

4G/5G High Gain Outdoor Antenna

Support 600-6000MHz 10dBi 4G/5G Antenna

The omni-directional design provides high gain without the cellular tower location and alignment hassles of directional antennas. Improves transmit & receive signals for all 4G/LTE & 5G frequencies.



I. Overview:

The ANT-191-4G-5G easy-to-install outdoor and improves transmit & receive signals for all 4G/LTE & 5G frequencies on Verizon, AT&T, T-Mobile, Bell Mobility, Rogers, Telus, Telcel, Movistar, Digicel and others. SkyNav ANT-191-4G-5G is an omni-directional design permanent mount antenna for vehicle roof and offshore vessel applications.

It has a fully IP67 rated waterproof robust UV Resistant PC enclosure and base. It is compatible with Mi-Fi Hotspots, external 4G/5G cellular modems, routers and signal amplifiers from Cisco, Cradlepoint, Digi, Inseego, MoFi, Netgear, Pepwave, and Sierra.

The 5G/4G antennas also include backward compatibility to work at most worldwide 2G and 3G bands.

II. Features:

- IP67 grade waterproof
- Cable Length & Connector are customizable
- 10 dBi Peak Gain
- 600-6000 MHz Coverage
- Robust UV Resistant PC enclosure and base

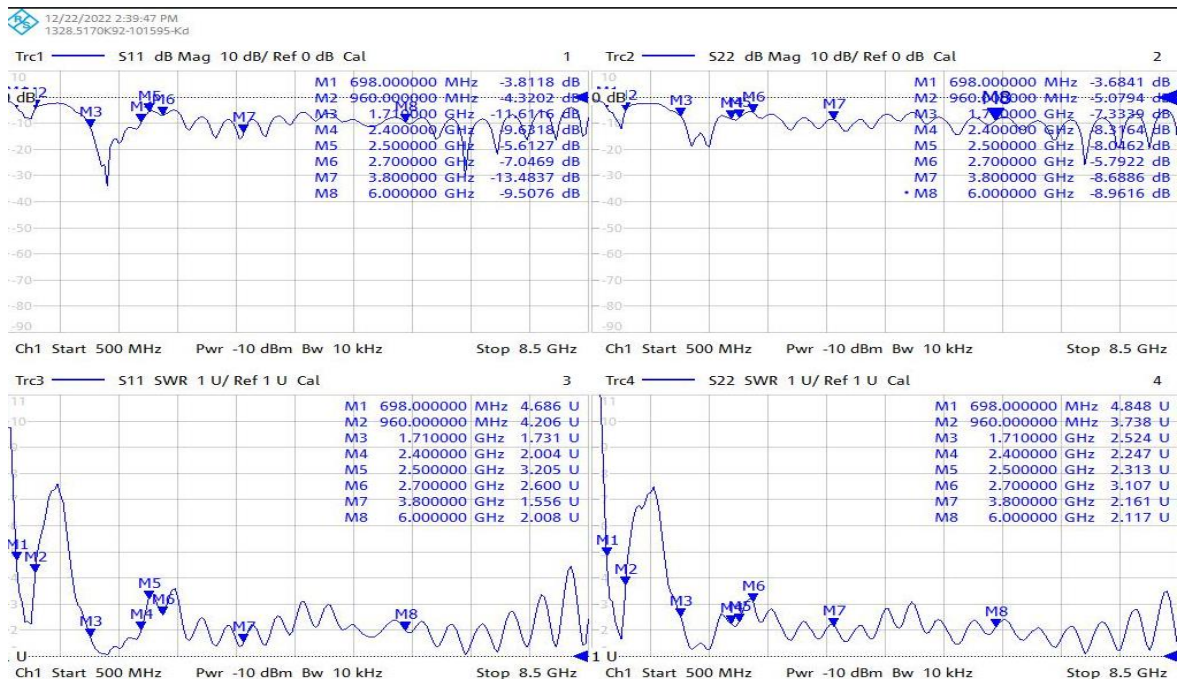
III. Applications:

For antenna units used with or in M2M IOT Systems, Automobile, Recreational, Marine, Military, etc.

