

RightMark Audio Analyzer test report

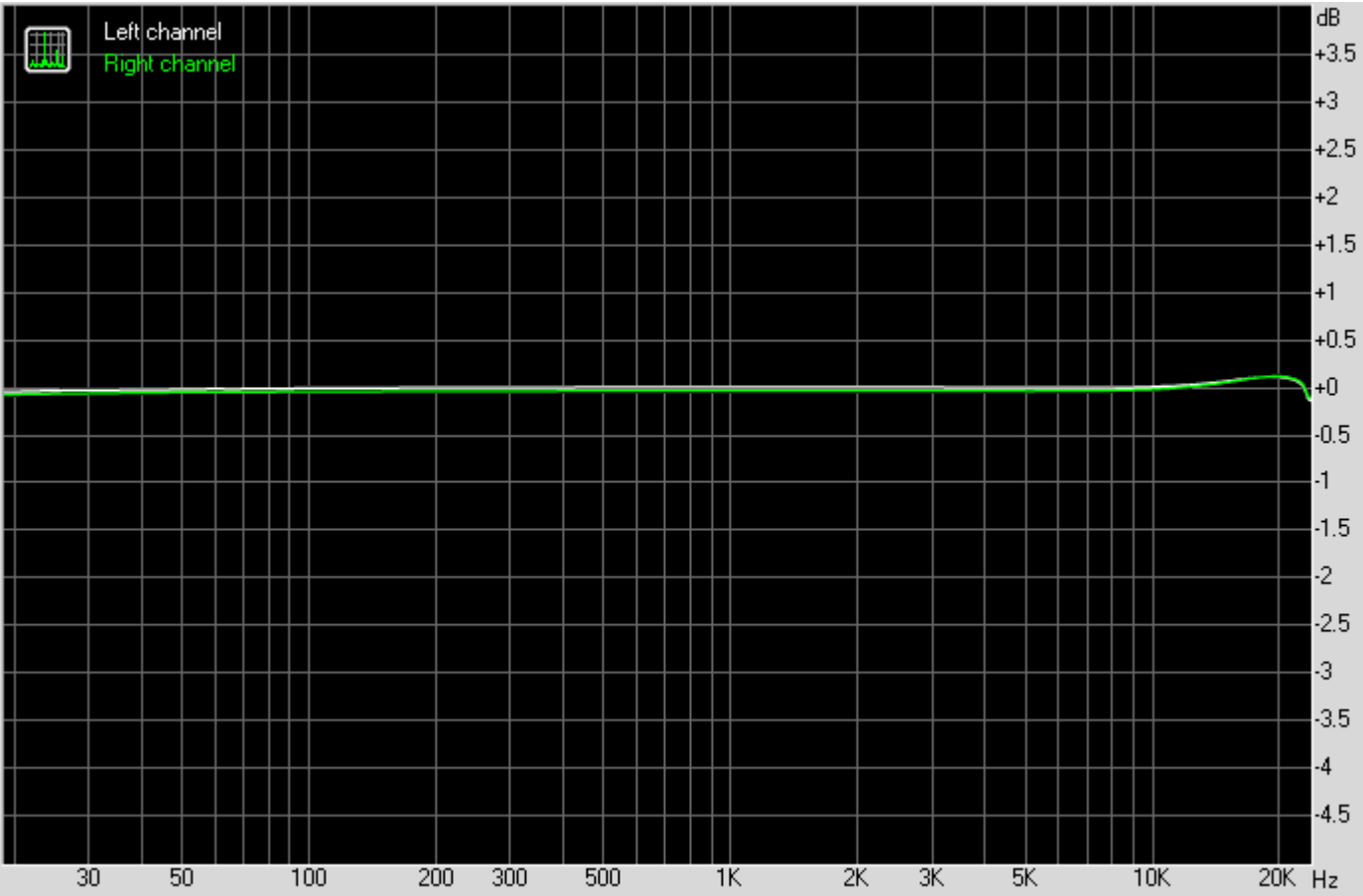
Testing device	[ASIO] Focusrite USB ASIO
Sampling mode	24-bit, 48 kHz
Interface	ASIO
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.5

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-7.0 dB / -7.1 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

