

# Wideband Networking Wearable Antenna



## Features

- 225 – 2500 MHz antenna
- Wearable
  - Tactical Carriers available
  - Can be integrated with Body Armor Vest
- Waterproof cover
- Flexible material
- Thin and lightweight

## Applications

- Wideband network
- JTRS

## Characteristics

Model Number	BW-225-2500	BW-225-2500-D
Frequency	225 – 2500 MHz	
Gain†	-6.5 dBi @ 225 MHz -5 dBi @ 450 MHz -1 dBi @ 900 MHz 0 dBi @ 1200 MHz 5 dBi @ 2500 MHz	-5.5 dBi @ 225 MHz -5 dBi @ 450 MHz -2 dBi @ 900 MHz -1 dBi @ 1200 MHz 0 dBi @ 2500 MHz
Pattern	Near omni	
Polarization	Linear	Dual‡
VSWR†	< 3.5:1, f > 450 MHz	< 2:1
Size	8.75" × 8.75" × 0.40"	
Cable Length	25.75"	
Weight	3 oz	7 oz
Connector Type*	SMA Male	

## How to Buy

Standard Configuration: **BW-225-2500**

Configurations: **BW-225-2500- x**

Model \_\_\_\_\_

Configuration \_\_\_\_\_

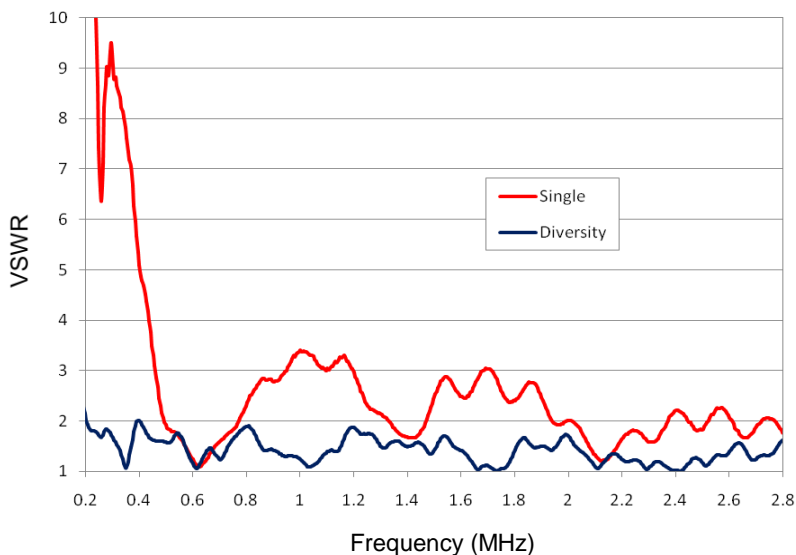
D= Diversity  
M= with MOLLE Carrier  
C= with Covert Carrier

†Measurements done on phantom as surrogate body.

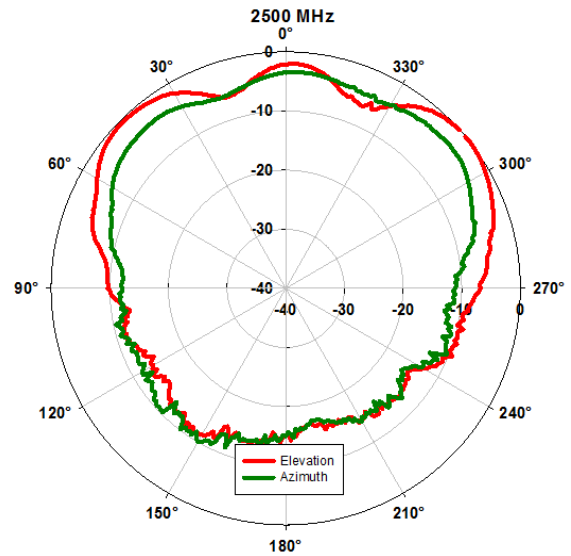
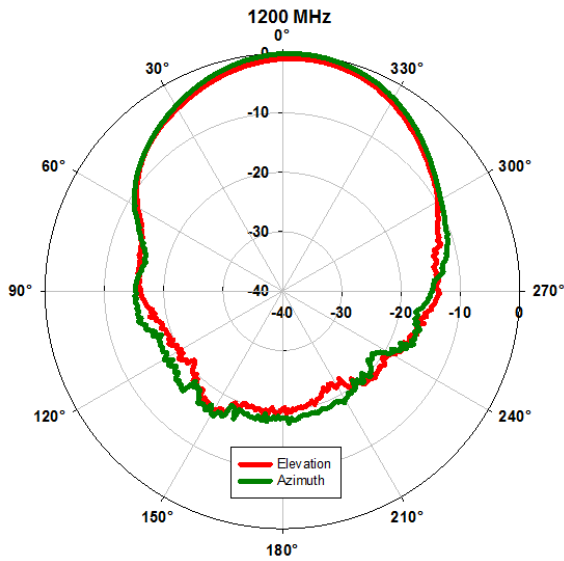
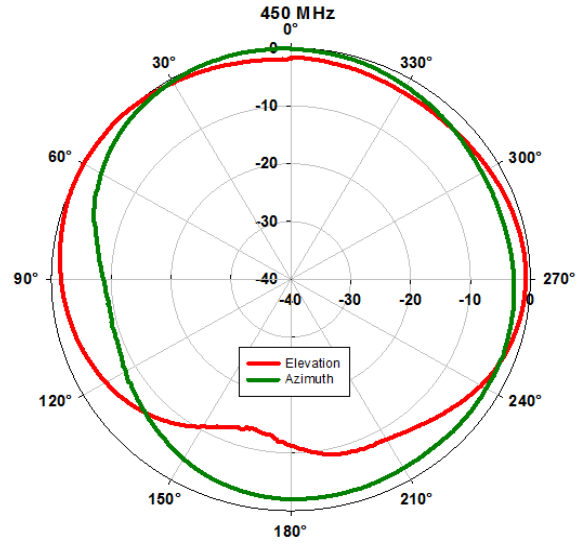
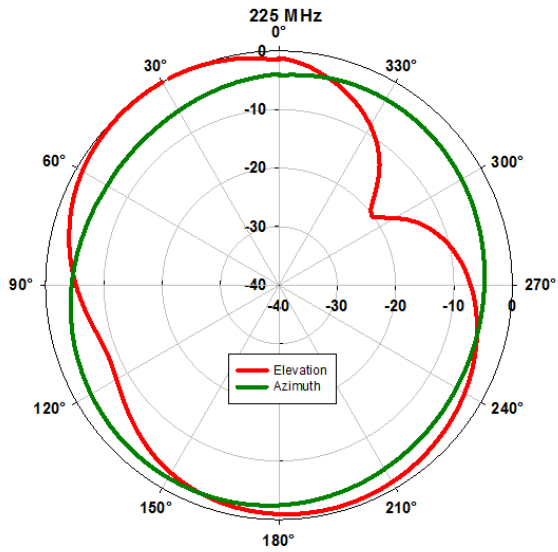
‡Dependent on orientation of two radiators.

\*Alternate connectors available.

## VSWR†



# Radiation Patterns for Single Radiator†



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