

RightMark Audio Analyzer test report

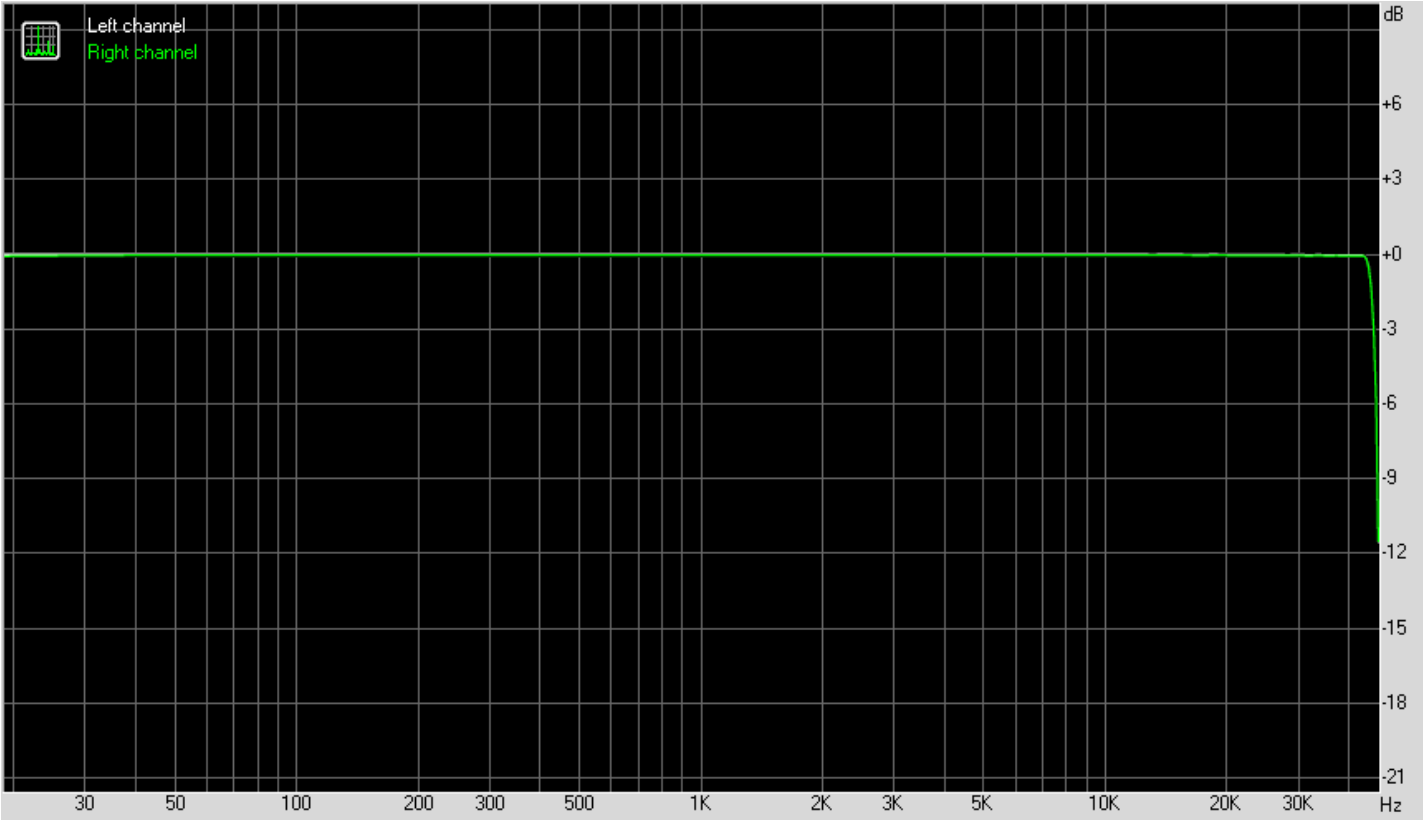
Testing device	[ASIO] RTX + AutoRanger in Rch
Sampling mode	24-bit, 96 kHz
Interface	ASIO
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.2

20 Hz - 20 kHz filter	OFF
Normalize amplitude	ON
Level change	-0.0 dB / -0.0 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	inverted/correct

