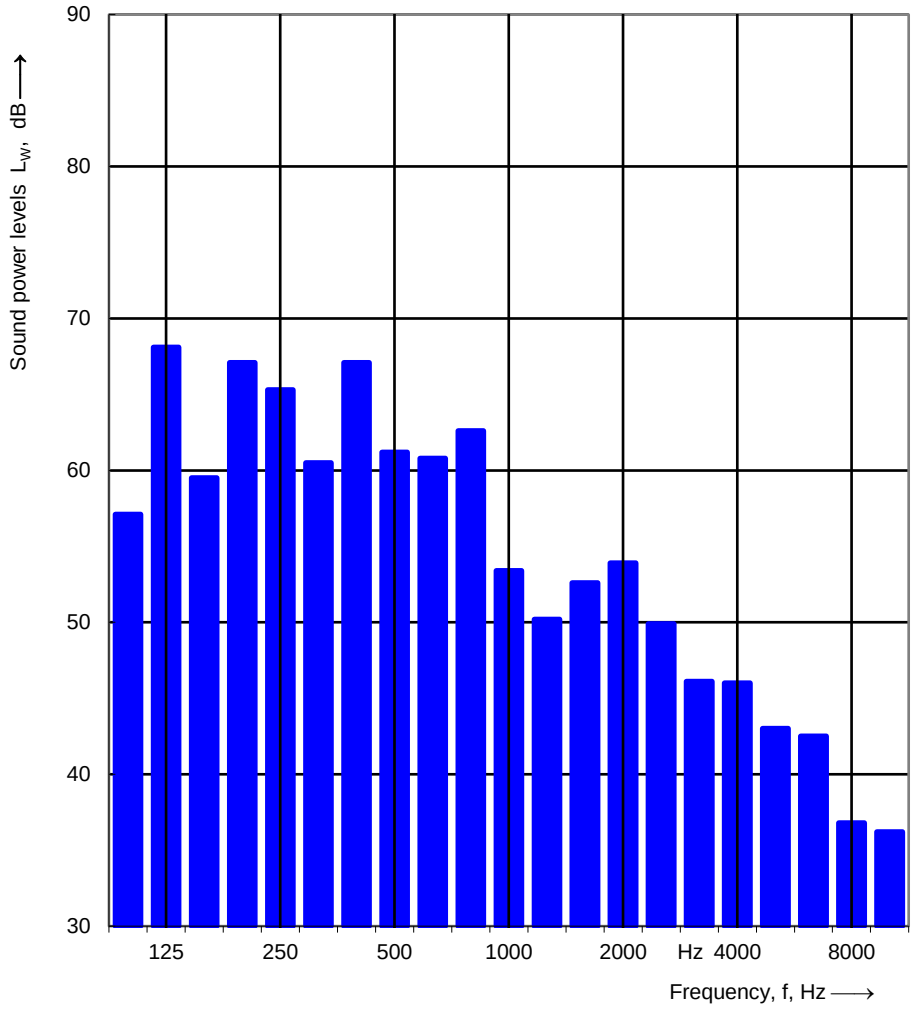
Sound power levels according to ISO 3741:2010

Precision methods for reverberation test rooms - Comparison method

Client:	Gebwell Ltd.	Date of test:	6.8.2024
Object:	G-Eco Pro 120		
Mounting conditions:	Reverberation room		
Operating conditions:	B0W35, compressor speed 70 Hz.		

Static pressure:	100,2	kPa
Air temperature:	23,0	°C
Relative air humidity:	50,0	%
Test room volume:	183,7	m³
Area, S, of test room:	197,8	m²

Frequency f [Hz]	L_W 1/3 octave [dB]
100	57,1
125	68,1
160	59,5
200	67,1
250	65,3
315	60,5
400	67,1
500	61,2
630	60,8
800	62,6
1000	53,4
1250	50,2
1600	52,6
2000	53,9
2500	49,9
3150	46,1
4000	46,0
5000	43,0
6300	42,5
8000	36,8
10000	36,2



Sound power level L_W(A): 69 dB

Name of test institute: Gebwell Ltd.

