

RightMark Audio Analyzer test report

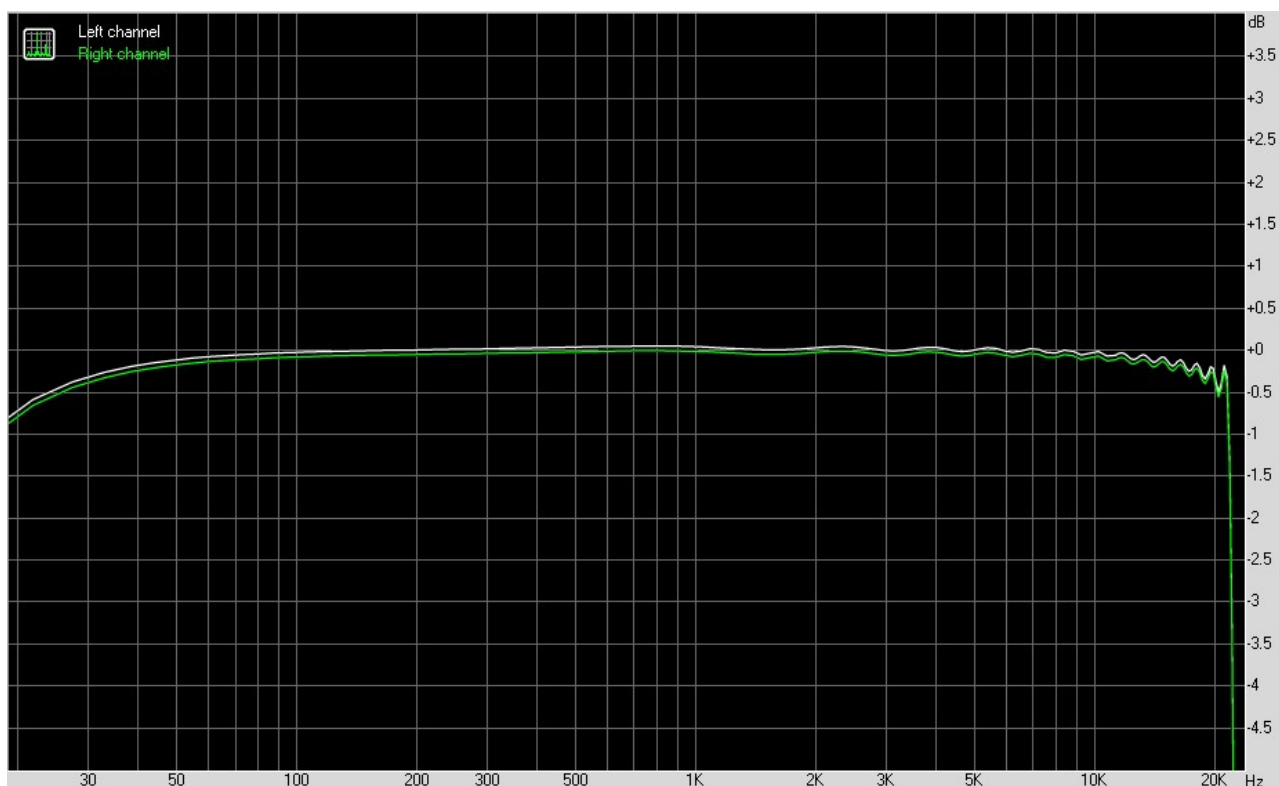
Testing device	loxjie_headphone
Sampling mode	24-bit, 48 kHz
Interface	
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.5

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	0.3 dB / 0.3 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

Frequency response (from 40 Hz to 15 kHz), dB	-0.01, -0.24	Very good
Noise level, dB (A)	-101.6	Excellent
Dynamic range, dB (A)	101.5	Excellent
THD, %	0.00155	Excellent
THD + Noise, dB (A)	-91.6	Very good
IMD + Noise, %	0.00365	Excellent
Stereo crosstalk, dB	-82.5	Very good
IMD at 10 kHz, %	0.00422	Excellent
General performance		Excellent

