

Optima table Screen 30 SOUND ABSORPTION
 AREA ACCORDING TO ISO 354 AND SS 25269 Measurement of sound
 absorption area in a reverberation room



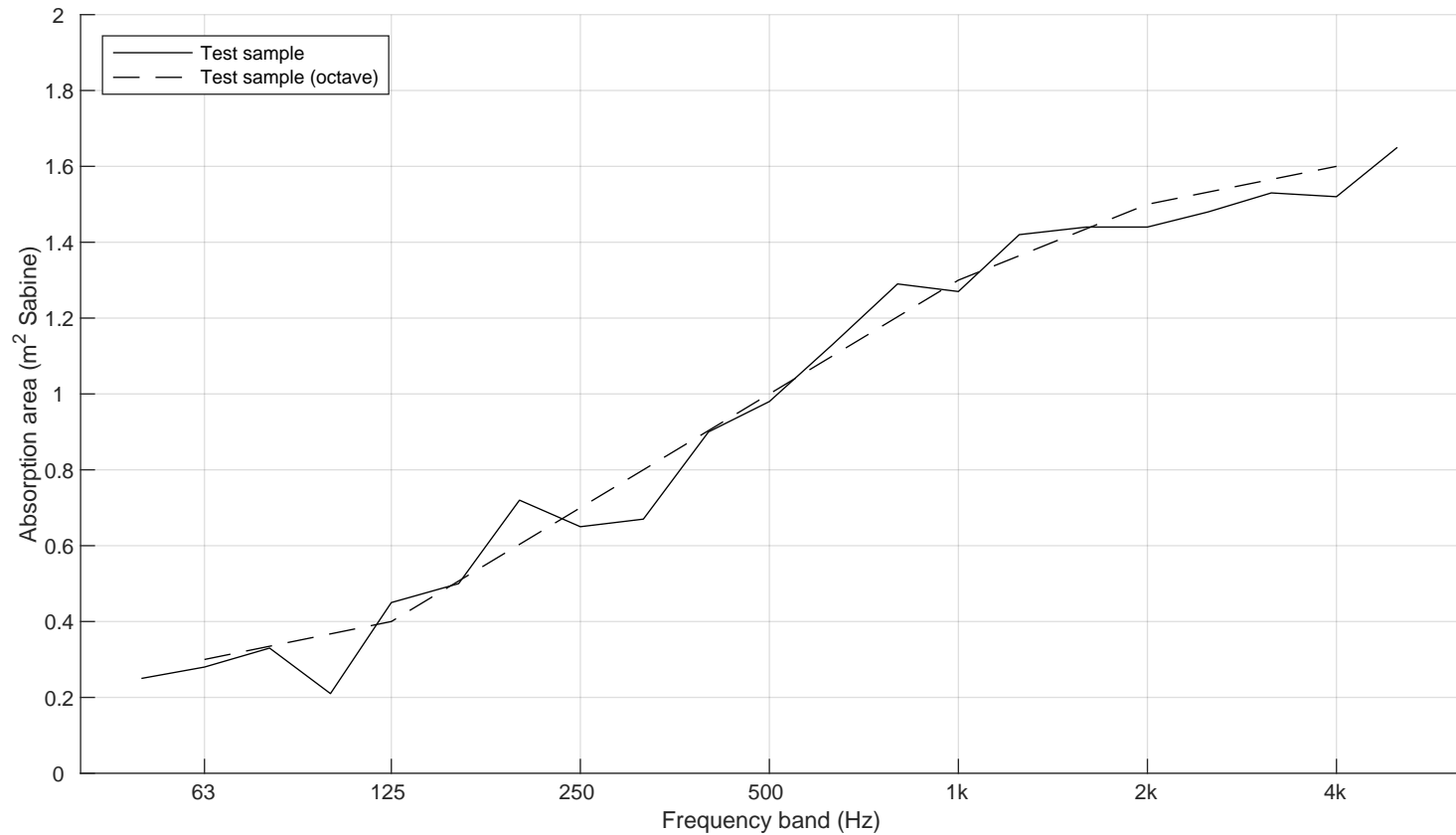
Report number:
Preliminary data
 Date
2020-03-27

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.25	
63	0.28	0.3
80	0.33	
100	0.21	
125	0.45	0.4
160	0.50	
200	0.72	
250	0.65	0.7
315	0.67	
400	0.90	
500	0.98	1.0
630	1.13	
800	1.29	
1000	1.27	1.3
1250	1.42	
1600	1.44	
2000	1.44	1.5
2500	1.48	
3150	1.53	
4000	1.52	1.6
5000	1.65	

Client: Zilenzio
 Manufacturer: Zilenzio
 Product identification: Optima
 Description of test specimen: Desk screen 1600x640x30

Reverberation room volume: 200 m³
 Temperature: 15.1 °C (empty: 14.8 °C)
 Air humidity: 36 % (empty: 36 %)
 Air pressure: 100.7 kPa (empty: 100.7 kPa)
 Number of specimens: 3

Measurement date: 2020-03-26
 Measured by: Joachim Schubert



$N_{10} = 10$