

RightMark Audio Analyzer test report

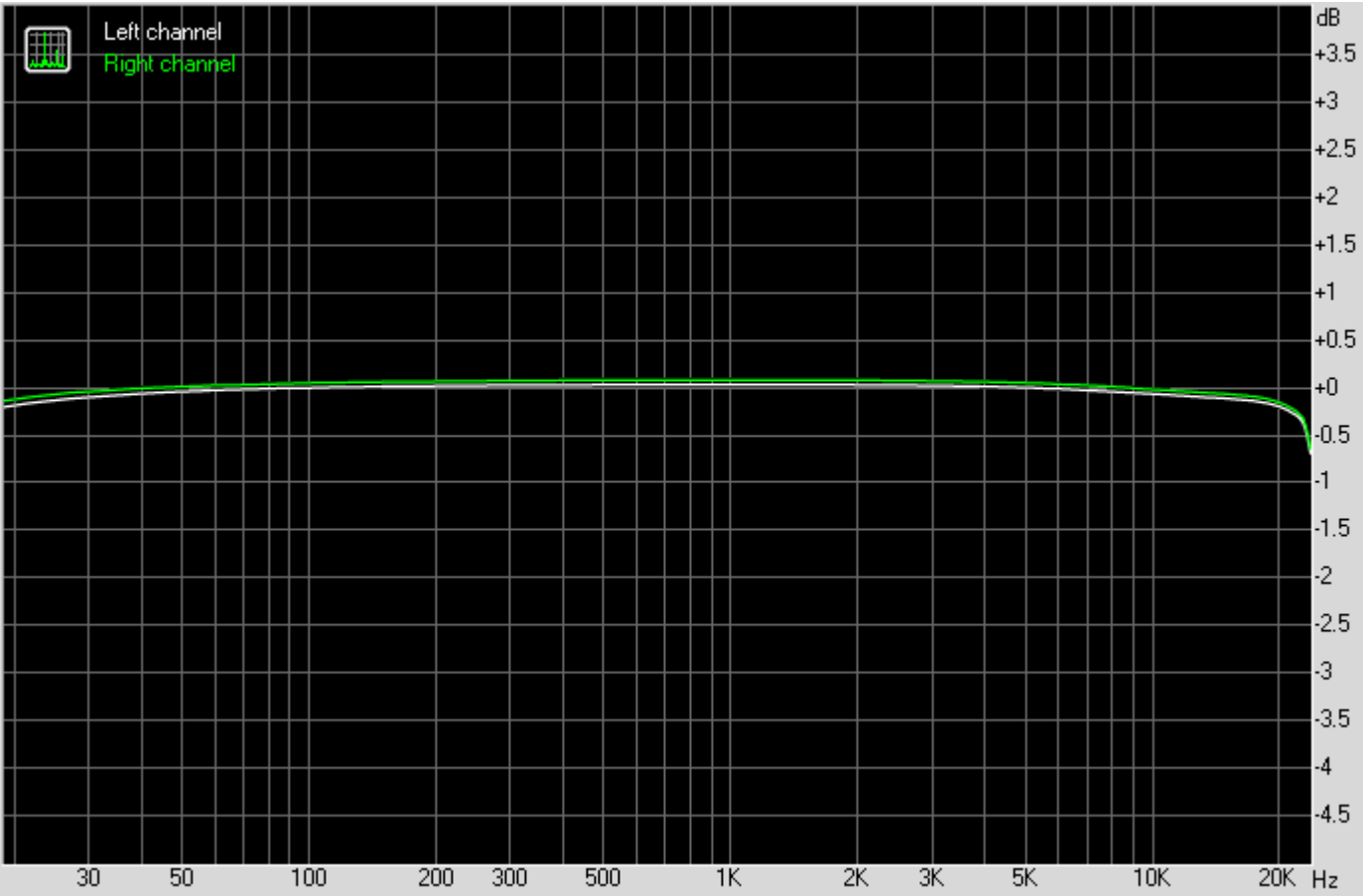
Testing device	[ASIO] Focusrite USB ASIO
Sampling mode	24-bit, 48 kHz
Interface	ASIO
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.5

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-2.7 dB / -2.6 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	inverted/inverted

