

RightMark Audio Analyzer test report

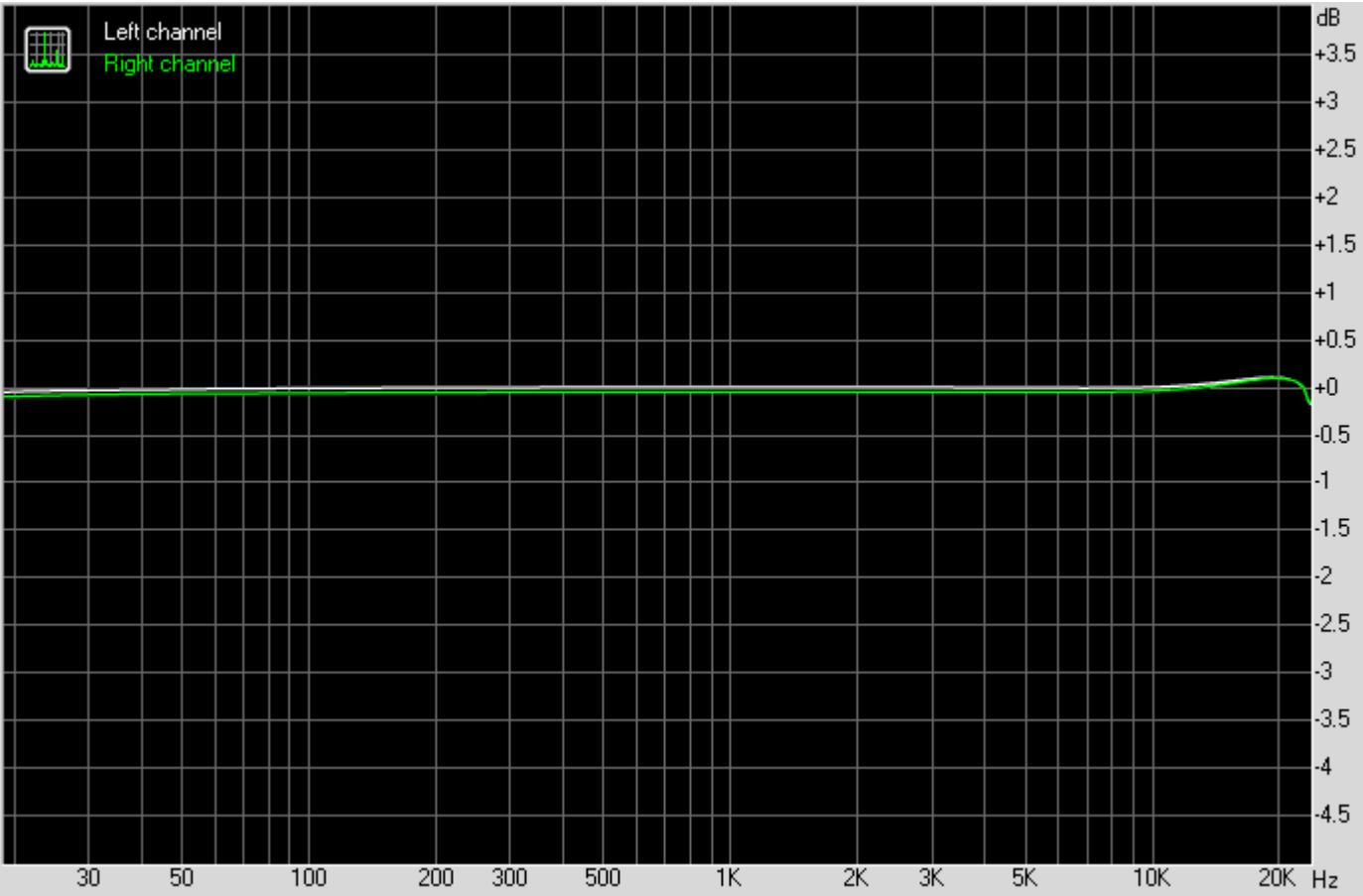
Testing device	[ASIO] Focusrite USB ASIO
Sampling mode	24-bit, 48 kHz
Interface	ASIO
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.5

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-5.9 dB / -6.0 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

