

RightMark Audio Analyzer test report

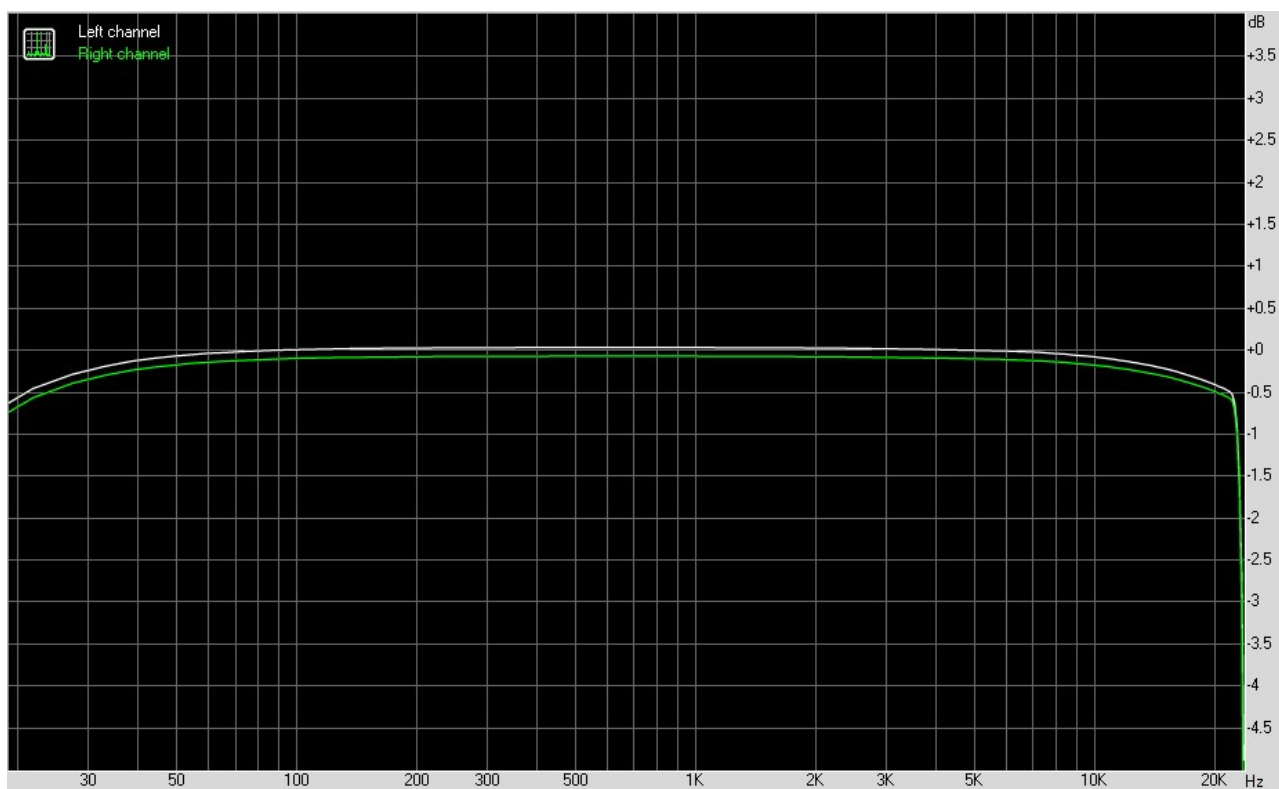
Testing device	smsl_m6_preout
Sampling mode	24-bit, 48 kHz
Interface	
Testing chain	External loopback (line-out - line-in)
RMAA Version	6.4.5

20 Hz - 20 kHz filter	ON
Normalize amplitude	ON
Level change	-1.0 dB / -1.1 dB
Mono mode	OFF
Calibration signal, Hz	1000
Polarity	correct/correct

Summary

Frequency response (from 40 Hz to 15 kHz), dB	+0.03, -0.22	Very good
Noise level, dB (A)	-102.5	Excellent
Dynamic range, dB (A)	102.5	Excellent
THD, %	0.00634	Very good
THD + Noise, dB (A)	-81.3	Good
IMD + Noise, %	0.00941	Very good
Stereo crosstalk, dB	-90.4	Excellent
IMD at 10 kHz, %	0.043	Good
General performance		Very good

