

Description

Operating across the 800-2600MHz 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	800		2600	MHz	
Gain			5.5	dB	
Half-Power Beamwidth					H-Plane: -° E-Plane: 115.77°
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*120(Φ 140mm Flange)
Weight					600g
Operating Temperature					-40°C-65°C
Storage Temperature					-40°C-80°C

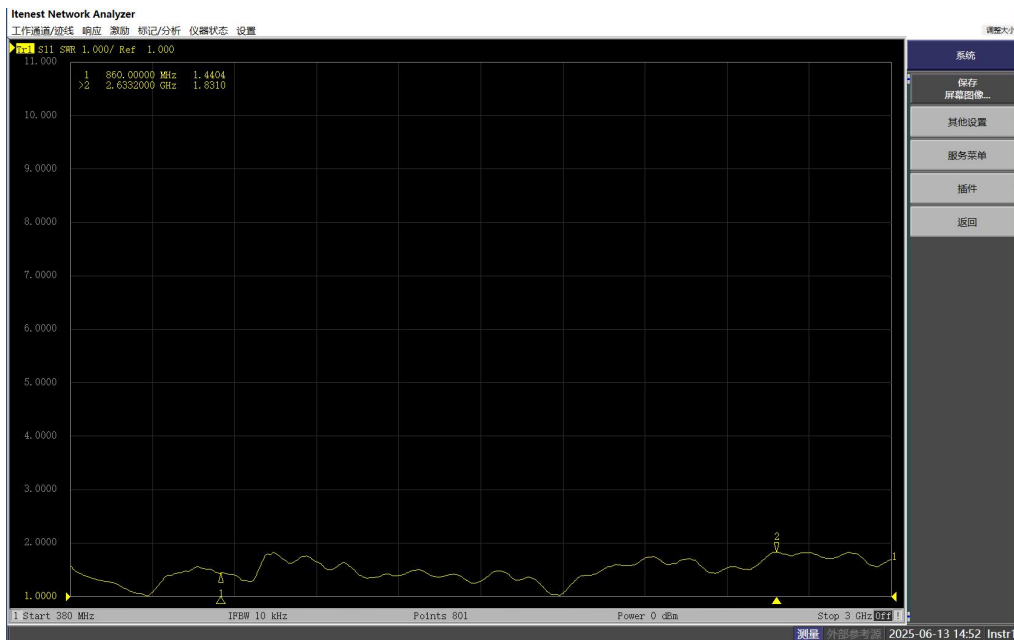


Front

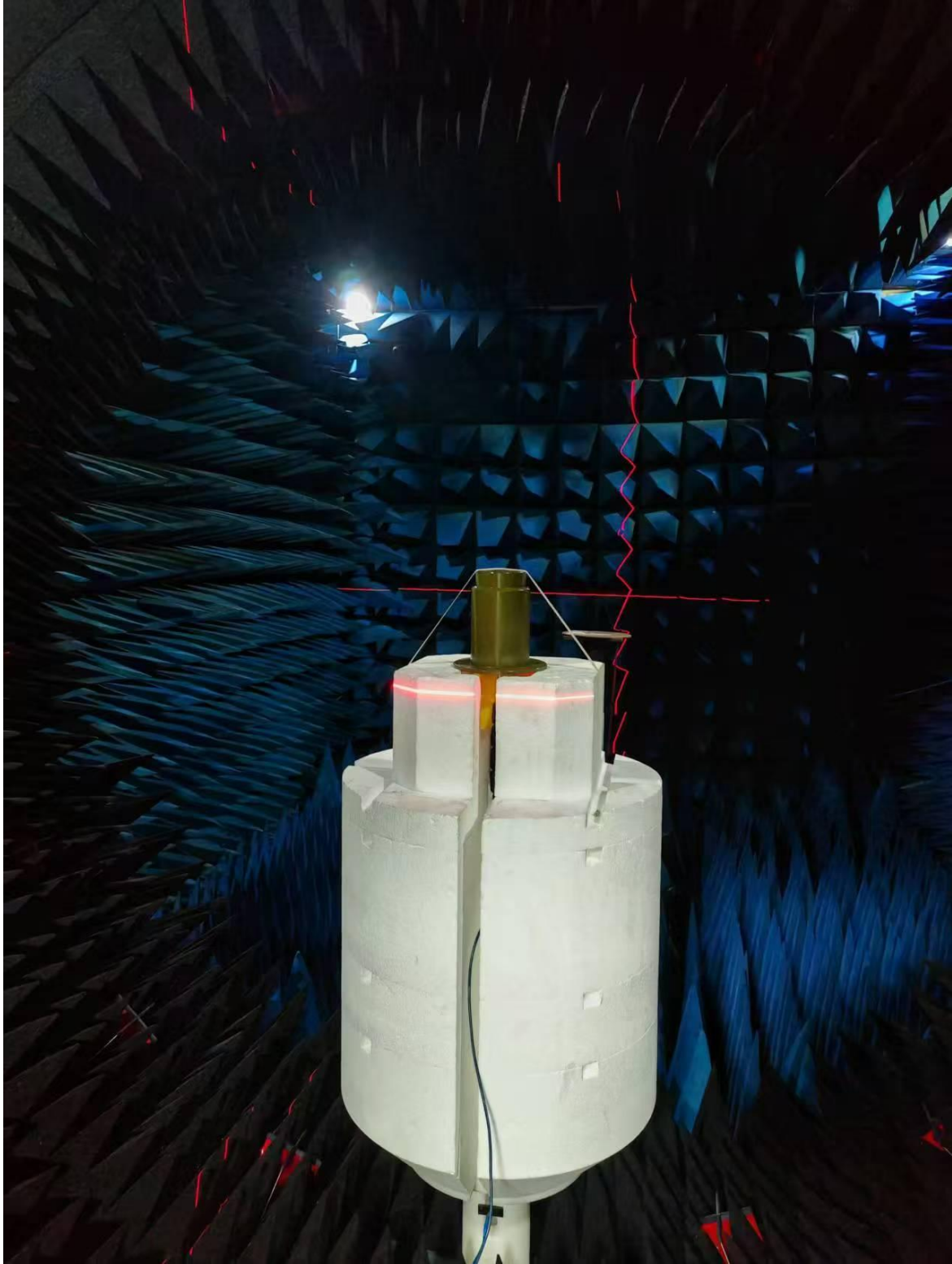


bottom

V.S.W.R

