

Wave mapper

RightMark Audio Analyzer test

Testing chain: External device
Sampling mode: 16-bit, 48 kHz

Summary

Frequency response (from 40 Hz to 15 kHz), dB:	+0.40, -1.24	Average
Noise level, dB (A):	-88.7	Good
Dynamic range, dB (A):	90.0	Very good
THD, %:	1.388	Poor
IMD + Noise, %:	0.826	Poor
Stereo crosstalk, dB:	-89.3	Excellent
IMD at 10 kHz, %:	0.494	Poor

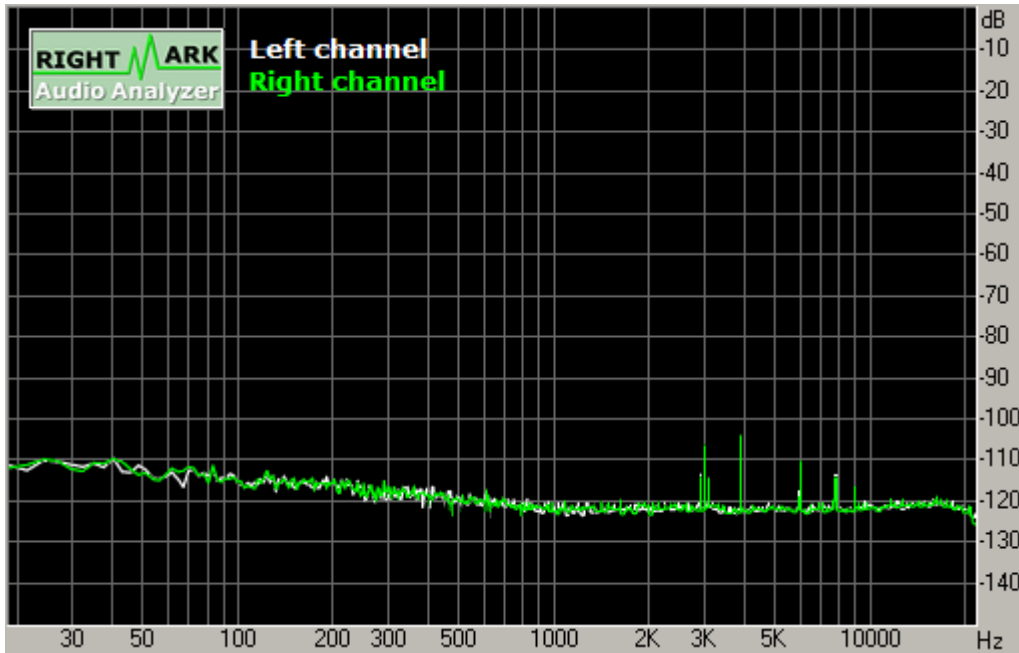
