

AVE GmbH

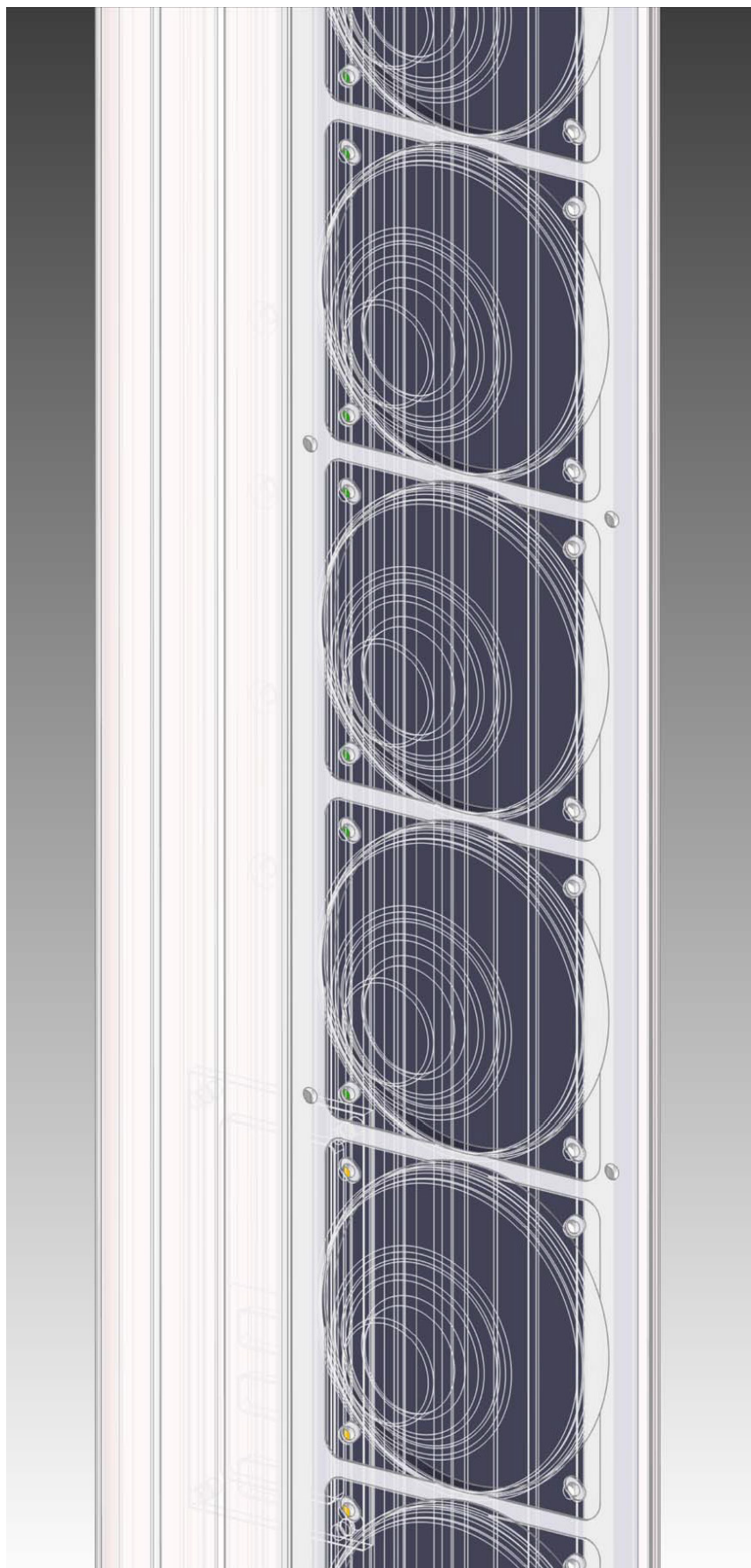
Digitally Steerable Column Speaker
Ascolto



