HZANT3803000-250JQ

380-3000MHz Omnidirectional Antenna

Description

Operating across the 380-3000MHz 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	380		3000	MHz	
Gain			9	dB	
Half-Power Beamwidth					H-Plane: -° E-Plane: 143.68°
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					Φ90*240(Φ145mm Flange)
Weight					≈1kg
Operating Temperature					-40℃-65℃
Storage Temperature					-40℃-80℃

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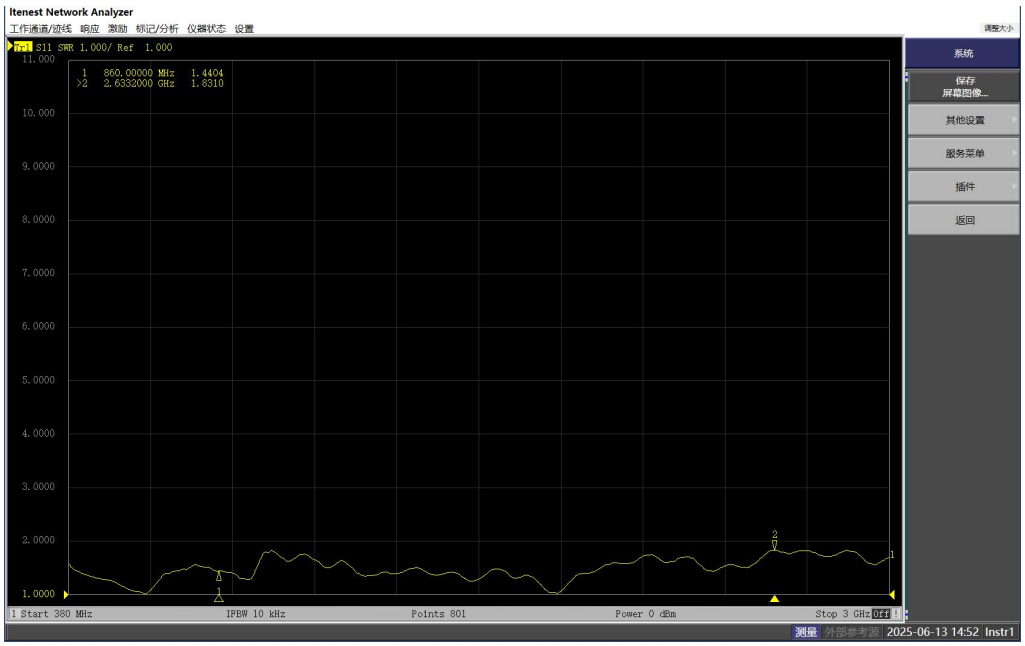
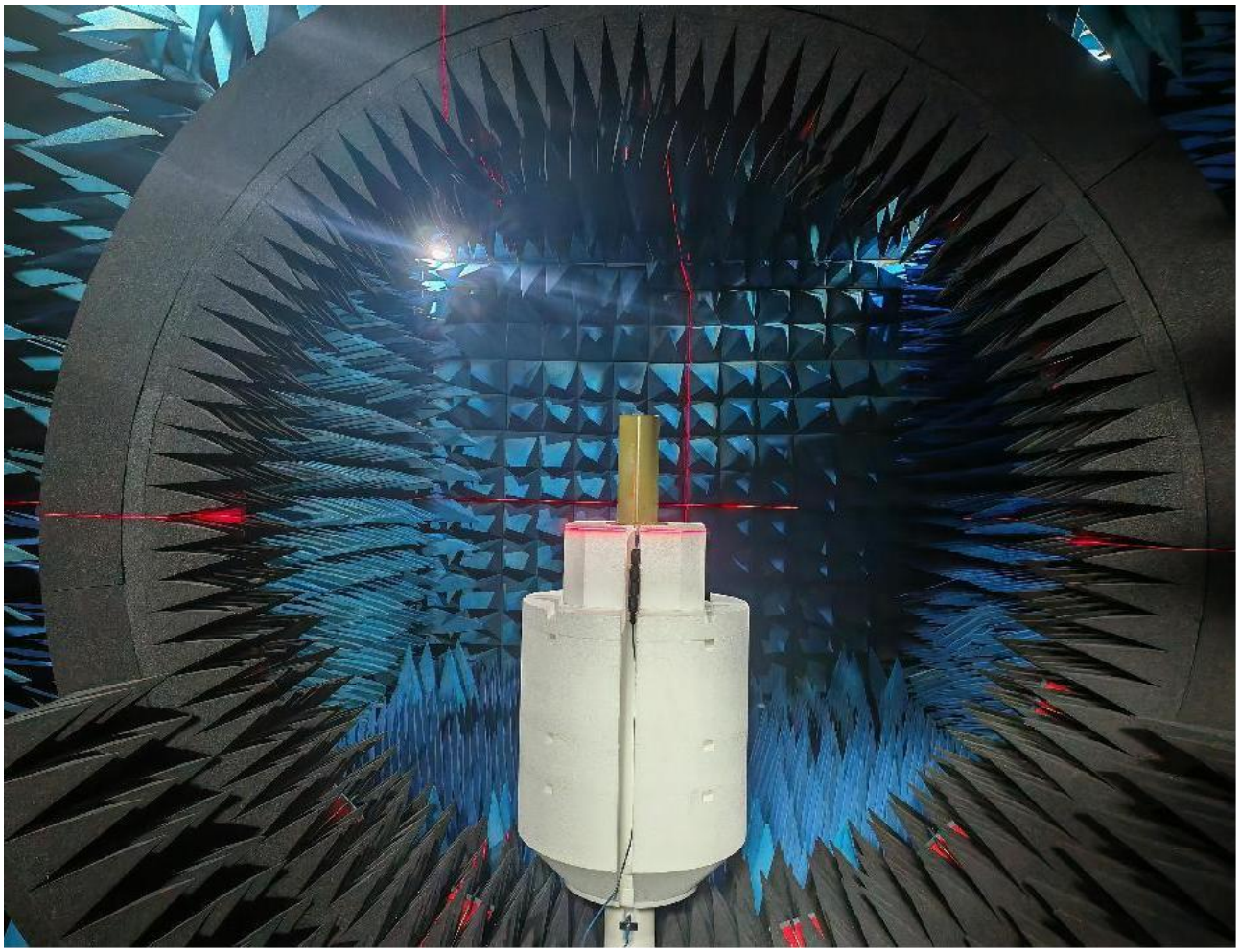
V.S.W.R