Summary

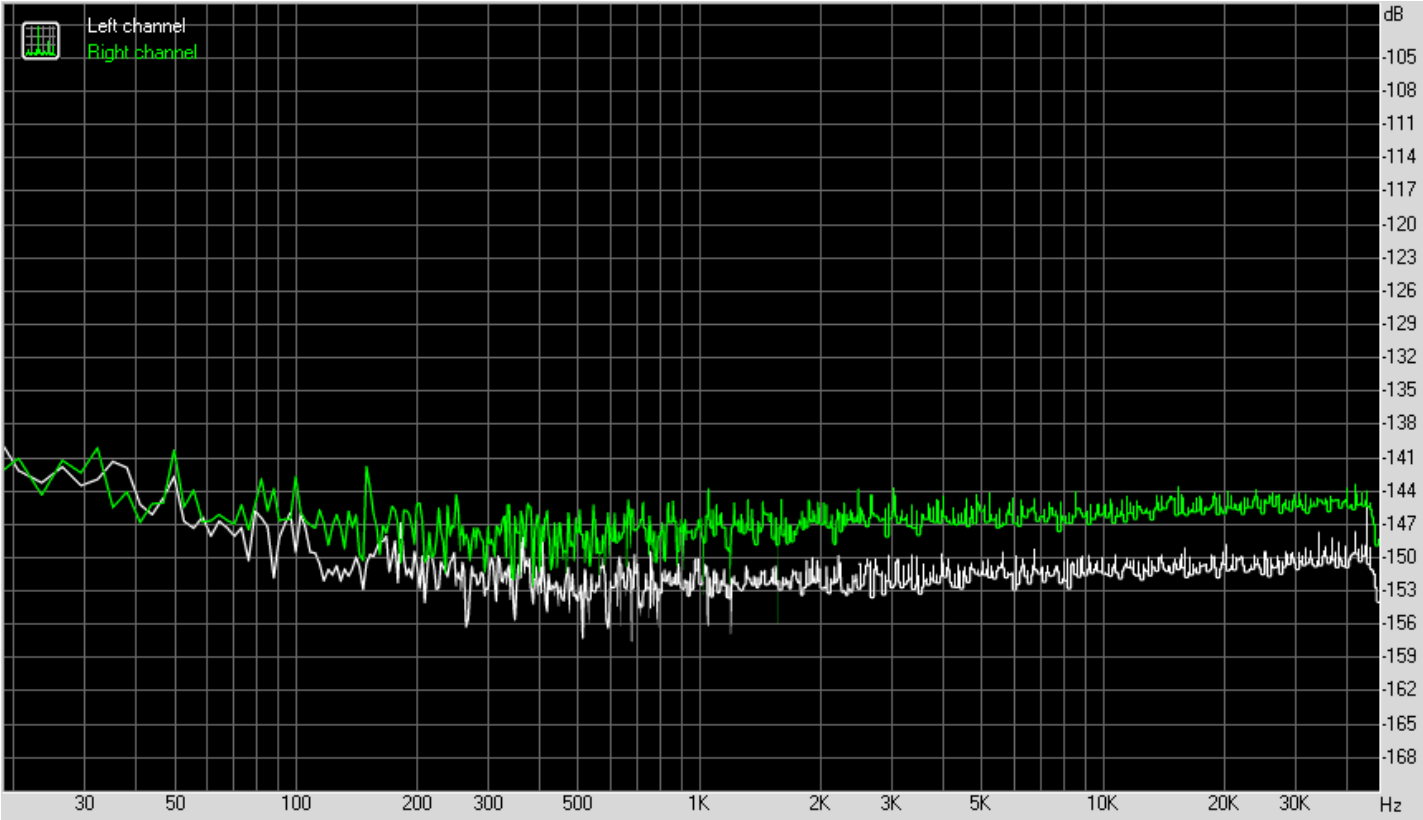
Frequency response (from 40 Hz to 15 kHz), dB	-0.03, -0.04	Excellent
Noise level, dB (A)	-116.6	Excellent
Dynamic range, dB (A)	116.6	Excellent
THD, %	0.0002	Excellent
THD + Noise, dB (A)	-108.2	Excellent
IMD + Noise, %	0.0007	Excellent
Stereo crosstalk, dB	-113.9	Excellent
IMD at 10 kHz, %	0.0008	Excellent
General performance		Very good

