

RightMark Audio Analyzer test report

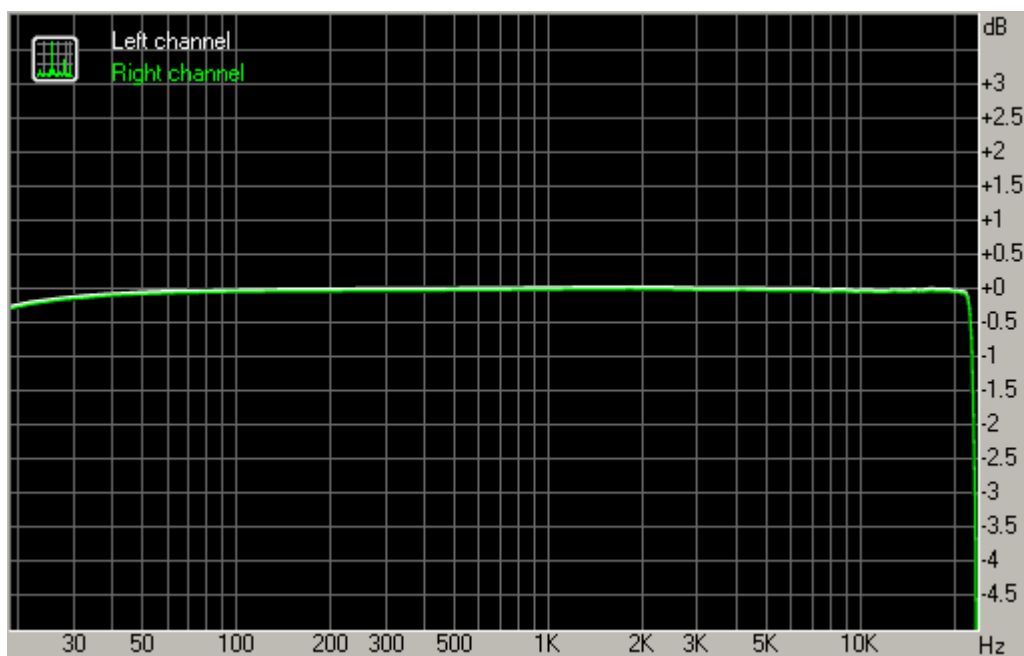
Testing device	clip sport
Sampling mode	16-bit, 48 kHz
Interface	
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.0

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-6.1 dB / -6.2 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

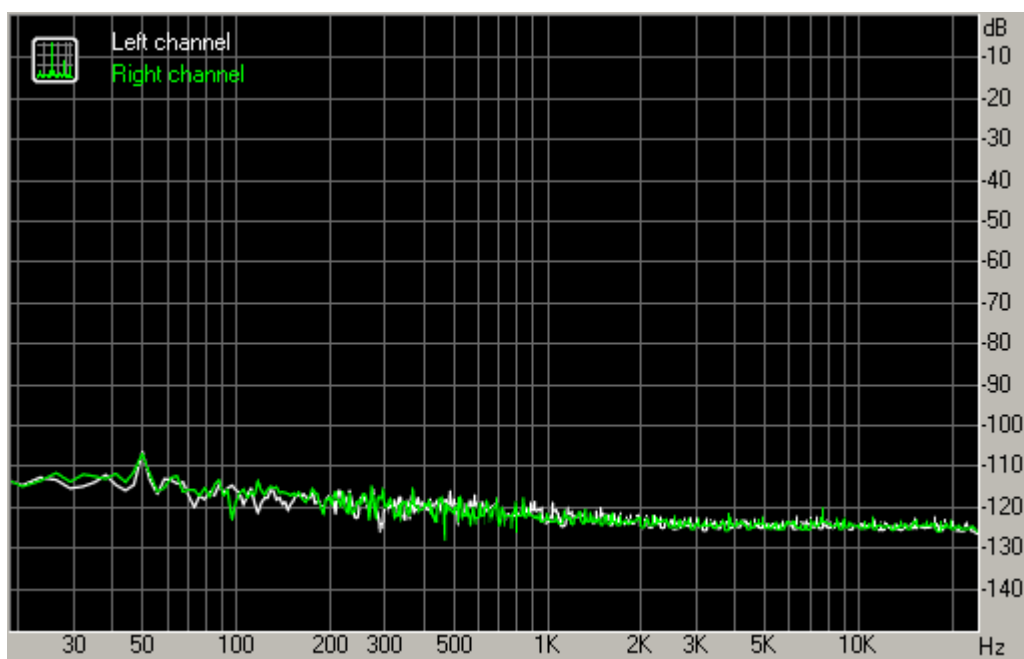
Frequency response (from 40 Hz to 15 kHz), dB	+0.03, -0.07	Excellent
Noise level, dB (A)	-92.1	Very good
Dynamic range, dB (A)	86.1	Good
THD, %	0.0070	Very good
THD + Noise, dB (A)	-77.8	Average
IMD + Noise, %	0.014	Very good
Stereo crosstalk, dB	-89.6	Excellent
IMD at 10 kHz, %	0.015	Very good
General performance		Very good

