

RightMark Audio Analyzer test report

Testing device	Focusrite USB 2.0 Audio Driver
Sampling mode	24-bit, 44 kHz
Interface	ASIO
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.3.0

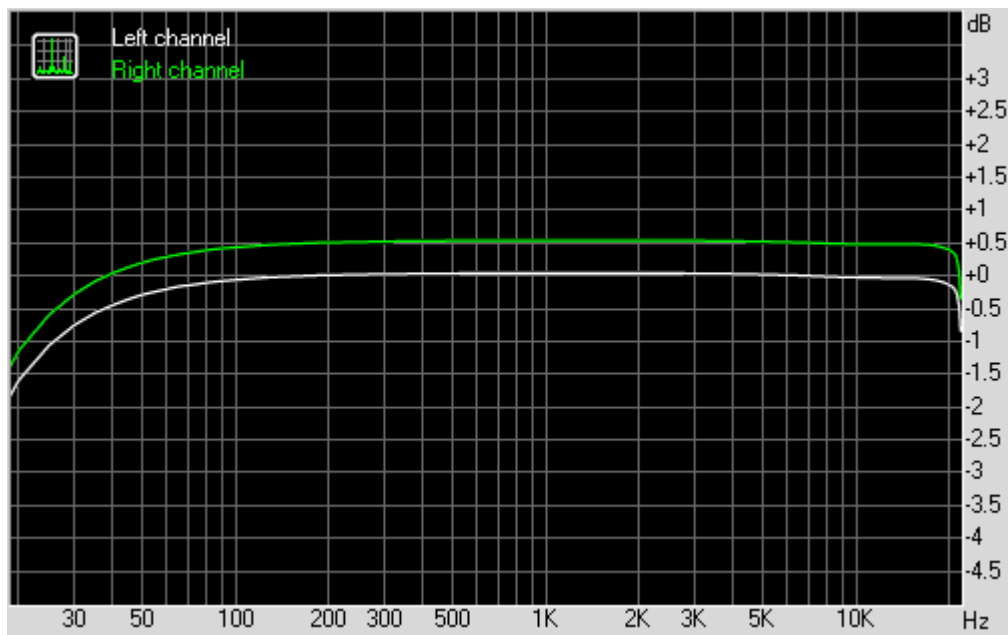
20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-0.6 dB / -0.1 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	inverted/inverted

Summary

Frequency response (from 40 Hz to 15 kHz), dB	+0.54, +0.03	Good
Noise level, dB (A)	-94.3	Very good
Dynamic range, dB (A)	93.1	Very good
THD, %	0.0099	Very good

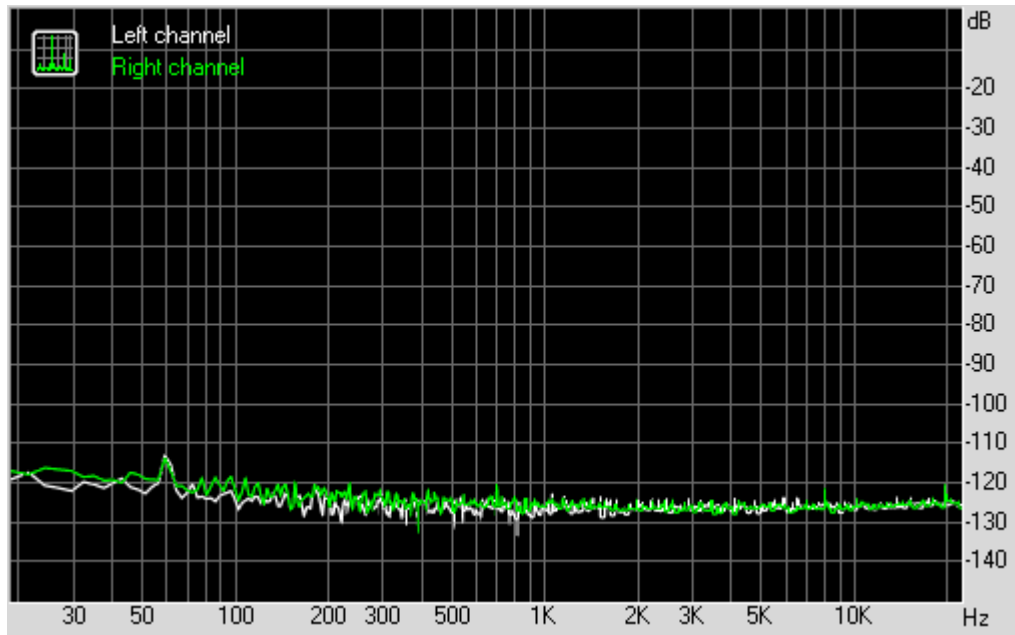
THD + Noise, dB (A)	-77.1	Average
IMD + Noise, %	0.012	Very good
Stereo crosstalk, dB	-68.7	Good
IMD at 10 kHz, %	0.011	Very good
General performance		Very good

