

## RightMark Audio Analyzer test report

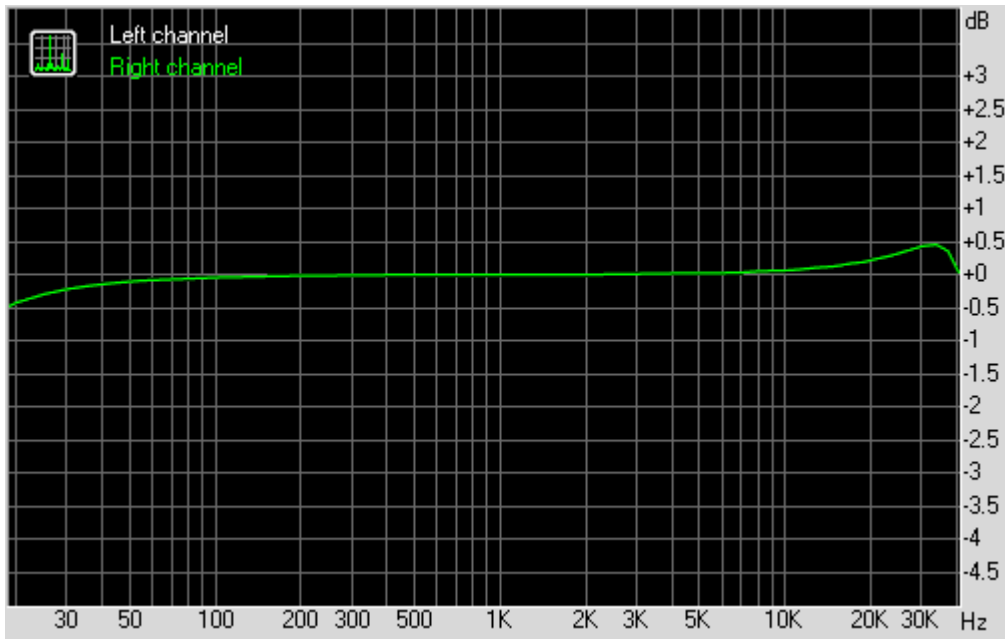
Testing device	Output (2- M-Audio Fast Track U
Sampling mode	24-bit, 88 kHz
Interface	MME
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.2.5

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

### Summary

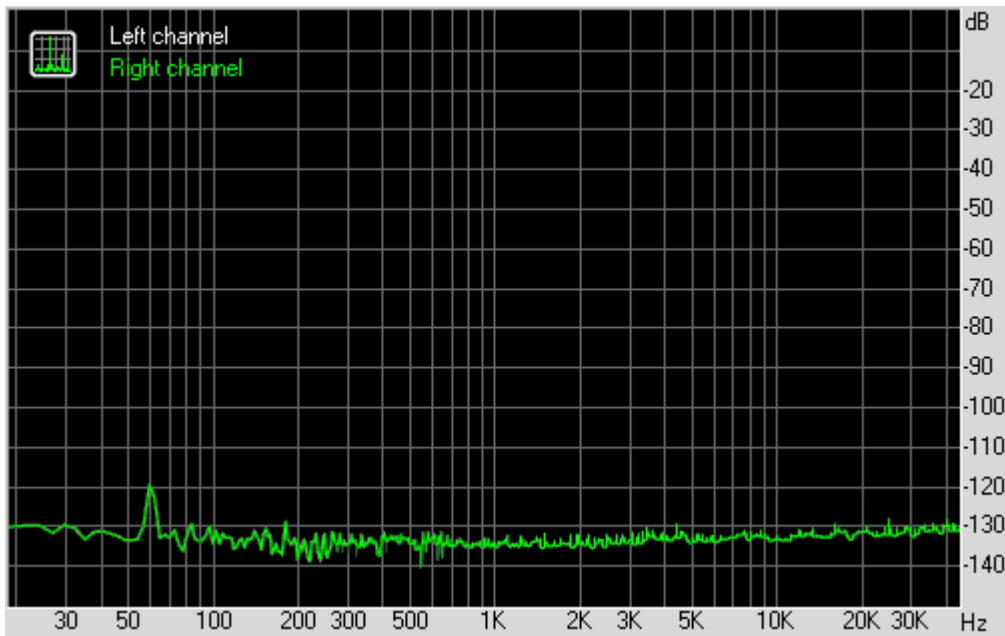
Frequency response (from 40 Hz to 15 kHz), dB	+0.12, -0.15	Very good
Noise level, dB (A)	-101.0	Excellent
Dynamic range, dB (A)	101.0	Excellent
THD, %	0.0017	Excellent
THD + Noise, dB (A)	-90.7	Very good
IMD + Noise, %	0.0030	Excellent
Stereo crosstalk, dB	-51.4	Poor
IMD at 10 kHz, %	0.0033	Excellent
<b>General performance</b>		<b>Very good</b>

