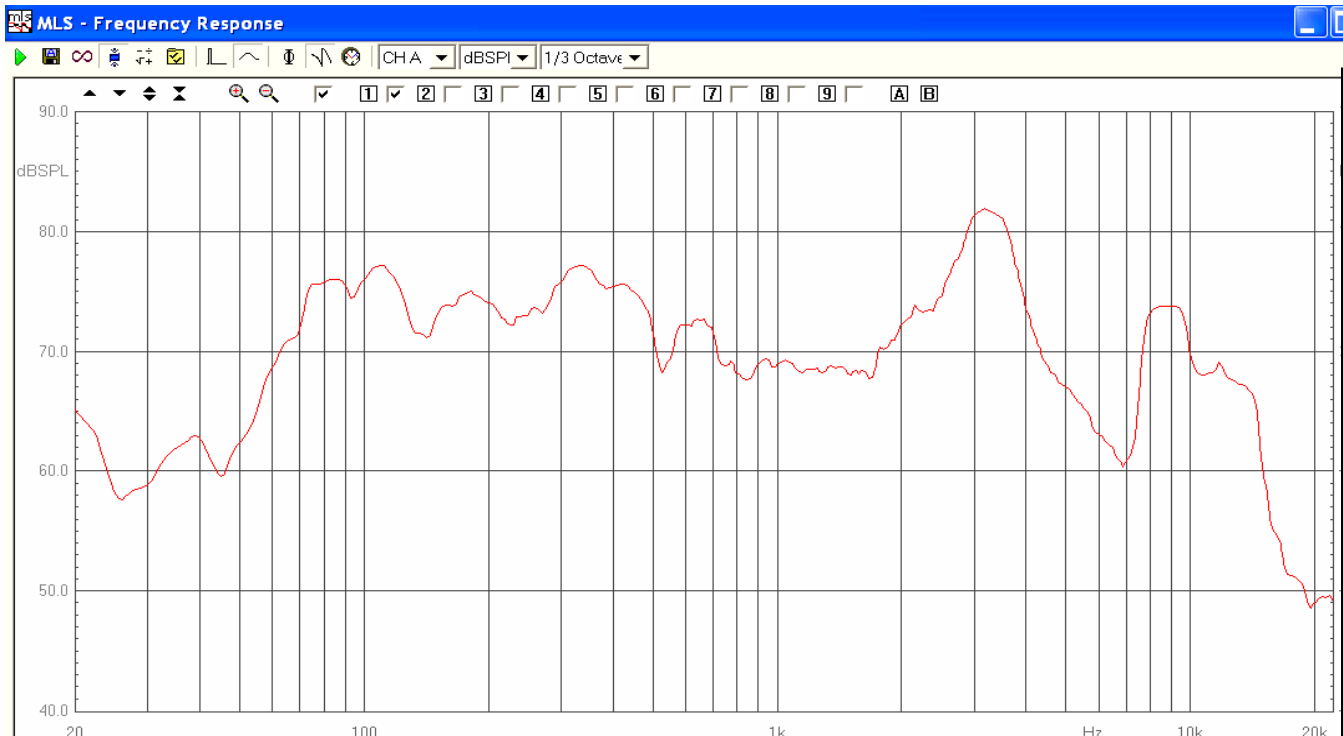


INDUCTION DYNAMICS Solid|Drive™ – SD1 Series

Specifications

Frequency Response	60-15,000 Nominal w/o EQ –depends on Substrate
Max Program Power	100W, with 100hz 12dB/oct high-pass – See Note1
Max Continuous Power	30Watts
Max SPL @1M , 100-10khz	88.8dB Drywall – Adjusted to be equivalent to a conventional in-wall speaker @4m
Sensitivity dB@1M 2.83V	Nominal, 70-75dB - Sensitivity is dependent on substrate type, substrate thickness, size (larger-higher), drive location (center of panel usually highest), frequency, etc.) Since radiation is from a large surface, the decrease in SPL (approximately – 4dB) with distance is significantly less than a conventional in-wall speaker (-6dB for every doubling of distance). <u>This causes an apparent higher 1m sensitivity at listening distance.</u>
Distance Factor	Approx -4dB/Distance doubling -
Effective 1w/1m Sensitivity	74dB Drywall – Adjusted to be equivalent to a conventional in-wall speaker @ 4m
Impedance (nominal)	8ohm
Coverage Angle @ 50-3khz	Greater than 120deg, See graph

