

## RightMark Audio Analyzer test report

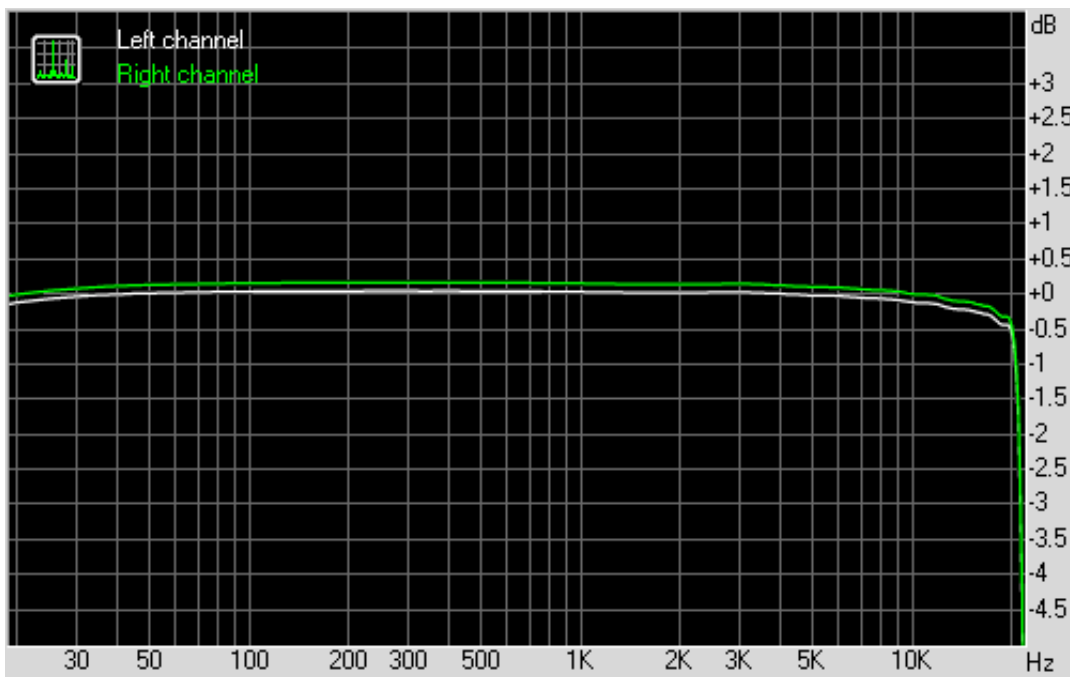
Testing device	RX-V663 headphone (0.4Vrms 300 ohm)
Sampling mode	24-bit, 44 kHz
Interface	
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.0

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-4.2 dB / -4.1 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

### Summary

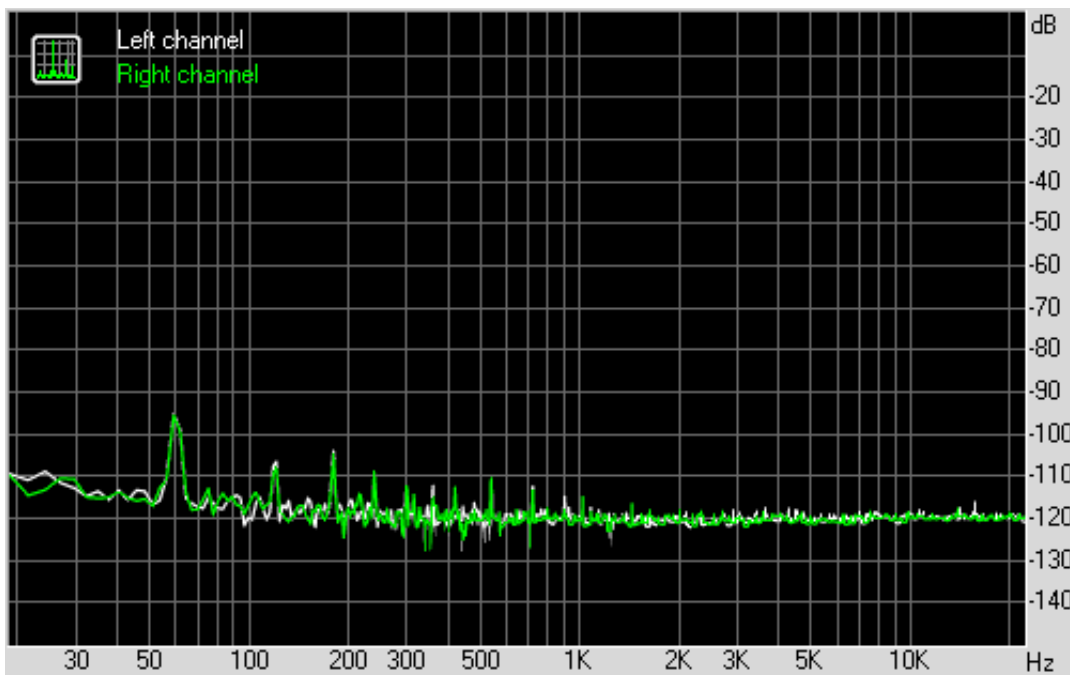
Frequency response (from 40 Hz to 15 kHz), dB	+0.16, -0.12	Very good
Noise level, dB (A)	-88.1	Good
Dynamic range, dB (A)	87.7	Good
THD, %	0.011	Good
THD + Noise, dB (A)	-75.7	Average
IMD + Noise, %	0.017	Very good
Stereo crosstalk, dB	-72.0	Good
IMD at 10 kHz, %	0.019	Very good
<b>General performance</b>		<b>Good</b>

