

RightMark Audio Analyzer test report

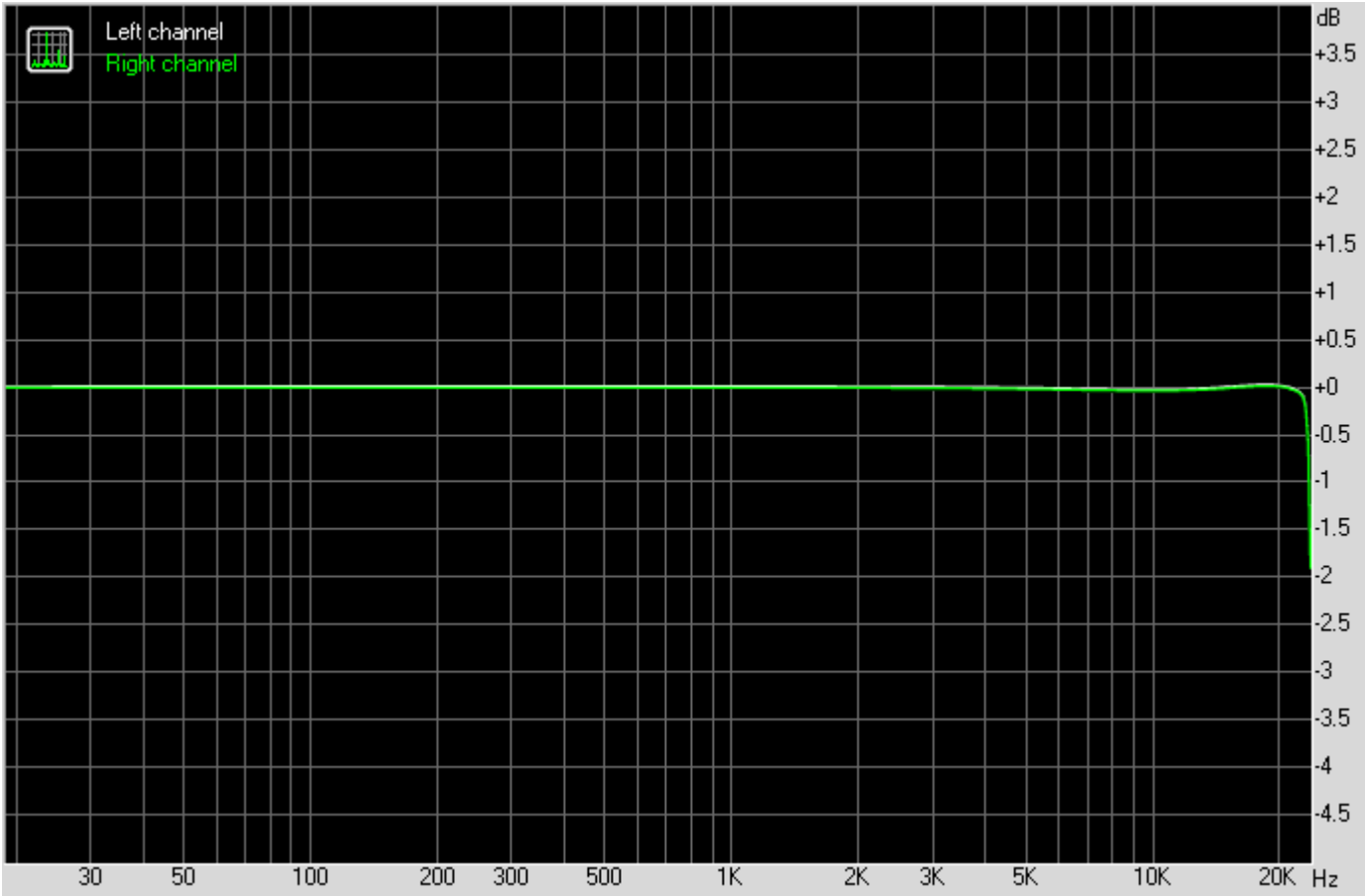
Testing device	JACKAL Audio Device
Sampling mode	24-bit, 48 kHz
Interface	
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.5 PRO

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-2.2 dB / -2.2 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