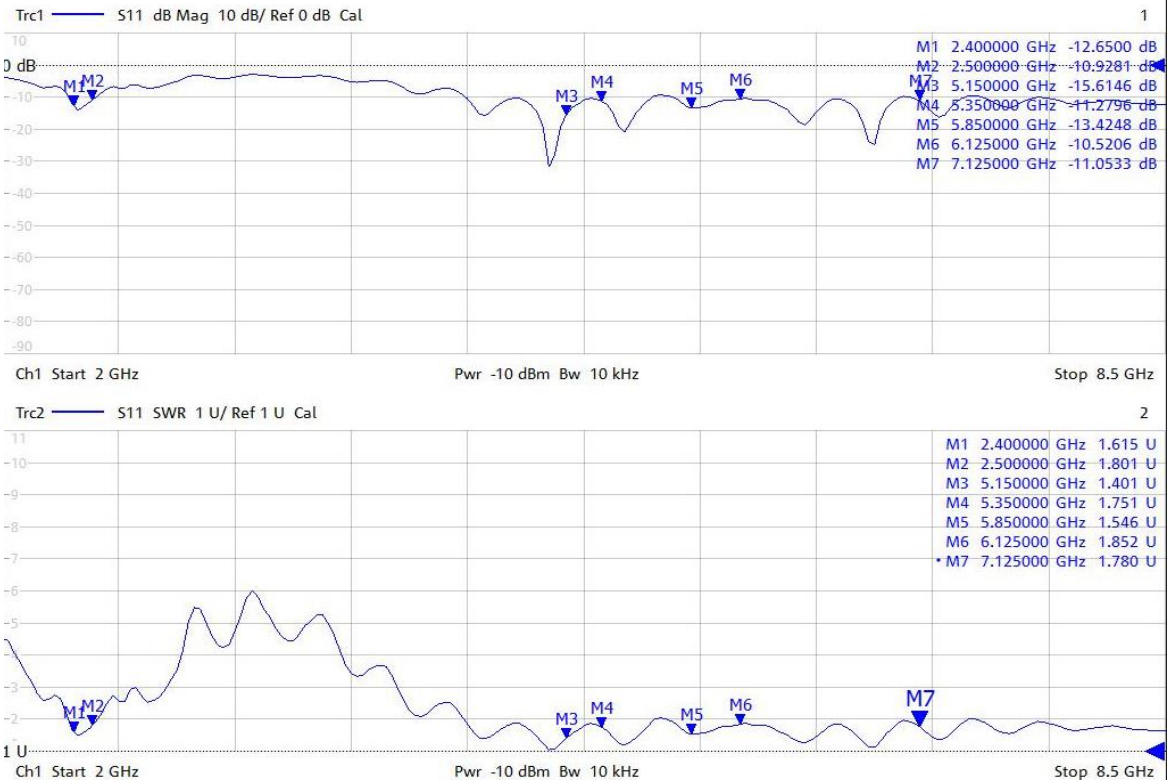
IV. Typical Electrical Properties:

Characteristic Parameters	Specification
Size	191mm*191mm*83mm
4G/5G Frequency	600~6000MHZ
Input Impedance	50ohm
Return Loss	-10 dBi
VSWR Port 1&2	2.5:1 MAX
4G/5G Gain	6/7/10dBi (with20cm cable)
Efficiency (%) 4G/5G	600~2700MHz: 46%~97% 3000~4000MHz:62%~86% 4000~6000MHz:55%~96%
Operating Temperature	-40°C to +85°C
Connector	SMA-male
Cable	8M CFD200 BLACK
Radome Material & Color	UV Resistant PC Black
Ingress Protection	IP67
Mounting Pole	M20 15P