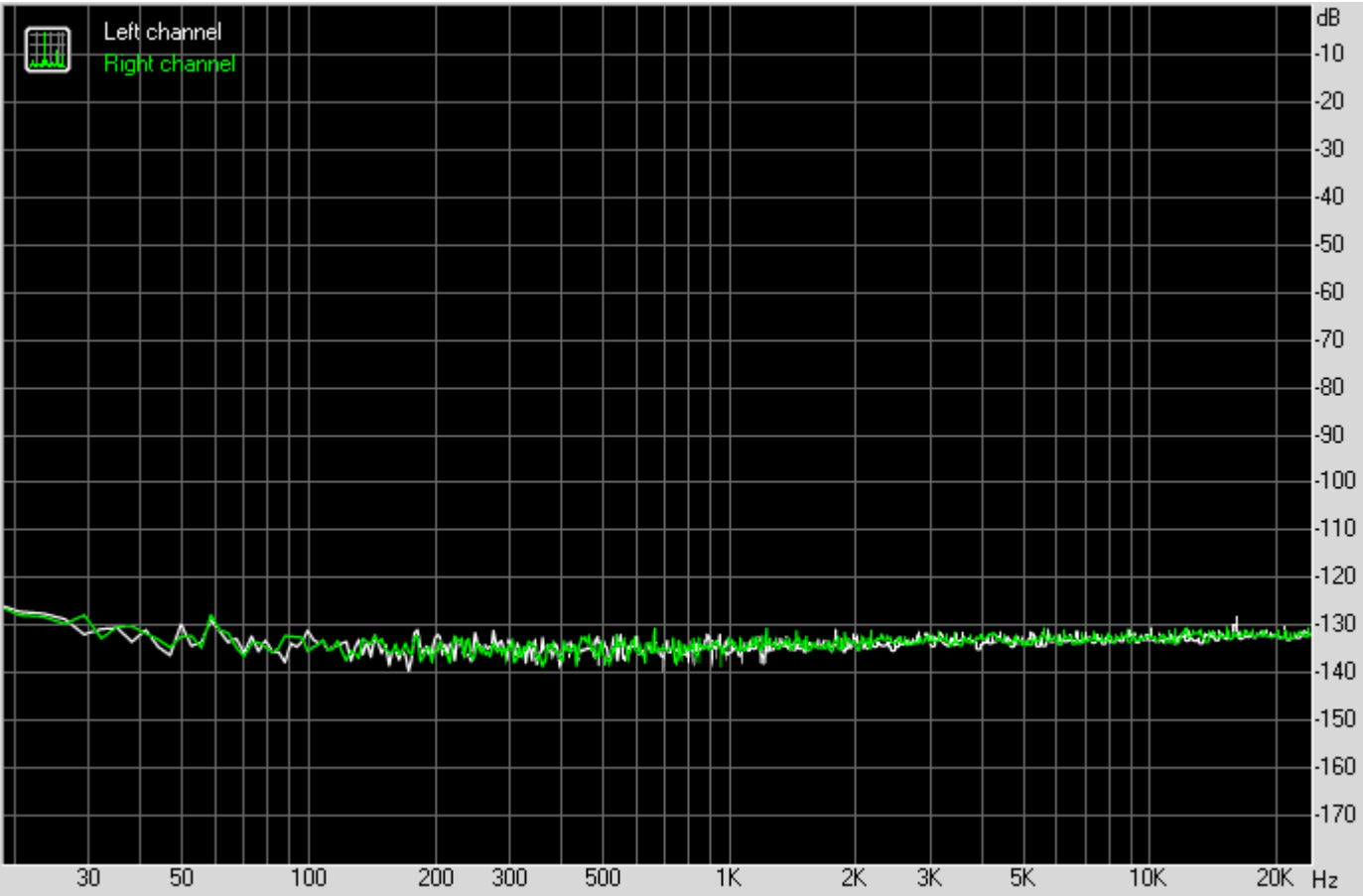
Frequency response (from 40 Hz to 15 kHz), dB	+0.05, -0.06	Excellent
Noise level, dB (A)	-101.1	Excellent
Dynamic range, dB (A)	101.1	Excellent
THD, %	0.00081	Excellent
THD + Noise, dB (A)	-92.6	Very good
IMD + Noise, %	0.00322	Excellent
Stereo crosstalk, dB	-83.1	Very good
IMD at 10 kHz, %	0.00469	Excellent
General performance		Very good

