

RightMark Audio Analyzer test report

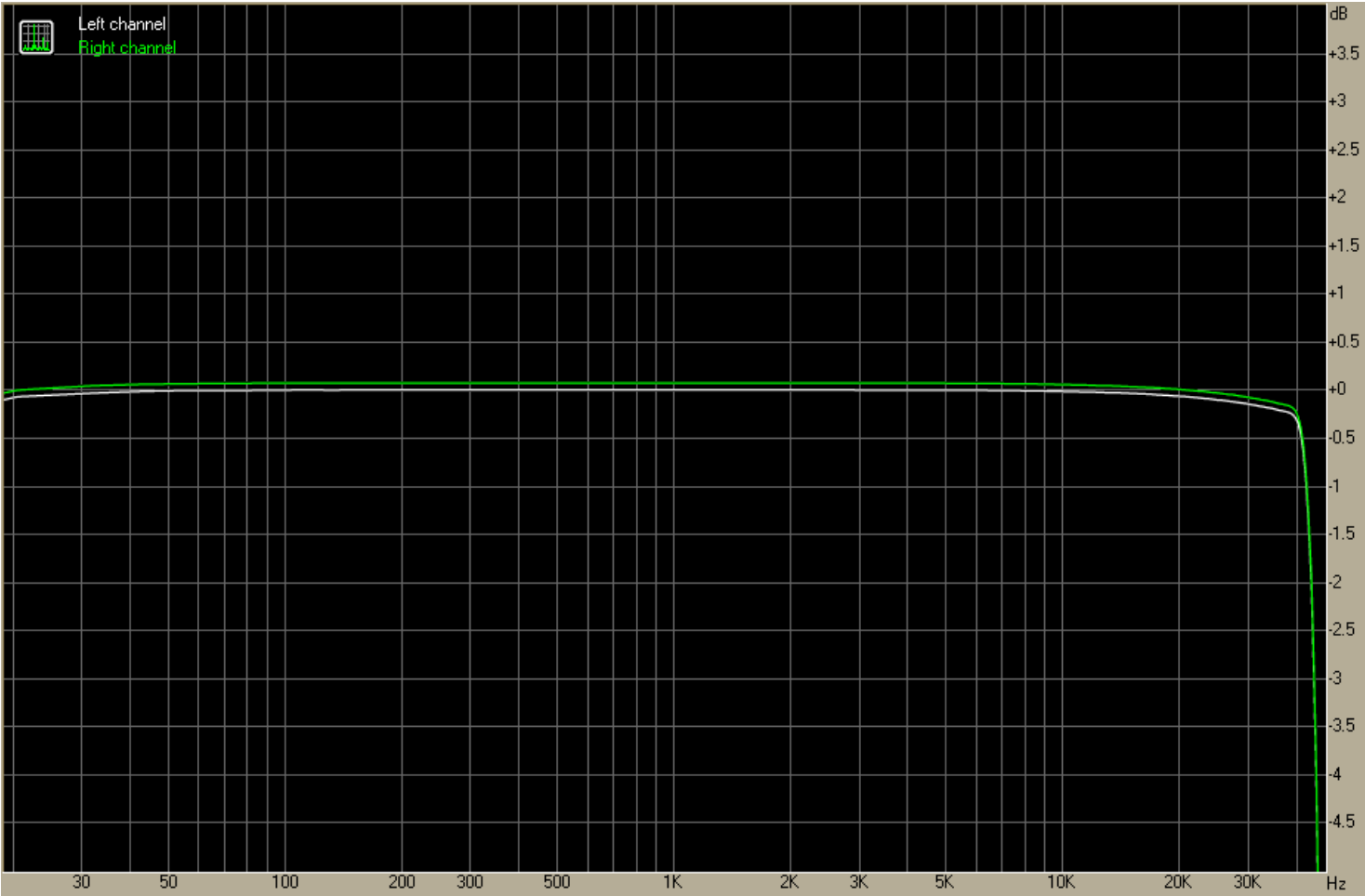
Testing device	2496
Sampling mode	24-bit, 96 kHz
Interface	
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.5

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	0.9 dB / 1.0 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

