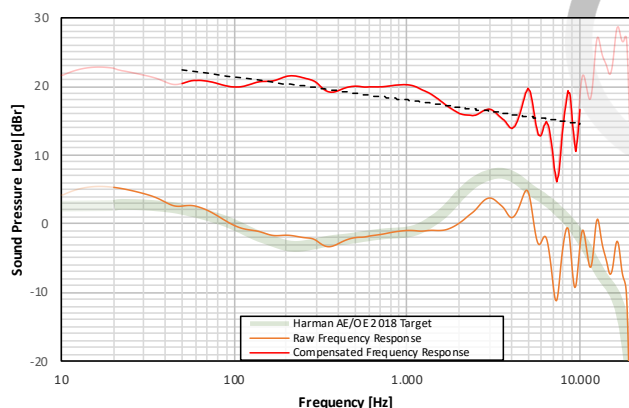
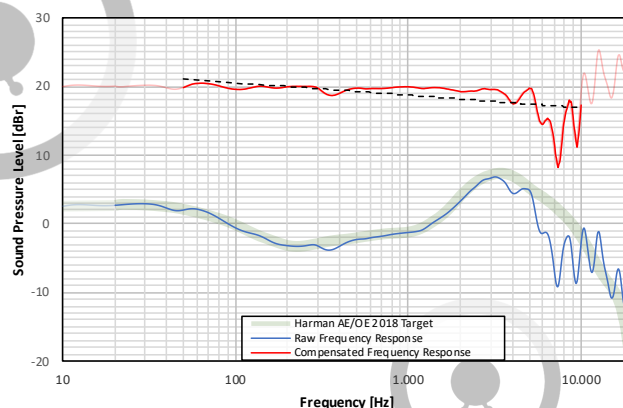


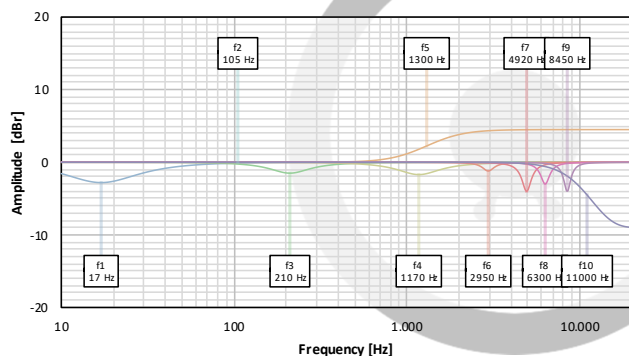
SPL Frequency Response
without EQ



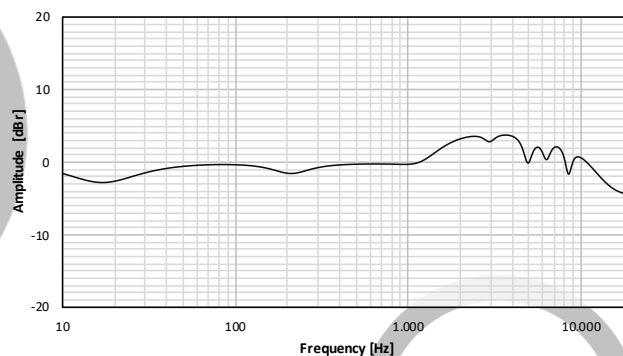
SPL Frequency Response
with EQ



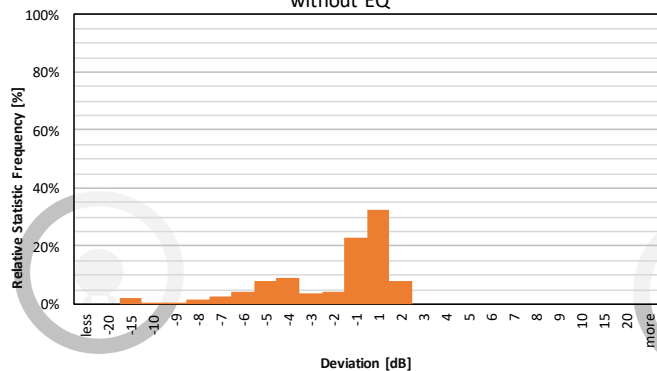
EQ Curve
Individual Filters



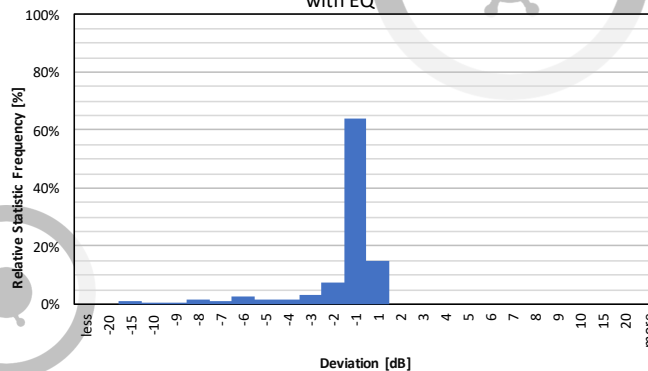
EQ Curve
total



Error Curve Histogram
without EQ



Error Curve Histogram
with EQ



Filter Settings					
Band	Filter Type	Frequency	Gain	Q-Factor	BW
Band 1	PEAK	17 Hz	-2,8 dB	0,8	1,70
Band 2	LOW_SHELF	105 Hz	0,0 dB	0,71	
Band 3	PEAK	210 Hz	-1,5 dB	1,5	0,94
Band 4	PEAK	1170 Hz	-1,7 dB	1,4	1,01
Band 5	HIGH_SHELF	1300 Hz	4,5 dB	0,71	
Band 6	PEAK	2950 Hz	-1,2 dB	5,0	0,29
Band 7	PEAK	4920 Hz	-4,0 dB	6,0	0,24
Band 8	PEAK	6300 Hz	-3,0 dB	6,0	0,24
Band 9	PEAK	8450 Hz	-4,0 dB	7,0	0,21
Band 10	HIGH_SHELF	11000 Hz	-9,0 dB	0,71	

Preamp gain:		-3,8 dB
Deviation from Target		
Before EQ	After EQ	
1,95 dB	1,04 dB	
Preference Rating*		
Before EQ	After EQ	
56/100	77/100	

Adjust gain of band 1 to preference (subbass extension)
Adjust gain of band 2 to preference (Bass)
Adjust gain of band 5 to preference (treble)
Adjust gain of 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