

RightMark Audio Analyzer test report

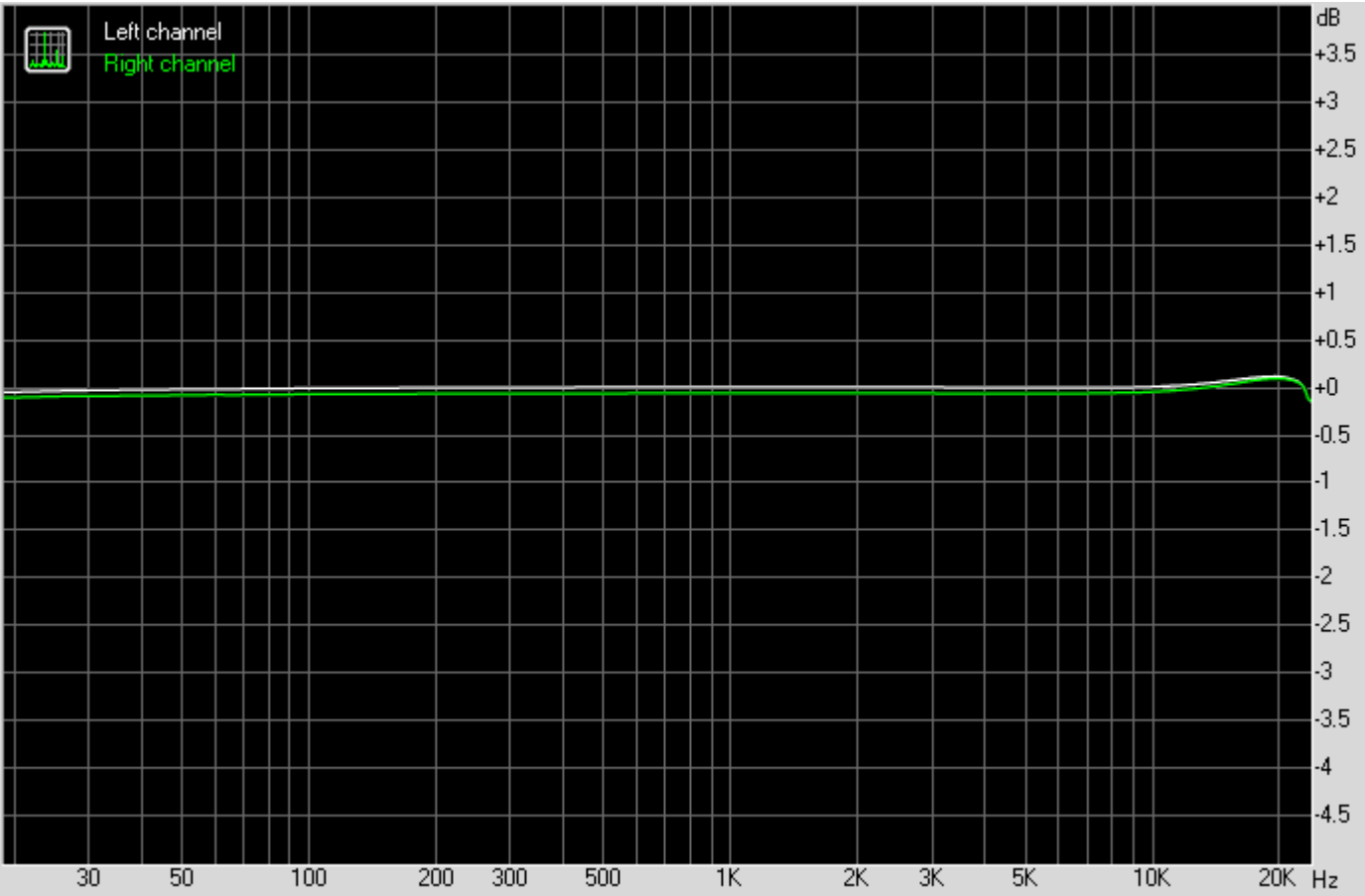
Testing device	[ASIO] Focusrite USB ASIO
Sampling mode	24-bit, 48 kHz
Interface	ASIO
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.5

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-6.1 dB / -6.2 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