A.V.E. GmbH

**Audio Vertriebs-
Entwicklungsgesellschaft**

Germany



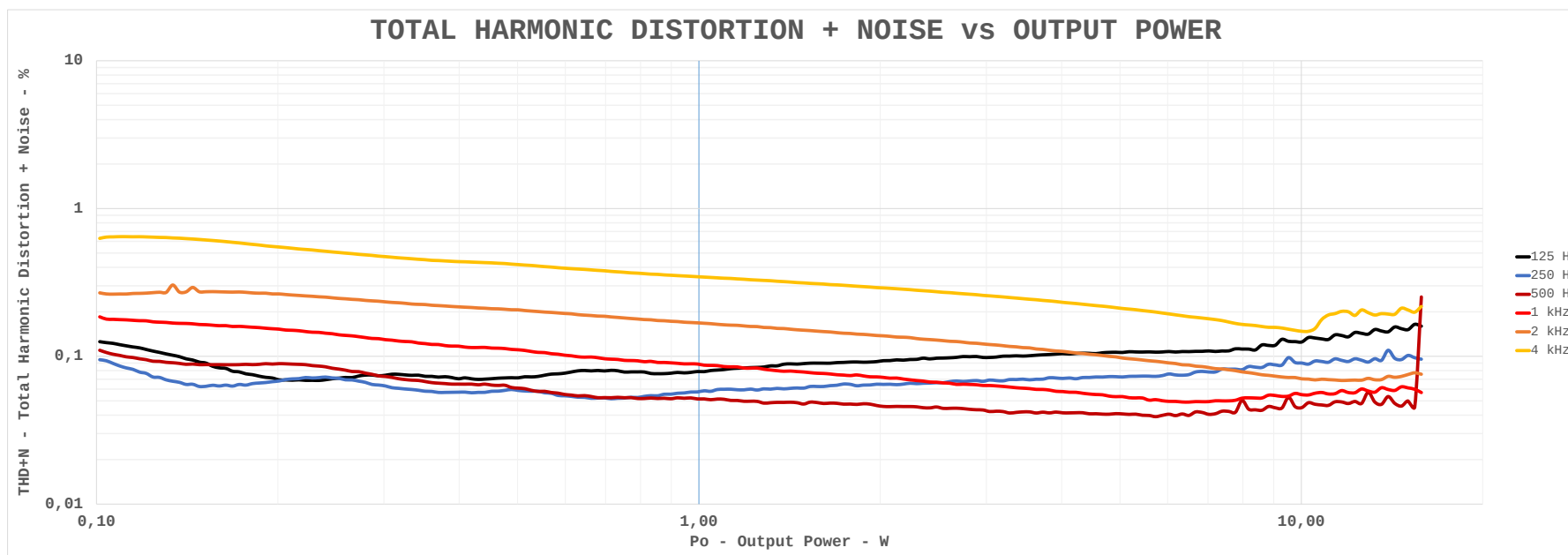
**Digitally
Steerable
Column
Speaker**

Ascolto

**Series AH, LH
Audio
Measurements**

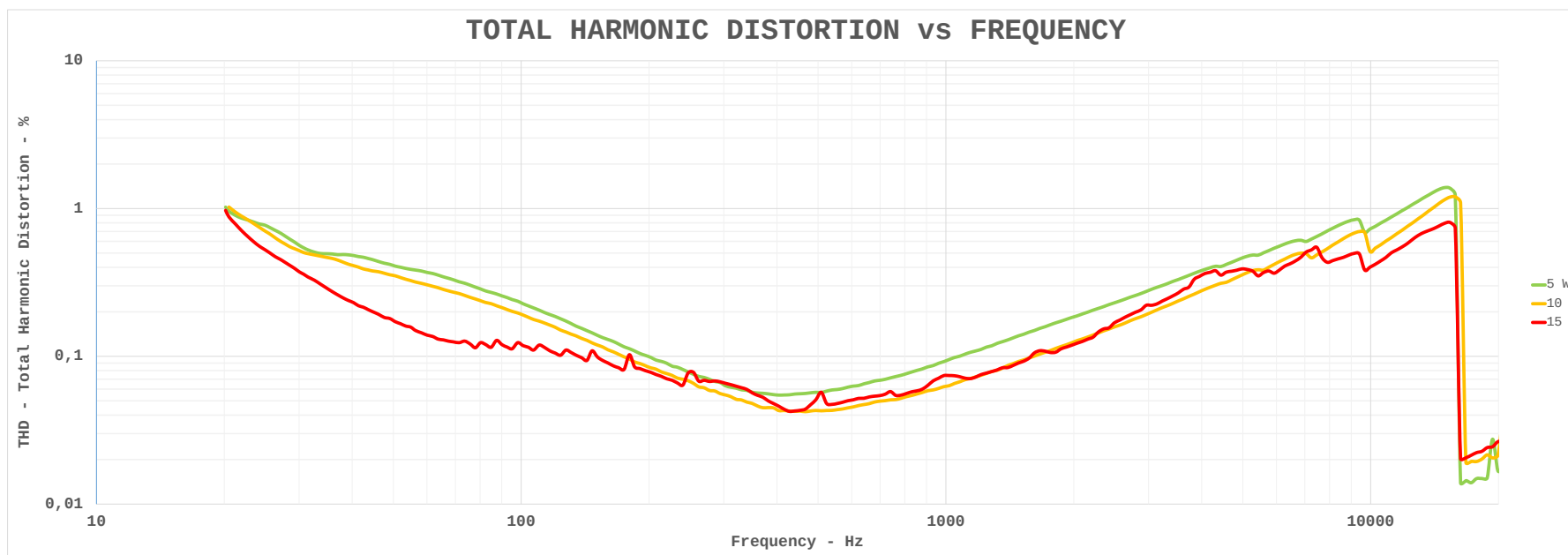
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- 5. Linearity Test: dBFS(Y/X) vs. dBFS(X)**
- 6. Integrated Noise vs. Frequency**



