

RightMark Audio Analyzer test report

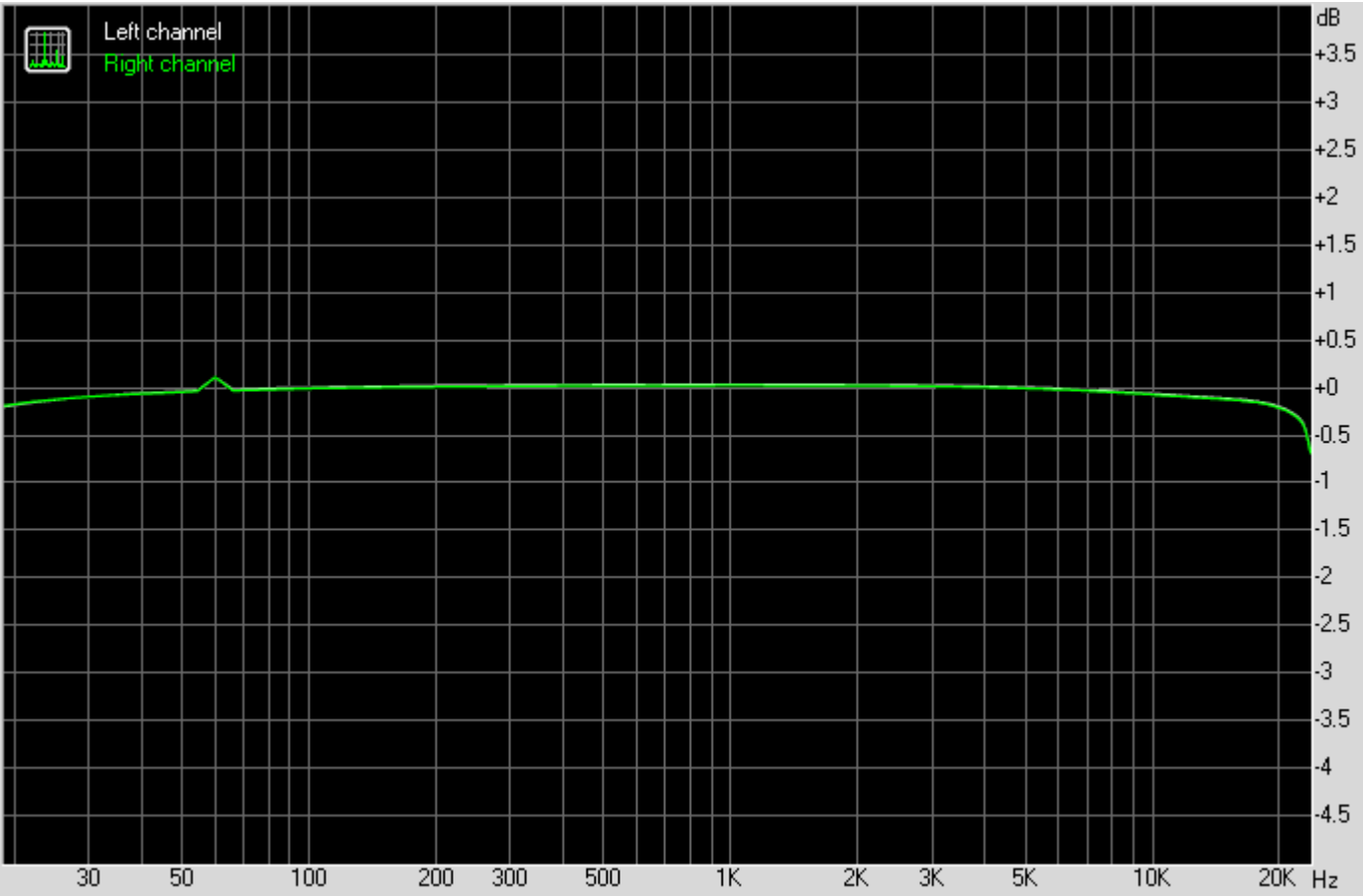
Testing device	[ASIO] Focusrite USB ASIO
Sampling mode	24-bit, 48 kHz
Interface	ASIO
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.5

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-2.1 dB / -2.1 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