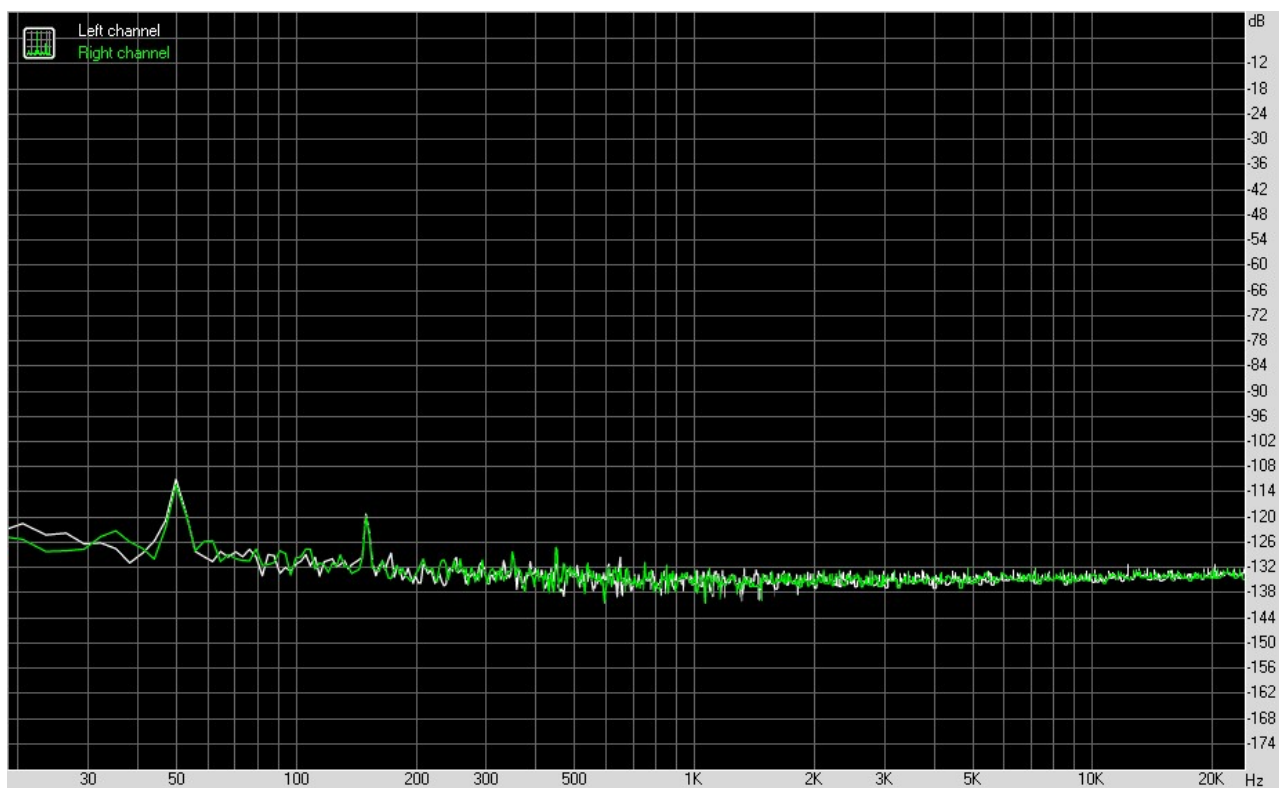
Frequency response



	Left	Right
From 20 Hz to 20 kHz, dB	-0.57, +0.03	-0.68, -0.07

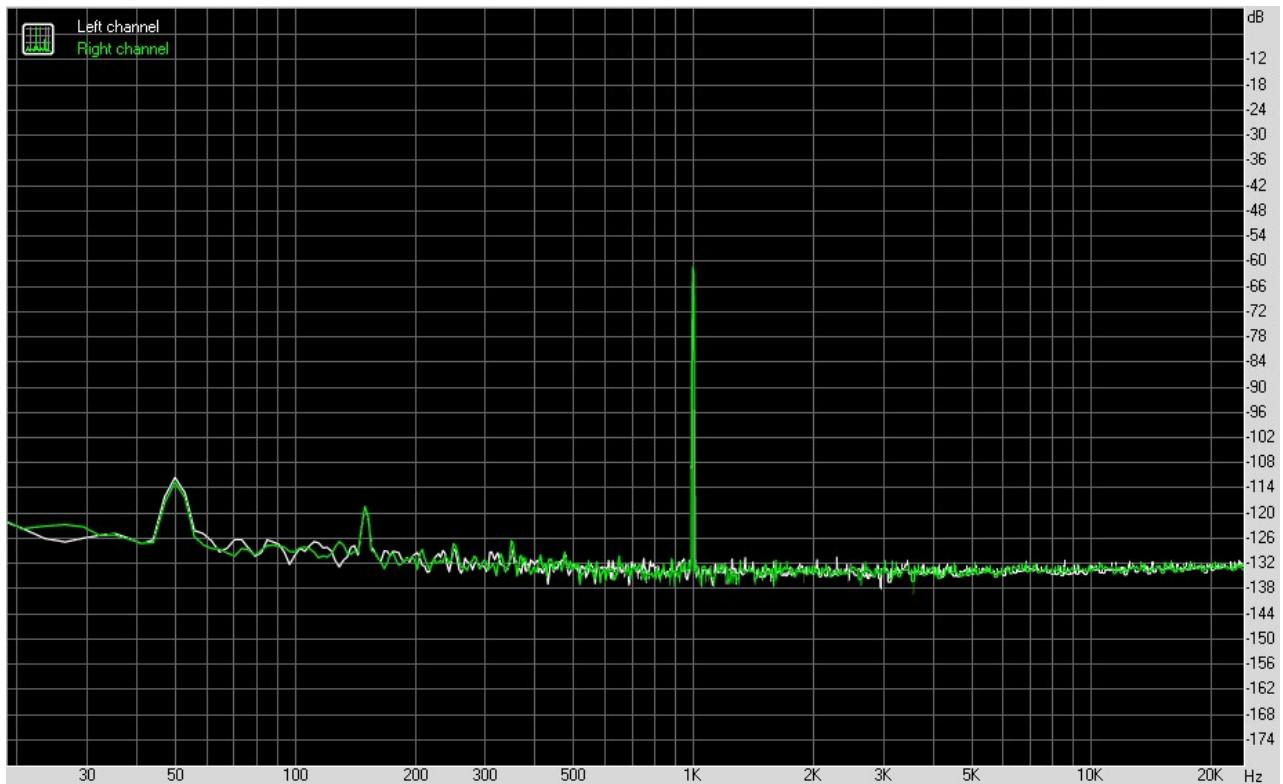
From 40 Hz to 15 kHz, dB -0.22, +0.03 -0.31, -0.07

