Sequence Report

Pre-Sequence Inputs:

ID: FOSTEC MOD 2

Summary

Acoustic Output Calibration (94 dBSPL)	
Acoustic Output Calibration (94 dBSPL)	PASSED
Free Field Response	
Free Field Acoustic Response	PASSED
Diffuse Field Response	
Diffuse Field Acoustic Response	PASSED
Impedance	
Left Impedance	PASSED
Right Impedance	PASSED

Sequence Result:

Sequence Result: PASSED

Analyzer Input dBSPL Calibration : dBSPL Calibration

Output Connector:	None (External)
Input Connector:	Transducer Interface (Acoustic)
Channels:	2
Termination:	200 kohm
Mic Output Pass Thru 1:	Mic 1 Unbalanced
Mic Output Pass Thru 2:	Mic 2 Unbalanced
Current Sense:	Amplifier Output 1
Phantom Power:	Off
CCP Power:	On
Input Bandwidth:	AC (<10 Hz) - 90k (192 kHz SR)
Device Delay:	0.000 s
Input Switchers:	SwitcherIn
Switcher Address (0):	ChA = Port 1, ChB = Port 2
Switcher Address (1):	ChA = Port 1, ChB = Port 2
Input EQ:	None

• References

Shared Frequency Reference:	1.00000 kHz
Sensitivity (Ch1):	8.432 mV/Pa
Serial Num (Ch1):	
Sensitivity (Ch2):	10.41 mV/Pa
SerialNum (Ch2):	

• DCX

DCX is not detected.

Fitting : Adjust Headphone Fitting

Output Connector:	Transducer Interface
Channels:	2
Parasitic Resistance:	30.00 mohm
Amplifier 1:	On
Amplifier 2:	On
Gain Correction:	20.000 dB
Output EQ:	None
Input Connector:	Transducer Interface
Channels:	2
Termination:	200 kohm
Mic Output Pass Thru 1:	Mic 1 Unbalanced
Mic Output Pass Thru 2:	Mic 2 Unbalanced
Current Sense:	Amplifier Output 1
Phantom Power:	Off
CCP Power:	On
Input Bandwidth:	DC - 22.4k (48 kHz SR)
Device Delay:	0.000 s
Input Switchers:	SwitcherIn
Switcher Address (0):	ChA = Port 1, ChB = Port 2
Switcher Address (1):	ChA = Port 1, ChB = Port 2
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): 8.000 ohm

• DCX

DCX is not detected.

Acoustic Output Calibration (94 dBSPL) : Signal Path Setup

Output Connector:	Transducer Interface
Channels:	2
Parasitic Resistance:	30.00 mohm
Amplifier 1:	On
Amplifier 2:	On
Gain Correction:	20.000 dB
Output EQ:	None
Input Connector:	Transducer Interface (Acoustic)
Channels:	2
Termination:	200 kohm
Mic Output Pass Thru 1:	Mic 1 Unbalanced
Mic Output Pass Thru 2:	Mic 2 Unbalanced
Current Sense:	Amplifier Output 1
Phantom Power:	Off
CCP Power:	On
Input Bandwidth:	AC (<10 Hz) - 22.4k (48 kHz SR)
Device Delay:	0.000 s
Input Switchers:	SwitcherIn
Switcher Address (0):	ChA = Port 1, ChB = Port 2
Switcher Address (1):	ChA = Port 1, ChB = Port 2
Input EQ:	None
• References	
dBr G:	106.2 mVrms
dBm (Output Power):	600.0 ohm
W(watts) (Output Power):	8.000 ohm
Shared Frequency Reference:	1.00000 kHz
Sensitivity (Ch1):	8.432 mV/Pa
Serial Num (Ch1):	
Sensitivity (Ch2):	10.41 mV/Pa
SerialNum (Ch2):	
• DCX	

DCX is not detected.

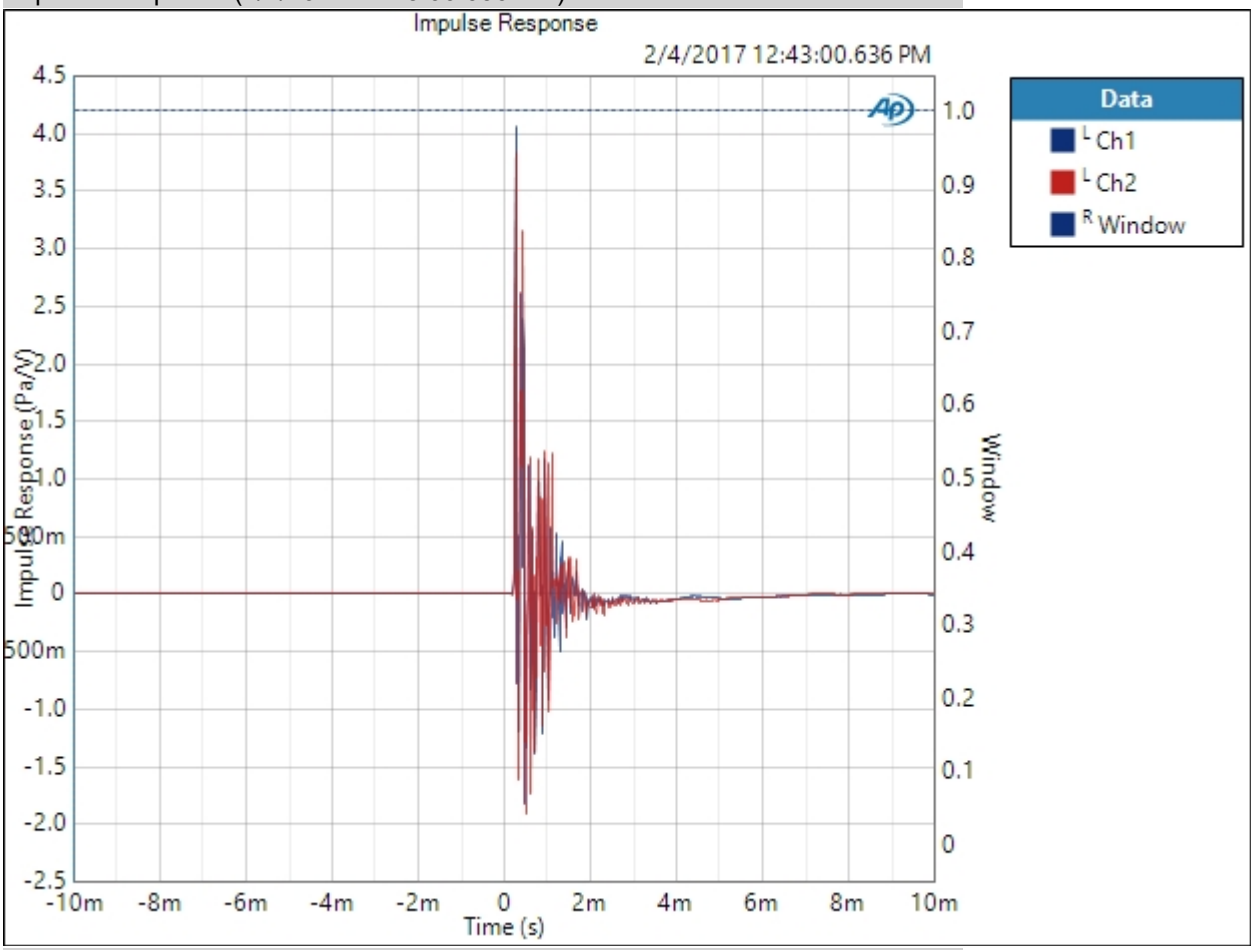
Acoustic Output Calibration (94 dBSPL) : Acoustic Output Calibration (94 dBSPL)

Waveform:	Sine
Generator Level:	106.2 mVrms
DC Offset:	0.000 V
Frequency:	500.000 Hz

Free Field Response : Free Field Acoustic Response

Generator Level:	0.000 dBrG (@114.5 mVrms)
DC Offset:	0.000 V
EQ:	None
Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Sweep:	2.000 s
Pre-Sweep:	0.000 s
Extend Acquisition By:	50.00 ms
Averages:	1
Secondary Source:	None
Measured 1	2/4/2017 12:43:00 PM

Impulse Response (2/4/2017 12:43:00.636 PM)

