Zilenzio Dezibel Bord

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room

SWEDAC ACKREDITERING 10036 ISO/IEC 17025

Report number: 13−07−M3

Date 2013−10−30

Frequency f [Hz]	Sound absorption area [m² Sabine]	
50	0.03	
63	0.27	0.2
80	0.37	
100	0.65	
125	0.57	0.6
160	0.56	
200	0.74	
250	0.83	0.9
315	1.17	
400	1.47	
500	1.54	1.6
630	1.89	
800	2.01	
1000	2.10	2.1
1250	2.15	
1600	2.15	
2000	2.30	2.2
2500	2.27	
3150	2.28	
4000	2.26	2.3
5000	2.45	

Client: Zilenzio

Manufacturer: Zilenzio

Product identification: Dezibel Bord 750 x 2000 mm

Description of test specimen:

Reverberation room volume: 200 m³

Temperature: 15 °C (empty: 14 °C)

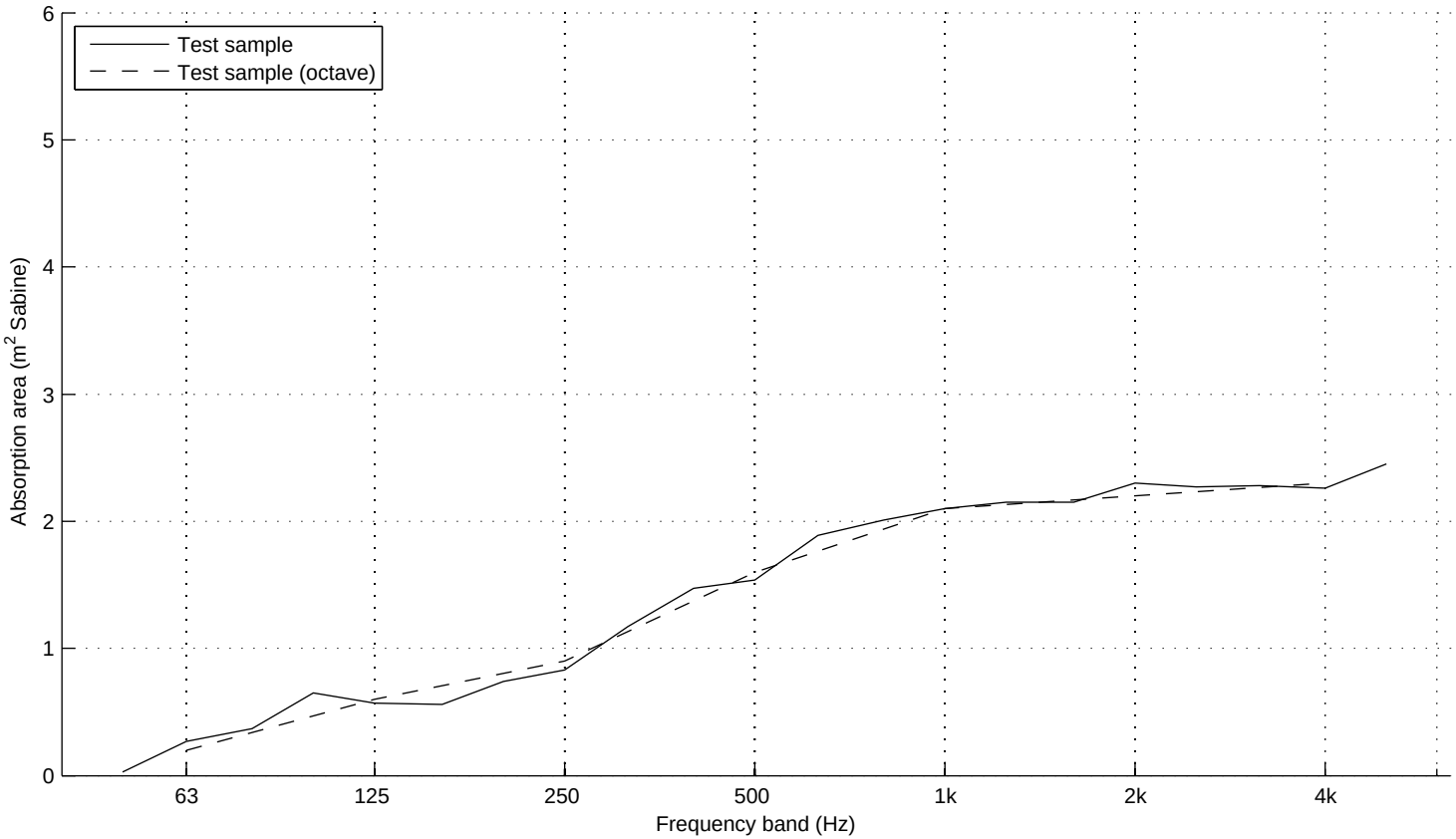
Air humidity: 76 % (empty: 76 %)

