

UV Guide

VHF UHF Antenna

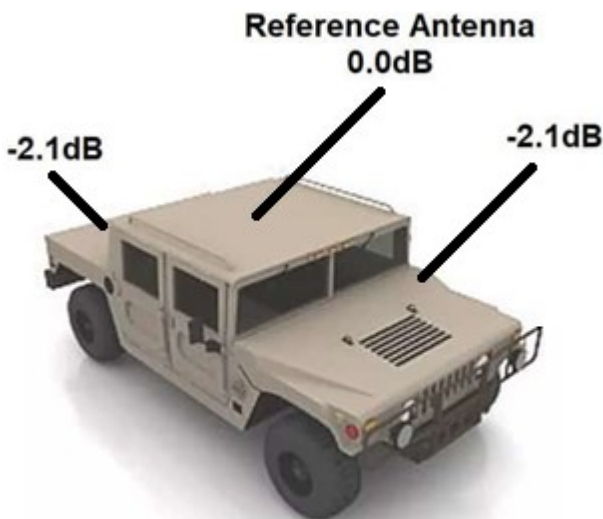
Specifications

<u>FREQUENCY/GAIN/SWR</u>	<u>RF & ELECTRICAL</u>	<u>PHYSICAL</u>
Amateur Radio Frequencies: 144-148MHz and 420-450MHz Frequency/Gain: • 144MHz 3.5dBi, • 220MHz 4dBi, • 430MHz 5.5dBi, and • 900MHz 6.8dBi Coax/Connector: 14 feet 9 inch, 95% Shielded RG58 A/U Coax with PL-259 connector	Impedance: 50 Ohms Maximum Power: 150 Watts Polarization: Vertical Minimum Elevation Beam Width: 30° Azimuth Patterns: Omni ±1dB Elevation Beam Maximum Location: Horizon ±10°	Operational Conditions: 100 mph with ½" radial ice Antenna Weight (Approximate): 1.8 lb Antenna element Size: 38" Long, 0.124" nominal O.D. Mount: 4.75-inch Magnet Ground plane: Required Minimum Isolation: None req.

Assembly/Deployment

Deployment

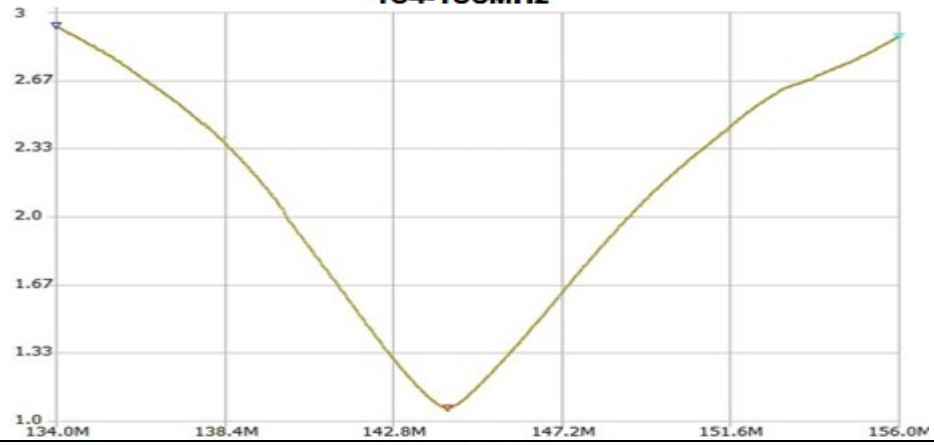
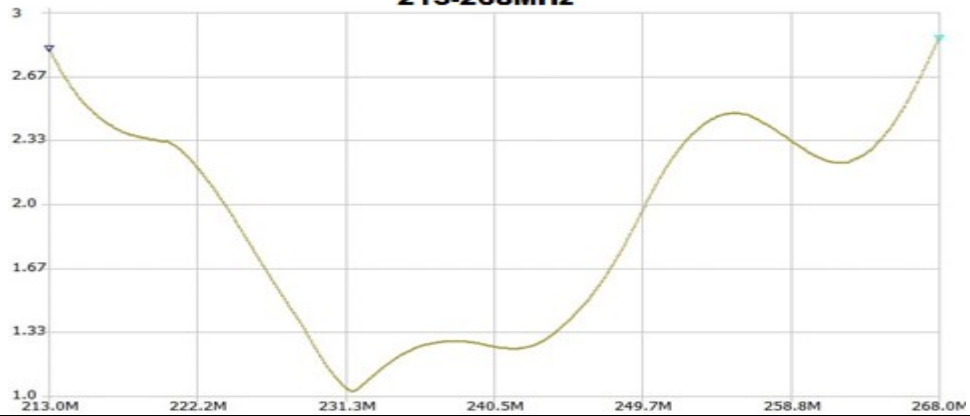
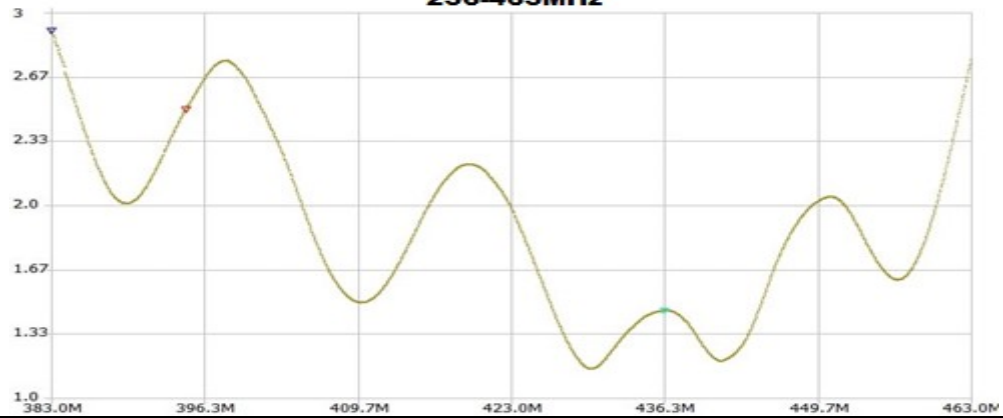
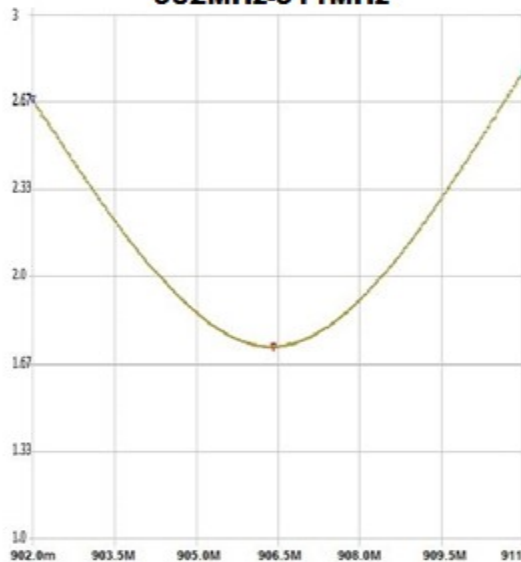
The UV Mobile Antenna can be placed on any metal surface using the built-in magnetic mount. The coax included should then be connected to your VHF UHF transceiver. Placement can affect performance as indicated in the following depiction.



Visual Representation

α ALPHA®



134-156MHz**213-268MHz****236-463MHz****902MHz-911MHz****923-933MHz**