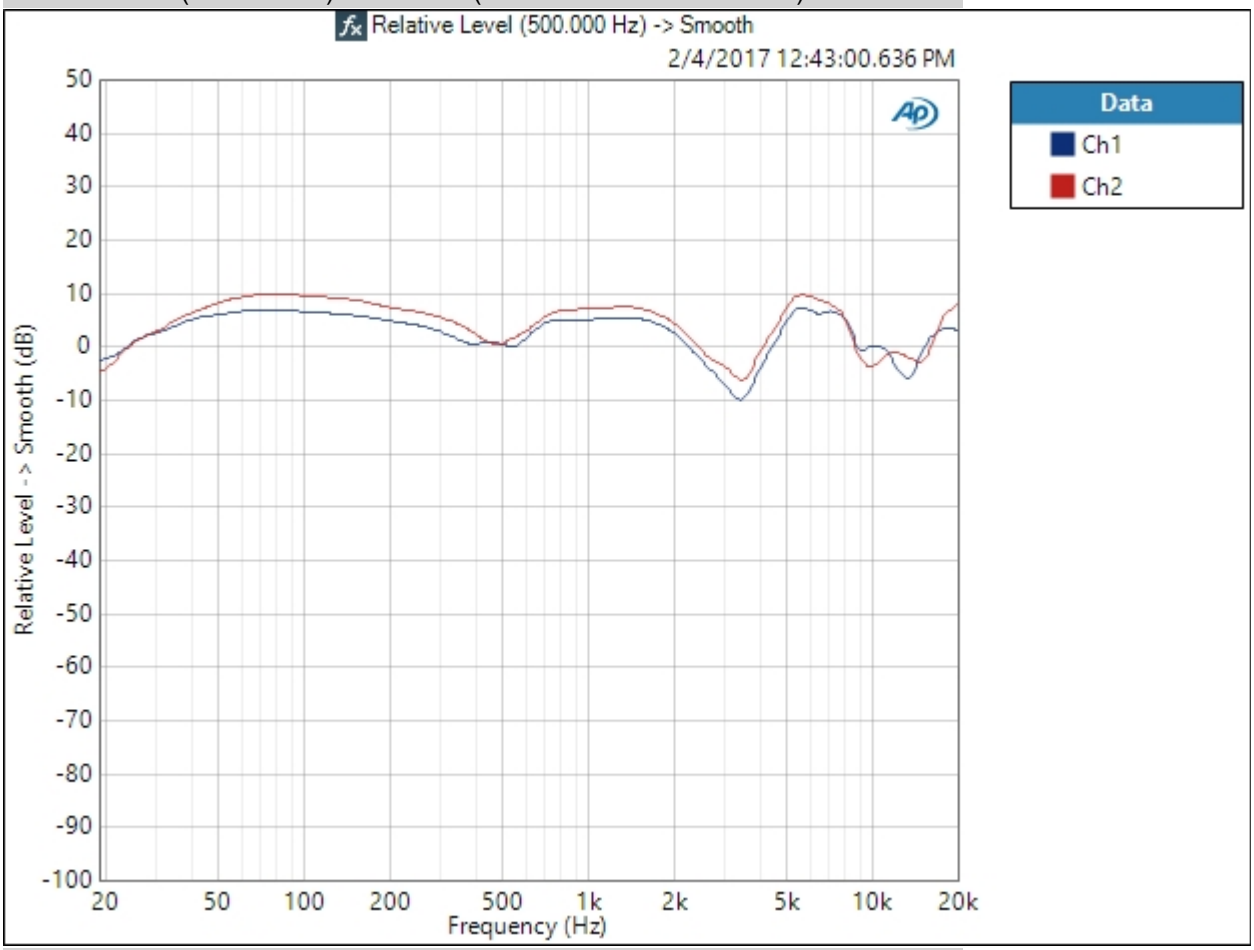


Impulse Response Parameters

Window End: 100.0 ms
Taper Type: AP-Equiripple
Time Window: Track Peak
Taper Start: 10.000 %
Taper End: 10.000 %

Result: PASSED

Relative Level (500.000 Hz) -> Smooth (2/4/2017 12:43:00.636 PM)

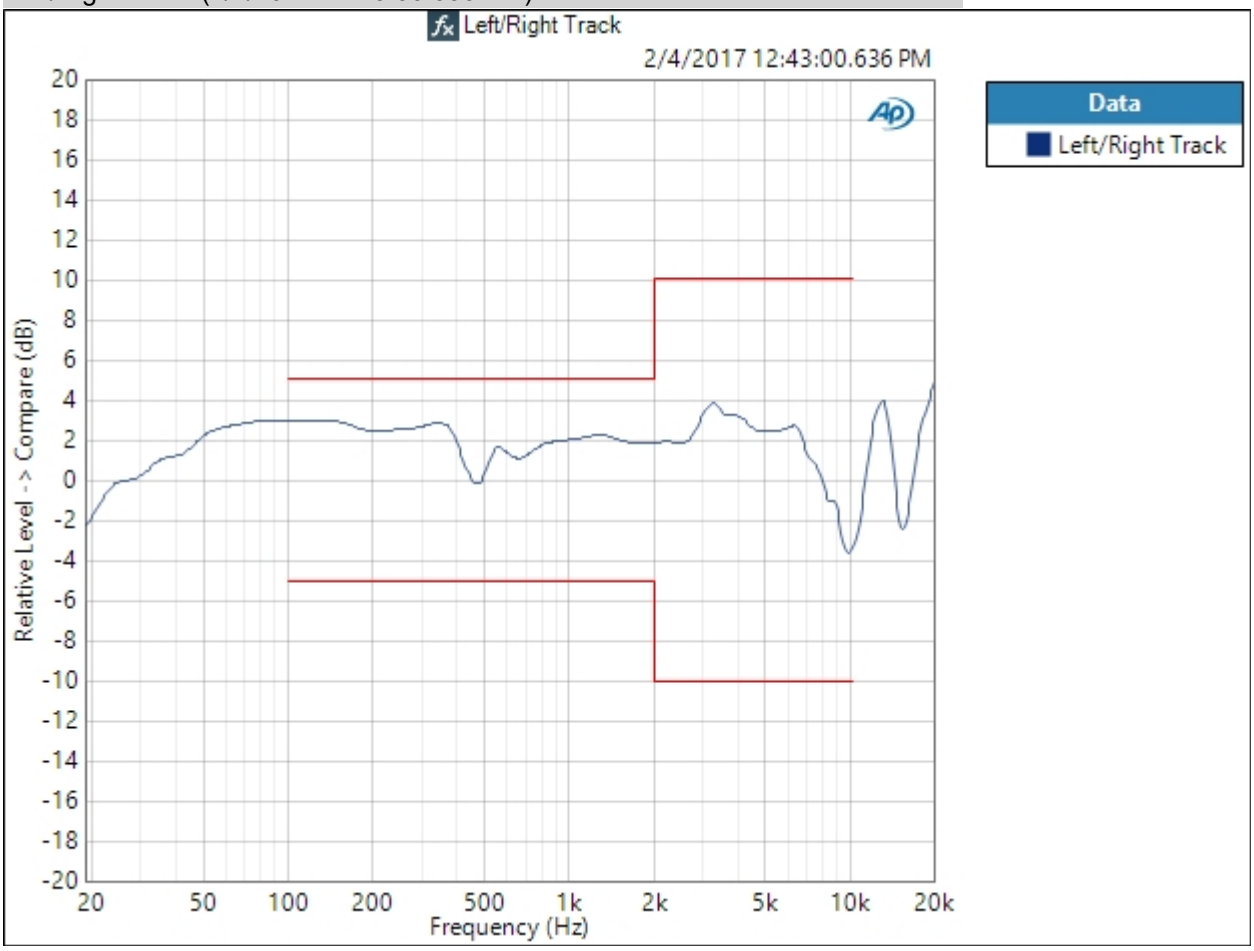


Relative Level (500.000 Hz) -> Smooth Parameters

Smoothing: 1/3 octave
Source: Relative Level (500.000 Hz)
Mode: Normalized at Reference
Ref Frequency: 500.000 Hz

Result: PASSED

Left/Right Track (2/4/2017 12:43:00.636 PM)



