

# 4G Slim Low-Profile Antenna for Cars and Trucks

SKU: 314401

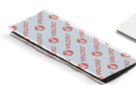
## FEATURES

- Works on all worldwide cellular bands for voice and 4G data: LTE/CDMA/GSM/UMTS/AWS
- High performance for weBoost cellular boosters
- Supports LTE, 4G, and 3G
- Designed for in-vehicle installation
- High efficiency and compact design
- UV stable sealed radome
- Rugged and waterproof for all weather operation IP69K rated
- Simple install
- Ground plane independent
- 2-year warranty

## Kit Includes



4G Slim Low-Profile Antenna



Velcro Adhesive Strip



Adhesive Strip



Alcohol Wipe



## Specifications

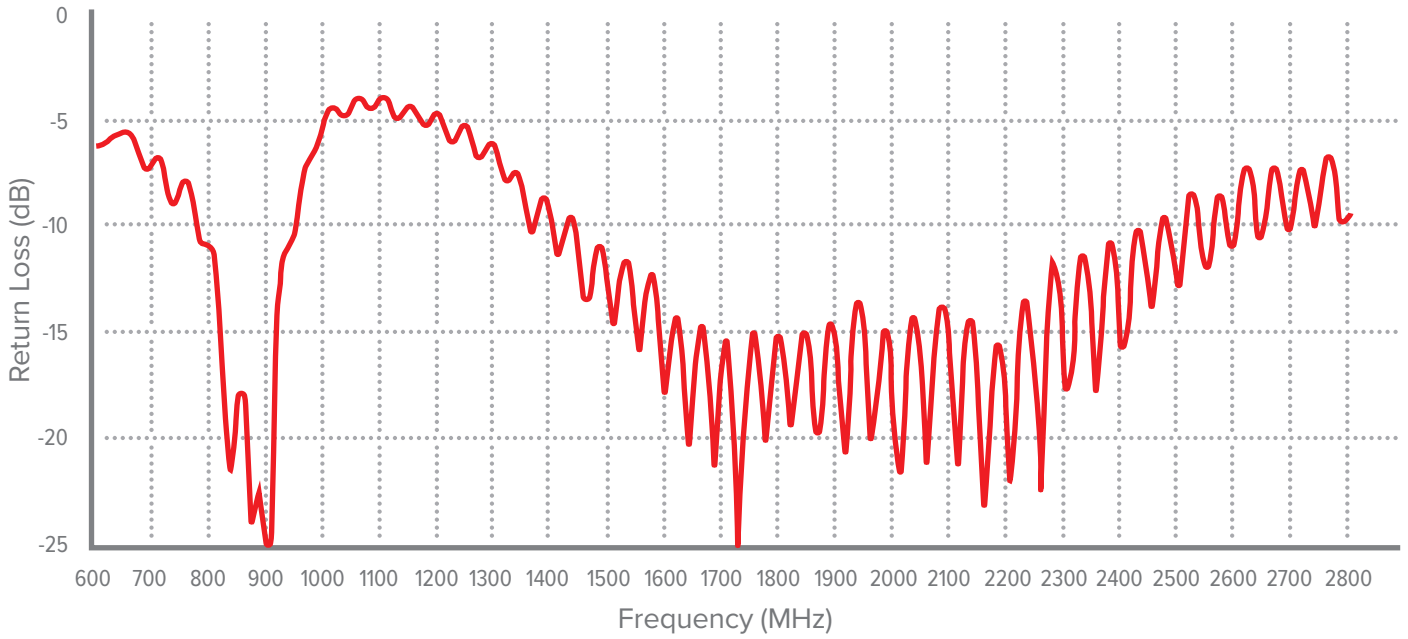
### ELECTRICAL

Frequency Band (MHz)	698-960	1710-2170	2500-2700
Return Loss (dB)	~-13.1	~-16.7	~-11.6
VSWR	~1.9:1	~1.4:1	~1.8:1
Efficiency (%)	~59	~55	~31
Peak Gain (dBi)	~3.4	~2.1	~1.0
Average Peak Gain (dBi)	~-2.3	~-2.5	~-5.1
Impedance (Ohm)	50		
Polarization	Linear		
Radiation Pattern	Omni-Directional		
Max Power	25W		
Cable Type (ft.)	LMR100		
Cable Length	10		