Air pressure: 101.3 kPa (empty: 101.3 kPa)

Number of specimens: 3

Measurement date: 2013−06−18

Measured by: Pontus Thorsson



AKUSTIKVERKSTAN

Zilenzio Dezibel Round

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room

10036
ISO/IEC 17025

Report number:
13−07−M5
Date
2013−10−30

Frequency f [Hz]	Sound absorption area [m² Sabine]	
50	0.03	
63	0.08	0.1
80	0.06	
100	0.14	
125	0.14	0.2
160	0.22	
200	0.32	
250	0.44	0.4
315	0.58	
400	1.11	
500	1.30	1.3
630	1.58	
800	1.69	
1000	1.69	1.7
1250	1.73	
1600	1.79	
2000	1.75	1.8
2500	1.73	
3150	1.73	
4000	1.75	1.8
5000	1.78	

Client: Zilenzio

Manufacturer: Zilenzio

Product identification: Dezibel Round

Description of test specimen:

Reverberation room volume: 200 m³

Temperature: 15 °C (empty: 14 °C)

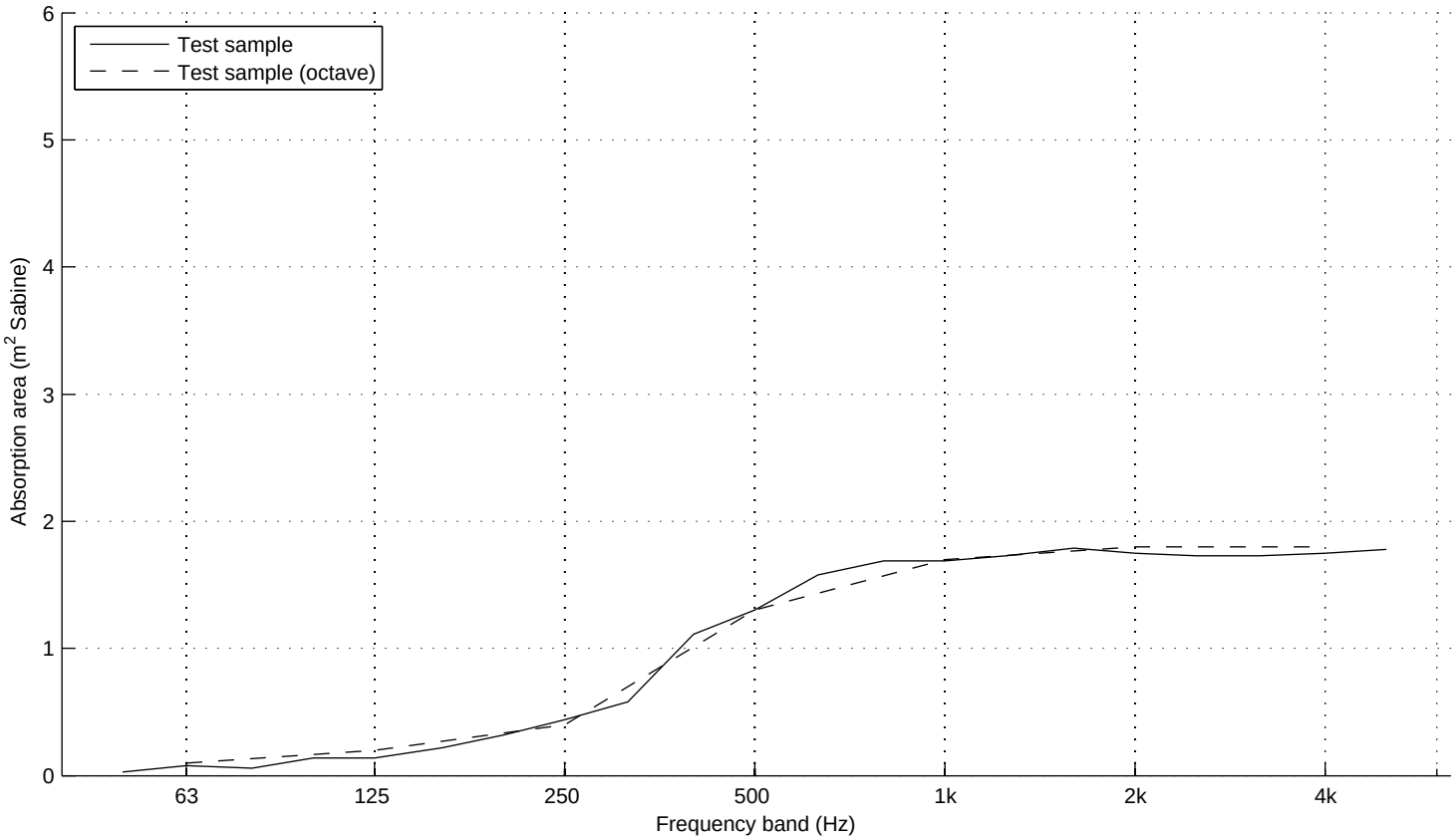
Air humidity: 76 % (empty: 76 %)

