

RightMark Audio Analyzer test report

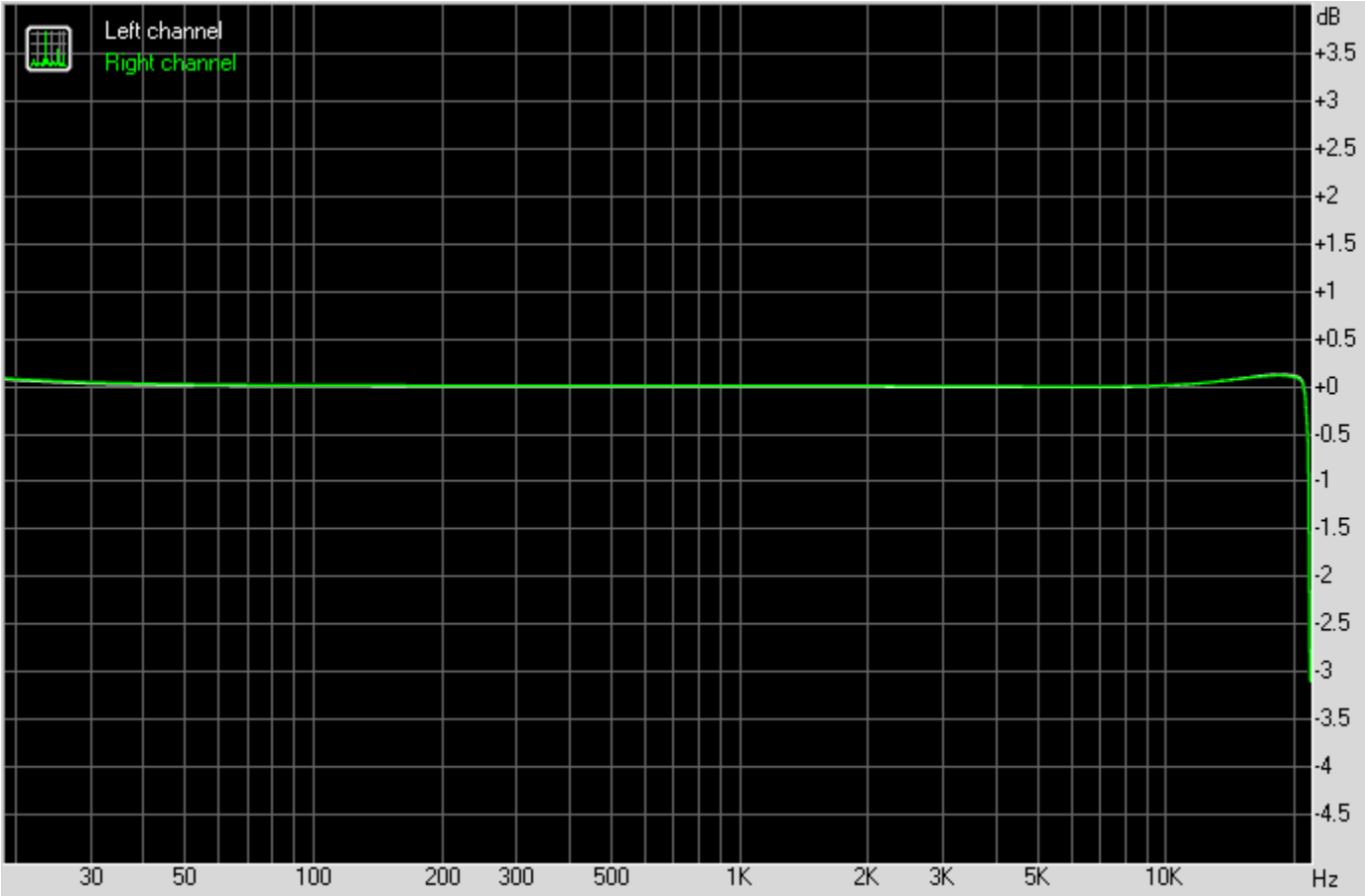
Testing device	[ASIO] Xonar U7 MKII
Sampling mode	32-bit, 44 kHz
Interface	ASIO
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.5

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-2.3 dB / -2.3 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