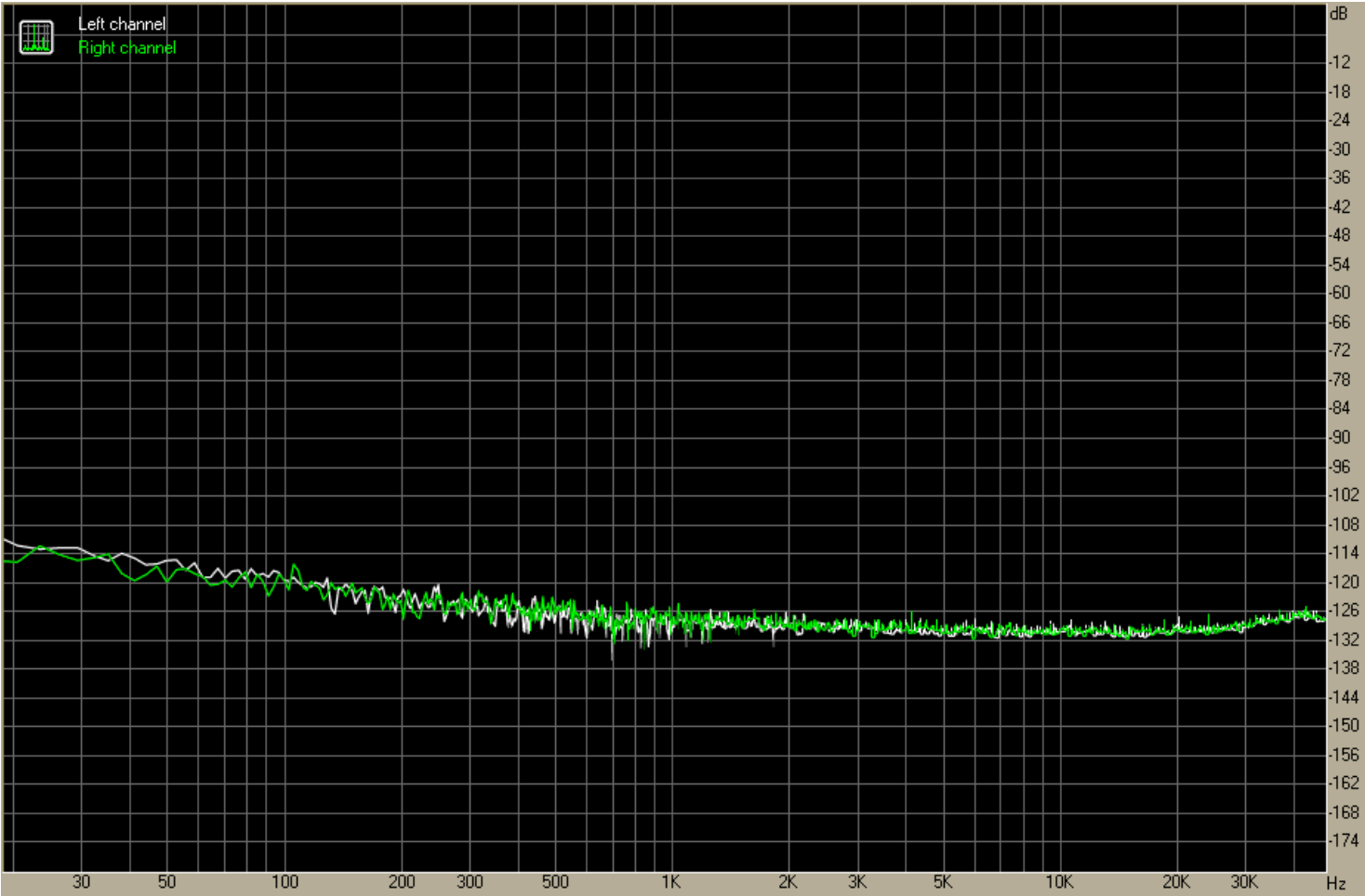
Frequency response (from 40 Hz to 15 kHz), dB	+0.08, +0.04	Excellent
Noise level, dB (A)	-97.2	Excellent
Dynamic range, dB (A)	97.1	Excellent
THD, %	0.00222	Excellent
THD + Noise, dB (A)	-87.6	Good
IMD + Noise, %	0.00461	Excellent
Stereo crosstalk, dB	-82.8	Very good
IMD at 10 kHz, %	0.00428	Excellent
General performance		Excellent