### Frequency response



	Left	Right
From 20 Hz to 20 kHz, dB	-0.58, +0.04	-0.46, +0.16
From 40 Hz to 15 kHz, dB	-0.24, +0.04	-0.12, +0.16

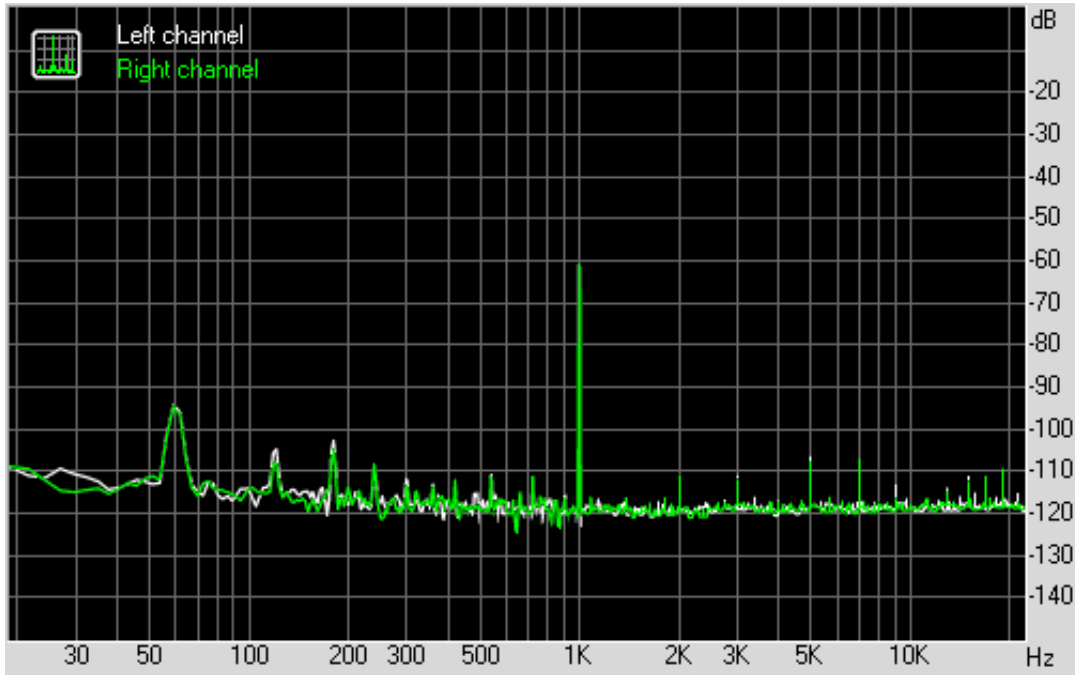
### Noise level



	Left	Right
RMS power, dB	-86.5	-86.7
RMS power (A-weighted), dB	-88.0	-88.2

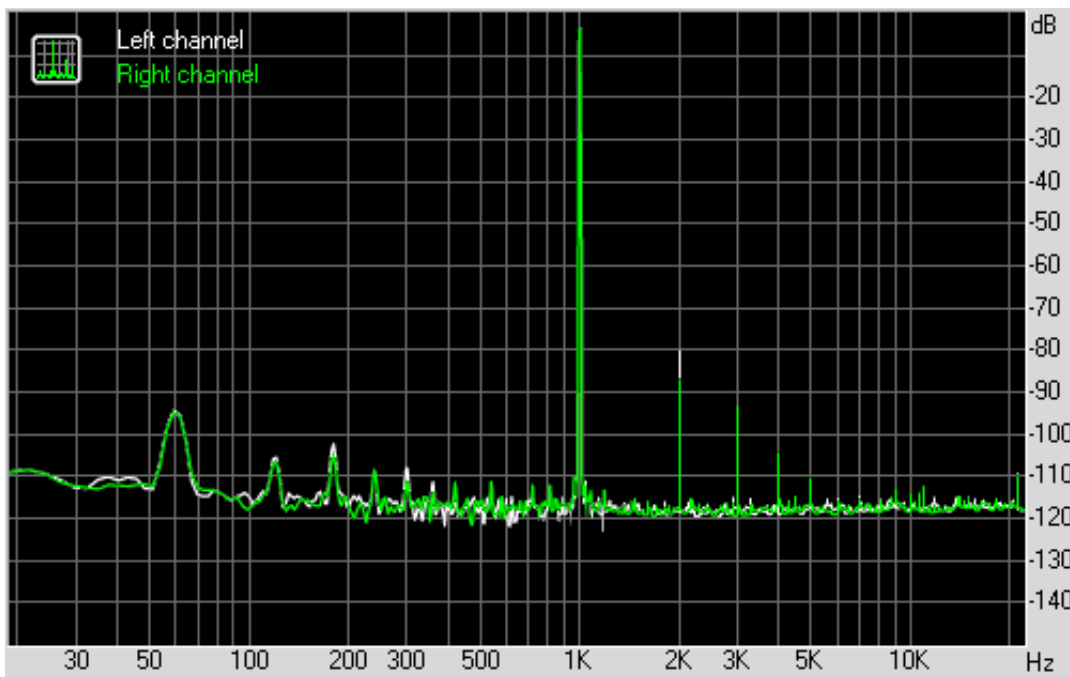
Peak level, dB FS	-73.1	-73.6