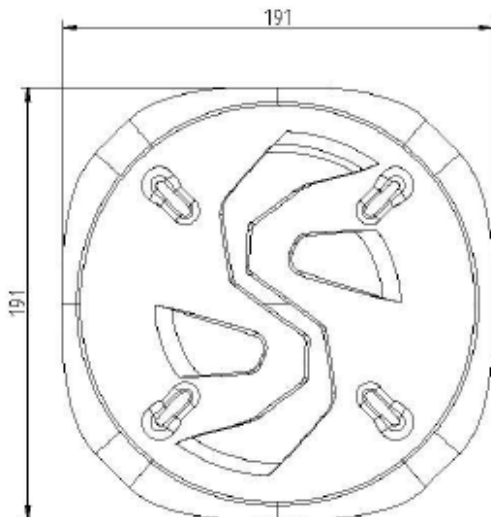
V. VSWR/Return Loss:



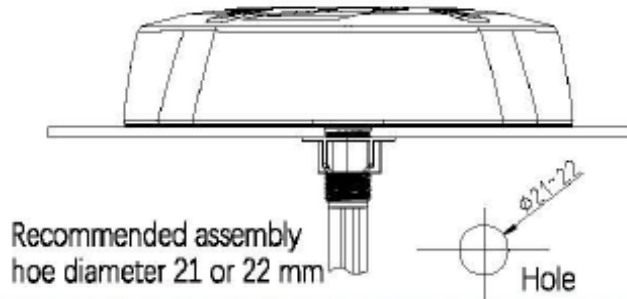
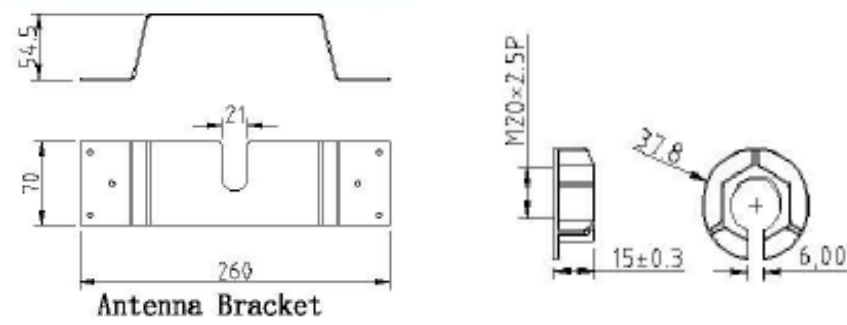
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I. Mechanical Diagram:

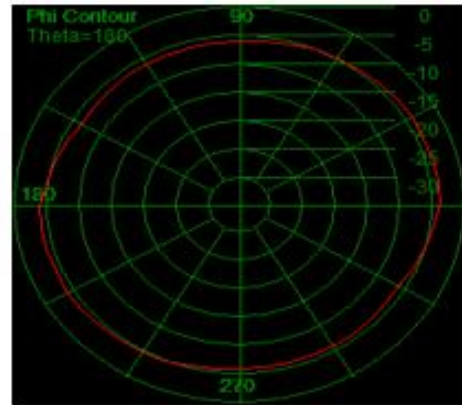
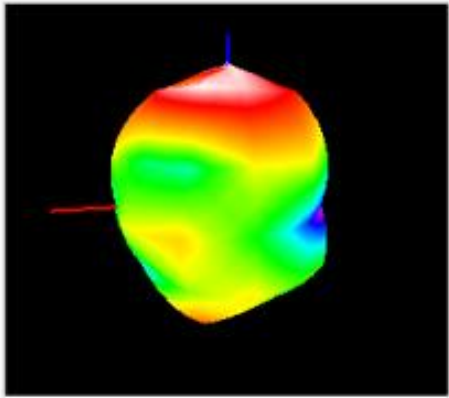