Frequency response



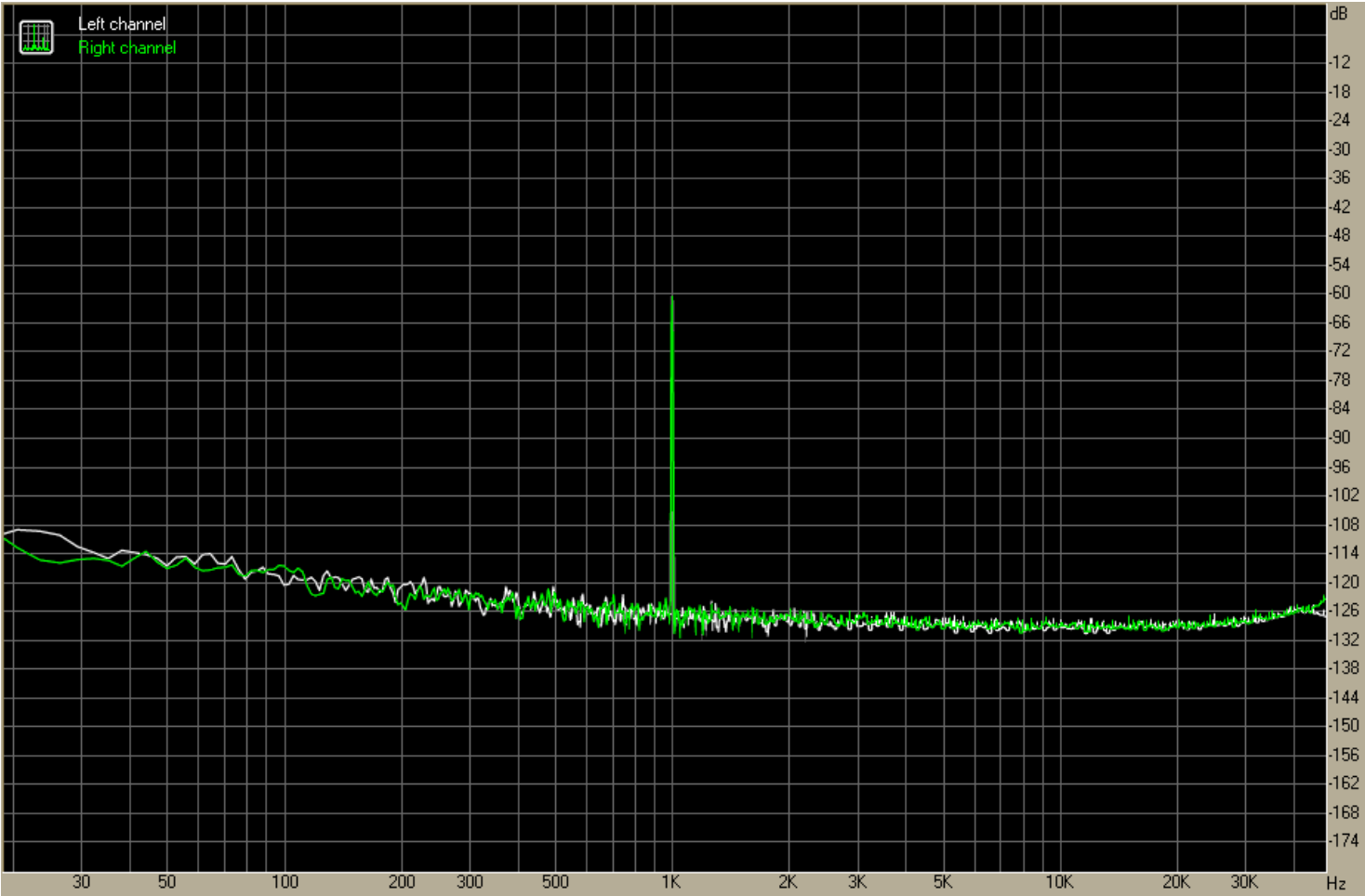
	Left	Right
From 20 Hz to 20 kHz, dB	-0.08, +0.00	-0.01, +0.08
From 40 Hz to 15 kHz, dB	-0.03, +0.00	+0.04, +0.08

