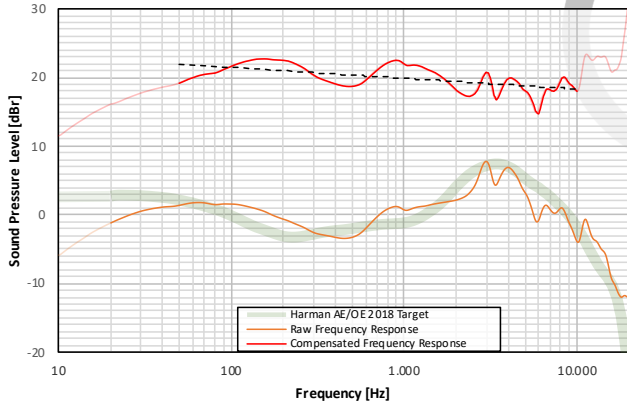
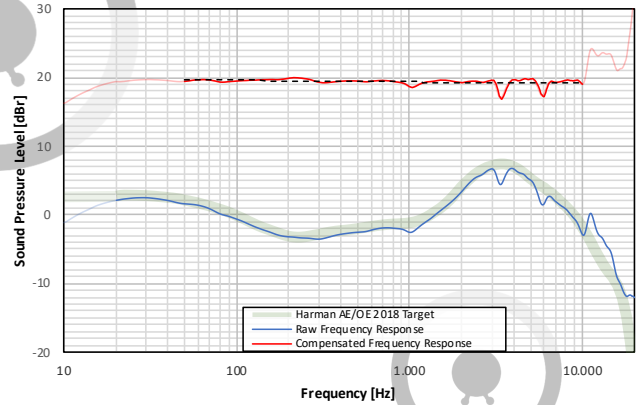


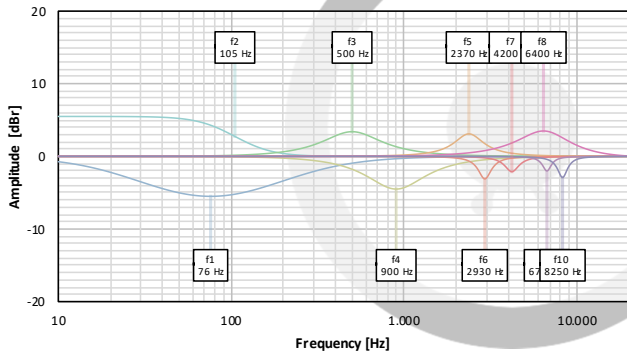
SPL Frequency Response without EQ



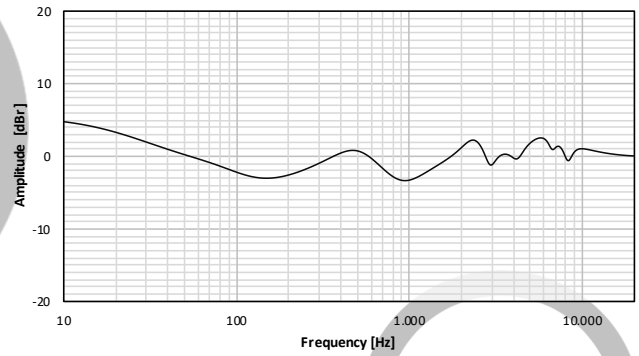
SPL Frequency Response with EQ



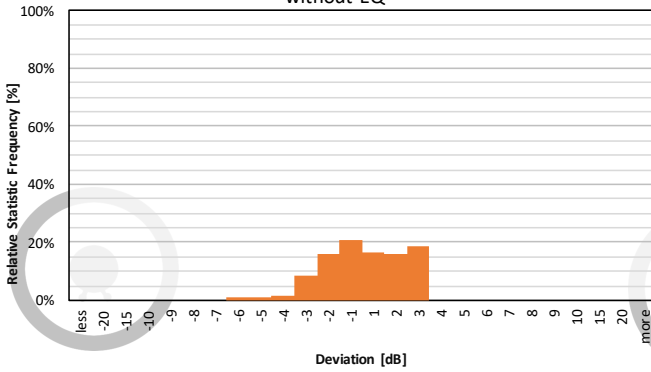
EQ Curve Individual Filters



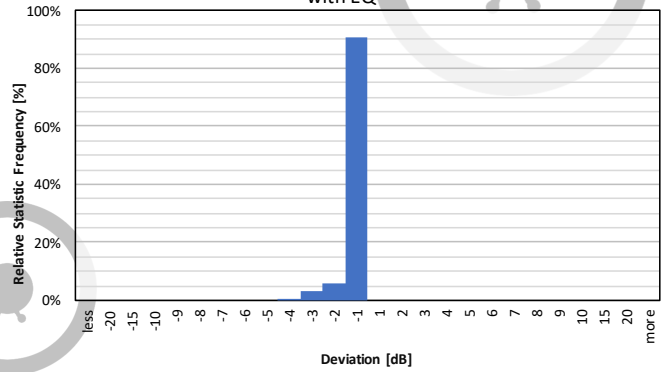
EQ Curve total



Error Curve Histogram without EQ



Error Curve Histogram with EQ



Filter Settings	Filter Type	Frequency	Gain	Q-Factor	BW
Band 1	PEAK	76 Hz	-5,5 dB	0,35	3,33
Band 2	LOW_SHELF	105 Hz	5,5 dB	0,71	
Band 3	PEAK	500 Hz	3,4 dB	1,0	1,39
Band 4	PEAK	900 Hz	-4,5 dB	1,0	1,39
Band 5	PEAK	2370 Hz	3,1 dB	2,0	0,71
Band 6	PEAK	2930 Hz	-3,1 dB	4,5	0,32
Band 7	PEAK	4200 Hz	-2,1 dB	4,0	0,36
Band 8	PEAK	6400 Hz	3,5 dB	1,0	1,39
Band 9	PEAK	6700 Hz	-2,0 dB	6,0	0,24
Band 10	PEAK	8250 Hz	-2,9 dB	5,0	0,29

Preamp gain:	-4,8 dB
Deviation from Target	
Before EQ	1,46 dB
After EQ	0,63 dB
Preference Rating*	
Before EQ	81/100
After EQ	107/100

Adjust gain of band 2 to preference (Bass)

\*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