

## RightMark Audio Analyzer test report

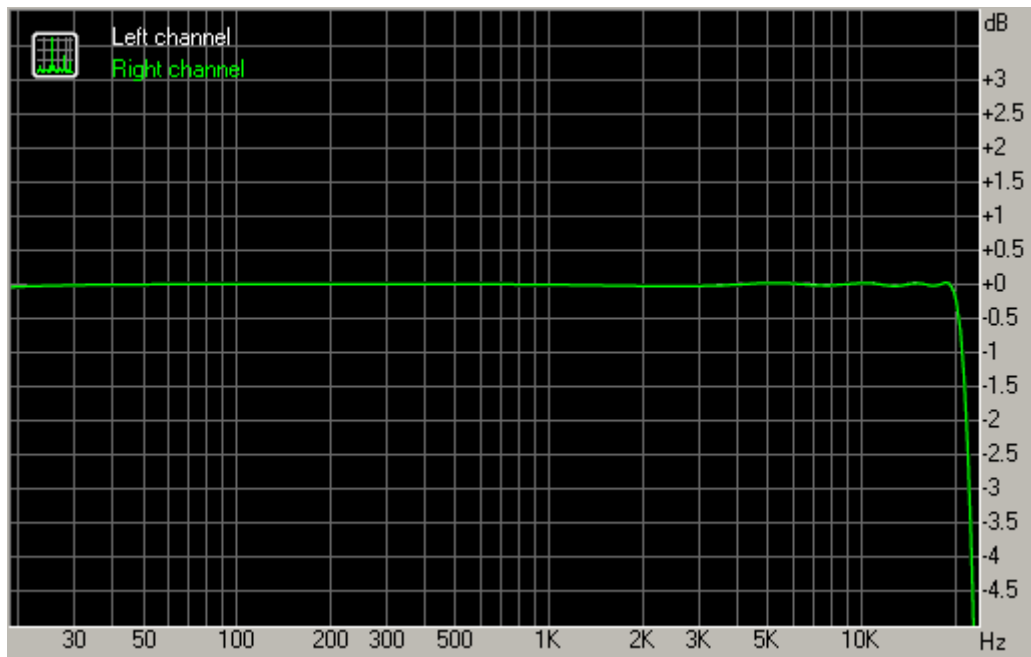
Testing device	kX Wave CT4760 10k1 [ff80] 0/1
Sampling mode	16-bit, 48 kHz
Interface	DirectSound
Testing chain	External loopback (RTL_HD - ADC_I2S)
RMAA Version	6.2.2

20 Hz - 20 kHz filter	ON
Normalize amplitude	OFF
Level change	-1.2 dB / -1.2 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	inverted/inverted

### Summary

Frequency response (from 40 Hz to 15 kHz), dB	+0.02, -0.03	Excellent
Noise level, dB (A)	-92.3	Very good
Dynamic range, dB (A)	92.6	Very good
THD, %	0.0061	Very good
THD + Noise, dB (A)	-80.0	Average
IMD + Noise, %	0.010	Very good
Stereo crosstalk, dB	-92.7	Excellent
IMD at 10 kHz, %	0.010	Very good

