

RightMark Audio Analyzer test report

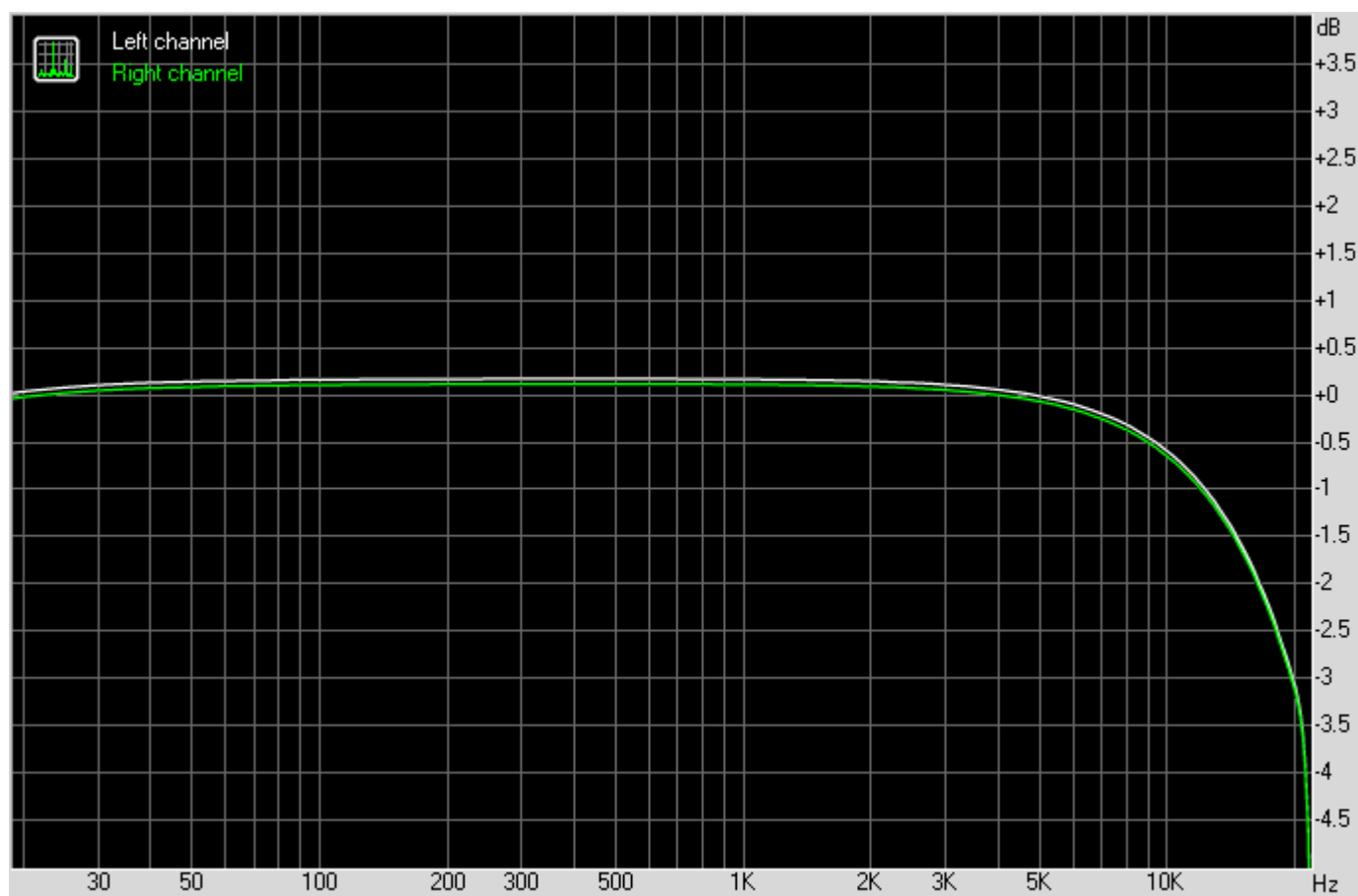
Testing device	[DirectSound] ss3601 44.1
Sampling mode	16-bit, 44 kHz
Interface	DirectSound
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.5

