

AIO-DD15020-RPSMA

2400-2500 / 5150-5850MHz 12 / 15dBi 2 Ports MIMO Directional Panel Antenna

Electrical Specifications

Frequency Range (MHz)	2400-2500	5150-5850
Horizontal Half-power Beamwidth (°)	45	20
Vertical Half-power Beamwidth (°)	45	20
Gain (dBi)	12	15
Isolation(dB)	≥20	≥30
Front to Back Ratio (dB)	≥25	≥28
Polarization	Vertical + Horizontal	
VSWR	≤2.0	
Average Power, Maximum (W)	100	
Impedance (Ω)	50	



Mechanical Specifications

Dimensions (mm)	305×305×32
Net Weight installation kit included (kg)	1.5
Radome Material	UV-resistant ABS
Radome Color	White
Cable Length (cm)	100 (2×)
Connector	RP-SMA Male
Connector Position	Bottom of Antenna

Environmental Specifications

Application	Outdoor
Operating Temperature (°C)	-40 to +70 (-40 to 158°F)
Humidity (%)	5 to 95
Ingress Protection	IP54
Survival Wind Velocity (km/h)	200

Mounting Specifications

MOUNTING BRACKETS ARE INCLUDED UNLESS OTHERWISE SPECIFIED

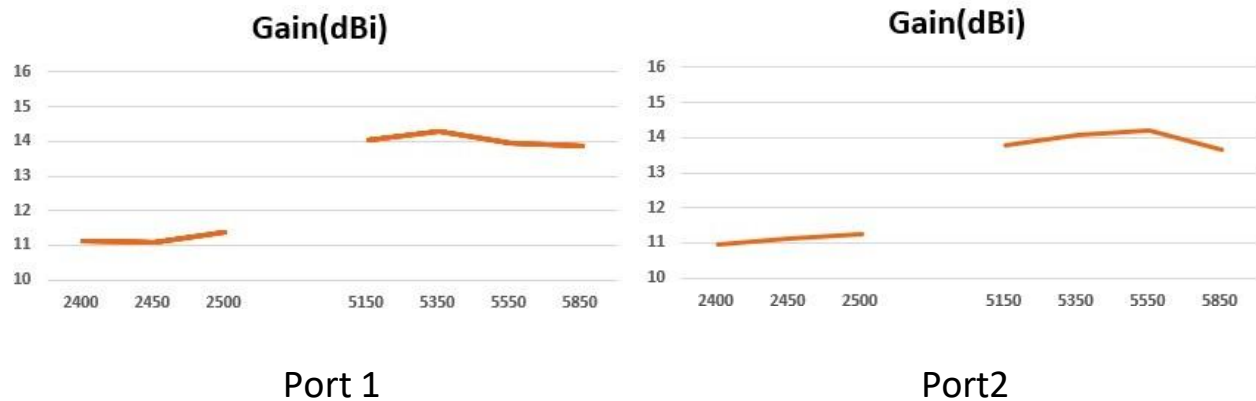
Mounting Mast Diameter (mm)	Φ 35 to 50
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Extreme Networks
2121 RDU Center Drive Morrisville North Carolina United States 27560

