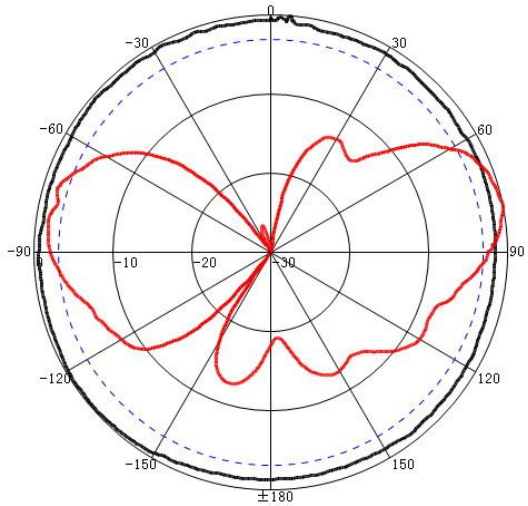
824-960MHz 6dBi Omni Antenna

Model	STO9G6
Electrical Specifications	
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
Mechanical Specifications	
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
Address: Room 201 Building 1, Wanyang Industrial Park, No.82 Xiaotang Industrial Avenue, Shishan Town, Nanhai District, Foshan City 528223, Guangdong Province, China
Tel: +86 757 8766 0070 Fax: +86 757 8766 0500
Email: sales@sannytelecom.com Website: www.sannytelecom.com

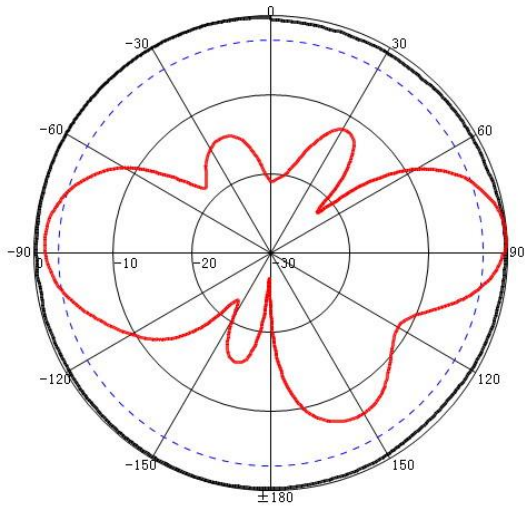
Radiation Pattern



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

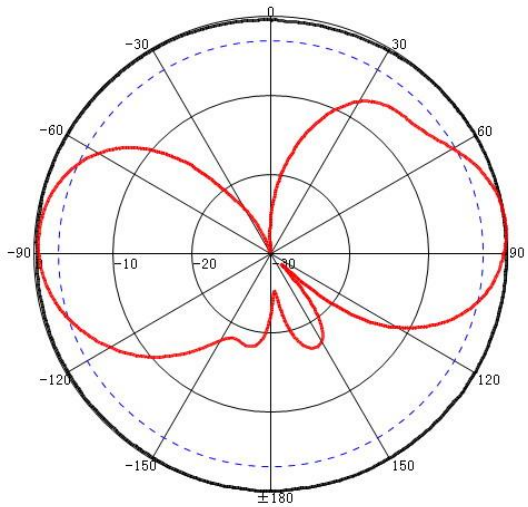
Gain:5.74dBi



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

SANNY TELECOM EQUIPMENT CO., LTD
Address: Room 201 Building 1, Wanyang Industrial Park, No.82 Xiaotang Industrial Avenue, Shishan Town, Nanhai District, Foshan City 528223, Guangdong Province, China
Tel: +86 757 8766 0070 Fax: +86 757 8766 0500
Email: sales@sannytelecom.com Website: www.sannytelecom.com