

## Description

Operating across the 400-6000MHz frequency range and supporting 250W max power, this omni-directional cylinder antenna suits versatile wireless needs. It provides all-directional signal coverage for scenarios like base stations and IoT networks, with stable performance via low signal loss. Made of durable materials, it withstands extreme temperatures for reliability in harsh environments, and its user-friendly design simplifies installation, balancing practicality and performance.



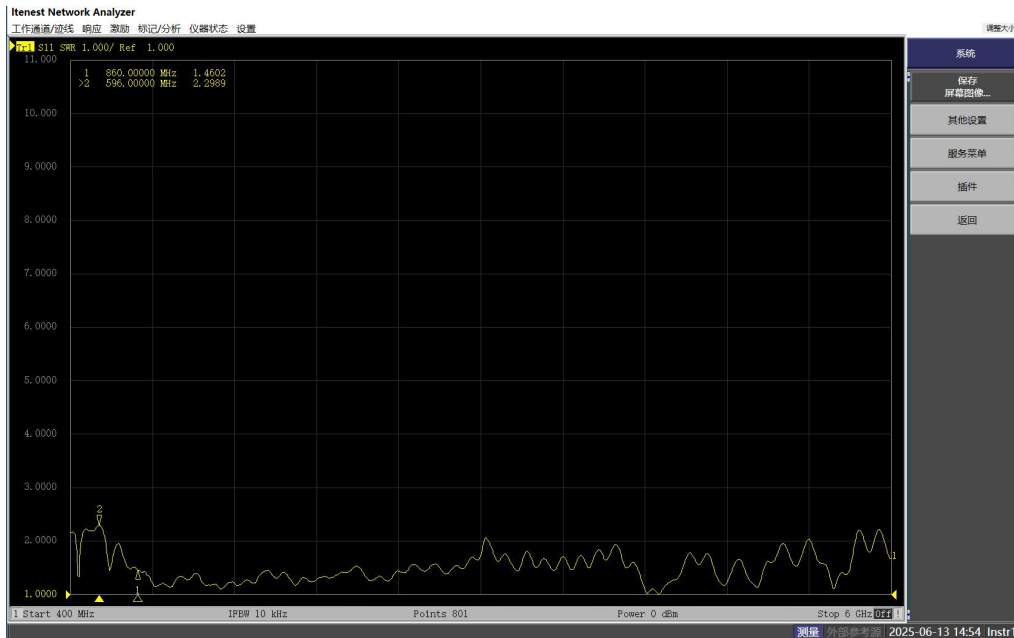
## PERFORMANCE SPECIFICATIONS

Electrical Specifications					
Parameter	Min	Typ	Max	Unit	Test Condition
Frequency Range	400		6000	MHz	
Gain			9	dB	
Half-Power Beamwidth					H-Plane: -° E-Plane: 122.19°
V.S.W.R			< 2.0		
Impedance			50	Ω	
Polarization					Vertical
Power Max			250	W	

