

RightMark Audio Analyzer test report

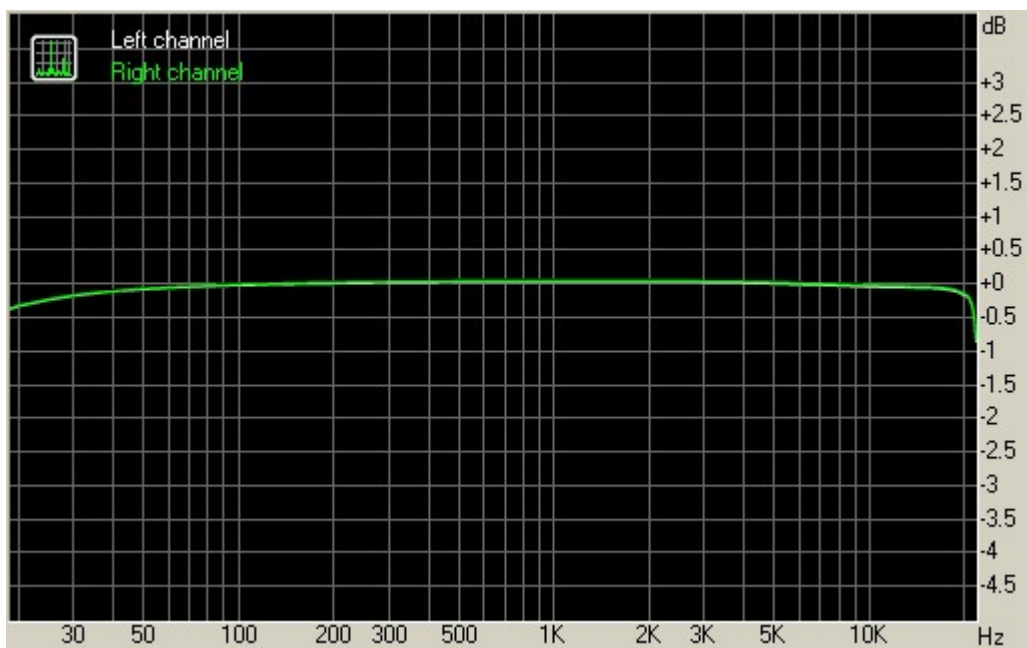
Testing device	Scarlett 2i4 USB Mic
Sampling mode	16-bit, 44 kHz
Interface	
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.2.3

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	0.4 dB / 0.4 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	inverted/inverted

Summary

Frequency response (from 40 Hz to 15 kHz), dB	+0.03, -0.11	Excellent
Noise level, dB (A)	-95.8	Excellent
Dynamic range, dB (A)	95.6	Excellent
THD, %	0.0011	Excellent
THD + Noise, dB (A)	-88.9	Good
IMD + Noise, %	0.0048	Excellent
Stereo crosstalk, dB	-81.0	Very good
IMD at 10 kHz, %	0.0058	Excellent
General performance		Very good

