

## 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 dB SPL  
dBSPL2 Calibrator Level: 94,000 dB SPL  
dBm (Input Power): 600,0 ohm  
W(watts) (Input Power): 4,200 ohm

## • DCX

DCX is not detected.

## Sequence Report



### Signal Path1 : Level and Gain

Waveform: Sine  
Generator Level: 1,031 Vrms  
DC Offset: 0,000 V  
Frequency: 1,00000 kHz

### RMS Level (2019.02.07. 14:12:10.139)

Ch1 19,47 Vrms

### Gain (2019.02.07. 14:12:10.139)

Ch1 18,89 x/y

### Signal Path1 : THD+N

Waveform: Sine  
Generator Level: 1,031 Vrms  
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. 14:12:12.489)

Ch1 0,806802 %

### THD Ratio (2019.02.07. 14:12:12.489)

Ch1 0,774975 %

### Noise Ratio (2019.02.07. 14:12:12.489)

Ch1 0,186942 %

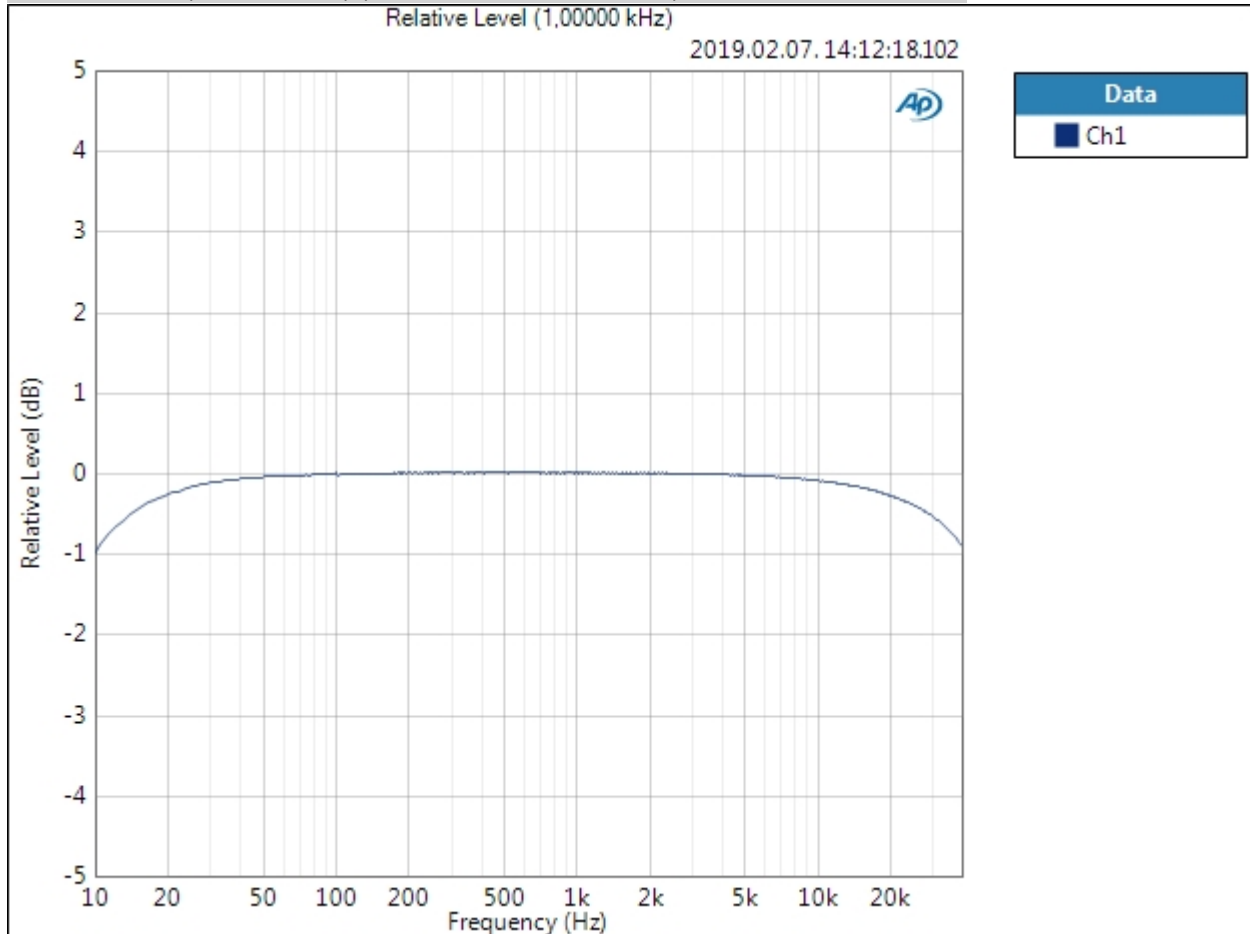
# Sequence Report



## Signal Path1 : Frequency Response

Generator Level: 1,031 Vrms  
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. 14:12:18

