



WORKSHOP

ACOUSTIC CAMERA

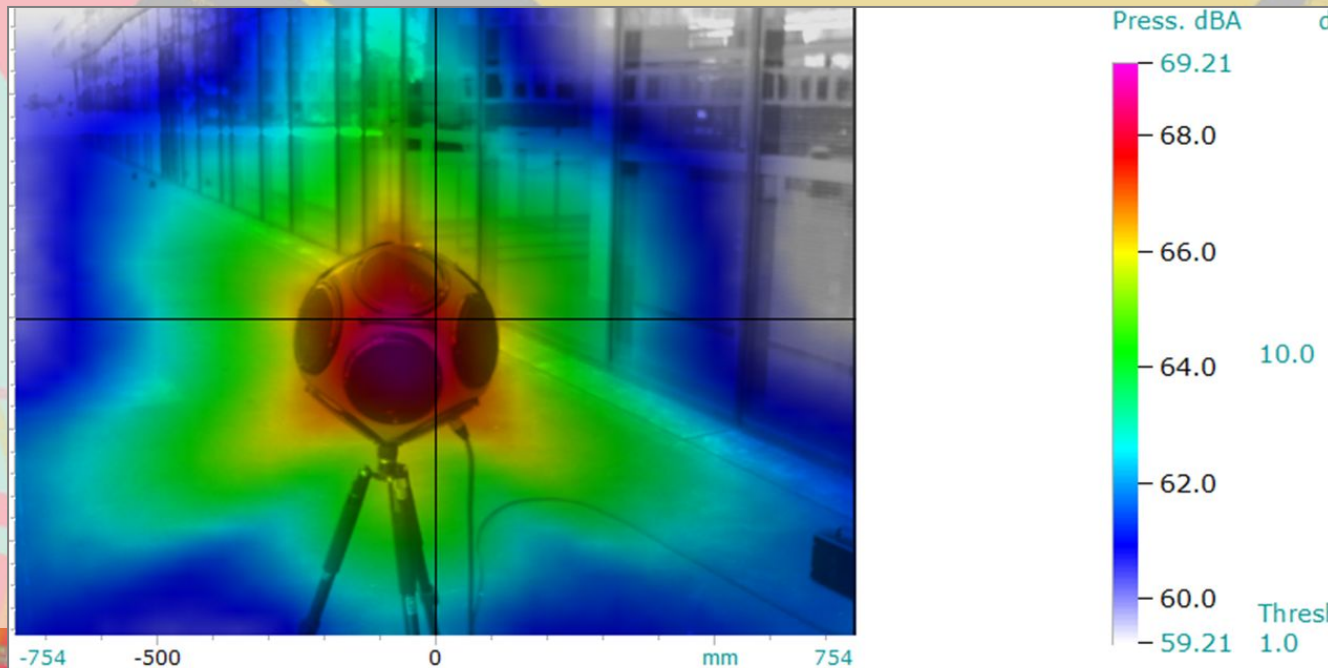
The participants' task was to take basic photos and acoustic videos of various noise sources to show the possibilities and limitations of this measurement system.

Main possibilities and limitations of the system shown during workshops:

- Measuring distance have to fit into range dependent on camera dimensions,
- Acoustic camera does not identify correctly high frequency noises,
- Acoustic camera allow to identify sound sources in choosen frequencies,
- Acoustic camera shows noise emission places, not sound sources,

