

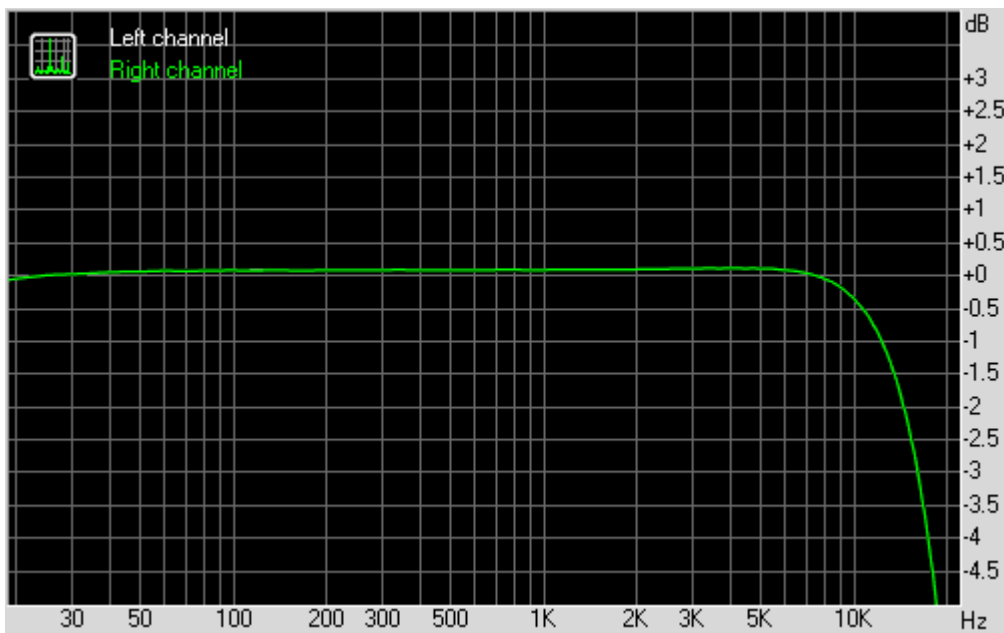
RightMark Audio Analyzer test report

Testing device	Wave mapper
Sampling mode	16-bit, 44 kHz
Interface	MME
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.2.3
20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-2.7 dB / -2.7 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

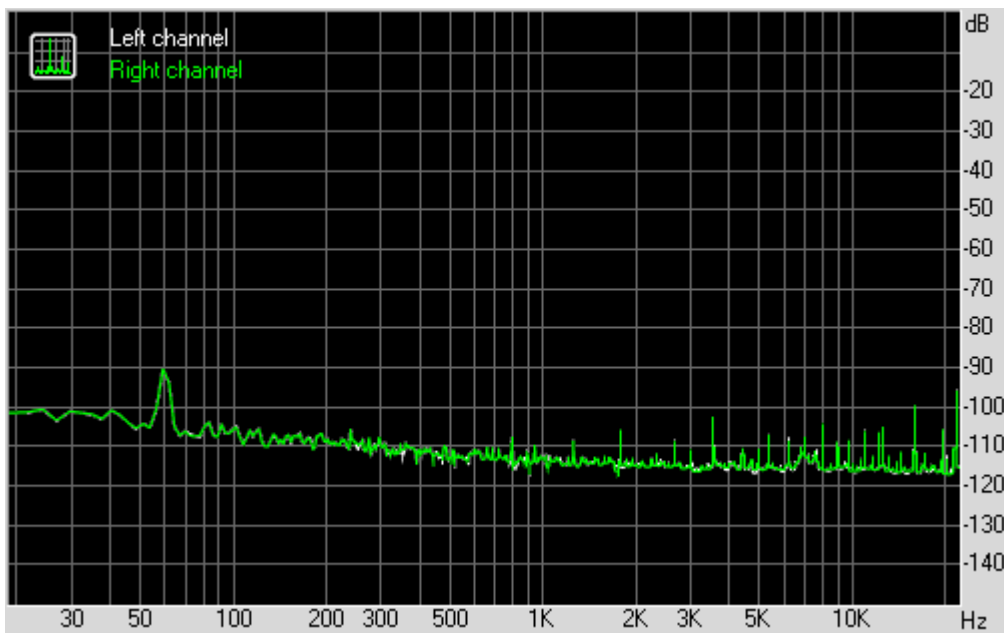
Frequency response (from 40 Hz to 15 kHz), dB	+0.11, -2.23	Average
Noise level, dB (A)	-81.9	Good
Dynamic range, dB (A)	81.8	Good
THD, %	0.044	Good
THD + Noise, dB (A)	-44.9	Very poor
IMD + Noise, %	0.815	Poor
Stereo crosstalk, dB	-42.7	Poor
IMD at 10 kHz, %	0.211	Average
General performance		Average