Frequency response



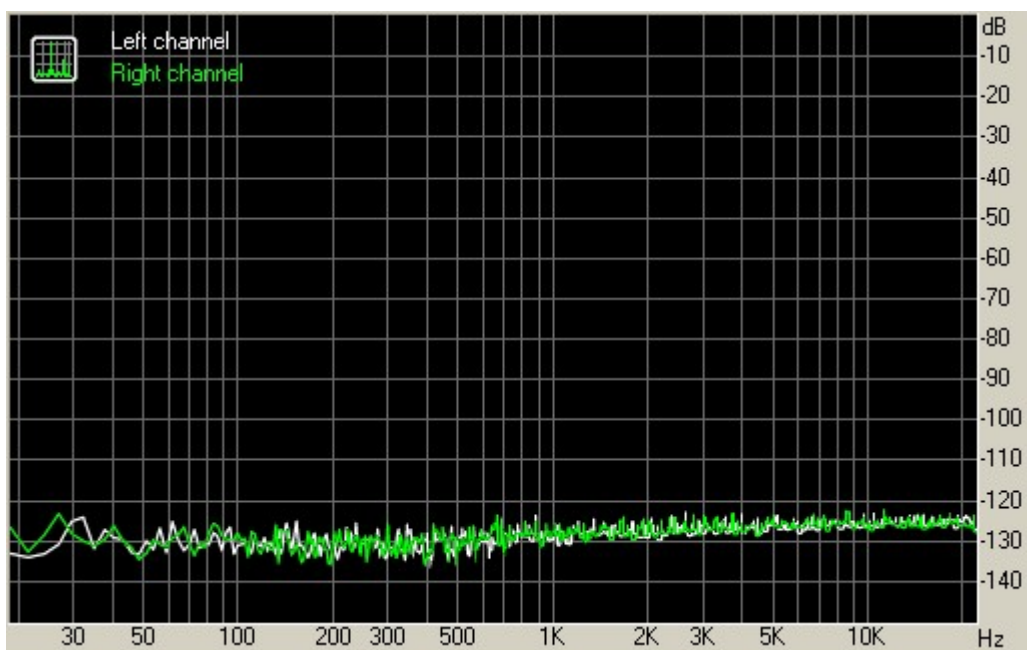
From 20 Hz to 20 kHz, dB

-0.33, +0.03

From 40 Hz to 15 kHz, dB

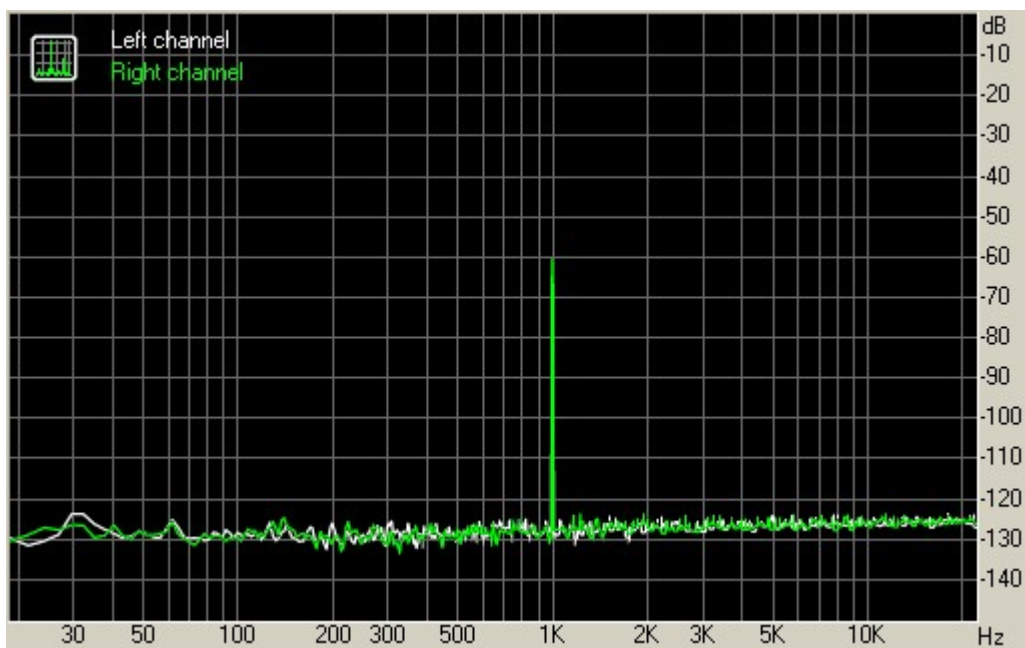
-0.11, +0.03

Noise level



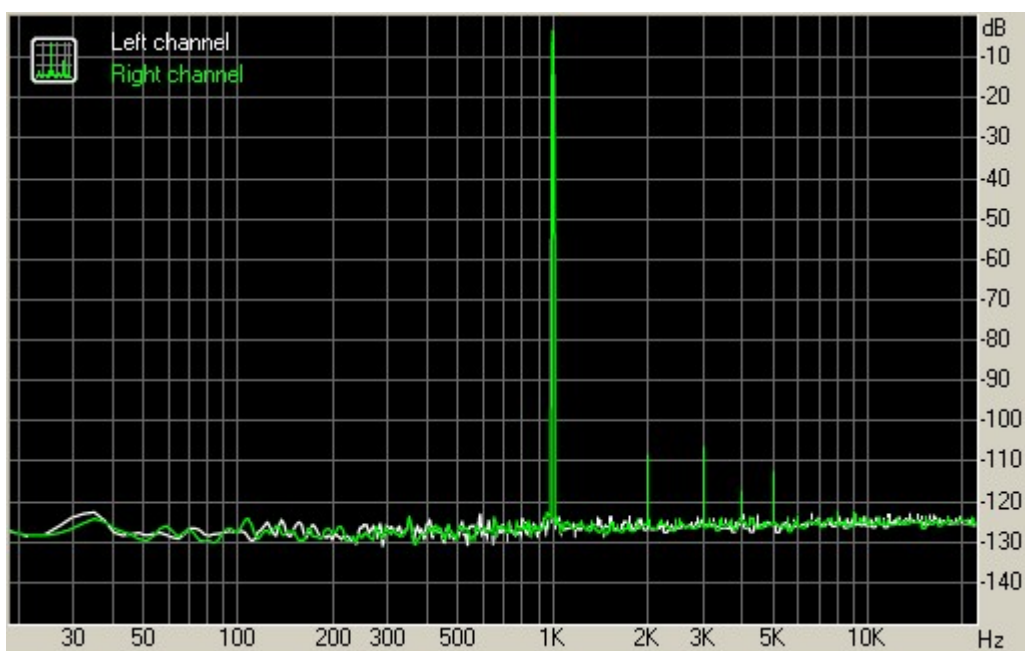
	Left	Right
RMS power, dB	-94.8	-94.8
