

RightMark Audio Analyzer test report

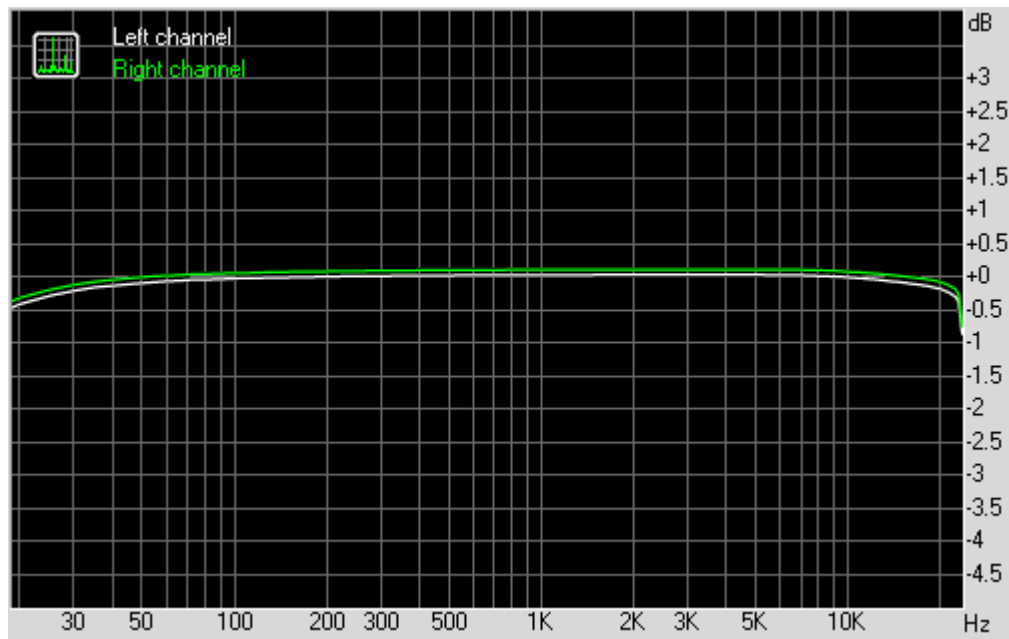
Testing device	M-Audio USB 2.0 1-3 1-2 48
Sampling mode	24-bit, 48 kHz
Interface	
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.3.0

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-0.2 dB / -0.1 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

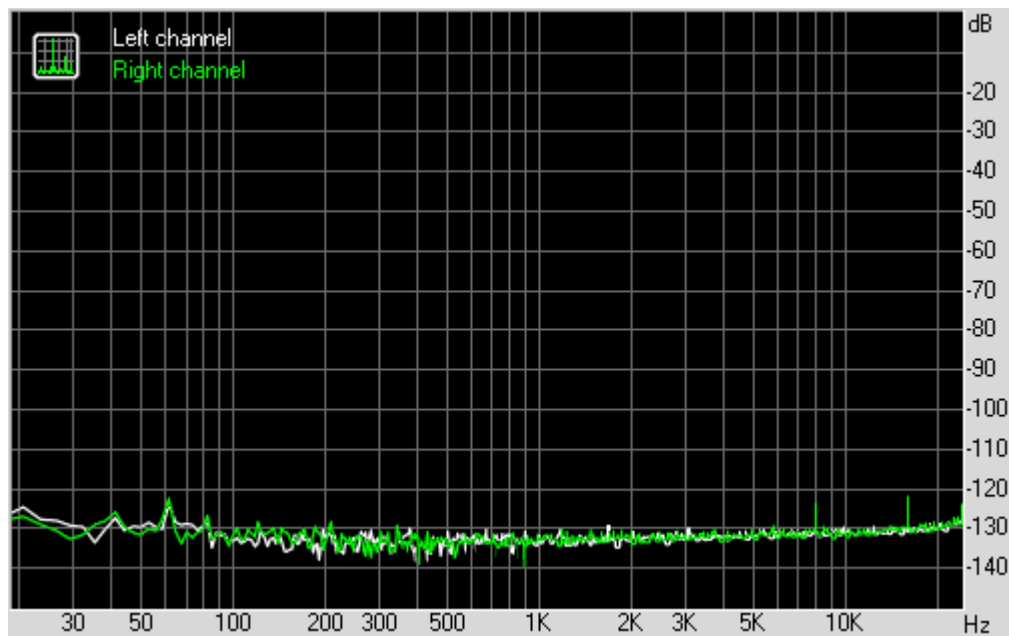
Frequency response (from 40 Hz to 15 kHz), dB	+0.02, -0.14	Very good
Noise level, dB (A)	-99.9	Excellent
Dynamic range, dB (A)	99.9	Excellent
THD, %	0.0007	Excellent
THD + Noise, dB (A)	-92.9	Very good
IMD + Noise, %	0.0030	Excellent
Stereo crosstalk, dB	-100.4	Excellent
IMD at 10 kHz, %	0.0032	Excellent
General performance		Excellent

