

RightMark Audio Analyzer test report

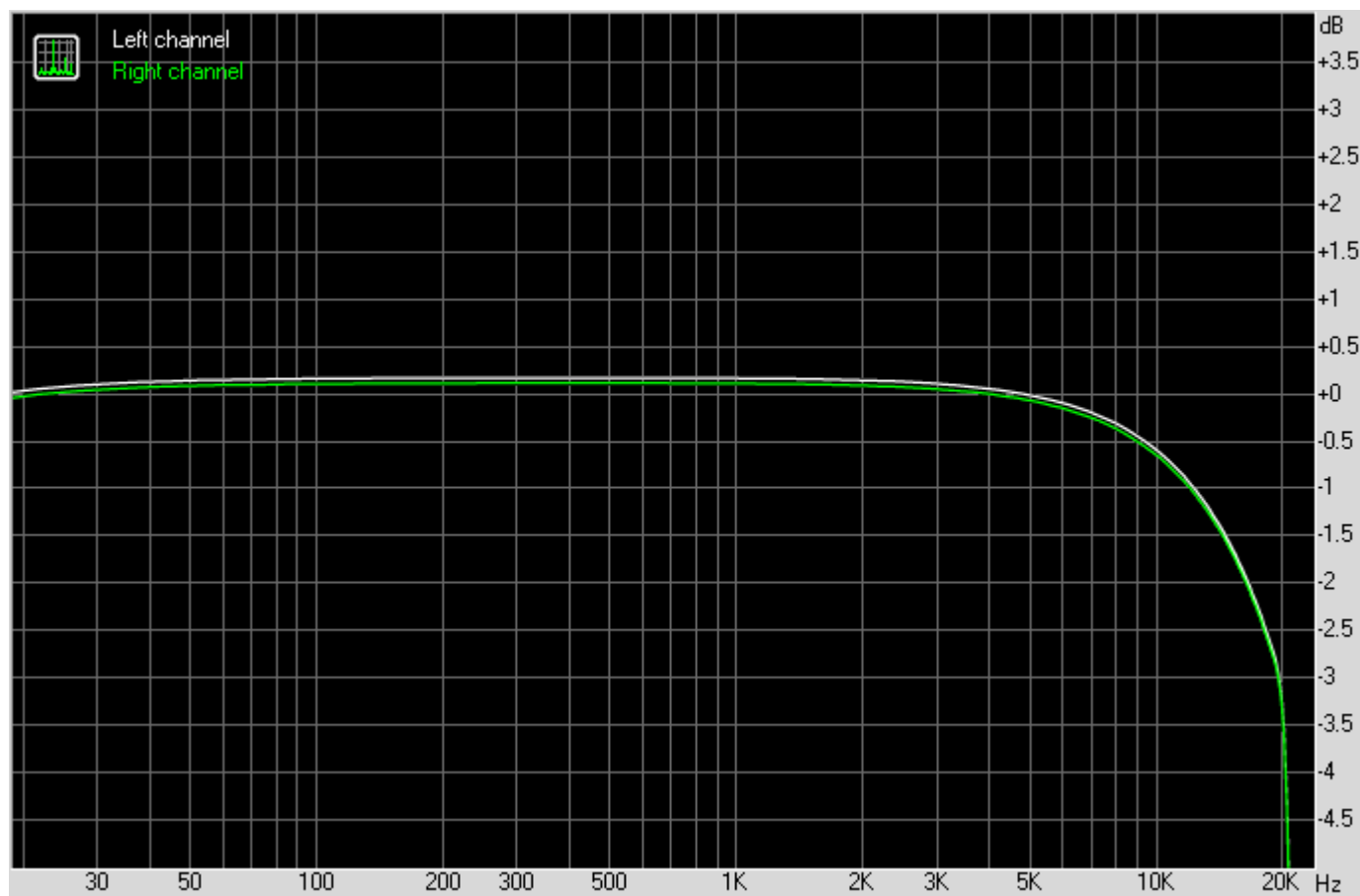
Testing device	[DirectSound] miro ad1862 SS3601
Sampling mode	24-bit, 48 kHz
Interface	DirectSound
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.5

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-0.3 dB / -0.3 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

