

EMFIELD GENERATOR™



ETS-Lindgren's EMField Generator is a unique, integrated solution for Radiated Immunity testing including IEC/EN 61000-4-3. It combines an amplifier, directional couplers, and an antenna array into one remarkable, simplified design. Almost all of the generated power is converted into useable field strength.

The supporting instrumentation – a signal generator, laser probe controller, and EMField power supply – are all plug-and-play card modules that slide into the backplane of the EMCenter, an intelligent 19 in. console only 3U high placed in the control room.

Applications

Full compliance with IEC/EN 61000-4-3

Specifications

Frequency

1 GHz – 6 GHz

Field Strength

10 V/m @ 3 m distance (80% AM)

Dimensions

25 cm x 25 cm x 86 cm (w x h x l) ~ 10 in. x 10 in. x 34 in.

Weight

11 Kg ~ 25 lb

- No cable losses
- No power combiner losses
- No equipment rack inside chamber
- Almost all power is converted into field
- Integrated single instrument solution
- Works with TILE!™ software

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