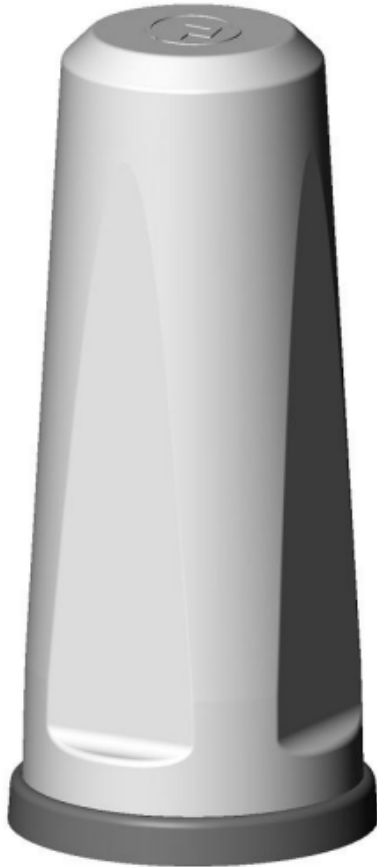


## RSGx-4G/5G-3-NMO

*Low Profile Antenna, NMO Mount*

The RFMAX RSGx is a Low Profile Omni Antenna for cellular 4G/LTE, band 71 & 5G. NMO Mount IP67.



- 617-960/1695-7125 MHz
- 4G / 5G (LTE), Dual Band WiFi Support
- Includes Band 71 (617- 698 MHz)
- Omni radiation pattern
- Average peak gain
- Size: Dia. 1.61 (40.9mm); Height 3.77 (95.9mm)
- NMO Connector with Pogo
- Average power rating 45W



WIFI



LTE



900 MHz



PUBLIC SAFETY

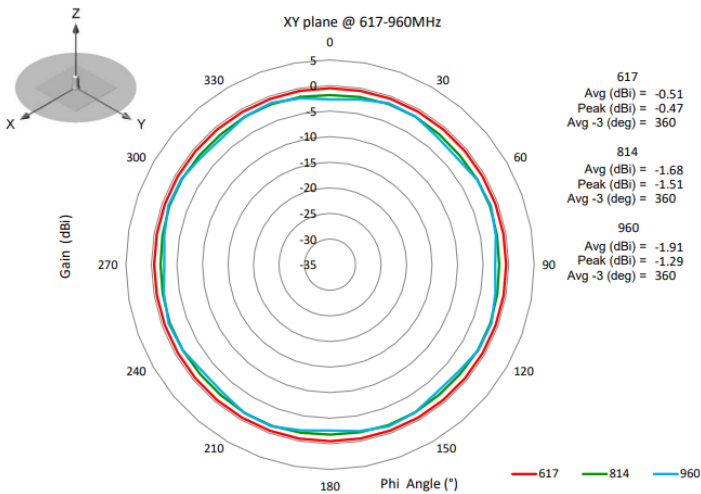


5G



## ELECTRICAL SPECIFICATIONS

Antenna type)	Multiband Monopole
Frequency	617-960/1695-7125 MHz
Nominal Impedance)	50 ohms
VSWR (617-960/1695-7125)	3:1/2.5:1
Average peak gain (617-960/1695-7125)	2/4 dBi
Average efficiency (617-960/1695-7125)	80/65%
Radiation Pattern	Omni
HPBW Vertical Plane (617-960/1695-7125)	65/40
Average Power rating	45W
Polarization	Vertical

