

## RightMark Audio Analyzer test report

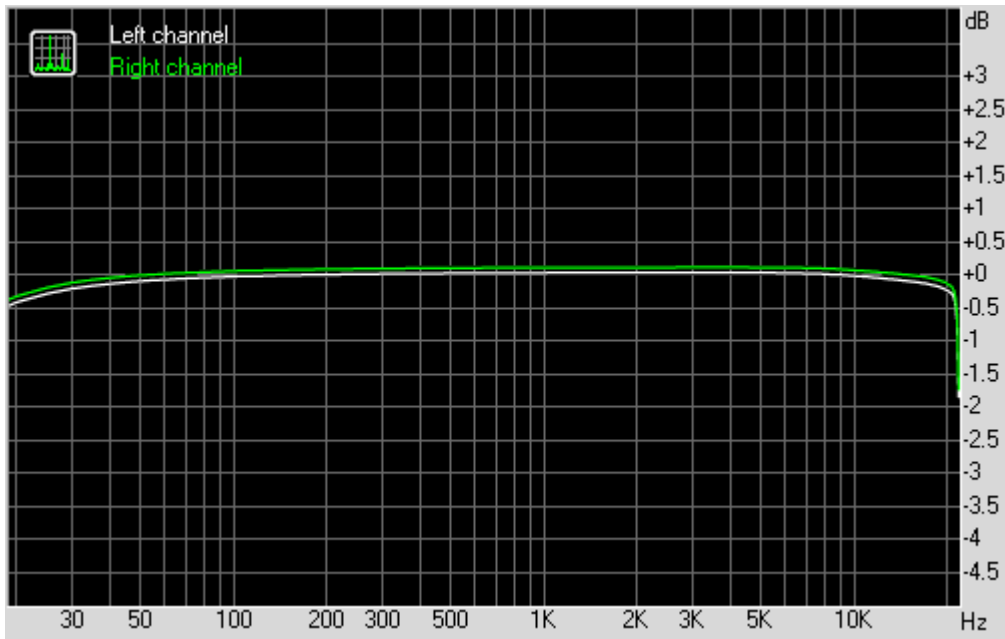
Testing device	M-Audio USB 2.0 1-3 1-2 44.1
Sampling mode	24-bit, 44 kHz
Interface	
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.3.0

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

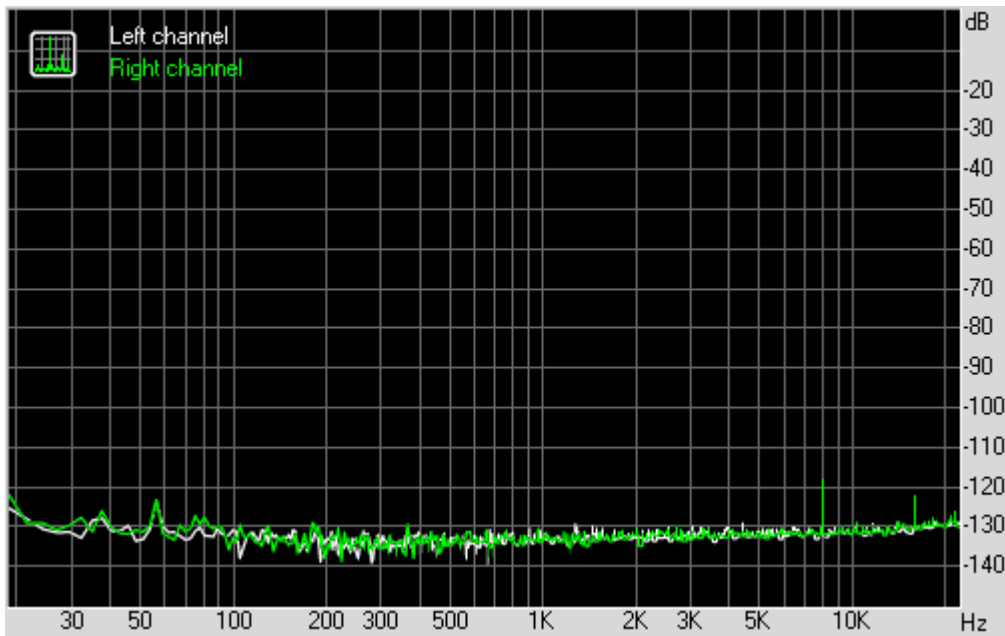
Frequency response (from 40 Hz to 15 kHz), dB	+0.03, -0.14	Very good
Noise level, dB (A)	-99.8	Excellent
Dynamic range, dB (A)	99.8	Excellent
THD, %	0.0008	Excellent
THD + Noise, dB (A)	-92.6	Very good
IMD + Noise, %	0.0031	Excellent
Stereo crosstalk, dB	-99.3	Excellent
IMD at 10 kHz, %	0.0032	Excellent
<b>General performance</b>		<b>Excellent</b>