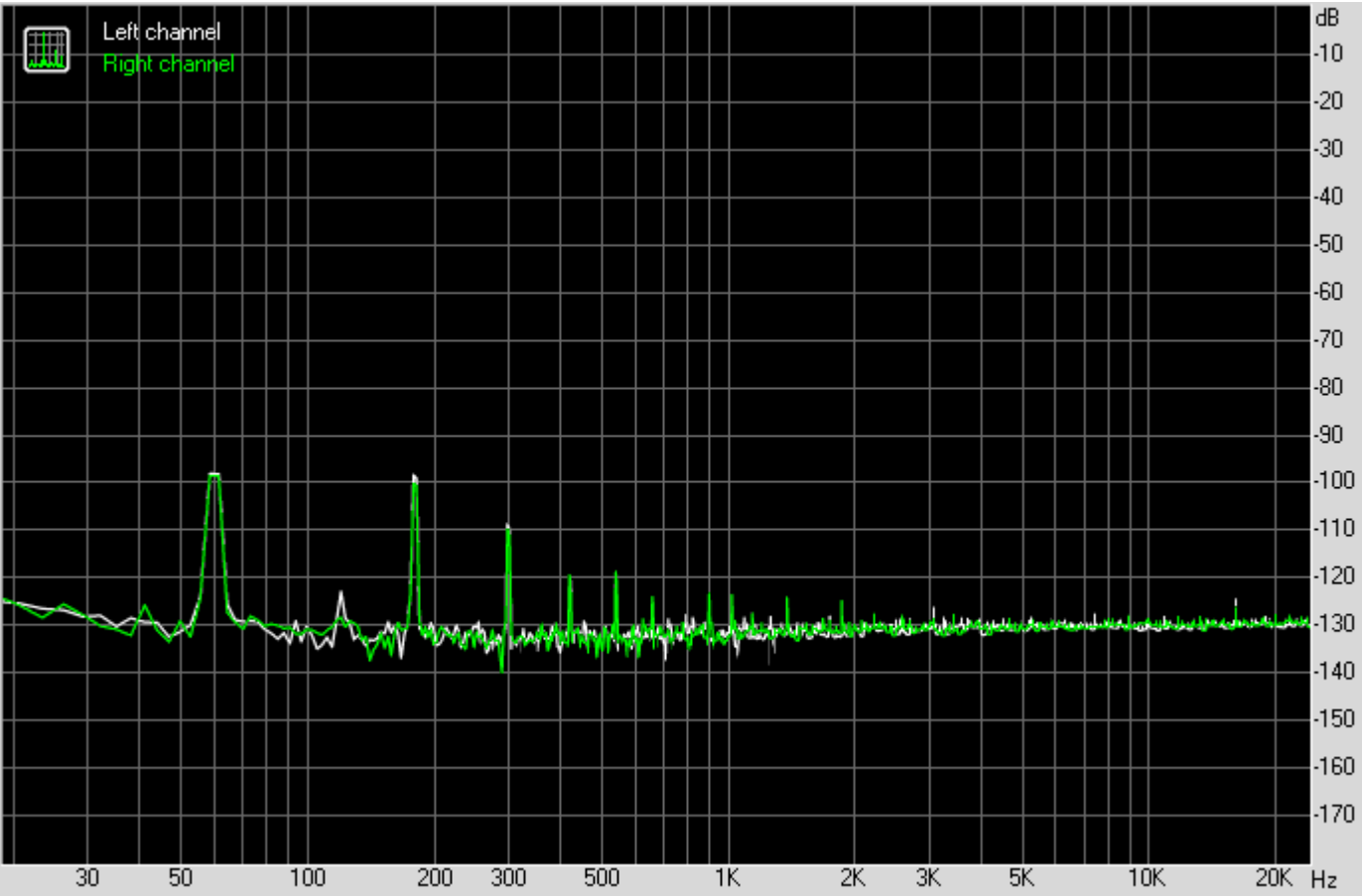
Frequency response (from 40 Hz to 15 kHz), dB	+0.03, -0.07	Excellent
Noise level, dB (A)	-98.1	Excellent
Dynamic range, dB (A)	98.1	Excellent
THD, %	0.00086	Excellent
THD + Noise, dB (A)	-90.2	Very good
IMD + Noise, %	0.00479	Excellent
Stereo crosstalk, dB	-75.3	Very good
IMD at 10 kHz, %	0.00463	Excellent
General performance		Very good