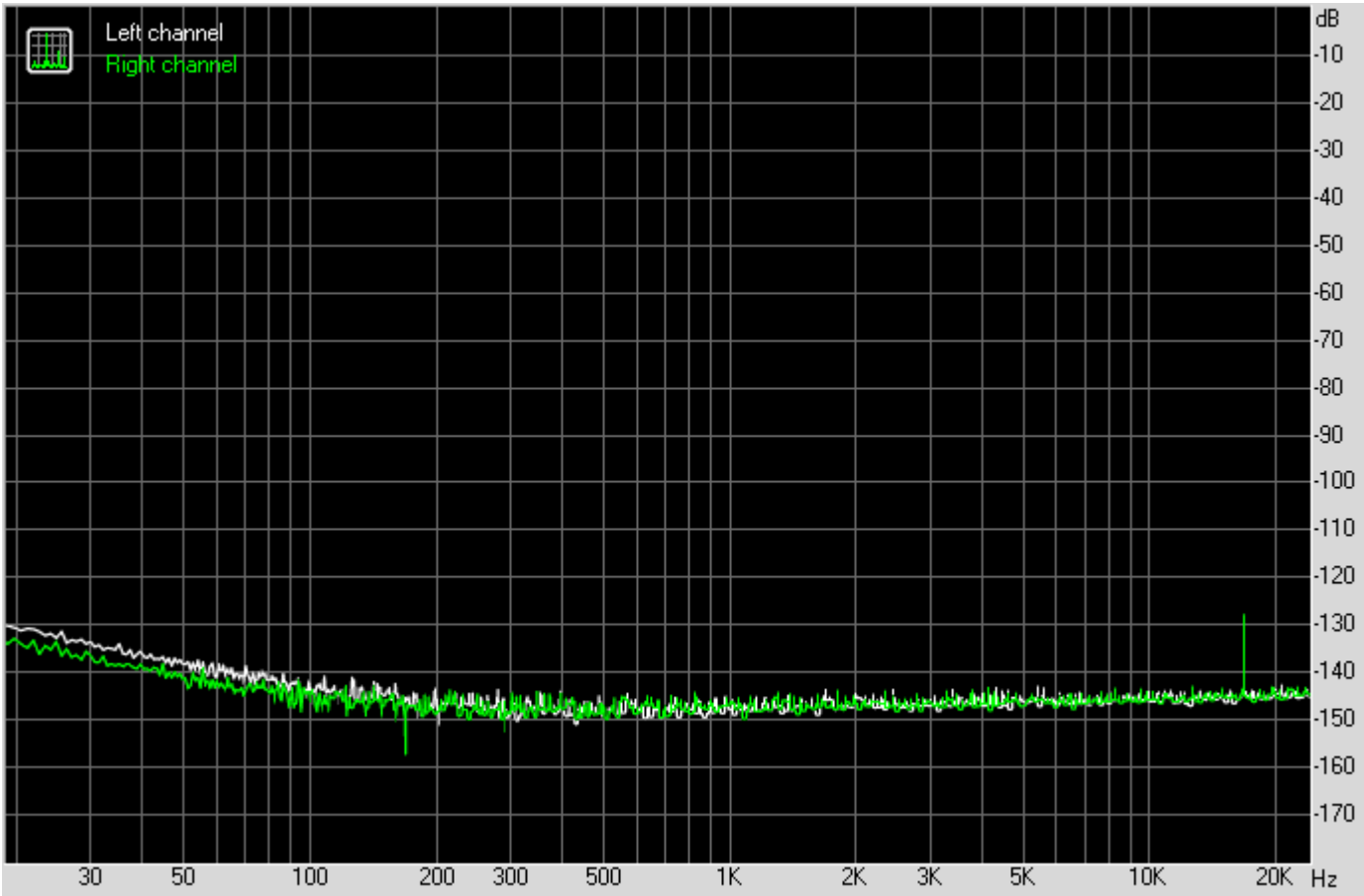
Frequency response (from 40 Hz to 15 kHz), dB	+0.01, -0.02	Excellent
Noise level, dB (A)	-110.7	Excellent
Dynamic range, dB (A)	110.8	Excellent
THD, %	0.00070	Excellent
THD + Noise, dB (A)	-97.8	Excellent
IMD + Noise, %	0.00129	Excellent
Stereo crosstalk, dB	-110.8	Excellent
IMD at 10 kHz, %	0.00126	Excellent
General performance		Excellent