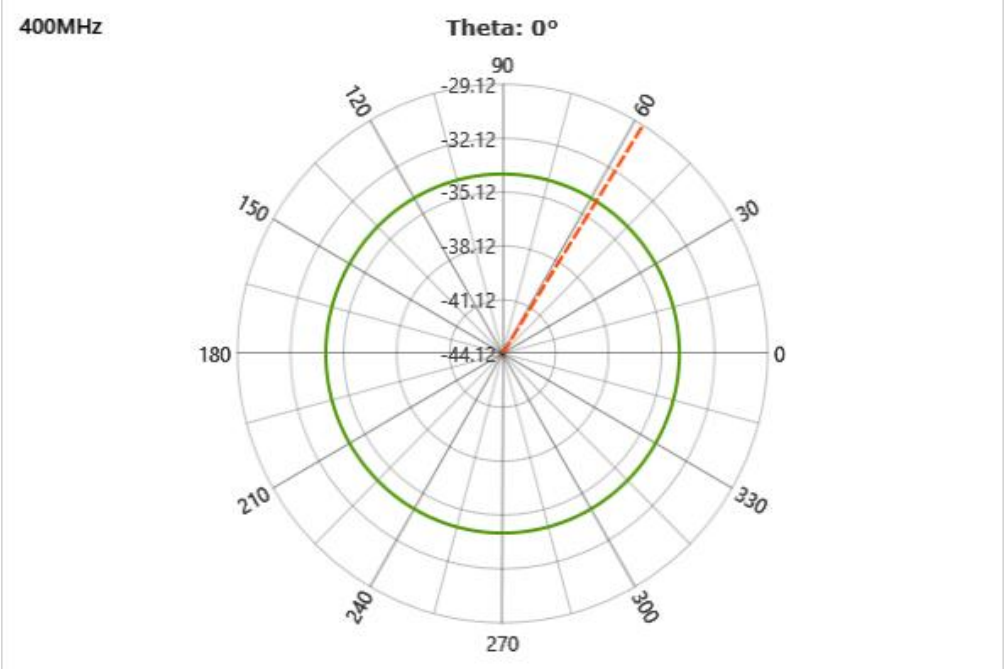

Itenest Network Analyzer
工作通道/迹线 响应 激励 标记/分析 仪器状态 设置
调整大小
Tr1 S11 SWR 1.000/ Ref 1.000
1 860.00000 MHz 1.4404
>2 2.6332000 GHz 1.8310
11.000
10.000
9.0000
8.0000
7.0000
6.0000
5.0000
4.0000
3.0000
2.0000
1.0000
1 Start 380 MHz
IFBW 10 kHz
Points 801
Power 0 dBm
Stop 3 GHz
Off
测量
外部参考源
2025-06-13 14:52 Instr1
系统
保存
屏幕图像...
其他设置
服务菜单
插件
返回

