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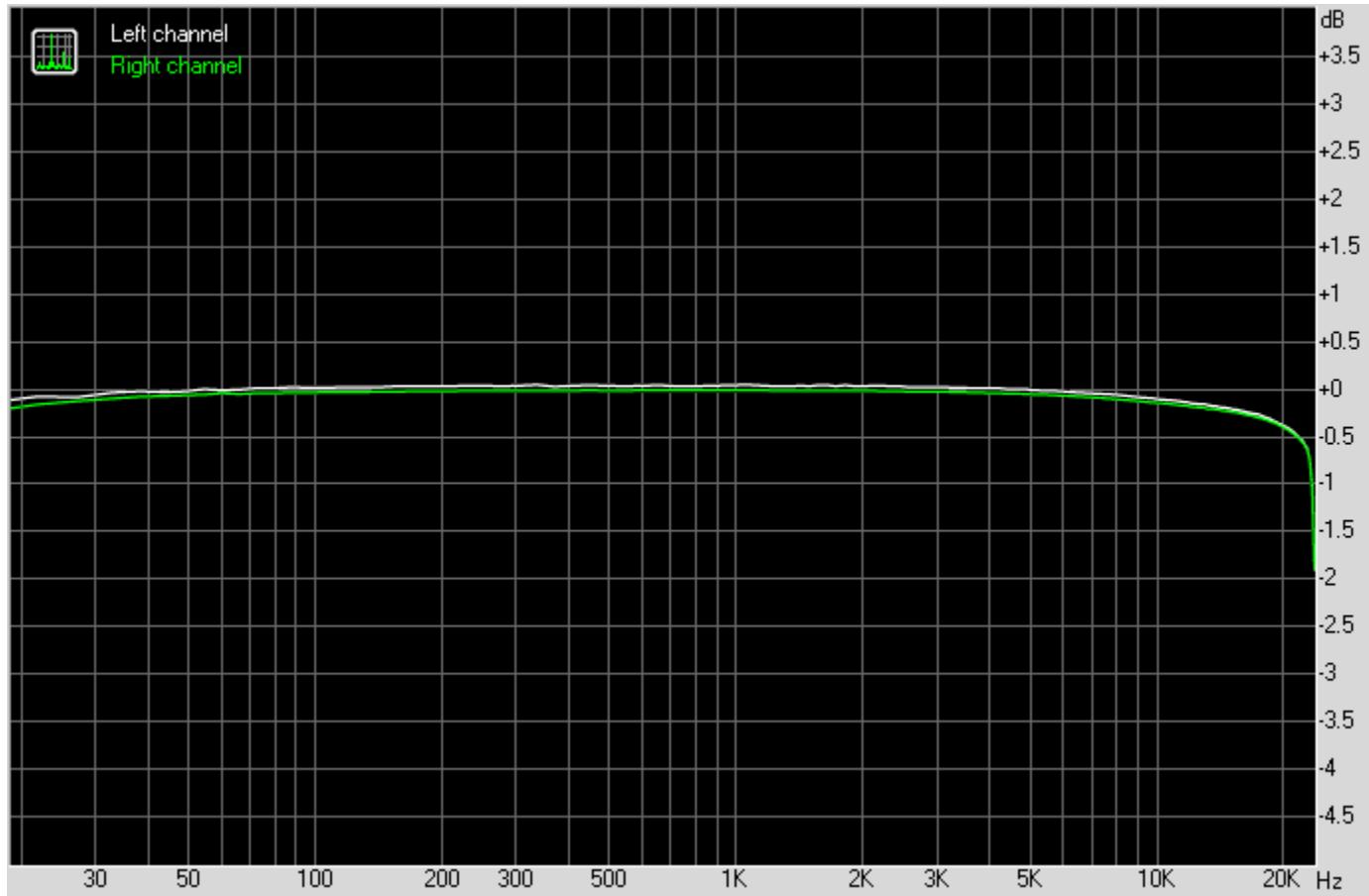
Testing device	[ASIO] Focusrite USB ASIO
Sampling mode	24-bit, 48 kHz
Interface	ASIO
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.5

|	
