

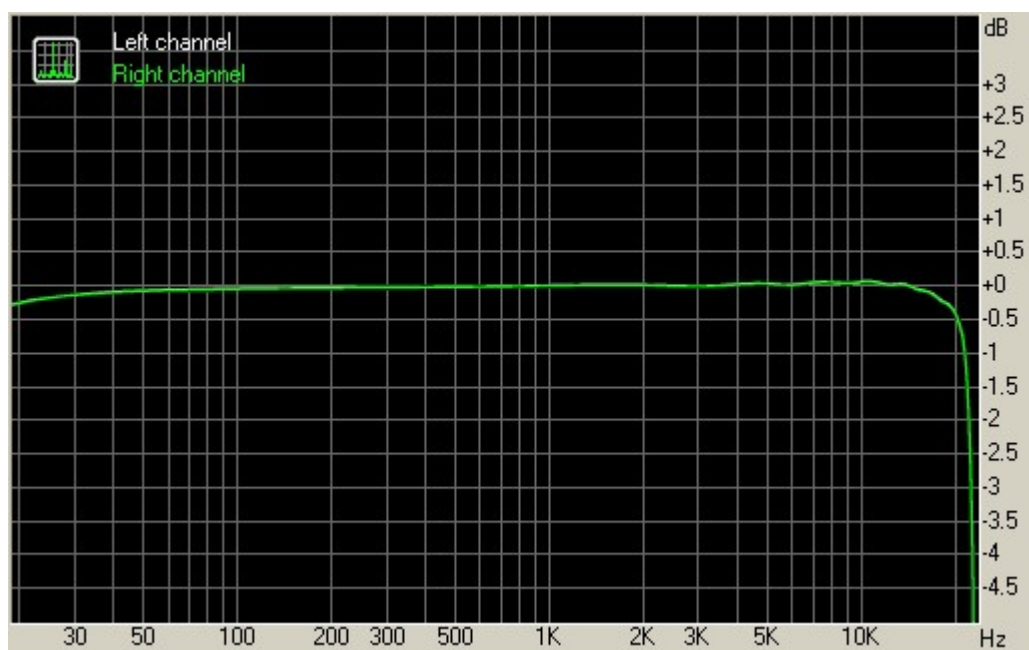
RightMark Audio Analyzer test report

Testing device	Roland Duo-Capture Ex
Sampling mode	16-bit, 48 kHz
Interface	
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.1
20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-1.8 dB / -1.8 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

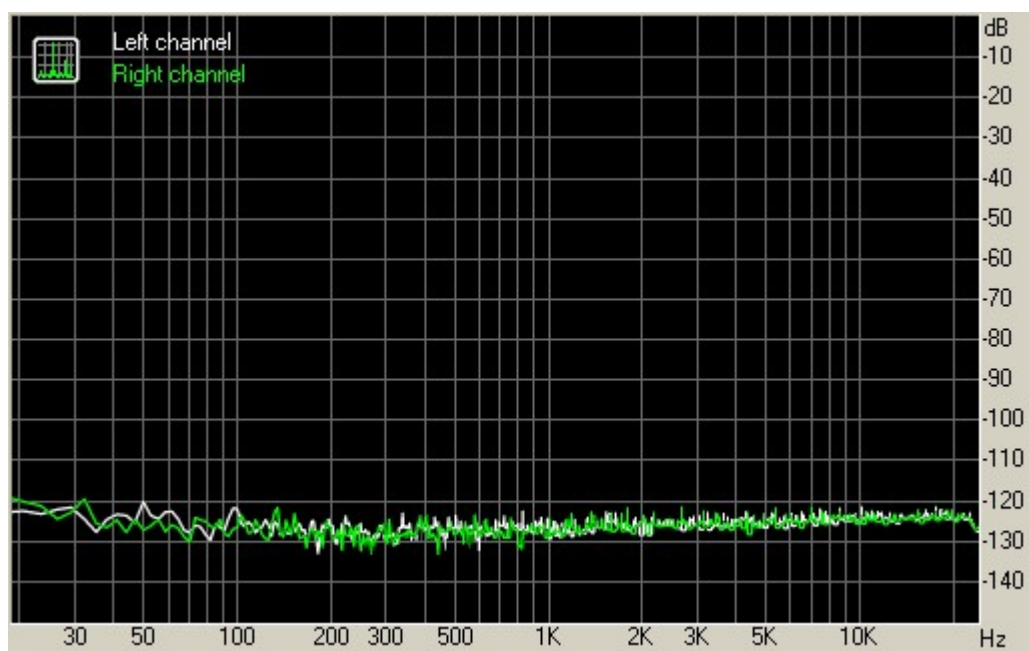
Frequency response (from 40 Hz to 15 kHz), dB	+0.07, -0.09	Very good
Noise level, dB (A)	-94.5	Very good
Dynamic range, dB (A)	94.5	Very good
THD, %	0.0034	Very good
THD + Noise, dB (A)	-84.6	Good
IMD + Noise, %	0.010	Very good
Stereo crosstalk, dB	-94.8	Excellent
IMD at 10 kHz, %	0.0067	Excellent
General performance		Very good

