

RightMark Audio Analyzer test report

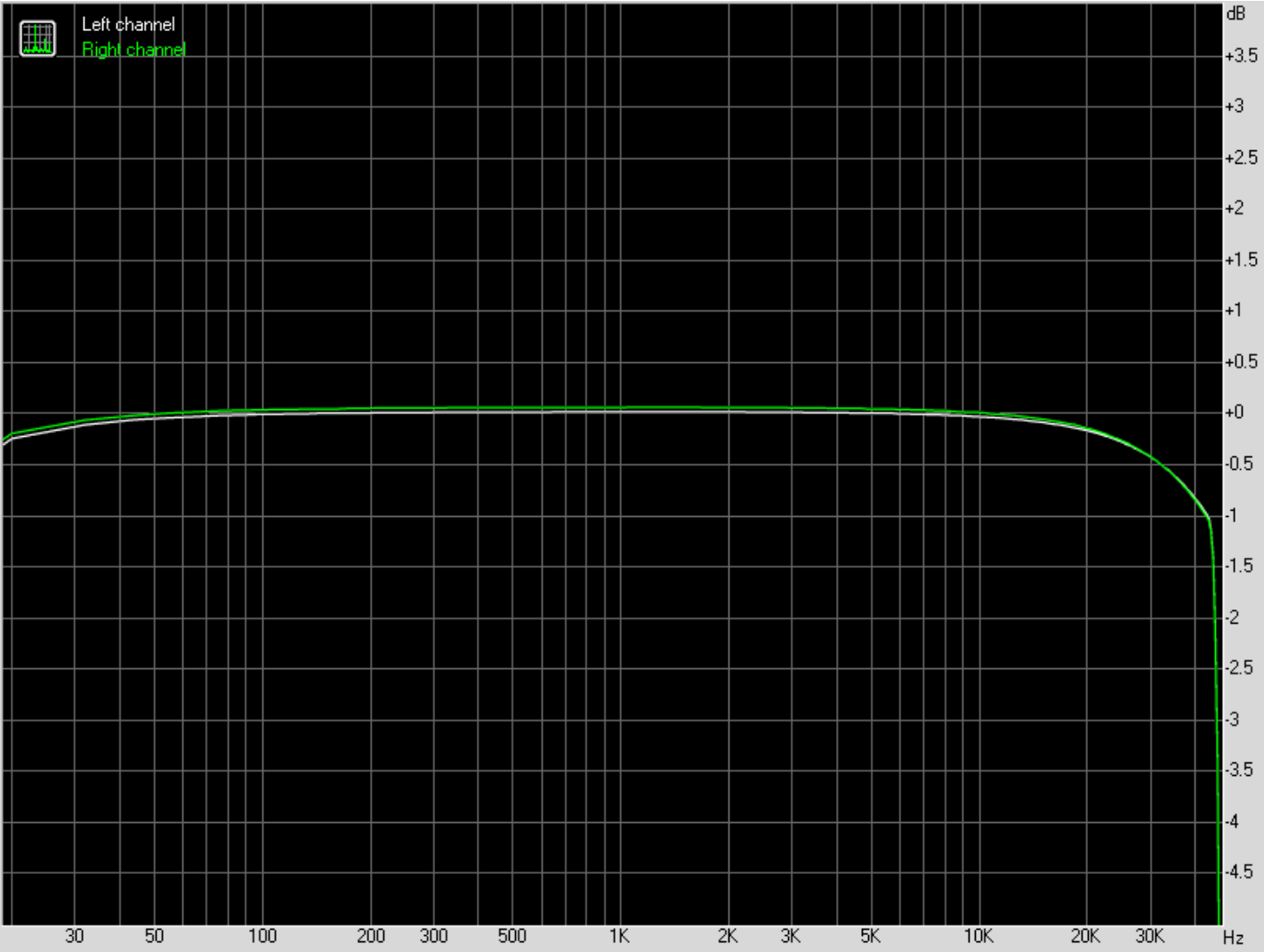
Testing device	7293
Sampling mode	24-bit, 96 kHz
Interface	
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.5

