Sequence Report

Summary

Signal Path1

Level and Gain	PASSED
THD+N	PASSED
Frequency Response	PASSED
Signal to Noise Ratio	PASSED
Continuous Sweep	PASSED
DIM	PASSED

Sequence Result:

Sequence Result:	PASSED

Signal Path1 : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	1
Source Impedance:	20 ohm
AG52 Generator Option:	Installed
Output EQ:	None
Input Connector:	Analog Unbalanced
Channels:	1
Channel:	Ch1
Termination:	100 kohm
Input Bandwidth:	AC (<10 Hz) - 90k (192 kHz SR)
Device Delay:	0,000 s
Input EQ:	None

• References

dBr G:	100,0 mVrms
dBm (Output Power):	600,0 ohm
W(watts) (Output Power):	8,000 ohm
Shared Frequency Reference:	1,00000 kHz
dBrA:	1,000 Vrms
dBrB:	1,000 Vrms
dBrA Offset:	0,000 dB
dBrB Offset:	0,000 dB
dBSPL1:	10,00 mVrms
dBSPL2:	10,00 mVrms
dBSPL1 Calibrator Level:	94,000 dBSPL
dBSPL2 Calibrator Level:	94,000 dBSPL
dBm (Input Power):	600,0 ohm
W(watts) (Input Power):	4,200 ohm

• DCX

DCX is not detected.

Signal Path1 : Level and Gain

Waveform:	Sine
Generator Level:	108,8 mVrms
DC Offset:	0,000 V
Frequency:	1,00000 kHz

RMS Level (2019.02.07. 14:15:11.601)

Ch1 2,058 Vrms

Gain (2019.02.07. 14:15:11.601)

Ch1 18,92 x/y

Signal Path1 : THD+N

Waveform:	Sine
Generator Level:	108,8 mVrms
DC Offset:	0,000 V
Frequency:	1,00000 kHz
Low-pass Filter:	20 kHz
Weighting Filter:	Signal Path
High-pass Filter:	20 Hz
Notch Tuning Mode:	Measured Frequency

THD+N Ratio (2019.02.07. 14:15:14.211)

Ch1 0,538446 %

THD Ratio (2019.02.07. 14:15:14.211)

