

Report of the THE18 SUB PRO PASSIVE SEALED

ASCENDO _____

| Date | Author | Changes | Version |
|------------|--------|---------|---------|
| 20/12/2021 | GL | | V1 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Summary

| | |
|-----------------------------------|---|
| 1. Pictures of measurements | 3 |
| 2. Frequency Response | 4 |
| 3. Impedance Curve | 5 |
| 4. CEA2010B | 6 |
| 4.1. Max Peak SPL..... | 6 |
| 4.2. Max Peak Voltage..... | 7 |
| 4.3. THD on Burst..... | 8 |

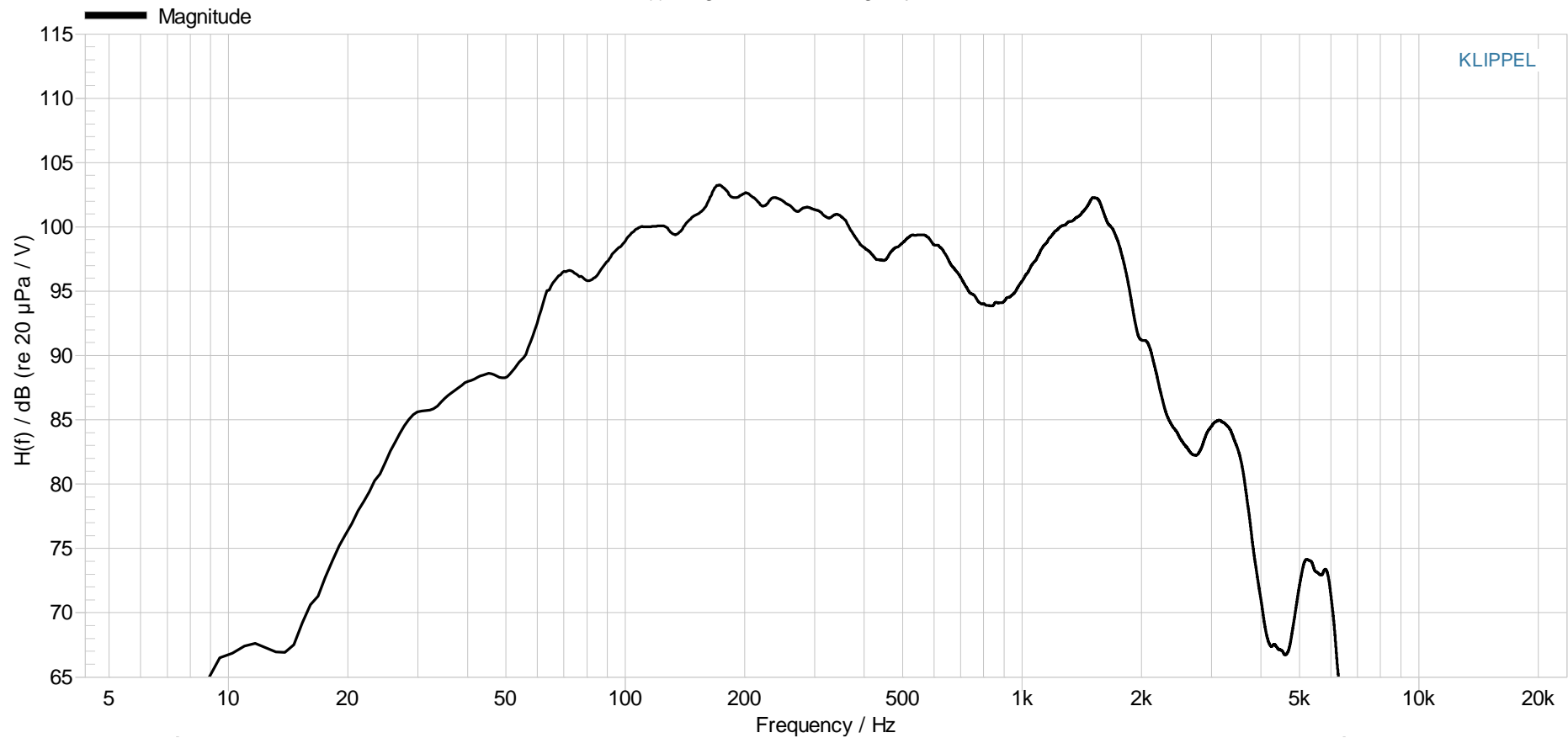