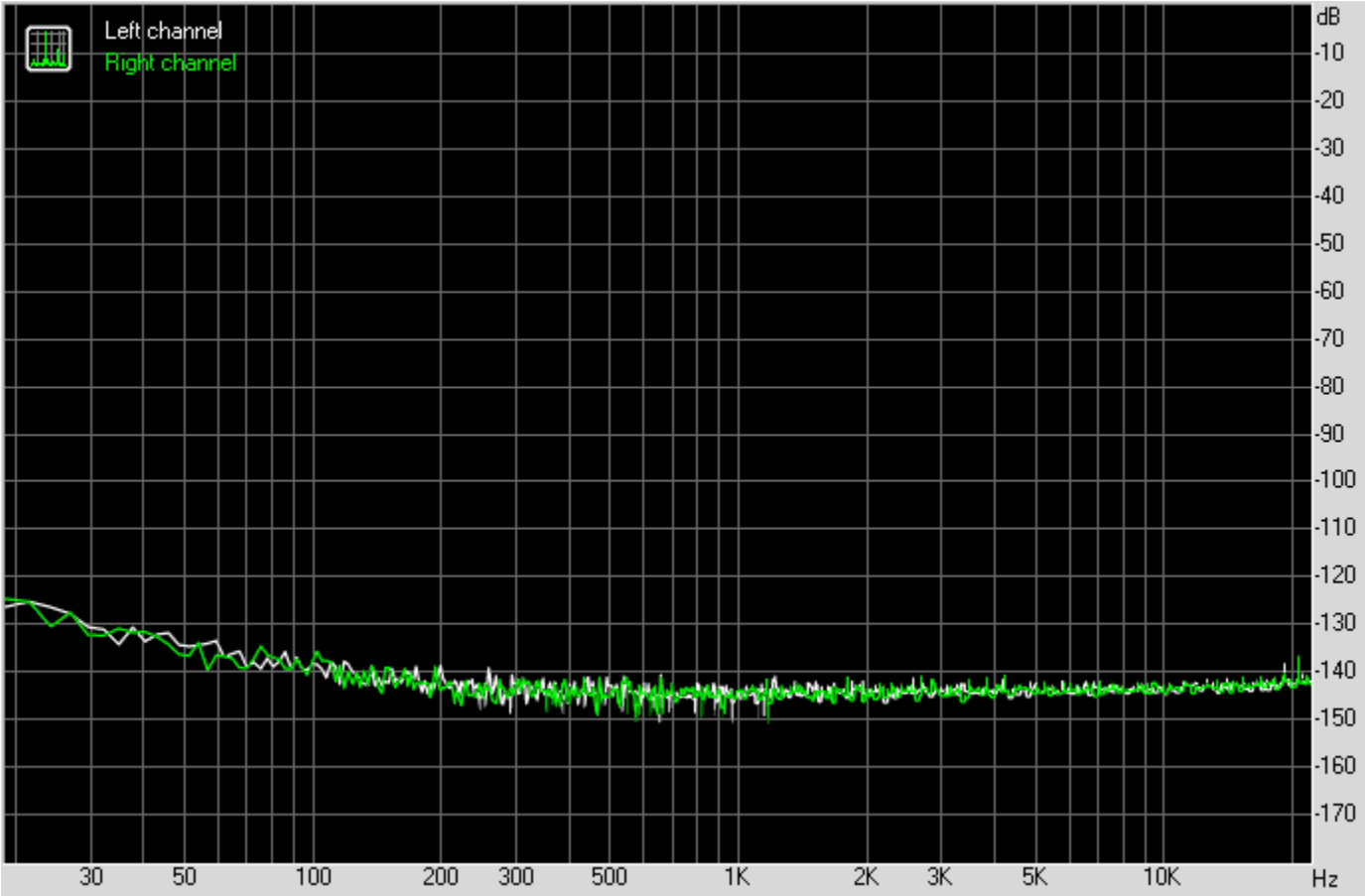
Frequency response (from 40 Hz to 15 kHz), dB	+0.08, -0.01	Excellent
Noise level, dB (A)	-111.6	Excellent
Dynamic range, dB (A)	111.5	Excellent
THD, %	0.00183	Excellent
THD + Noise, dB (A)	-92.2	Very good
IMD + Noise, %	0.00303	Excellent
Stereo crosstalk, dB	-107.3	Excellent
IMD at 10 kHz, %	0.00800	Very good
General performance		Very good

