

RightMark Audio Analyzer test report

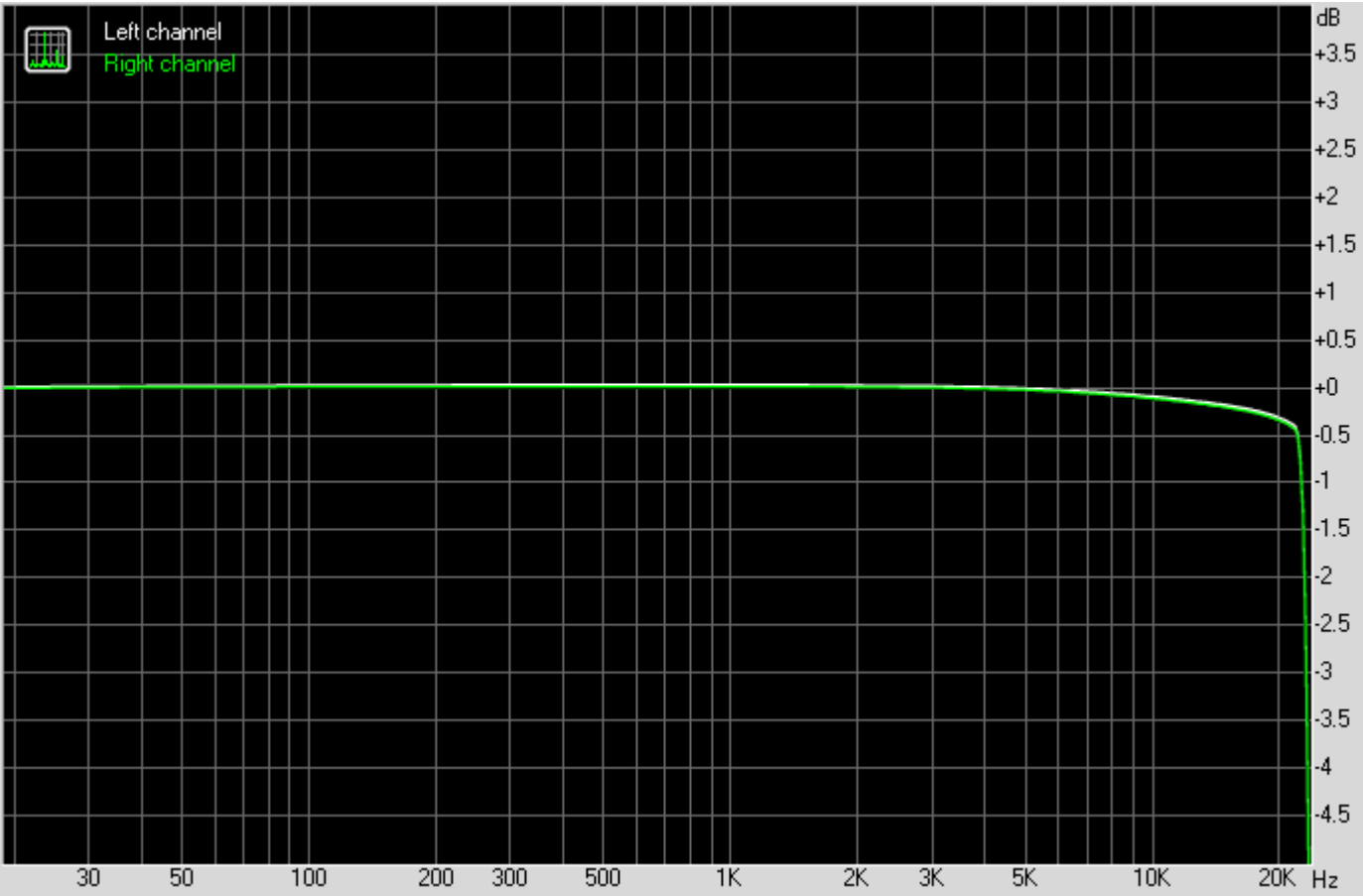
Testing device	[ASIO] Focusrite USB ASIO
Sampling mode	24-bit, 48 kHz
Interface	ASIO
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.5

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-3.4 dB / -3.4 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

