ORATORY1990

EQ setting for Samsung SM-R190 Galaxy Buds Pro

SPL Frequency Response without EQ
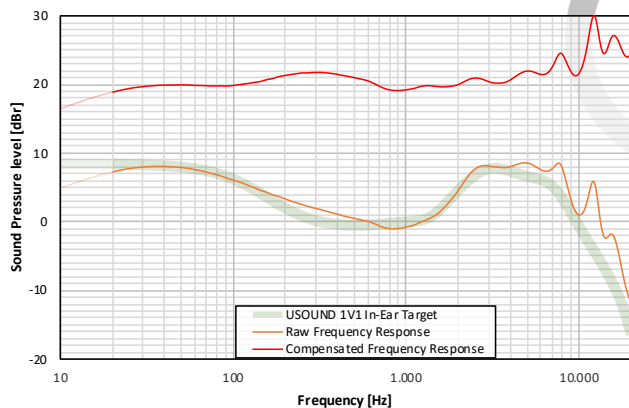
- USOUND 1V1 In-Ear Target
- Raw Frequency Response
- Compensated Frequency Response

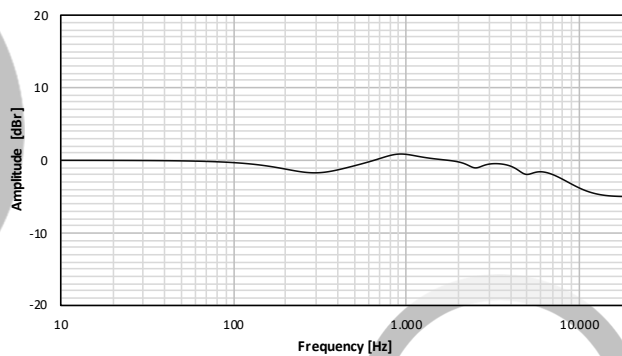### SPL Frequency Response with EQ

- USOUND 1V1 In-Ear Target
- Raw Frequency Response
- Compensated Frequency Response

EQ Curve Individual Filters

- f1 300 Hz
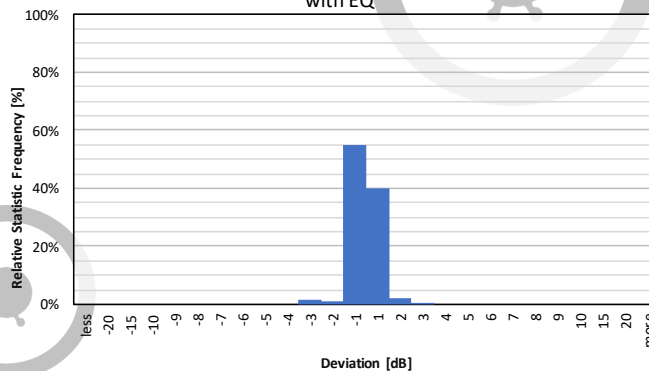- f2 900 Hz
- f3 2500 Hz
- f4 4900 Hz
- f5 8000 Hz
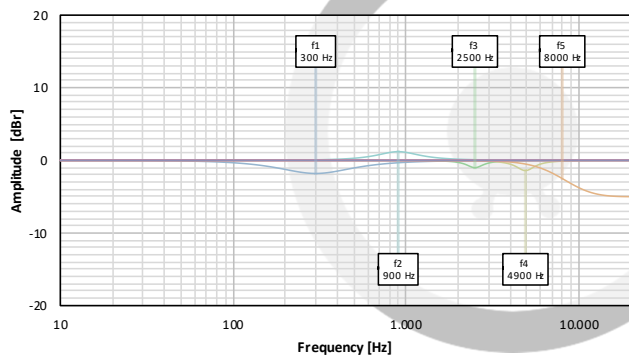
EQ Curve total

Error Curve Histogram without EQ
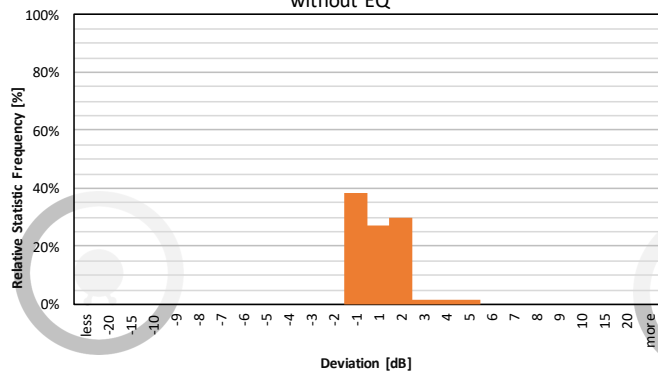
Error Curve Histogram with EQ

Filter Settings

	Filter Type	Frequency	Gain	Q-Factor	BW
Band 1	PEAK	300 Hz	-1,8 dB	0,8	1,7
Band 2	PEAK	900 Hz	1,2 dB	1,4	1,01
Band 3	PEAK	2500 Hz	-1,0 dB	3,5	0,41
Band 4	PEAK	4900 Hz	-1,4 dB	3,0	0,48
Band 5	HIGH_SHELF	8000 Hz	-5,0 dB	0,71	1,89
Band 6					
Band 7					
Band 8					
Band 9					
Band 10					

Pre-gain to avoid clipping:
-0,9 dB

Deviation from Target

Before EQ	After EQ
0,88 dB	0,26 dB

measured on GRAS43AC/43AG coupler with KB5000/5001 anthropometric pinna
BruelKjaer Nexus Type 2960 Low-Noise Signal Conditioner
APx515 or APx526 Signal Generator/Analyzer
APx1701 or GRAS 12AU amplifier

v2.9
by oratory1990
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