

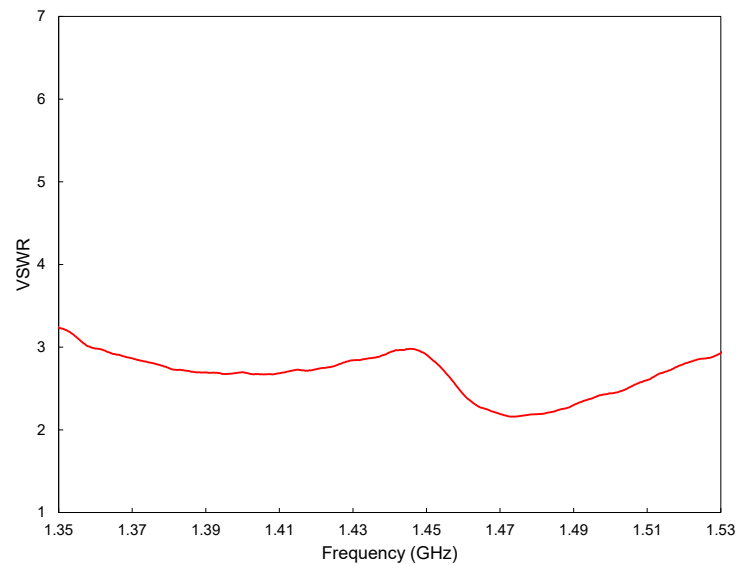
Dual Polarized MANET Vehicle Antenna – L-band



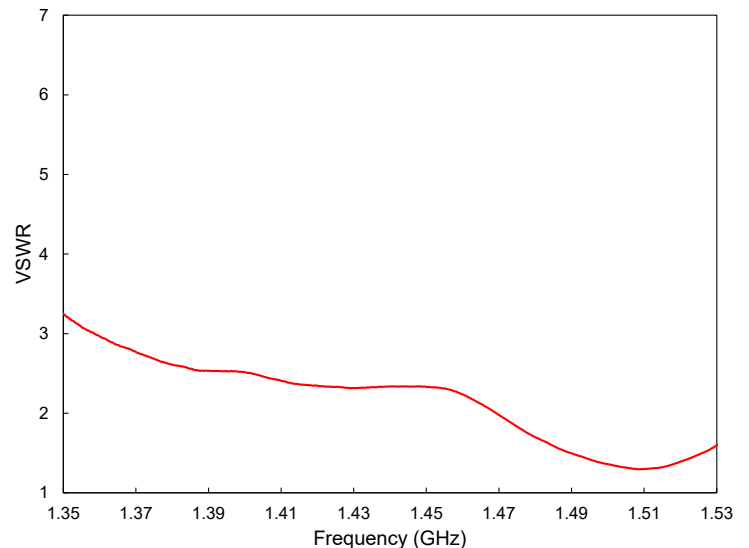
Features

- 1350 – 1525 MHz operation
- Dual-polarity in single enclosure
 - Orthogonal Vertical and Horizontal polarization feeds
- Provides polarization diversity for MIMO Systems
- Suitable for tactical ground vehicles
- Base includes spring

