

## Test report in RightMark Audio Analyzer

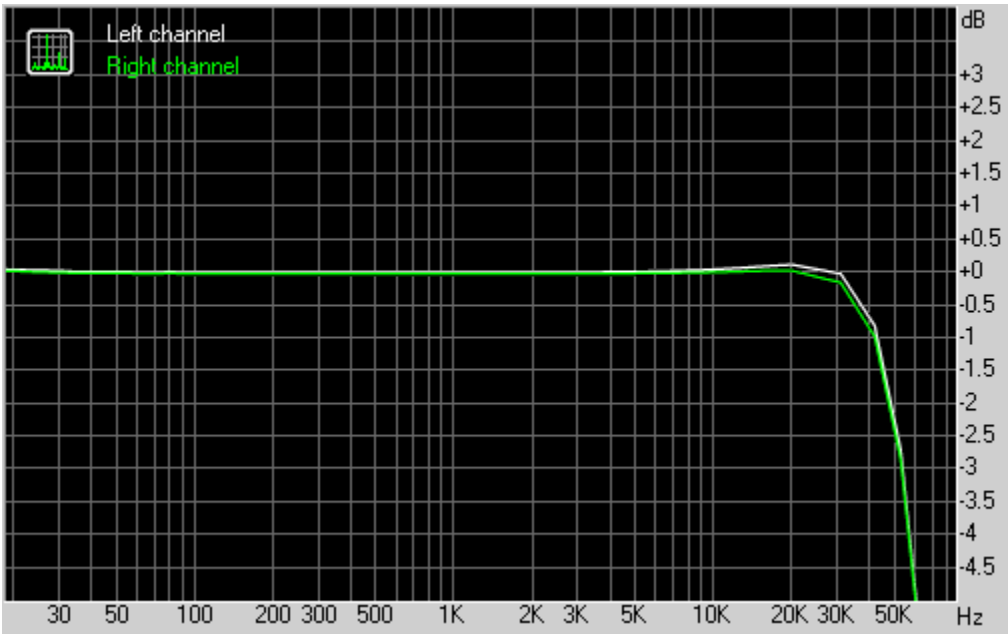
Device under test	ASUS U7 Loop
Working mode	24-bit, 192 kHz
Sound interface	
Signal route	External loopback (line-out - line-in)
RMAA version	6.2.3 PRO

Filter 20 Hz - 20 kHz	YES
Signal normalization	YES
Level change	1.0 dB / 1.0 dB
MONO mode	NO
Calibration signal frequency, Hz	1000
Polarity	correct/correct

### General results

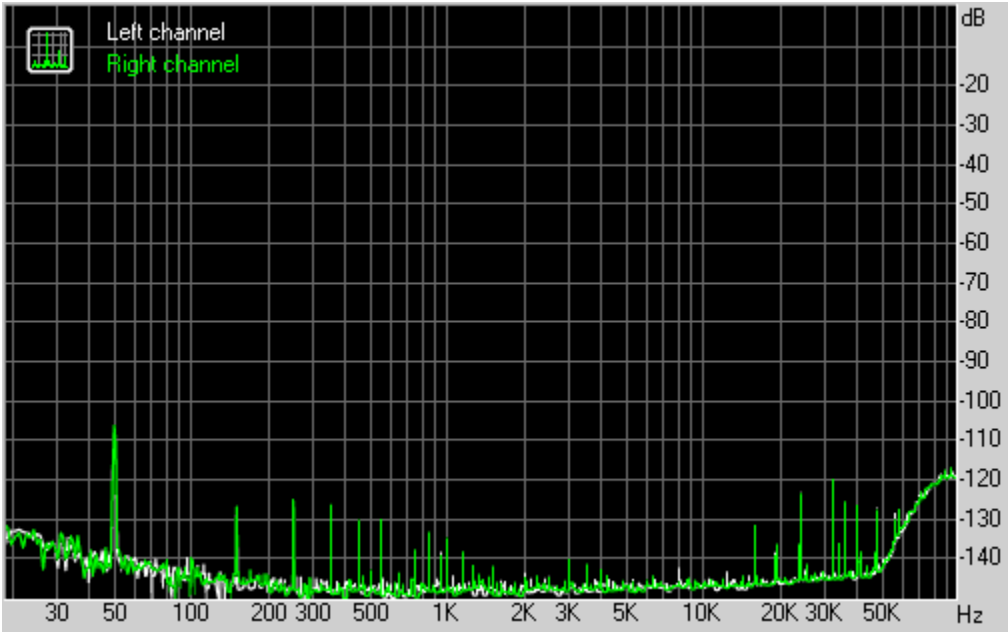
Frequency response unevenness (in the range of 40 Hz - 15 kHz), dB	+0.07, -0.01	Excellent
Noise level, dB (A)	-112.0	Excellent
Dynamic range, dB (A)	112.3	Excellent
Harmonic distortion, %	0.0038	Very well
Harmonic distortion + noise, dB(A)	-86.2	Good
Intermodulation distortion + noise, %	0.0072	Excellent
Interpenetration of channels, dB	-88.1	Excellent
Intermodulation at 10 kHz, %	0.010	Very well
<b>Overall rating</b>		<b>Excellent</b>

