

# Enhanced Gain UWB Wearable Antenna: 3 – 10 GHz



Model Shown: BW-3000-10000-EG

## Features

- 3 - 10 GHz wearable antenna
- Enhanced gain
- Optimized for body worn UWB radios
- Soft, flexible waterproof textile covering
- Other connectors available
- Diversity model available

## Characteristics

<b>Model Number</b>	<b>BW-3000-10000-EG</b>
<b>Frequency</b>	3 – 10 GHz
<b>Gain†</b>	5.5 dBi @ 3 GHz 8.2 dBi @ 6 GHz 6.3 dBi @ 9 GHz
<b>VSWR†</b>	< 2:1
<b>Pattern</b>	Near Omnidirectional in Azimuth
<b>Polarization</b>	Vertical
<b>Power</b>	0.1 W
<b>Size</b>	4.5" × 4.25" × 0.4"
<b>Cable Length</b>	16.5"
<b>Weight</b>	2 oz
<b>Connector Type*</b>	SMA Male
<b>Optional Carriers</b>	MOLLE, Covert, Vest

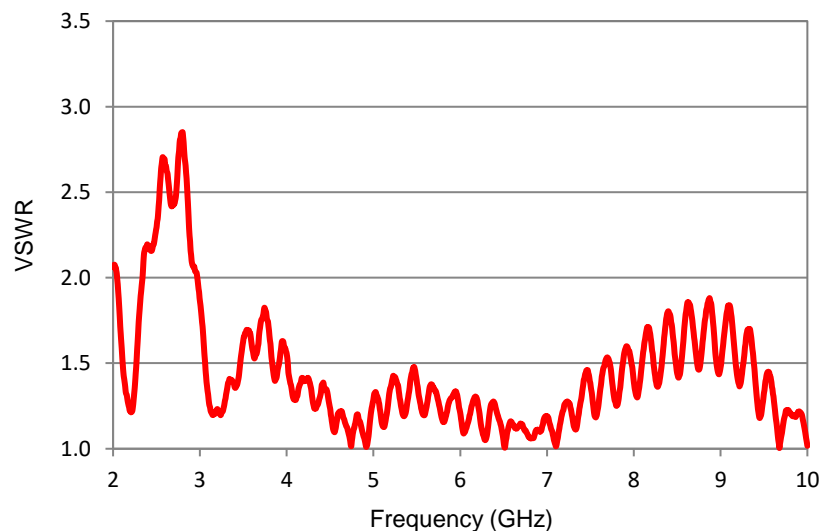
†Measurements done on phantom as surrogate body.

\*Alternate connectors available.



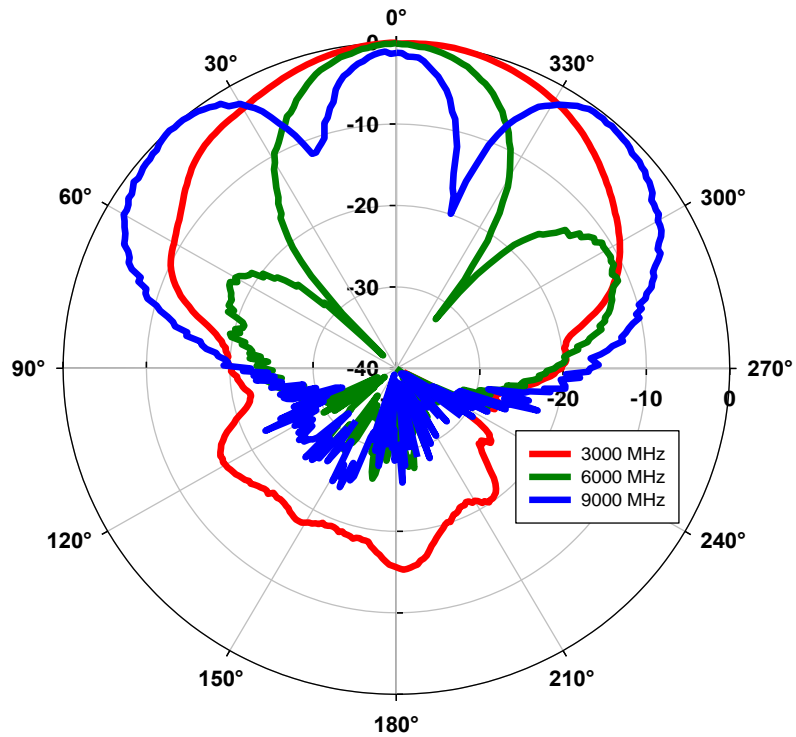
Model Shown: BW-3000-10000-EG-D

## VSWR†

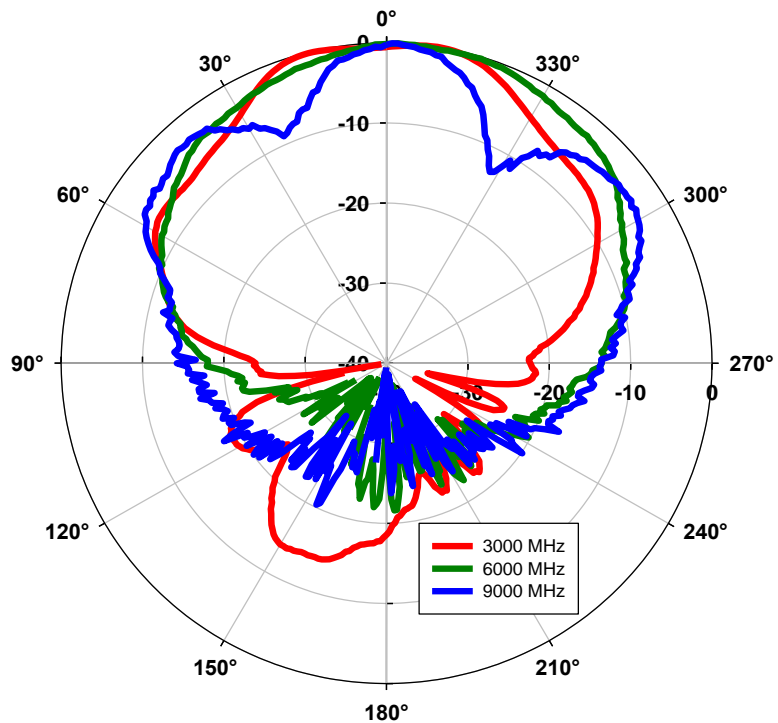


# Radiation Patterns†

## Azimuth Patterns



## Elevation Patterns



This antenna is intended for occupational use only and has been designed to comply with the IEEE (FCC) exposure limits for occupational/controlled RF exposure environments.