Frequency response



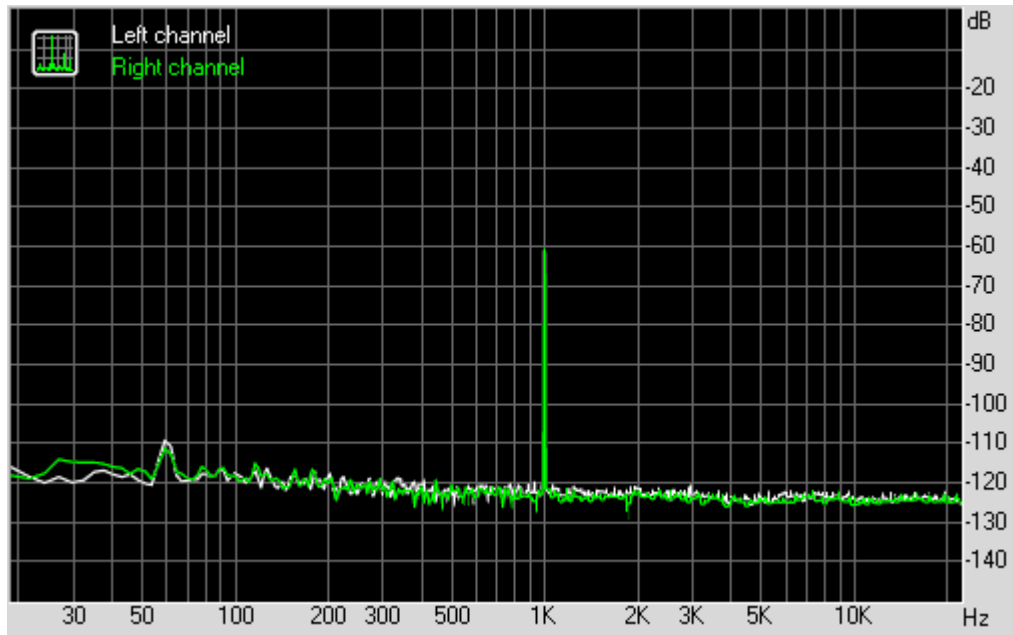
	Left	Right
From 20 Hz to 20 kHz, dB	-1.60, +0.04	-1.14, +0.54
From 40 Hz to 15 kHz, dB	-0.45, +0.04	+0.03, +0.54

