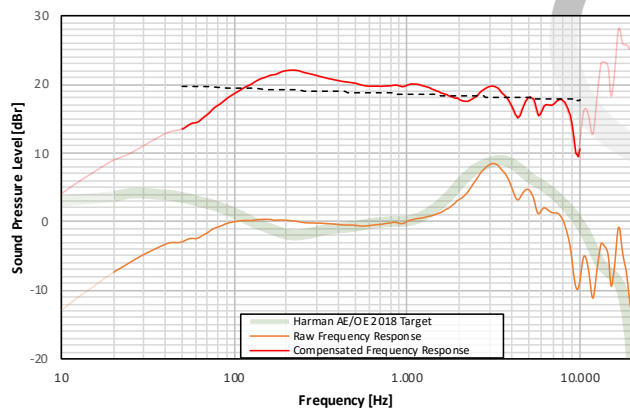
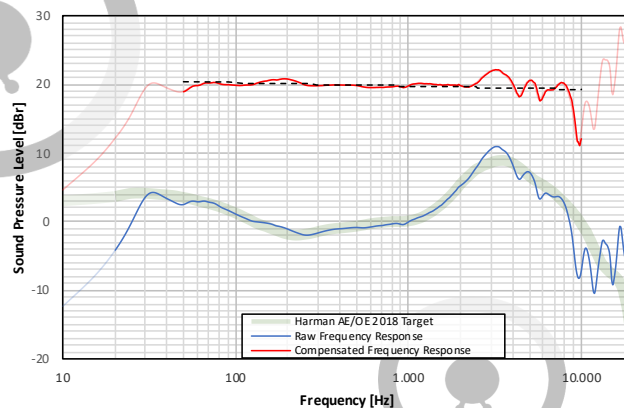


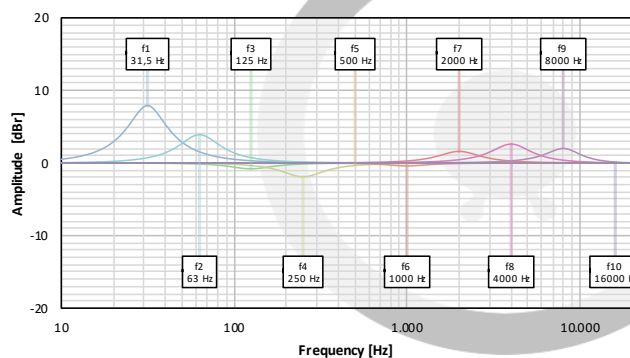
SPL Frequency Response  
without EQ



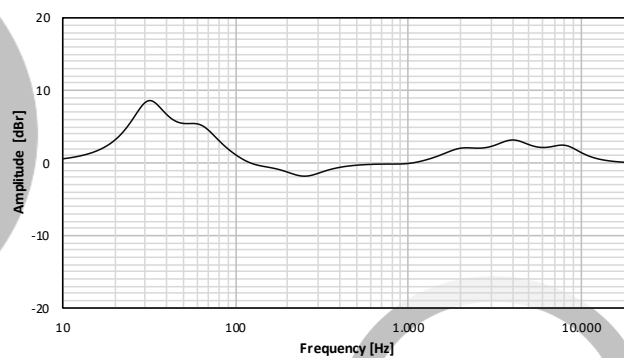
SPL Frequency Response  
with EQ



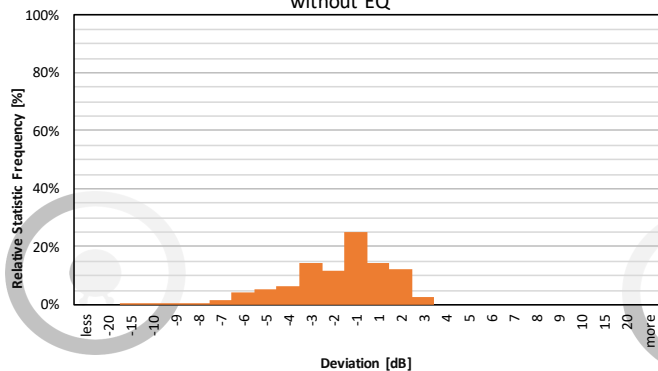
EQ Curve  
Individual Filters



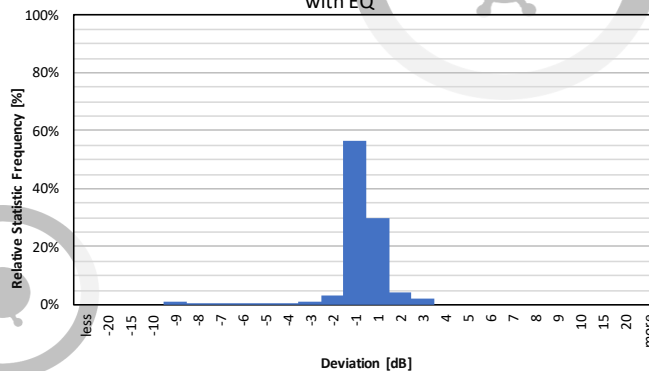
EQ Curve  
total



Error Curve Histogram  
without EQ



Error Curve Histogram  
with EQ



| Filter Settings |             |           |         |          |      |
|-----------------|-------------|-----------|---------|----------|------|
| Band            | Filter Type | Frequency | Gain    | Q-Factor | BW   |
| Band 1          | PEAK        | 31,5 Hz   | 7,9 dB  | 1,41     | 1,00 |
| Band 2          | PEAK        | 63 Hz     | 3,9 dB  | 1,41     | 1,00 |
| Band 3          | PEAK        | 125 Hz    | -0,8 dB | 1,41     | 1,00 |
| Band 4          | PEAK        | 250 Hz    | -1,9 dB | 1,41     | 1,00 |
| Band 5          | PEAK        | 500 Hz    | 0,0 dB  | 1,41     | 1,00 |
| Band 6          | PEAK        | 1000 Hz   | -0,4 dB | 1,41     | 1,00 |
| Band 7          | PEAK        | 2000 Hz   | 1,6 dB  | 1,41     | 1,00 |
| Band 8          | PEAK        | 4000 Hz   | 2,6 dB  | 1,41     | 1,00 |
| Band 9          | PEAK        | 8000 Hz   | 2,0 dB  | 1,41     | 1,00 |
| Band 10         | PEAK        | 16000 Hz  | 0,0 dB  | 1,41     | 1,00 |

| Preamp gain:          |         |
|-----------------------|---------|
| -                     | -8,6 dB |
| Deviation from Target |         |
| Before EQ             | 2,06 dB |
| After EQ              | 0,62 dB |
| Preference Rating*    |         |
| Before EQ             | 78/100  |
| After EQ              | 94/100  |

\*preference rating prediction based on:

- [1] S. Olive et al: "A Statistical Model That Predicts Listeners' Preference Ratings of In-Ear Headphones: Part 1" (2017)
- [2] S. Olive et al: "A Statistical Model That Predicts Listeners' Preference Ratings of In-Ear Headphones: Part 2" (2017)
- [3] S. Olive et al: "A Statistical Model That Predicts Listeners' Preference Ratings of Around-Ear and On-Ear Headphones" (2018)

The normalized preference ratings are used, where zero deviation from target equals a preference rating of 100