RMS power (A-weighted), dB	-95.8	-95.7
Peak level, dB FS	-81.8	-81.8
DC offset, %	-0.0	-0.0

Dynamic range



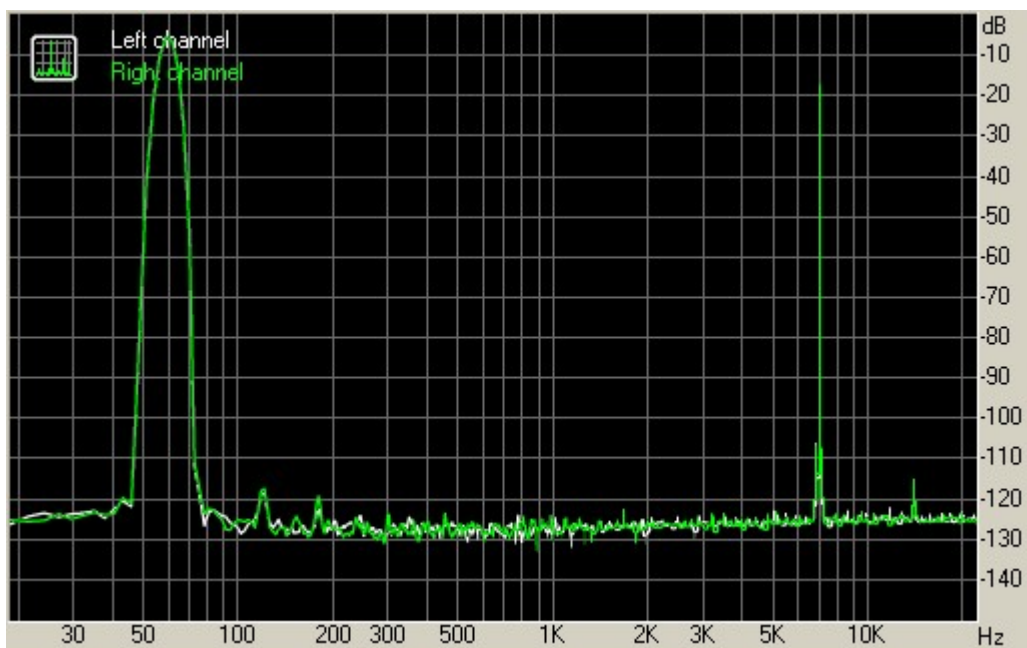
	Left	Right
Dynamic range, dB	+94.6	+94.7
Dynamic range (A-weighted), dB	+95.6	+95.7
DC offset, %	-0.00	-0.00

THD + Noise (at -3 dB FS)