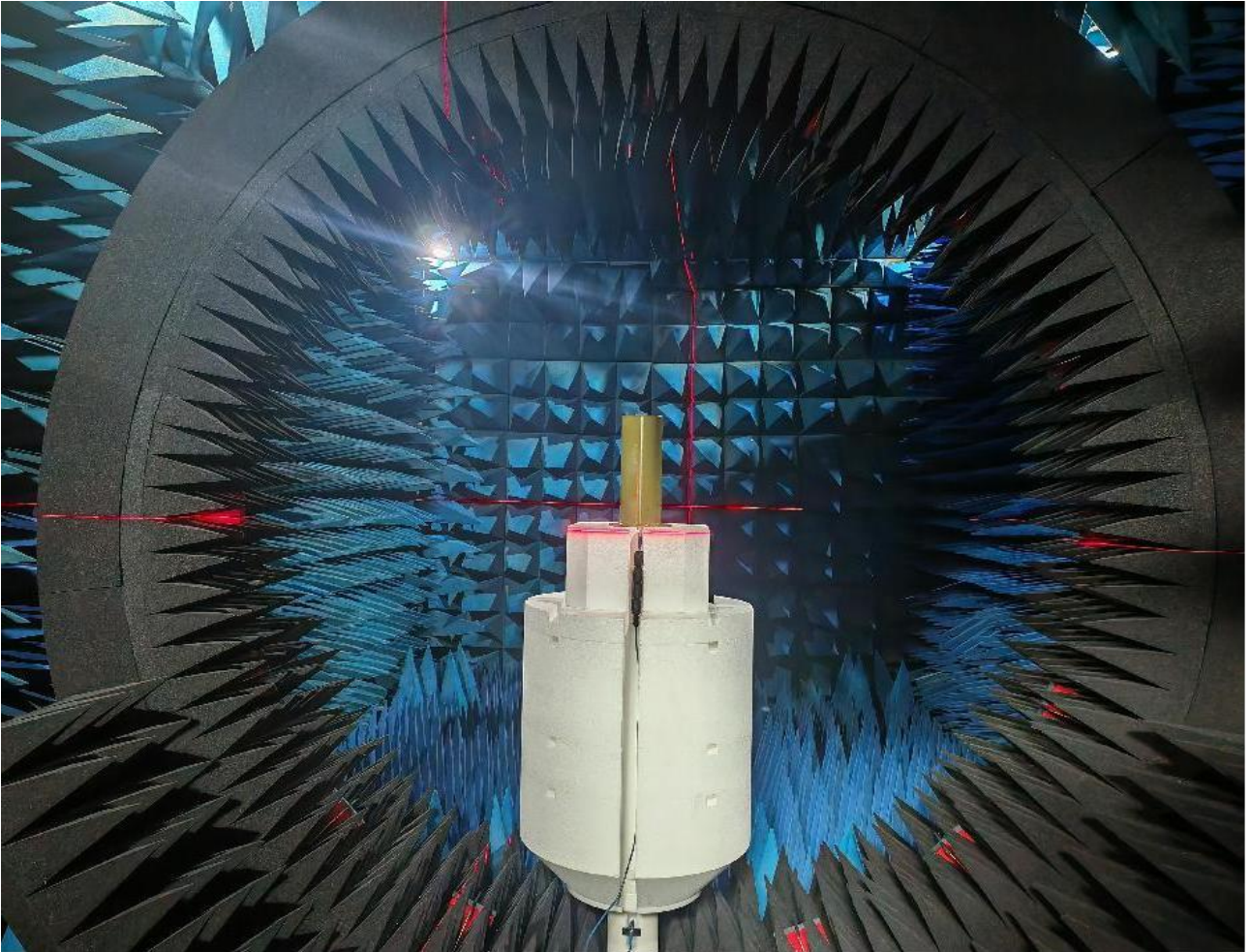
Mechanical Specifications					
Parameter	Min	Typ	Max	Unit	Test Condition
Connector					N-J
Cable Diameter and Color					No Cable
Element Material					Copper
Radome Material					Nylon
Connector Placement					Bottom
Size					Φ 90*240( Φ 145mm Flange)
Weight					≈ 1kg
Operating Temperature					-40°C-65°C
Storage Temperature					-40°C-80°C



