



**Model ATH2G8  
Antenna  
2.5GHz–7.5GHz**

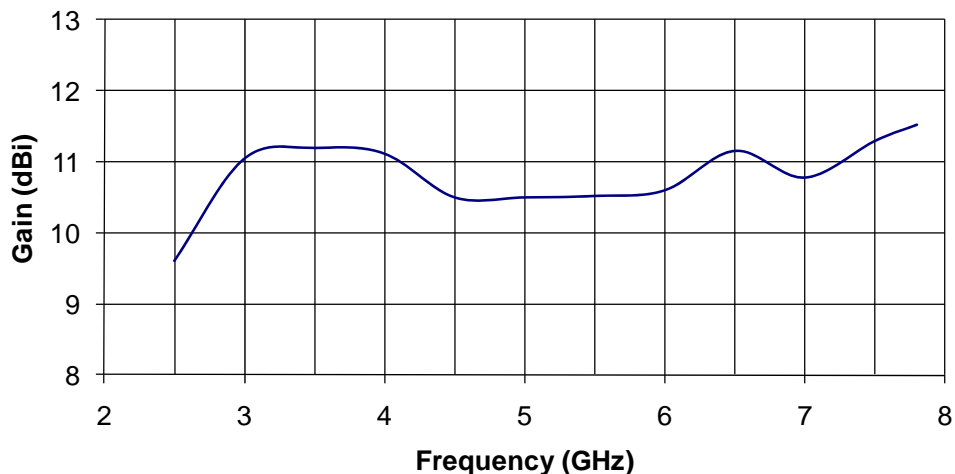
The Model ATH2G8 is a wide band, medium gain, high power microwave horn antenna that provides field intensities of up to 500 V/m. With a typical gain of 11dB over isotropic, the Model ATH2G8 supplies the high intensity fields necessary for RFI/EMI field testing within and beyond the confines of a shielded room. The Model ATH2G8 is compact and light weight for ready mobility, yet is built tough enough for the extra demands of outdoor use. Part of a family of microwave frequency antennas the Model ATH2G8 provides the 2.5-7.5GHz response required for many often used test specifications.

