

RightMark Audio Analyzer test report

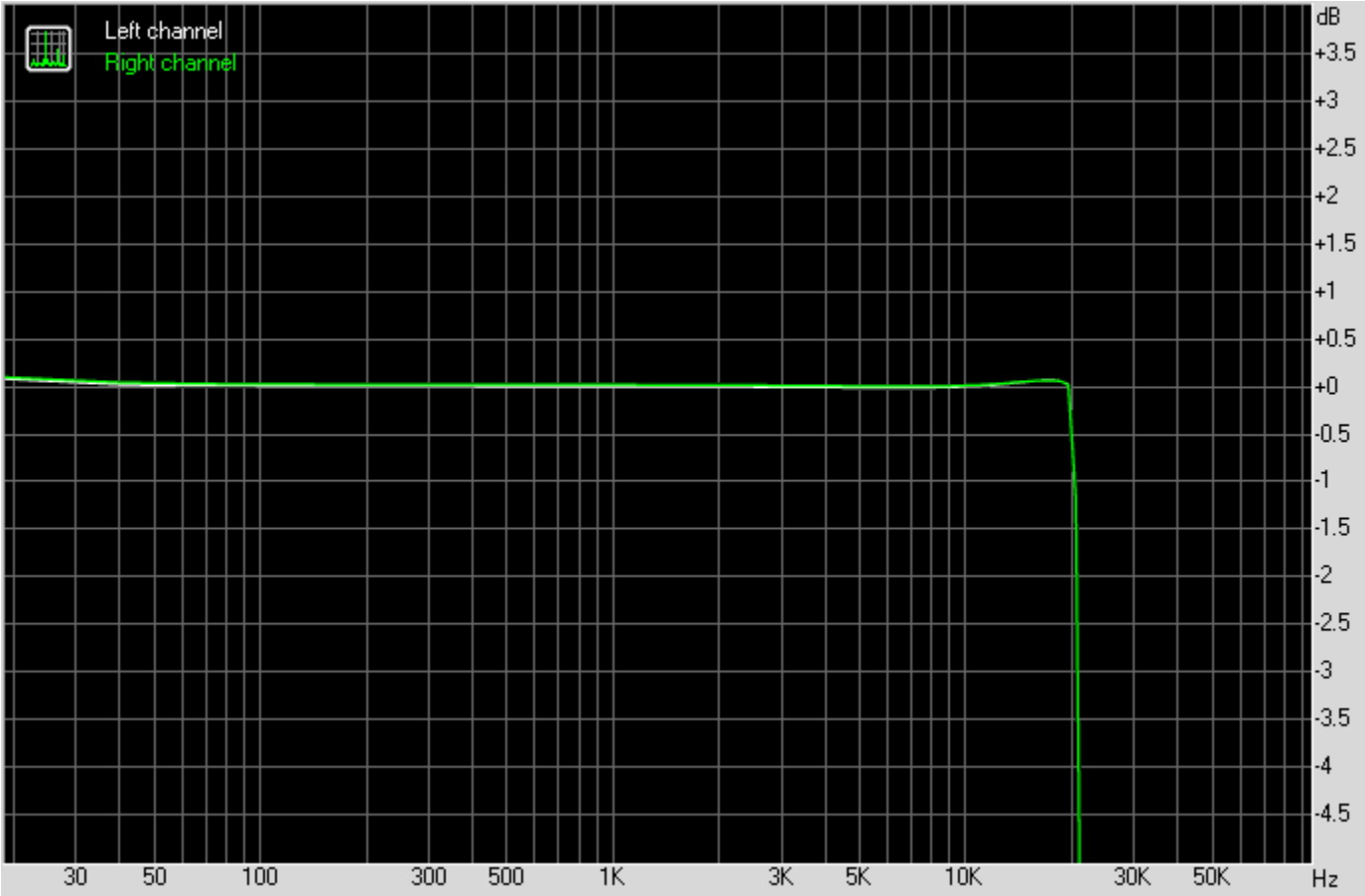
Testing device	[ММЕ] Динамики (Xonar U7 MKII)
Sampling mode	24-bit, 192 kHz
Interface	MME
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.5

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-2.7 dB / -2.7 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