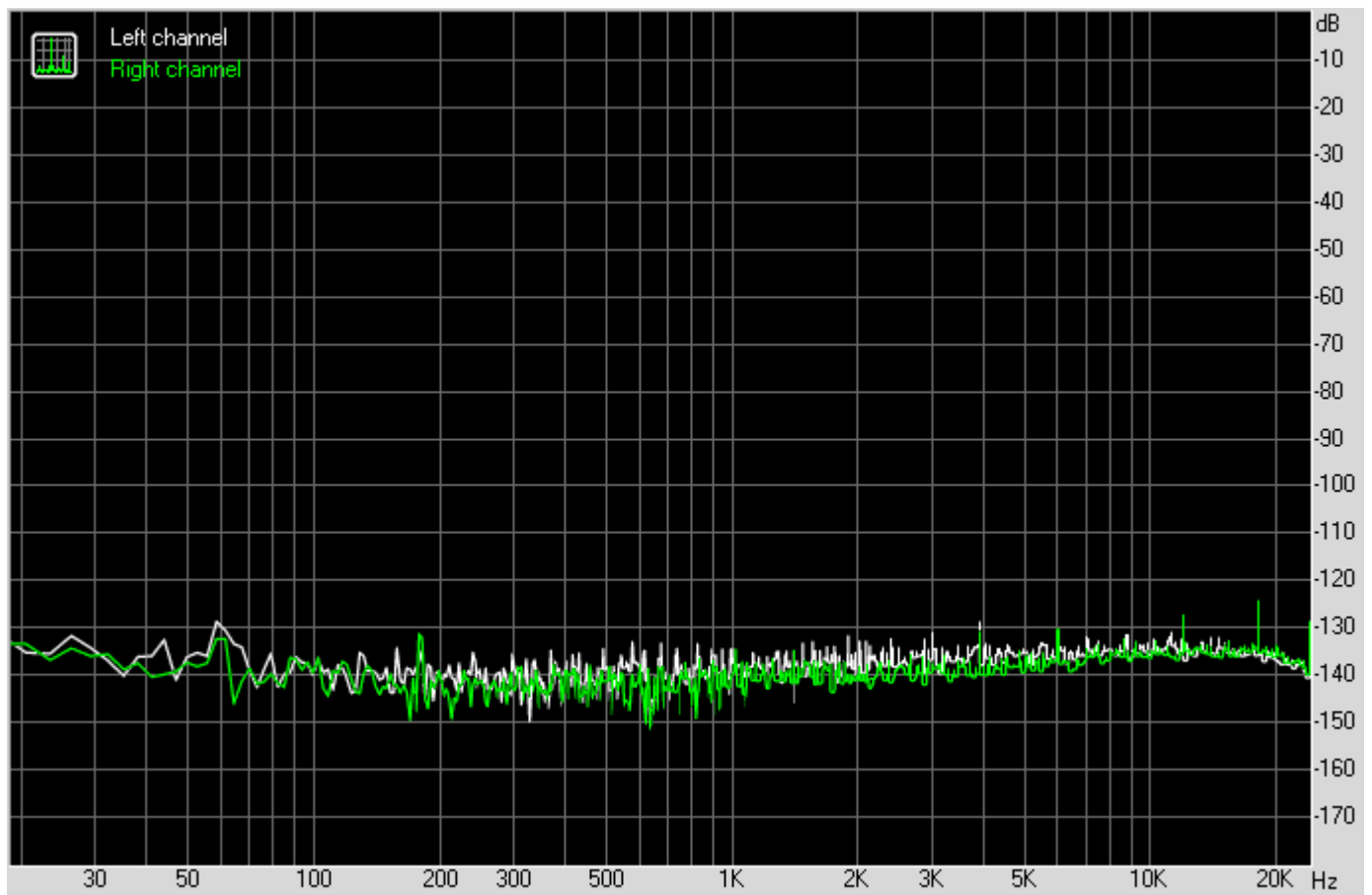
Frequency response (from 40 Hz to 15 kHz), dB	+0.11, -1.65	Average
Noise level, dB (A)	-106.5	Excellent
Dynamic range, dB (A)	109.6	Excellent
THD, %	0.00283	Excellent
THD + Noise, dB (A)	-88.6	Good
IMD + Noise, %	0.00338	Excellent
Stereo crosstalk, dB	-86.6	Excellent
IMD at 10 kHz, %	0.200	Average
General performance		Very good