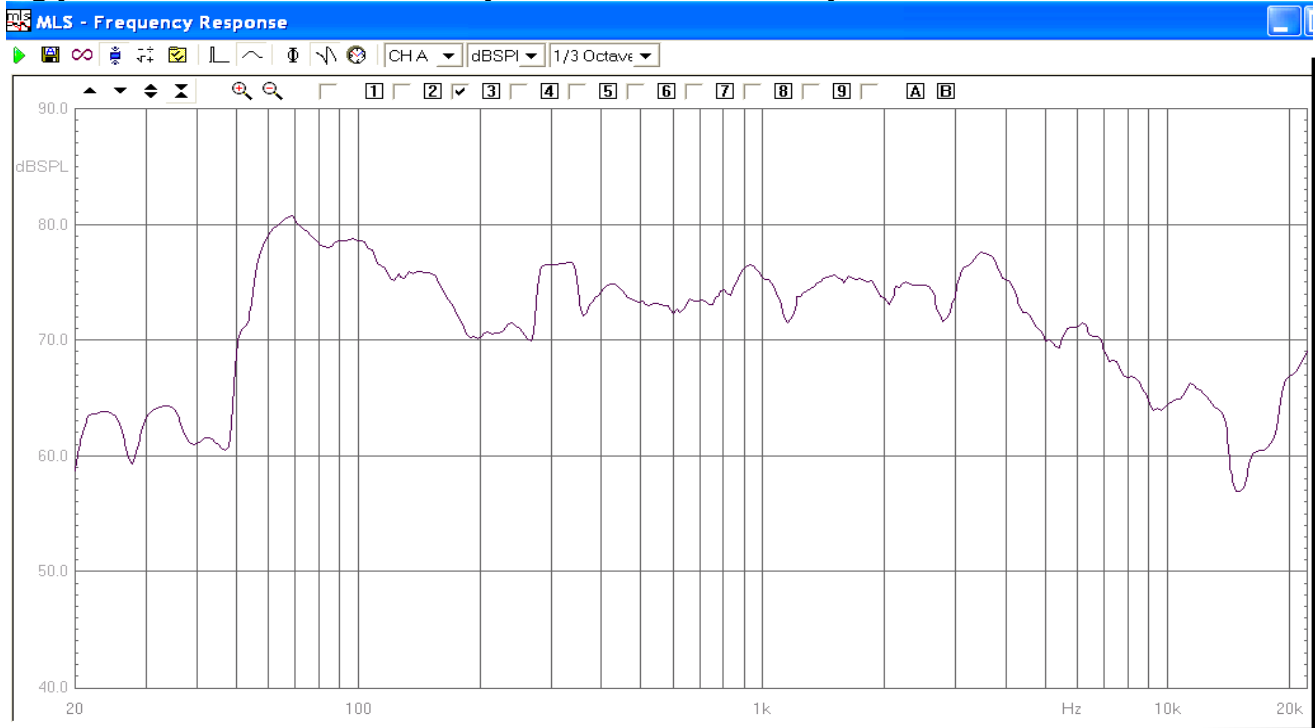
Typical Dry-wall SolidDrive Response @ 1m