Air pressure: 101.3 kPa (empty: 101.3 kPa)

Number of specimens: 3

Measurement date: 2013−06−18

Measured by: Pontus Thorsson



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Zilenzio Dezibel Square

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room

SWEDAC ACKREDITERING 10036 ISO/IEC 17025

Report number: 13−07−06

Date 2013−10−30

Frequency f [Hz]	Sound absorption area [m² Sabine]	
50	0.00	
63	0.10	0.1
80	0.13	
100	0.20	
125	0.26	0.3
160	0.35	
200	0.53	
250	0.73	0.8
315	1.23	
400	1.89	
500	2.40	2.3
630	2.71	
800	2.94	
1000	2.84	2.9
1250	2.89	
1600	2.84	
2000	2.87	2.8
2500	2.76	
3150	2.80	
4000	2.82	2.8
5000	2.84	

Client: Zilenzio

Manufacturer: Zilenzio

Product identification: Dezibel Square

Description of test specimen:

Reverberation room volume: 200 m³

Temperature: 15 °C (empty: 14 °C)

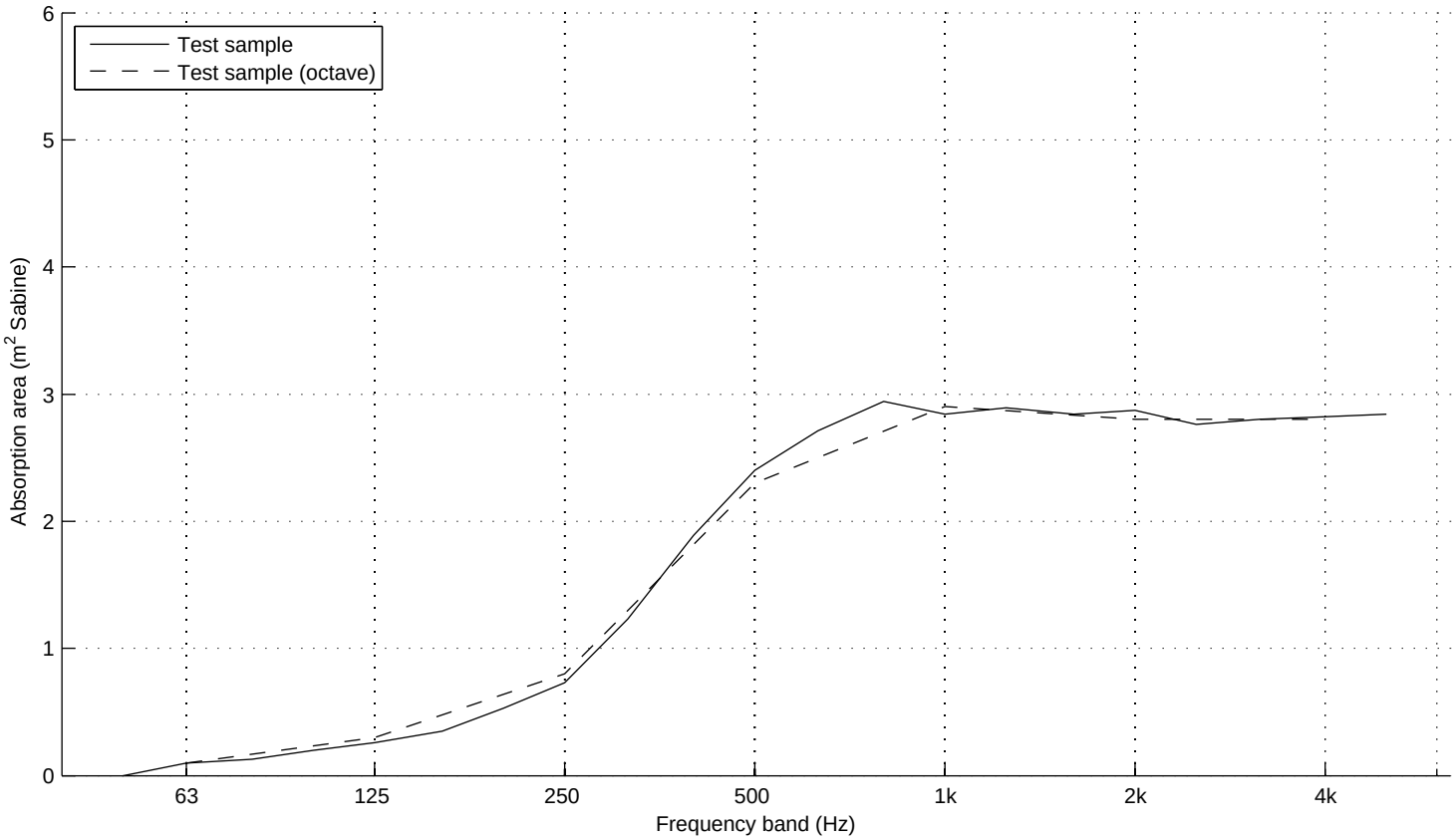
Air humidity: 76 % (empty: 76 %)

Air pressure: 101.3 kPa (empty: 101.3 kPa)

Number of specimens: 3

Measurement date: 2013−06−18

Measured by: Pontus Thorsson



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Zilenzio Dezibel Tall

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room

SWEDAC ACKREDITERING 10036 ISO/IEC 17025

Report number: 13−07−M7

Date 2013−10−30

Frequency f [Hz]	Sound absorption area [m^2 Sabine]	
50	0.00	
63	0.11	0.0
80	0.03	
100	0.15	
125	0.13	0.2
160	0.24	
200	0.35	
250	0.49	0.5
315	0.80	
400	1.18	
500	1.50	1.6
630	2.02	
800	2.11	
1000	2.07	2.1
1250	2.07	
1600	1.97	
2000	2.01	2.0
2500	1.97	
3150	1.95	
4000	2.03	2.0
5000	2.08	

Client: Zilenzio

Manufacturer: Zilenzio

Product identification: Dezibel Tall

Description of test specimen:

Reverberation room volume: 200 m^3

Temperature: 15 °C (empty: 14 °C)