Ch1 0,527812 %

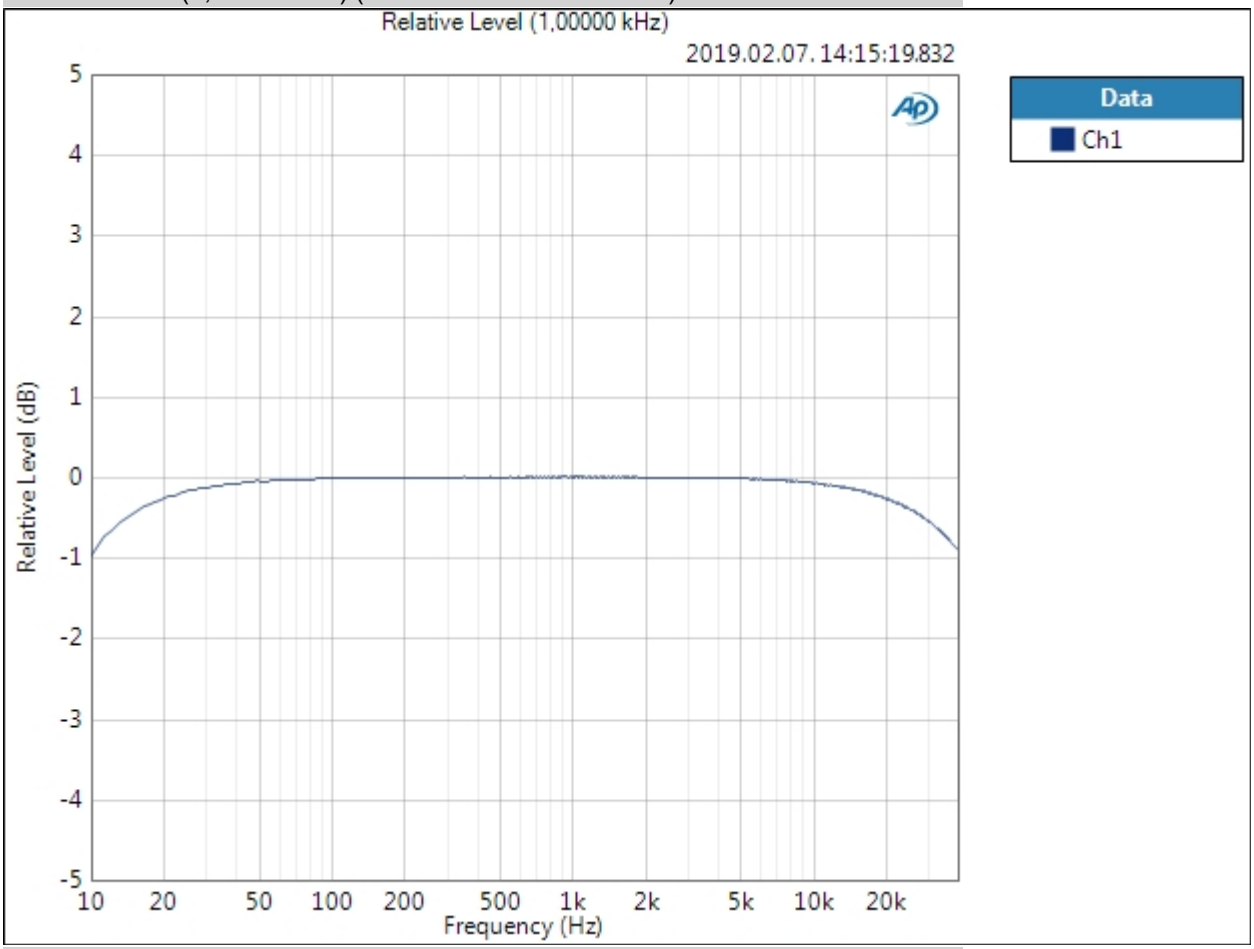
Noise Ratio (2019.02.07. 14:15:14.211)

Ch1 0,084479 %

Signal Path1 : Frequency Response

Generator Level:	108,8 mVrms
DC Offset:	0,000 V
EQ:	None
Start Frequency:	10,0000 Hz
Stop Frequency:	40,0000 kHz
Sweep:	2,000 s
Pre-Sweep:	100,0 ms
Extend Acquisition By:	50,00 ms
Secondary Source:	None
Measured 1	2019.02.07. 14:15:19

Relative Level (1,00000 kHz) (2019.02.07. 14:15:19.832)



Relative Level (1,00000 kHz) Parameters

Mode:	Normalized at Reference

Ref Frequency: 1,00000 kHz

Result: PASSED

Deviation (20,0000 Hz - 20,0000 kHz) (2019.02.07. 14:15:19.832)

Ch1 ±0,145 dB

Deviation (20,0000 Hz - 20,0000 kHz) Parameters

Min: 20,0000 Hz

Max: 20,0000 kHz

Signal Path1 : Signal to Noise Ratio

Waveform:	Sine
Generator Level:	108,8 mVrms
DC Offset:	0,000 V
Frequency:	1,00000 kHz
Low-pass Filter:	20 kHz
Weighting Filter:	Signal Path
High-pass Filter:	20 Hz