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

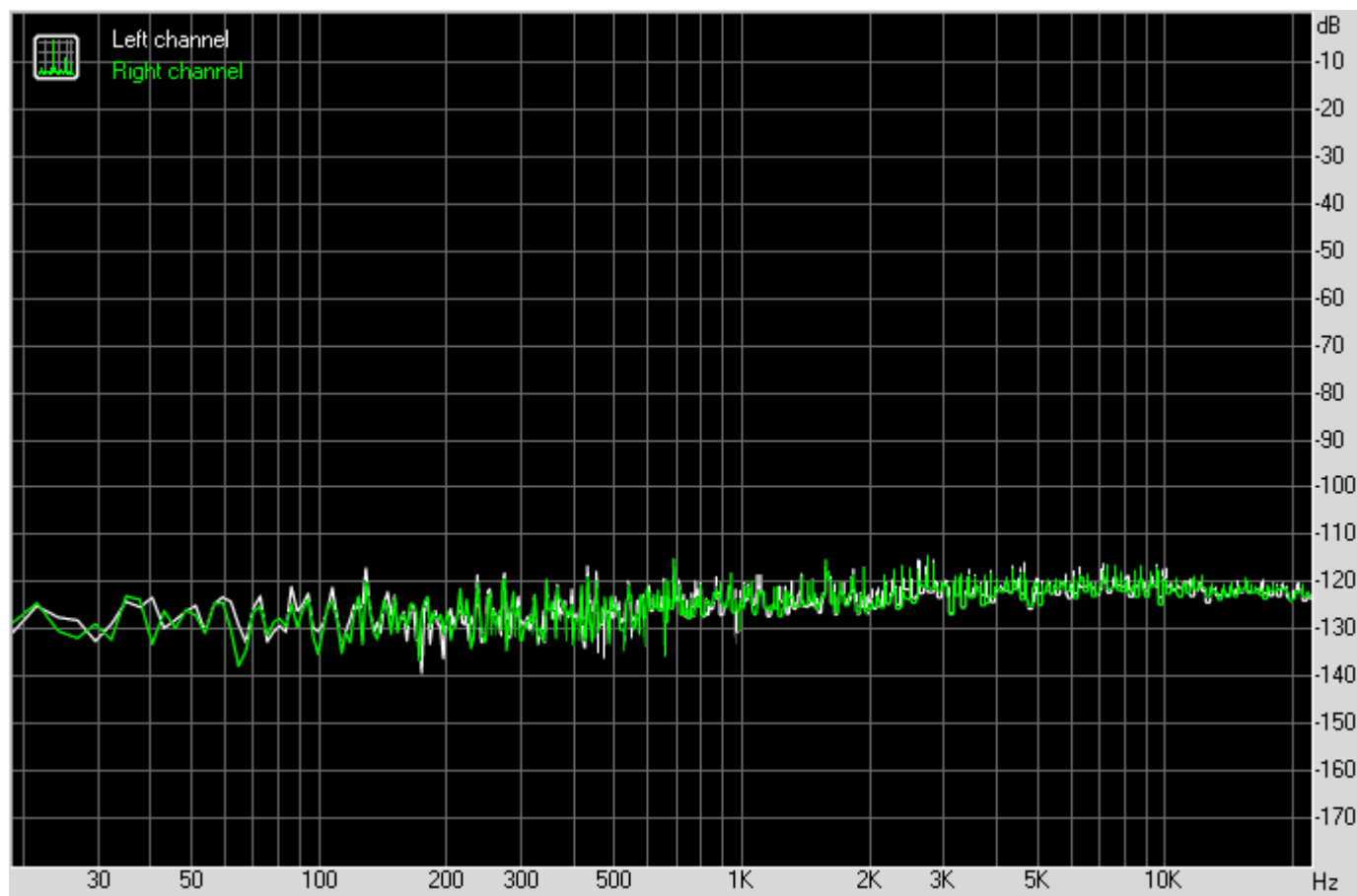
Frequency response (from 40 Hz to 15 kHz), dB	+0.17, -1.60	Average
Noise level, dB (A)	-92.2	Very good
Dynamic range, dB (A)	93.0	Very good
THD, %	0.00278	Excellent
THD + Noise, dB (A)	-84.8	Good
IMD + Noise, %	0.00690	Excellent
Stereo crosstalk, dB	-85.7	Excellent
IMD at 10 kHz, %	0.200	Average
General performance		Very good