Frequency response



	Left	Right
From 20 Hz to 20 kHz, dB	-0.01, +0.00	-0.07, -0.03
From 40 Hz to 15 kHz, dB	-0.01, +0.00	-0.04, -0.03

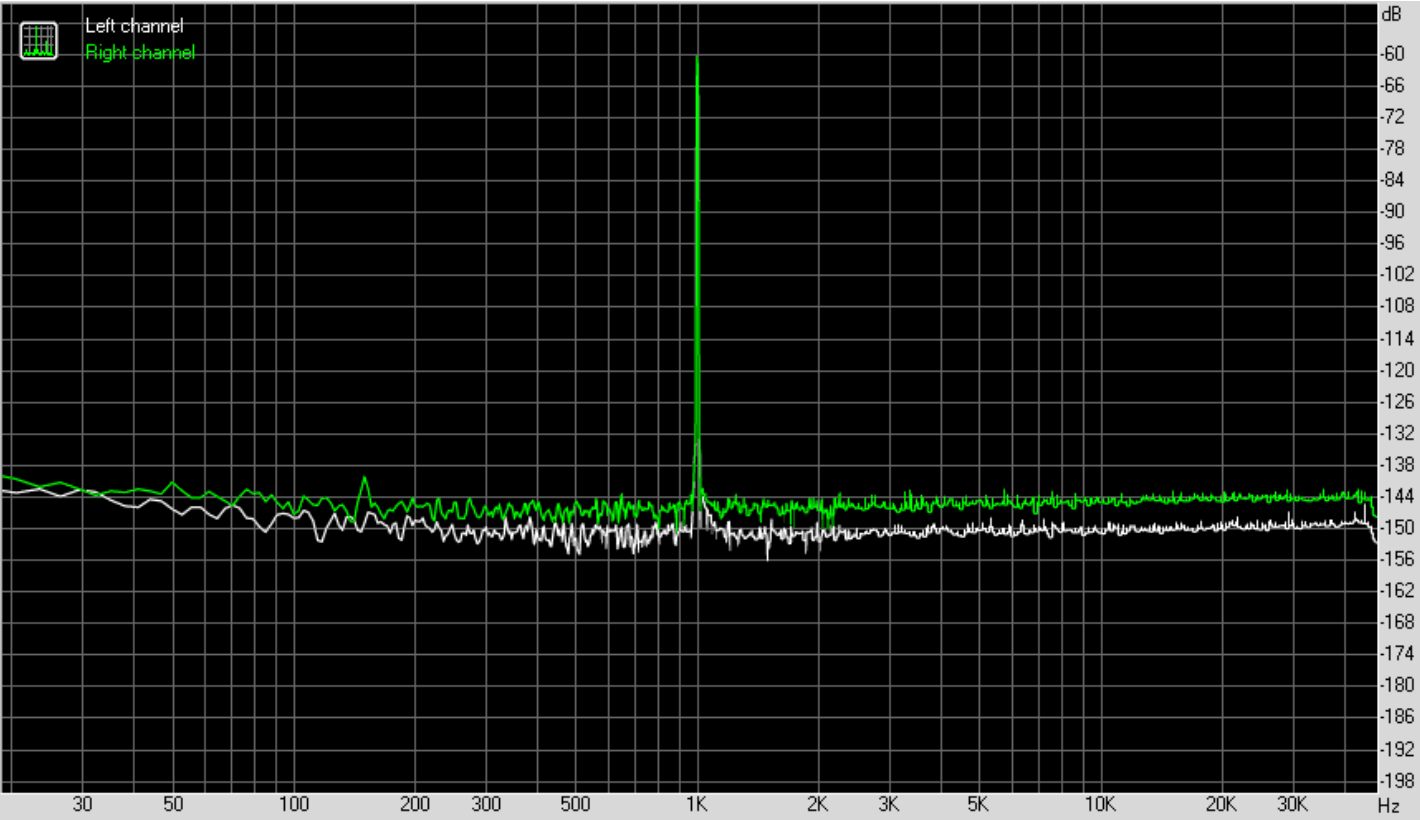
