

## RightMark Audio Analyzer test report

Testing device	Realtek AC97 Audio
Sampling mode	16-bit, 44 kHz
Interface	MME
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.2.4

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-0.4 dB / -0.4 dB
Mono mode	ON
Calibration signal, Hz	1000
Polarity	correct/correct

### Summary

Frequency response (from 40 Hz to 15 kHz), dB	+0.19, -0.59	Good
Noise level, dB (A)	-74.0	Average
Dynamic range, dB (A)	75.7	Average
THD, %	0.043	Good
THD + Noise, dB (A)	-63.5	Poor
IMD + Noise, %	0.064	Good
Stereo crosstalk, dB	N/A	N/A
IMD at 10 kHz, %	0.195	Average
<b>General performance</b>		<b>Average</b>

### Frequency response

	Left	Right
From 20 Hz to 20 kHz, dB	-4.62, +0.19	-4.62, +0.19
From 40 Hz to 15 kHz, dB	-0.59, +0.19	-0.59, +0.19

### Noise level

	Left	Right
RMS power, dB	-73.0	-73.0
RMS power (A-weighted), dB	-74.0	-74.0
Peak level, dB FS	-60.2	-60.2
DC offset, %	+1.3	+1.3

## Dynamic range

	Left	Right
Dynamic range, dB	+75.2	+75.2
Dynamic range (A-weighted), dB	+75.7	+75.7
DC offset, %	+1.32	+1.32

## THD + Noise (at -3 dB FS)

	Left	Right
THD, %	+0.0434	+0.0434
THD + Noise, %	+0.0611	+0.0611
THD + Noise (A-weighted), %	+0.0671	+0.0671

## Intermodulation distortion

	Left	Right
IMD + Noise, %	+0.0640	+0.0640
IMD + Noise (A-weighted), %	+0.0525	+0.0525

## IMD (swept tones)

	Left	Right
IMD + Noise at 5000 Hz,	0.0853	0.0853
IMD + Noise at 10000 Hz,	0.1663	0.1663
IMD + Noise at 15000 Hz,	0.3329	0.3330