ETS·LINDGREN
An ESCO Technologies Company

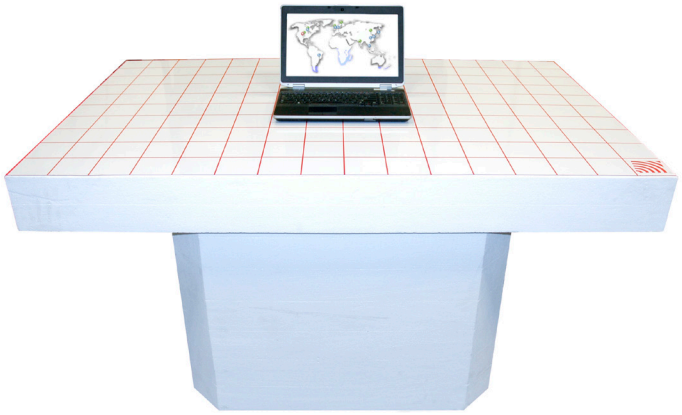
Positioning Equipment

Low Dielectric Table

Models LDT-1.2, LDT-1.5

FEATURES:

- For Radiated Emissions Measurements
- Minimal Measurement Influence
- EUT Placement Grid (10 cm^2)
- Distributed Load Capacity of 100 kg (220 lb)
- Durable Construction



ETS-Lindgren's Low Dielectric Table

ETS-LINDGREN'S LOW DIELECTRIC TABLE (LDT) is a lightweight, portable test table, constructed with materials selected for their low dielectric property. The LDT's construction material for the EUT's support surface has a dielectric constant of < 3.0, while the table's support structure has a dielectric constant of < 1.03. The result is a table having virtually no influence on radiated emissions measurements, especially above 1 GHz where frequencies are affected most. For ease of use and accurate EUT positioning, an EUT placement grid is integrated onto the test table top.

The results were measured in accordance of CISPR 16-1-4 (Section 5.5) that discusses how to evaluate the test table's effect on radiated emissions measurement from 200 MHz to 18 GHz. The tests were performed in a validated 3-meter semi-anechoic chamber.

The LDT is available in two sizes; 1.2 m x 1.0 (Model LDT-1.2) and 1.5 m x 1.0 m (Model LDT-1.5). Both test tables have a load capacity of 100 kg (220 lbs). Custom sizes are available; please contact ETS-Lindgren for details.

Both LDT models are designed to be used with a 1.2 m diameter or larger turntable.

STANDARD CONFIGURATION

- EUT Test Table Assembly

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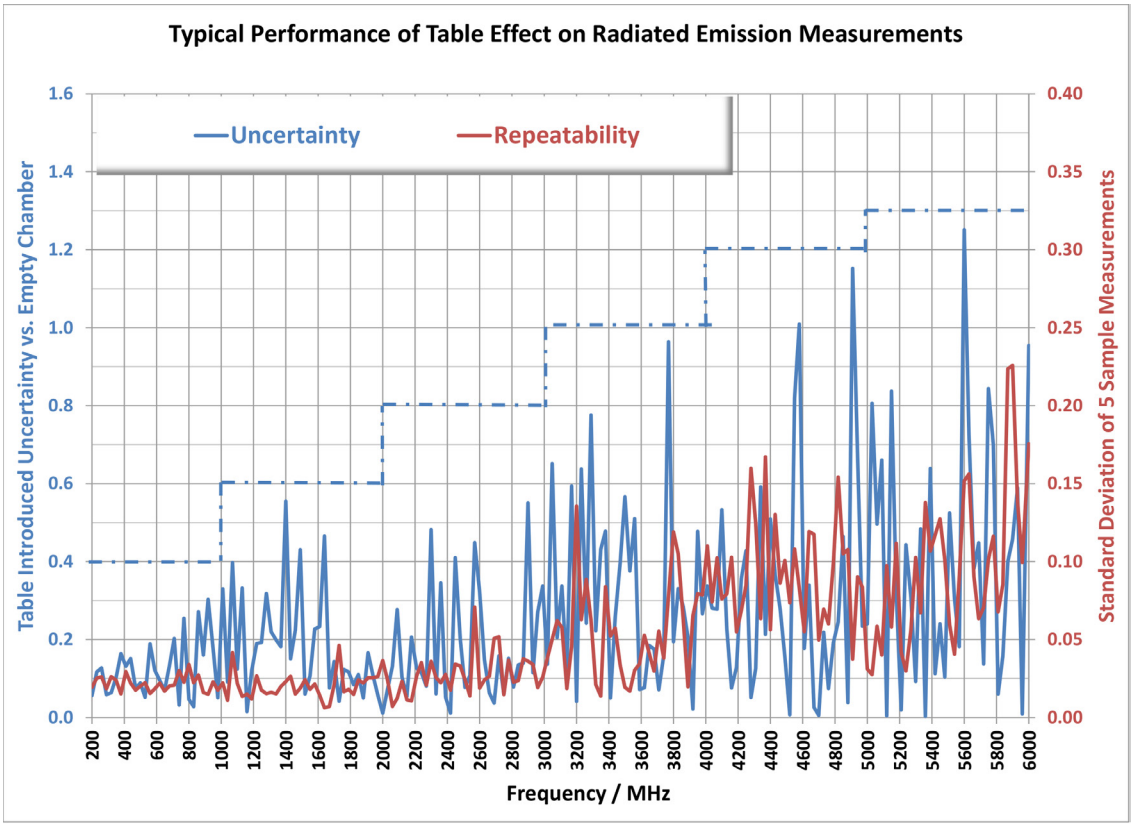
Physical Specifications

MODEL	LENGTH	WIDTH	HEIGHT	LOAD CAPACITY
LDT-1.2	120.0 cm 47.2 in	100.0 cm 39.4. in	80.0 cm 31.5 in	100.0 kg 220.0 lb
LDT-1.5	150.0 cm 59.1 in	100.0 cm 39.4. in	80.0 cm 31.5 in	100.0 kg 220.0 lb

Electrical Specifications

MODEL	DIELECTRIC CONSTANT, BASE AND TABLE	DIELECTRIC CONSTANT, GRID LAMINATE
LDT-1.2	<1.03	<3.0
LDT-1.5	<1.03	<3.0



Data Available Upon Request for 6 - 18 GHz Frequency Range.

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