

## Sequence Report



### Pre-Sequence Inputs:

ID: DJD #1

### Summary

#### Signal Path1

Signal Path Setup	✓ PASSED
Stepped Level Sweep	✓ PASSED
THD+N	✓ PASSED
Frequency Response	✓ PASSED
Signal to Noise Ratio	✓ PASSED
Noise (RMS)	✓ PASSED

#### Sequence Result:

Sequence Result: ✓ PASSED

## Signal Path1 : Signal Path Setup

Output Connector:	Analog Balanced
Channels:	1
Generator Mode:	High Performance Sine Generator
Configuration:	Normal (Differential)
Source Impedance:	40 ohm
AG52 Generator Option:	Installed
Output EQ:	None
Input Connector:	Analog Balanced
Channels:	1
Channel:	Ch1
Termination:	200 kohm
High Performance Sine Analyzer:	Disabled
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
dB SPL1:	10,00 mVrms
dB SPL2:	10,00 mVrms
dB SPL1 Calibrator Level:	94,000 dB SPL
dB SPL2 Calibrator Level:	94,000 dB SPL
dBm (Input Power):	600,0 ohm
W(watts) (Input Power):	8,000 ohm
• DCX	
DCX is not detected.	
• Clocks	
Output Rate:	Track Output SR

## Sequence Report



Sync Out Level: 3,300 V  
Sync Out Polarity: Normal  
Timebase Reference: Internal  
Jitter: Disabled  
• Triggers  
Source: Off  
Input Logic Level: 3,300 V  
Edge: Rising

### Signal Path1 : Verify Connections

Waveform: Sine  
Generator Mode: High Performance Sine Generator  
Generator Level: 20,00 mVrms  
Frequency: 1,00000 kHz

