

RightMark Audio Analyzer test report

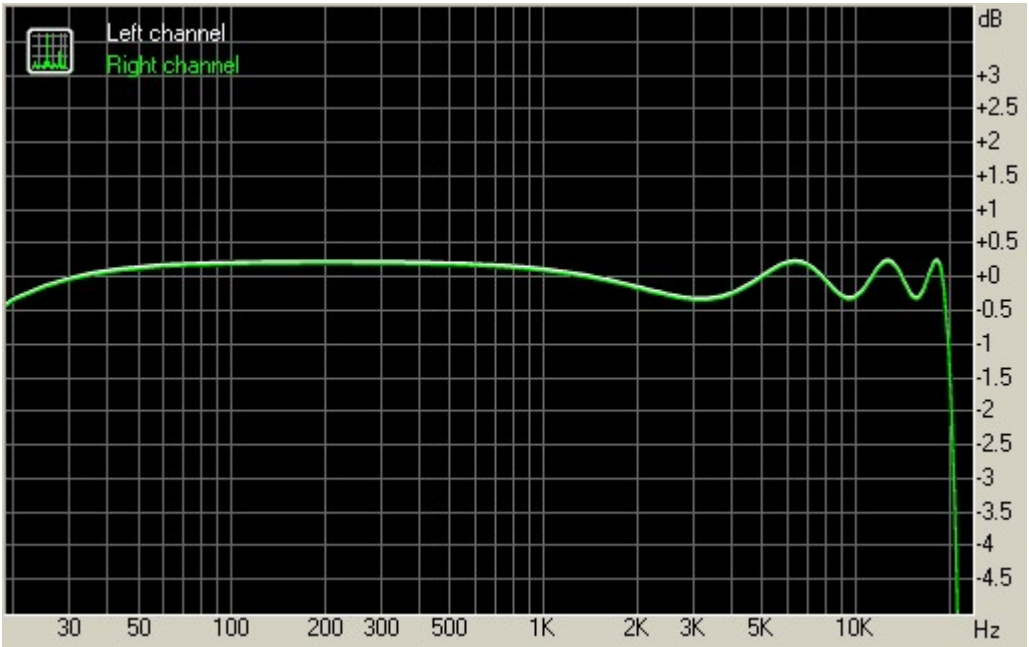
Testing device	Wave mapper Realtek
Sampling mode	24-bit, 48 kHz
Interface	MME
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.2.3

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-0.5 dB / -0.6 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	inverted/inverted

Summary

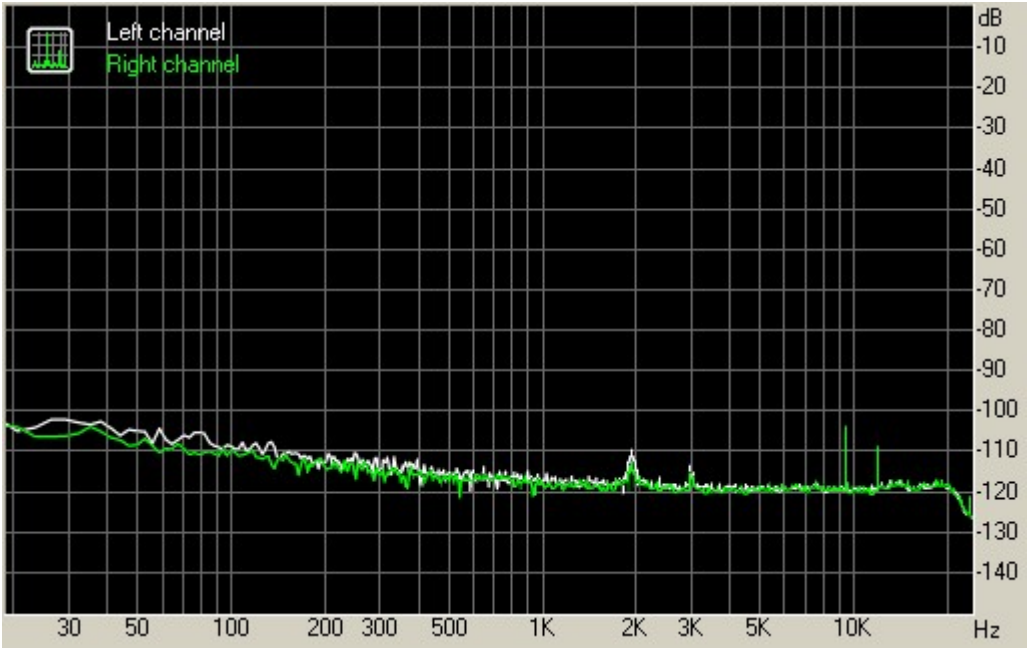
Frequency response (from 40 Hz to 15 kHz), dB	+0.26, -0.31	Good
Noise level, dB (A)	-86.0	Good
Dynamic range, dB (A)	85.5	Good
THD, %	0.0077	Very good
THD + Noise, dB (A)	-77.5	Average
IMD + Noise, %	0.017	Very good
Stereo crosstalk, dB	-82.3	Very good
IMD at 10 kHz, %	0.018	Very good
General performance		Very good

