

### Description

Covering the 2000-6000MHz frequency range and supporting a maximum power of 100W, this directional horn antenna suits versatile wide-band wireless communication needs. It excels in directional signal delivery, providing concentrated, steady signals that meet the demands of setups like base stations, IoT networks, and outdoor professional communication requiring focused coverage. Built to be tough, it resists extreme conditions for long-term reliability, while its practical design makes installation straightforward, combining robust performance with ease of use for diverse applications.



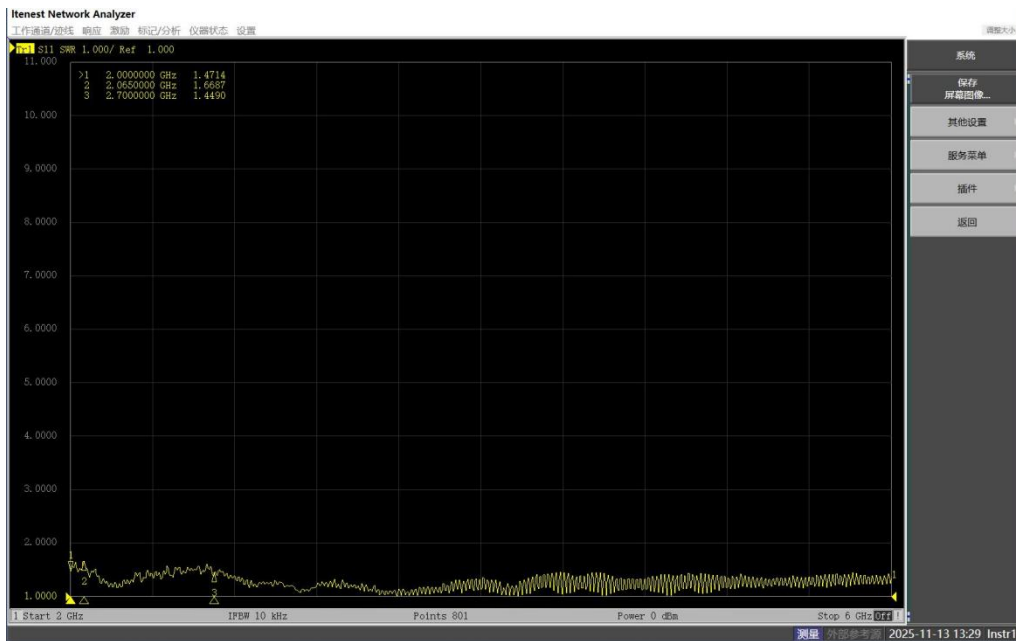
### PERFORMANCE SPECIFICATIONS

Electrical Specifications					
Parameter	Min	Typ	Max	Unit	Test Condition
Frequency Range	2000		6000	MHz	
Gain	13.16		19.07	dB	
Half-Power Beamwidth					H-Plane:75.44° E-Plane:60.18°
V.S.W.R			< 2.0		
Impedance			50	Ω	
Polarization					Vertical
Power Max			100	W	