BOM				
NO	Name	Material	Finish	QTY
1	Housing	PC+ABS	BLACK	1
2	RS031 cable(5G)	PVC	BLACK	4
3	5G/4G Antenna		Silver	4
4	SMA Male(5G)	BRASS	GOLD	4
5	Rubber-1	Silicone Rubber	BLACK	1
6	Rubber-2	Silicone Rubber	BLACK	1
7	NUT	PA66	BLACK	1
8	M bracket	Aluminum	BLACK	1
9	Wall maunting	PA6	WHITE	6
10	Screw	SUS304	Silver	6
11	Shrink tube	PET		4

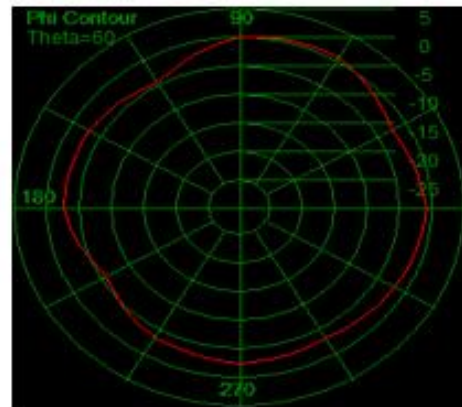
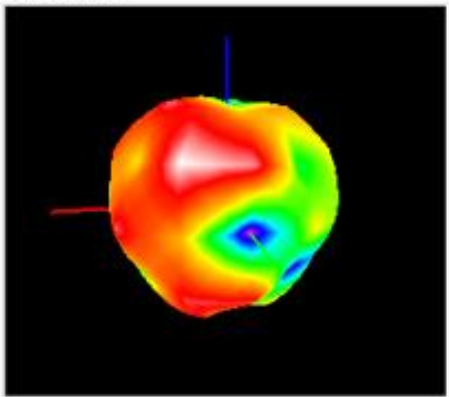


II. Radiation Pattern:

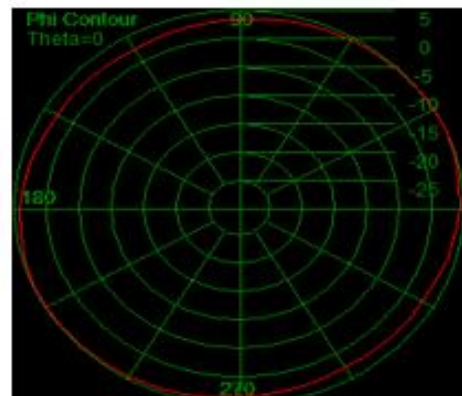
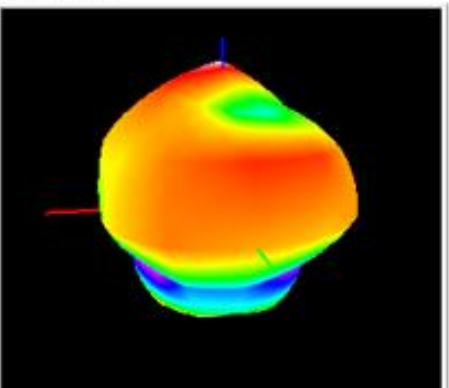
600MHz



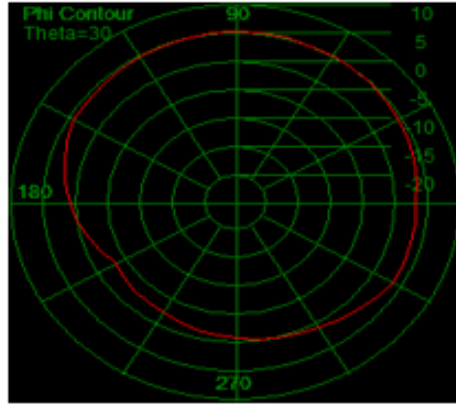
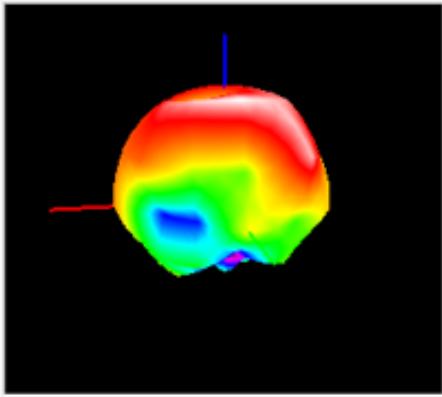
698MHz