Frequency response



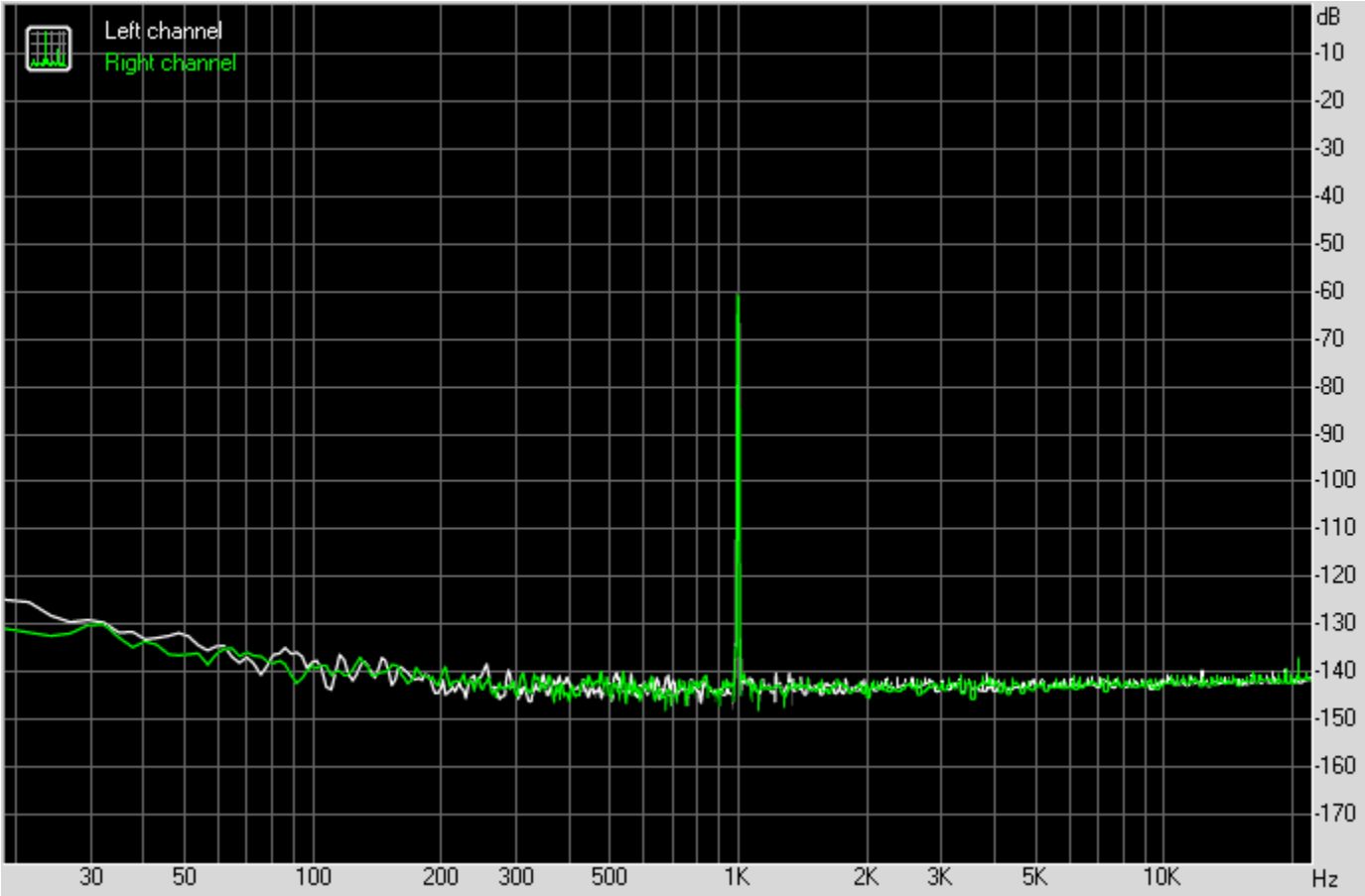
	Left	Right
From 20 Hz to 20 kHz, dB	-0.01, +0.13	-0.00, +0.12
From 40 Hz to 15 kHz, dB	-0.01, +0.08	-0.00, +0.08