Frequency response



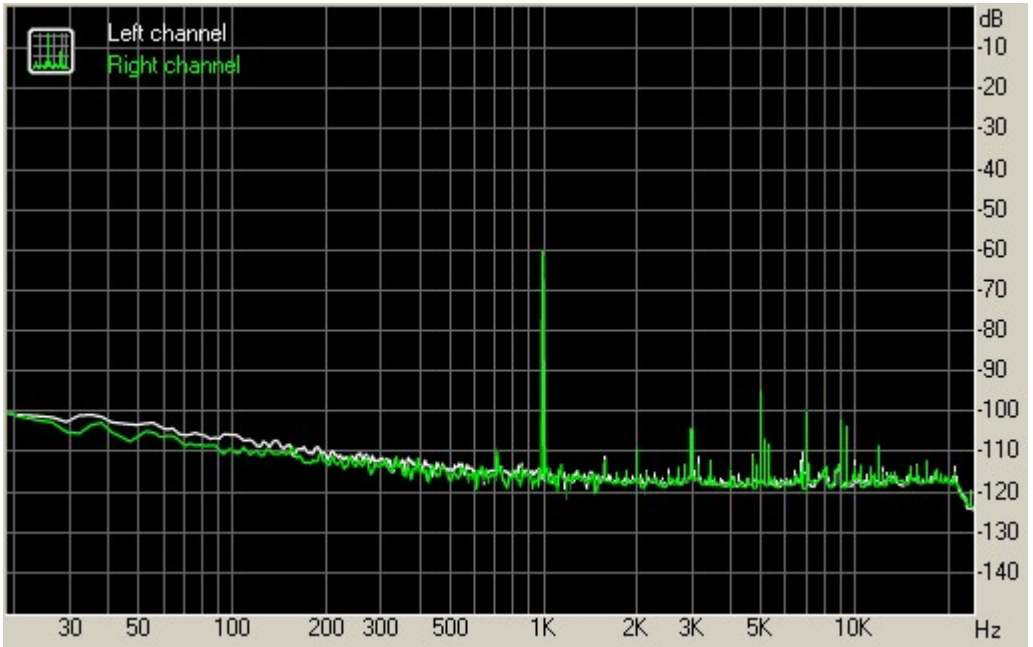
From 20 Hz to 20 kHz, dB	-1.04, +0.26
From 40 Hz to 15 kHz, dB	-0.31, +0.26

Noise level



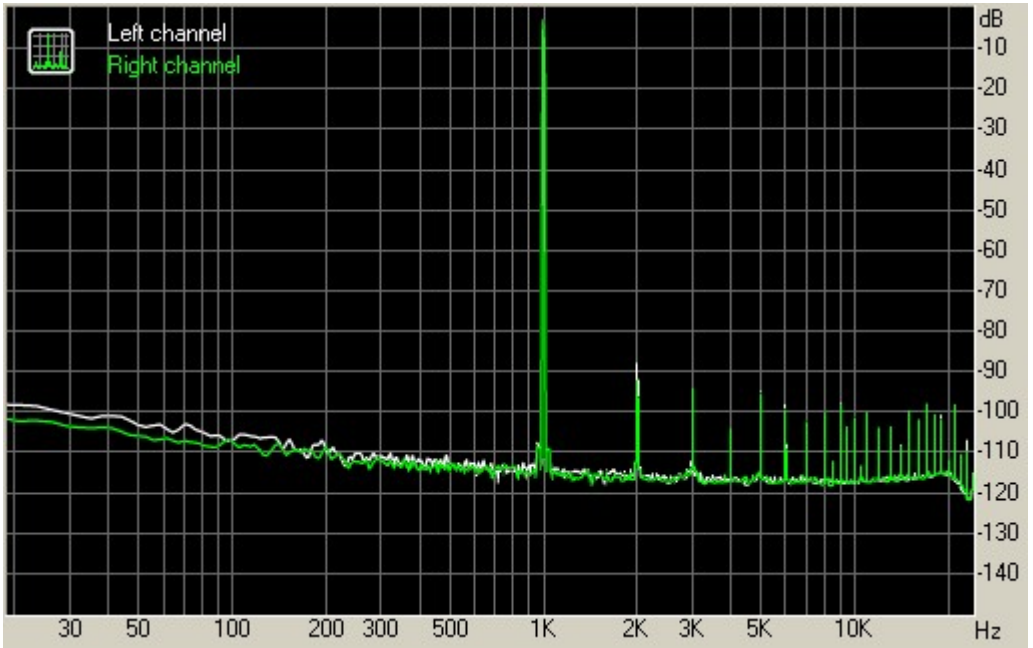
	Left	Right
RMS power, dB	-84.3	-84.9
RMS power (A-weighted), dB	-85.7	-86.3
Peak level, dB FS	-68.8	-70.0
DC offset, %	-0.0	-0.0

