

Zilenzio Offizz

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:
13-07-M19
Date
2013-10-30

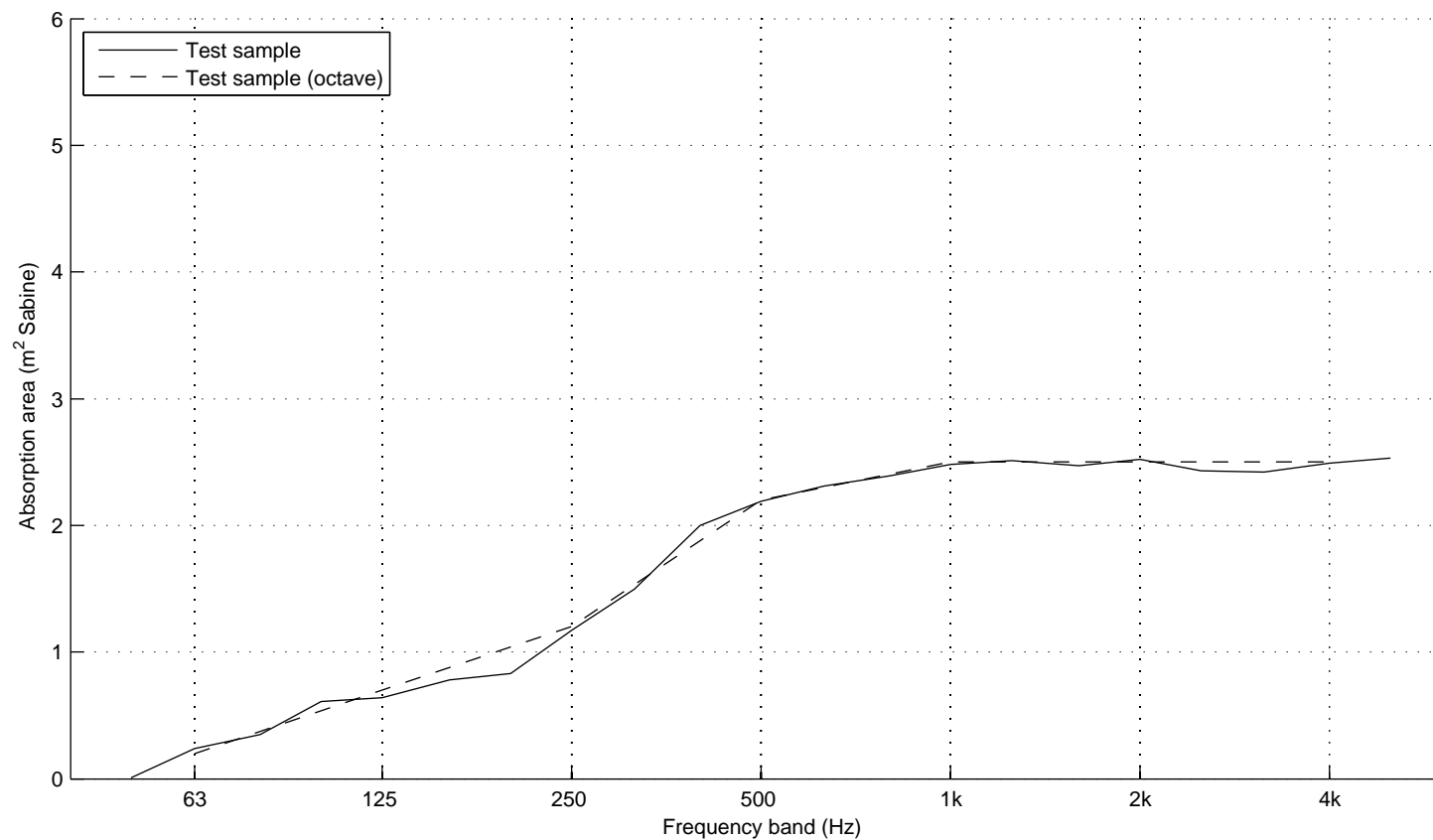
Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.01	
63	0.24	0.2
80	0.35	
100	0.61	
125	0.64	0.7
160	0.78	
200	0.83	
250	1.17	1.2
315	1.50	
400	2.00	
500	2.19	2.2
630	2.31	
800	2.39	
1000	2.48	2.5
1250	2.51	
1600	2.47	
2000	2.52	2.5
2500	2.43	
3150	2.42	
4000	2.49	2.5
5000	2.53	

