

玄人志向-AUDIO5.1-USB

RightMark Audio Analyzer test

Testing chain: External loopback (line-out - line-in)

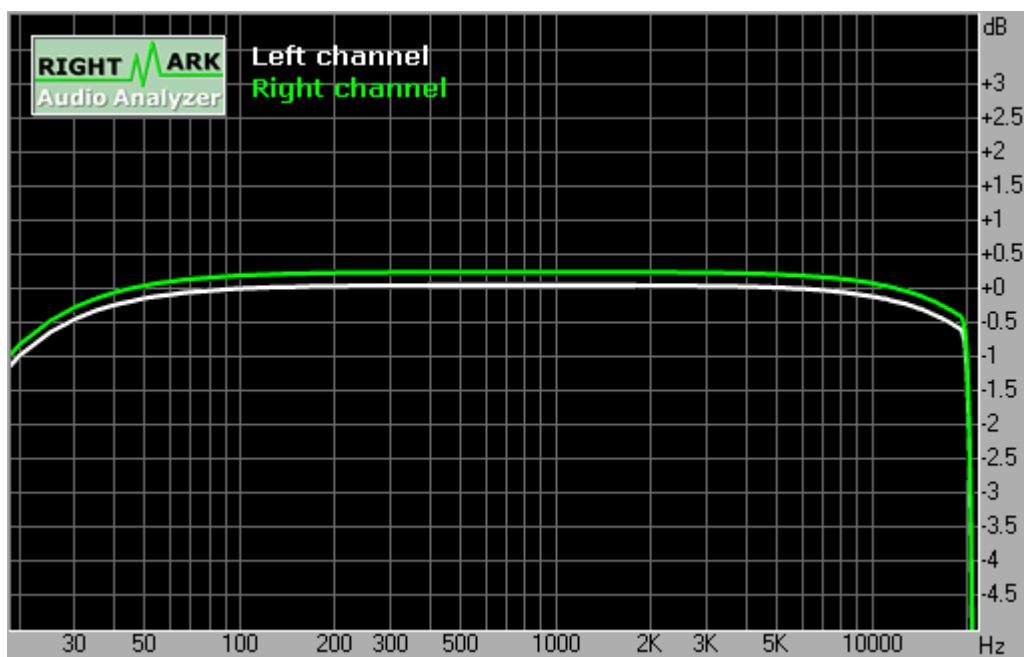
Sampling mode: 16-bit, 44 kHz

Summary

Frequency response (from 40 Hz to 15 kHz), dB:	+0.05, -0.34	Very good
Noise level, dB (A):	-86.4	Good
Dynamic range, dB (A):	86.1	Good
THD, %:	0.012	Good
IMD + Noise, %:	0.030	Good
Stereo crosstalk, dB:	-60.6	Average
IMD at 10 kHz, %:	0.019	Very good