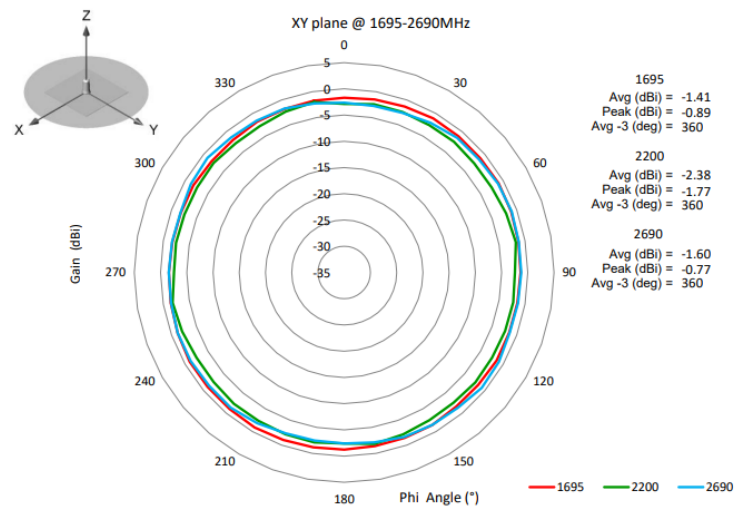


## MECHANICAL SPECIFICATIONS

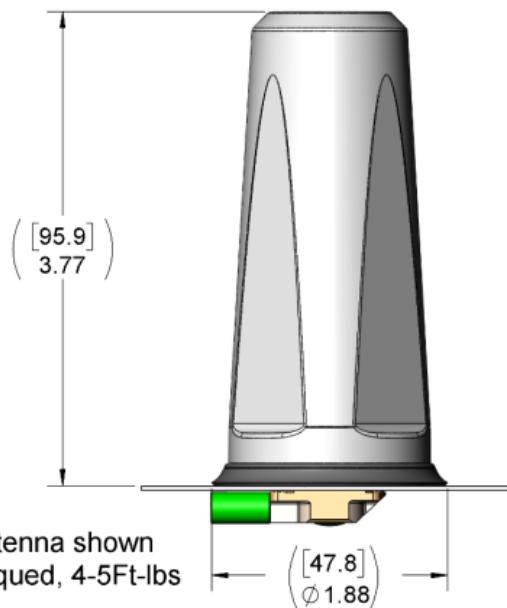
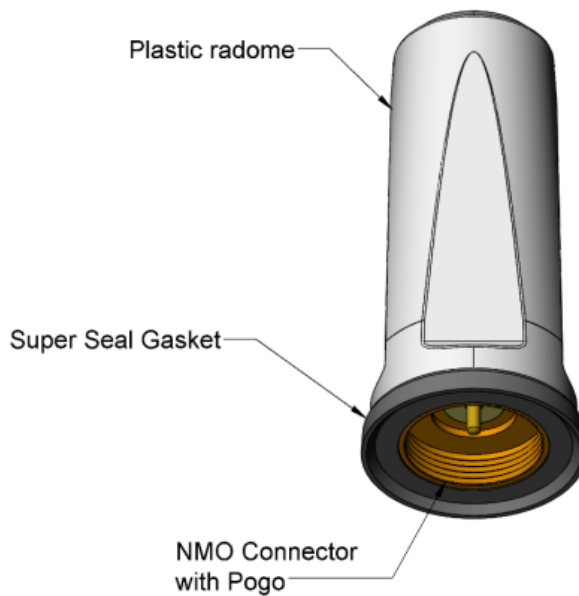
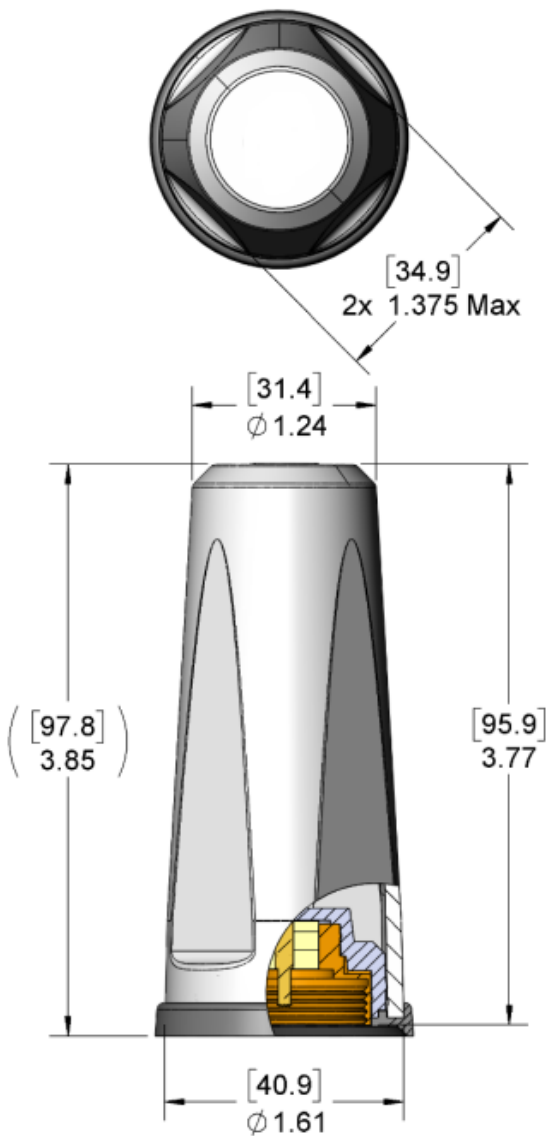
Diameter / height	1.61" / 3.77" (40.9 / 95.9mm)
Weight	0.17 lbs (76 g)
Nominal Impedance)	50 ohms
Antenna Color / Material	Black or White / PET+PC
Connector)	NMO (Pogo)
Installation torque	4-5 ft/lbs

## ENVIRONMENTAL SPECIFICATIONS

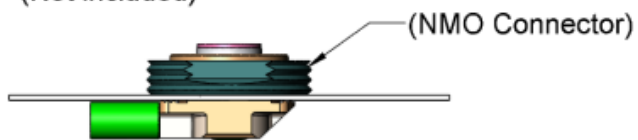
Operating Temperature	-40° to +85° C
Storage Temperature	-40° to +85° C
Ingress Protection	IP66 and IP67
RoHS-6 Compliant	Yes