Noise level



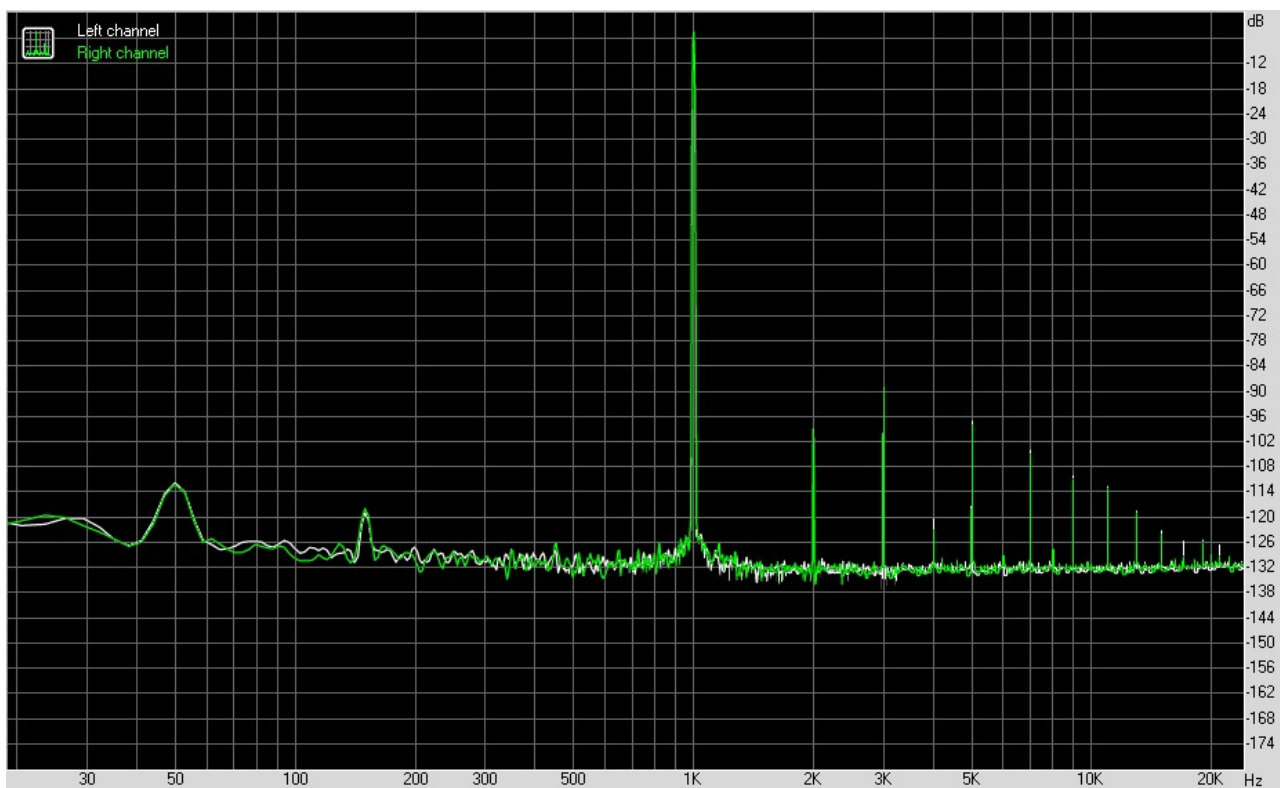
	Left	Right
RMS power, dB	-101.1	-101.1
RMS power (A-weighted), dB	-102.5	-102.5
Peak level, dB FS	-85.9	-86.0
DC offset, %	+0.0	+0.0

