

RightMark Audio Analyzer test report

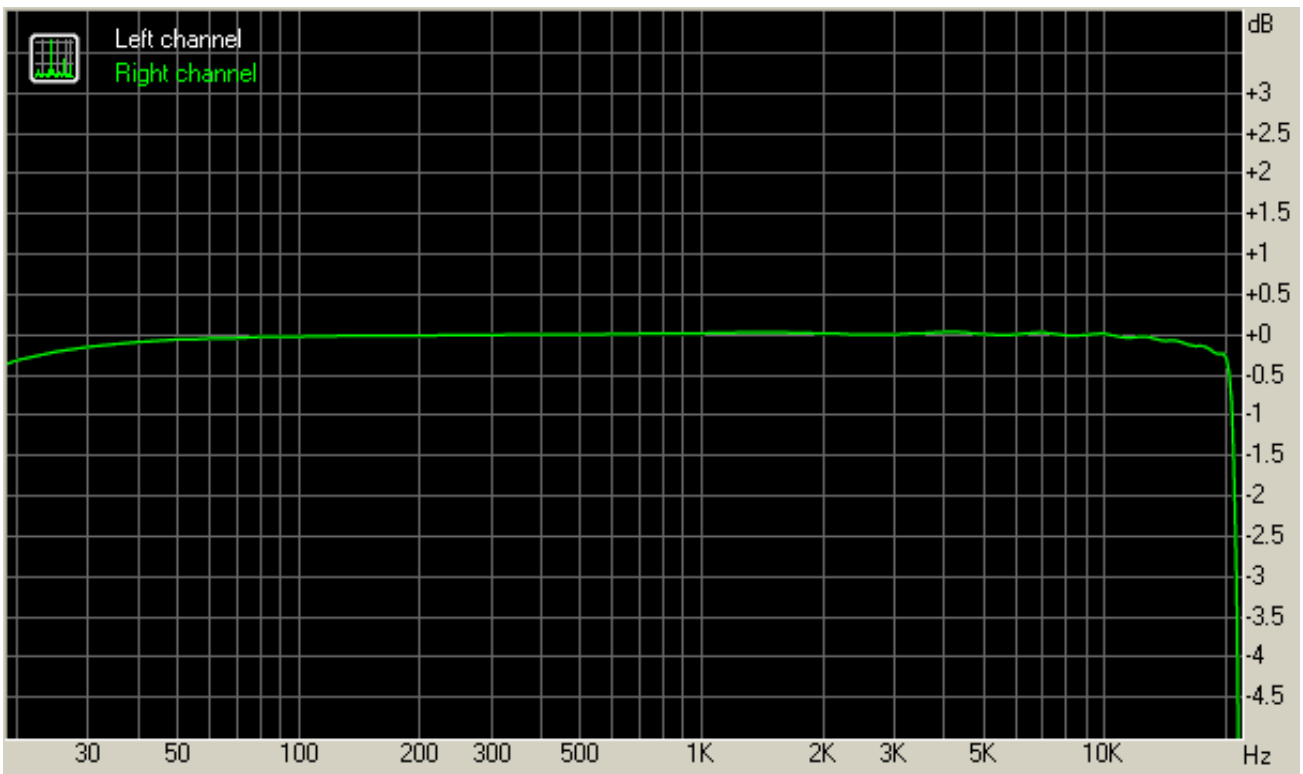
Testing device	MRL-7294 (Out = 5W, Load = 8R)
Sampling mode	16-bit, 44 kHz
Interface	
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.0

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-1.7 dB / -1.7 dB
Mono mode	ON
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