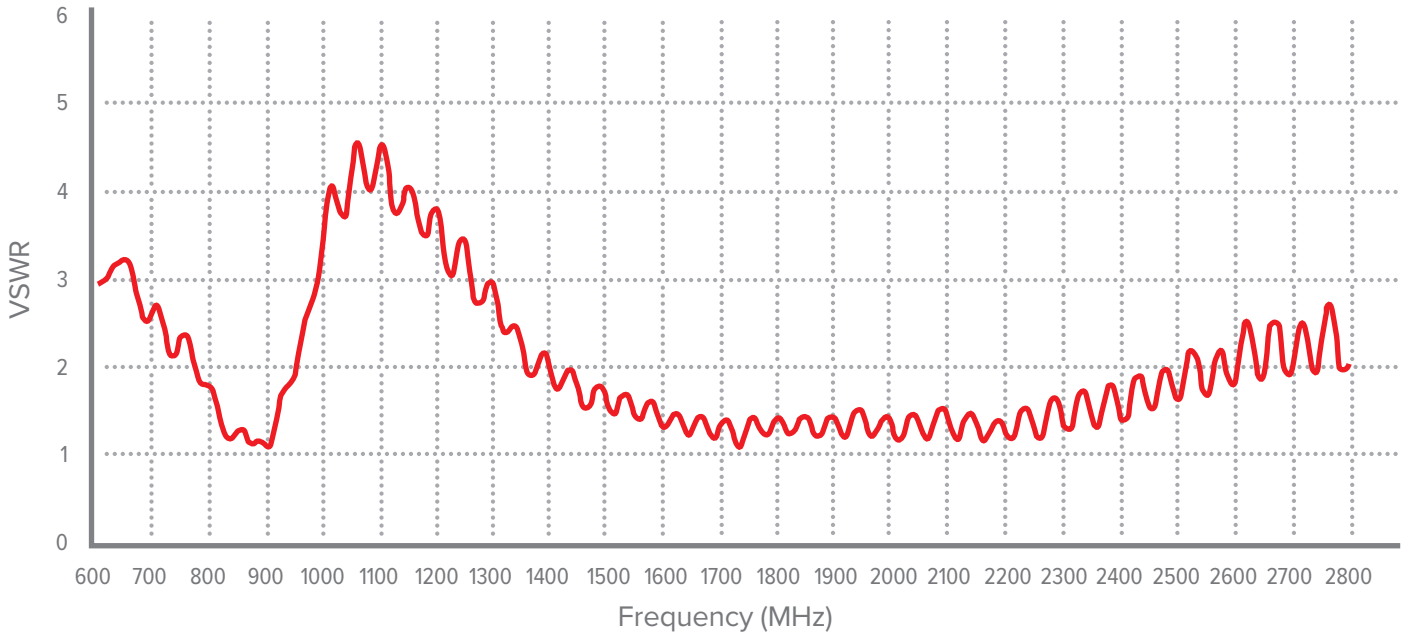
### MECHANICAL

Model	314401
Connector	SMA-Male
Dimensions (in/ mm)	3.2 x 1.4 x .5 / 83 x 35 x 13.3
Antenna weight (lb / kg)	0.23 / 0.104
Packing weight (lb / kg)	0.86 / 0.39
Mounting	Velcro / Adhesive
Radome Material	ABS Anti UV
Radome Color	Black
Water Resistance	IPX Weather Rated
Operating temperature (°C/ F°)	-40 to +85 / -40 to +185
Substance Compliance	RoHS