Frequency response



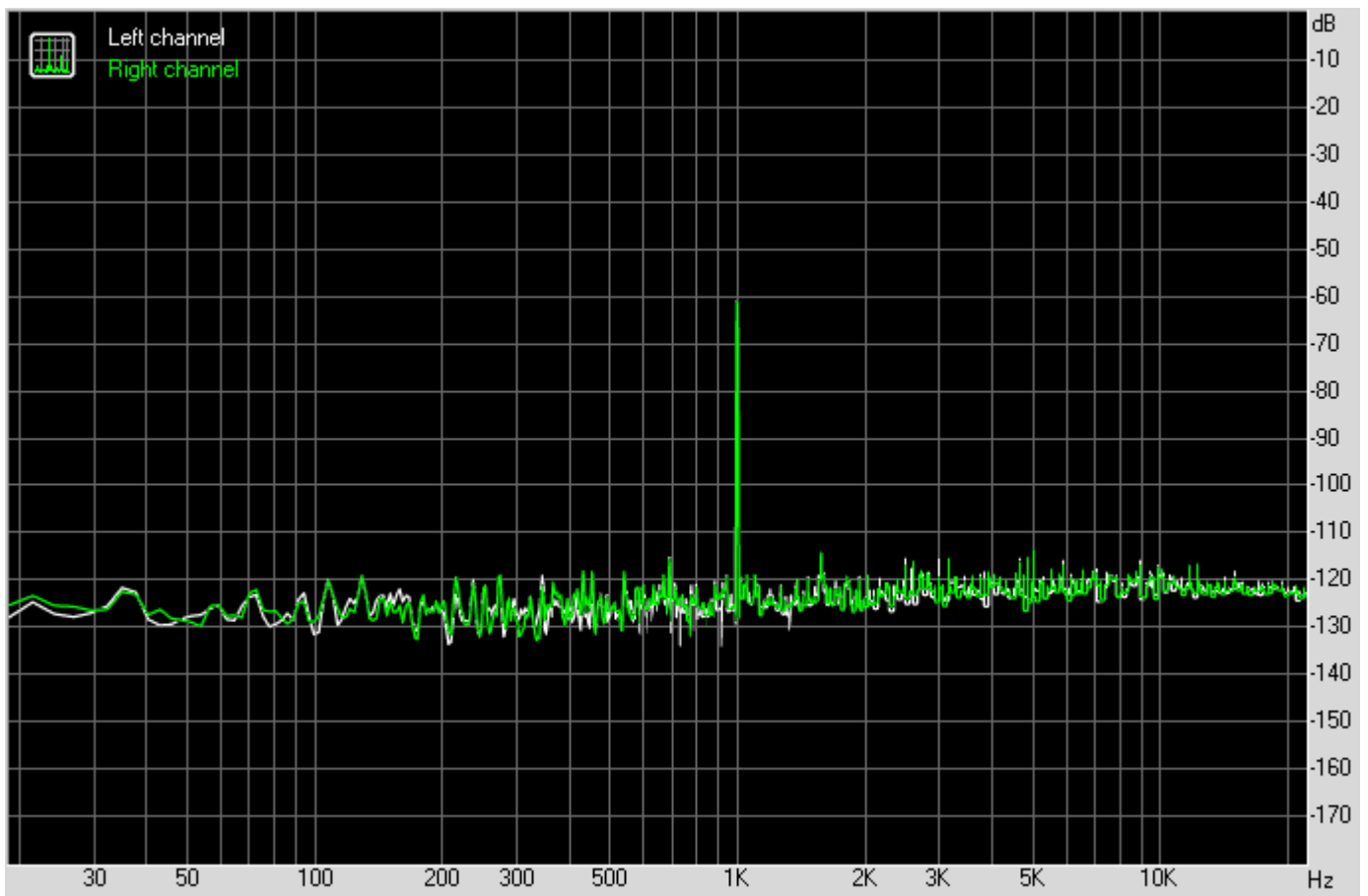
	Left	Right
From 20 Hz to 20 kHz, dB	-3.09, +0.17	-3.15, +0.11
From 40 Hz to 15 kHz, dB	-1.60, +0.17	-1.66, +0.11