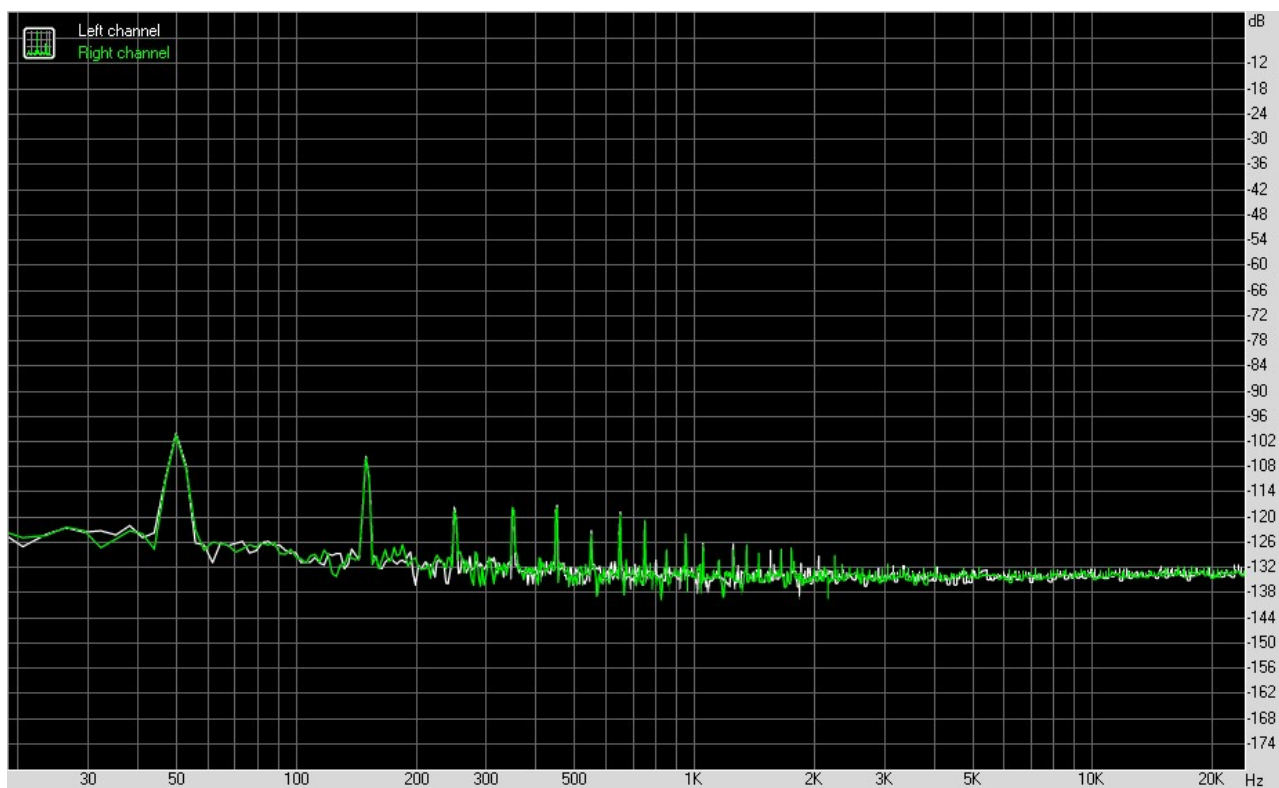
Frequency response



	Left	Right
From 20 Hz to 20 kHz, dB	-0.73, +0.05	-0.80, -0.01

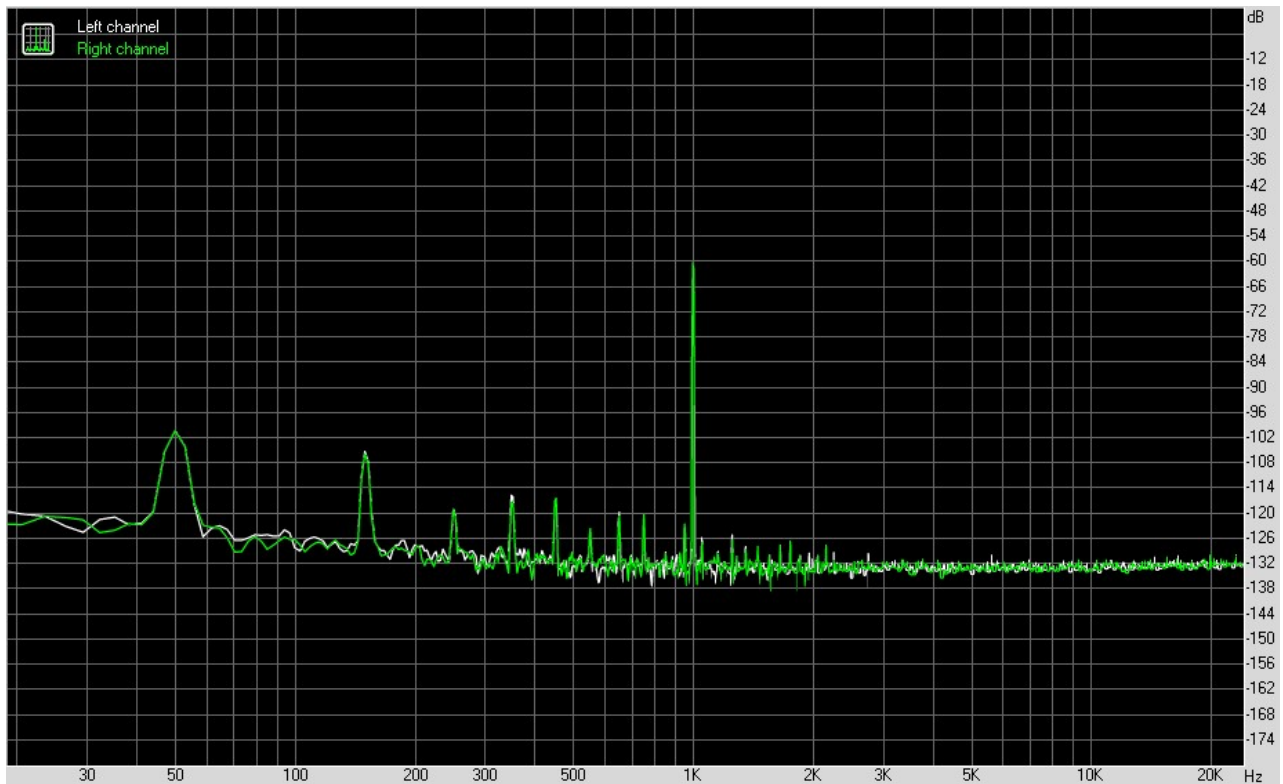
From 40 Hz to 15 kHz, dB -0.18, +0.05 -0.24, -0.01

