

RightMark Audio Analyzer test report

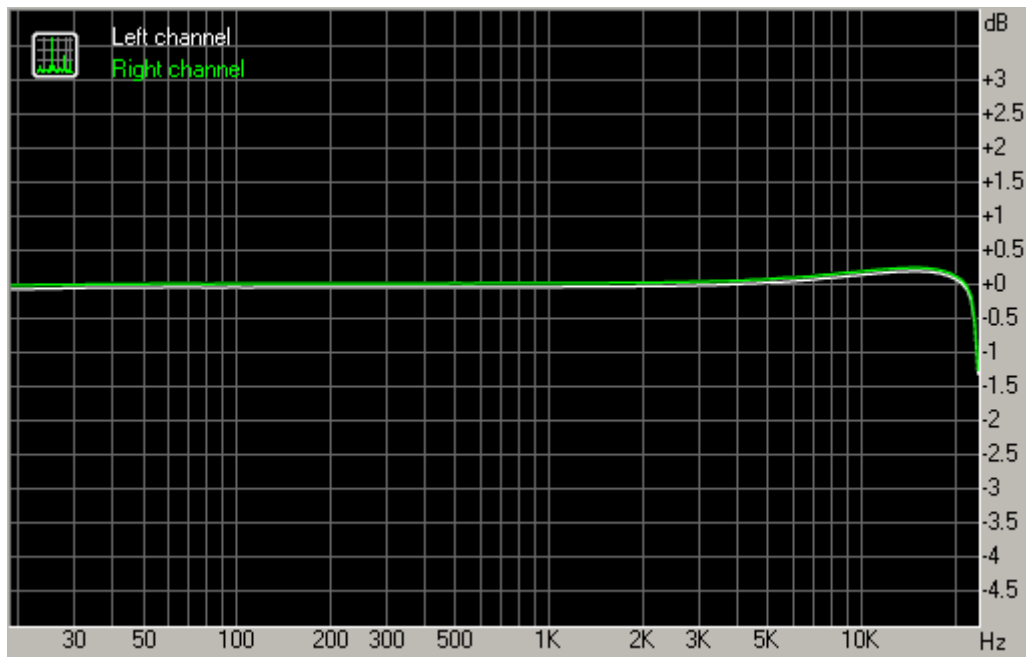
Testing device	kX Wave CT4760 10k1 [ff80] 0/1
Sampling mode	16-bit, 48 kHz
Interface	DirectSound
Testing chain	External loopback (line-out - ADC_I2S)
RMAA Version	6.2.2

20 Hz - 20 kHz filter	ON
Normalize amplitude	OFF
Level change	-0.0 dB / 0.0 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	inverted/inverted

Summary

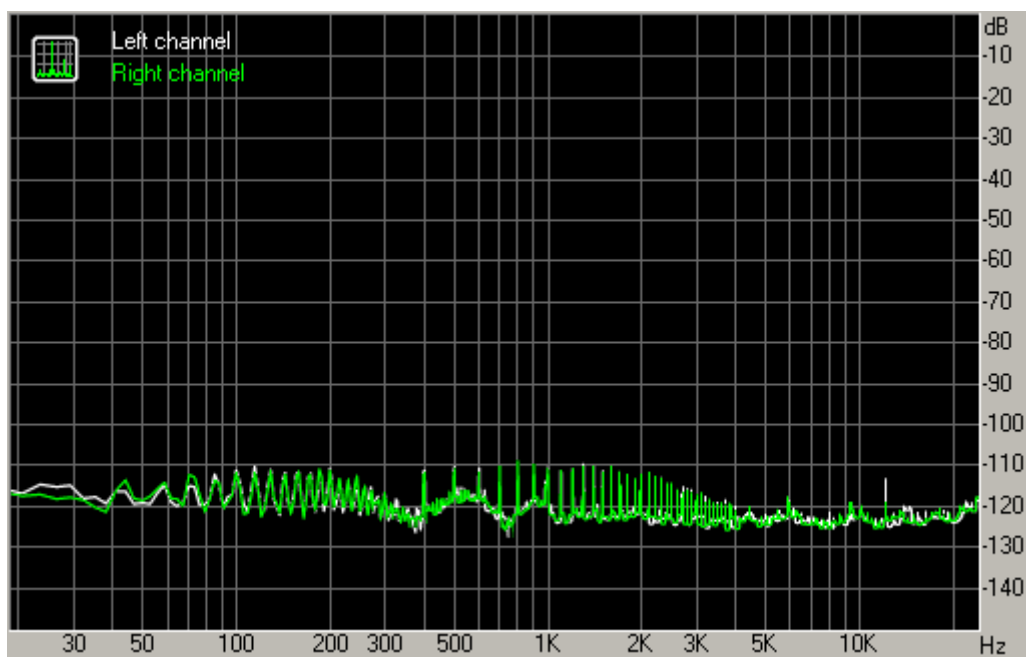
Frequency response (from 40 Hz to 15 kHz), dB	+0.19, -0.05	Very good
Noise level, dB (A)	-90.5	Very good
Dynamic range, dB (A)	90.5	Very good
THD, %	0.011	Good
THD + Noise, dB (A)	-76.2	Average
IMD + Noise, %	0.013	Very good
Stereo crosstalk, dB	-87.5	Excellent
IMD at 10 kHz, %	0.012	Very good