Noise level



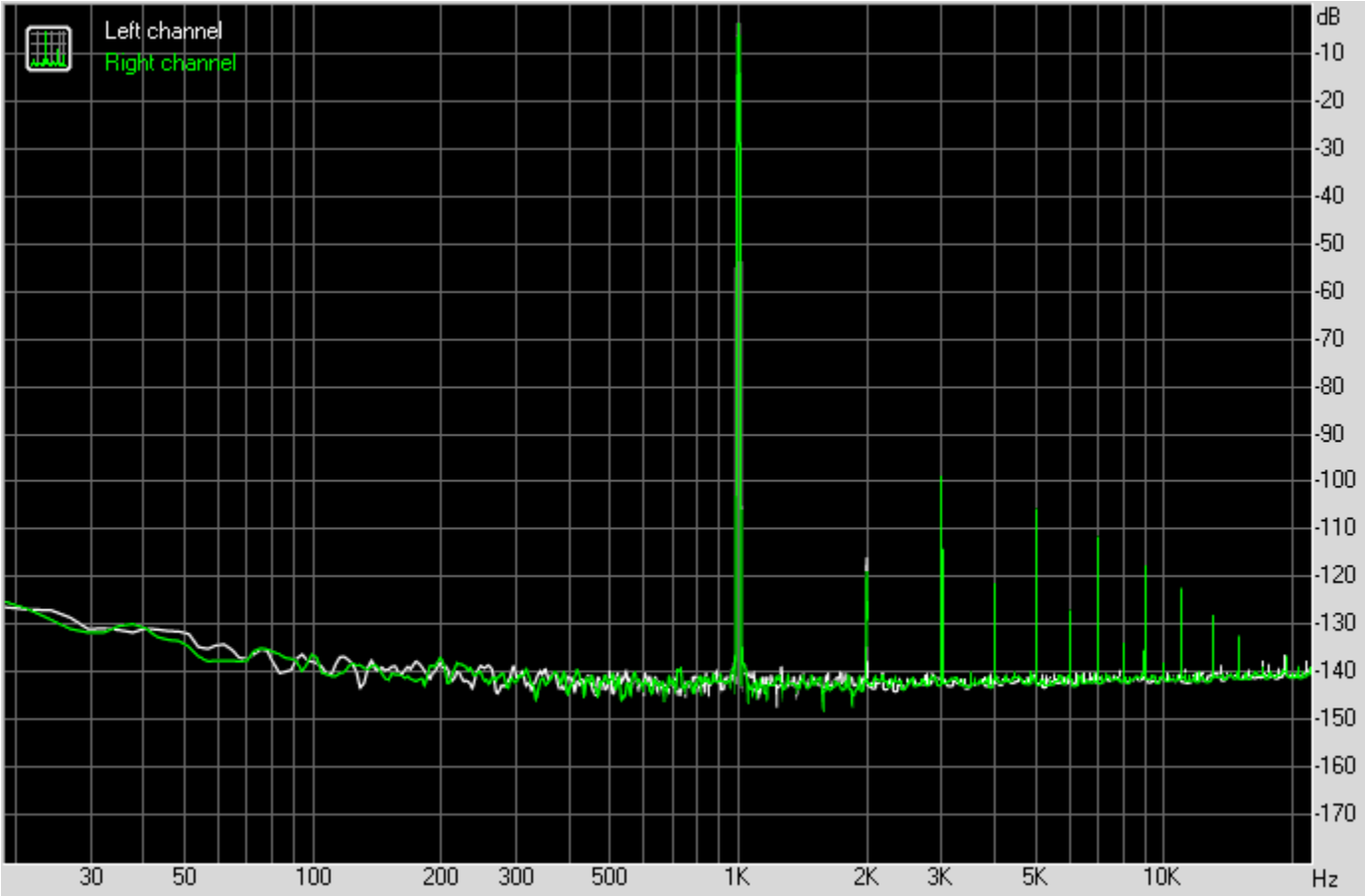
	Left	Right
RMS power, dB	-109.8	-109.9
RMS power (A-weighted), dB	-111.5	-111.6
Peak level, dB FS	-76.0	-76.3
DC offset, %	+0.0	+0.0

