PhoneAlone
your personal space

EKO-POMIAR
PRACOWNIA AKUSTYCZNO-ŚRODOWISKOWA

Sound test

Sound Level Measurement Report conducted by: EKO-POMIAR Research Laboratory

Date of test: 15/03/2023

Tested object: PhoneAlone Meeting booth

Methodology: Based on own measurements to determine the acoustic efficiency of the cover:
- Average sound level A at a distance of 1 meter from each cabin wall.
- Average sound level A at a distance of 10 centimeters at 5 points on the back wall of the cabin.
- Average sound level A at a distance of 2 meters in fronf of and behind the cabin.

Results: Acoustic efficiency at measurement points:
The acoustic efficiency of the tested cabin was determined as the difference between the sound level measured inside the cabin (white noise emitted by a portable speaker at the level of 90,3 dB) and the sound level measured outside the cabin at different distances from the walls of the tested cabin.

Lowest measured sound level difference: **32,2 dB**

Acoustic efficiency for measurement points located around the cabin at a distance of **1 meter** from the cabin.

Measurement point	*P1*	*P2*	*P3*	*P4*
Acoustic efficiency	**37,2**	**38,3**	**38,2**	**39,4**

Acoustic efficiency for measurement points located at the back of the cabin at a distance of **0,1 meter** from the back wall.

Measurement point	*P5*	*P6*	*P7*	*P8*	*P9*
Acoustic efficiency	**34,1**	**32,7**	**32,2**	**34,8**	**36**

Acoustic efficiency for measurement points located in front and at the back of the cabin at a distance of **2 meters** from the wall (door).

Measurement points	*P10*	*P11*
Acoustic efficiency	**38,8**	**38,6**

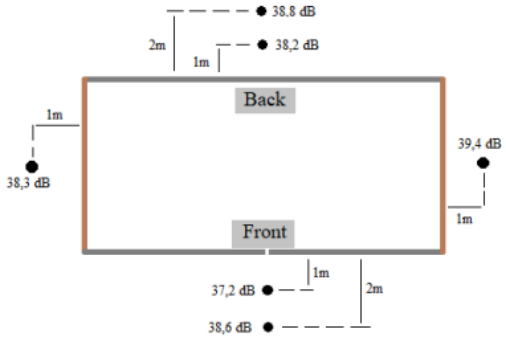

Figure 2. The view (from above) of the cabin and the location of the measurement points.

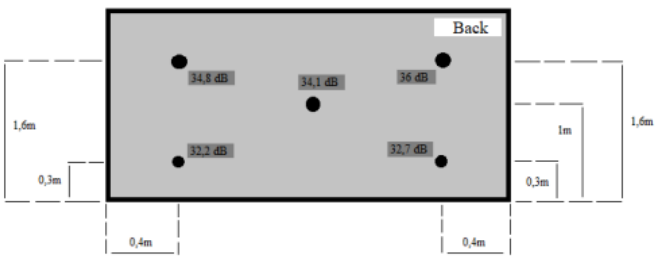

Figure 3. The view (from the back) of the cabin and the location of the measurement points on the back wall of the cabin.