MPA2.5

RightMark Audio Analyzer test

Testing chain: External loopback (line-out - line-in)
Sampling mode: 16-bit, 44 kHz

Summary

Frequency response (from 40 Hz to 15 kHz), dB:	+0.00, -0.00	Excellent
Noise level, dB (A):	-95.1	Excellent
Dynamic range, dB (A):	95.8	Excellent
THD, %:	0.0006	Excellent
IMD + Noise, %:	0.0043	Excellent
Stereo crosstalk, dB:	-76.4	Very good
IMD at 10 kHz, %:	0.0046	Excellent

General performance: Excellent

Frequency response
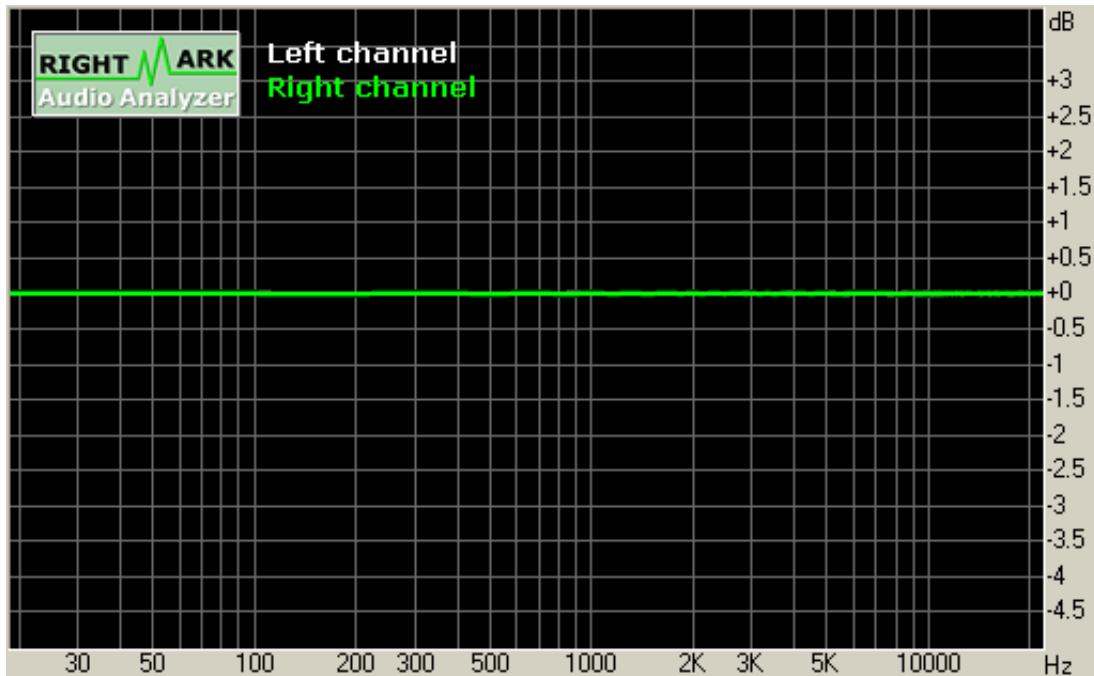
Frequency range	Response
From 20 Hz to 20 kHz, dB	-0.00, +0.00
From 40 Hz to 15 kHz, dB	-0.00, +0.00