MECHANICAL DRAWING

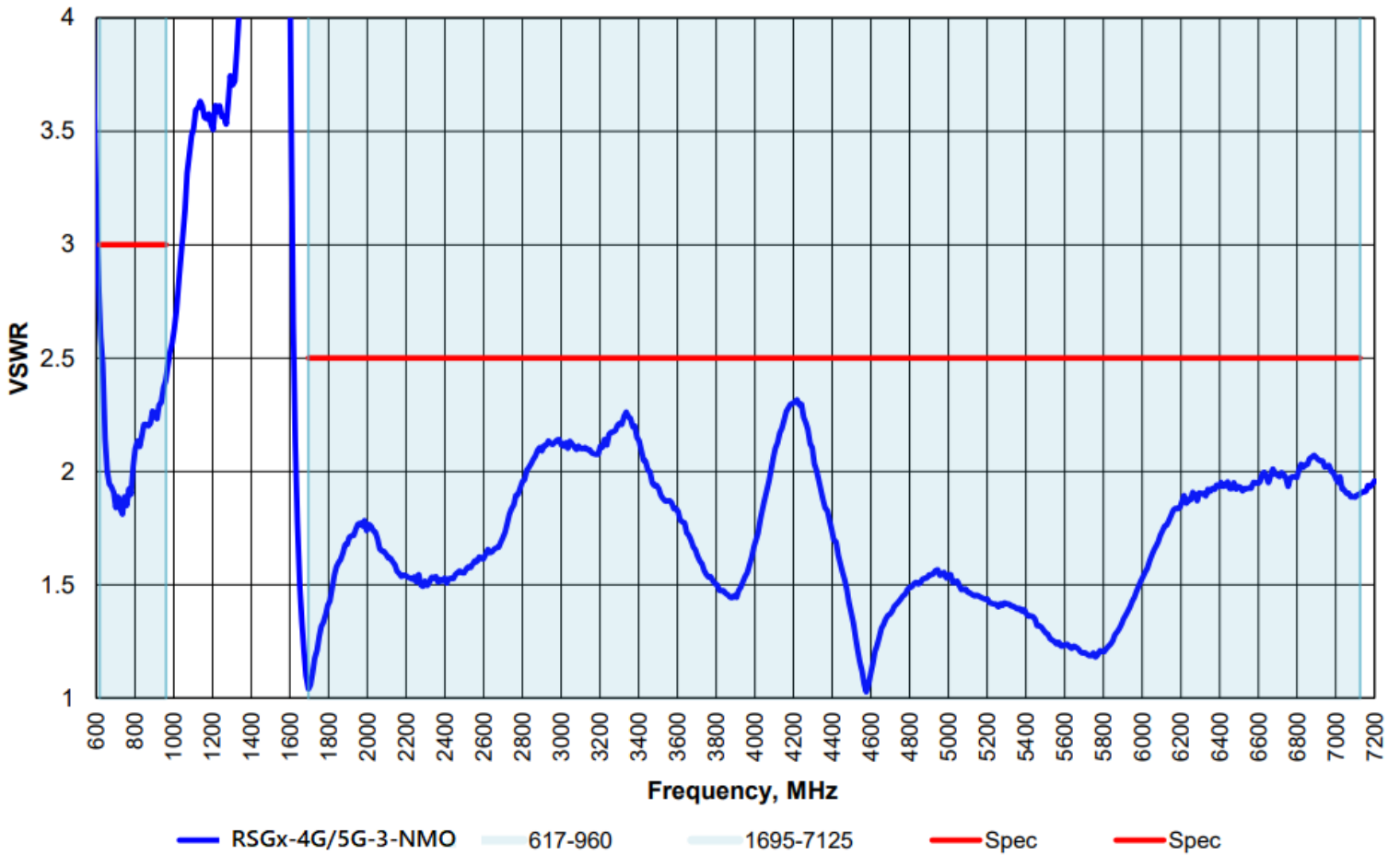


NMO Connector required for mounting  
(Not included)