Noise level



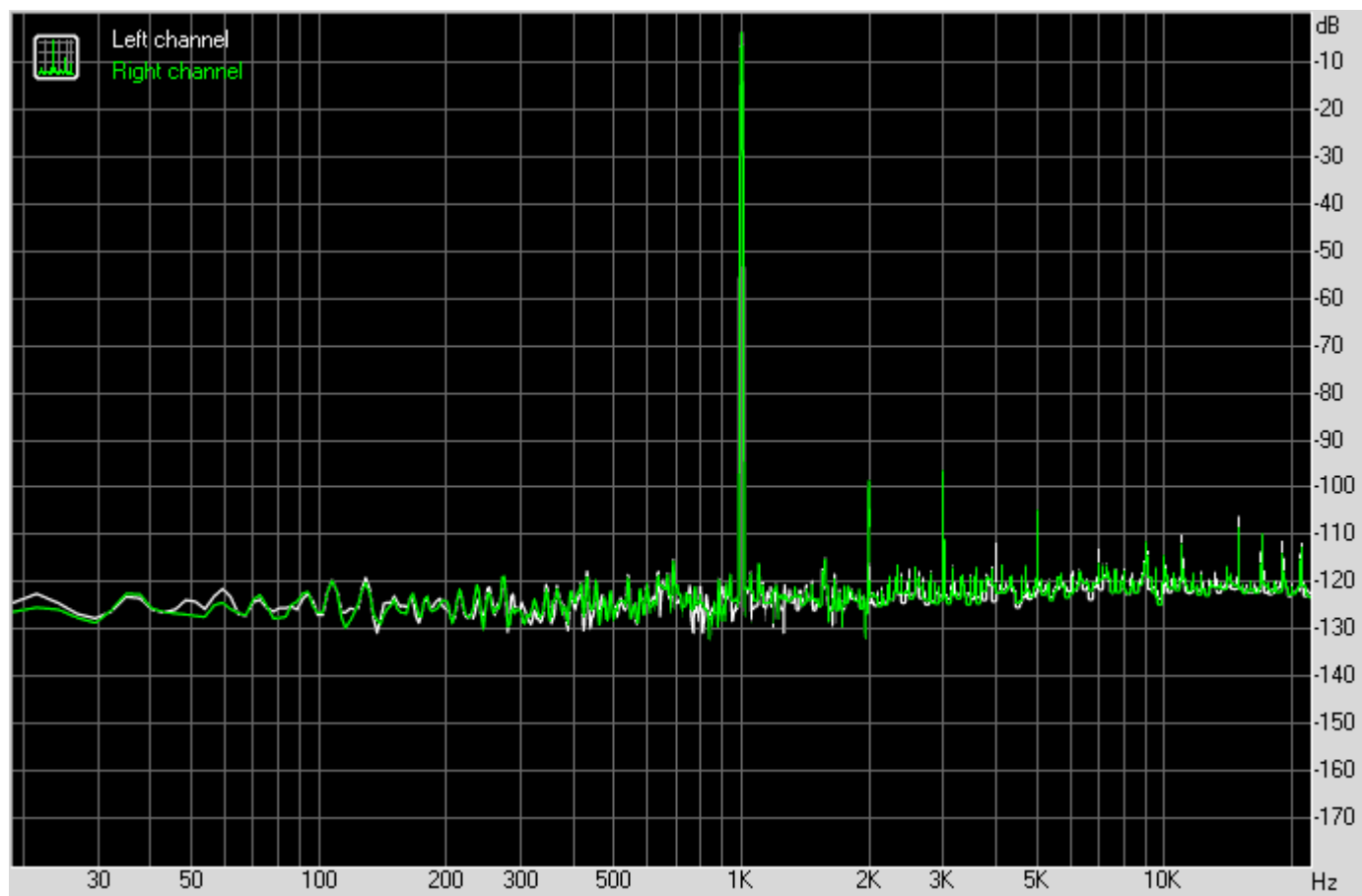
	Left	Right
RMS power, dB	-91.3	-91.6
RMS power (A-weighted), dB	-92.0	-92.4
Peak level, dB FS	-78.5	-77.9
DC offset, %	+0.0	+0.0