Noise level
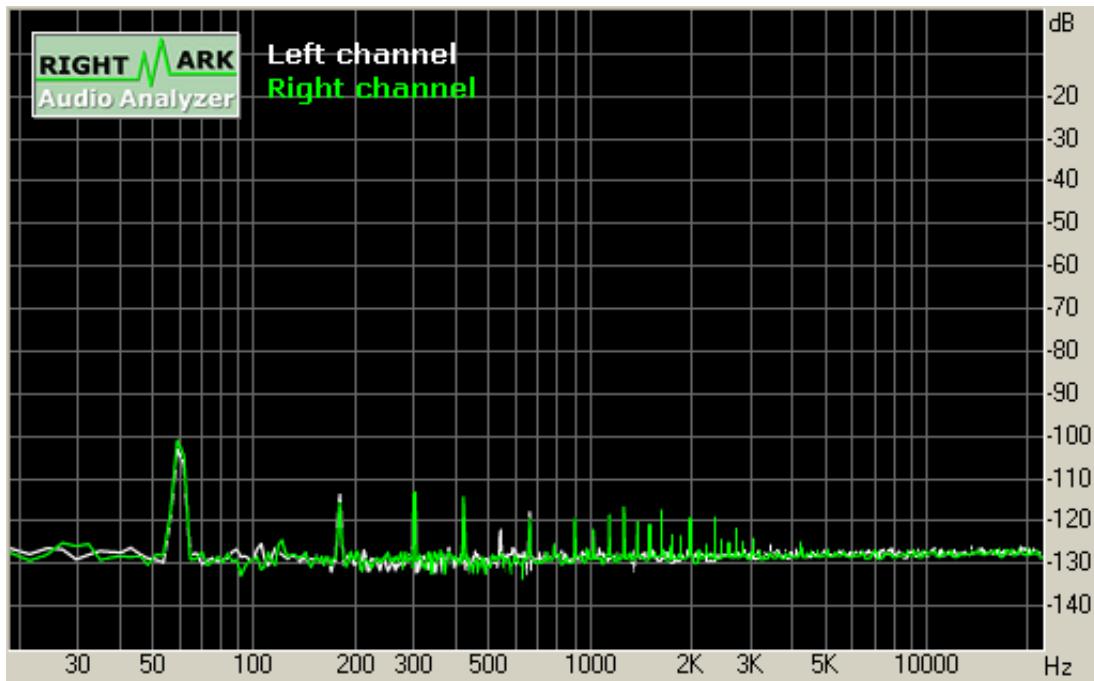
Parameter	Left	Right
RMS power, dB:	-93.3	-93.3
RMS power (A-weighted), dB:	-95.1	-95.1
Peak level, dB FS:	-86.7	-86.7
DC offset, %:	-0.00	-0.00

Dynamic range
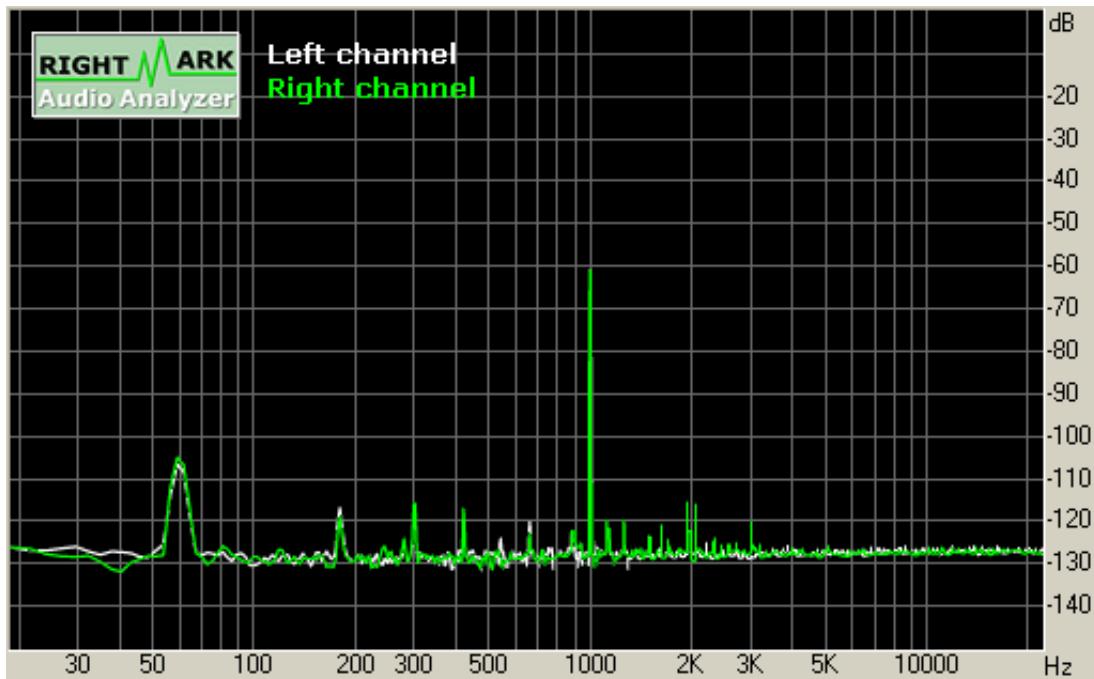
Parameter	Left	Right
Dynamic range, dB:	+94.3	+94.3
Dynamic range (A-weighted), dB:	+95.8	+95.8
DC offset, %:	-0.00	-0.00