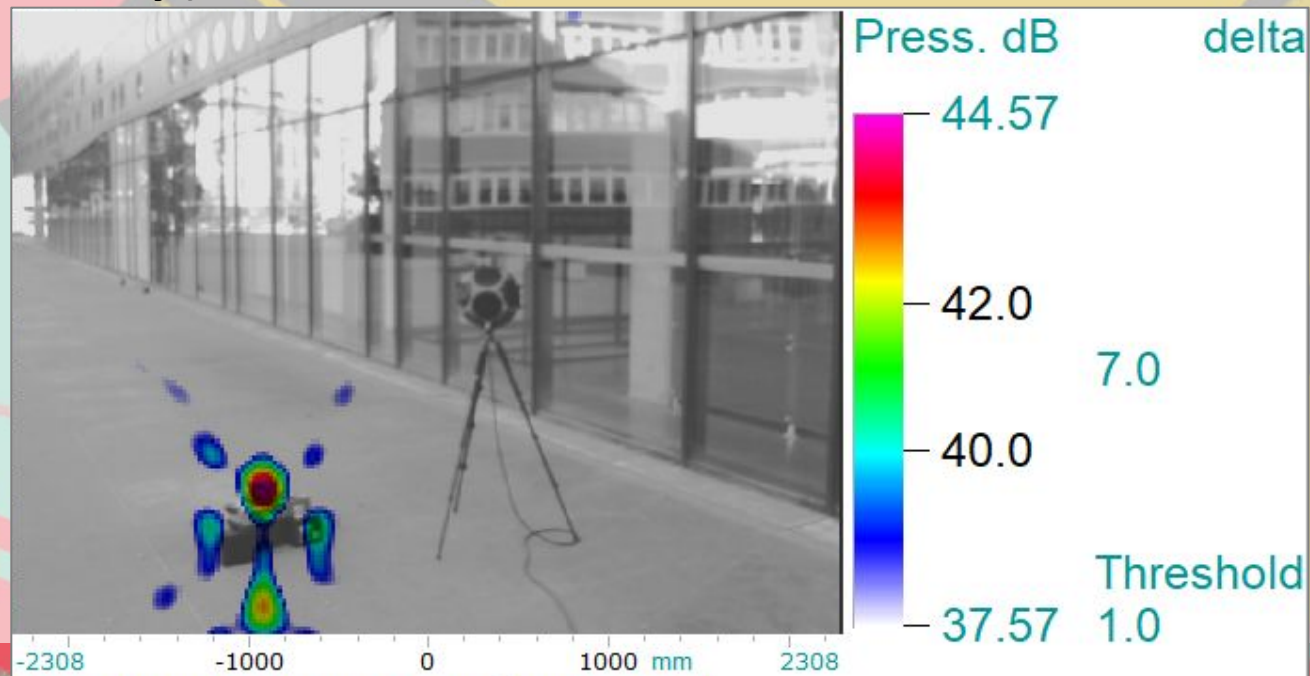
Acoustic Camera

Acoustic camera has the measurement distance range that depends on dimensions of camera and distorts sound emission shape.