### Gain (03.11.2019 18:06:47.383)

Channel	Lower Limit	Value	Upper Limit	
Ch1	6,000 dB	44,379 dB	45,000 dB	✓

Result: ✓ PASSED

### THD+N Ratio (03.11.2019 18:06:47.383)

Channel	Lower Limit	Value	Upper Limit	
Ch1	---- %	0,049152 %	0,500000 %	✓

Result: ✓ PASSED

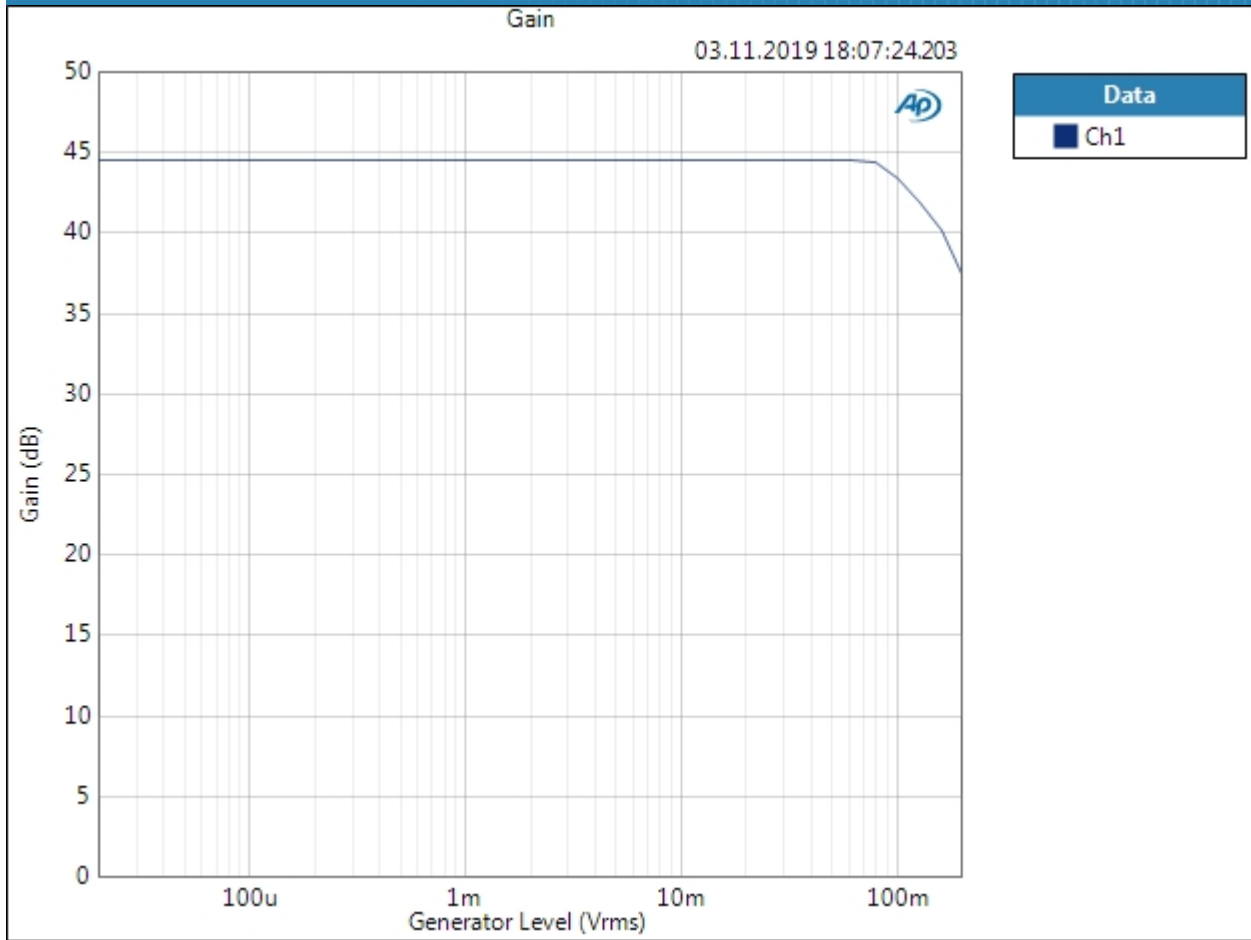
## Sequence Report



Signal Path1 : Stepped Level Sweep

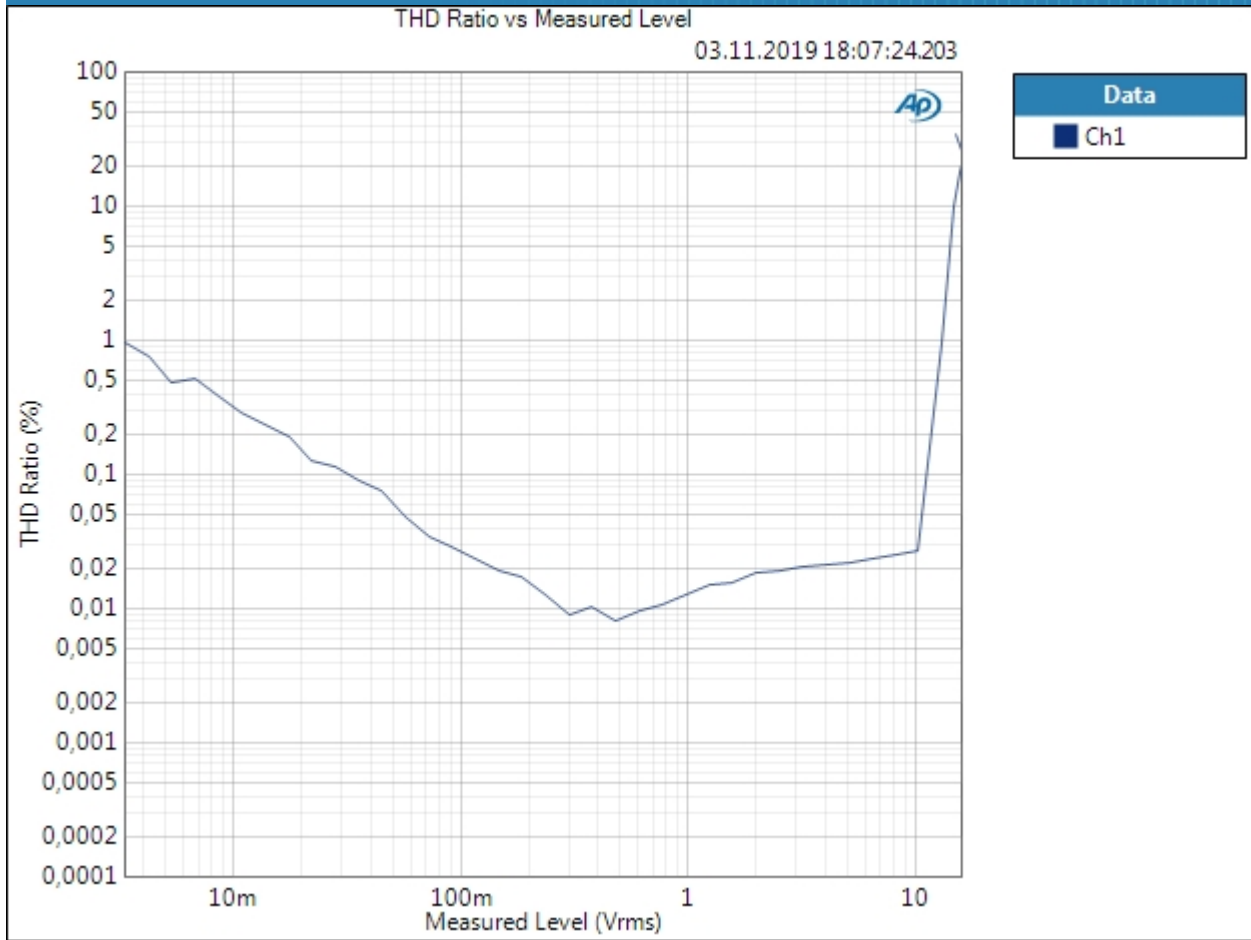
Waveform: Sine  
Generator Mode: High Performance Sine Generator  
Generator Level: 100,0 mVrms  
Frequency: 1,00000 kHz  
Start Level: 20,00 uVrms  
Stop Level: 200,0 mVrms  
Step Type: Logarithmic  
Number of Points: 40  
Low-pass Filter: 20 kHz  
Weighting Filter: Signal Path  
High-pass Filter: 20 Hz  
Notch Tuning Mode: Generator Frequency  
Measured 1 03.11.2019 18:07:24