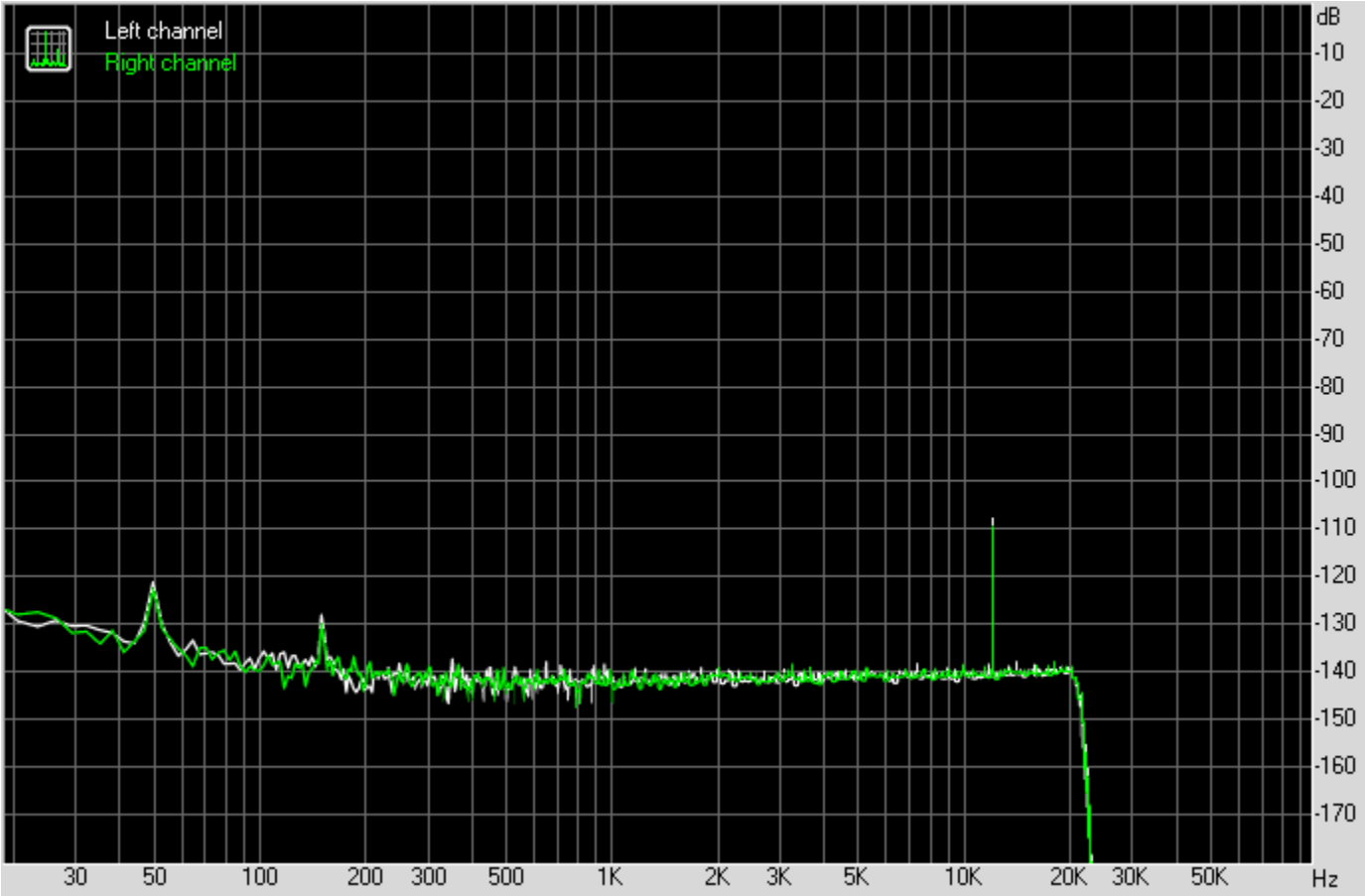
Frequency response (from 40 Hz to 15 kHz), dB	+0.05, -0.01	Excellent
Noise level, dB (A)	-108.1	Excellent
Dynamic range, dB (A)	108.0	Excellent
THD, %	0.00262	Excellent
THD + Noise, dB (A)	-89.2	Good
IMD + Noise, %	0.00485	Excellent
Stereo crosstalk, dB	-90.6	Excellent
IMD at 10 kHz, %	0.00947	Very good
General performance		Very good