THD + Noise (at -3 dB FS)
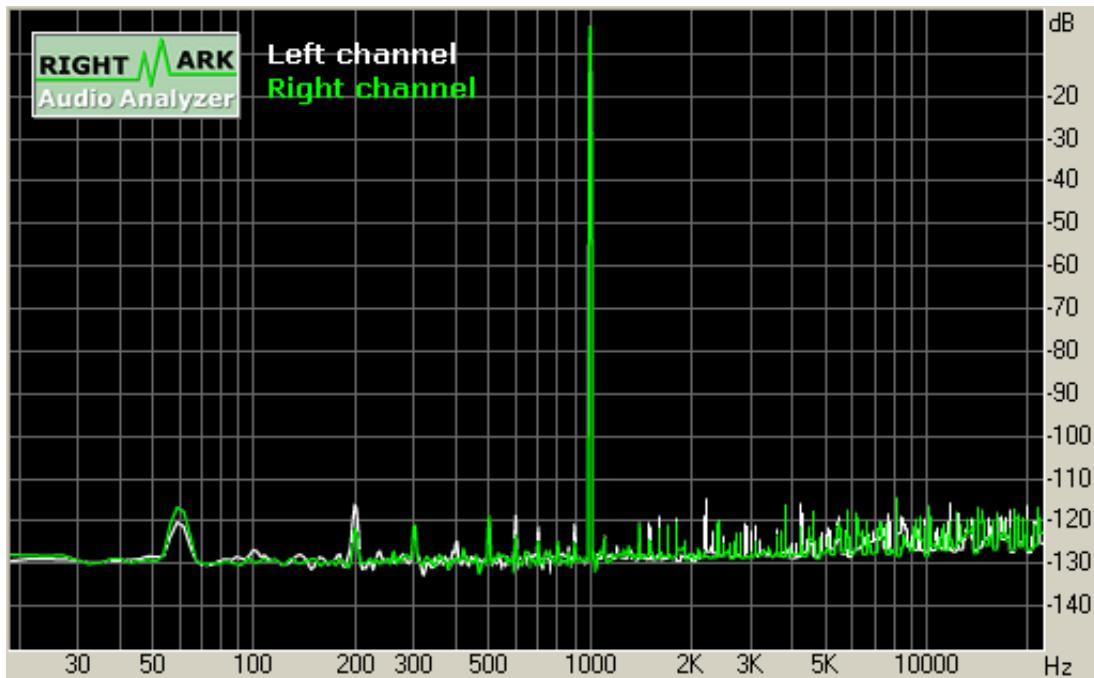
Parameter	Left	Right
THD, %:	0.0006	0.0006