Frequency response



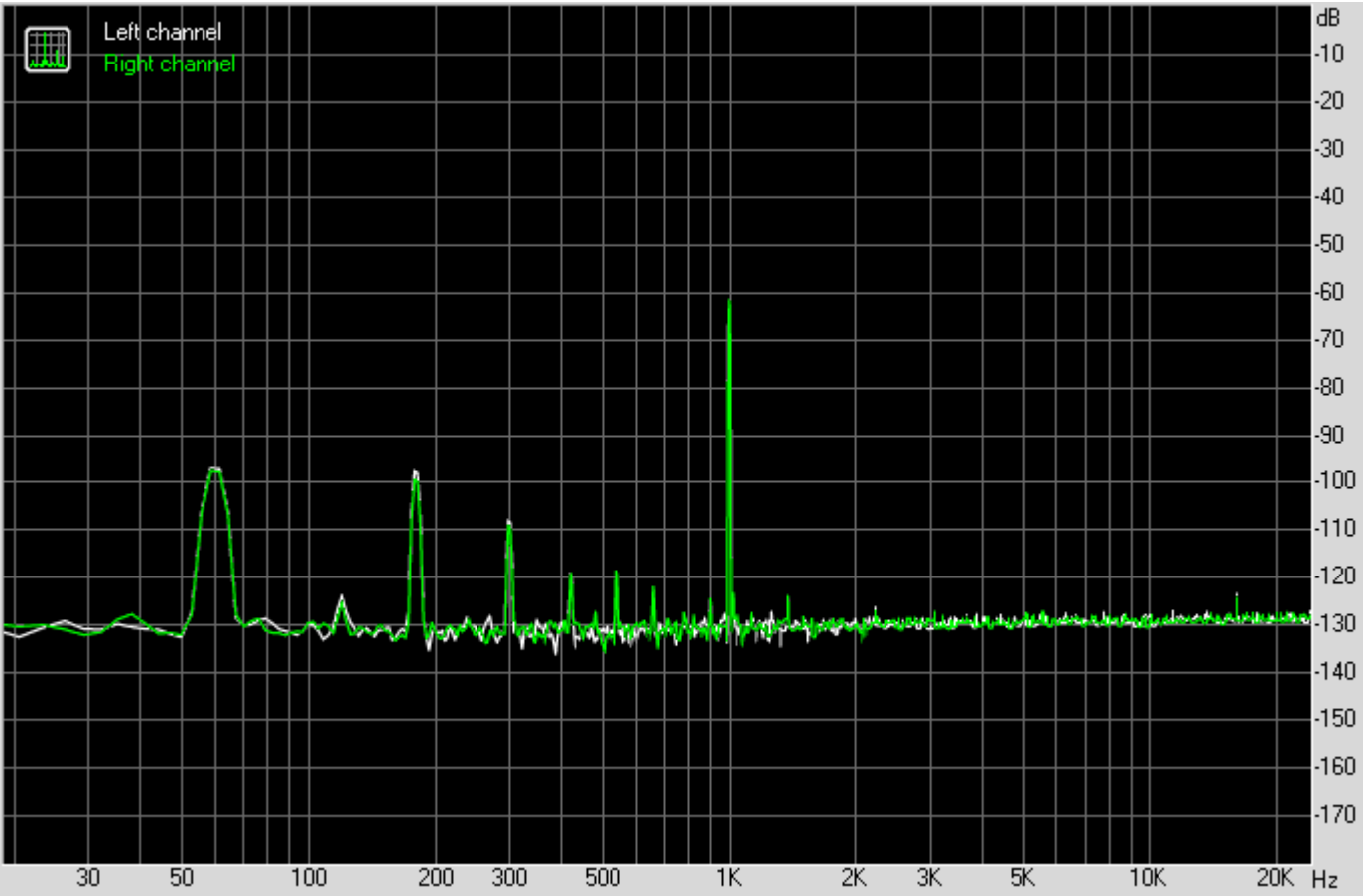
	Left	Right
From 20 Hz to 20 kHz, dB	-0.05, +0.11	-0.09, +0.10
From 40 Hz to 15 kHz, dB	-0.02, +0.06	-0.07, +0.03