Summary

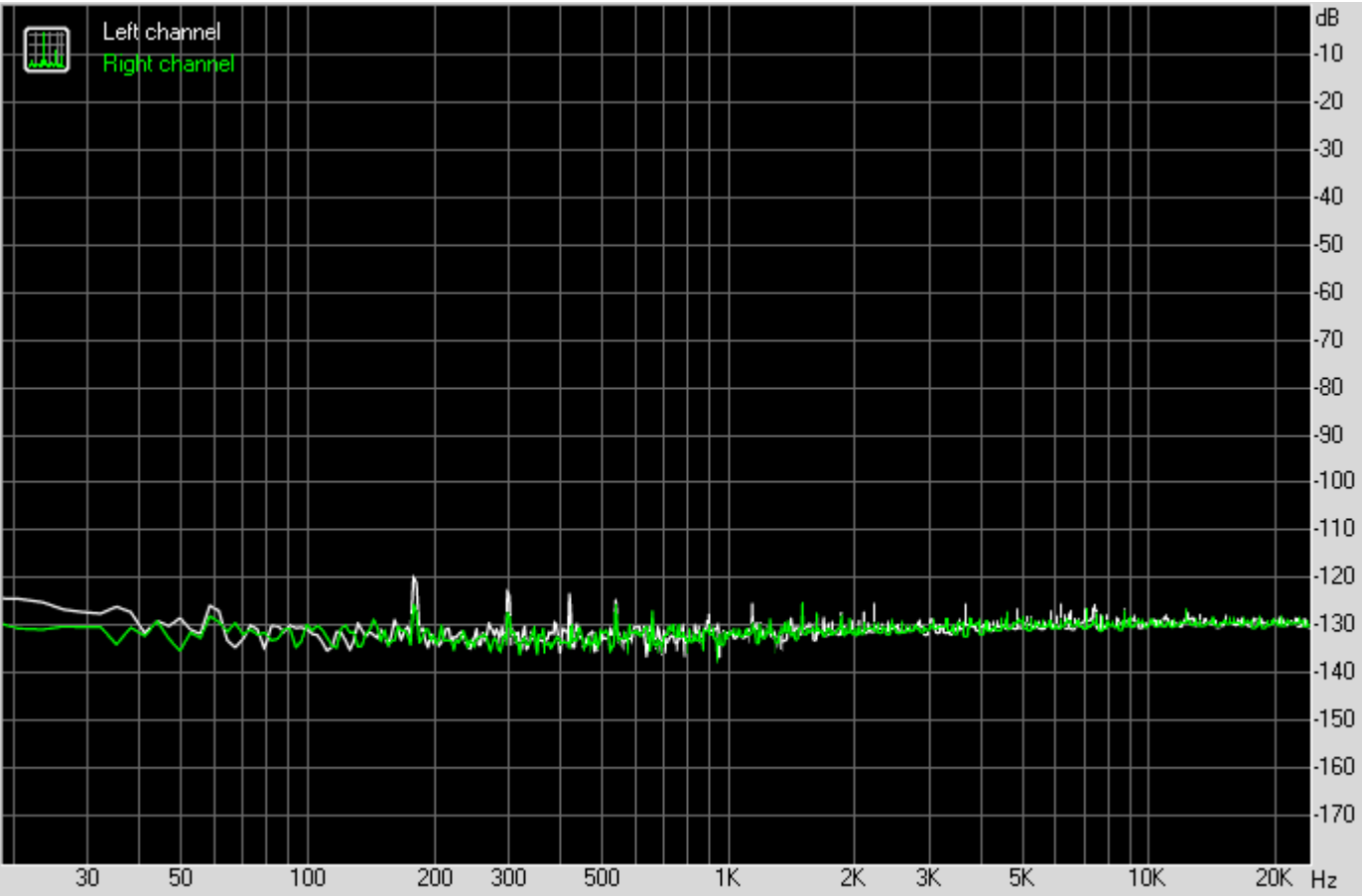
Frequency response (from 40 Hz to 15 kHz), dB	+0.08, -0.07	Excellent
Noise level, dB (A)	-98.2	Excellent
Dynamic range, dB (A)	98.2	Excellent
THD, %	0.00101	Excellent
THD + Noise, dB (A)	-90.3	Very good
IMD + Noise, %	0.00445	Excellent
Stereo crosstalk, dB	-75.8	Very good
IMD at 10 kHz, %	0.00448	Excellent
General performance		Excellent

