Behringer ECM8000

Pre-Sequence Inputs:

ID: 0XDJDE0720SC5

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:	09.06.2025
APx Version:	5.0.3.14.140847

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 Connector:	Analog Balanced (Acoustic)
Channels:	2
Termination:	200 kohm
High Performance Sine Analyzer:	Disabled
Input Bandwidth:	AC (<10 Hz) - 22.4k (48 kHz SR)
Device Delay:	0,000 s
Input EQ:	None

• References

dBr G:	234,8 mVrms
dBm (Output Power):	600,0 ohm
W(watts) (Output Power):	8,000 ohm
Shared Frequency Reference:	1,00000 kHz
Sensitivity (Ch1):	54,94 mV/Pa
Serial Num (Ch1):	
Sensitivity (Ch2):	10,73 mV/Pa
SerialNum (Ch2):	

• 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

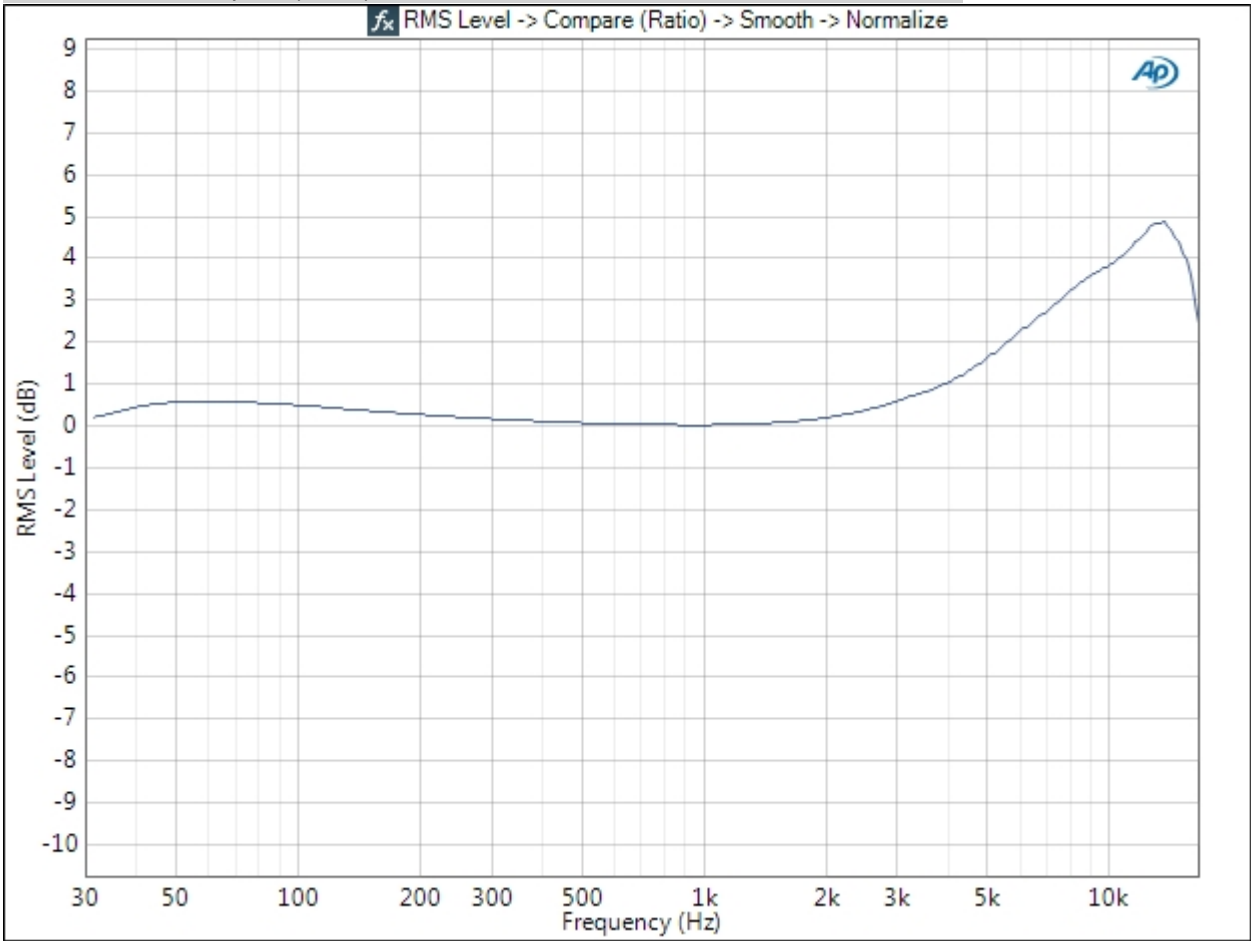
Signal Path1 : Verify Connections

Waveform:	Sine
Generator Mode:	High Performance Sine Generator
Generator Level:	234,8 mVrms
Frequency:	1,00000 kHz

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	01.08.2025 18:31:41
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