DC offset, %	+0.0	+0.0

### Dynamic range



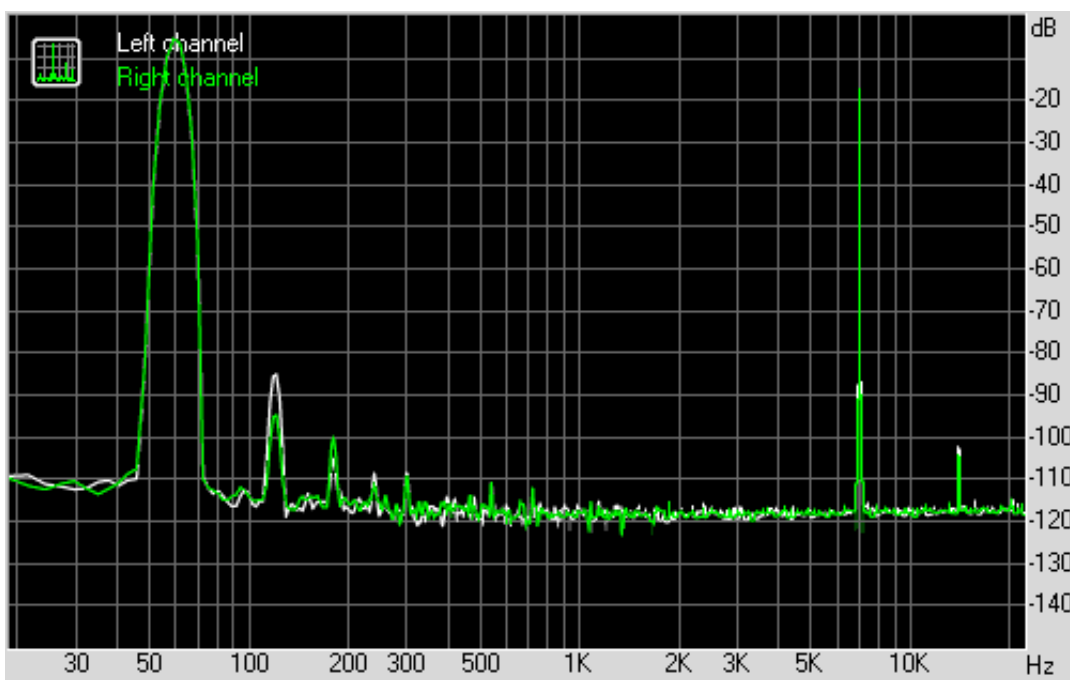
	Left	Right
Dynamic range, dB	+86.1	+86.2
Dynamic range (A-weighted), dB	+87.7	+87.8
DC offset, %	+0.00	+0.00

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



	Left	Right
THD, %	+0.0142	+0.0071
THD + Noise, %	+0.0174	+0.0121
THD + Noise (A-weighted), %	+0.0203	+0.0125

