

# RightMark Audio Analyzer test report

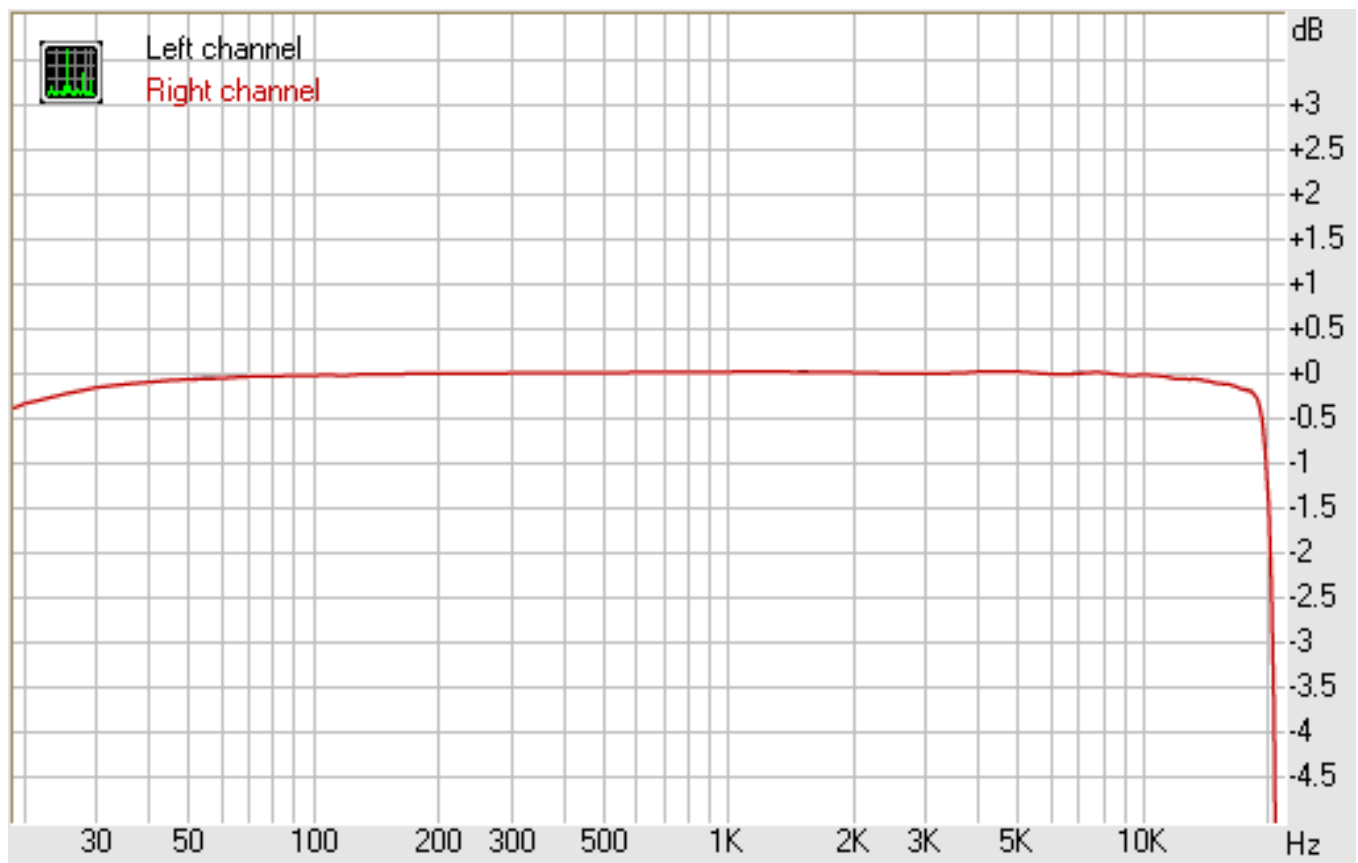
Testing device	Wave mapper
Sampling mode	16-bit, 44 kHz
Interface	MME
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.2.3

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-1.5 dB / -1.5 dB
Mono mode	ON
Calibration singal, Hz	1000
Polarity	inverted/inverted