General performance: Good

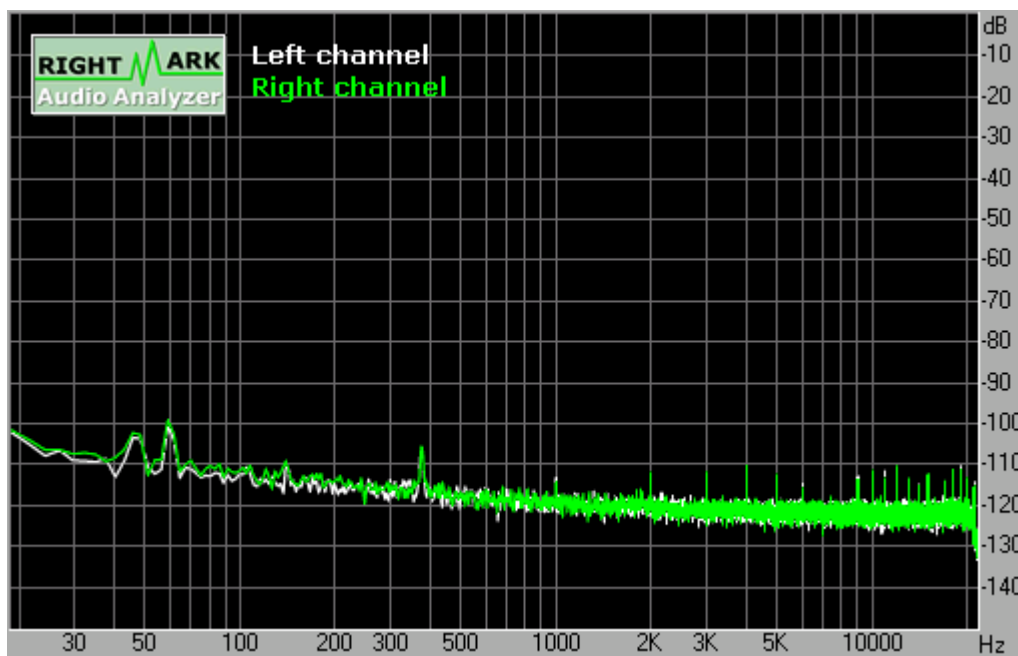
Frequency response



Frequency range	Response

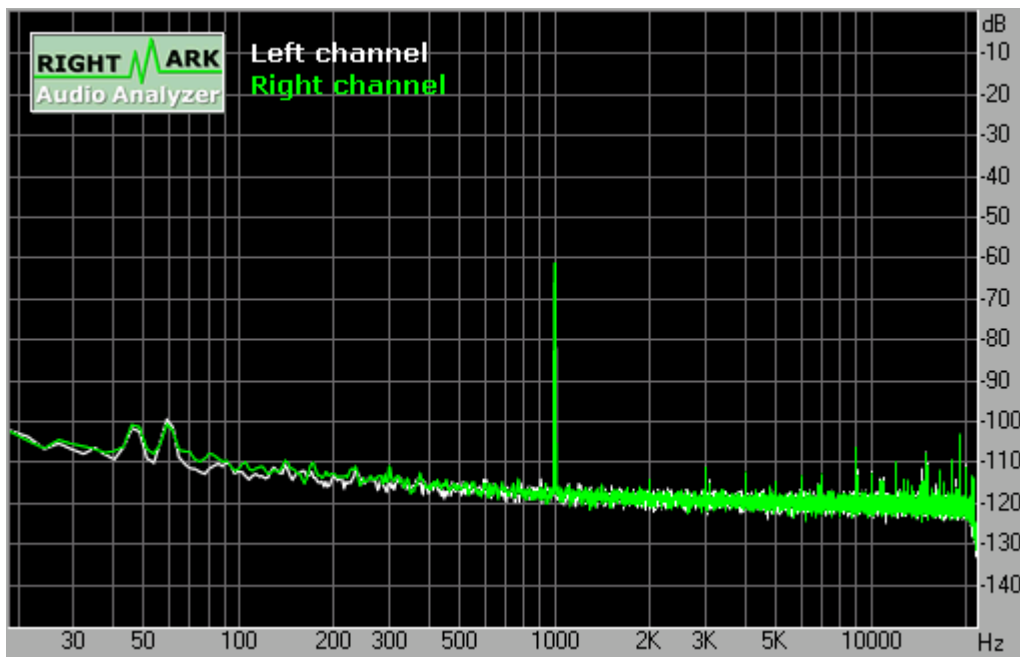
From 20 Hz to 20 kHz, dB	-0.99, +0.05
From 40 Hz to 15 kHz, dB	-0.34, +0.05

Noise level



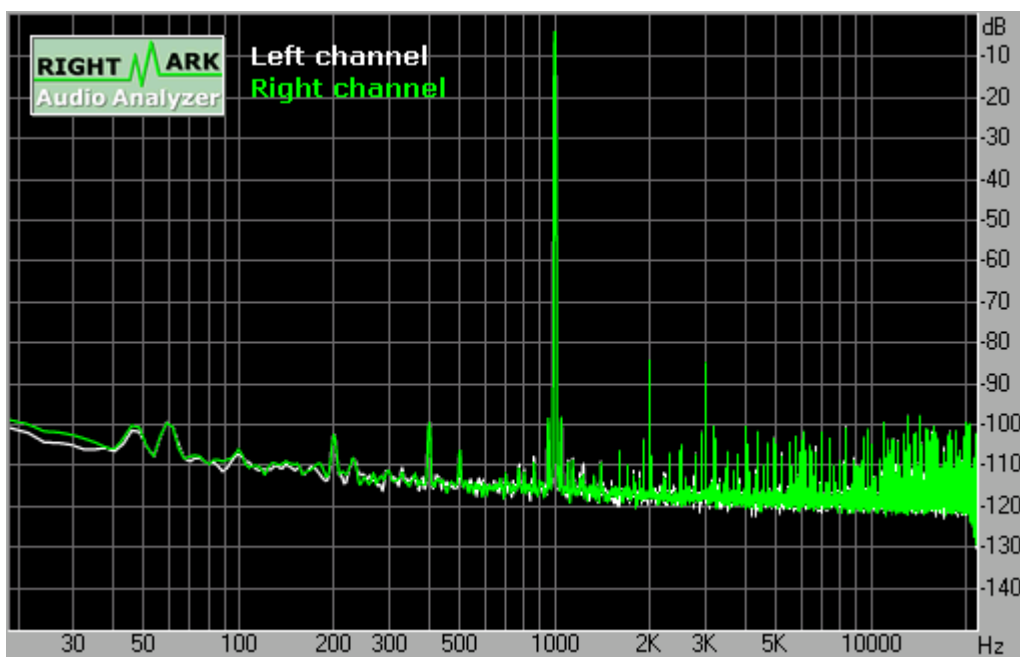
Parameter	Left	Right
RMS power, dB:	-75.4	-75.2
RMS power (A-weighted), dB:	-86.4	-86.4
Peak level, dB FS:	-65.9	-65.5
DC offset, %:	0.35	1.06

