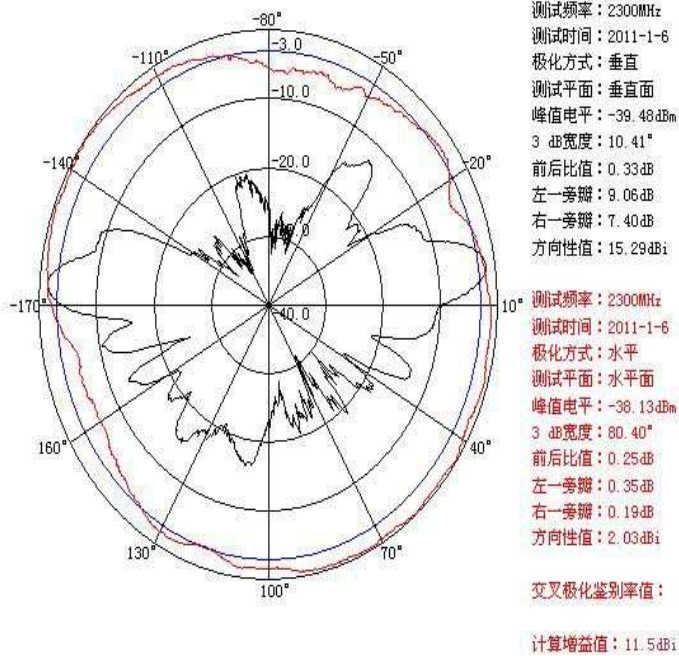


Characterization Data for RFWAT2P50MNNF 2.3GHz - 2.7GHz Omni (WiFi/ WiMax)

RFWEL - www.rfwel.com

E-Store Link: <http://www.rfwel.com/shop/2.3-2.7-GHz-WiMax-12-dBi-Omni-Antenna.html>

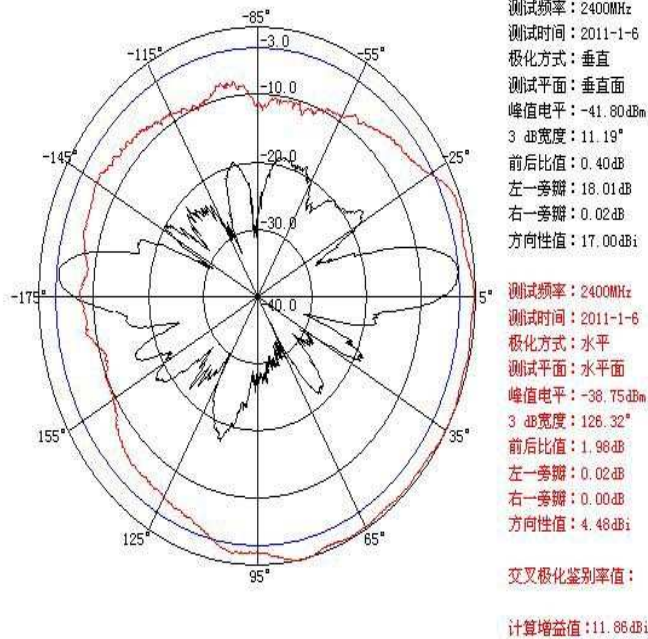
2300MHz GAIN: 11.5dBi



Frequency:	2300Mhz
Tested Time:	1/6/2011
Polarization:	vertical
Test plane	vertical
Electronic Level:	-39.48dBm
The width of 3dB:	10.41°
Front-to-back Ratio :	0.33dB
Left sidebeam:	9.06dB
Right sidebeam:	7.40dB
Directivity	15.29DBI

Frequency:	2300Mhz
Tested Time:	1/6/2011
Polarization:	Horizontal
Test plane	Horizontal
Electronic Level:	-38.13dBm
The width of 3dB:	80.40°
Front-to-back Ratio :	0.25dB
Left sidebeam:	0.35dB
Right sidebeam:	0.19dB
Directivity	2.03DBI

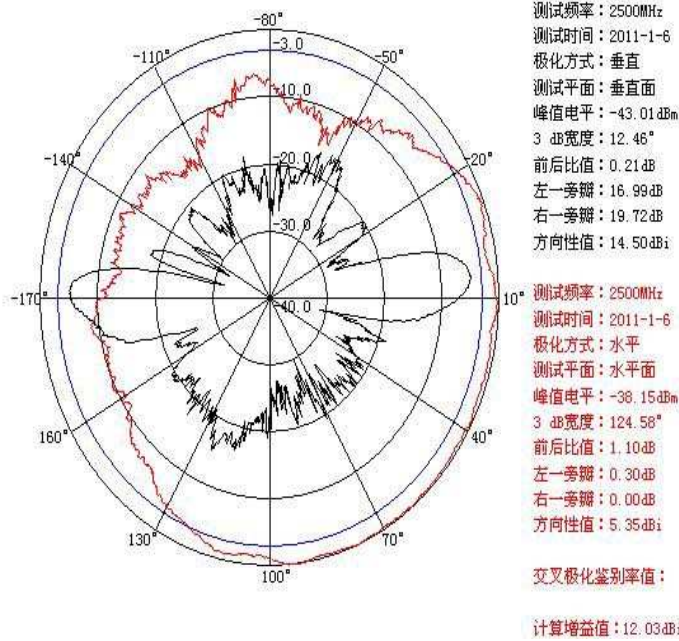
2400MHz GAIN: 11.86dBi



Frequency:	2400Mhz
Tested Time:	1/6/2011
Polarization:	vertical
Test plane	vertical
Electronic Level:	-41.80dBm
The width of 3dB:	11.19°
Front-to-back Ratio :	0.40dB
Left sidebeam:	18.01dB
Right sidebeam:	0.02dB
Directivity	17.00DBI