Noise level



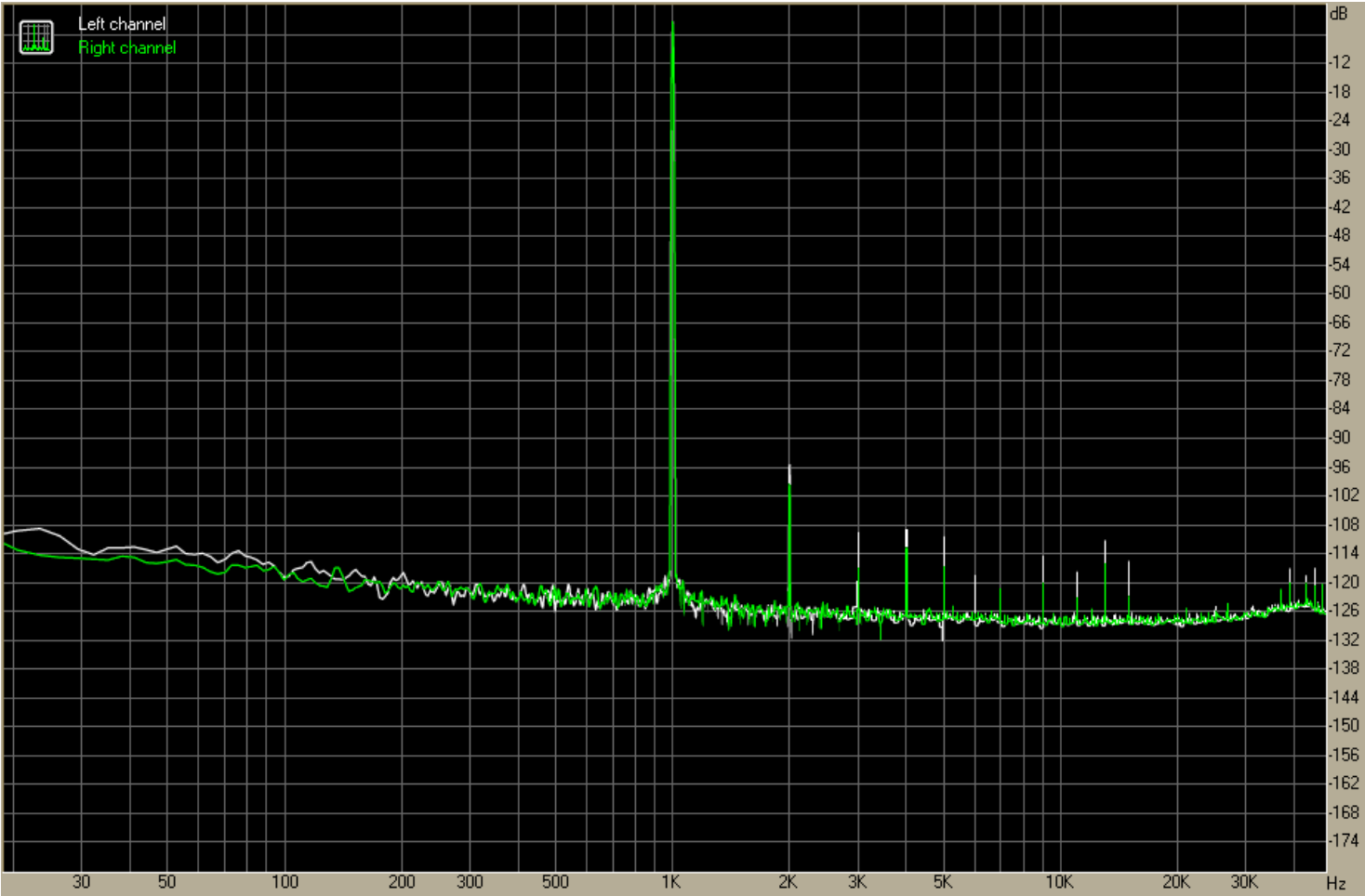
	Left	Right
RMS power, dB	-95.7	-95.8
RMS power (A-weighted), dB	-97.3	-97.0
Peak level, dB FS	-77.6	-77.6
DC offset, %	-0.0	-0.0