20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-5.8 dB / -5.9 dB
Mono mode	OFF
Calibration singal, Hz	1000
Polarity	correct/correct

Summary
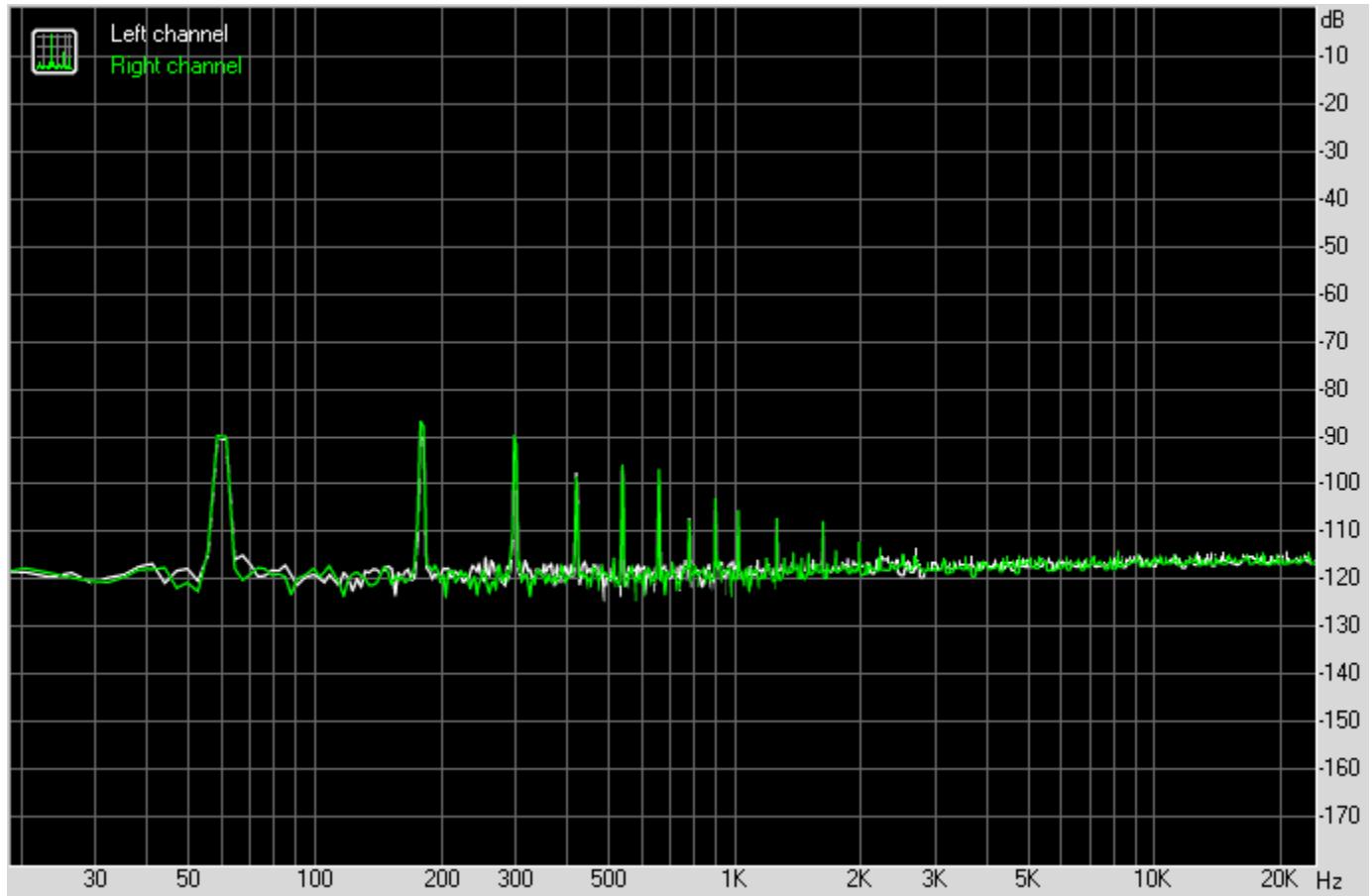
Frequency response (from 40 Hz to 15 kHz), dB	+0.04, -0.21	Very good
Noise level, dB (A)	-84.4	Good