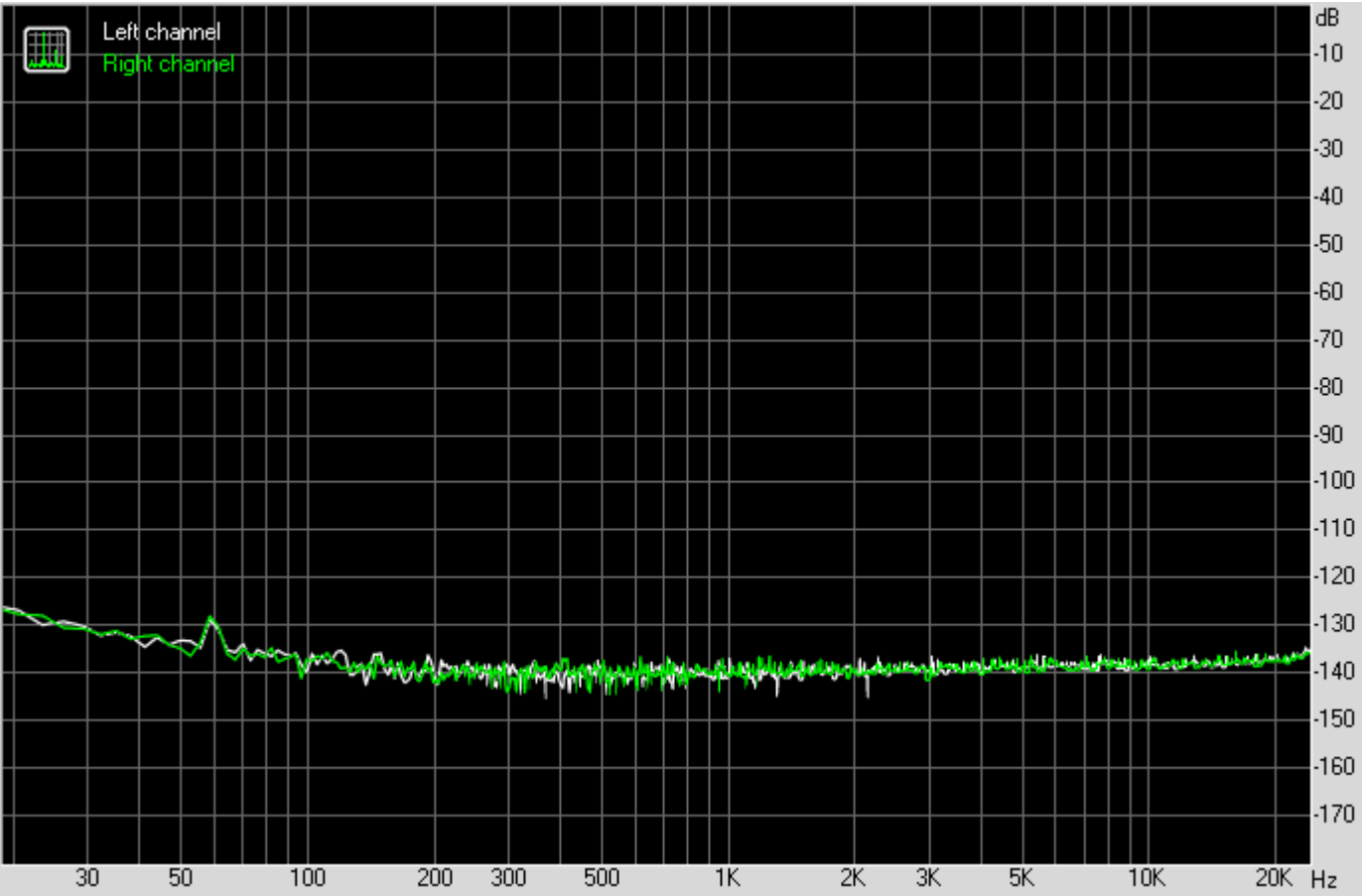
Frequency response (from 40 Hz to 15 kHz), dB	+0.01, -0.21	Very good
Noise level, dB (A)	-106.7	Excellent
Dynamic range, dB (A)	106.7	Excellent
THD, %	0.00207	Excellent
THD + Noise, dB (A)	-90.7	Very good
IMD + Noise, %	0.00239	Excellent
Stereo crosstalk, dB	-100.6	Excellent
IMD at 10 kHz, %	0.00399	Excellent
General performance		Very good

