



Report of THE 21 WFSUB Pro Passive Sealed

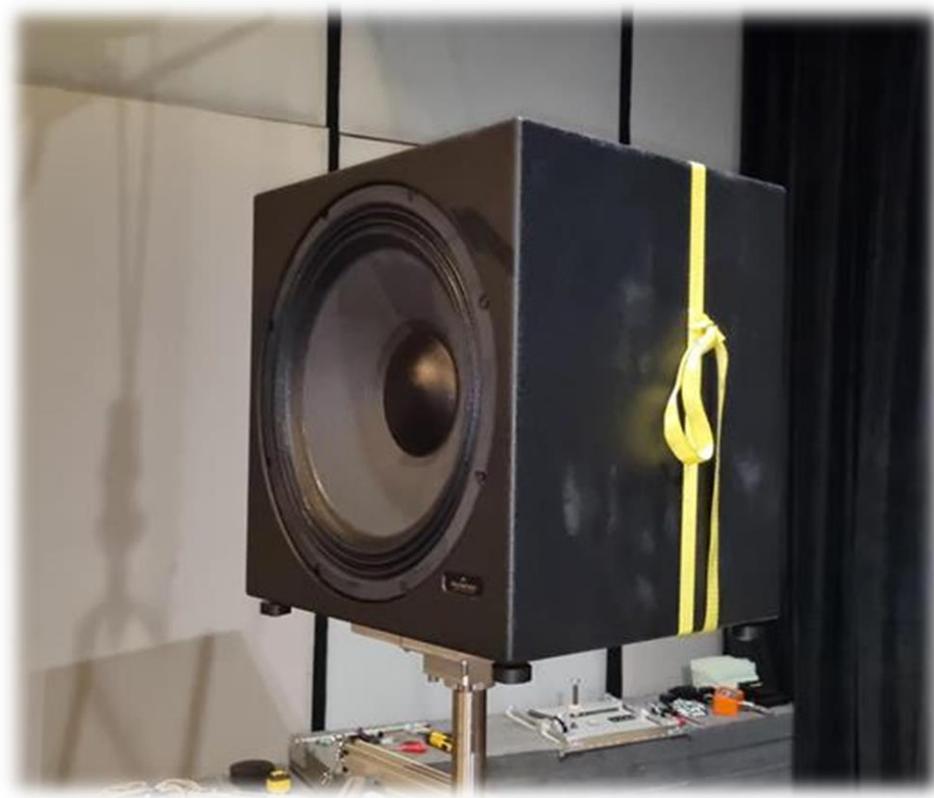
ASCENDO

Date	Author	Changes	Version
11/10/2024	AB		V1

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1. Pictures of measurements