VSWR – Horizontal Polarization



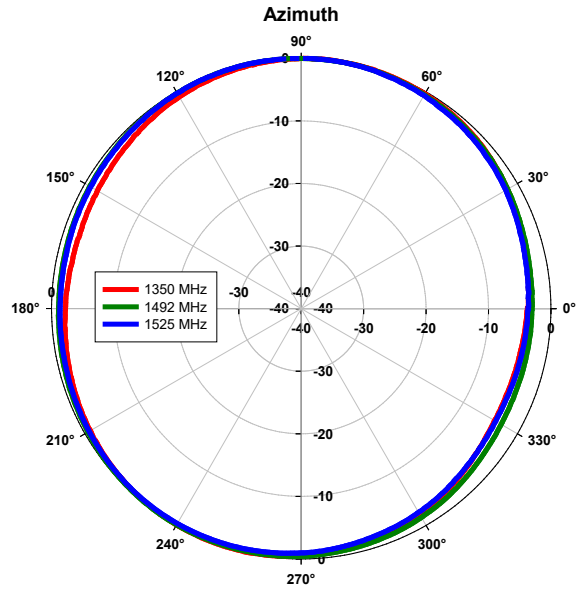
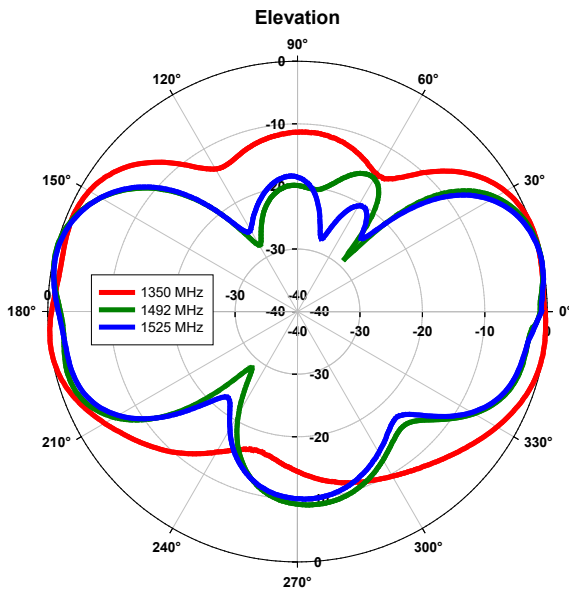
VSWR – Vertical Polarization



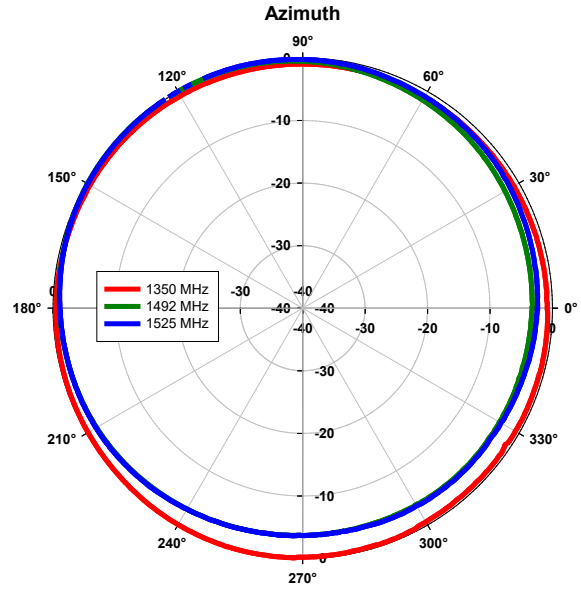
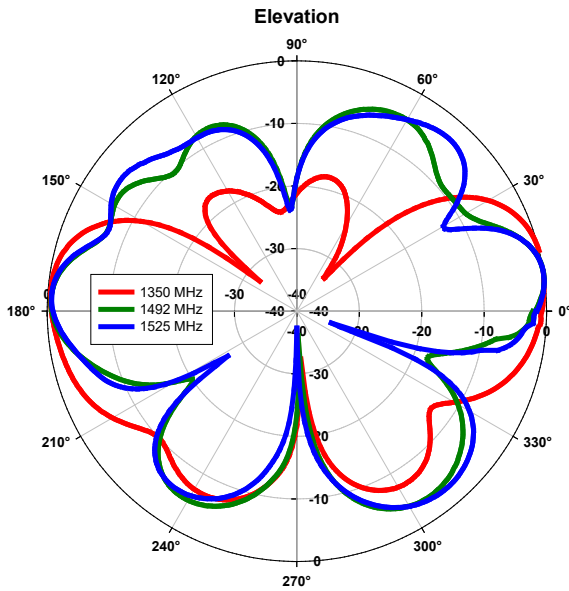
Characteristics*

Model Number	VSVH-1350-1525	
Frequency	1350 - 1525 MHz	
Gain	Vertical	5 dBi
	Horizontal	5 dBi
VSWR	< 3:1	
Pattern	Near Omnidirectional in Azimuth	
Polarization	Vertical and Horizontal	
Port Isolation	> 20 dB	
Power	8 W	
Size	19.1" × 1.5" × 5.5" flange	
Weight	27.5 oz	
Mounting	Four 0.41" holes on a 4.5" circle	
Connector Type	2 × TNC Female	

Radiation Patterns – Horizontal Polarization



Radiation Patterns – Vertical Polarization



***Note:** EM characteristics will vary depending on the mounting platform.