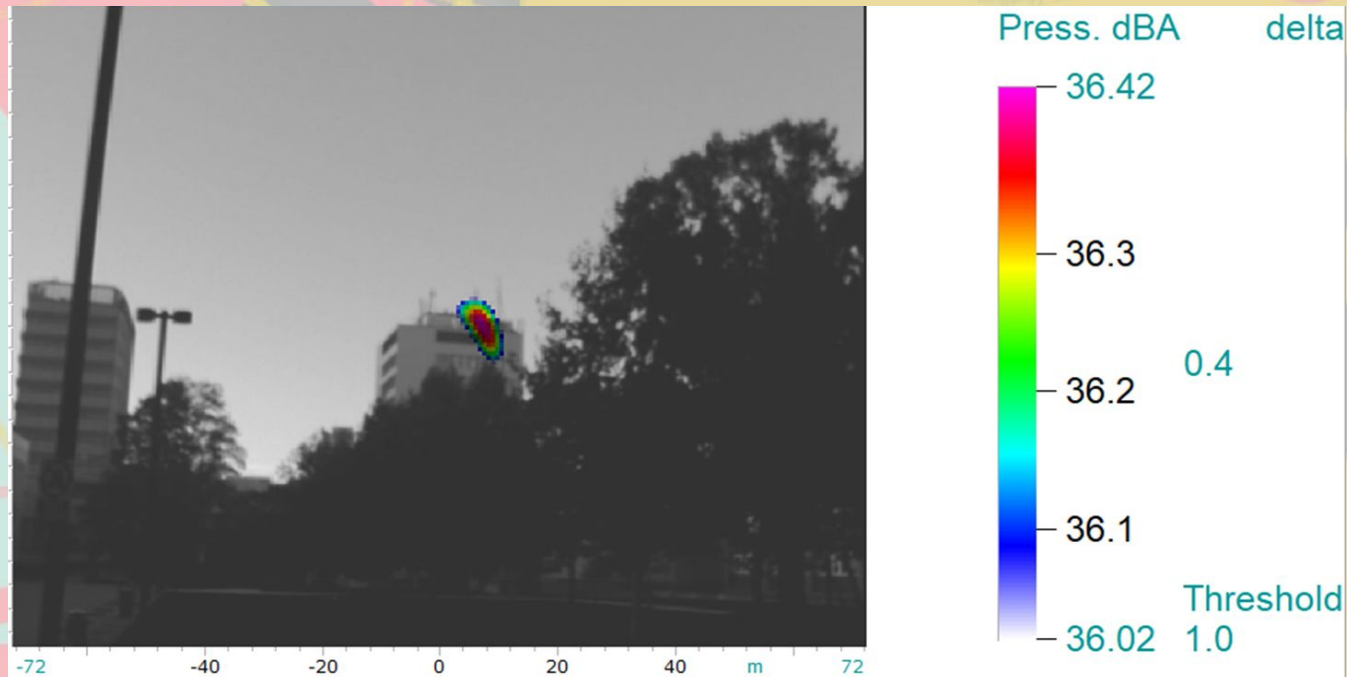
Acoustic Camera

Acoustic Camera doesn't deal well with tonal and high frequency noises (high focus dependency)