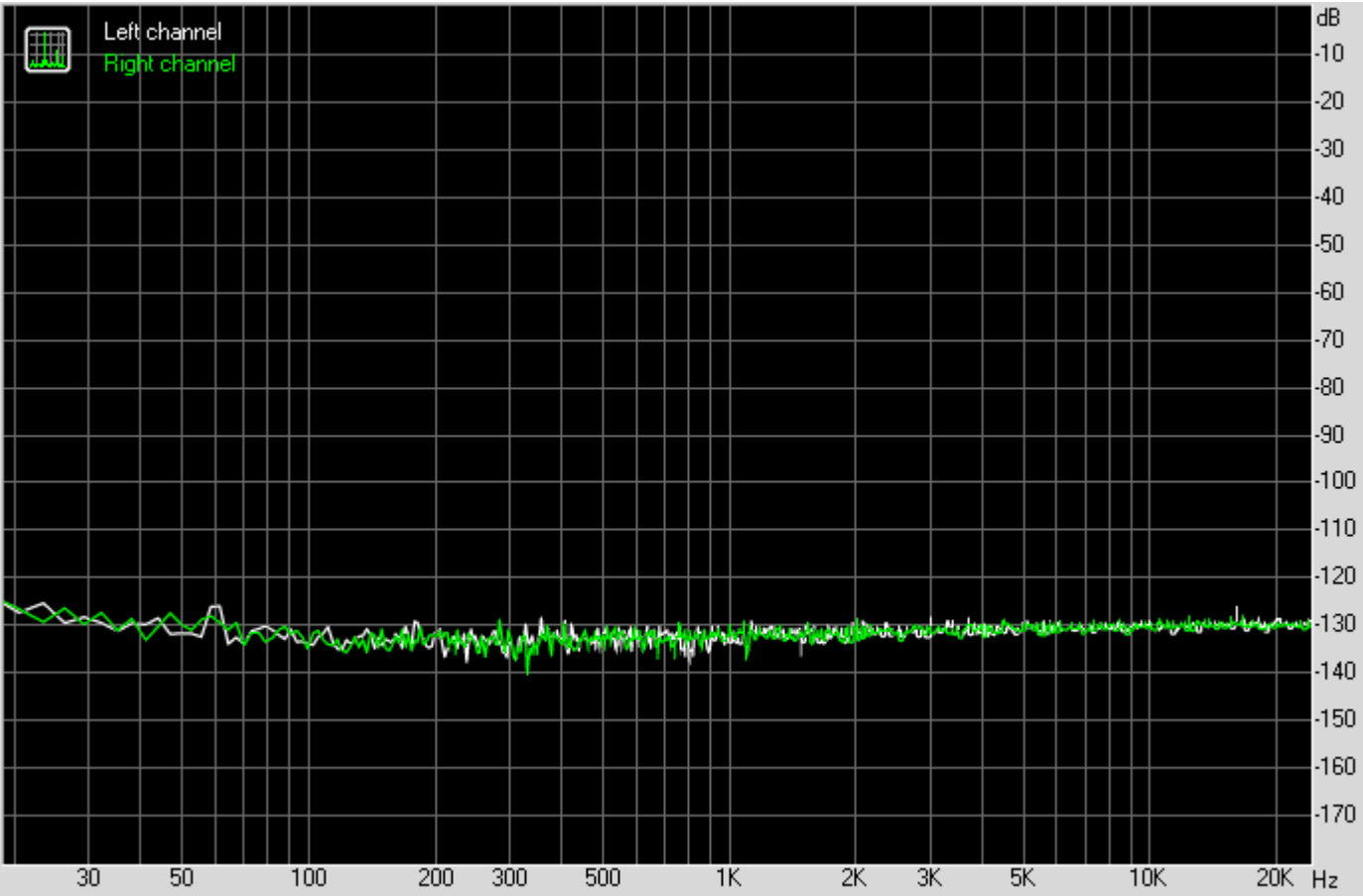
Frequency response (from 40 Hz to 15 kHz), dB	+0.03, -0.08	Excellent
Noise level, dB (A)	-98.9	Excellent
Dynamic range, dB (A)	98.9	Excellent
THD, %	0.00076	Excellent
THD + Noise, dB (A)	-90.9	Very good
IMD + Noise, %	0.00382	Excellent
Stereo crosstalk, dB	-75.1	Very good
IMD at 10 kHz, %	0.00436	Excellent
General performance		Excellent