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

Summary

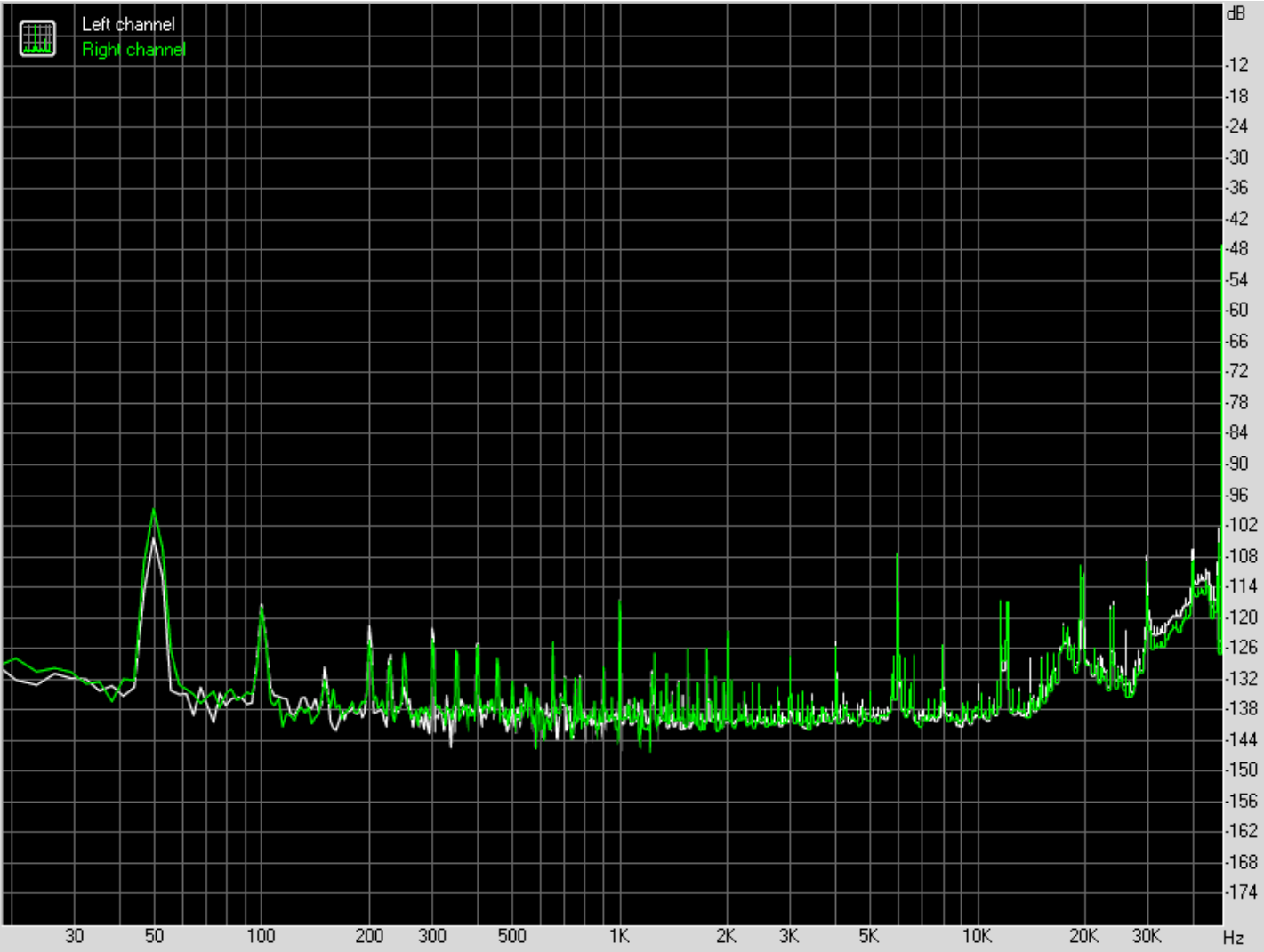
Frequency response (from 40 Hz to 15 kHz), dB	+0.06, -0.05	Excellent
Noise level, dB (A)	-103.3	Excellent
Dynamic range, dB (A)	103.5	Excellent
THD, %	0.00356	Very good
THD + Noise, dB (A)	-86.3	Good
IMD + Noise, %	0.00753	Excellent
Stereo crosstalk, dB	-90.1	Excellent
IMD at 10 kHz, %	0.013	Very good
General performance		Very good