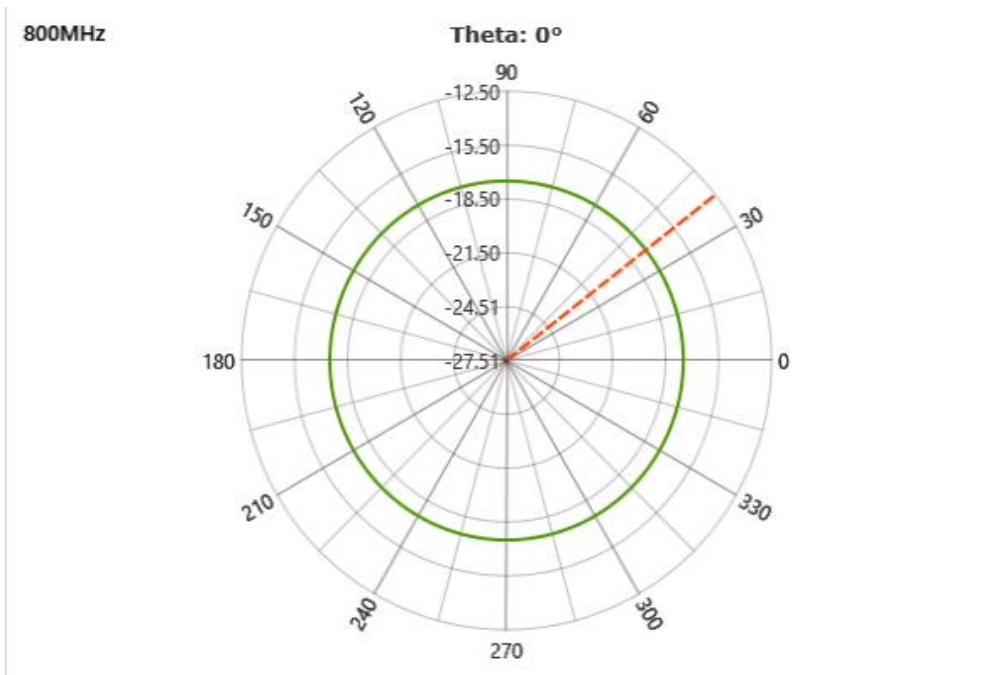


TESTING PATTERNS

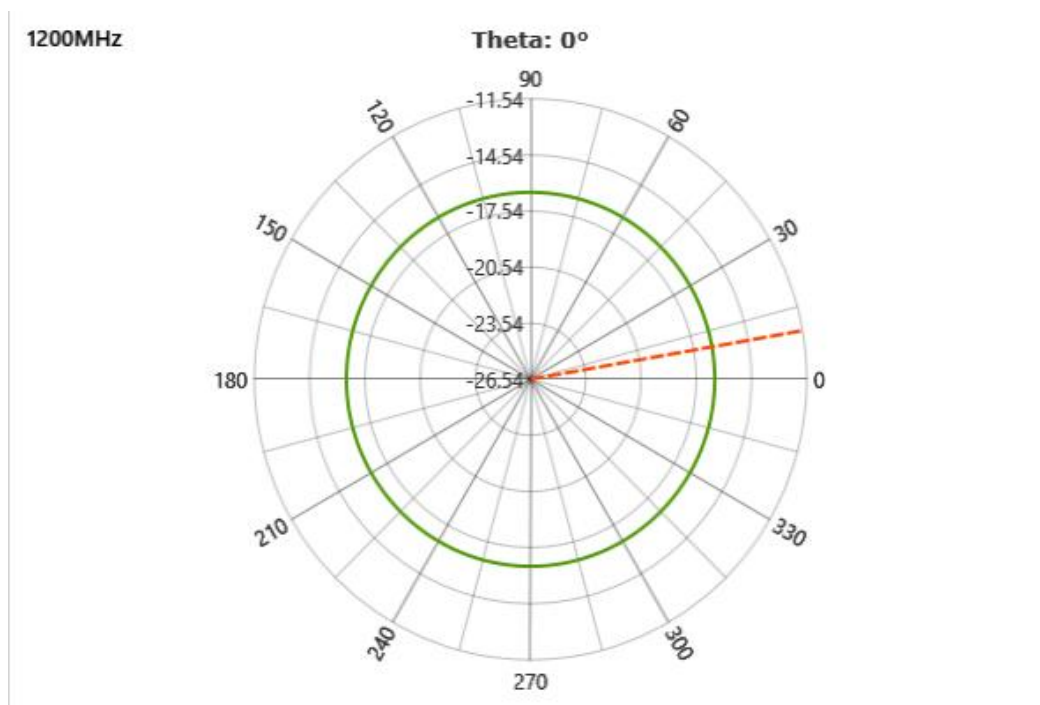


Horizontal Pattern

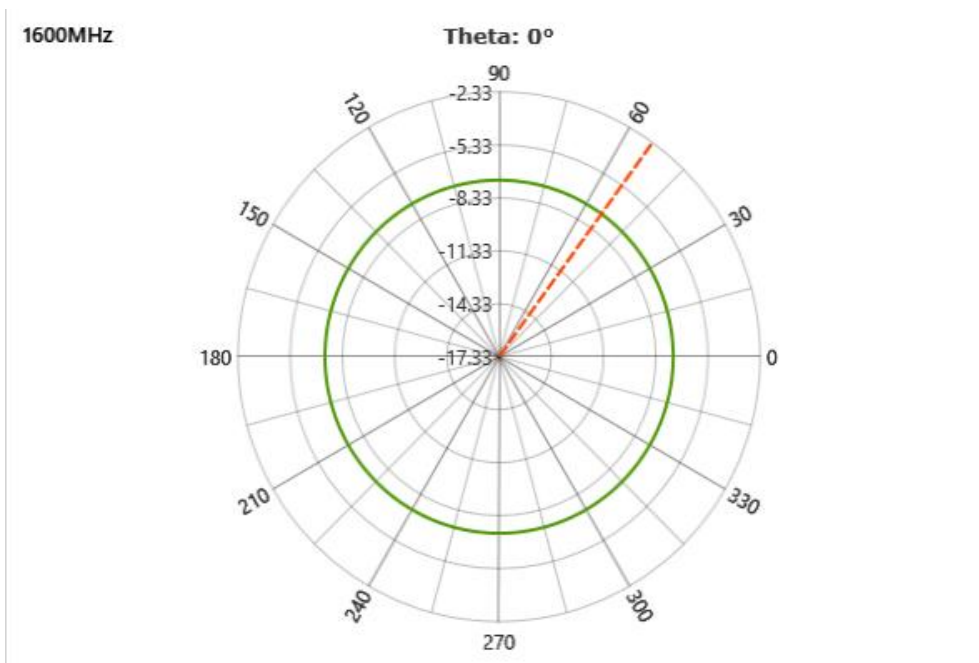