Noise level



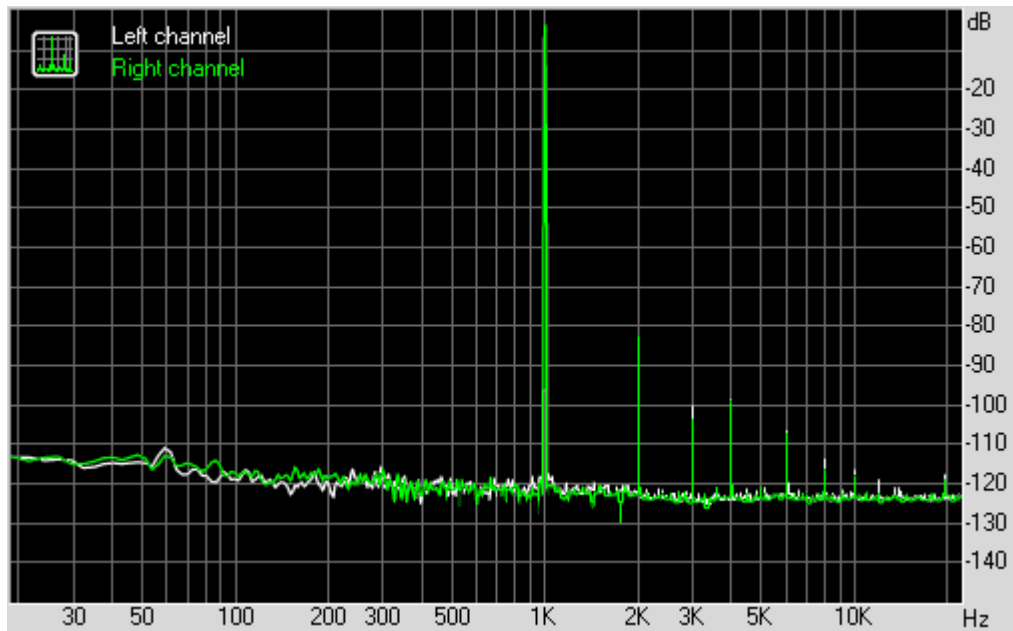
	Left	Right
RMS power, dB	-93.2	-93.0
RMS power (A-weighted), dB	-94.4	-94.2
Peak level, dB FS	-73.5	-75.2
DC offset, %	+0.0	+0.0

Dynamic range



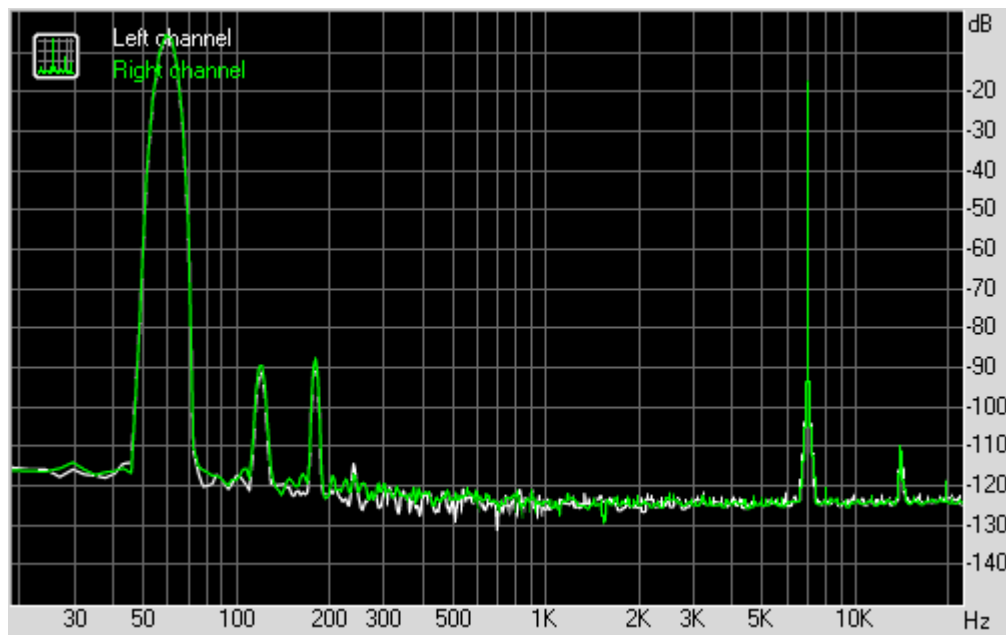
	Left	Right
Dynamic range, dB	+91.9	+92.3
Dynamic range (A-weighted), dB	+92.8	+93.4
DC offset, %	+0.00	+0.00

THD + Noise (at -3 dB FS)