### Frequency response



	Left	Right
From 20 Hz to 20 kHz, dB	-0.43, +0.21	-0.43, +0.21
From 40 Hz to 15 kHz, dB	-0.15, +0.12	-0.15, +0.12

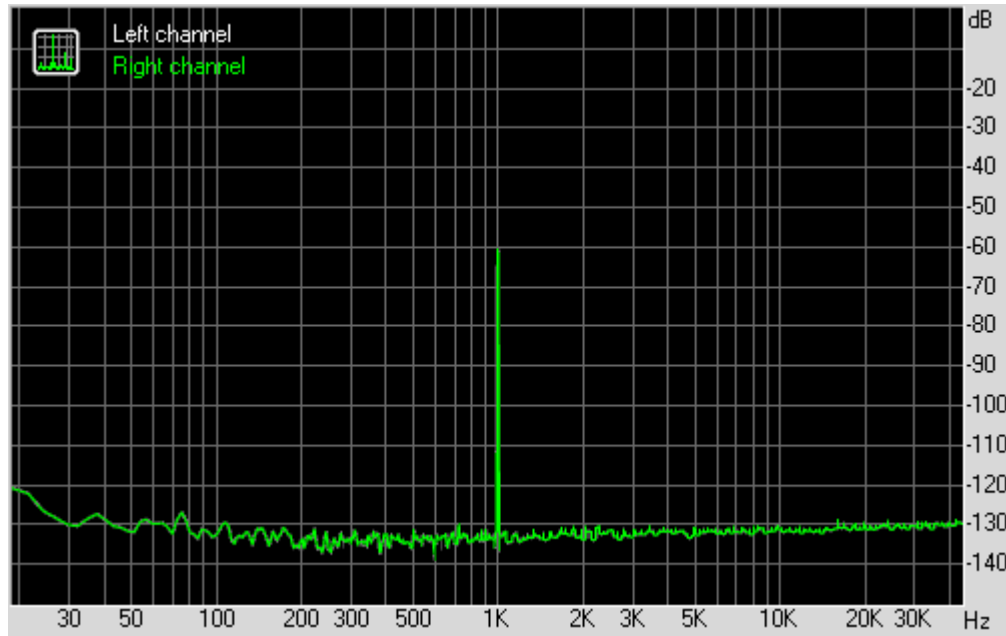
### Noise level



	Left	Right
RMS power, dB	-99.9	-99.9
RMS power (A-weighted), dB	-101.0	-101.0

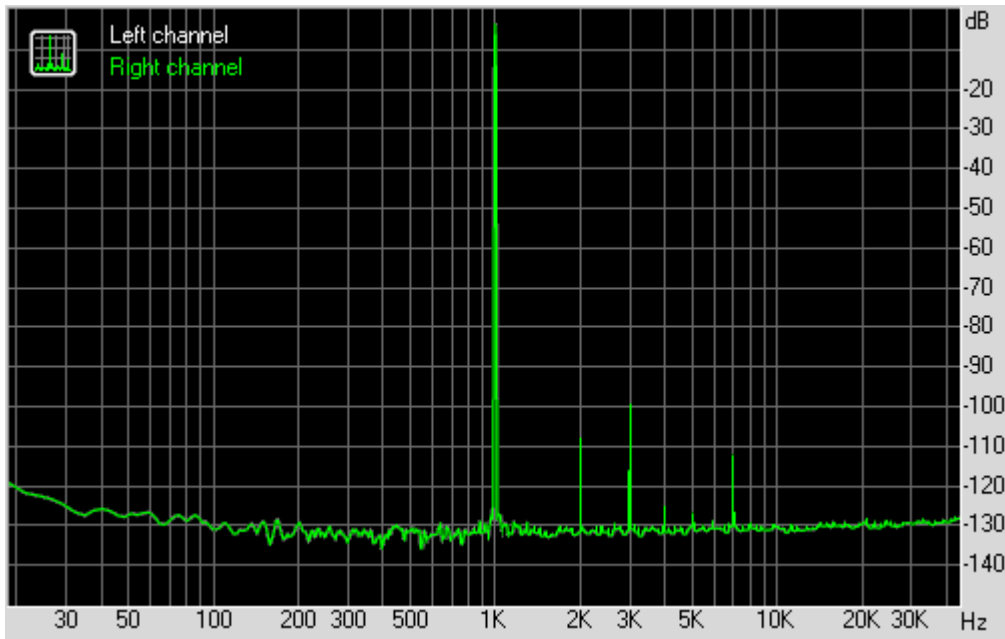
Peak level, dB FS	-82.5	-82.5