Frequency response



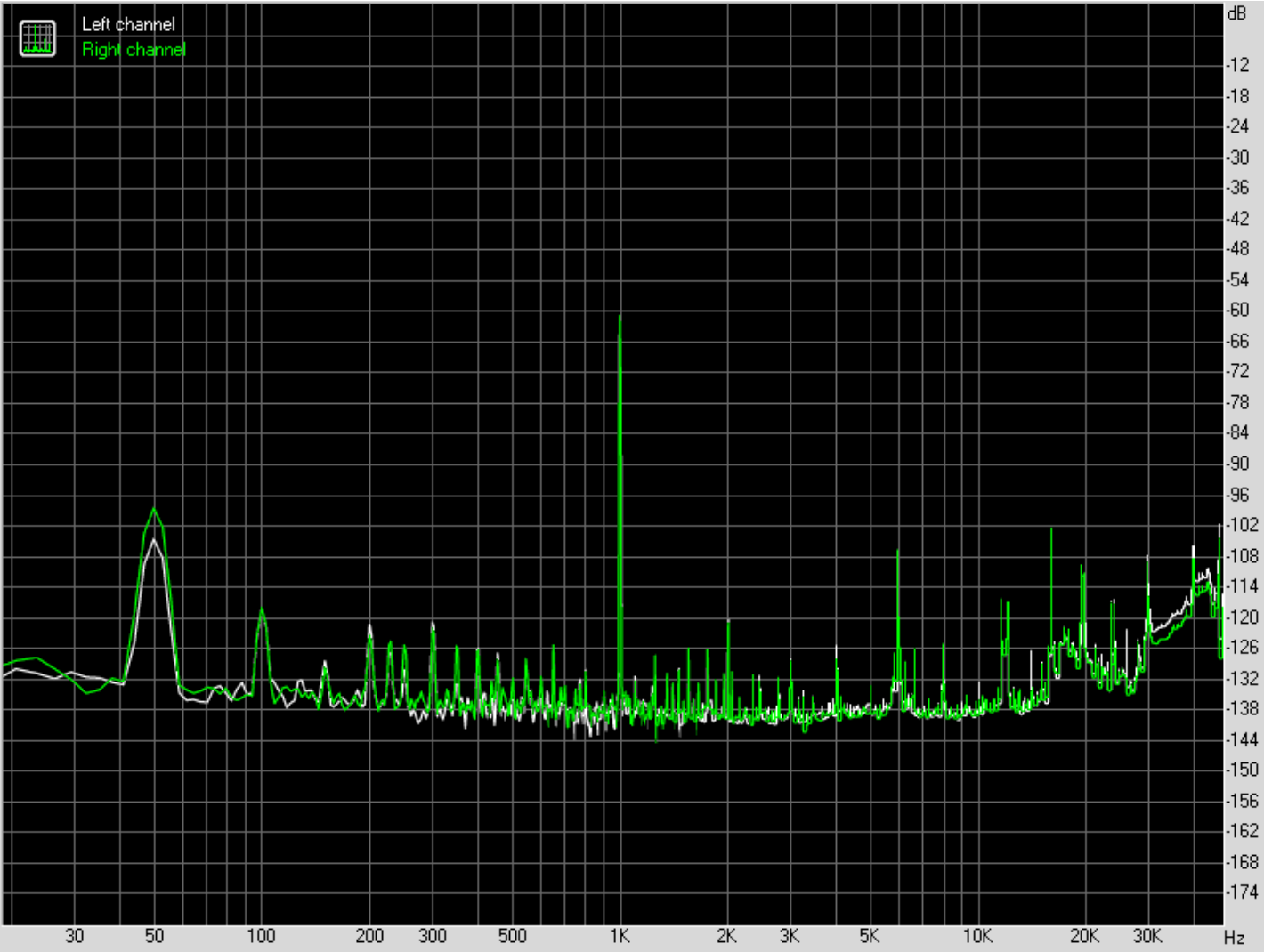
	Left	Right
From 20 Hz to 20 kHz, dB	-0.28, +0.02	-0.23, +0.06
From 40 Hz to 15 kHz, dB	-0.09, +0.02	-0.05, +0.06