## Summary

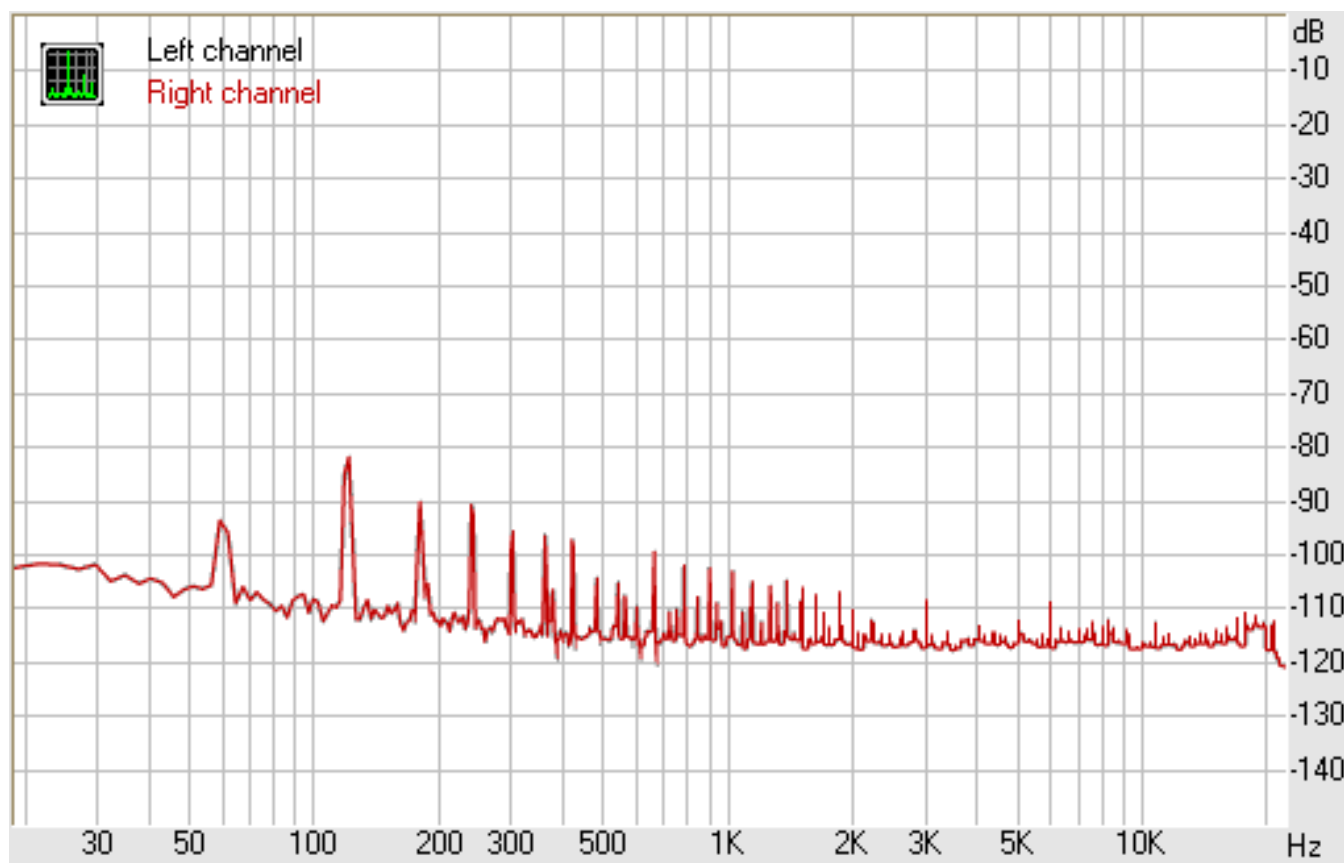
Frequency response (from 40 Hz to 15 kHz), dB	+0.03, -0.10	Excellent
Noise level, dB (A)	-82.9	Good
Dynamic range, dB (A)	82.9	Good
THD, %	0.0023	Excellent
THD + Noise, dB (A)	-76.7	Average
IMD + Noise, %	0.027	Good
Stereo crosstalk, dB	N/A	N/A
IMD at 10 kHz, %	0.019	Very good
<b>General performance</b>		<b>Very good</b>