Noise level



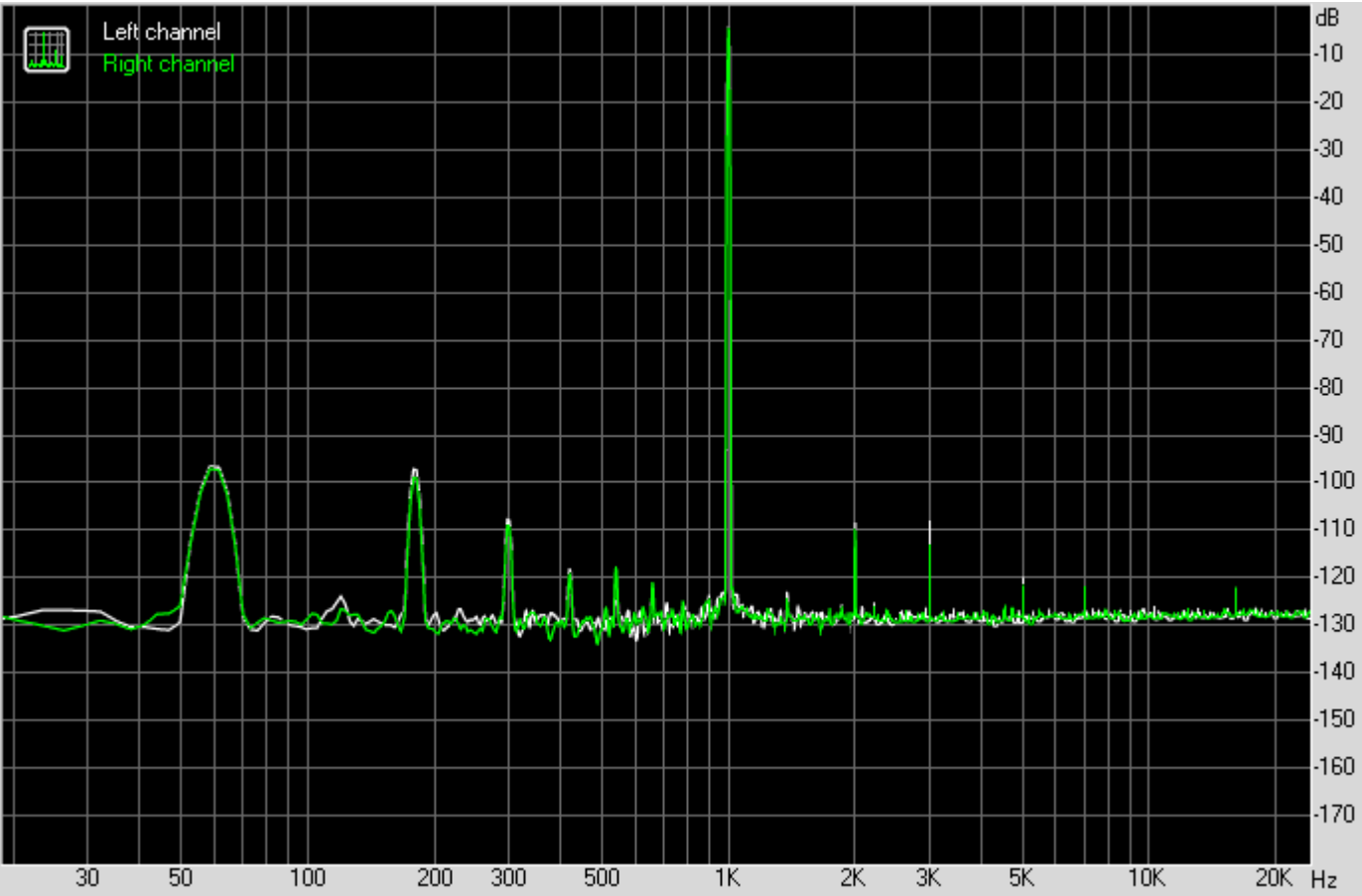
	Left	Right
RMS power, dB	-93.7	-94.2
RMS power (A-weighted), dB	-98.1	-98.1
Peak level, dB FS	-73.2	-73.7
DC offset, %	+0.0	+0.0