Frequency response



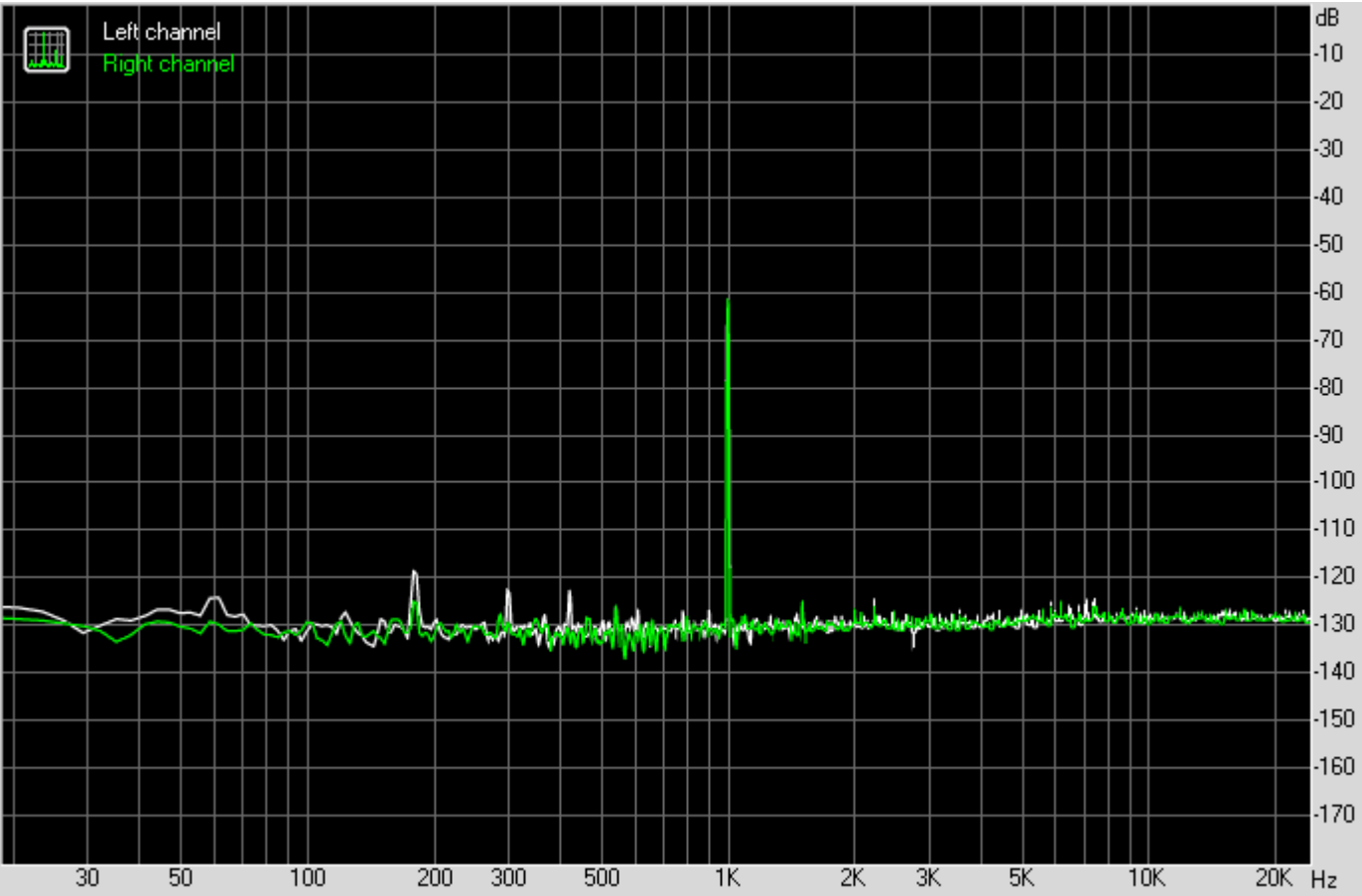
	Left	Right
From 20 Hz to 20 kHz, dB	-0.20, +0.03	-0.16, +0.08
From 40 Hz to 15 kHz, dB	-0.12, +0.03	-0.07, +0.08