Frequency response



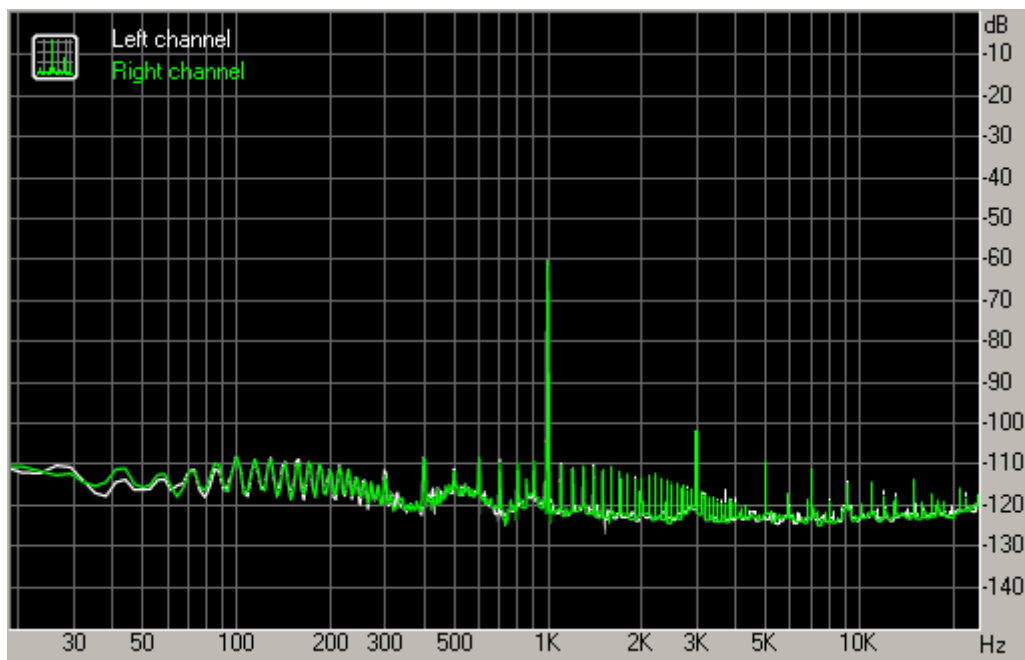
From 20 Hz to 20 kHz, dB	-0.07, +0.19
From 40 Hz to 15 kHz, dB	-0.05, +0.19

