

RightMark Audio Analyzer test report

Testing device	Line Out (Scarlett 2i2 USB)
Sampling mode	24-bit, 44 kHz
Interface	DirectSound
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.2.5

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	0.8 dB / 0.8 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	inverted/inverted

Summary

Frequency response (from 40 Hz to 15 kHz), dB	+0.03, -0.01	Excellent
Noise level, dB (A)	-95.7	Excellent
Dynamic range, dB (A)	95.5	Excellent
THD, %	0.0012	Excellent
THD + Noise, dB (A)	-88.2	Good
IMD + Noise, %	0.0048	Excellent
Stereo crosstalk, dB	-91.8	Excellent

IMD at 10 kHz, %

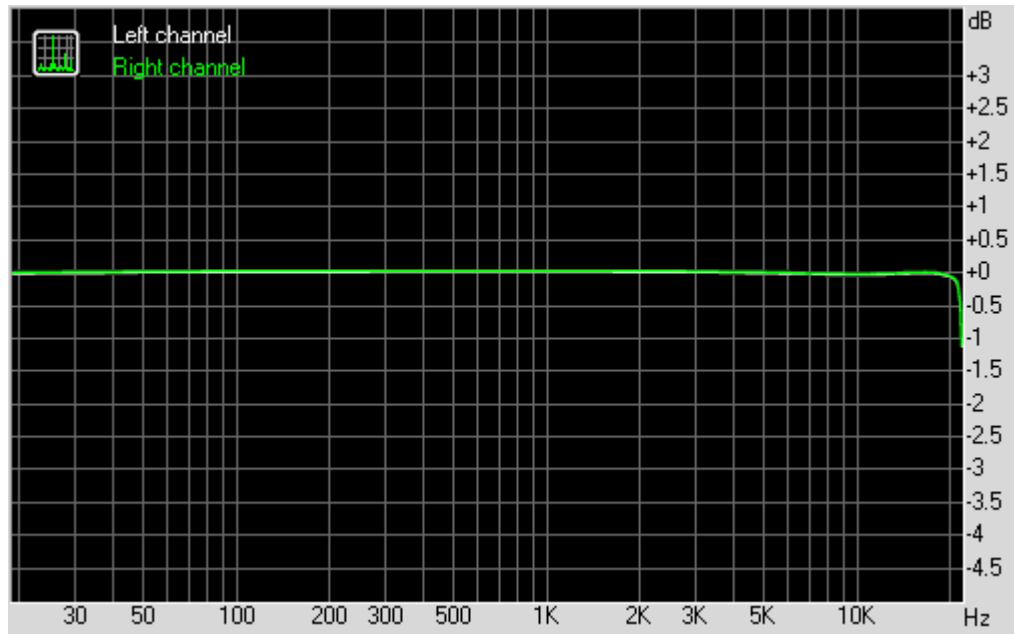
0.0050

Excellent

General performance

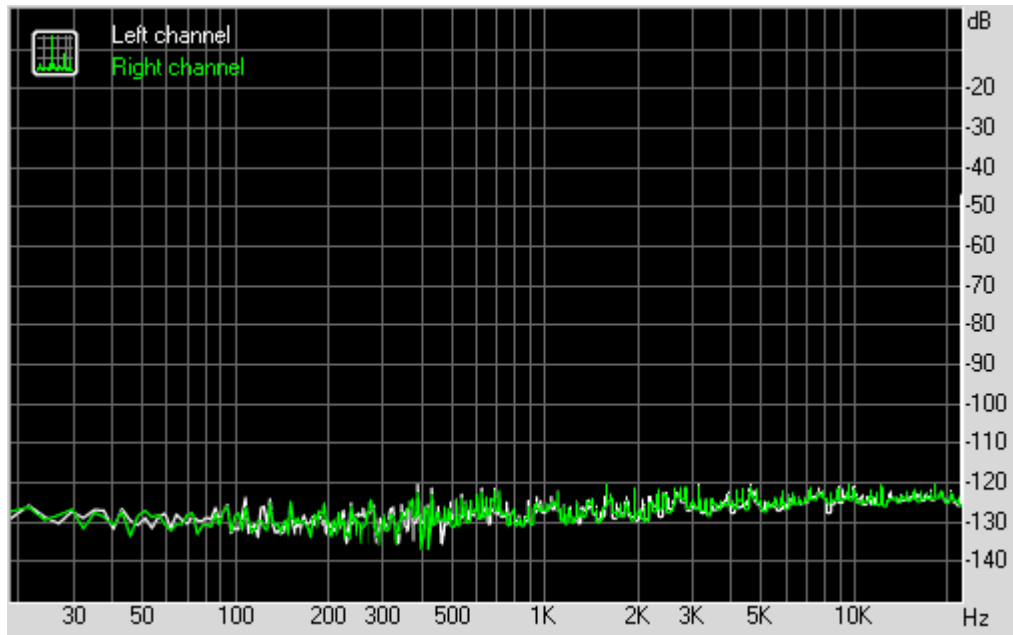
Excellent

Frequency response



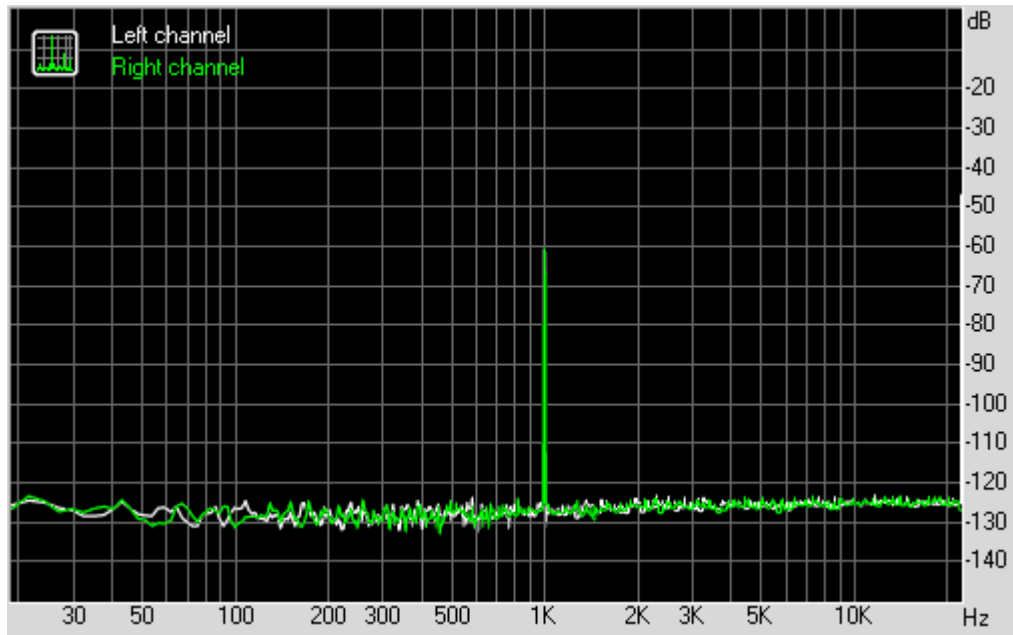
	Left	Right
From 20 Hz to 20 kHz, dB	-0.06, +0.01	-0.04, +0.03
From 40 Hz to 15 kHz, dB	-0.03, +0.01	-0.01, +0.03