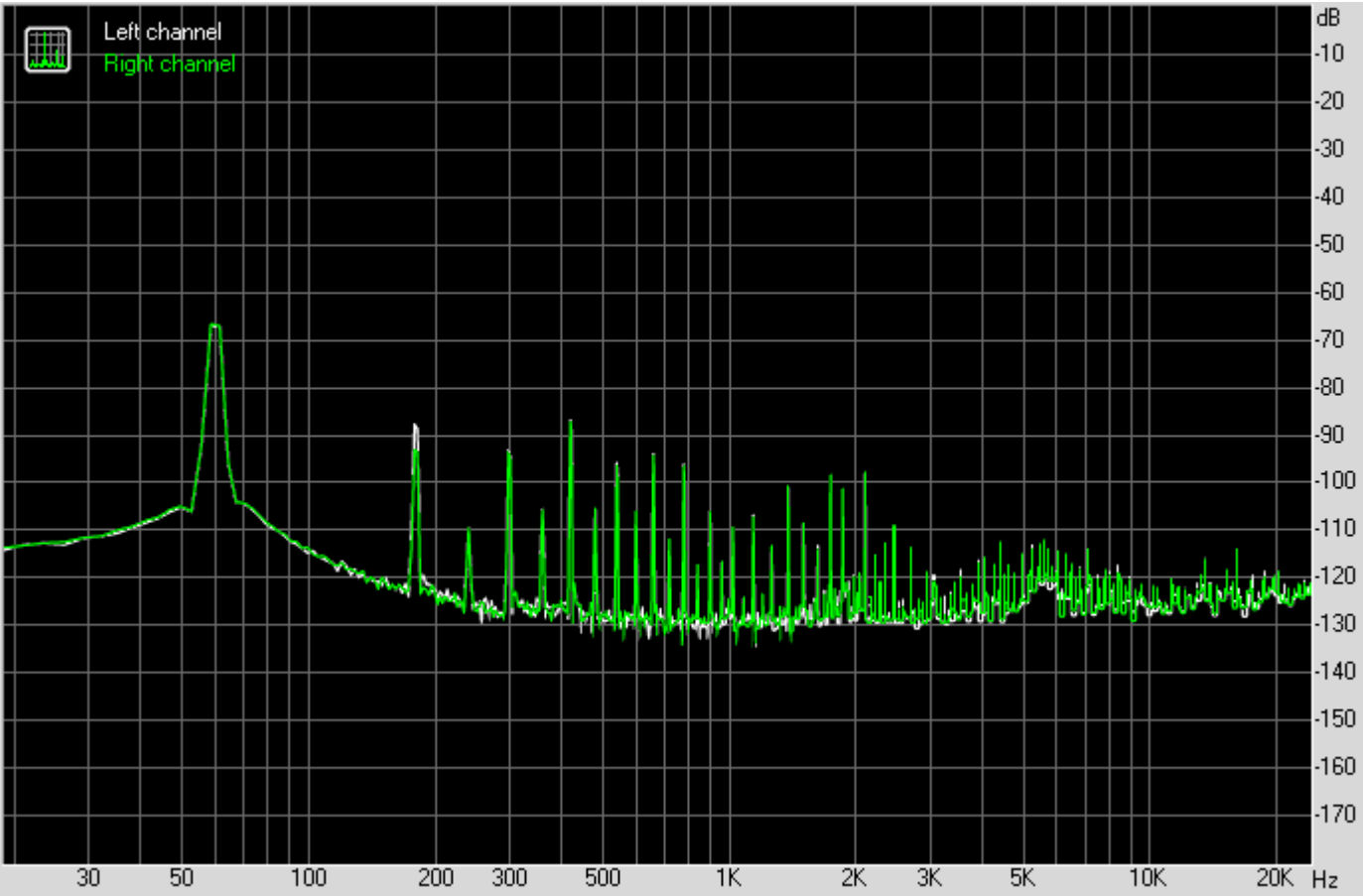
Frequency response (from 40 Hz to 15 kHz), dB	+0.11, -0.13	Very good
Noise level, dB (A)	-86.5	Good
Dynamic range, dB (A)	86.5	Good
THD, %	0.00128	Excellent
THD + Noise, dB (A)	-79.4	Average
IMD + Noise, %	0.016	Very good
Stereo crosstalk, dB	-71.8	Good
IMD at 10 kHz, %	0.00853	Very good
General performance		Good