Noise level



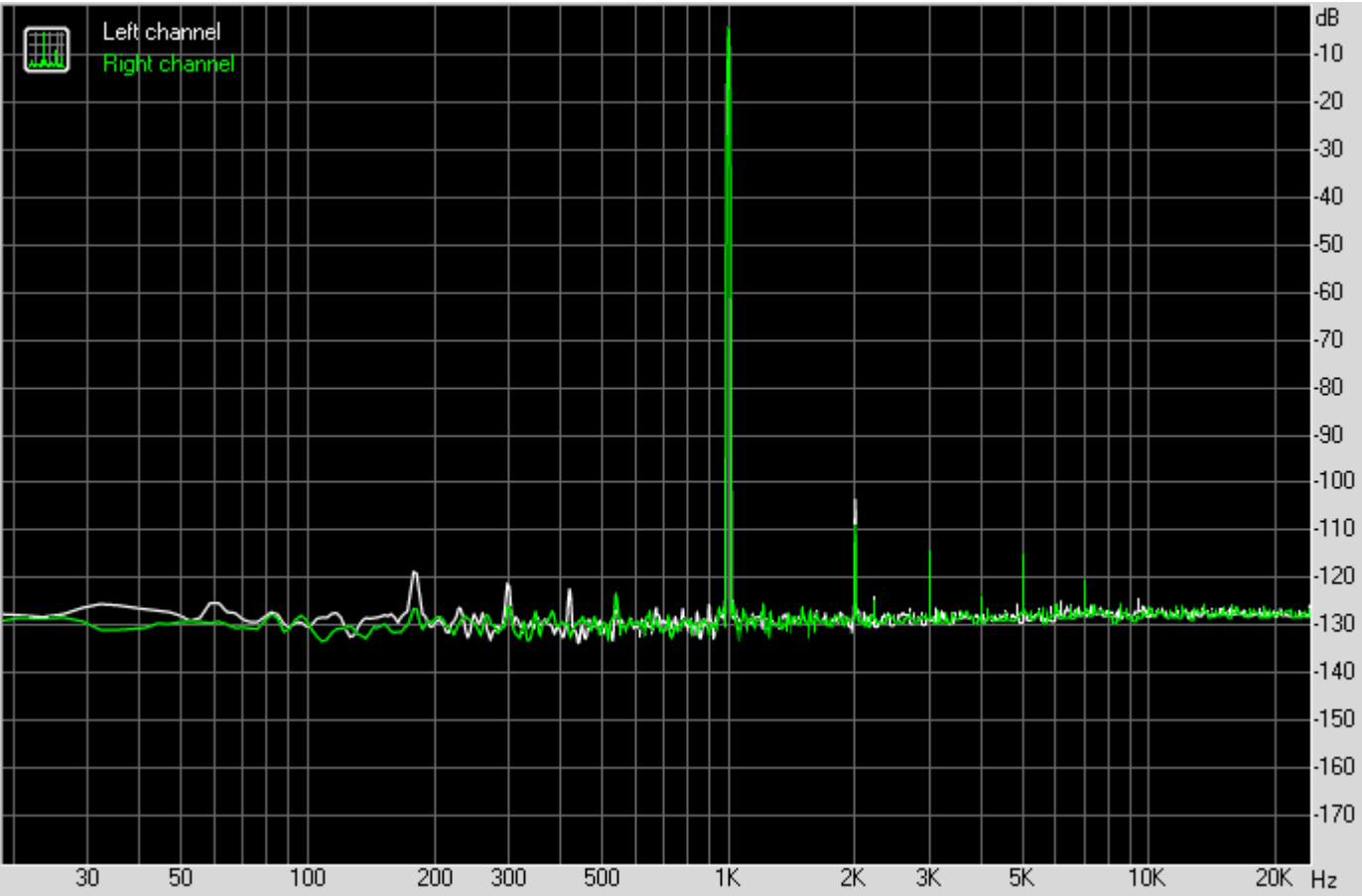
	Left	Right
RMS power, dB	-97.0	-97.2
RMS power (A-weighted), dB	-98.1	-98.3
Peak level, dB FS	-77.8	-77.1
DC offset, %	+0.0	+0.0