TESTING PATTERNS

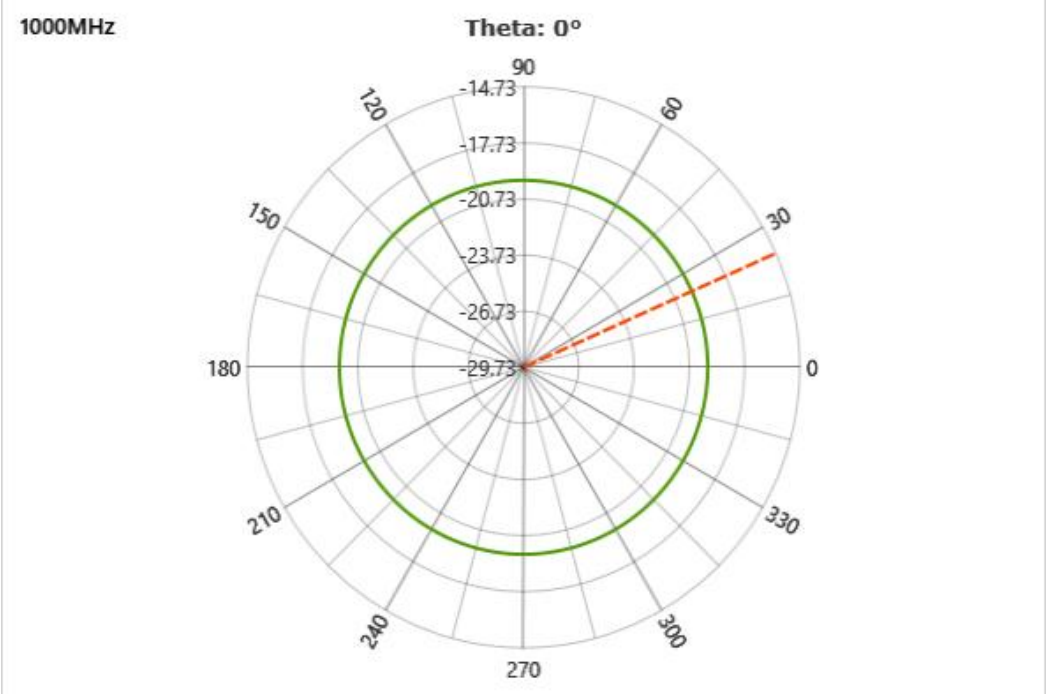


Horizontal Pattern

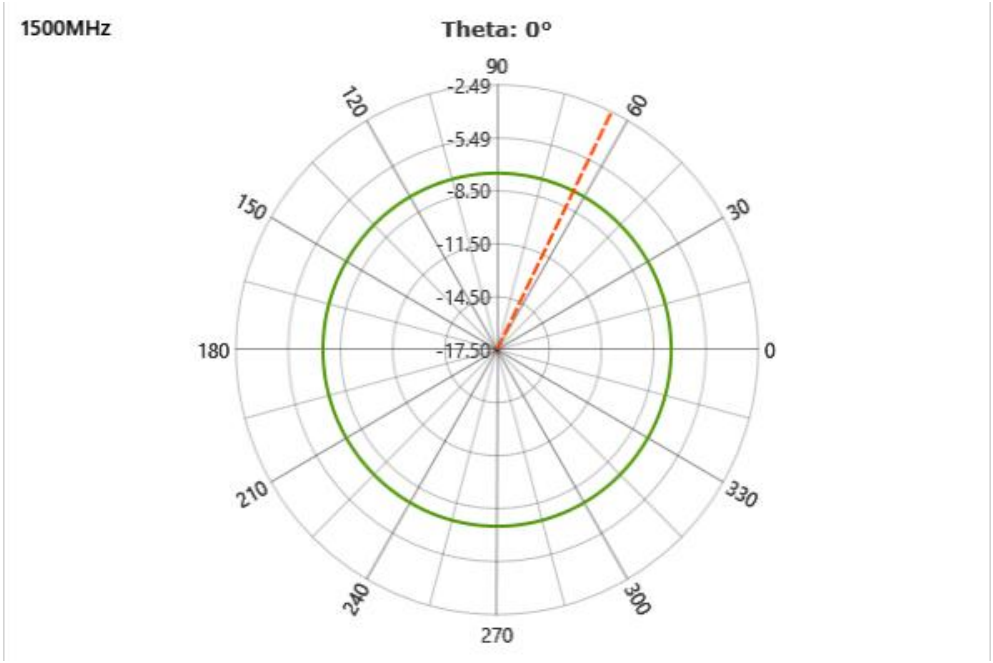
o F=400MHz Horizontal Pattern



