

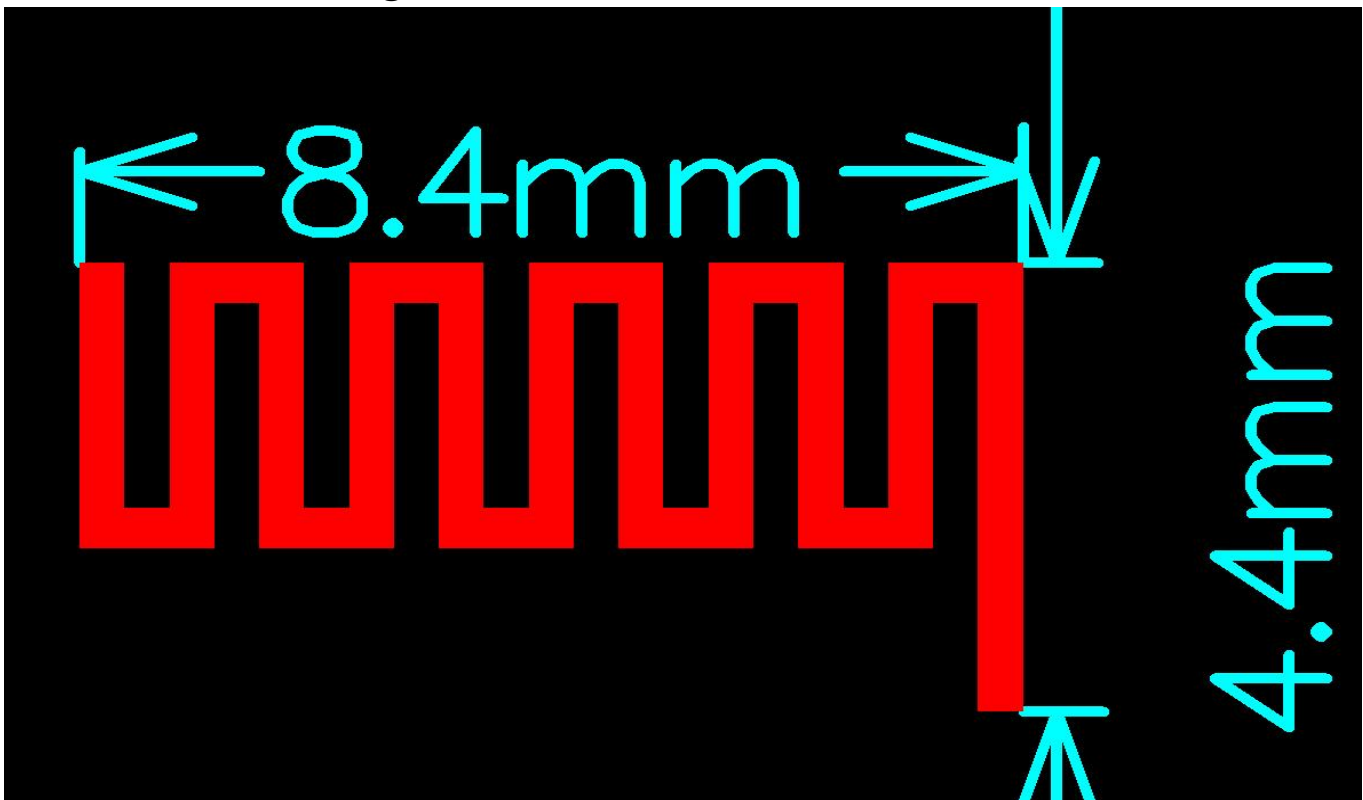
Antenna Specification

Specifications

Summary

ITEM	SPEC.	
Model Name	ISM 2.4 GHz	
Center Frequency	2403.65 MHz 2441.65 MHz 2479.65MHz	1.92 dBi 1.58 dBi 0.49 dBi
MAX. GAIN	1.92 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	12.8MM	
Manufacturer:	SHENZHEN HENGSHANG ELECTRONIC CO., LTD	

Antenna Photo & Length



1.Main antenna : 2403.65 MHz

1.1 Horizontal



Advance Data Technology Corporation

誠信科技股份有限公司

Hwa Ya Lab : No.19, Hwa Ya 2nd RD, Kwei-San, Taoyuan, Taiwan, R.O.C.

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Taipei Lab : 13-1 Lane 19, Wei-Si 3rd St, Kwei-San, Taoyuan, Taiwan, R.O.C.

