

RightMark Audio Analyzer test report

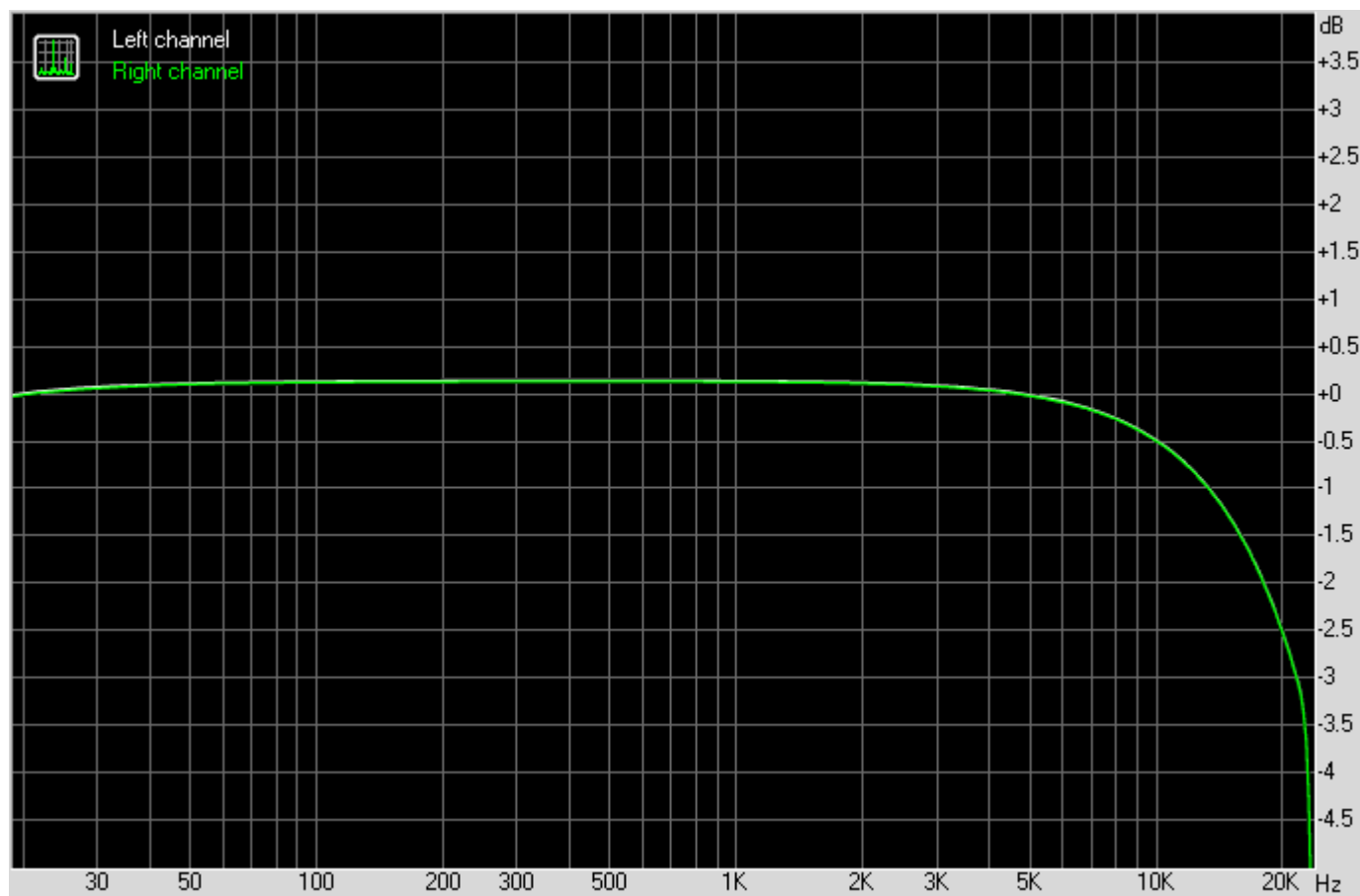
Testing device	LM6171
Sampling mode	24-bit, 48 kHz
Interface	
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.5

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-6.3 dB / -6.3 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

