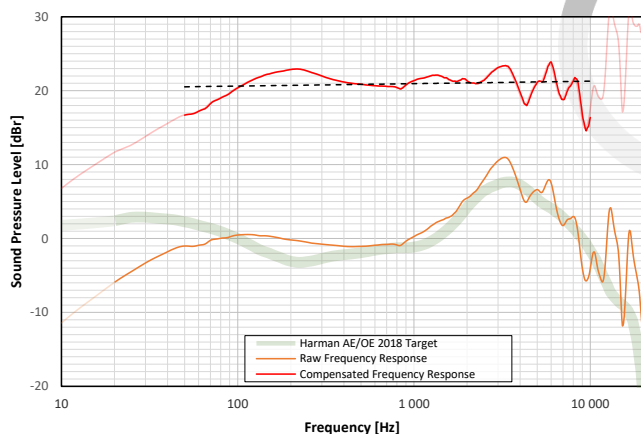
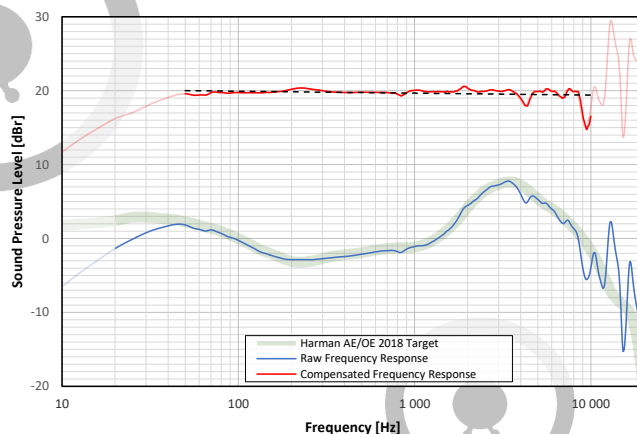


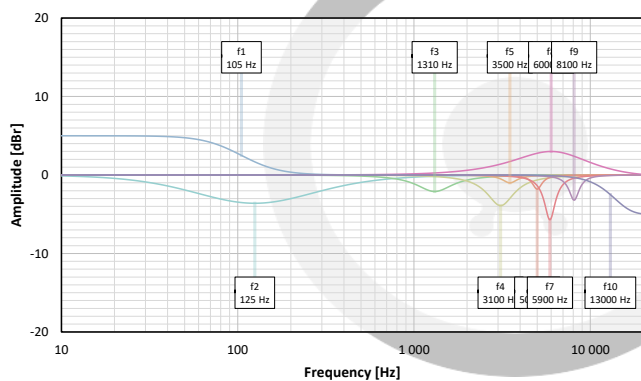
SPL Frequency Response
without EQ



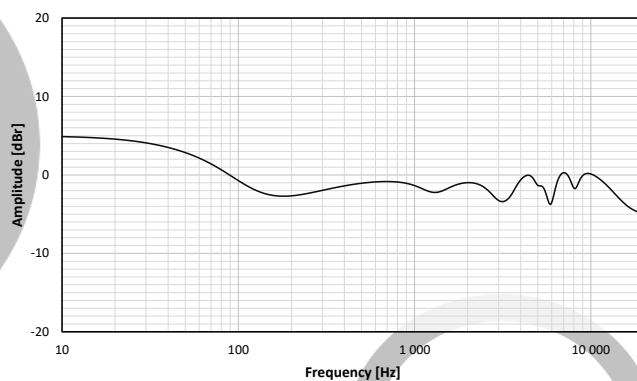
SPL Frequency Response
with EQ



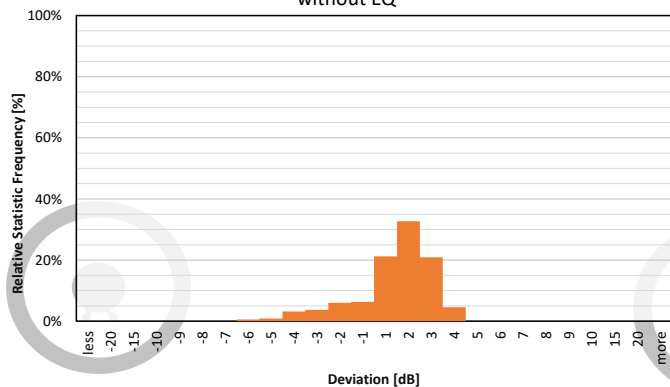
EQ Curve
Individual Filters



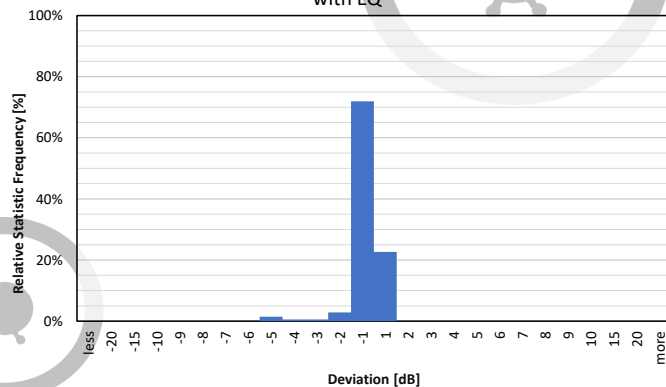
EQ Curve
total



Error Curve Histogram
without EQ



Error Curve Histogram
with EQ



Filter Settings					
Band	Filter Type	Frequency	Gain	Q-Factor	BW
Band 1	LOW_SHELF	105 Hz	5,0 dB	0,71	
Band 2	PEAK	125 Hz	-3,6 dB	0,45	2,76
Band 3	PEAK	1310 Hz	-2,1 dB	1,7	0,84
Band 4	PEAK	3100 Hz	-3,9 dB	2,2	0,65
Band 5	PEAK	3500 Hz	-1,0 dB	4,0	0,36
Band 6	PEAK	5000 Hz	-1,8 dB	6,0	0,24
Band 7	PEAK	5900 Hz	-5,7 dB	5,0	0,29
Band 8	PEAK	6000 Hz	3,0 dB	0,71	1,89
Band 9	PEAK	8100 Hz	-3,2 dB	5,0	0,29
Band 10	HIGH_SHELF	13000 Hz	-5,0 dB	0,71	

Preamp gain:	-4,9 dB
Deviation from Target	
Before EQ	1,80 dB
After EQ	0,35 dB
Preference Rating*	
Before EQ	91/100
After EQ	104/100

adjust gain of filter band 1 to preference (bass level)
adjust gain of filter band 10 to preference (airiness)

*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