Dynamic range



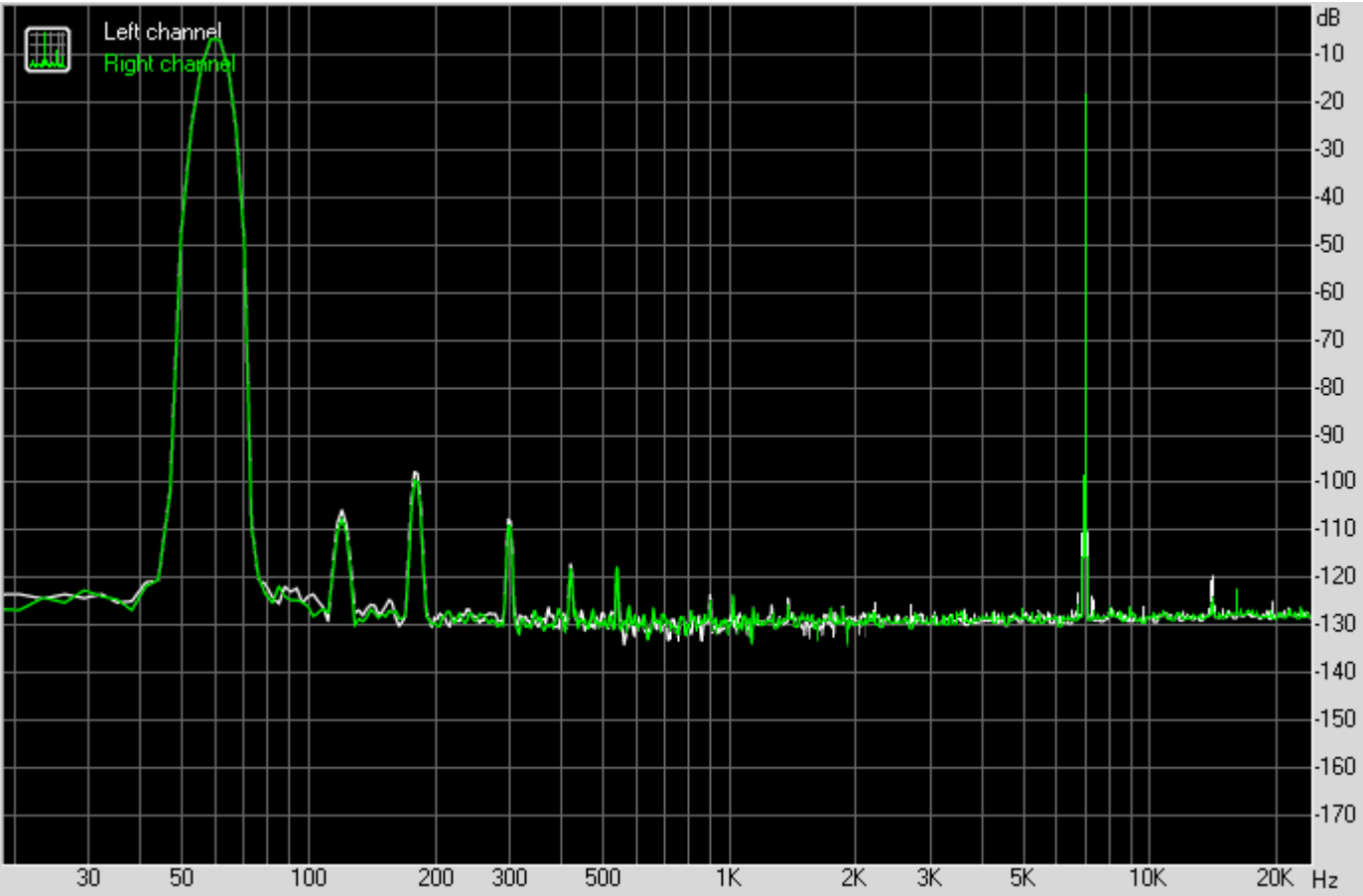
	Left	Right
Dynamic range, dB	+93.7	+94.3
Dynamic range (A-weighted), dB	+98.1	+98.1
DC offset, %	+0.00	+0.00

THD + Noise (at -3 dB FS)