Dynamic range



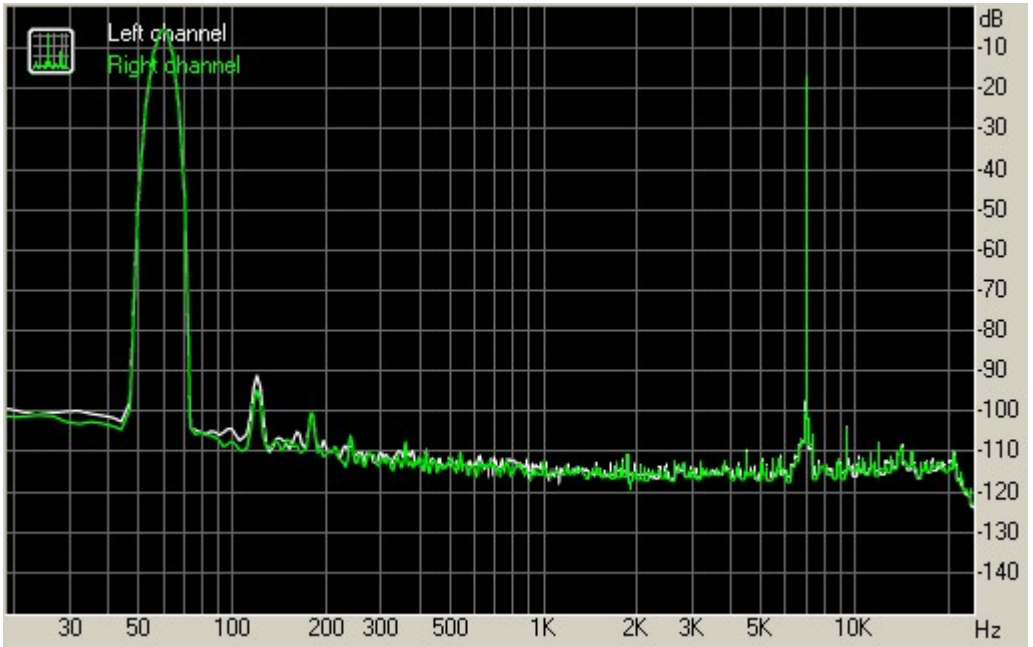
	Left	Right
Dynamic range, dB	+84.1	+84.6
Dynamic range (A-weighted), dB	+85.4	+85.6
DC offset, %	-0.00	+0.00

THD + Noise (at -3 dB FS)



