

Model ATS700M11G
Antenna
700MHz–10.5GHz

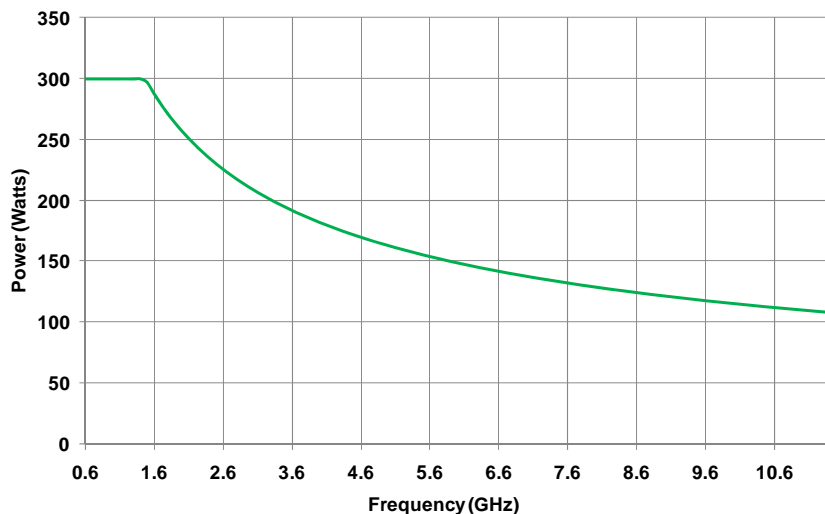
The Model ATS700M11G is a wide band, high gain, stacked log periodic antenna that provides a minimum gain of 6.5dB over isotropic over the frequency range 700 MHz to 10.5 GHz. The Model ATS700M11G supplies the constant high intensity fields necessary for RFI/EMI field testing within and beyond the confines of a shielded room. The Model ATS700M11G is also designed to perform emissions measurements. The Model ATS700M11G is compact and light weight 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

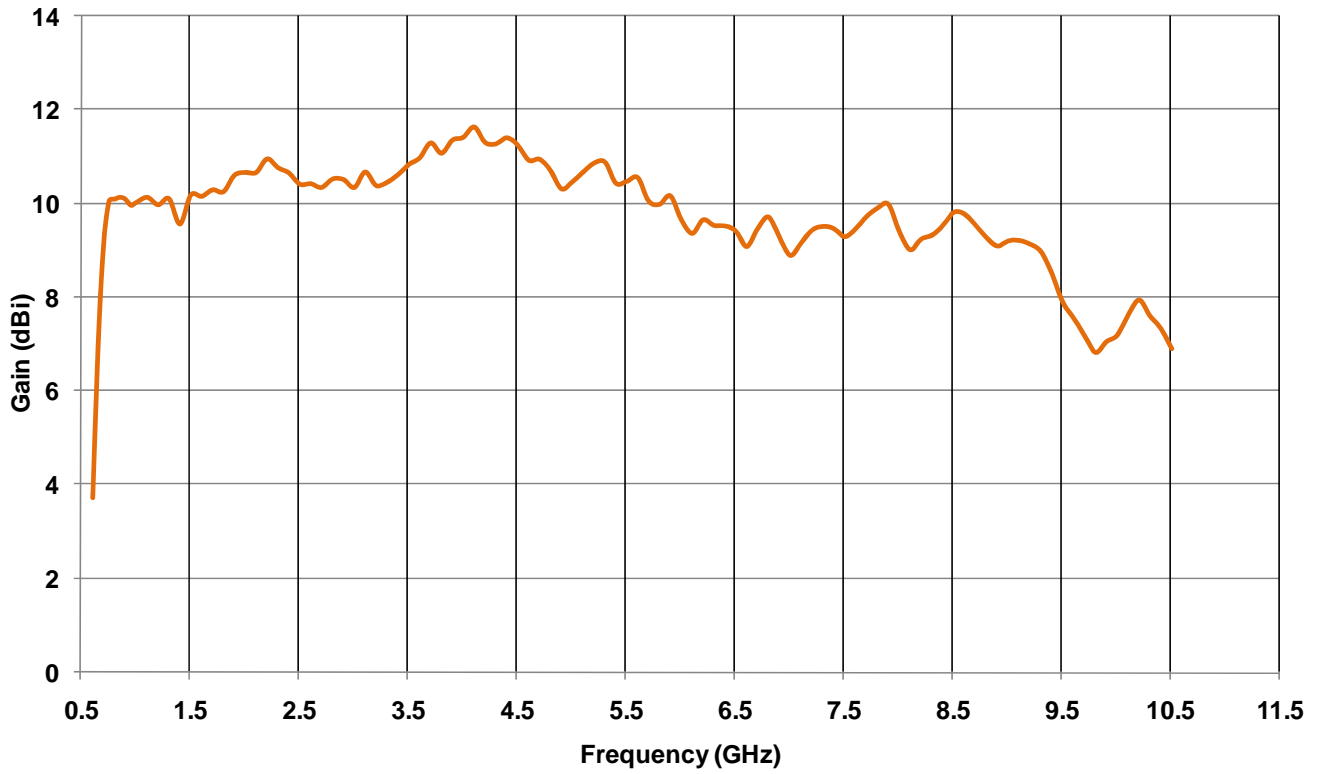
FREQUENCY RANGE	700 MHz–10.5 GHz
POWER INPUT (maximum)	See Curve
POWER GAIN (over isotropic)	See Curve
IMPEDANCE	50 ohms nominal
VSWR	
Typical.....	<1.5:1 to 7 GHz
	≤2.8:1 7 GHz to 10.5 GHz
BEAM WIDTH (average)	
E Plane	See Curve
H Plane	See Curve
FRONT TO BACK RATIO (minimum)	-15 dB
CONNECTOR	N(F) Precision
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)