Noise level



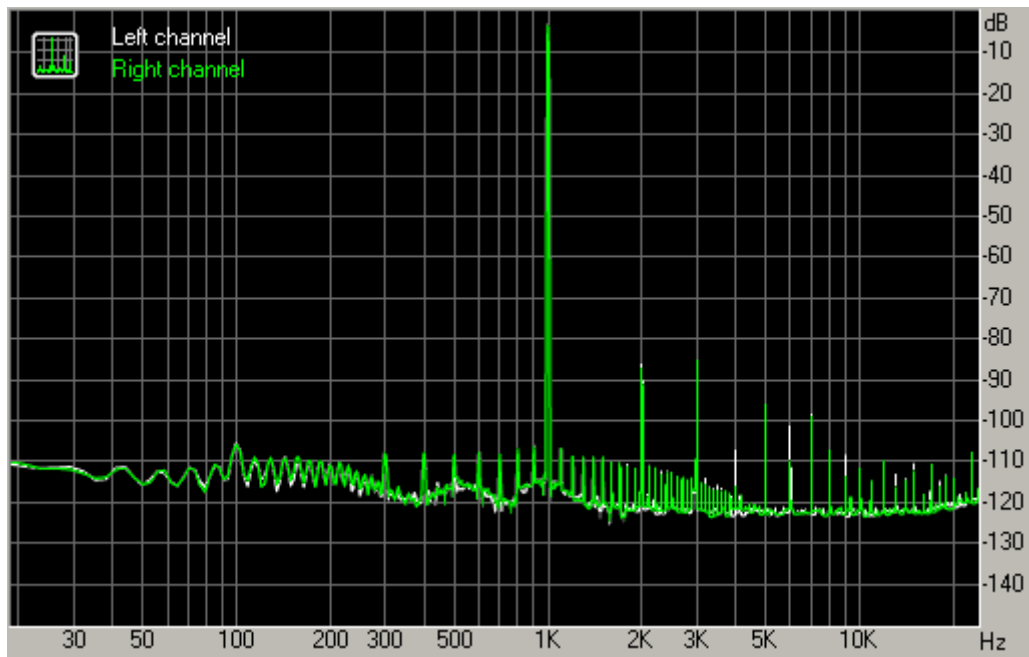
	Left	Right
RMS power, dB	-89.6	-89.6
RMS power (A-weighted), dB	-90.5	-90.5
Peak level, dB FS	-74.2	-73.9
DC offset, %	-0.0	-0.0

Dynamic range



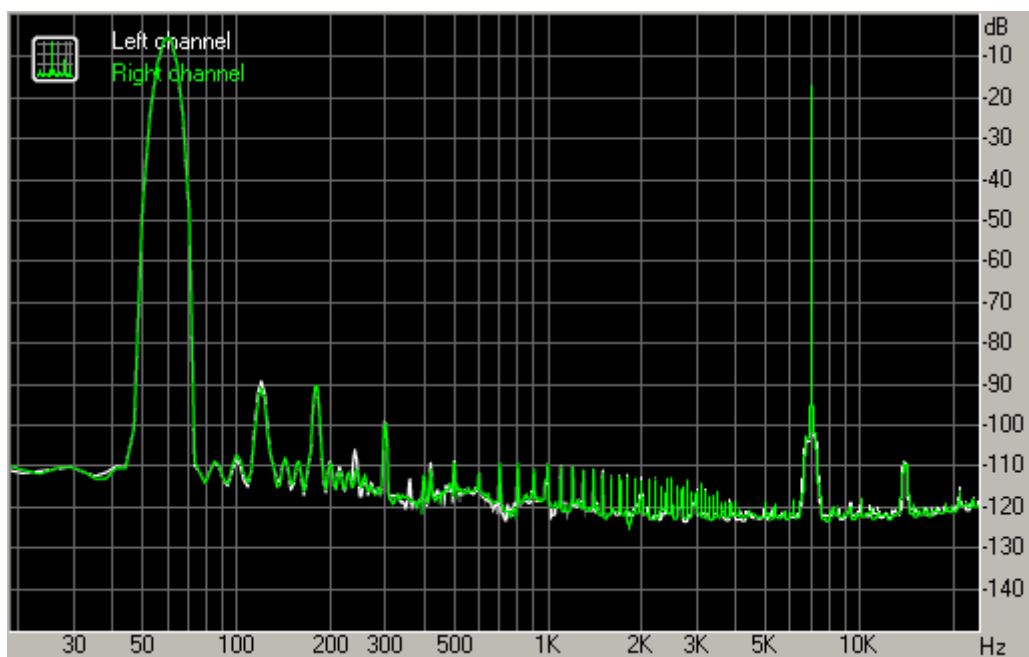
	Left	Right
Dynamic range, dB	+89.5	+89.6
Dynamic range (A-weighted), dB	+90.5	+90.6
DC offset, %	+0.00	+0.00

THD + Noise (at -3 dB FS)



	Left	Right
THD, %	+0.0111	+0.0106
THD + Noise, %	+0.0129	+0.0125
THD + Noise (A-weighted), %	+0.0157	+0.0151