Noise level



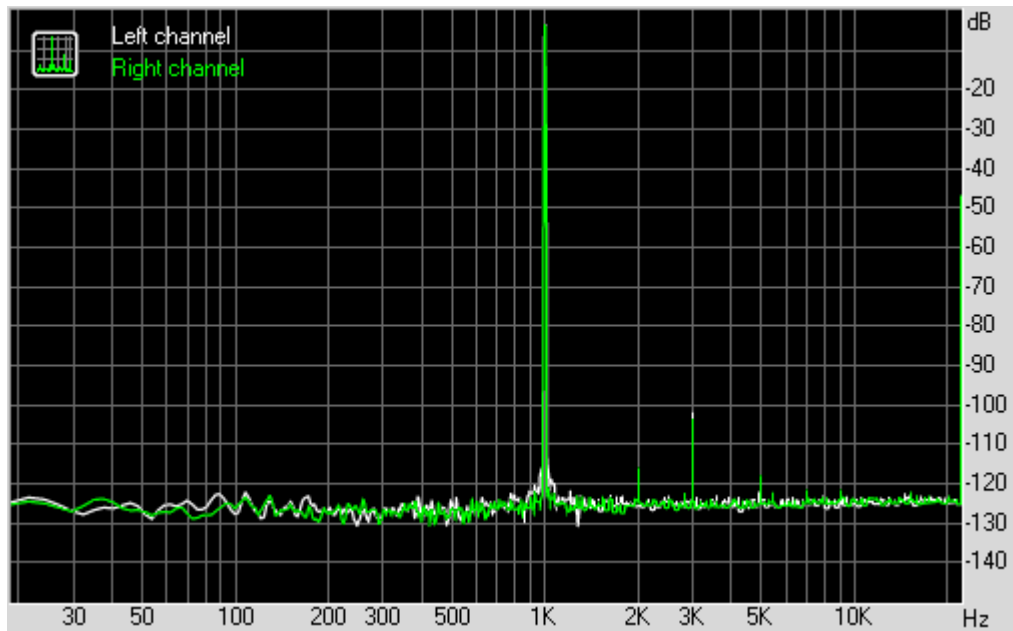
	Left	Right
RMS power, dB	-94.7	-94.7
RMS power (A-weighted), dB	-95.7	-95.7
Peak level, dB FS	-79.3	-79.3
DC offset, %	+0.0	+0.0

Dynamic range



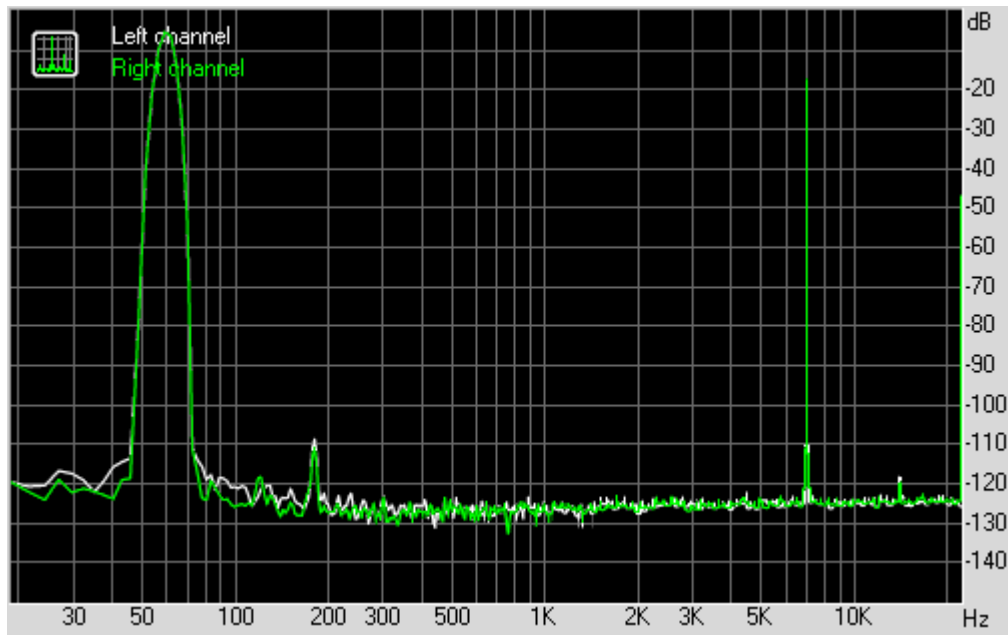
	Left	Right
Dynamic range, dB	+94.5	+94.4
Dynamic range (A-weighted), dB	+95.5	+95.5
DC offset, %	-0.00	-0.00

THD + Noise (at -3 dB FS)