1. Pictures of measurements



2. Frequency Response

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

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

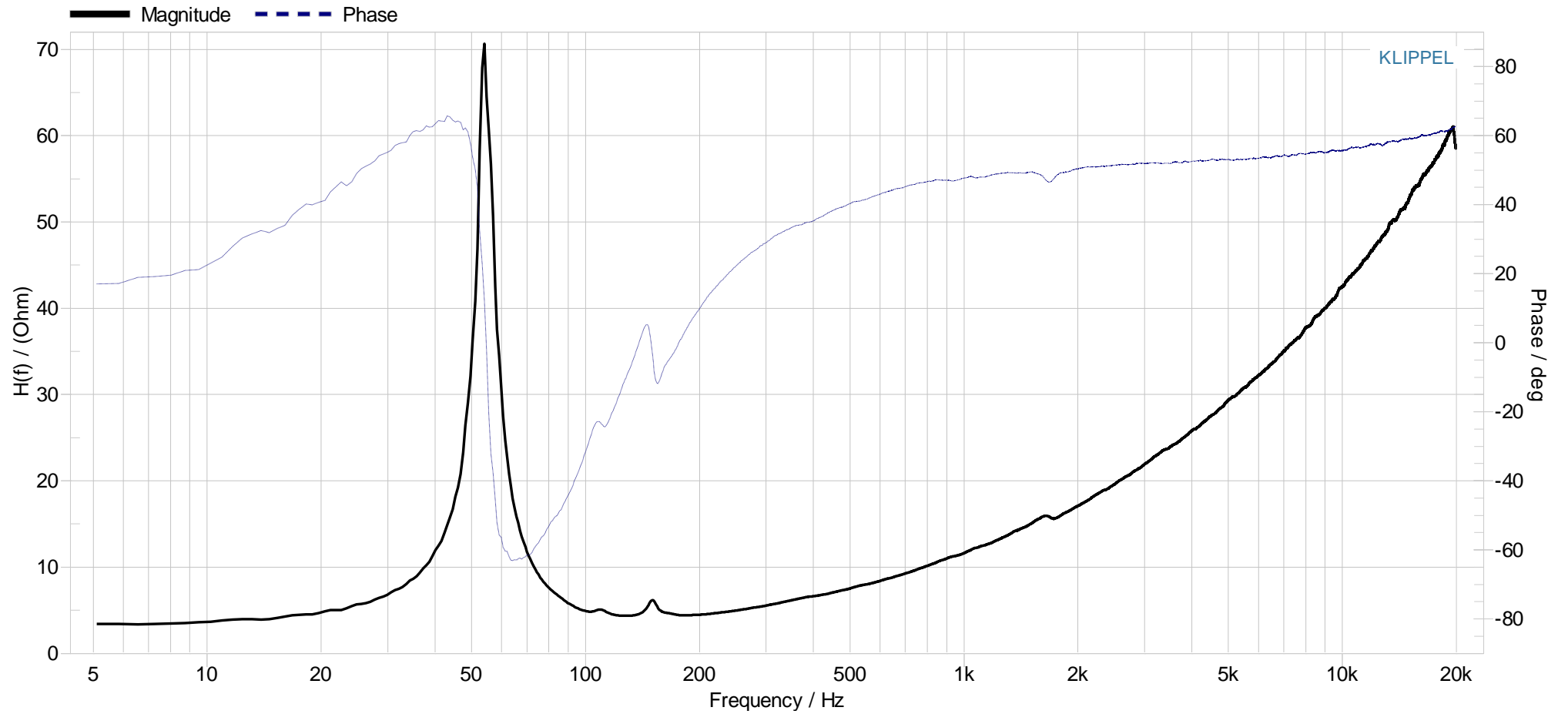


3. Impedance Curve

1/12 oct. Smoothing

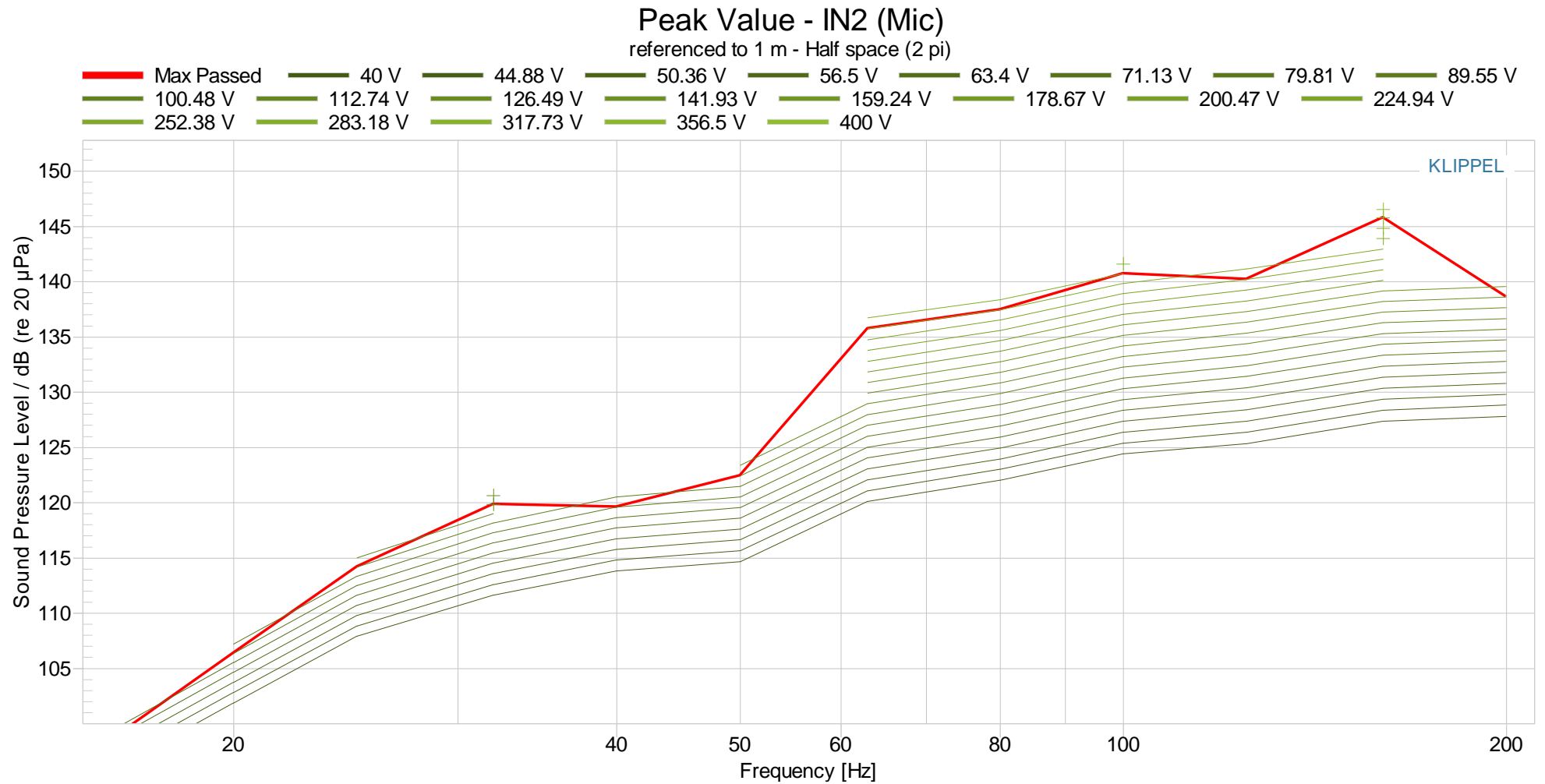