o F=800MHz Horizontal Pattern



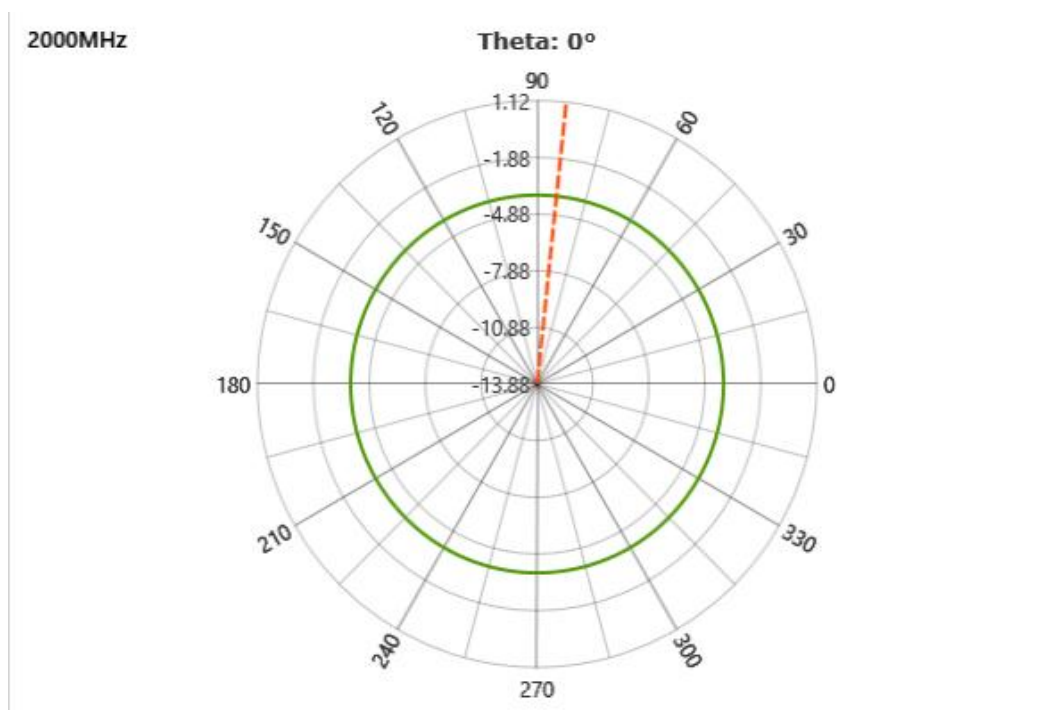
o F=1200MHz Horizontal Pattern



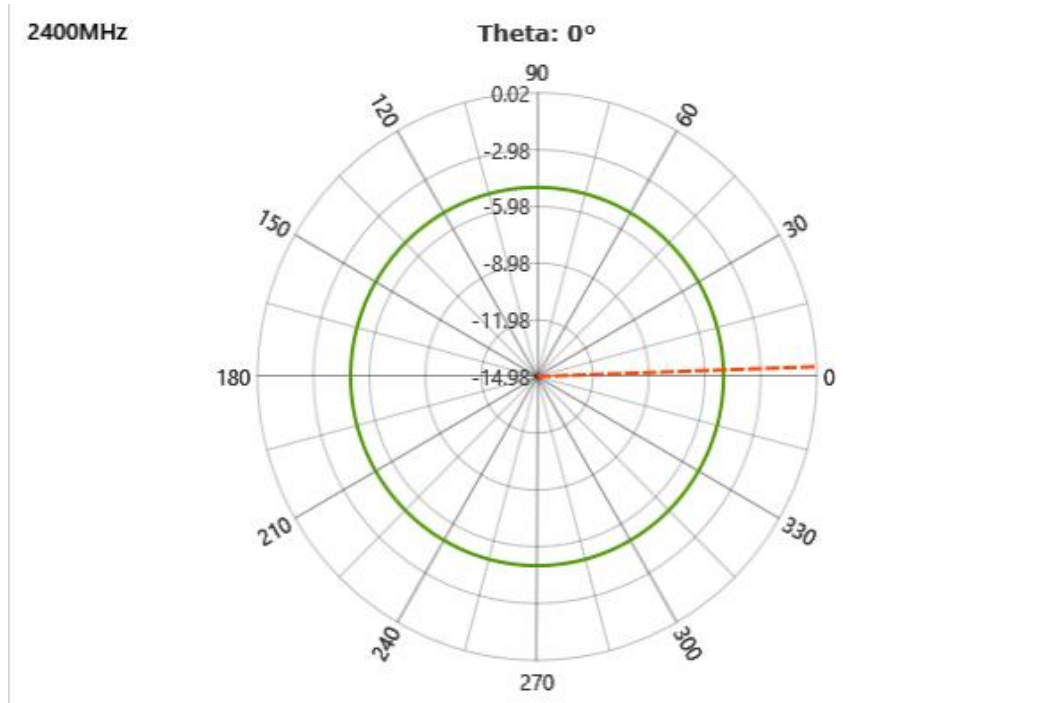
F=1600MHz Horizontal Pattern