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Hsinchu Lab: 81-1 Litbakeig, 9th Fl, Welling Tower, Ching-Gu, Hsinchu, Taiwan, R.O.C.

Tel (886) 327-0910 Fax (886) 327-0892

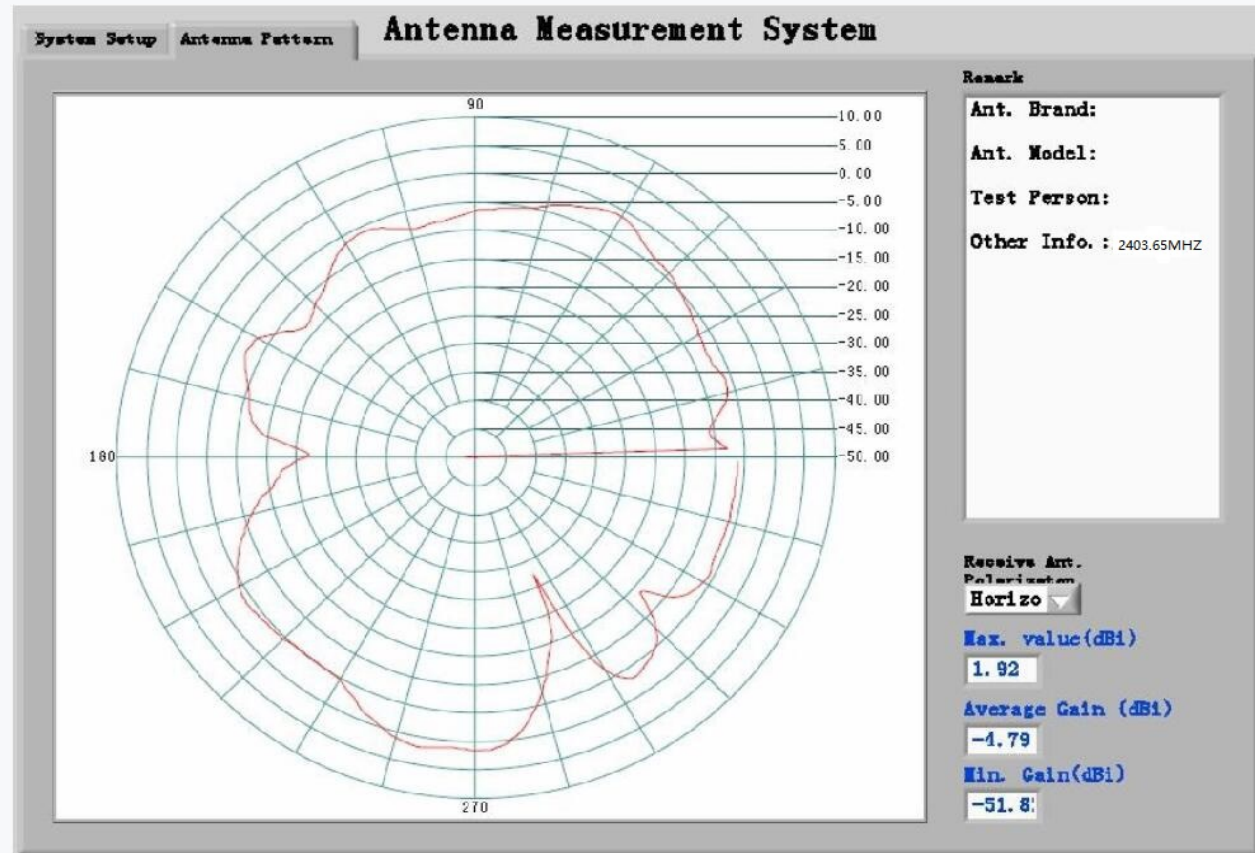
Tel (886) 593-5343 Fax (886) 593-5342

Brand / Model : IBM 2.4GHz

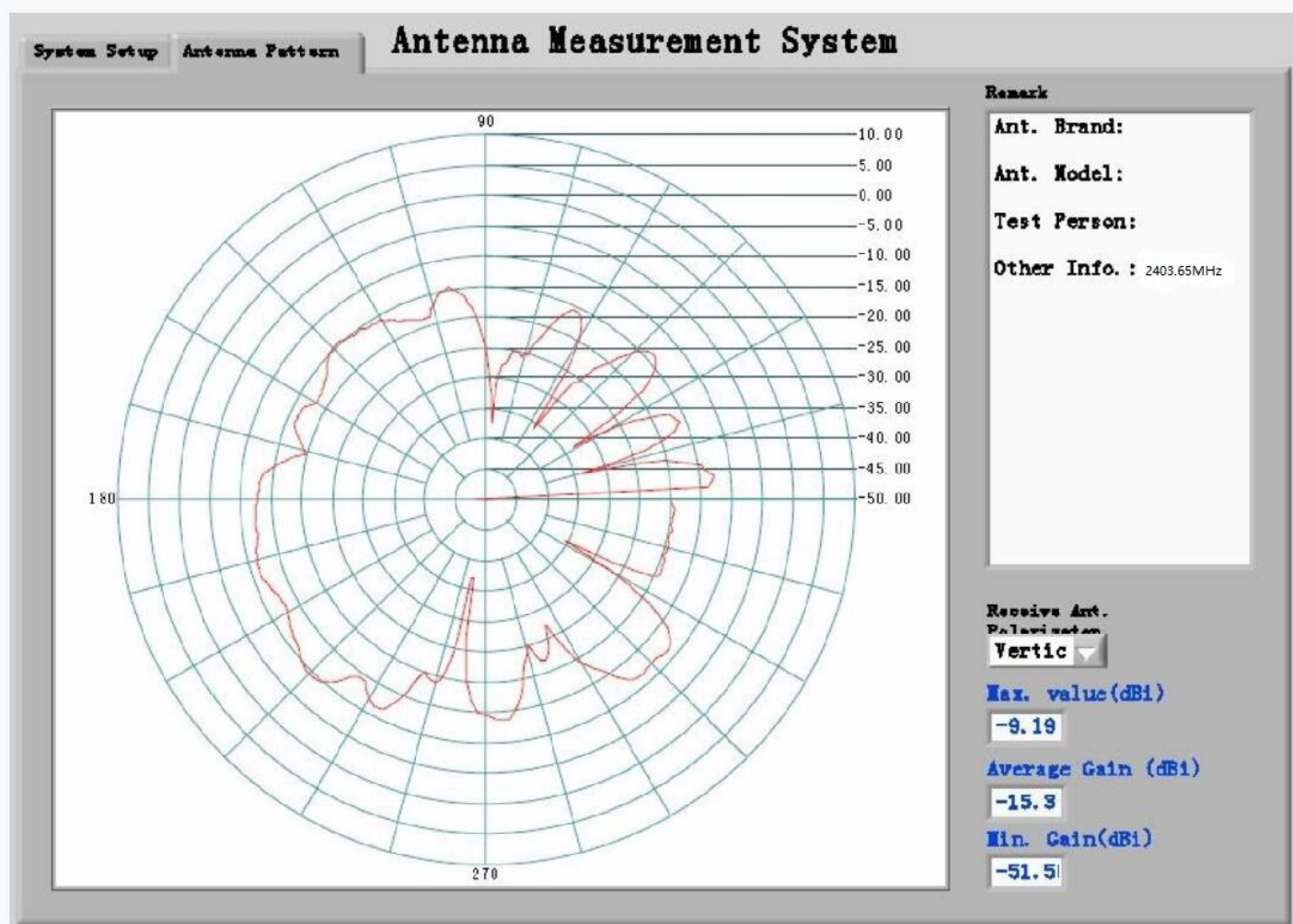
Remark : E1

Tested by : SHELLY

EUT description :