Noise level



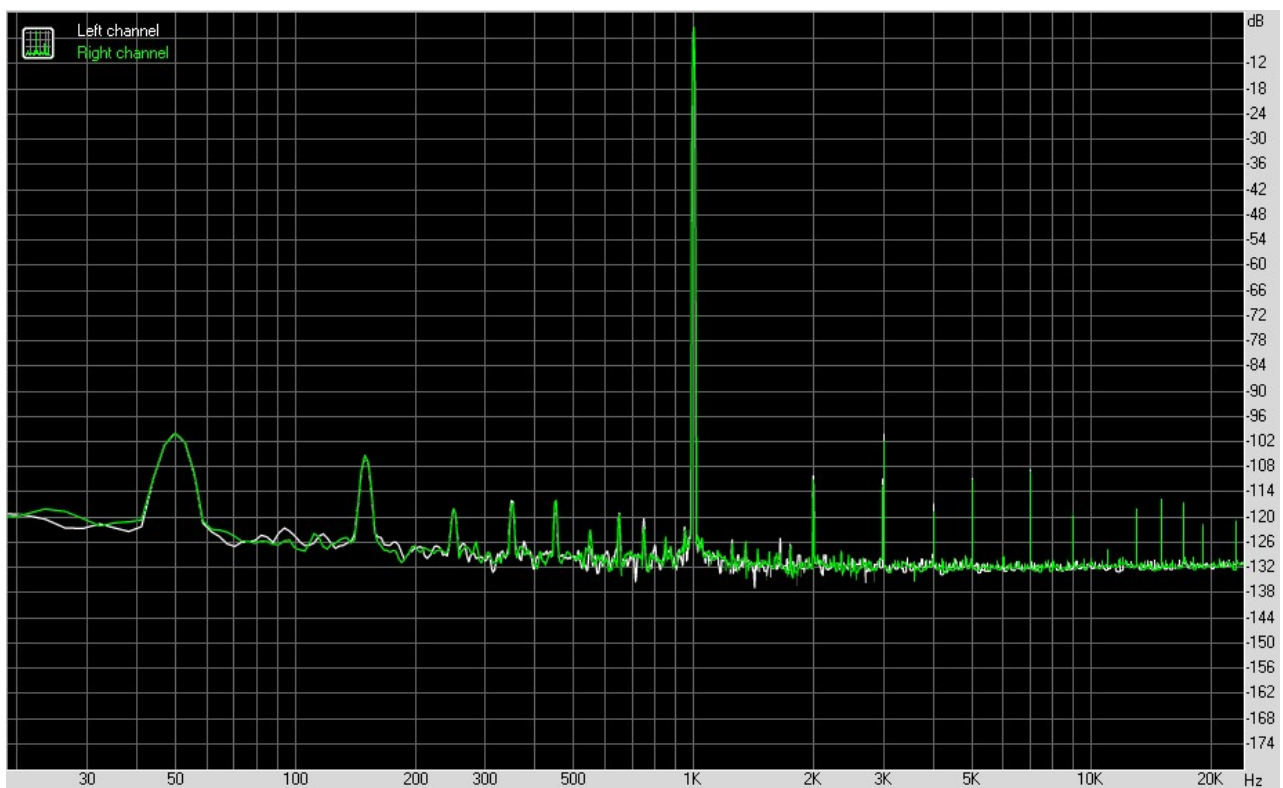
	Left	Right
RMS power, dB	-98.0	-98.3
RMS power (A-weighted), dB	-101.5	-101.6
Peak level, dB FS	-84.7	-84.4
DC offset, %	-0.0	-0.0