Dynamic range



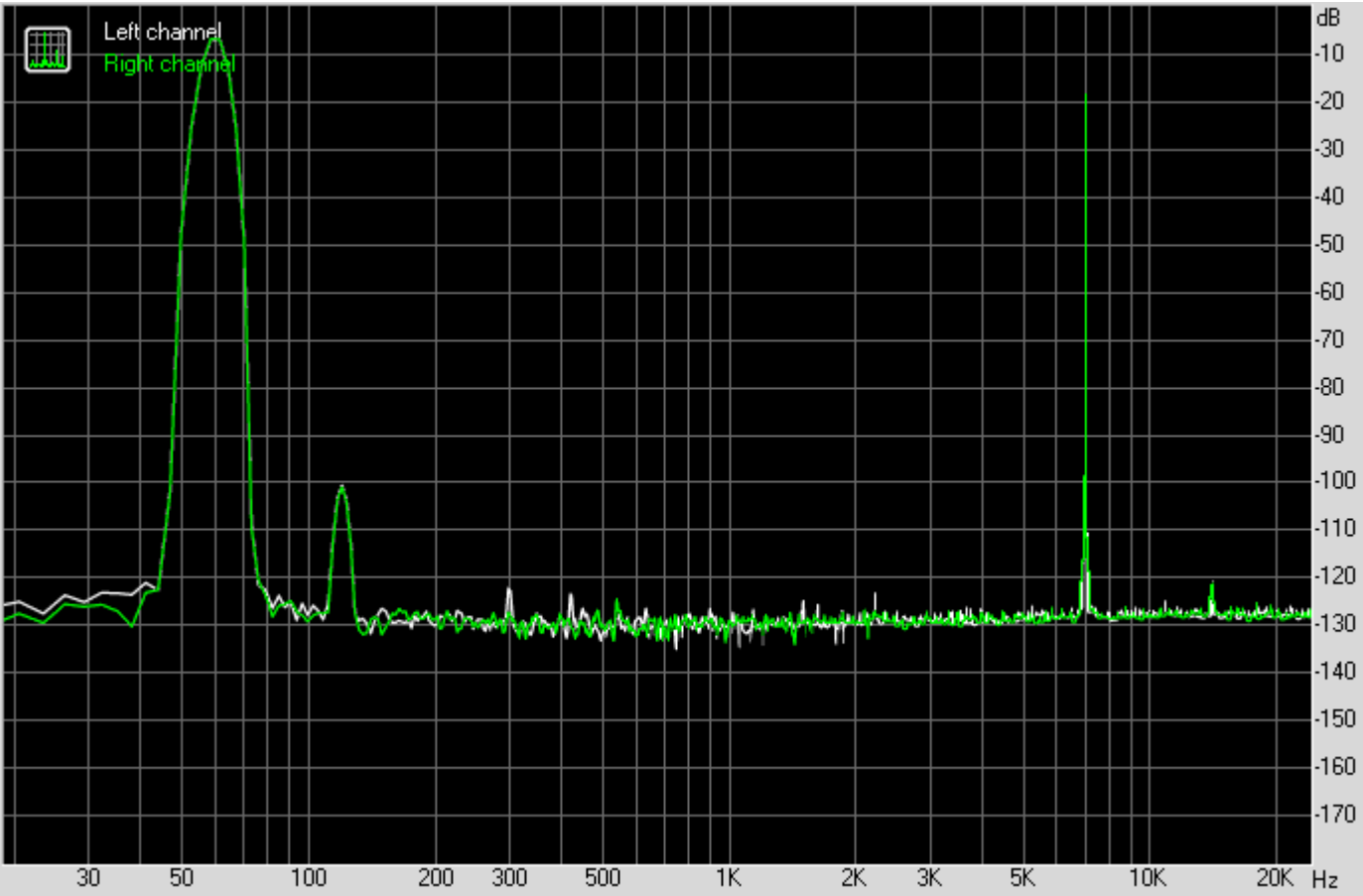
	Left	Right
Dynamic range, dB	+97.0	+97.2
Dynamic range (A-weighted), dB	+98.1	+98.3
DC offset, %	+0.00	+0.00

THD + Noise (at -3 dB FS)