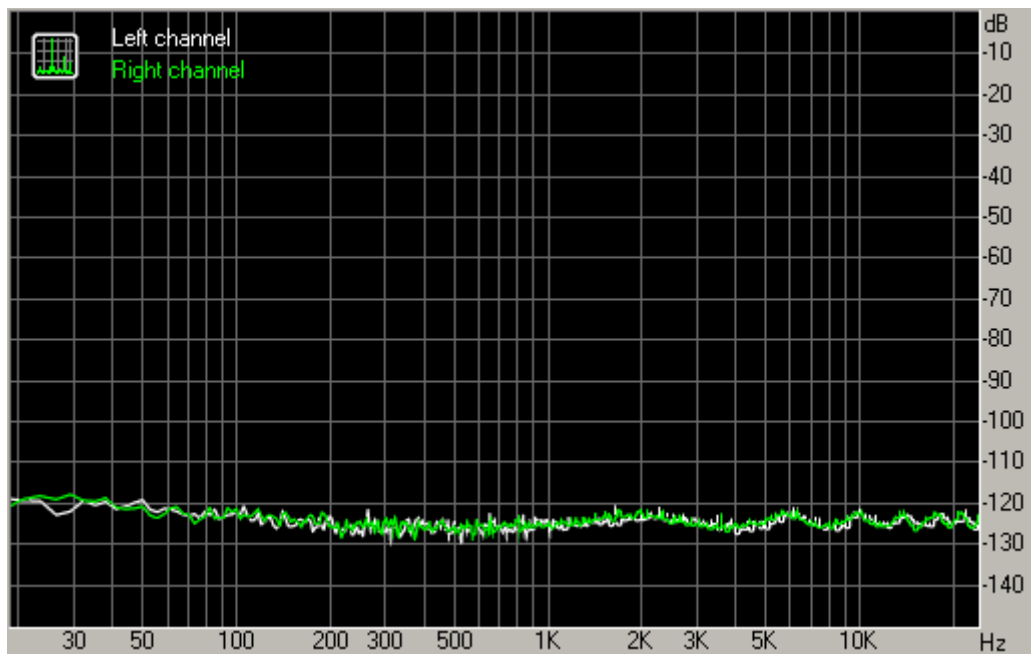
### Frequency response



From 20 Hz to 20 kHz, dB -0.14, +0.02

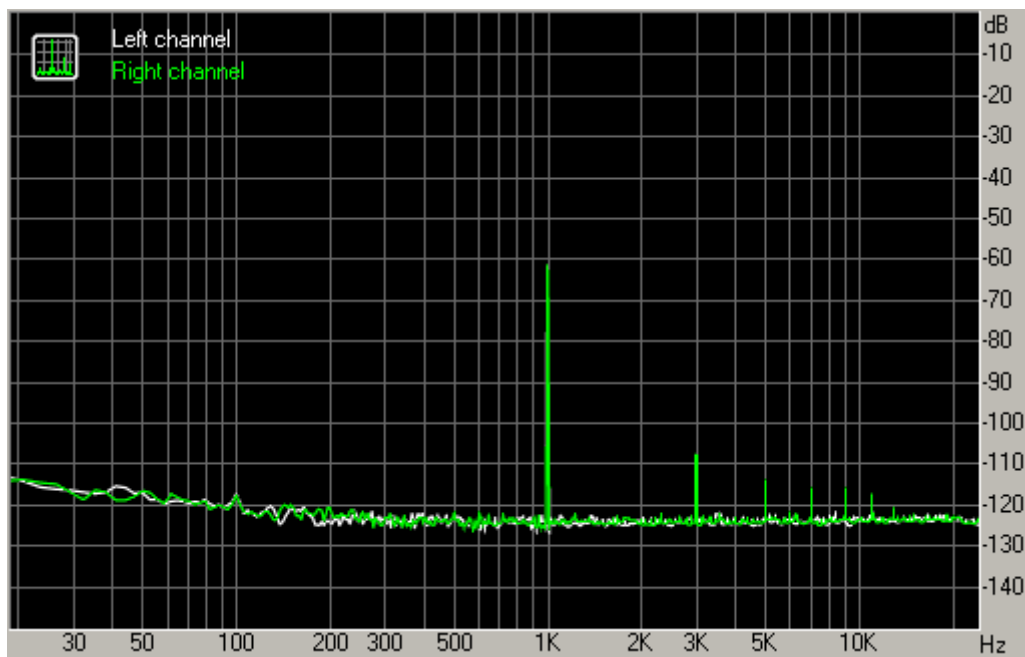
From 40 Hz to 15 kHz, dB -0.03, +0.02

### Noise level



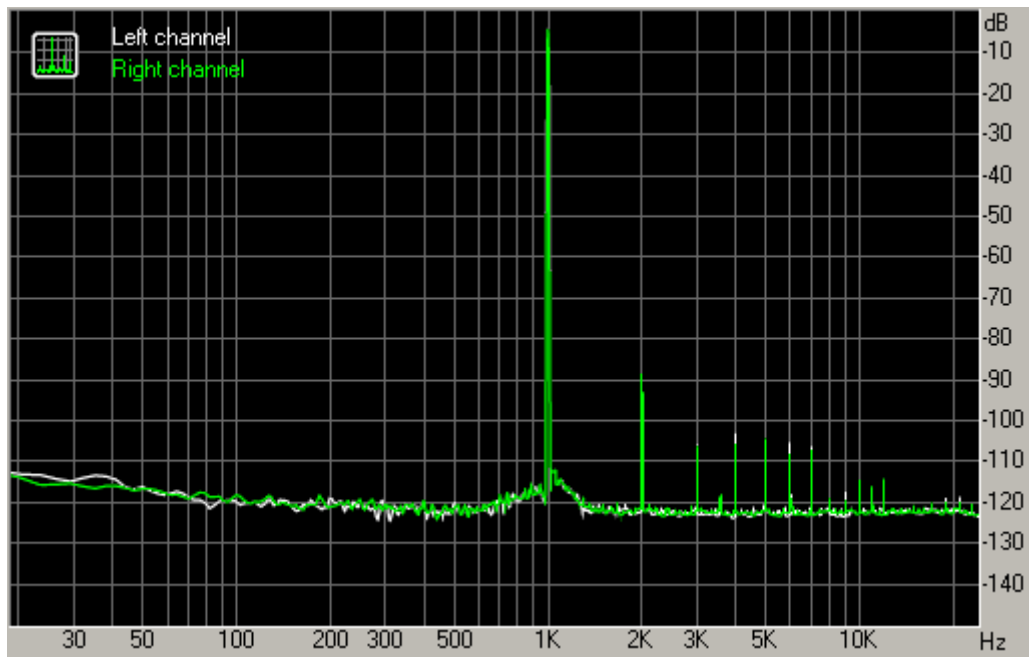
	Left	Right
RMS power, dB	-91.4	-91.2
RMS power (A-weighted), dB	-92.4	-92.1
Peak level, dB FS	-77.0	-77.4