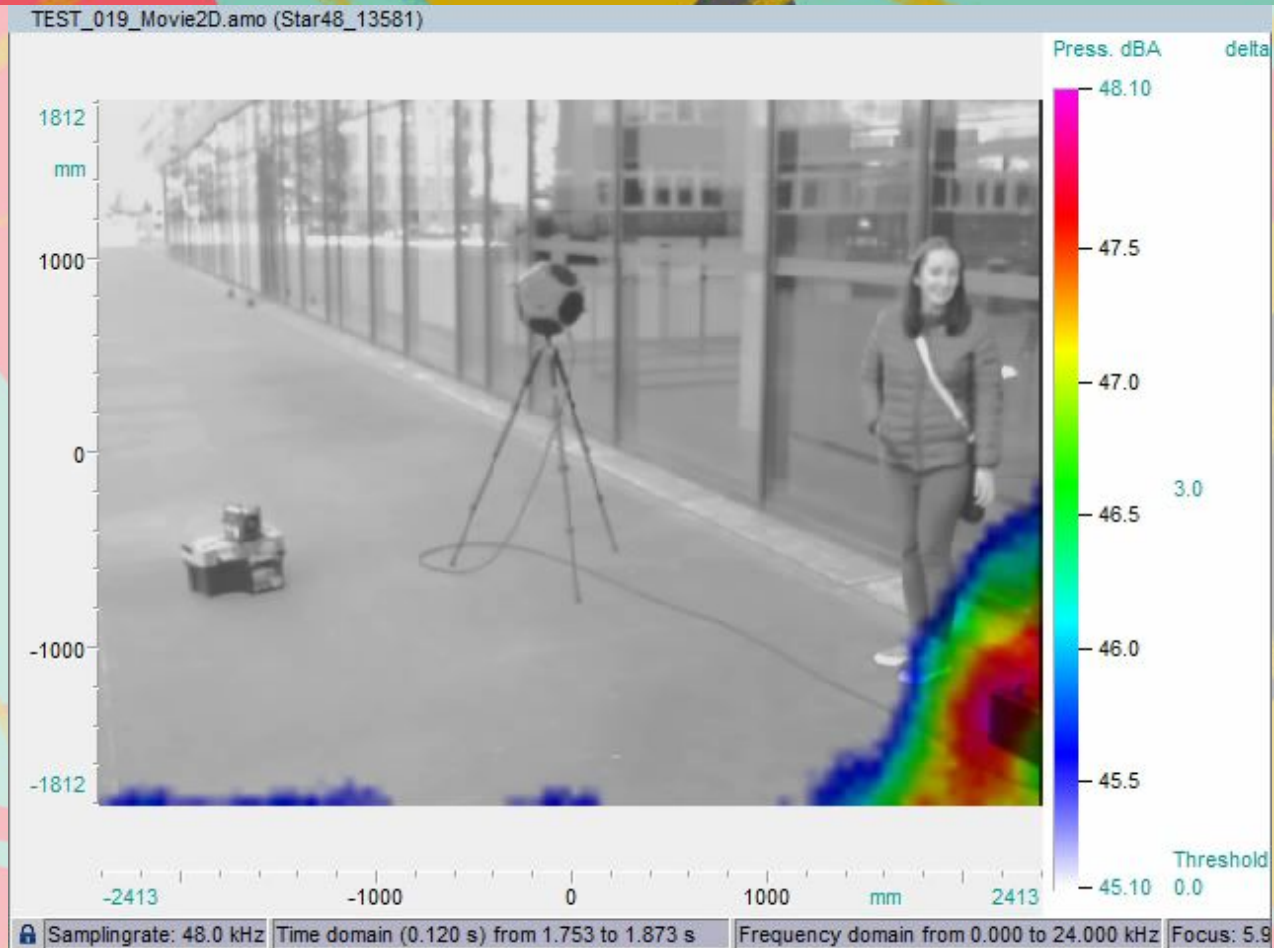


Acoustic Camera

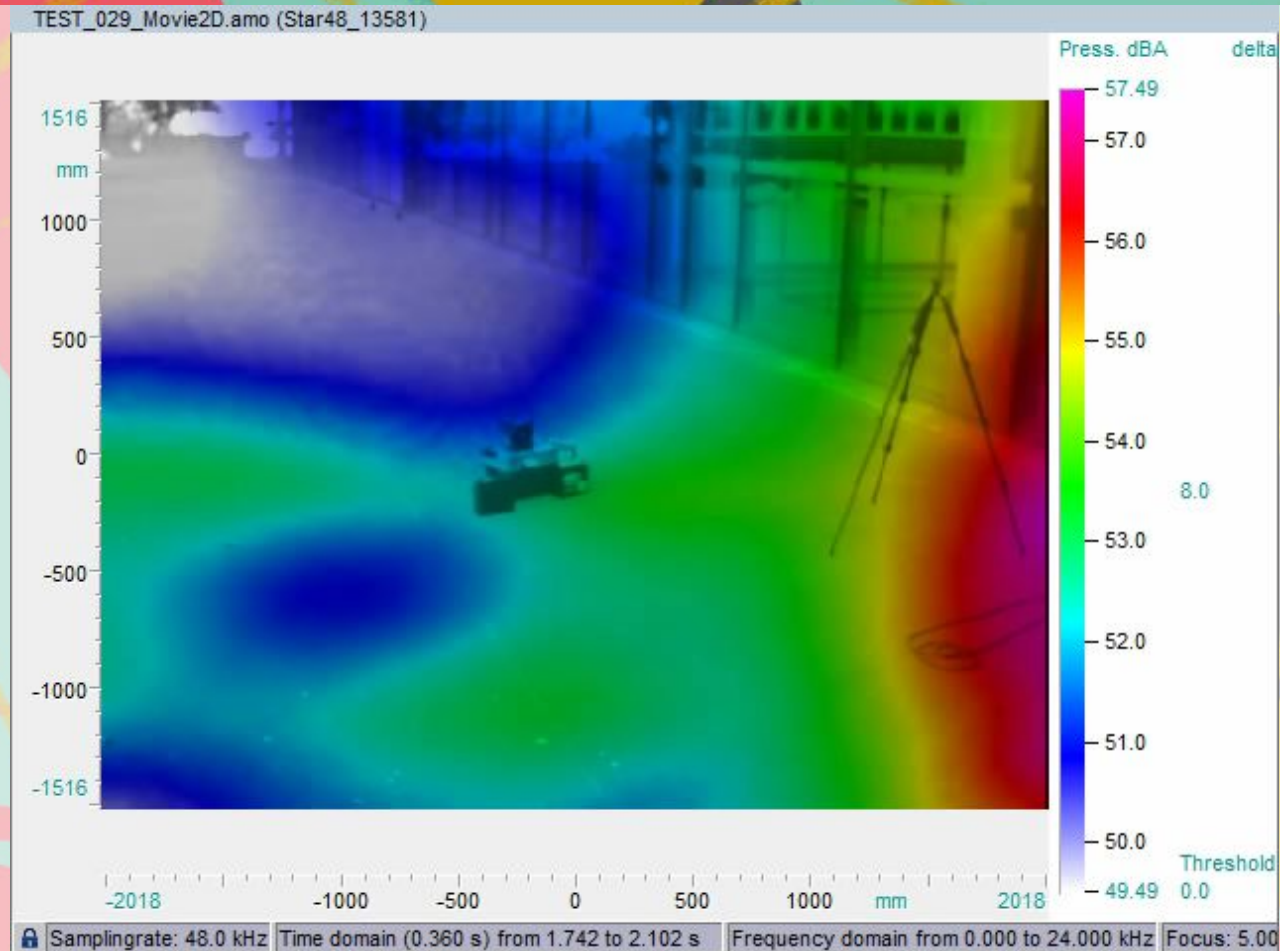
We are able to identify one frequency (on picture 1750 Hz) with acoustic camera.