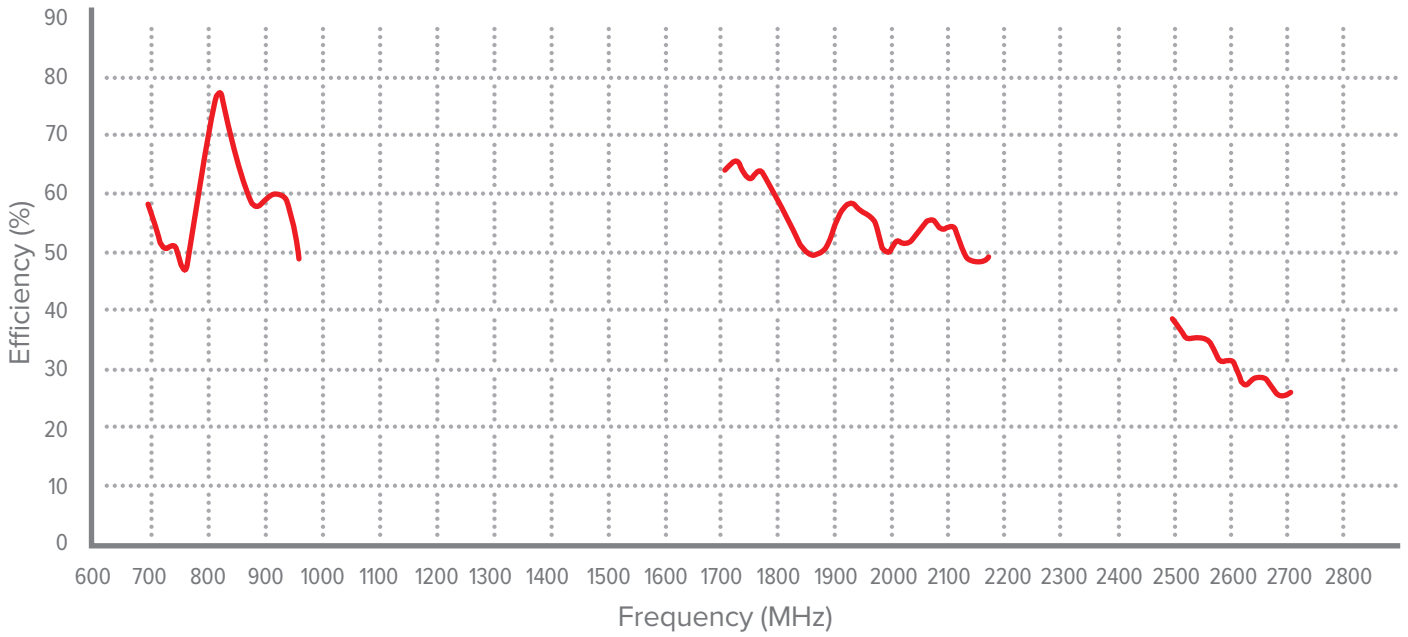
## Return Loss



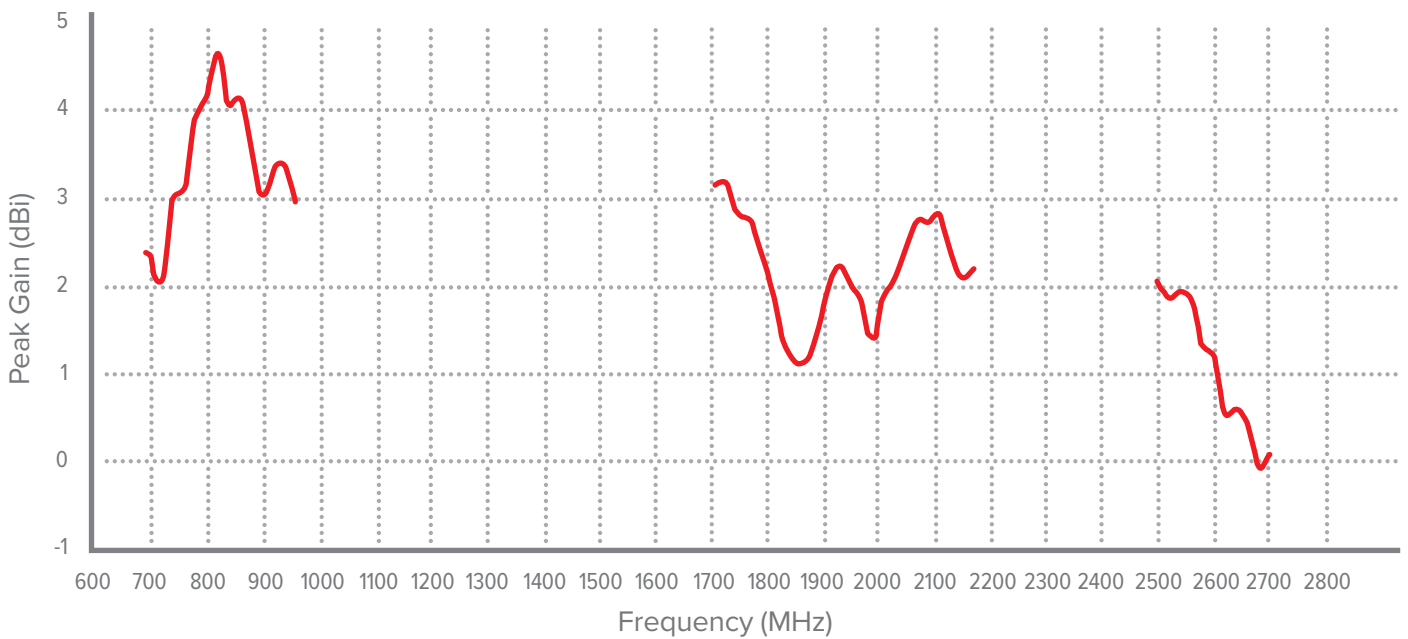
