

VWBO-4006000
400-6000 MHz Omnidirectional
Wideband Antenna

Applications

- High Power Jamming Antenna
- Counter Drone Antenna (also called as “Anti Drone Antenna”)
- Counter UAV Antenna (also called as “Anti UAV Antenna” or “C UAV Antenna”)
- Counter UAS Antenna (also called as “Anti UAS Antenna” or “C UAS Antenna”)
- Counter RCIED Antenna (also called as “Counter IED Antenna”)
- High Power Communication Antenna
- Wideband Monitoring Antenna
- Fixed-Site Ground Based, Fixed-Site Mobile (Vehicle Antenna), UAV-Based, Handheld
- Lightweight Antenna (0.5 kg)

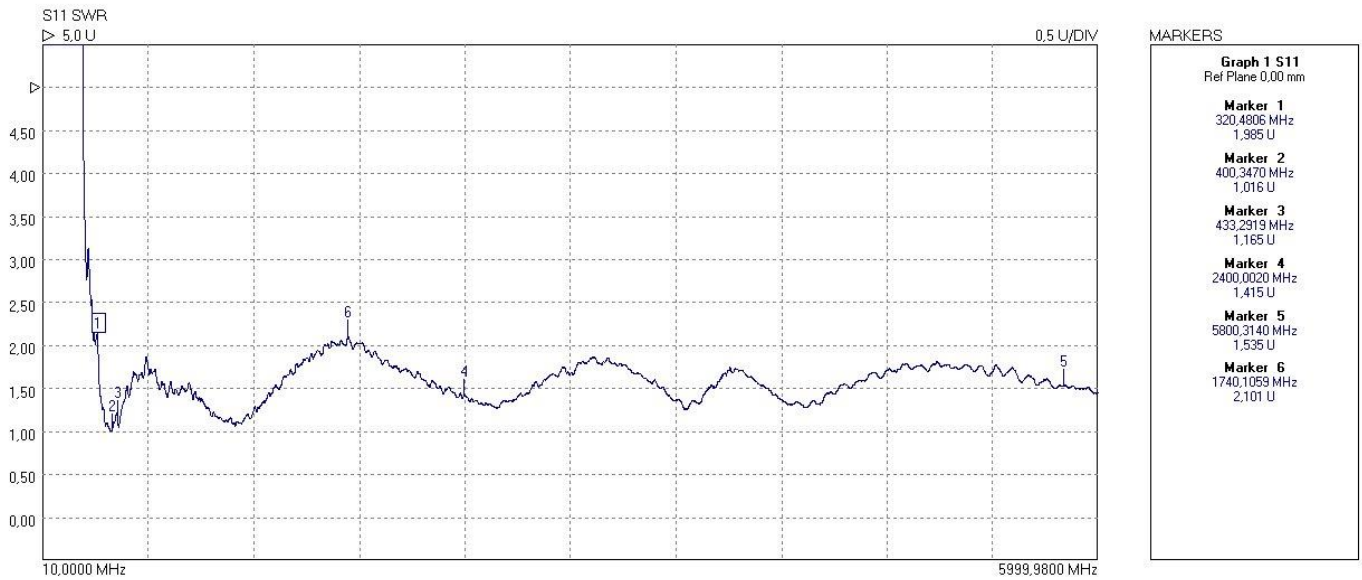
Specifications

Frequency Band and VSWR	<u>Over 1X1 m² ground plane:</u> 330-6000 MHz ≤ 2.5:1
(Dependent on ground plane dimensions)	<u>Without a ground plane</u> 420-6000 MHz ≤ 3.0:1 475-6000 MHz ≤ 2.5:1
Nominal Impedance	50 ohm
Power Rating	200 Watt Continuous (Tested)
Antenna Gain	0-5 dBi depending on the frequency
Connector	N-Female
Radiation Pattern	Omni-directional
Polarization	Vertical (Linear)
Radome	Plastic Radome
Dimensions	20 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

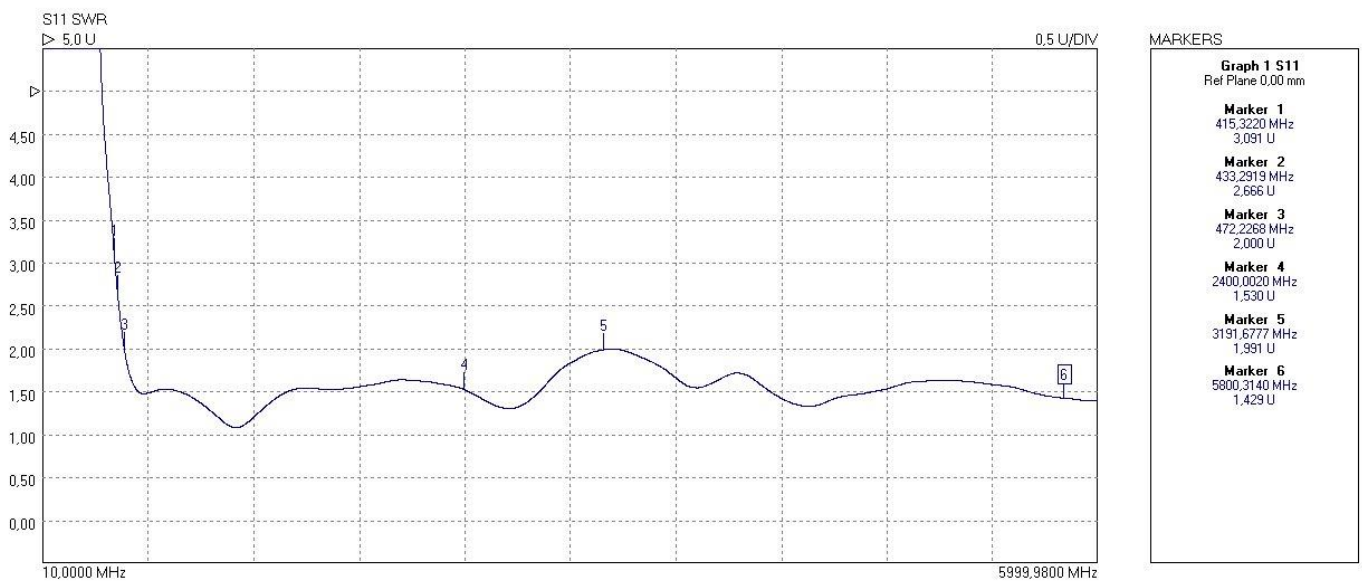


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VSWR Measurement Over 1 meter X 1 meter ground plane



VSWR Measurement without a ground plane



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