Dynamic range



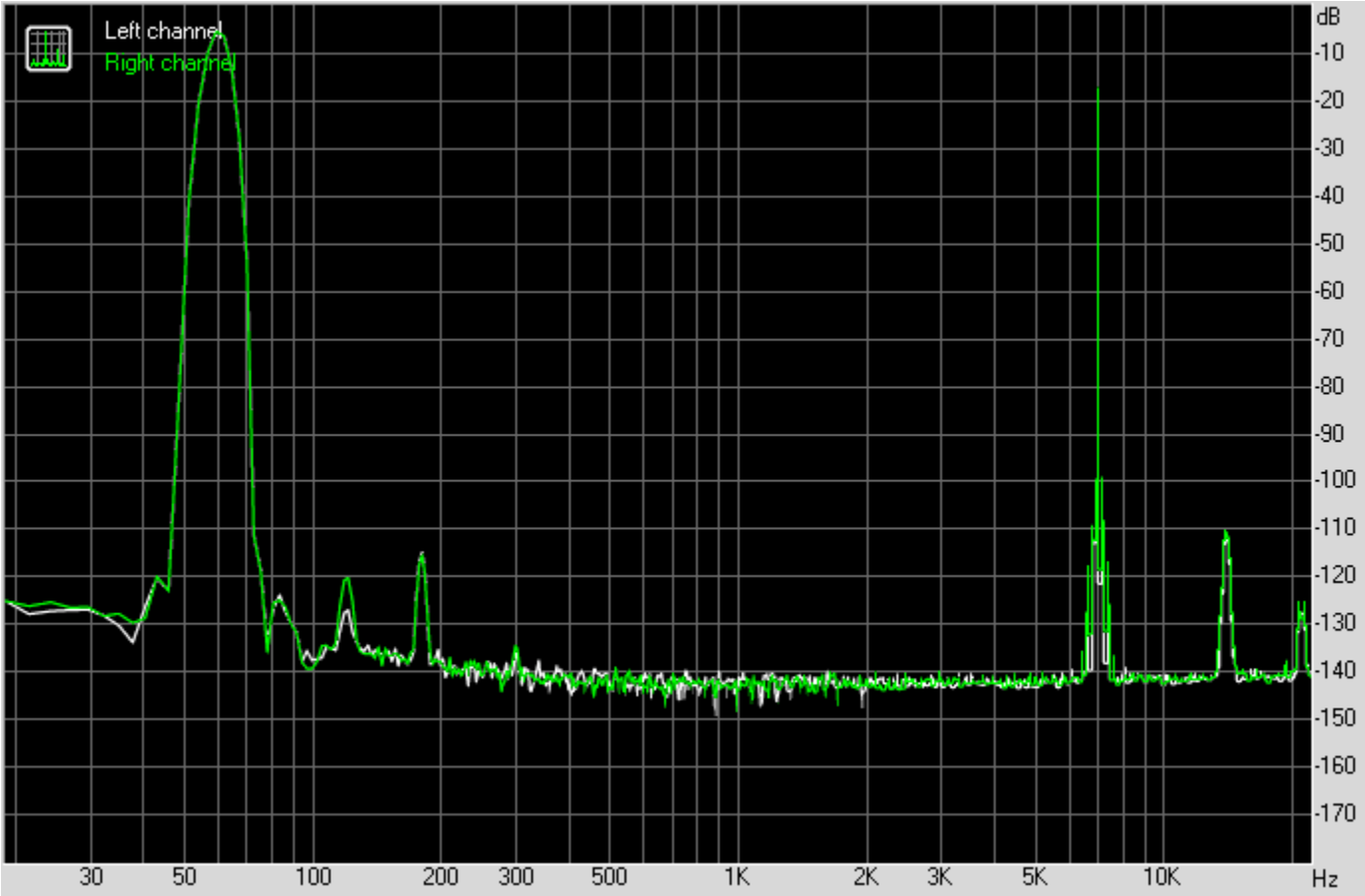
	Left	Right
Dynamic range, dB	+110.2	+110.2
Dynamic range (A-weighted), dB	+111.6	+111.5
DC offset, %	+0.00	+0.00

THD + Noise (at -3 dB FS)