Client: Zilenzio
Manufacturer: Zilenzio
Product identification: Offizz 1000 x 1500 mm

Description of test specimen:

Reverberation room volume: 200 m³
Temperature: 15 °C (empty: 14 °C)
Air humidity: 76 % (empty: 76 %)
Air pressure: 101.3 kPa (empty: 101.3 kPa)
Number of specimens: 3

Measurement date: 2013-06-18
Measured by: Pontus Thorsson



Zilenzio Offizz

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:
13-07-M20
Date
2013-10-30

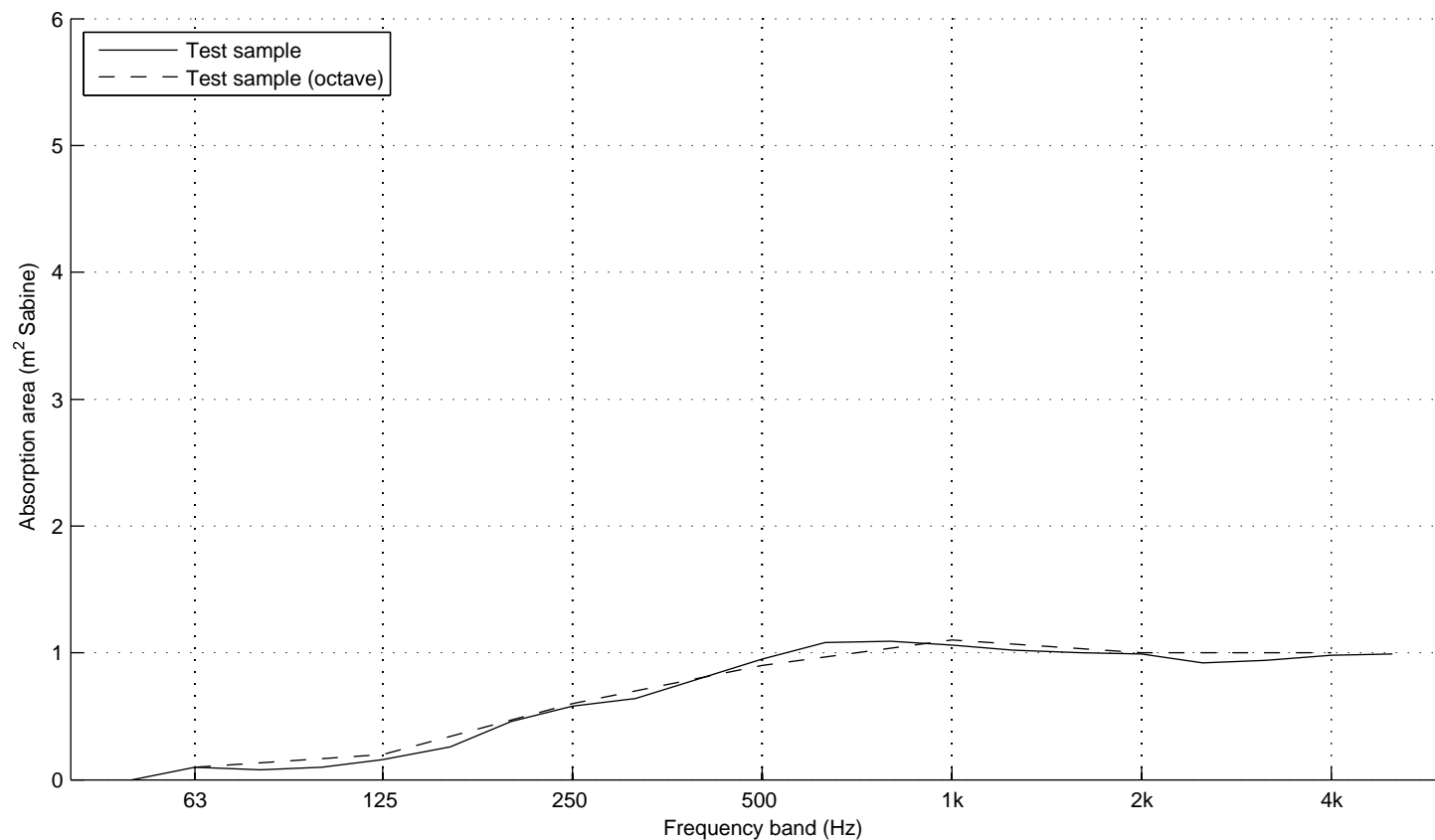
Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.00	
63	0.10	0.1
80	0.08	
100	0.10	
125	0.16	0.2
160	0.26	
200	0.46	
250	0.58	0.6
315	0.64	
400	0.80	
500	0.95	0.9
630	1.08	
800	1.09	
1000	1.06	1.1
1250	1.02	
1600	1.00	
2000	0.99	1.0
2500	0.92	
3150	0.94	
4000	0.98	1.0
5000	0.99	