Intermodulation distortion

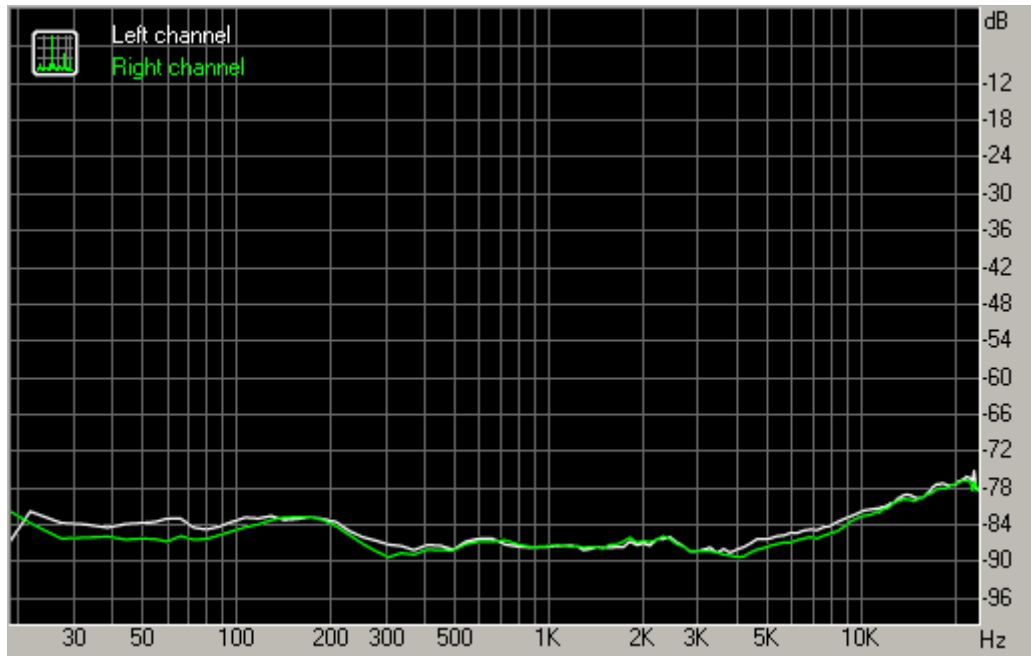


Left

Right

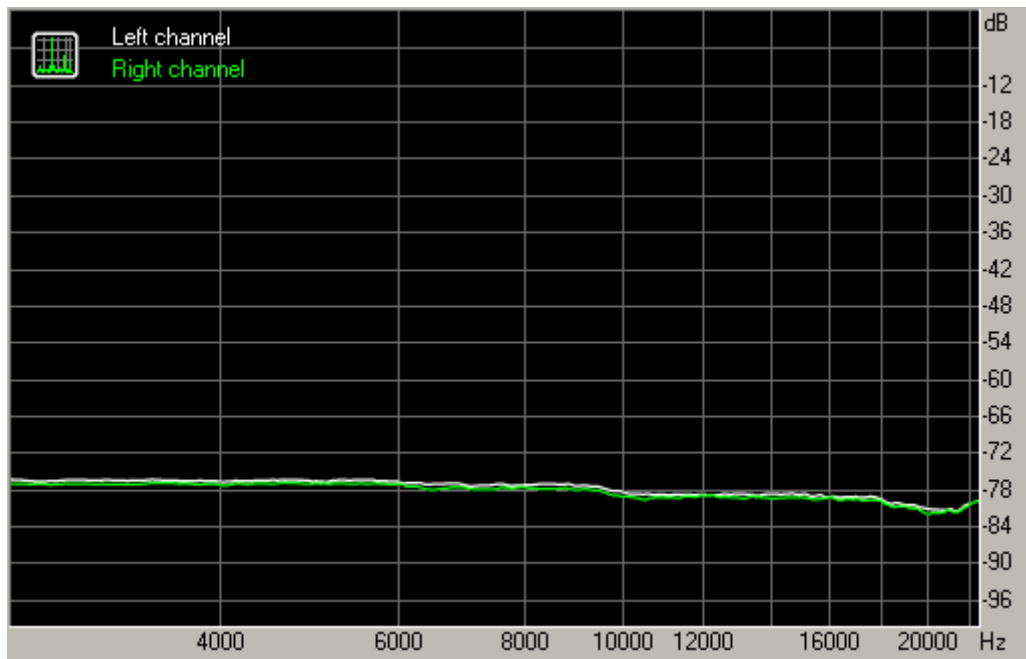
IMD + Noise, %	+0.0132	+0.0127
IMD + Noise (A-weighted), %	+0.0096	+0.0094

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-82	-84
Crosstalk at 1000 Hz, dB	-87	-86
Crosstalk at 10000 Hz, dB	-81	-82

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.0148	0.0142
IMD + Noise at 10000 Hz,	0.0122	0.0112
IMD + Noise at 15000 Hz,	0.0116	0.0110