General performance: Good

Frequency response



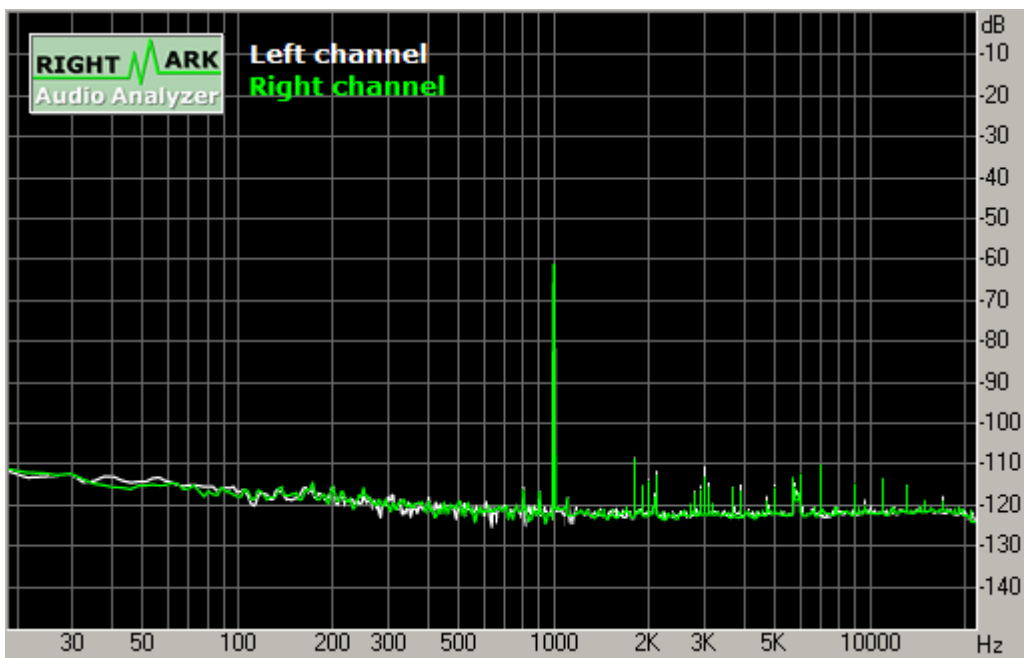
Frequency range	Response
From 20 Hz to 20 kHz, dB	-3.77, +0.40
From 40 Hz to 15 kHz, dB	-1.24, +0.40

Noise level



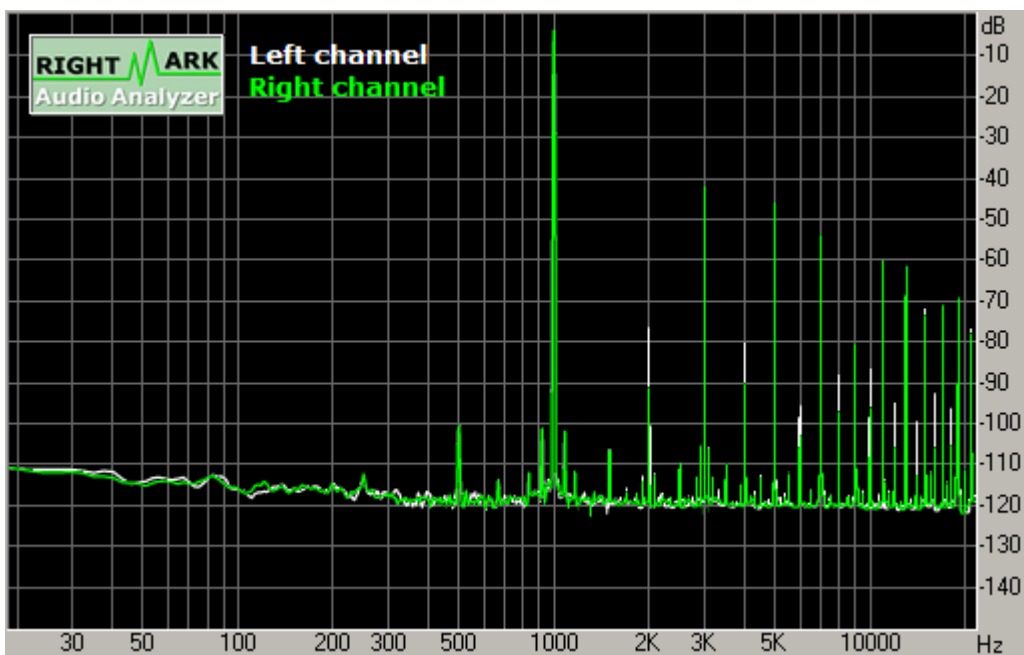
Parameter	Left	Right
RMS power, dB:	-87.2	-87.2
RMS power (A-weighted), dB:	-88.7	-88.7
Peak level, dB FS:	-76.1	-76.1
DC offset, %:	-0.01	-0.01

