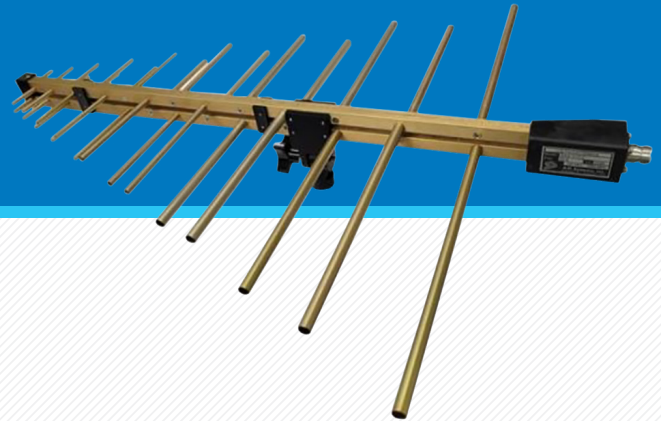


MODEL NUMBER:  
**LPA2G**

**LOG PERIODIC ANTENNA**  
 290 MHZ – 2 GHZ



This directional Log Periodic Antenna is an ideal solution for radiated emissions and normalized site attenuation.

**SPECIFICATIONS**

Frequency Range	290 MHz - 2000 MHz
Antenna Factor	14 - 32 dB
Gain	6.5 dBi
Maximum Continuous Power	1000 Watts
Maximum Radiated Field	200 V/m
Pattern Type	directional
3dB Beamwidth (E-Field)	45°
3dB Beamwidth (H-Field)	100°
Impedance	50 Ω
VSWR	:1.45:1 typ. (2.2:1 max)
Connector	N-Type, Female
Mounting Base	¼ x 20 Thread, Female

**FEATURES**

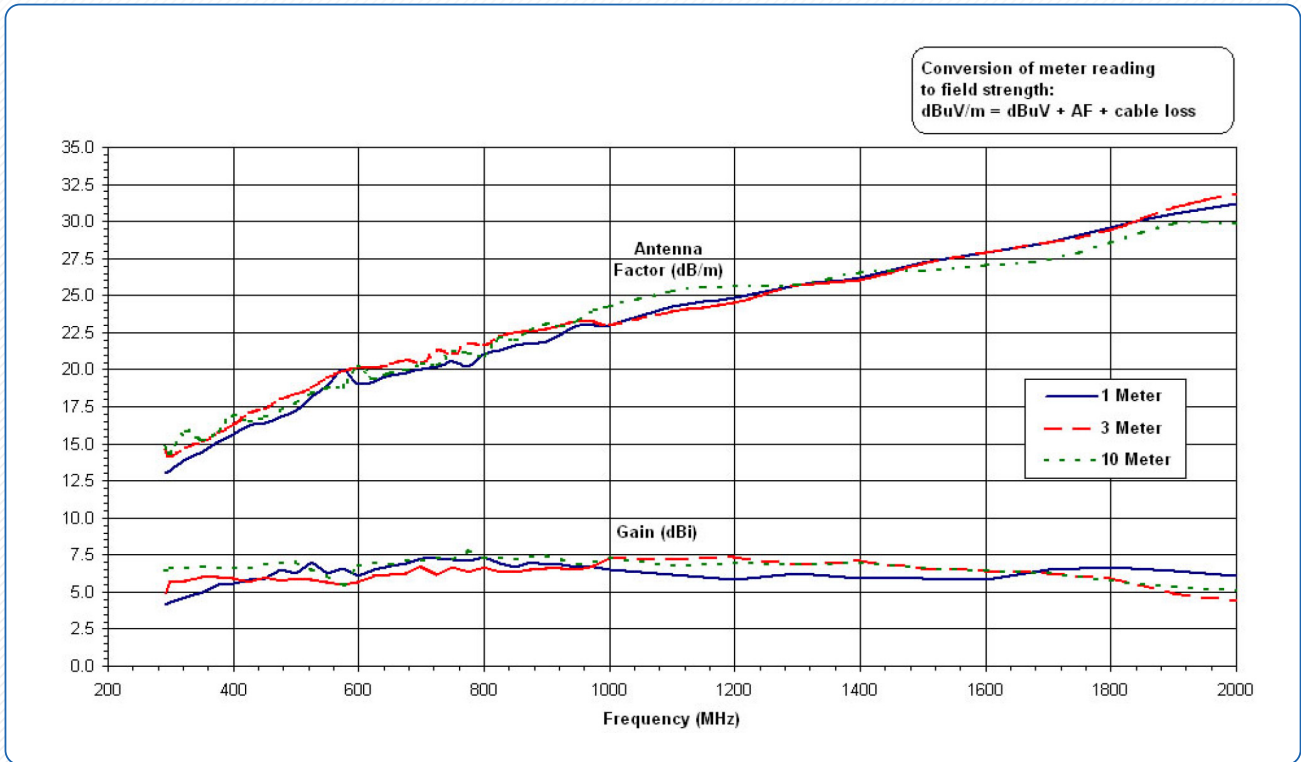
- Frequency Range of 290 MHz to 2000 MHz
- Receive and Transmit
- Individually Calibrated (1, 3 and 10 Meter calibration included, horizontal polarization)
- Rugged Construction
- Three Year Warranty

