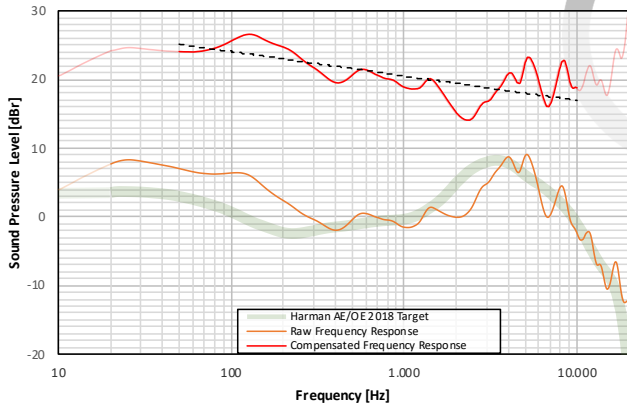
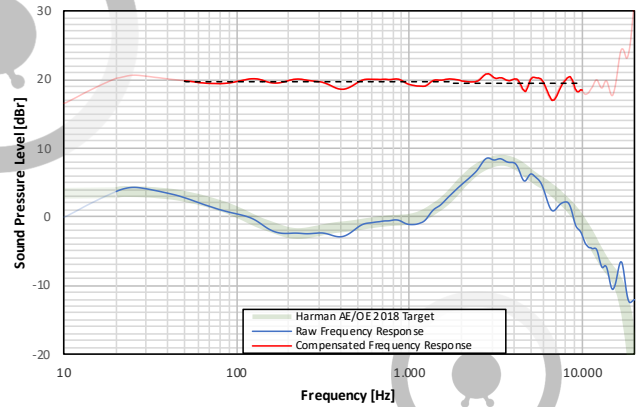


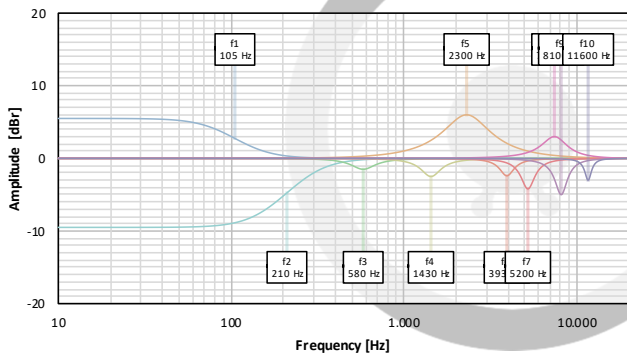
SPL Frequency Response without EQ



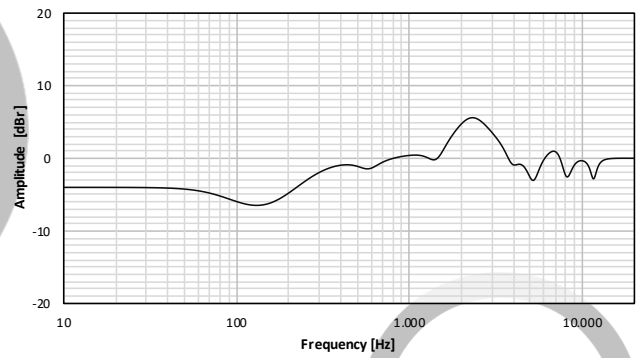
SPL Frequency Response with EQ



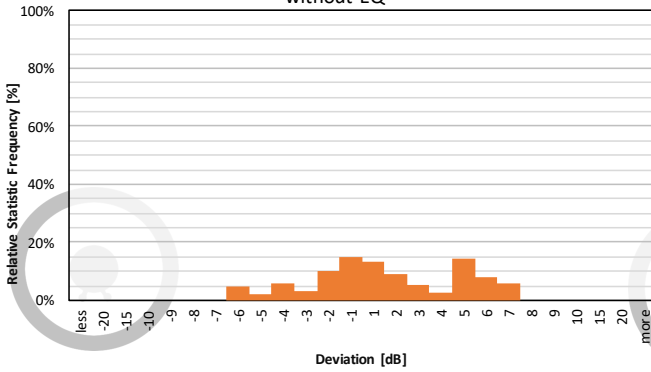
EQ Curve Individual Filters



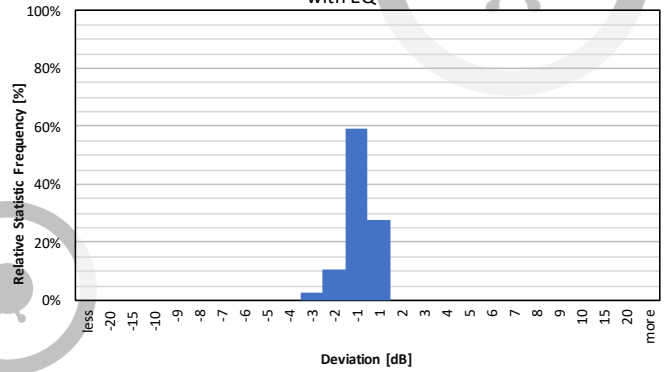
EQ Curve total



Error Curve Histogram without EQ



Error Curve Histogram with EQ



Filter Settings	Filter Type	Frequency	Gain	Q-Factor	BW
Band 1	LOW_SHELF	105 Hz	5,5 dB	0,71	1,89
Band 2	LOW_SHELF	210 Hz	-9,5 dB	0,71	1,89
Band 3	PEAK	580 Hz	-1,5 dB	2,5	0,57
Band 4	PEAK	1430 Hz	-2,5 dB	3,0	0,48
Band 5	PEAK	2300 Hz	6,0 dB	1,2	1,17
Band 6	PEAK	3930 Hz	-2,4 dB	4,0	0,36
Band 7	PEAK	5200 Hz	-4,2 dB	4,0	0,36
Band 8	PEAK	7400 Hz	3,0 dB	2,0	0,71
Band 9	PEAK	8100 Hz	-5,0 dB	4,0	0,36
Band 10	PEAK	11600 Hz	-3,0 dB	6,0	0,24

Preamp gain:	-5,6 dB
Deviation from Target	
Before EQ	2,76 dB
After EQ	0,46 dB
Preference Rating*	
Before EQ	50/100
After EQ	100/100

Adjust gain of band 1 to preference (bass)  
Adjust gain of band 5 to preference (upper midrange / shoutiness)

\*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