Frequency response



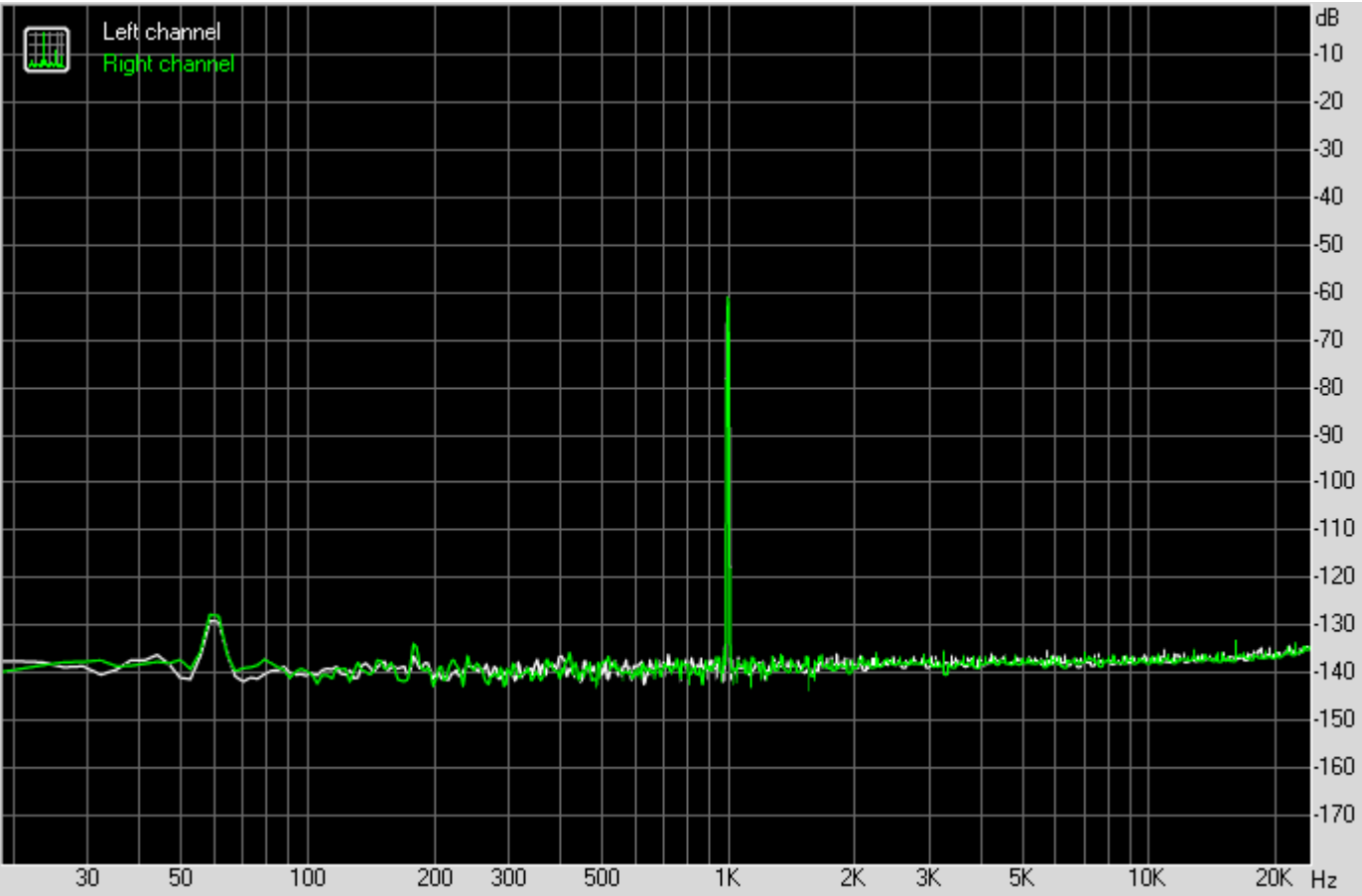
	Left	Right
From 20 Hz to 20 kHz, dB	-0.32, +0.03	-0.35, +0.01
From 40 Hz to 15 kHz, dB	-0.18, +0.03	-0.21, +0.01