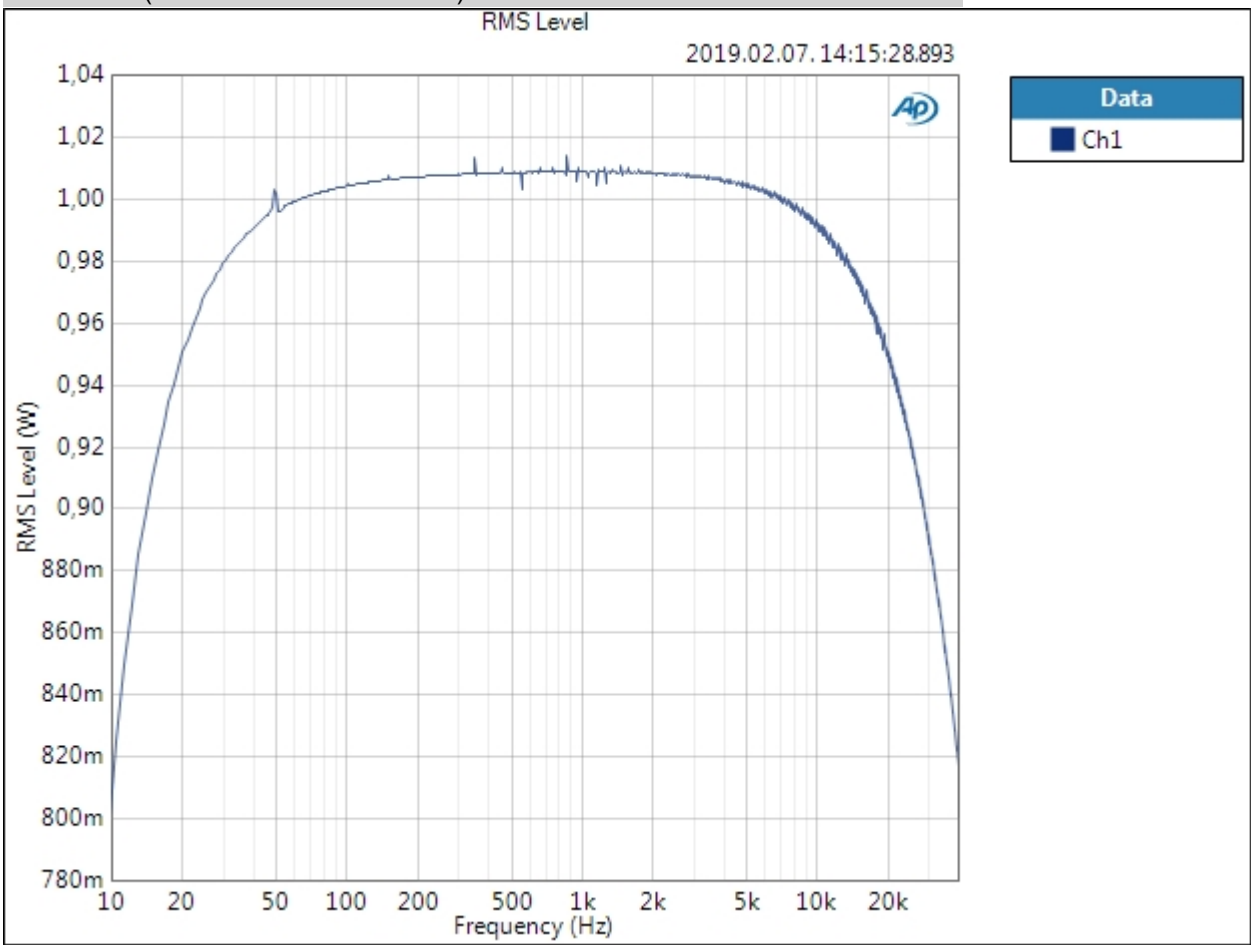
Signal to Noise Ratio (2019.02.07. 14:15:22.212)