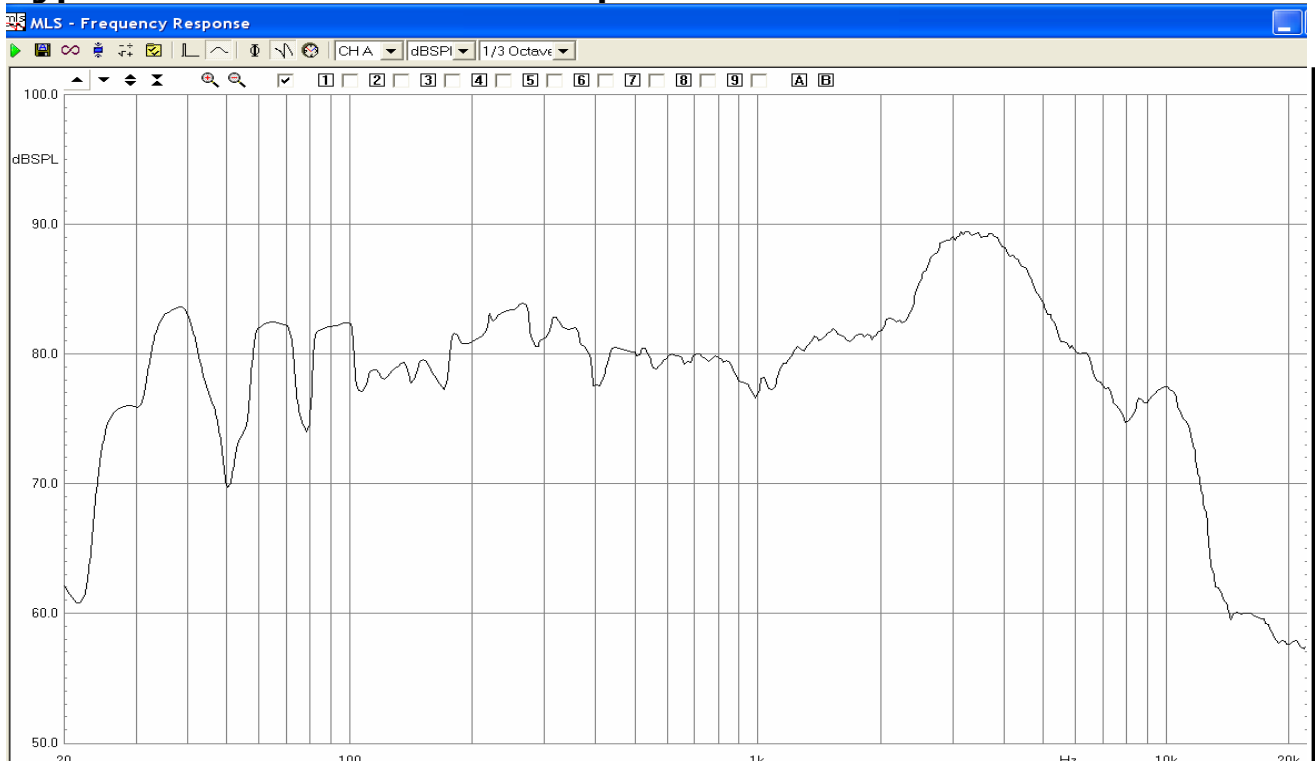
Notes:

- 1) Solid substrates systems are excursion limited at low frequencies. For higher SPL levels, a 12dB/oct high-pass at 100hz or above is recommended
- 2) All Graph Data Smoothed 1/3 Octave