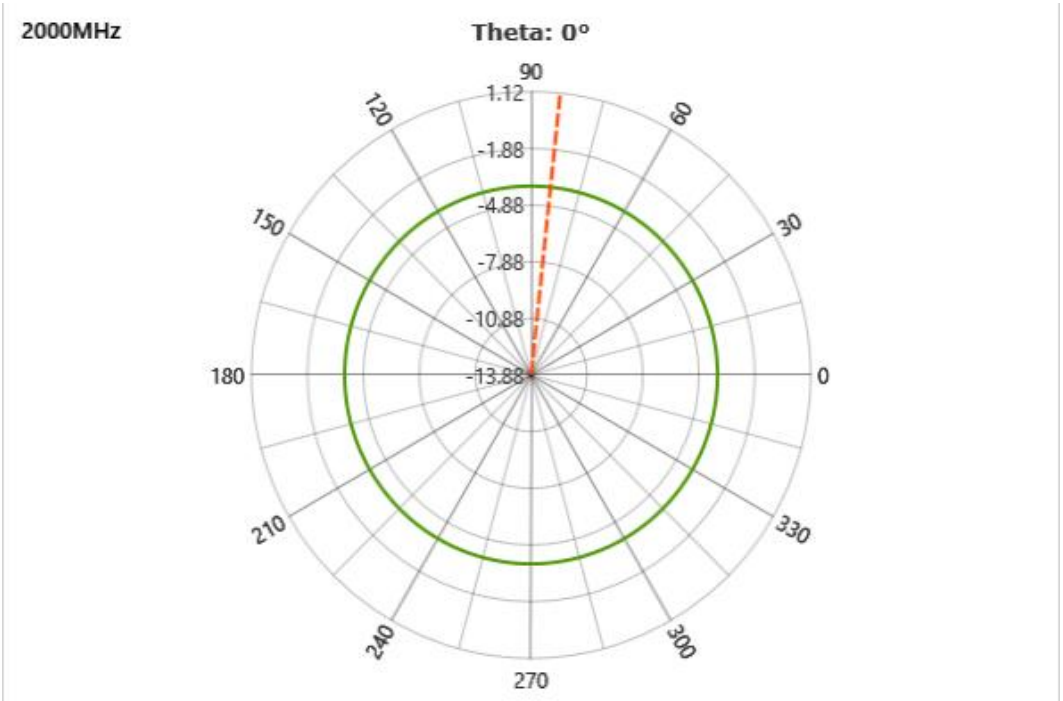
o F=1000MHz Horizontal Pattern



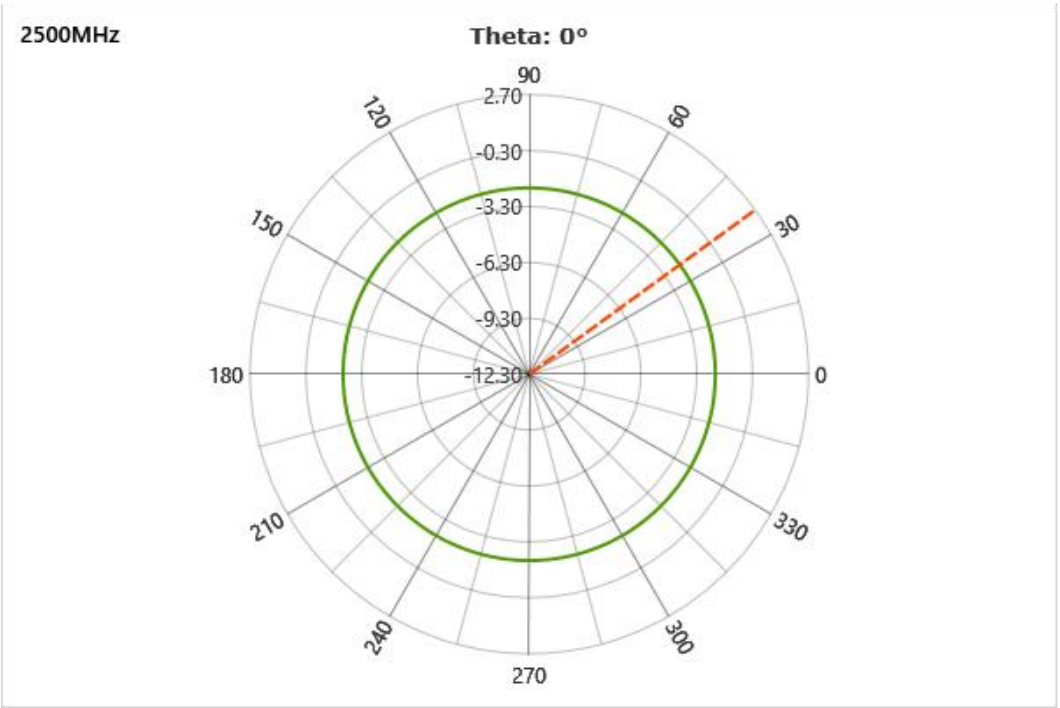