Frequency response



	Left	Right
From 20 Hz to 20 kHz, dB	-0.42, +0.02	-0.33, +0.10
From 40 Hz to 15 kHz, dB	-0.14, +0.02	-0.05, +0.10

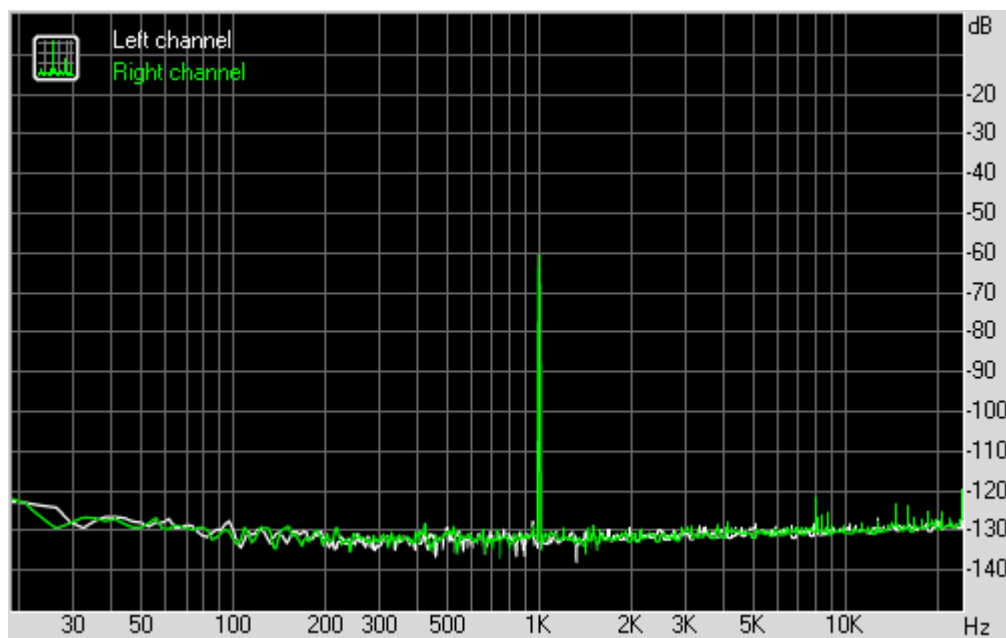
Noise level



	Left	Right
RMS power, dB	-98.6	-98.4
RMS power (A-weighted), dB	-99.9	-99.8

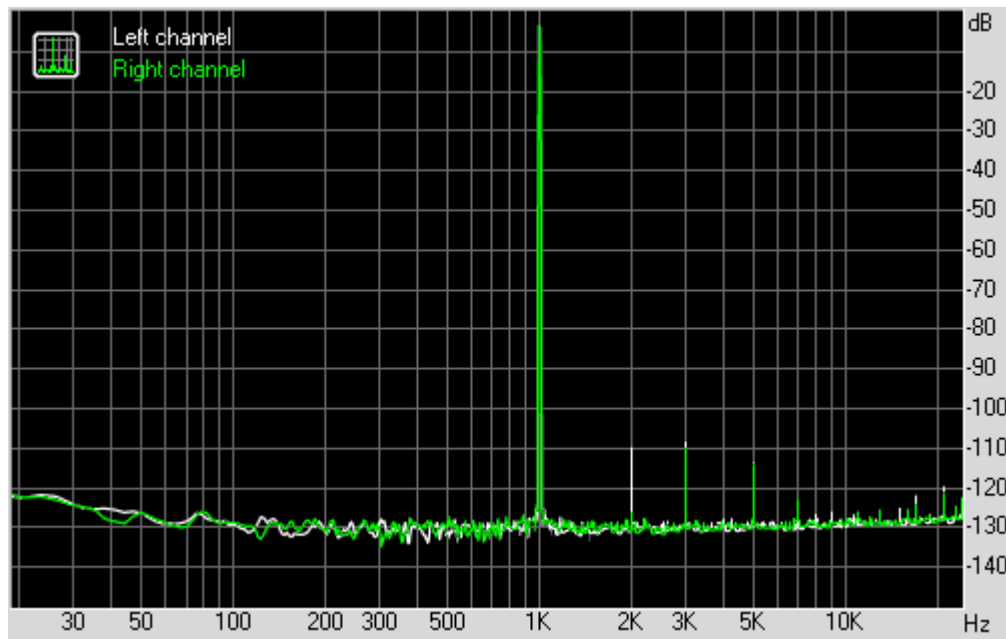
Peak level, dB FS	-84.9	-84.7