### frequency response



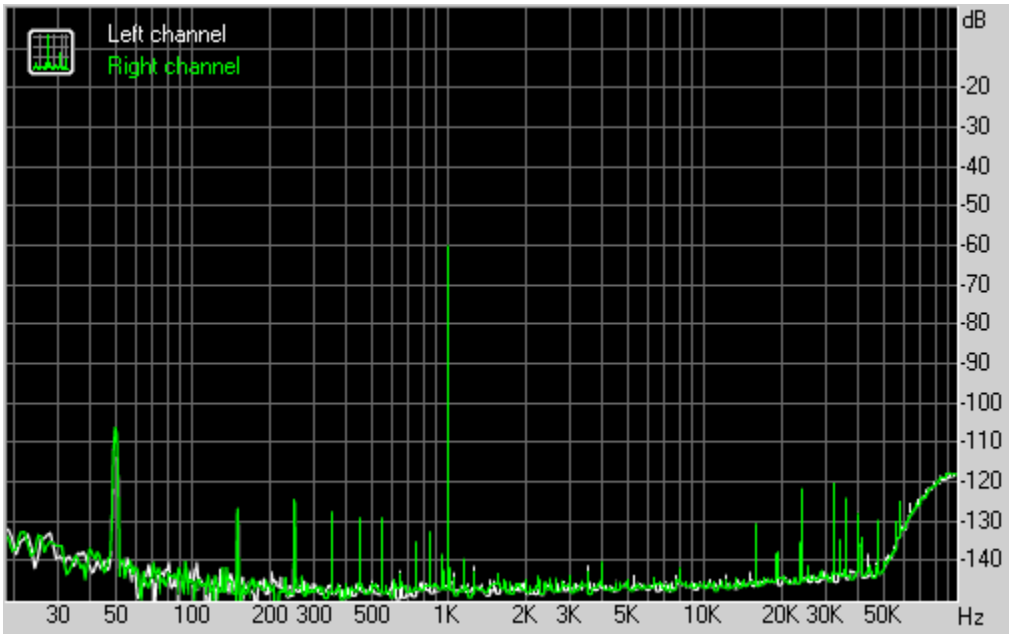
From 20 Hz to 20 kHz, dB	-0.01, +0.10
From 40 Hz to 15 kHz, dB	-0.01, +0.07

Noise level



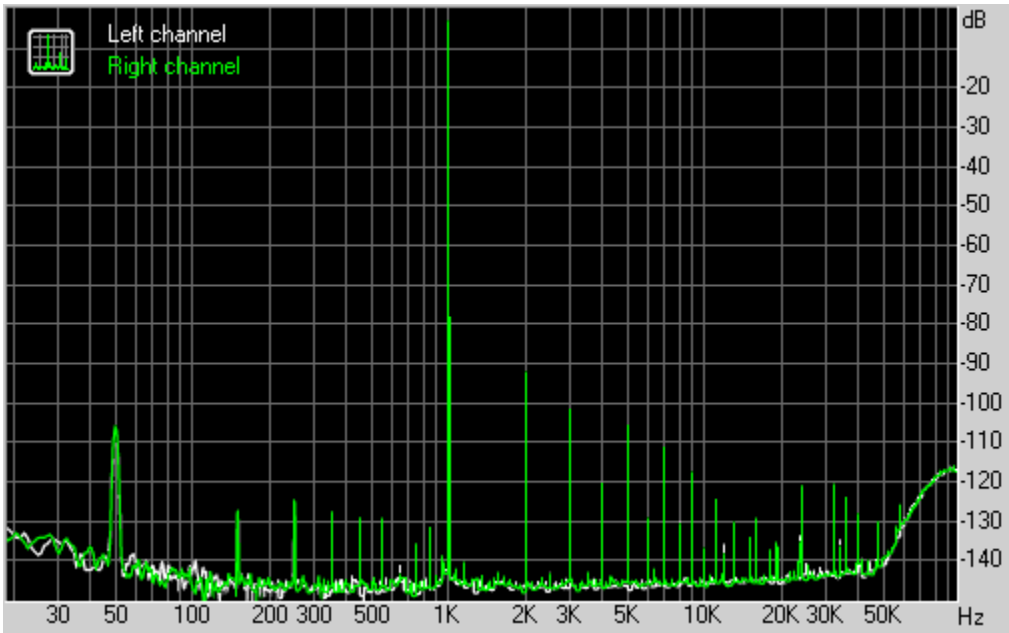
	Left	Right
RMS power, dB	-105.9	-105.5
Power RMS, dB(A)	-112.0	-112.0
Peak level, dB	-69.0	-68.1
DC offset, %	+0.0	+0.0