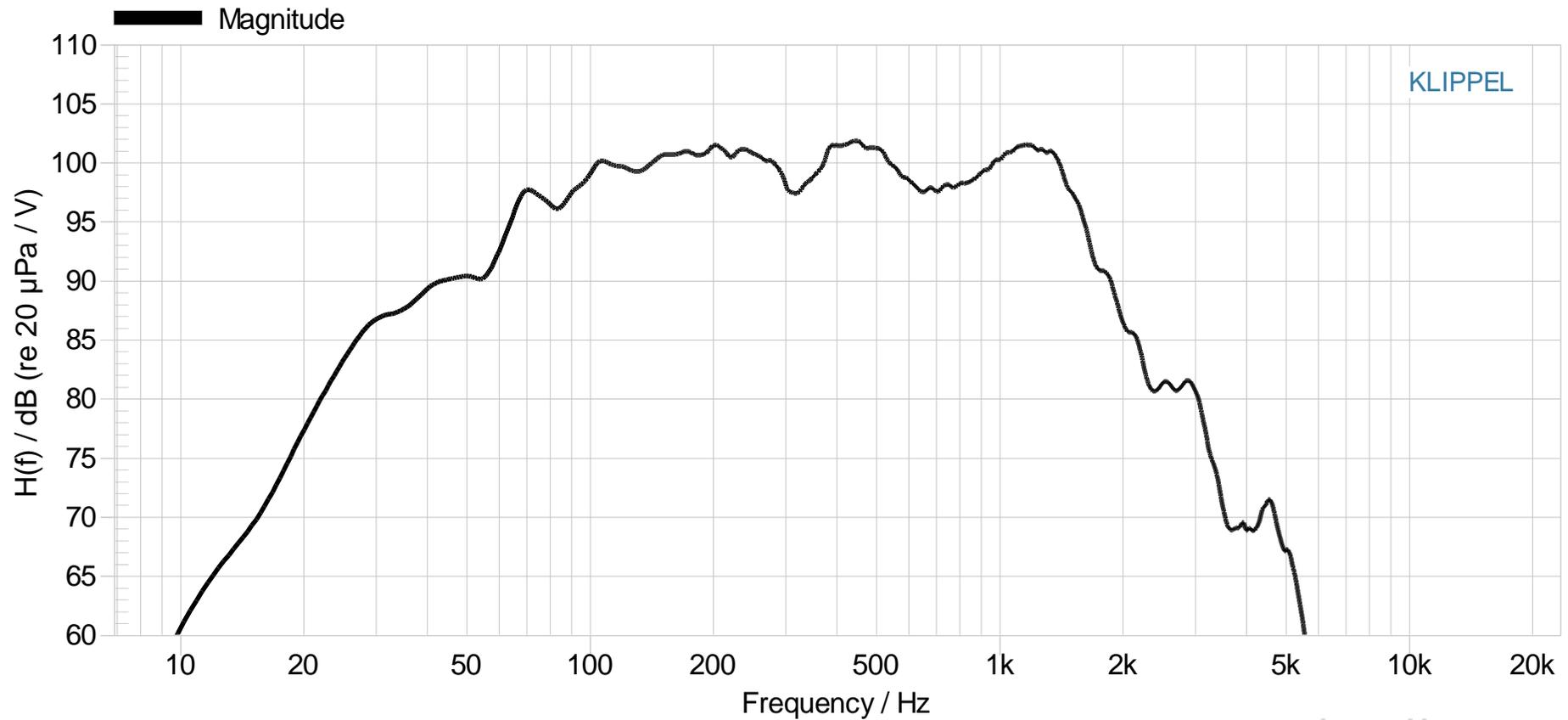


2. Frequency Response

2v @1m (1W@Zn)– 1/6 oct. Smoothing

Magnitude of transfer function $H(f)$

$H(f)$ = Signal at IN2 / Voltage Speaker 1

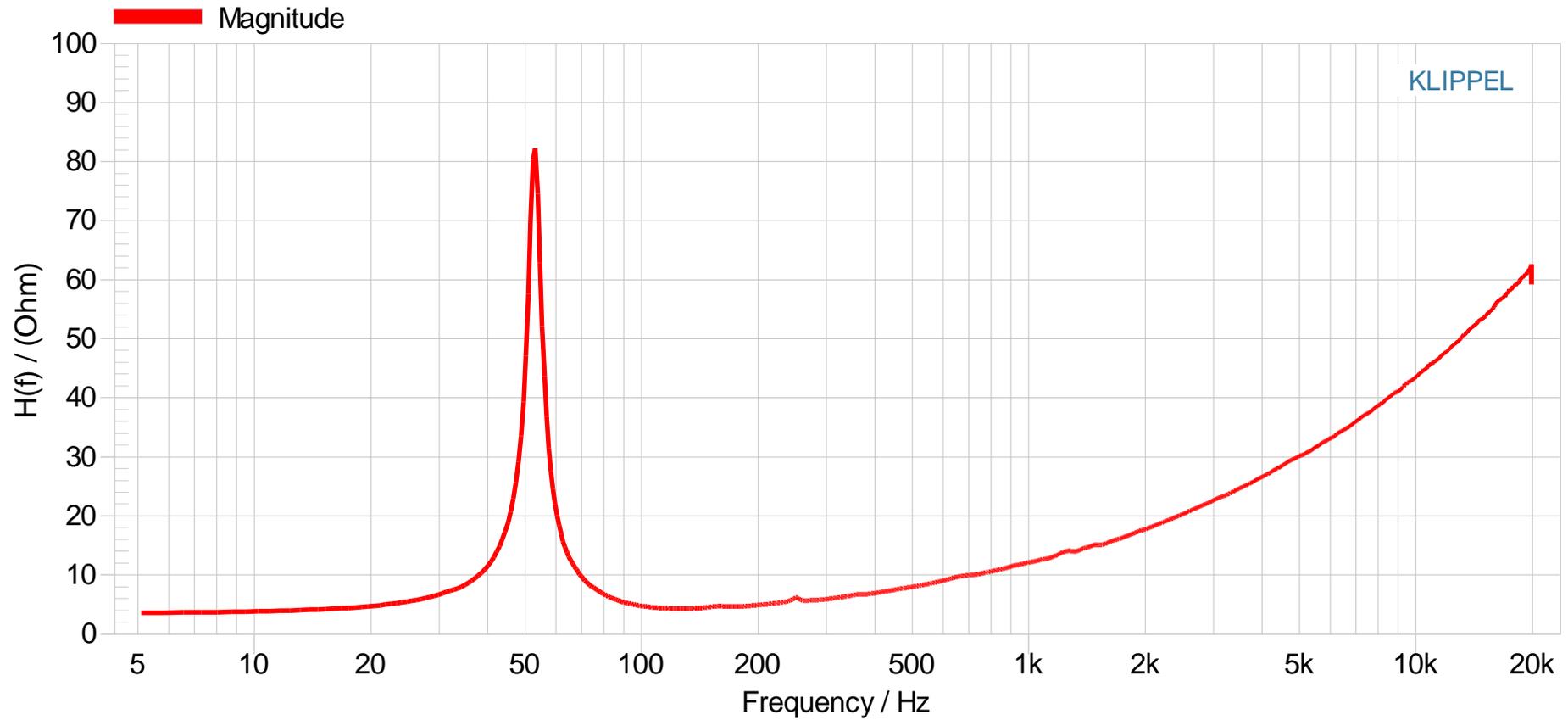


3. Impedance Curve