MEASUREMENT CONDITIONS:

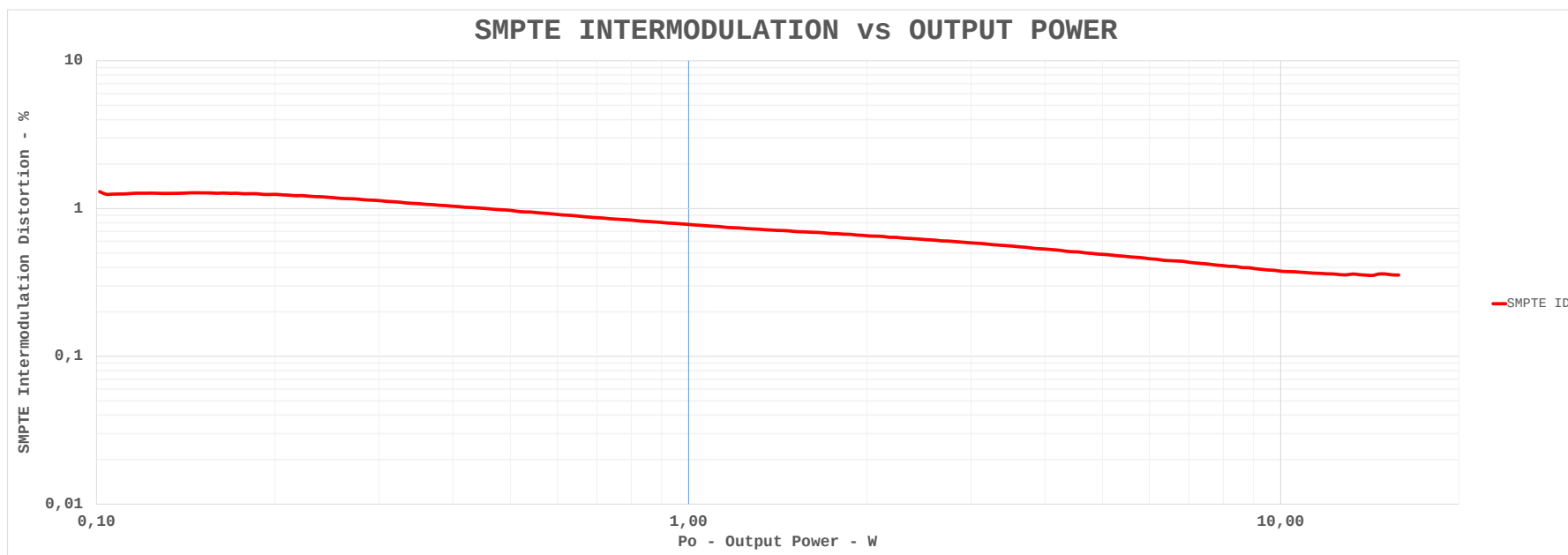
- 1) Series: ASCOLTO AH, LH - Digital Steering Columns
- 2) Input Channel: ASCOLTO Input #1 - Sensitivity 0 dBu (Line Level)
- 3) Amplifier Load: 8 ohm + 66 uH (for each output channel)
- 4) Amplifier Probe: RC Filter Box - Texas Instruments Application Report SLOA107 - April 2004
- 5) Audio Analyzer: Audio Precision System Two SYS2322
- 6) Measure: Distortion vs Amplitude
- 7) Vsupply: 24,04 V (TRACO POWER TXH 360-124)
- 8) Room Condition: 22-25°C, 40%-60% rH



MEASUREMENT CONDITIONS:

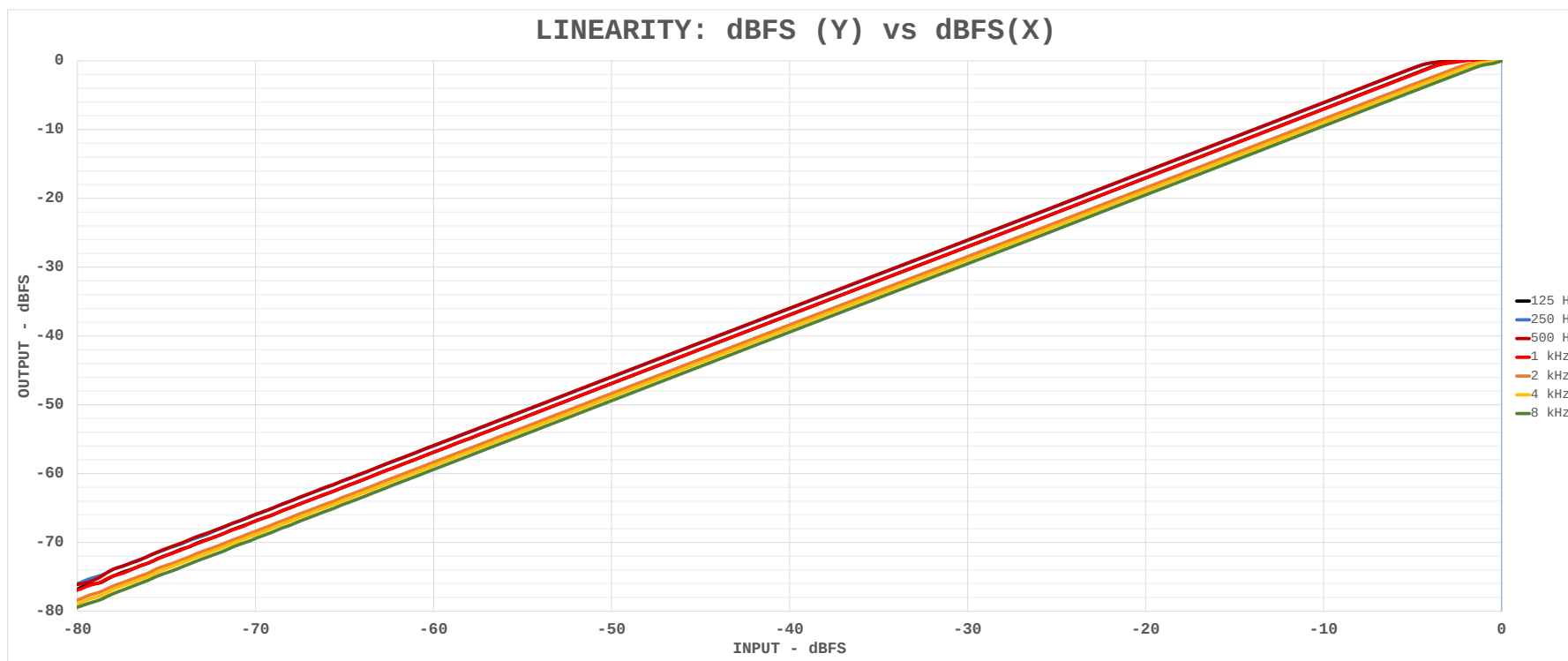
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NOTE: The increased THD+N at low frequencies is primarily due to the 1/f noise