Dynamic range



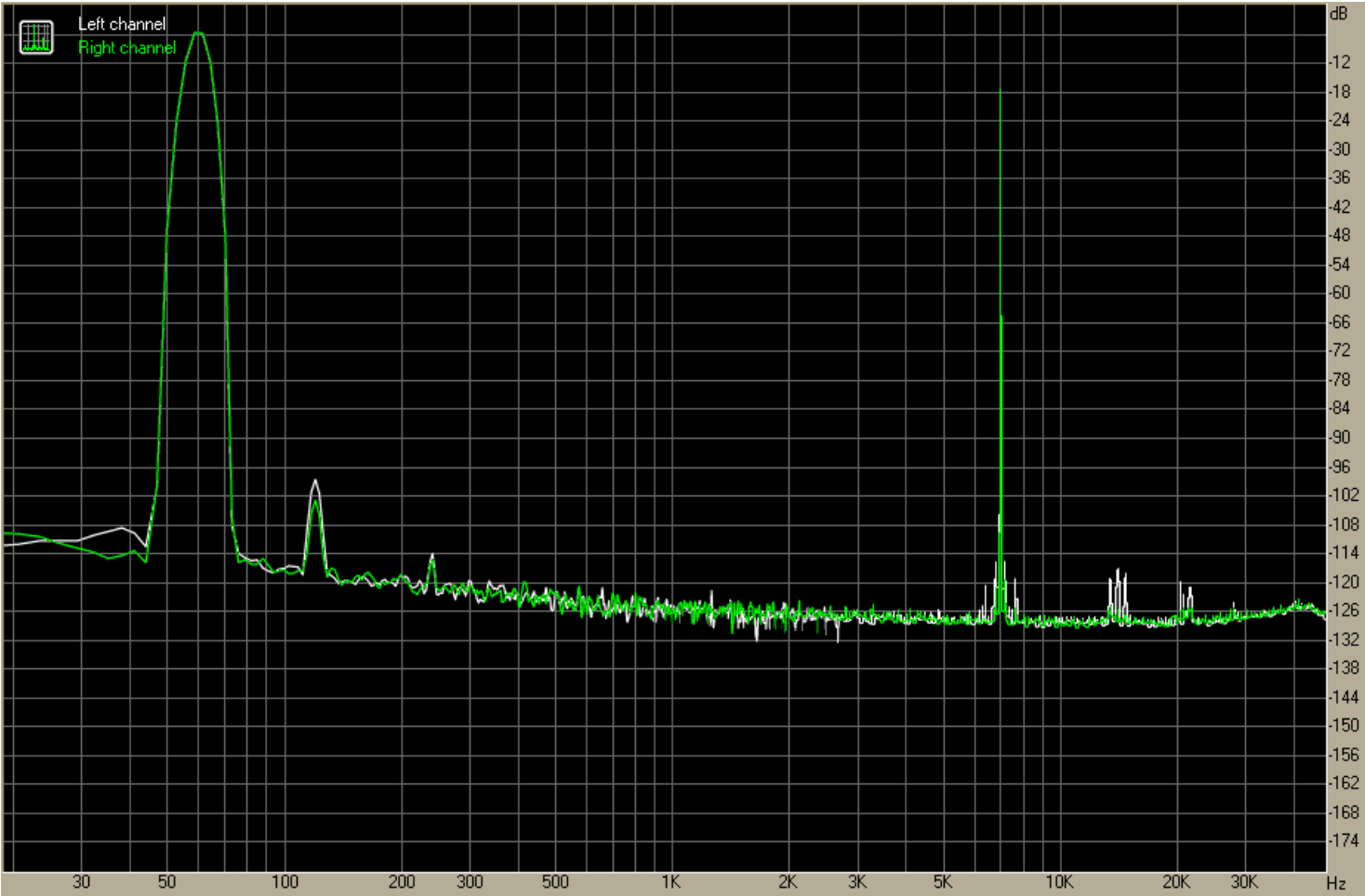
	Left	Right
Dynamic range, dB	+95.5	+95.7
Dynamic range (A-weighted), dB	+97.2	+97.0
DC offset, %	+0.00	+0.00

THD + Noise (at -3 dB FS)