DC offset, %	+0.0	+0.0

### Dynamic range



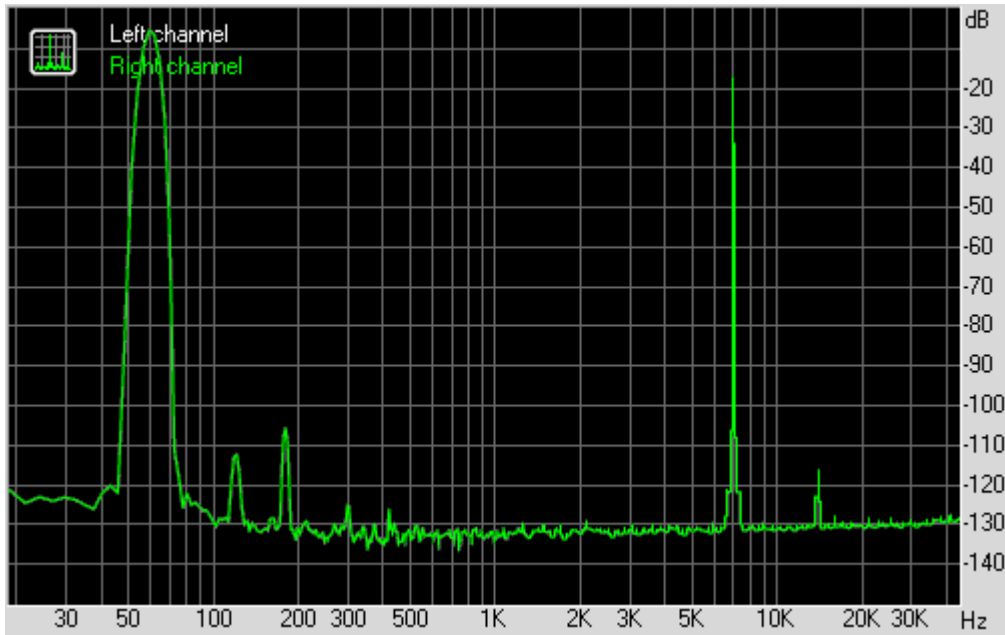
	Left	Right
Dynamic range, dB	+100.0	+100.0
Dynamic range (A-weighted), dB	+101.0	+101.0
DC offset, %	+0.00	+0.00

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



	Left	Right
THD, %	+0.0017	+0.0017
THD + Noise, %	+0.0027	+0.0027
THD + Noise (A-weighted), %	+0.0029	+0.0029