Frequency response



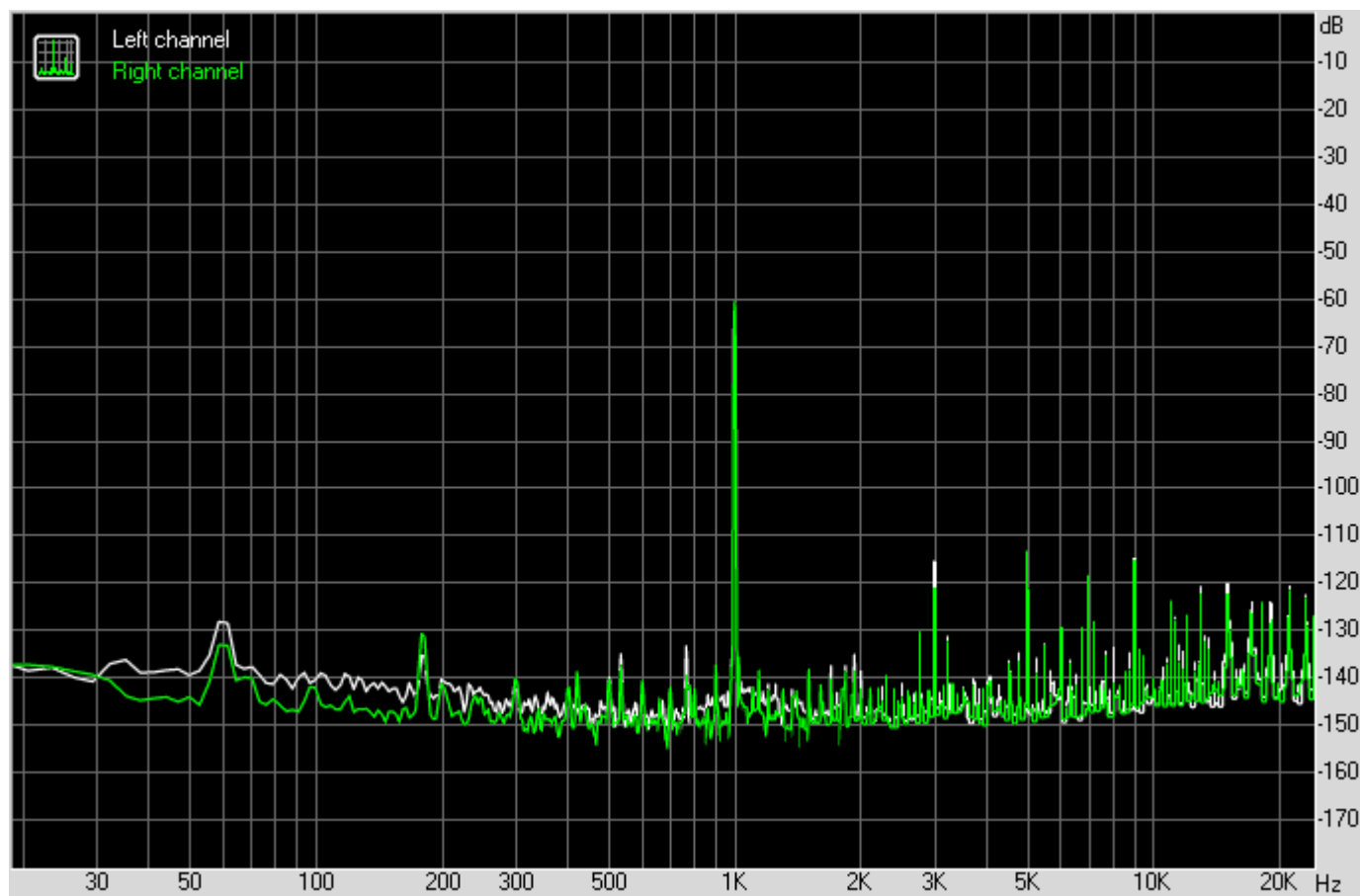
	Left	Right
From 20 Hz to 20 kHz, dB	-3.36, +0.17	-3.42, +0.11
From 40 Hz to 15 kHz, dB	-1.59, +0.17	-1.65, +0.11