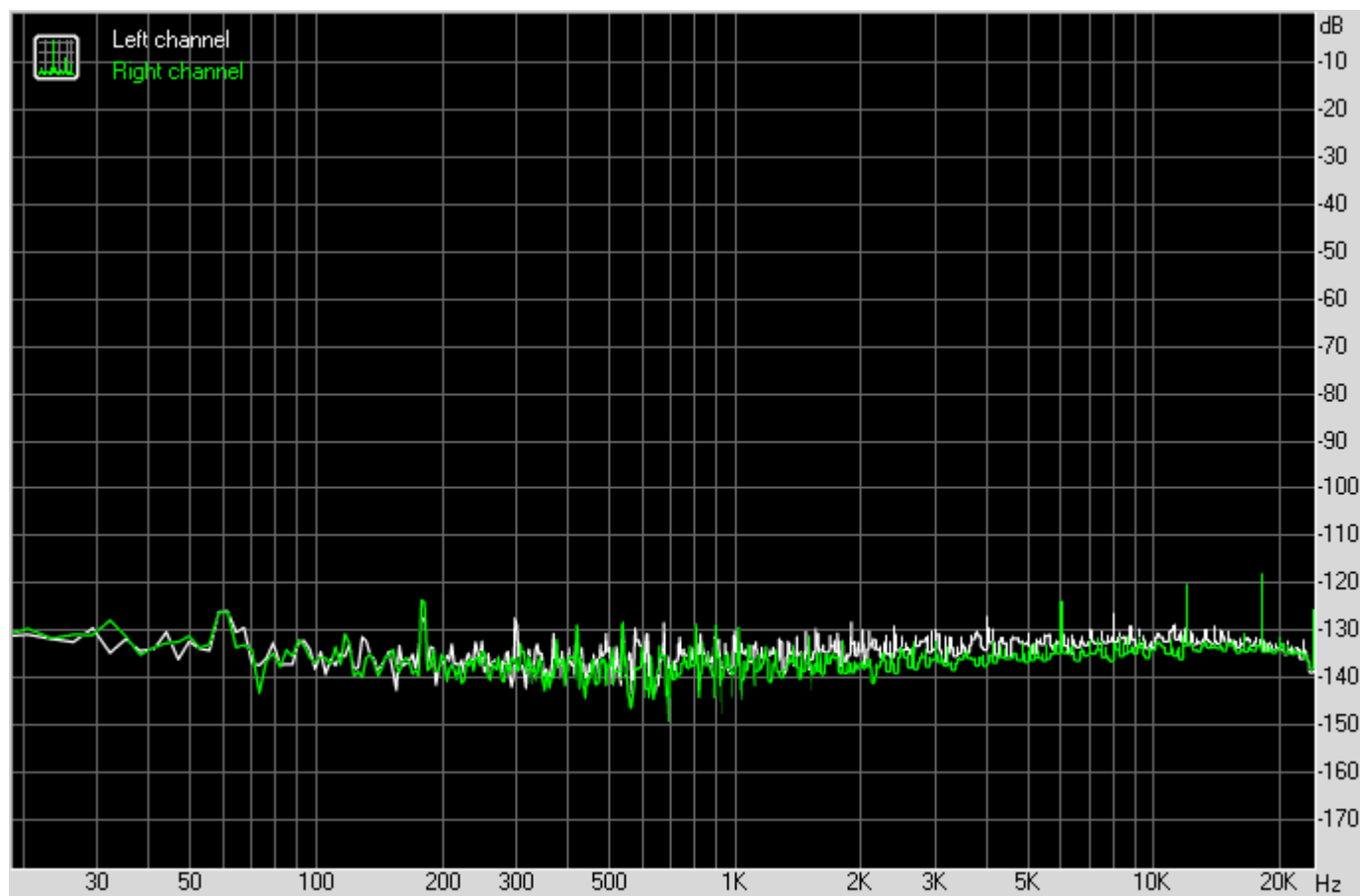
Frequency response (from 40 Hz to 15 kHz), dB	+0.13, -1.32	Average
Noise level, dB (A)	-103.9	Excellent
Dynamic range, dB (A)	106.7	Excellent
THD, %	0.00326	Very good
THD + Noise, dB (A)	-87.8	Good
IMD + Noise, %	0.00351	Excellent
Stereo crosstalk, dB	-87.3	Excellent
IMD at 10 kHz, %	0.154	Average
General performance		Very good