Frequency response



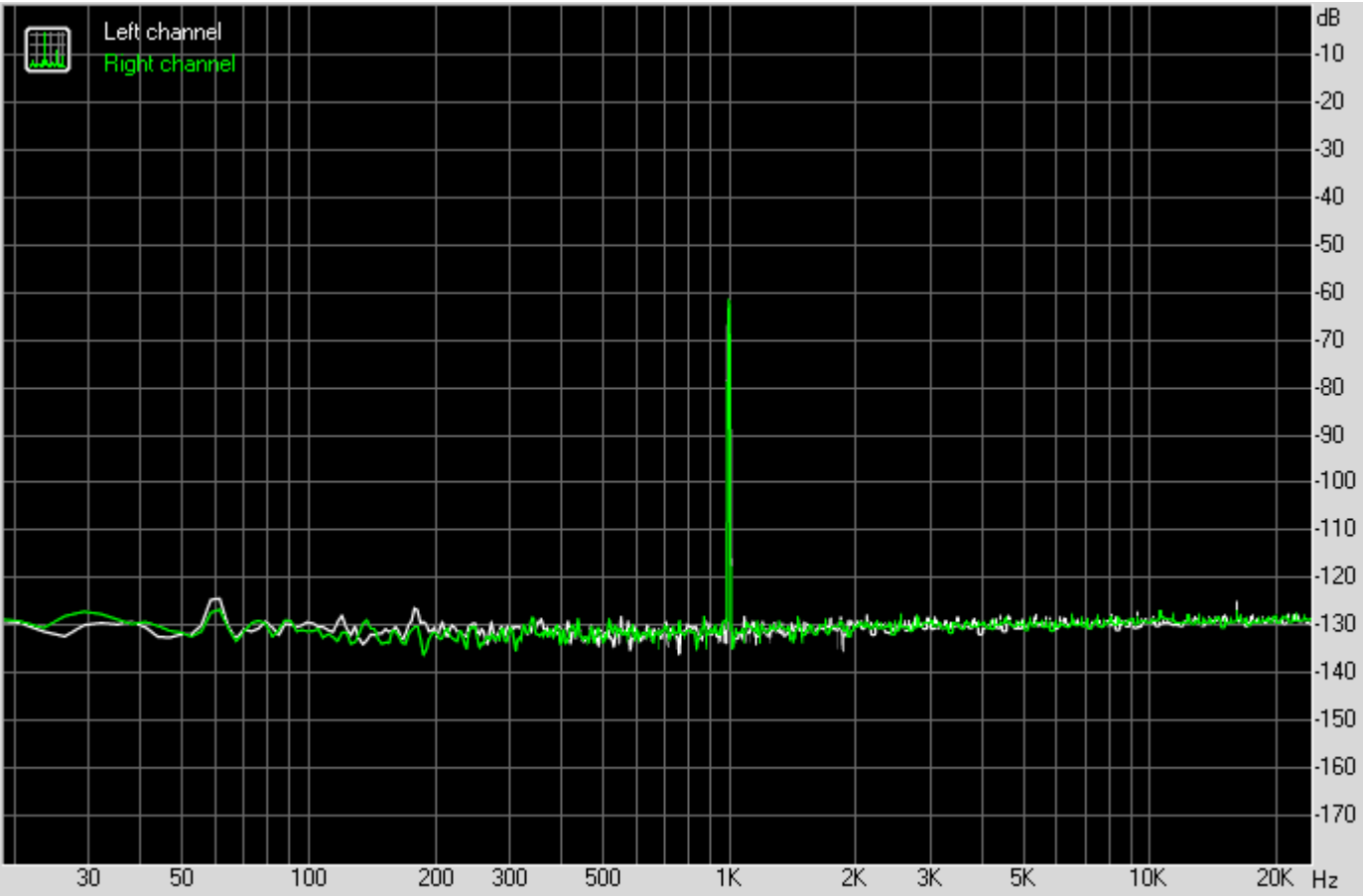
	Left	Right
From 20 Hz to 20 kHz, dB	-0.05, +0.12	-0.11, +0.09
From 40 Hz to 15 kHz, dB	-0.02, +0.07	-0.08, +0.03