### V.S.W.R

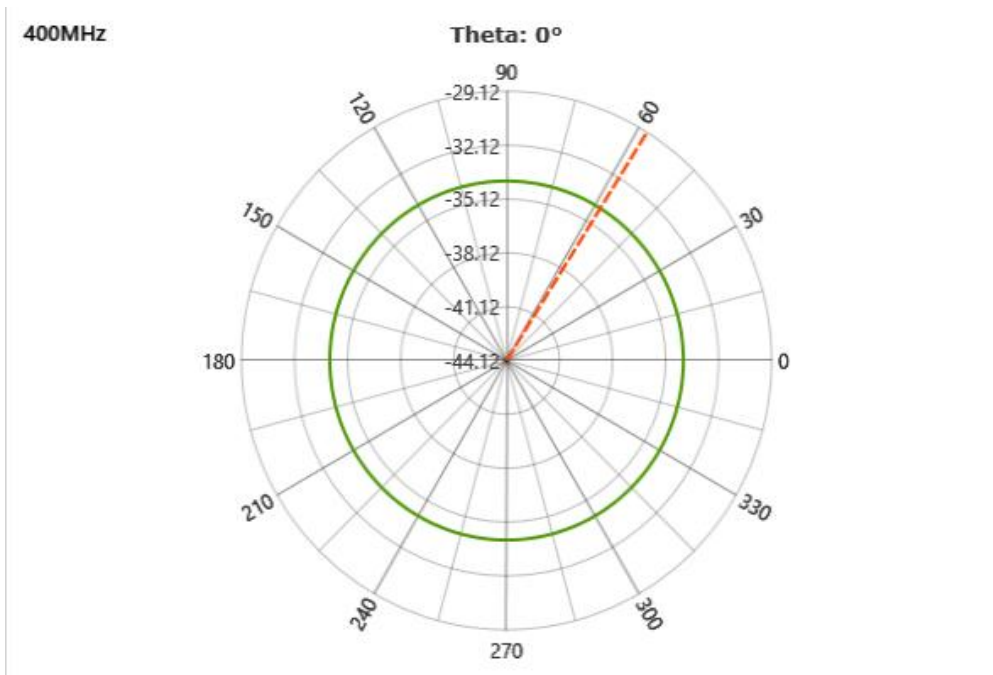


## TESTING PATTERNS

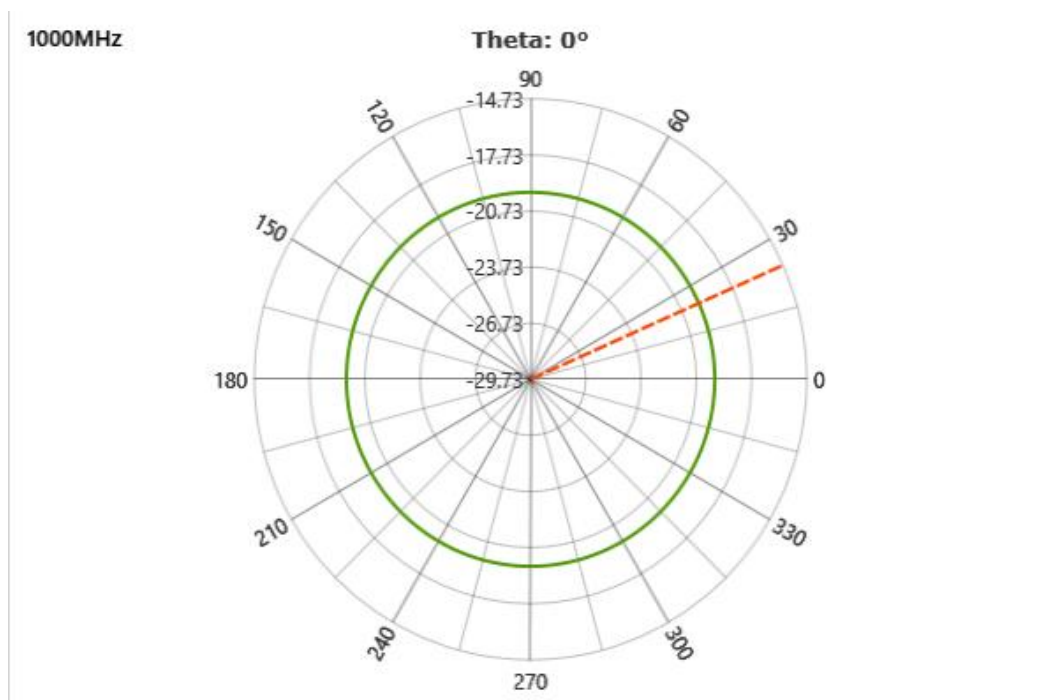


### Horizontal Pattern

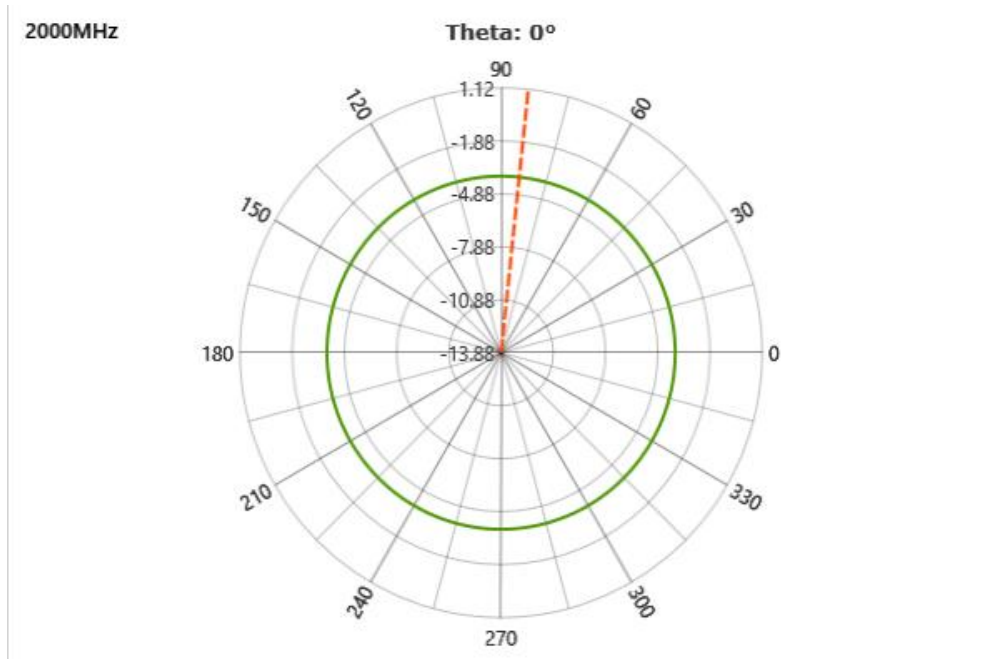