Frequency response



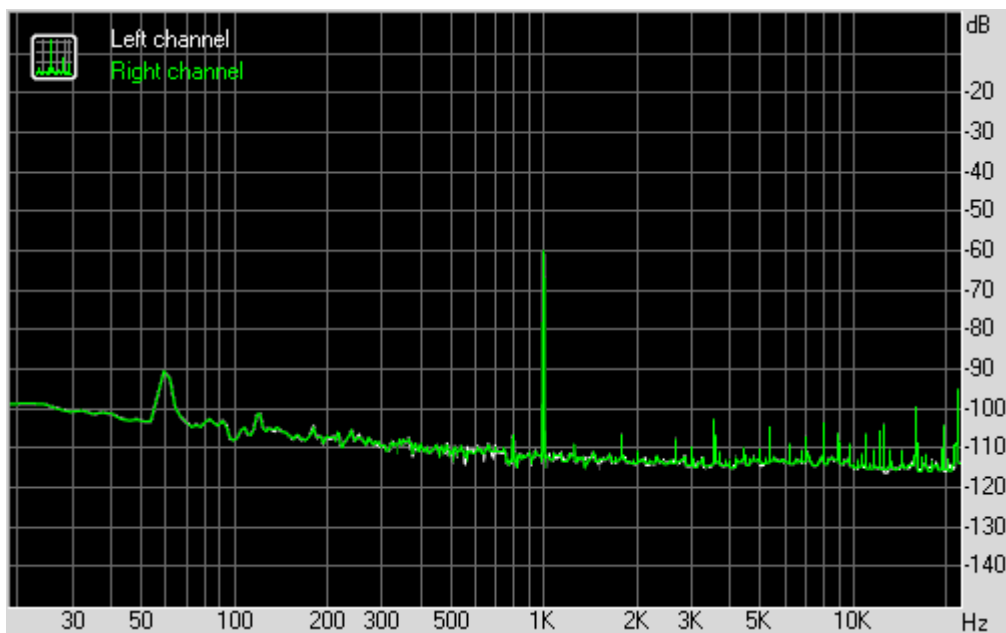
From 20 Hz to 20 kHz, dB -6.39, +0.11
 From 40 Hz to 15 kHz, dB -2.23, +0.11

Noise level



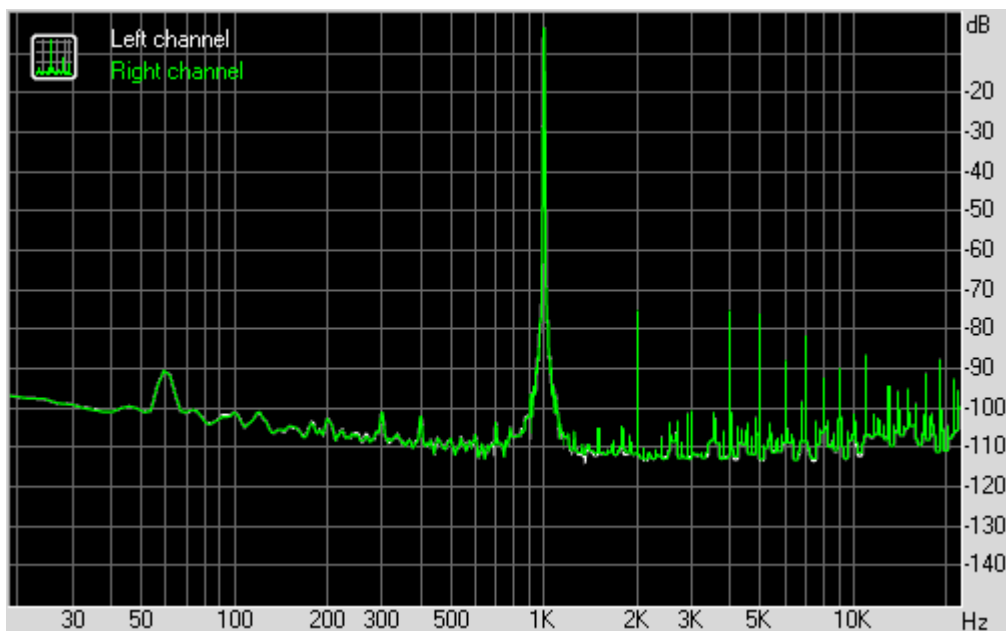
	Left	Right
RMS power, dB	-80.6	-80.6
RMS power (A-weighted), dB	-81.9	-81.9
Peak level, dB FS	-62.8	-62.8
DC offset, %	-0.0	-0.0

