

Sound power levels according to ISO 3741:2010

Precision methods for reverberation test rooms - Comparison method

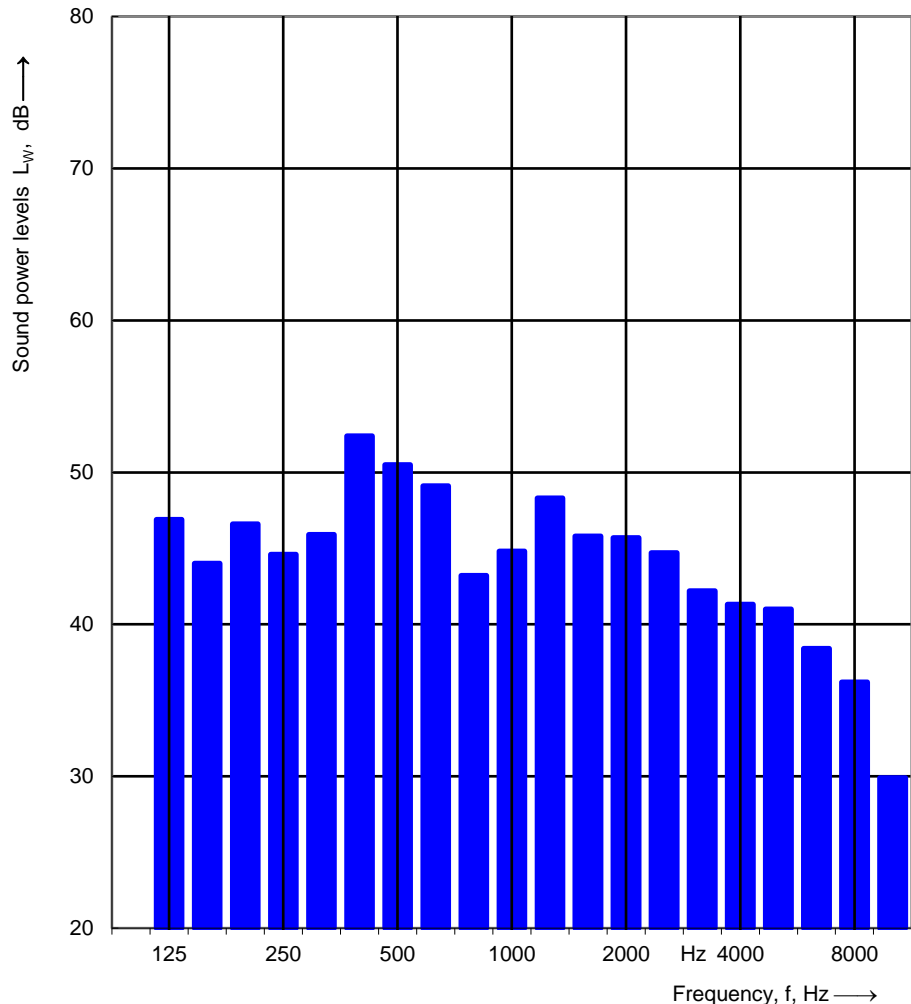
Client: Gebwell Ltd. Date of test: 19.12.2024
 Object: G-Eco Core 40

Mounting conditions: Reverberation room

Operating conditions: B0W35, compressor speed 30 hz (1800 rpm).

Static pressure: 101,3 kPa
 Air temperature: 23,0 °C
 Relative air humidity: 50,0 %
 Test room volume: 183,6 m³
 Area, S, of test room: 197,7 m²

Frequency f [Hz]	L _w 1/3 octave [dB]
100	
125	46,9
160	44,0
200	46,6
250	44,6
315	45,9
400	52,4
500	50,5
630	49,1
800	43,2
1000	44,8
1250	48,3
1600	45,8
2000	45,7
2500	44,7
3150	42,2
4000	41,3
5000	41,0
6300	38,4
8000	36,2
10000	29,9



Sound power level L_w(A): 57 dB

Name of test institute: Gebwell Ltd.