Frequency response



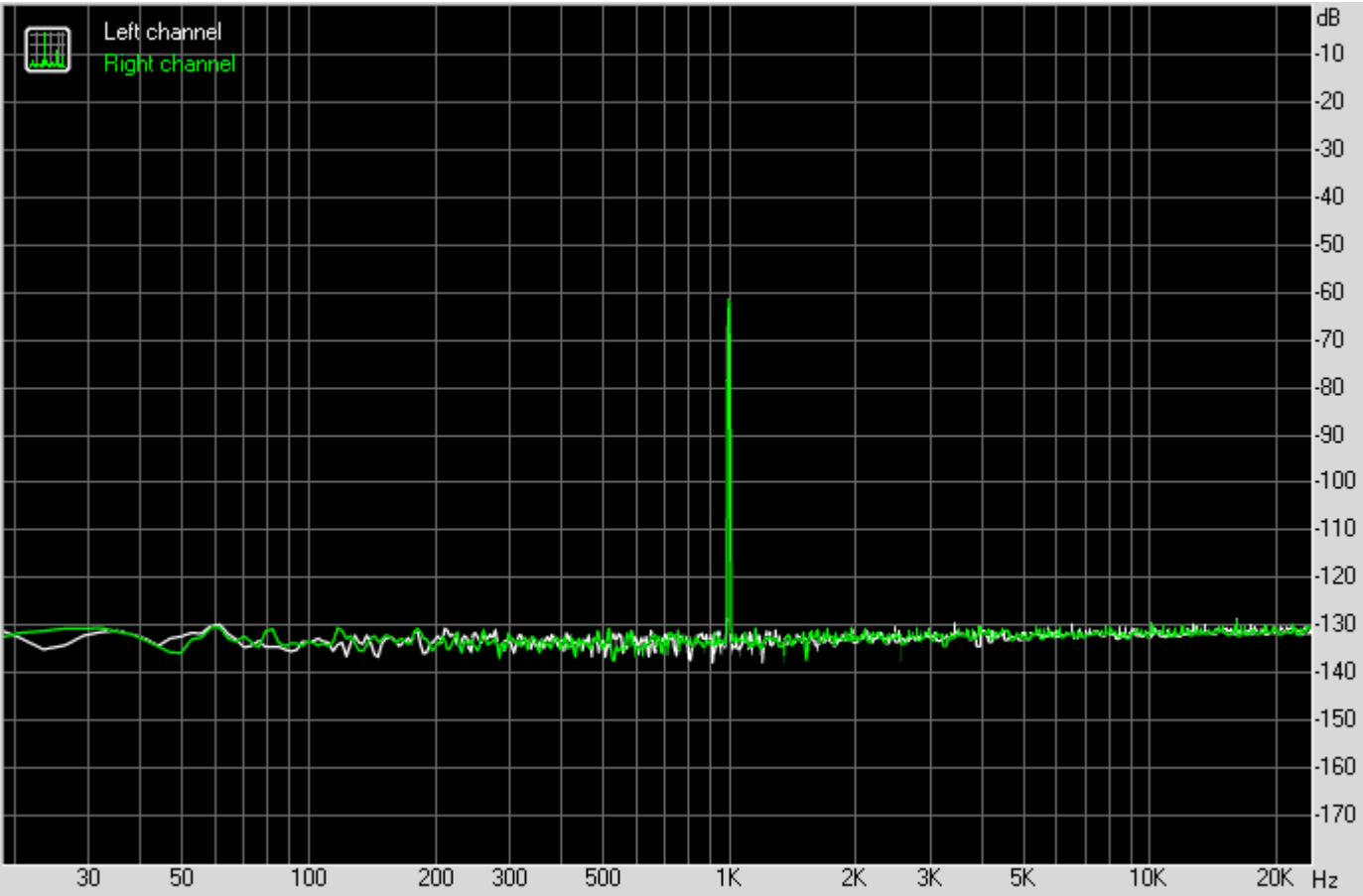
	Left	Right
From 20 Hz to 20 kHz, dB	-0.04, +0.11	-0.08, +0.12
From 40 Hz to 15 kHz, dB	-0.02, +0.07	-0.06, +0.05