F=1500MHz Horizontal Pattern



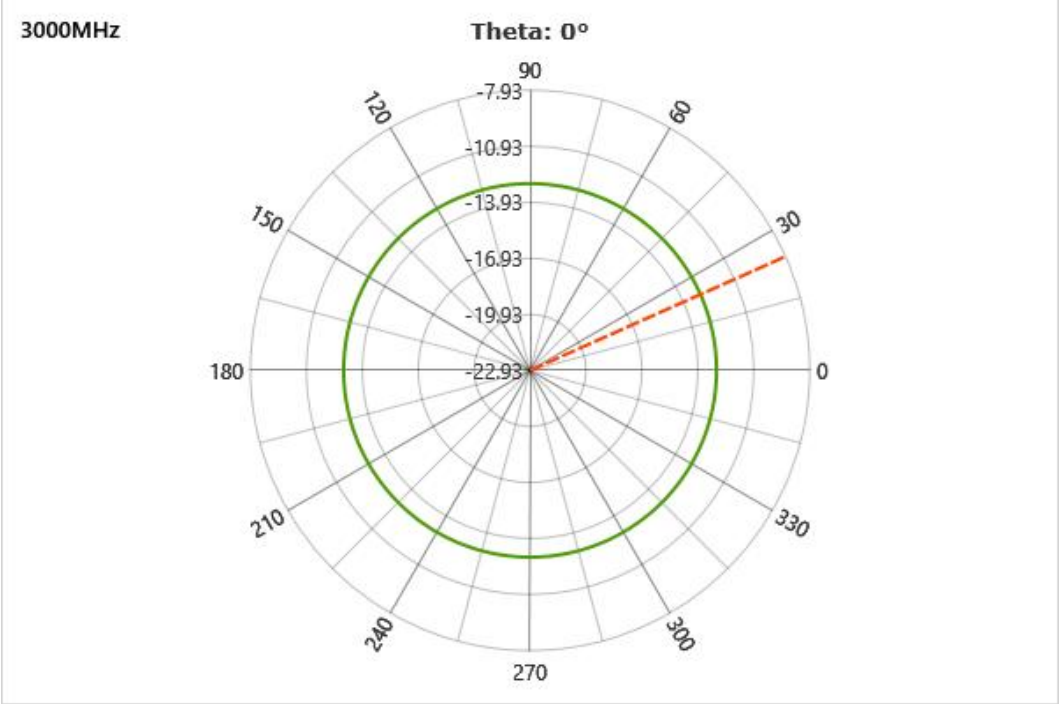
F=2000MHz Horizontal Pattern



F=2500MHz Horizontal Pattern