Dynamic Range



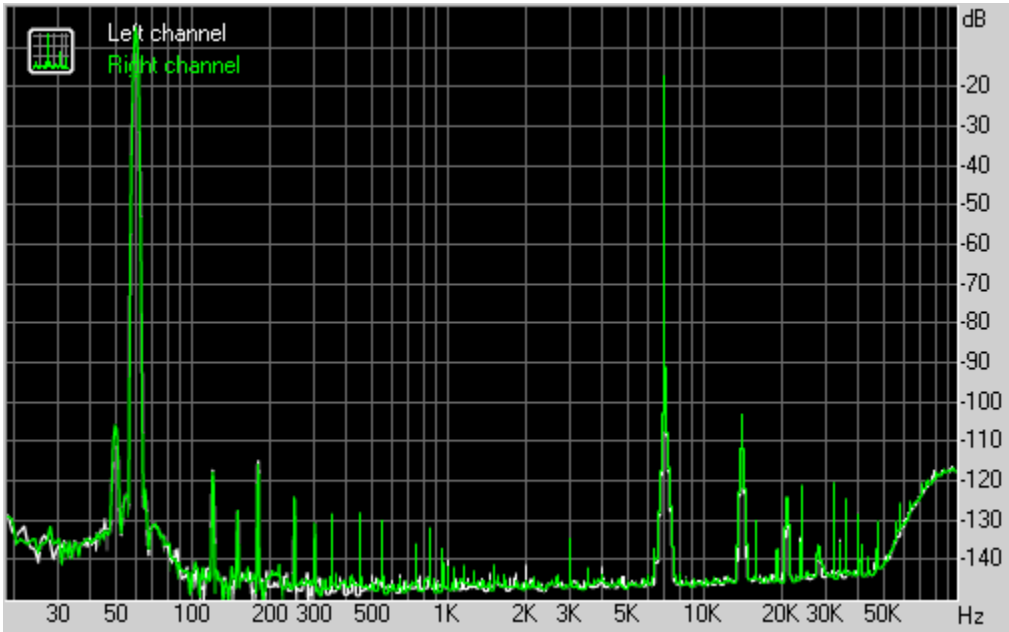
	Left	Right
Dynamic range, dB	+106.9	+106.5
Dynamic range, dB (A)	+112.3	+112.3
DC offset, %	-0.00	+0.00

Harmonic distortion + noise (-3 dB)