Dynamic range



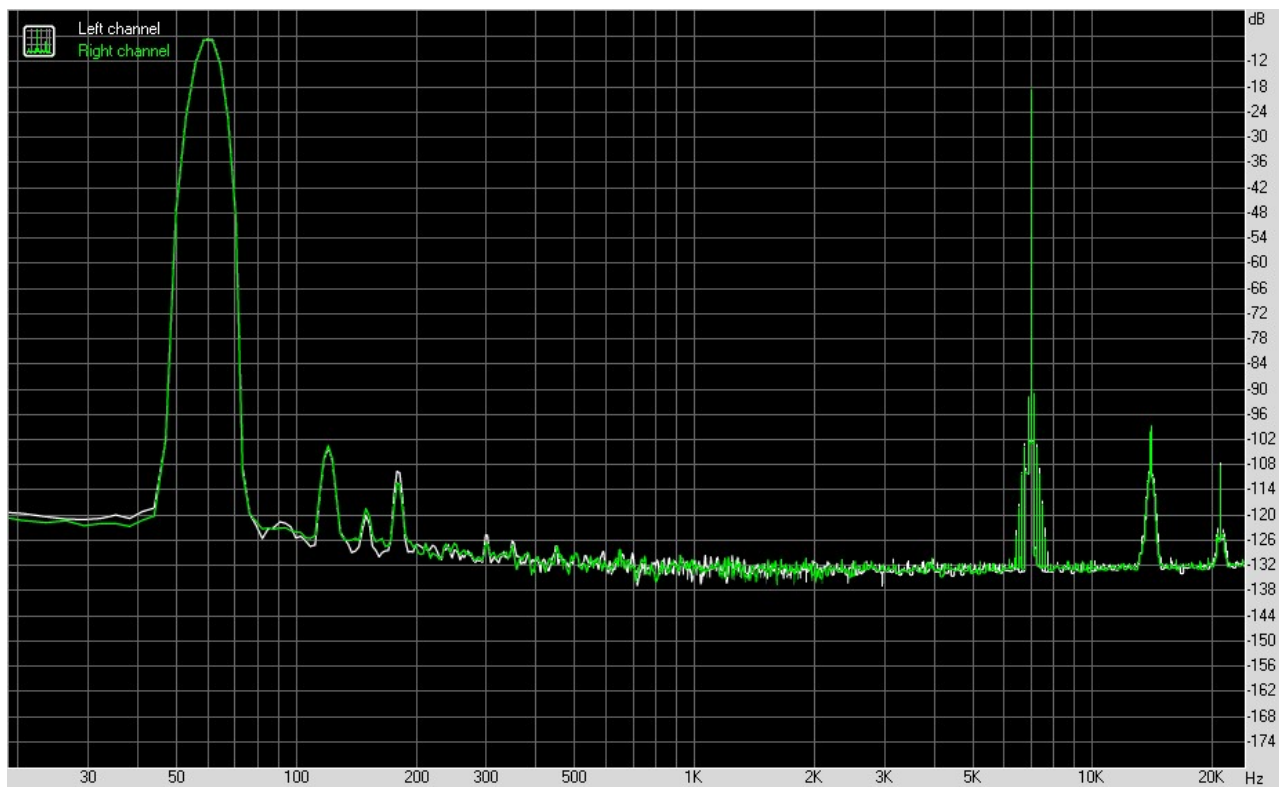
	Left	Right
Dynamic range, dB	+101.1	+101.1
Dynamic range (A-weighted), dB	+102.5	+102.5
DC offset, %	-0.00	-0.00