## Relative Level (1,00000 kHz) (2019.02.07. 14:12:18.102)



## Relative Level (1,00000 kHz) Parameters

Mode: Normalized at Reference

## Sequence Report



Ref Frequency: 1,00000 kHz

Result:  PASSED

Deviation (20,0000 Hz - 20,0000 kHz) (2019.02.07. 14:12:18.102)

Ch1  $\pm 0,149$  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: 1,031 Vrms

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. 14:12:20.522)

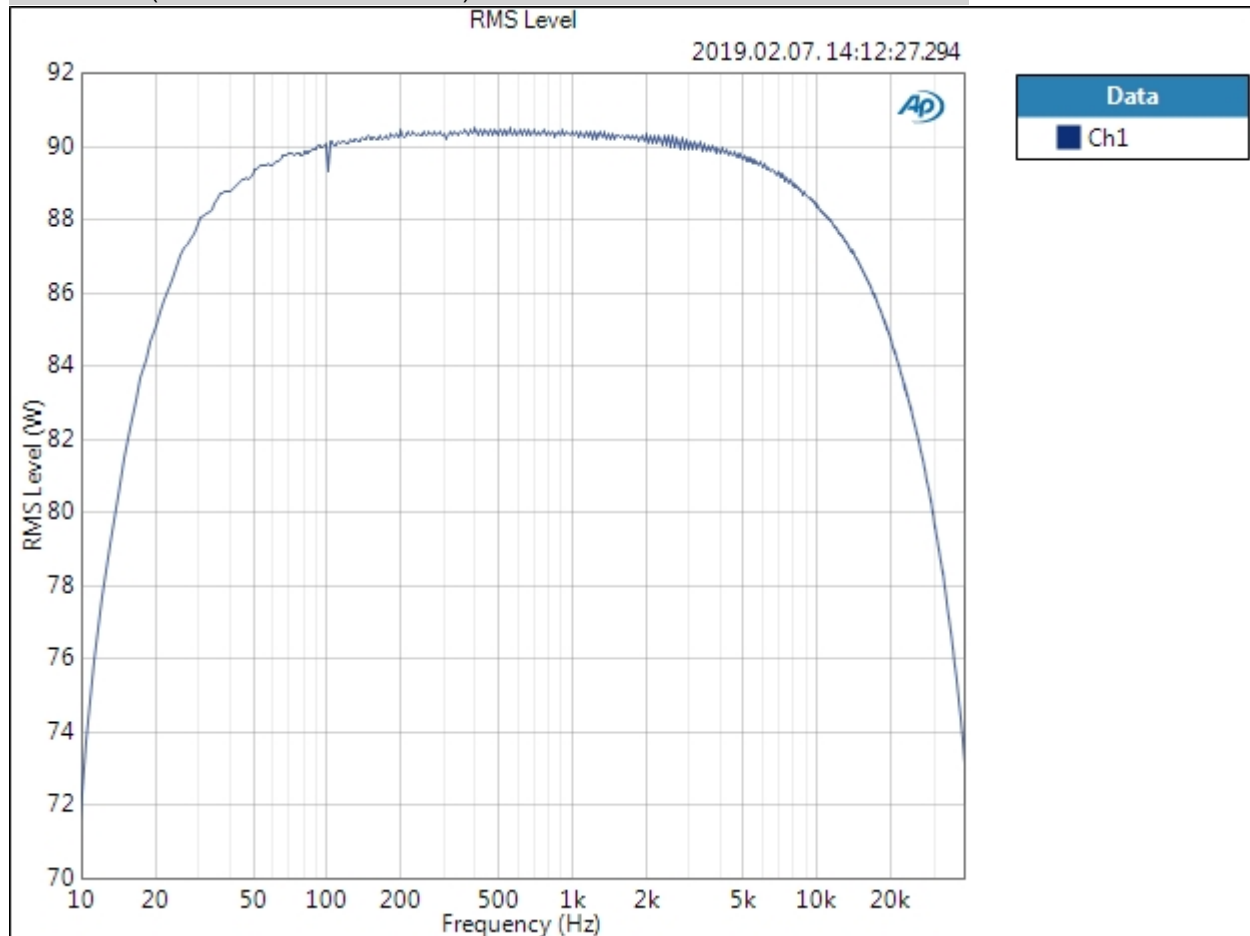
Ch1 80,754 dB

## Sequence Report

Signal Path1 : Continuous Sweep

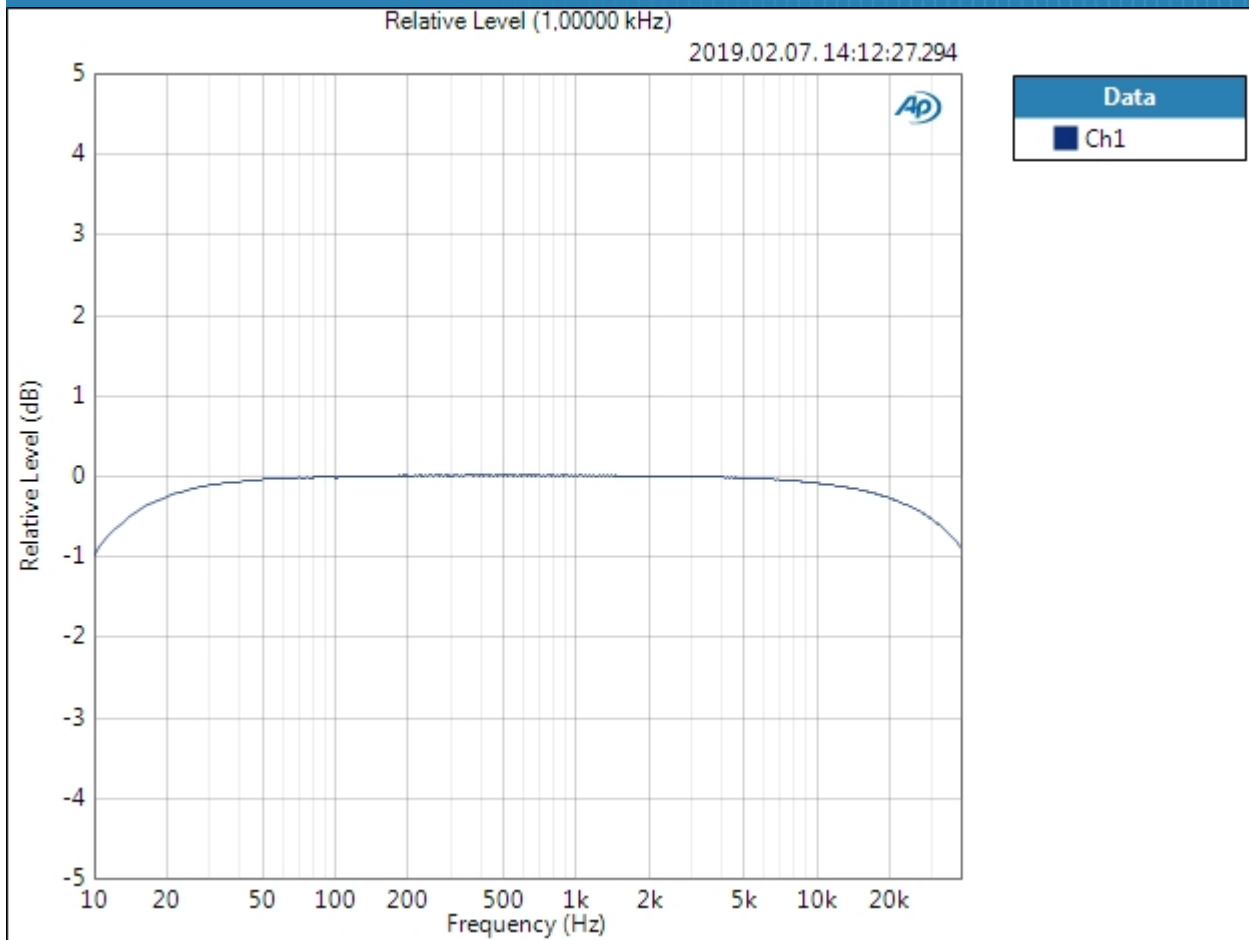
Generator Level: 1,031 Vrms  
DC Offset: 0,000 V  
EQ: None  
Start Frequency: 10,0000 Hz  
Stop Frequency: 40,0000 kHz  
Sweep: 2,000 s  
Pre-Sweep: 100,0 ms  
Extend Acquisition By: 50,00 ms  
Secondary Source: None  
Measured 1 2019.02.07. 14:12:27