Noise level



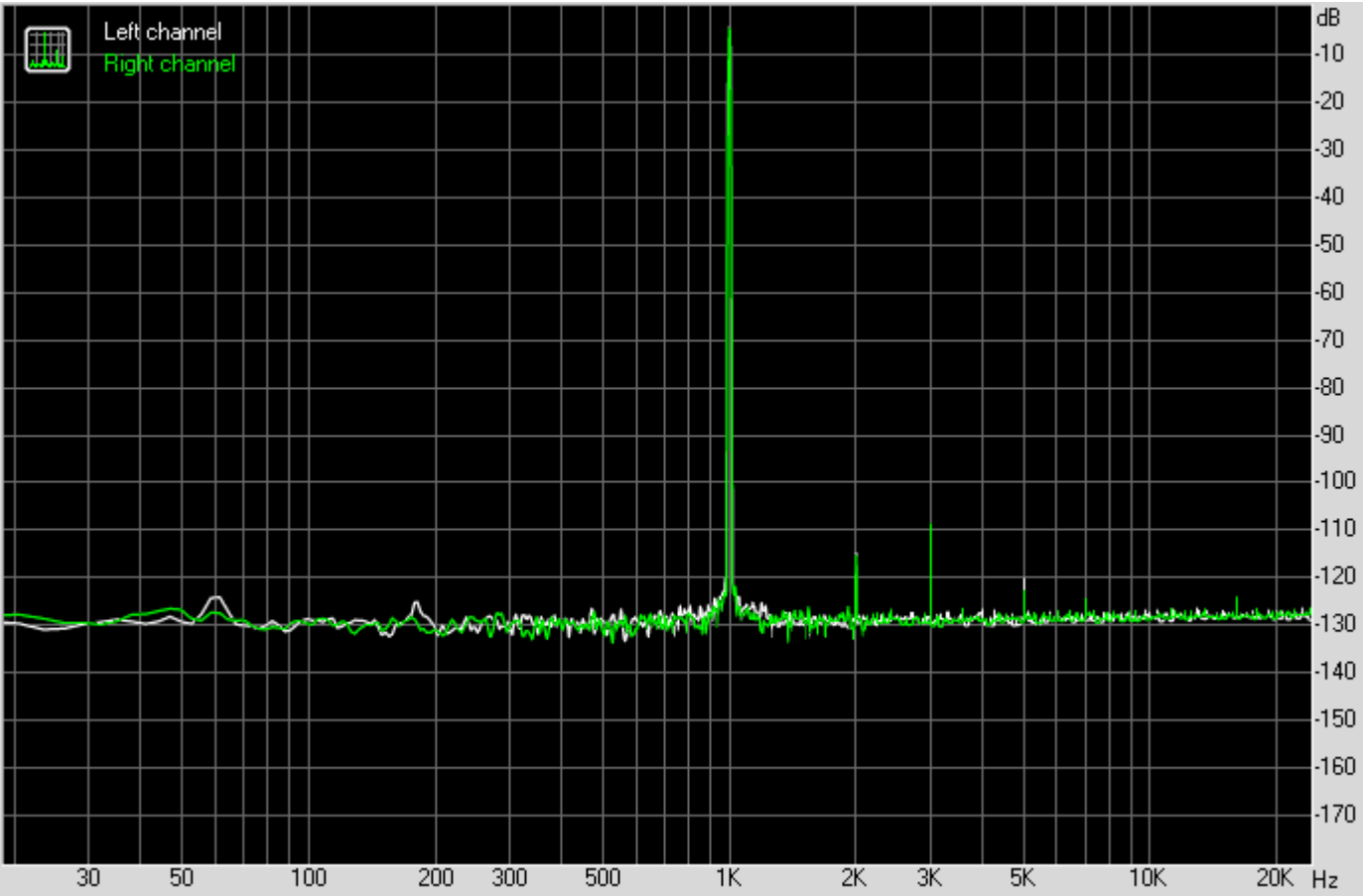
	Left	Right
RMS power, dB	-97.8	-97.8
RMS power (A-weighted), dB	-98.9	-98.8
Peak level, dB FS	-75.5	-75.6
DC offset, %	+0.0	+0.0