THD + Noise, %:	0.0035	0.0035
THD + Noise (A-weighted), %:	0.0030	0.0030

Intermodulation distortion
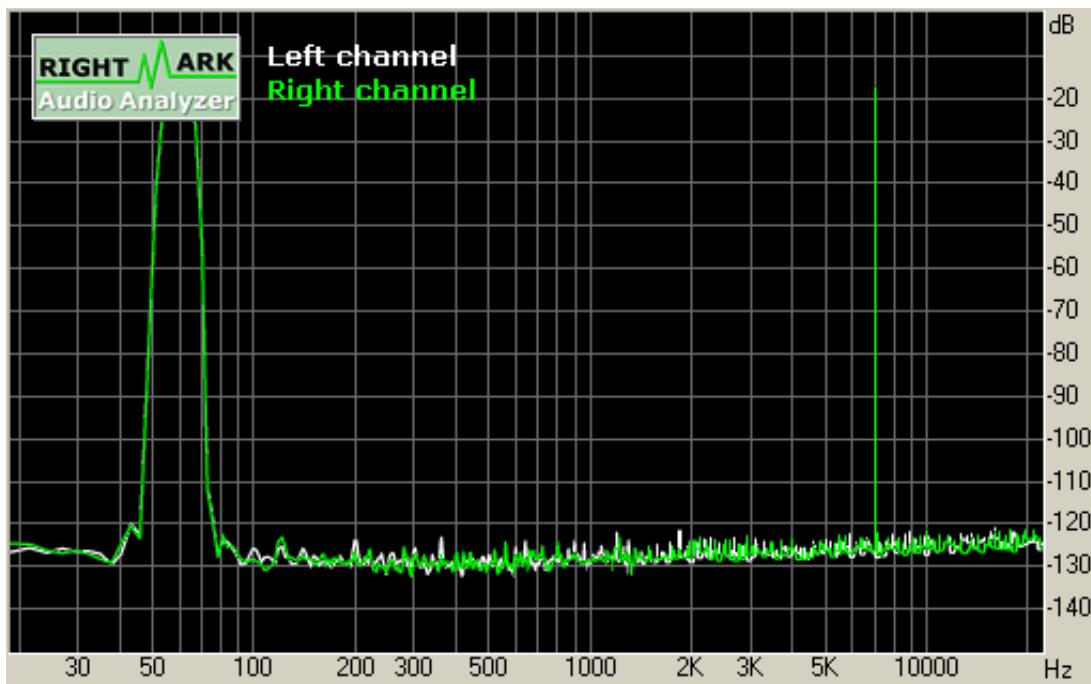
Parameter	Left	Right
IMD + Noise, %:	0.0043	0.0043
IMD + Noise (A-weighted), %:	0.0037	0.0037

Stereo crosstalk
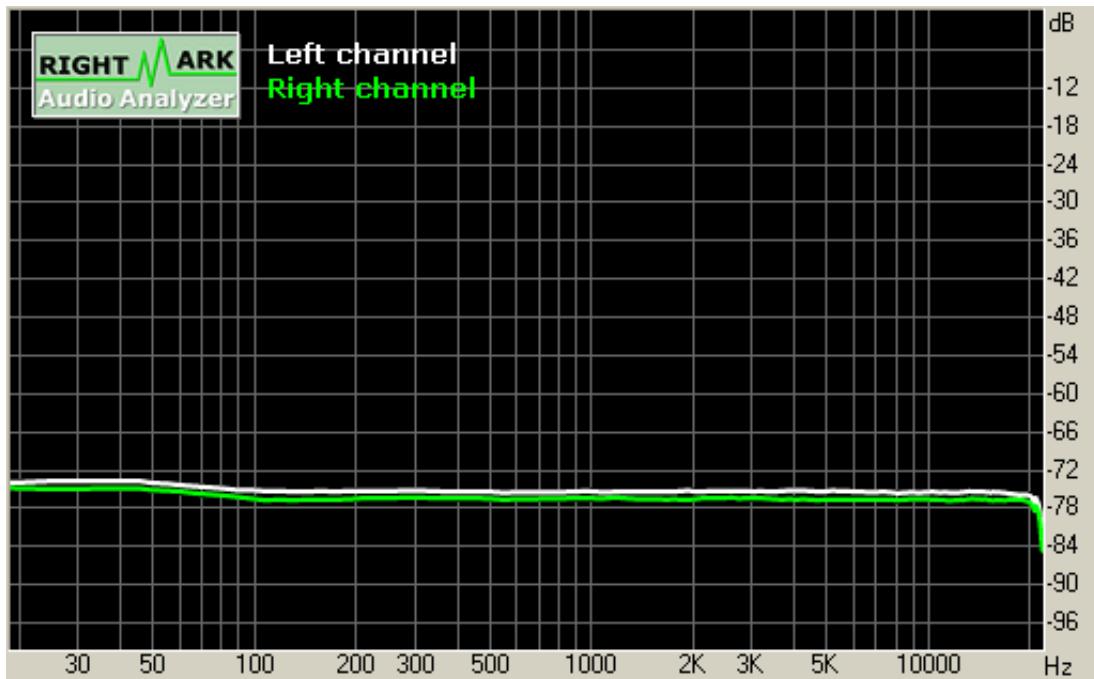
Parameter	L <- R	L -> R
Crosstalk at 100 Hz, dB:	-74	-76
Crosstalk at 1 kHz, dB:	-74	-75
Crosstalk at 10 kHz, dB:	-74	-76