Frequency response



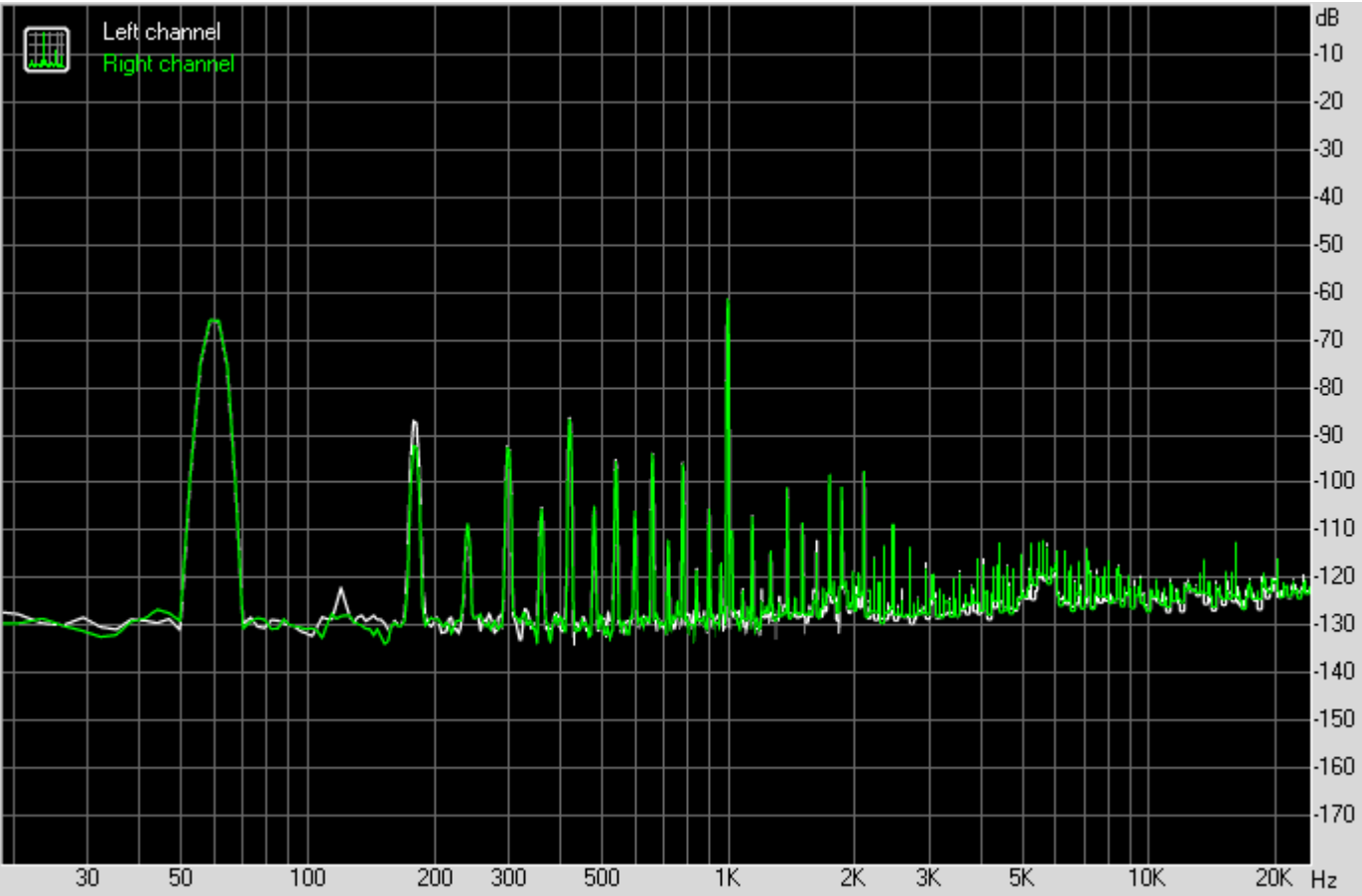
	Left	Right
From 20 Hz to 20 kHz, dB	-0.21, +0.11	-0.21, +0.11
From 40 Hz to 15 kHz, dB	-0.12, +0.11	-0.13, +0.11