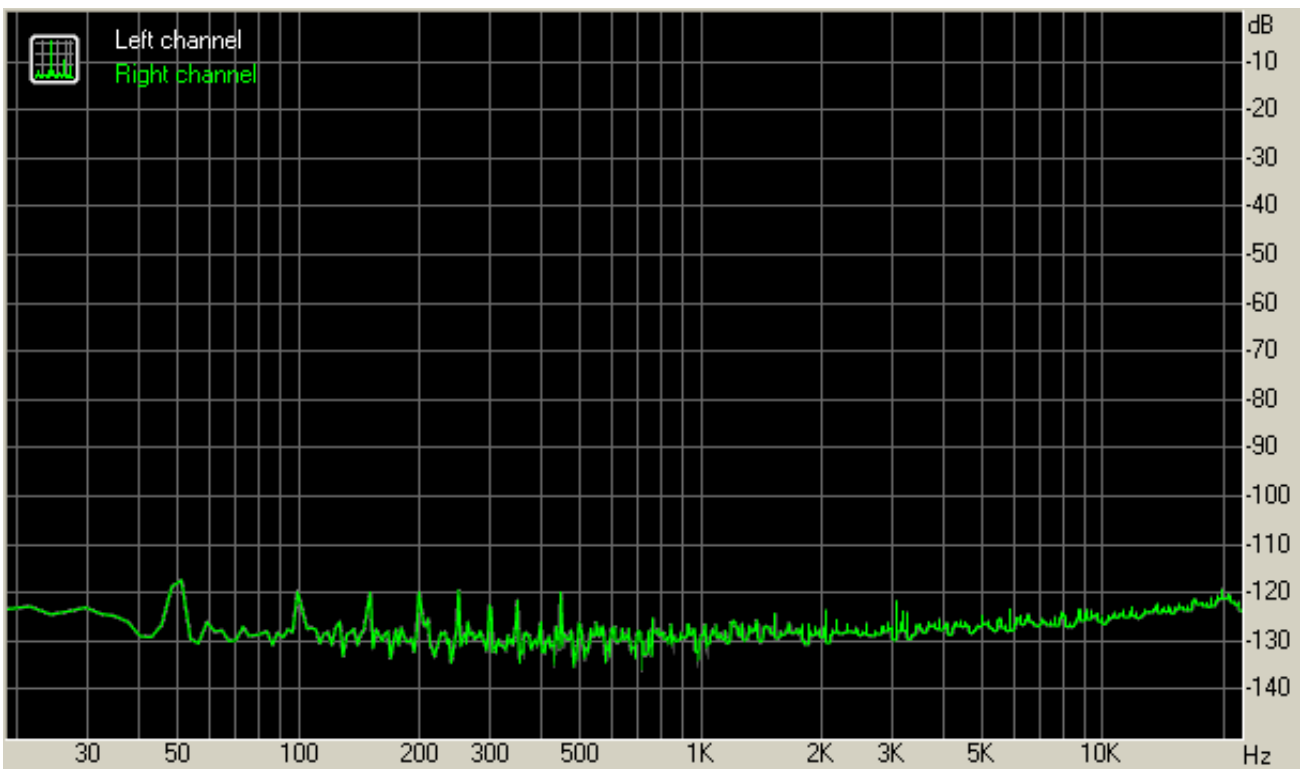
Frequency response (from 40 Hz to 15 kHz), dB	+0.03, -0.09	Excellent
Noise level, dB (A)	-94.7	Very good
Dynamic range, dB (A)	94.8	Very good
THD, %	0.0020	Excellent
THD + Noise, dB (A)	-86.9	Good
IMD + Noise, %	0.0061	Excellent
IMD at 10 kHz, %	0.0067	Excellent
General performance		Very good

Frequency response



	Left	Right
From 20 Hz to 20 kHz, dB	-0.32, +0.03	-0.32, +0.03
From 40 Hz to 15 kHz, dB	-0.09, +0.03	-0.09, +0.03