No. of test report:

Date: 19.12.2024

Signature:

A-V P

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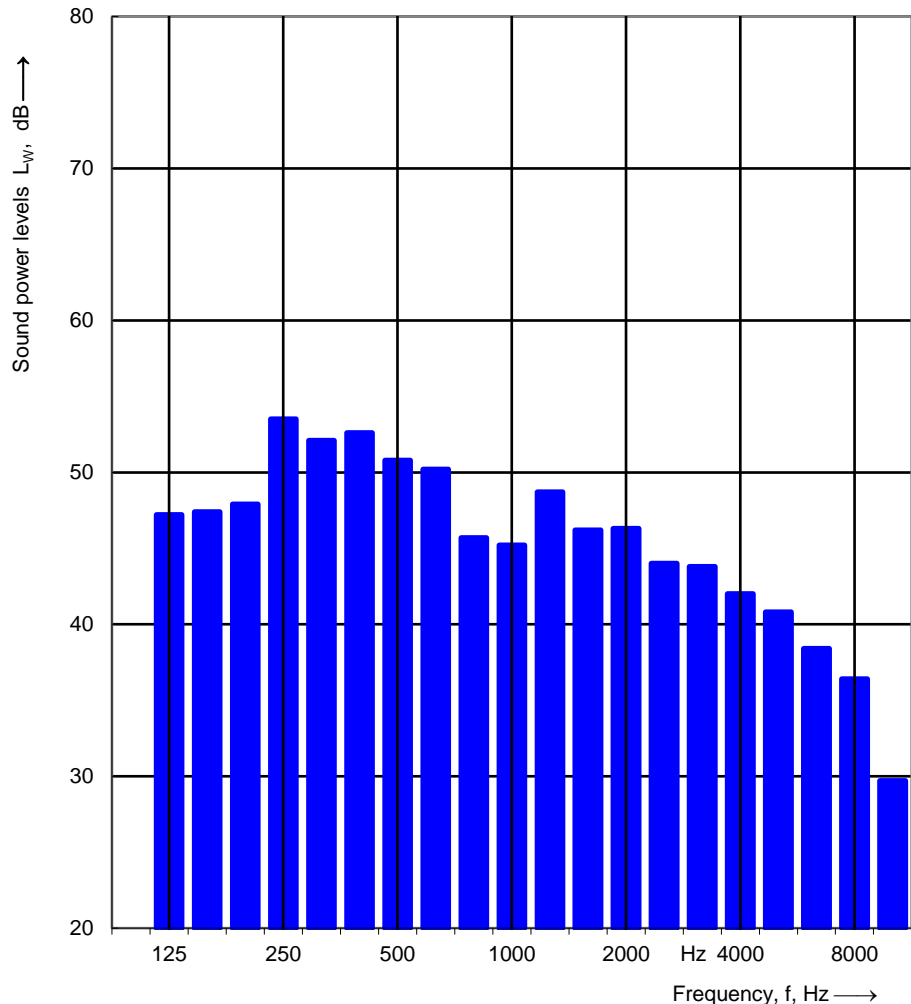
Client: Gebwell Ltd. Date of test: 19.12.2024
 Object: G-Eco Core 40

Mounting conditions: Reverberation room

Operating conditions: B0W35, compressor speed 50 hz (3000 rpm).

Static pressure: 101,3 kPa
 Air temperature: 23,0 °C
 Relative air humidity: 50,0 %
 Test room volume: 183,6 m³
 Area, S, of test room: 197,7 m²

Frequency f [Hz]	L _w 1/3 octave [dB]
100	
125	47,2
160	47,4
200	47,9
250	53,5
315	52,1
400	52,6
500	50,8
630	50,2
800	45,7
1000	45,2
1250	48,7
1600	46,2
2000	46,3
2500	44,0
3150	43,8
4000	42,0
5000	40,8
6300	38,4
8000	36,4
10000	29,7