Noise level



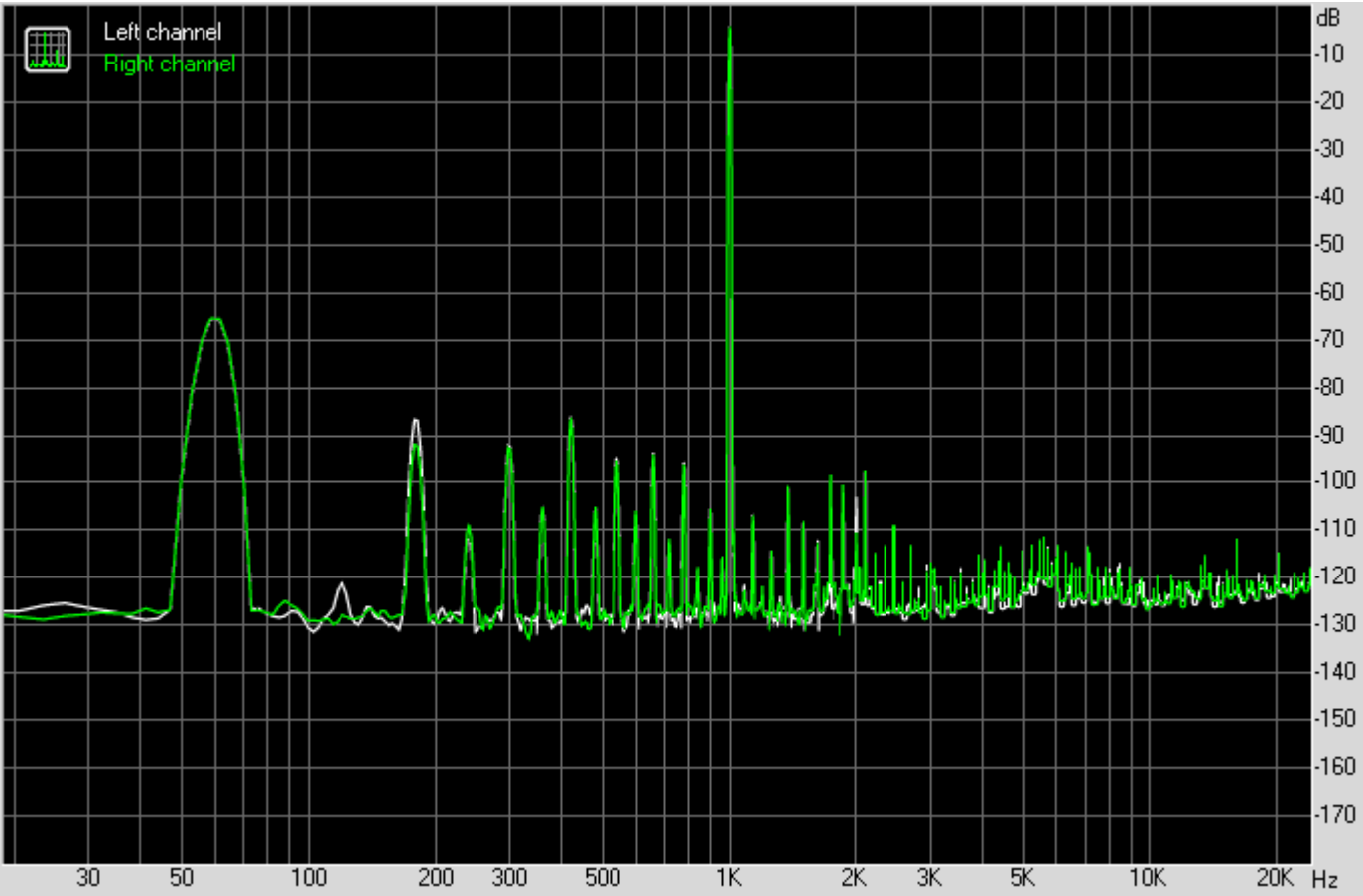
	Left	Right
RMS power, dB	-67.9	-67.7
RMS power (A-weighted), dB	-86.4	-86.6
Peak level, dB FS	-62.5	-62.3
DC offset, %	+0.0	+0.0