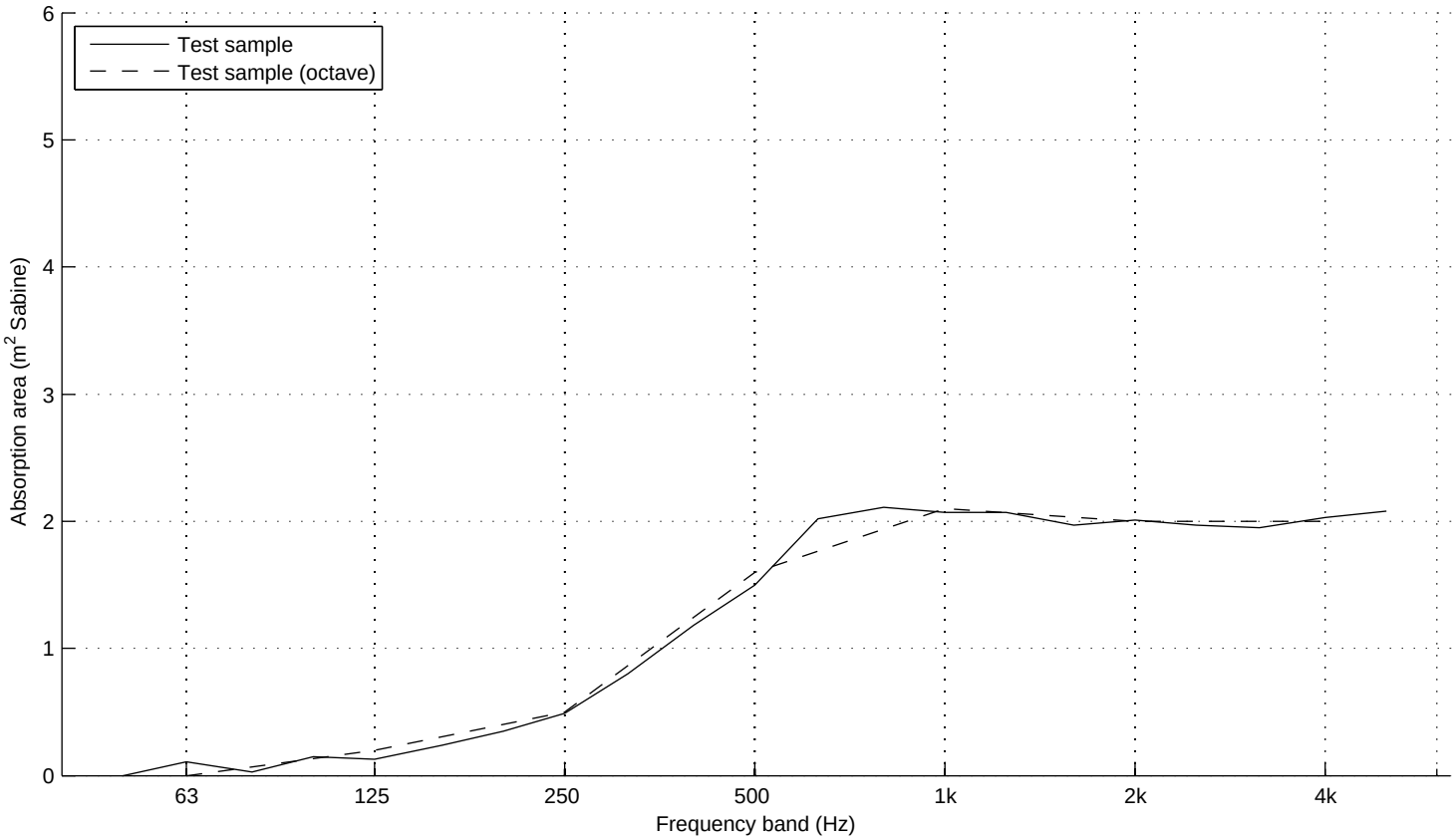
Air humidity: 76 % (empty: 76 %)

Air pressure: 101.3 kPa (empty: 101.3 kPa)

Number of specimens: 3

Measurement date: 2013−06−18

Measured by: Pontus Thorsson



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Zilenzio Dezibel Wide

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room

10036
ISO/IEC 17025

Report number:
13−07−M9
Date
2013−10−30

Frequency f [Hz]	Sound absorption area [m^2 Sabine]	
50	0.00	
63	0.12	0.0
80	0.00	
100	0.26	
125	0.36	0.4
160	0.65	
200	1.04	
250	1.14	1.4
315	1.93	
400	2.99	
500	3.76	3.8
630	4.68	
800	4.91	
1000	4.68	4.9
1250	5.00	
1600	5.14	
2000	5.20	5.1
2500	4.89	
3150	5.06	
4000	5.16	5.2
5000	5.30	

Client: Zilenzio

Manufacturer: Zilenzio

Product identification: Dezibel Wide (1 pc)

Description of test specimen:

Reverberation room volume: 200 m^3

Temperature: 15 °C (empty: 14 °C)

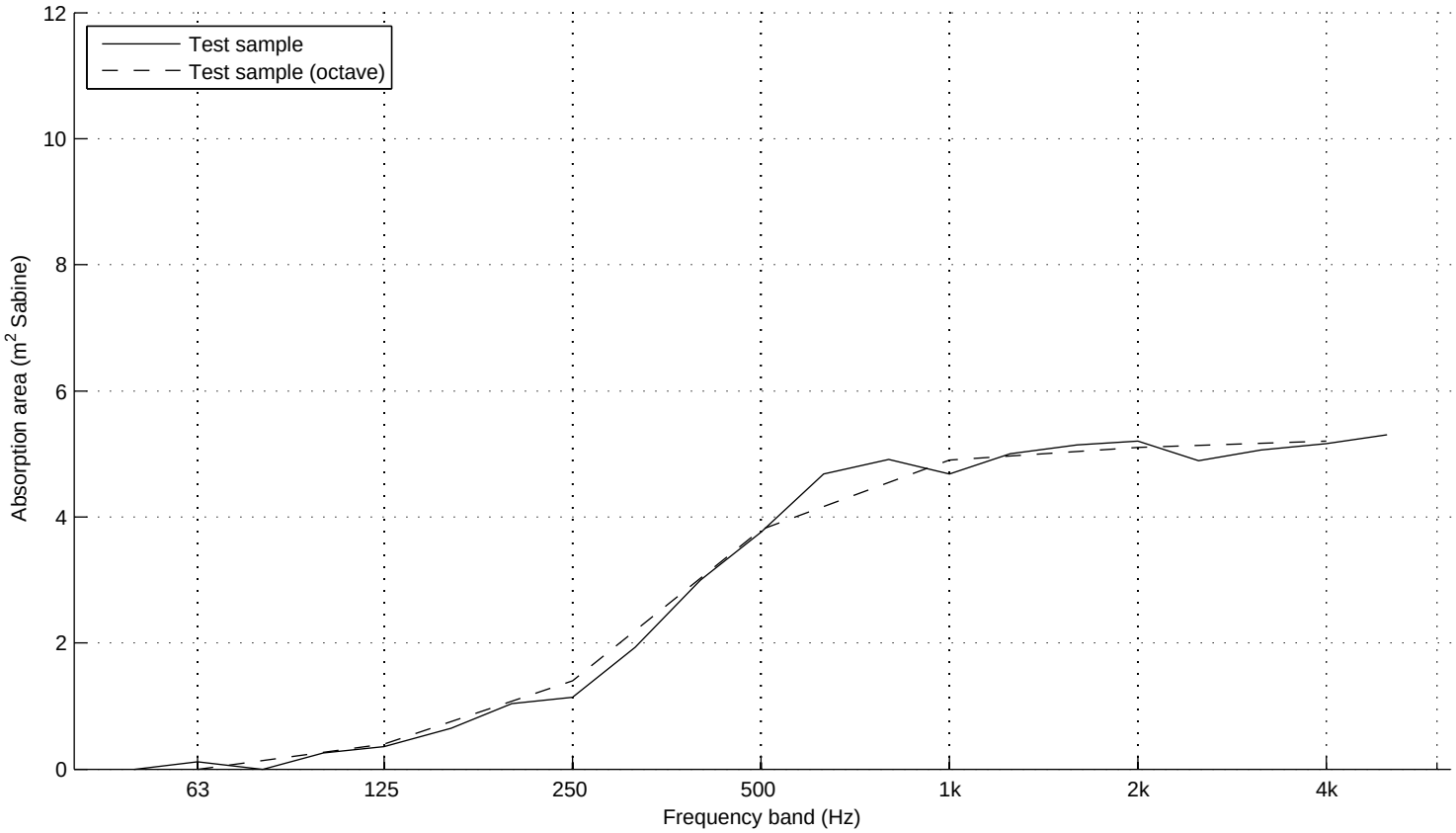
Air humidity: 76 % (empty: 76 %)

Air pressure: 101.3 kPa (empty: 101.3 kPa)

Number of specimens: 1

Measurement date: 2013−06−18

Measured by: Pontus Thorsson



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