

RightMark Audio Analyzer test report

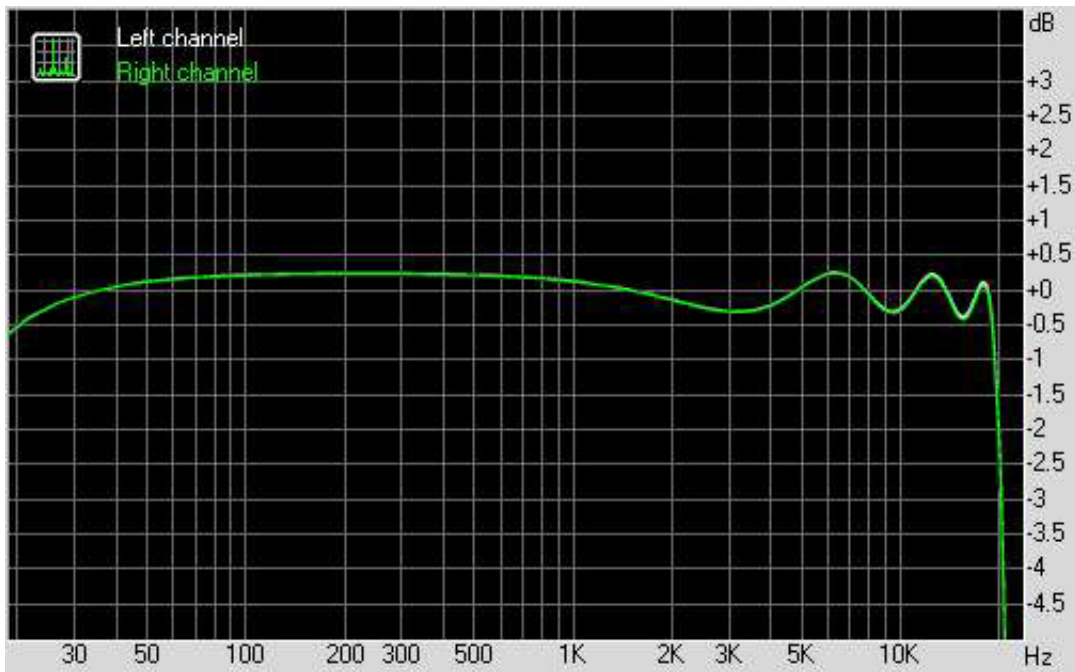
Testing device	Wave mapper
Sampling mode	16-bit, 48 kHz
Interface	MME
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.0

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-1.8 dB / -1.8 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	inverted/inverted

Summary

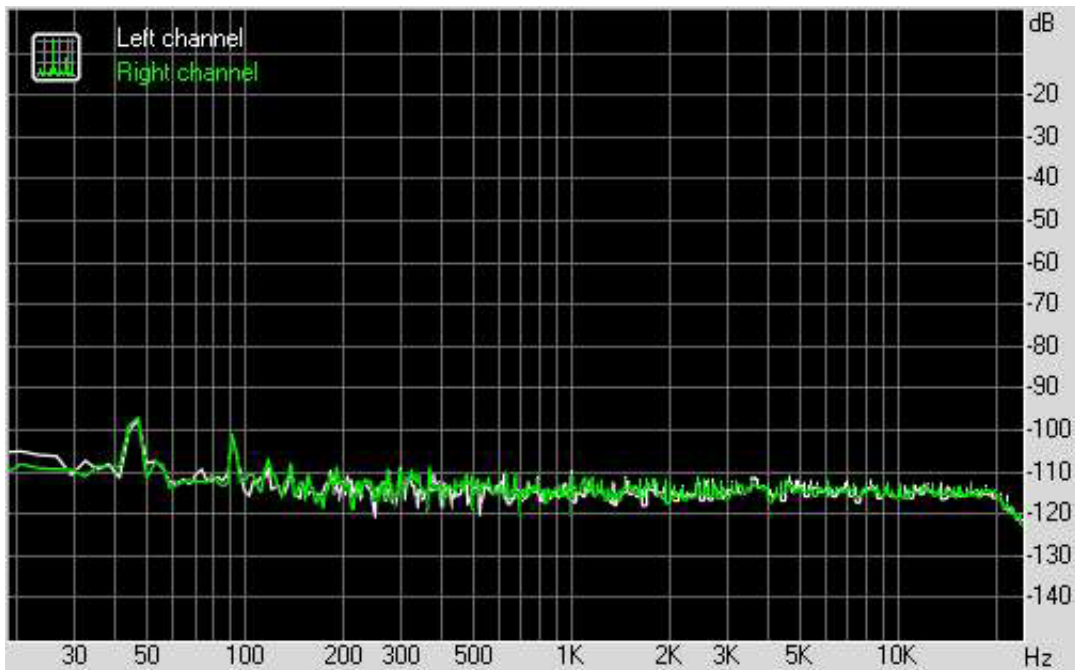
Frequency response (from 40 Hz to 15 kHz), dB	+0.24, -0.36	Good
Noise level, dB (A)	-84.1	Good
Dynamic range, dB (A)	86.2	Good
THD, %	0.0057	Very good
THD + Noise, dB (A)	-77.2	Average
IMD + Noise, %	0.028	Good
Stereo crosstalk, dB	-85.6	Excellent
IMD at 10 kHz, %	0.017	Very good
General performance		Very good