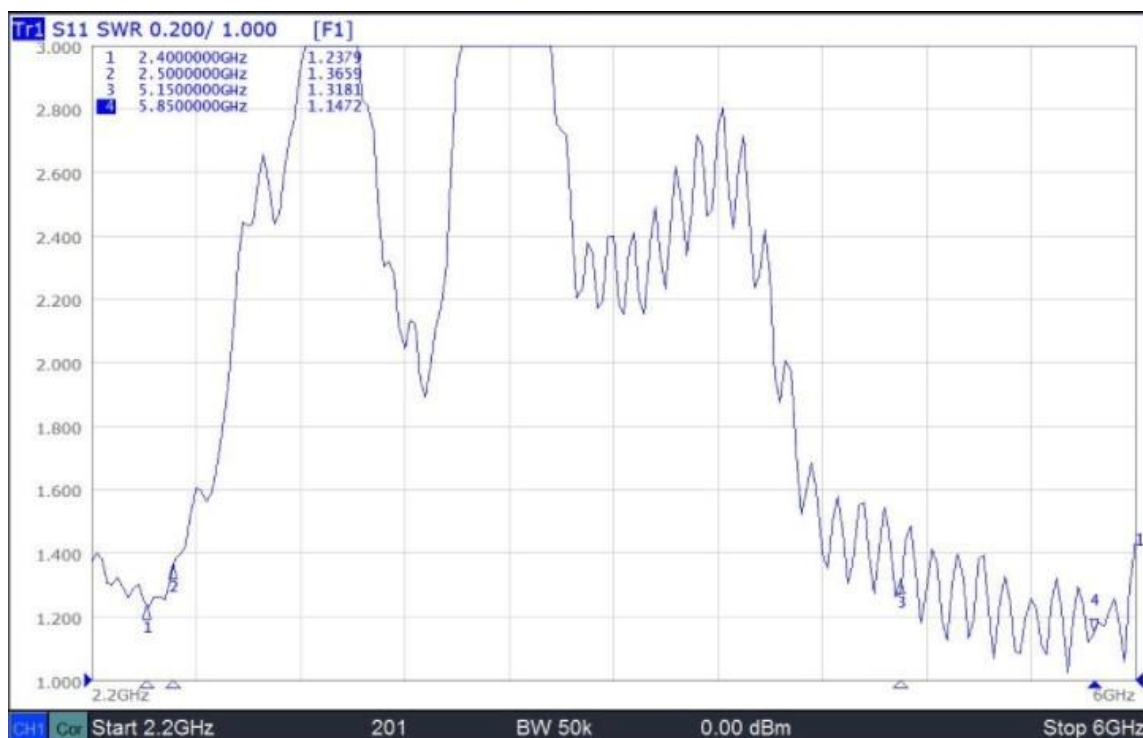
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Gain Table



