

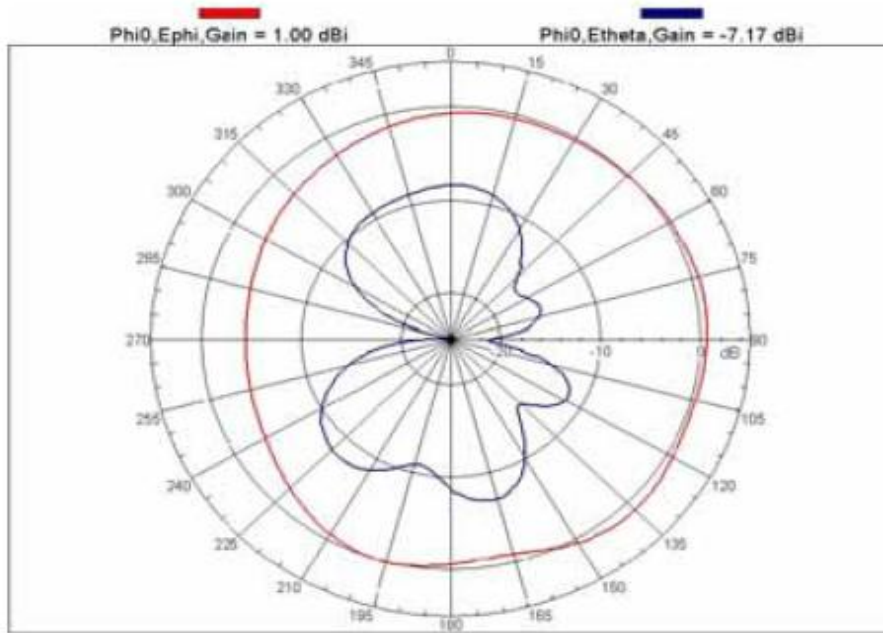
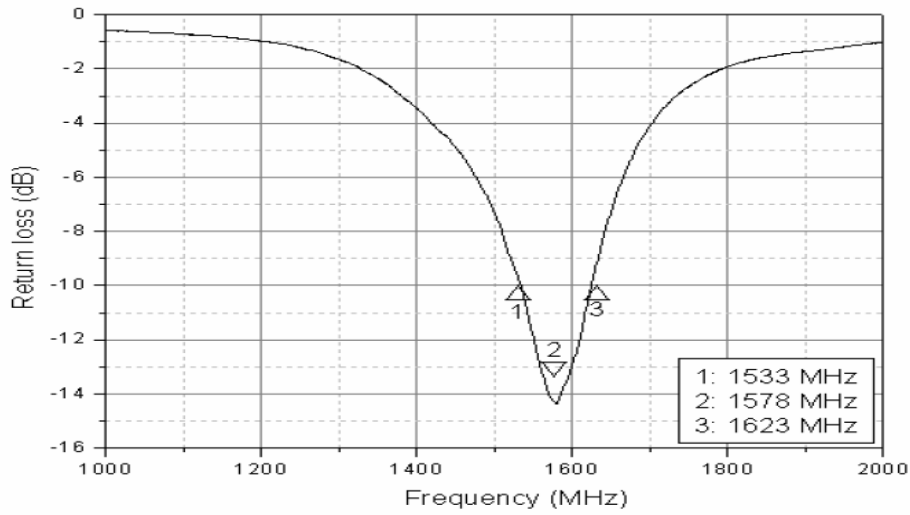


GPS/Iridium Antenna Specification

(Model: SPK-GPS-Iridium-098)



- **Antenna**
- Frequency (MHz) : 1575/1623
- VSWR: 1.5:1
- Bandwidth (MHz) : ± 5
- Impedance (Ω) : 50
- Polarization: Linear
- Pattern: Omni-Directional
- **(ii) Mechanical**
- Weight (gram) <35
- Antenna Length (mm) : 100
- Max diameter (mm) : 14
- Min diameter (mm) : 10
- Connector: SMA male
- Housing: Black
- **(iii) Environmental**
- Working Temp: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Storage Temp: $-45^{\circ}\text{C} \sim +100^{\circ}\text{C}$
- Vibration: Sine sweep 1g(0-p)10~50~10Hz each axis
- Humidity: Humidity95%~100%RH
- Weatherproof: 100%Waterproof



Phi=0° for 1.575 GHz