Dynamic range



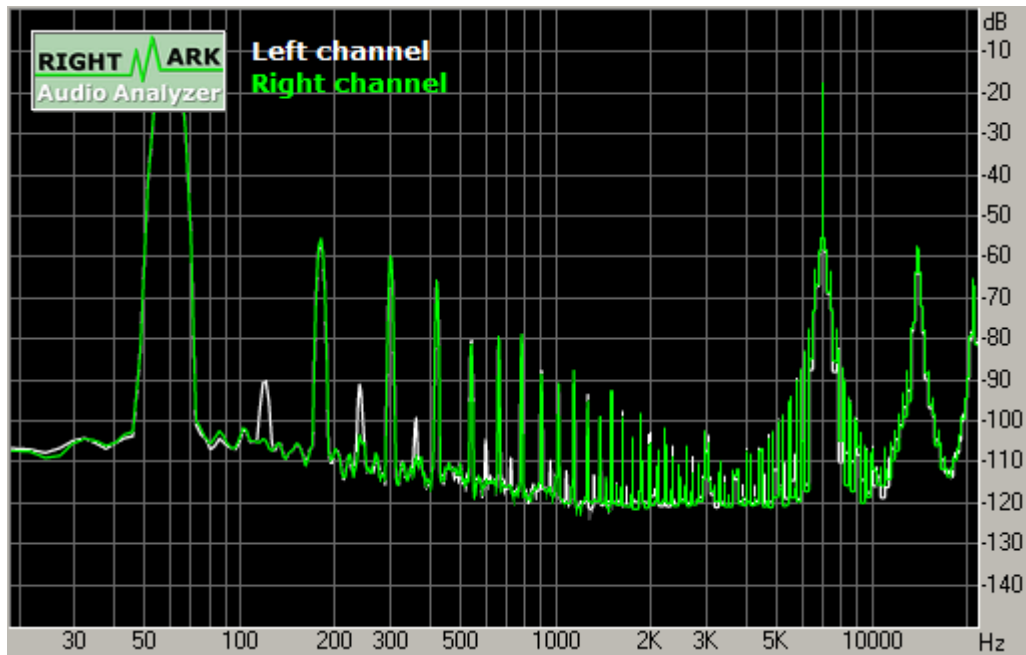
Parameter	Left	Right
Dynamic range, dB:	+88.6	+88.6
Dynamic range (A-weighted), dB:	+90.0	+90.1
DC offset, %:	-0.01	-0.01

THD + Noise (at -3 dB FS)



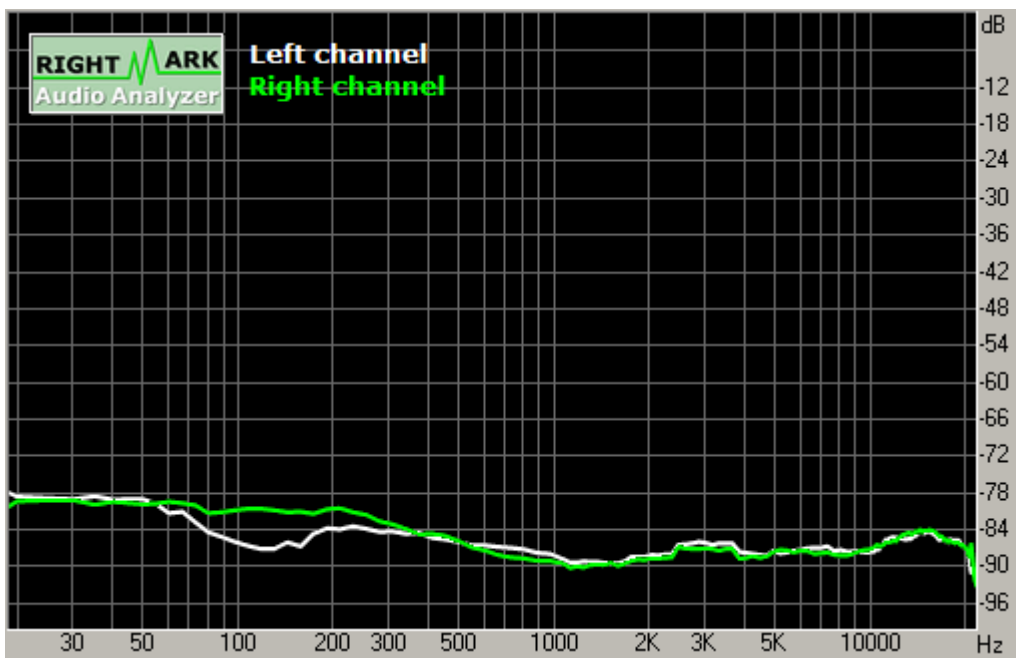
Parameter	Left	Right
THD, %:	1.3878	1.4437
THD + Noise, %:	1.3880	1.4439
THD + Noise (A-weighted), %:	1.7985	1.8733