Dynamic range, dB (A)	84.3	Good
THD, %	0.265	Poor
THD + Noise, dB (A)	-49.2	Poor
IMD + Noise, %	0.251	Average
Stereo crosstalk, dB	-77.0	Very good
IMD at 10 kHz, %	0.239	Average
General performance		**Good**

## Frequency response
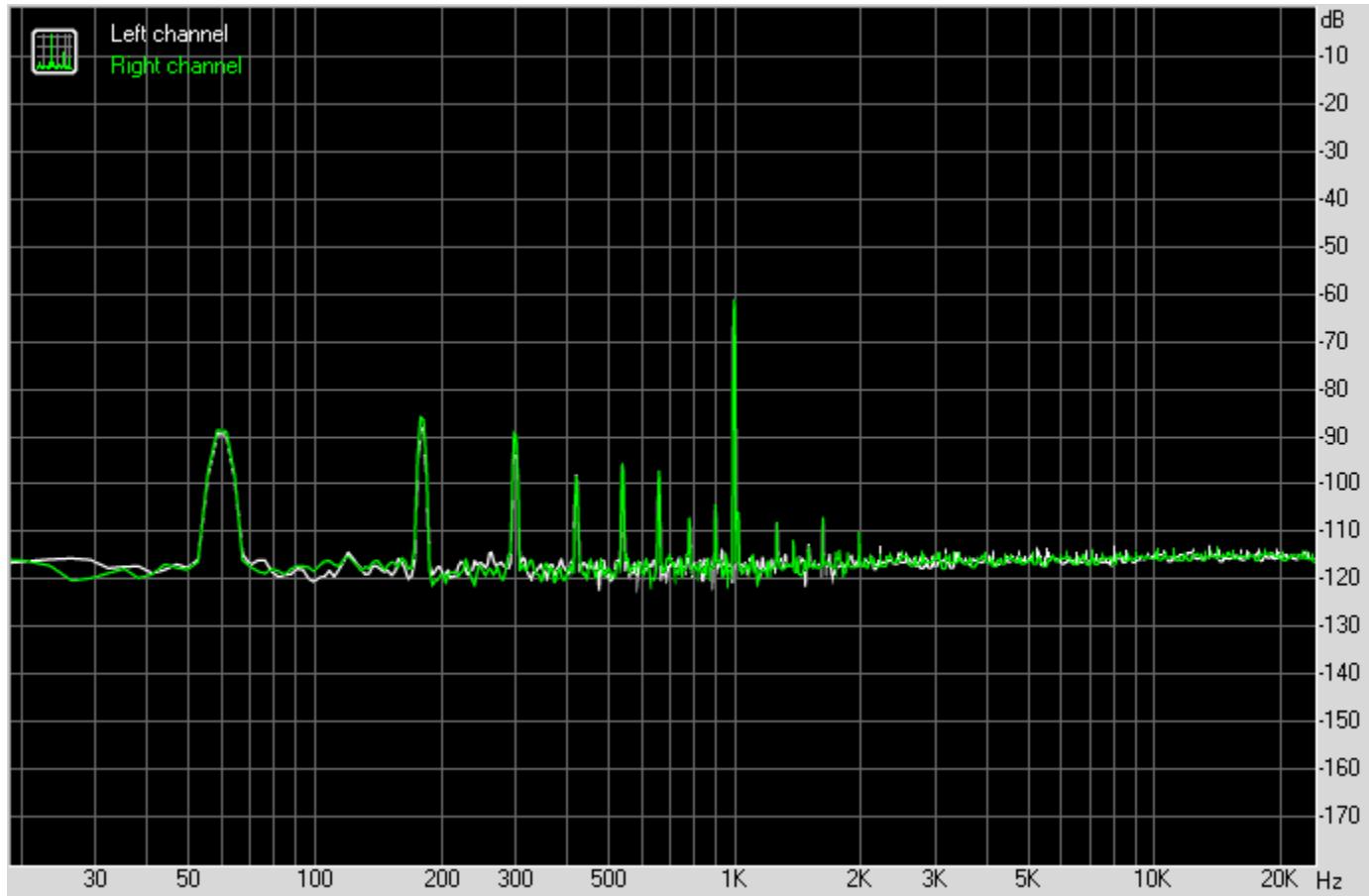