Dynamic range



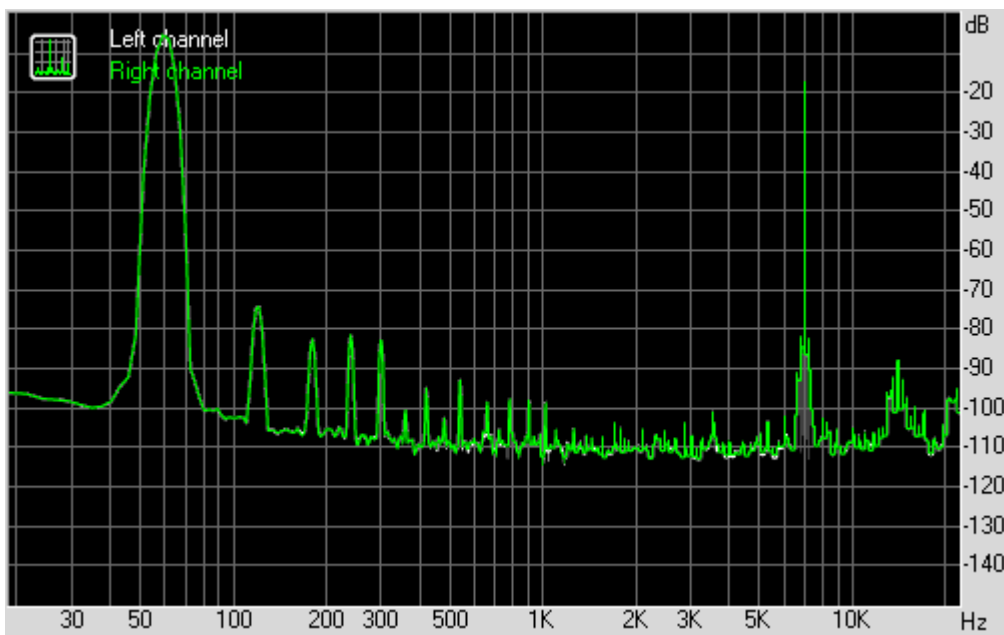
	Left	Right
Dynamic range, dB	+80.6	+80.6
Dynamic range (A-weighted), dB	+81.8	+81.8
DC offset, %	-0.01	-0.01

THD + Noise (at -3 dB FS)