Sound power level L_w(A): 58 dB

Name of test institute: Gebwell Ltd.
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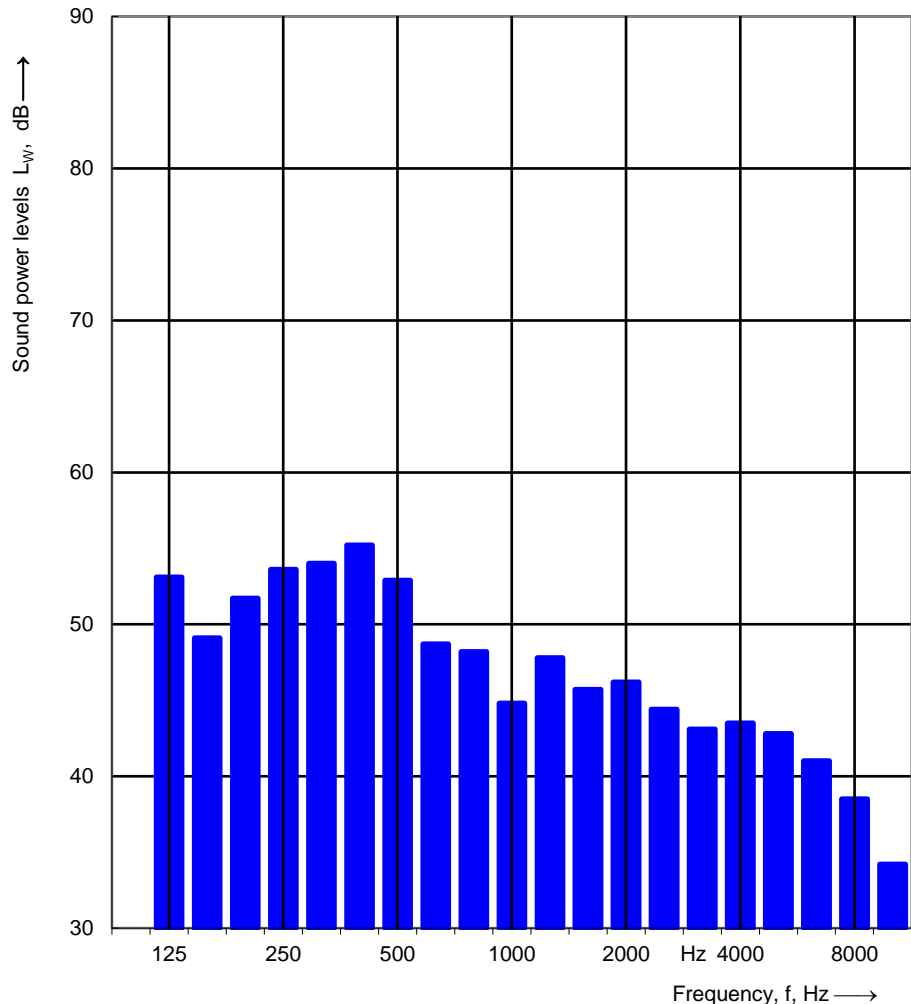
Client: Gebwell Ltd. Date of test: 18.12.2024
 Object: G-Eco Core 40

Mounting conditions: Reverberation room

Operating conditions: B0W35, compressor speed 70 hz (4200 rpm).

Static pressure: 101,3 kPa
 Air temperature: 23,0 °C
 Relative air humidity: 50,0 %
 Test room volume: 183,6 m³
 Area, S, of test room: 197,7 m²

Frequency f [Hz]	L _w 1/3 octave [dB]
100	
125	53,1
160	49,1
200	51,7
250	53,6
315	54,0
400	55,2
500	52,9
630	48,7
800	48,2
1000	44,8
1250	47,8
1600	45,7
2000	46,2
2500	44,4
3150	43,1
4000	43,5
5000	42,8
6300	41,0
8000	38,5
10000	34,2



Sound power level L_w(A): 59 dB

Name of test institute: Gebwell Ltd.
 No. of test report:

Date: 18.12.2024

Signature: *A-V P*

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Precision methods for reverberation test rooms - Comparison method

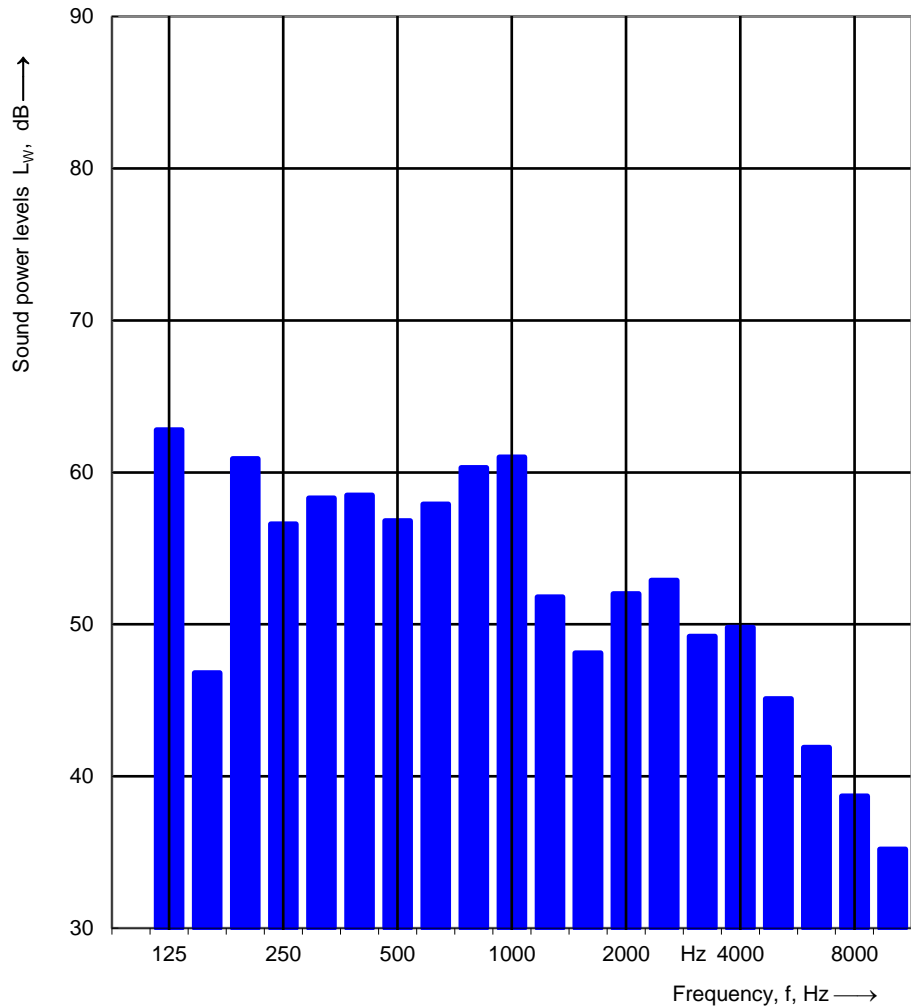
Client: Gebwell Ltd. Date of test: 18.12.2024
 Object: G-Eco Core 40

Mounting conditions: Reverberation room

Operating conditions: B0W35, compressor speed 110 hz (6600 rpm).

Static pressure: 101,3 kPa
 Air temperature: 23,0 °C
 Relative air humidity: 50,0 %
 Test room volume: 183,6 m³
 Area, S, of test room: 197,7 m²

Frequency f [Hz]	L _w 1/3 octave [dB]
100	
125	62,8
160	46,8
200	60,9
250	56,6
315	58,3
400	58,5
500	56,8
630	57,9
800	60,3
1000	61,0
1250	51,8
1600	48,1
2000	52,0
2500	52,9
3150	49,2
4000	49,8
5000	45,1
6300	41,9
8000	38,7
10000	35,2



Sound power level L_w(A): 66 dB

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 No. of test report:

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Signature: *A-V P*

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Precision methods for reverberation test rooms - Comparison method

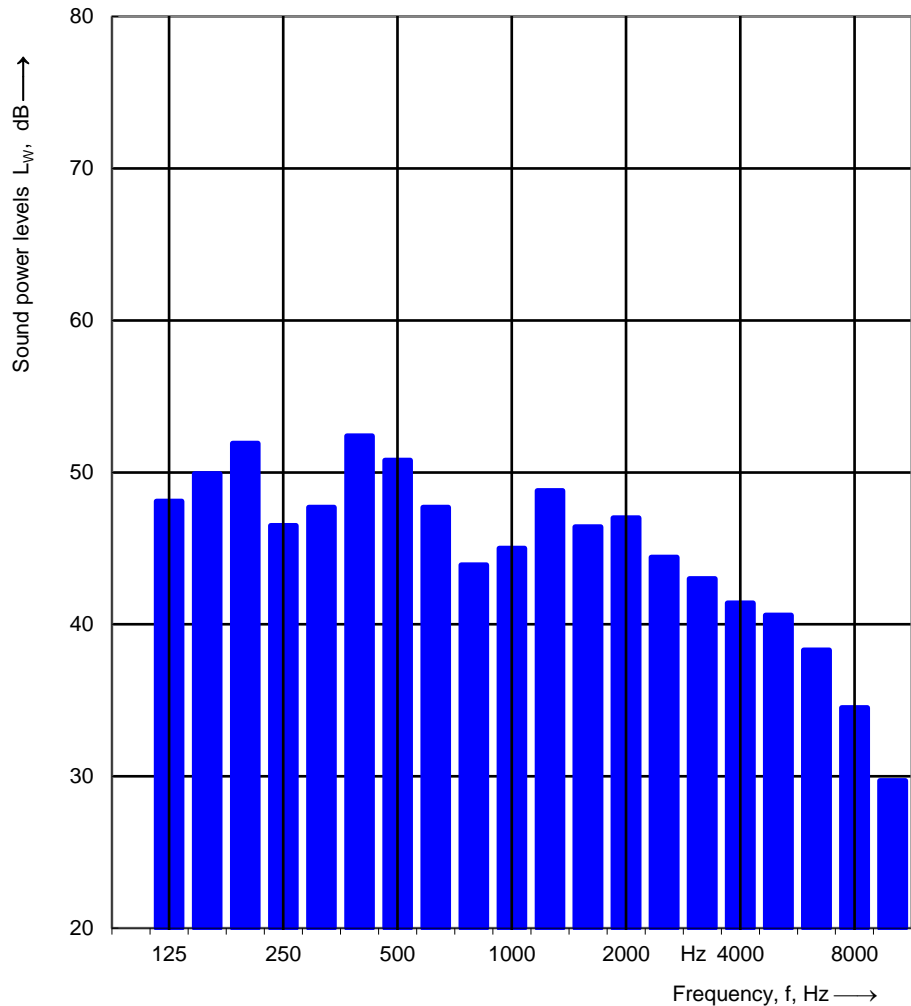
Client: Gebwell Ltd. Date of test: 19.12.2024
 Object: G-Eco Core 40

Mounting conditions: Reverberation room

Operating conditions: B0W55, compressor speed 30 hz (1800 rpm).

Static pressure: 101,3 kPa
 Air temperature: 23,0 °C
 Relative air humidity: 50,0 %
 Test room volume: 183,6 m³
 Area, S, of test room: 197,7 m²

Frequency f [Hz]	L _w 1/3 octave [dB]
100	
125	48,1
160	49,9
200	51,9
250	46,5
315	47,7
400	52,4
500	50,8
630	47,7
800	43,9
1000	45,0
1250	48,8
1600	46,4
2000	47,0
2500	44,4
3150	43,0
4000	41,4
5000	40,6
6300	38,3
8000	34,5
10000	29,7



Sound power level L_w(A): 57 dB

Name of test institute: Gebwell Ltd.
 No. of test report:

Date: 19.12.2024

Signature: *A-V P*

Sound power levels according to ISO 3741:2010

Precision methods for reverberation test rooms - Comparison method

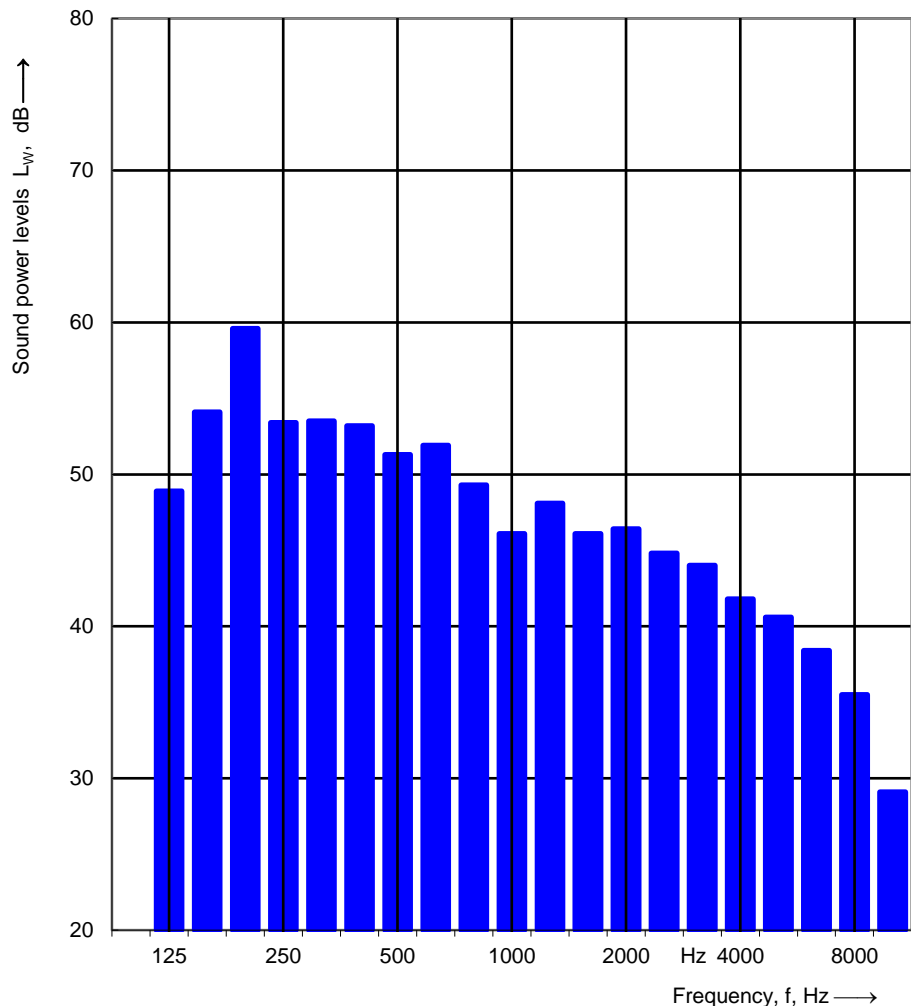
Client: Gebwell Ltd. Date of test: 19.12.2024
 Object: G-Eco Core 40

Mounting conditions: Reverberation room

Operating conditions: B0W55, compressor speed 50 hz (3000 rpm).

Static pressure: 101,3 kPa
 Air temperature: 23,0 °C
 Relative air humidity: 50,0 %
 Test room volume: 183,6 m³
 Area, S, of test room: 197,7 m²

Frequency f [Hz]	L _w 1/3 octave [dB]
100	
125	48,9
160	54,1
200	59,6
250	53,4
315	53,5
400	53,2
500	51,3
630	51,9
800	49,3
1000	46,1
1250	48,1
1600	46,1
2000	46,4
2500	44,8
3150	44,0
4000	41,8
5000	40,6
6300	38,4
8000	35,5
10000	29,1



Sound power level L_w(A): 59 dB

Name of test institute: Gebwell Ltd.