Noise level



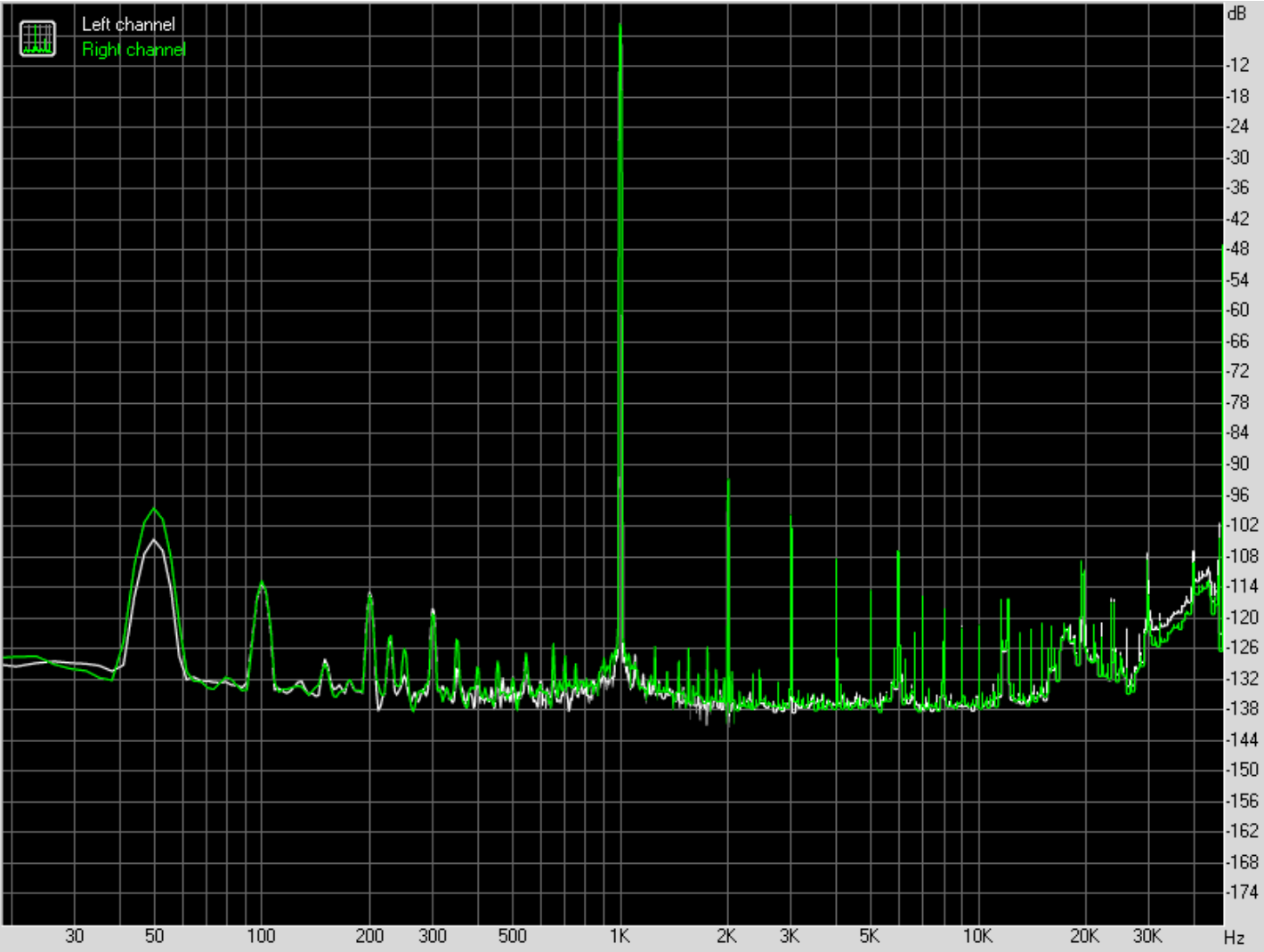
	Left	Right
RMS power, dB	-100.3	-97.9
RMS power (A-weighted), dB	-103.6	-103.0
Peak level, dB FS	-76.9	-78.6
DC offset, %	+0.0	+0.0

