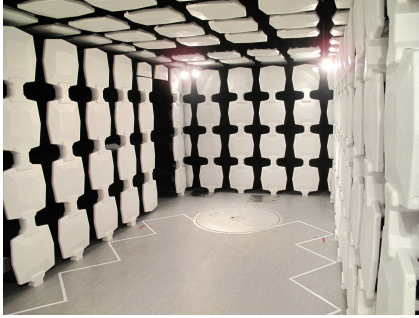


SPACESAVER™ CHAMBERS SpaceSaver™ 26H Chamber

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The SpaceSaver™ 26H is an RF-shielded semi-anechoic chamber providing a multi-purpose environment for radiated immunity and pre-compliant emission testing. This compact chamber provides an anechoic test environment that supports testing up to 40 GHz with anechoic performance equal to or better than that required for radiated immunity testing per most standards including IEC, pre-compliant emission testing, and design and debugging applications.

Validation of the RF shielded enclosure is performed at 1 GHz plane wave field. Optional shielding enhancements are available for increased RF attenuation above 10 GHz. Validation above 1 GHz is also optional, if desired.

Key Features

- Conducts emissions measurements and EMI/EMC measurements
- Ultra Broadband Frequency Range: 26 MHz to 40 GHz
- Radiated Immunity Compliance
 - IEC 61000-4-3
- Radiated Emissions Pre-Compliance
 - Semi Anechoic (Pre-Scan)
 - ANSI C63.4/CISPR 16-1-4
 - Fully Anechoic
 - CISPR 16-1-4 (Fixed Height)
- Turnkey Chamber Solutions

Specifications

Electrical Specifications

Frequency Minimum: 26 MHz

Frequency Maximum: 40 GHz

Physical Specifications

Scan Height: 1 m to 2 m (3.3 ft to 6.6 ft)

Overall Structure Dim (H): 3.2 m (10.50 ft)

Overall Structure Dim (L): 7.8 m (25.59 ft)

Overall Structure Dim (W): 3.8 m (12.47 ft)

Internal Working Area (L): 7.6 m (24.93 ft)

Internal Working Area (W): 3.1 m (10.17 ft)

Internal Working Area (H): 3.1 m (10.17 ft)

Quiet Zone for Emission Testing (Diameter x H): 1.2 m x 2.0 m
(3.9 ft x 6.6 ft)

Field Uniformity: 0 to 6 dB; 1.5 m x 1.5 m (4.92 ft x 4.92 ft)

Other Specifications

- Two Connector Panels, 15 cm x 61 cm (6 in x 24 in) Clear Opening
- Four corner-mounted Light Fixtures with LED lights
- 4 x 2 x 30 Amp, Power-Line Filters For Lights And EUT (Wiring Not Included)
- Manual 4' x 7' RF-shielded single-leaf door w/ limit switch
- Two Waveguide Vents, 30.48 cm x 30.48 cm (12 ft x 12 ft) in the Ceiling
- Shield Test Per IEEE-299/MIL-STD 285
- One 3.81 cm (1.5 in) Pipe Penetration with Flange Nuts and Cap
- 7-TR Tripod
- Two "N" Type Connectors
- One 4 cm (1.5 in) Pipe Penetration With Flange Nuts And Cap