Gain (03.11.2019 18:07:24.203)



Result: PASSED

THD Ratio vs Measured Level (03.11.2019 18:07:24.203)



Result: PASSED

## Sequence Report



Signal Path1 : THD+N

Waveform: Sine  
Generator Mode: High Performance Sine Generator  
Generator Level: 20,00 mVrms  
Frequency: 1,00000 kHz  
Low-pass Filter: 20 kHz  
Weighting Filter: Signal Path  
High-pass Filter: 20 Hz  
Notch Tuning Mode: Generator Frequency

THD+N Ratio (03.11.2019 18:07:27.123)

Ch1 0,021949 %

THD Ratio (03.11.2019 18:07:27.123)

Ch1 0,021382 %

Noise Ratio (03.11.2019 18:07:27.123)

Ch1 0,004661 %

Noise Level (03.11.2019 18:07:27.123)

Ch1 154,3 uVrms

Distortion Product Ratio (03.11.2019 18:07:27.123)

Channel	F	H2	H3	H4	H5	H6	H7	H8	H9	H10
	1,000k	2,000k	3,000k	4,000k	5,001k	6,001k	7,001k	8,001k	9,001k	10,00k
Ch1	-0,00	-74,12	-82,66	-88,54	-112,76	-99,88	-109,27	-110,24	-111,55	-125,07

