

# Dual Polarized MANET Vehicle Antenna - C-band

## Features

- 4400 – 5000 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

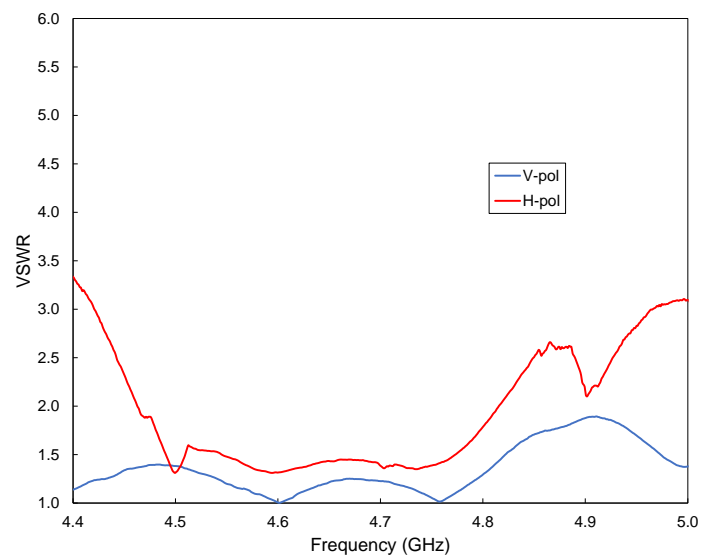
## Characteristics\*

<b>Model Number</b>		<b>VSVH-4400-5000</b>
<b>Frequency</b>		4400 - 5000 MHz
<b>Gain</b>	<b>Vertical</b>	4.6 dBi @ 4400 MHz 4.7 dBi @ 5000 MHz
	<b>Horizontal</b>	5.0 dBi @ 4400 MHz 5.1 dBi @ 5000 MHz
<b>VSWR</b>		< 3:1
<b>Pattern</b>		Near Omnidirectional in Azimuth
<b>Polarization</b>		Vertical and Horizontal
<b>Port Isolation</b>		> 25 dB
<b>Power</b>		8 W
<b>Size</b>		16.2" × 0.7" × 5.5" flange
<b>Weight</b>		26 oz
<b>Mounting</b>		Four 0.41" holes on a 4.5" circle
<b>Connector Type</b>		2 x TNC Female

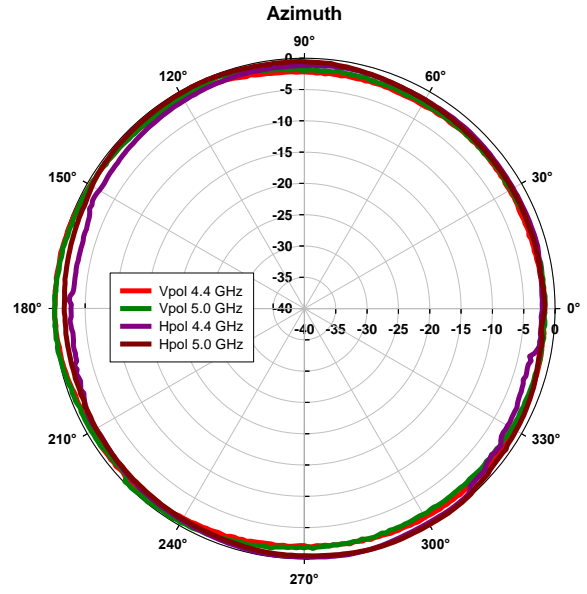
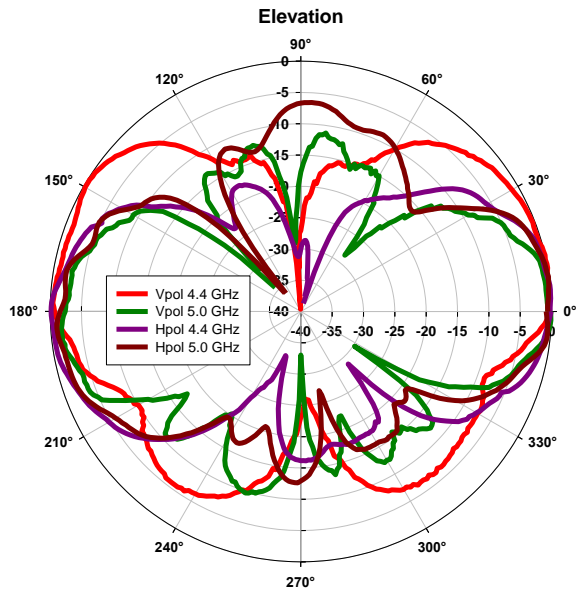


Model: VSVH-4400-5000

## VSWR



## Radiation Patterns



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