Dynamic range



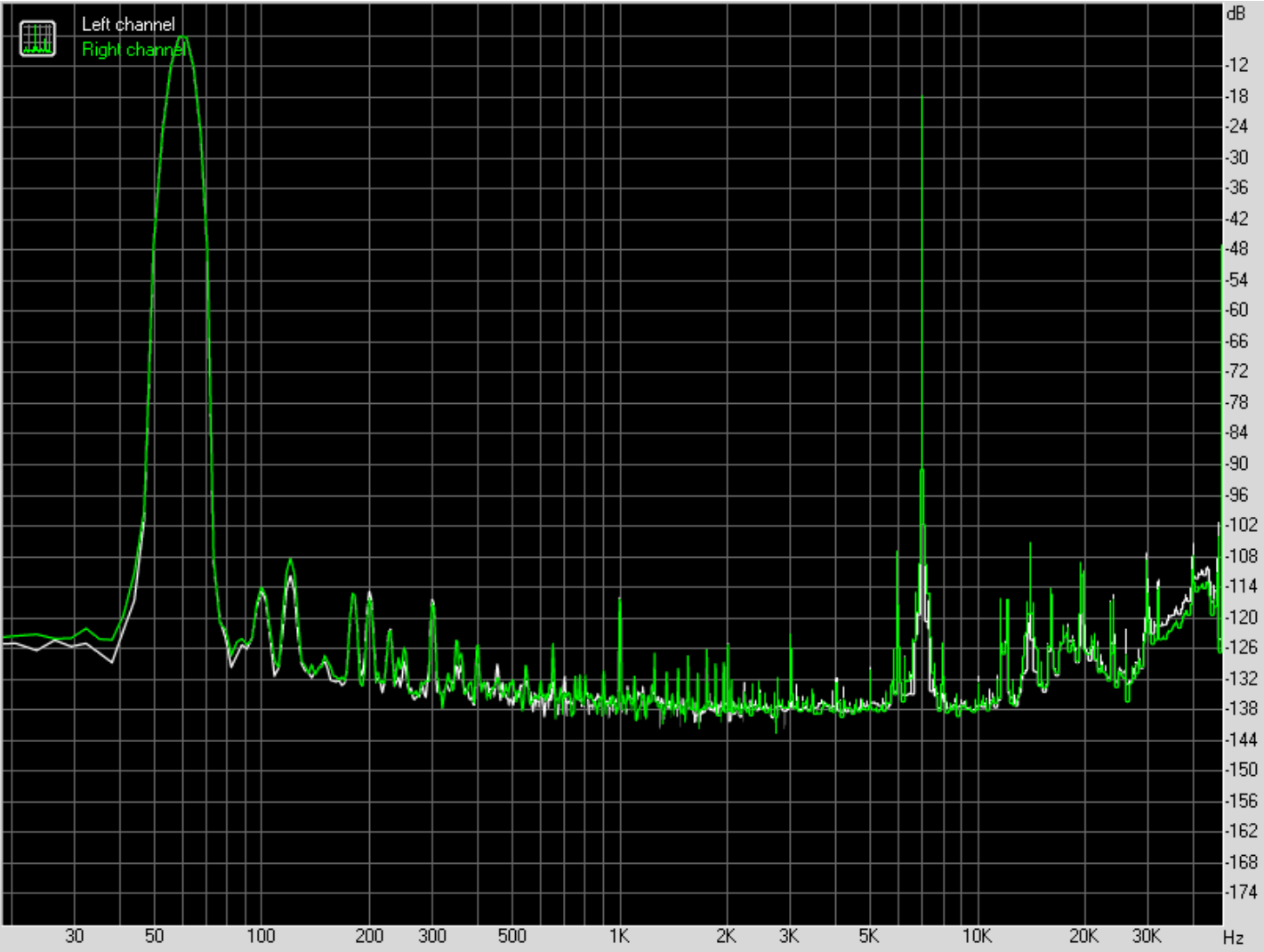
	Left	Right
Dynamic range, dB	+100.5	+98.1
Dynamic range (A-weighted), dB	+103.8	+103.3
DC offset, %	+0.00	+0.00

THD + Noise (at -3 dB FS)



	Left	Right
THD, %	0.00315	0.00396
THD + Noise, %	0.00377	0.00483
THD + Noise (A-weighted), %	0.00430	0.00535