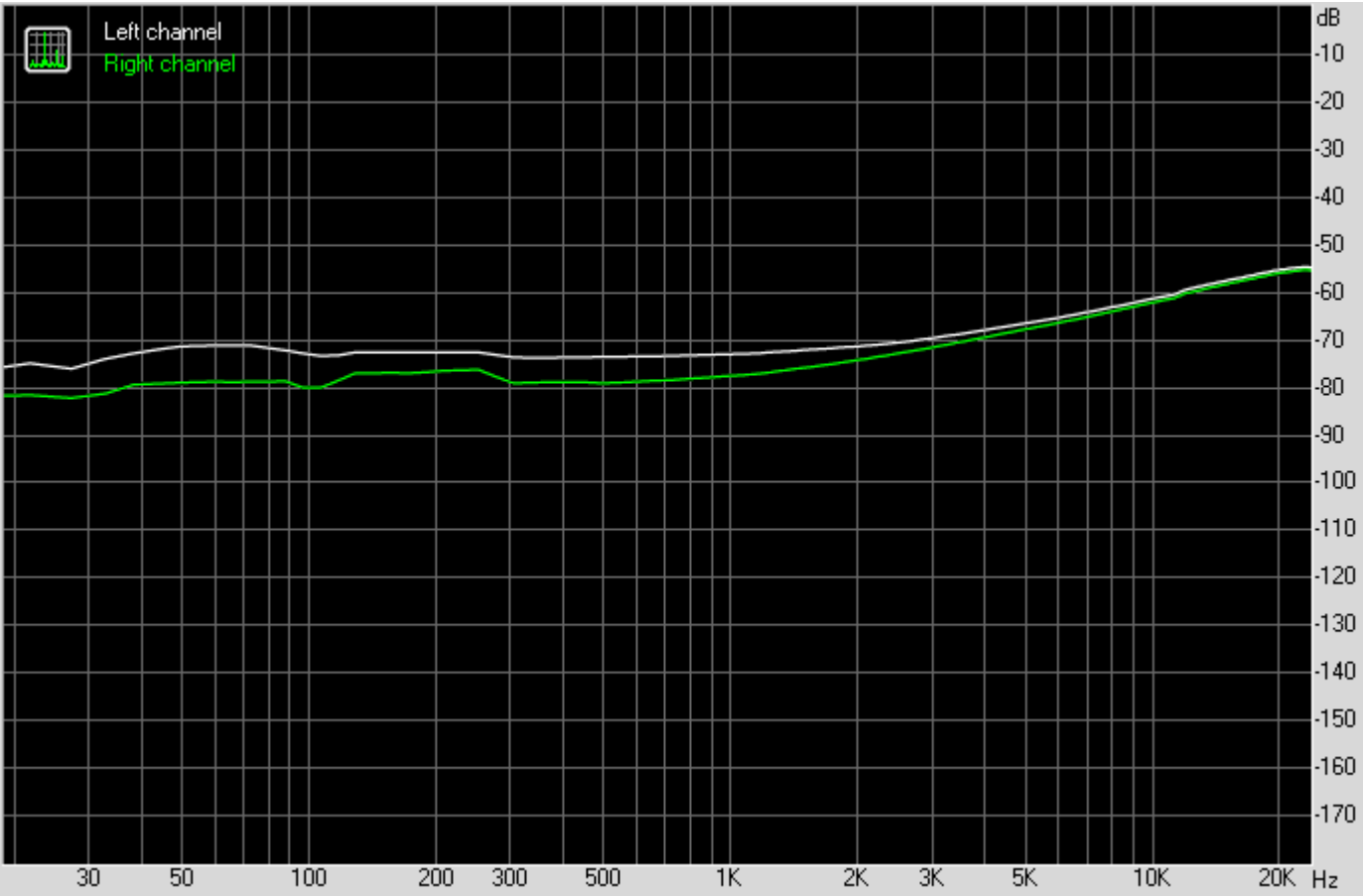
	Left	Right
THD, %	0.00094	0.00078
THD + Noise, %	0.00479	0.00447
THD + Noise (A-weighted), %	0.00316	0.00305