Dynamic range



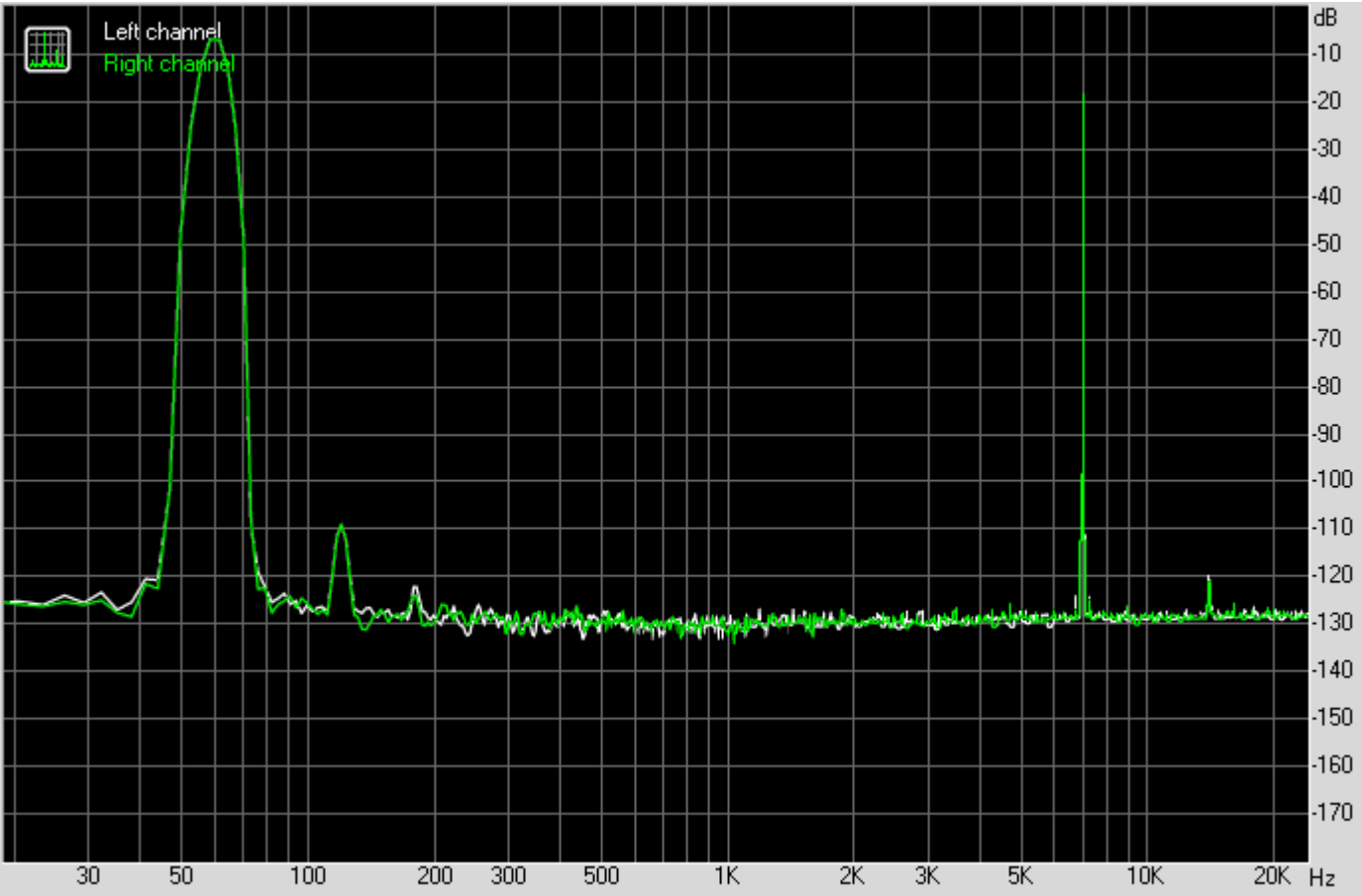
	Left	Right
Dynamic range, dB	+97.9	+97.8
Dynamic range (A-weighted), dB	+98.9	+98.8
DC offset, %	+0.00	+0.00

THD + Noise (at -3 dB FS)