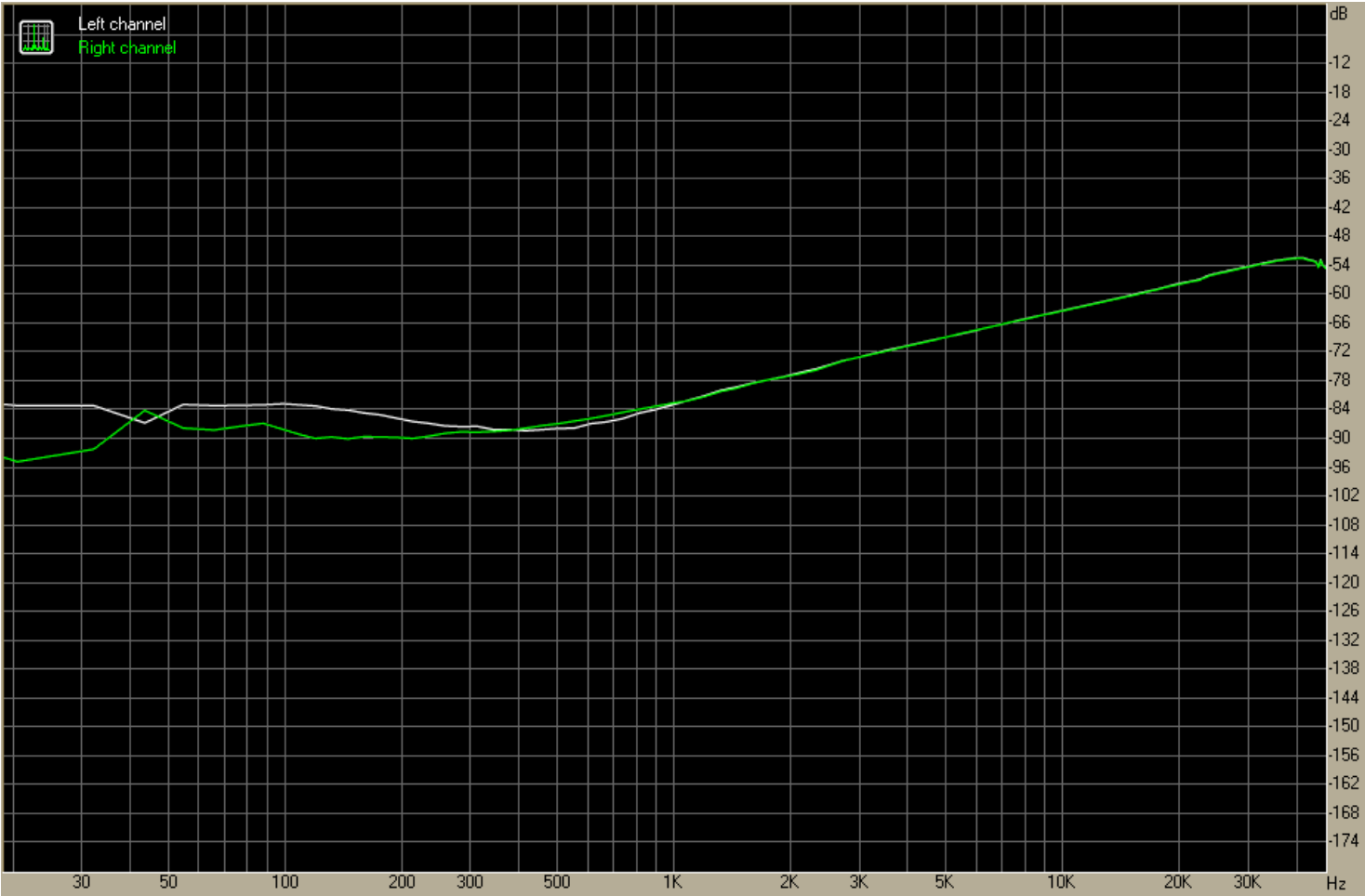
	Left	Right
THD, %	0.00275	0.00169
THD + Noise, %	0.00443	0.00377
THD + Noise (A-weighted), %	0.00462	0.00375