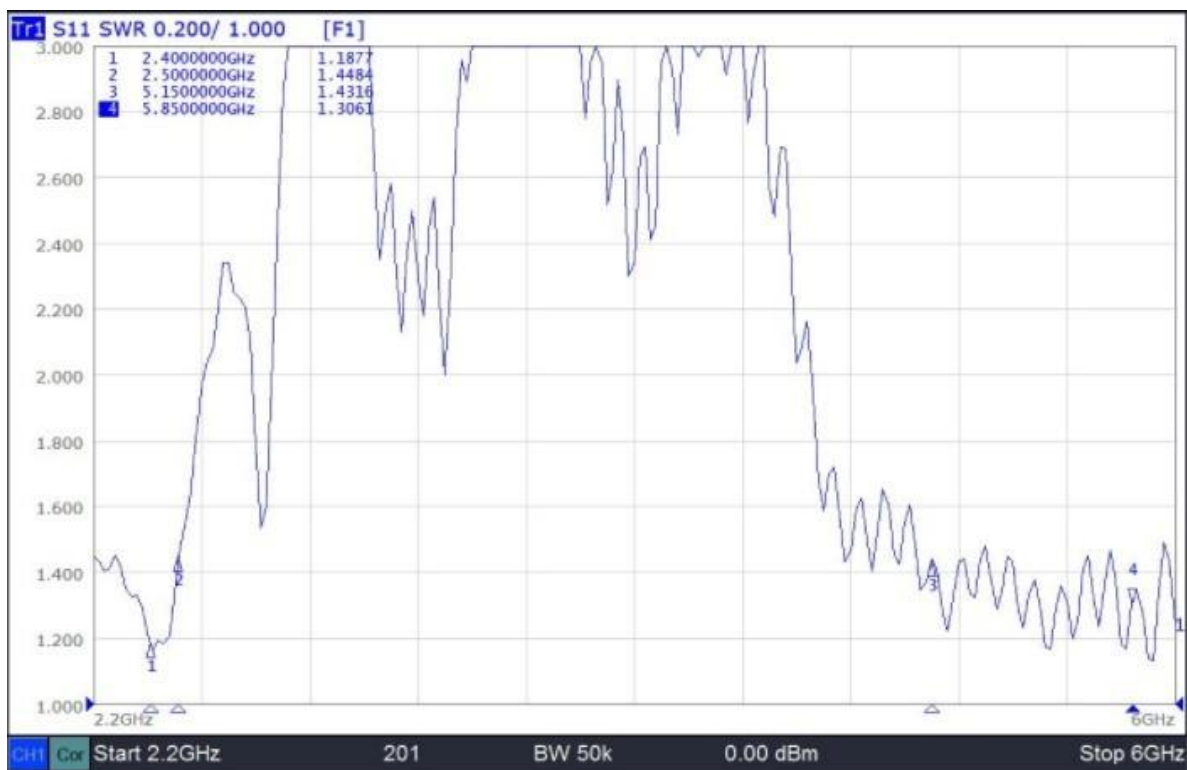
VSWR: Port 1



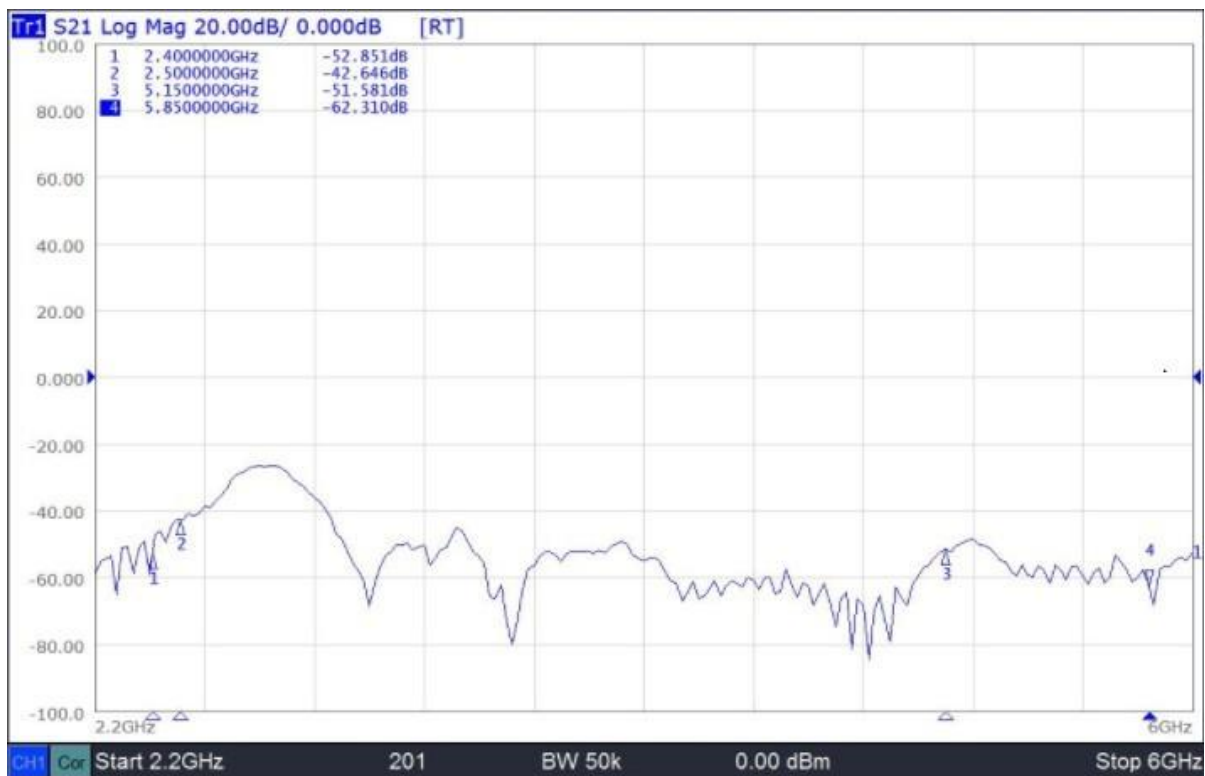
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VSWR: Port 2