No. of test report:

Date: 19.12.2024

Signature:

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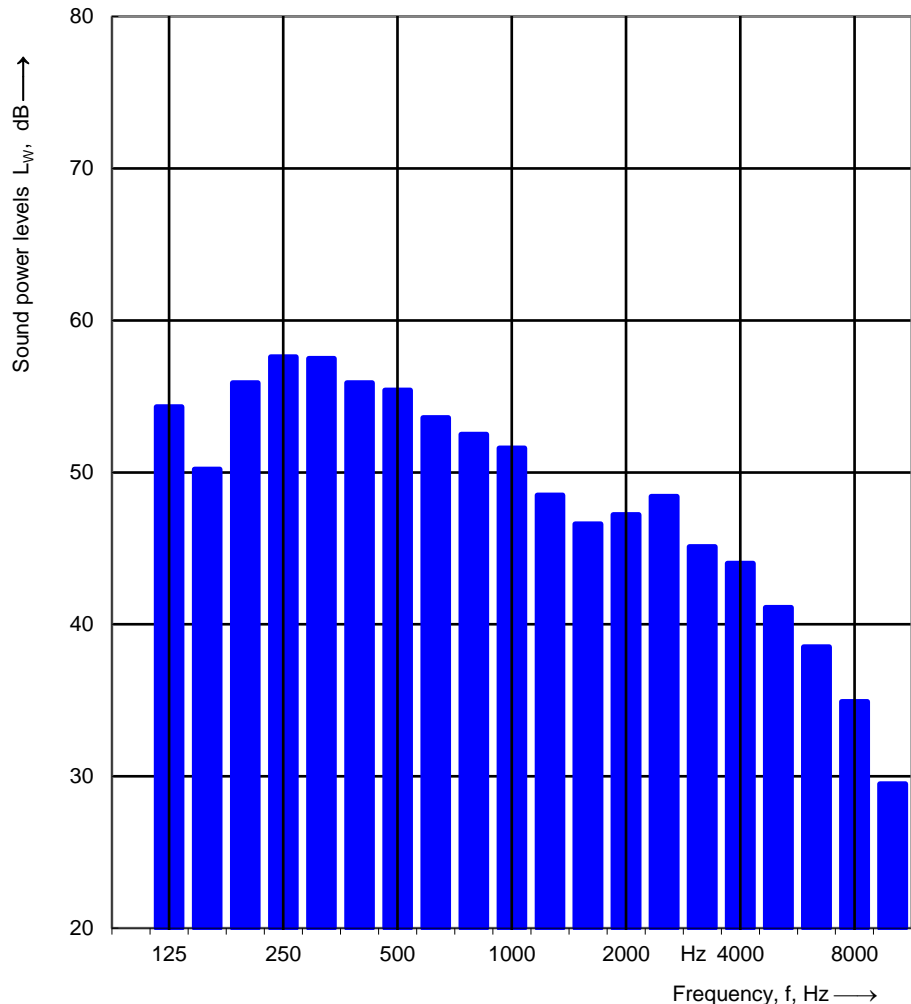
Client: Gebwell Ltd. Date of test: 19.12.2024
 Object: G-Eco Core 40

Mounting conditions: Reverberation room

Operating conditions: B0W55, compressor speed 70 hz (4200 rpm).

Static pressure: 101,3 kPa
 Air temperature: 23,0 °C
 Relative air humidity: 50,0 %
 Test room volume: 183,6 m³
 Area, S, of test room: 197,7 m²

Frequency f [Hz]	L _w 1/3 octave [dB]
100	
125	54,3
160	50,2
200	55,9
250	57,6
315	57,5
400	55,9
500	55,4
630	53,6
800	52,5
1000	51,6
1250	48,5
1600	46,6
2000	47,2
2500	48,4
3150	45,1
4000	44,0
5000	41,1
6300	38,5
8000	34,9
10000	29,5