1.2 Vertical



2.Main antenna : 2441.65 MHz

2.1 Horizontal

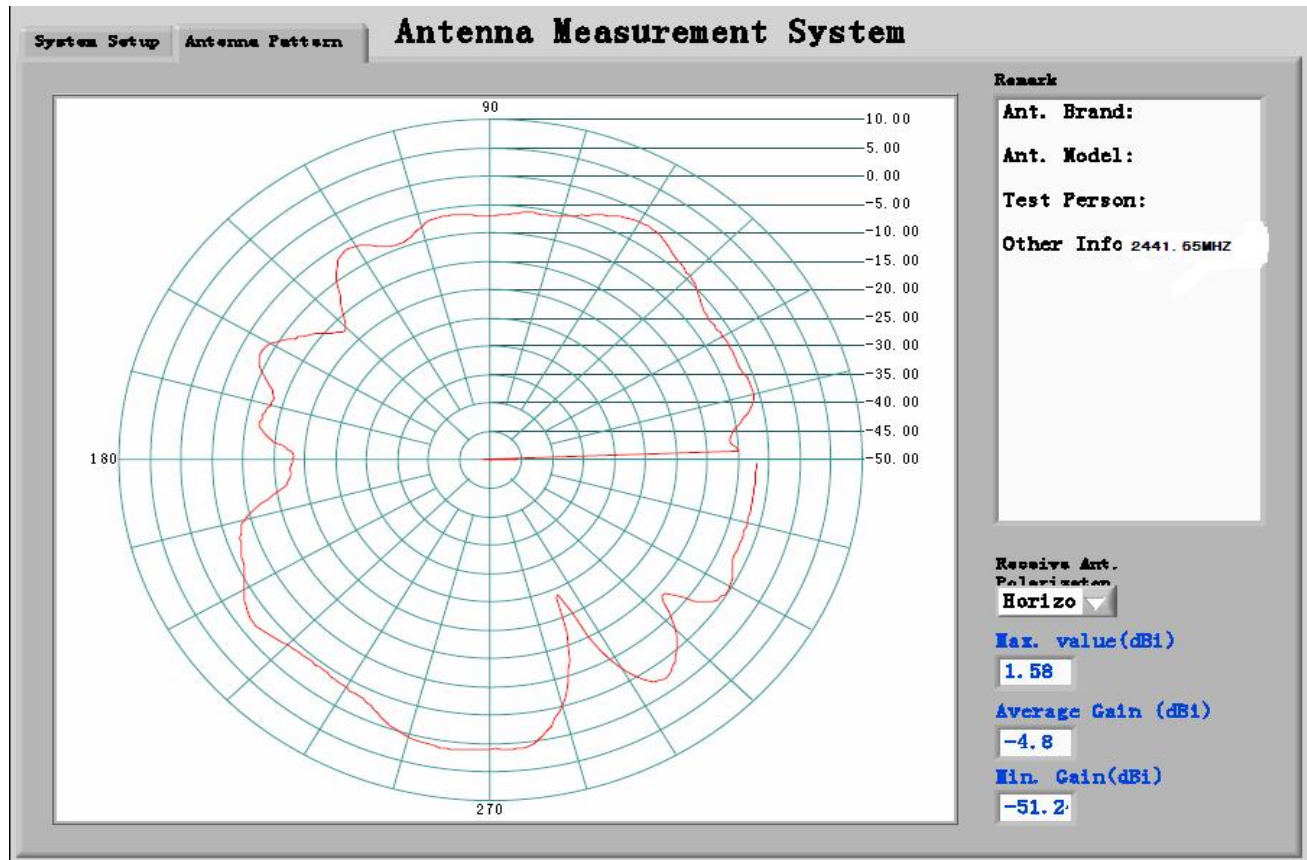


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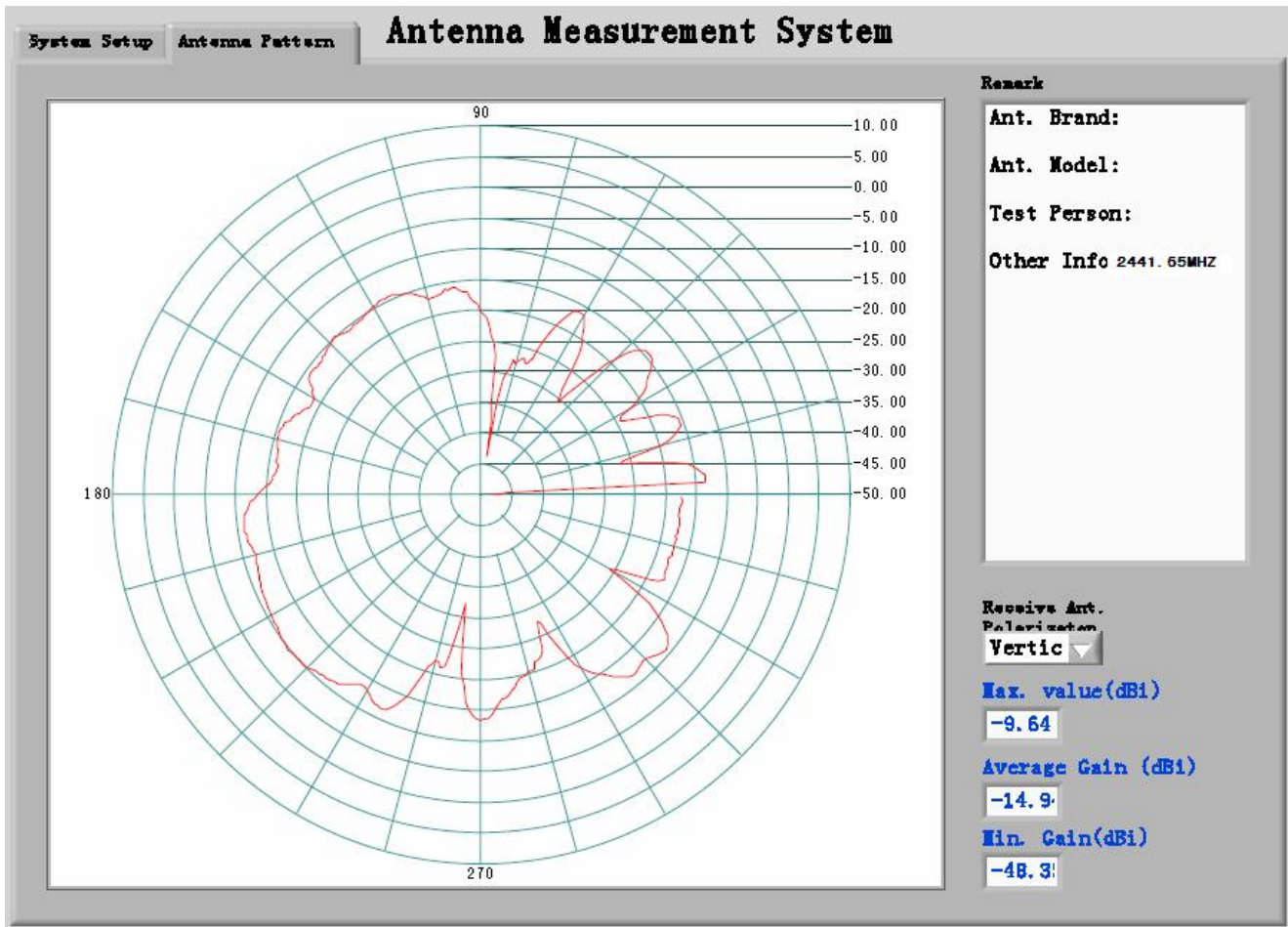
Hwa Ya Lab : No.19, Hwa Ya 2nd RD., Kieik kaa, Taoyuan, Taiwan, R.O.C.
Taoyuan Lab : 13-1 Lane 19, Wuei Skai 3rd ST., Kieik kaa, Taoyuan, Taiwan, R.O.C.
Hsinchu Lab: 81-1 Litbakeg, 5th Lla, Wueing Tzsee, Chinggilu, Hsinchu, Taiwan, R.O.C.

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Tel (03) 593-5343 Fax (03) 593-5342

Brand / Model : IBM 2.4GHz
Remark : E1
Tested by : SHELLY
EUT description :