Frequency response



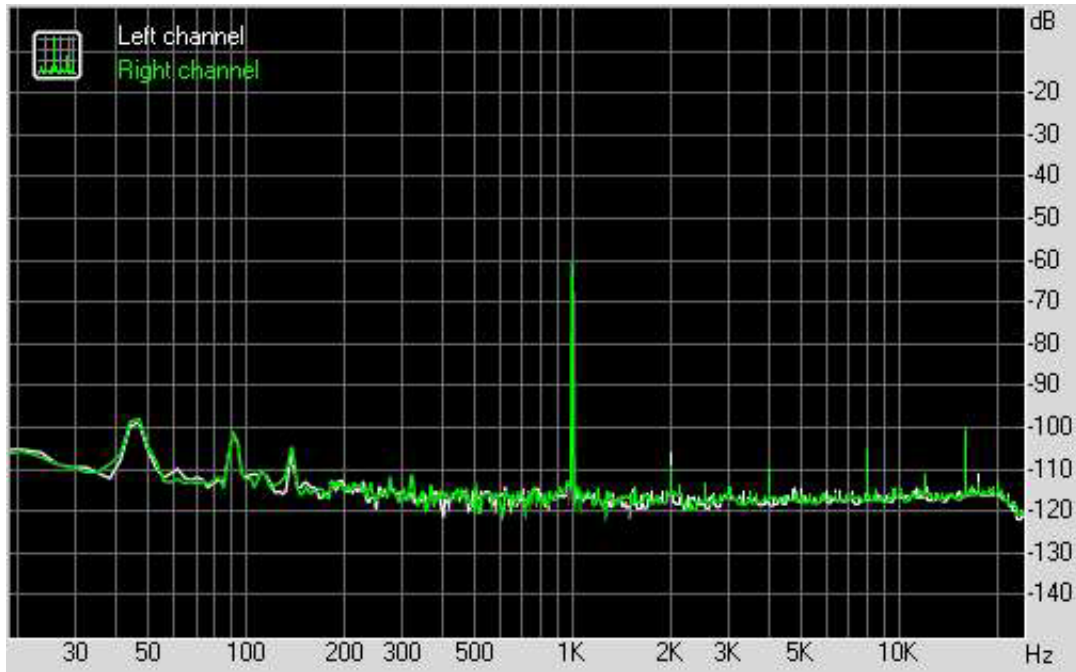
	Left	Right
From 20 Hz to 20 kHz, dB	-1.88, +0.25	-1.95, +0.24
From 40 Hz to 15 kHz, dB	-0.32, +0.25	-0.36, +0.24