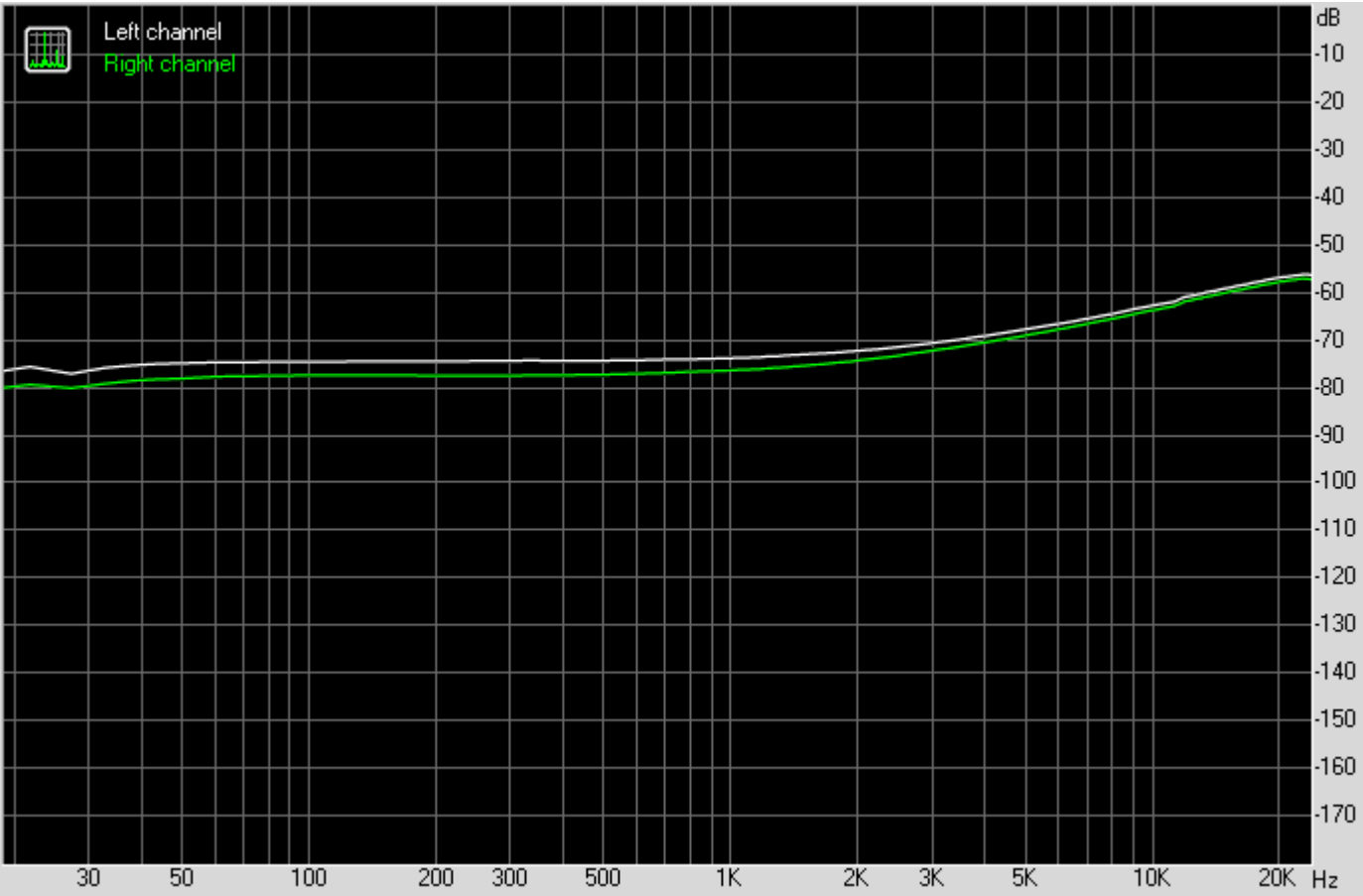
	Left	Right
THD, %	0.00080	0.00073
THD + Noise, %	0.00311	0.00308
THD + Noise (A-weighted), %	0.00288	0.00285