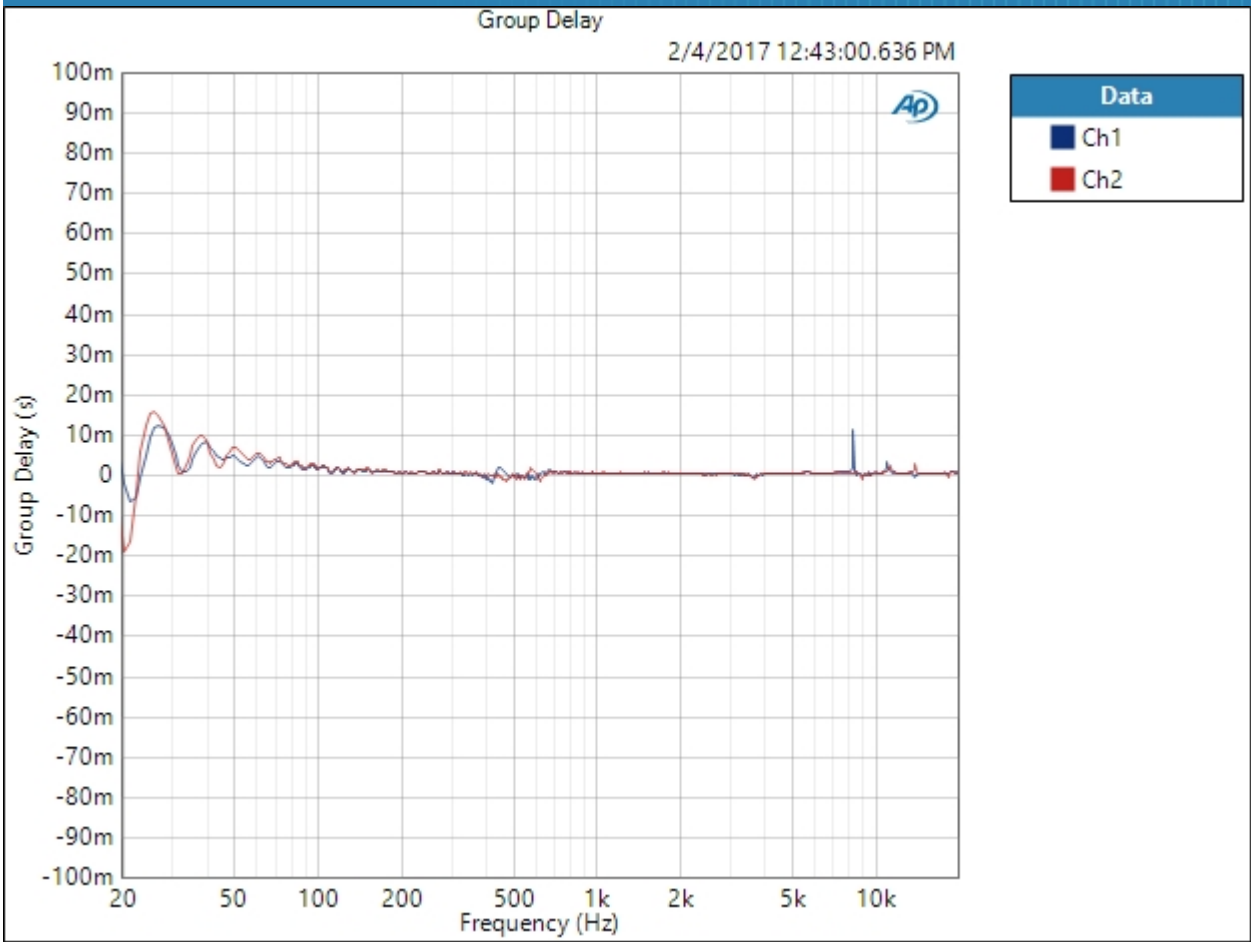
Left/Right Track PASSED

Left/Right Track Parameters

Source:	Relative Level (500.000 Hz) -> Smooth
Smoothing:	1/3 octave
Source:	Relative Level (500.000 Hz)
Mode:	Normalized at Reference
Ref Frequency:	500.000 Hz
Left/Right Track	[Ch1], [Most Recent Data Set], [Ch2], [Most Recent Data Set]

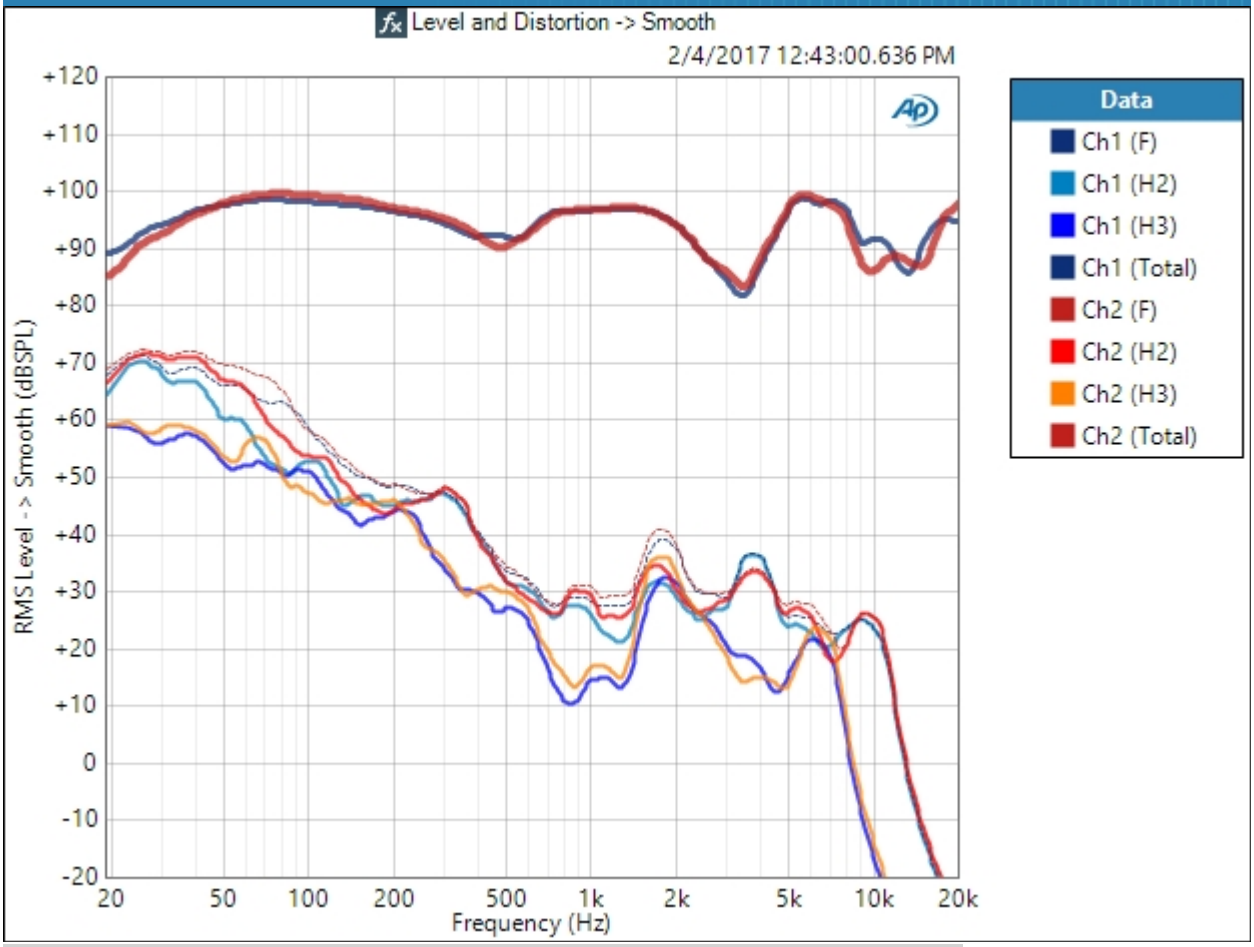
Result: PASSED

Group Delay (2/4/2017 12:43:00.636 PM)



Result: PASSED

Level and Distortion -> Smooth (2/4/2017 12:43:00.636 PM)