Dynamic range



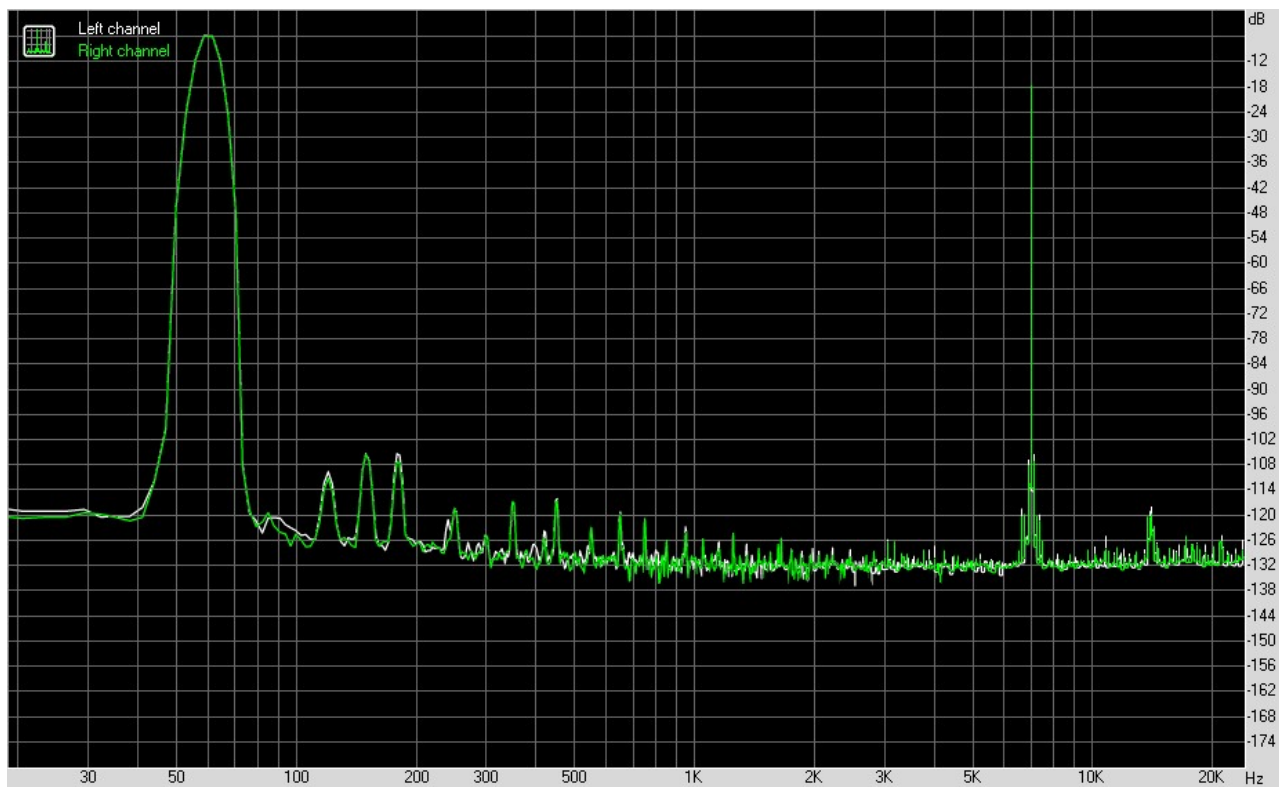
	Left	Right
Dynamic range, dB	+98.0	+98.2
Dynamic range (A-weighted), dB	+101.5	+101.5
DC offset, %	-0.00	-0.00

