

## 824-960MHz 6dBi Omni Antenna

Model	STO9G6
<b>Electrical Specifications</b>	
Frequency Range	824-960MHz
Polarization	Vertical
Gain	6dBi
VSWR	≤1.5
Horizontal Beamwidth	360°
Vertical Beamwidth	30°
Nominal Impedance	50Ω
Maximum Power	100W
Lightning protection	DC Ground
<b>Mechanical Specifications</b>	
Connector	N-Female
Mounting Type	Mast Mount
Dimensions	Φ20x600mm
Mounting Mast size	Φ30-Φ55mm
Weight	0.6 kg
Max. Wind Velocity	210km/h
Operating Temperature	-40~+60℃



### SANNY TELECOM EQUIPMENT CO., LTD

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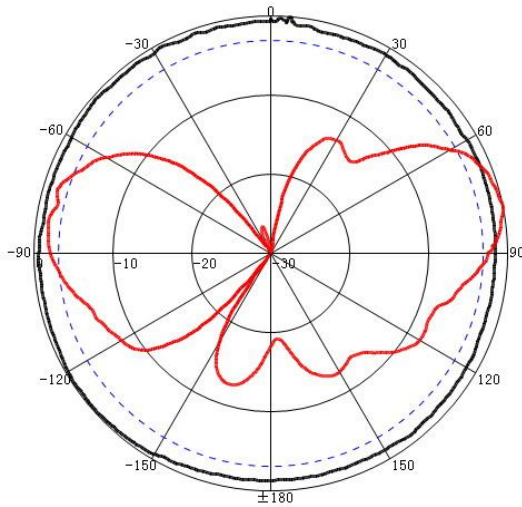
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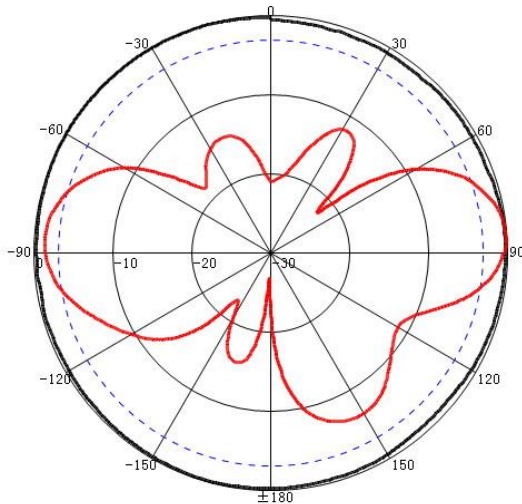
## Radiation Pattern



Freq:824MHz  
 Date:2013-12-25  
 Elevation:H-plane  
 Polar-Across:Main  
 Polarization:Vertical  
 Max:-11.18dB  
 HPBW(3dB):360.00°  
 FBR:0.66dB

Freq:824MHz  
 Date:2013-12-25  
 Elevation:V-plane  
 Polar-Across:Main  
 Polarization:Vertical  
 Max:-11.57dB  
 HPBW(3dB):31.30°  
 FBR:1.55dB

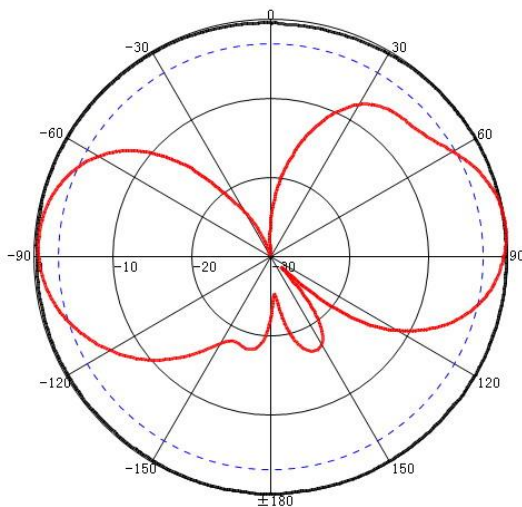
Gain:5.74dBi



Freq:890MHz  
 Date:2013-12-25  
 Elevation:H-plane  
 Polar-Across:Main  
 Polarization:Vertical  
 Max:-8.84dB  
 HPBW(3dB):360.00°  
 FBR:0.16dB

Freq:890MHz  
 Date:2013-12-25  
 Elevation:V-plane  
 Polar-Across:Main  
 Polarization:Vertical  
 Max:-12.31dB  
 HPBW(3dB):28.46°  
 FBR:1.36dB

Gain:5.38dBi



Freq:960MHz  
 Date:2013-12-25  
 Elevation:H-plane  
 Polar-Across:Main  
 Polarization:Vertical  
 Max:-8.96dB  
 HPBW(3dB):360.00°  
 FBR:0.00dB

Freq:960MHz  
 Date:2013-12-25  
 Elevation:V-plane  
 Polar-Across:Main  
 Polarization:Vertical  
 Max:-10.43dB  
 HPBW(3dB):41.34°  
 FBR:0.55dB

Gain:4.88dBi

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