## VSWR



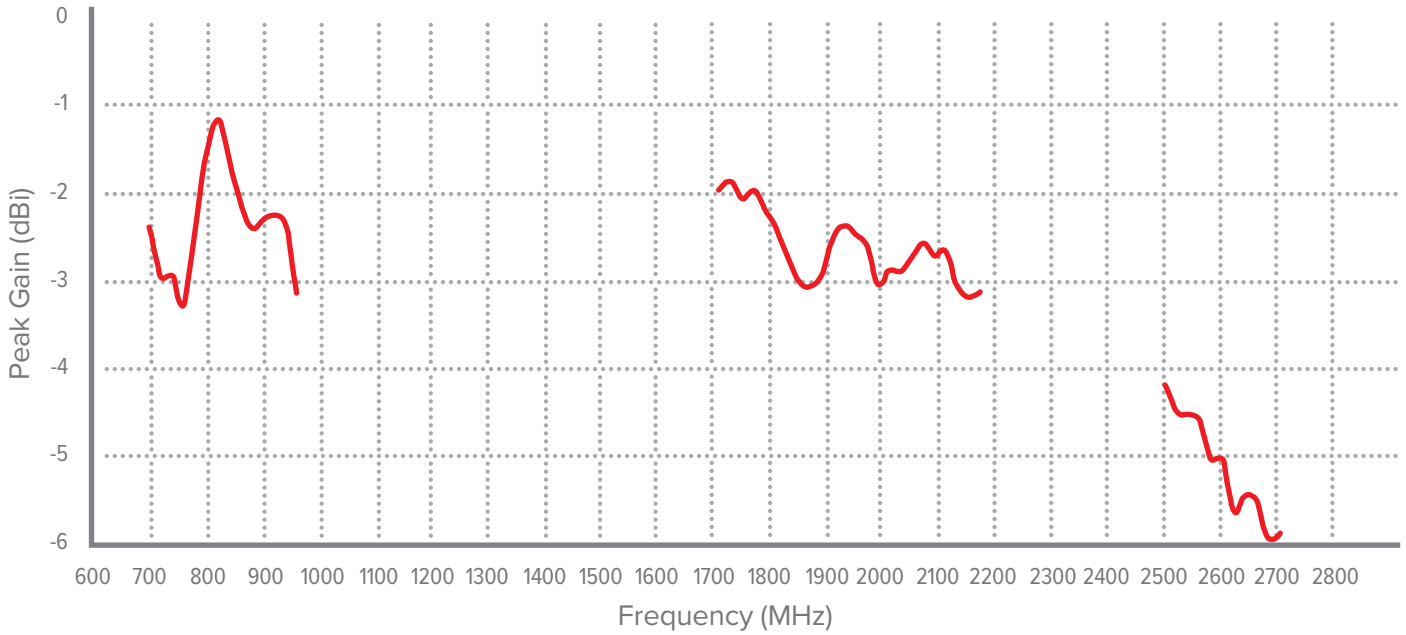
## Efficiency



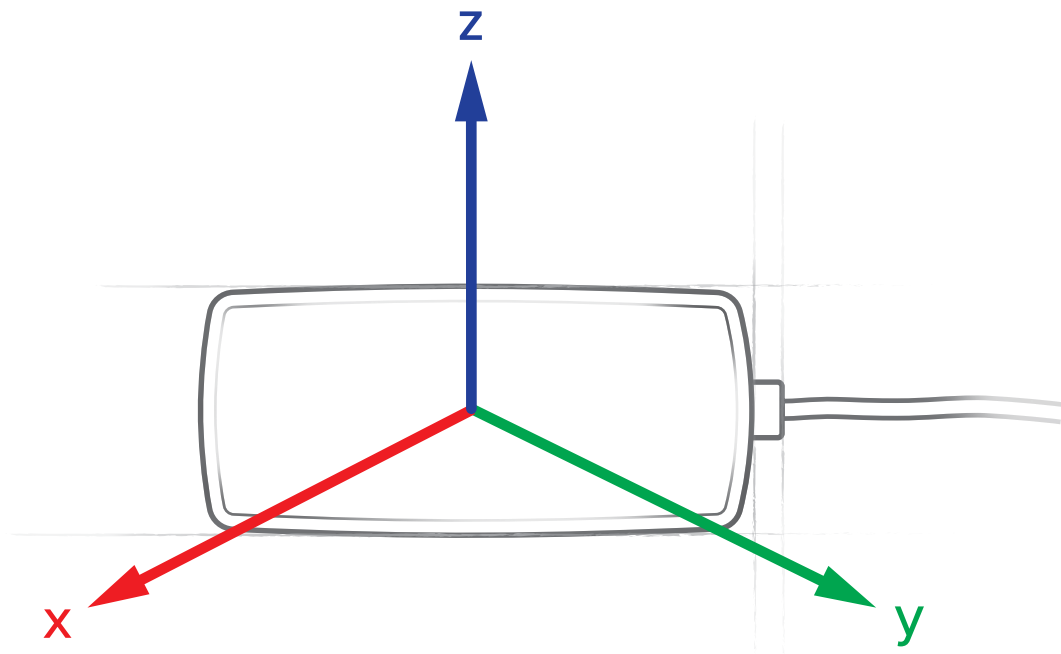
## Peak Gain



