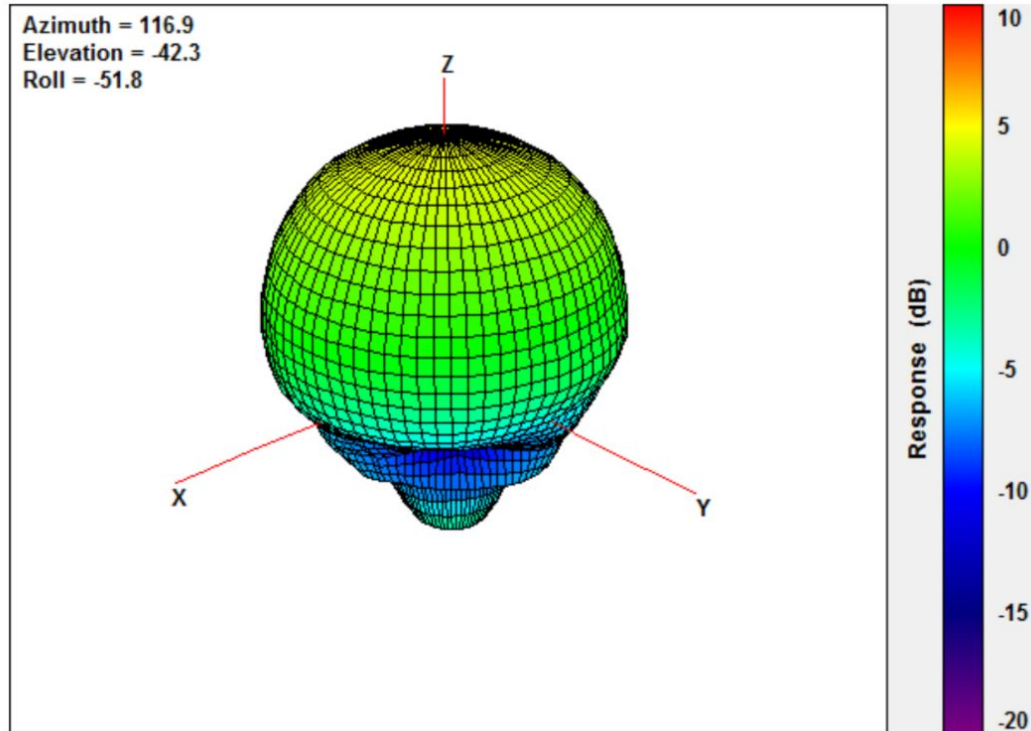


# Satellite Iridium Pattern

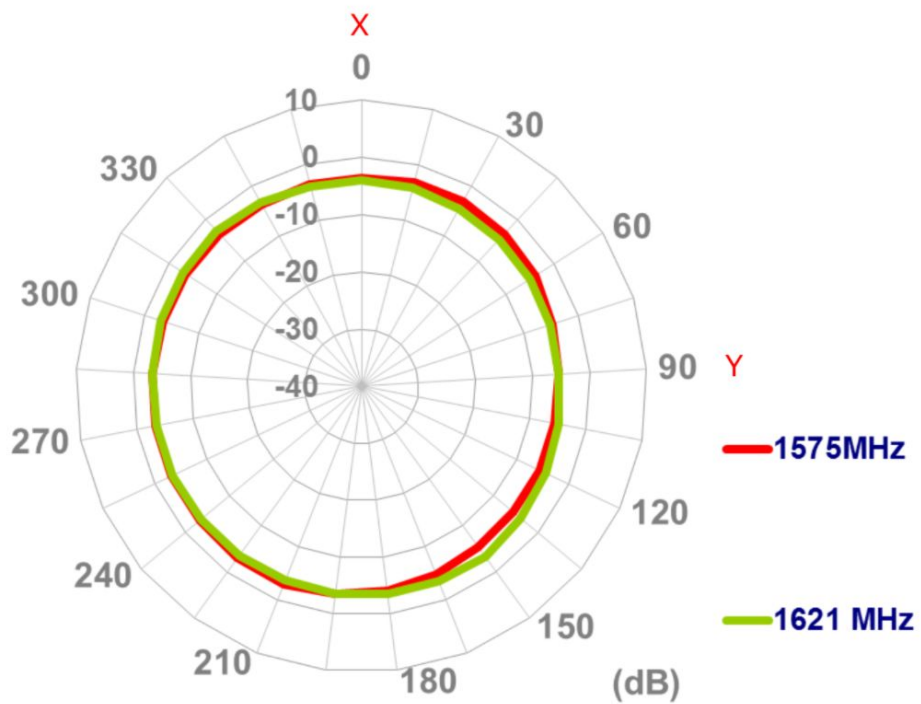
Patch Antenna

## 4.2. 3D Radiation Pattern @ 1621MHz

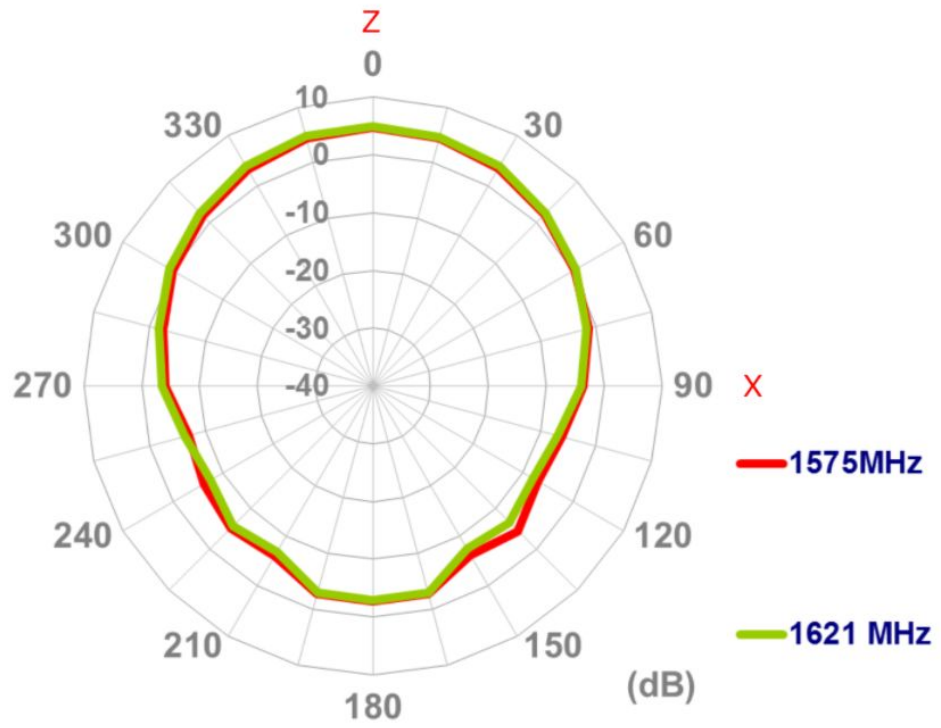


## 4.3. 2D Radiation Pattern

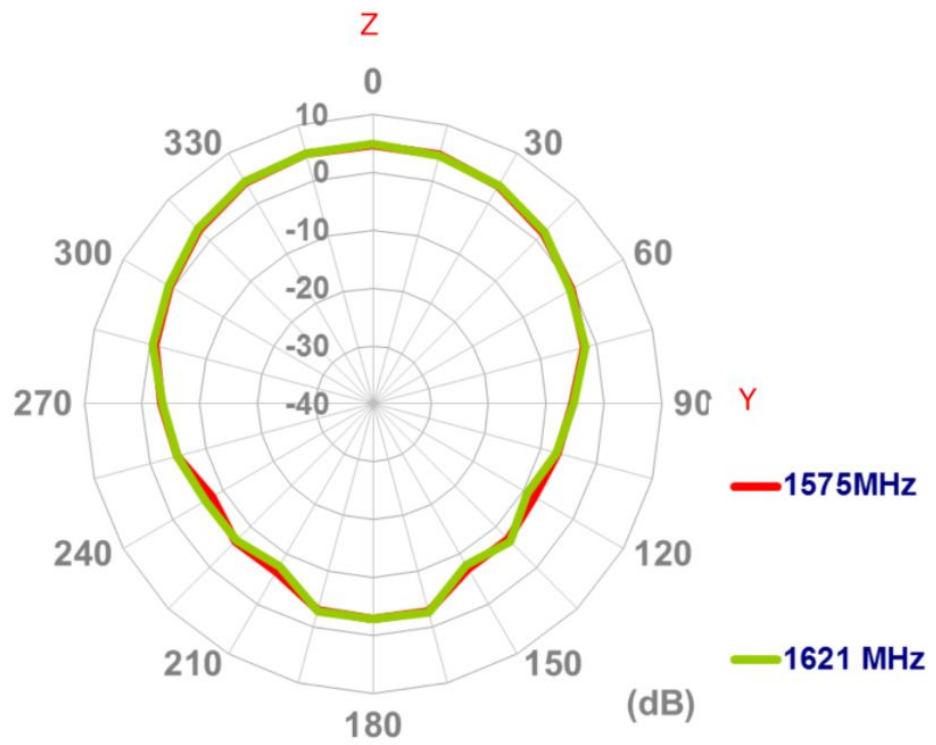