### Frequency response



	Left	Right
From 20 Hz to 20 kHz, dB	-0.42, +0.03	-0.33, +0.11
From 40 Hz to 15 kHz, dB	-0.14, +0.03	-0.06, +0.11

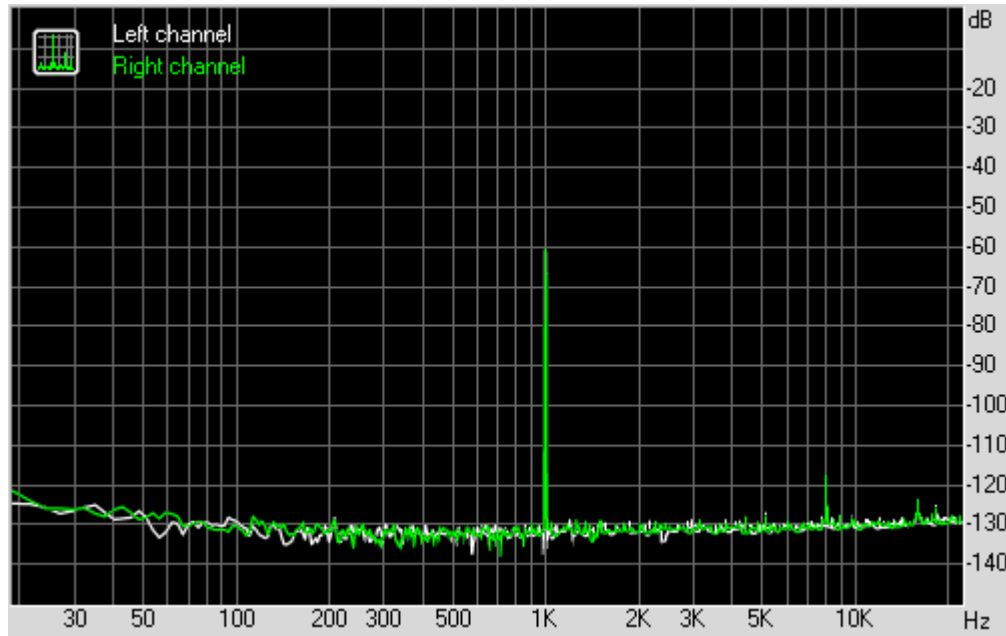
### Noise level



	Left	Right
RMS power, dB	-98.5	-98.4
RMS power (A-weighted), dB	-99.8	-99.8

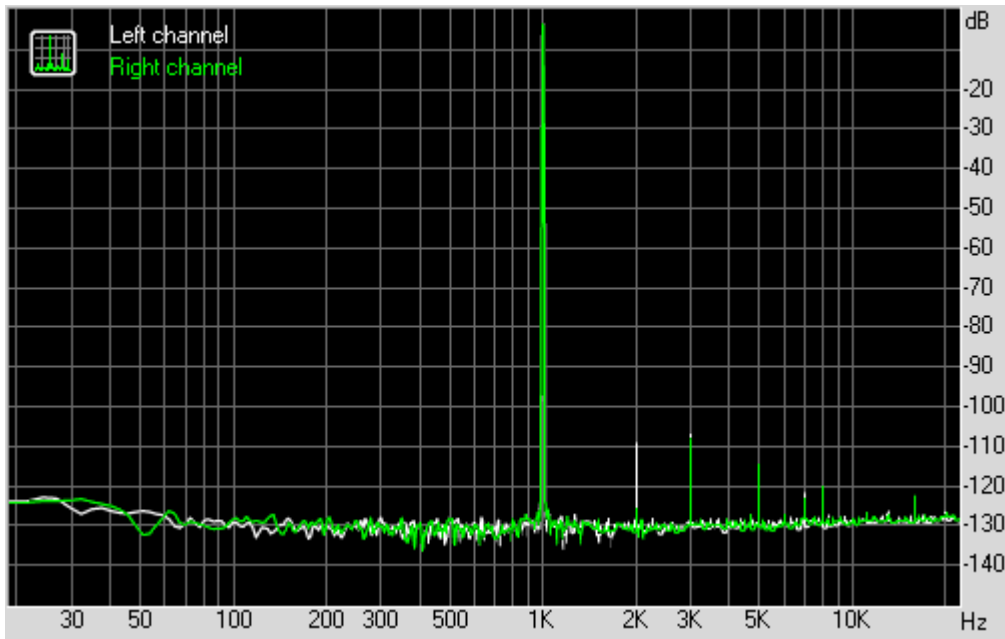
Peak level, dB FS	-84.9	-84.8