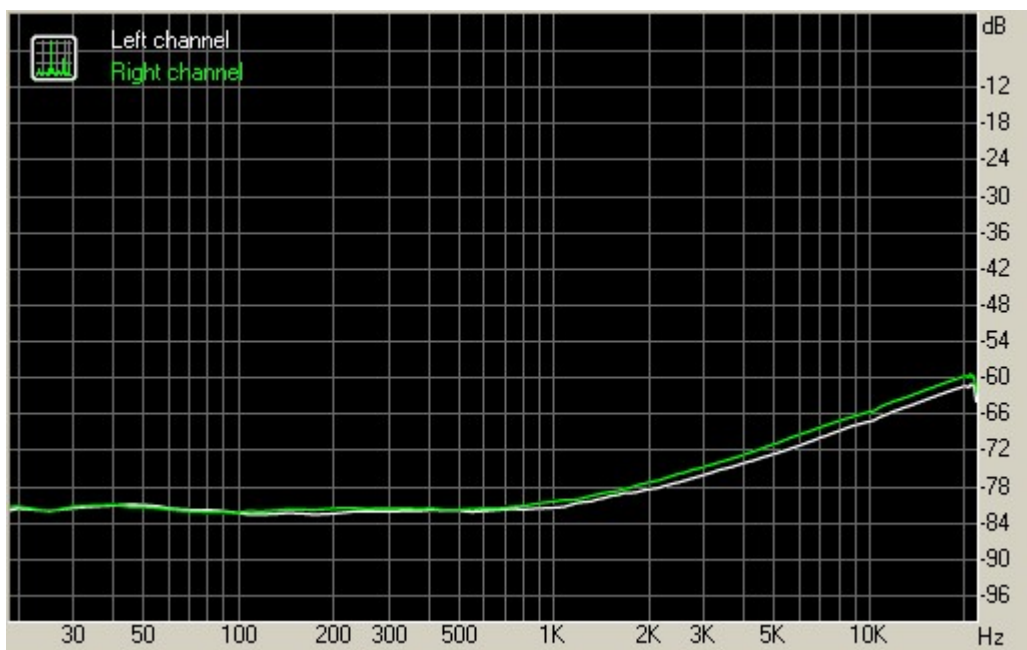
	Left	Right
THD, %	+0.0011	+0.0011
THD + Noise, %	+0.0039	+0.0039
THD + Noise (A-weighted), %	+0.0036	+0.0036

Intermodulation distortion



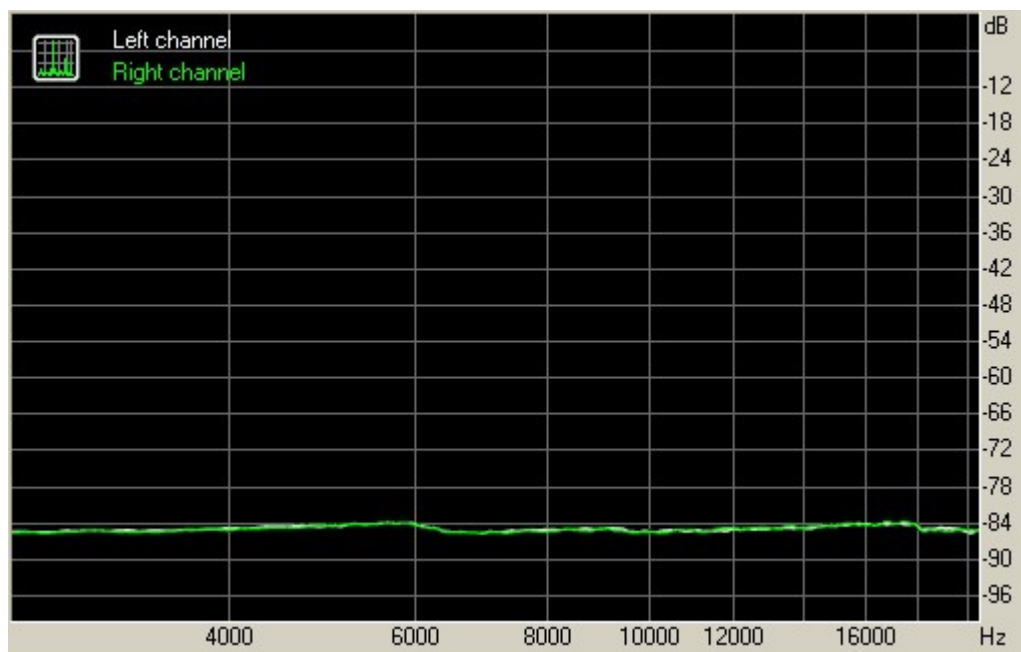
	Left	Right
IMD + Noise, %	+0.0048	+0.0048
IMD + Noise (A-weighted), %	+0.0043	+0.0042

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-81	-81
Crosstalk at 1000 Hz, dB	-80	-79
Crosstalk at 10000 Hz, dB	-66	-65

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.0060	0.0059
IMD + Noise at 10000 Hz,	0.0054	0.0053
IMD + Noise at 15000 Hz,	0.0060	0.0059