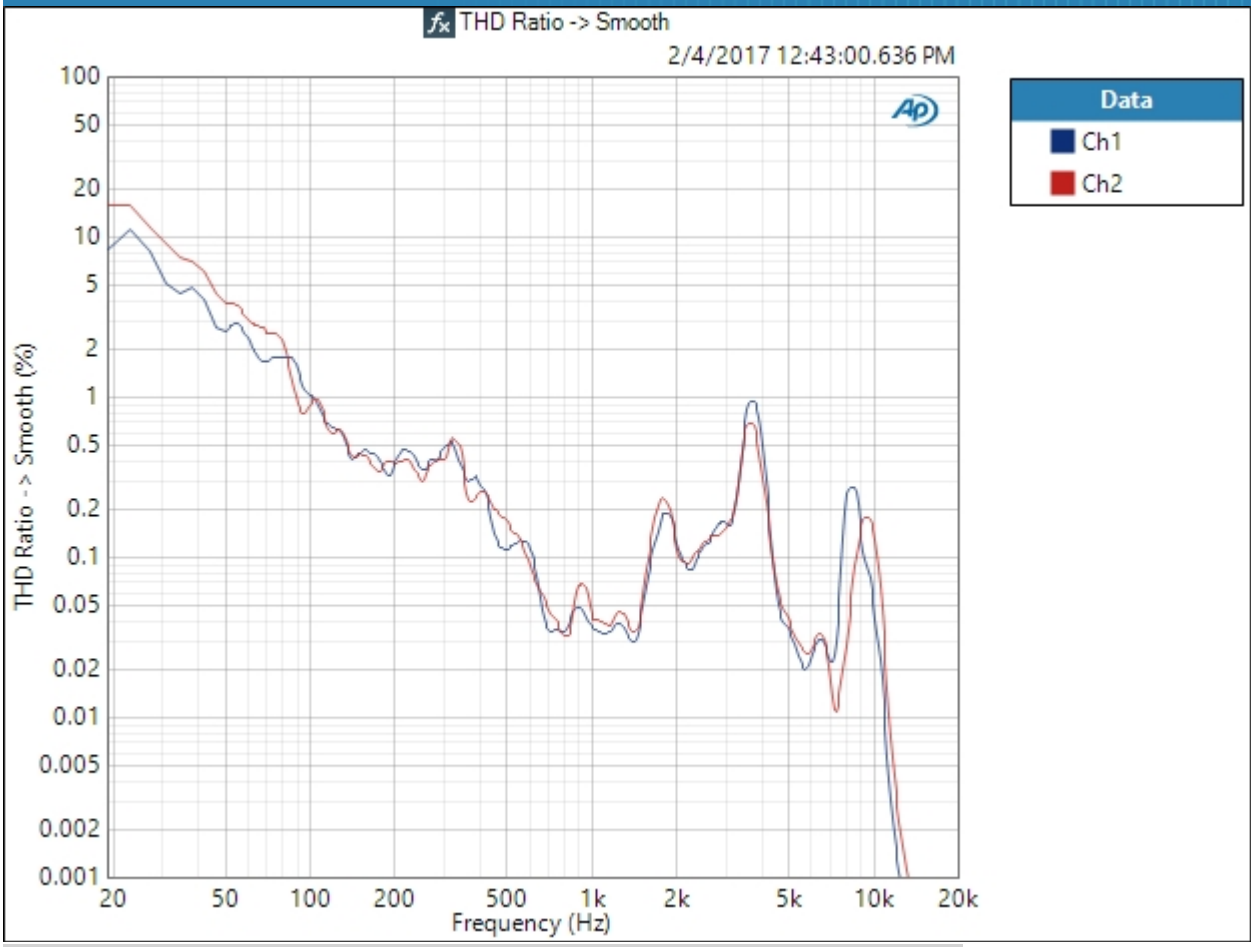
Level and Distortion -> Smooth Parameters

Smoothing: 1/3 octave

Source: Level and Distortion

Result: PASSED

THD Ratio -> Smooth (2/4/2017 12:43:00.636 PM)



THD Ratio -> Smooth Parameters

Smoothing: 1/6 octave

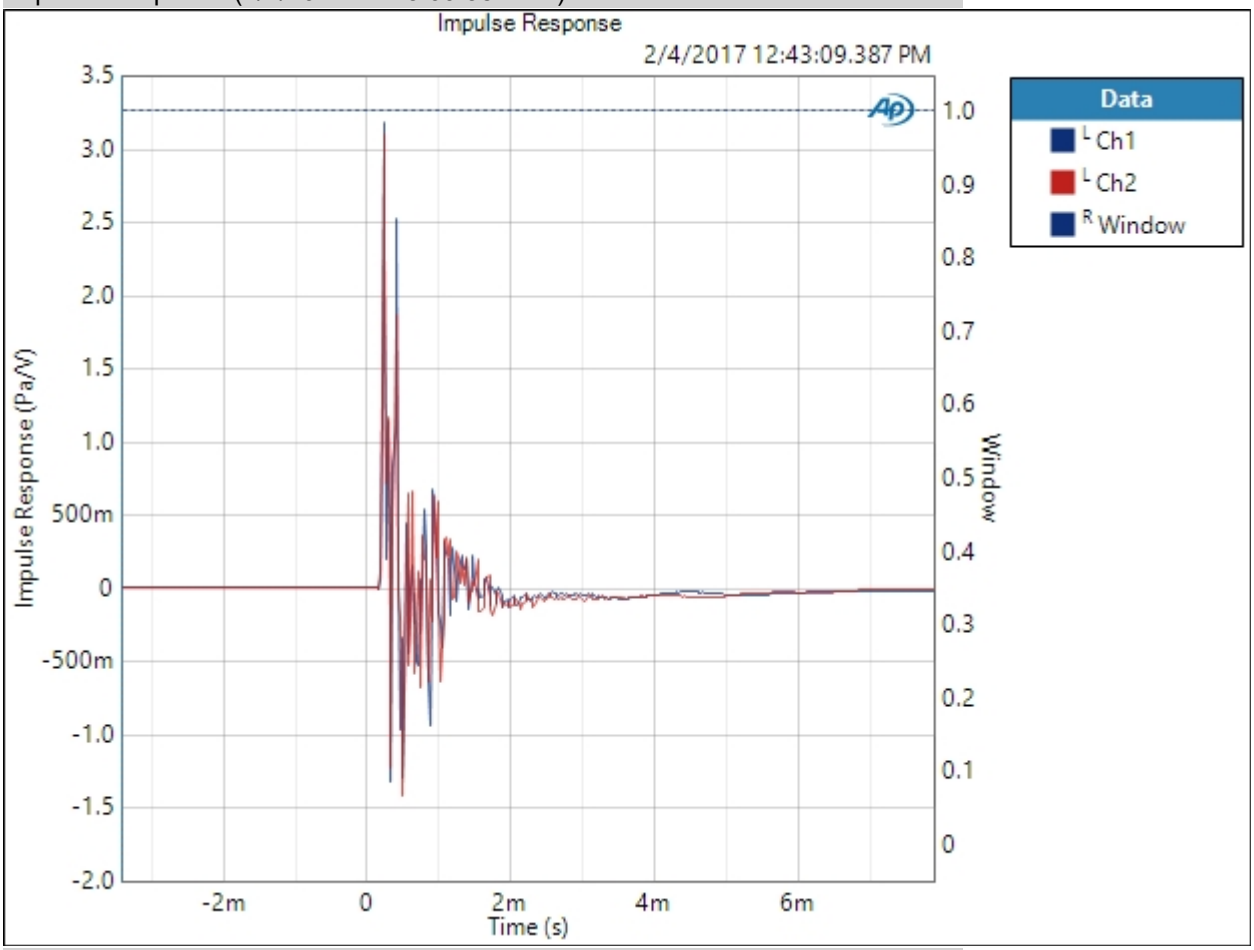
Source: THD Ratio

Result: PASSED

Diffuse Field Response : Diffuse Field Acoustic Response

Generator Level:	100.0 mVrms
DC Offset:	0.000 V
EQ:	None
Start Frequency:	20.0000 Hz
Stop Frequency:	20.0000 kHz
Sweep:	2.000 s
Pre-Sweep:	0.000 s
Extend Acquisition By:	50.00 ms
Averages:	2
Secondary Source:	None
Measured 1	2/4/2017 12:43:09 PM

Impulse Response (2/4/2017 12:43:09.387 PM)