Noise level



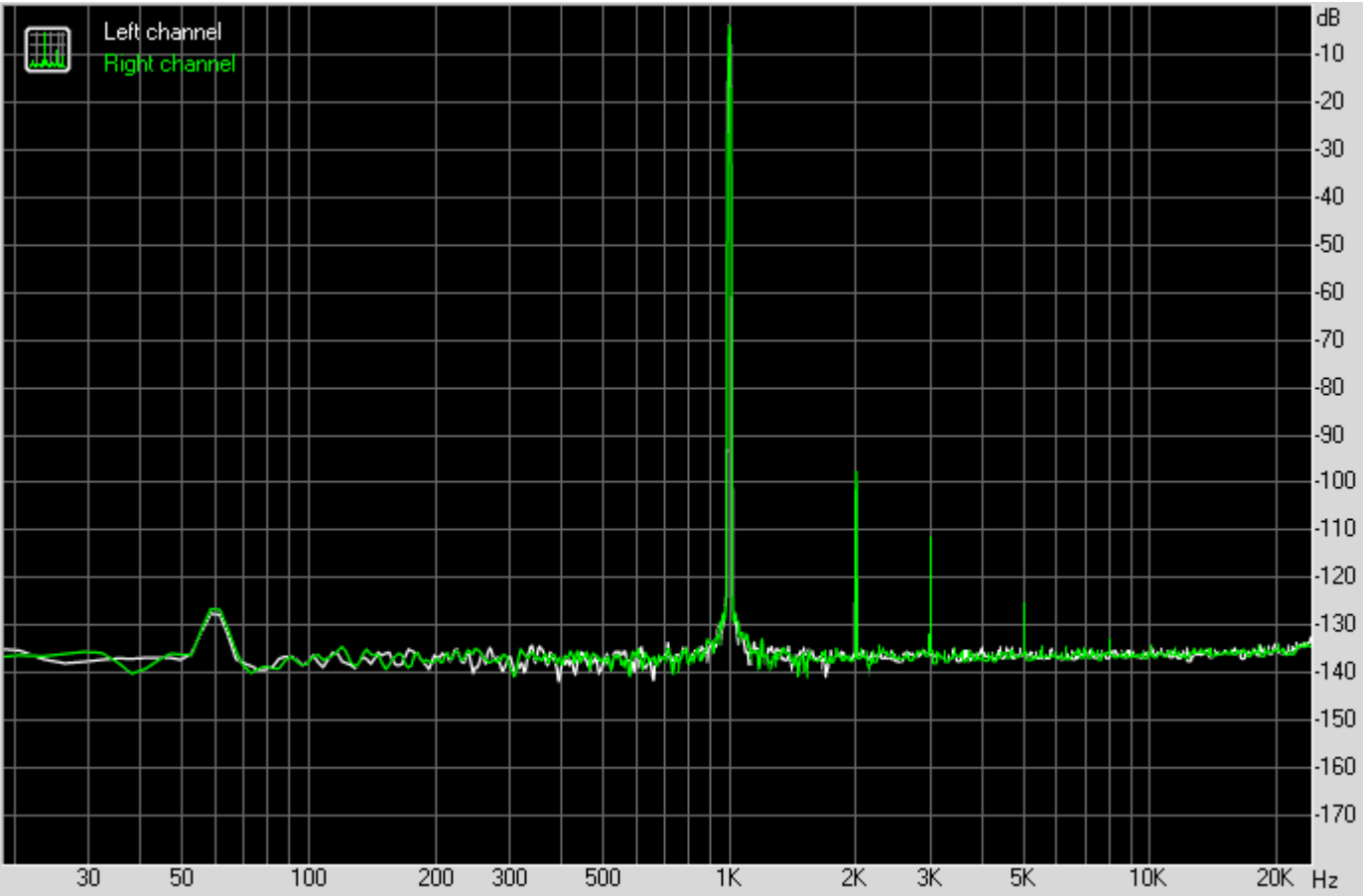
	Left	Right
RMS power, dB	-105.3	-105.4
RMS power (A-weighted), dB	-106.7	-106.8
Peak level, dB FS	-71.8	-71.7
DC offset, %	+0.0	+0.0