Frequency response



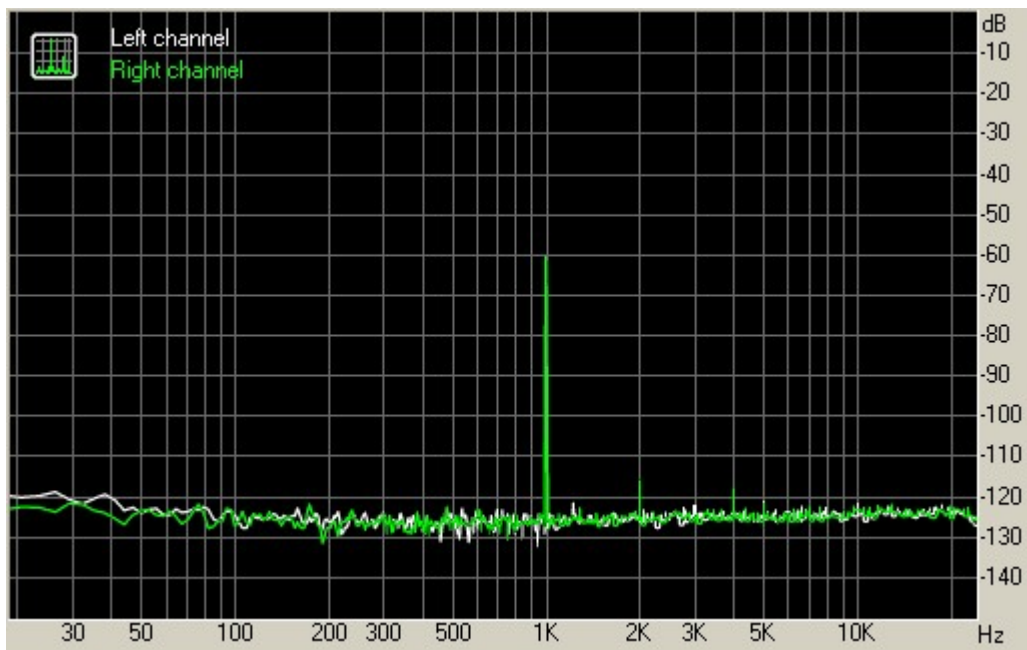
	Left	Right
From 20 Hz to 20 kHz, dB	-0.40, +0.07	-0.41, +0.06
From 40 Hz to 15 kHz, dB	-0.09, +0.07	-0.10, +0.06