Noise level



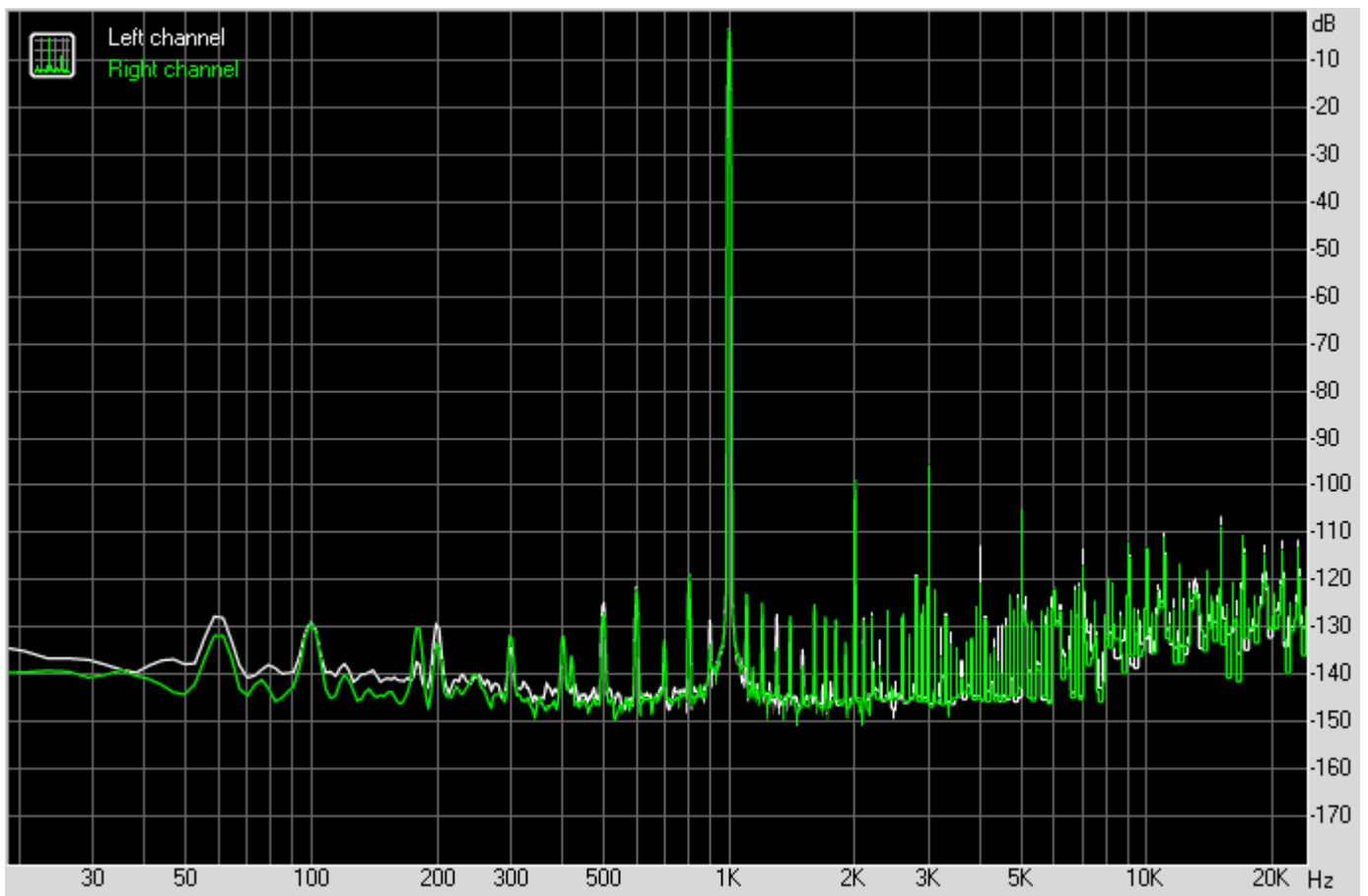
	Left	Right
RMS power, dB	-104.7	-105.4
RMS power (A-weighted), dB	-105.8	-107.3
Peak level, dB FS	-78.9	-79.0
DC offset, %	+0.0	+0.0