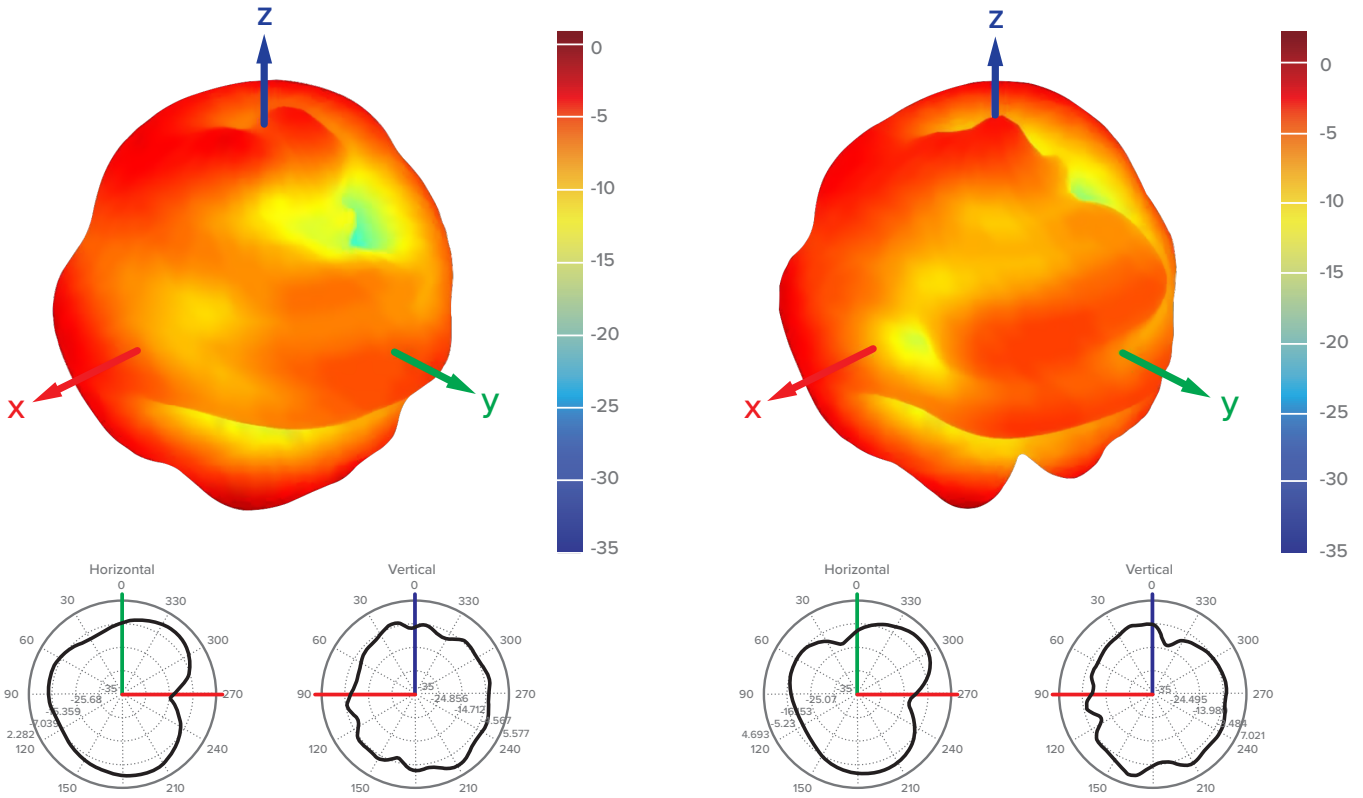
## Average Gain



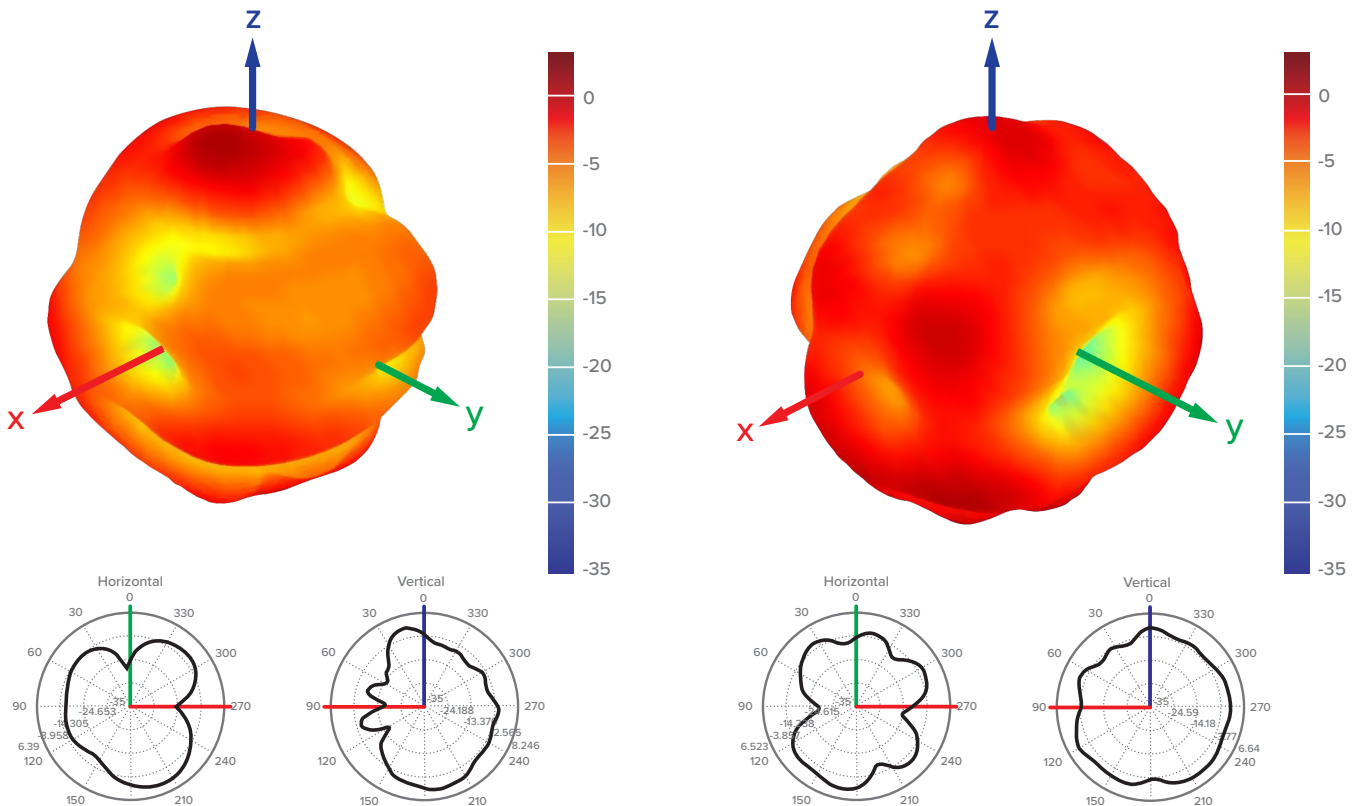
## Radiation Pattern