Antenna shown  
torqued, 4-5Ft-lbs

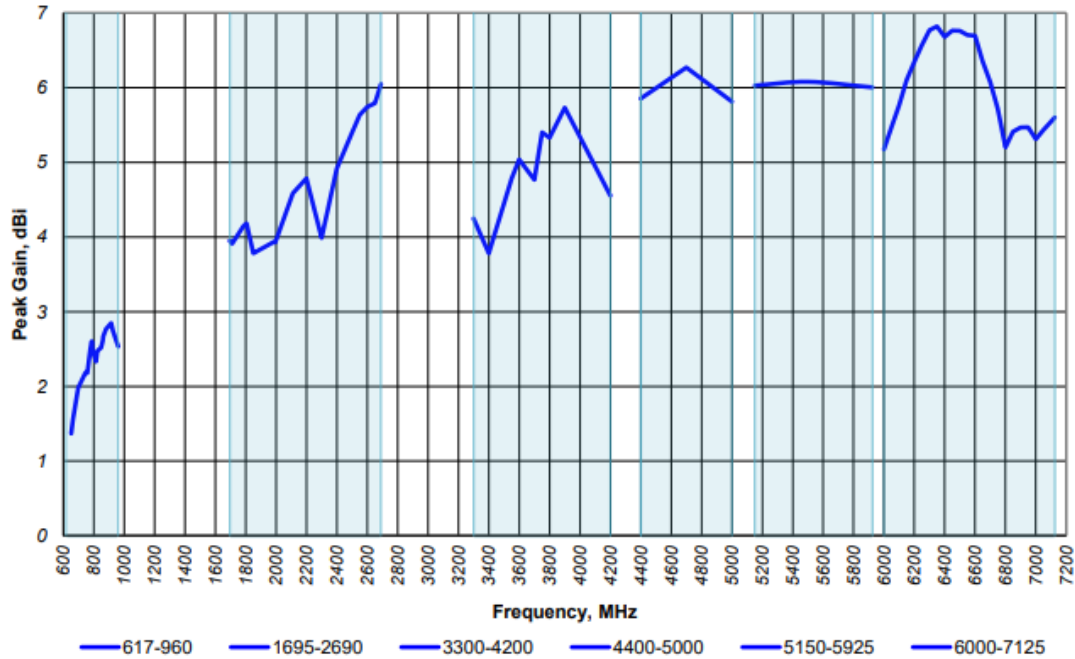
VSWR vs Frequency



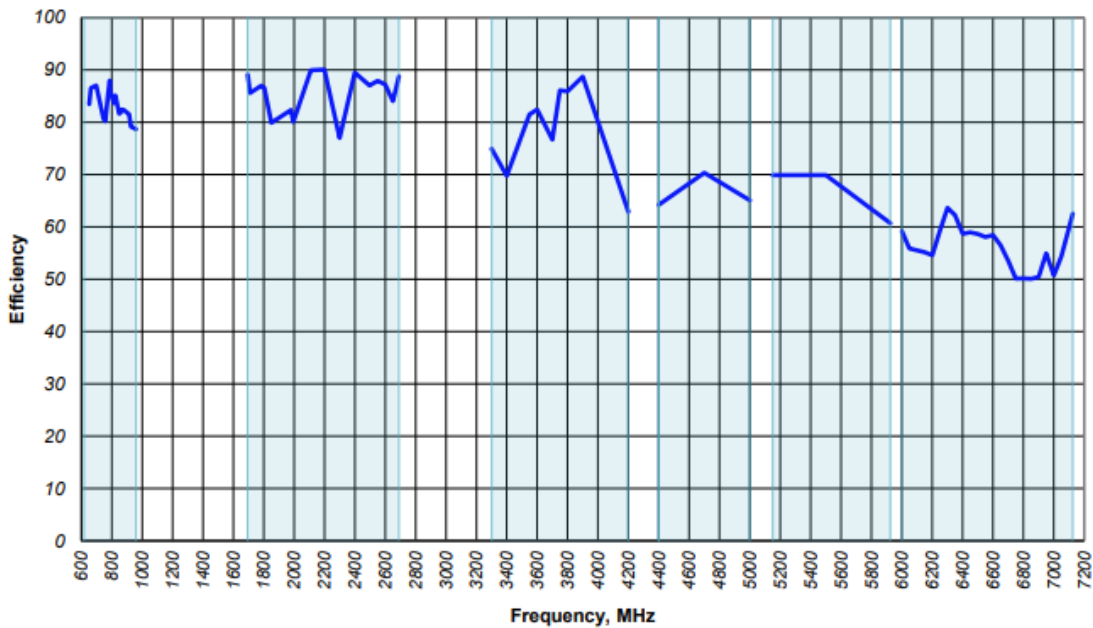
\* Measured on 12" (304.8mm) SQ ground plane, no cable.

## CHARTS

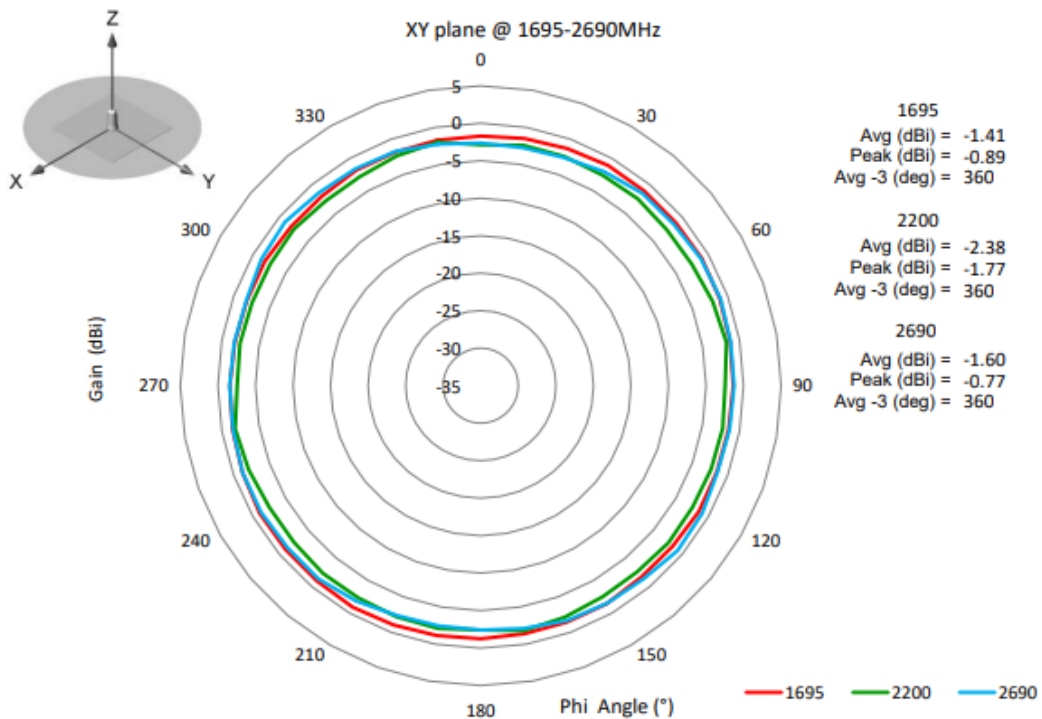
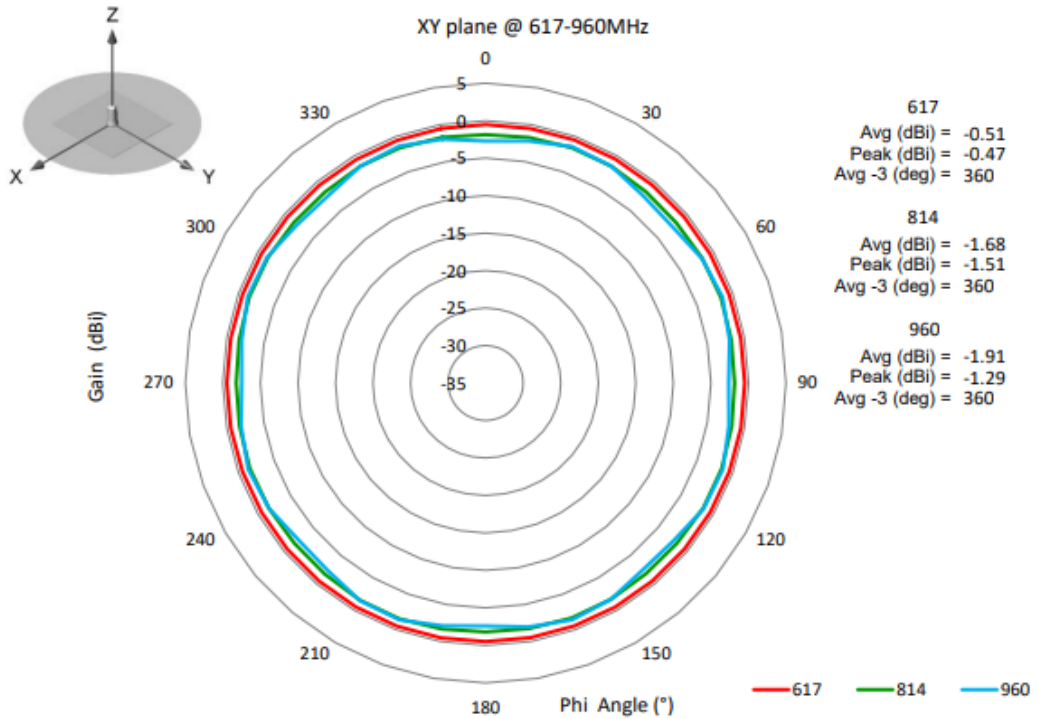
Peak Gain vs Frequency