Dynamic range



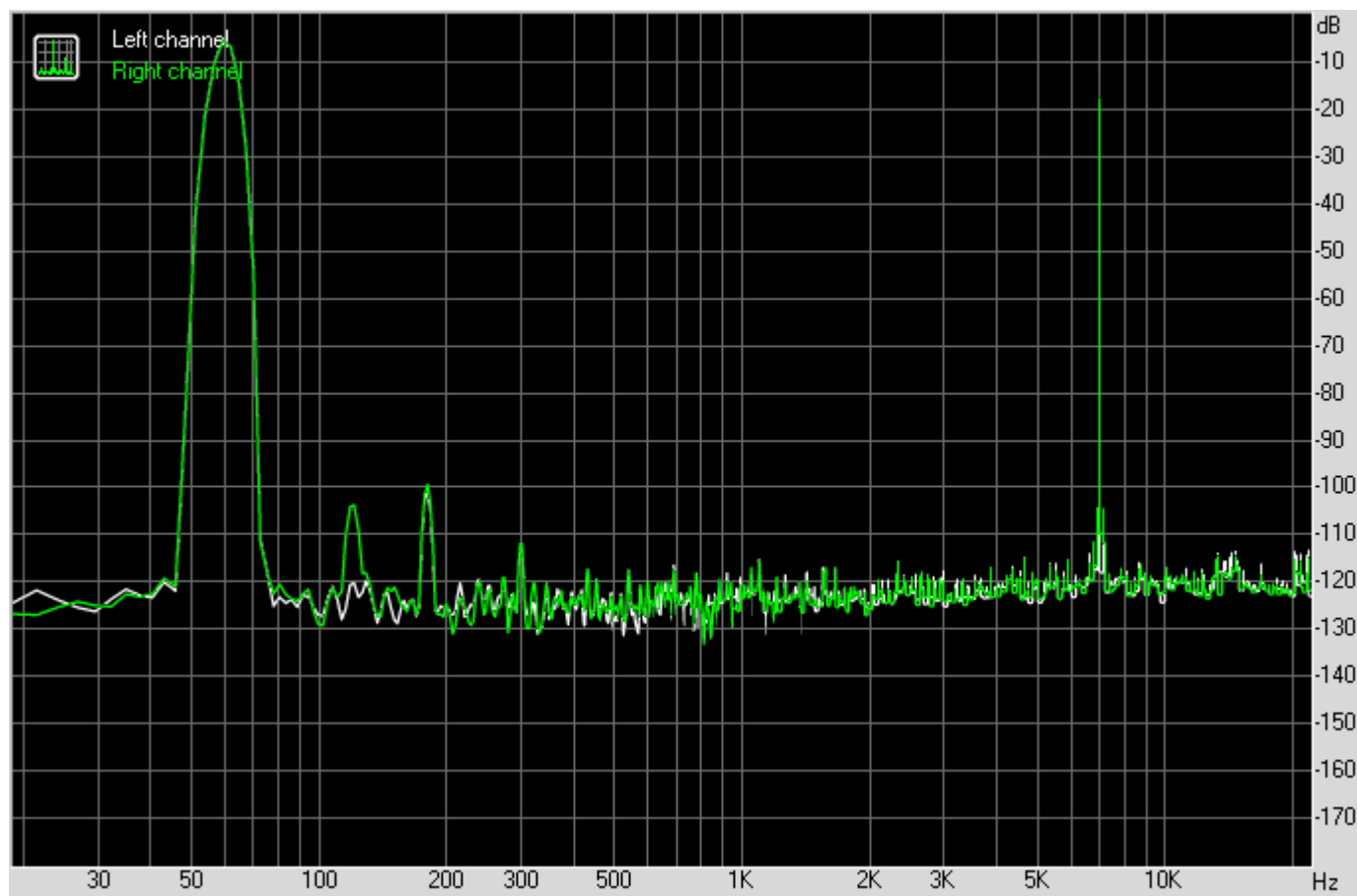
	Left	Right
Dynamic range, dB	+92.3	+92.2
Dynamic range (A-weighted), dB	+93.0	+92.9
DC offset, %	+0.00	+0.00

THD + Noise (at -3 dB FS)