Frequency response



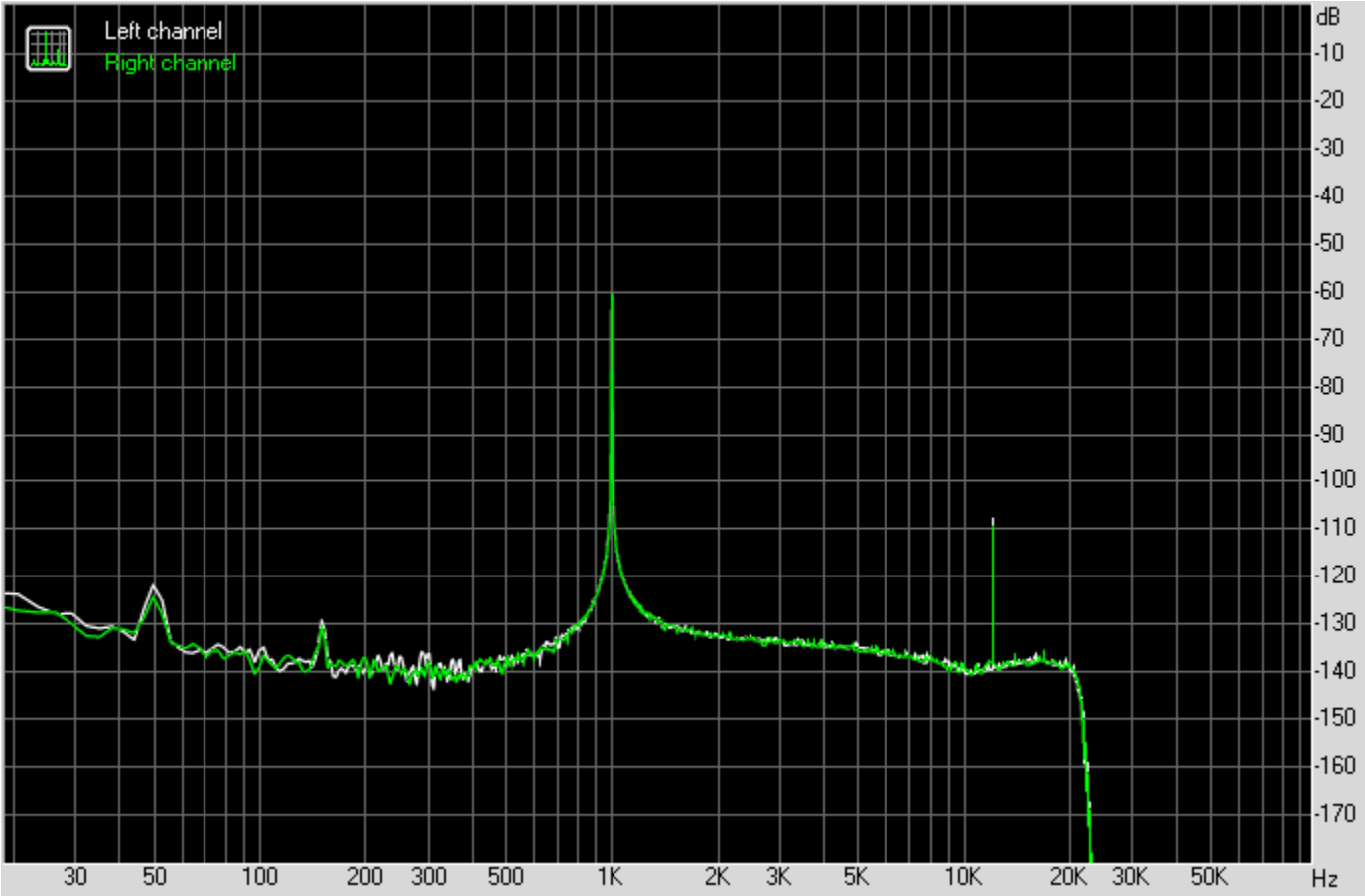
	Left	Right
From 20 Hz to 20 kHz, dB	-0.57, +0.08	-0.58, +0.09
From 40 Hz to 15 kHz, dB	-0.01, +0.05	+0.00, +0.05