Frequency response



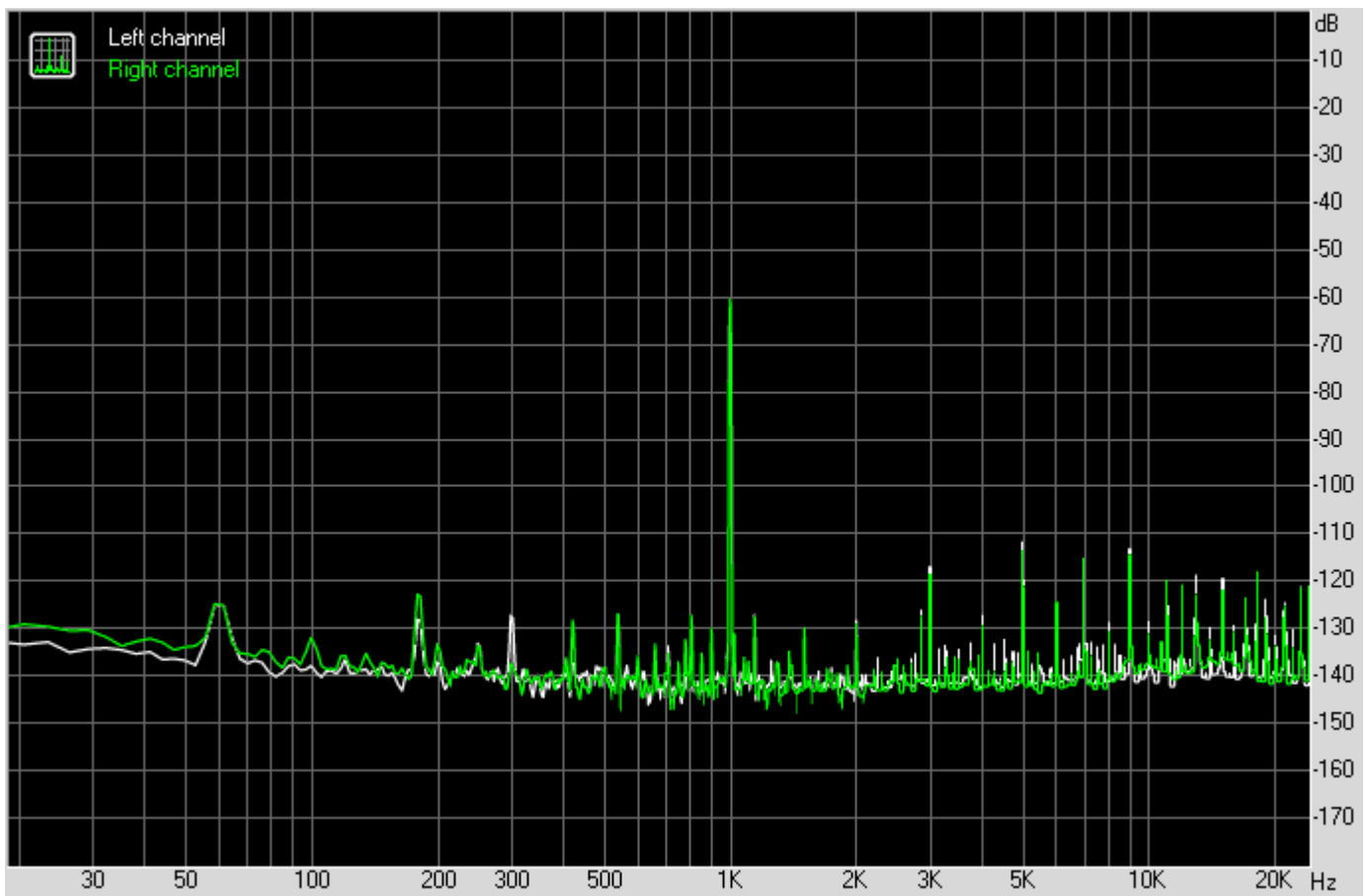
	Left	Right
From 20 Hz to 20 kHz, dB	-2.52, +0.14	-2.53, +0.13
From 40 Hz to 15 kHz, dB	-1.31, +0.14	-1.32, +0.13