No. of test report:

Date: 6.8.2024 Signature: A-V P

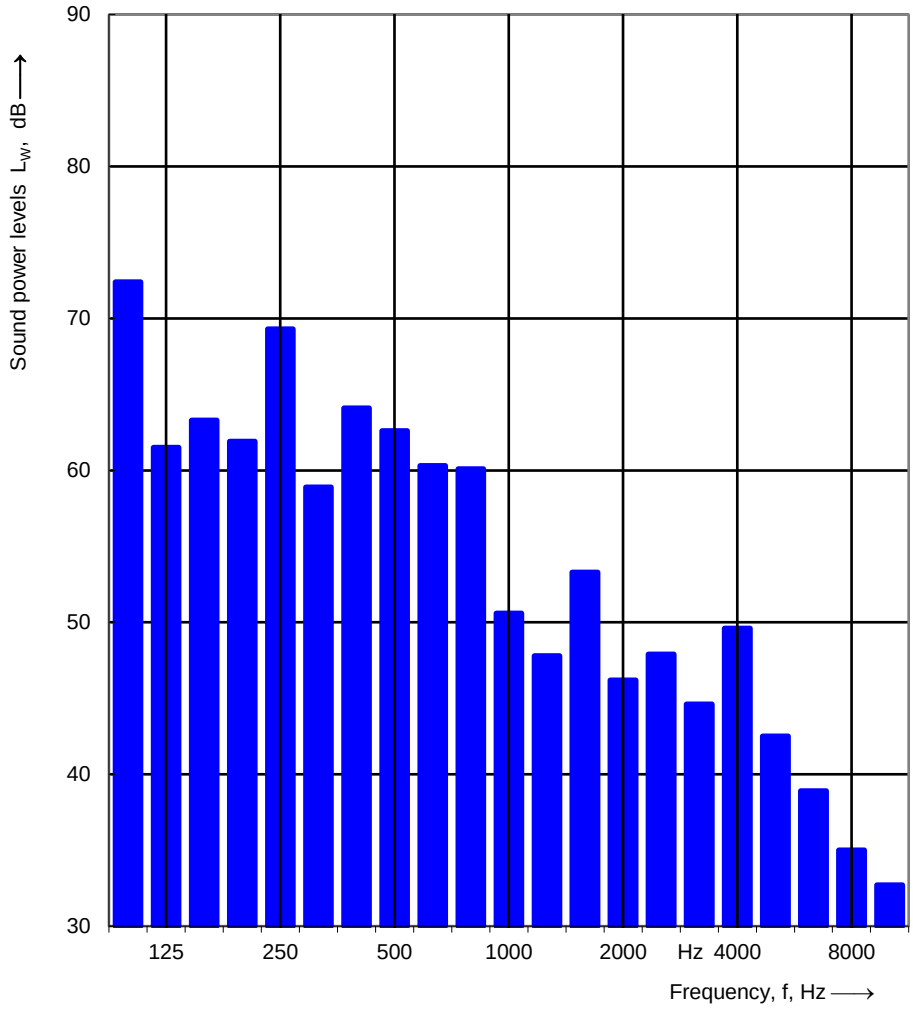
Sound power levels according to ISO 3741:2010

Precision methods for reverberation test rooms - Comparison method

Client:	Gebwell Ltd.	Date of test:	7.8.2024
Object:	G-Eco Pro 120		
Mounting conditions:	Reverberation room		
Operating conditions:	B0W55, compressor speed 30 Hz.		

Static pressure:	100,2	kPa
Air temperature:	23,0	°C
Relative air humidity:	50,0	%
Test room volume:	183,7	m³
Area, S, of test room:	197,8	m²

Frequency f [Hz]	L_W 1/3 octave [dB]
100	72,4
125	61,5
160	63,3
200	61,9
250	69,3
315	58,9
400	64,1
500	62,6
630	60,3
800	60,1
1000	50,6
1250	47,8
1600	53,3
2000	46,2
2500	47,9
3150	44,6
4000	49,6
5000	42,5
6300	38,9
8000	35,0
10000	32,7



Sound power level L_W(A): 68 dB

Name of test institute: Gebwell Ltd.