XY Plane



XZ Plane



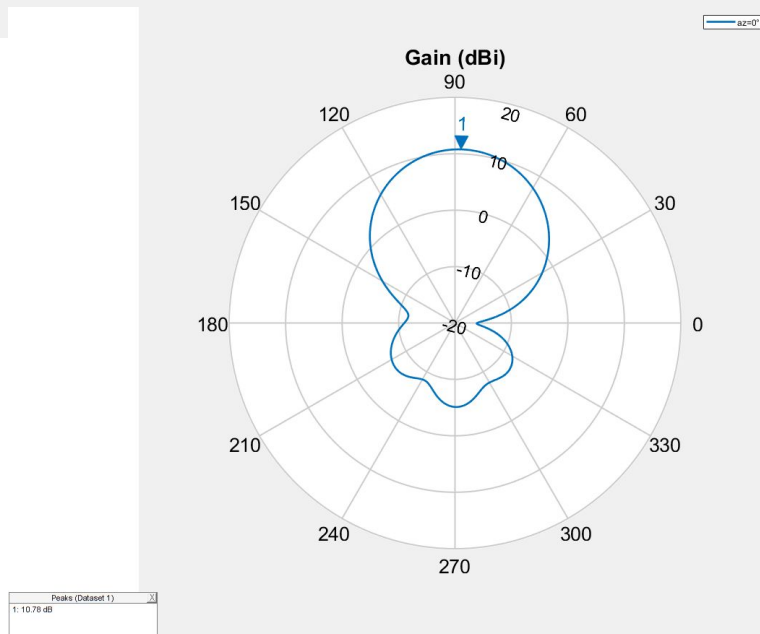
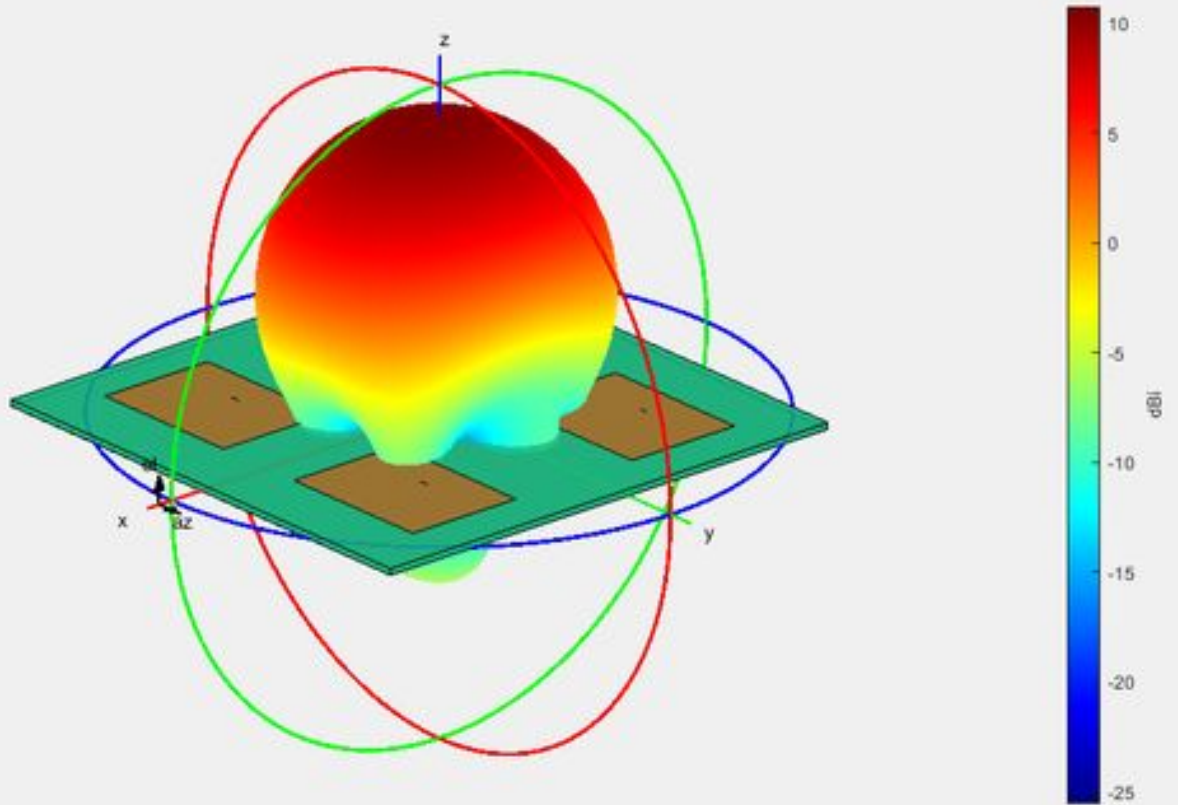
ZY Plane



# C-band Radar Antenna Radiation Patterns

Output : Gain  
Frequency : 5.225 GHz  
Max value : 10.8 dBi  
Min value : -25.6 dBi  
Azimuth : [-180° , 180°]  
Elevation : [-90° , 90°]

## Patch Array Antenna



The radar uses a 2x2 patch array antenna designed by Care Weather. The radiation pattern is approximately axisymmetric about the z-axis.