DC offset, %	-0.0	+0.0

Dynamic range



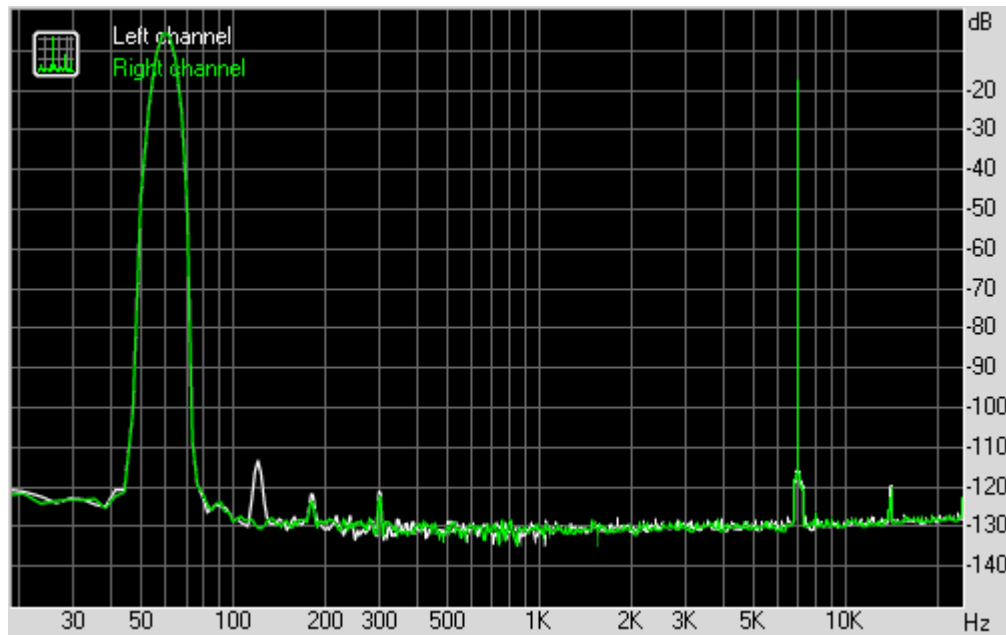
	Left	Right
Dynamic range, dB	+98.6	+98.5
Dynamic range (A-weighted), dB	+99.9	+99.9
DC offset, %	+0.00	+0.00

THD + Noise (at -3 dB FS)



	Left	Right
THD, %	+0.0008	+0.0006
THD + Noise, %	+0.0025	+0.0025
THD + Noise (A-weighted), %	+0.0023	+0.0022