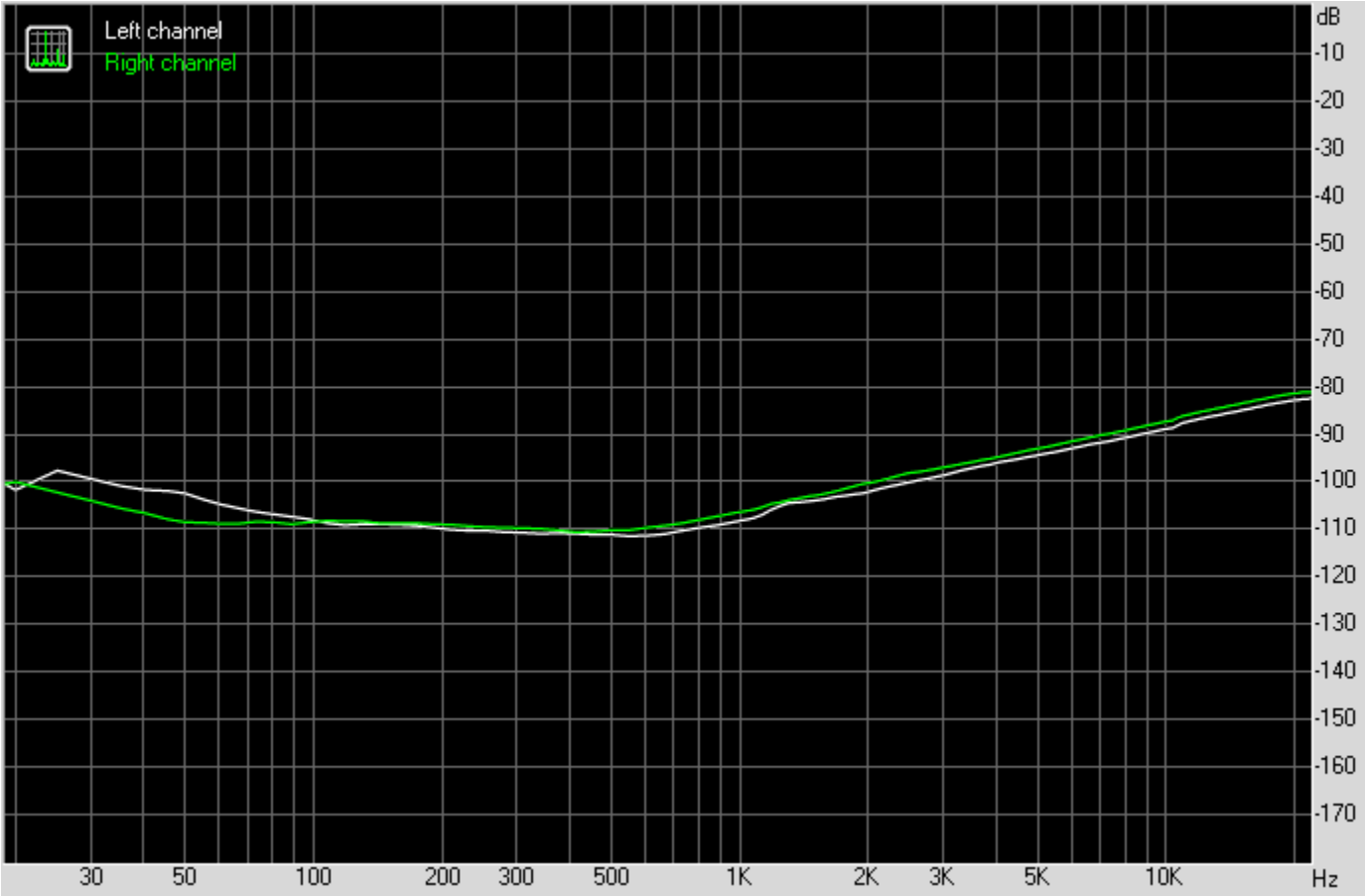
	Left	Right
THD, %	0.00176	0.00189
THD + Noise, %	0.00187	0.00199
THD + Noise (A-weighted), %	0.00238	0.00254

Intermodulation distortion



	Left	Right
IMD + Noise, %	0.00291	0.00314
IMD + Noise (A-weighted), %	0.00276	0.00298

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-107	-108
Crosstalk at 1000 Hz, dB	-107	-105
Crosstalk at 10000 Hz, dB	-88	-86

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.00867	0.00937
IMD + Noise at 10000 Hz,	0.00562	0.00602
IMD + Noise at 15000 Hz,	0.00886	0.00947