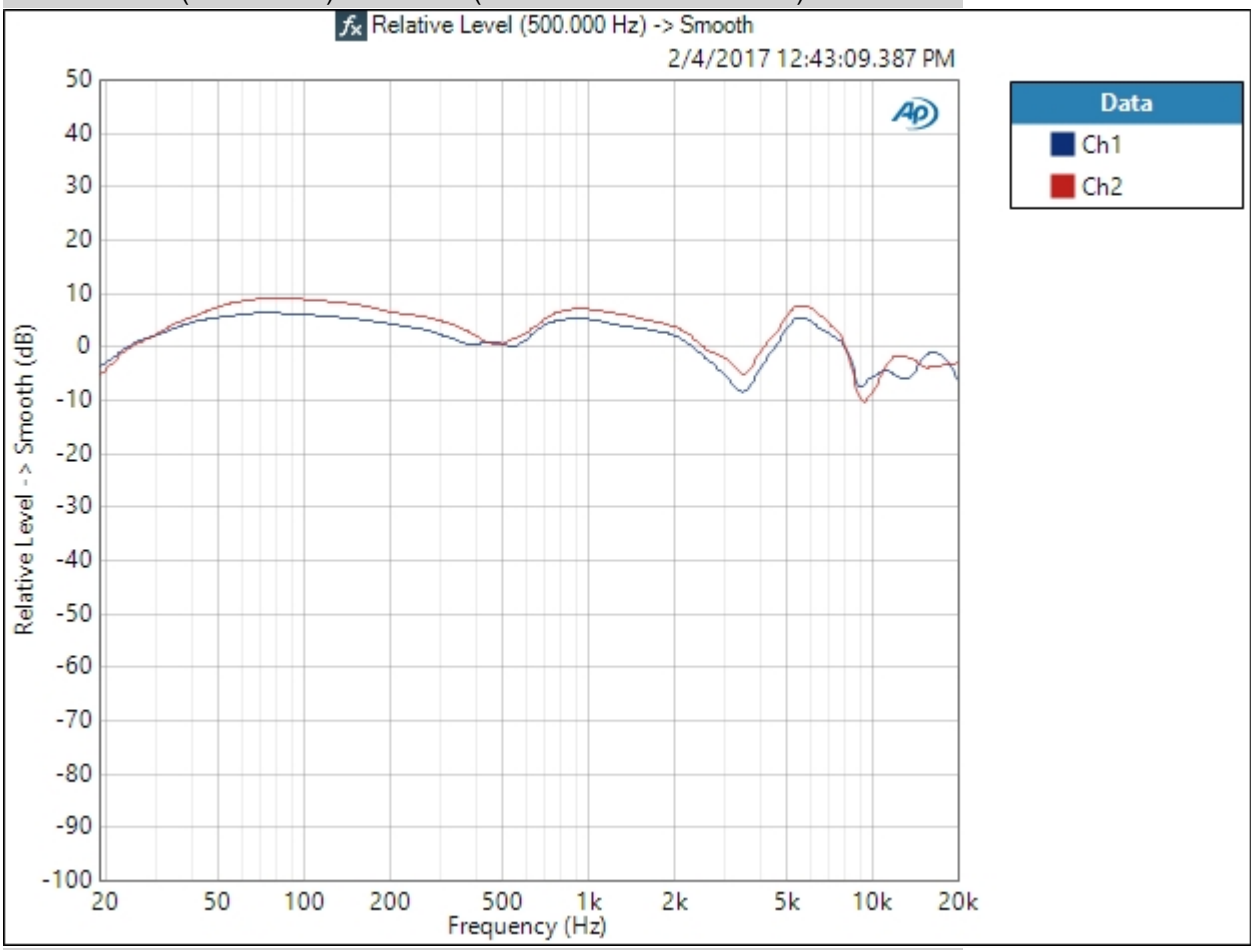


Impulse Response Parameters

Window End: 100.0 ms
Taper Type: AP-Equiripple
Time Window: Track Peak
Taper Start: 10.000 %
Taper End: 10.000 %

Result: PASSED

Relative Level (500.000 Hz) -> Smooth (2/4/2017 12:43:09.387 PM)

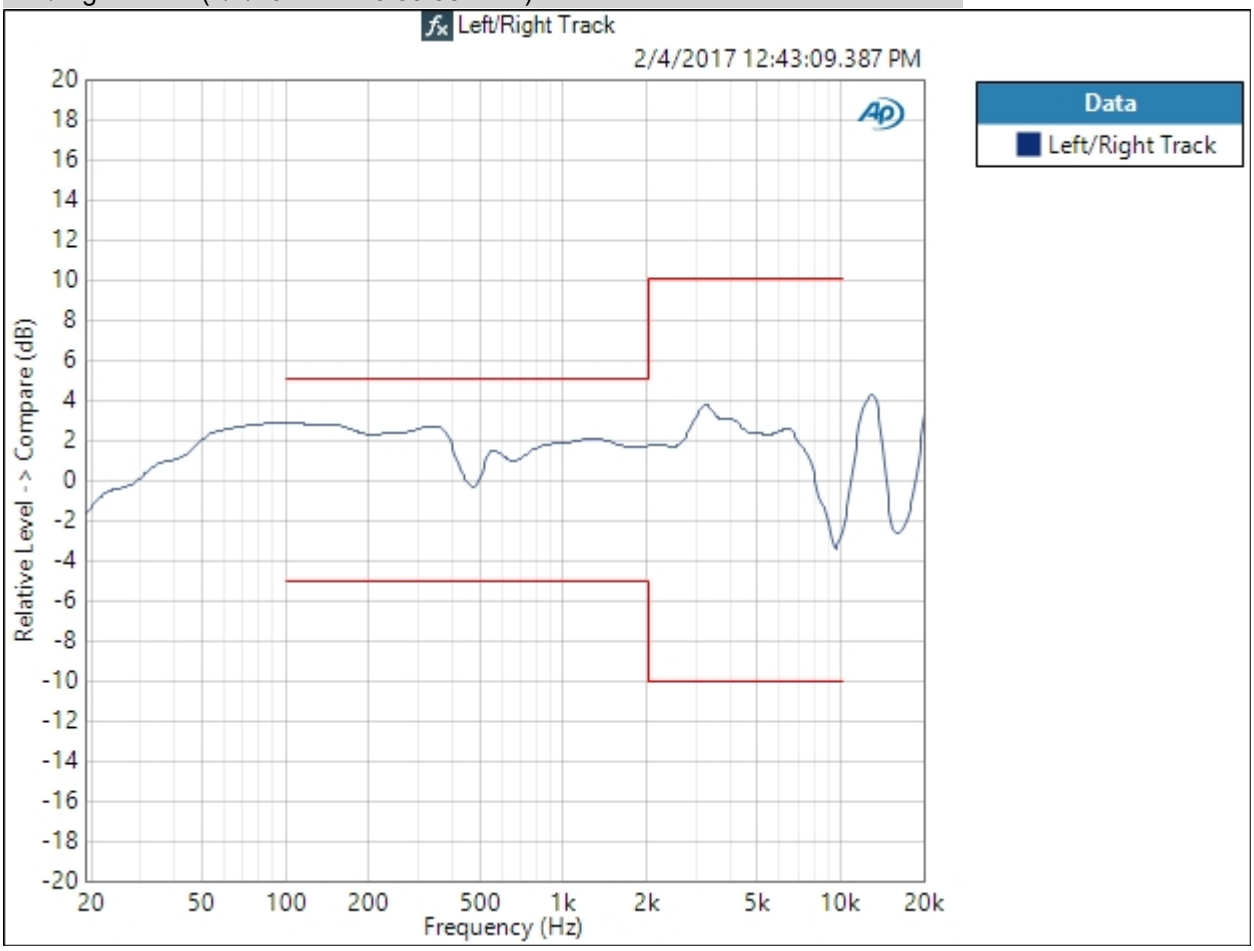


Relative Level (500.000 Hz) -> Smooth Parameters

Smoothing: 1/3 octave
Source: Relative Level (500.000 Hz)
Mode: Normalized at Reference
Ref Frequency: 500.000 Hz

Result: PASSED

Left/Right Track (2/4/2017 12:43:09.387 PM)



