

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

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

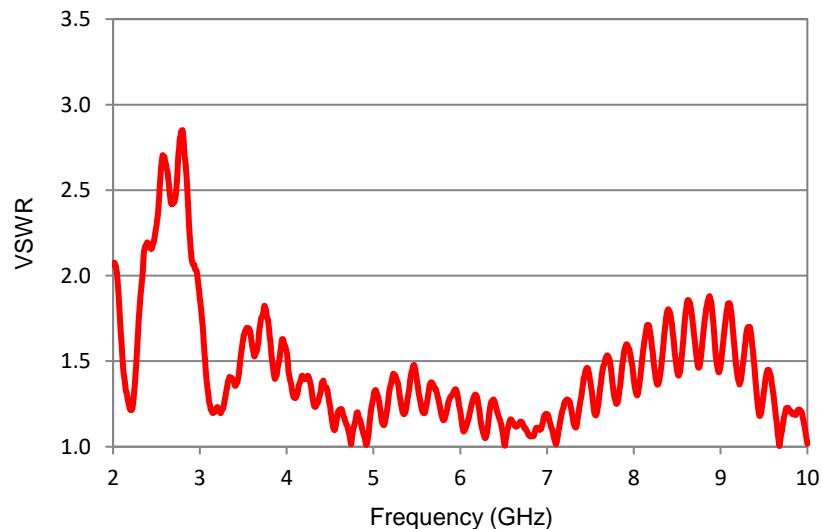
†Measurements done on phantom as surrogate body.

*Alternate connectors available.



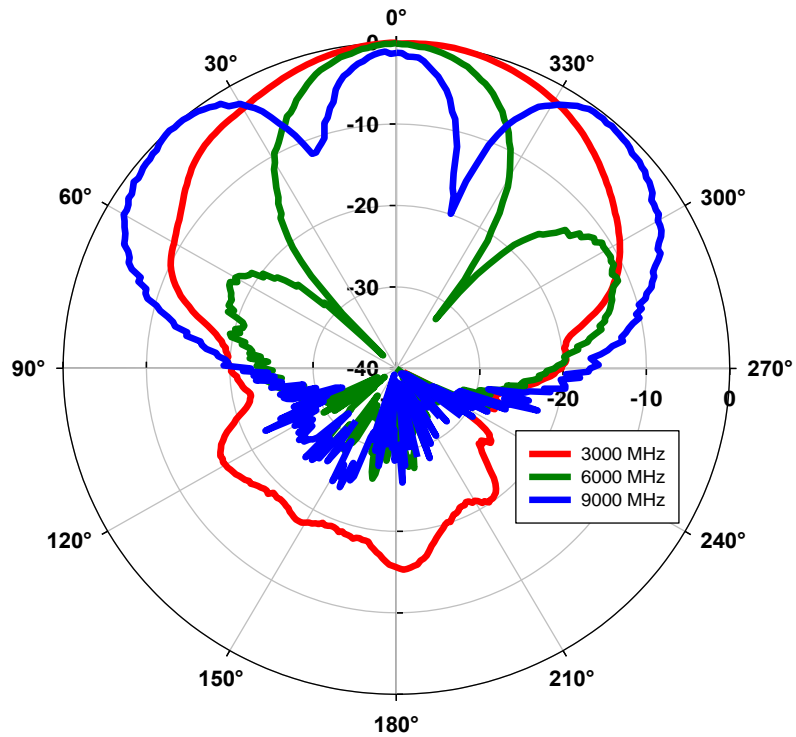
Model Shown: BW-3000-10000-EG-D

VSWR†

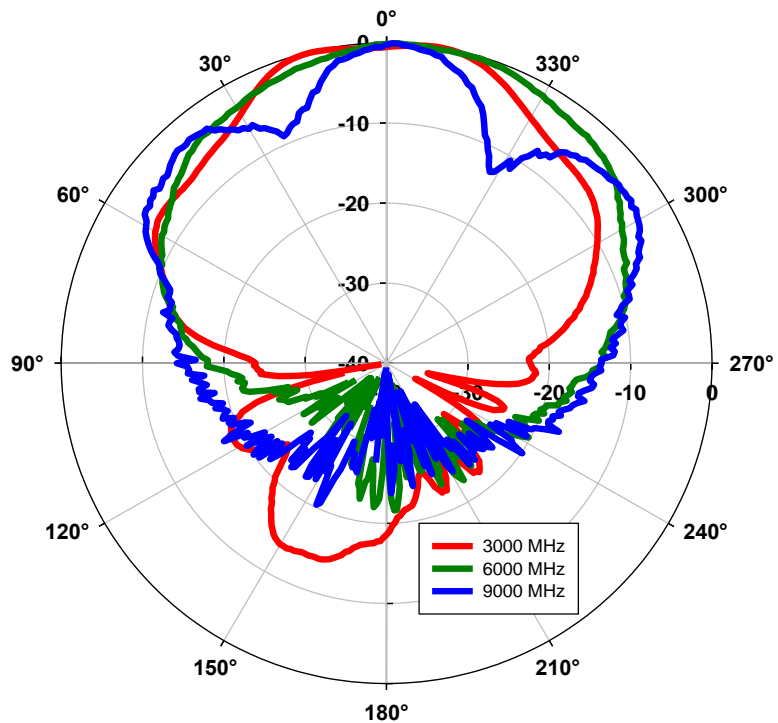


Radiation Patterns†

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.