RMS Level (2019.02.07. 14:12:27.294)



Result: PASSED

Relative Level (1,00000 kHz) (2019.02.07. 14:12:27.294)



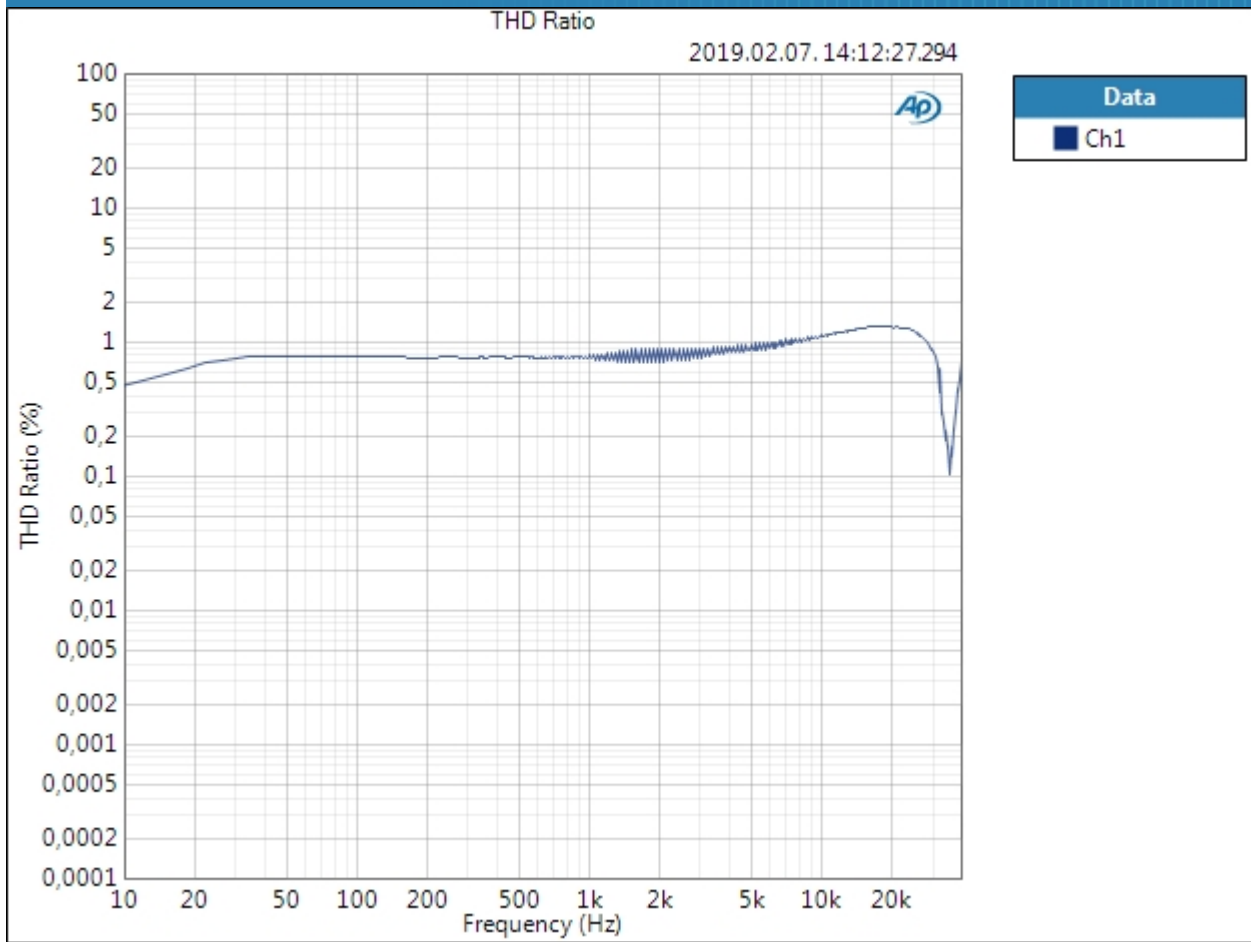
Relative Level (1,00000 kHz) Parameters

Mode: Normalized at Reference

Ref Frequency: 1,00000 kHz

Result: PASSED

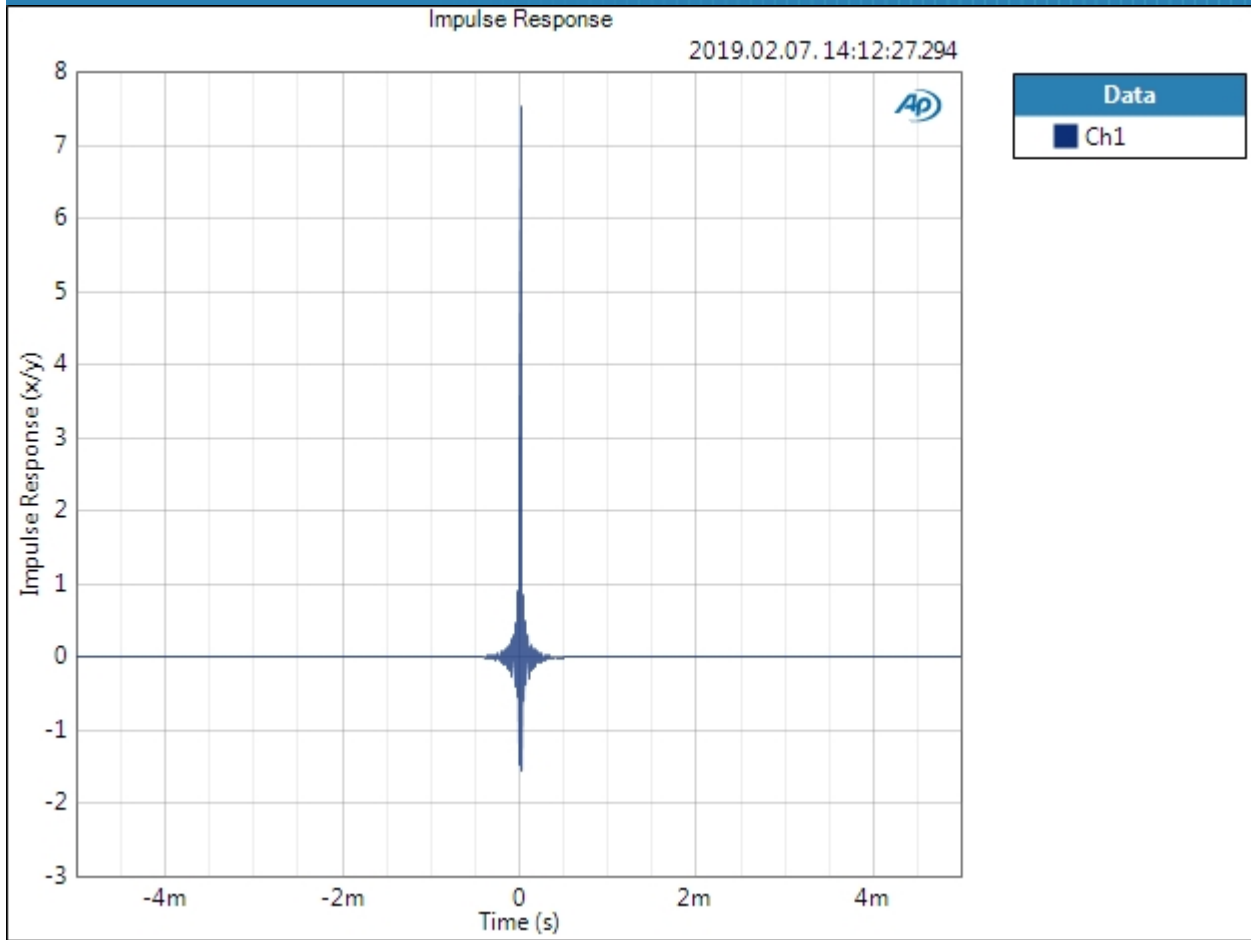
THD Ratio (2019.02.07. 14:12:27.294)



Result: ✔ PASSED

Impulse Response (2019.02.07.14:12:27.294)





Impulse Response Parameters

Interpolated: On

Result:  PASSED

## Sequence Report



Signal Path1 : DIM

Generator Level: 1,031 Vrms

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. 14:12:29.094)

Ch1 0,661454 %

Distortion Product Ratio (2019.02.07. 14:12:29.094)

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	-54,67	-56,43	14,22	-62,13	-56,36	-56,02	-54,17	-69,43	-45,60	-59,42	0,00

Distortion Product Ratio Parameters

Frequency Unit: Hz

Ratio Unit: dB