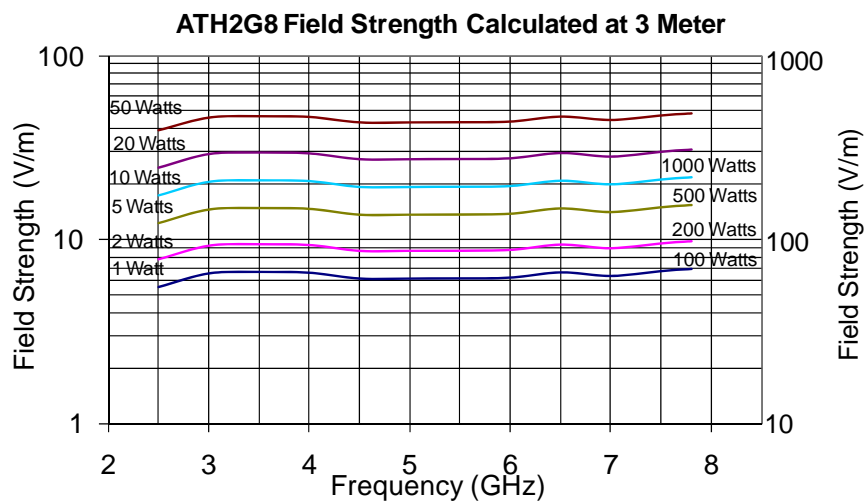
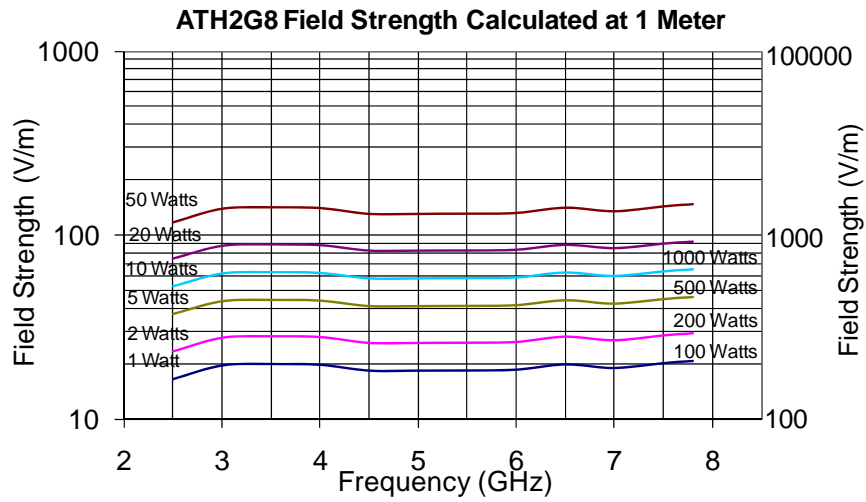
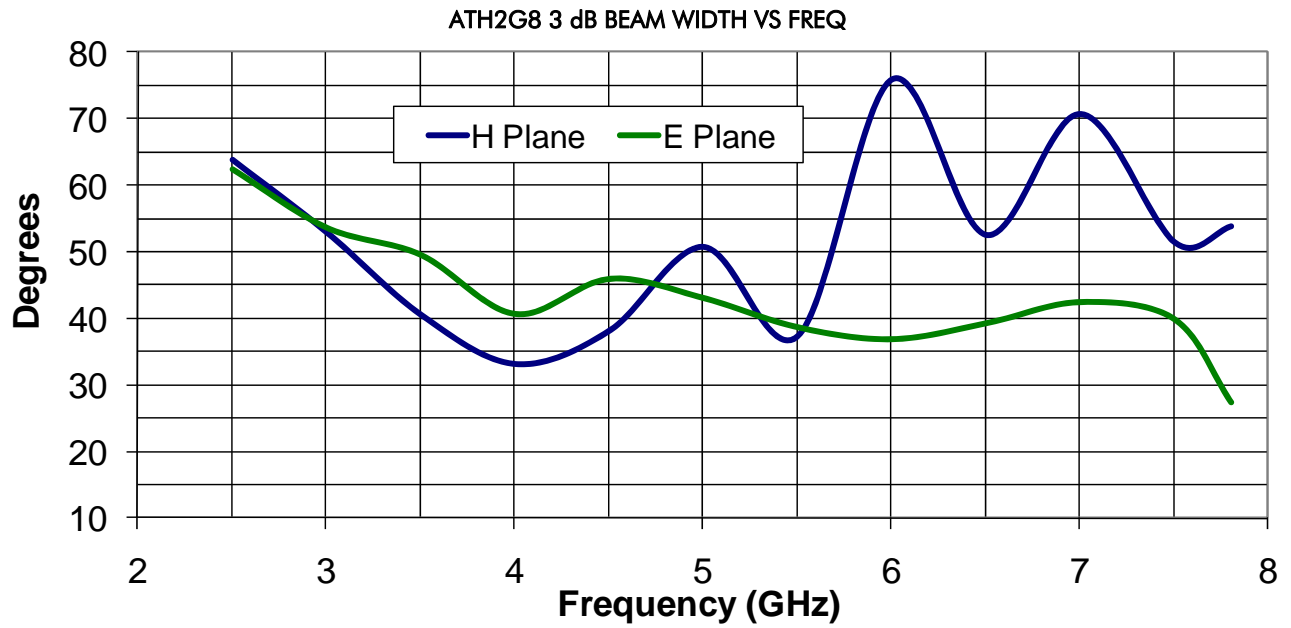
The ATH2G8 is ideally suited for use with the AR model 1000T2G8B and other high power amplifiers in this frequency and power range.

**SPECIFICATIONS**

FREQUENCY RANGE .....	2.5–7.5GHz
POWER INPUT (maximum) .....	2800 watts
POWER GAIN (over isotropic) .....	See Curve
VSWR	
Maximum .....	1.5:1
Average.....	1.3:1
BEAM WIDTH (average)	
E Plane .....	See Curve
H Plane .....	See Curve
CONNECTOR .....	WRD-250 D30 Waveguide
MOUNTING PROVISIONS.....	Waveguide flange
WEIGHT .....	0.6 kg (1.3 lbs)
SIZE (WxHxD).....	14.0 x 10.4 x 13.2 cm (5.5 x 4.1 x 5.2 in)

**ATH2G8 GAIN**





Field strengths have been measured in free-space conditions. Individual shielded rooms, amplifiers, and test-system conditions will influence performance. Field strength also varies with frequency and position of antenna and EUT in non-anechoic testing environments.