Frequency response



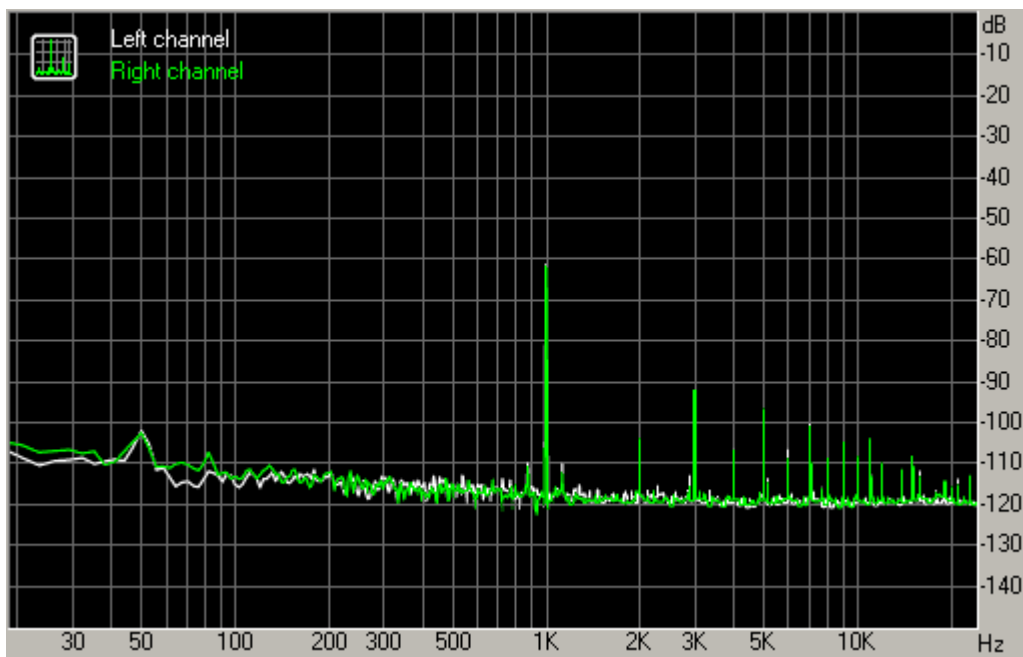
	Left	Right
From 20 Hz to 20 kHz, dB	-0.24, +0.03	-0.27, -0.01
From 40 Hz to 15 kHz, dB	-0.07, +0.03	-0.11, -0.01

Noise level



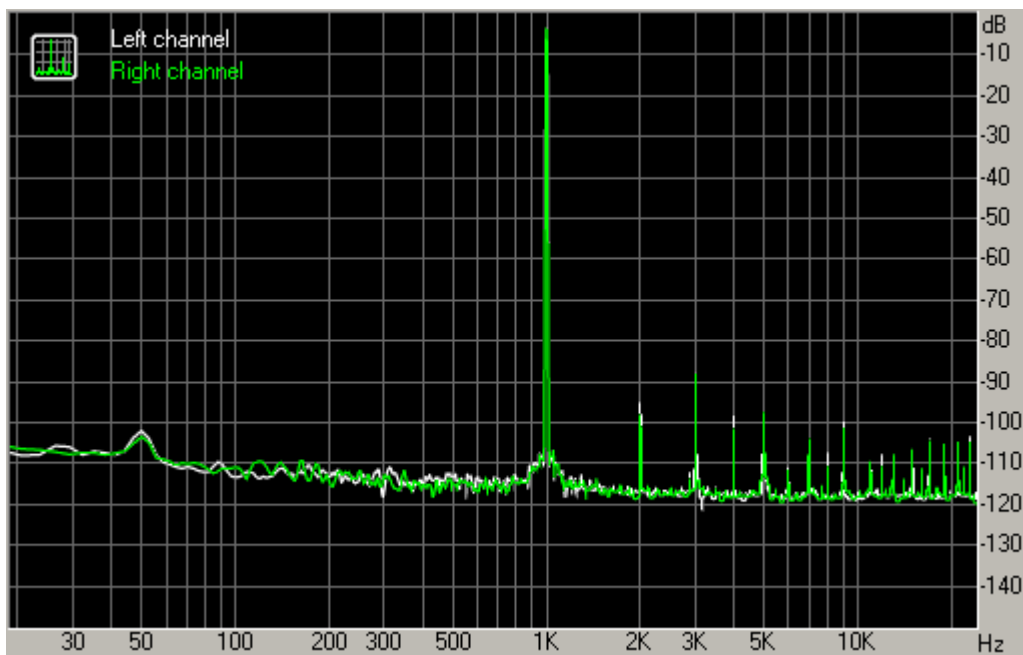
	Left	Right
RMS power, dB	-91.1	-90.8
RMS power (A-weighted), dB	-92.1	-92.0
Peak level, dB FS	-76.0	-73.4
DC offset, %	-0.0	-0.0