Ch1 61,295 dB

Signal Path1 : Continuous Sweep

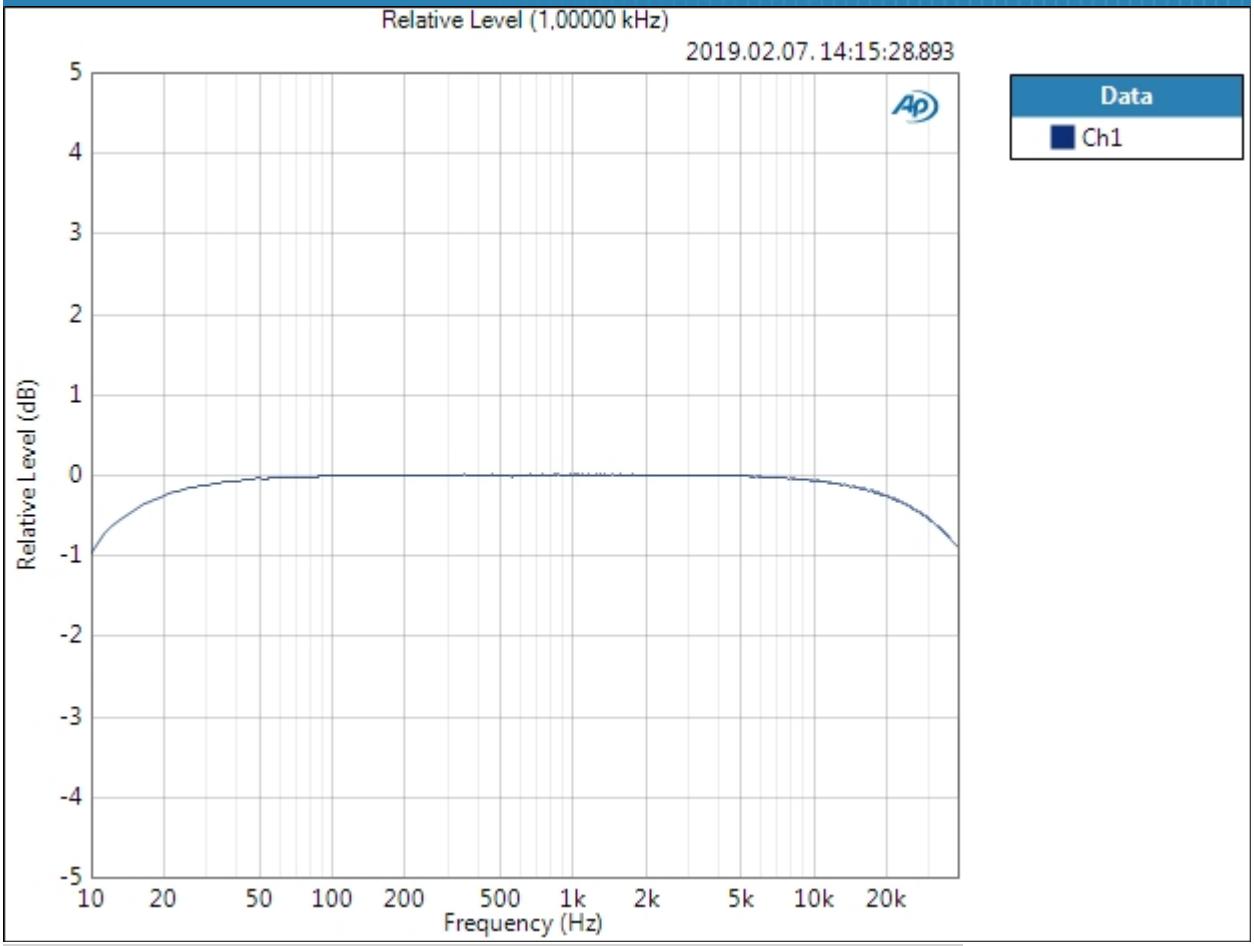
Generator Level:	108,8 mVrms
DC Offset:	0,000 V
EQ:	None
Start Frequency:	10,0000 Hz
Stop Frequency:	40,0000 kHz
Sweep:	2,000 s
Pre-Sweep:	100,0 ms
Extend Acquisition By:	50,00 ms
Secondary Source:	None
Measured 1	2019.02.07. 14:15:28

RMS Level (2019.02.07. 14:15:28.893)



Result: PASSED

Relative Level (1,00000 kHz) (2019.02.07. 14:15:28.893)