Intermodulation distortion



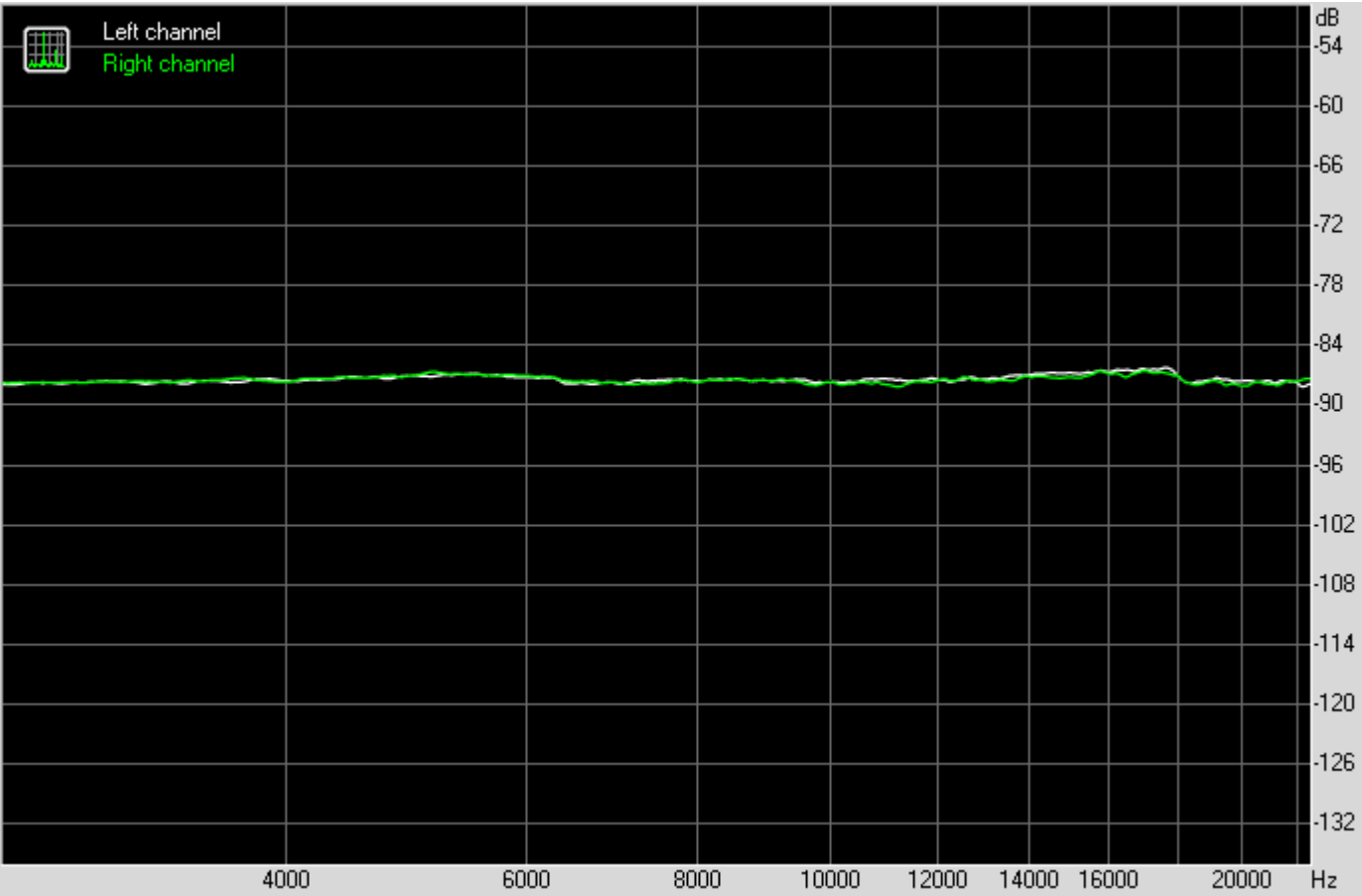
	Left	Right
IMD + Noise, %	0.00379	0.00386
IMD + Noise (A-weighted), %	0.00326	0.00334

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-74	-76
Crosstalk at 1000 Hz, dB	-73	-75
Crosstalk at 10000 Hz, dB	-62	-63

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.00444	0.00448
IMD + Noise at 10000 Hz,	0.00413	0.00413
IMD + Noise at 15000 Hz,	0.00460	0.00437