Noise level



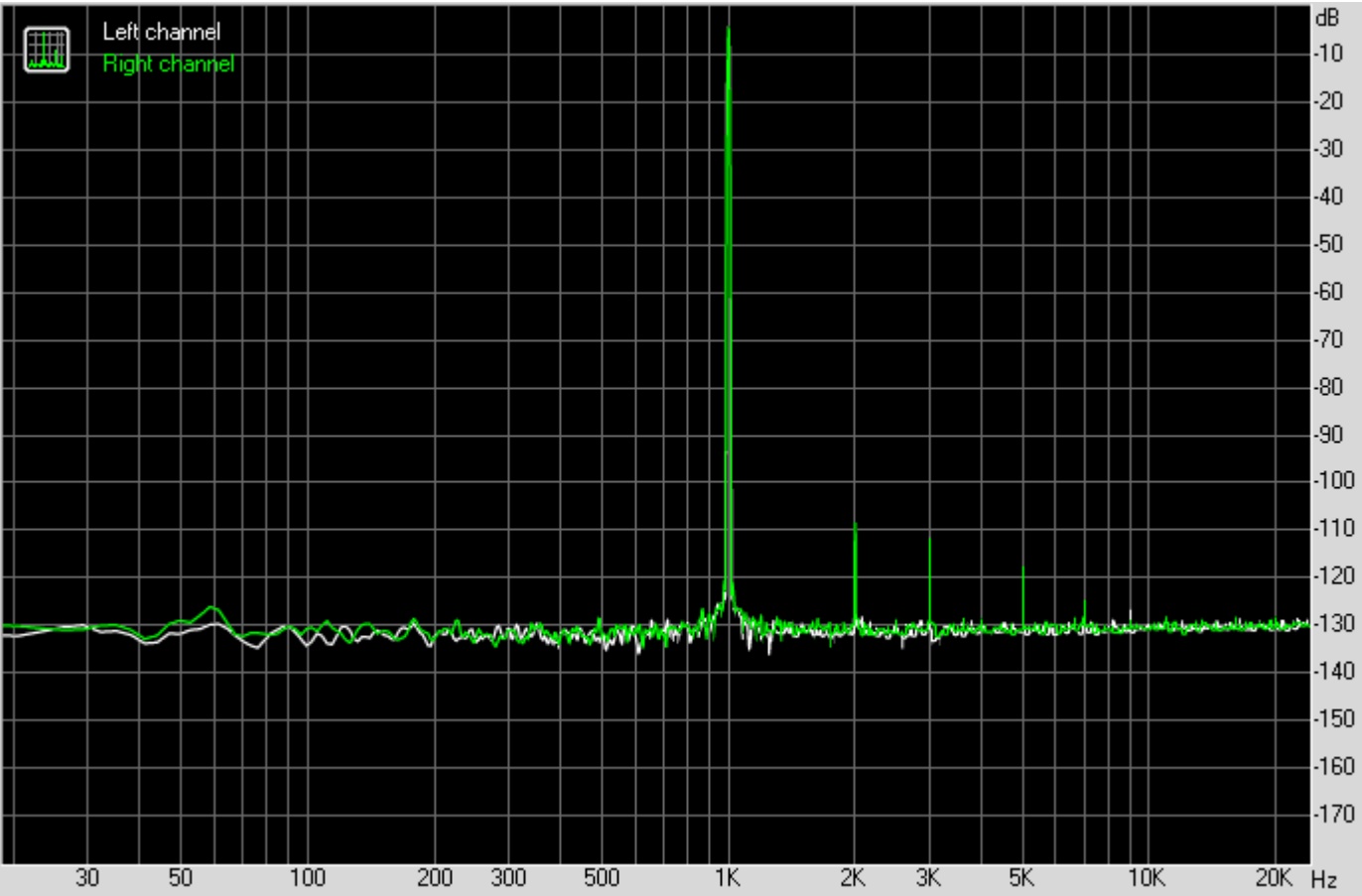
	Left	Right
RMS power, dB	-100.1	-99.9
RMS power (A-weighted), dB	-101.2	-101.0
Peak level, dB FS	-76.0	-75.9
DC offset, %	+0.0	+0.0