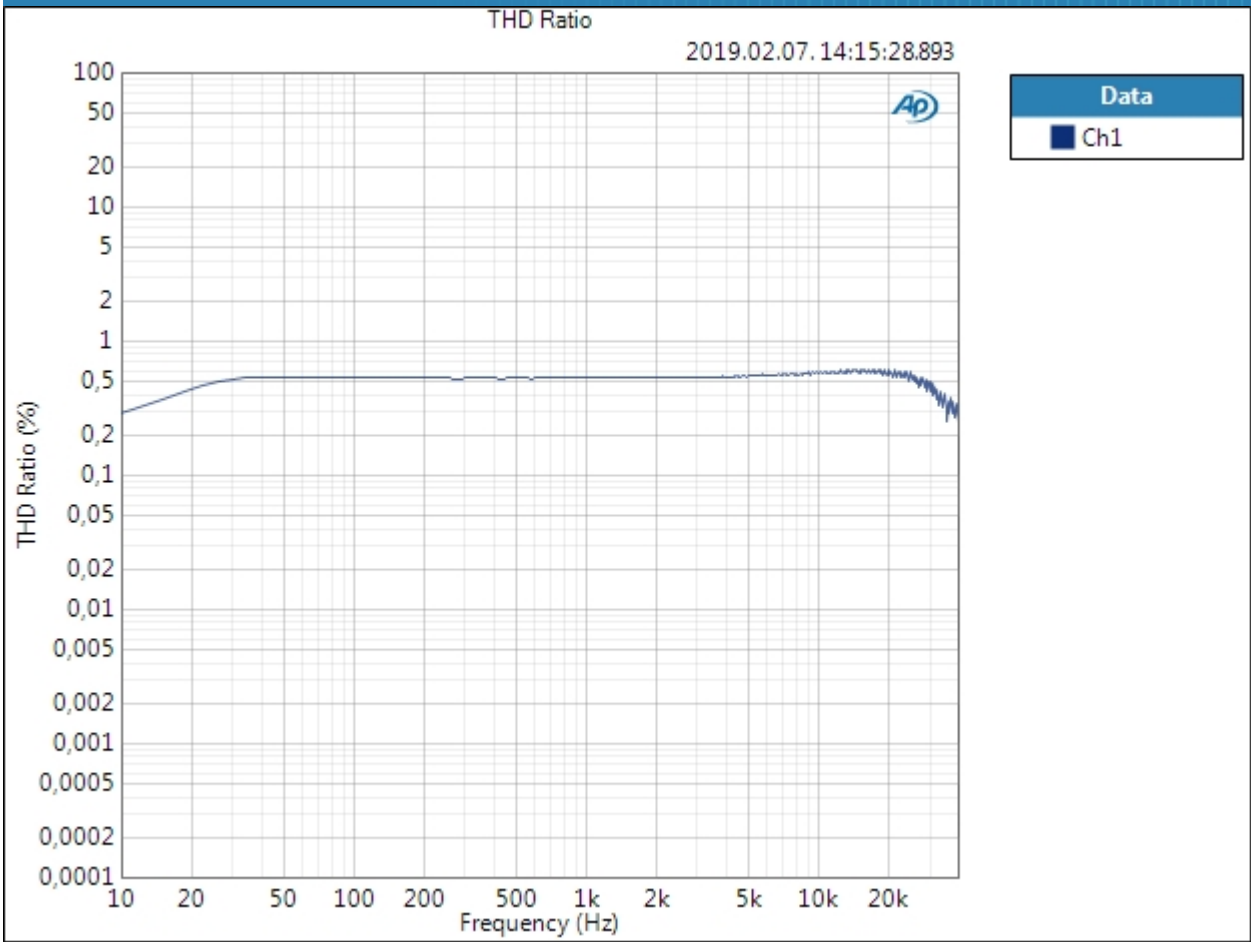
Relative Level (1,00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1,00000 kHz