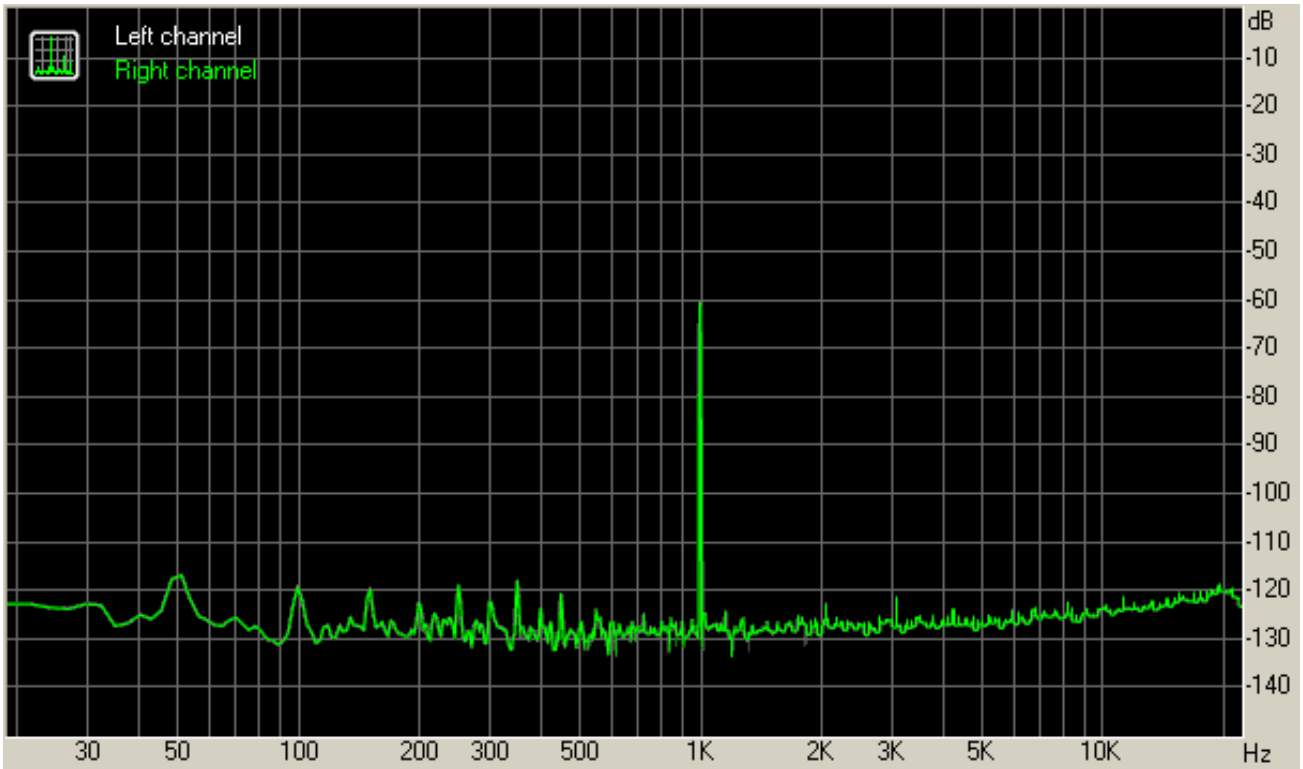
Noise level



	Left	Right
RMS power, dB	-92.3	-92.3
RMS power (A-weighted), dB	-94.7	-94.7

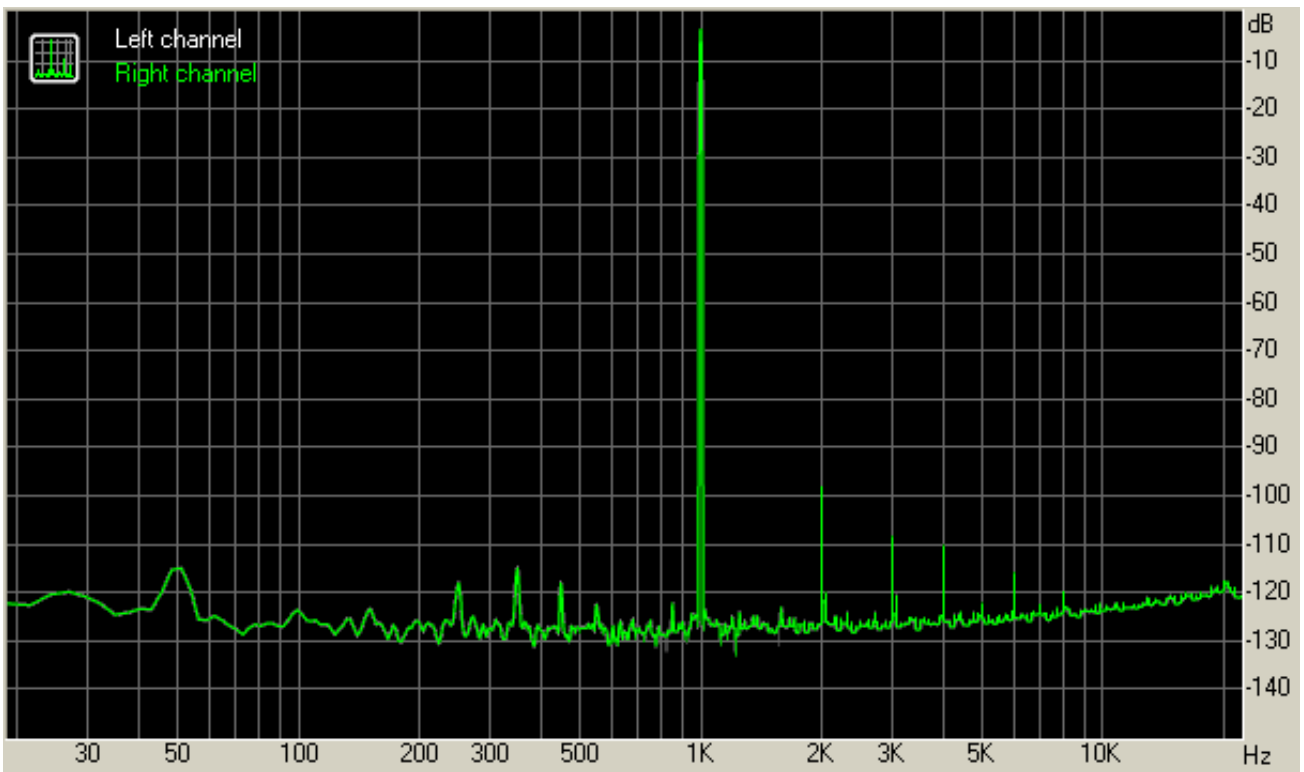
Peak level, dB FS	-80.5	-80.5
DC offset, %	-0.0	-0.0