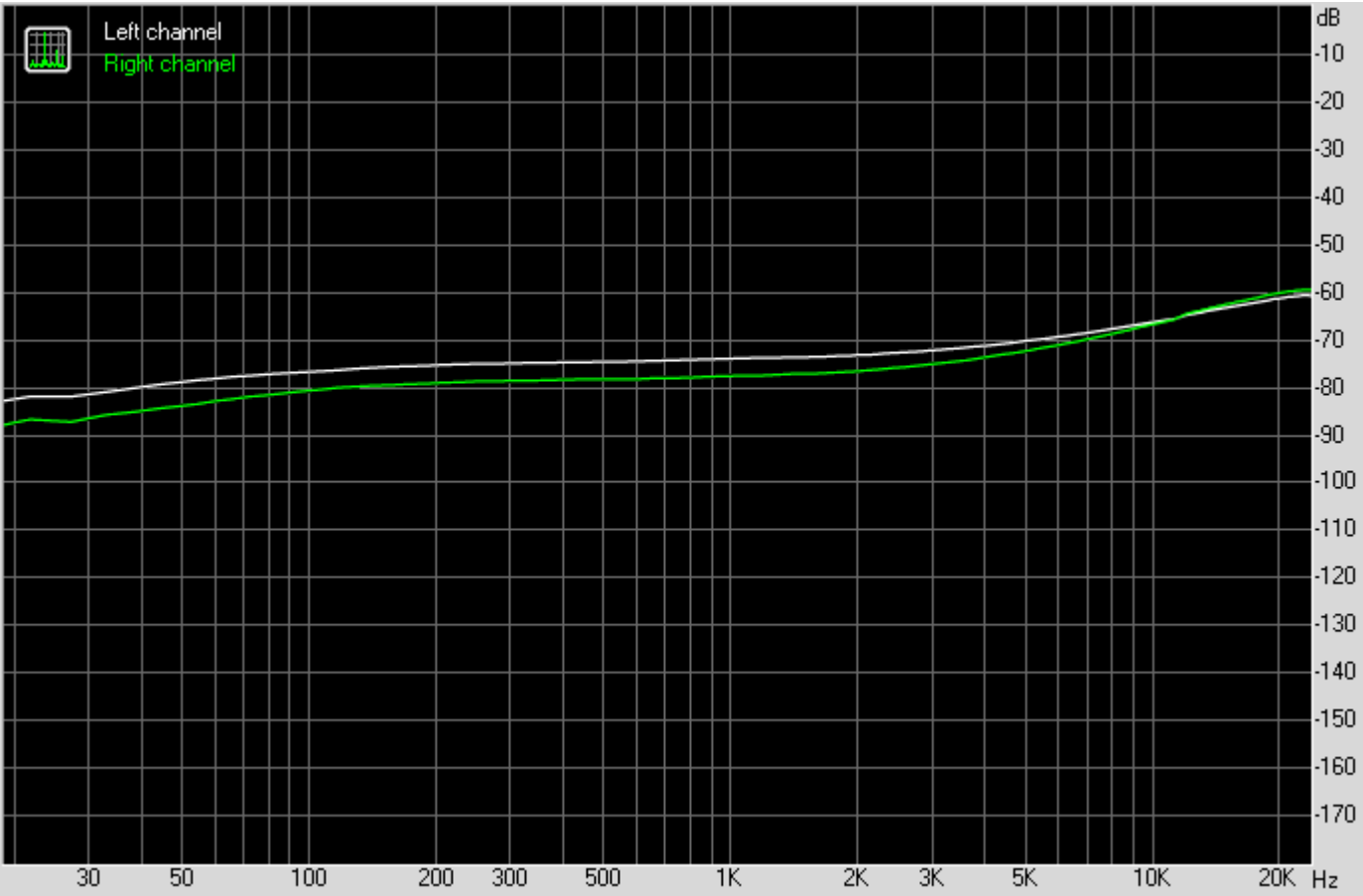
	Left	Right
THD, %	0.00122	0.00081
THD + Noise, %	0.00340	0.00318
THD + Noise (A-weighted), %	0.00320	0.00289