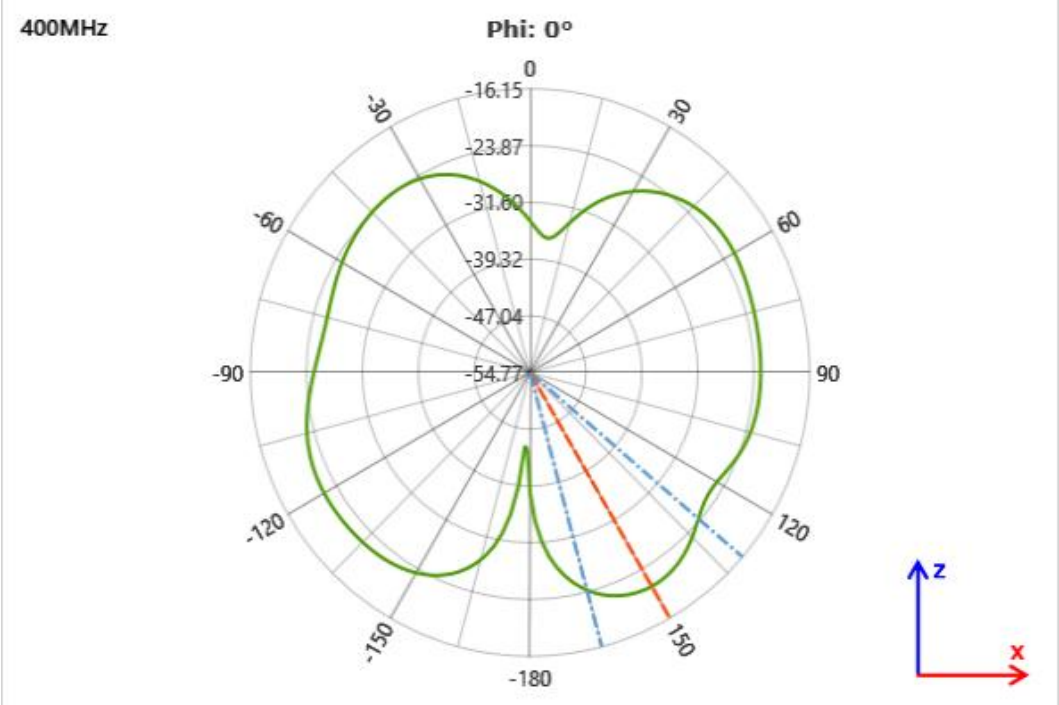


F=3000MHz Horizontal Pattern

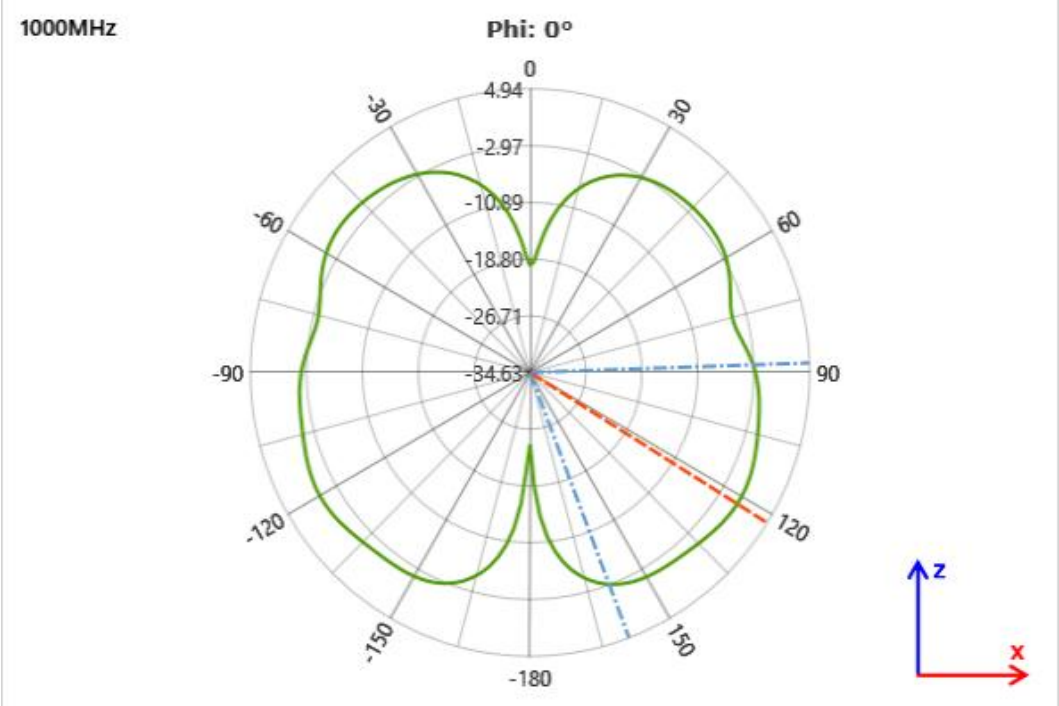


Vertical Pattern

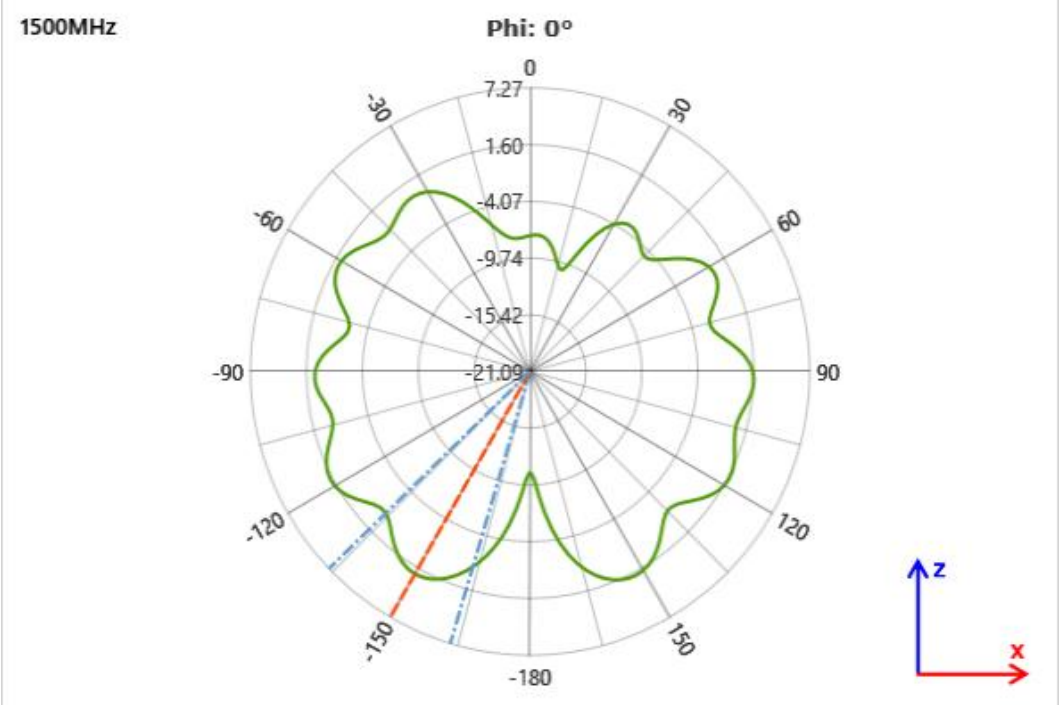
