WB-5600S

Part # 1000-2174-201

Designed for high performance, up to 200 W

Effective operation in the UHF/SHF bands up to 6 GHz

500-6000 MHz UHF/SHF Vehicle Jamming Antenna

The WB-5600S antenna is a wideband vehicle antenna with an frequency bandwidth of 500-6000 MHz and works ground plane independently. This antenna is well suited for communication and jamming applications in the UHF/SHF bands up to 6 GHz.

Specifications

Electrical

Frequency Range	500-6000 MHz
VSWR	≤ 3.0:1
Gain	(See measured patterns on pg 2)
Polarization	Nominally Vertical
Power Rating (RMS)	500-1000 MHz : 200 W 1000-2000 MHz : 150W 2000-4000 MHz: 100 W 4000-6000 MHz : 80 W
Nominal Impedance	50 Ω
Radiation Pattern	Omnidirectional

Mechanical

RF Connection	Type 'N' Female (1 each)
Radiator	Radome protected
Mounting	4 holes (.41") on 4.5" Bolt Circle & 3/6 NATO pattern mount
Height	15.55 inches (395 mm)
Weight	5 lbs (2.1 kg)
Standard Color	Black / Olive Green

COJOT® TECHNOLOGY

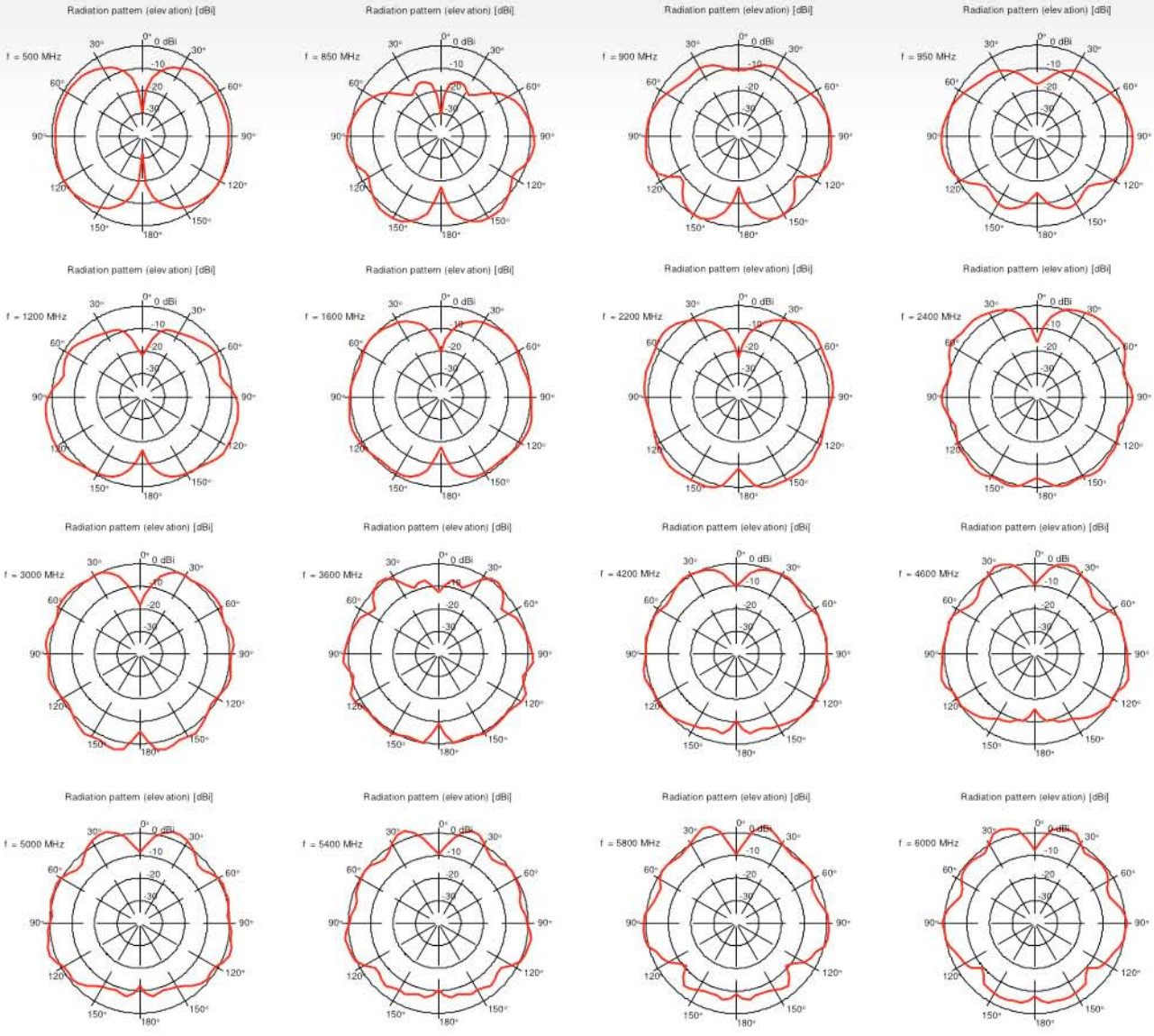
ANTENNA PRODUCTS

ANTENNAPRODUCTS.COM | 940-325-3301