Reference



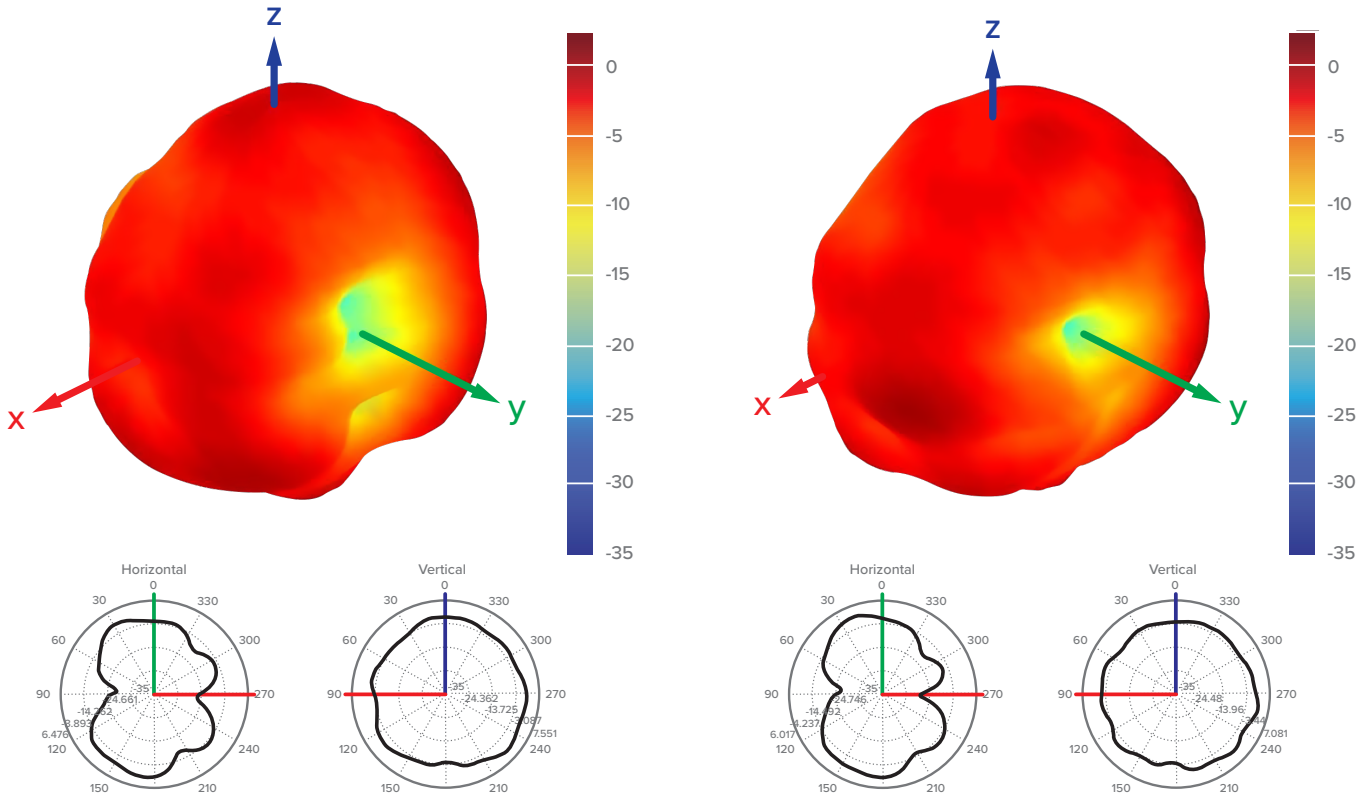
## 750 MHz & 850 MHz Radiation Patterns



## 940 MHz & 1750 MHz Radiation Patterns



## 1850 MHz & 1950 MHz Radiation Patterns



## 2100 MHz & 2600 MHz Radiation Patterns