o F=400MHz Horizontal Pattern



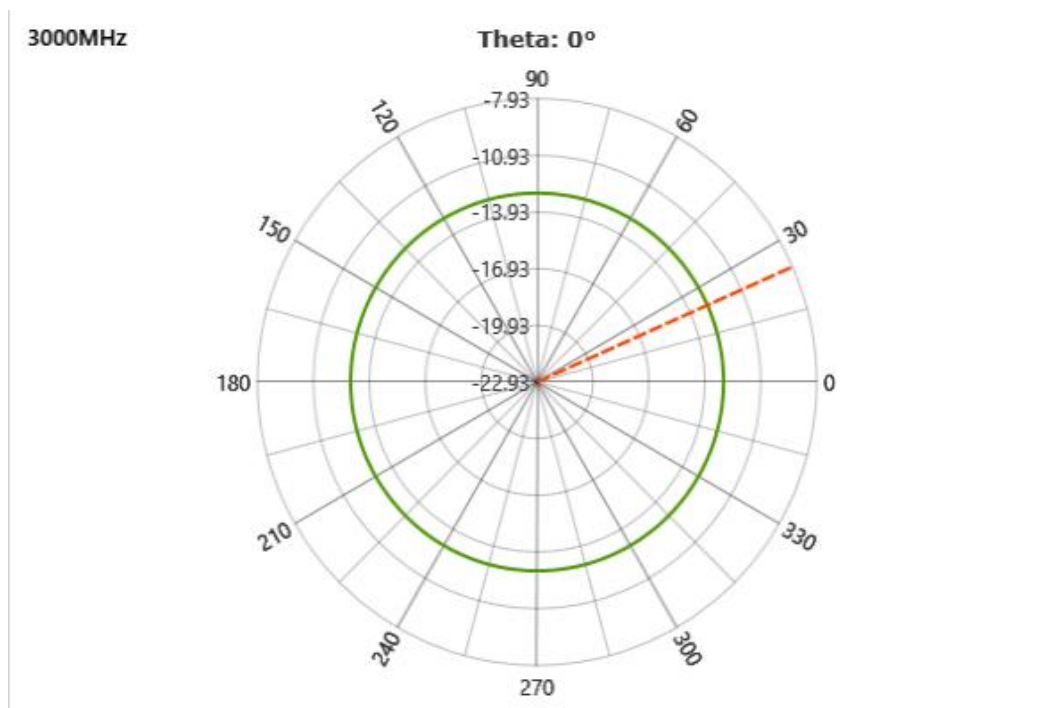
o F=1000MHz Horizontal Pattern



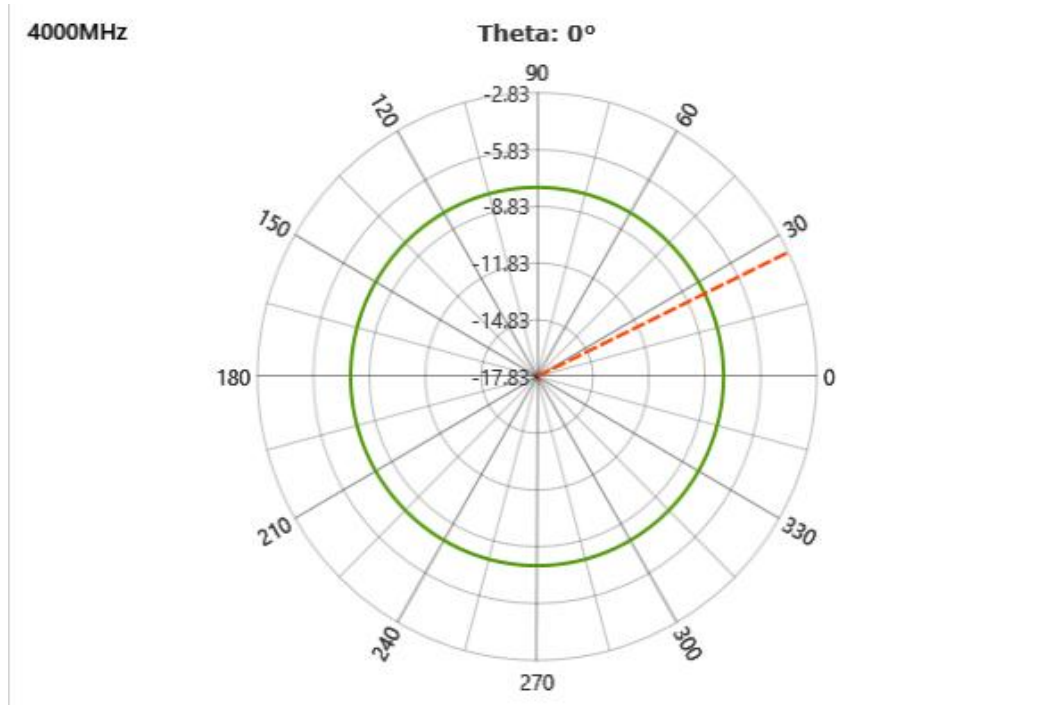
F=2000MHz Horizontal Pattern