Noise level



	Left	Right
RMS power, dB	-102.0	-101.0

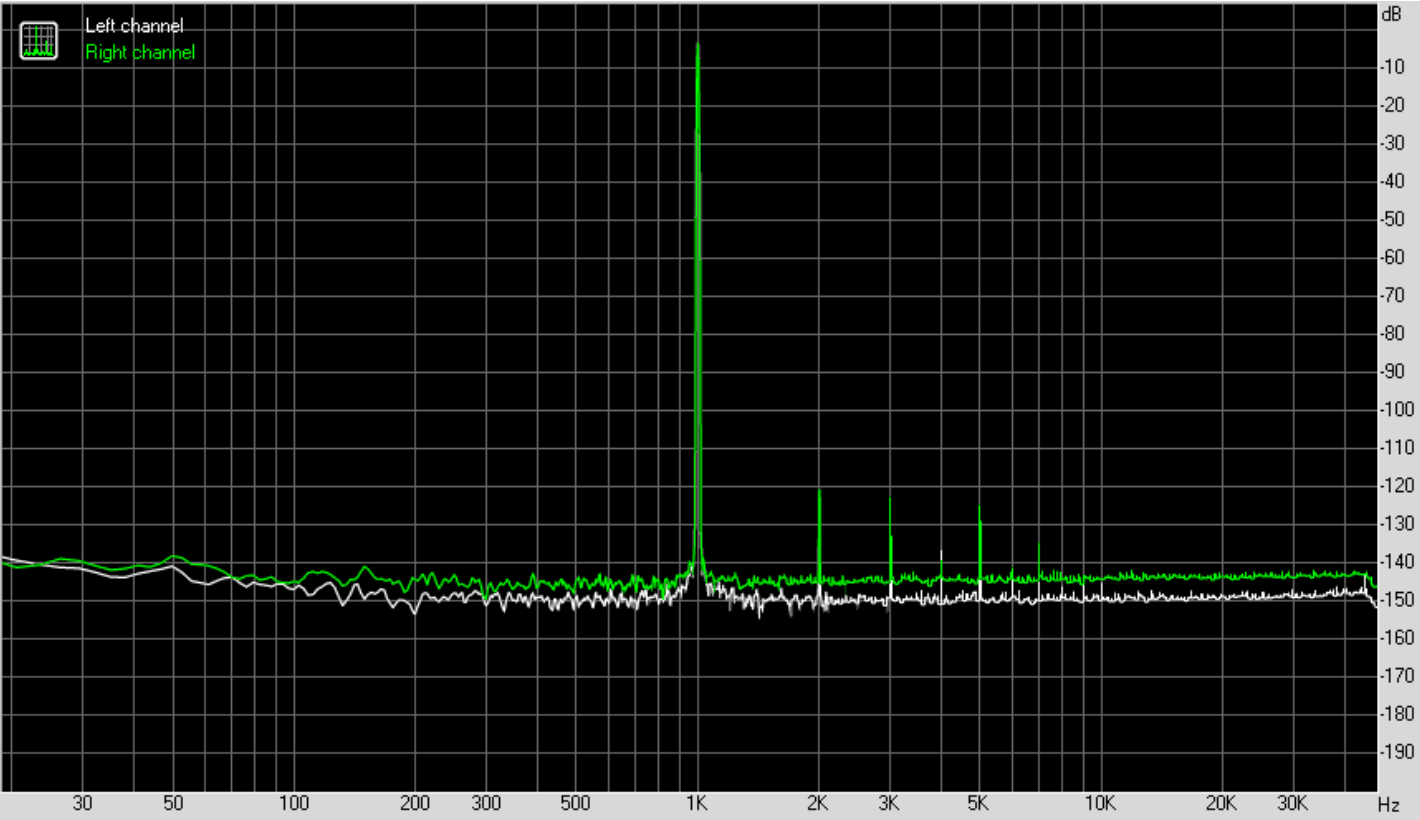
RMS power (A-weighted), dB	-119.1	-114.0
Peak level, dB FS	-88.3	-91.8
DC offset, %	-0.0	-0.0

