

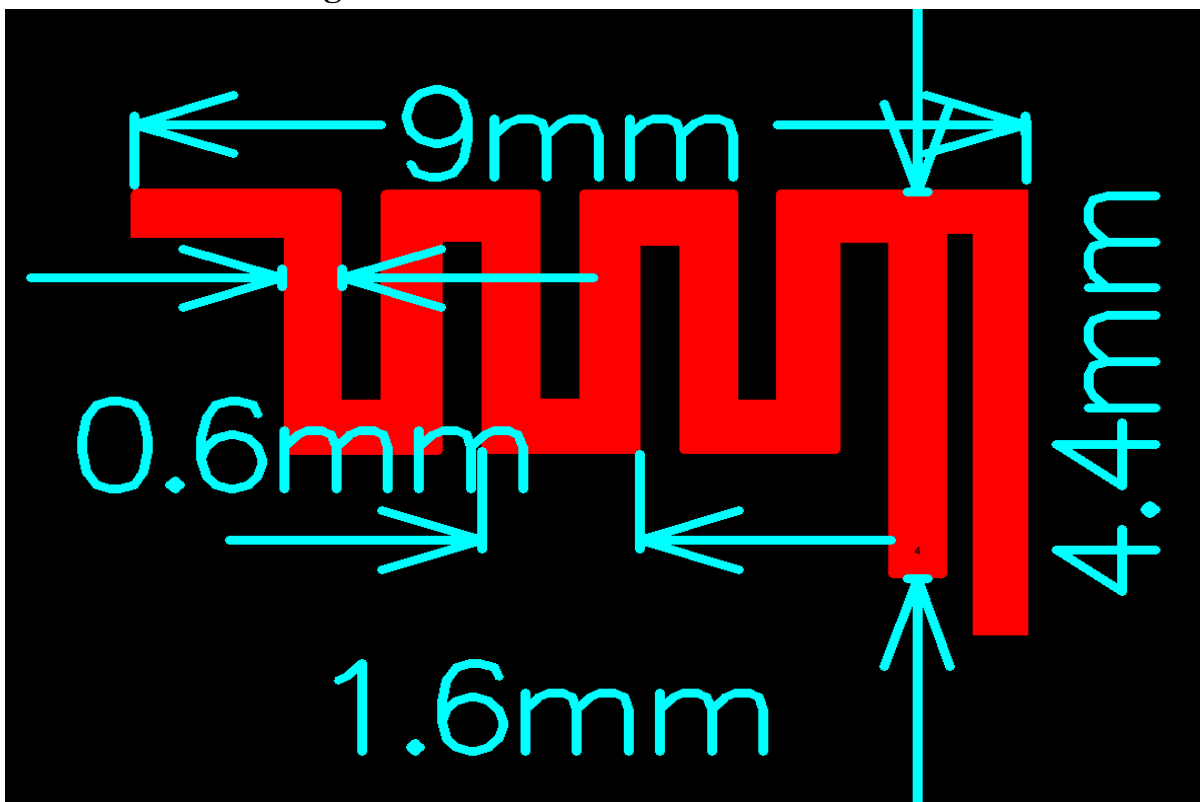
Antenna Specification

Specifications

Summary

ITEM	SPEC.	
Model Name	ISM 2.4 GHz	
Center Frequency	2403.00 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	13.4MM	