THD + Noise (at -3 dB FS)



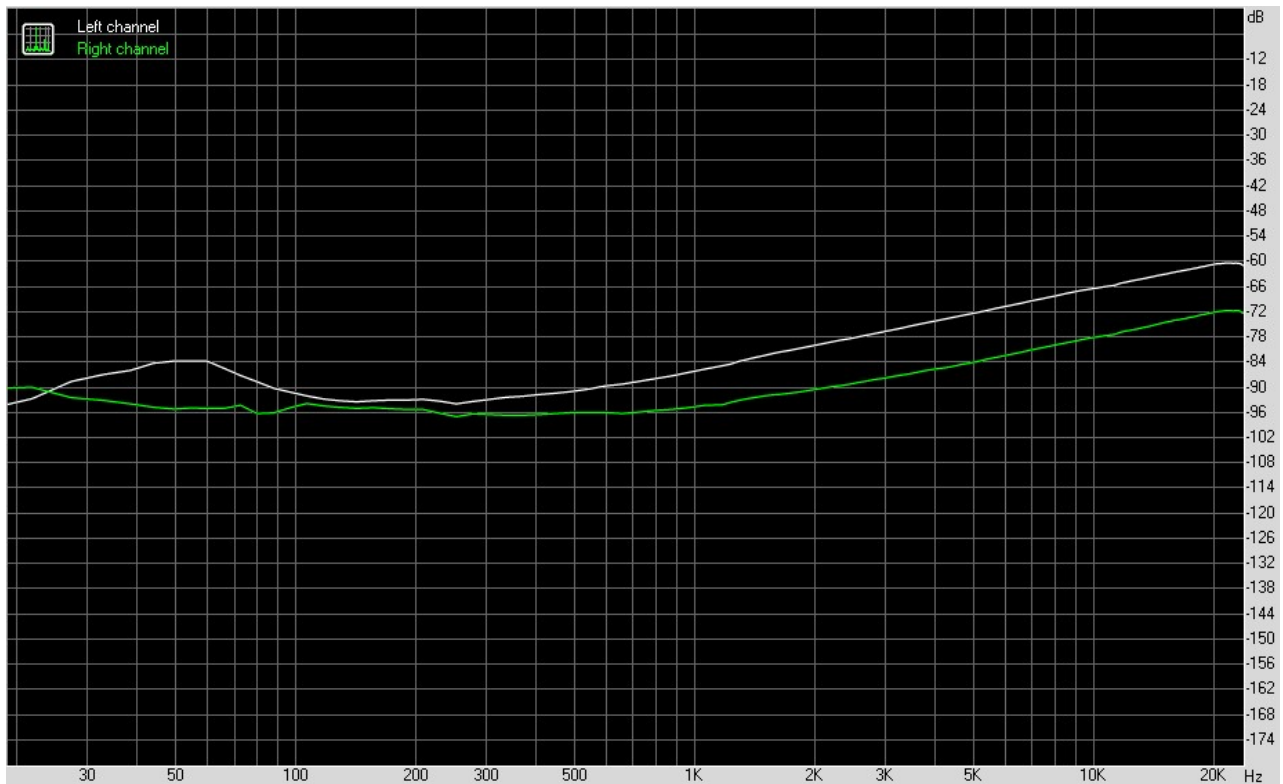
	Left	Right
THD, %	0.00637	0.00630
THD + Noise, %	0.00671	0.00665
THD + Noise (A-weighted), %	0.00860	0.00853