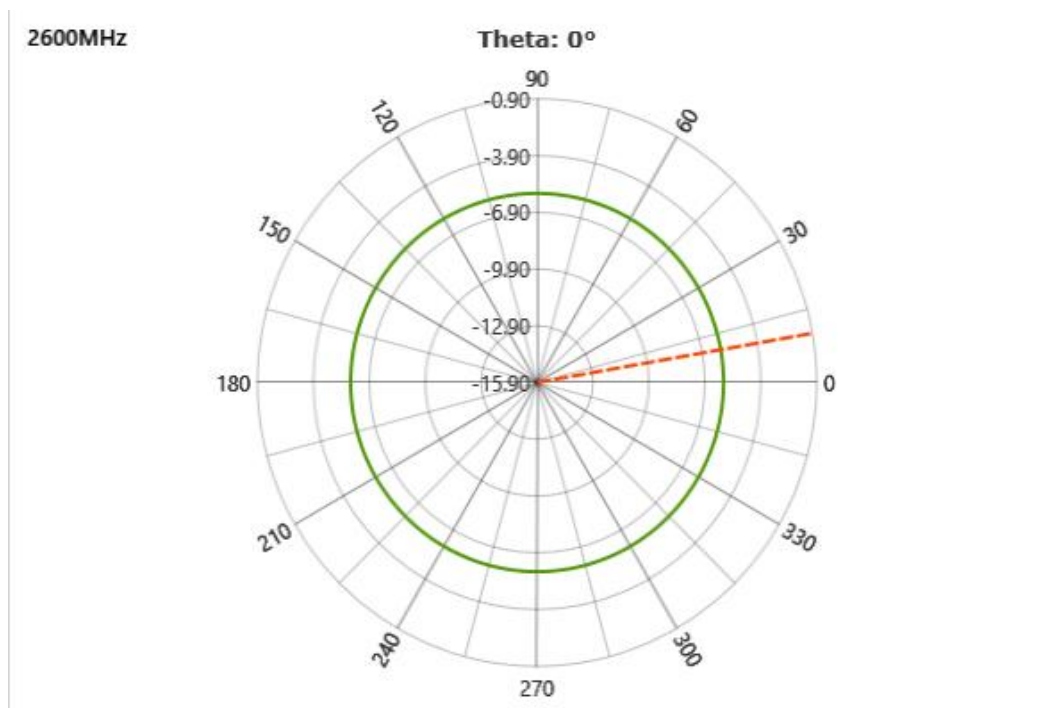
F=2000MHz Horizontal Pattern



F=2400MHz Horizontal Pattern

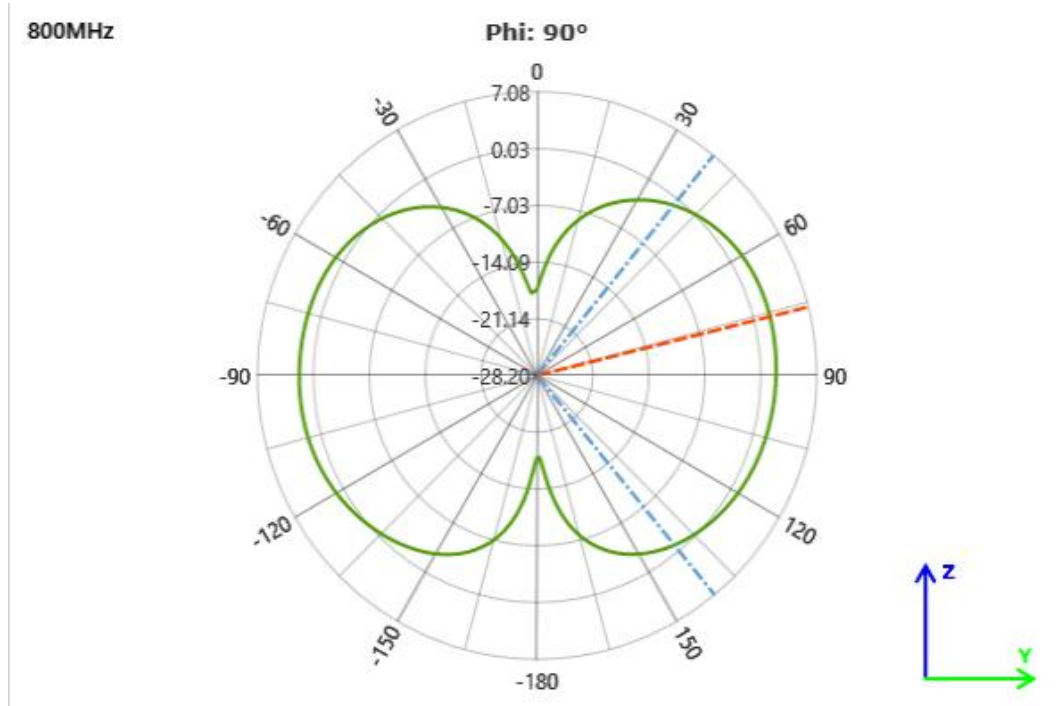