Client: Zilenzio
Manufacturer: Zilenzio
Product identification: Offizz 1200 x 400 mm

Description of test specimen:

Reverberation room volume: 200 m³
Temperature: 15 °C (empty: 14 °C)
Air humidity: 77 % (empty: 76 %)
Air pressure: 101.3 kPa (empty: 101.3 kPa)
Number of specimens: 3

Measurement date: 2013-06-18
Measured by: Pontus Thorsson



Zilenzio Offizz

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:
13-07-M21
Date
2013-10-30

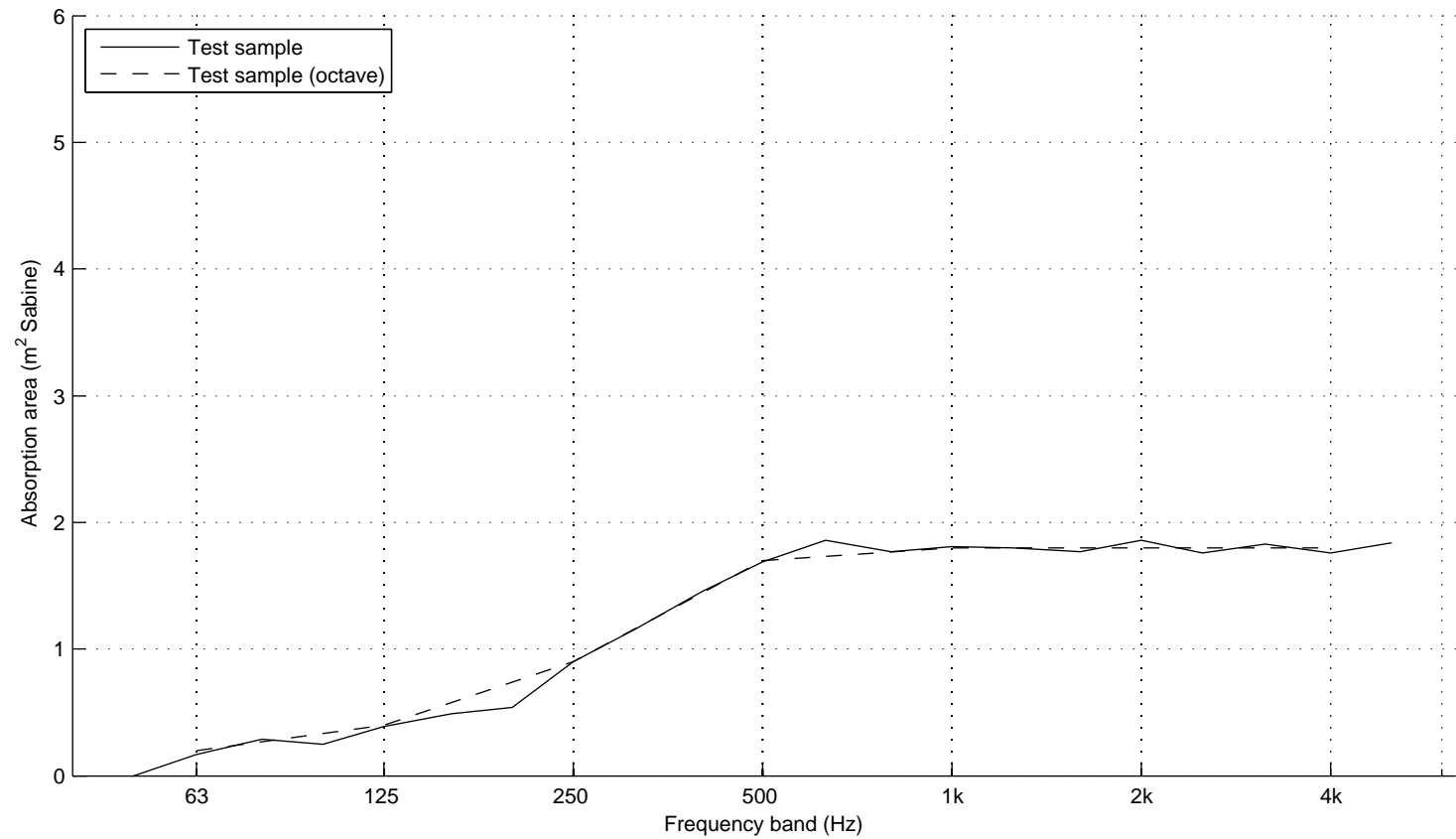
Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.00	
63	0.17	0.2
80	0.29	
100	0.25	
125	0.39	0.4
160	0.49	
200	0.54	
250	0.90	0.9
315	1.16	
400	1.45	
500	1.69	1.7
630	1.86	
800	1.77	
1000	1.81	1.8
1250	1.80	
1600	1.77	
2000	1.86	1.8
2500	1.76	
3150	1.83	
4000	1.76	1.8
5000	1.84	