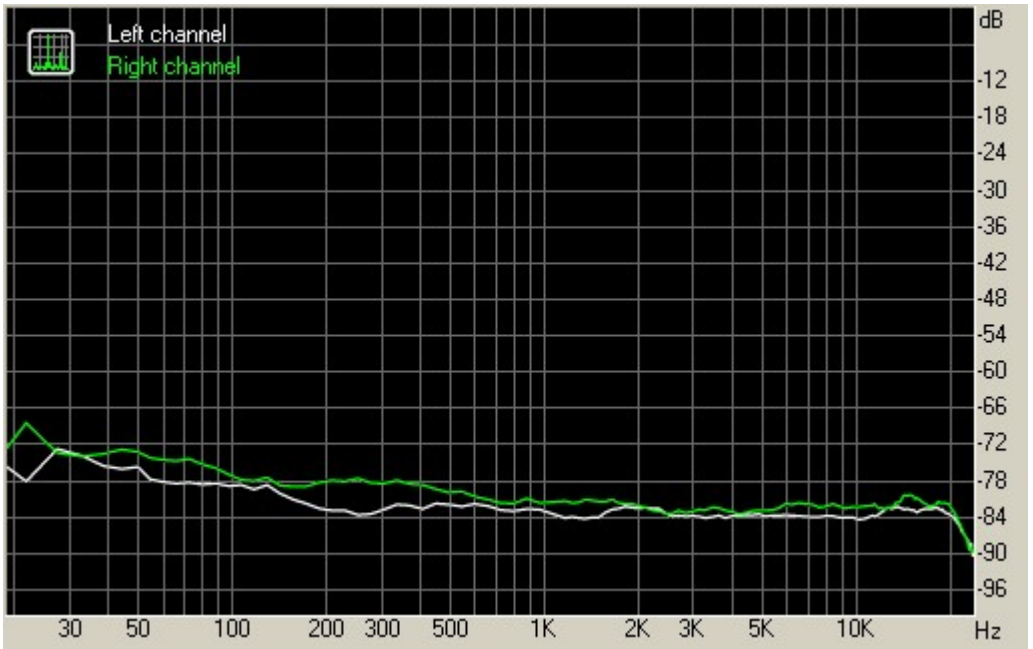
	Left	Right
THD, %	+0.0083	+0.0070
THD + Noise, %	+0.0151	+0.0140
THD + Noise (A-weighted), %	+0.0141	+0.0126

Intermodulation distortion



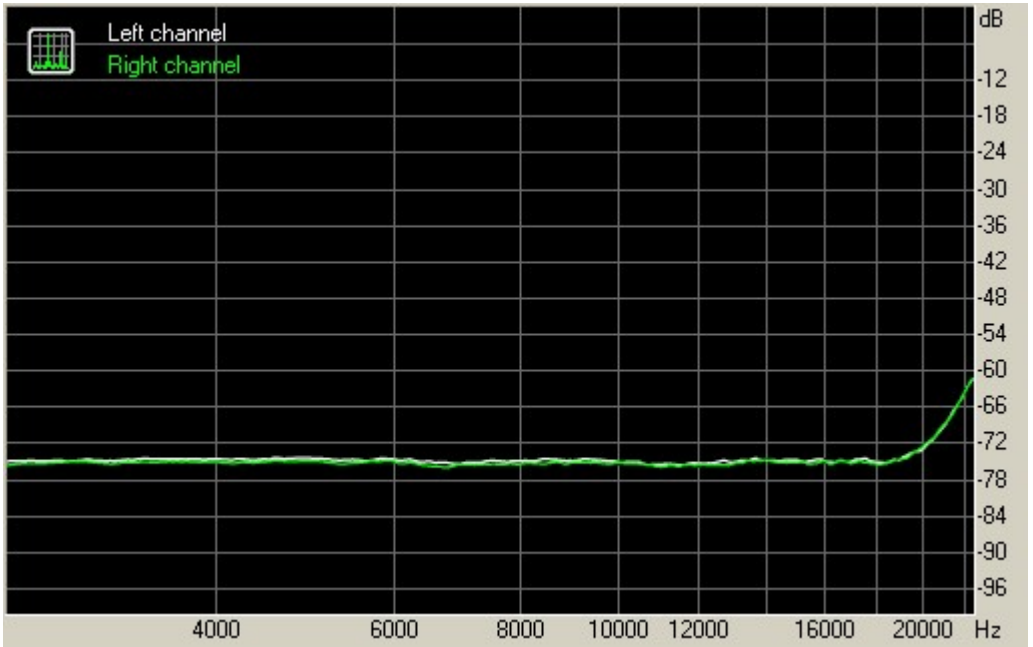
	Left	Right
IMD + Noise, %	+0.0172	+0.0164
IMD + Noise (A-weighted), %	+0.0140	+0.0136

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-78	-76
Crosstalk at 1000 Hz, dB	-82	-81
Crosstalk at 10000 Hz, dB	-83	-81

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.0189	0.0180
IMD + Noise at 10000 Hz,	0.0177	0.0173
IMD + Noise at 15000 Hz,	0.0184	0.0176