Noise level



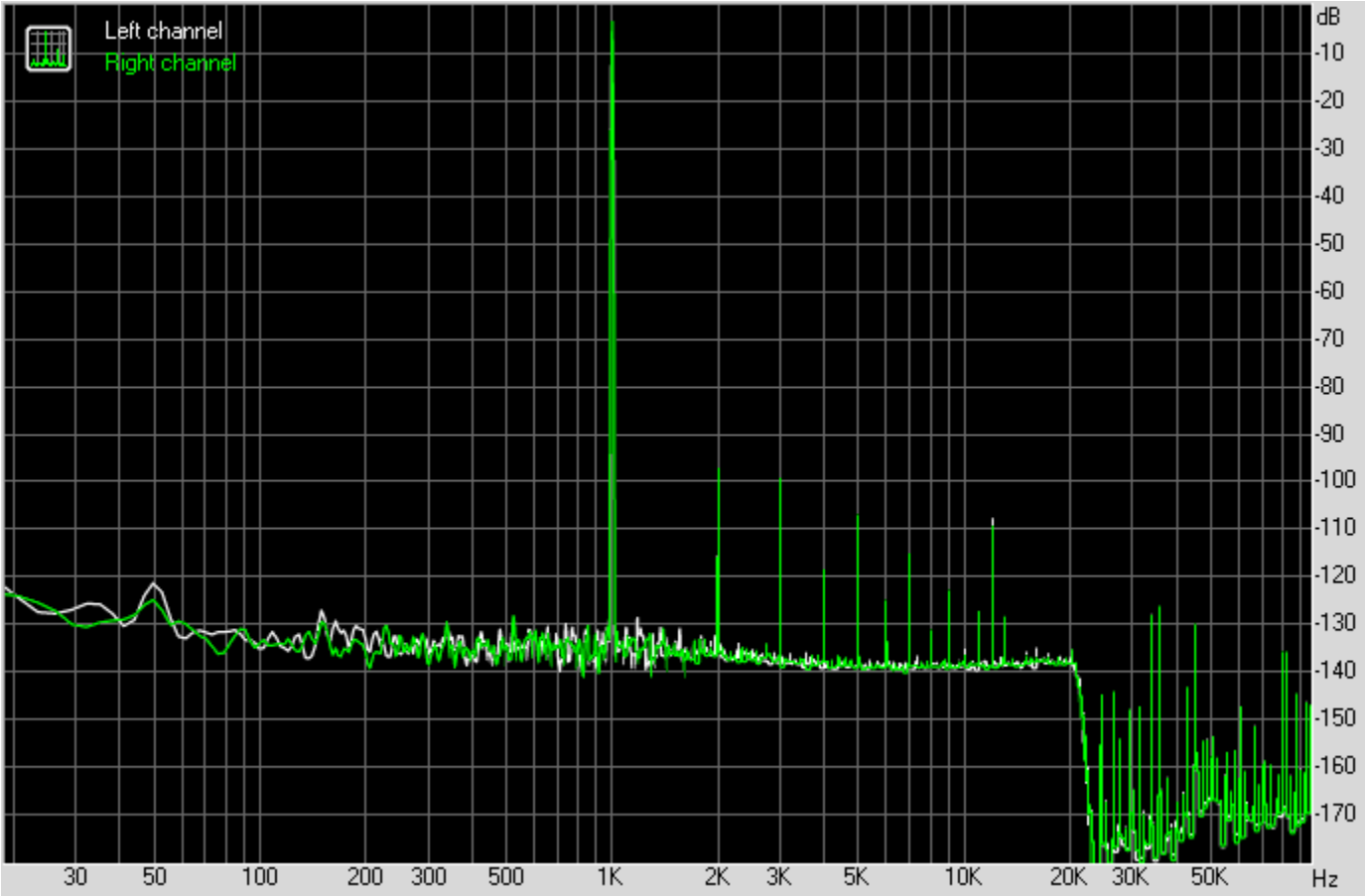
	Left	Right
RMS power, dB	-105.7	-106.3
RMS power (A-weighted), dB	-107.9	-108.3
Peak level, dB FS	-78.0	-78.8
DC offset, %	-0.0	-0.0