	Left	Right
From 20 Hz to 20 kHz, dB	-0.38, +0.04	-0.41, -0.01
From 40 Hz to 15 kHz, dB	-0.21, +0.04	-0.24, -0.01

Noise level
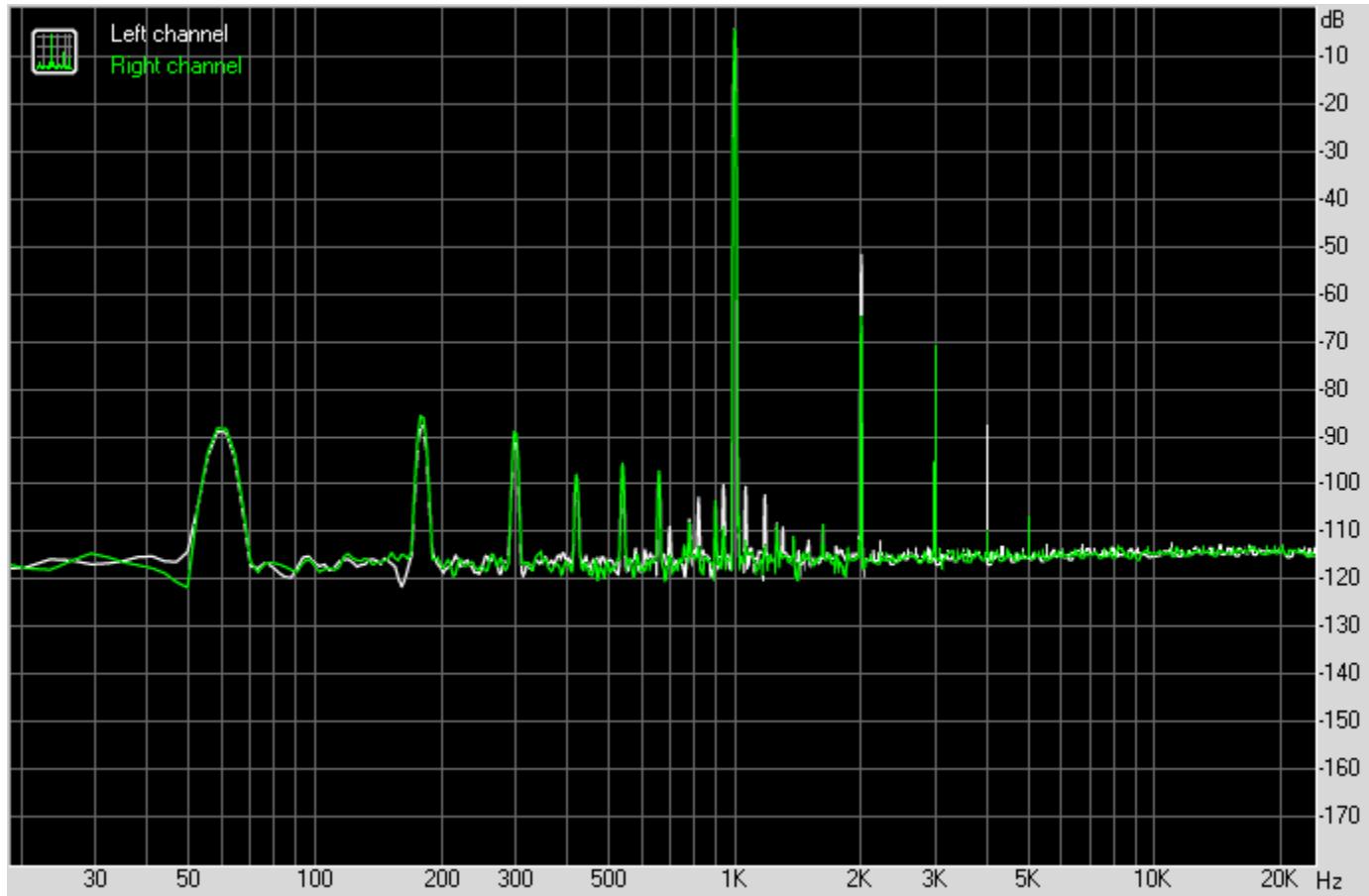
	Left	Right
RMS power, dB	-81.8	-81.3
RMS power (A-weighted), dB	-84.4	-84.3
Peak level, dB FS	-65.9	-67.3