F=2600MHz Horizontal Pattern

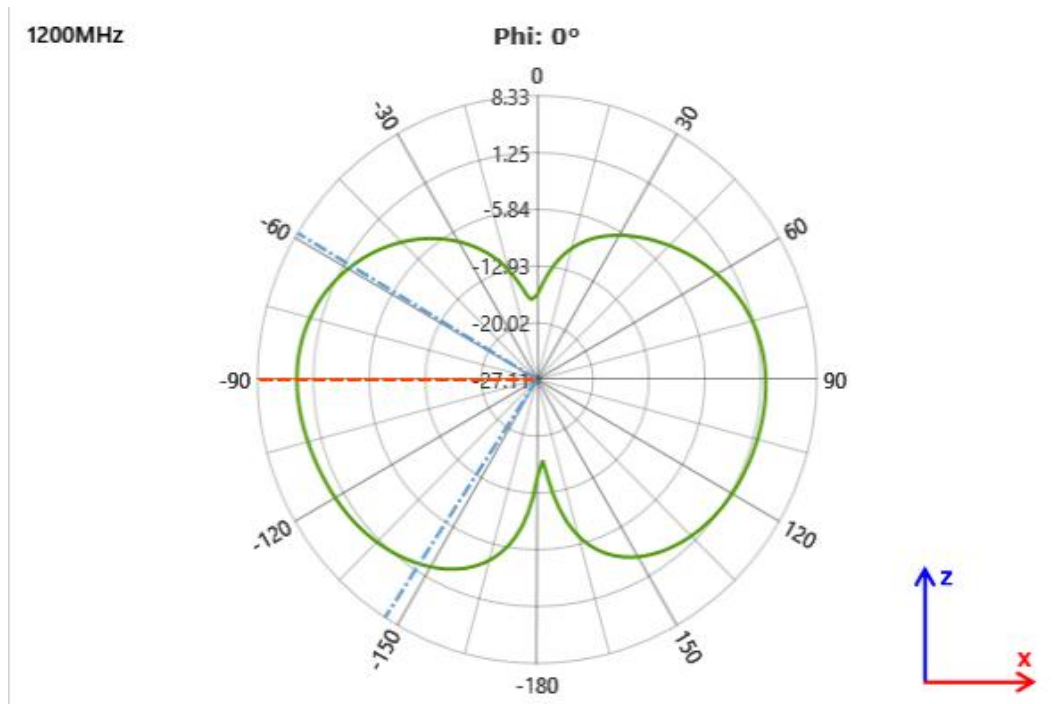


Vertical Pattern

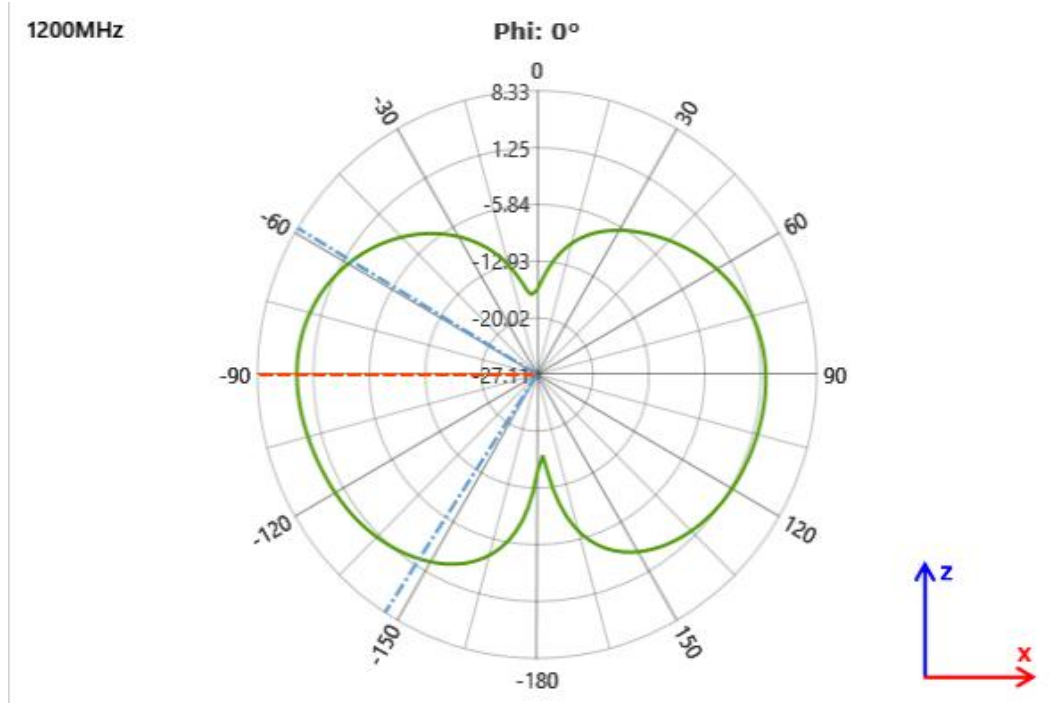
o F=800MHz Vertical Pattern