Typical Wood Table-Top SolidDrive Response @ 1m

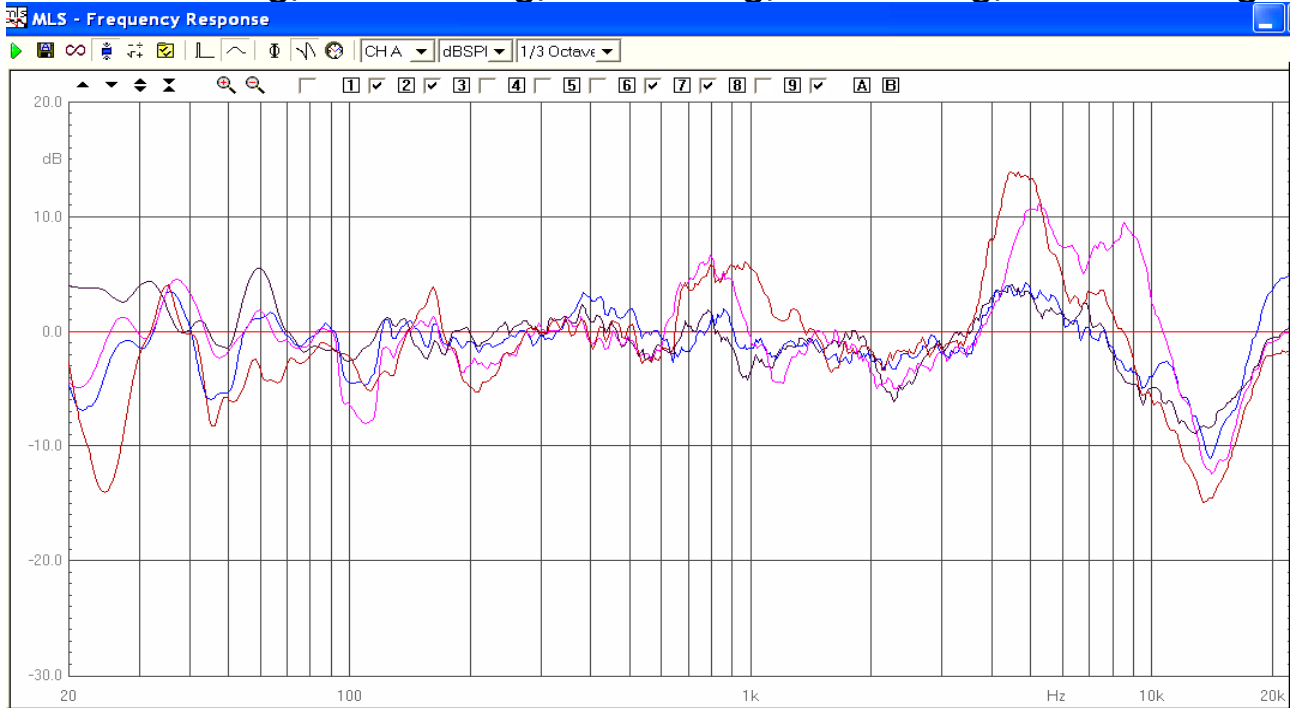


Typical Glass SolidDrive Response @ 1m

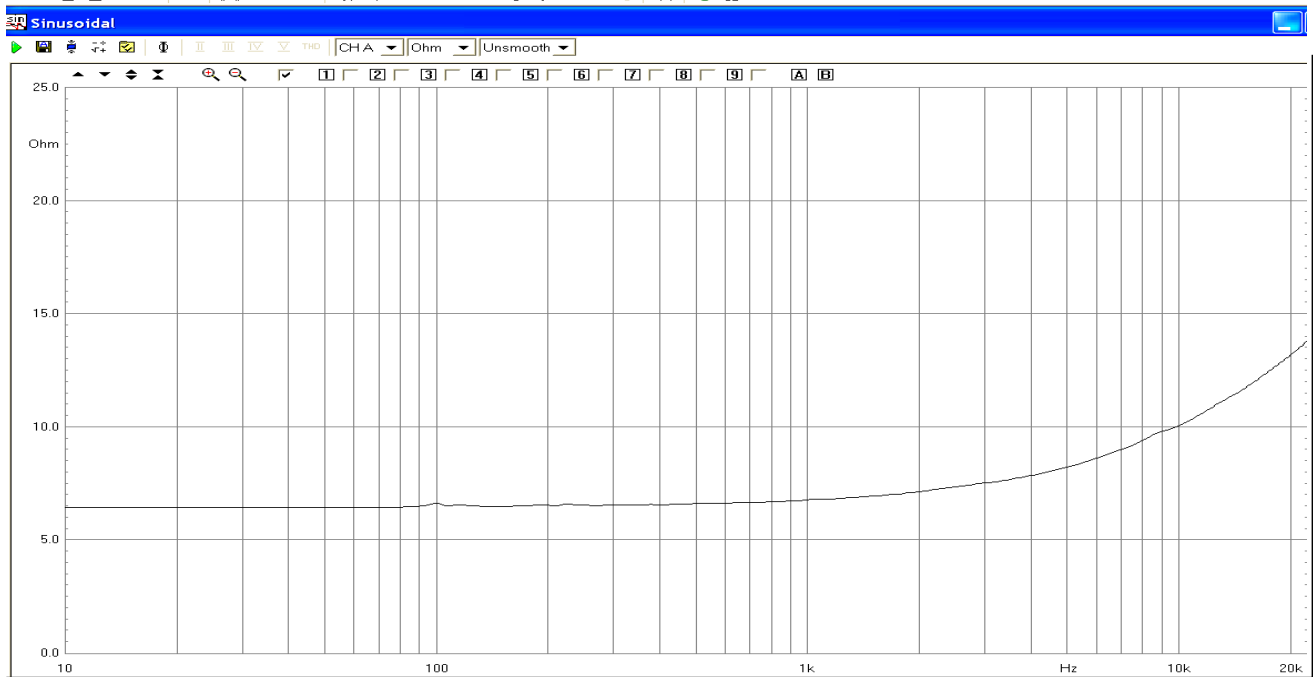


SolidDrive Off Axis Response On 4x8' Drywall Panel Outdoors in 4' Direction Referenced to 0deg @2m