No Smoothing

Magnitude of transfer function $H(f)$

$$H(f) = \text{Voltage Speaker 1} / \text{Current Speaker 1}$$



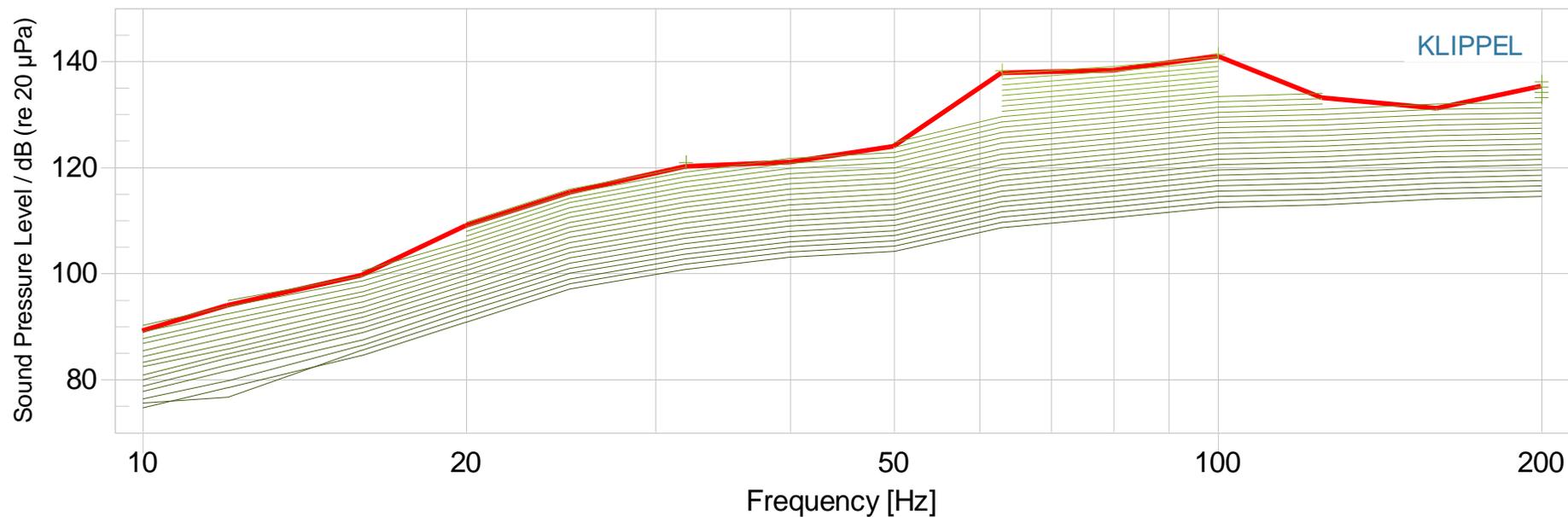
4. CEA2010B Powersoft K20 (Bridge Mode)

4.1. Max Peak SPL

Peak Value - IN2 (Mic)