DC offset, %	+0.0	+0.0

Dynamic range
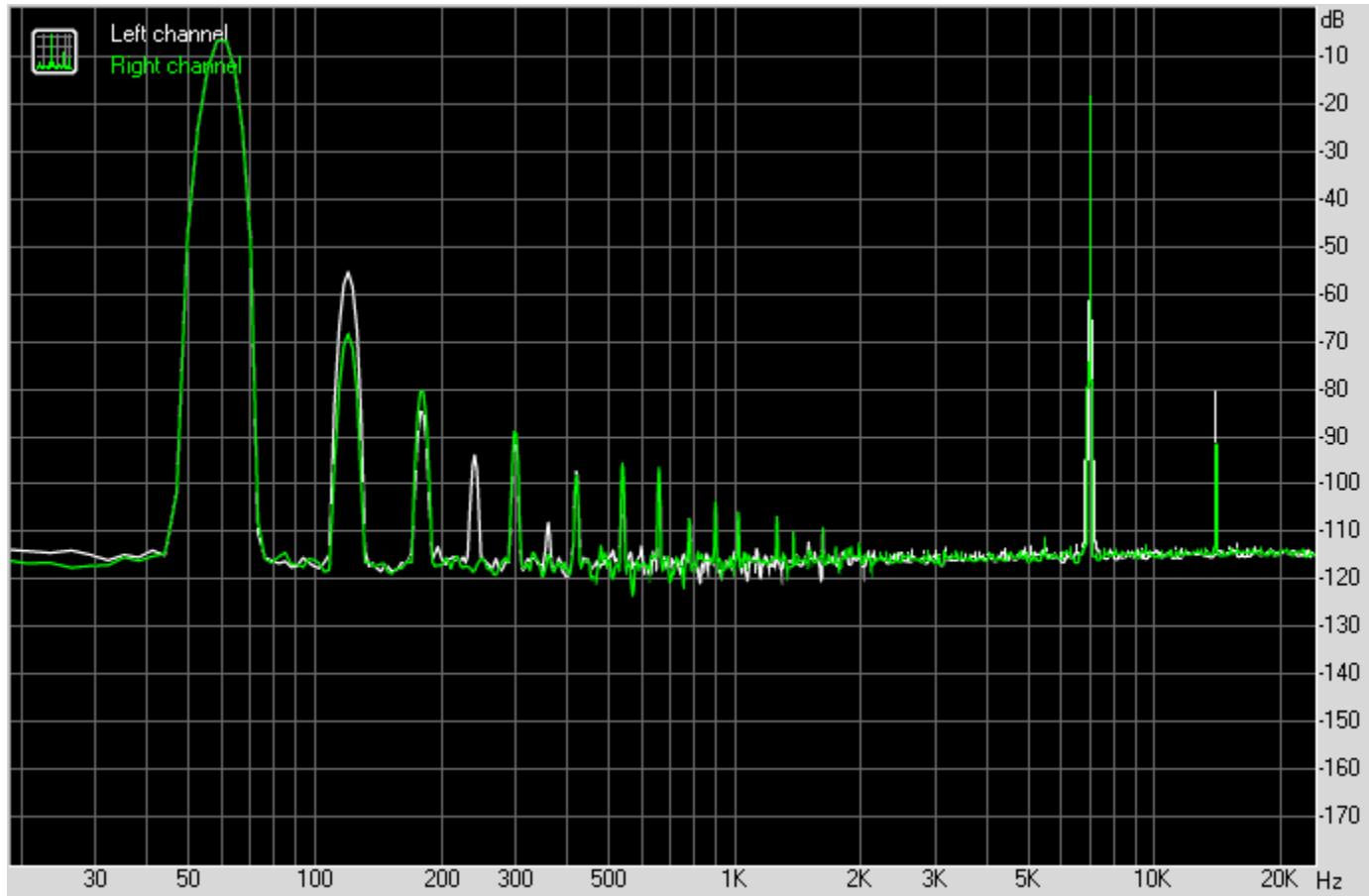
|	Left	Right
Dynamic range, dB	+81.8	+81.3
Dynamic range (A-weighted), dB	+84.4	+84.3
DC offset, %	+0.00	+0.00

THD + Noise (at -3 dB FS)
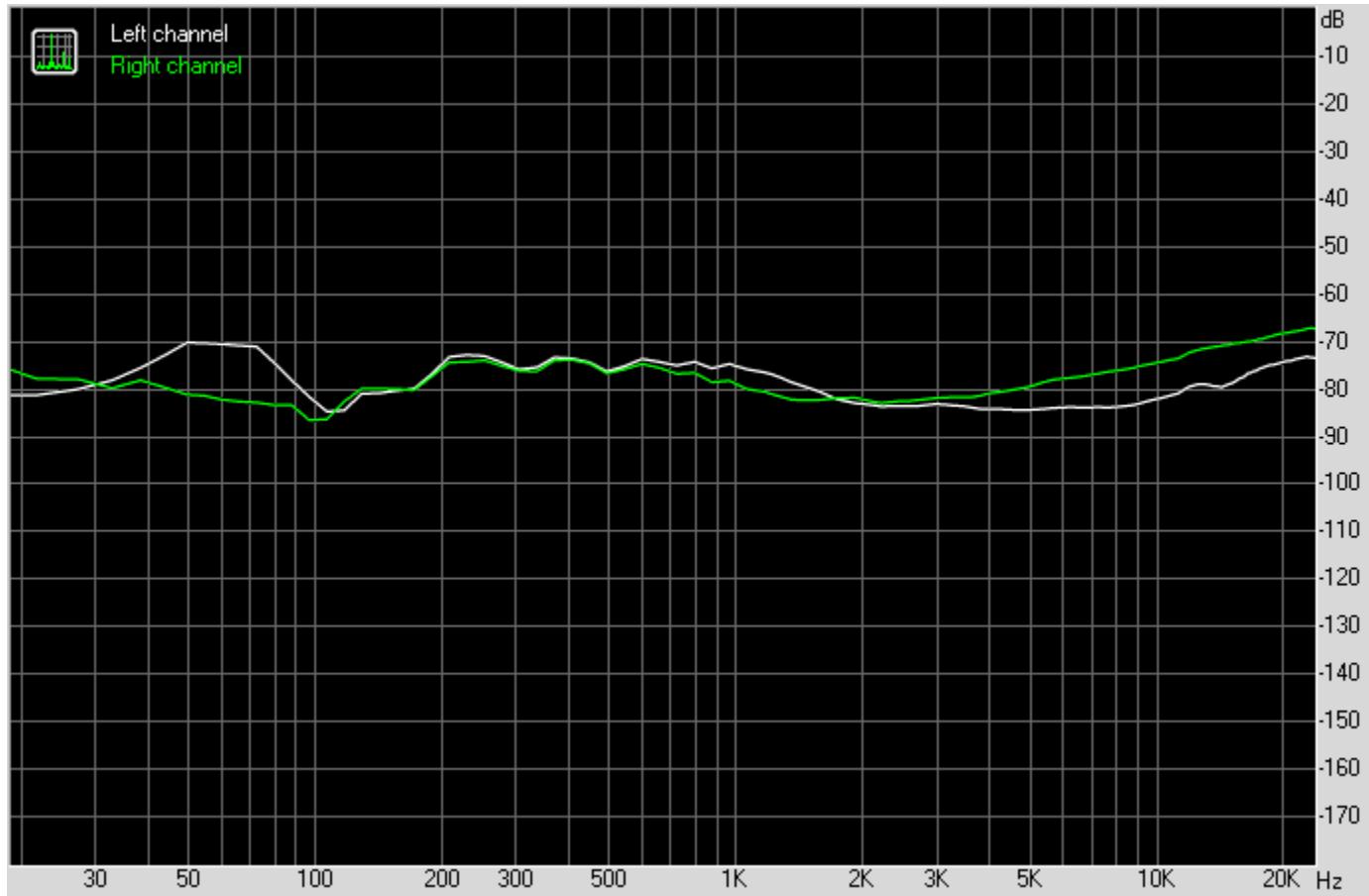
	Left	Right