Frequency response



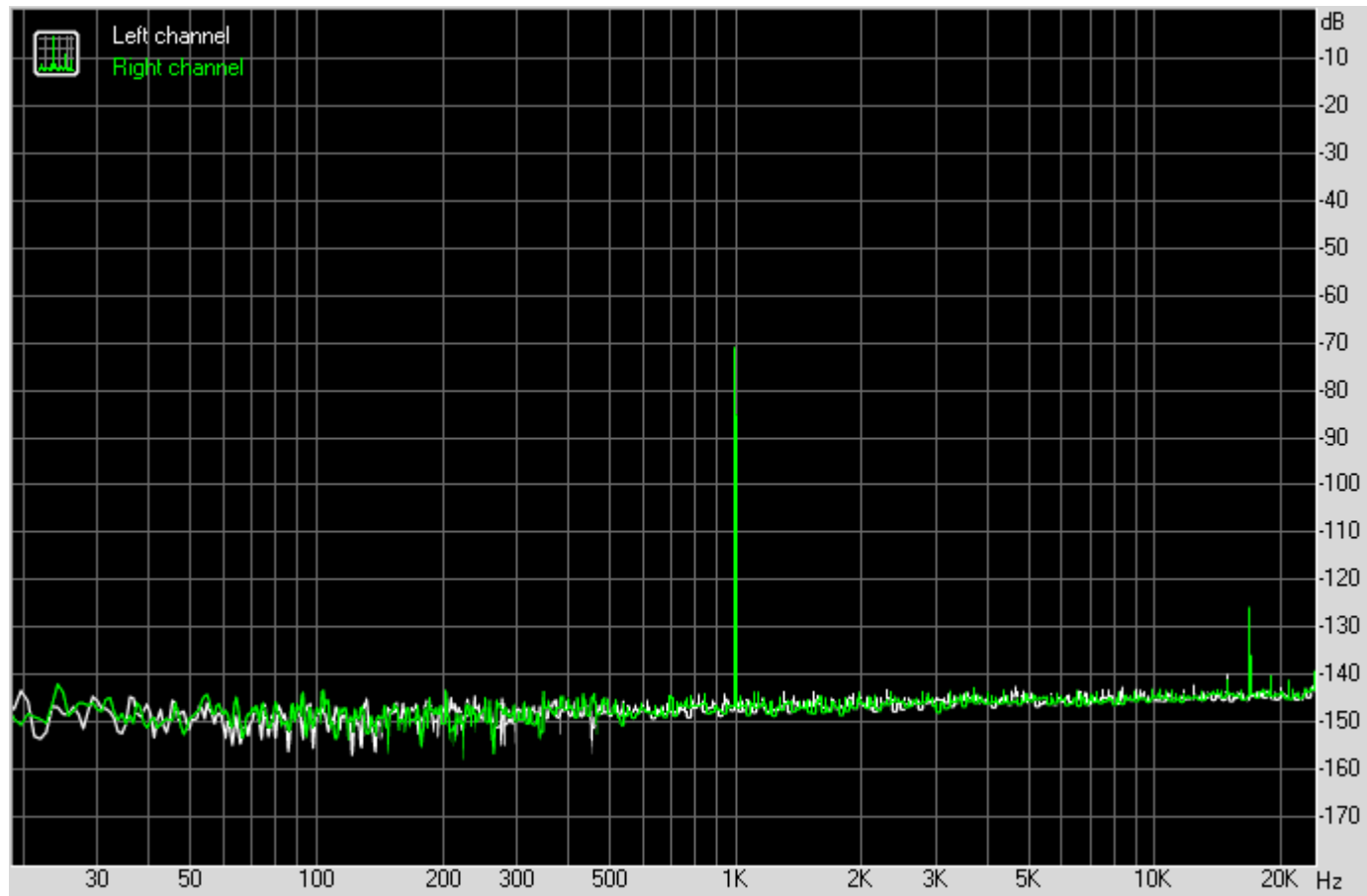
	Left	Right
From 20 Hz to 20 kHz, dB	-0.02, +0.02	-0.04, +0.01
From 40 Hz to 15 kHz, dB	-0.02, +0.01	-0.04, -0.01