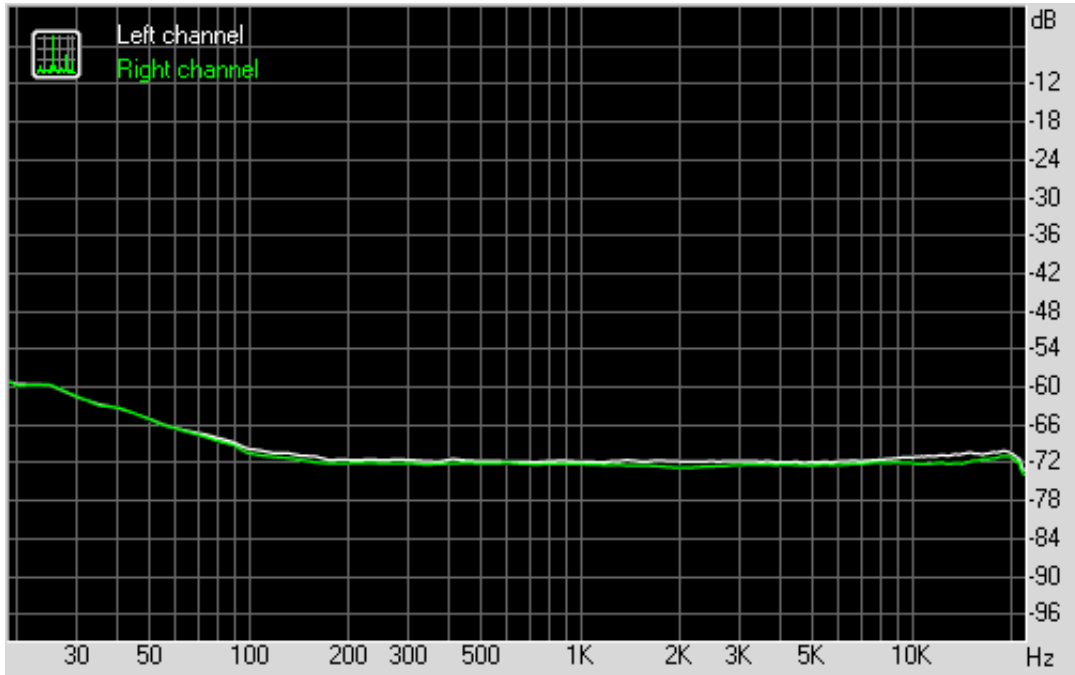
### Intermodulation distortion



	Left	Right
IMD + Noise, %	+0.0192	+0.0145

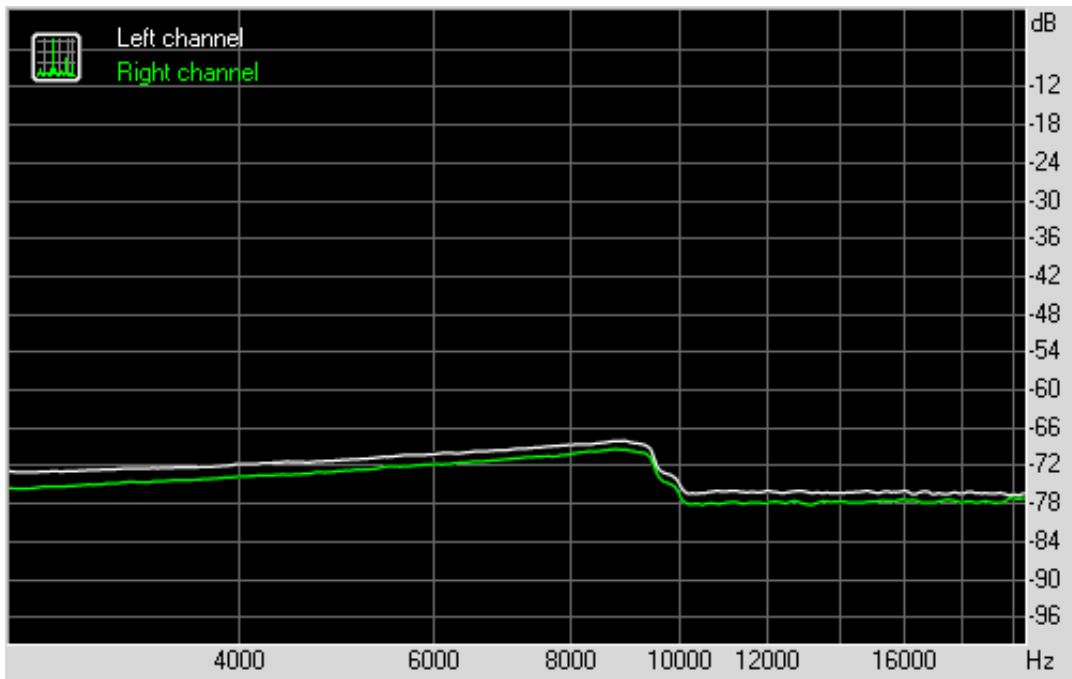
IMD + Noise (A-weighted), %                    +0.0153    +0.0129

### Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-69	-70
Crosstalk at 1000 Hz, dB	-71	-71
Crosstalk at 10000 Hz, dB	-70	-71

### IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.0279	0.0229
IMD + Noise at 10000 Hz,	0.0181	0.0150
IMD + Noise at 15000 Hz,	0.0154	0.0130