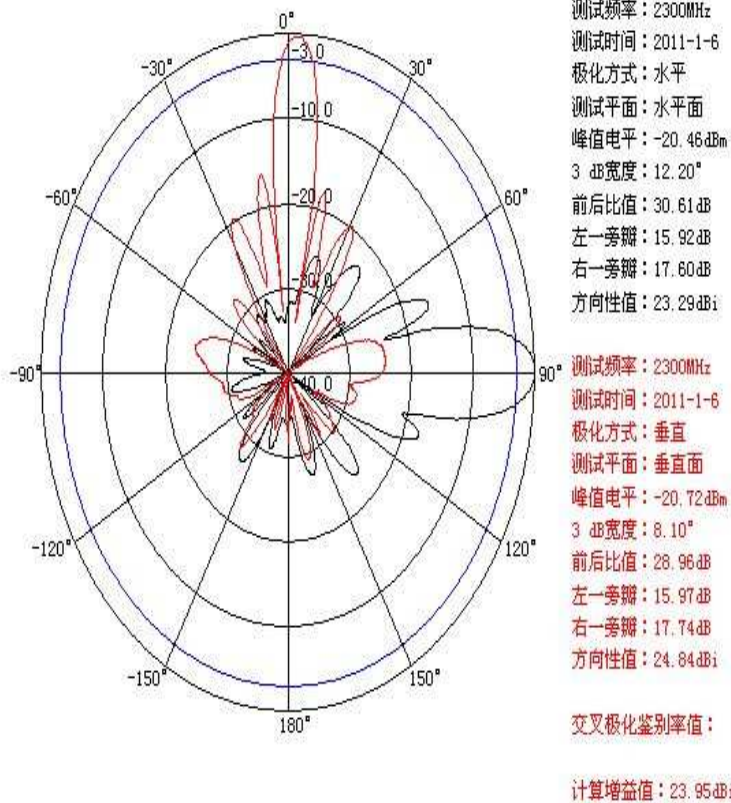


Characterization Data for RFWAT2P5GDNF 2.3GHz - 2.7GHz Grid (WiFi/ WiMax)

RFWEL - www.rfwel.com

E-Store Link: <http://www.rfwel.com/shop/2.3-GHz-2.7-GHz-WiMax-Grid-Antenna.html>

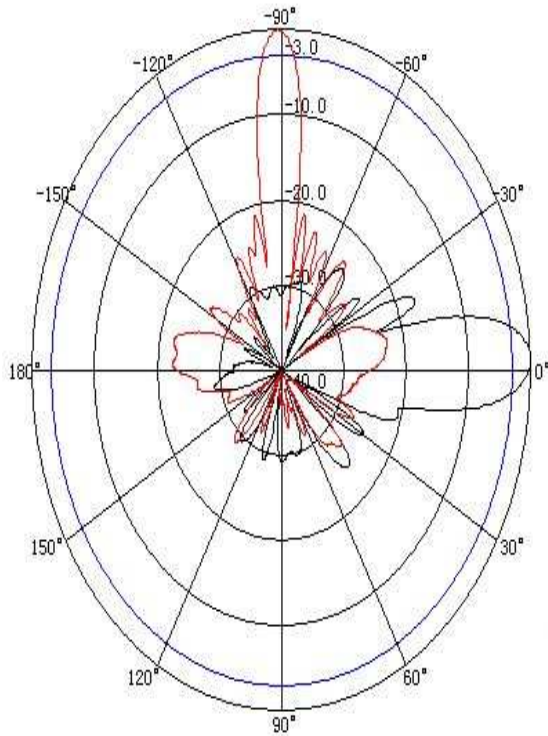
2300MHz GAIN: 23.95dBi



Frequency:	2300Mhz
Tested Time:	1/6/2011
Polarization:	vertical
Test plane	vertical
Electronic Level:	-20.46dBm
The width of 3dB:	12.20°
Front-to-back Ratio :	30.61dB
Left sidebeam:	15.92dB
Right sidebeam:	17.60dB
Directivity	23.29DBI

Frequency:	2300Mhz
Tested Time:	1/6/2011
Polarization:	Horizontal
Test plane	Horizontal
Electronic Level:	-20.72dBm
The width of 3dB:	8.10°
Front-to-back Ratio :	28.96dB
Left sidebeam:	15.97dB
Right sidebeam:	17.74dB
Directivity	24.84DBI

2400MHz GAIN: 24.07dBi



测试频率: 2400MHz
 测试时间: 2011-1-6
 极化方式: 水平
 测试平面: 水平面
 峰值电平: -22.78dBm
 3 dB宽度: 12.00°
 前后比值: 29.05dB
 左一旁瓣: 17.09dB
 右一旁瓣: 20.53dB
 方向性值: 23.26dBi