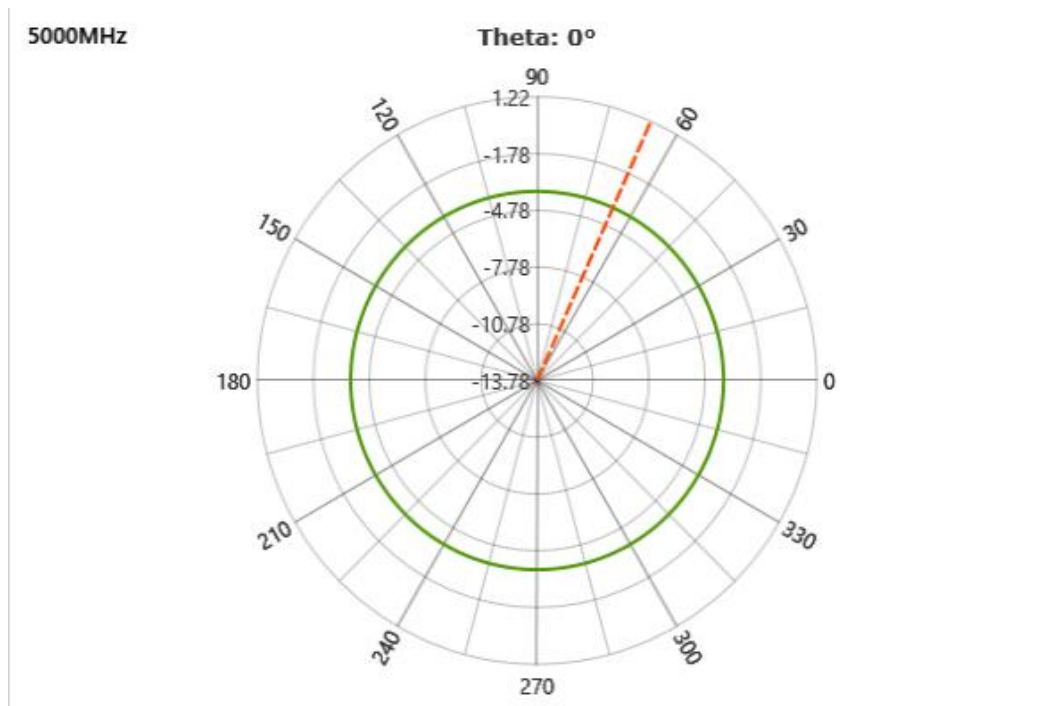
F=3000MHz Horizontal Pattern



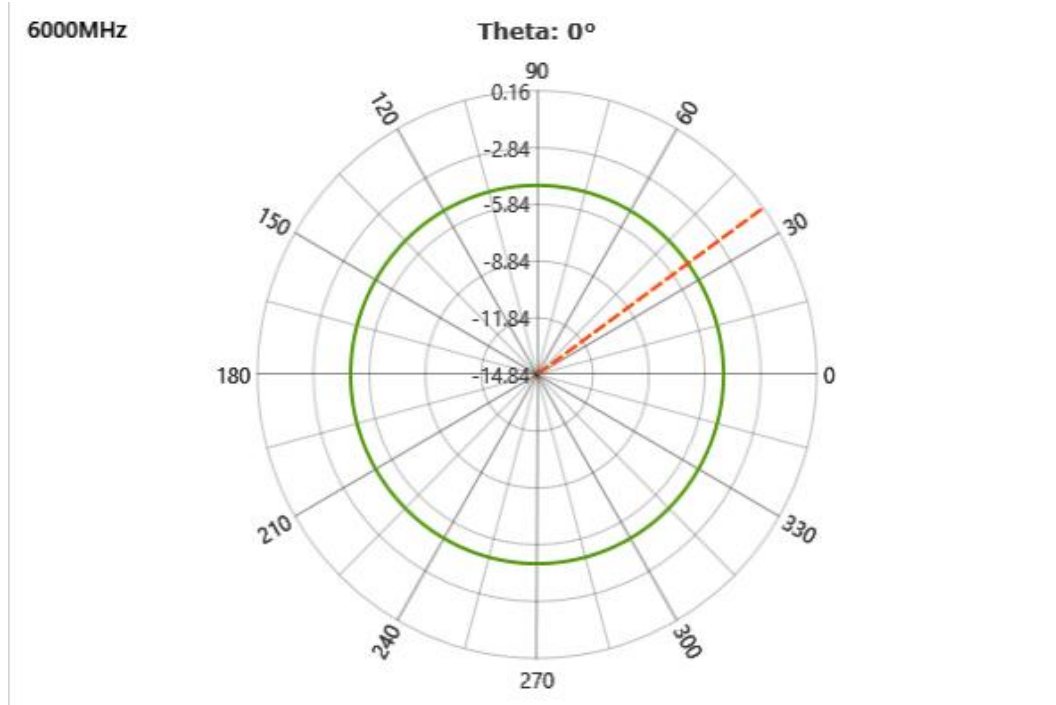
F=4000MHz Horizontal Pattern



F=5000MHz Horizontal Pattern