Noise level

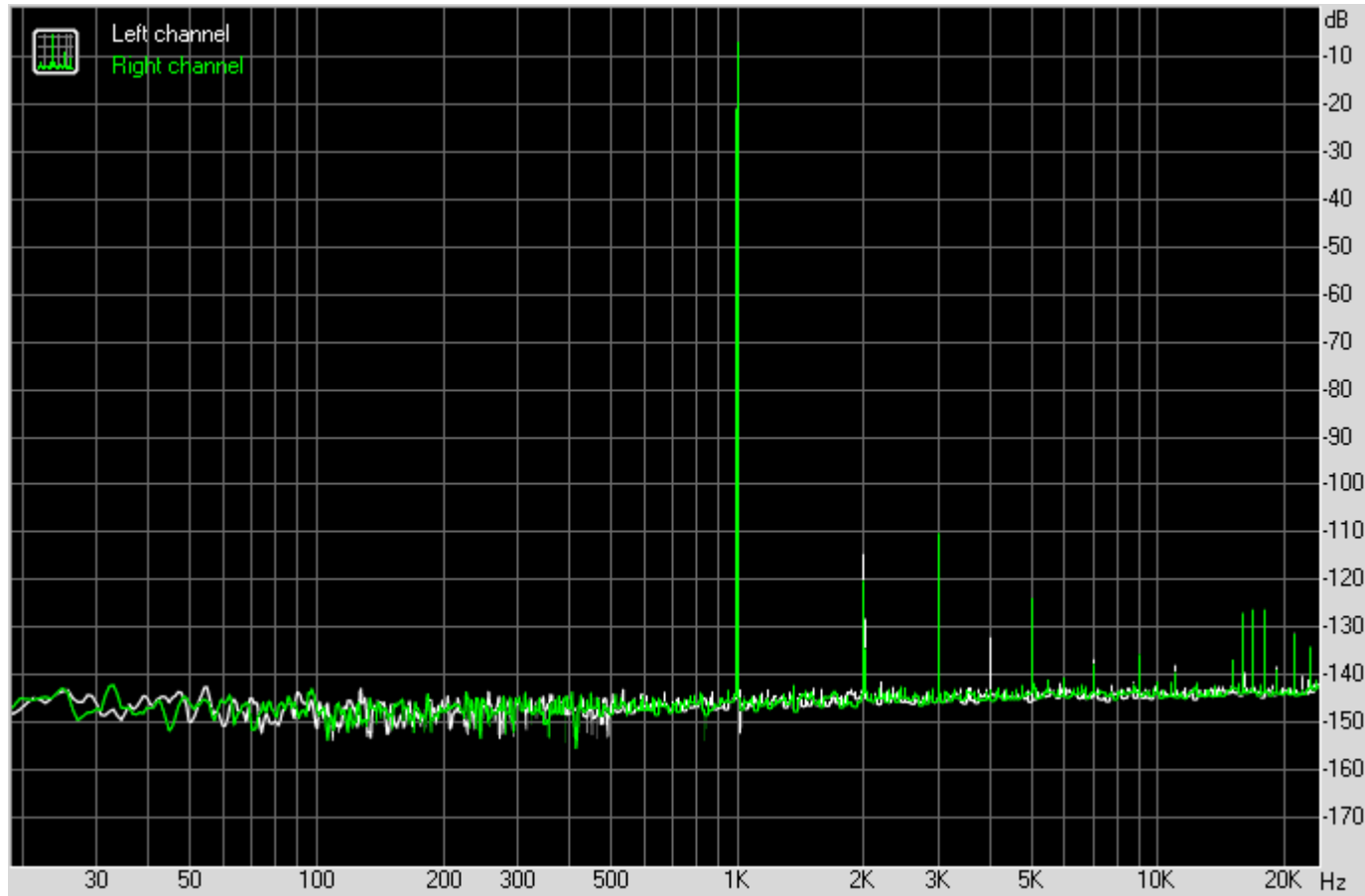


	Left	Right
RMS power, dB	-108.5	-108.8
RMS power (A-weighted), dB	-110.7	-110.7
Peak level, dB FS	-69.4	-71.6
DC offset, %	-0.0	-0.0