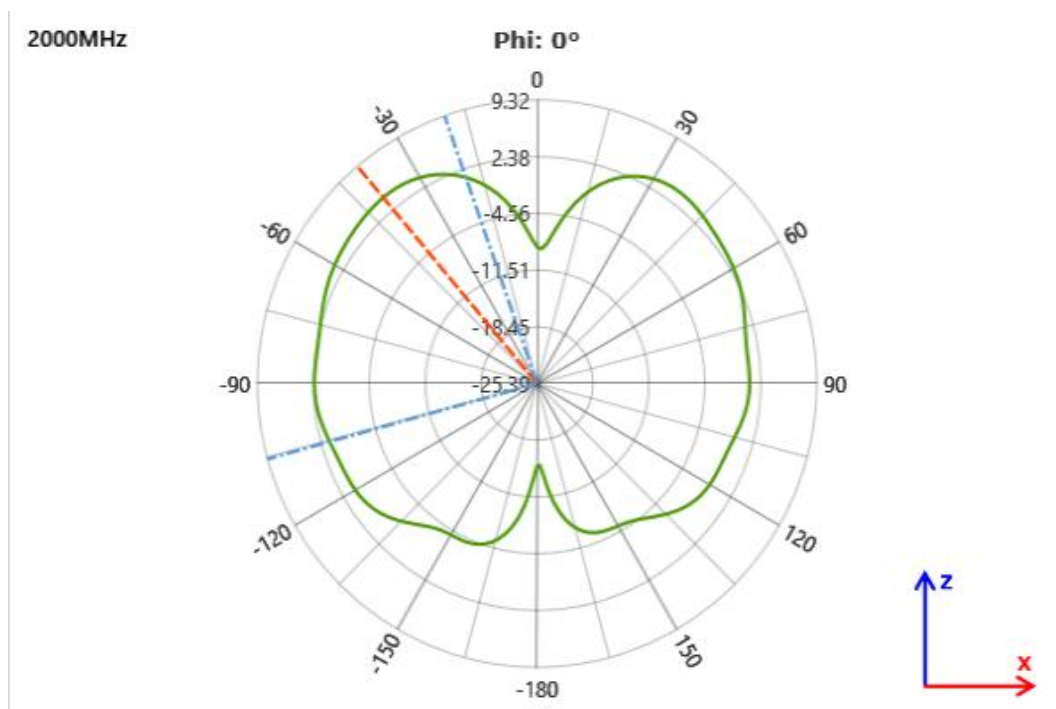
F=1200MHz Vertical Pattern



o F=1600MHz Vertical Pattern



o F=2000MHz Vertical Pattern



o F=2600MHz Vertical Pattern