Intermodulation distortion



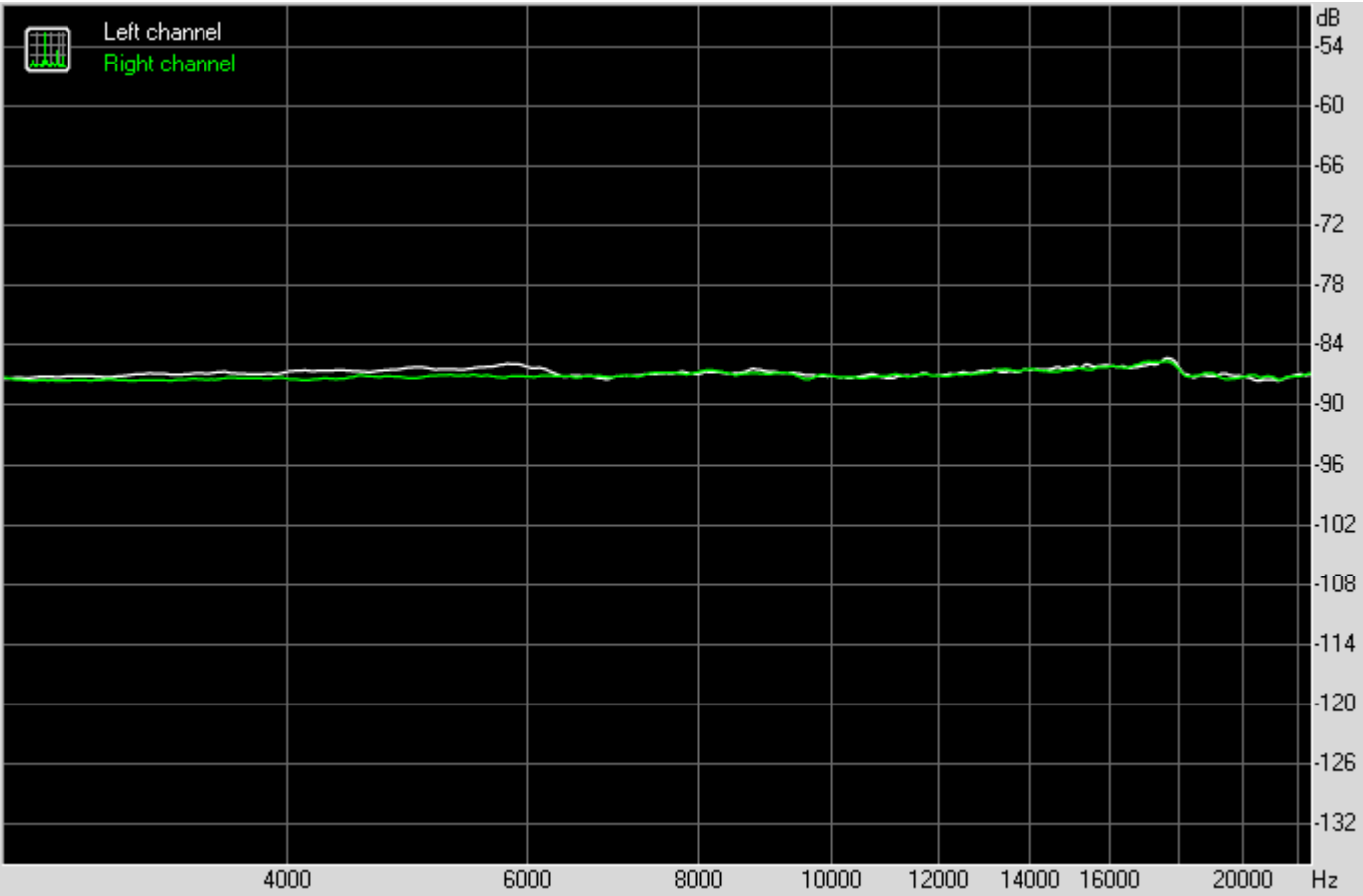
	Left	Right
IMD + Noise, %	0.00497	0.00461
IMD + Noise (A-weighted), %	0.00363	0.00356

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-72	-79
Crosstalk at 1000 Hz, dB	-72	-77
Crosstalk at 10000 Hz, dB	-60	-61

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.00490	0.00434
IMD + Noise at 10000 Hz,	0.00442	0.00444
IMD + Noise at 15000 Hz,	0.00492	0.00475