## Frequency response



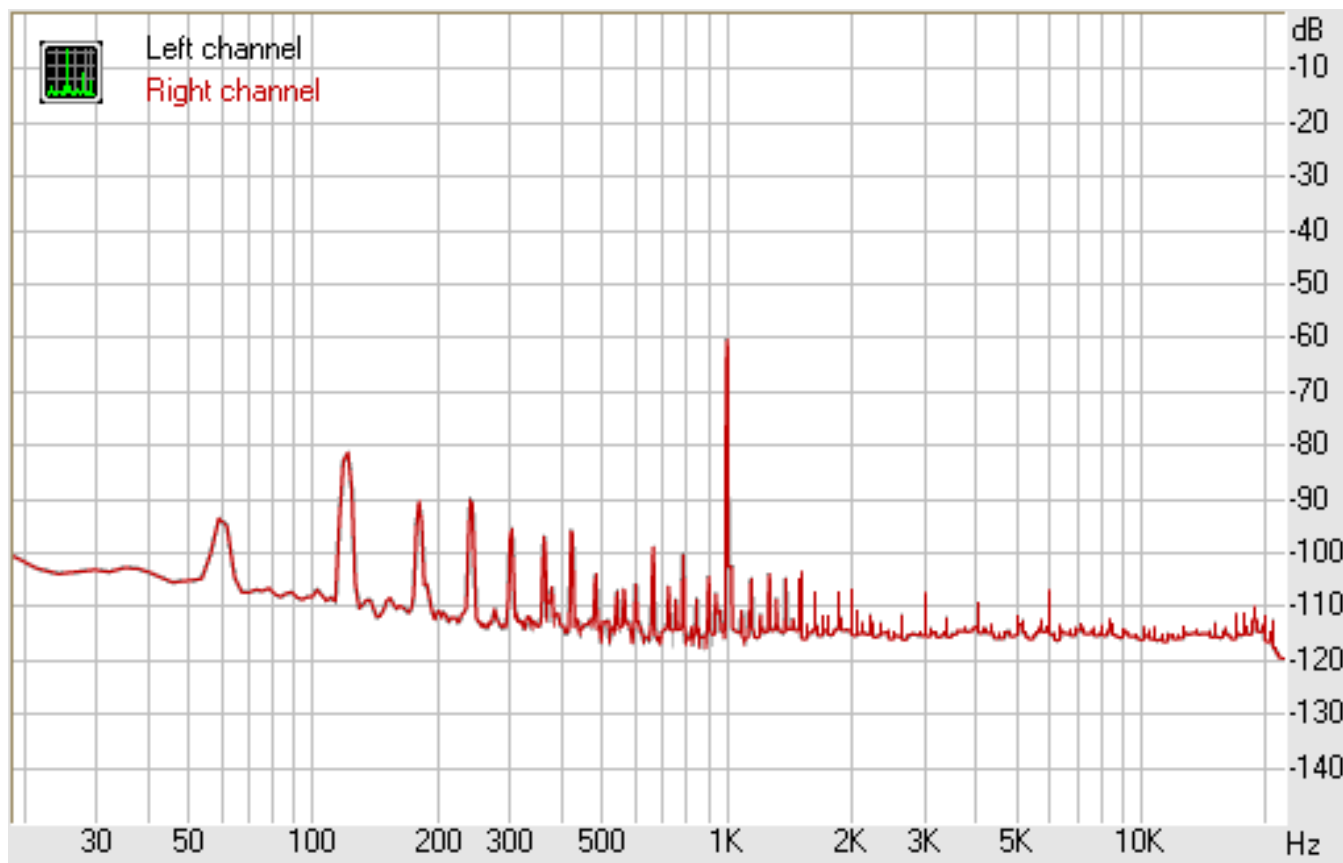
From 20 Hz to 20 kHz, dB	-0.89, +0.03
From 40 Hz to 15 kHz, dB	-0.10, +0.03