Intermodulation distortion



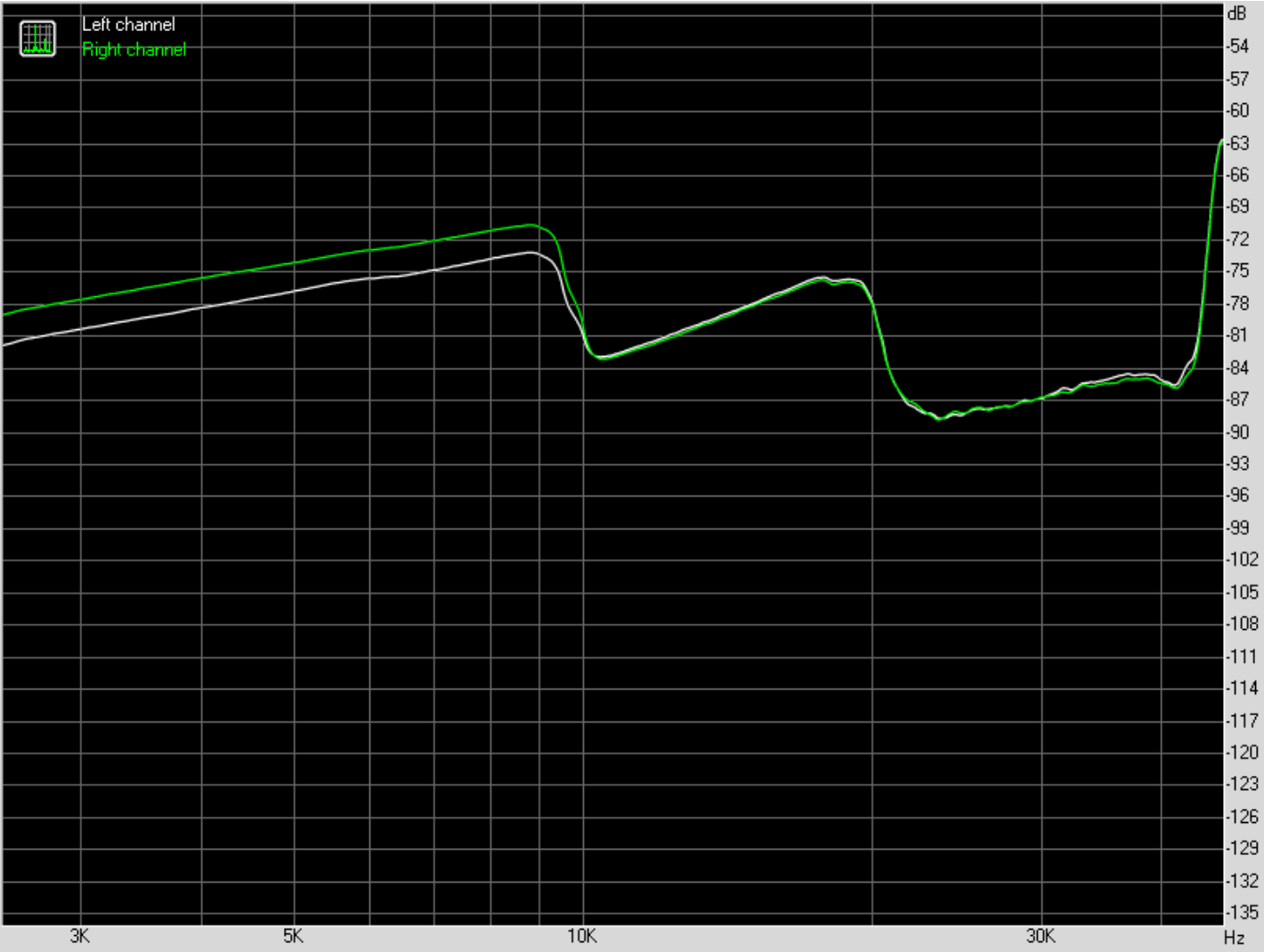
	Left	Right
IMD + Noise, %	0.00653	0.00854
IMD + Noise (A-weighted), %	0.00611	0.00801

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-85	-98
Crosstalk at 1000 Hz, dB	-93	-85
Crosstalk at 10000 Hz, dB	-70	-65

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.01447	0.01967
IMD + Noise at 10000 Hz,	0.00893	0.00987
IMD + Noise at 15000 Hz,	0.01261	0.01233