Dynamic range



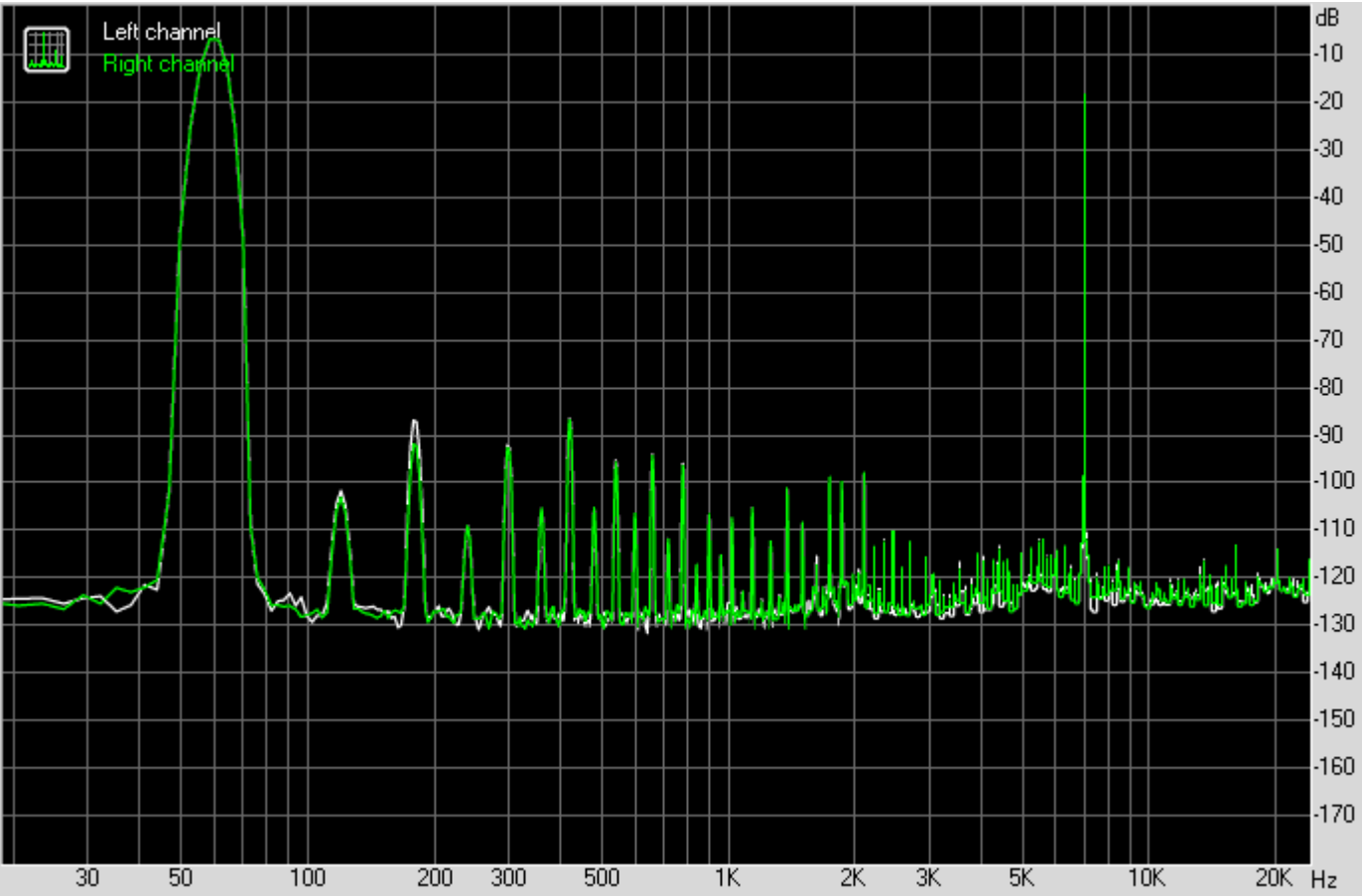
	Left	Right
Dynamic range, dB	+67.9	+67.7
Dynamic range (A-weighted), dB	+86.5	+86.6
DC offset, %	+0.00	+0.00

THD + Noise (at -3 dB FS)