Noise level



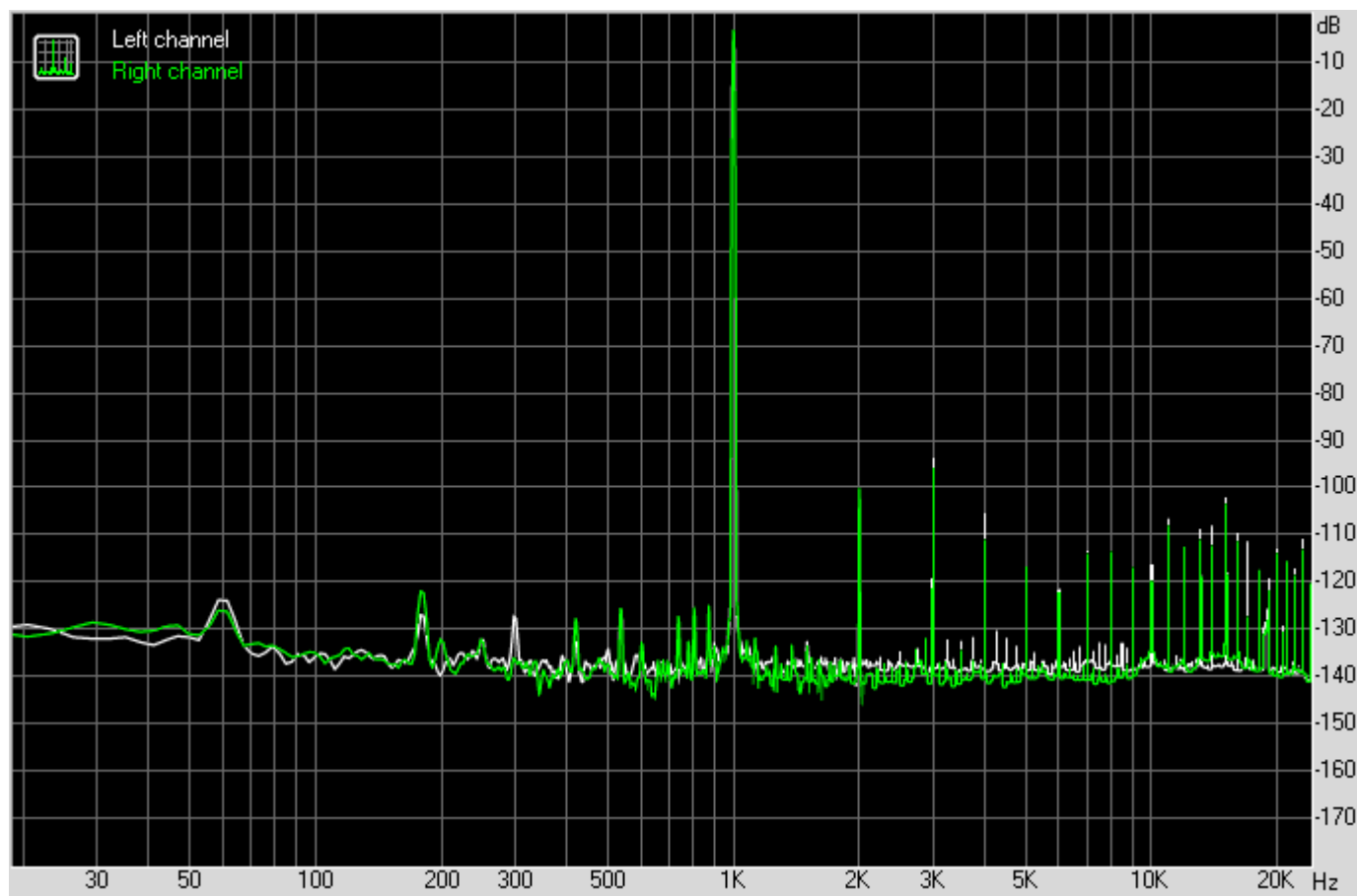
	Left	Right
RMS power, dB	-102.0	-103.3
RMS power (A-weighted), dB	-102.9	-104.9
Peak level, dB FS	-79.2	-79.3
DC offset, %	+0.0	+0.0