Dynamic range



Parameter	Left	Right
Dynamic range, dB:	+75.3	+75.2
Dynamic range (A-weighted), dB:	+86.1	+86.2
DC offset, %:	0.35	1.06

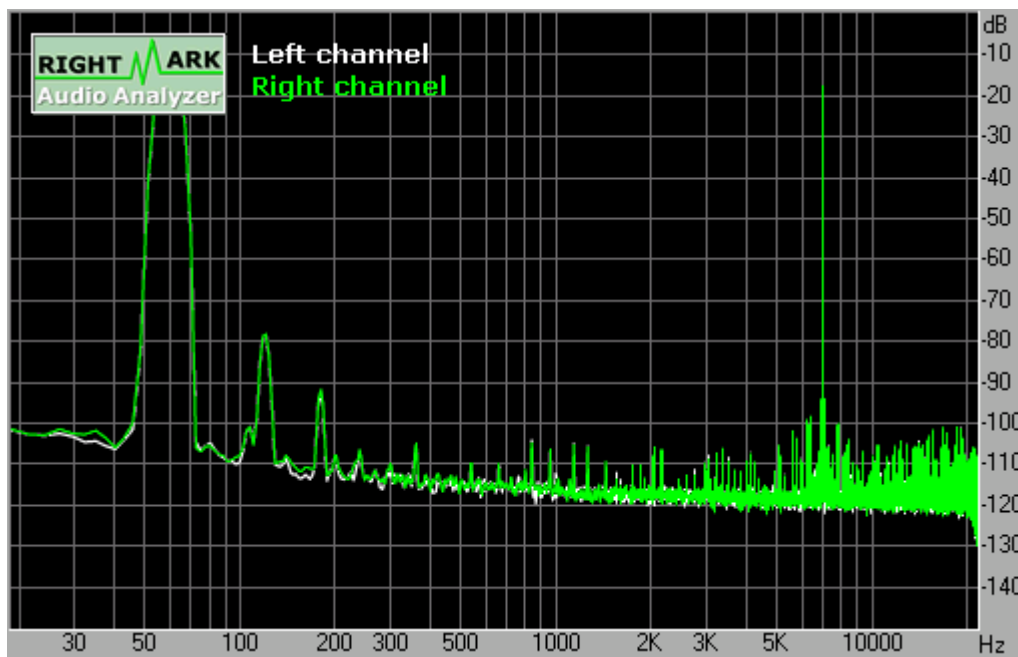
THD + Noise (at -3 dB FS)