Dynamic range



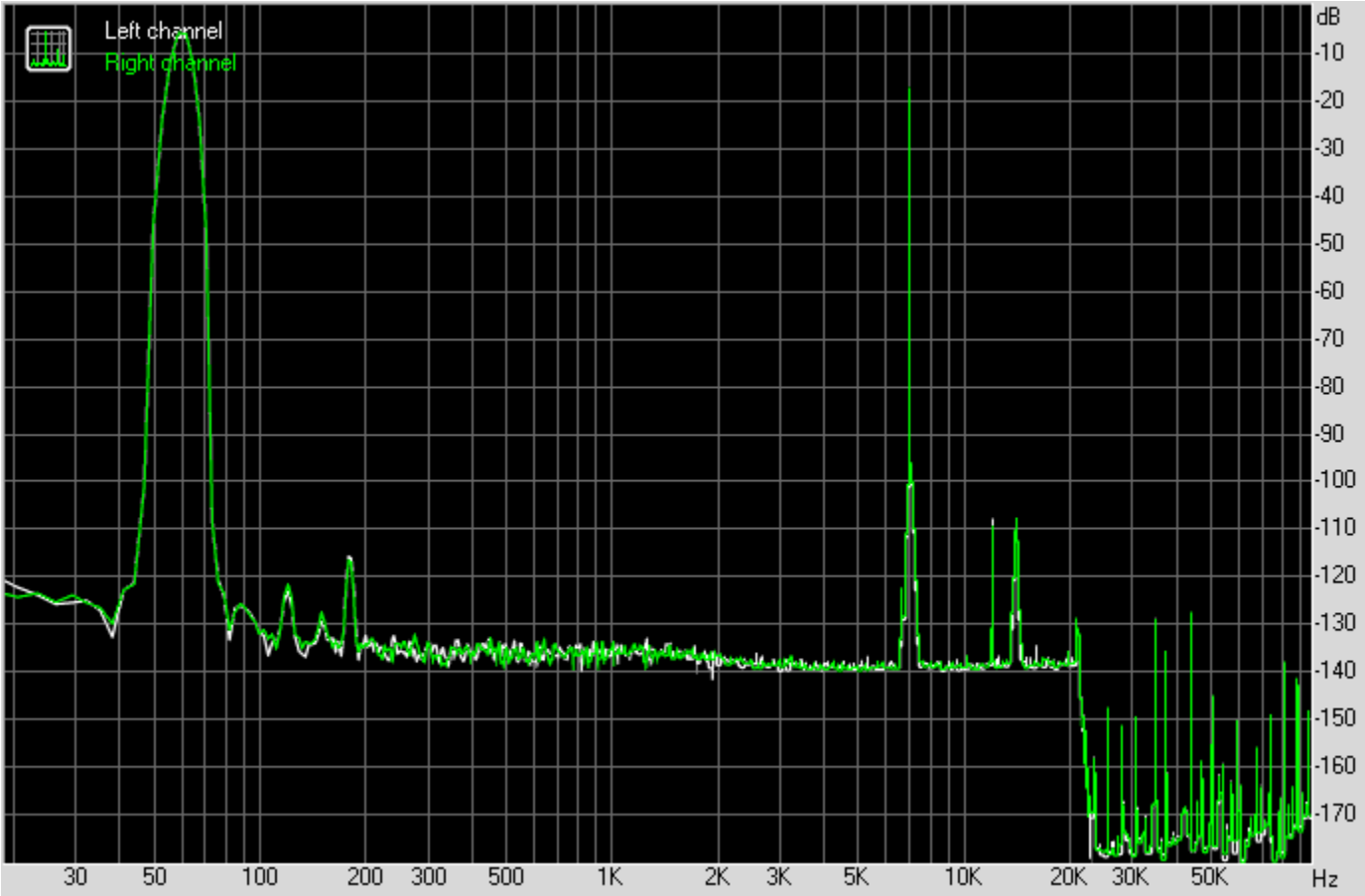
	Left	Right
Dynamic range, dB	+105.9	+106.4
Dynamic range (A-weighted), dB	+107.9	+108.2
DC offset, %	-0.00	+0.00

THD + Noise (at -3 dB FS)