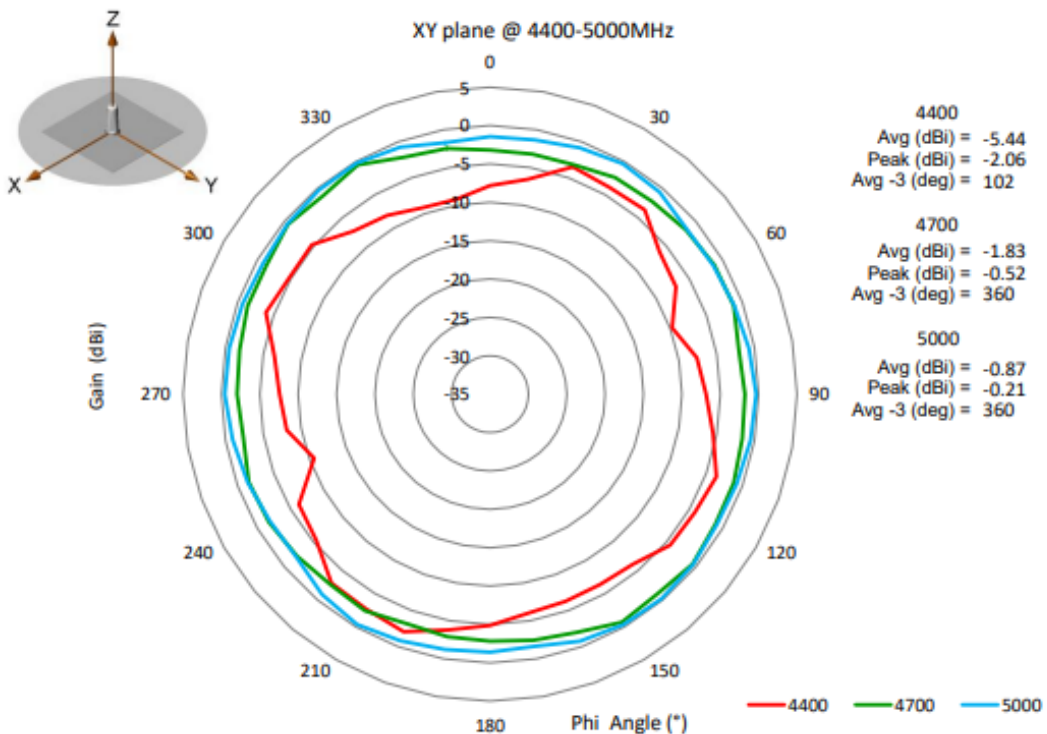
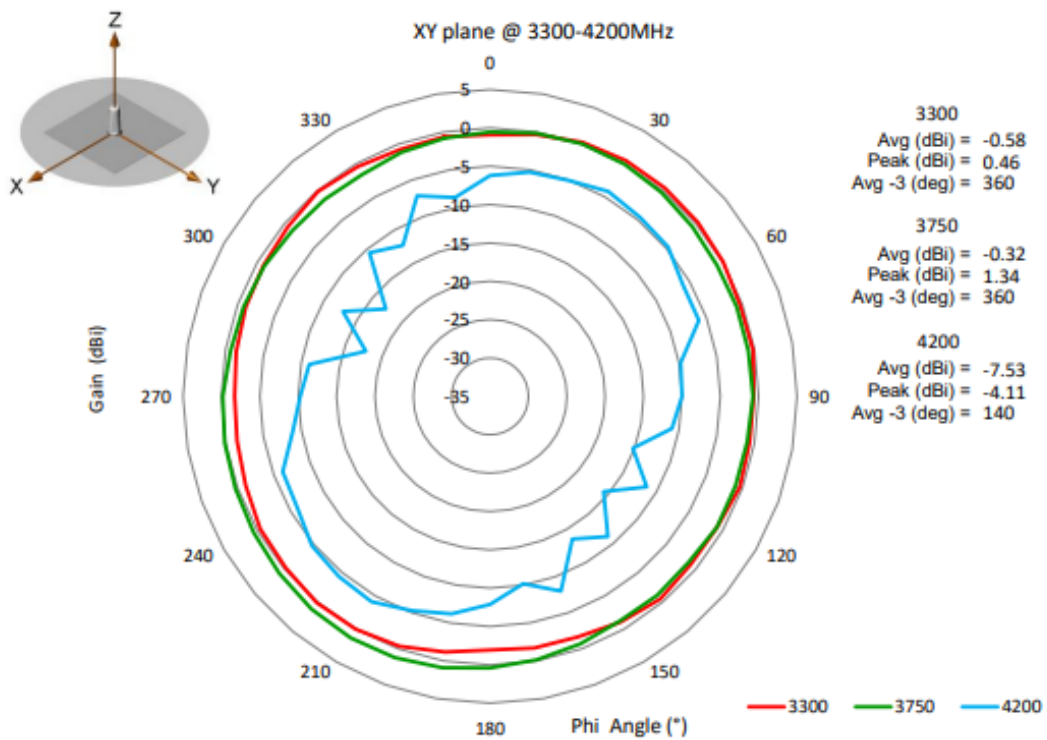
Efficiency vs Frequency