Client: Zilenzio
Manufacturer: Zilenzio
Product identification: Offizz 1200 x 800 mm

Description of test specimen:

Reverberation room volume: 200 m³
Temperature: 15 °C (empty: 14 °C)
Air humidity: 77 % (empty: 76 %)
Air pressure: 101.3 kPa (empty: 101.3 kPa)
Number of specimens: 3

Measurement date: 2013-06-18
Measured by: Pontus Thorsson



Zilenzio Offizz

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:
13-07-M22
Date
2013-10-30

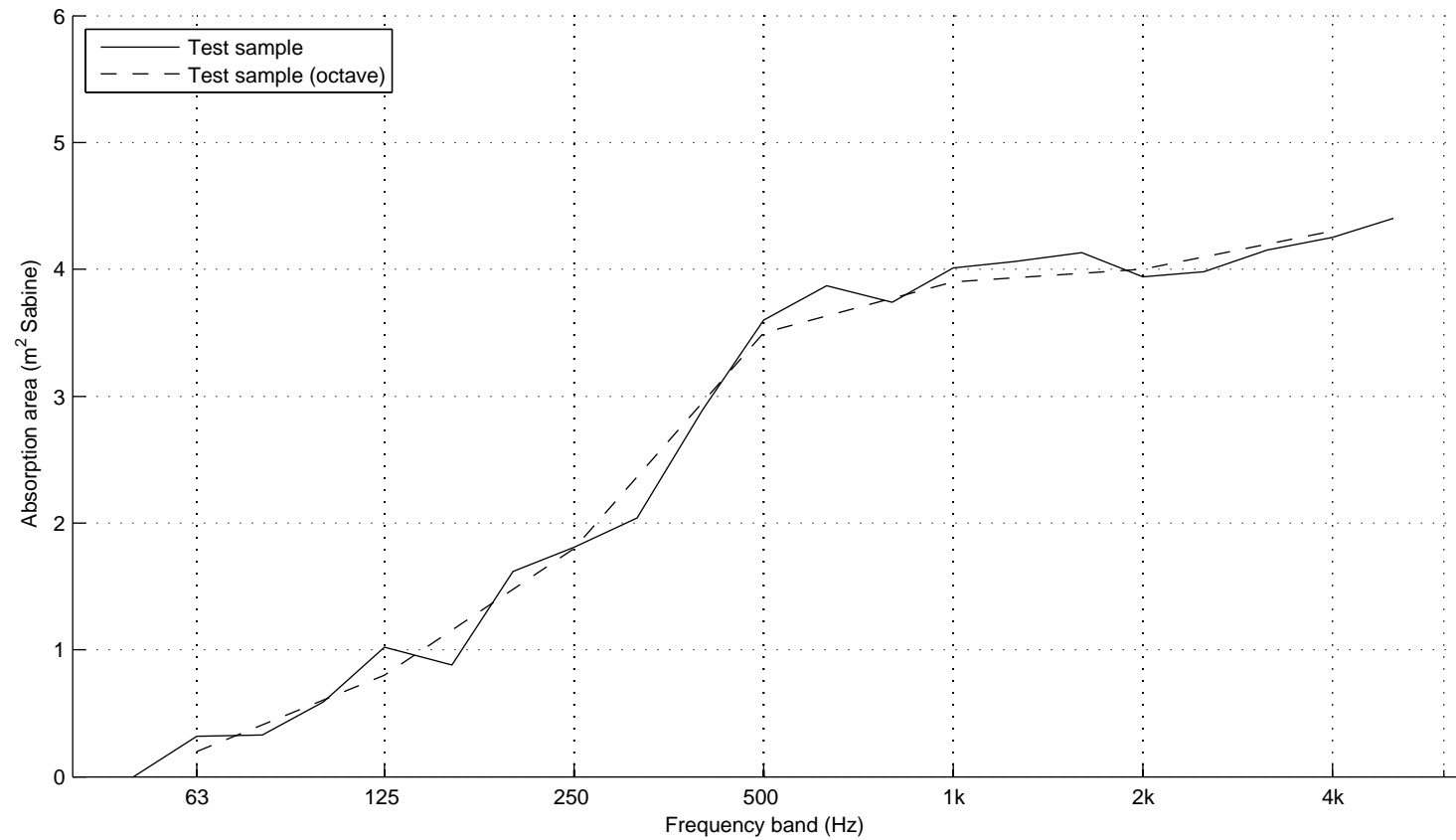
Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.00	
63	0.32	0.2
80	0.33	
100	0.59	
125	1.02	0.8
160	0.88	
200	1.62	
250	1.81	1.8
315	2.04	
400	2.89	
500	3.60	3.5
630	3.87	
800	3.74	
1000	4.01	3.9
1250	4.06	
1600	4.13	
2000	3.94	4.0
2500	3.98	
3150	4.15	
4000	4.25	4.3
5000	4.40	

Client: Zilenzio
Manufacturer: Zilenzio
Product identification: Offizz 1200 x 1900 mm (1 pc)

Description of test specimen:

Reverberation room volume: 200 m³
Temperature: 15 °C (empty: 14 °C)
Air humidity: 77 % (empty: 76 %)
Air pressure: 101.3 kPa (empty: 101.3 kPa)
Number of specimens: 1

Measurement date: 2013-06-18
Measured by: Pontus Thorsson



Zilenzio Offizz

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:
13-07-M23
Date
2013-10-30

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.03	
63	0.25	0.2
80	0.46	
100	0.59	
125	0.71	0.7
160	0.93	
200	1.34	
250	1.80	1.8
315	2.33	
400	2.77	
500	3.38	3.3
630	3.71	
800	3.60	
1000	3.82	3.7
1250	3.79	
1600	3.76	
2000	3.82	3.8
2500	3.82	
3150	3.78	
4000	3.85	3.8
5000	3.87	

Client: Zilenzio
Manufacturer: Zilenzio
Product identification: Offizz 1200 x 1900 mm

Description of test specimen:

Reverberation room volume: 200 m³
Temperature: 15 °C (empty: 14 °C)
Air humidity: 77 % (empty: 76 %)
Air pressure: 101.3 kPa (empty: 101.3 kPa)
Number of specimens: 3

Measurement date: 2013-06-18
Measured by: Pontus Thorsson

