

Report of THE18 SUB PRO PASSIVE VENTED

ASCENDO

Date	Author	Changes	Version
20/12/2021	GL		V1

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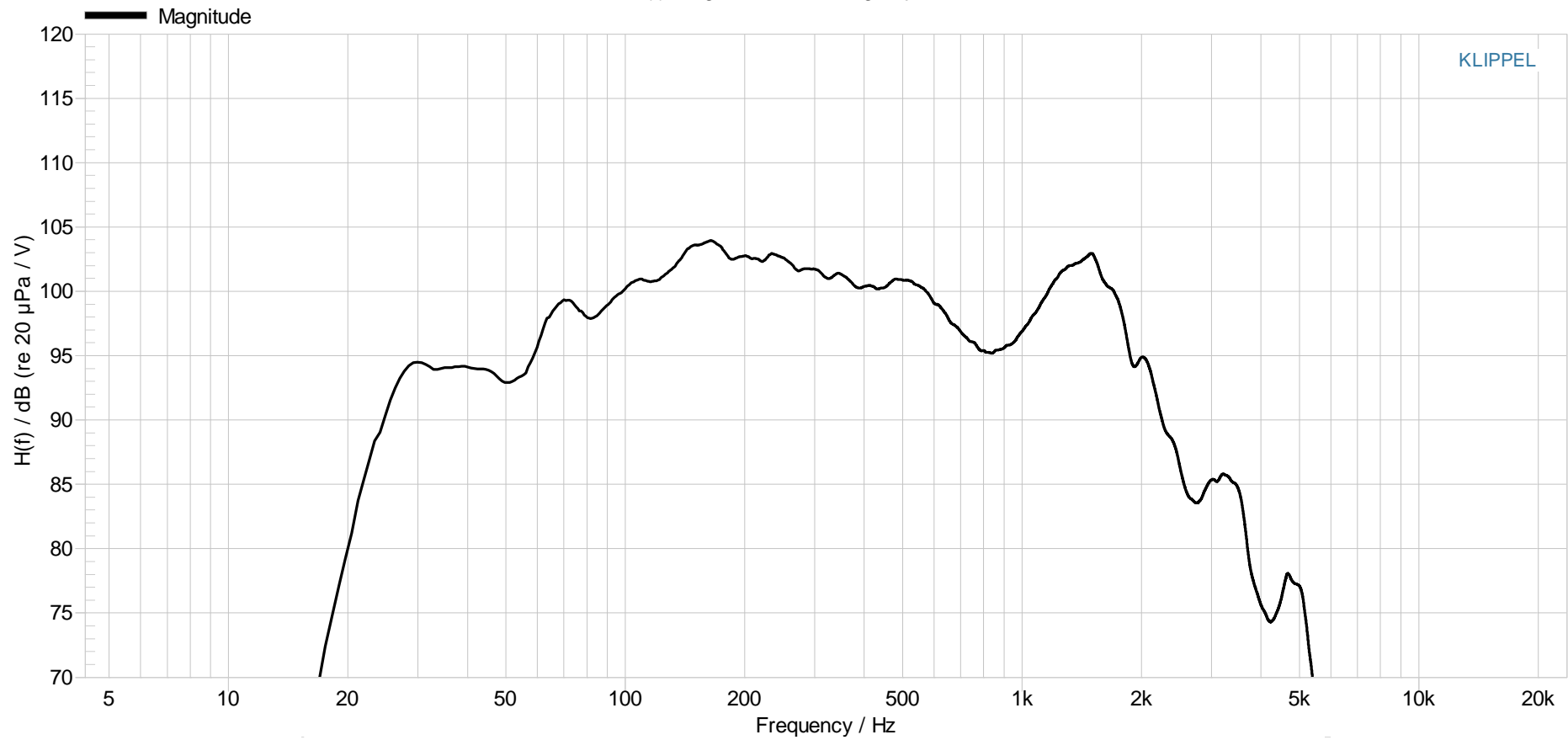
1. Pictures of measurements