Antenna Photo & Length



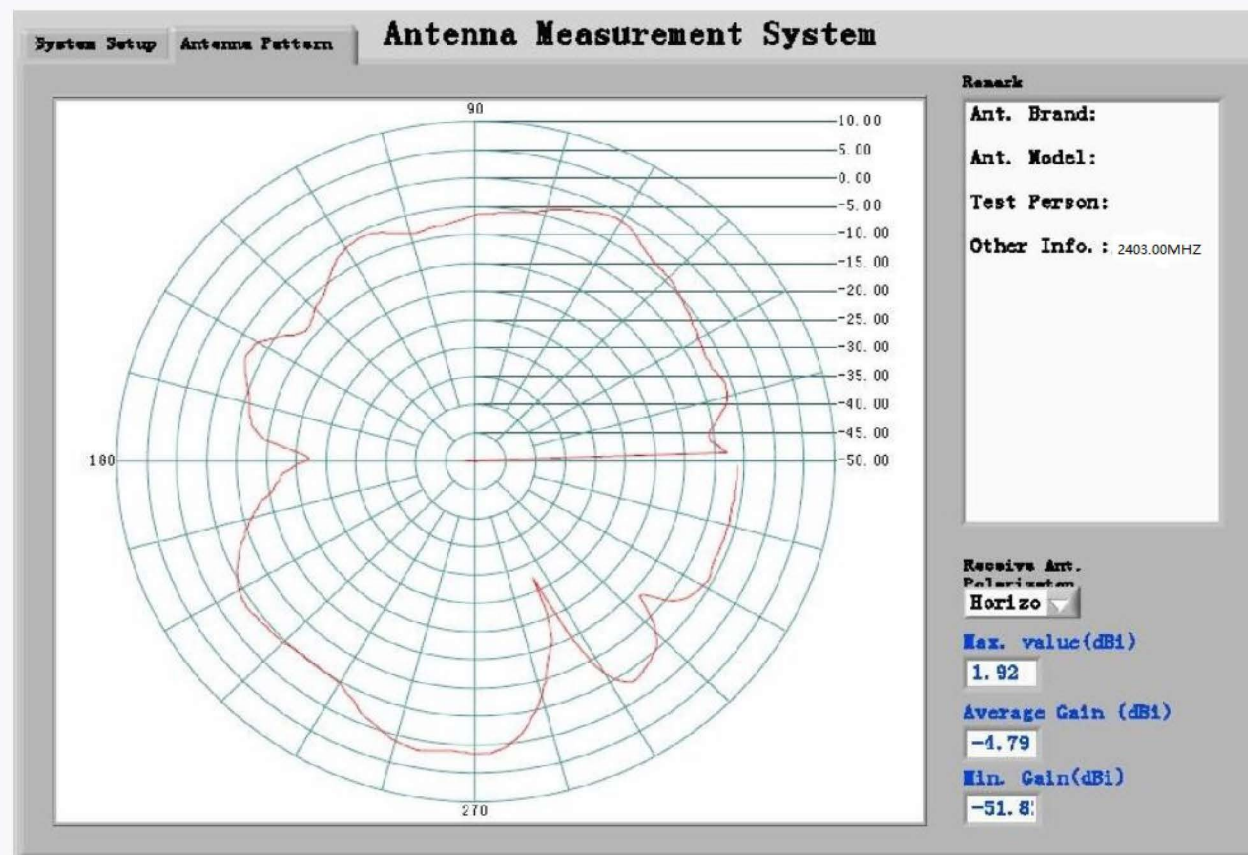
1.Main antenna : 2403.00 MHz

1.1 Horizontal

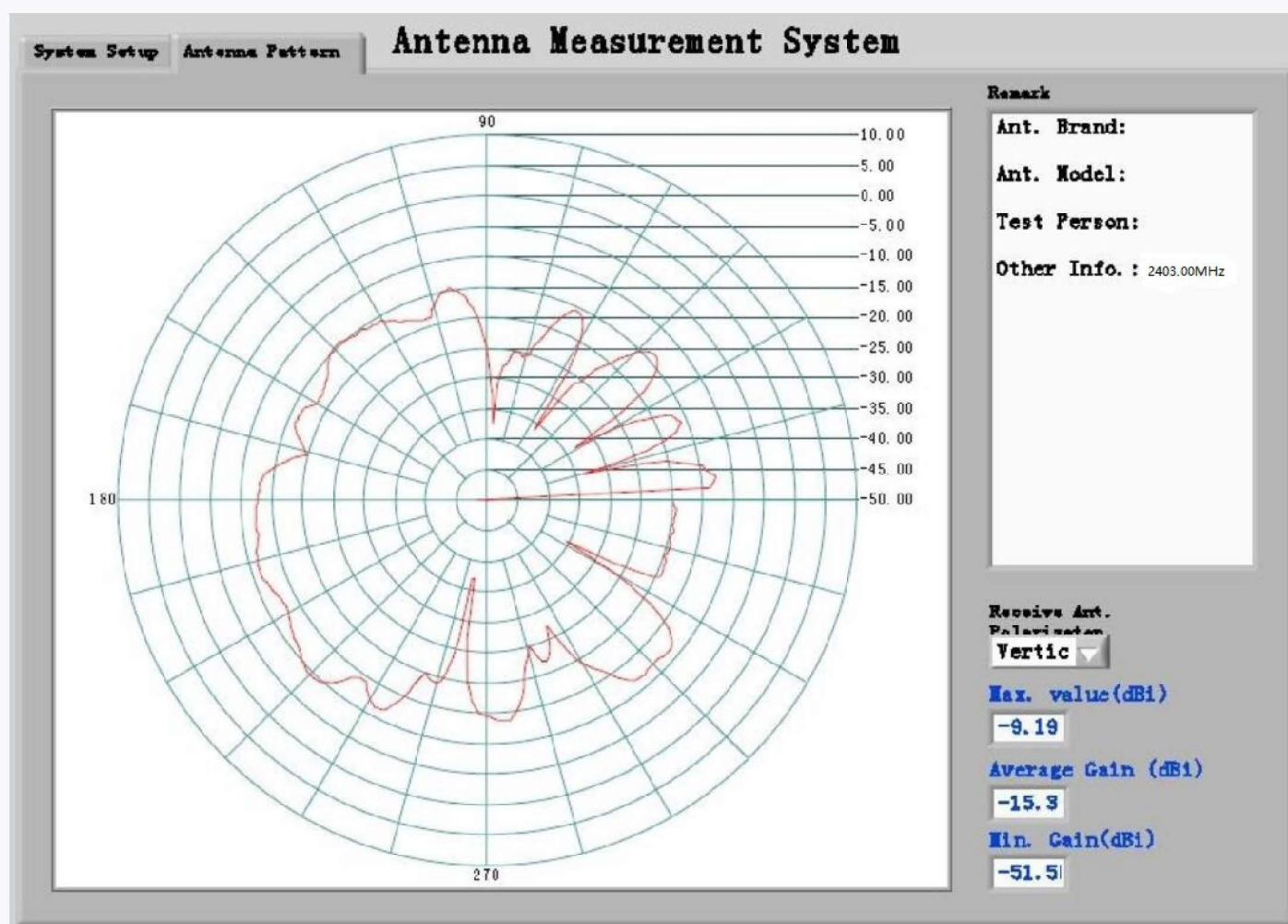


Advance Data Technology Corporation 誠信科技股份有限公司
Hwa Ya Lab : No.19, Hwa Ya 2nd RD, Kwei-San, Taoyuan, Taiwan, R.O.C.
Tayuan Lab : 13-1 Lane 19, Wu-Si San 3rd St, Kwei-San, Taoyuan, Taiwan, R.O.C.
Hsinchi Lab: 81-1 Litbakeig, 9th Fl, Welling Tseu, Chingli, Hsinchi, Taiwan, R.O.C.