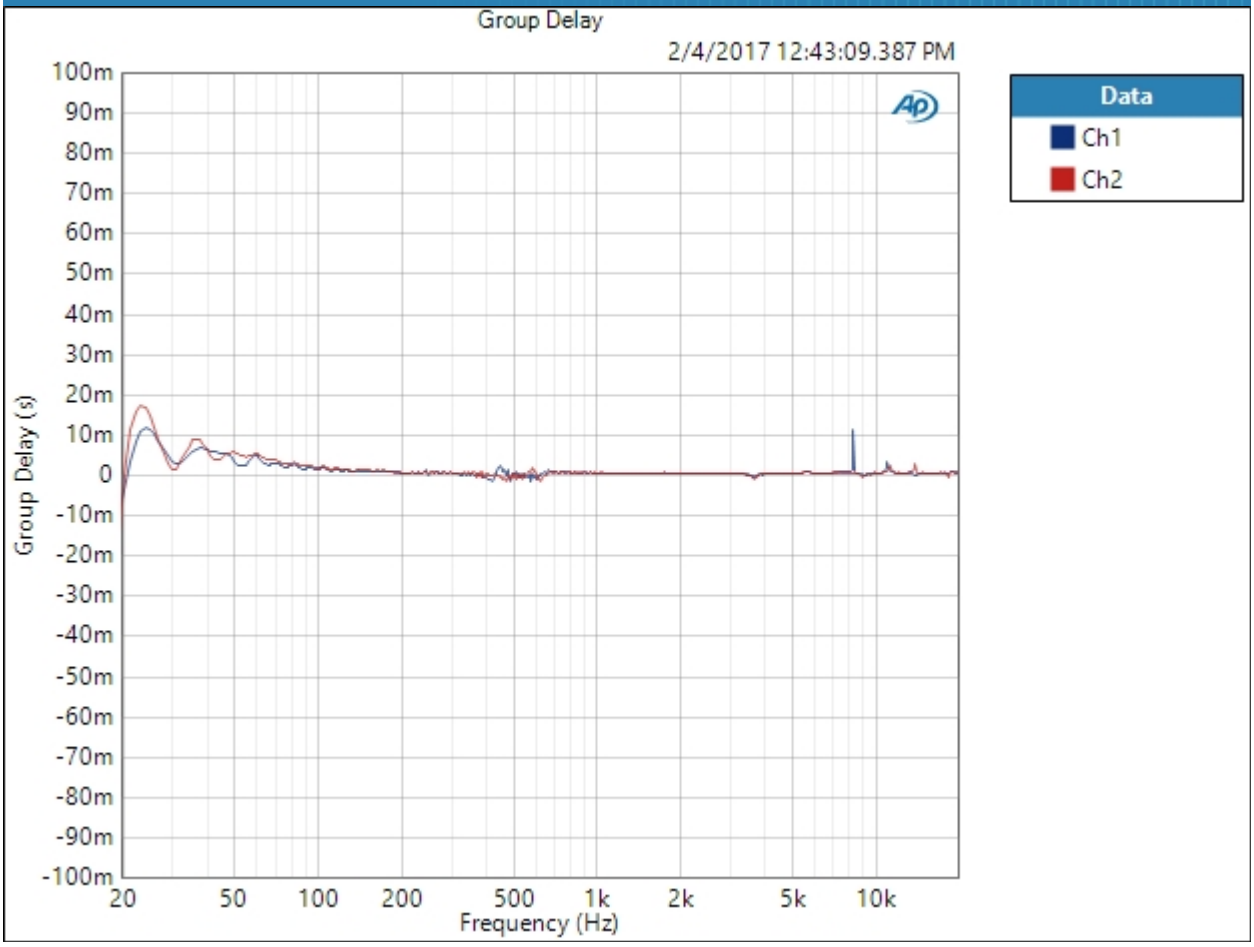
Left/Right Track PASSED

Left/Right Track Parameters

Source:	Relative Level (500.000 Hz) -> Smooth
Smoothing:	1/3 octave
Source:	Relative Level (500.000 Hz)
Mode:	Normalized at Reference
Ref Frequency:	500.000 Hz
Left/Right Track	[Ch1], [Most Recent Data Set], [Ch2], [Most Recent Data Set]

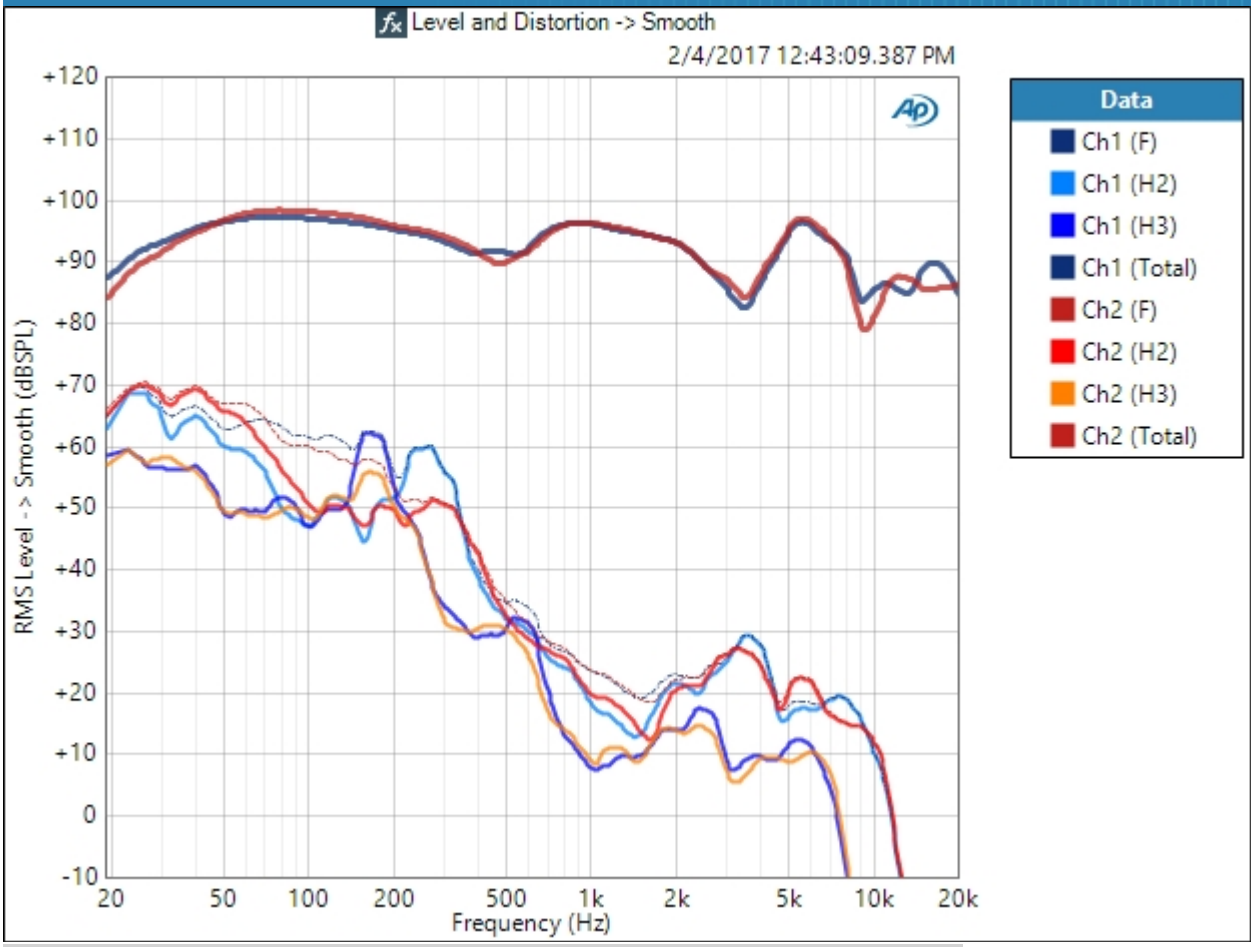
Result: PASSED

Group Delay (2/4/2017 12:43:09.387 PM)



Result: PASSED

Level and Distortion -> Smooth (2/4/2017 12:43:09.387 PM)



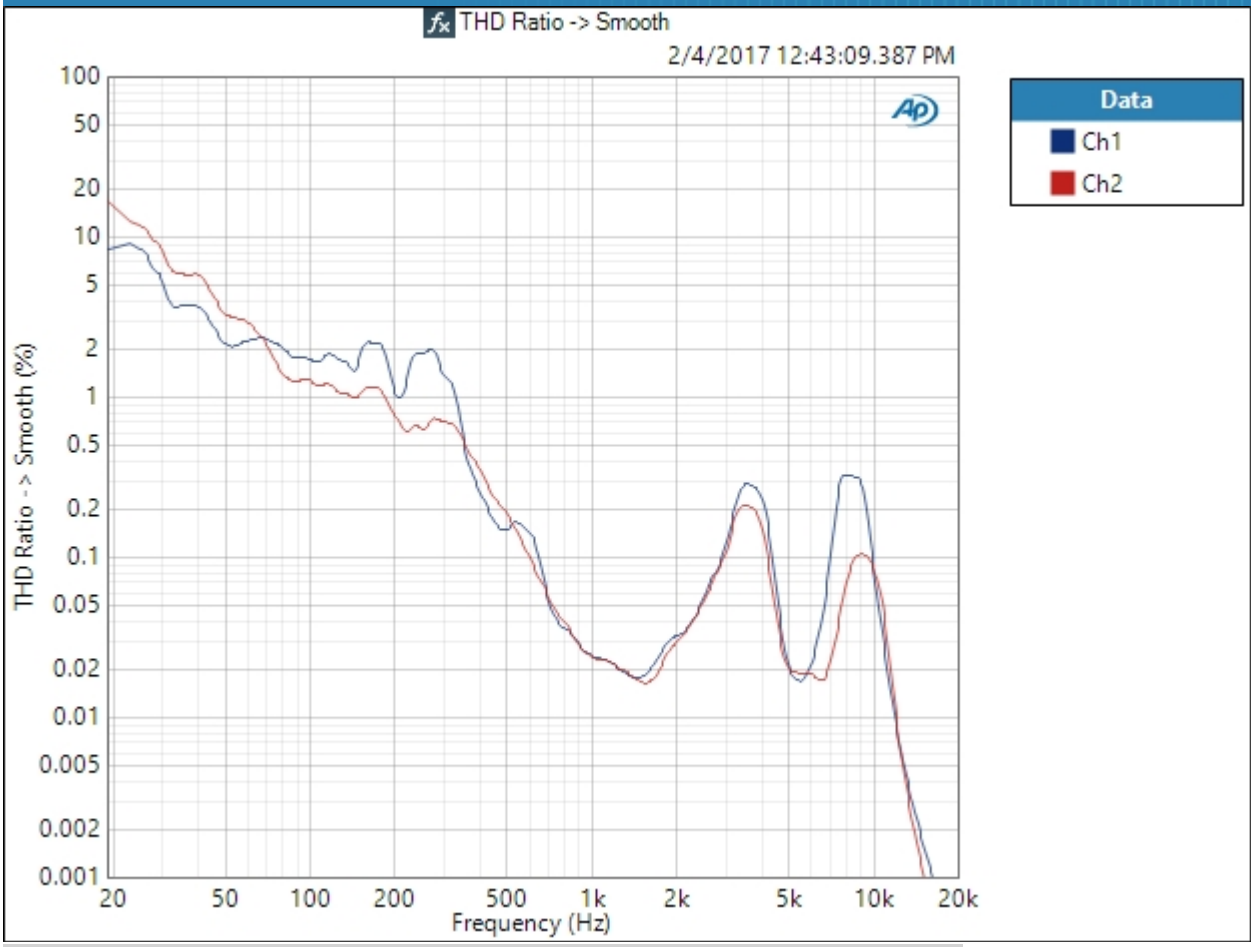
Level and Distortion -> Smooth Parameters