测试频率: 2400MHz
 测试时间: 2011-1-6
 极化方式: 垂直
 测试平面: 垂直面
 峰值电平: -22.81dBm
 3 dB宽度: 7.75°
 前后比值: 31.41dB
 左一旁瓣: 21.34dB
 右一旁瓣: 21.31dB
 方向性值: 24.72dBi

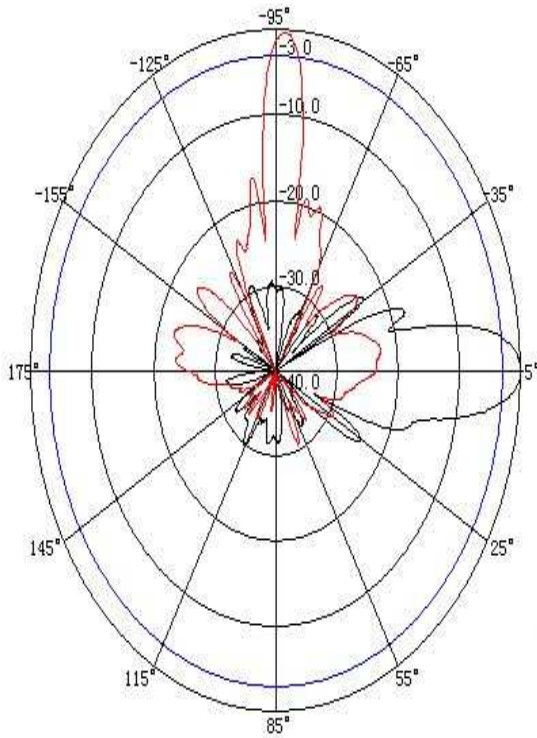
交叉极化鉴别率值:

计算增益值: 24.07dBi

Frequency:	2400Mhz
Tested Time:	1/6/2011
Polarization:	vertical
Test plane	vertical
Electronic Level:	-22.78dBm
The width of 3dB:	12.00°
Front-to-back Ratio :	29.05dB
Left sidebeam:	17.09dB
Right sidebeam:	20.53dB
Directivity	23.26DBI

Frequency:	2400Mhz
Tested Time:	1/6/2011
Polarization:	Horizontal
Test plane	Horizontal
Electronic Level:	-22.81dBm
The width of 3dB:	7.75°
Front-to-back Ratio :	31.41dB
Left sidebeam:	21.34dB
Right sidebeam:	21.31dB
Directivity	24.72DBI

2500MHz GAIN: 23.89dBi



测试频率: 2500MHz
 测试时间: 2011-1-6
 极化方式: 水平
 测试平面: 水平面
 峰值电平: -23.17dBm
 3 dB宽度: 12.02°
 前后比值: 31.81dB
 左一旁瓣: 17.94dB
 右一旁瓣: 16.94dB
 方向性值: 23.92dBi

测试频率: 2500MHz
 测试时间: 2011-1-6
 极化方式: 垂直
 测试平面: 垂直面
 峰值电平: -23.51dBm
 3 dB宽度: 7.50°
 前后比值: 30.32dB
 左一旁瓣: 16.67dB
 右一旁瓣: 18.85dB
 方向性值: 24.58dBi

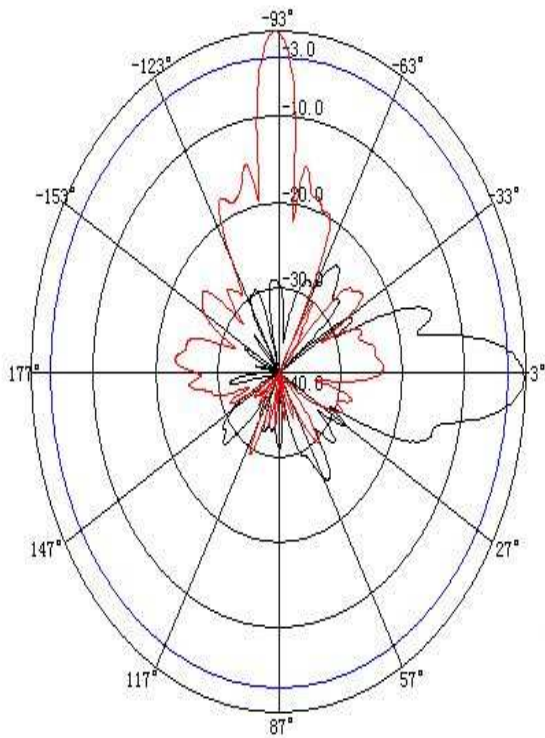
交叉极化鉴别率值:

计算增益值: 23.89dBi

Frequency:	2500Mhz
Tested Time:	1/6/2011
Polarization:	vertical
Test plane	vertical
Electronic Level:	-23.17dBm
The width of 3dB:	12.02°
Front-to-back Ratio :	31.81dB
Left sidebeam:	17.94dB
Right sidebeam:	16.94dB
Directivity	23.92DBI