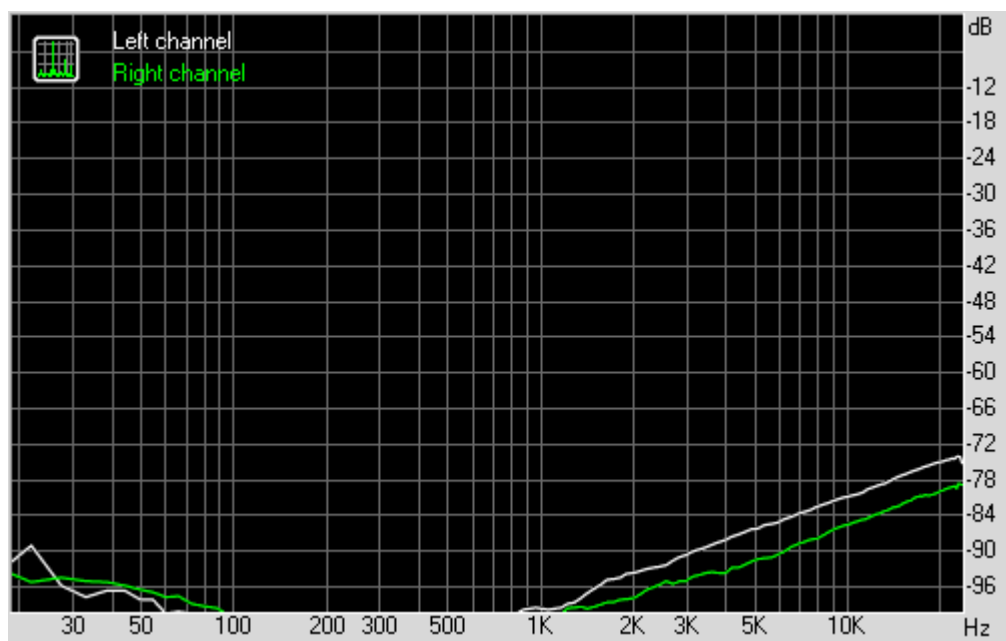
Intermodulation distortion



	Left	Right
IMD + Noise, %	+0.0030	+0.0030

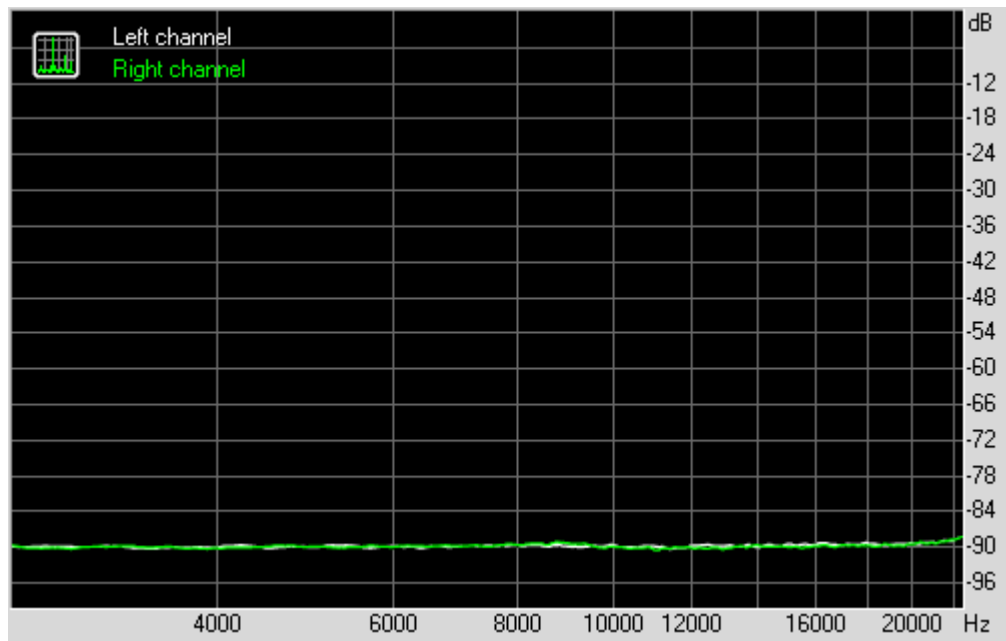
IMD + Noise (A-weighted), % +0.0026 +0.0026

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-102	-100
Crosstalk at 1000 Hz, dB	-99	-100
Crosstalk at 10000 Hz, dB	-80	-85

IMD (swept tones)



		Left	Right
M	Noise at 1000 Hz	0.0032	0.0032
M	Noise at 10000 Hz	0.0033	0.0032
M	Noise at 10000 Hz	0.0034	0.0032