# Behringer ECM8000

## Pre-Sequence Inputs:

ID: 0XDJDE0720SE5

## 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: | 232,7 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): | 11,99 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 |

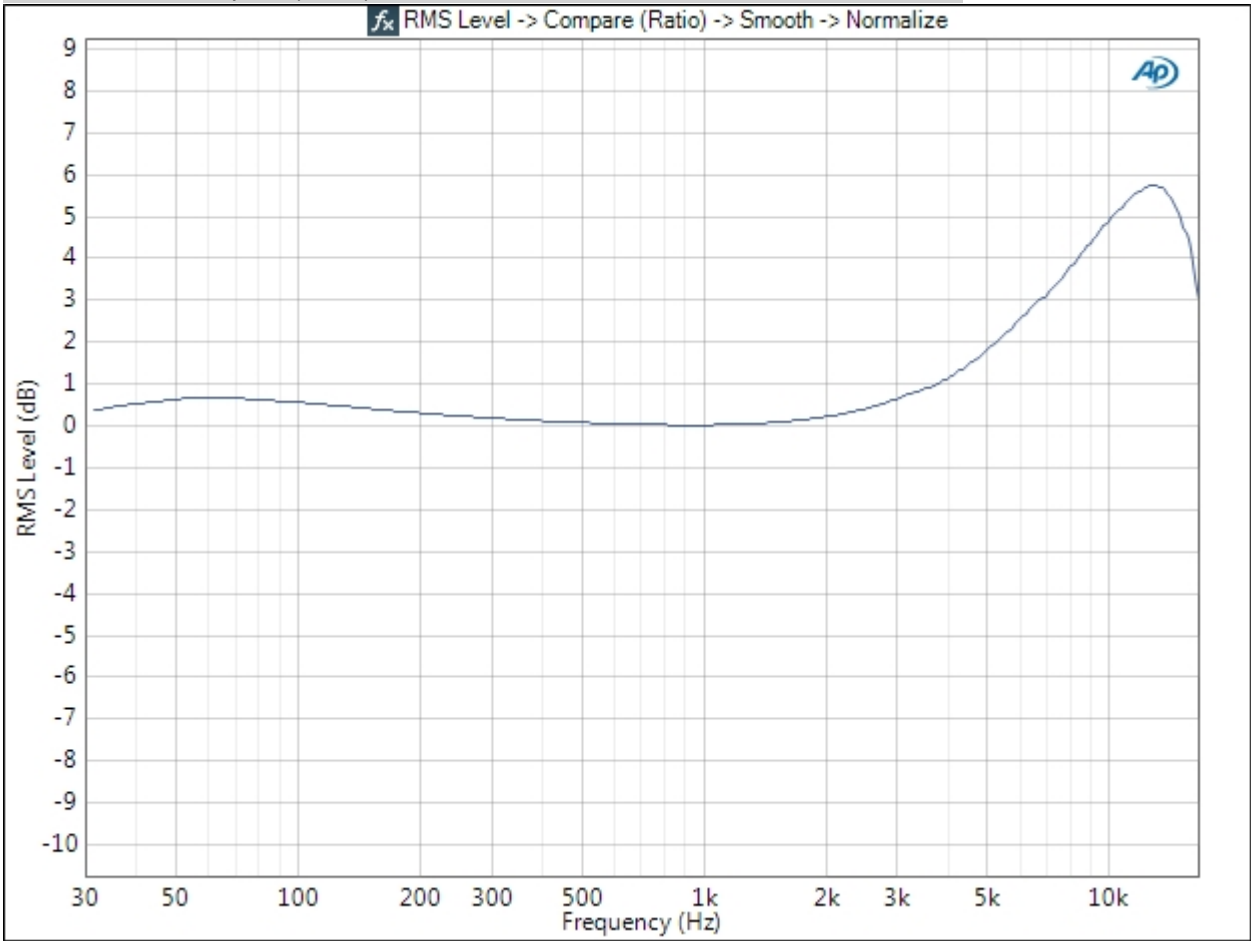
## Signal Path1 : Verify Connections

| | |
|---|---|
| Waveform: | Sine |
| Generator Mode: | High Performance Sine Generator |
| Generator Level: | 232,7 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 20:53:46 |
| 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