2.2 Vertical



3.Main antenna : 2479.65 MHz

3.1 Horizontal



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Brand / Model : IBM 2.4GHz

Remark : E1

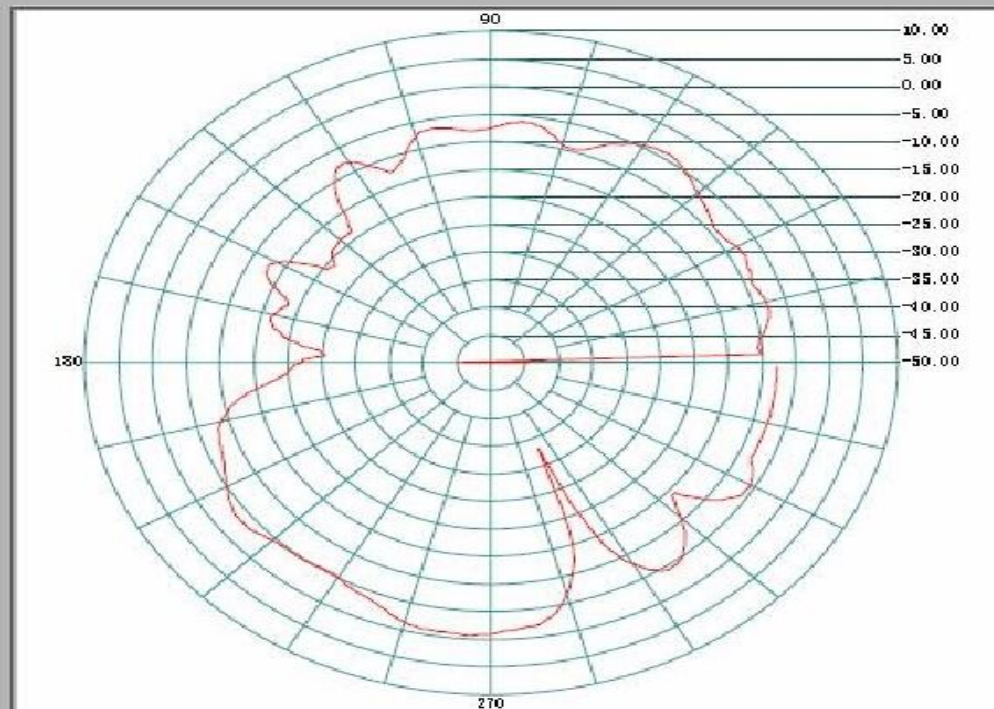
Tested by : SHELLY

EUT description :

System Setup

Antenna Pattern

Antenna Measurement System



Remark

Ant. Brand:

Ant. Model:

Test Person:

Other Info. :2479.65MHz

Receive Ant.
Polarization
Horizontal

Max. value(dBi)

-0.47

Average Gain (dBi)

-6.52

Min. Gain(dBi)

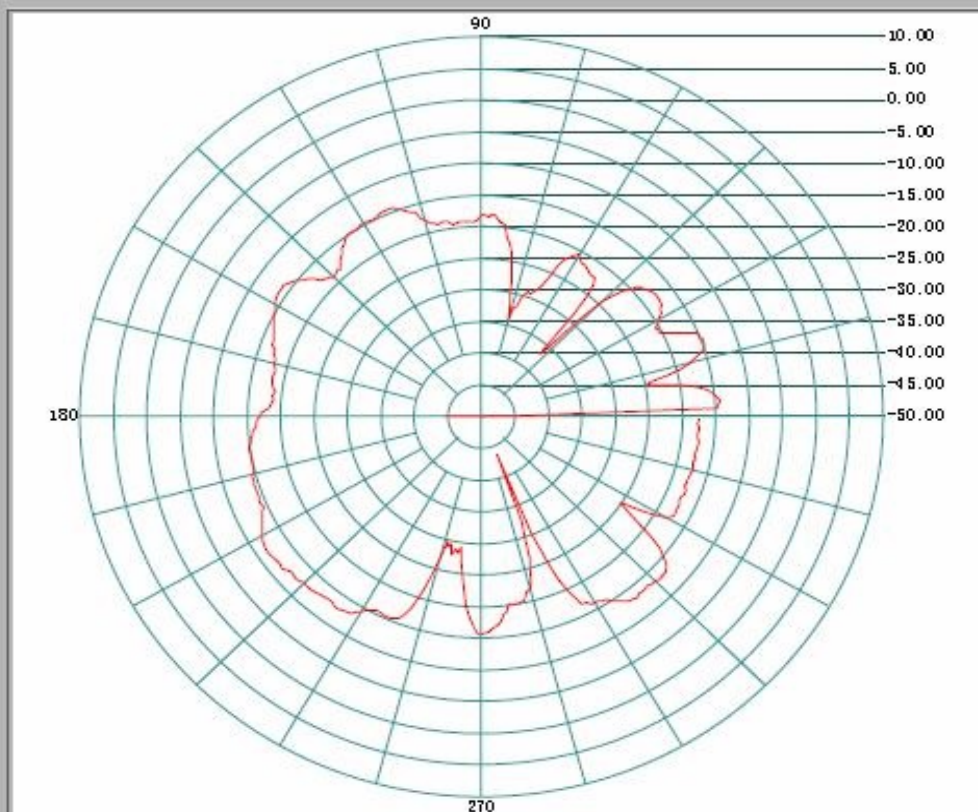
-35.11

3.2 Vertical

System Setup

Antenna Pattern

Antenna Measurement System



Remark

Ant. Brand:

Ant. Model:

Test Person:

Other Info. :2479.65MHz

Receive Ant.
Polarization
Vertical

Max. value(dBi)

-11.5

Average Gain (dBi)

-16.4

Min. Gain(dBi)

-35.3

4. Result

Center Frequency		Maximum Ant Gain
2403.65 MHz	H	1.92 dBi
	V	-9.19 dBi
2441.65 MHz	H	1.58 dBi
	V	-9.64 dBi
2479.65 MHz	H	0.49 dBi
	V	-11.5 dBi