Dynamic range



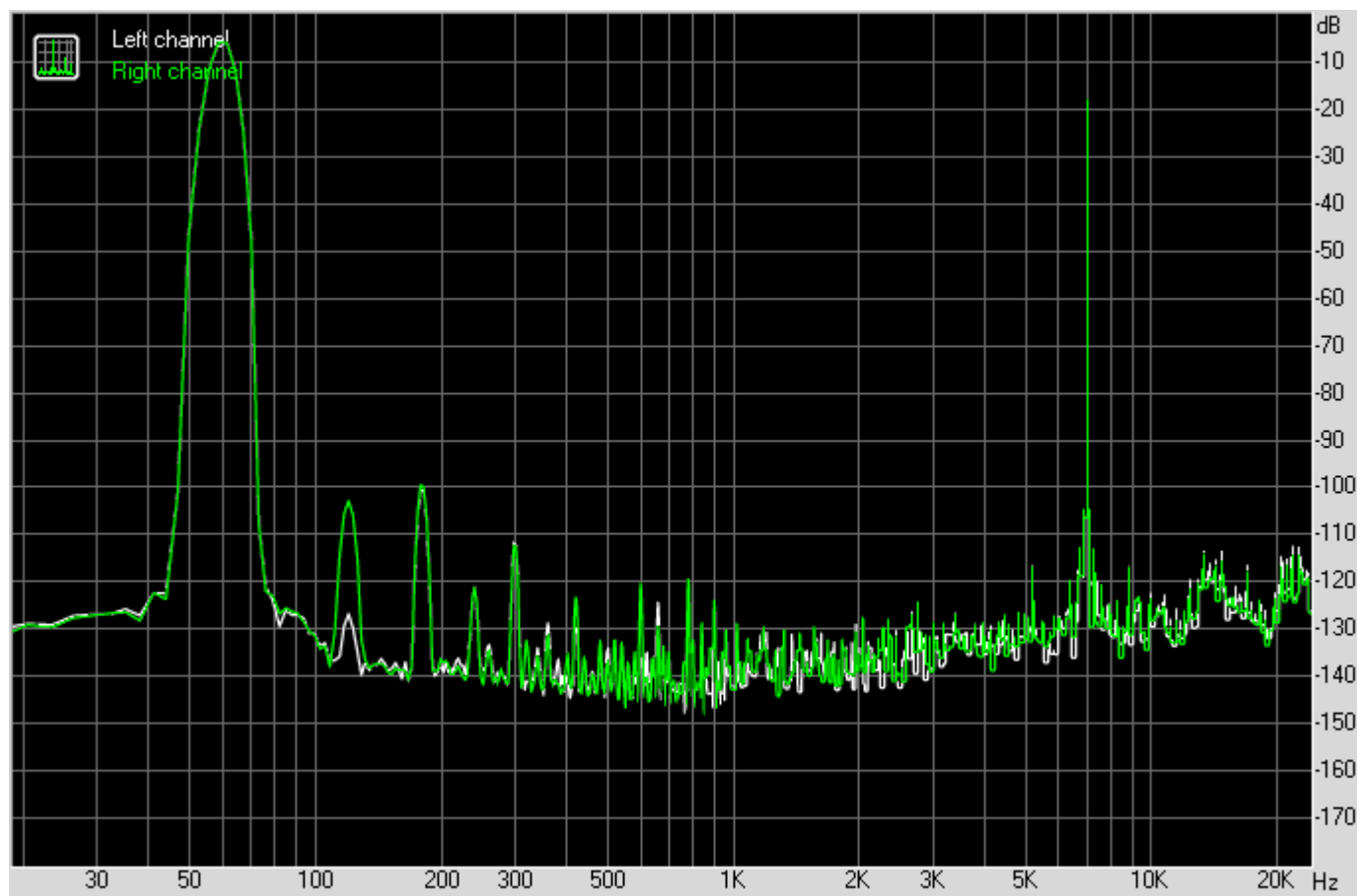
	Left	Right
Dynamic range, dB	+109.3	+109.4
Dynamic range (A-weighted), dB	+109.5	+109.8
DC offset, %	+0.00	+0.00

THD + Noise (at -3 dB FS)