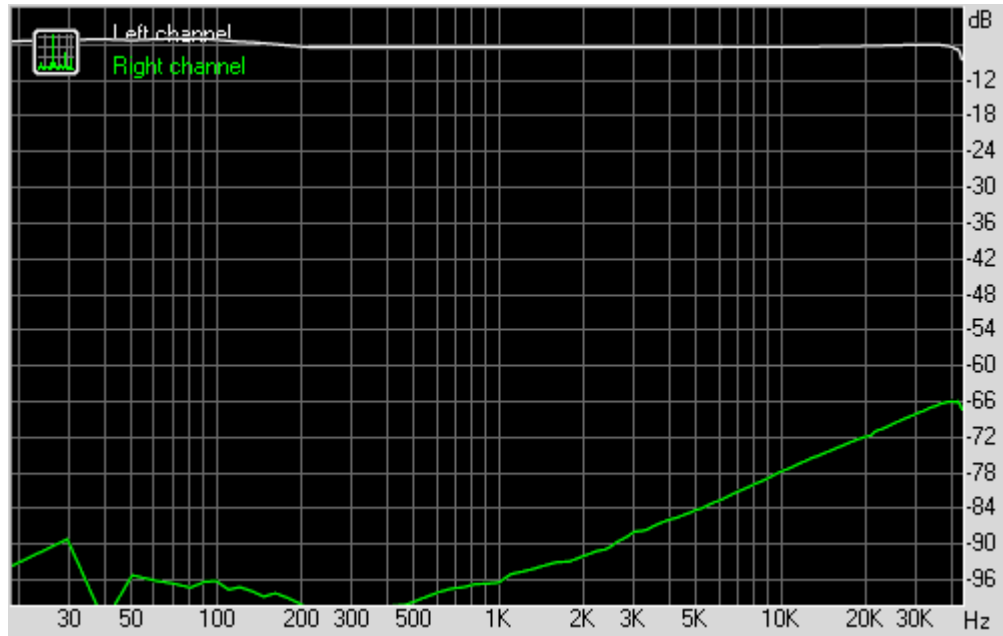
### Intermodulation distortion



	Left	Right
IMD + Noise, %	+0.0030	+0.0030

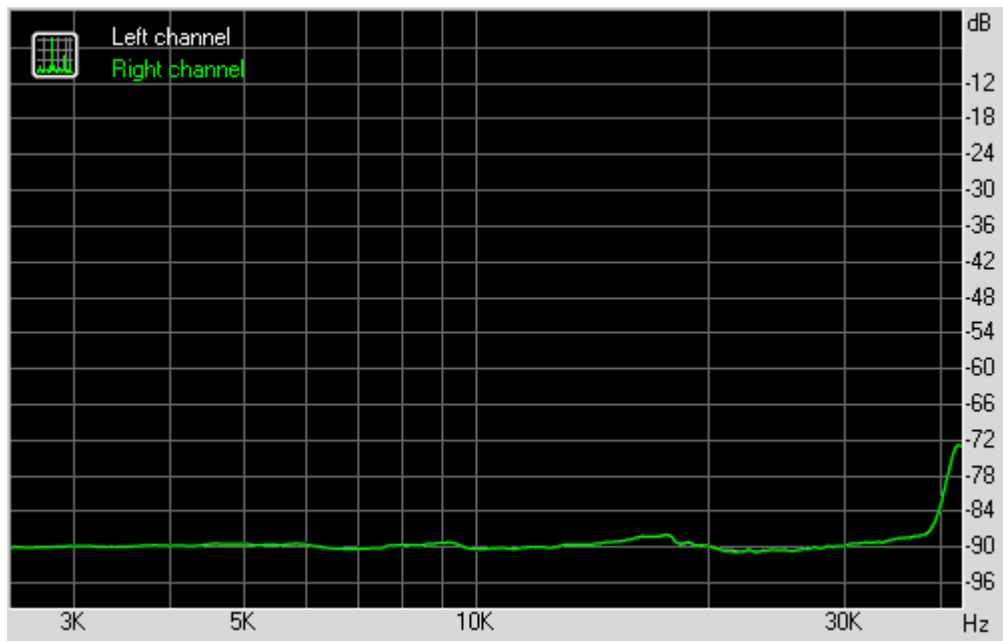
IMD + Noise (A-weighted), % +0.0025 +0.0025

### Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-4	-95
Crosstalk at 1000 Hz, dB	-5	-95
Crosstalk at 10000 Hz, dB	-5	-77

### IMD (swept tones)



		Left	Right
M	Noise at 1000 Hz	0.00	0.00
M	Noise at 10000 Hz	0.00	0.00
M	Noise at 10000 Hz	0.00	0.00