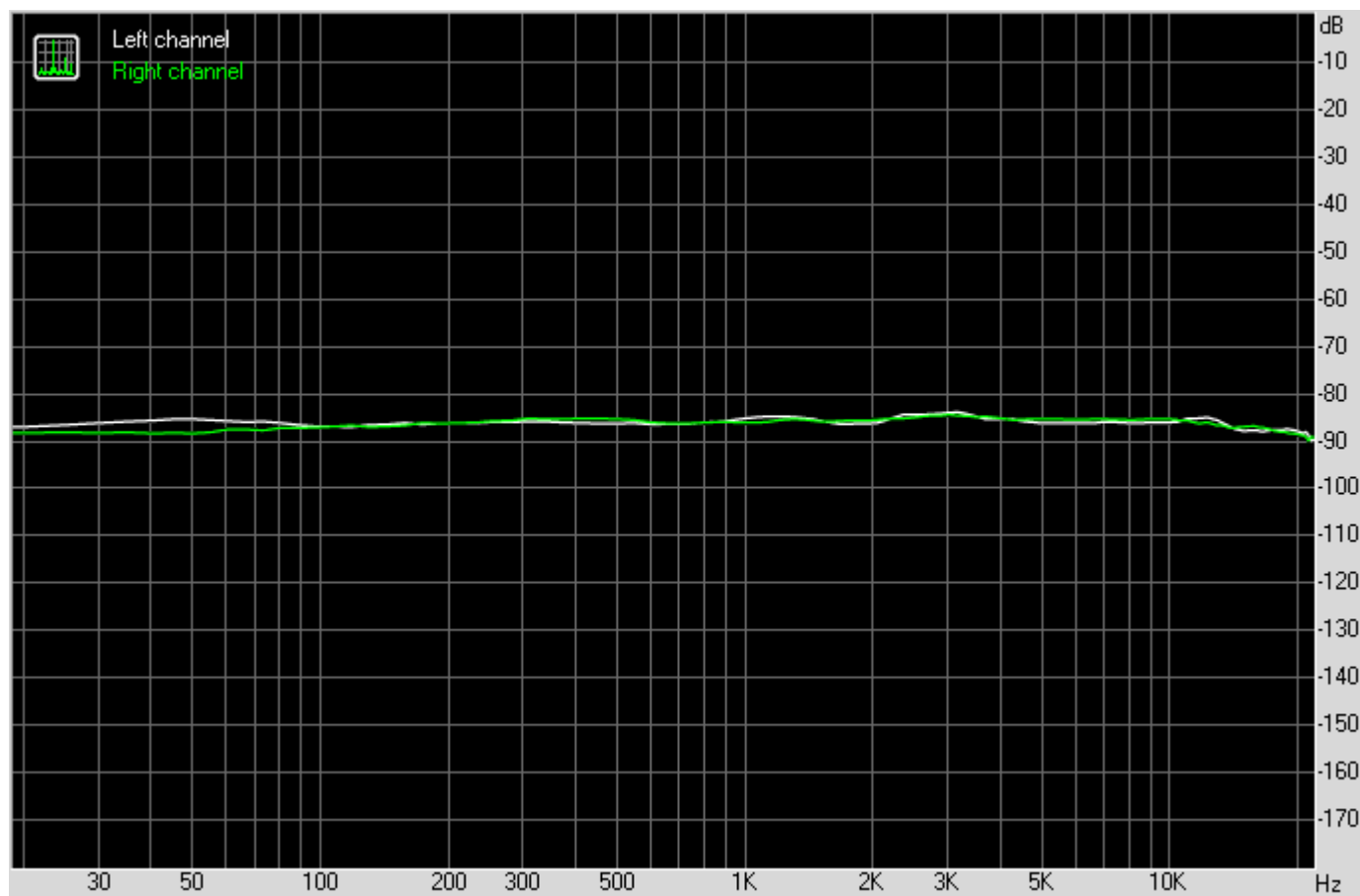
	Left	Right
THD, %	0.00241	0.00316
THD + Noise, %	0.00555	0.00599
THD + Noise (A-weighted), %	0.00538	0.00612

