

RightMark Audio Analyzer test report

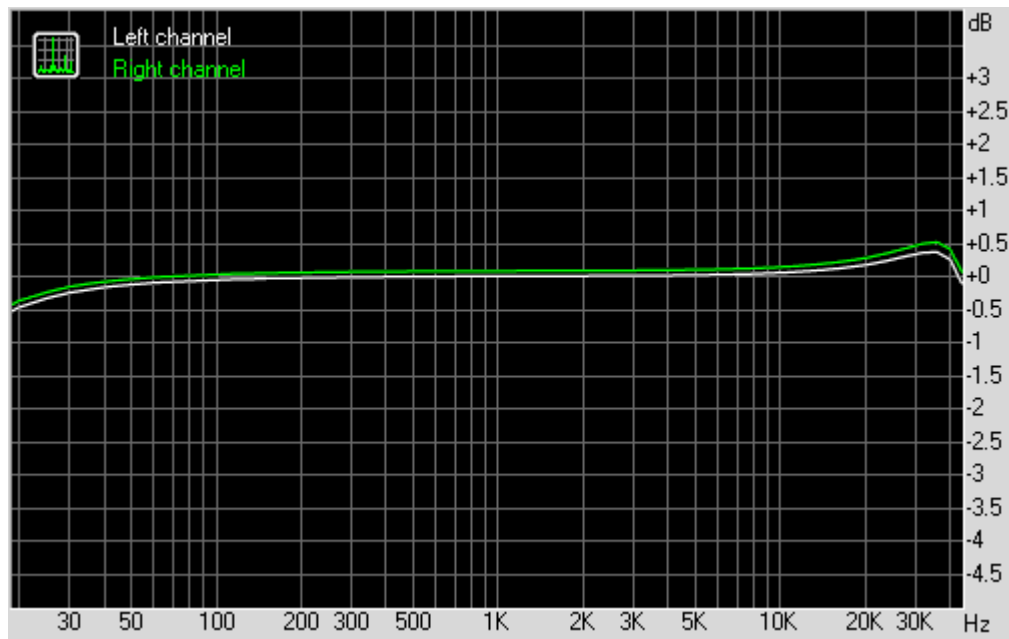
Testing device	M-Audio USB 2.0 1-3 1-2 96 2
Sampling mode	24-bit, 96 kHz
Interface	
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.3.0

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-0.4 dB / -0.3 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

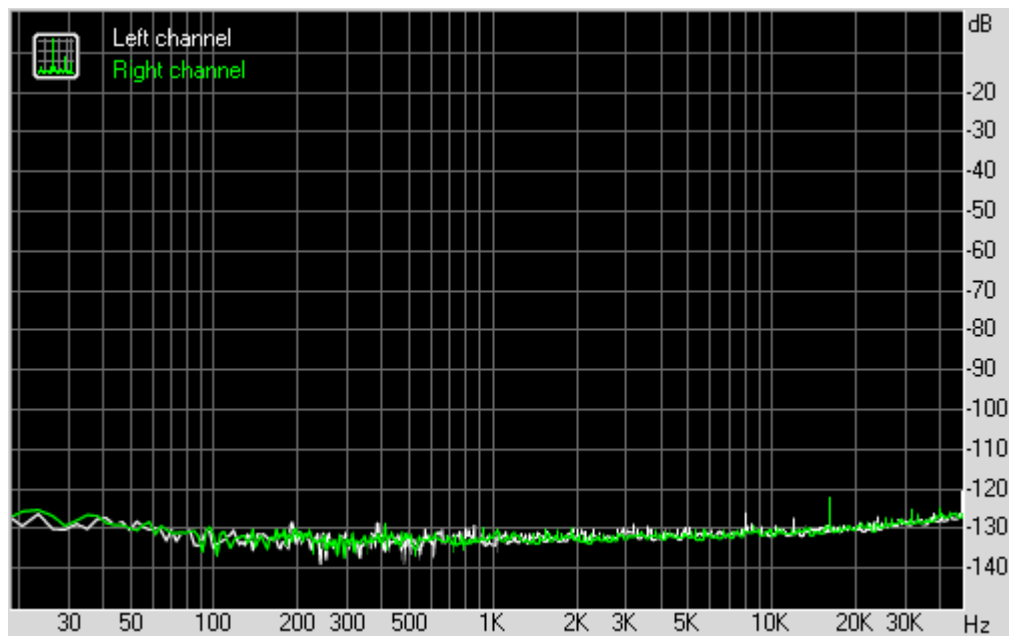
Frequency response (from 40 Hz to 15 kHz), dB	+0.20, -0.08	Very good
Noise level, dB (A)	-99.8	Excellent
Dynamic range, dB (A)	99.7	Excellent
THD, %	0.0009	Excellent
THD + Noise, dB (A)	-92.6	Very good
IMD + Noise, %	0.0031	Excellent
Stereo crosstalk, dB	-97.7	Excellent
IMD at 10 kHz, %	0.0032	Excellent
General performance		Very good