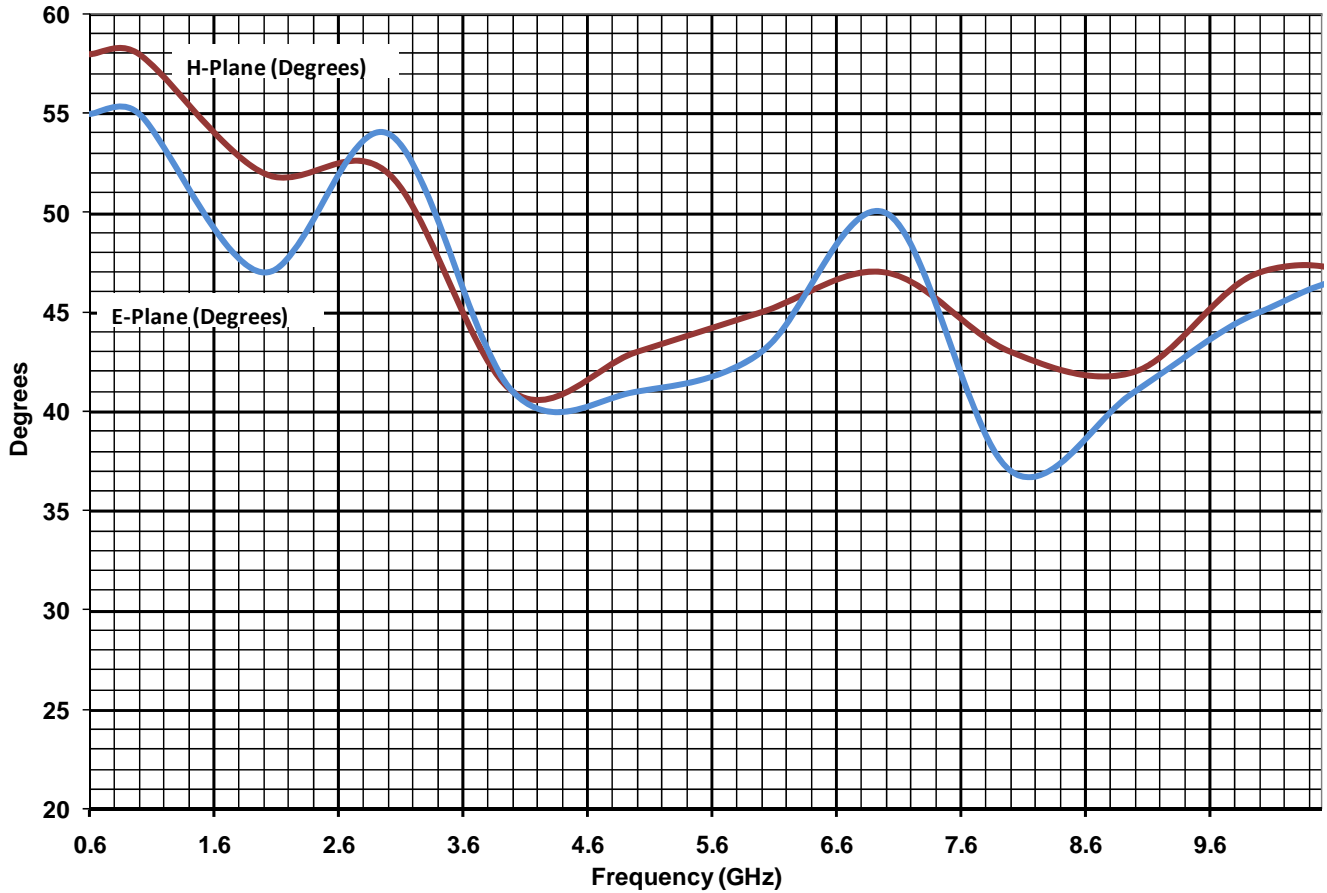
ATS700M11G INPUT POWER



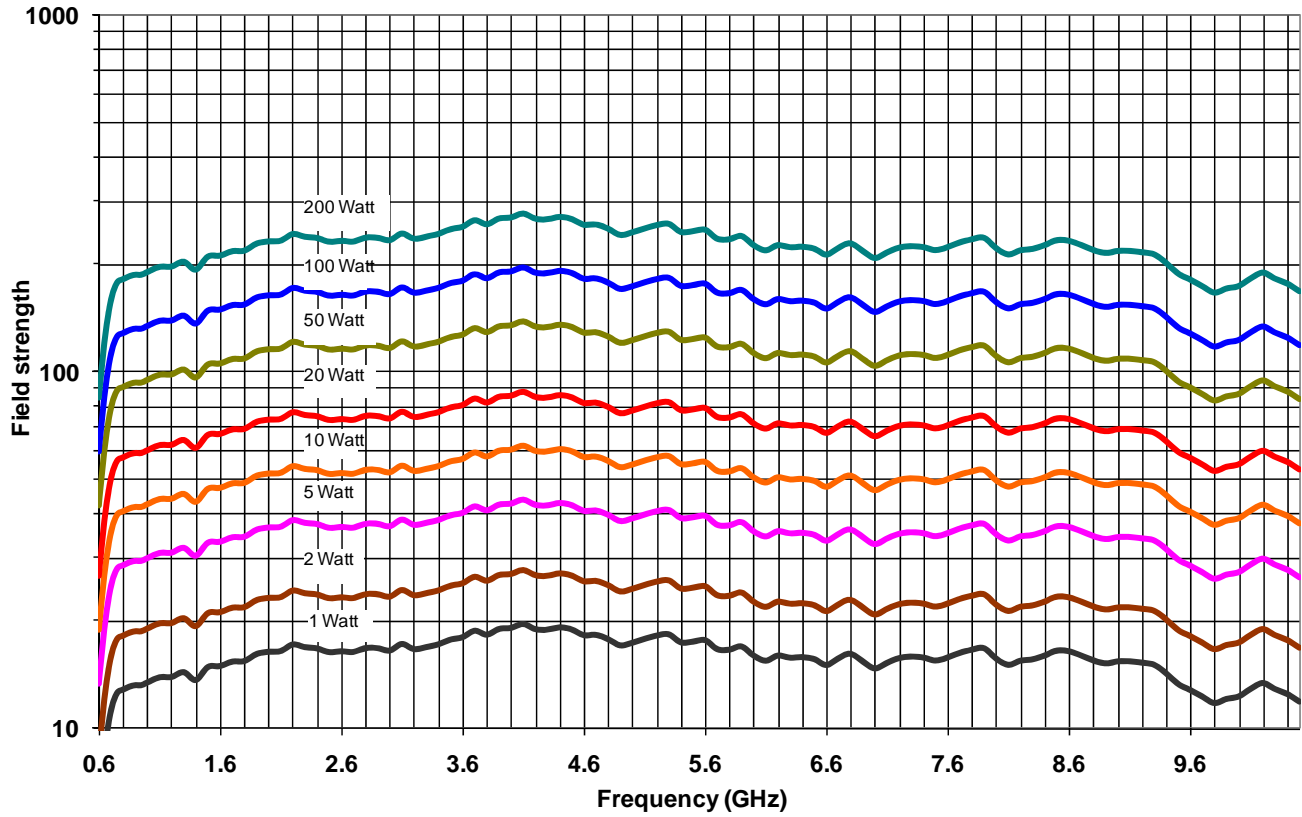
ATS700M11G GAIN



ATS700M11G 3dB BEAMWIDTH



ATS700M11G FIELD STRENGTH @ 1 METER



ATS700M11G FIELD STRENGTH @ 3 METERS

