Behringer ECM8000

Pre-Sequence Inputs:

ID: OXDJDD1126C10

Notes:

Setup: Spectra precision measurement chamber SQ4.2 ## Reference Mic G.R.A.S. 40AE ## Power supply NTI IS1002 ## Ref Calibrator Bruel&Kjaer 4231

Summary

Signal Path1

Signal Path Setup	PASSED
Acoustic Response	PASSED

Sequence Result:

Sequence Result:	PASSED

APx Instrument

Instrument ID:	11083
Calibration Date:	09.06.2024
APx Version:	8.1.1.143

Signal Path1 : Signal Path Setup

Output Connector:	Analog Unbalanced
Channels:	1
Generator Mode:	High Performance Sine Generator
Source Impedance:	20 ohm
AG52 Generator Option:	Installed
Auto Range:	Enabled
Output EQ:	EQTable1.csv
Input 1:	Analog Balanced
Measure:	Acoustic
Channels:	Auto (2 Channels)
Ch1	Data from Ch1, Sensitivity = 54,94 mV/Pa, Gain = 0,00 dB
Ch2	Data from Ch2, Sensitivity = 16,83 mV/Pa, Gain = 0,00 dB
Input Bandwidth:	AC (<10 Hz) - 22.4k (48 kHz SR)
Input EQ:	None
Termination:	200 kohm
High Performance Sine Analyzer:	Disabled
Input 2:	None
Device Delay:	0,000 s
• References	
dBr G:	222,5 mVrms
dBm (Output Power):	600,0 ohm
W(watts) (Output Power):	8,000 ohm
Shared Frequency Reference:	1,00000 kHz
• DCX	
DCX is not detected.	
• Clocks	
Output Rate:	Track Output SR
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

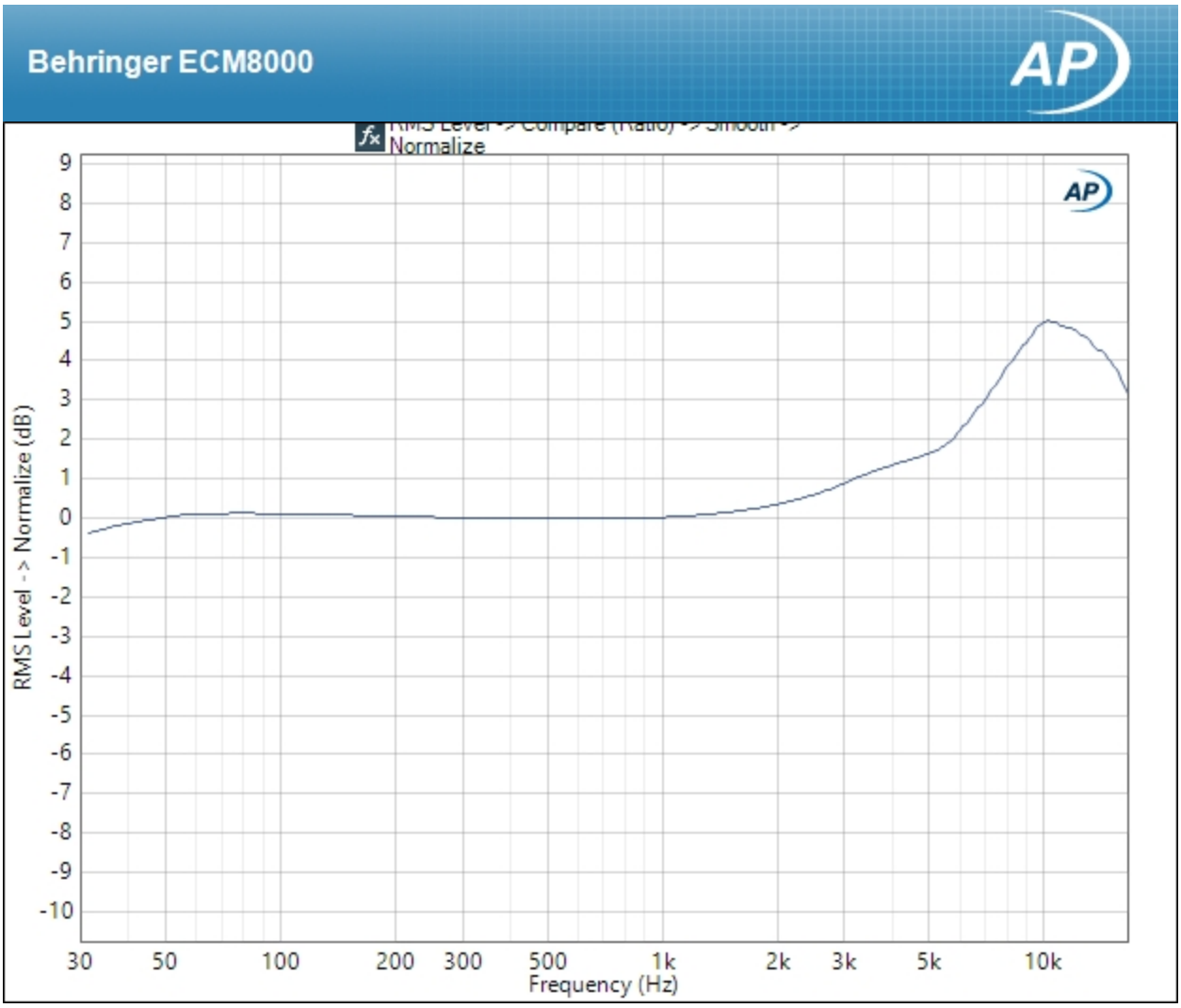
Signal Path1 : Verify Connections

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Generator Level:	222,5 mVrms
Frequency:	1,00000 kHz
Generator Channel:	All Channels

Signal Path1 : Acoustic Response

Start Frequency:	31,5000 Hz
Stop Frequency:	20,0000 kHz
Generator Level:	800,0 mVrms
DC Offset:	0,000 V
EQ:	Signal Path EQ
Pre-Sweep:	0,000 s
Sweep:	5,000 s
Measured 1	27.11.2024 14:23:51
Step Type:	Log Chirp
Averages:	1
Window Start:	-30,00 ms
Extend Acquisition By:	0,000 s
Secondary Source:	None

RMS Level -> Compare (Ratio) -> Smooth -> Normalize



Trace1 PASSED

RMS Level -> Compare (Ratio) -> Smooth -> Normalize Parameters

Mode:	Normalize
X Reference:	1,00000 kHz
Source:	RMS Level -> Compare (Ratio) -> Smooth
Smoothing:	1/6 octave
Source:	RMS Level -> Compare (Ratio)
Source:	RMS Level
Trace1	[Ch1], [Most Recent Data Set], [Ch2], [Most Recent Data Set]

Result: PASSED