## Noise level



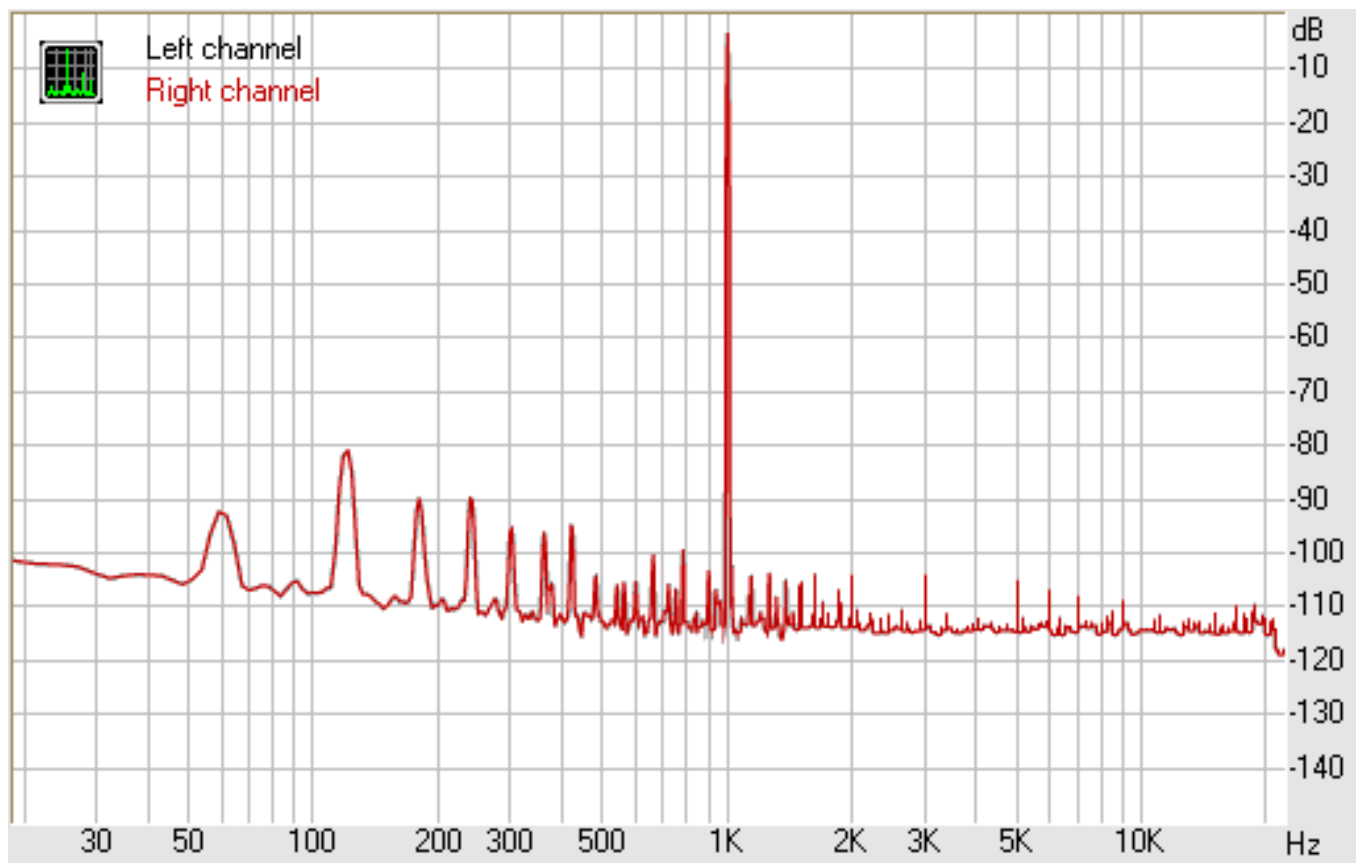
	Left	Right
RMS power, dB	-79.2	-79.2
RMS power (A-weighted), dB	-82.9	-82.9
Peak level, dB FS	-50.4	-50.4
DC offset, %	+0.0	+0.0