Intermodulation distortion



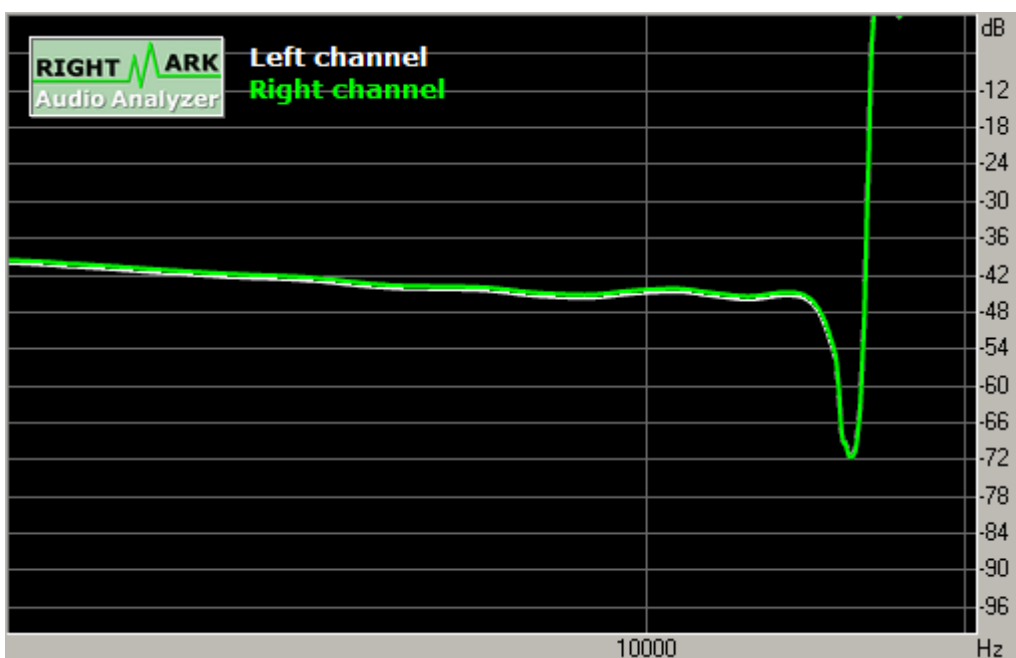
Parameter	Left	Right
IMD + Noise, %:	0.8259	0.8732
IMD + Noise (A-weighted), %:	0.6391	0.6768

Stereo crosstalk



Parameter	L <- R	L -> R
Crosstalk at 100 Hz, dB:	-85	-80
Crosstalk at 1 kHz, dB:	-87	-88
Crosstalk at 10 kHz, dB:	-87	-86

IMD (swept tones)



Parameter	Left	Right
-----------	------	-------

IMD + Noise at 5 kHz, %:	0.7001	0.7369
IMD + Noise at 10 kHz, %:	0.5753	0.6057
IMD + Noise at 15 kHz, %:	0.2065	0.2226

This report was generated by RightMark Audio Analyzer 5.5