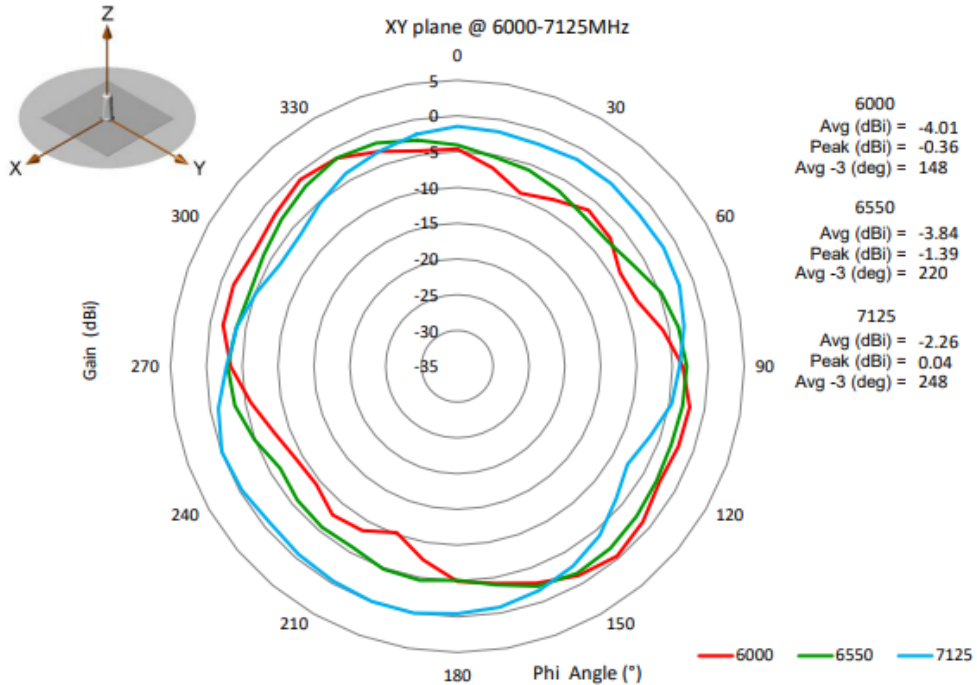
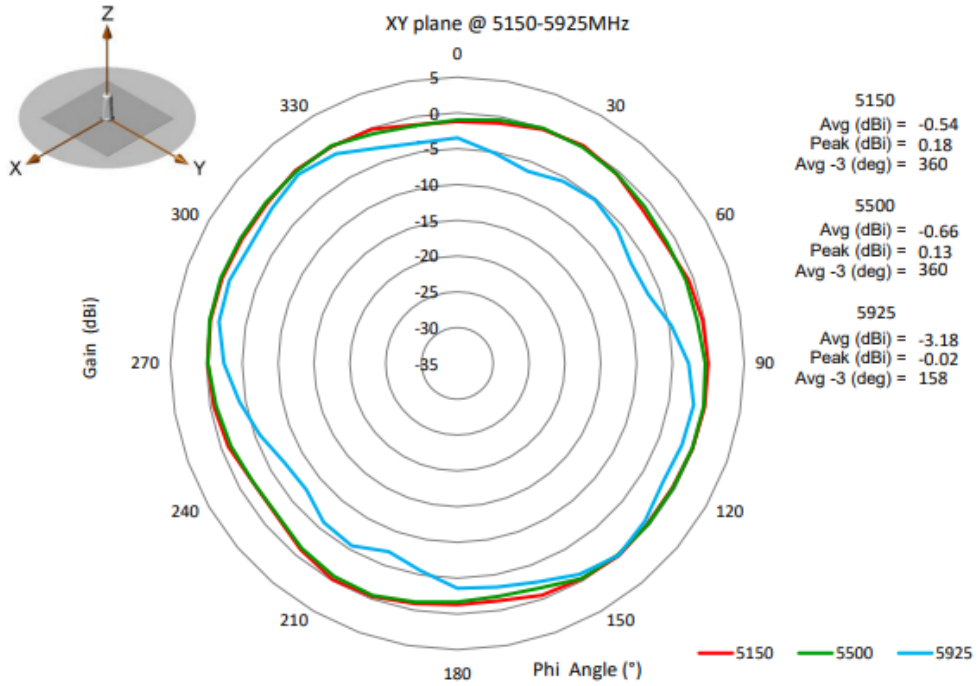
## CHARTS