## Dynamic range



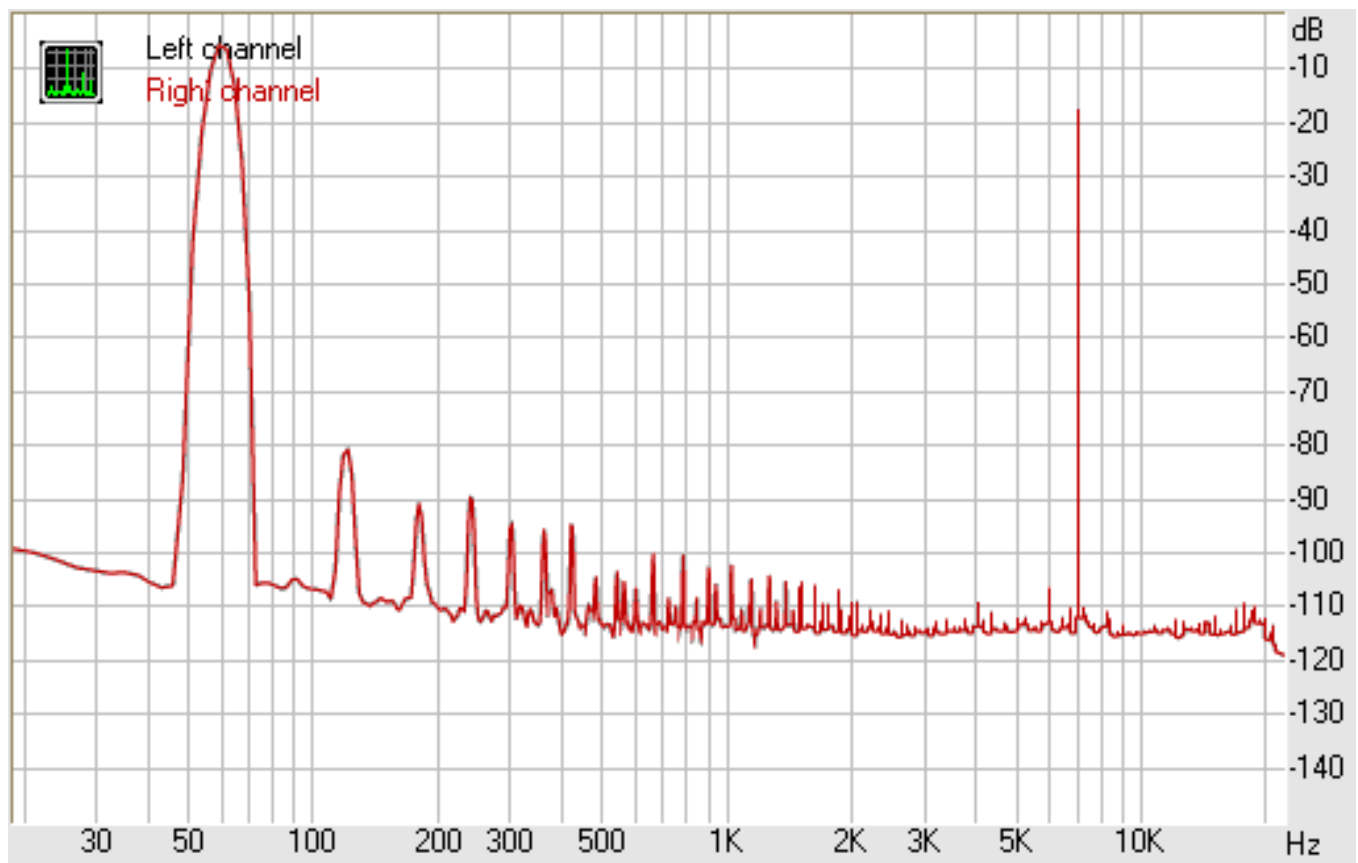
	Left	Right
Dynamic range, dB	+79.5	+79.5
Dynamic range (A-weighted), dB	+82.9	+82.9
DC offset, %	+0.00	+0.00