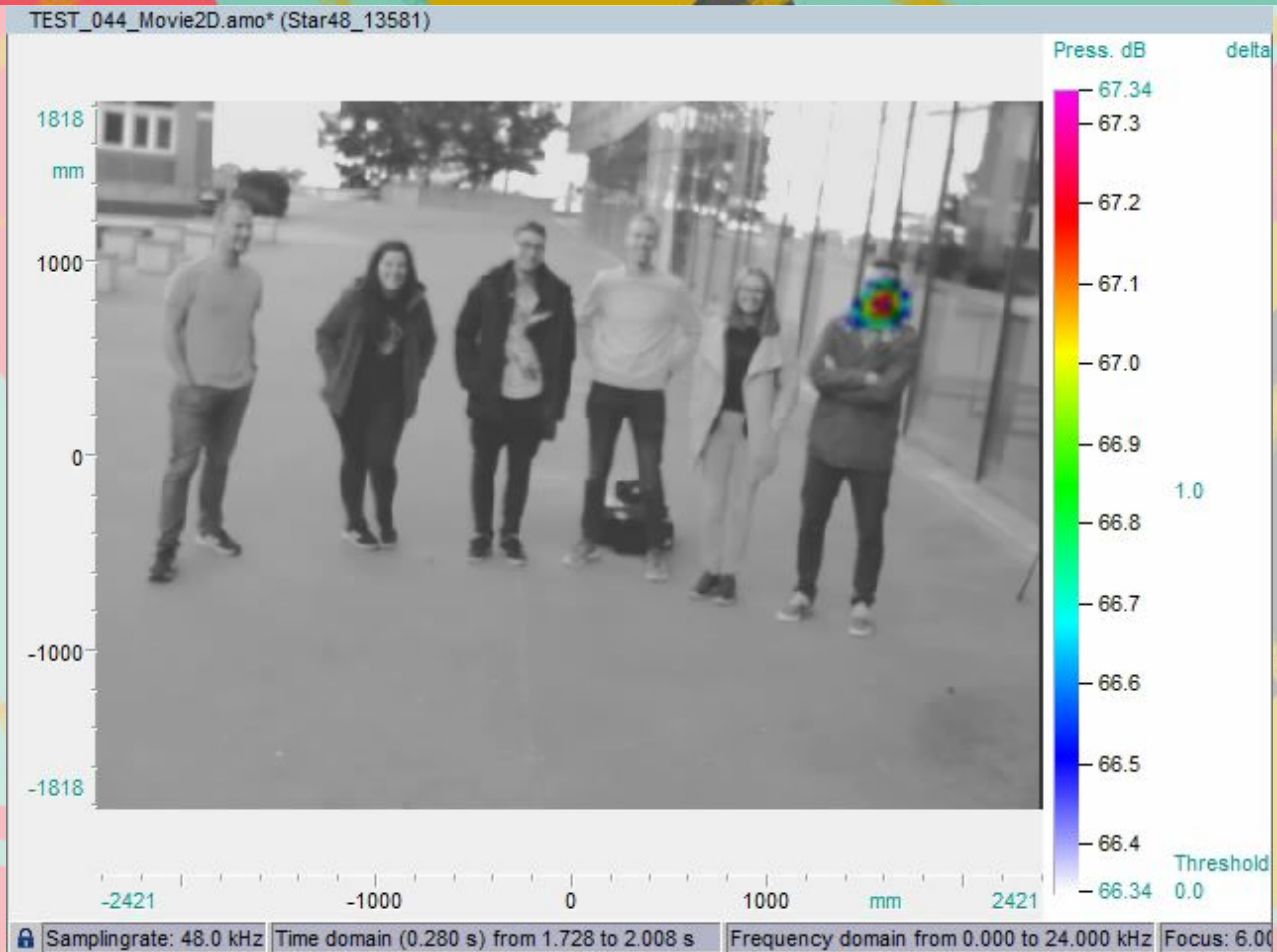
Acoustic Camera



Acoustic Camera



Acoustic Camera



Acoustic Camera