Noise level



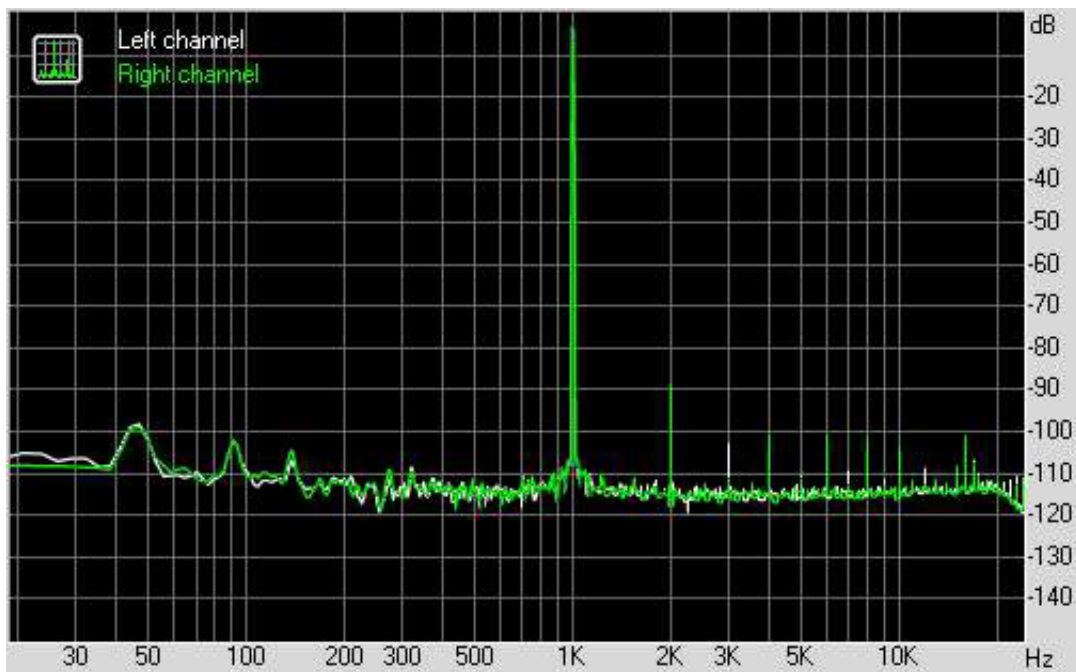
	Left	Right
RMS power, dB	-83.2	-83.0
RMS power (A-weighted), dB	-84.2	-84.0
Peak level, dB FS	-63.9	-63.9
DC offset, %	-0.0	-0.0

Dynamic range



	Left	Right
Dynamic range, dB	+85.0	+84.5
Dynamic range (A-weighted), dB	+86.4	+86.0
DC offset, %	+0.00	-0.00

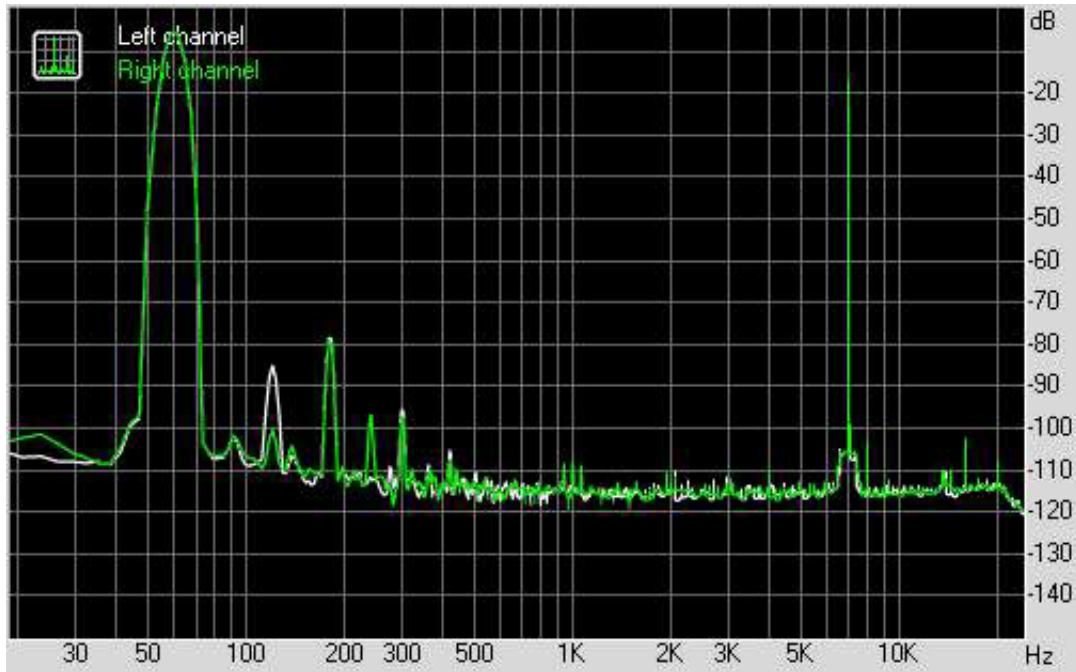
THD + Noise (at -3 dB FS)