Smoothing: 1/3 octave

Source: Level and Distortion

Result: PASSED

THD Ratio -> Smooth (2/4/2017 12:43:09.387 PM)



THD Ratio -> Smooth Parameters

Smoothing: 1/3 octave

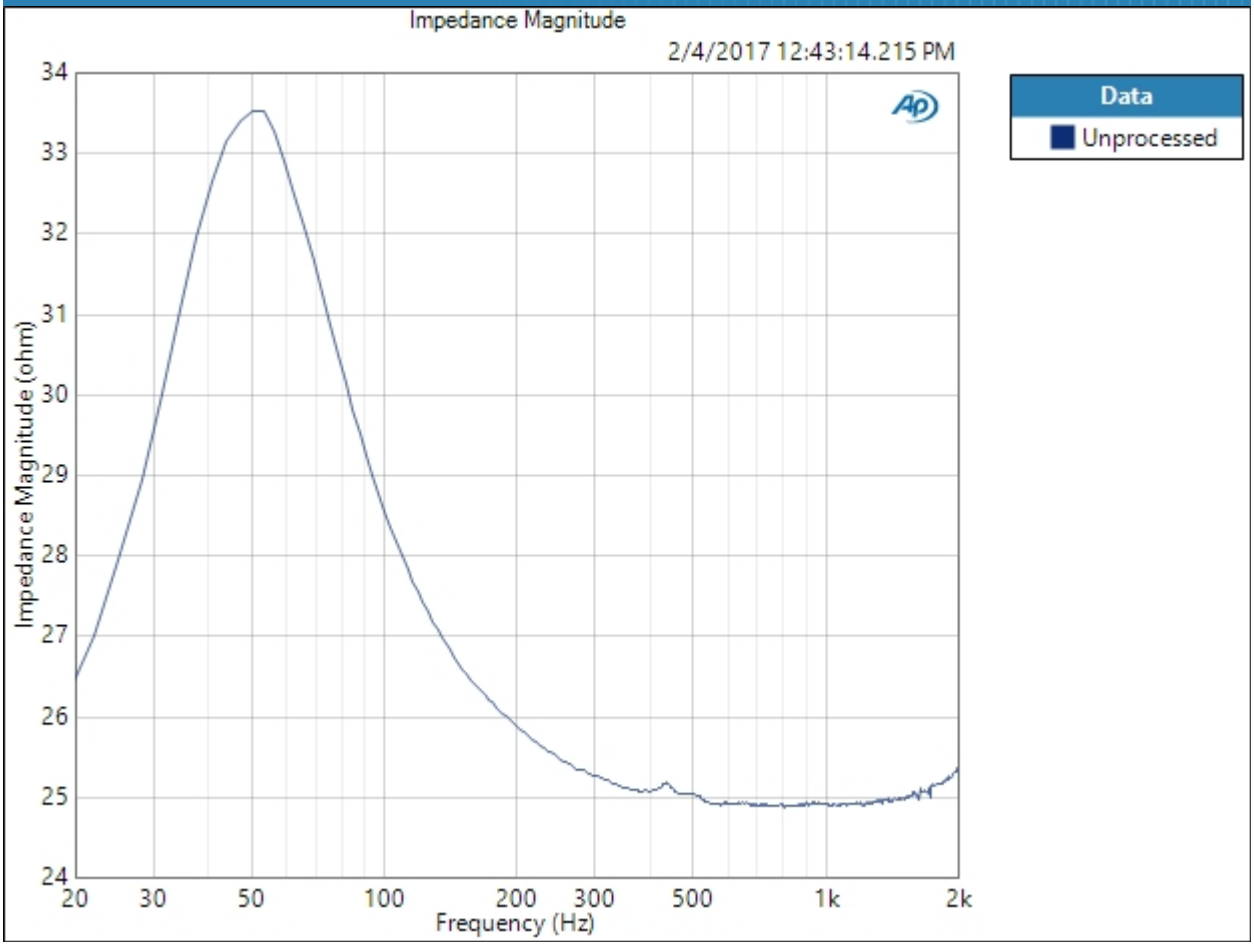
Source: THD Ratio

Result: PASSED

Impedance : Left Impedance

Generator Level:	0.000 dBrG (@114.5 mVrms)
DC Offset:	0.000 V
EQ:	None
Start Frequency:	20.0000 Hz
Stop Frequency:	2.00000 kHz
Sweep:	350.0 ms
Pre-Sweep:	100.0 ms
Extend Acquisition By:	50.00 ms
Test Configuration:	External (2 Ch)
Channels (drvr, sense):	Ch1, Ch2
Model Fit:	Standard
Window End:	10.00 ms
Calculate Thiele-Small Parameter Values:	False
Measured 1	2/4/2017 12:43:14 PM

Impedance Magnitude (2/4/2017 12:43:14.215 PM)

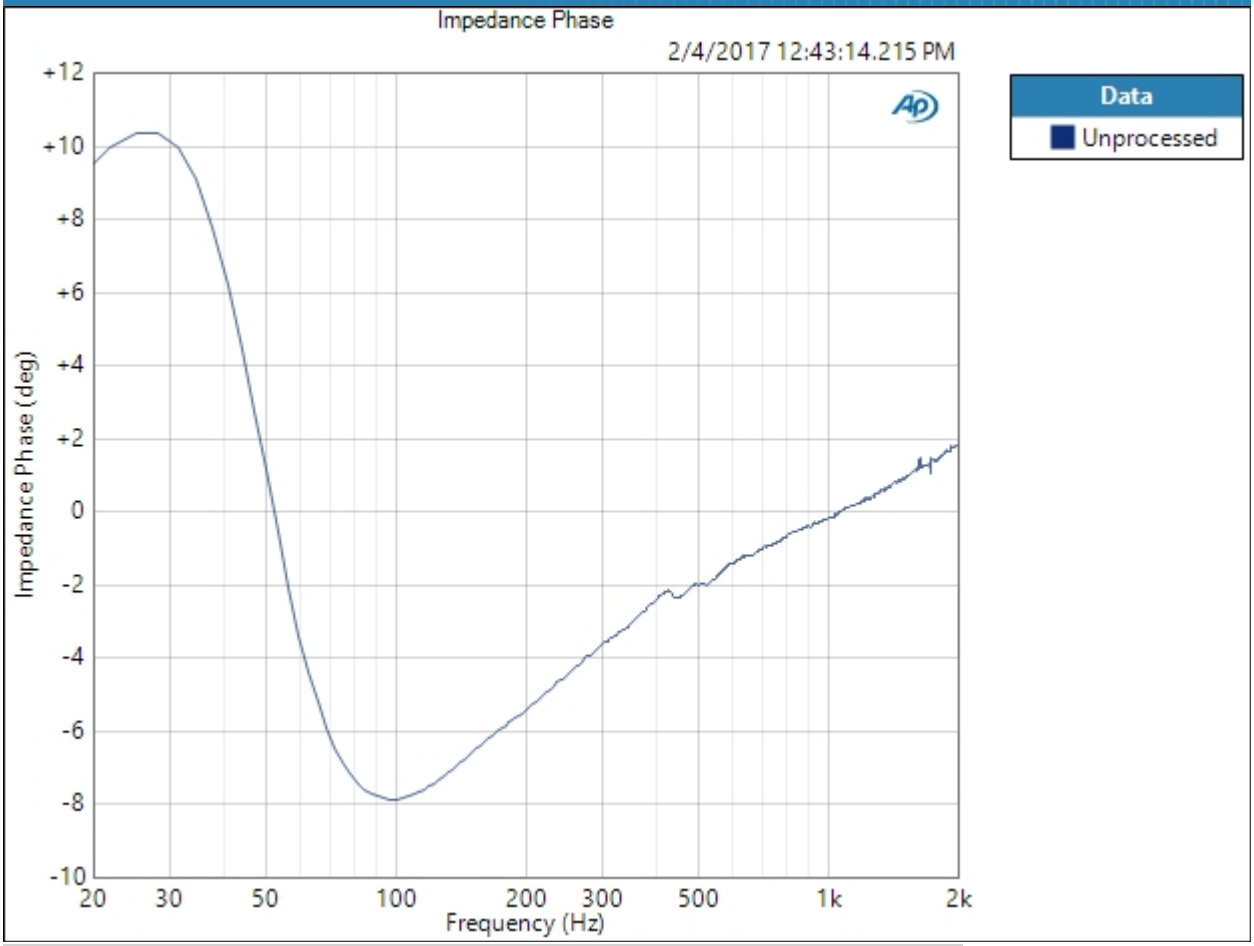


Impedance Magnitude Parameters

Display: Unprocessed

Result: PASSED

Impedance Phase (2/4/2017 12:43:14.215 PM)