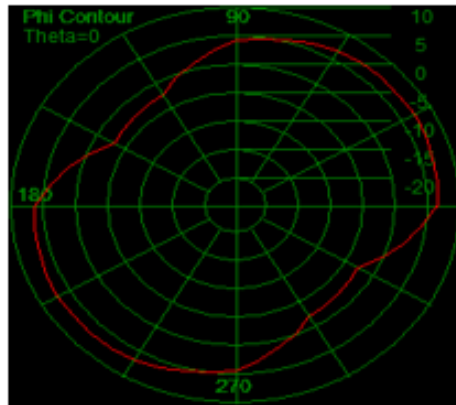
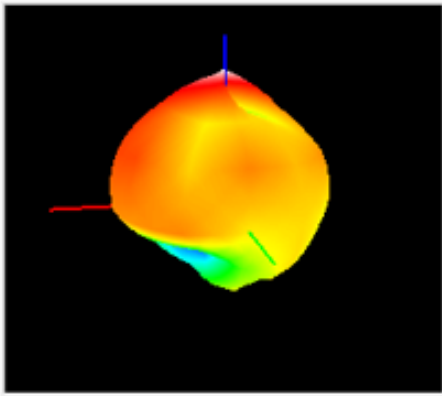
960MHz



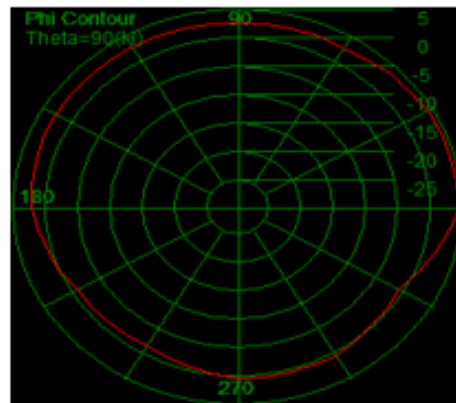
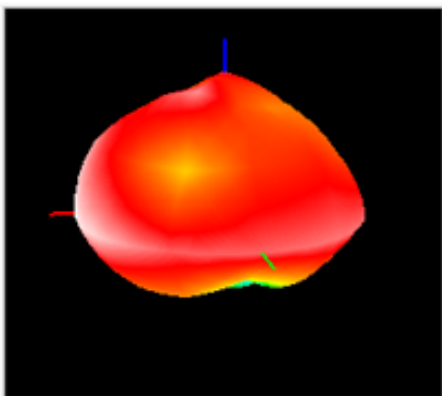
1710MHz



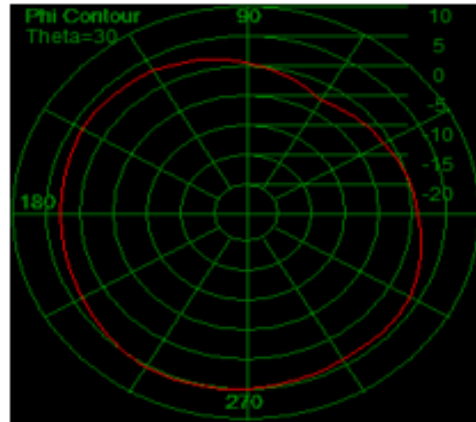
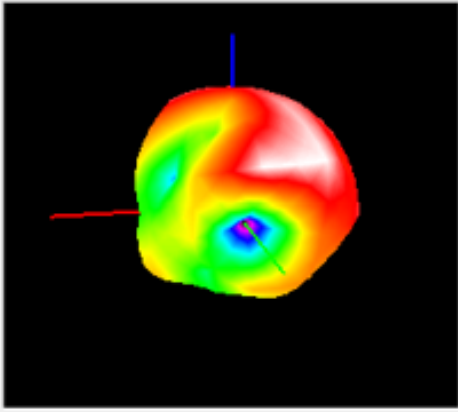
2170MHz