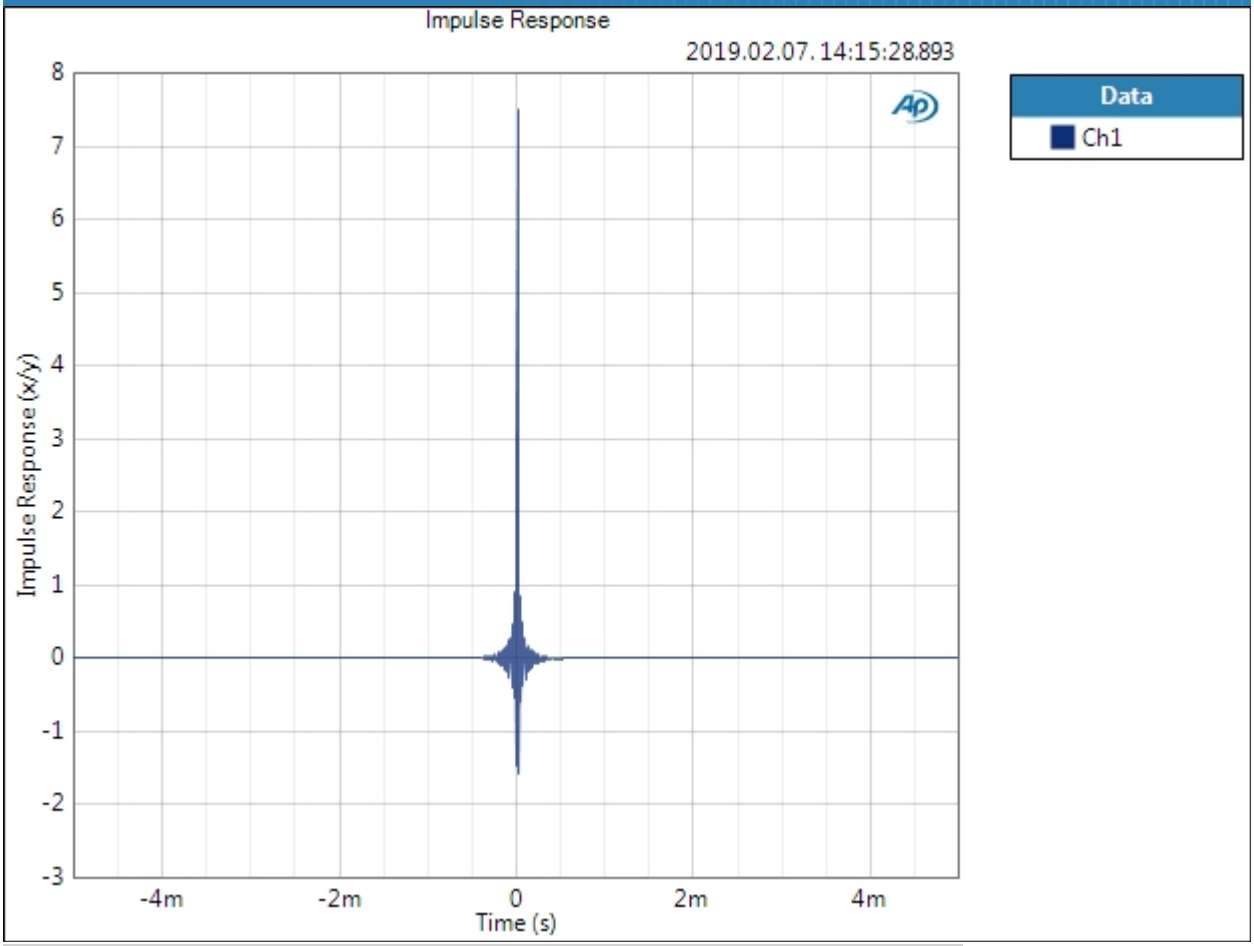
Result: PASSED

THD Ratio (2019.02.07. 14:15:28.893)



Result: PASSED

Impulse Response (2019.02.07. 14:15:28.893)



Impulse Response Parameters

Interpolated: On

Result: PASSED

Signal Path1 : DIM

Generator Level:	108,8 mVrms
Waveform:	DIM 30
Square Freq:	3,15000 kHz
Sine Freq:	15,0000 kHz
Mode:	U1...U9
Low-pass Filter:	30 kHz

DIM Ratio (2019.02.07. 14:15:30.734)

Ch1 1,139378 %

Distortion Product Ratio (2019.02.07. 14:15:30.734)

Channel	U5	U4	fq	U6	U3	U7	U2	U8	U1	U9	fs
	750,0	2,400k	3,150k	3,900k	5,550k	7,050k	8,700k	10,20k	11,85k	13,35k	15,00k
Ch1	-54,17	-62,85	14,33	-62,71	-49,32	-57,45	-62,92	-62,52	-39,61	-60,52	0,00

Distortion Product Ratio Parameters

Frequency Unit:	Hz
Ratio Unit:	dB