WB-5600S

Part # 1000-2174-201

Measured free space radiation patterns and VSWR response with the antenna mounted in a no ground plane environment:

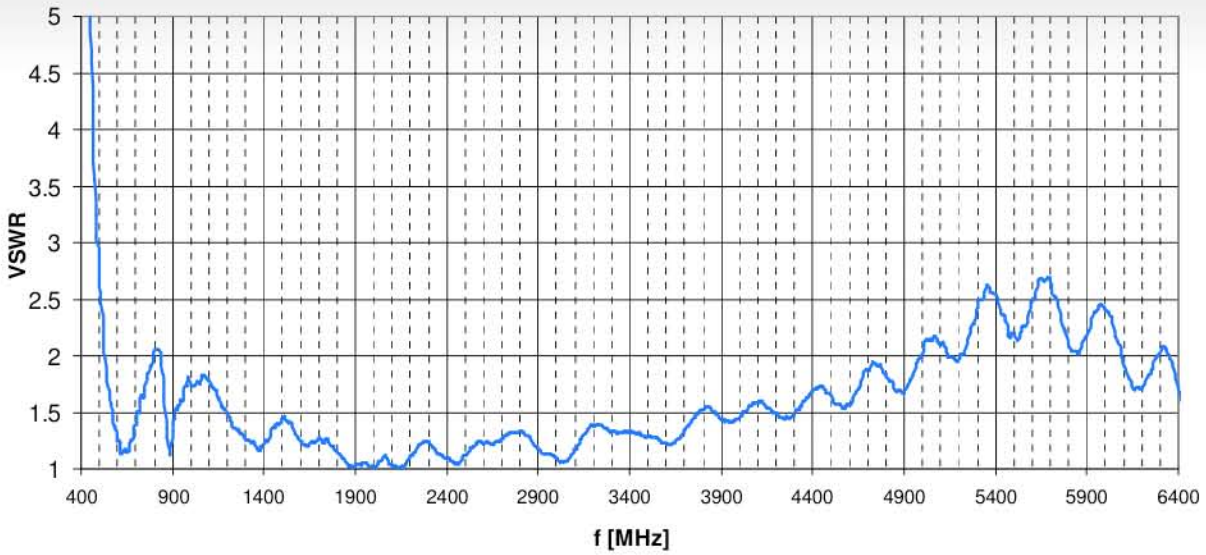


COJOT® TECHNOLOGY

WB-5600S

Part # 1000-2174-201

For perfect operation there should be free space around the antenna.



Environmental Specifications

Temperature	
*Operating	-40° C to +71° C
*Storage	-40°C to +85°C
Humidity	MIL-STD-810E Method 507.3 Procedure III (cycle with extreme at 95% RH, +60° C)
Shock	MIL-STD-810F, Method 516.5 Procedure I (terminal peak sawtooth shock pulse, peak 40 g, duration 11 ms, three shocks each of three orthogonal axes in both positive and negative direction)
Radome Vibration	MIL-STD-810, Method 514.5 Category 24 – All material-minimum integrity test, exposure levels according to Figure 514.5C-17
Blowing Rain	MIL-STD-810F Method 506.4 Procedure I(rainfall rate 150 mm/h, wind speed 30 m/s)
Water Immersion	MIL-STD-810F Method 512.4 Procedure I (depth 1 m)
Wind Speed	118 mph (190 km/h)

COJOT® TECHNOLOGY