## CHARTS

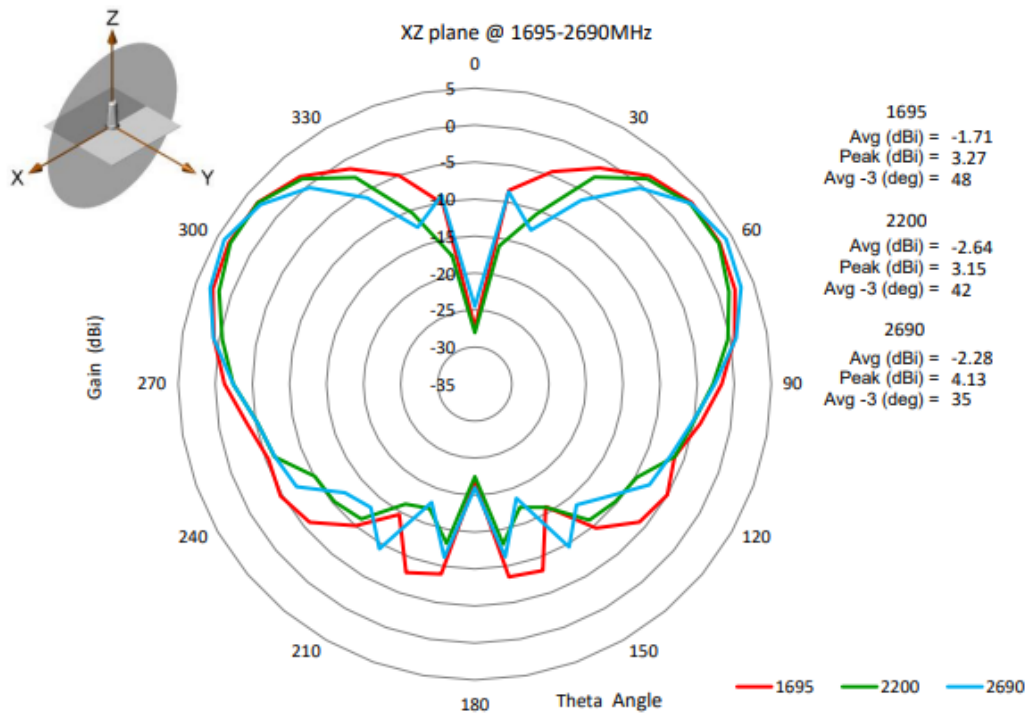
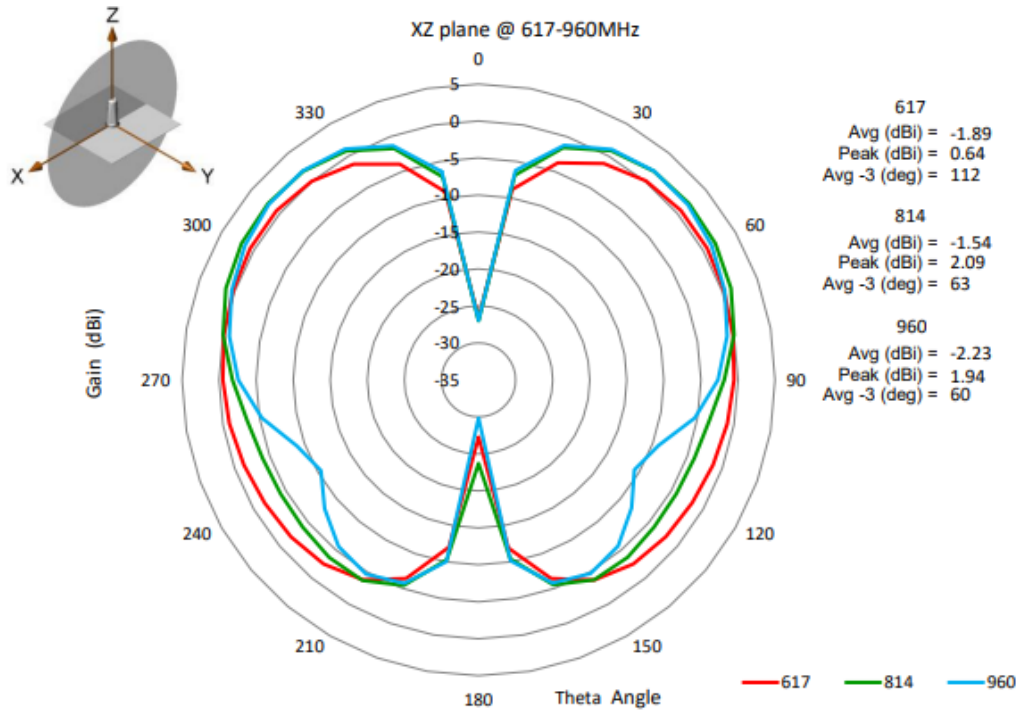


