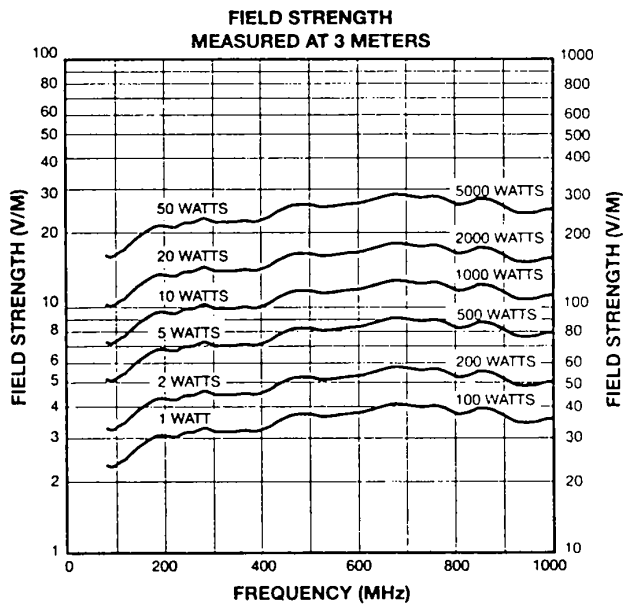
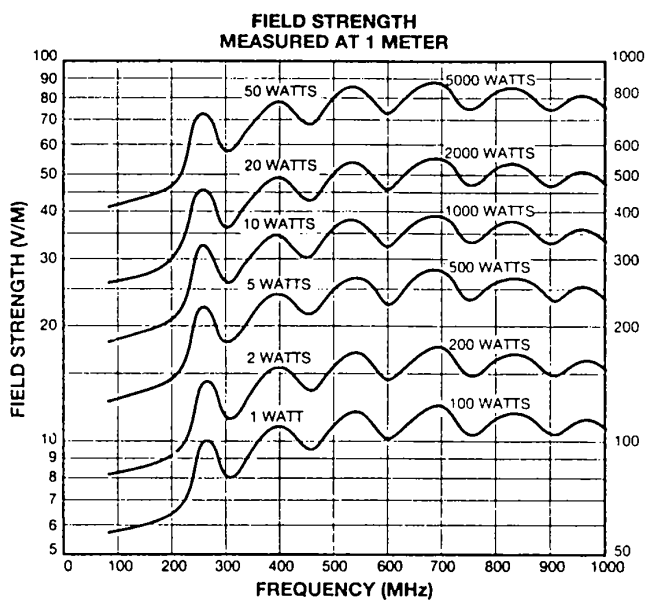
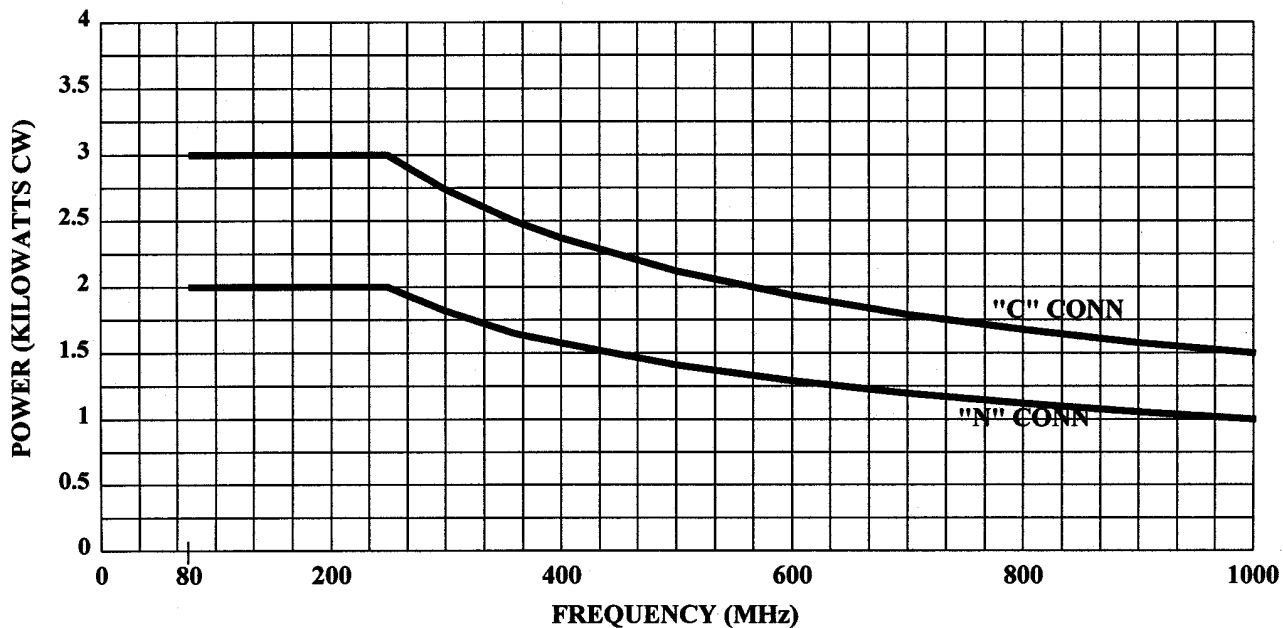