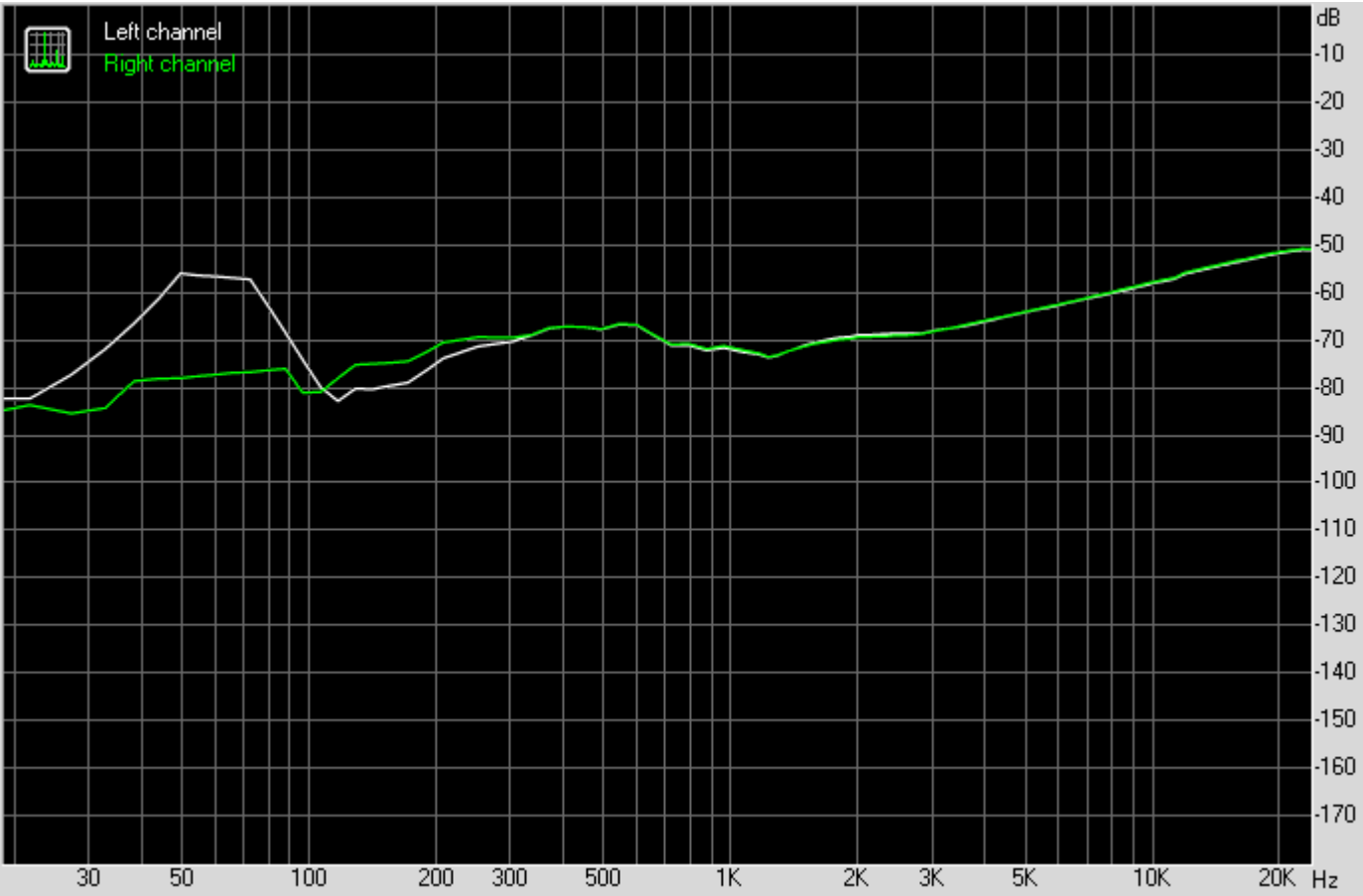
	Left	Right
THD, %	0.00145	0.00112
THD + Noise, %	0.09045	0.09263
THD + Noise (A-weighted), %	0.01080	0.01058