Dynamic range



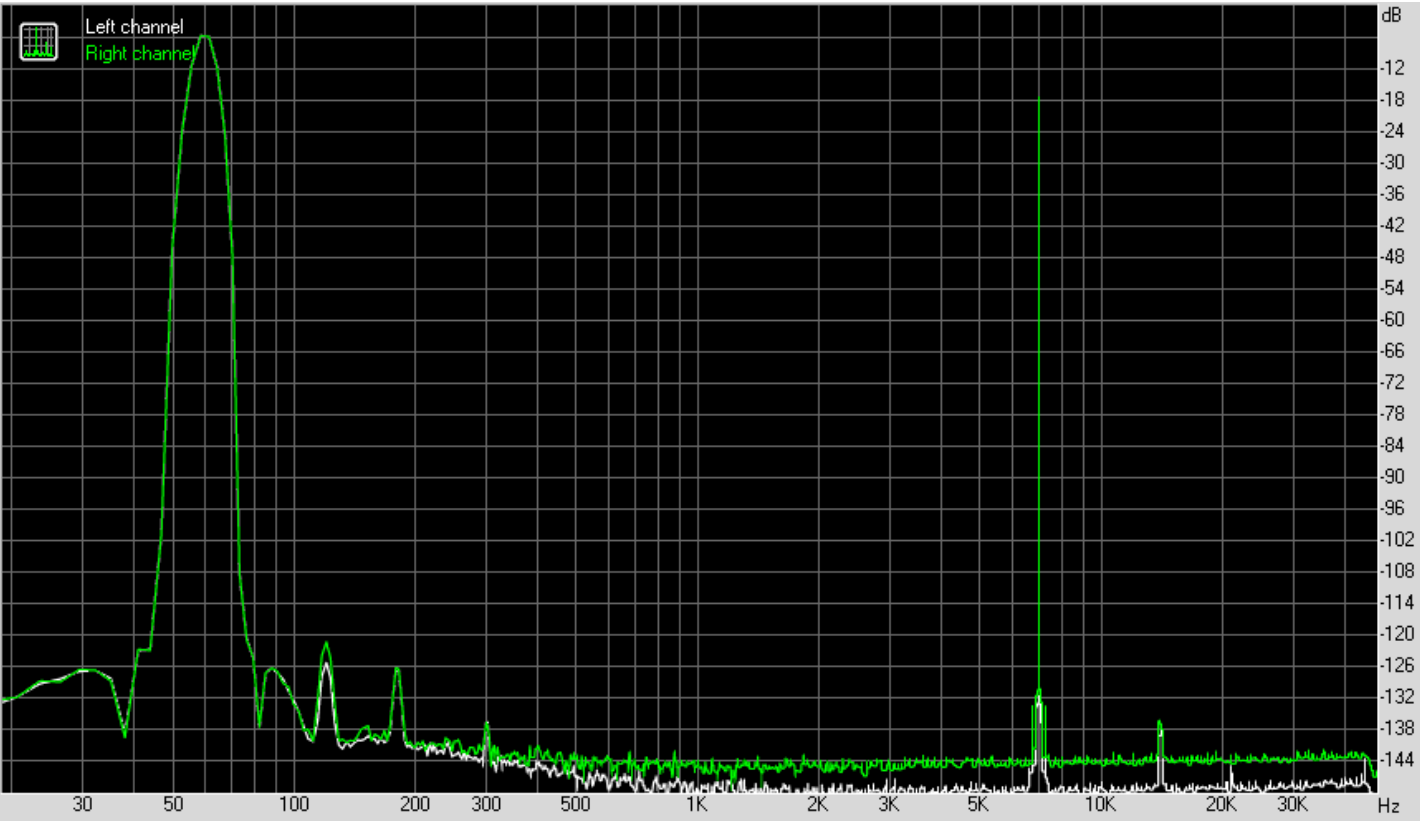
	Left	Right
Dynamic range, dB	+113.9	+109.4
Dynamic range (A-weighted), dB	+119.1	+114.0
DC offset, %	-0.00	-0.00

THD + Noise (at -3 dB FS)