Frequency:	2500Mhz
Tested Time:	1/6/2011
Polarization:	Horizontal
Test plane	Horizontal
Electronic Level:	-23.51dBm
The width of 3dB:	7.50°
Front-to-back Ratio :	30.32dB
Left sidebeam:	16.67dB
Right sidebeam:	18.85dB
Directivity	24.58DBI

2600MHz GAIN: 23.93dBi



测试频率: 2600MHz
 测试时间: 2011-1-6
 极化方式: 水平
 测试平面: 水平面
 峰值电平: -27.30dBm
 3 dB宽度: 11.10°
 前后比值: 31.61dB
 左一旁瓣: 14.02dB
 右一旁瓣: 27.28dB
 方向性值: 23.14dBi

测试频率: 2600MHz
 测试时间: 2011-1-6
 极化方式: 垂直
 测试平面: 垂直面
 峰值电平: -26.93dBm
 3 dB宽度: 6.91°
 前后比值: 29.24dB
 左一旁瓣: 15.11dB
 右一旁瓣: 15.49dB
 方向性值: 24.50dBi

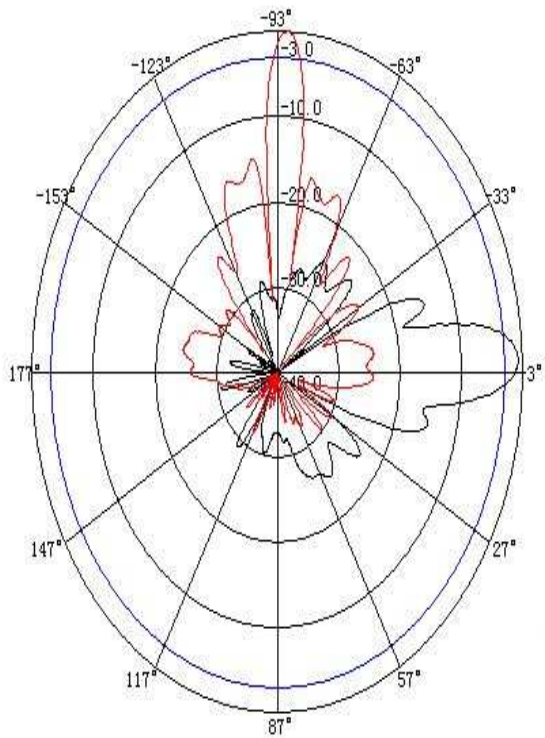
交叉极化鉴别率值:

计算增益值: 23.93dBi

Frequency:	2600Mhz
Tested Time:	1/6/2011
Polarization:	vertical
Test plane	vertical
Electronic Level:	-27.30dBm
The width of 3dB:	11.10°
Front-to-back Ratio :	31.61dB
Left sidebeam:	14.02dB
Right sidebeam:	27.28dB
Directivity	23.14DBI

Frequency:	2600Mhz
Tested Time:	1/6/2011
Polarization:	Horizontal
Test plane	Horizontal
Electronic Level:	-26.93dBm
The width of 3dB:	6.91°
Front-to-back Ratio :	29.24dB
Left sidebeam:	15.11dB
Right sidebeam:	15.49dB
Directivity	24.50DBI

2700MHz GAIN: 24.07dBi



测试频率: 2700MHz
 测试时间: 2011-1-6
 极化方式: 水平
 测试平面: 水平面
 峰值电平: -26.88dBm
 3 dB宽度: 10.47°
 前后比值: 29.90dB
 左一旁瓣: 14.08dB
 右一旁瓣: 14.07dB
 方向性值: 23.11dBi

测试频率: 2700MHz
 测试时间: 2011-1-6
 极化方式: 垂直
 测试平面: 垂直面
 峰值电平: -26.14dBm
 3 dB宽度: 6.72°
 前后比值: 31.89dB
 左一旁瓣: 14.64dB
 右一旁瓣: 16.59dB
 方向性值: 24.51dBi

交叉极化鉴别率值:

计算增益值: 24.07dBi

Frequency:	2700Mhz
Tested Time:	1/6/2011
Polarization:	vertical
Test plane	vertical
Electronic Level:	-26.88dBm
The width of 3dB:	10.47°
Front-to-back Ratio :	29.90dB
Left sidebeam:	14.08dB
Right sidebeam:	14.07dB
Directivity	23.11DBI

Frequency:	2700Mhz
Tested Time:	1/6/2011
Polarization:	Horizontal
Test plane	Horizontal
Electronic Level:	-26.14dBm
The width of 3dB:	6.72°
Front-to-back Ratio :	31.89dB
Left sidebeam:	14.64dB
Right sidebeam:	16.59dB
Directivity	24.51DBI