Dynamic range



	Left	Right
Dynamic range, dB	+85.9	+85.8
Dynamic range (A-weighted), dB	+86.0	+86.2
DC offset, %	-0.01	-0.01

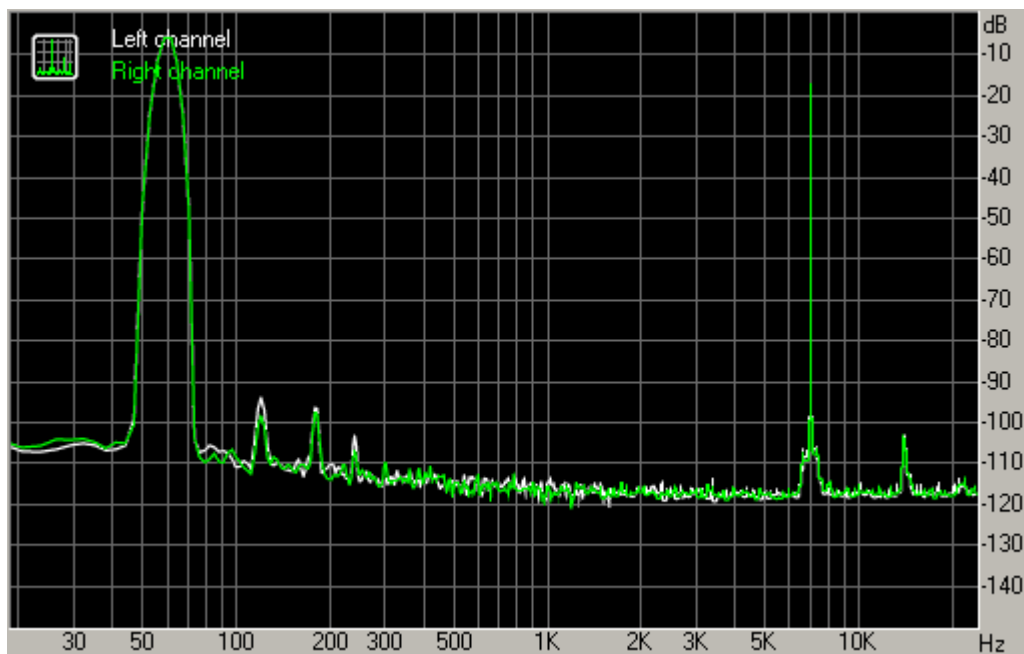
THD + Noise (at -3 dB FS)