Frequency response



	Left	Right
From 20 Hz to 20 kHz, dB	-0.47, +0.17	-0.37, +0.28
From 40 Hz to 15 kHz, dB	-0.17, +0.11	-0.08, +0.20

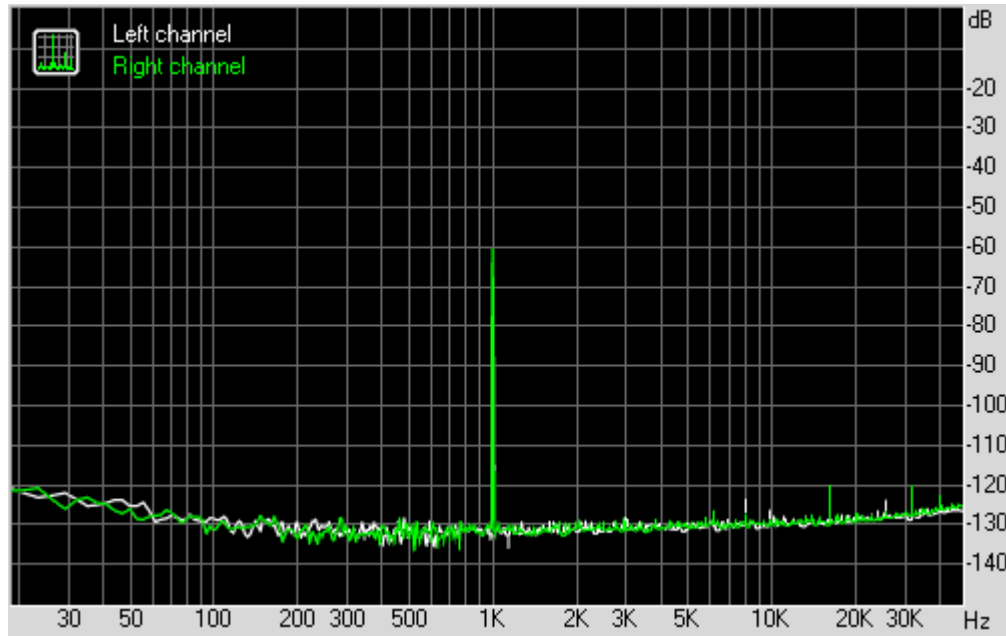
Noise level



	Left	Right
RMS power, dB	-98.6	-98.5
RMS power (A-weighted), dB	-99.8	-99.8

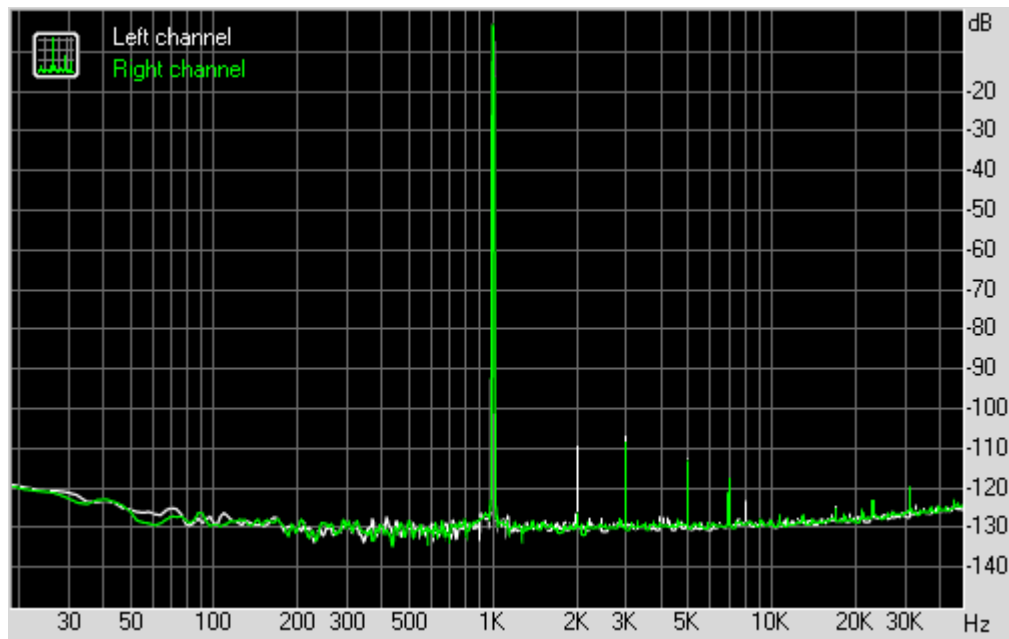
Peak level, dB FS	-80.7	-80.1