DC offset, %	-0.0	-0.0

### Dynamic range



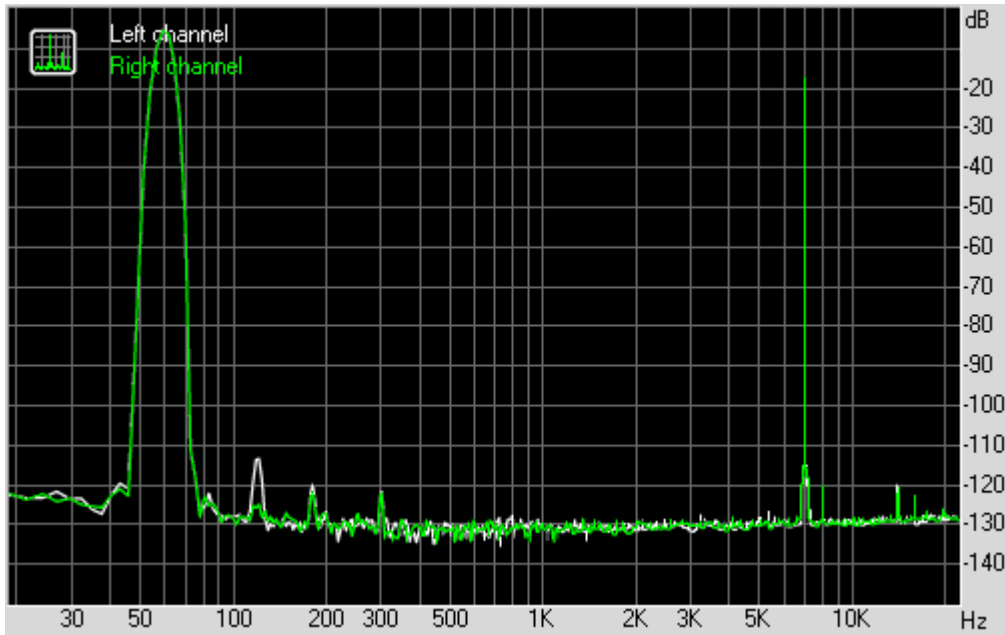
	Left	Right
Dynamic range, dB	+98.5	+98.5
Dynamic range (A-weighted), dB	+99.8	+99.8
DC offset, %	-0.00	-0.00

### THD + Noise (at -3 dB FS)



	Left	Right
THD, %	+0.0009	+0.0007
THD + Noise, %	+0.0026	+0.0025
THD + Noise (A-weighted), %	+0.0024	+0.0023