Dynamic range



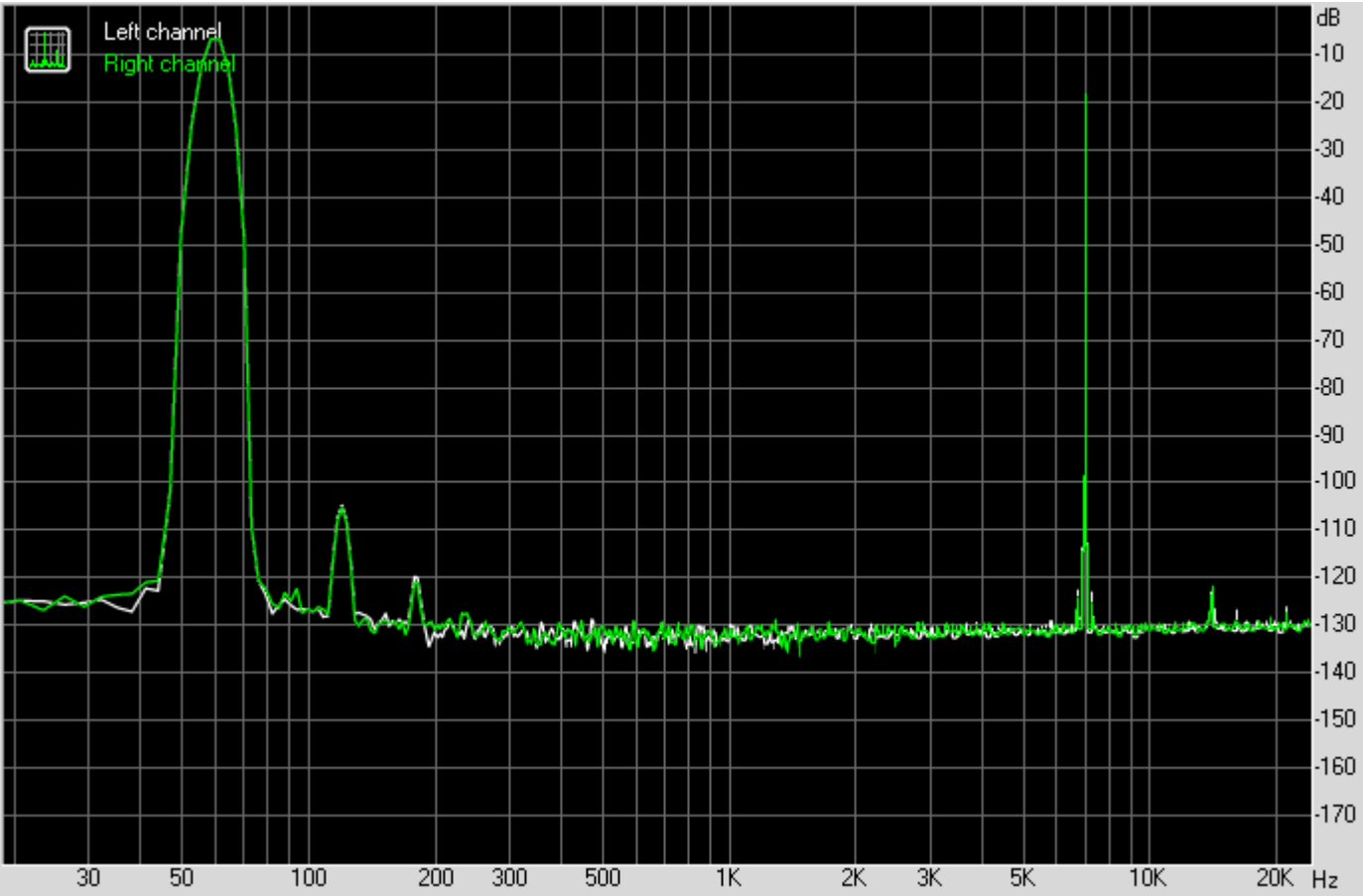
	Left	Right
Dynamic range, dB	+100.1	+100.0
Dynamic range (A-weighted), dB	+101.2	+101.0
DC offset, %	+0.00	+0.00

THD + Noise (at -3 dB FS)