Isolation(dB)

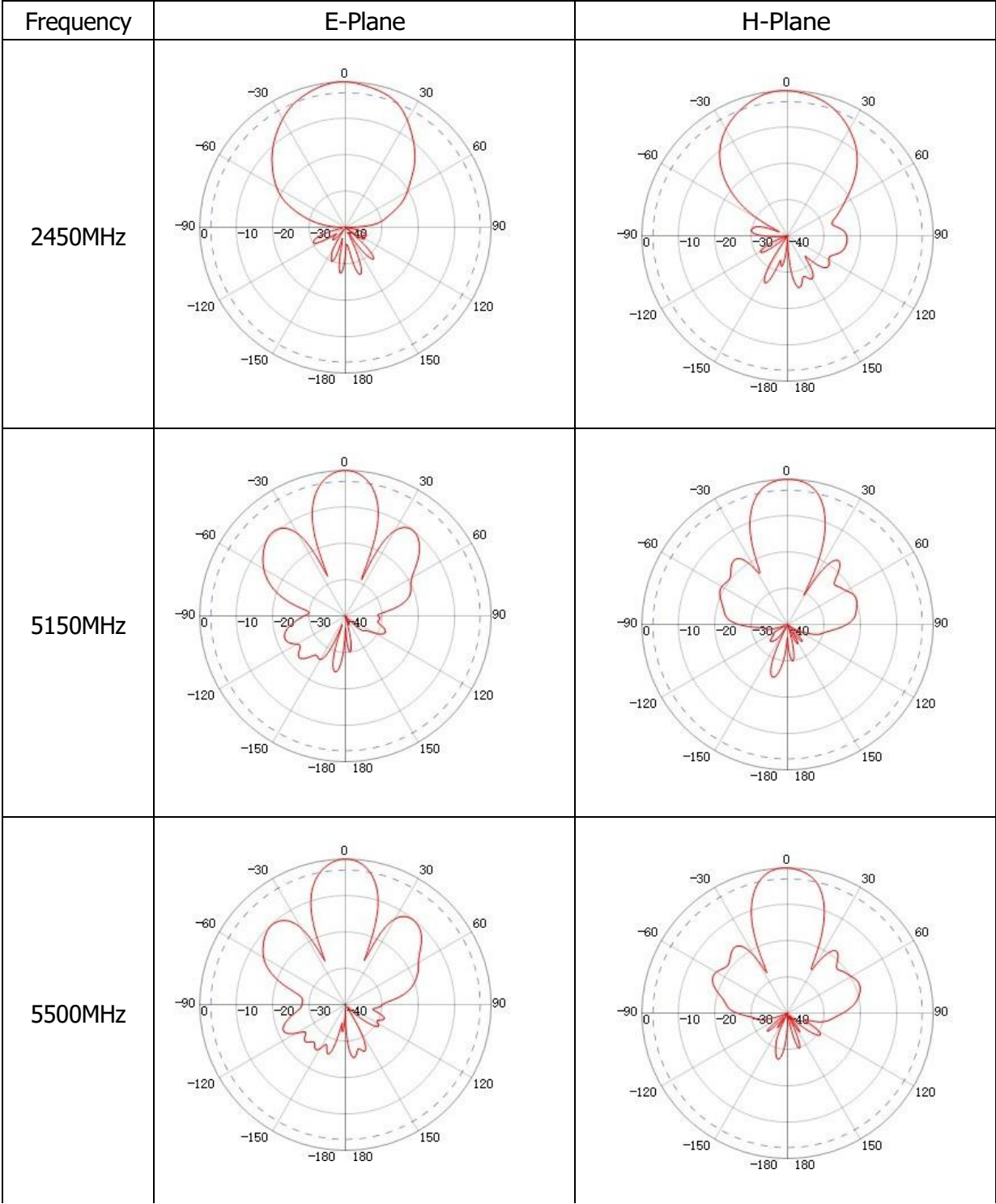


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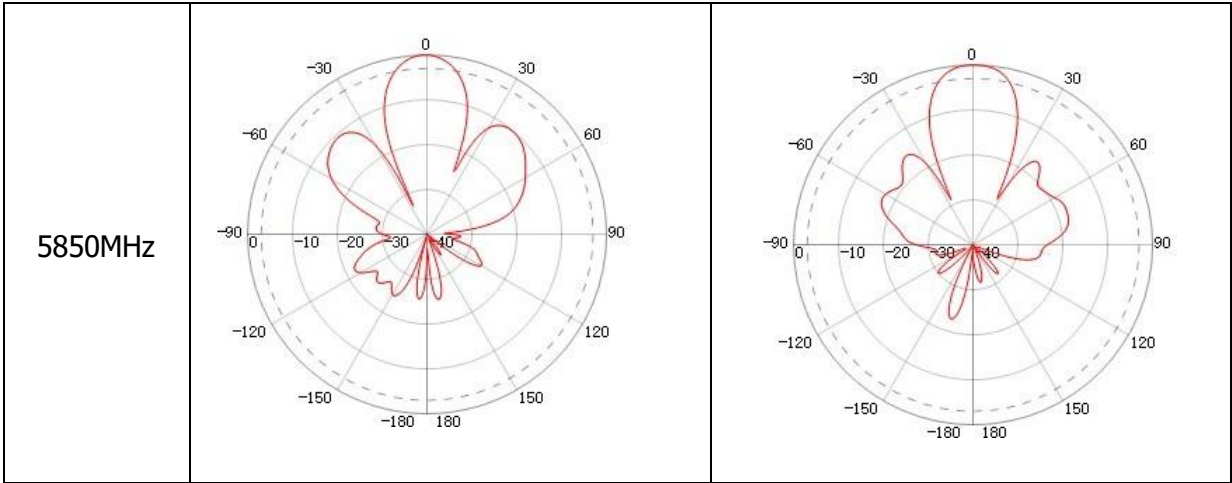
Pattern