No. of test report:

Date: 7.8.2024 Signature: A-V P

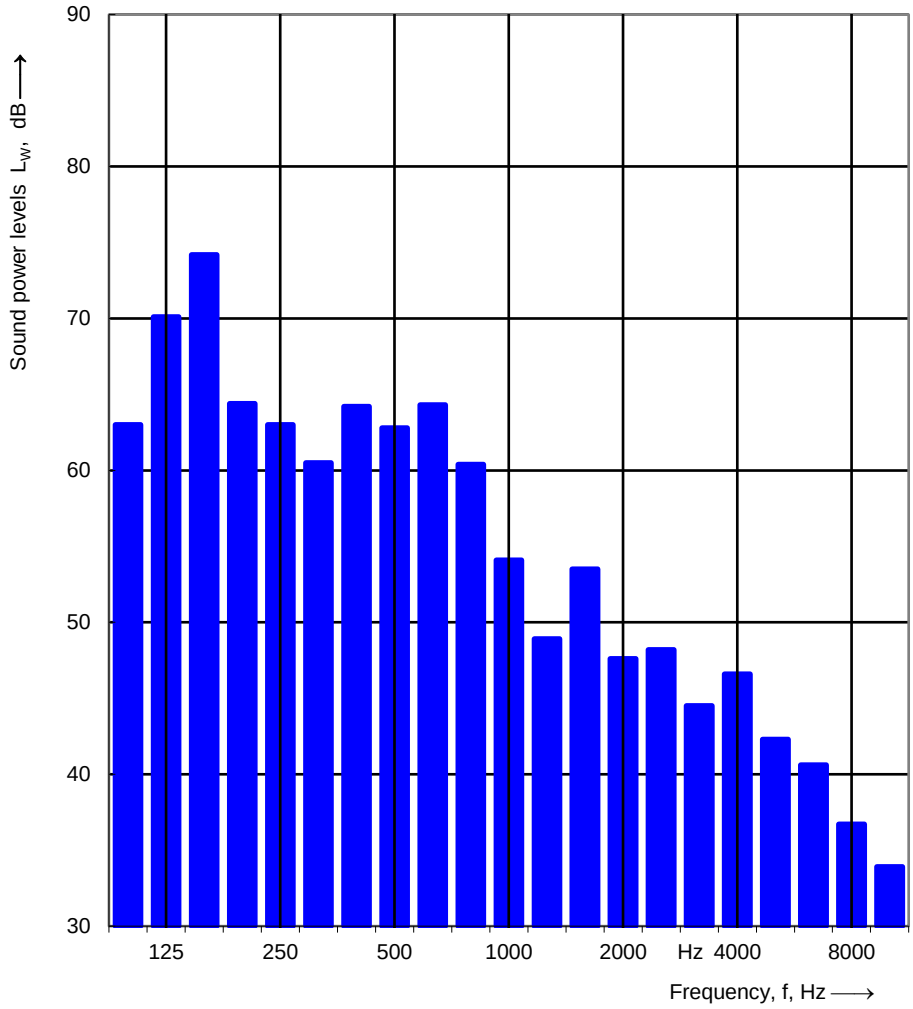
Sound power levels according to ISO 3741:2010

Precision methods for reverberation test rooms - Comparison method

Client:	Gebwell Ltd.	Date of test:	7.8.2024
Object:	G-Eco Pro 120		
Mounting conditions:	Reverberation room		
Operating conditions:	B0W55, compressor speed 50 Hz.		

Static pressure:	100,2	kPa
Air temperature:	23,0	°C
Relative air humidity:	50,0	%
Test room volume:	183,7	m³
Area, S, of test room:	197,8	m²

Frequency f [Hz]	L_W 1/3 octave [dB]
100	63,0
125	70,1
160	74,2
200	64,4
250	63,0
315	60,5
400	64,2
500	62,8
630	64,3
800	60,4
1000	54,1
1250	48,9
1600	53,5
2000	47,6
2500	48,2
3150	44,5
4000	46,6
5000	42,3
6300	40,6
8000	36,7
10000	33,9



Sound power level L_W(A): 69 dB

Name of test institute: Gebwell Ltd.