2. Frequency Response

2,83v @1m – 1/12 oct. Smoothing – Anechoic Response – 2Pi strd

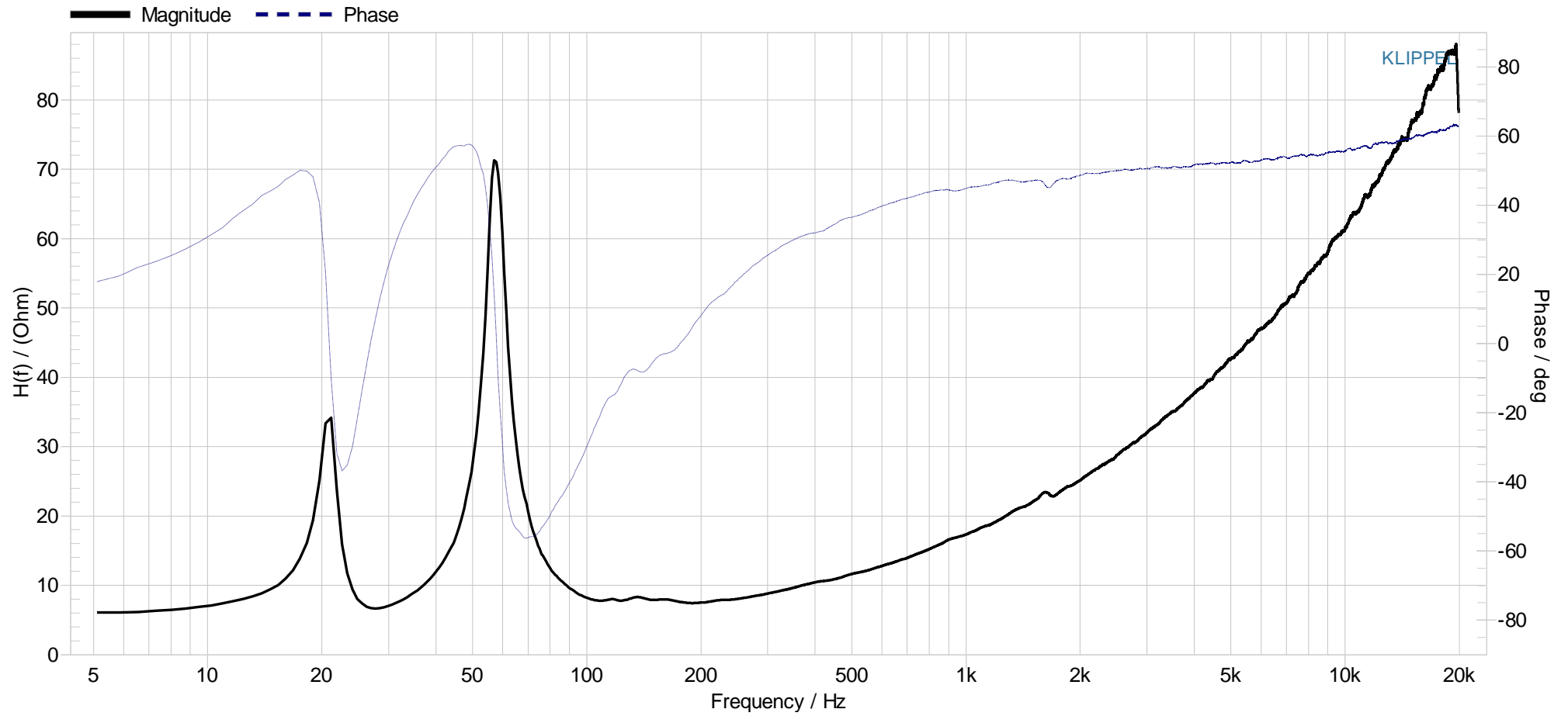
Magnitude of transfer function $H(f)$
 $H(f) = \text{Signal at IN2} / \text{Voltage Speaker 1}$