The Model AT1080 is a wide band, high-gain, log periodic antenna that provides field intensities of up to 500 V/M. With an average gain of 7.5 dB over isotropic and gain flatness of ± 1 dB, the Model AT1080 supplies the constant, high-intensity fields necessary for RFI/EMI field testing within and beyond the confines of a shielded room. It can also be used as a receiving antenna for RF emissions testing. The Model AT1080 is compact and lightweight for ready mobility, yet is built tough for the extra demands of outdoor use and easily mounts on a flat surface or tripod. Similar to our popular Model AT1000 the Model AT1080 provides the lower frequency response required for many often used test specifications.

*SPECIFICATIONS
MODEL AT1080*

<i>FREQUENCY RANGE</i>	<i>80 - 1000 MHz</i>	
<i>POWER INPUT (maximum)</i>	<i>See Graph</i>	
<i>POWER GAIN (over isotropic)</i>	<i>6.5 dBi minimum</i>	
.....	<i>7.5 dBi average</i>	
<i>GAIN FLATNESS</i>	<i>± 1.0 dB</i>	
<i>IMPEDANCE</i>	<i>50 ohms nominal</i>	
<i>VSWR</i>		
<i>Maximum</i>	<i>1.8:1</i>	
<i>Average</i>	<i>1.5:1</i>	
<i>BEAM WIDTH (average)</i>		
<i>E Plane</i>	<i>60°</i>	
<i>H Plane</i>	<i>105°</i>	
<i>FRONT TO BACK RATIO (minimum)</i>	<i>15 dB</i>	
<i>CONNECTOR</i>	<i>Type N female (quick change) standard; Type C female also supplied (for operation at full rated input power)</i>	
<i>MOUNTING PROVISIONS</i>	<i>Wall bracket included. May also be tripod mounted in two perpendicular planes using optional tripod. Also included are two non-metallic masts 20 inches and 36 inches long for vertical mounting.</i>	
<i>WEIGHT</i>	<i>7.7 kg (17 lb)</i>	
<i>SIZE (WxHxD)</i>	<i>Assembled</i>	<i>193.0 x 13.0 x 160.0 cm</i>
.....		<i>76.0 x 5.1 x 63.0 in</i>
.....	<i>Unassembled</i>	<i>95.2 x 13.0 x 160.0 cm</i>
.....		<i>37.5 x 5.1 x 63.0 in</i>

POWER VS. FREQUENCY



Note: Curves above 1000 and 2000 watts do not apply past power-frequency limits of the antenna.