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



1.2 Vertical



2.Main antenna : 2441.65 MHz

2.1 Horizontal

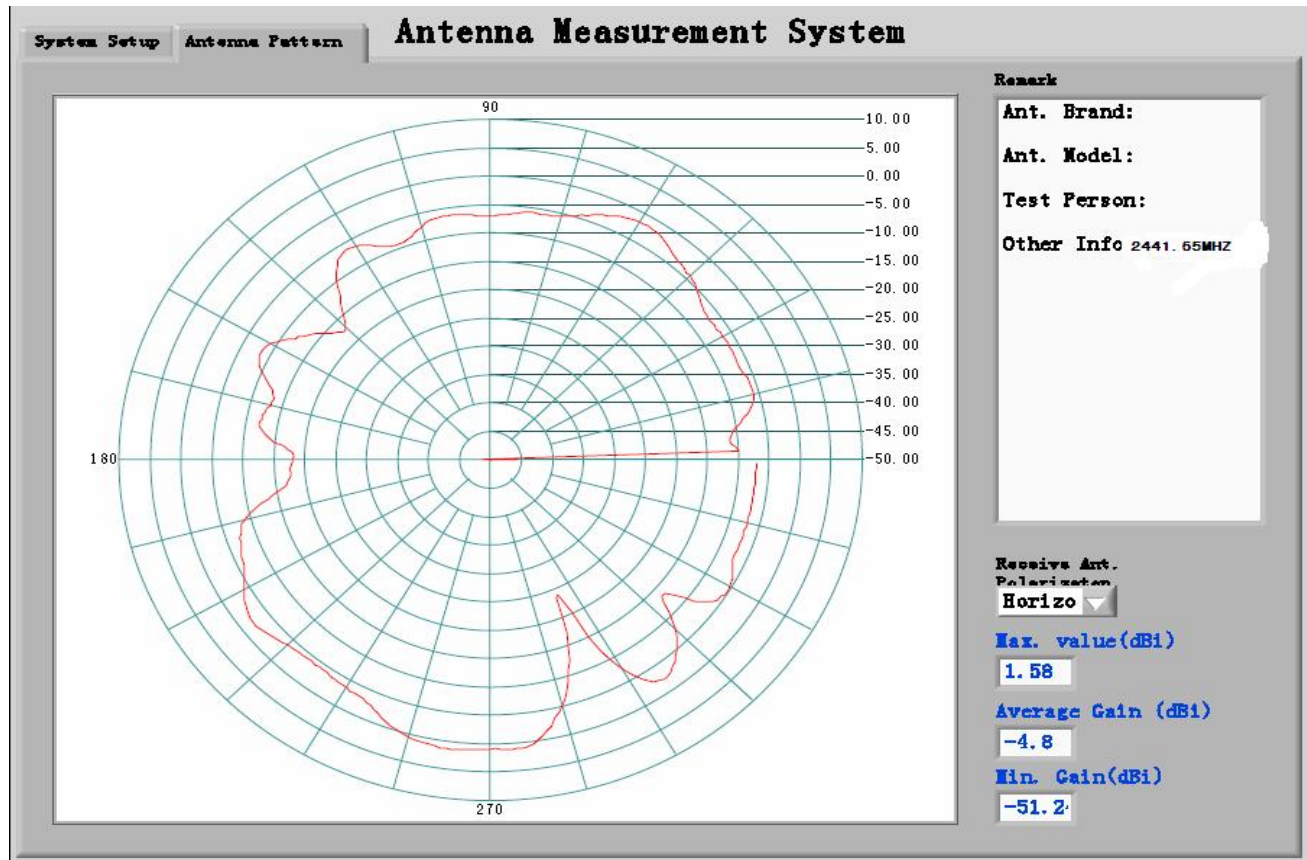


Advance Data Technology Corporation 誠信科技股份有限公司

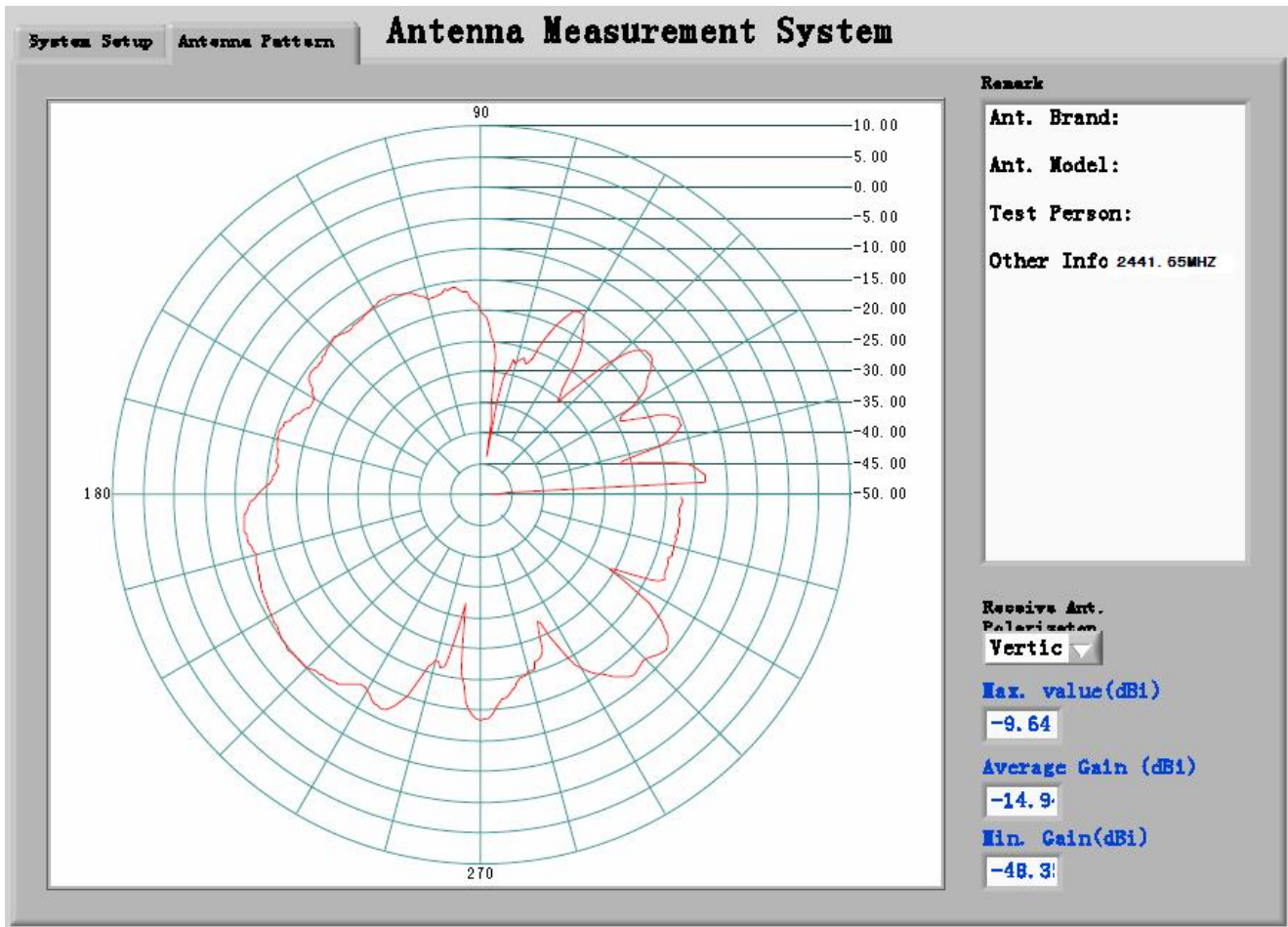
Hwa Ya Lab : No.19, Hwa Ya 2nd RD., Kieik kaa, Taoyuan, Taiwan, R.O.C.
Taoyuan Lab : 13-1 Lane 19, Wuei Skai 3rd ST., Kieik kaa, Taoyuan, Taiwan, R.O.C.
Hsinchu Lab: 81-1 Litbackeng, 5th Lla, Wueing Tzsee, Chinggilu, Hsinchu, Taiwan, R.O.C.

http://www.adt.com.tw E-mail: service@adt.com.tw
Tel (886) 315-3232 Fax (886) 315-5050
Tel (886) 327-0910 Fax (886) 327-0992
Tel (886) 593-5343 Fax (886) 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



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.

http://www.adt.com.tw/ E-mail: service@adt.com.tw

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

Tel (886) 318-3232 Fax (886) 318-5050

Hsinchu Lab: 81-1 Lidaokeng, 95 Lih, Wuling Tzsa, Chinglin, Hsinchu, Taiwan, R.O.C.

