Metingen

# Afmetingen freq response

## Speaker

Hoogte plafond = 2.4m

Hoogte speaker = 1.2m

Afstand mic = 0.43m

Volume aan microfoon = 79 dB SPL

## Subwoofer

Hoogte plafond = 2.4m

Hoogte speaker = 1.2m

Afstand mic = 2.5cm

Volume aan microfoon = 106 dB SPL

# Distortie resultaten

## Shure sm57

Clipping = 122 dB SPL

## Dayton

Clipping = 101 dB SPL

## Infineon

Clipping point = 130 dB SPL

-0.7 dB FS peak

-4.5 dB FS RMS

## CUI BOTTOM

Clipping point 115 dB SPL

-1.6 dB FS peak

-4.6 dB FS RMS

## CUI TOP

Clipping point 119 dB SPL

-1.8 dB FS peak

-4.9 dB FS RMS

## ST

Clipping point 120 dB SPL

0 dB FS peak

-2.5 dB FS RMS

# Noise floor

## Shure sm75

Graphical user interface, text

Description automatically generated

## Dayton

Table

Description automatically generated

## ST

Chart

Description automatically generated

## Infineon

Graphical user interface, table, Excel

Description automatically generated

## CUI TOP

Chart

Description automatically generated

## CUI BOTTOM

Graphical user interface, chart

Description automatically generated

# SNR

## Shure sm57

Clipping = 122 dB SPL

Noise floor = 33.3 dB SPL

S/N ratio = 88.7 dB

## Dayton

Clipping = 101 dB SPL

Noise floor = 58.48 dB SPL

S/N ratio = 42.52 dB

## Infineon

Clipping = 130 dB SPL

Noise floor = 40.73 dB SPL

S/N ratio = 89.27 dB

## ST

Clipping = 120 dB SPL

Noise floor = 32.31 dB SPL

S/N ratio = 87.69 dB

## CUI bottom

Clipping = 115 dB SPL

Noise floor = 34.70 dB SPL

S/N ratio = 80.30 dB

## CUI top

Clipping = 119 dB SPL

Noise floor = 37.17 dB SPL

S/N ratio = 81.83 dB