This Log Periodic Antenna is the standard workhorse of any EMC compliance test house. The LPA2G has an excellent cross-polarization property that is required per CISPR 16-1 and greatly reduces measurement uncertainty. This Log Periodic Antenna is an ideal solution for radiated emissions and normalized site attenuation. Constructed of lightweight aluminum, this directional Log Periodic Antenna has been manufactured to ensure maximum gain, low VSWR and high-power handling capabilities.

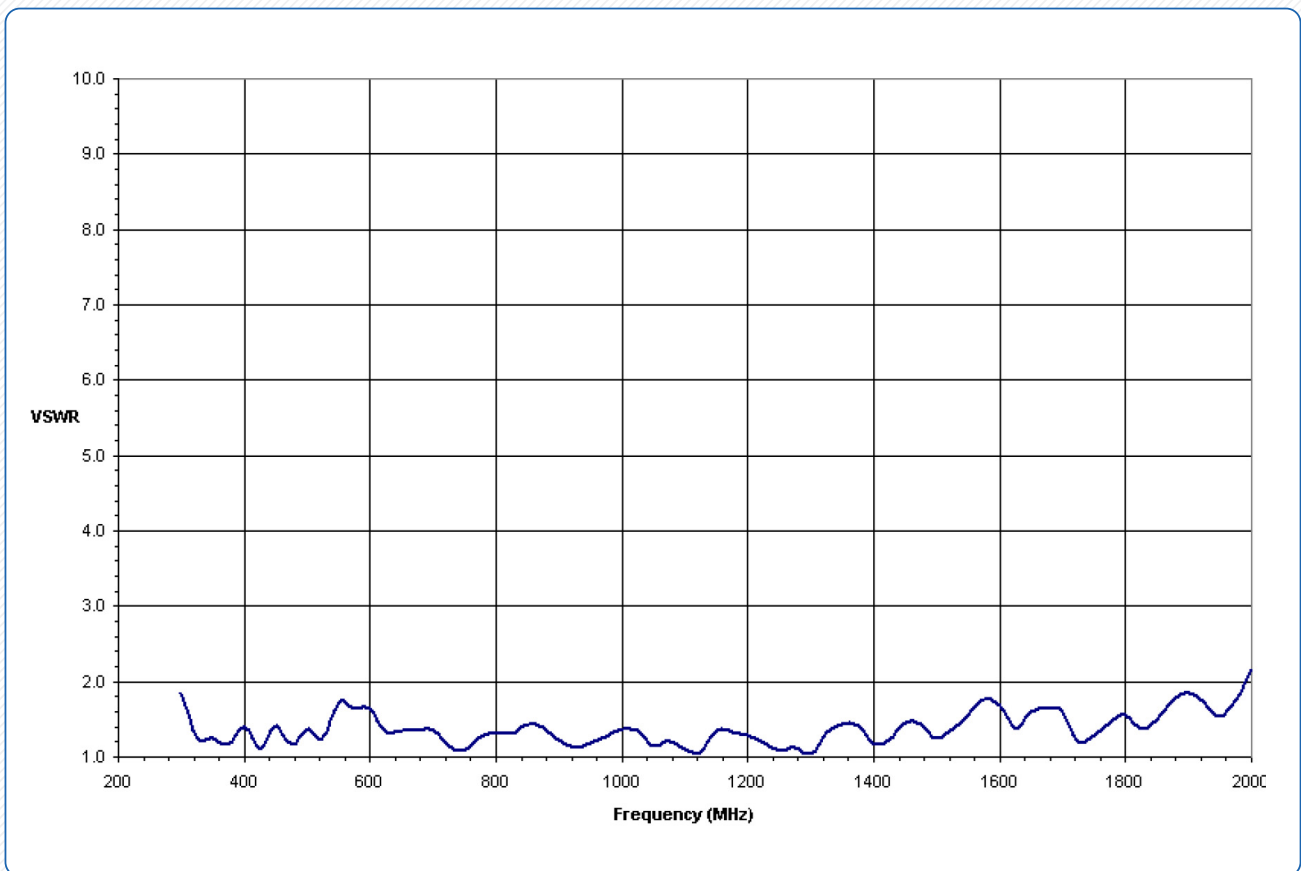
**RECOMMENDED ACCESSORIES**

- ATU-510 (Antenna Tripod, Wooden)
- AEH-510 (Azimuth and Elevation Head)
- PAM-0202 (30 dB Preamp)