Tel (886) 327-0910 Fax (886) 327-0992

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

Brand / Model : IBM 2.4GHz

Remark : E1

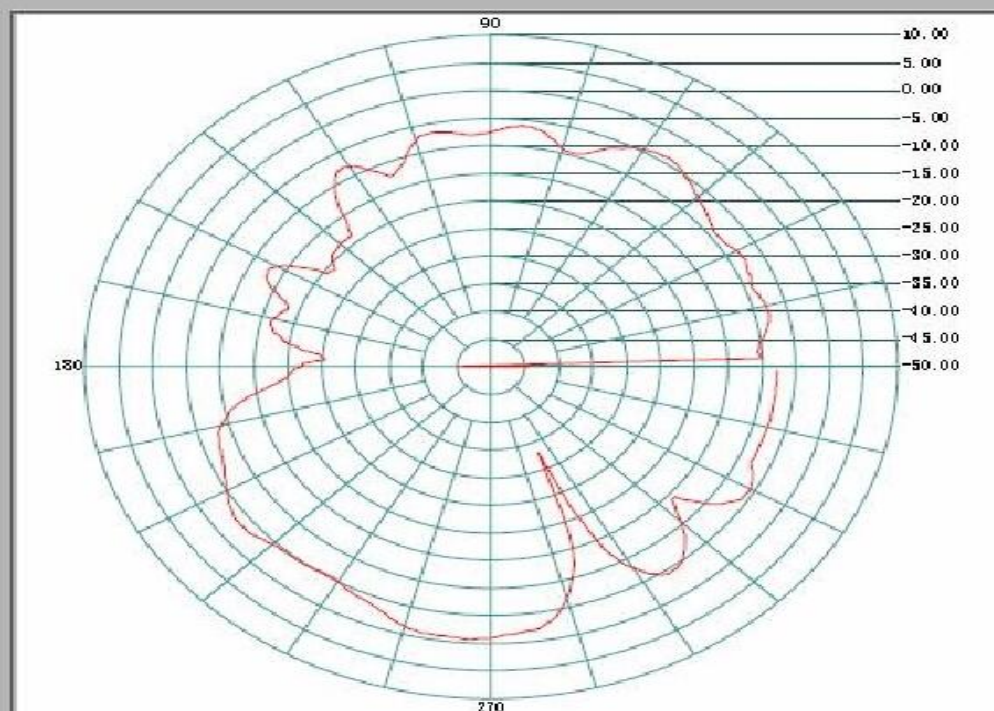
Tested by : SHELLEY

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)

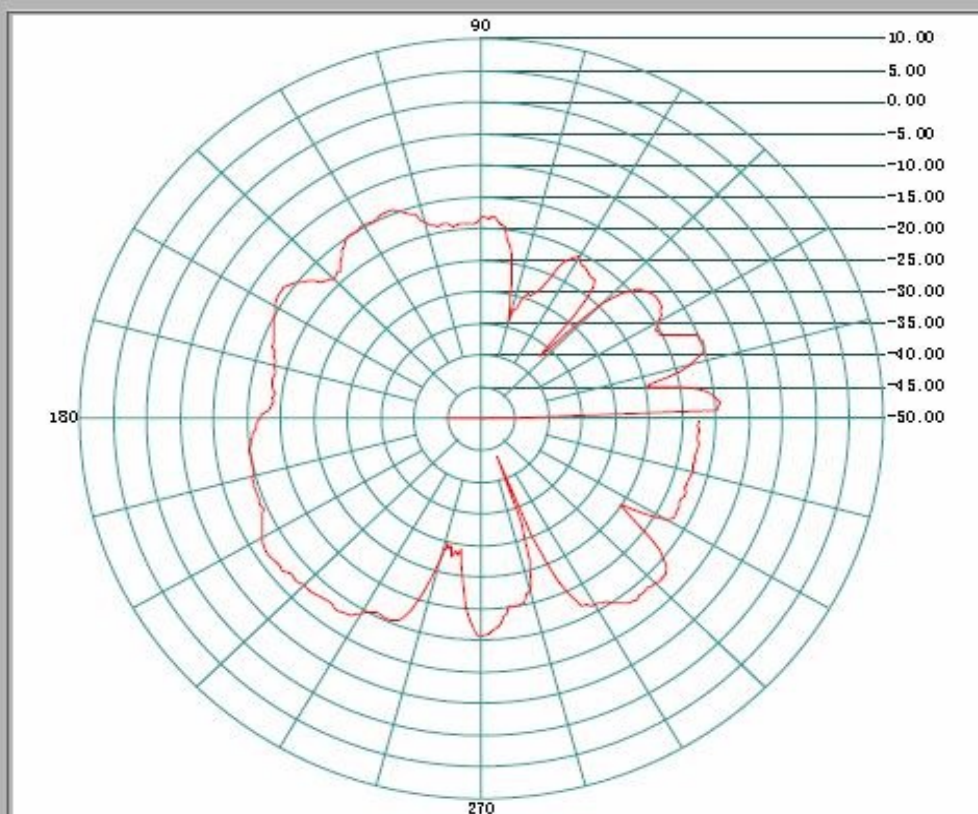
-35.11

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
2403.00 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