THD + Noise (at -3 dB FS)



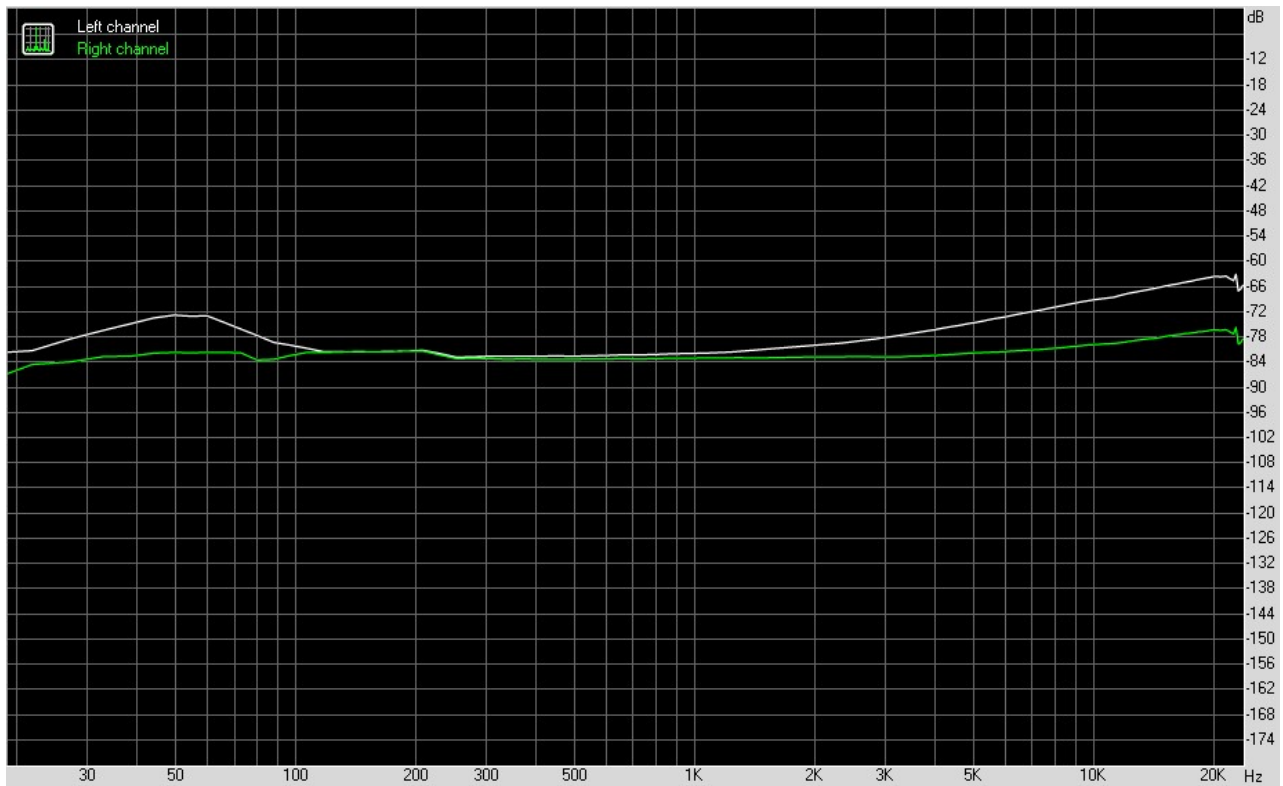
	Left	Right
THD, %	0.00166	0.00143
THD + Noise, %	0.00310	0.00290
THD + Noise (A-weighted), %	0.00276	0.00250