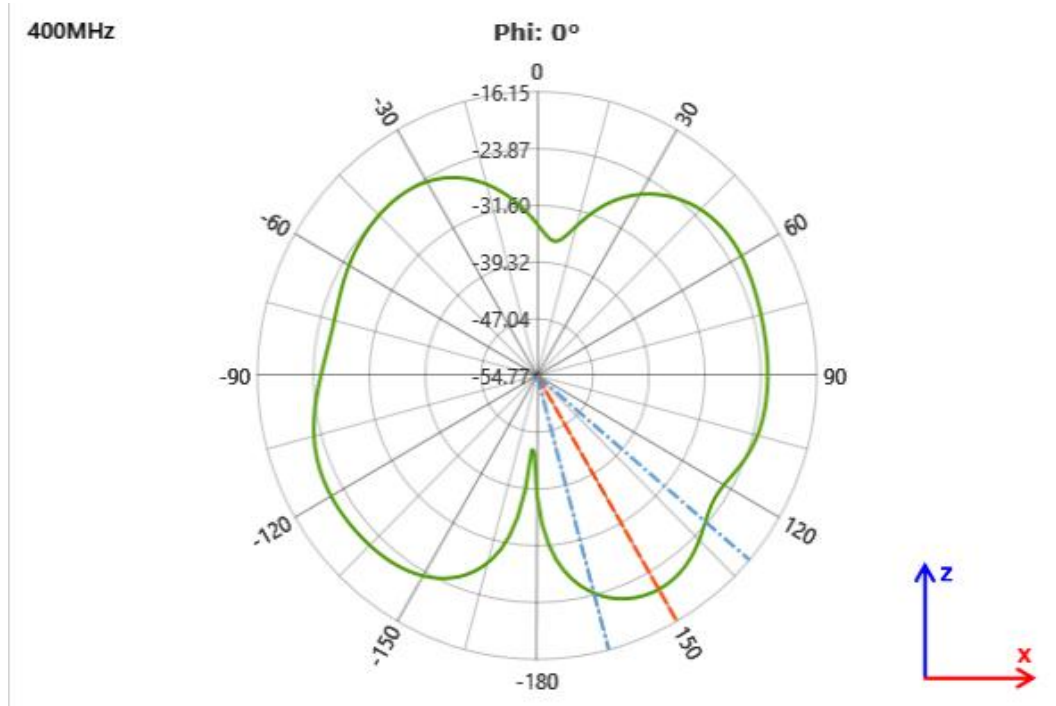


F=4000MHz Horizontal Pattern

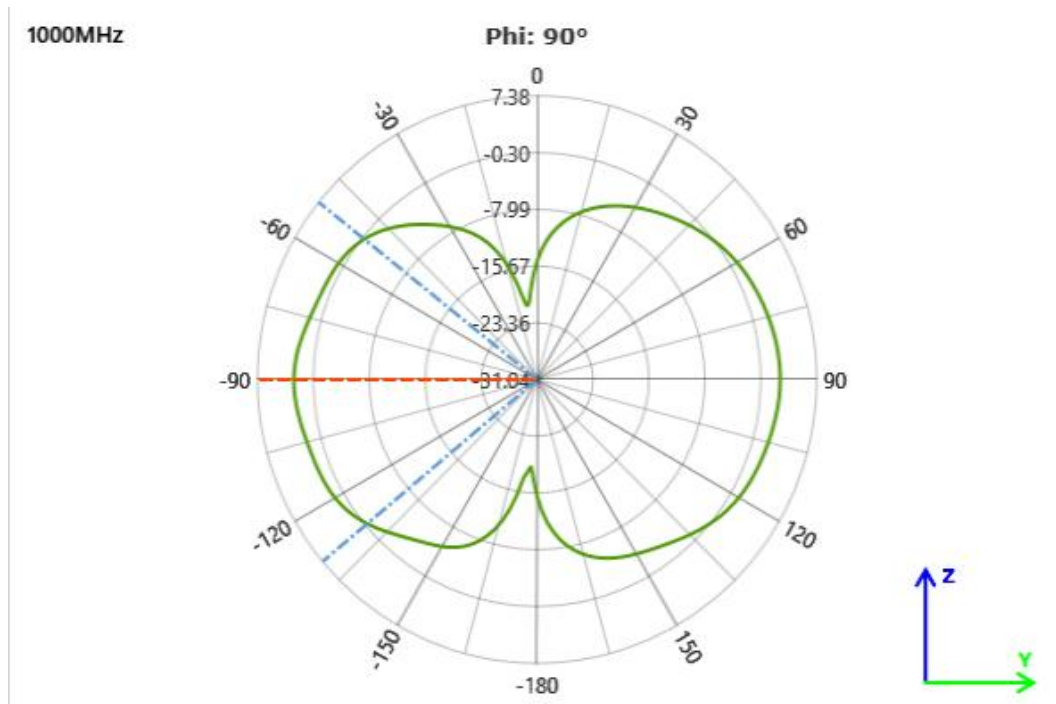


### Vertical Pattern

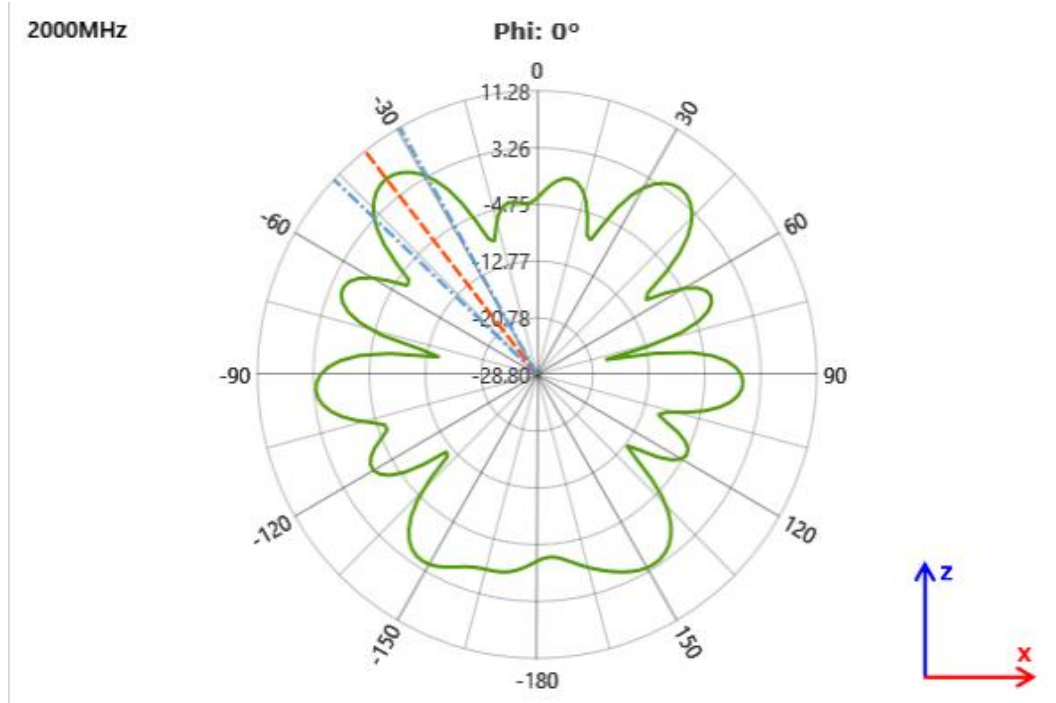