Dynamic range



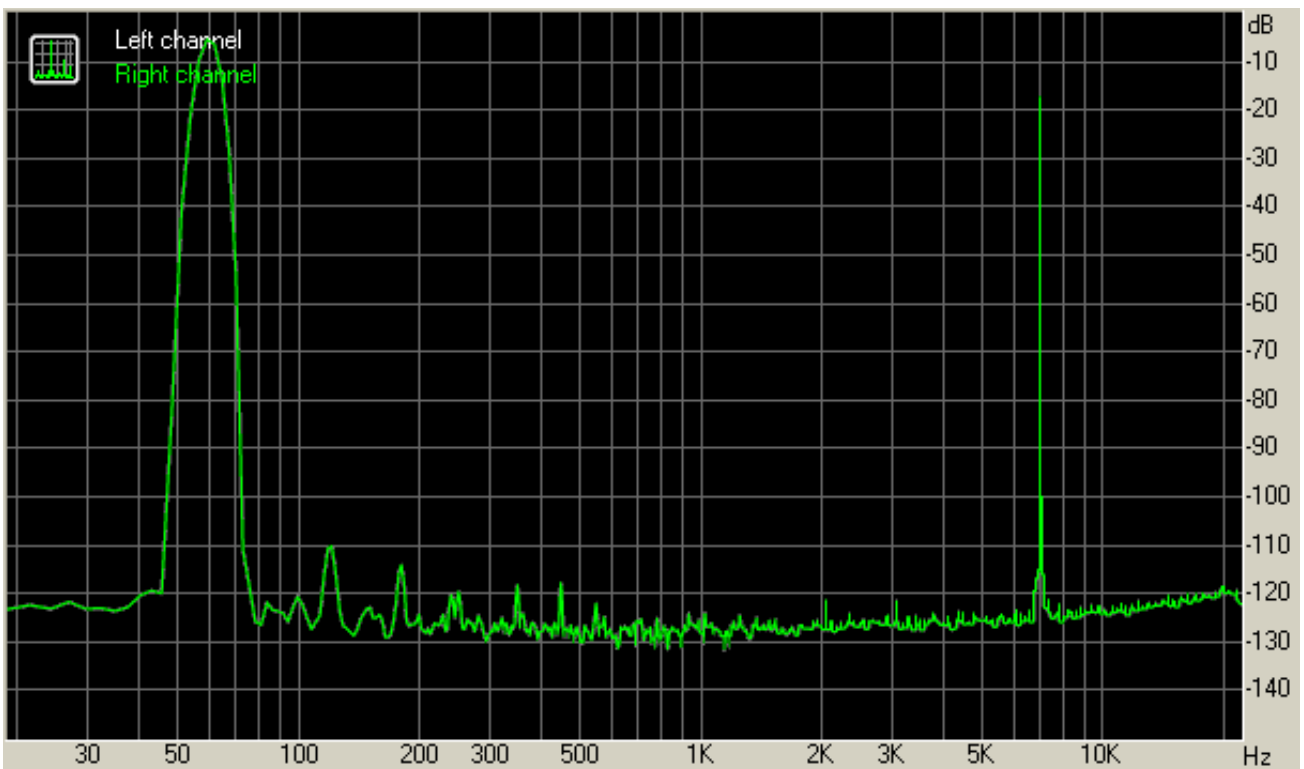
	Left	Right
Dynamic range, dB	+92.3	+92.3
Dynamic range (A-weighted), dB	+94.8	+94.8
DC offset, %	-0.00	-0.00