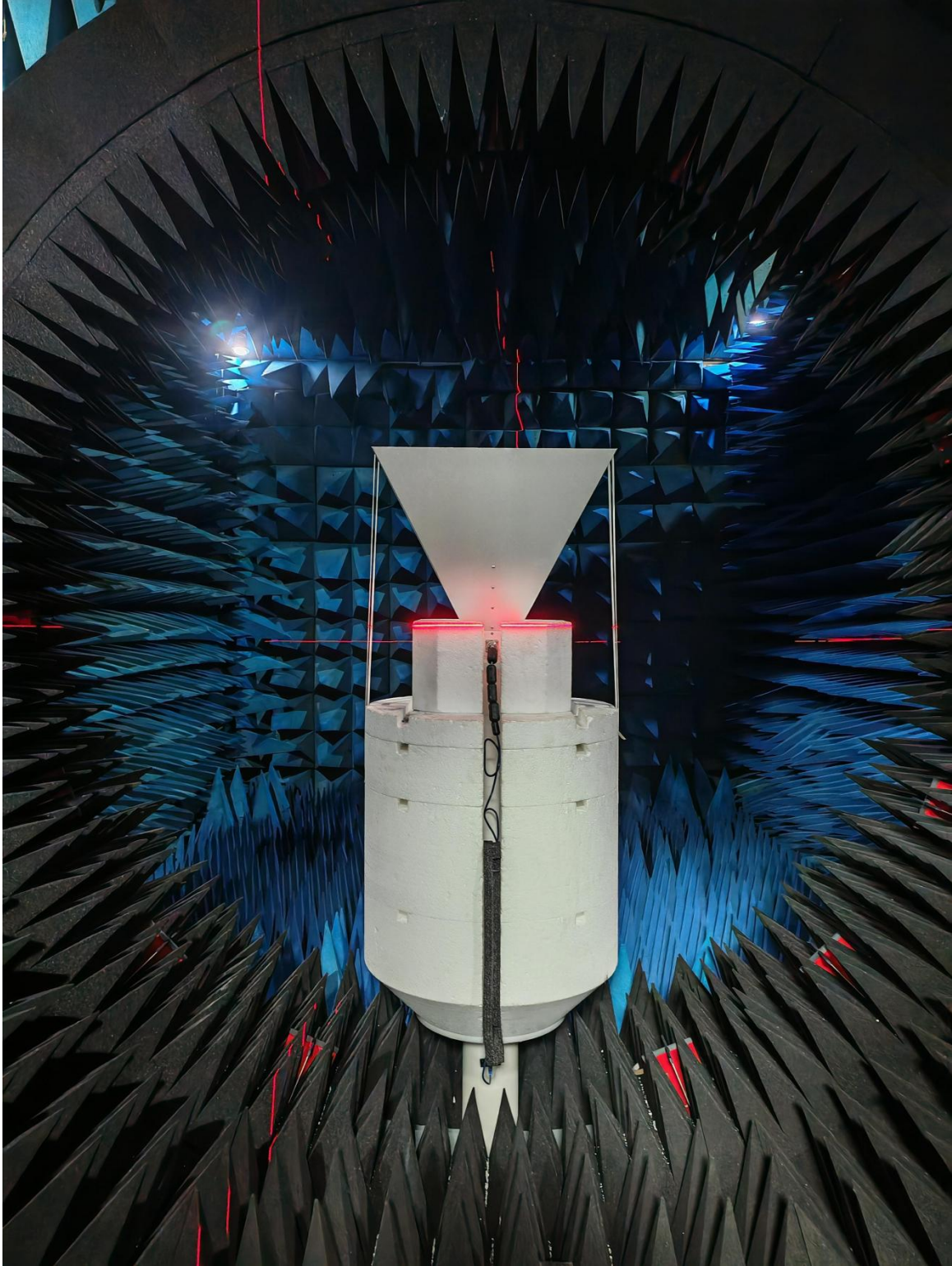
Mechanical Specifications					
Parameter	Min	Typ	Max	Unit	Test Condition
Connector					N-J
Cable Diameter and Color					No Cable
Element Material					Aluminum
Radome Material					Aluminum
Connector Placement					Bottom
Size					450*230*415mm
Weight					≈2kg
Operating Temperature					-40°C-65°C
Storage Temperature					-40°C-80°C