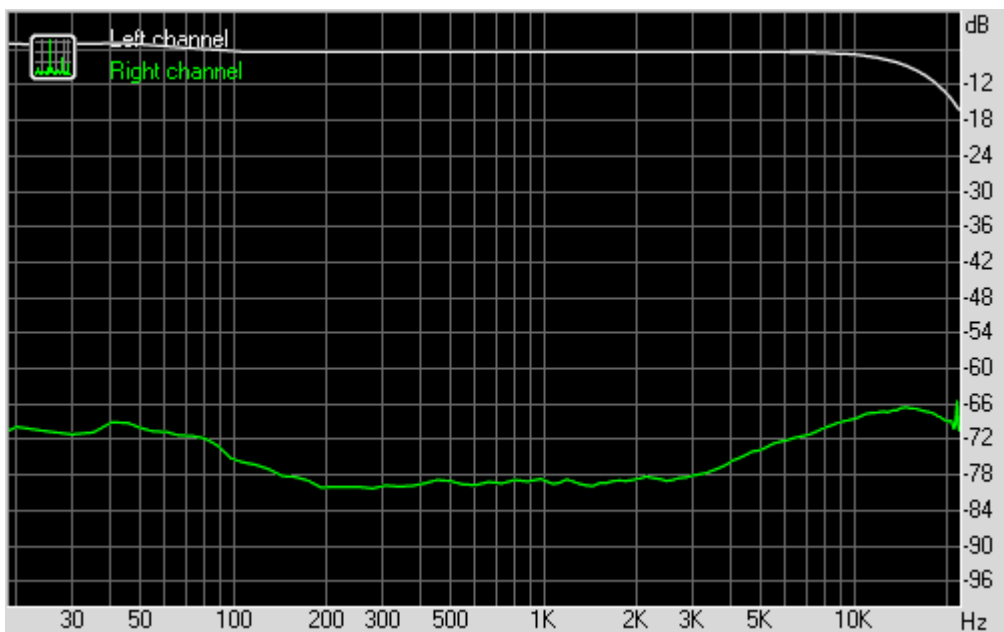
	Left	Right
THD, %	+0.0439	+0.0439
THD + Noise, %	+0.5162	+0.5161
THD + Noise (A-weighted), %	+0.5712	+0.5711

Intermodulation distortion



	Left	Right
IMD + Noise, %	+0.8151	+0.8151
IMD + Noise (A-weighted), %	+0.8137	+0.8138

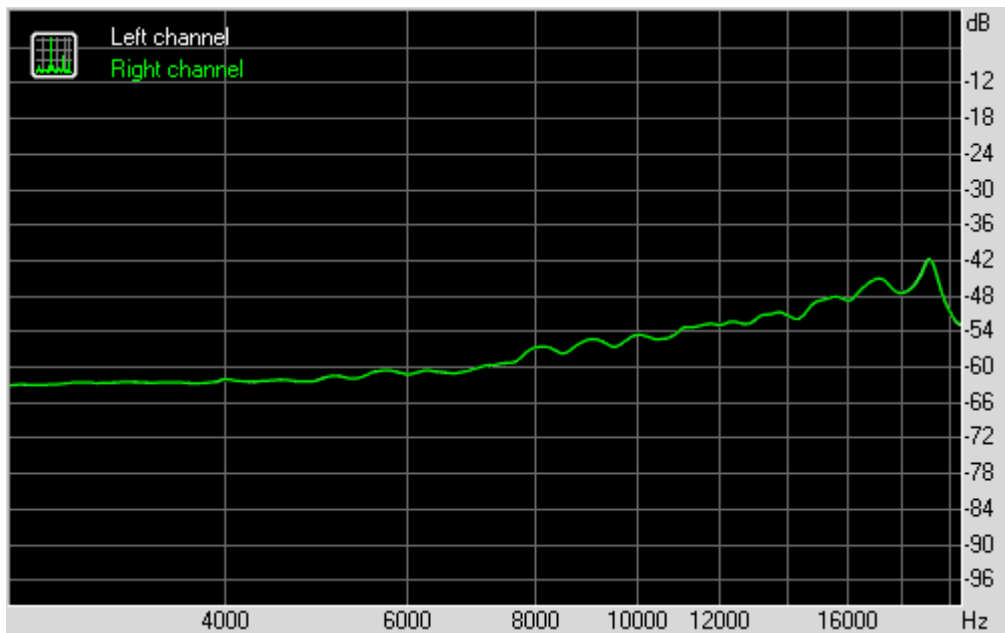
Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-5	-74

Crosstalk at 1000 Hz, dB	-5	-78
Crosstalk at 10000 Hz, dB	-6	-68

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.0814	0.0811
IMD + Noise at 10000 Hz,	0.1873	0.1874
IMD + Noise at 15000 Hz,	0.3635	0.3632