DC offset, %	-0.0	-0.0

### Dynamic range



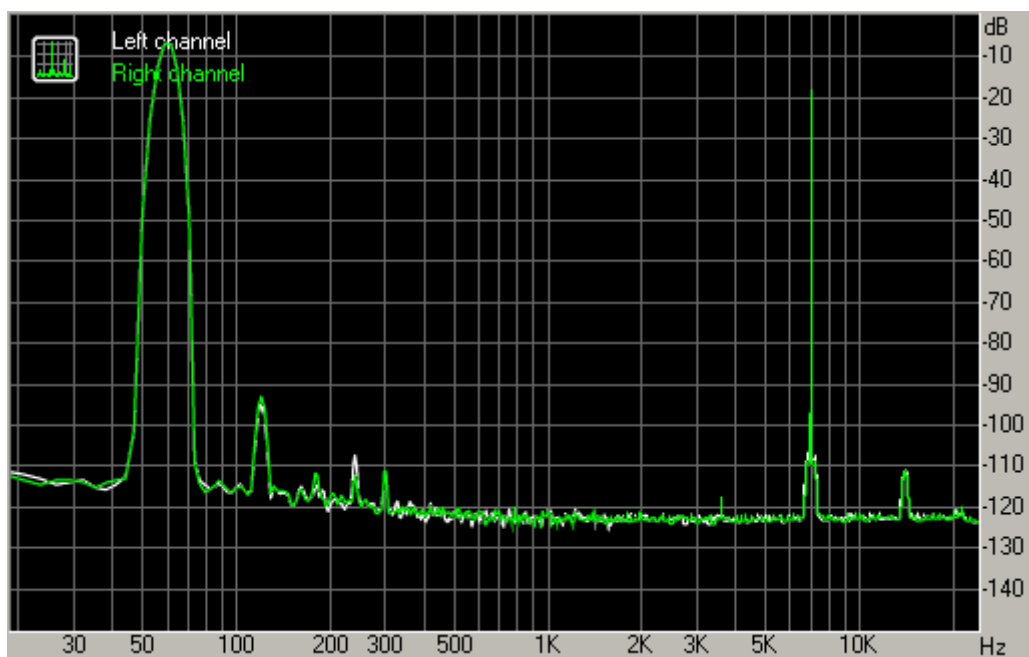
	Left	Right
Dynamic range, dB	+91.5	+91.3
Dynamic range (A-weighted), dB	+92.7	+92.4
DC offset, %	-0.00	-0.00

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



	Left	Right
THD, %	+0.0058	+0.0065
THD + Noise, %	+0.0088	+0.0093
THD + Noise (A-weighted), %	+0.0096	+0.0104