Intermodulation distortion



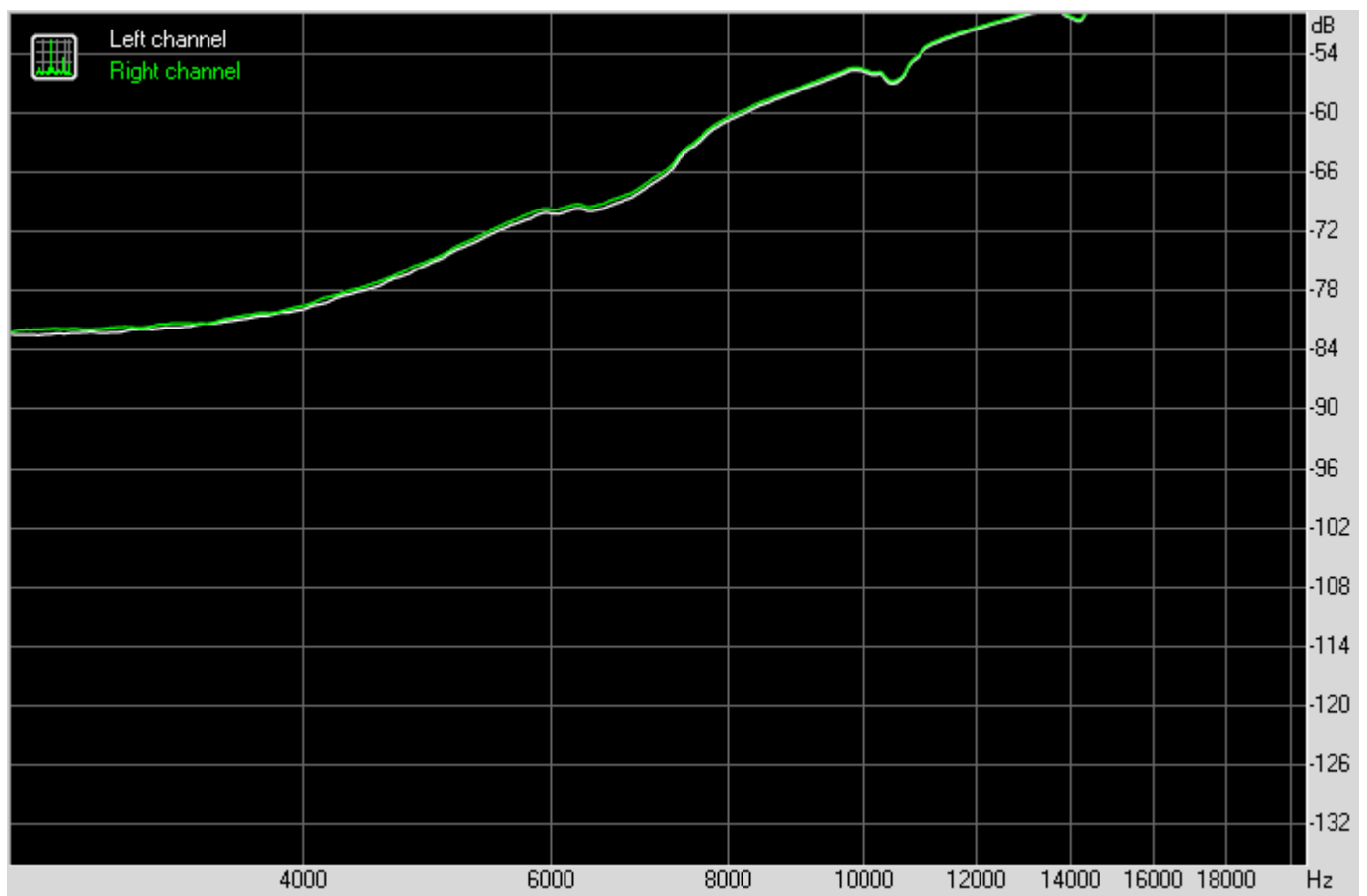
	Left	Right
IMD + Noise, %	0.00677	0.00704
IMD + Noise (A-weighted), %	0.00595	0.00608

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-86	-86
Crosstalk at 1000 Hz, dB	-84	-85
Crosstalk at 10000 Hz, dB	-85	-84

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.01819	0.01888
IMD + Noise at 10000 Hz,	0.16238	0.16745
IMD + Noise at 15000 Hz,	0.41252	0.41905