Dynamic range



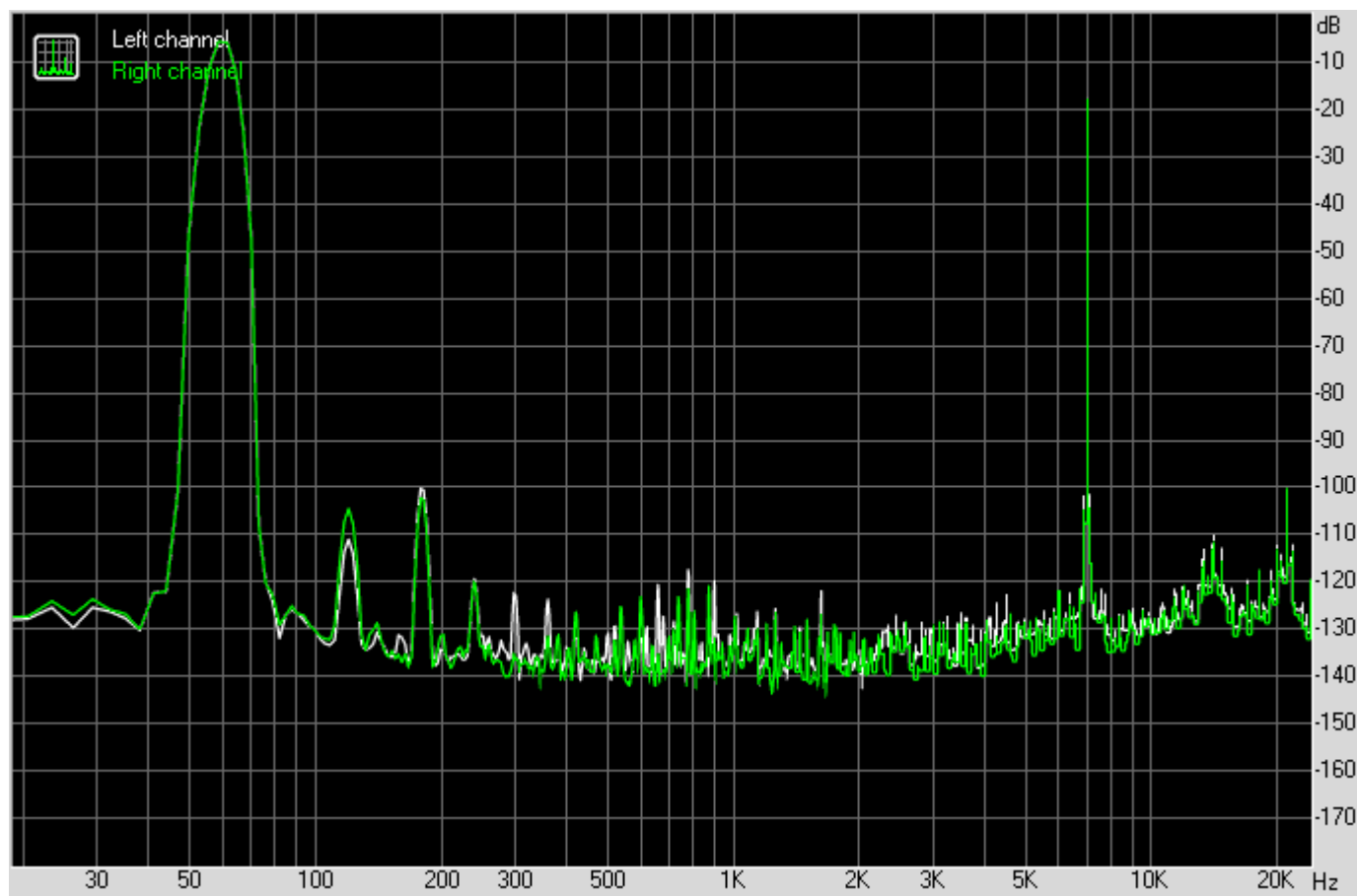
	Left	Right
Dynamic range, dB	+106.1	+105.8
Dynamic range (A-weighted), dB	+106.5	+106.9
DC offset, %	+0.00	+0.00

THD + Noise (at -3 dB FS)