Intermodulation distortion



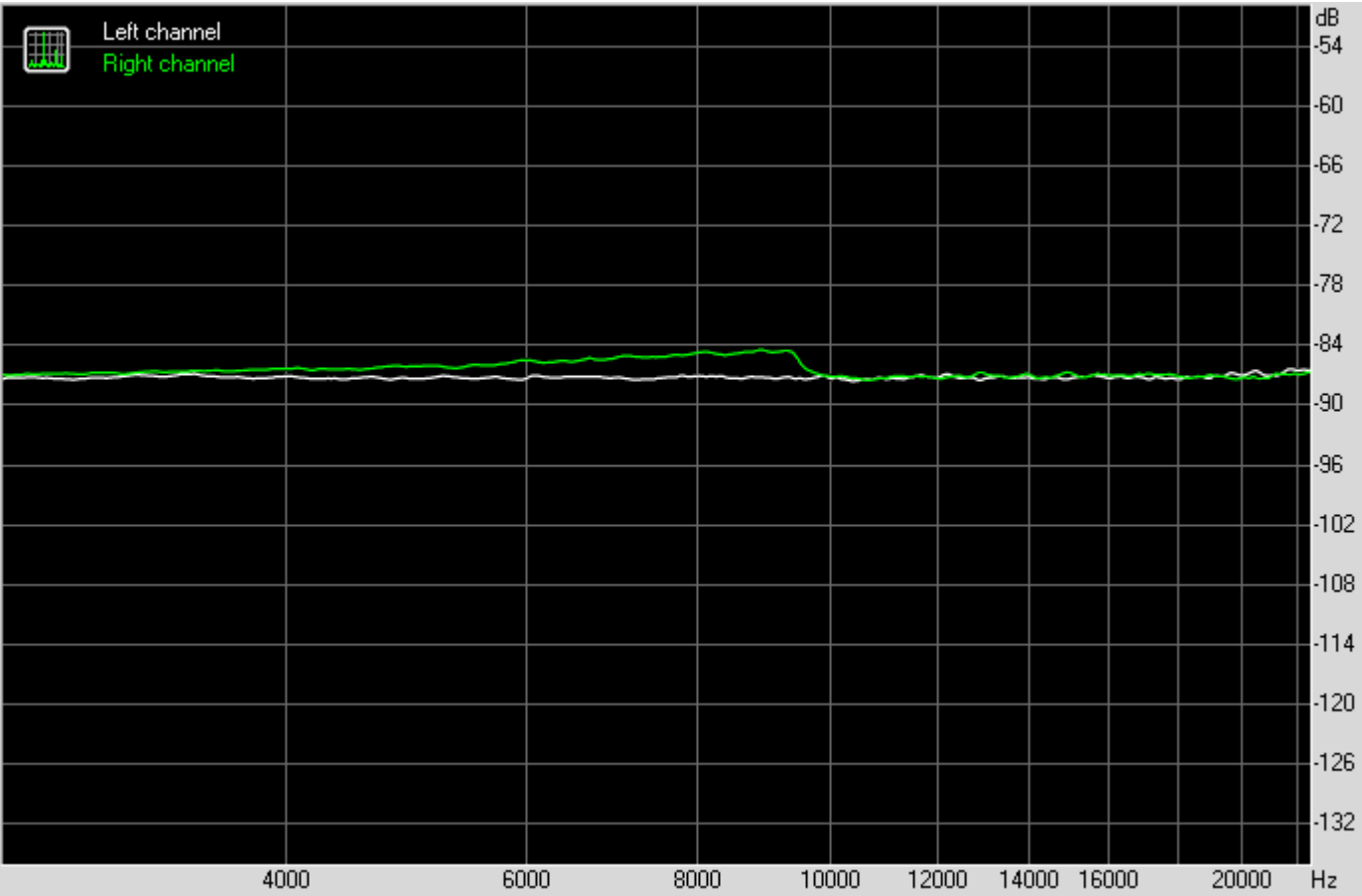
	Left	Right
IMD + Noise, %	0.00446	0.00444
IMD + Noise (A-weighted), %	0.00359	0.00364

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-76	-80
Crosstalk at 1000 Hz, dB	-73	-77
Crosstalk at 10000 Hz, dB	-65	-66

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.00429	0.00495
IMD + Noise at 10000 Hz,	0.00432	0.00441
IMD + Noise at 15000 Hz,	0.00430	0.00459