Distortion Product Ratio Parameters

Frequency Unit: Hz

Ratio Unit: dB

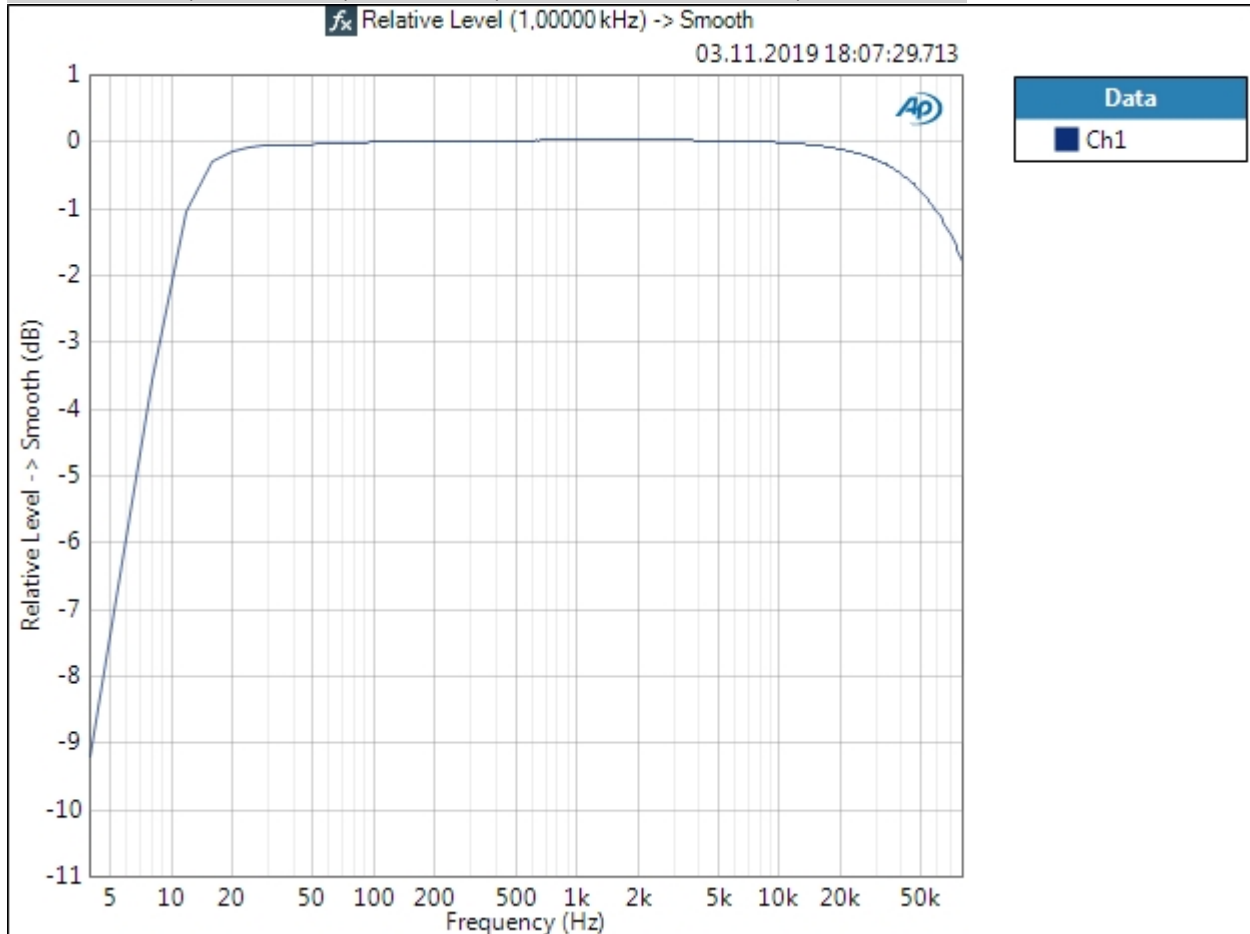
# Sequence Report



## Signal Path1 : Frequency Response

Start Frequency: 1,00000 Hz  
Stop Frequency: 80,1000 kHz  
Generator Level: 20,00 mVrms  
DC Offset: 0,000 V  
EQ: None  
Pre-Sweep: 100,0 ms  
Sweep: 350,0 ms  
Extend Acquisition By: 50,00 ms  
Secondary Source: None  
Measured 1 03.11.2019 18:07:29