Noise level



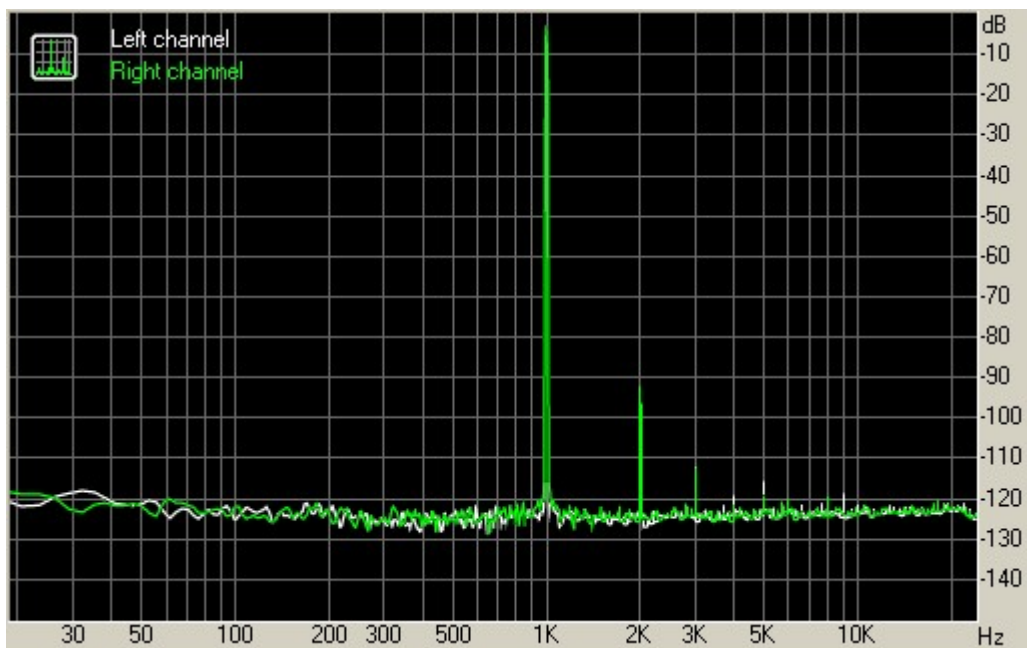
	Left	Right
RMS power, dB	-93.3	-93.3
RMS power (A-weighted), dB	-94.4	-94.5
Peak level, dB FS	-78.0	-80.0
DC offset, %	-0.0	-0.0

Dynamic range



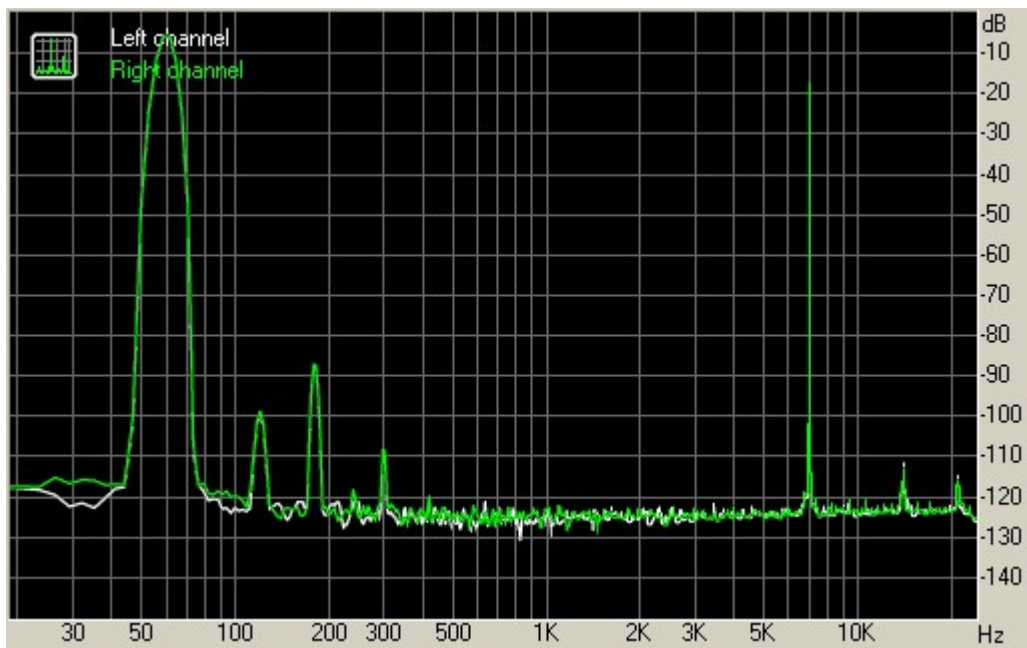
	Left	Right
Dynamic range, dB	+93.4	+93.4
Dynamic range (A-weighted), dB	+94.5	+94.5
DC offset, %	-0.00	-0.00

THD + Noise (at -3 dB FS)