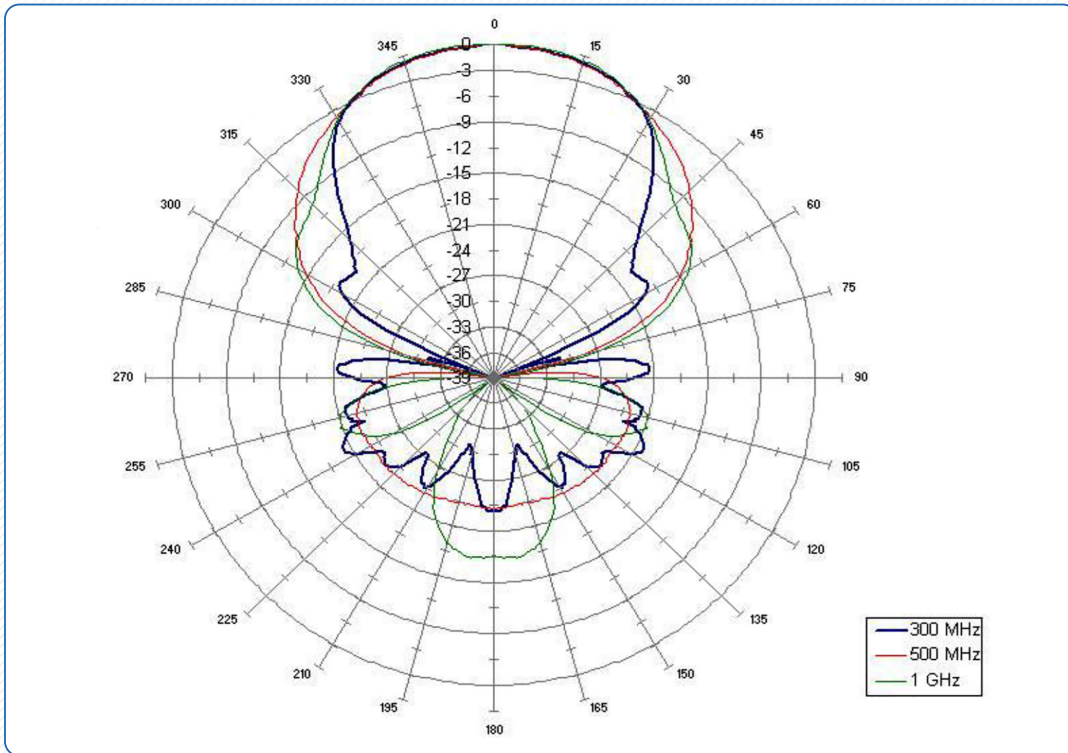
## ANTENNA DATA LOG PERIODIC



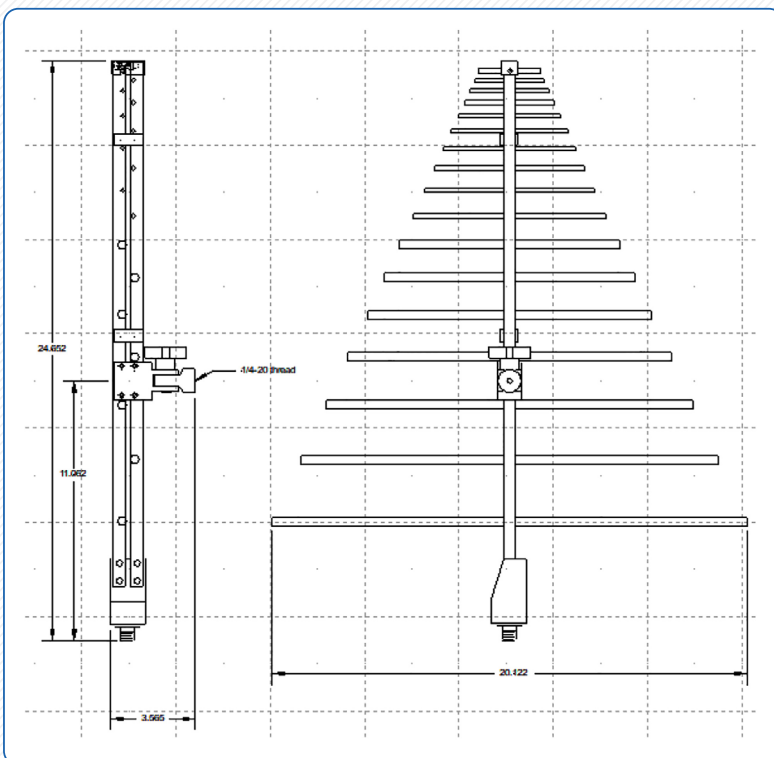
## VSWR LOG PERIODIC ANTENNA



## ANTENNA BEAMWIDTH HORIZONTAL POLARIZATION



## OUTLINE DRAW



## PHYSICAL DIMENSIONS

Length	24.7 in. (62.7 cm)
Width	20.1 in. (51.1 cm)
Weight	1.4 lb.'s (0.64 kg)

Information presented in this datasheet was current at the time of publication. The EMC Shop, LLC continual product improvement makes it necessary to reserve the right to change our electrical and mechanical specifications without notice