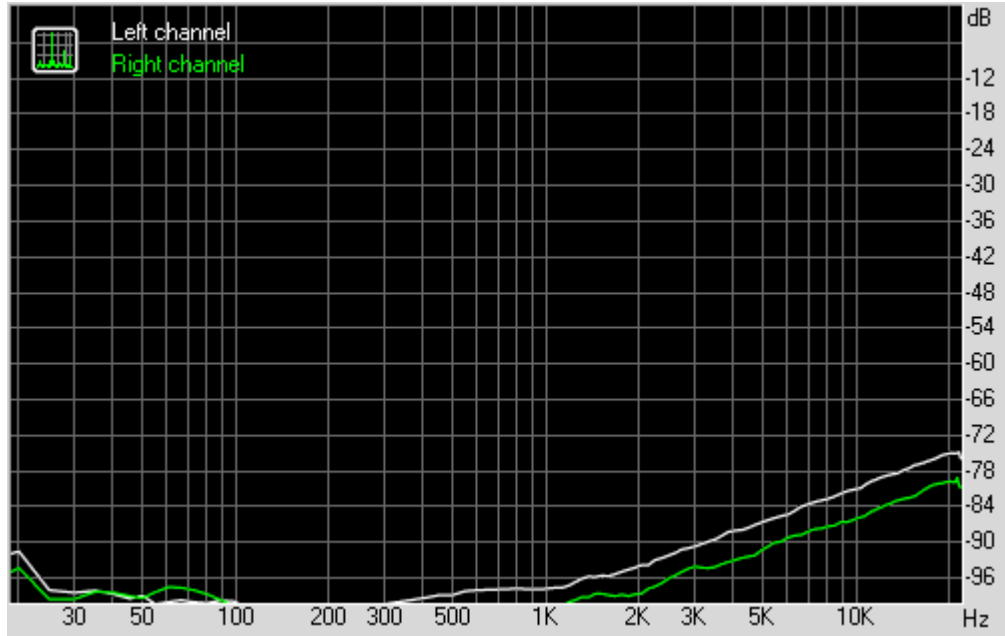
### Intermodulation distortion



	Left	Right
IMD + Noise, %	+0.0031	+0.0031

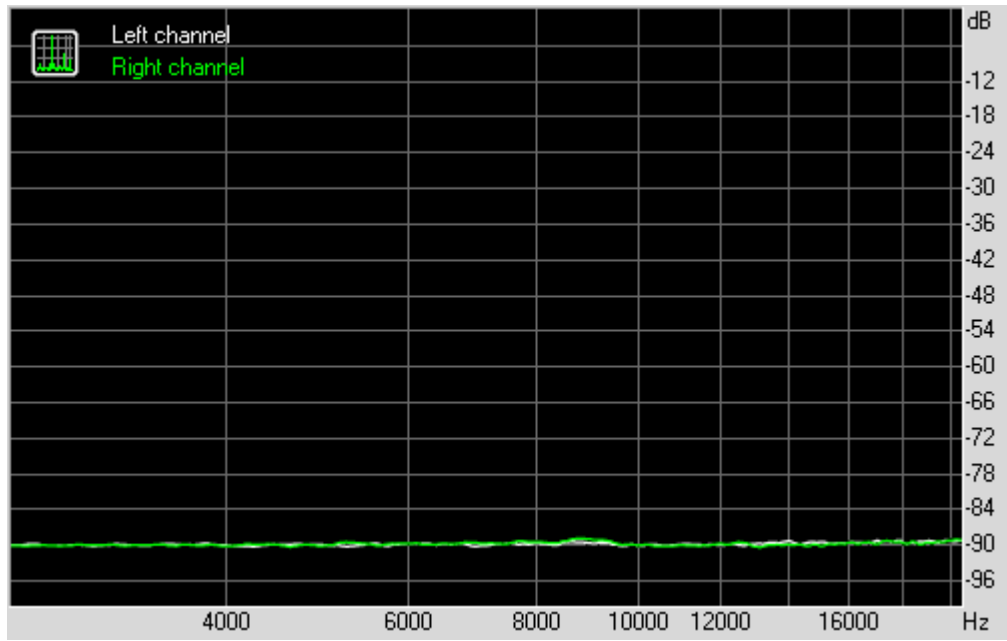
IMD + Noise (A-weighted), %            +0.0027    +0.0026

### Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-99	-100
Crosstalk at 1000 Hz, dB	-97	-100
Crosstalk at 10000 Hz, dB	-80	-85

### IMD (swept tones)



		Left	Right
M	noise at 000 Hz	0.0032	0.0032
M	noise at 10000 Hz	0.0031	0.0032
M	noise at 16000 Hz	0.0034	0.0031