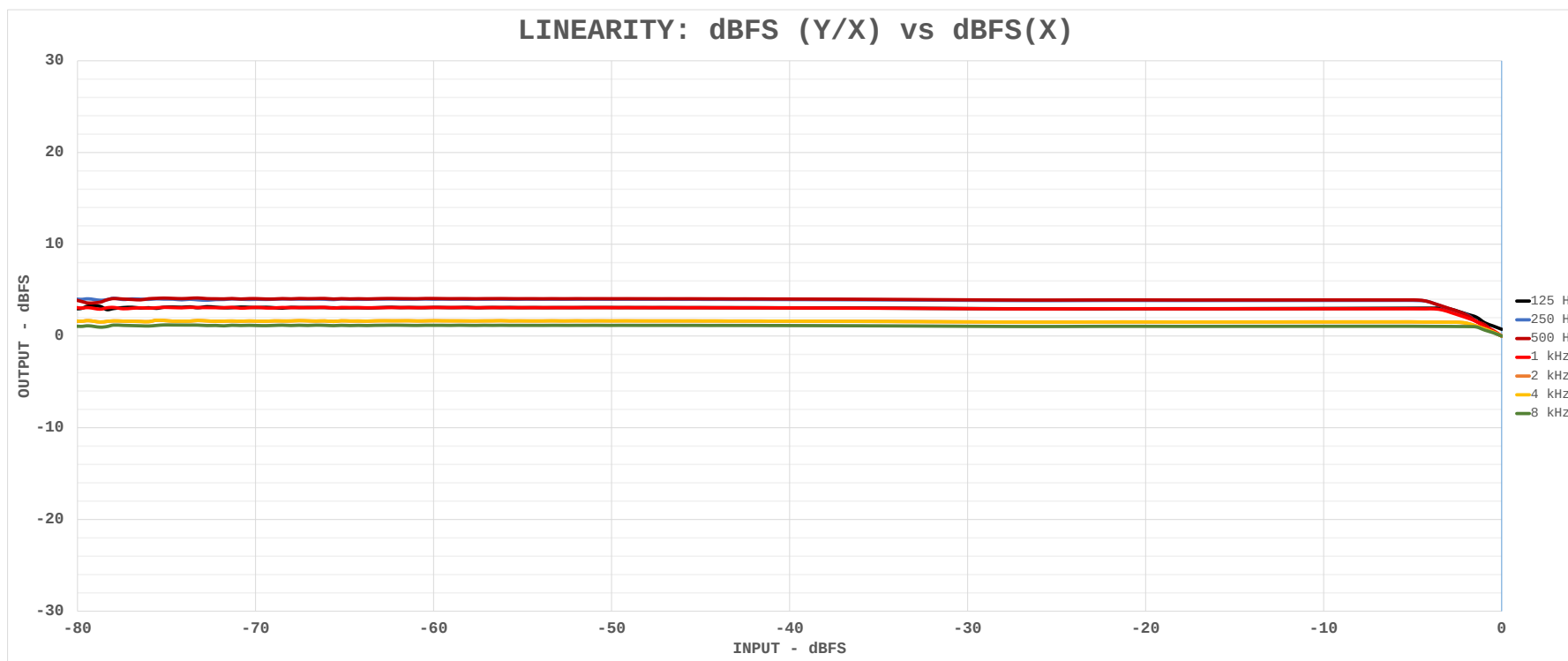
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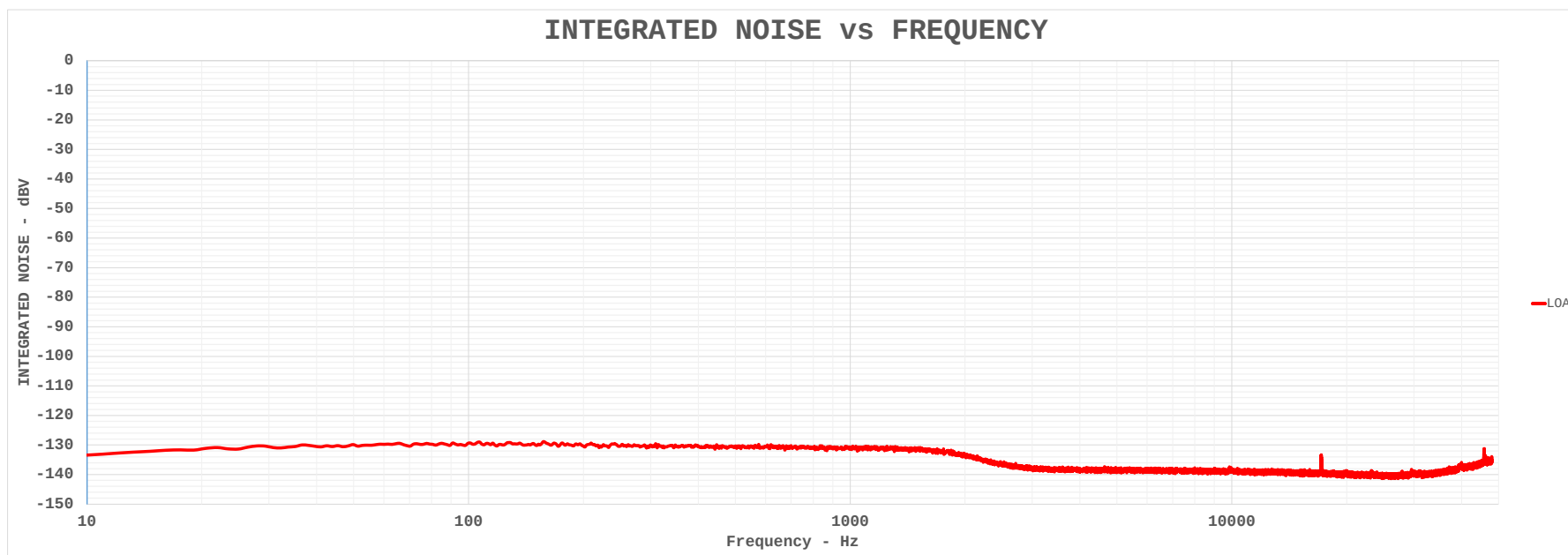
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- | | |
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