

Applications

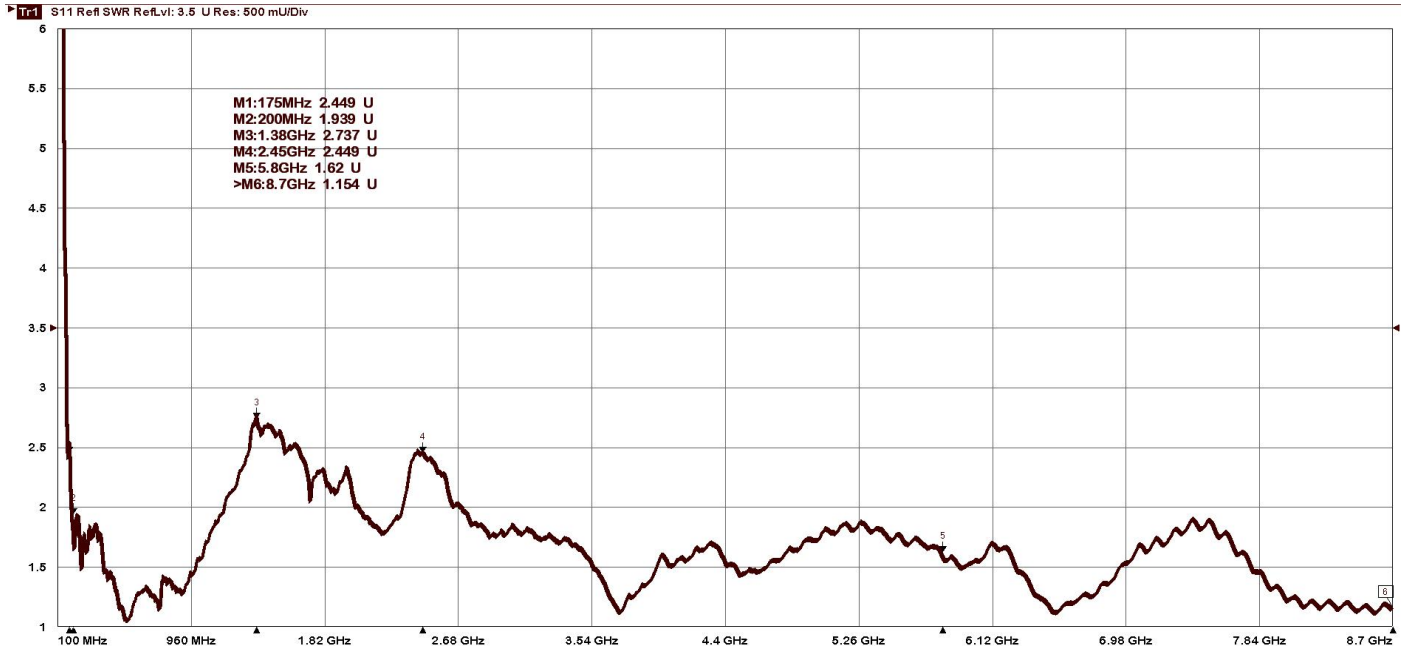
- High Power Jamming Antenna with extended frequency range
- High Power Communication Antenna
- Designed for High Performance at 200 Watt Continuous Power (%100 duty cycle) for 200-6000 MHz & at 100 Watt Continuous Power (%100 duty cycle) for 6000-8700 MHz
- Vehicle Antenna
- Ultra Wideband Monitoring Antenna
- Fixed-Site Antenna

Specifications

Frequency Band and VSWR (Dependent on ground plane dimensions)	<u>Over 1X1 m² ground plane:</u> 175-8700 MHz ≤ 2.8:1 200-400 MHz ≤ 2.1:1 <u>Without a ground plane</u> 260-8700 MHz ≤ 3.0:1
Nominal Impedance	50 ohm
Power Rating	200-6000 MHz: 200 Watt Continuous 6000-8700 MHz: 100 Watt Continuous
Antenna Gain	0-5 dBi depending on the frequency
Connector	N-Female
Antenna Radiation Pattern	Omni-directional
Polarization	Vertical (Linear)
Radome	Plastic Radome
Dimensions	34 cm (Height) X 21 cm (Diameter)
Colour	Black
Mounting	See Technical Drawing
Vibration	MIL-STD-810H, Method 514.8 Category 4 Composite Wheeled Vehicle Vibration Exposure Levels According to Figure 514.8C-6 and Table 514.8C-VII



VSWR Measurement Over 1 meter X 1 meter ground plane



VSWR Measurement without a ground plane



VWBO-2008700
200-8700 MHz Omnidirectional
Wideband Antenna