Dynamic range



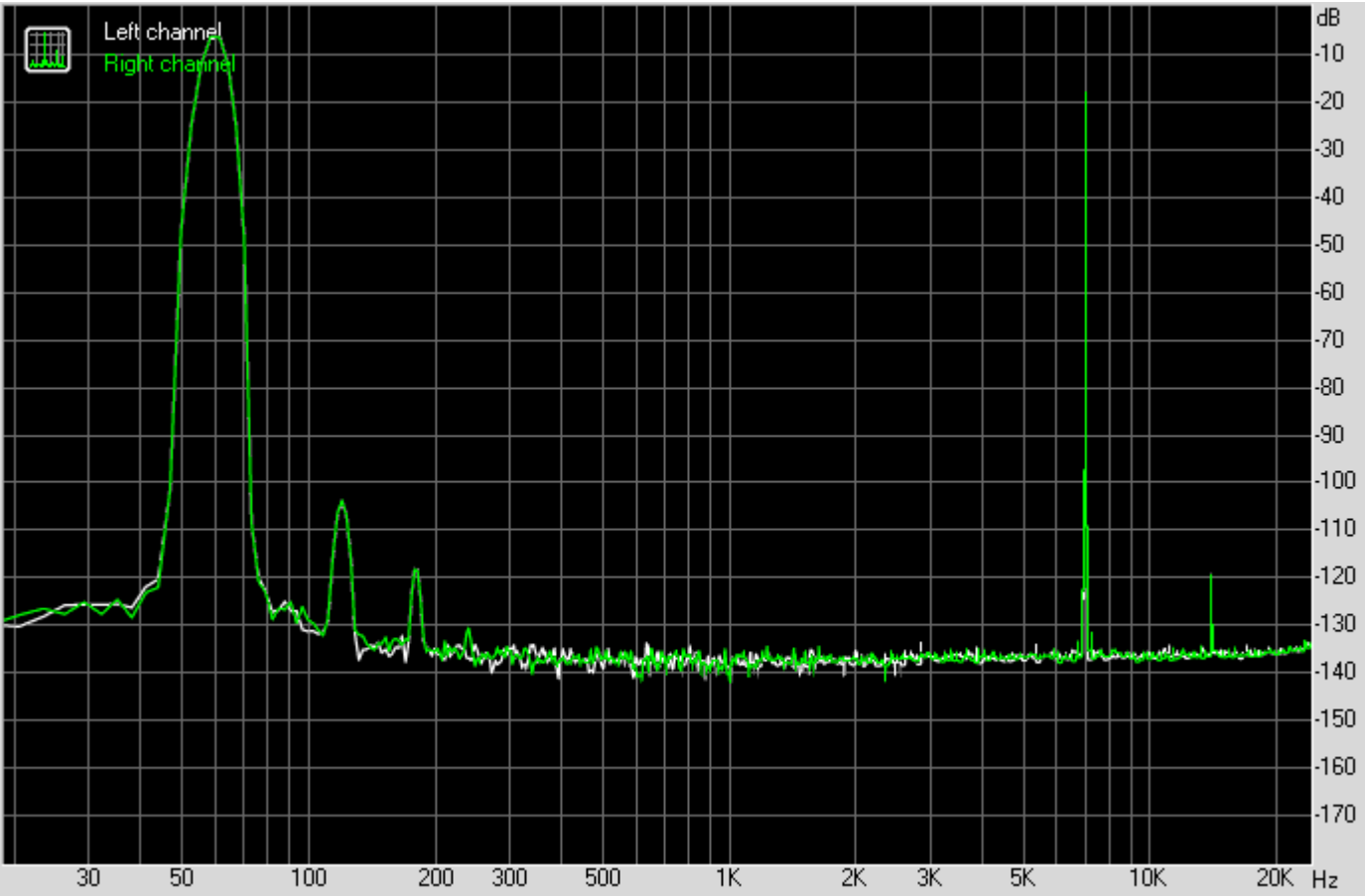
	Left	Right
Dynamic range, dB	+105.6	+105.6
Dynamic range (A-weighted), dB	+106.7	+106.8
DC offset, %	+0.00	+0.00

THD + Noise (at -3 dB FS)