DC offset, %	+0.0	-0.0

Dynamic range



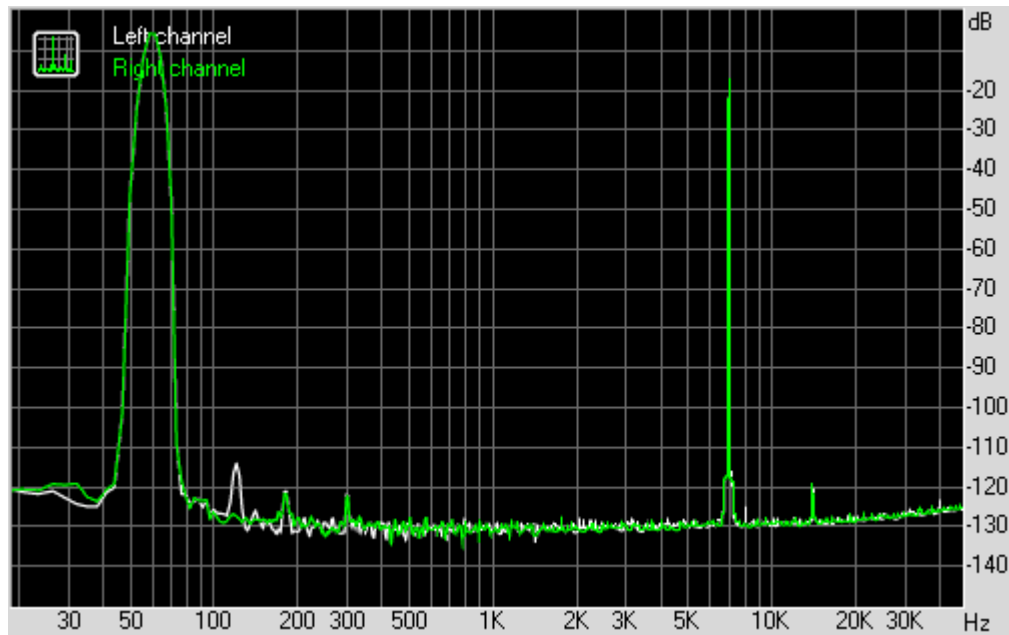
	Left	Right
Dynamic range, dB	+98.4	+98.4
Dynamic range (A-weighted), dB	+99.7	+99.7
DC offset, %	-0.00	-0.00

THD + Noise (at -3 dB FS)



	Left	Right
THD, %	+0.0010	+0.0007
THD + Noise, %	+0.0026	+0.0025
THD + Noise (A-weighted), %	+0.0024	+0.0023