Intermodulation distortion



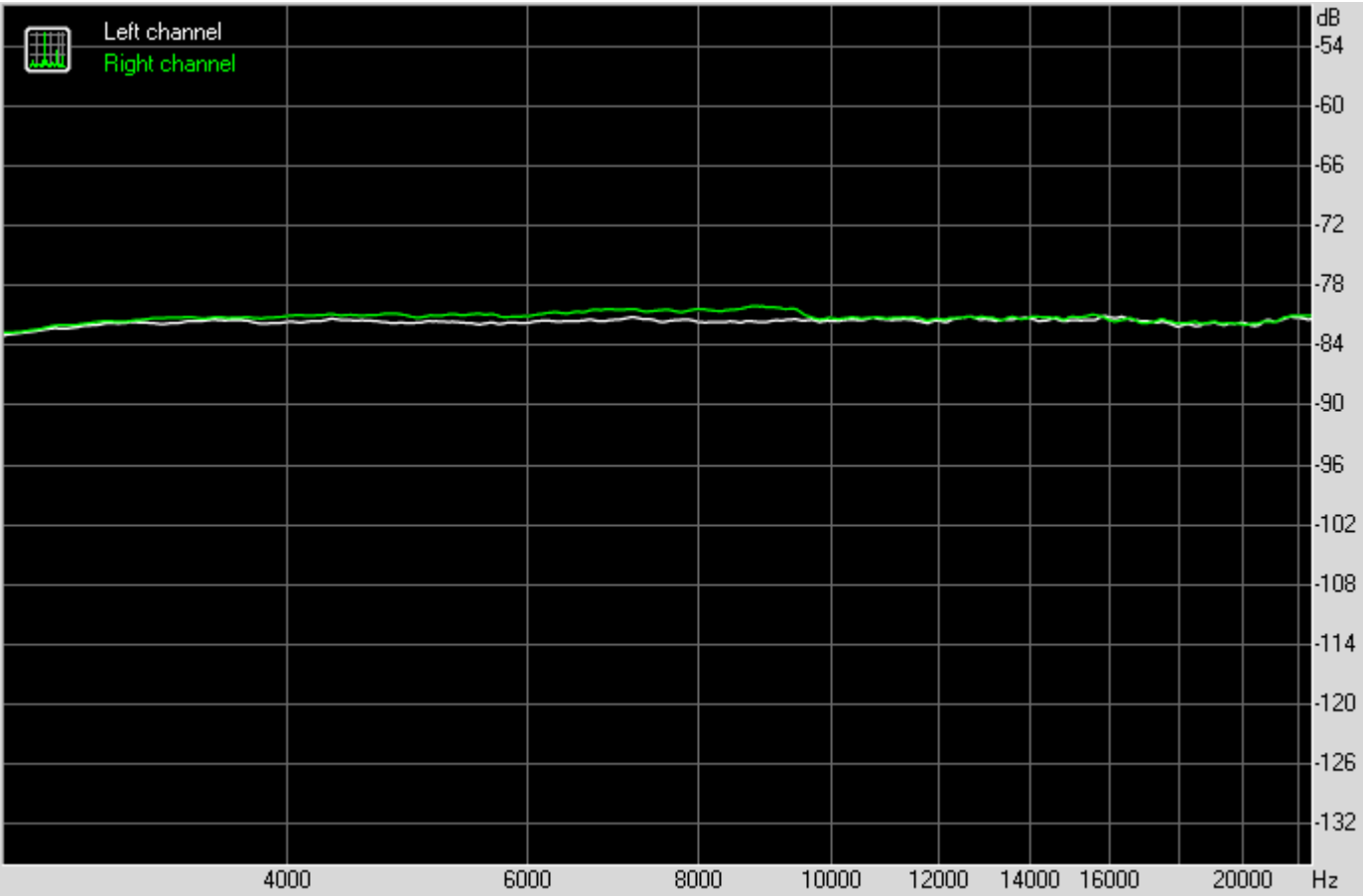
	Left	Right
IMD + Noise, %	0.01748	0.01542
IMD + Noise (A-weighted), %	0.01200	0.01178

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-75	-80
Crosstalk at 1000 Hz, dB	-71	-71
Crosstalk at 10000 Hz, dB	-57	-57

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.00820	0.00870
IMD + Noise at 10000 Hz,	0.00836	0.00867
IMD + Noise at 15000 Hz,	0.00844	0.00881