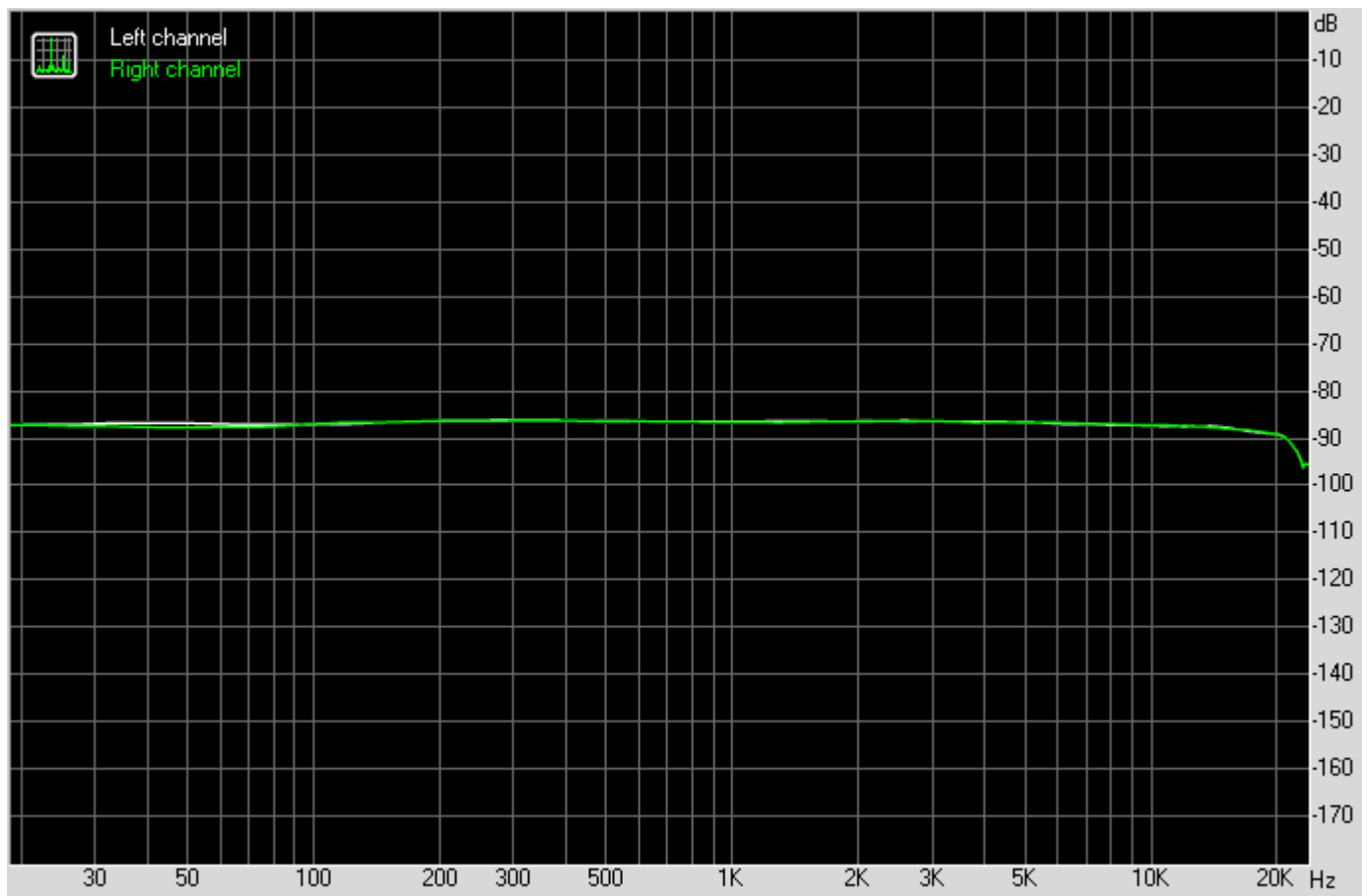
	Left	Right
THD, %	0.00249	0.00317
THD + Noise, %	0.00279	0.00338
THD + Noise (A-weighted), %	0.00326	0.00415