o F=400MHz Vertical Pattern



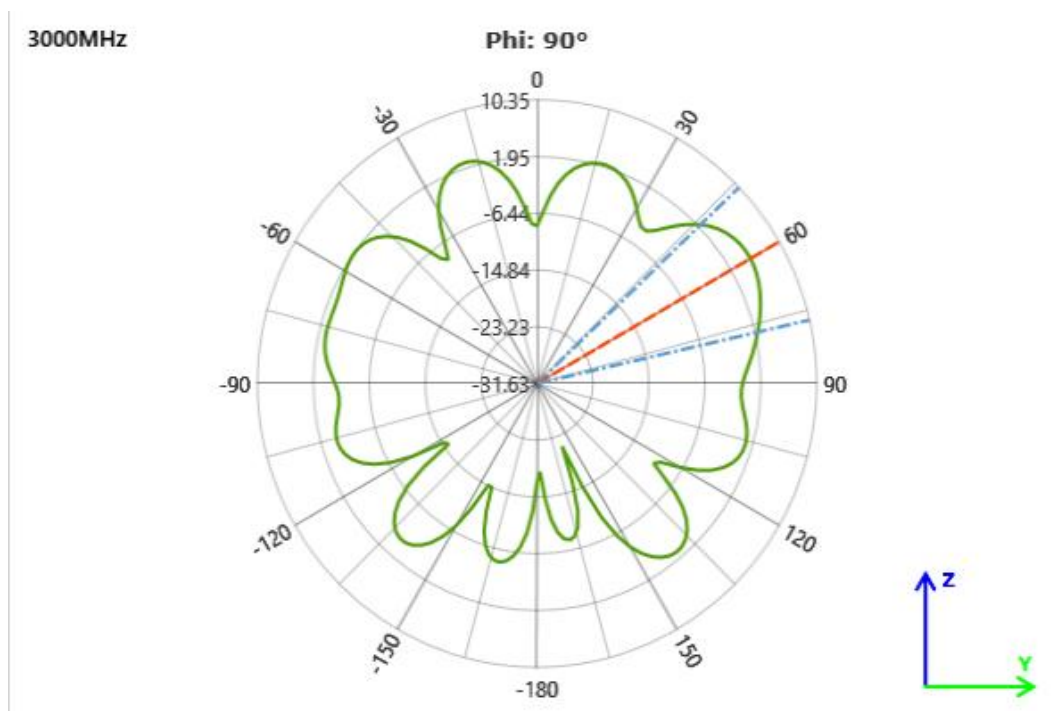
F=1000MHz Vertical Pattern



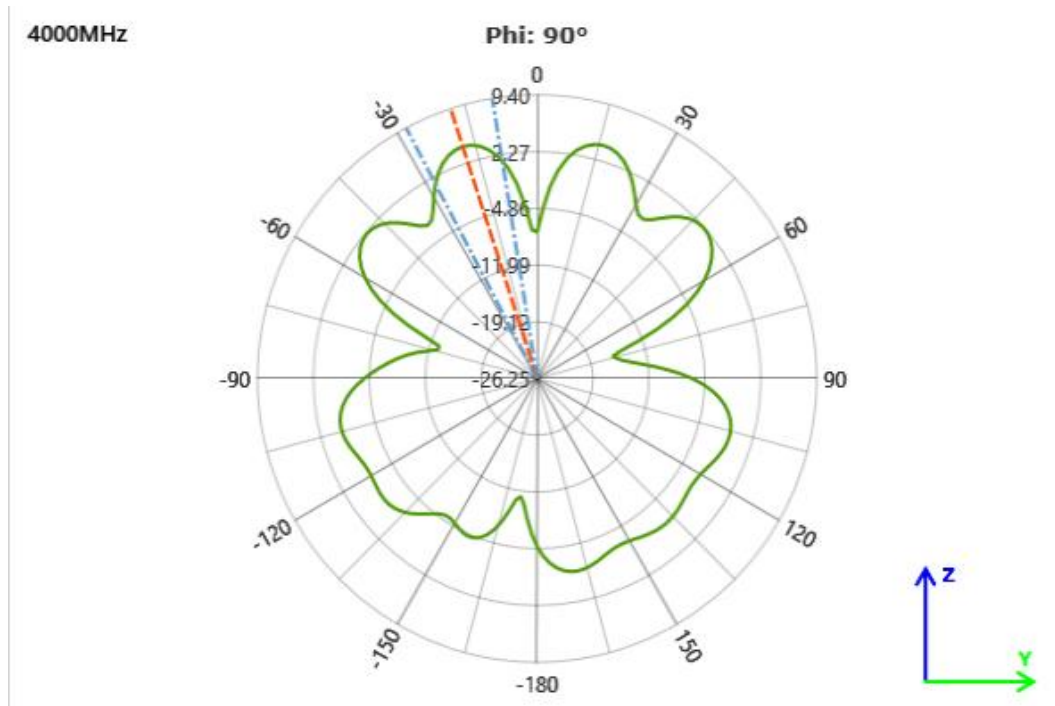
o F=2000MHz Vertical Pattern