Sound power level L_w(A): 61 dB

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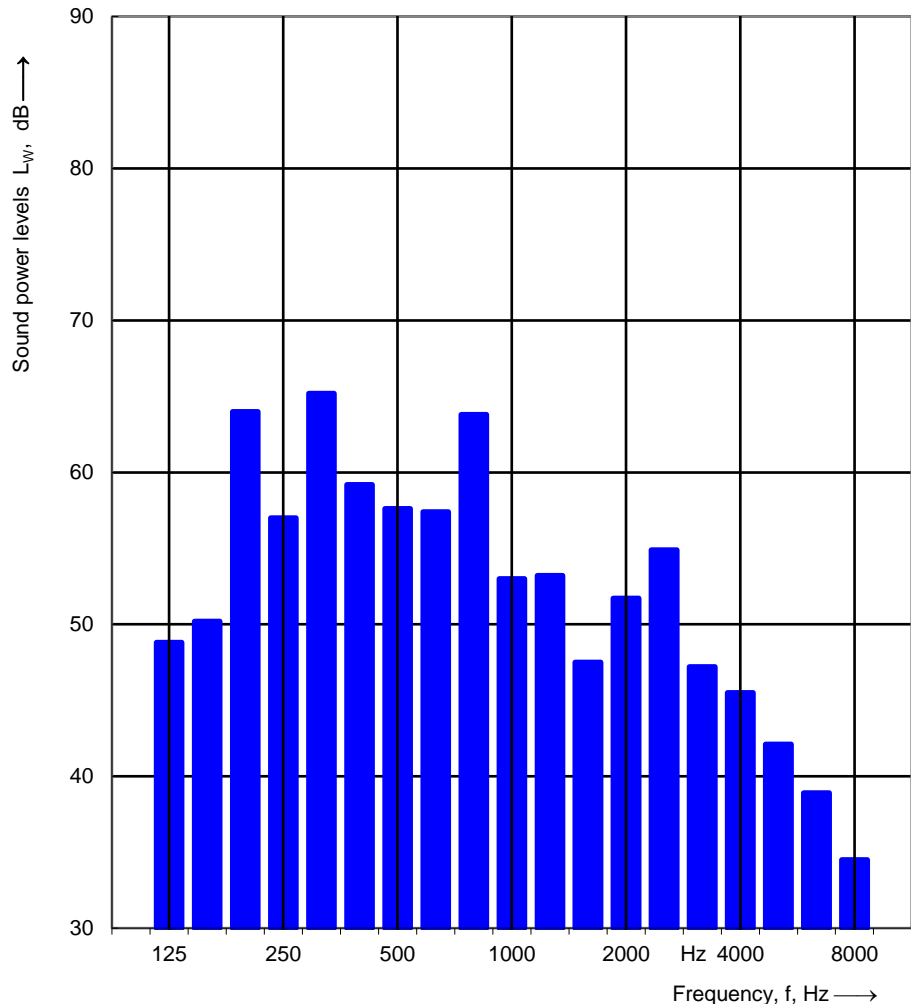
Client: Gebwell Ltd. Date of test: 19.12.2024
 Object: G-Eco Core 40

Mounting conditions: Reverberation room

Operating conditions: B0W55, compressor speed 97 hz (5820 rpm).

Static pressure: 101,3 kPa
 Air temperature: 23,0 °C
 Relative air humidity: 50,0 %
 Test room volume: 183,6 m³
 Area, S, of test room: 197,7 m²

Frequency f [Hz]	L _w 1/3 octave [dB]
100	
125	48,8
160	50,2
200	64,0
250	57,0
315	65,2
400	59,2
500	57,6
630	57,4
800	63,8
1000	53,0
1250	53,2
1600	47,5
2000	51,7
2500	54,9
3150	47,2
4000	45,5
5000	42,1
6300	38,9
8000	34,5
10000	30,0



Sound power level L_w(A): 67 dB

Name of test institute: Gebwell Ltd.

No. of test report:

Date: 19.12.2024

Signature:

A-V P