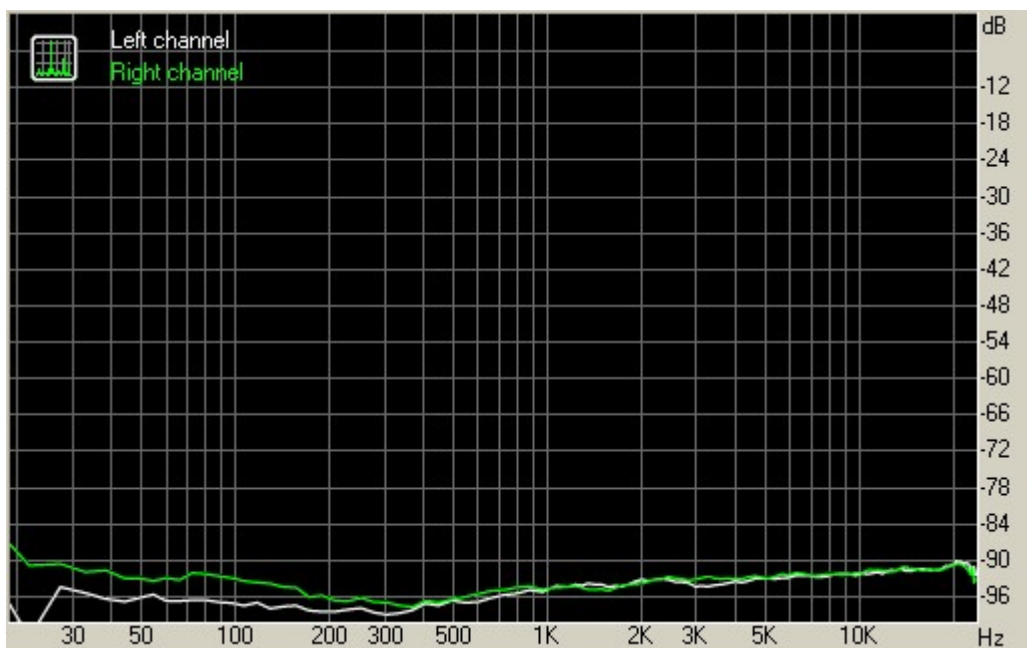
	Left	Right
THD, %	+0.0033	+0.0035
THD + Noise, %	+0.0054	+0.0057
THD + Noise (A-weighted), %	+0.0057	+0.0060

Intermodulation distortion



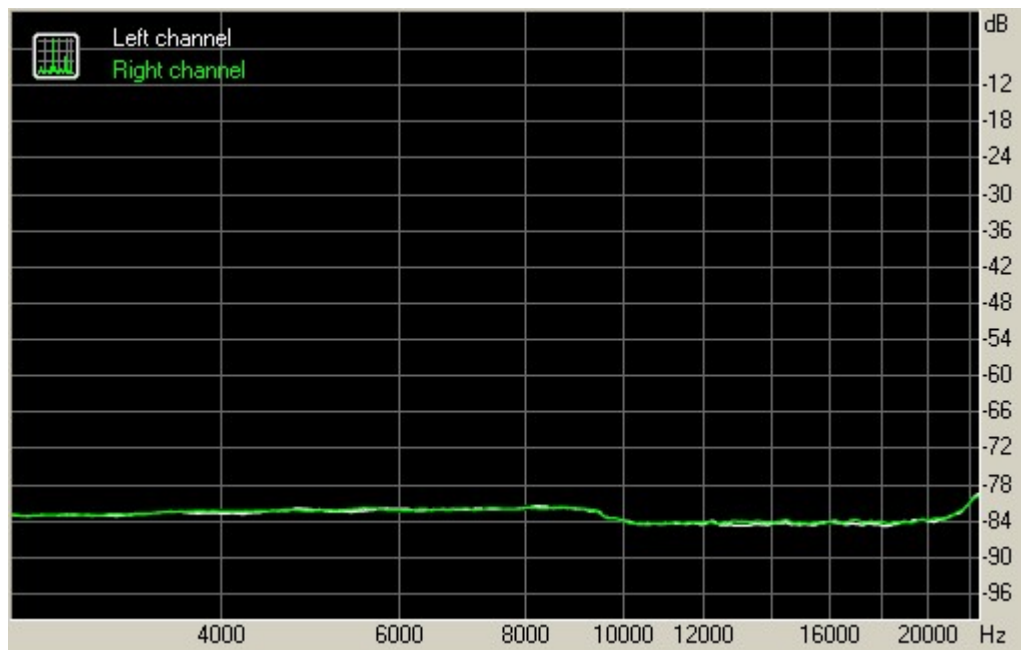
	Left	Right
IMD + Noise, %	+0.0100	+0.0103
IMD + Noise (A-weighted), %	+0.0057	+0.0058

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-96	-92
Crosstalk at 1000 Hz, dB	-94	-94
Crosstalk at 10000 Hz, dB	-91	-91

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.0078	0.0077
IMD + Noise at 10000 Hz,	0.0064	0.0063
IMD + Noise at 15000 Hz,	0.0059	0.0061