Intermodulation distortion



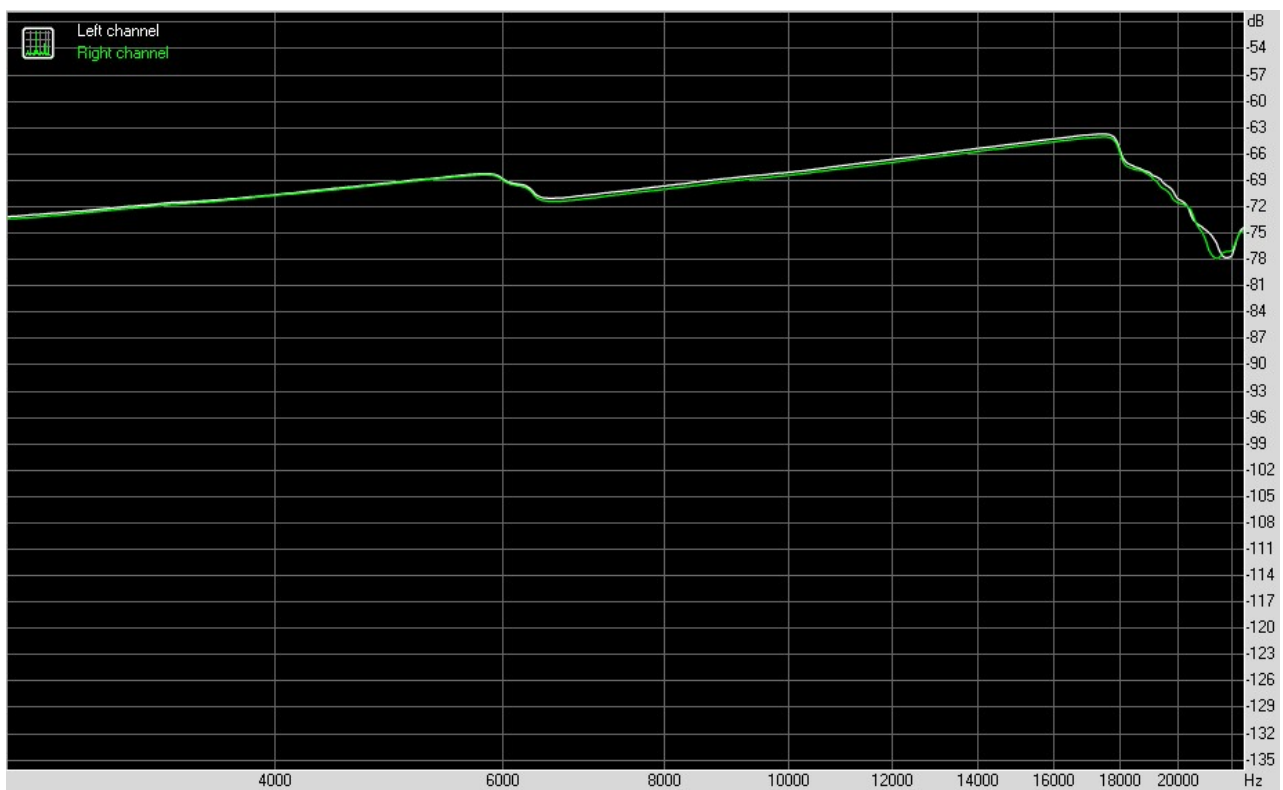
	Left	Right
IMD + Noise, %	0.00932	0.00951
IMD + Noise (A-weighted), %	0.00875	0.00896

Stereo crosstalk



	Left	Right
Crosstalk at 100 Hz, dB	-91	-94
Crosstalk at 1000 Hz, dB	-85	-94
Crosstalk at 10000 Hz, dB	-65	-77

IMD (swept tones)



	Left	Right
IMD + Noise at 5000 Hz,	0.03485	0.03436
IMD + Noise at 10000 Hz,	0.03940	0.03789
IMD + Noise at 15000 Hz,	0.05743	0.05531