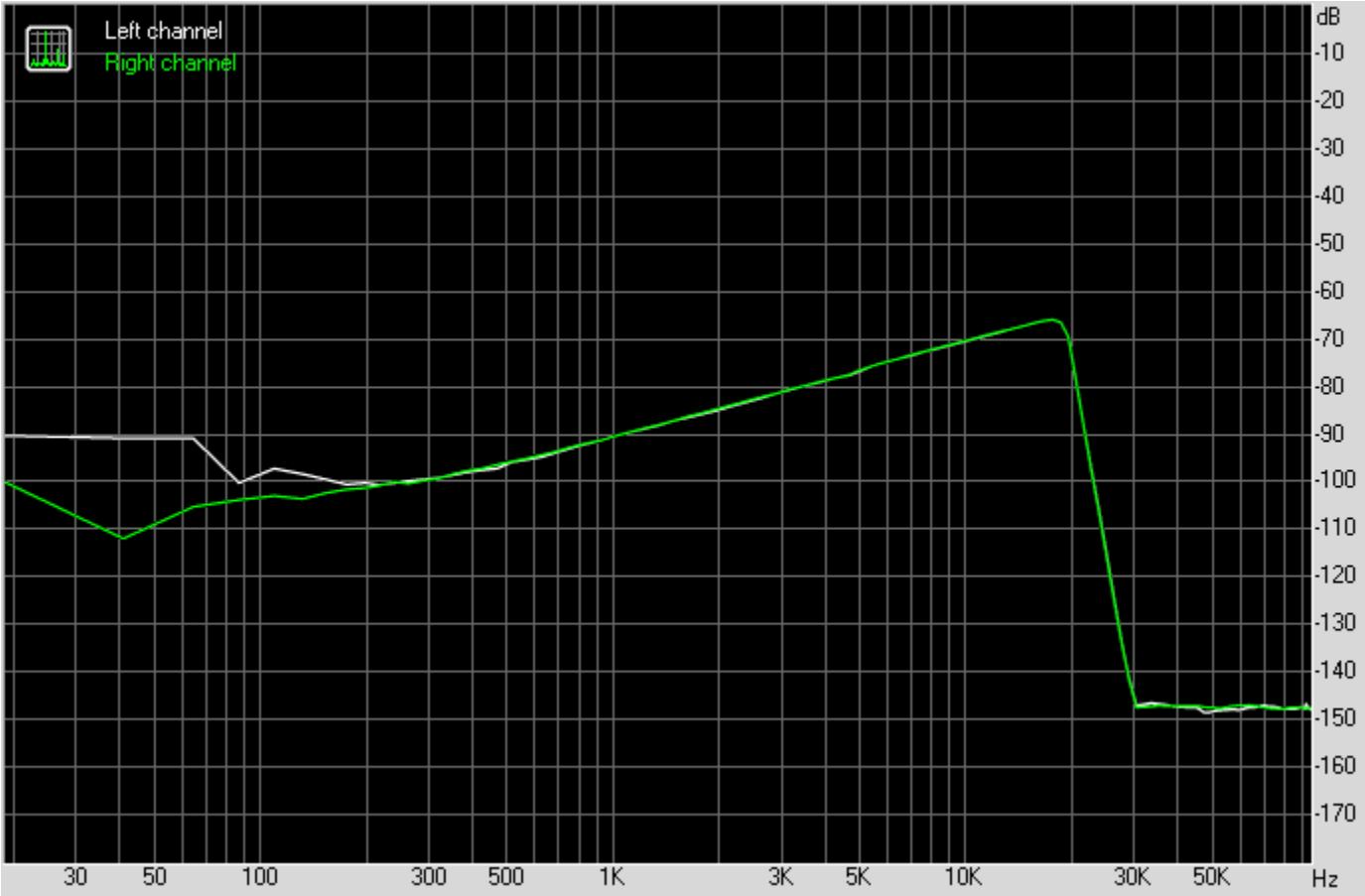
	Left	Right
THD, %	0.00260	0.00264
THD + Noise, %	0.00276	0.00279
THD + Noise (A-weighted), %	0.00344	0.00351