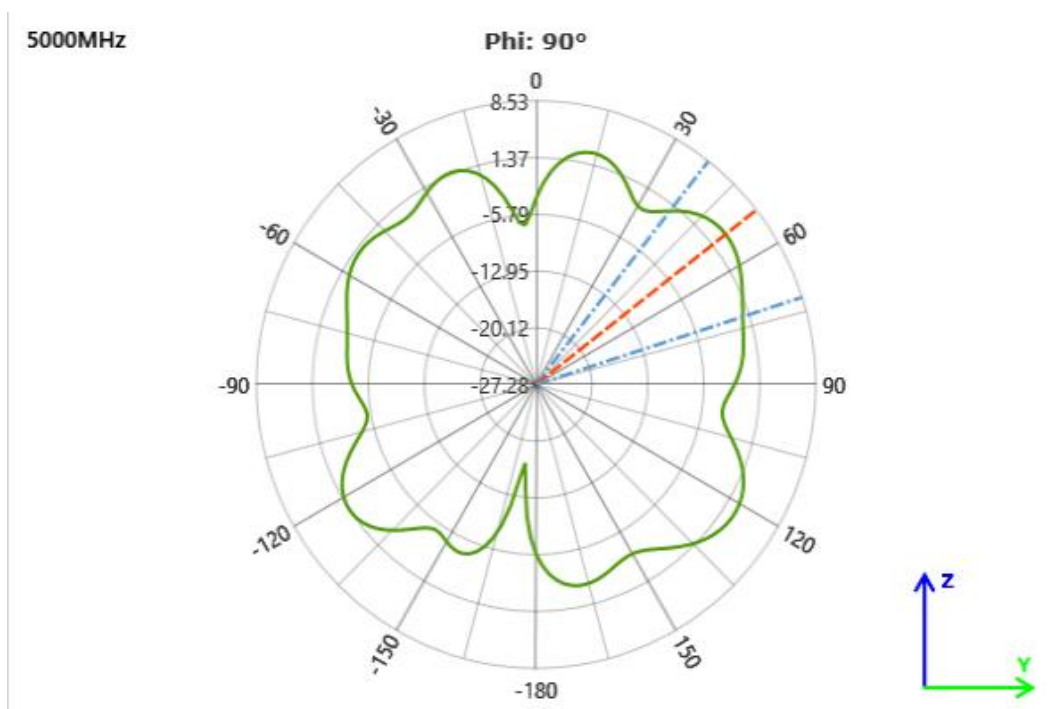
o F=3000MHz Vertical Pattern



o F=4000MHz Vertical Pattern



o F=5000MHz Vertical Pattern



o F=6000MHz Vertical Pattern