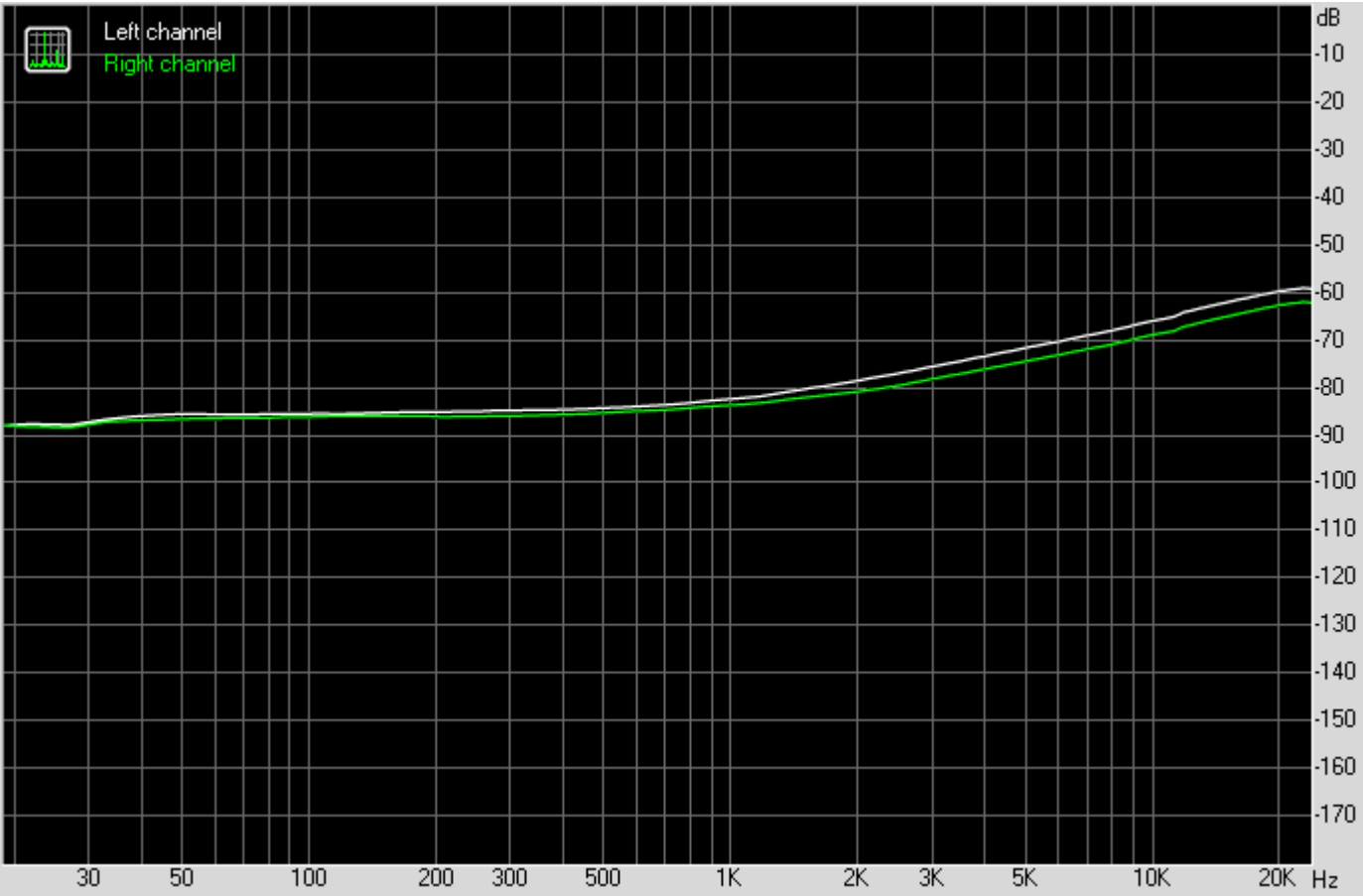
	Left	Right
THD, %	0.00079	0.00084
THD + Noise, %	0.00243	0.00253
THD + Noise (A-weighted), %	0.00230	0.00240