Left Right

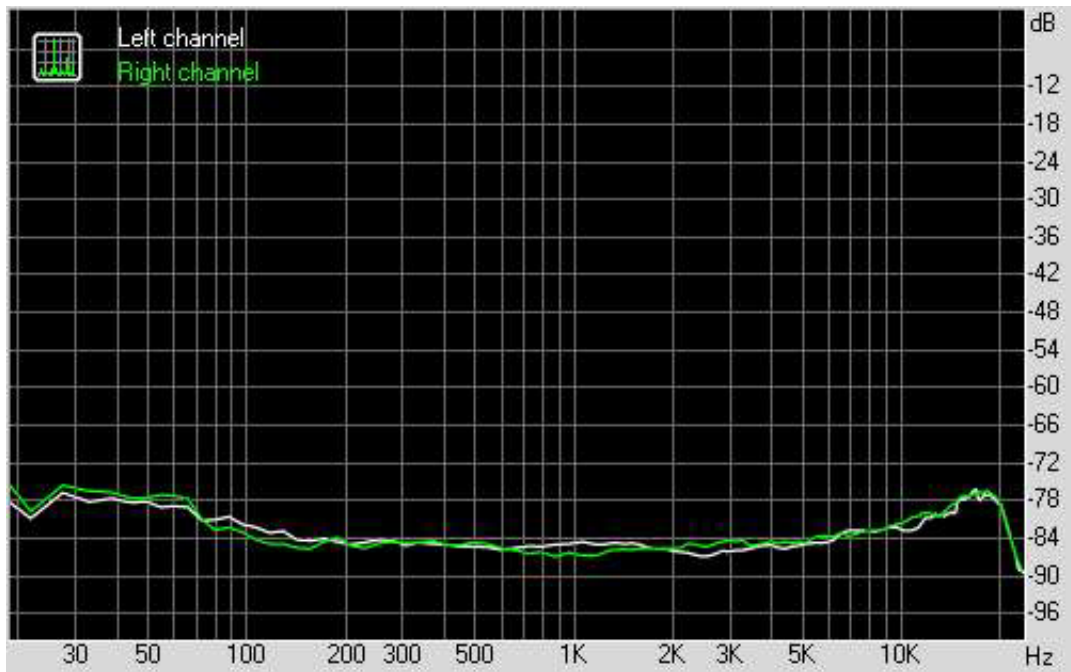
THD, %	+0.0052	+0.0062
THD + Noise, %	+0.0146	+0.0149
THD + Noise (A-weighted), %	+0.0134	+0.0141

Intermodulation distortion



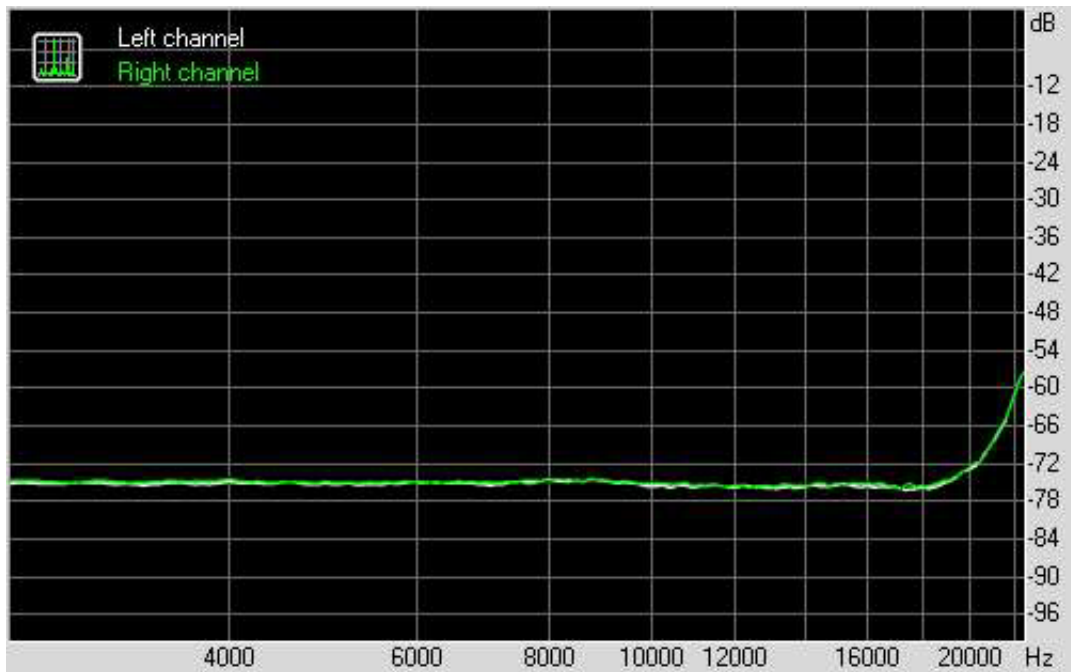
	Left	Right
IMD + Noise, %	+0.0292	+0.0267
IMD + Noise (A-weighted), %	+0.0155	+0.0152

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-81	-82
Crosstalk at 1000 Hz, dB	-84	-85
Crosstalk at 10000 Hz, dB	-82	-81

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.0172	0.0178
IMD + Noise at 10000 Hz,	0.0164	0.0174
IMD + Noise at 15000 Hz,	0.0170	0.0173