Intermodulation distortion



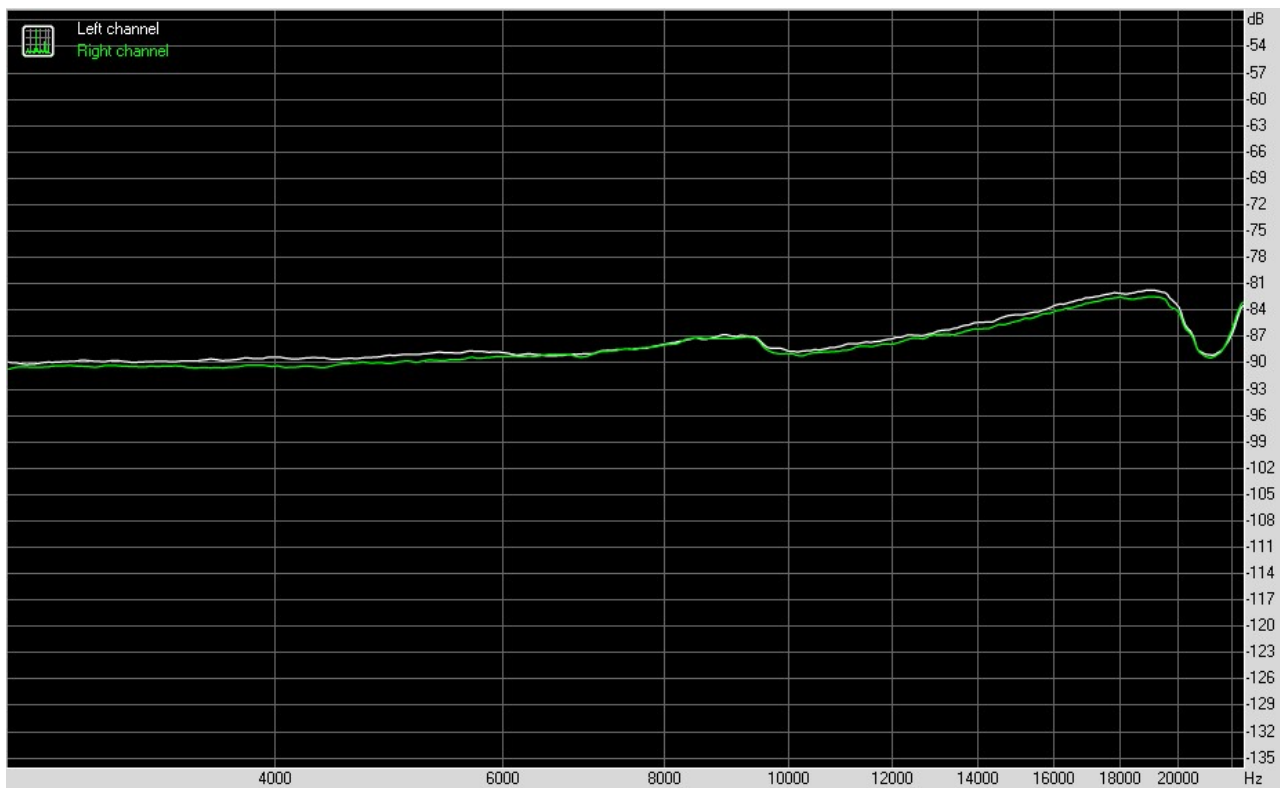
	Left	Right
IMD + Noise, %	0.00371	0.00359
IMD + Noise (A-weighted), %	0.00264	0.00252

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-79	-81
Crosstalk at 1000 Hz, dB	-81	-82
Crosstalk at 10000 Hz, dB	-68	-79

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.00351	0.00320
IMD + Noise at 10000 Hz,	0.00368	0.00356
IMD + Noise at 15000 Hz,	0.00594	0.00546