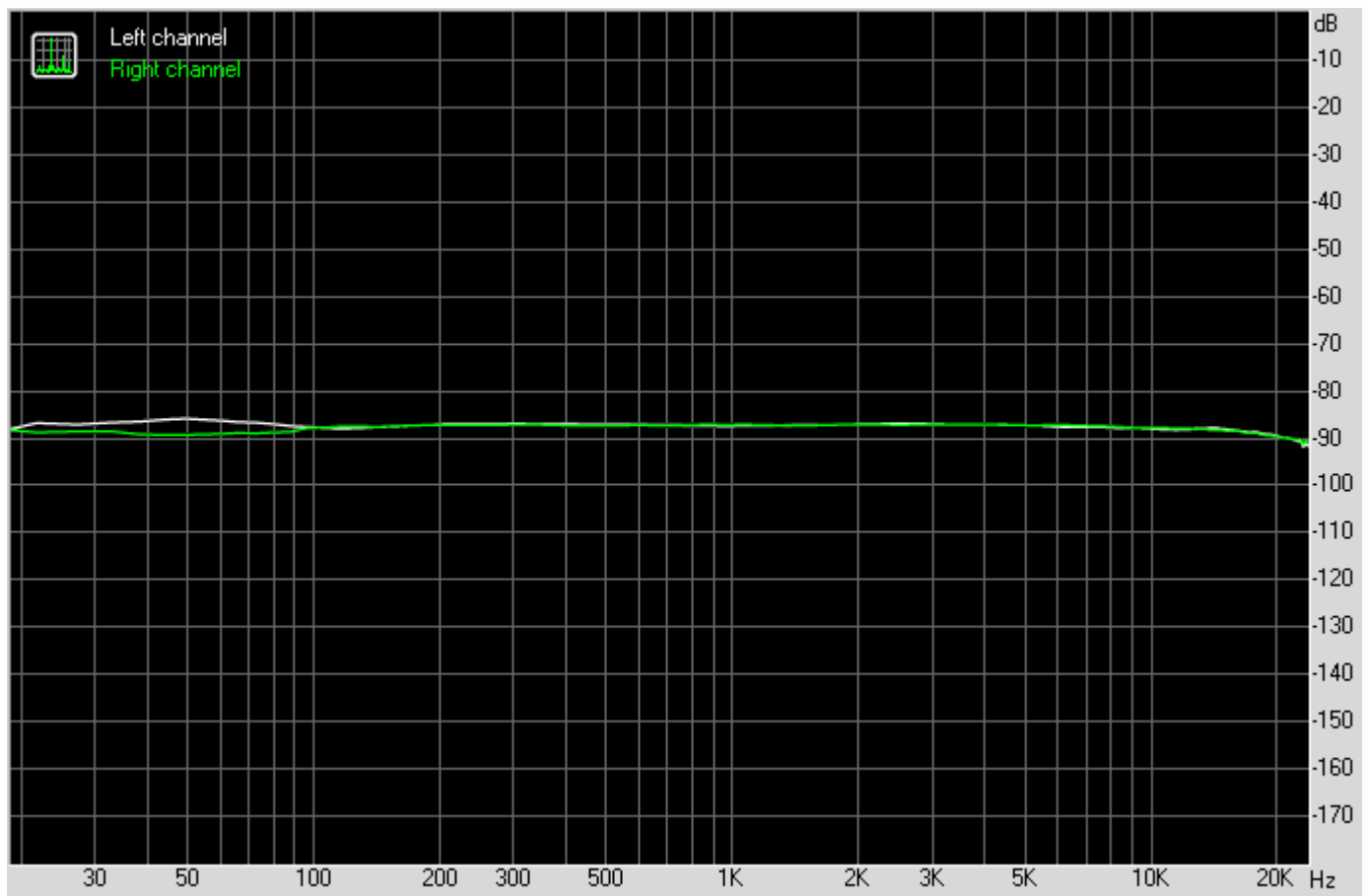
	Left	Right
THD, %	0.00352	0.00300
THD + Noise, %	0.00366	0.00316
THD + Noise (A-weighted), %	0.00436	0.00374