Port 1

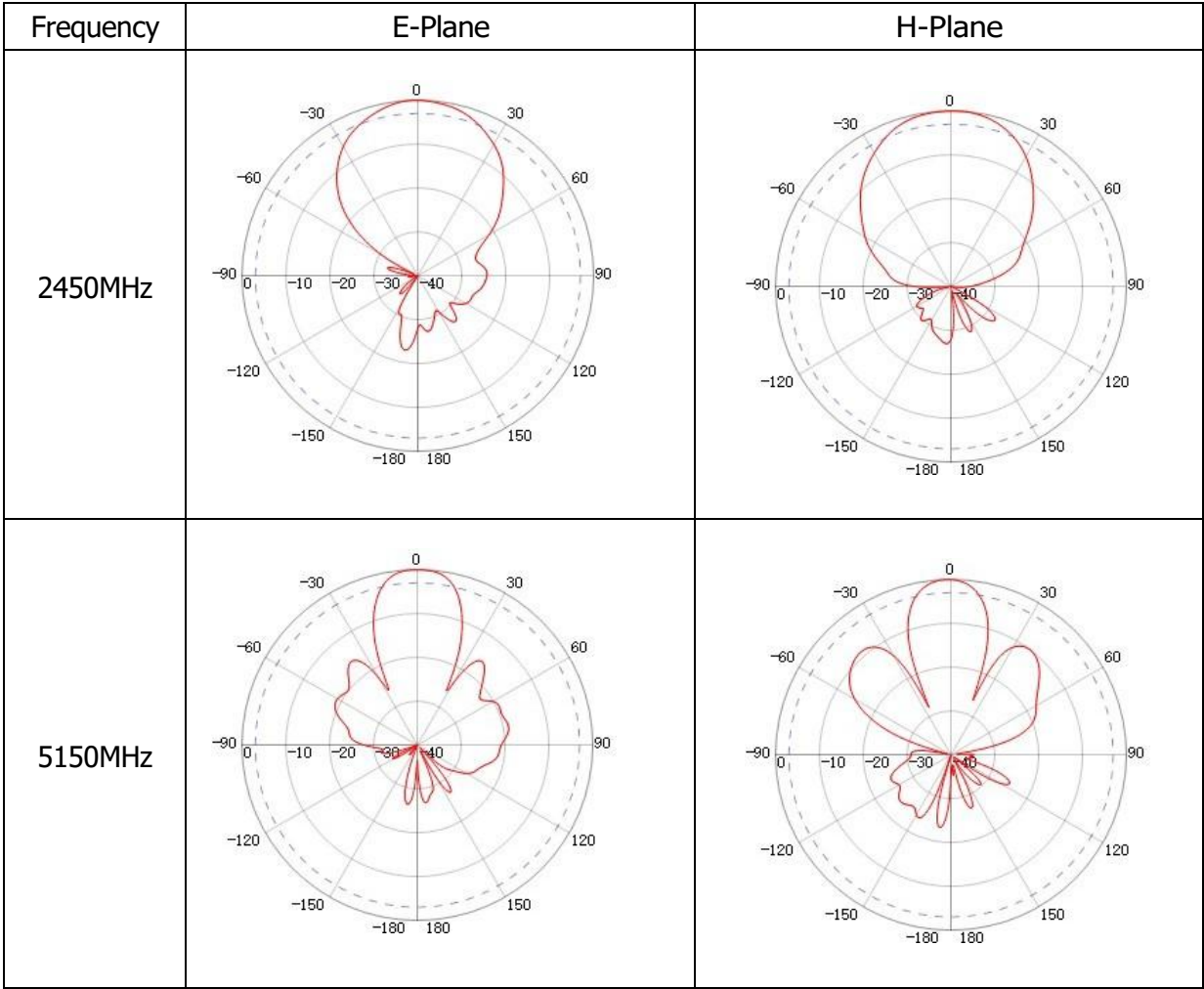


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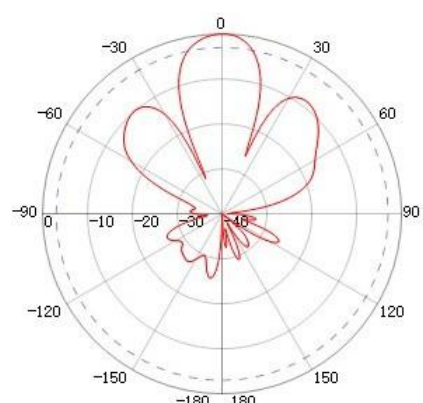
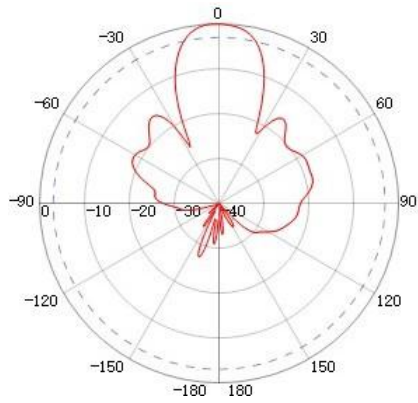
Port 2



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5500MHz



5850MHz