THD + Noise (at -3 dB FS)



	Left	Right
THD, %	+0.0020	+0.0020
THD + Noise, %	+0.0053	+0.0053
THD + Noise (A-weighted), %	+0.0045	+0.0045

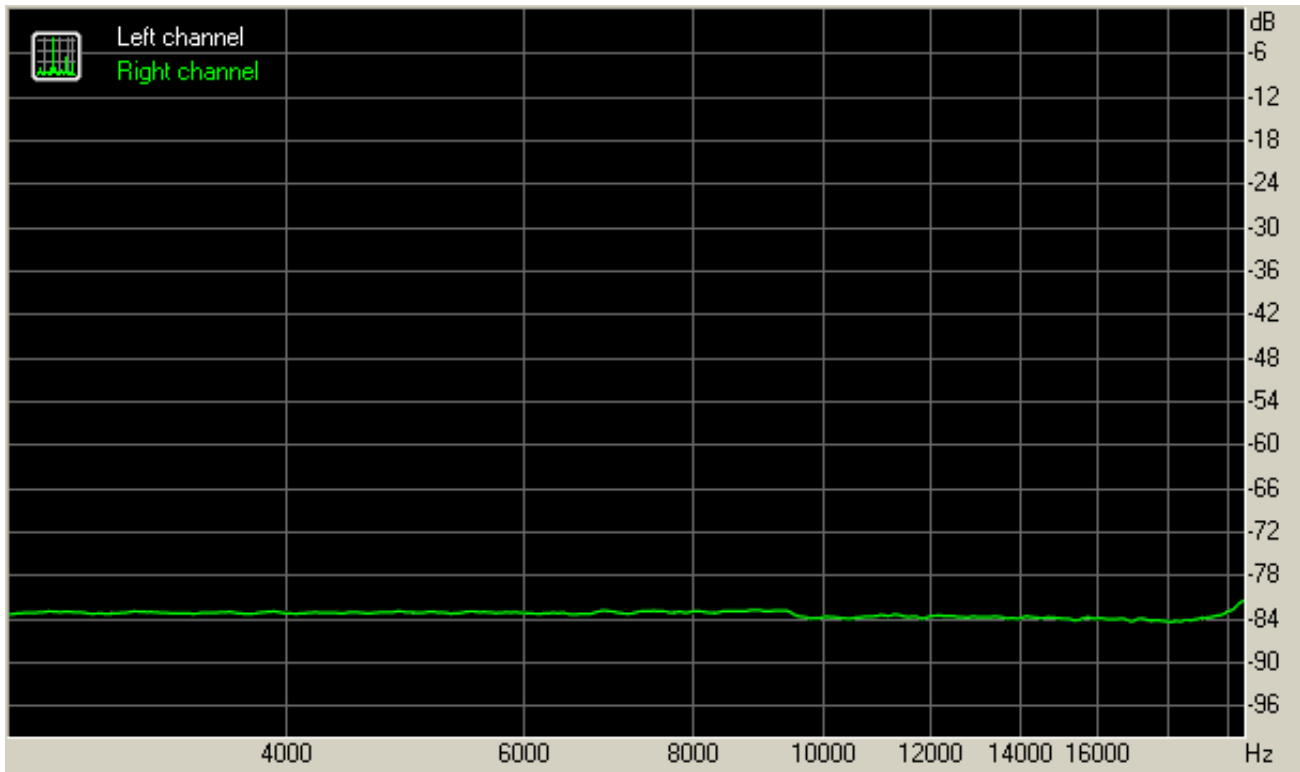
Intermodulation distortion



	Left	Right
IMD + Noise, %	+0.0061	+0.0061

IMD + Noise (A-weighted), % +0.0047 +0.0047

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.0070	0.0070
IMD + Noise at 10000 Hz,	0.0065	0.0065
IMD + Noise at 15000 Hz,	0.0064	0.0064