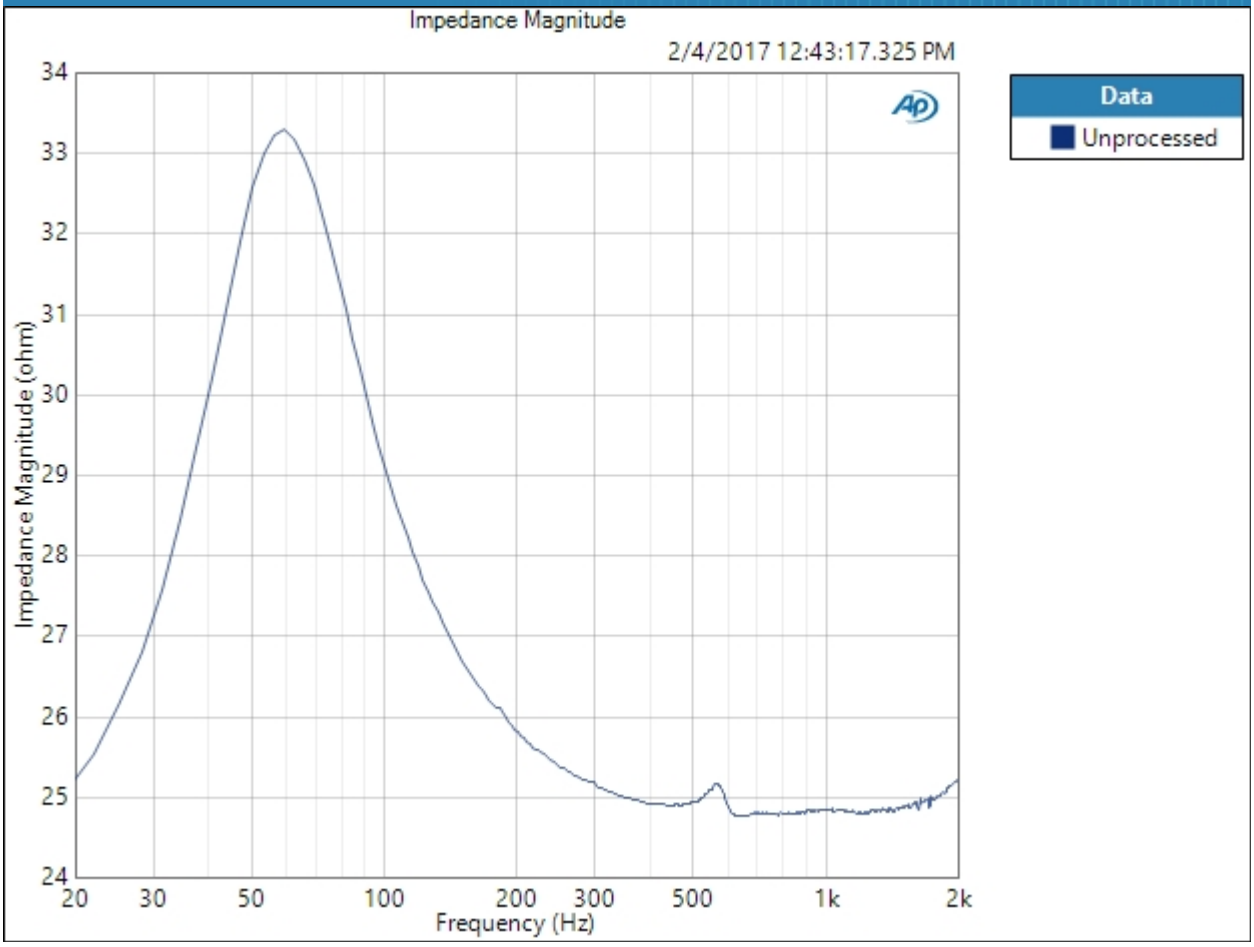


Impedance Phase Parameters

Display: Unprocessed

Result: PASSED

Impedance : Right Impedance	
Generator Level:	0.000 dBrG (@114.5 mVrms)
DC Offset:	0.000 V
EQ:	None
Start Frequency:	20.0000 Hz
Stop Frequency:	2.00000 kHz
Sweep:	350.0 ms
Pre-Sweep:	100.0 ms
Extend Acquisition By:	50.00 ms
Test Configuration:	External (2 Ch)
Channels (drvr, sense):	Ch1, Ch2
Model Fit:	Standard
Window End:	10.00 ms
Calculate Thiele-Small Parameter Values:	False
Measured 1	2/4/2017 12:43:17 PM
Impedance Magnitude (2/4/2017 12:43:17.325 PM)	

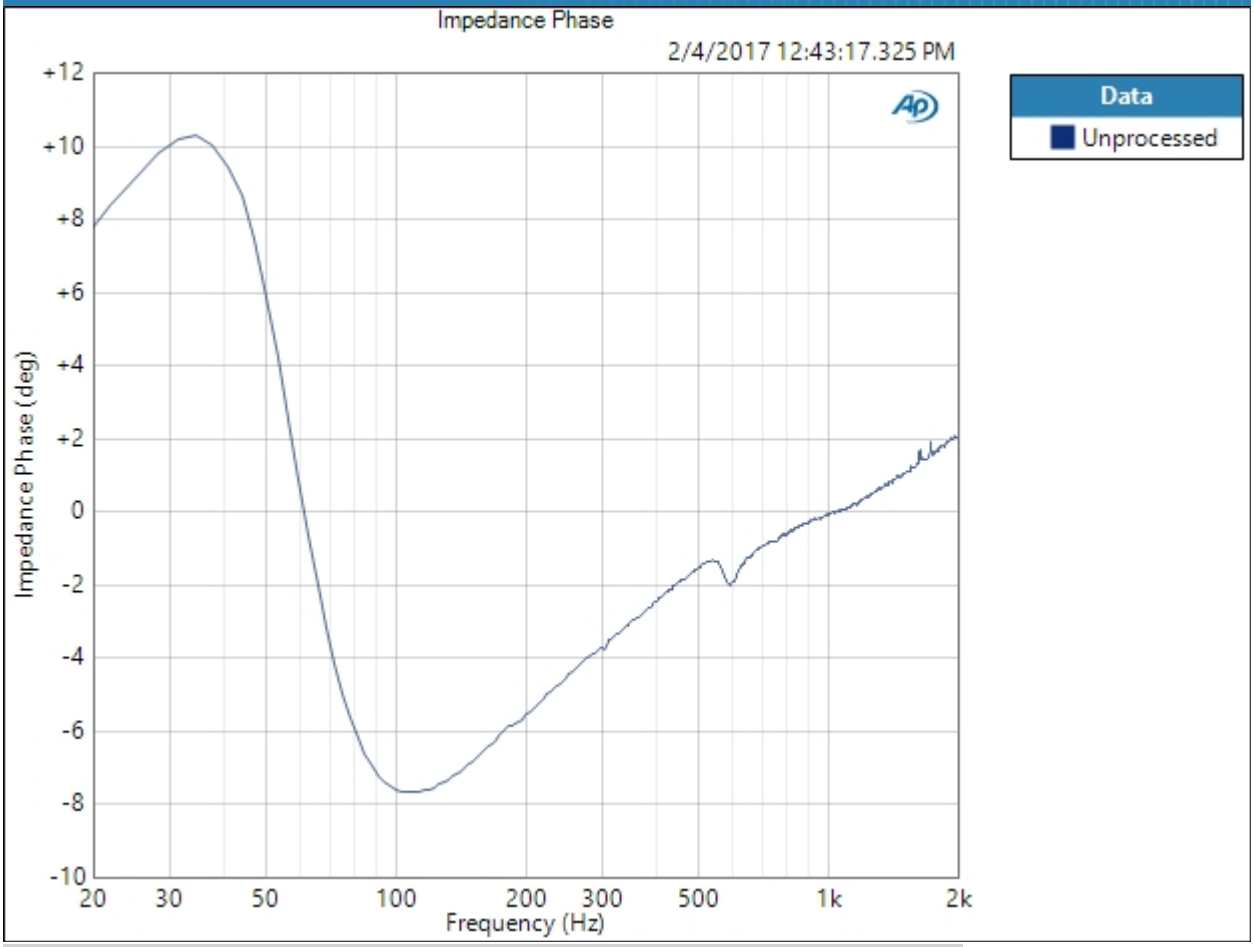


Impedance Magnitude Parameters

Display: Unprocessed

Result: PASSED

Impedance Phase (2/4/2017 12:43:17.325 PM)



Impedance Phase Parameters

Display: Unprocessed

Result: PASSED