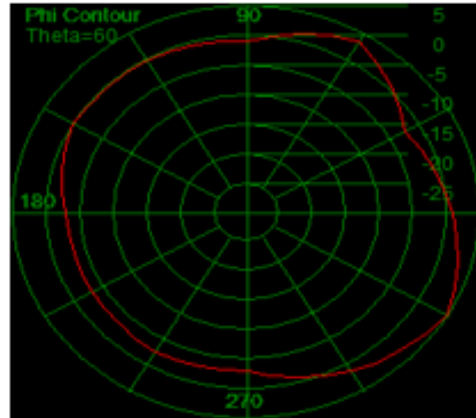
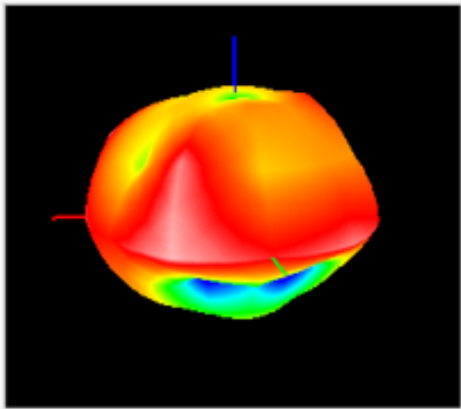
2700MHz



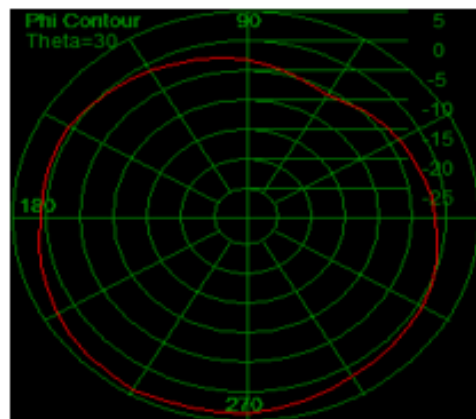
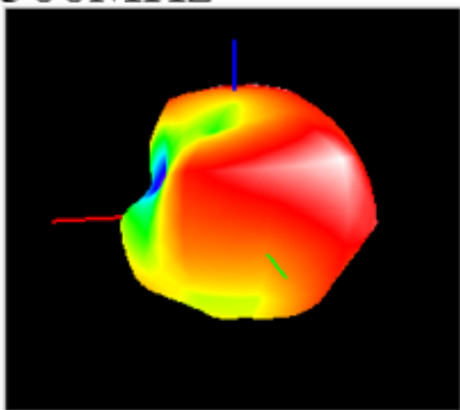
3800MHz



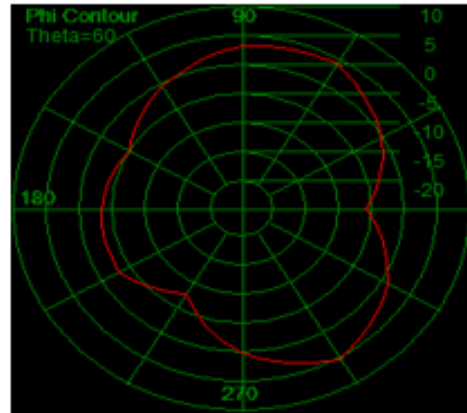
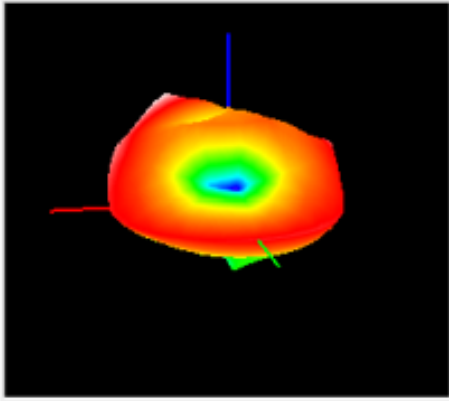
4000MHz