Intermodulation distortion



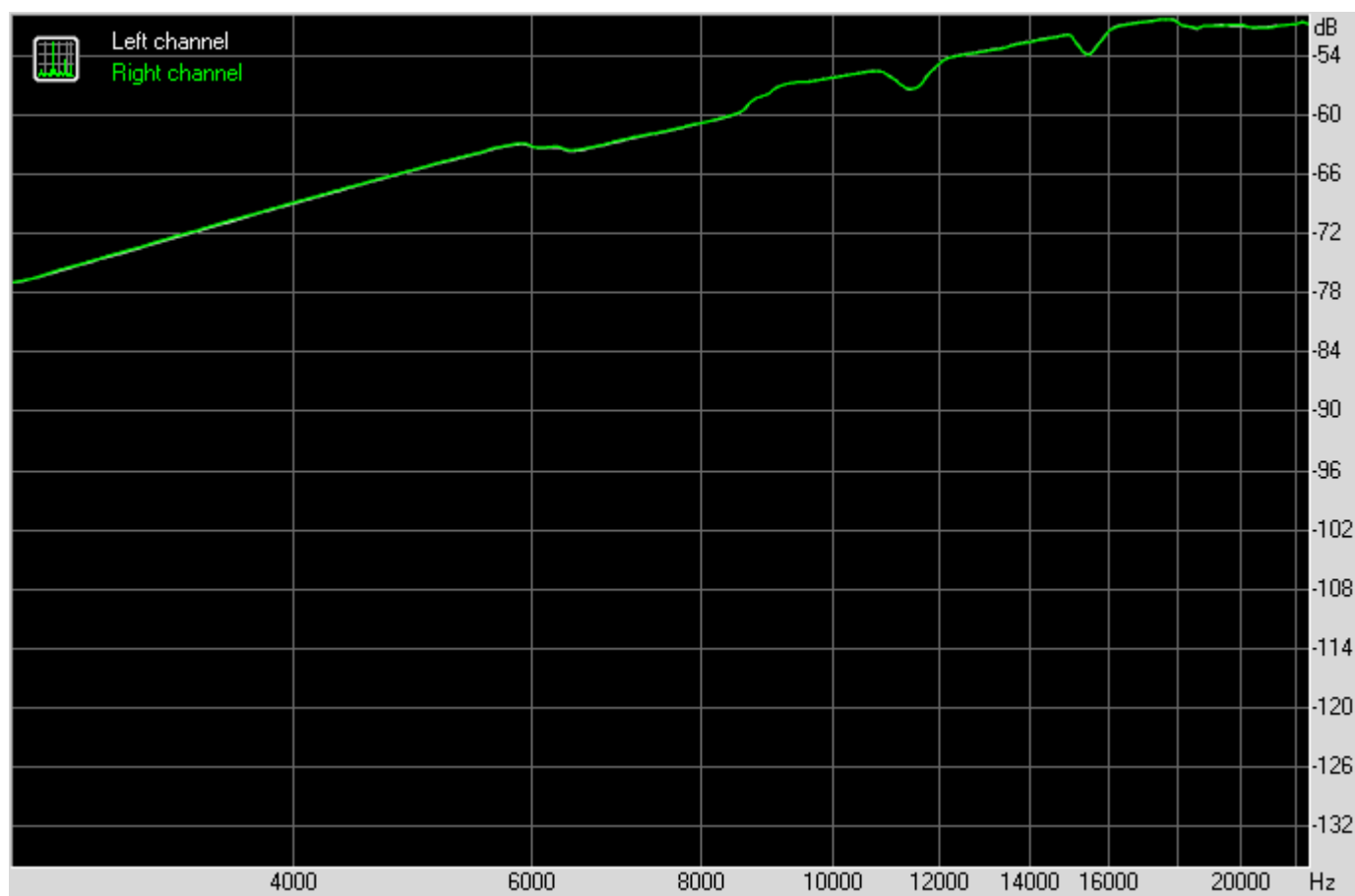
	Left	Right
IMD + Noise, %	0.00376	0.00325
IMD + Noise (A-weighted), %	0.00293	0.00238

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-87	-87
Crosstalk at 1000 Hz, dB	-86	-86
Crosstalk at 10000 Hz, dB	-87	-87

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.05445	0.05477
IMD + Noise at 10000 Hz,	0.15532	0.15507
IMD + Noise at 15000 Hz,	0.25353	0.25314