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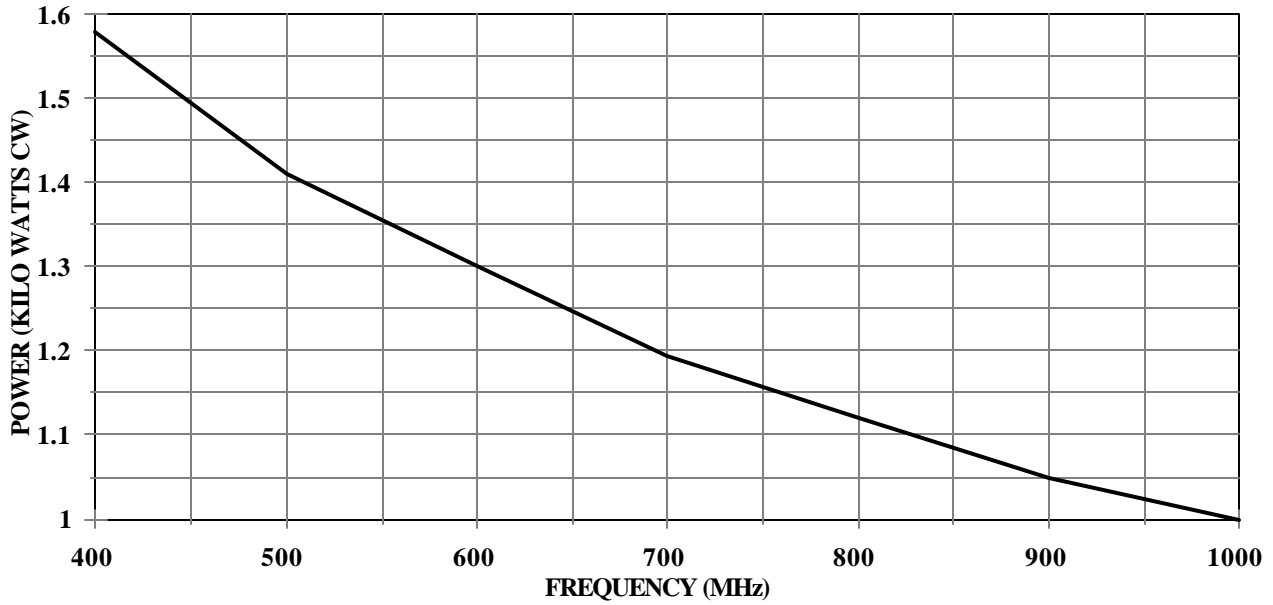
**Model AT4001**  
**ANTENNA**  
**400 – 1000 MHz**

The Model AT4001 is a high gain horn antenna specially designed for use in RF Susceptibility Testing. Its high gain characteristics permit achievement of higher electric fields per watt of input power. Exhibiting generally increasing gain with increasing frequency, the AT4001 helps compensate for losses that occur elsewhere in an RF test system at high frequencies. The Model AT4001 is intended for use with the 1000W1000 and other high power amplifiers.

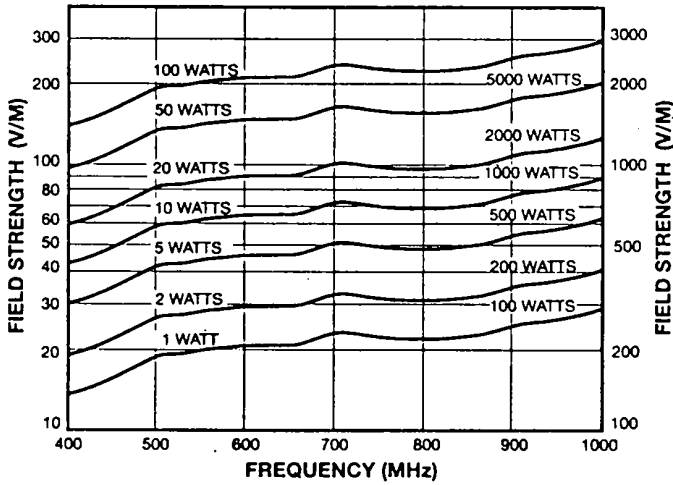
*Specifications*

<i>FREQUENCY RANGE</i> .....	<i>400-1000 MHZ</i>
<i>POWER INPUT</i> .....	<i>See Graph</i>
<i>POWER GAIN</i> .....	<i>10 dB minimum typically increasing to 15 dB at 1000 MHz</i>
<i>IMPEDANCE</i> .....	<i>50 ohms nominal</i>
<i>VSWR</i> .....	<i>2.5:1 maximum 1.5:1 average</i>
<i>BEAMWIDTH (Front to Back)</i> .....	<i>Typical curves available on request</i>
<i>CONNECTOR</i> .....	<i>Type C female Adapter C(M)/N(F) included</i>
<i>MOUNTING PROVISIONS</i> .....	<i>Rear flange for wall mount Pads with 1/4- 20 thread for tripod mount</i>
<i>WEIGHT (maximum)</i> .....	<i>9.1 kg (20 lbs)</i>
<i>DIMENSIONS (W x H x D)</i> .....	<i>56.4 x 79.3 x 73.7 cm 22.2 x 31.2 x 29.0 in</i>

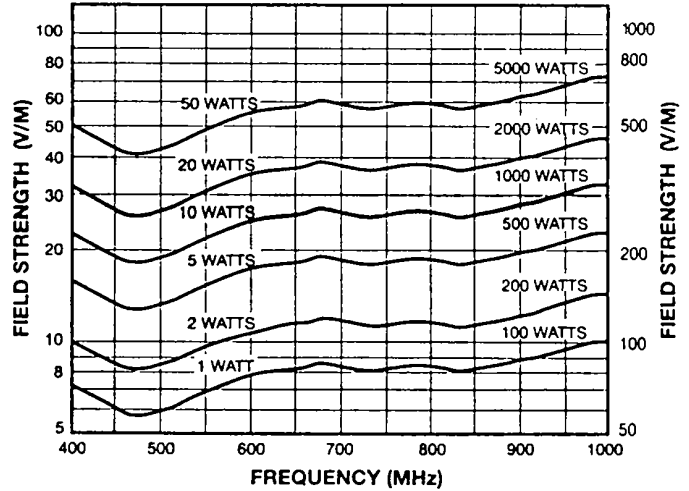
### Model AT4001



**FIELD STRENGTH  
MEASURED AT 1 METER**



**FIELD STRENGTH  
MEASURED AT 3 METERS**



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.