Dynamic range

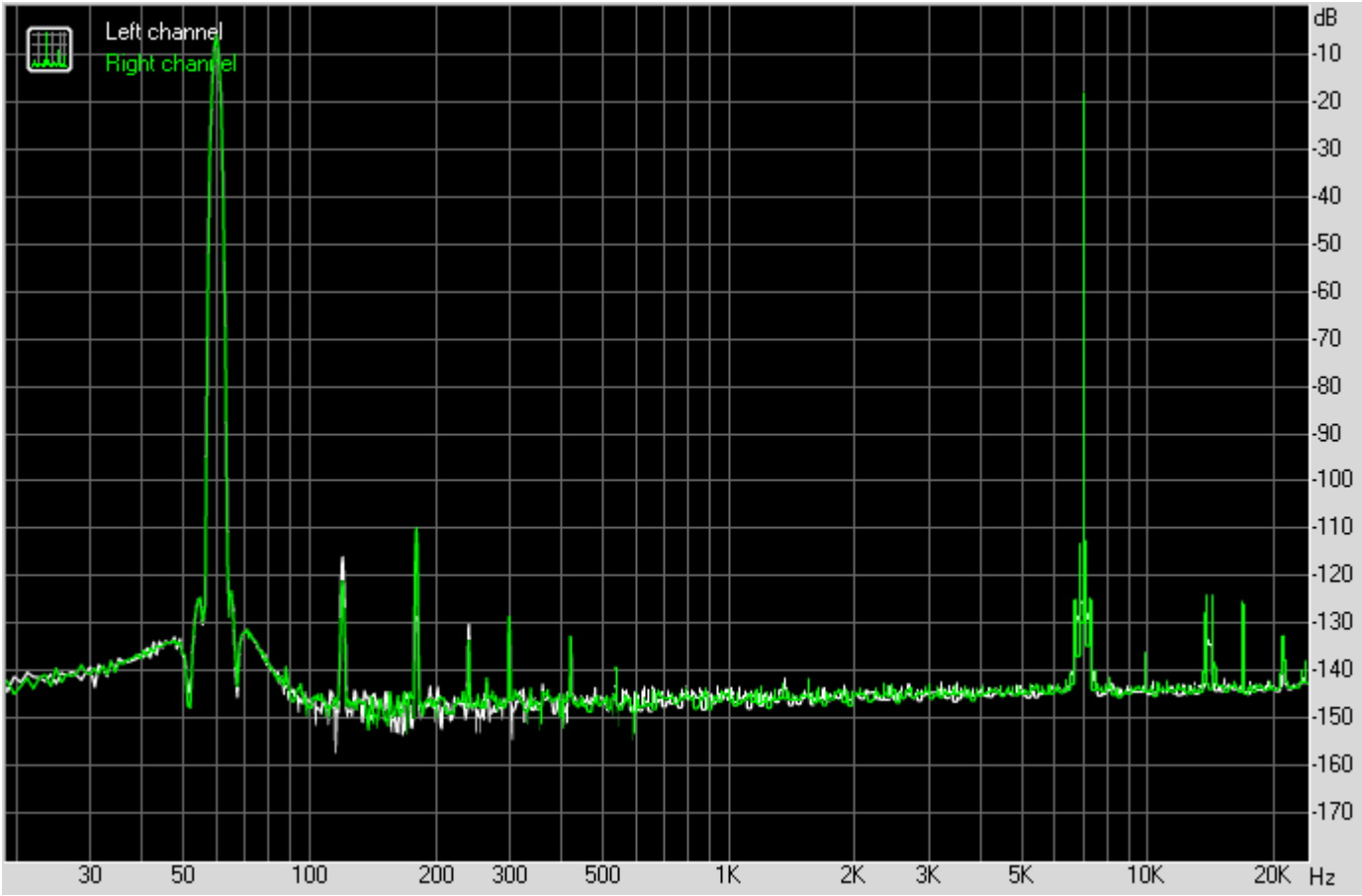


	Left	Right
Dynamic range, dB	+109.8	+109.6
Dynamic range (A-weighted), dB	+110.9	+110.7
DC offset, %	-0.02	-0.00

THD + Noise (at -3 dB FS)