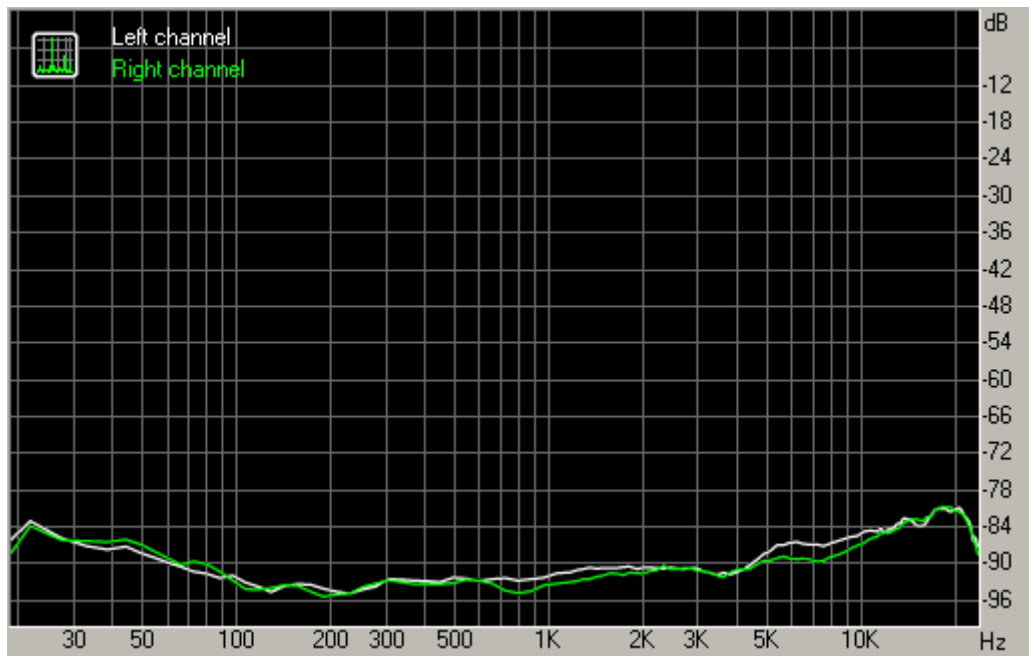
## Intermodulation distortion



Left Right

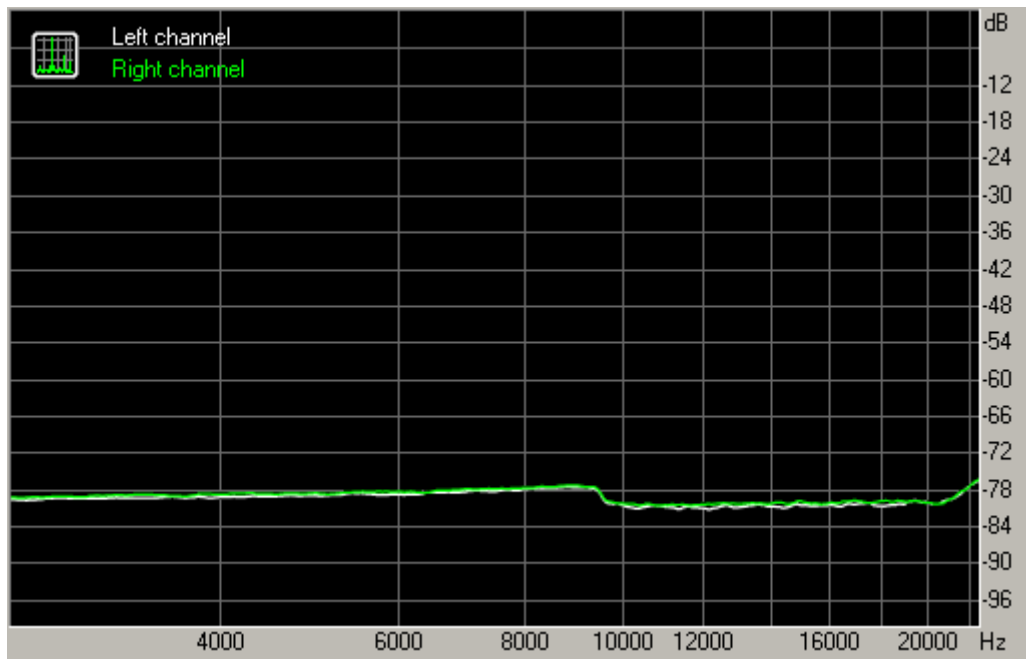
IMD + Noise, %	+0.0100	+0.0104
IMD + Noise (A-weighted), %	+0.0083	+0.0084

### Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-91	-92
Crosstalk at 1000 Hz, dB	-91	-92
Crosstalk at 10000 Hz, dB	-84	-86

## IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.0113	0.0118
IMD + Noise at 10000 Hz,	0.0095	0.0098
IMD + Noise at 15000 Hz,	0.0095	0.0102