Intermodulation distortion



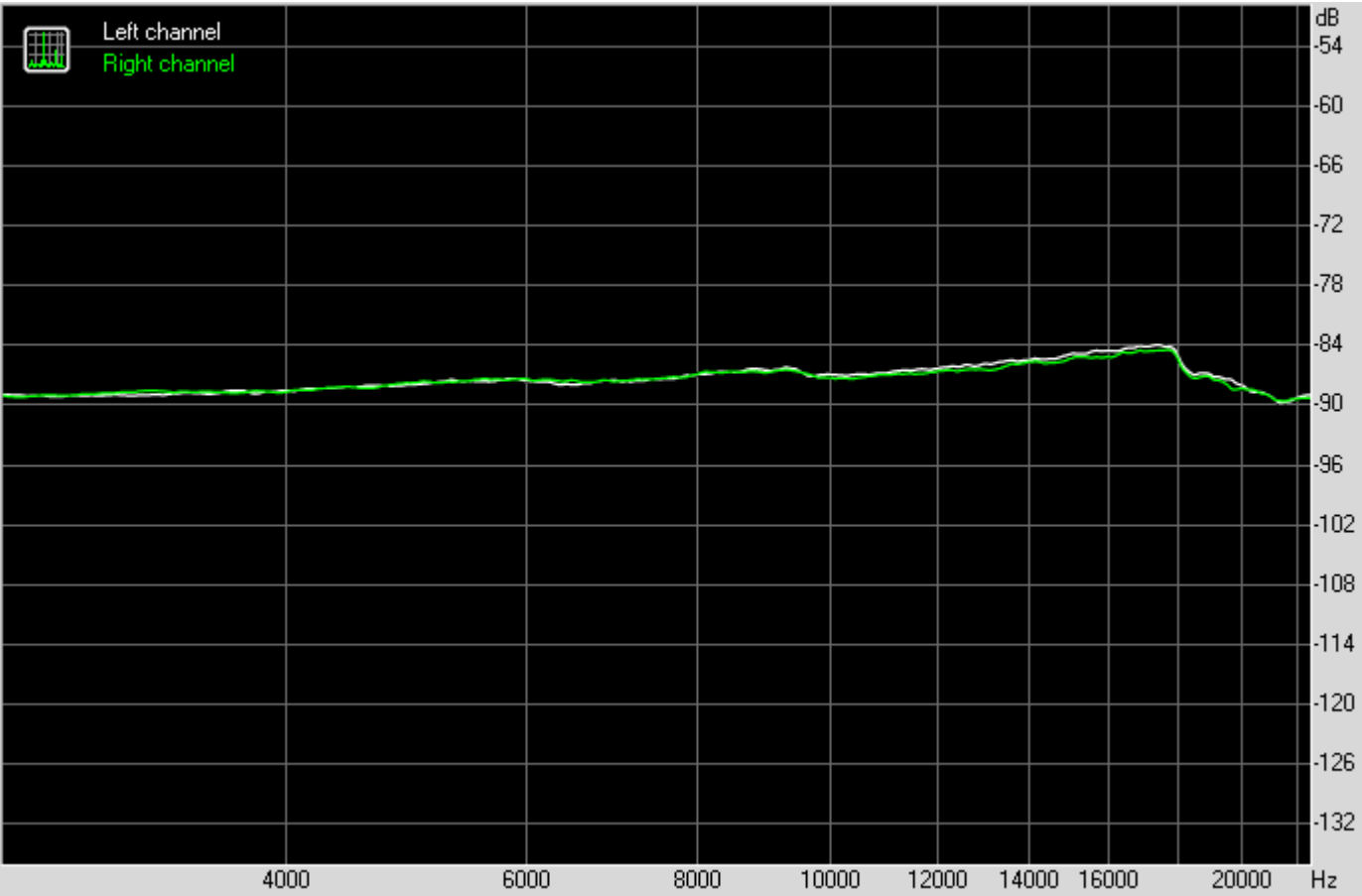
	Left	Right
IMD + Noise, %	0.00320	0.00324
IMD + Noise (A-weighted), %	0.00264	0.00271

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-85	-85
Crosstalk at 1000 Hz, dB	-81	-83
Crosstalk at 10000 Hz, dB	-65	-68

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.00402	0.00413
IMD + Noise at 10000 Hz,	0.00452	0.00434
IMD + Noise at 15000 Hz,	0.00571	0.00541