3. Impedance Curve

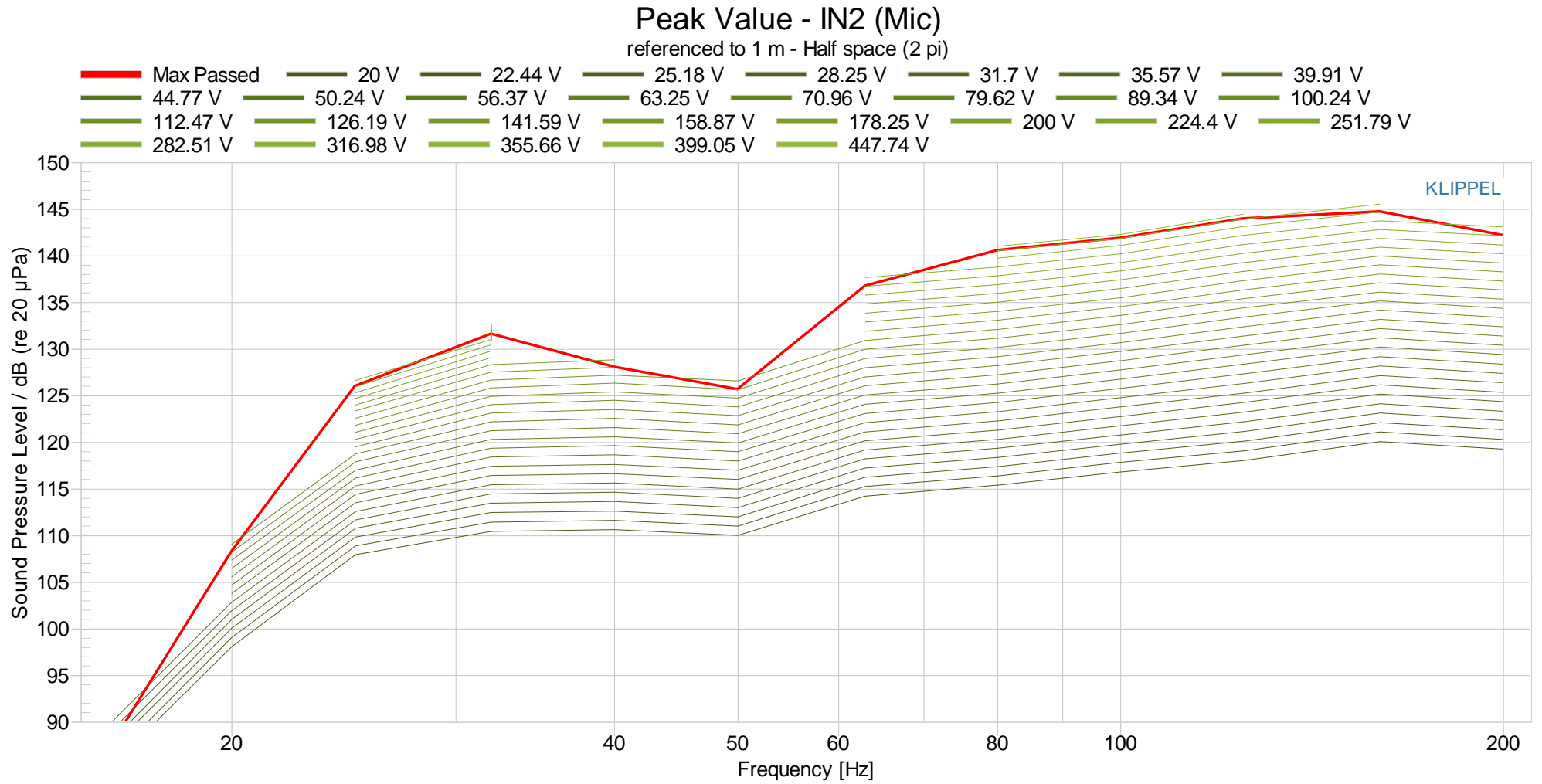
1/12 oct. Smoothing

Magnitude of transfer function $H(f)$
 $H(f) = \text{Voltage Speaker 1} / \text{Current Speaker 1}$