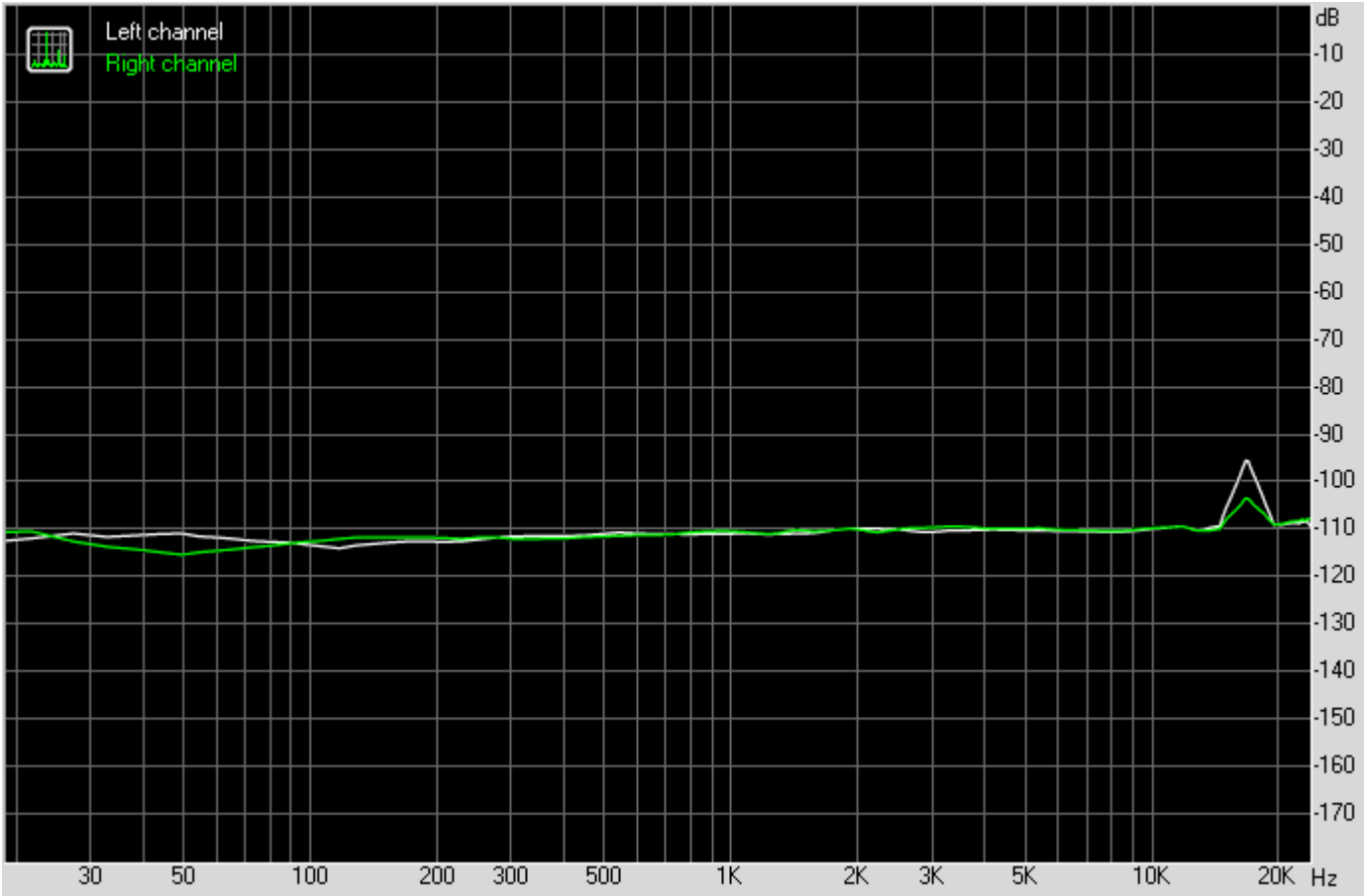
	Left	Right
THD, %	0.00064	0.00076
THD + Noise, %	0.00122	0.00129
THD + Noise (A-weighted), %	0.00123	0.00135