	Left	Right
THD, %	+0.0071	+0.0068

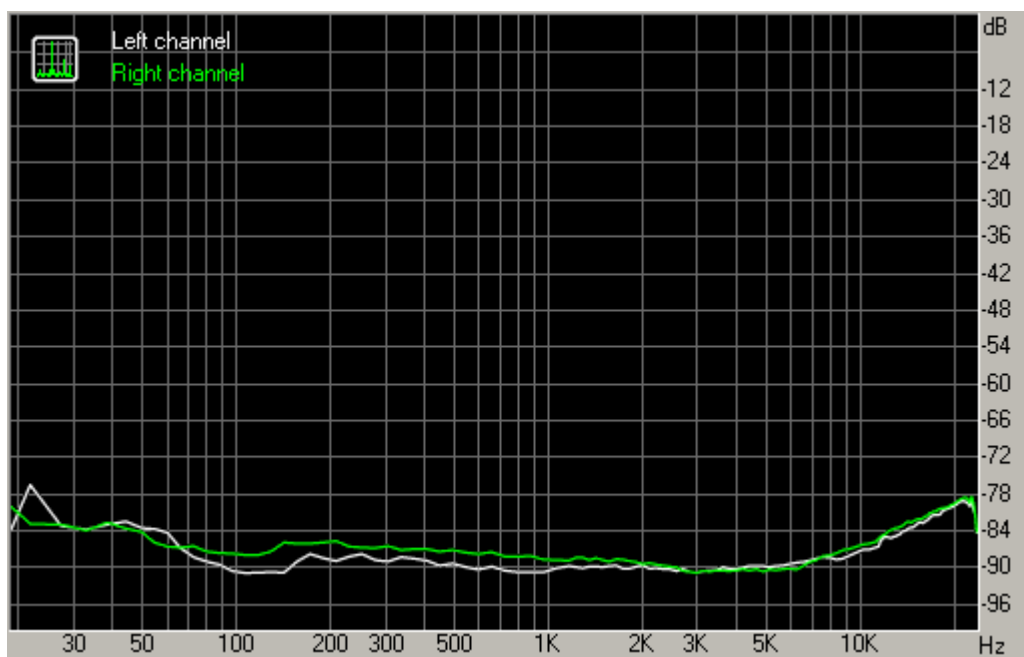
THD + Noise, %	+0.0125	+0.0123
THD + Noise (A-weighted), %	+0.0131	+0.0128

Intermodulation distortion



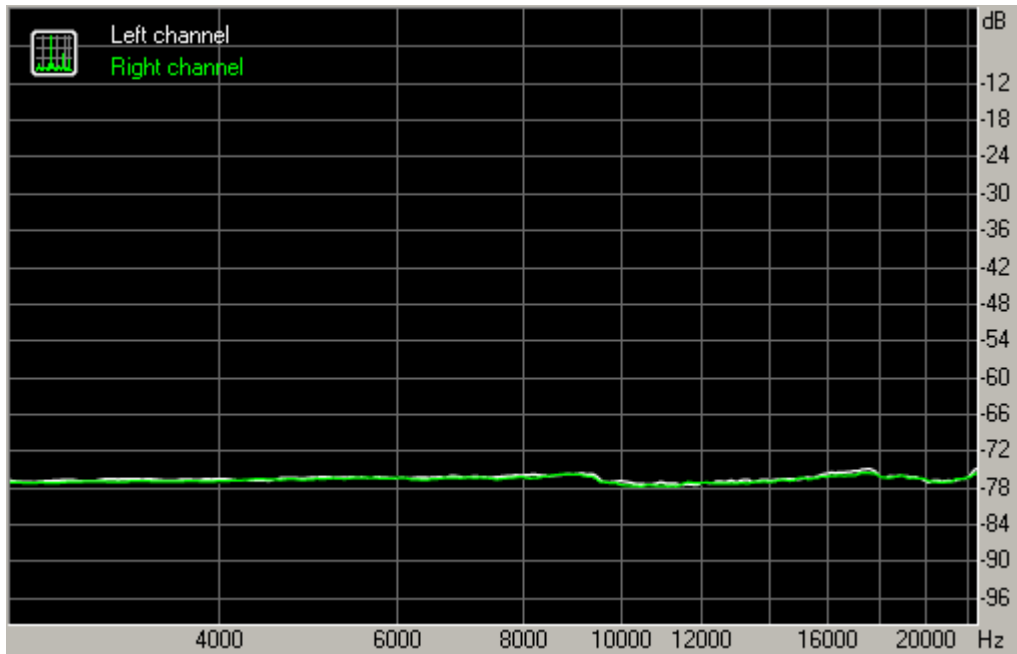
	Left	Right
IMD + Noise, %	+0.0142	+0.0136
IMD + Noise (A-weighted), %	+0.0117	+0.0115

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-90	-87
Crosstalk at 1000 Hz, dB	-90	-88
Crosstalk at 10000 Hz, dB	-86	-85

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.0154	0.0150
IMD + Noise at 10000 Hz,	0.0143	0.0134
IMD + Noise at 15000 Hz,	0.0149	0.0152