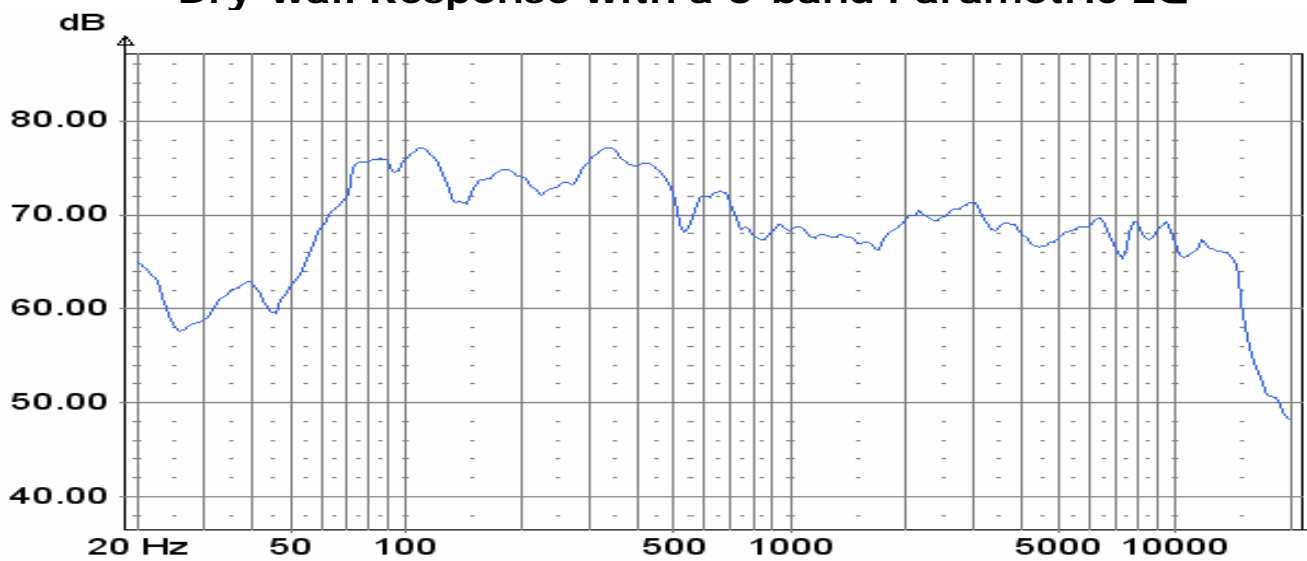
Red-0deg, Black-15deg, Blue-30deg, Pink-45deg, Brown-60deg



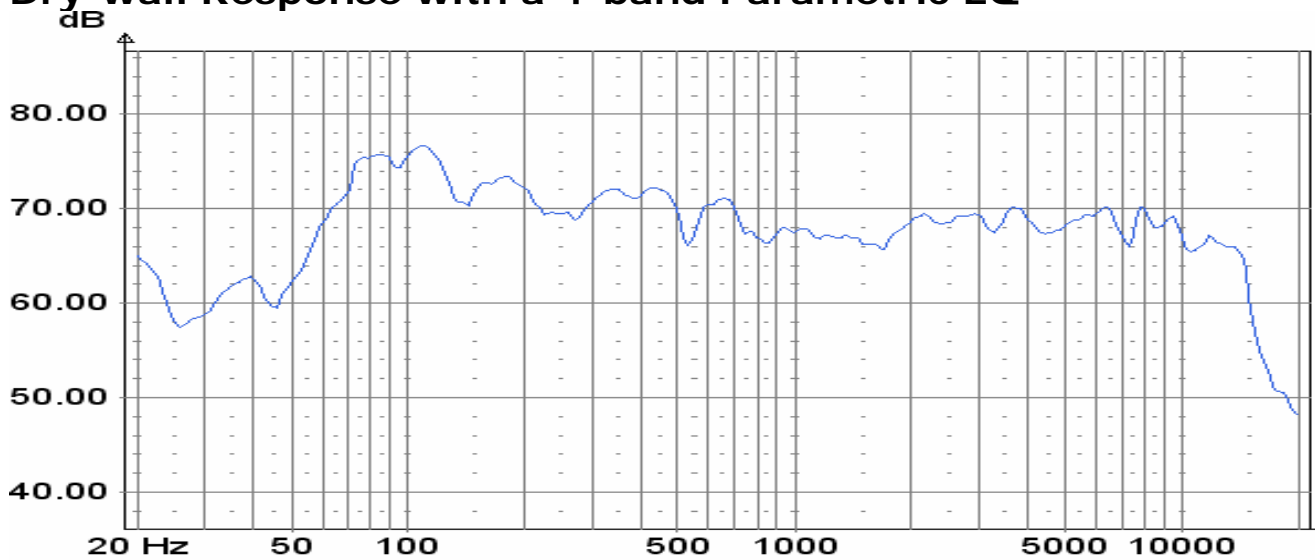
Impedance Response, All Surfaces – Nominal 8ohm



Dry-wall Response with a 3-band Parametric EQ



Dry-wall Response with a 4-band Parametric EQ



Wood Table-top Response with a 3-band Parametric EQ

