



**Model ATH2G10
Antenna
2GHz–10GHz**

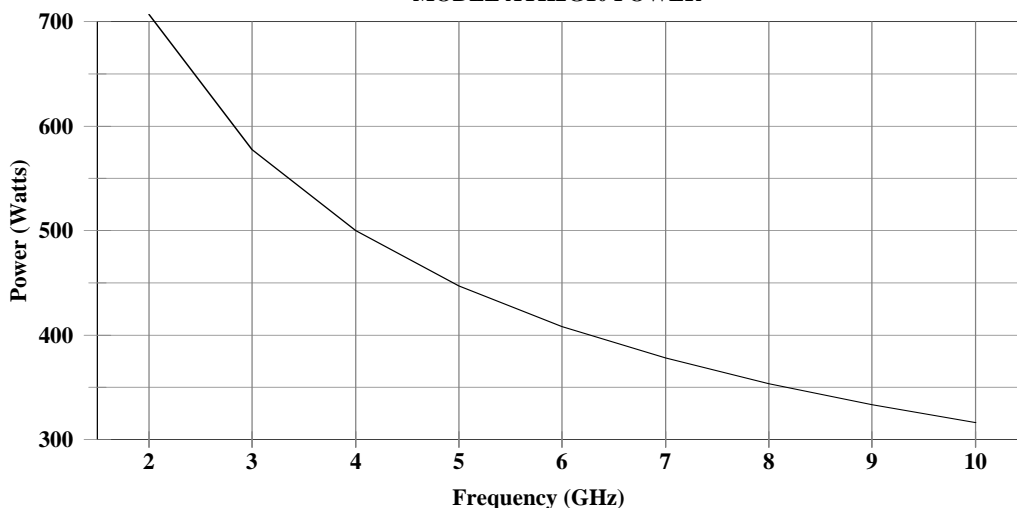
The Model ATH2G10 is a wide band, high gain, high power microwave horn antenna. With a minimum gain of 12dB over isotropic, the Model ATH2G10 supplies the high intensity fields necessary for RFI/EMI field testing within and beyond the confines of a shielded room. The Model ATH2G10 is extremely compact and light weight for ready mobility, yet is built tough enough for the extra demands of outdoor use and can be easily mounted utilizing the rear flange. Part of a family of microwave frequency antennas, the Model ATH2G10 provides the 2–10 GHz response required for many often used test specifications.

The ATH2G10 is ideally suited for use with the AR Models 1S4G11, 5S4G11, 10S4G11A, 20S4G11A, 300T2G8M3 and other high power amplifiers in this frequency and power range.

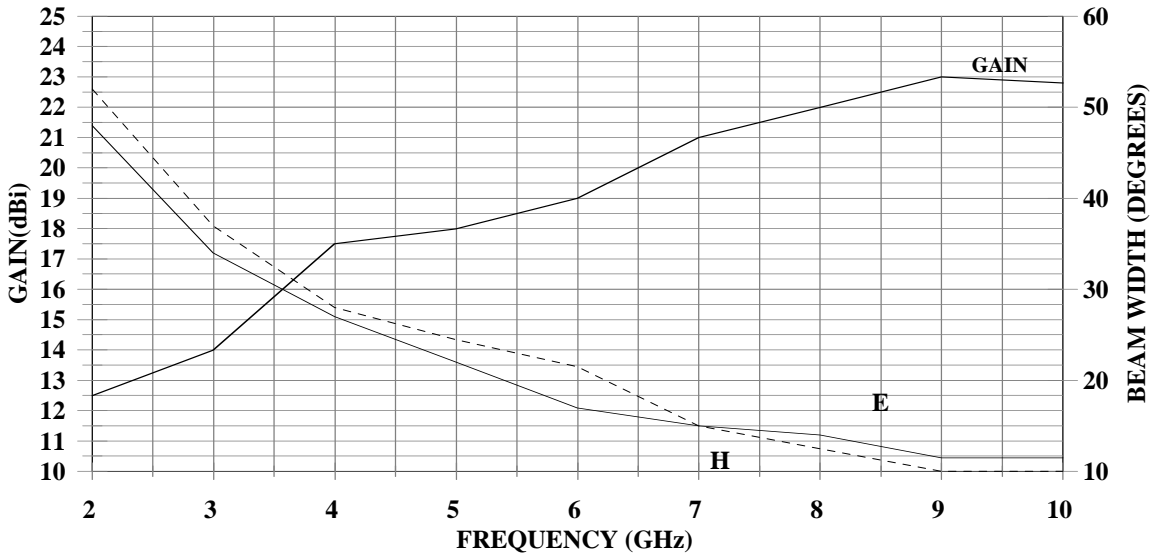
SPECIFICATIONS

| | |
|-----------------------------------|---|
| FREQUENCY RANGE | 2–10 GHz |
| POWER INPUT (maximum) | See Graph |
| POWER GAIN (over isotropic) | See Graph |
| VSWR | |
| Maximum | 2:1 |
| Average..... | 1.5:1 |
| BEAM WIDTH (average) | |
| E Plane | See Graph |
| H Plane | See Graph |
| CONNECTOR | N (F) |
| MOUNTING PROVISIONS..... | Mounting pads on two adjacent sides for tripod and rear flange. May also be tripod-mounted in two perpendicular planes using optional tripod. |
| WEIGHT (maximum) | 1.59 Kg (3.5 lb) |
| SIZE (WxHxD)..... | 22.9 x 17.8 x 31.75 cm (9 x 7 x 12.5 in) |

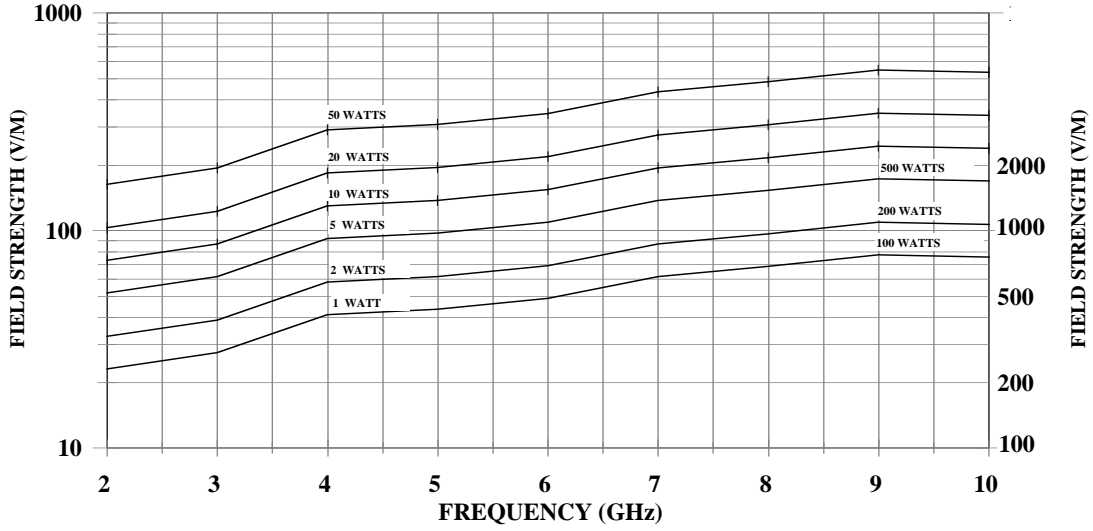
MODEL ATH2G10 POWER



ATH2G10 GAIN & 3dB BEAM WIDTH VS FREQ



FIELD STRENGTH MEASURED AT 1 METER



FIELD STRENGTH MEASURED AT 3 METERS