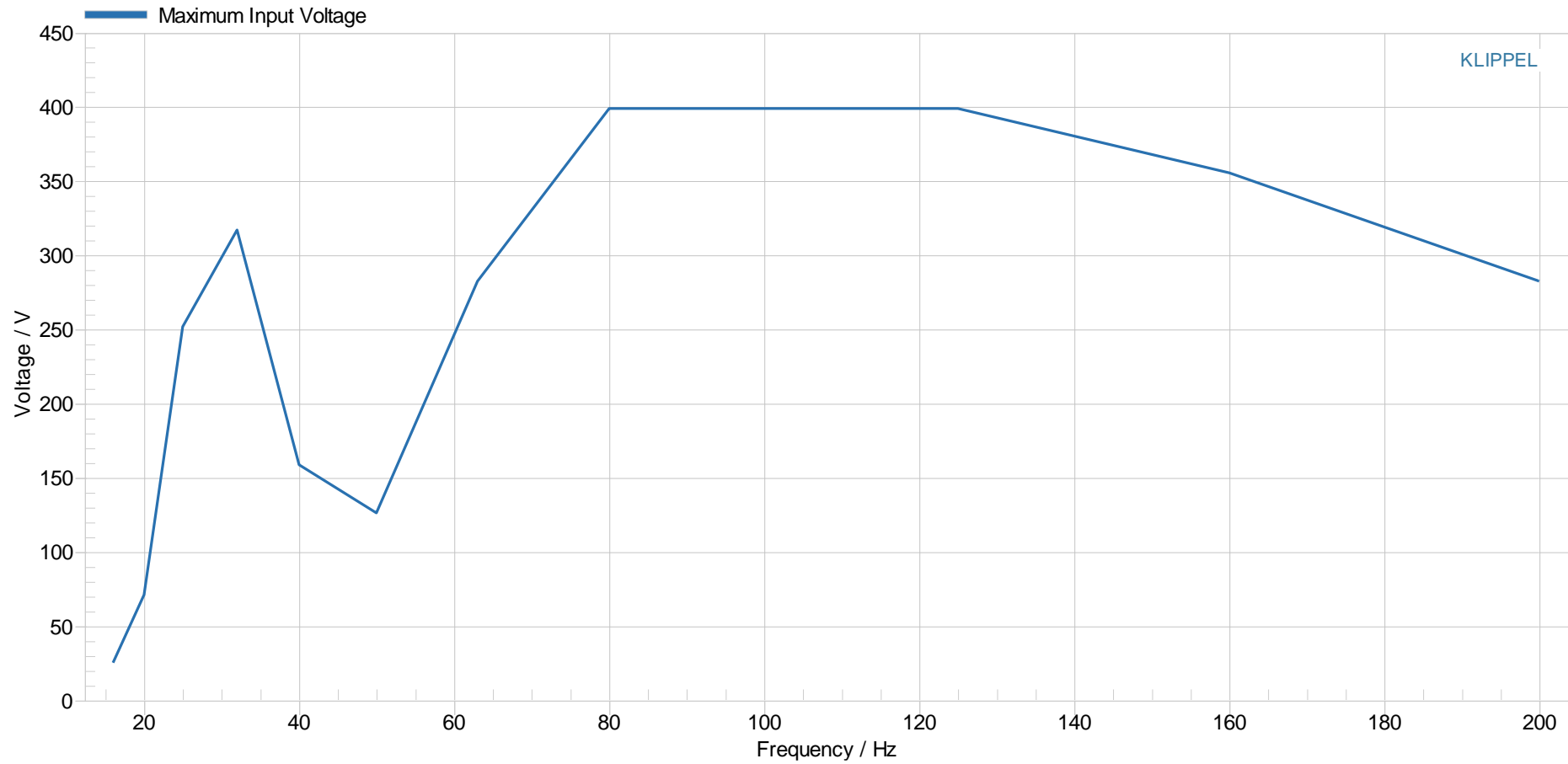
4. CEA2010B

4.1. Max Peak SPL



4.2. Max Peak Voltage

Maximum passed Input Voltage vs. Frequency Profile



4.3. THD on Burst

Total Burst Distortion - IN2 (Mic)