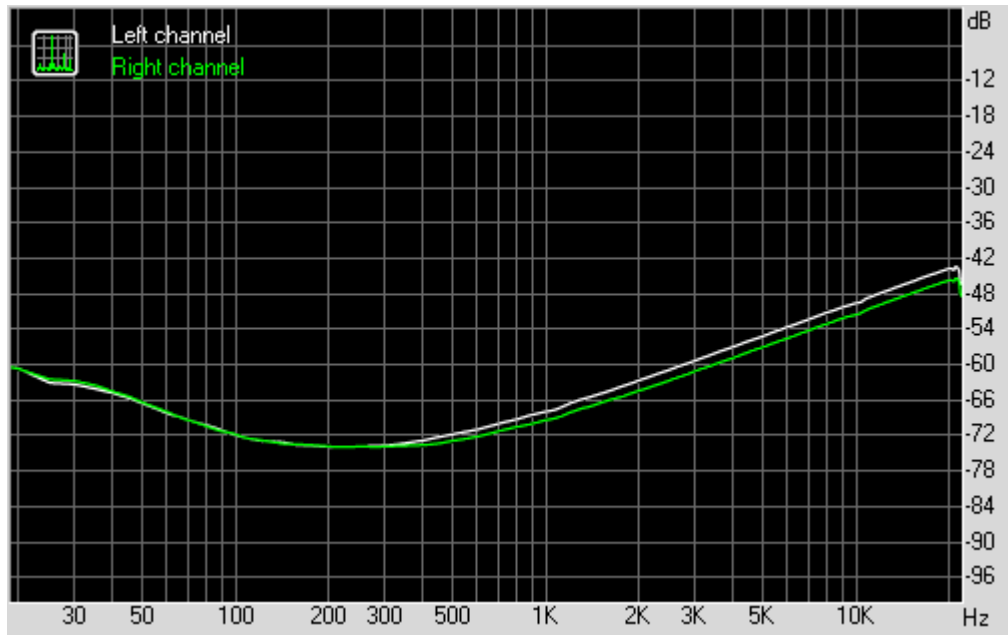
	Left	Right
THD, %	+0.0091	+0.0108
THD + Noise, %	+0.0110	+0.0120
THD + Noise (A-weighted), %	+0.0132	+0.0147

Intermodulation distortion



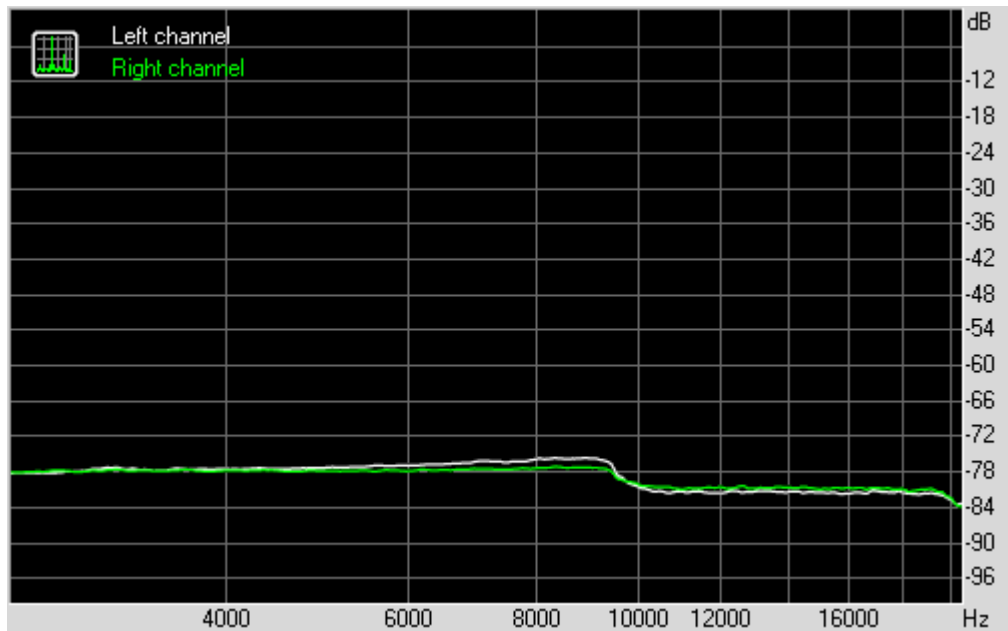
	Left	Right
IMD + Noise, %	+0.0119	+0.0126
IMD + Noise (A-weighted), %	+0.0080	+0.0079

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-71	-71
Crosstalk at 1000 Hz, dB	-67	-68
Crosstalk at 10000 Hz, dB	-49	-51

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.0137	0.0128
IMD + Noise at 10000 Hz,	0.0094	0.0099
IMD + Noise at 15000 Hz,	0.0084	0.0090