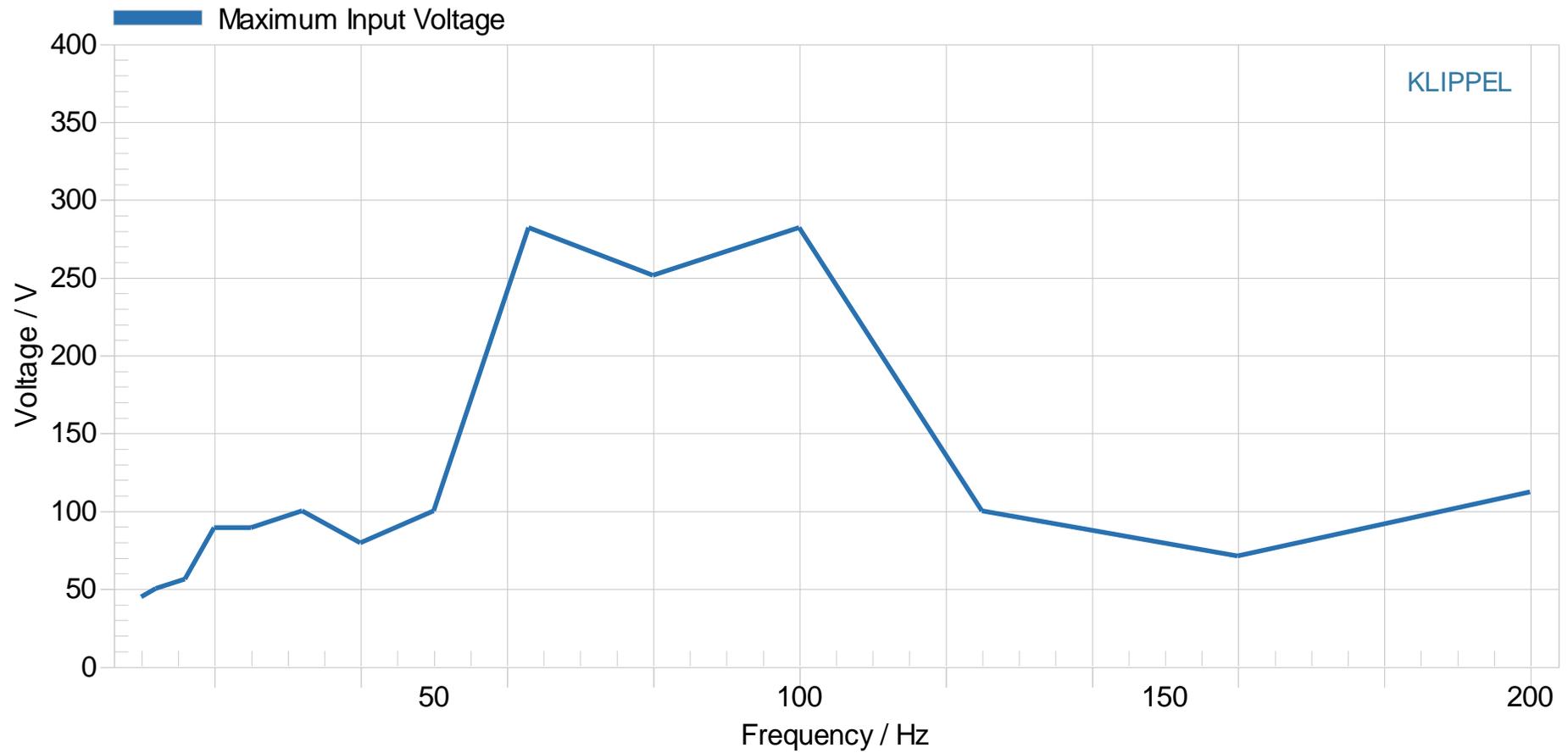
referenced to 1 m - Half space (2 pi)

█ Max Passed	█ 10 V	█ 11.22 V	█ 12.59 V	█ 14.13 V	█ 15.85 V
█ 17.78 V	█ 19.95 V	█ 22.39 V	█ 25.12 V	█ 28.18 V	█ 31.62 V
█ 35.48 V	█ 39.81 V	█ 44.67 V	█ 50.12 V	█ 56.23 V	█ 63.1 V
█ 70.79 V	█ 79.43 V	█ 89.13 V	█ 100 V	█ 112.2 V	█ 125.89 V
█ 141.25 V	█ 158.49 V	█ 177.83 V	█ 199.53 V	█ 223.87 V	
█ 251.19 V	█ 281.84 V	█ 316.23 V			



4.2. Max Peak Voltage

Maximum passed Input Voltage vs. Frequency Profile



4.3. THD on Burst

Total Burst Distortion - IN2 (Mic)