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



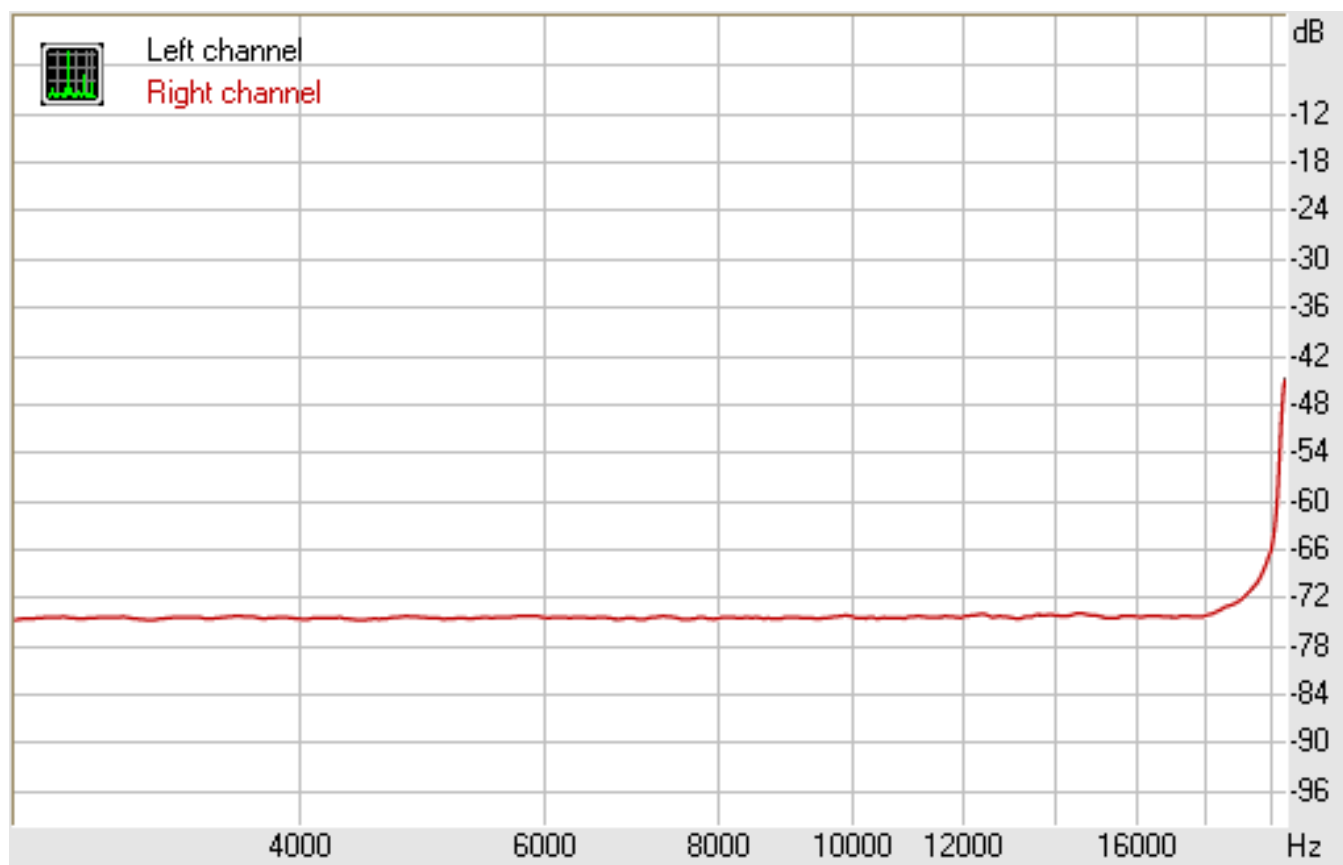
	Left	Right
THD, %	+0.0023	+0.0023
THD + Noise, %	+0.0219	+0.0219
THD + Noise (A-weighted), %	+0.0146	+0.0146

## Intermodulation distortion



	Left	Right
IMD + Noise, %	+0.0269	+0.0269
IMD + Noise (A-weighted), %	+0.0176	+0.0176

## IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.0189	0.0189
IMD + Noise at 10000 Hz,	0.0193	0.0193
IMD + Noise at 15000 Hz,	0.0195	0.0196