

Model ATH2G4 Antenna 2GHz–4GHz

The Model ATH2G4 is a high gain, high power microwave horn antenna. With a typical gain of 20dB over isotropic, the Model ATH2G4 supplies the high intensity fields necessary for DO160 HIRF testing. The Model ATH2G4 is light weight and mobile, yet is built tough enough for the extra demands of outdoor use and easily mounts on a tripod or mounting plate. Part of a family of microwave horn antennas, the Model ATH2G4 provides the 2-4 GHz response required for DO160 test specifications.

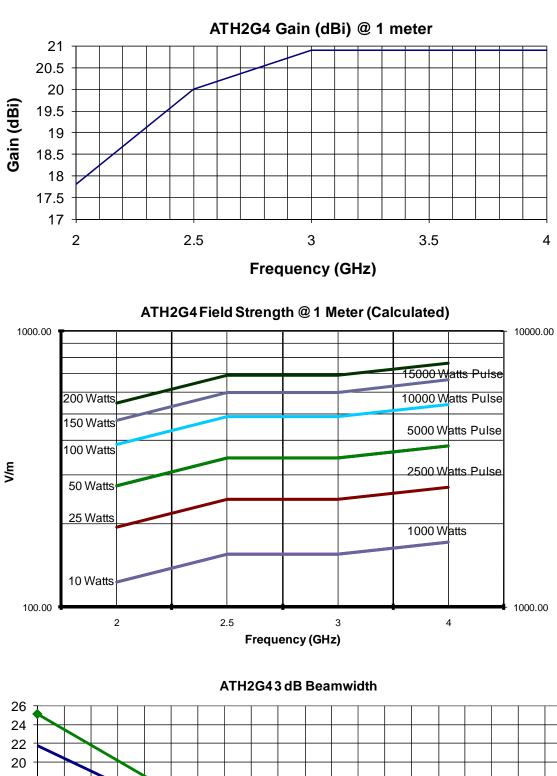
The ATH2G4 is ideally suited for use with the AR Model 13000TP2G4 and amplifiers in this frequency range.

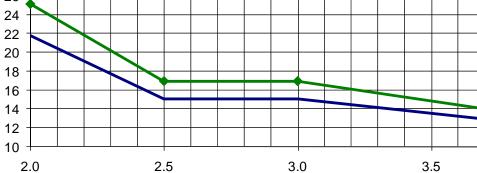
The ATH2G4 can also be custom calibrated to the user's requirement for use in RF emission testing. The calibrated model is designated by adding a 'CC' suffix to the model. Calibration details must be provided using Form 701. Contact factory for details.

The export classification for this equipment is EAR99. These commodities, technology or software are controlled for export in accordance with the U.S. Export Administration Regulations. Diversion contrary to U.S. law is prohibited.

SPECIFICATIONS

FREQUENCY RANGE	2-4 GHz
POWER INPUT Maximum Peak Pulse less than 20%	
POWER GAIN (over isotropic)	See Curve ±2 dB
VSWR Maximum Average	
BEAM WIDTH (average) E Plane H Plane	
CONNECTOR	7–16 DIN connector
MOUNTING PROVISIONS	Mounting pad on the E-plane and H-plane for tripod
WEIGHT	11.36 kg (25 lbs)
SIZE (WxHxD)	46.55 x 29.40 x 98.50 cm (19.00 x 12.00 x 40.20 in)





Degrees

Frequency (GHz)

4.0