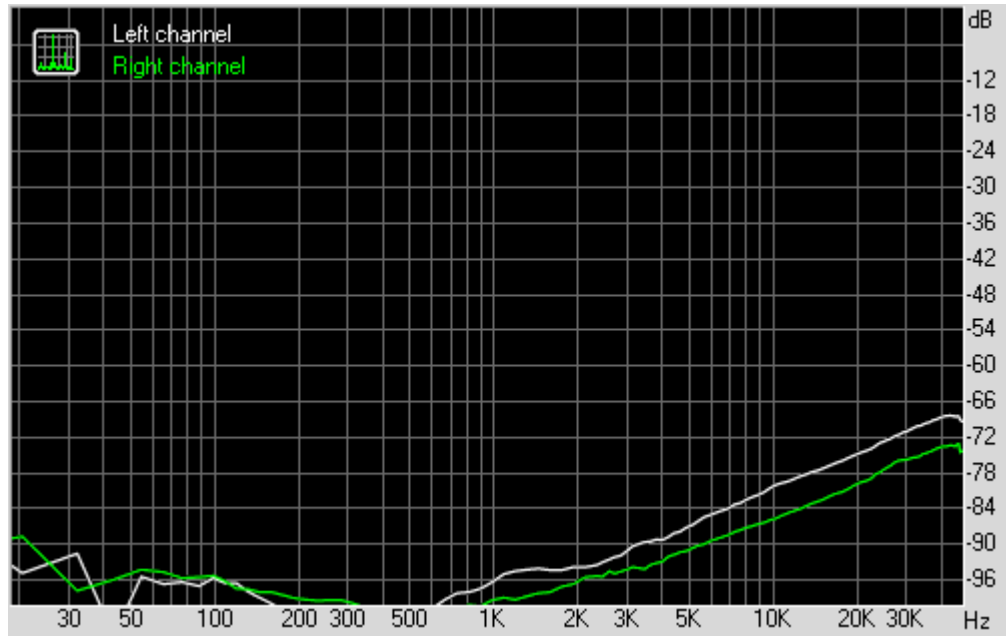
Intermodulation distortion



	Left	Right
IMD + Noise, %	+0.0031	+0.0030

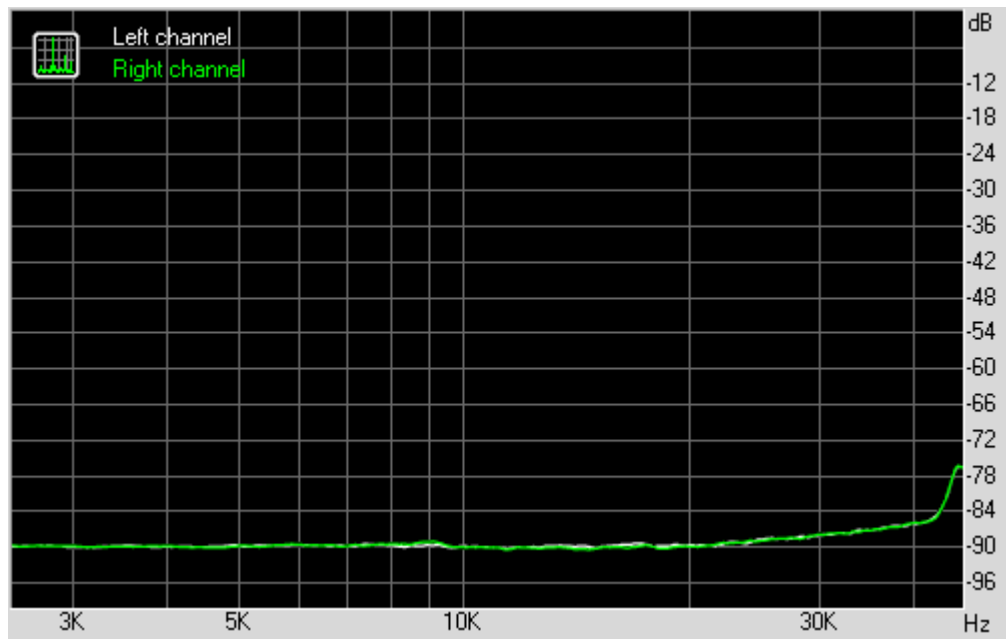
IMD + Noise (A-weighted), % +0.0027 +0.0026

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-95	-94
Crosstalk at 1000 Hz, dB	-95	-98
Crosstalk at 10000 Hz, dB	-79	-85

IMD (swept tones)



			Left	Right
M	Noise at 1000 Hz		0.0033	0.0032
M	Noise at 10000 Hz		0.0032	0.0032
M	Noise at 10000 Hz		0.0031	0.0031