No. of test report:

Date: 7.8.2024 Signature: A-V P

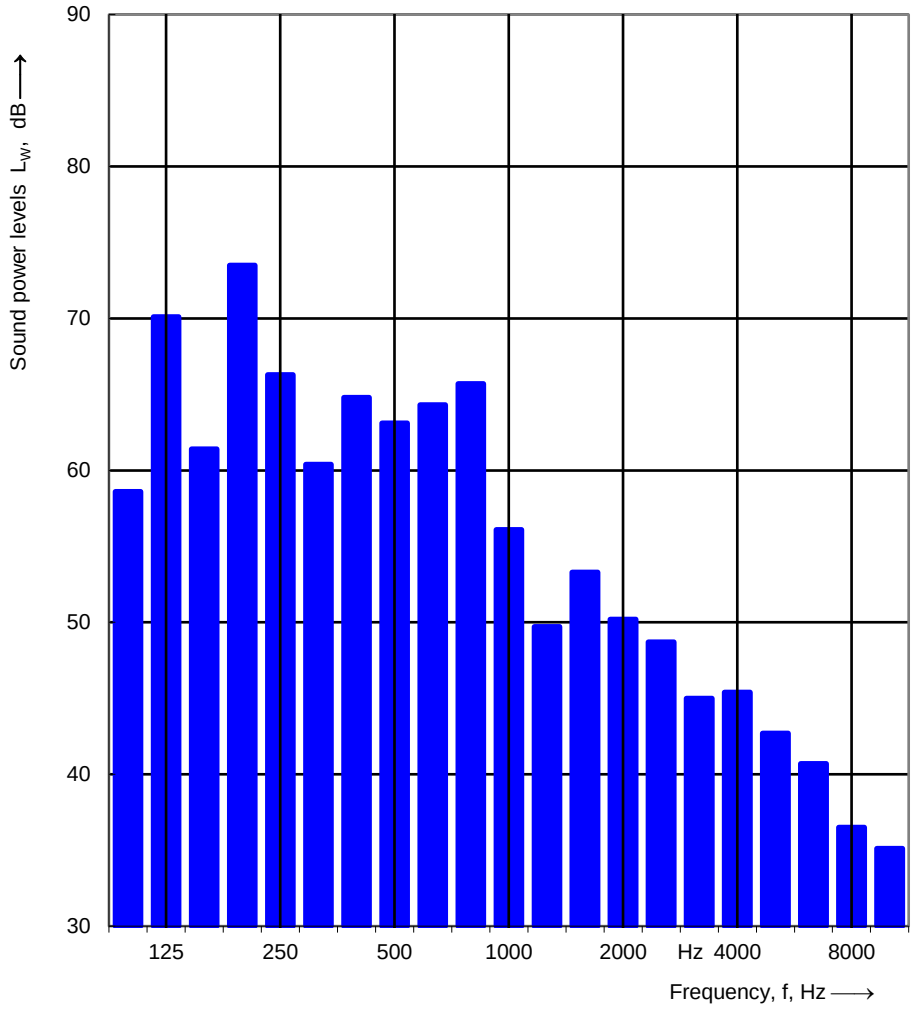
Sound power levels according to ISO 3741:2010

Precision methods for reverberation test rooms - Comparison method

Client:	Gebwell Ltd.	Date of test:	7.8.2024
Object:	G-Eco Pro 120		
Mounting conditions:	Reverberation room		
Operating conditions:	B0W55, compressor speed 67 Hz.		

Static pressure:	100,2	kPa
Air temperature:	23,0	°C
Relative air humidity:	50,0	%
Test room volume:	183,7	m³
Area, S, of test room:	197,8	m²

Frequency f [Hz]	L_W 1/3 octave [dB]
100	58,6
125	70,1
160	61,4
200	73,5
250	66,3
315	60,4
400	64,8
500	63,1
630	64,3
800	65,7
1000	56,1
1250	49,7
1600	53,3
2000	50,2
2500	48,7
3150	45,0
4000	45,4
5000	42,7
6300	40,7
8000	36,5
10000	35,1



Sound power level L_W(A): 70 dB

Name of test institute: Gebwell Ltd.

No. of test report:

Date: 7.8.2024 Signature: A-V P