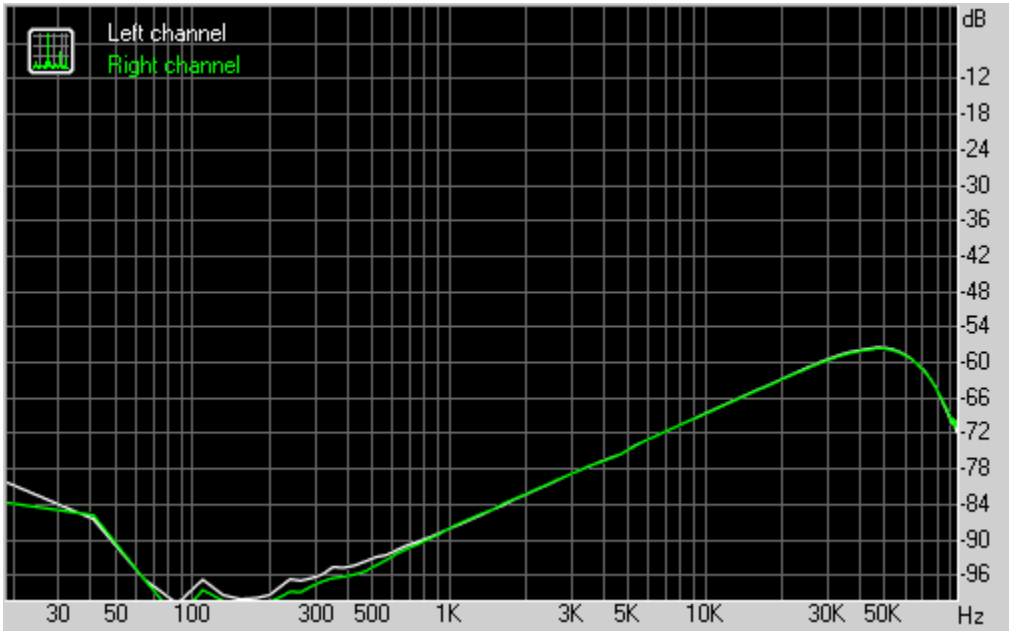
	Left	Right
Harmonic distortion, %	+0.0037	+0.0038
Harmonic distortion + noise, %	+0.0038	+0.0039
Harmonic Distortion + Noise (A-weighted), %	+0.0048	+0.0050

Intermodulation distortion



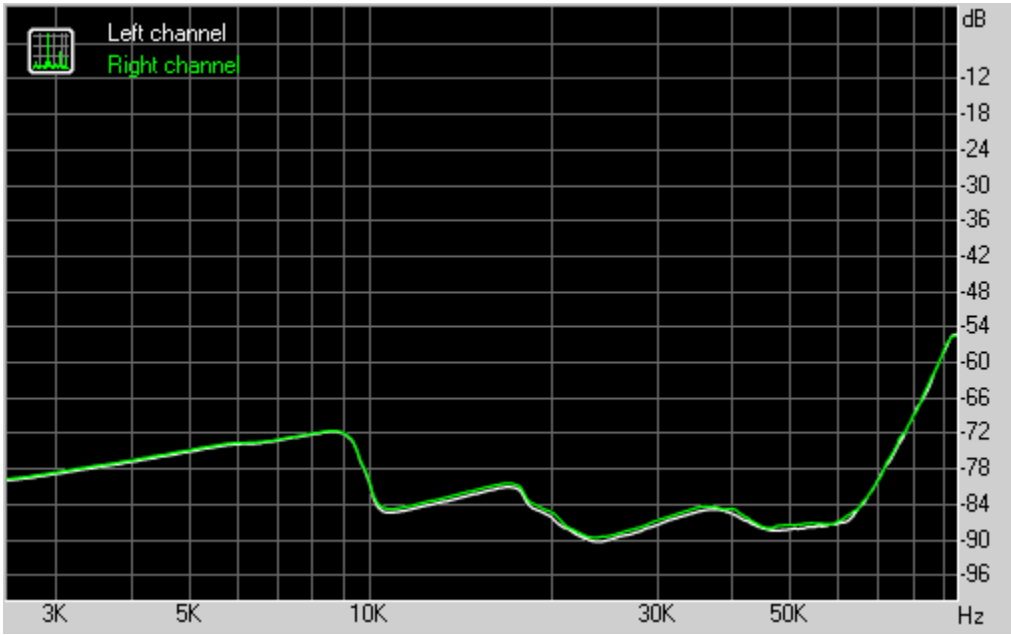
	Left	Right
Intermodulation distortion + noise, %	+0.0071	+0.0073
Intermodulation distortion + noise (A-weighted), %	+0.0070	+0.0072

Interpenetration of stereo channels



	Left	Right
Penetration at 100 Hz, dB	-97	-100
Penetration at 1000 Hz, dB	-87	-87
Penetration at 10000 Hz, dB	-68	-68

Intermodulation distortion (variable frequency)



	Left	Right
Intermodulation distortion + noise at 5000 Hz,	0.0100	0.0103
Intermodulation distortion + noise at 10000 Hz,	0.0100	0.0103
Intermodulation distortion + noise at 15000 Hz,	0.0100	0.0103