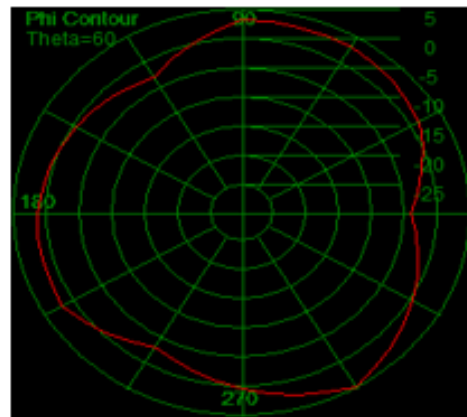
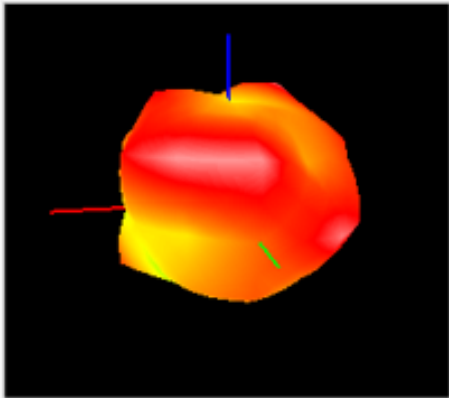
4500MHz



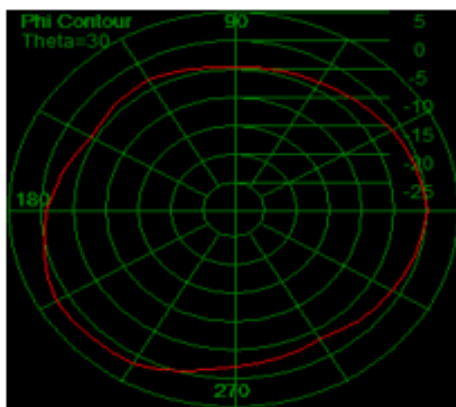
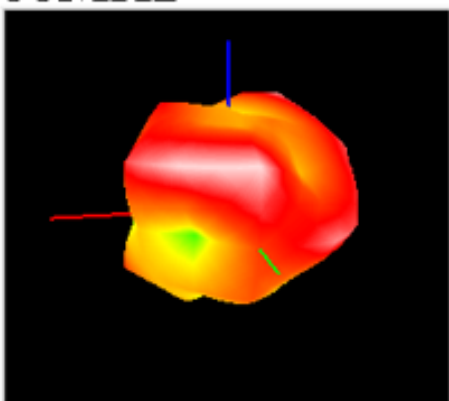
4900MHz



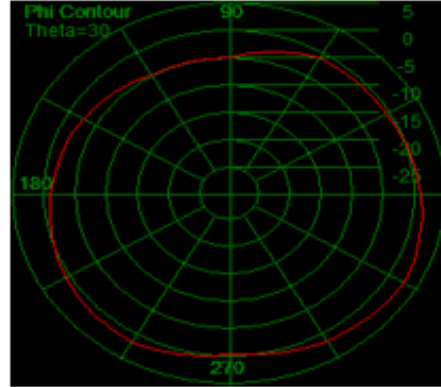
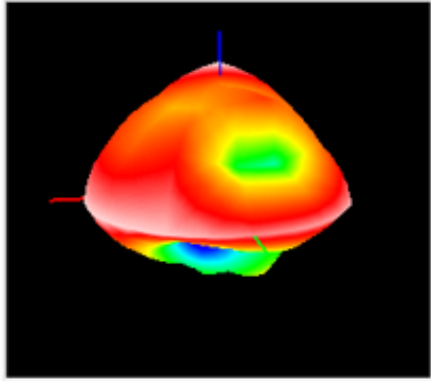
5300MHz



5500MHz



5800MHz



6000MHz