IMD (swept tones)
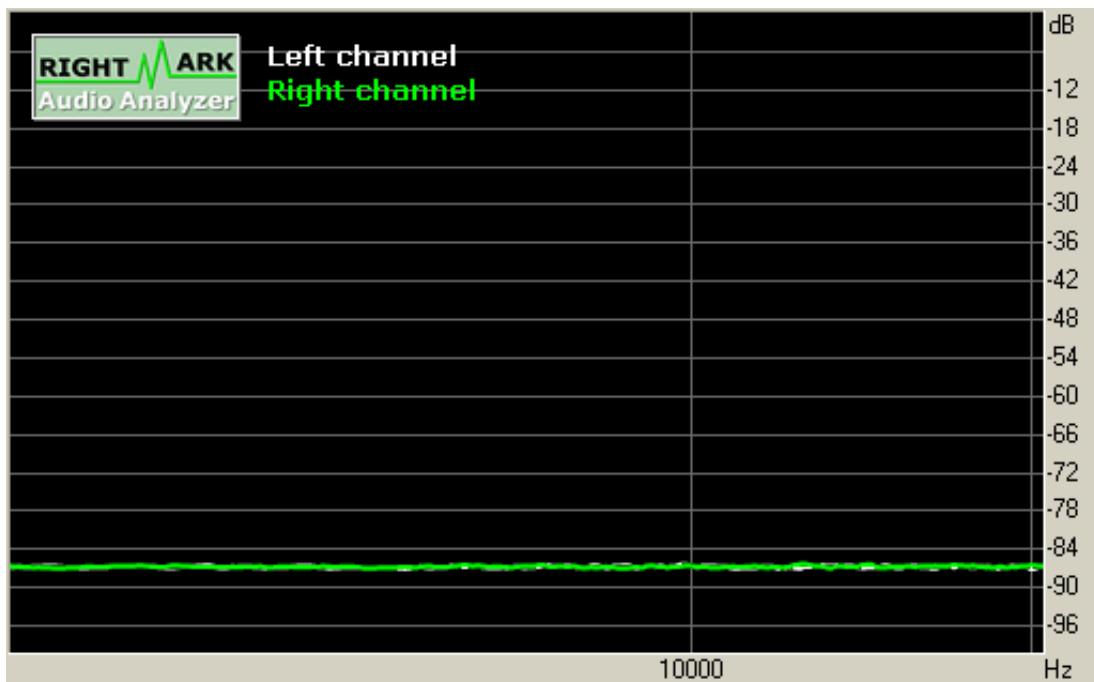
Parameter	Left	Right
IMD + Noise at 5 kHz, %:	0.0046	0.0046
IMD + Noise at 10 kHz, %:	0.0047	0.0047

| IMD + Noise at 15 kHz, %: | 0.0047 | 0.0046 |

This report was generated by RightMark Audio Analyzer 5.5