Intermodulation distortion



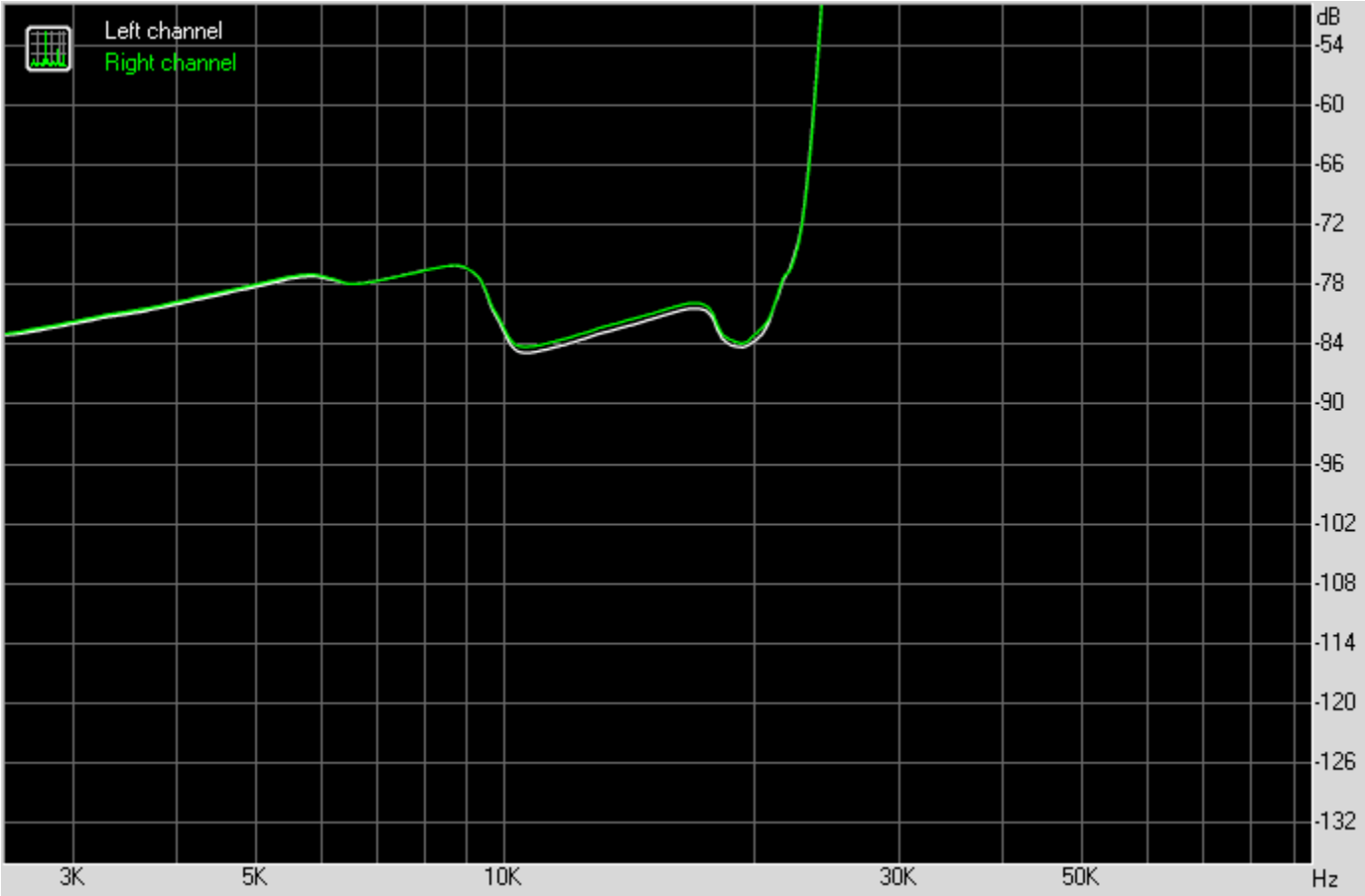
	Left	Right
IMD + Noise, %	0.00482	0.00489
IMD + Noise (A-weighted), %	0.00467	0.00474

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-97	-102
Crosstalk at 1000 Hz, dB	-90	-90
Crosstalk at 10000 Hz, dB	-69	-69

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.01229	0.01260
IMD + Noise at 10000 Hz,	0.00710	0.00745
IMD + Noise at 15000 Hz,	0.00843	0.00896