Intermodulation distortion



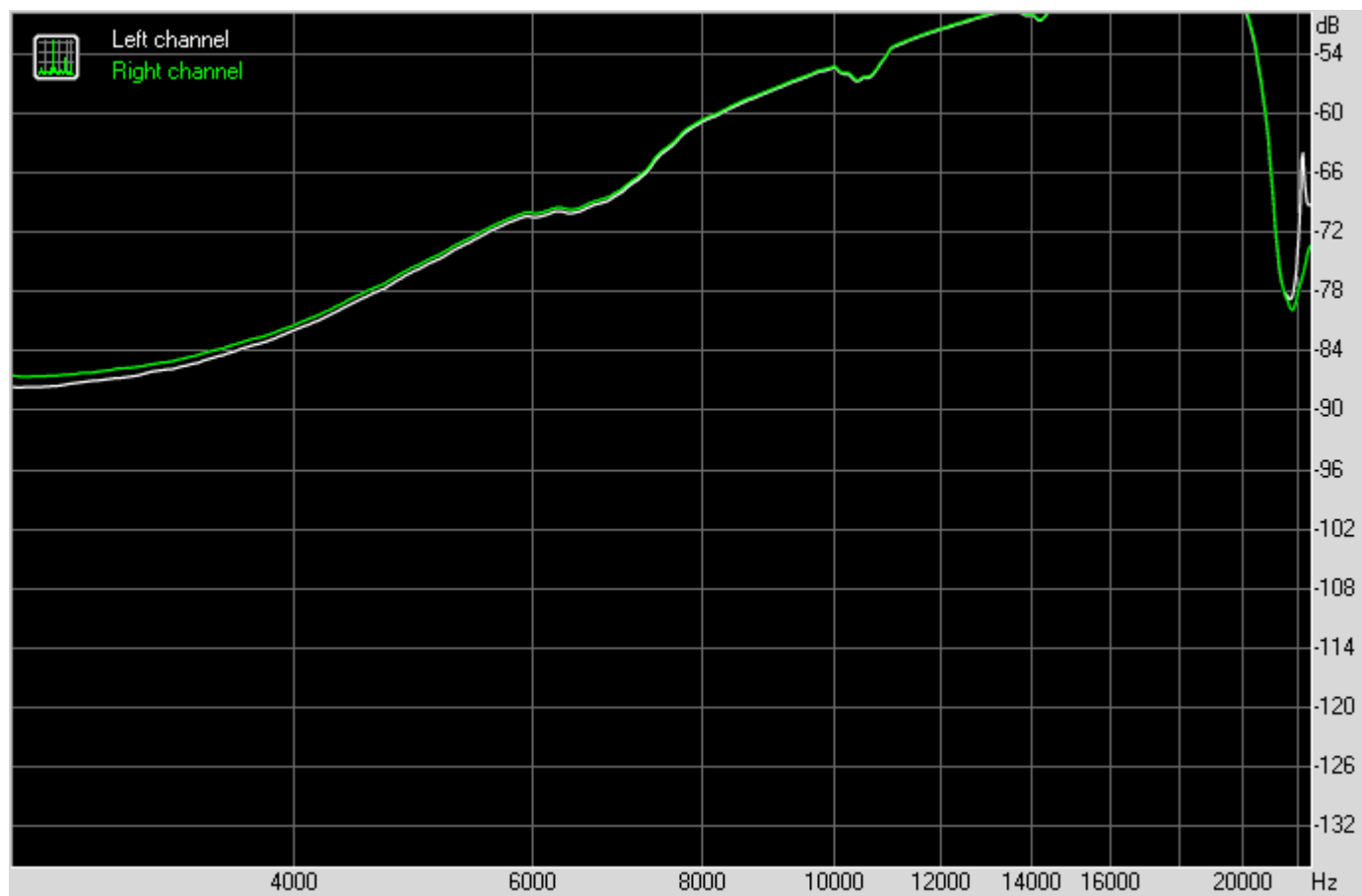
	Left	Right
IMD + Noise, %	0.00314	0.00363
IMD + Noise (A-weighted), %	0.00224	0.00252

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-86	-86
Crosstalk at 1000 Hz, dB	-86	-86
Crosstalk at 10000 Hz, dB	-86	-86

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.01698	0.01788
IMD + Noise at 10000 Hz,	0.17018	0.17265
IMD + Noise at 15000 Hz,	0.40979	0.41400