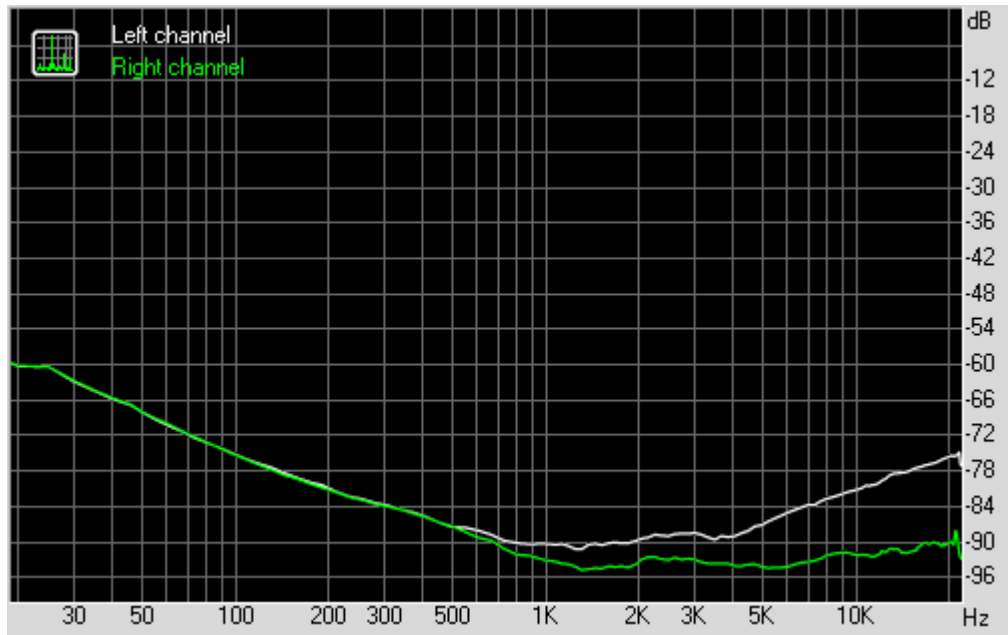
	Left	Right
THD, %	+0.0013	+0.0011
THD + Noise, %	+0.0042	+0.0040
THD + Noise (A-weighted), %	+0.0041	+0.0037

Intermodulation distortion



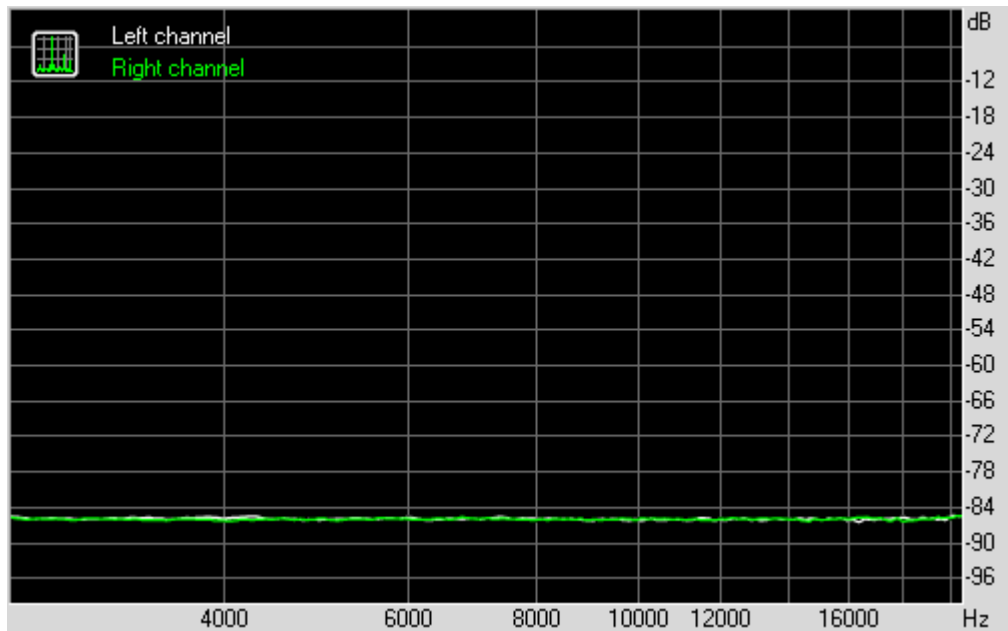
	Left	Right
IMD + Noise, %	+0.0049	+0.0048
IMD + Noise (A-weighted), %	+0.0042	+0.0042

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-74	-74
Crosstalk at 1000 Hz, dB	-89	-92
Crosstalk at 10000 Hz, dB	-80	-91

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.0050	0.0050
IMD + Noise at 10000 Hz,	0.0049	0.0050
IMD + Noise at 15000 Hz,	0.0049	0.0050