## Relative Level (1,00000 kHz) -> Smooth (03.11.2019 18:07:29.713)



## Relative Level (1,00000 kHz) -> Smooth Parameters

Smoothing: 1/12 octave



## Sequence Report

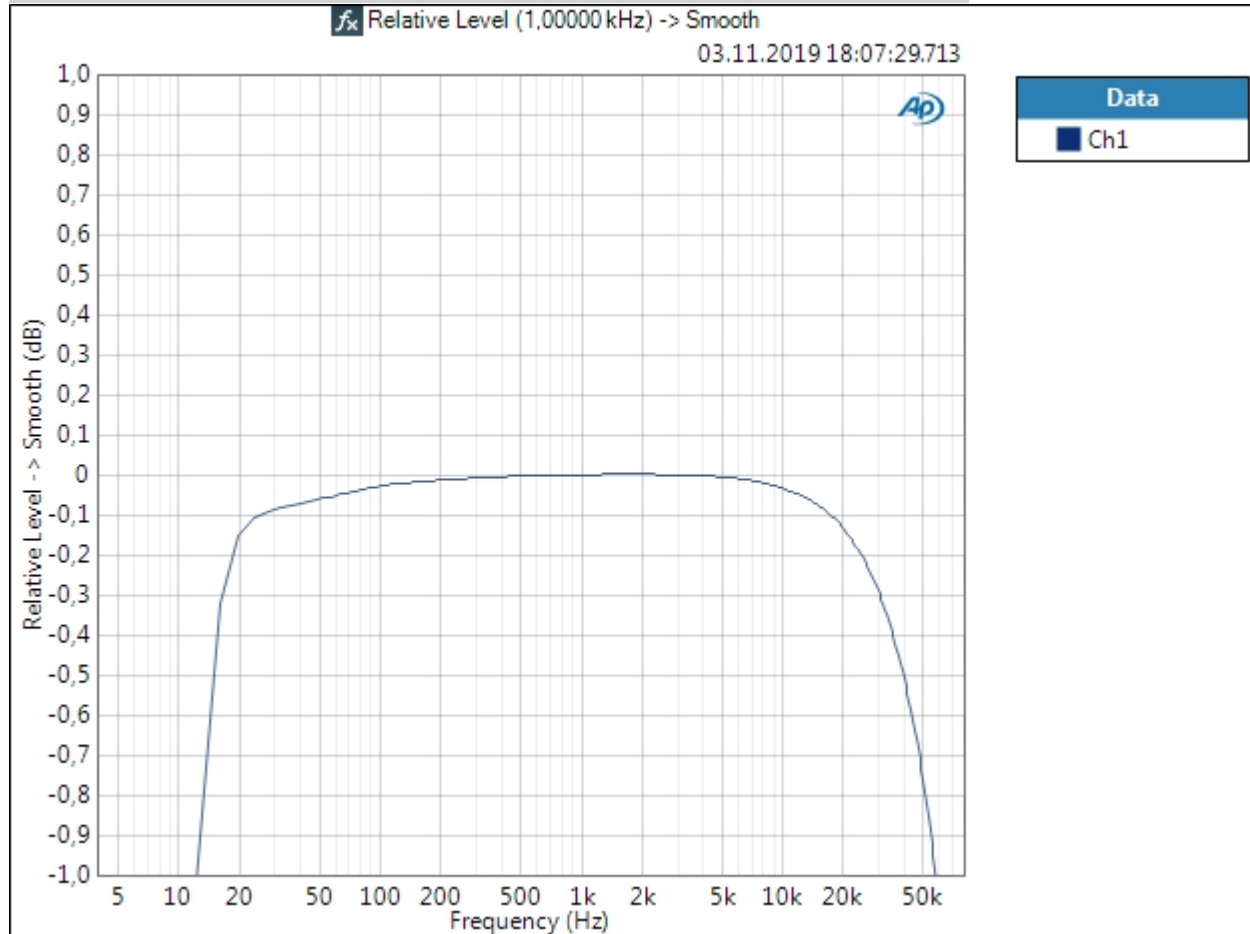
Source: Relative Level (1,00000 kHz)

Mode: Normalized at Reference

Ref Frequency: 1,00000 kHz

Result: ✔ PASSED

Relative Level (1,00000 kHz) -> Smooth (03.11.2019 18:07:29.713)



Relative Level (1,00000 kHz) -> Smooth Parameters

Smoothing: 1/12 octave

Source: Relative Level (1,00000 kHz)

Mode: Normalized at Reference

Ref Frequency: 1,00000 kHz

Result: ✔ PASSED

## Sequence Report



### Signal Path1 : Signal to Noise Ratio

Waveform: Sine  
Generator Mode: High Performance Sine Generator  
Generator Level: 20,00 mVrms  
Frequency: 1,00000 kHz  
Low-pass Filter: 20 kHz  
Weighting Filter: Signal Path  
High-pass Filter: 20 Hz

### Signal to Noise Ratio (03.11.2019 18:07:33.603)

Ch1 86,797 dB

### Signal Path1 : Noise (RMS)

Waveform: None  
Low-pass Filter: 20 kHz  
Weighting Filter: Signal Path  
High-pass Filter: 20 Hz  
Acquisition Time: 250,0 ms  
Delay Time: 300,0 ms

### Noise Level (03.11.2019 18:07:34.693)

Ch1 154,2 uVrms