THD, %	0.42249	0.10720
THD + Noise, %	0.42286	0.10893
THD + Noise (A-weighted), %	0.55073	0.14120

Intermodulation distortion
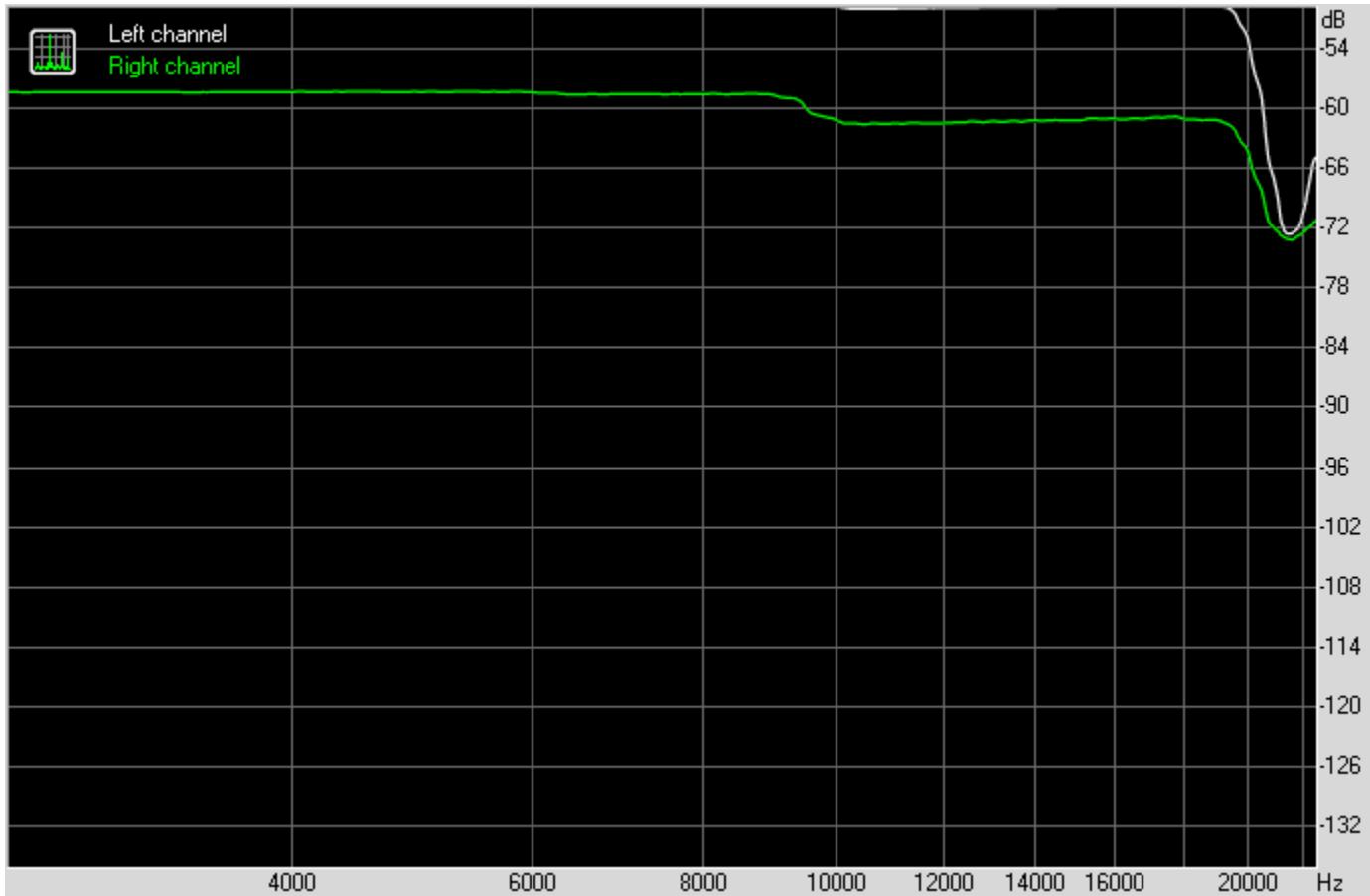
	Left	Right
IMD + Noise, %	0.40049	0.10076
IMD + Noise (A-weighted), %	0.23752	0.06530

Stereo crosstalk

	Left	Right
Crosstalk at 100 Hz, dB	-82	-85
Crosstalk at 1000 Hz, dB	-74	-78
Crosstalk at 10000 Hz, dB	-81	-73

IMD (swept tones)

	Left	Right
IMD + Noise at 5000 Hz,	0.47957	0.12108
IMD + Noise at 10000 Hz,	0.33309	0.08778
IMD + Noise at 15000 Hz,	0.32639	0.08712