## CHARTS

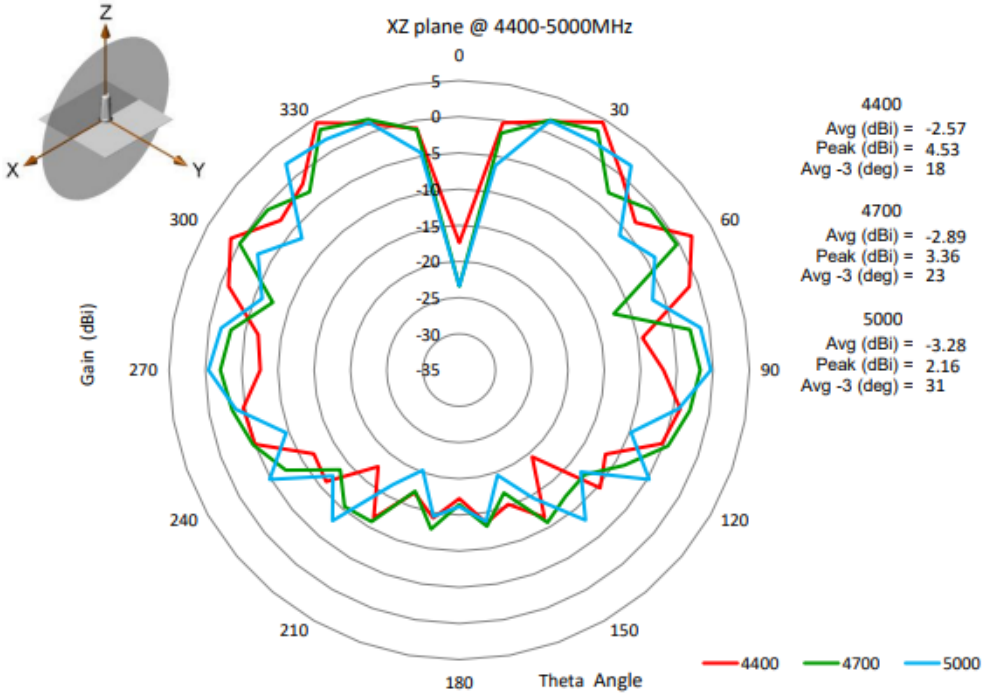
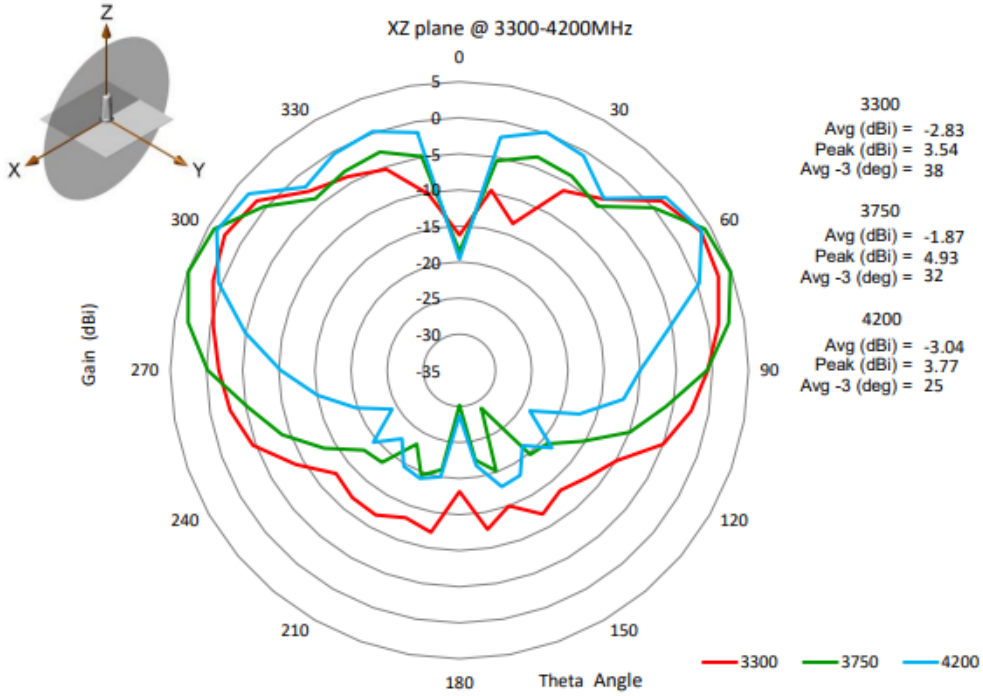




## CHARTS



## CHARTS



## CHARTS