	Left	Right
THD, %	+0.0002	+0.0002
THD + Noise, %	+0.0004	+0.0007
THD + Noise (A-weighted), %	+0.0003	+0.0005

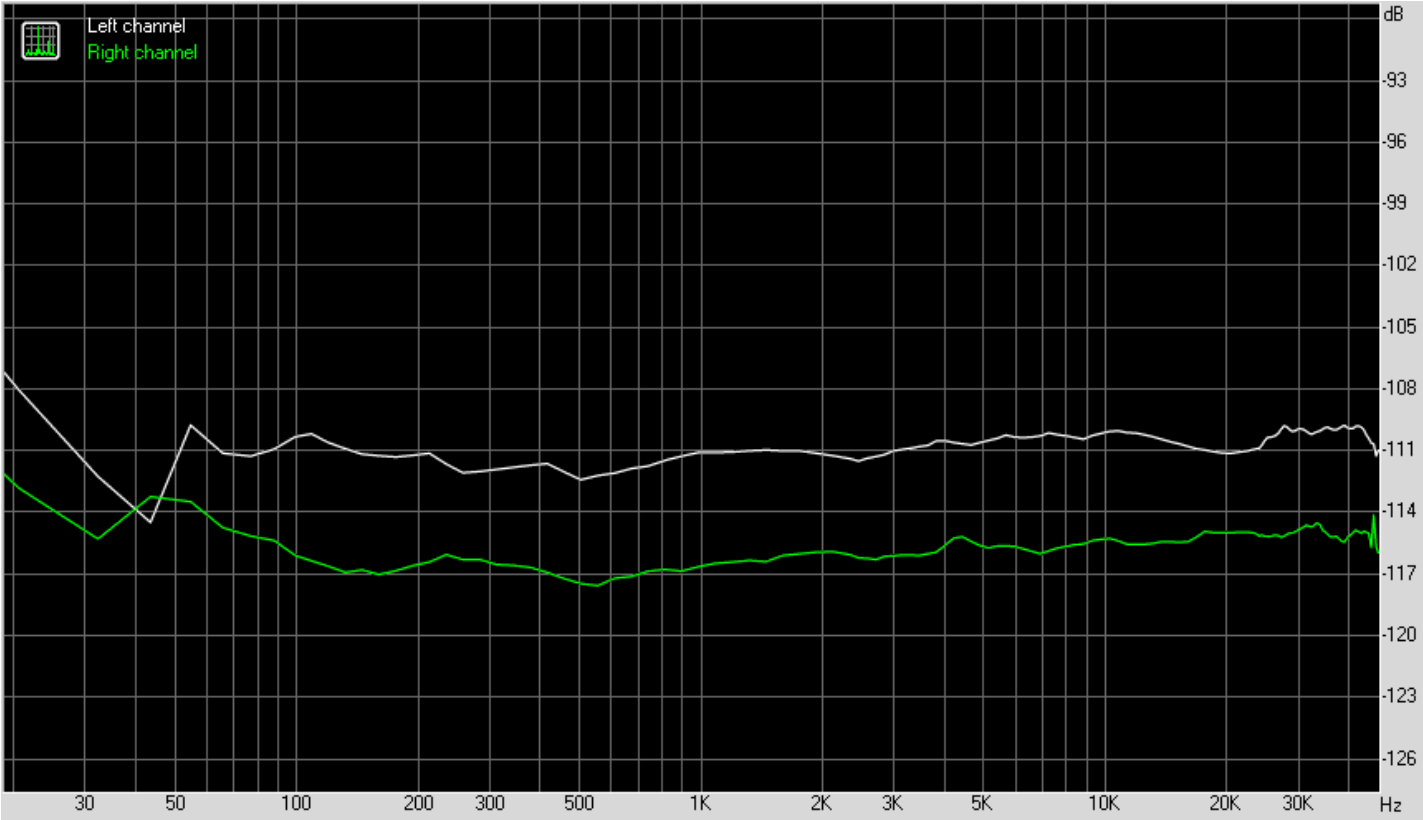
Intermodulation distortion



Left Right

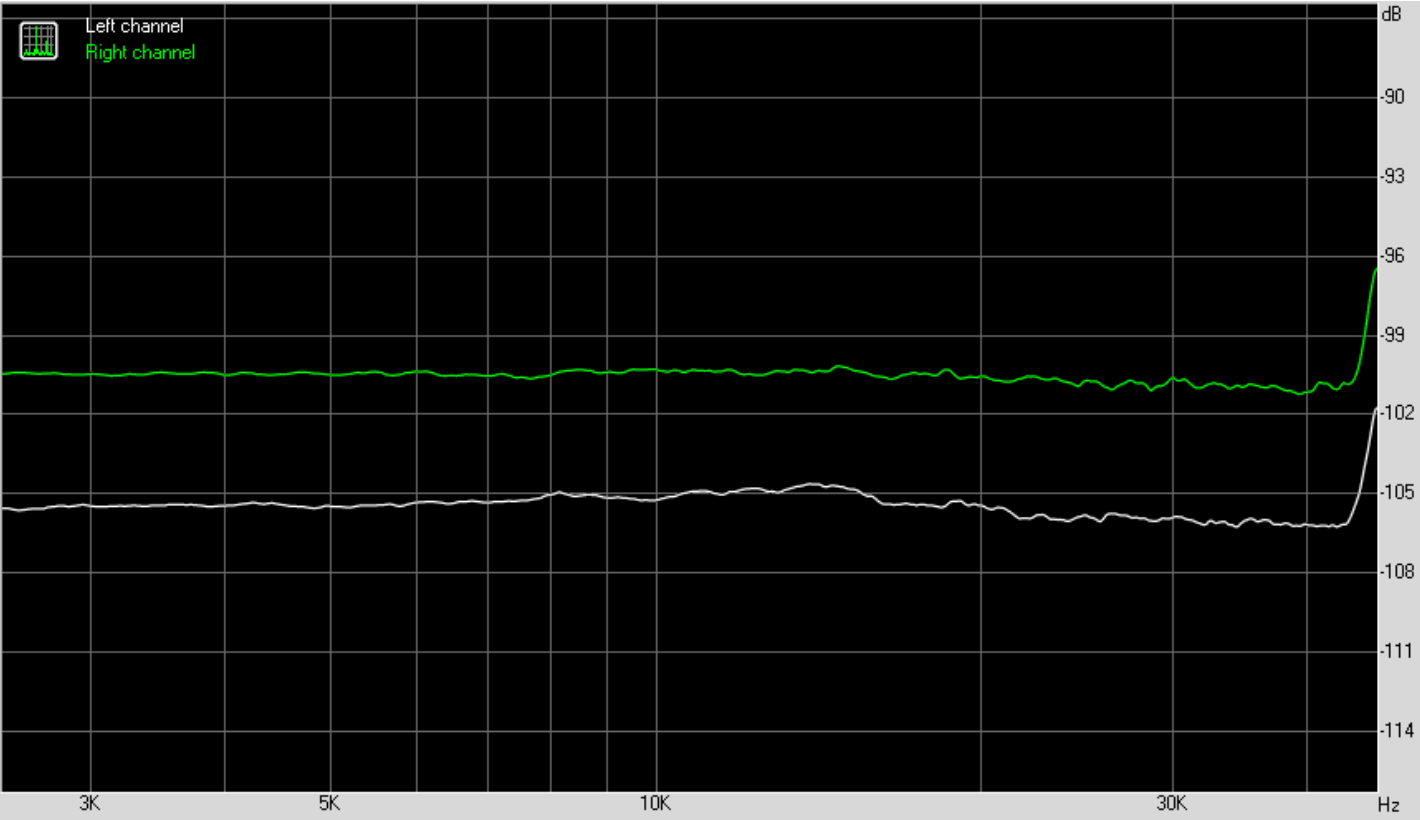
IMD + Noise, %	+0.0005	+0.0009
IMD + Noise (A-weighted), %	+0.0003	+0.0005

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-109	-115
Crosstalk at 1000 Hz, dB	-110	-116
Crosstalk at 10000 Hz, dB	-109	-114

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.0005	0.0009
IMD + Noise at 10000 Hz,	0.0005	0.0010
IMD + Noise at 15000 Hz,	0.0006	0.0010