Intermodulation distortion



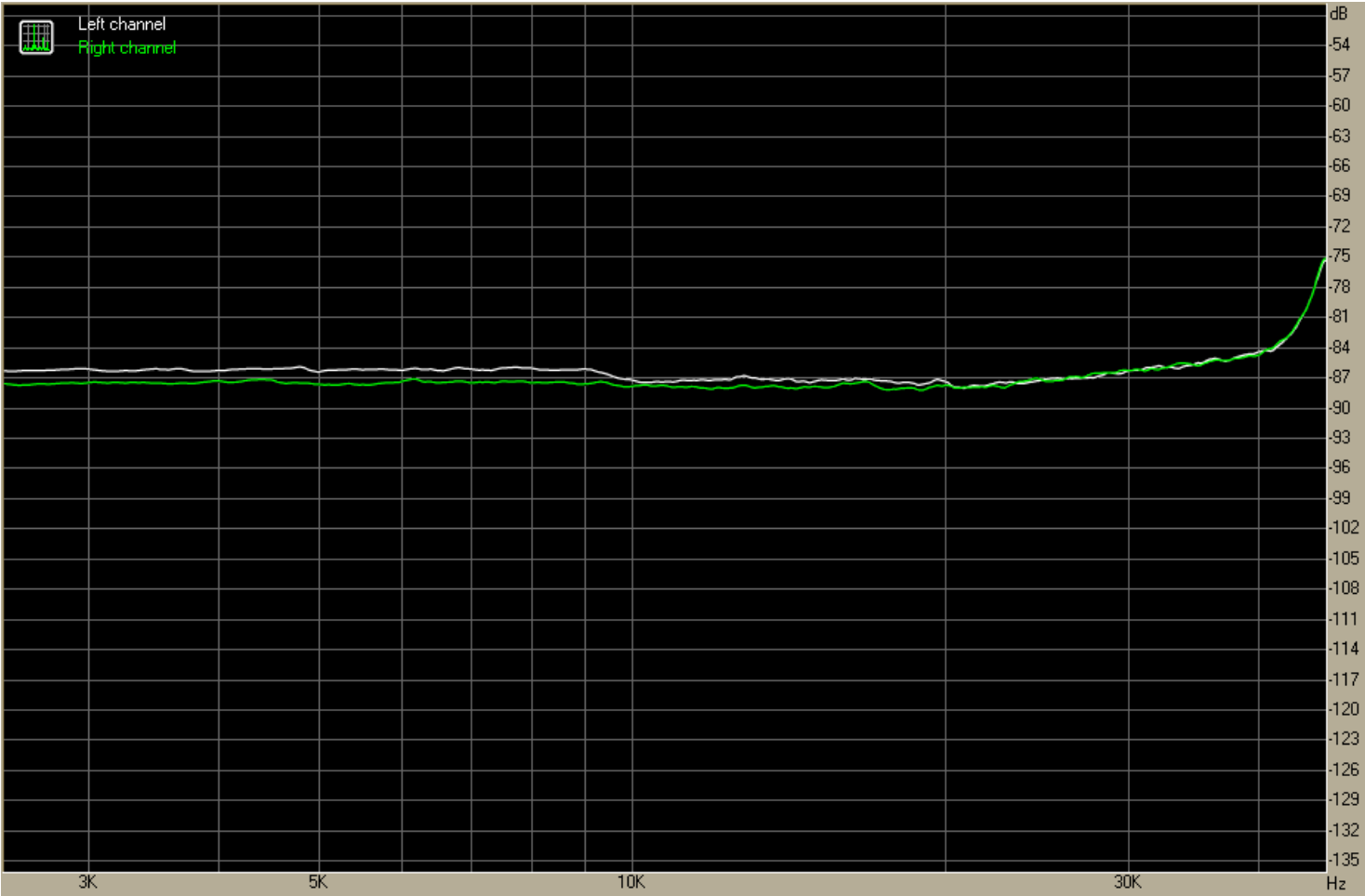
	Left	Right
IMD + Noise, %	0.00485	0.00438
IMD + Noise (A-weighted), %	0.00380	0.00373

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-82	-87
Crosstalk at 1000 Hz, dB	-82	-82
Crosstalk at 10000 Hz, dB	-62	-63

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.00479	0.00414
IMD + Noise at 10000 Hz,	0.00435	0.00405
IMD + Noise at 15000 Hz,	0.00430	0.00405