o F=400MHz Vertical Pattern



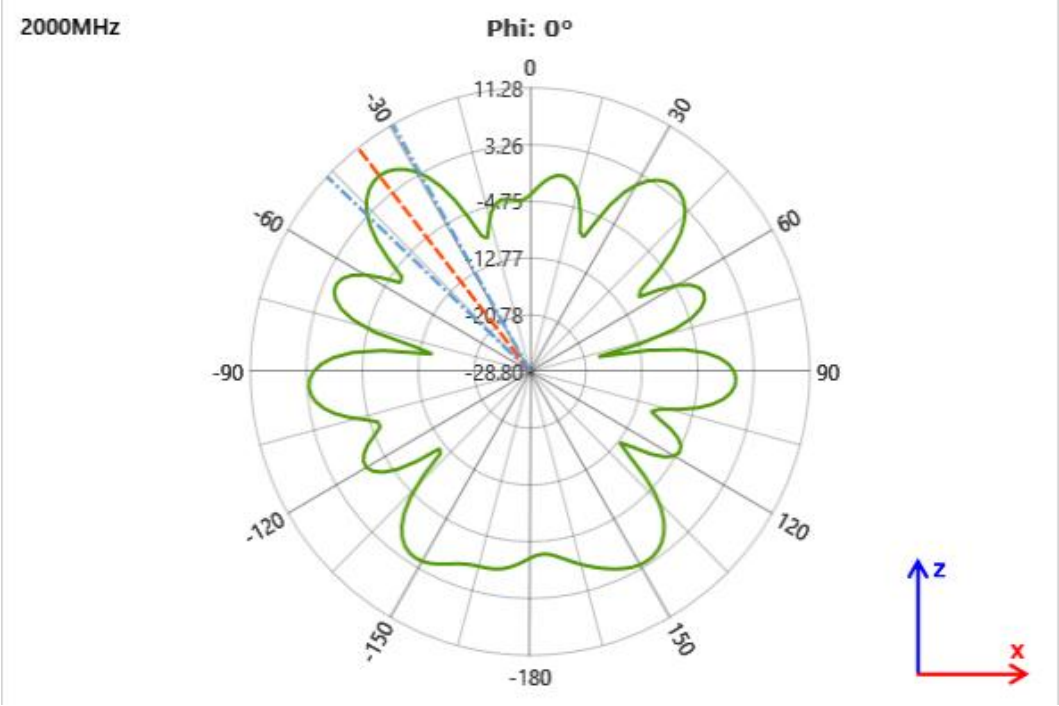
F=1000MHz Vertical Pattern



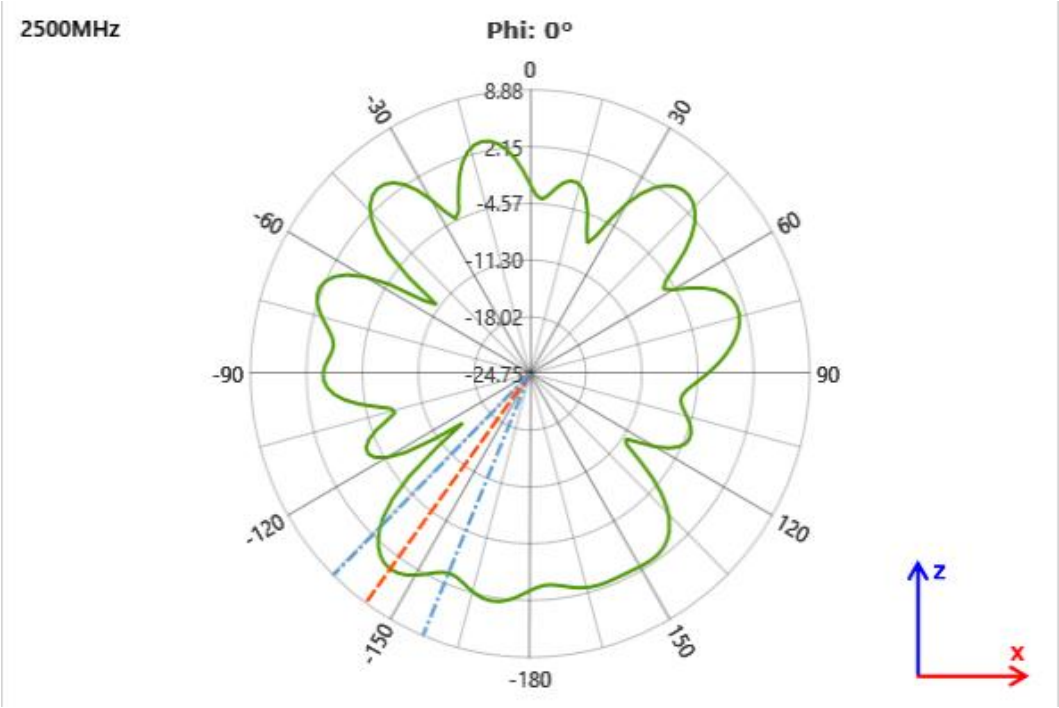
o F=1500MHz Vertical Pattern



o F=2000MHz Vertical Pattern



o F=2500MHz Vertical Pattern



o F=3000MHz Vertical Pattern