Frequency:	2400Mhz
Tested Time:	1/6/2011
Polarization:	Horizontal
Test plane	Horizontal
Electronic Level:	-38.75dBm
The width of 3dB:	126.32°
Front-to-back Ratio :	1.98dB
Left sidebeam:	0.02dB
Right sidebeam:	0.00dB
Directivity	4.48DBI

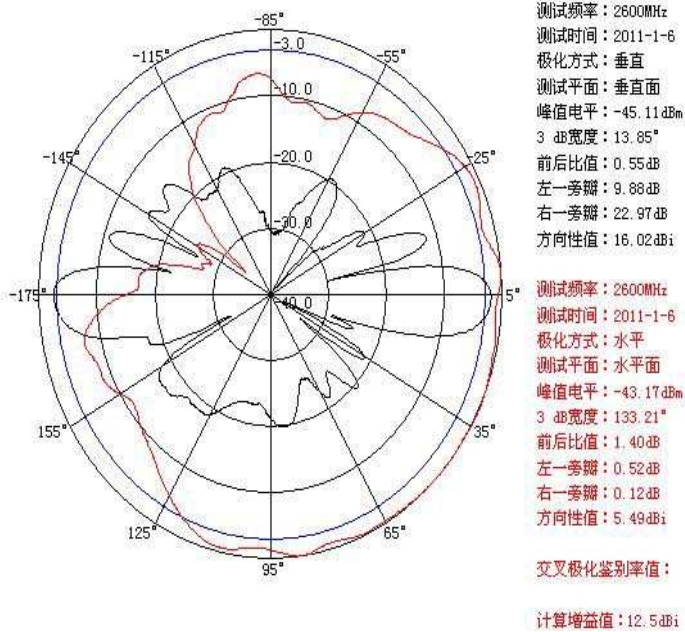
2500MHz GAIN:12.03dBi



Frequency:	2500Mhz
Tested Time:	1/6/2011
Polarization:	vertical
Test plane	vertical
Electronic Level:	-43.01dBm
The width of 3dB:	12.46°
Front-to-back Ratio :	0.21dB
Left sidebeam:	16.99dB
Right sidebeam:	19.72dB
Directivity	14.5DBI

Frequency:	2500Mhz
Tested Time:	1/6/2011
Polarization:	Horizontal
Test plane	Horizontal
Electronic Level:	-38.15dBm
The width of 3dB:	124.58°
Front-to-back Ratio :	1.10dB
Left sidebeam:	0.30dB
Right sidebeam:	0.00dB
Directivity	2.35DBI

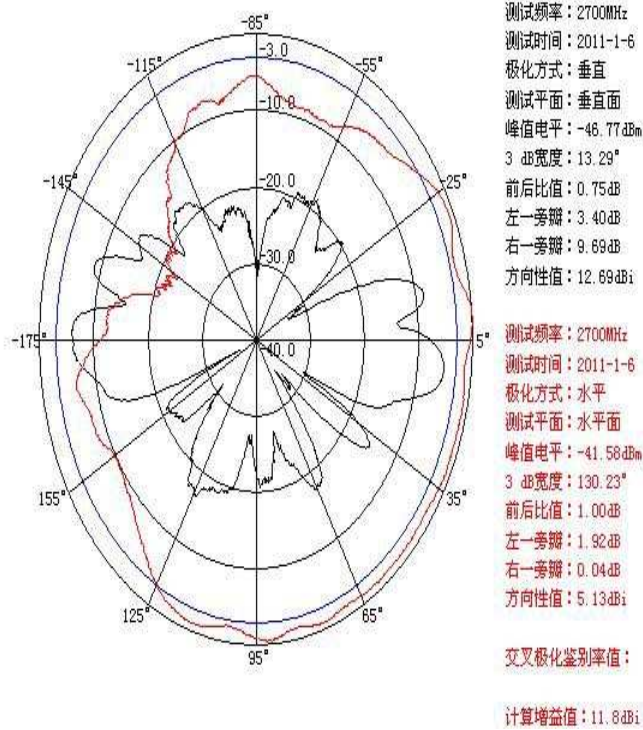
2600MHZ GAIN: 12.5dBi



Frequency:	2600Mhz
Tested Time:	1/6/2011
Polarization:	vertical
Test plane	vertical
Electronic Level:	-45.11dBm
The width of 3dB:	13.85°
Front-to-back Ratio :	0.55dB
Left sidebeam:	9.88dB
Right sidebeam:	22.97dB
Directivity	16.02DBI

Frequency:	2600Mhz
Tested Time:	1/6/2011
Polarization:	Horizontal
Test plane	Horizontal
Electronic Level:	-43.17dBm
The width of 3dB:	133.21°
Front-to-back Ratio :	1.40dB
Left sidebeam:	0.52dB
Right sidebeam:	0.12dB
Directivity	5.49DBI

2700MHZ GAIN: 11.8dBi



Frequency:	2700Mhz
Tested Time:	1/6/2011
Polarization:	vertical
Test plane	vertical
Electronic Level:	-46.77dBm
The width of 3dB:	13.29°
Front-to-back Ratio :	0.75dB
Left sidebeam:	3.40dB
Right sidebeam:	9.69dB
Directivity	12.69DBI

Frequency:	2700Mhz
Tested Time:	1/6/2011
Polarization:	Horizontal
Test plane	Horizontal
Electronic Level:	-41.58dBm
The width of 3dB:	130.23°
Front-to-back Ratio :	1.00dB
Left sidebeam:	1.92dB
Right sidebeam:	0.04dB

Directivity	5.13DBI
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