### Testing V.S.W.R



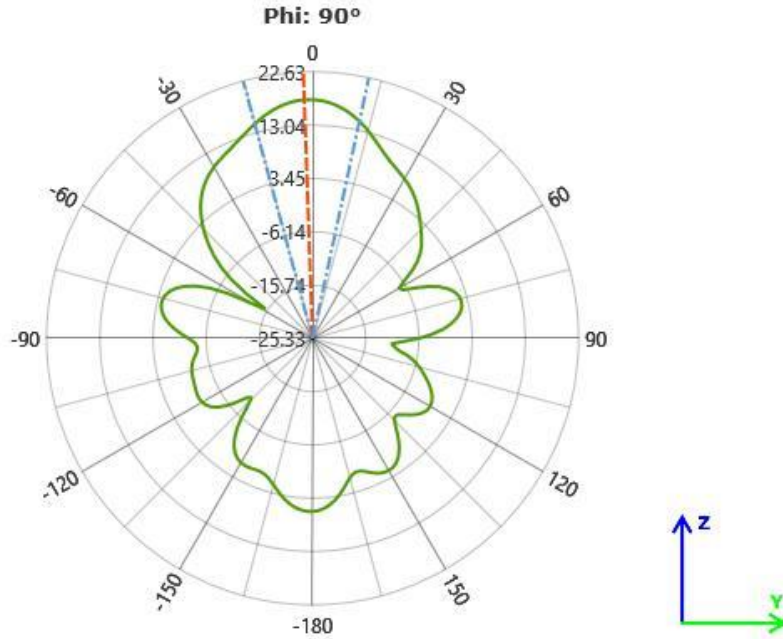
## TESTING PATTERNS



### VerticalPattern

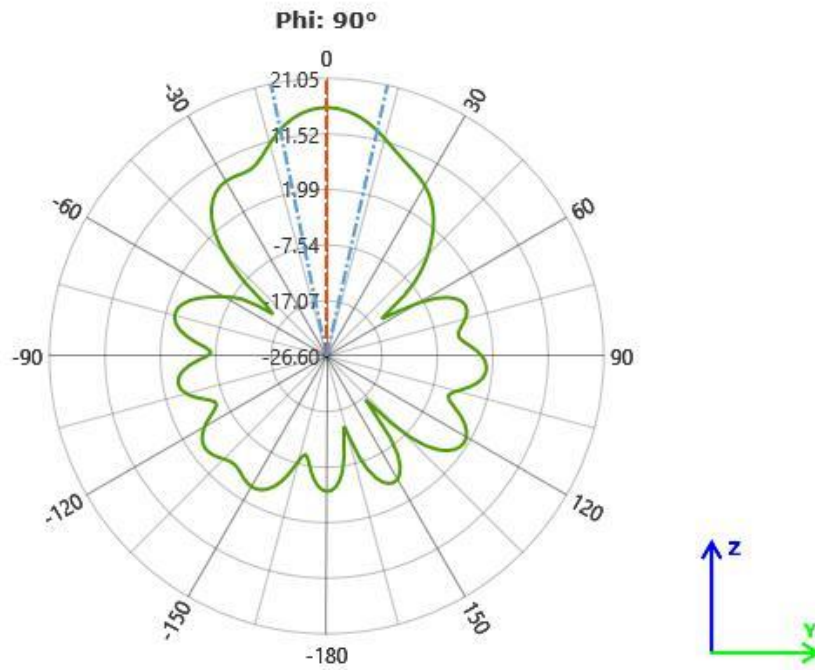
o F=2000MHz VerticalPattern

2000MHz



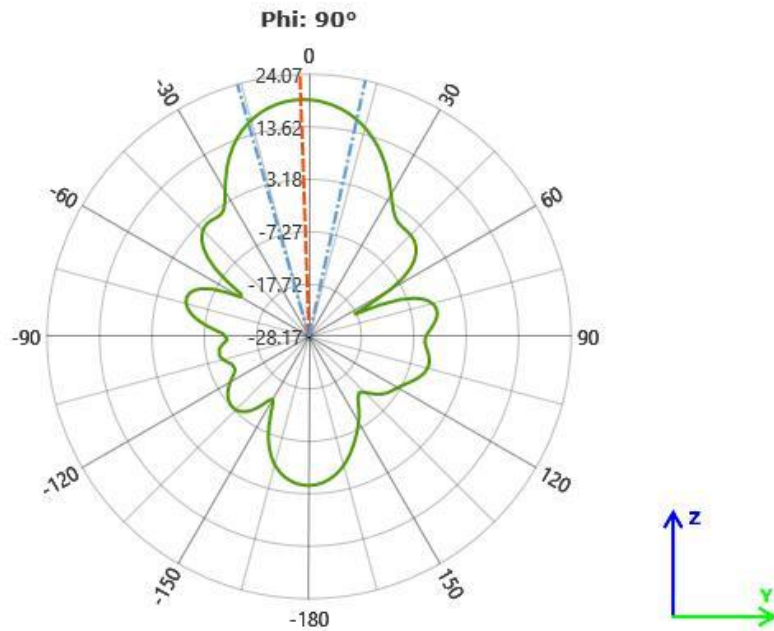
o F=3000MHz VerticalPattern

3000MHz



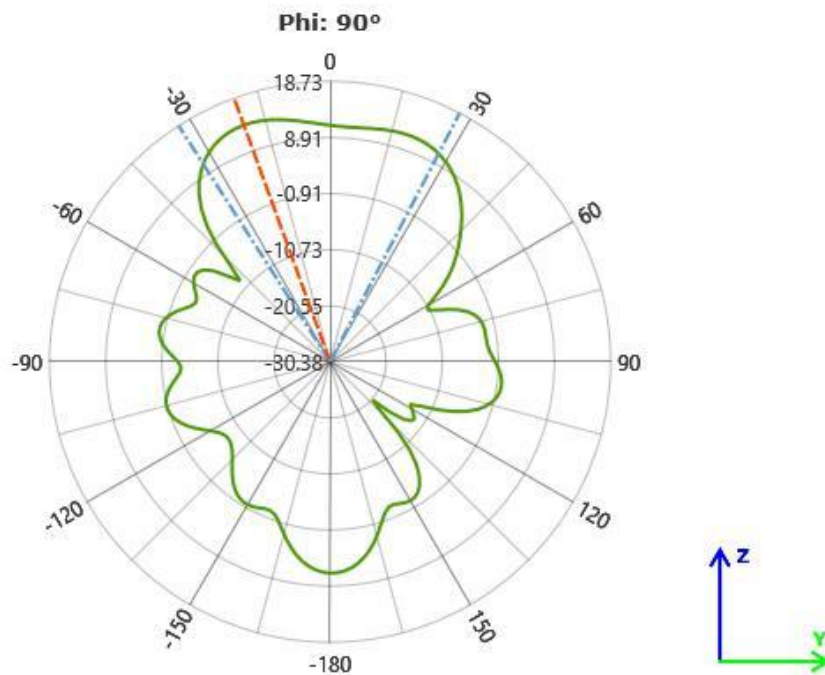
F=4000MHz VerticalPattern

4000MHz



F=5000MHz VerticalPattern

5000MHz



F=6000MHz VerticalPattern

6000MHz