Parameter	Left	Right

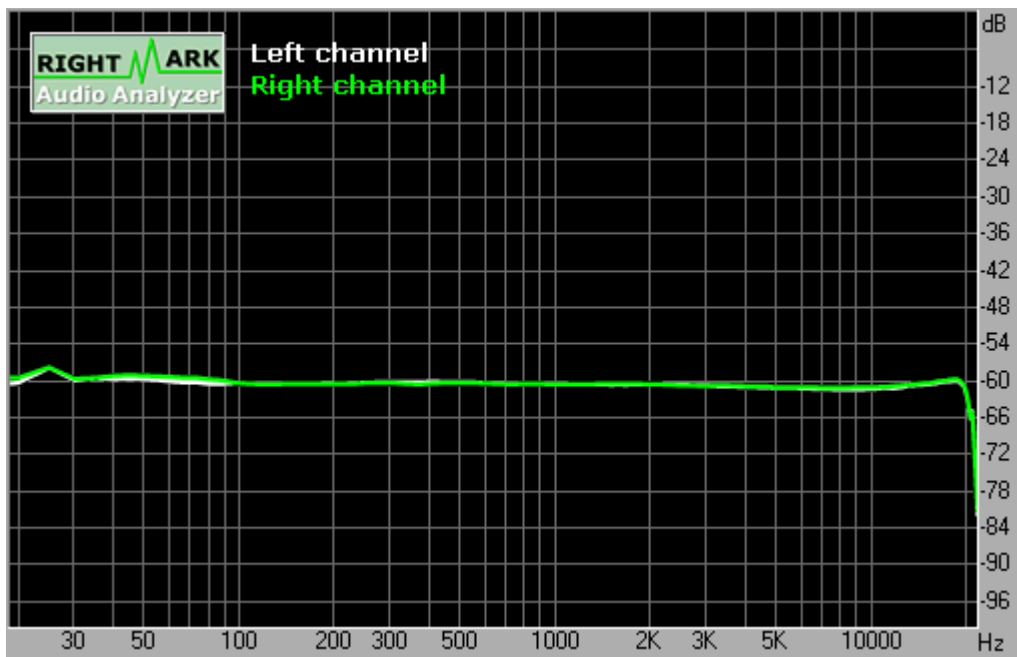
THD, %:	0.0123	0.0131
THD + Noise, %:	0.0398	0.0403
THD + Noise (A-weighted), %:	0.0202	0.0210

Intermodulation distortion



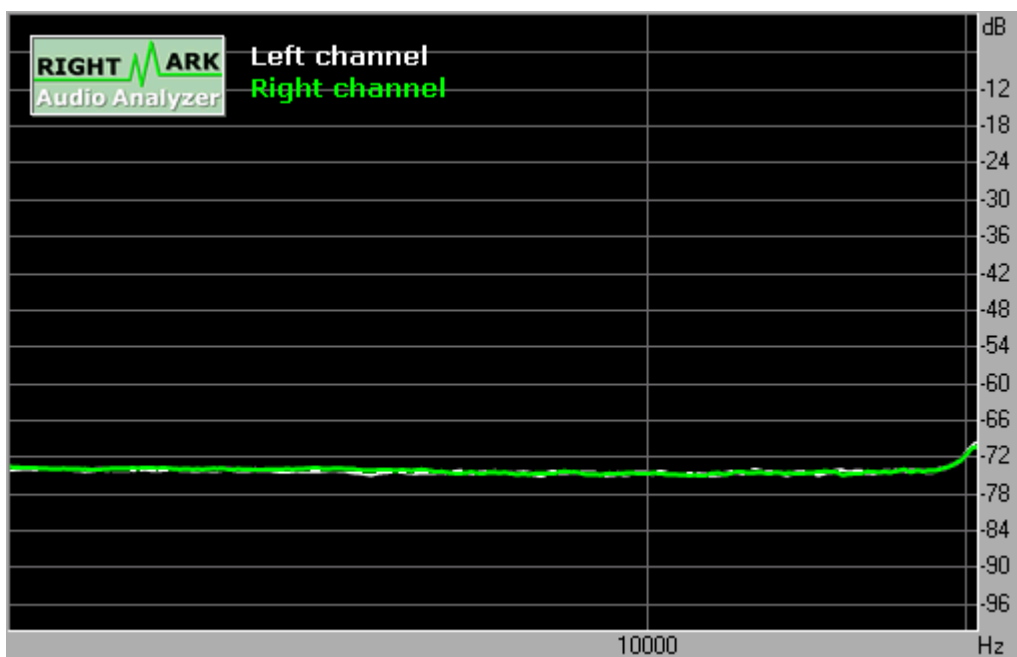
Parameter	Left	Right
IMD + Noise, %:	0.0304	0.0307
IMD + Noise (A-weighted), %:	0.0170	0.0170

Stereo crosstalk



Parameter	L <- R	L -> R
Crosstalk at 100 Hz, dB:	-59	-59
Crosstalk at 1 kHz, dB:	-60	-60
Crosstalk at 10 kHz, dB:	-60	-60

IMD (swept tones)



Parameter	Left	Right

IMD + Noise at 5 kHz, %:	0.0198	0.0202
IMD + Noise at 10 kHz, %:	0.0186	0.0186
IMD + Noise at 15 kHz, %:	0.0191	0.0190

This report was generated by RightMark Audio Analyzer 5.5