Intermodulation distortion



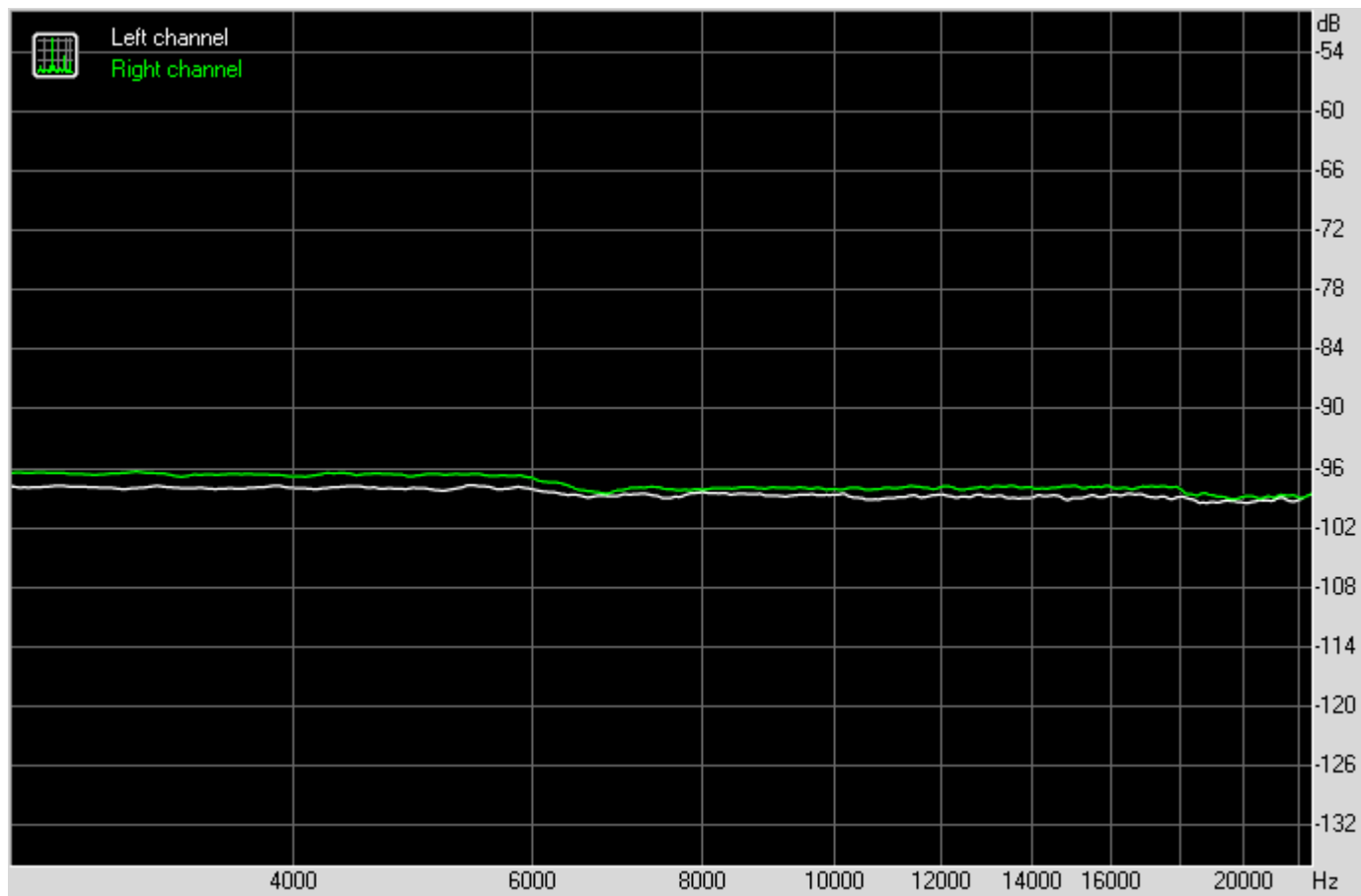
	Left	Right
IMD + Noise, %	0.00121	0.00137
IMD + Noise (A-weighted), %	0.00099	0.00109

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-112	-112
Crosstalk at 1000 Hz, dB	-110	-110
Crosstalk at 10000 Hz, dB	-109	-109

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.00126	0.00148
IMD + Noise at 10000 Hz,	0.00116	0.00125
IMD + Noise at 15000 Hz,	0.00112	0.00129