Magnitude of transfer function $H(f)$

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



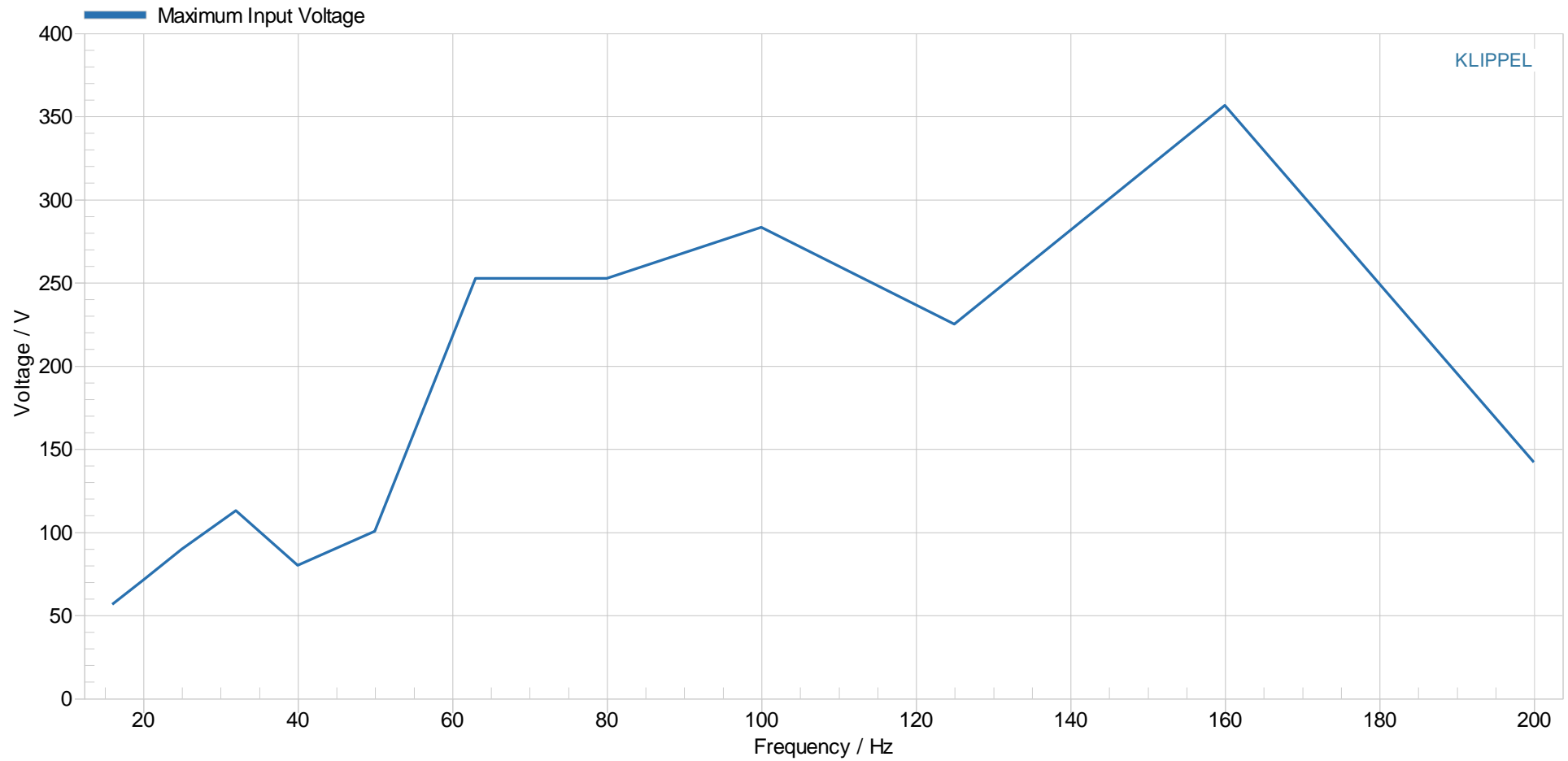
4. CEA2010B

4.1. Max Peak SPL



4.2. Max Peak Voltage

Maximum passed Input Voltage vs. Frequency Profile



4.3. THD on Burst

