The Model ATS700M11G is a wide band, high gain, stacked log periodic antenna that provides a minimum gain of 6.5dB over isotropic over the frequency range 700 MHz to 10.5 GHz. The Model ATS700M11G supplies the constant high intensity fields necessary for RFI/EMI field testing within and beyond the confines of a shielded room. The Model ATS700M11G is also designed to perform emissions measurements. The Model ATS700M11G is compact and lightweight for ready mobility, yet is built tough enough for the extra demands of outdoor use and easily mounts on a tripod. The Model ATS700M11G is ideal for the IEC-61000-4-3 standard due to its excellent field uniformity. The antenna is supplied with full calibration data.

**SPECIFICATIONS**

- **FREQUENCY RANGE**: 700 MHz–10.5 GHz
- **POWER INPUT (maximum)**: See Curve
- **POWER GAIN (over isotropic)**: See Curve
- **IMPEDANCE**: 50 ohms nominal
- **VSWR**
  - Typical: <1.5:1 to 7 GHz
  - ≤2.8:1 7 GHz to 10.5 GHz
- **BEAM WIDTH (average)**
  - E Plane: See Curve
  - H Plane: See Curve
- **FRONT TO BACK RATIO (minimum)**: -15 dB
- **CONNECTOR**: N(F) Precision
- **MOUNTING PROVISIONS**: May be tripod mounted with included tripod mount.
- **WEIGHT**: 3.7 kg (8.14 lbs)
- **SIZE (WxHxD)**: 46 x 27 x 27 cm (18 x 10.6 x 10.6 in)

![ATS700M11G INPUT POWER](chart.png)