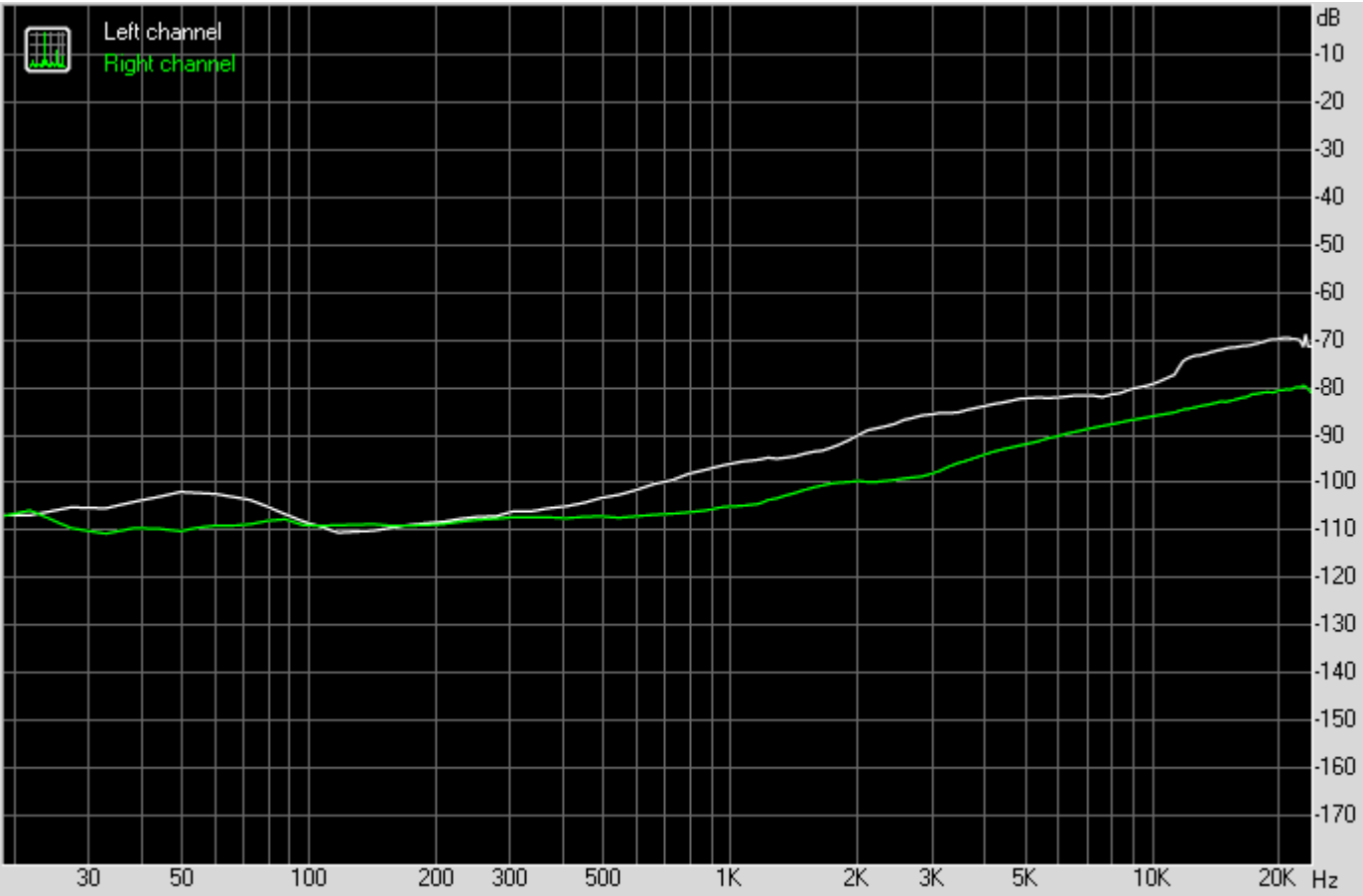
	Left	Right
THD, %	0.00207	0.00208
THD + Noise, %	0.00239	0.00242
THD + Noise (A-weighted), %	0.00290	0.00293

Intermodulation distortion



	Left	Right
IMD + Noise, %	0.00239	0.00239
IMD + Noise (A-weighted), %	0.00193	0.00192

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-108	-108
Crosstalk at 1000 Hz, dB	-95	-104
Crosstalk at 10000 Hz, dB	-78	-85

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.00370	0.00504
IMD + Noise at 10000 Hz,	0.00280	0.00799
IMD + Noise at 15000 Hz,	0.00207	0.00231