

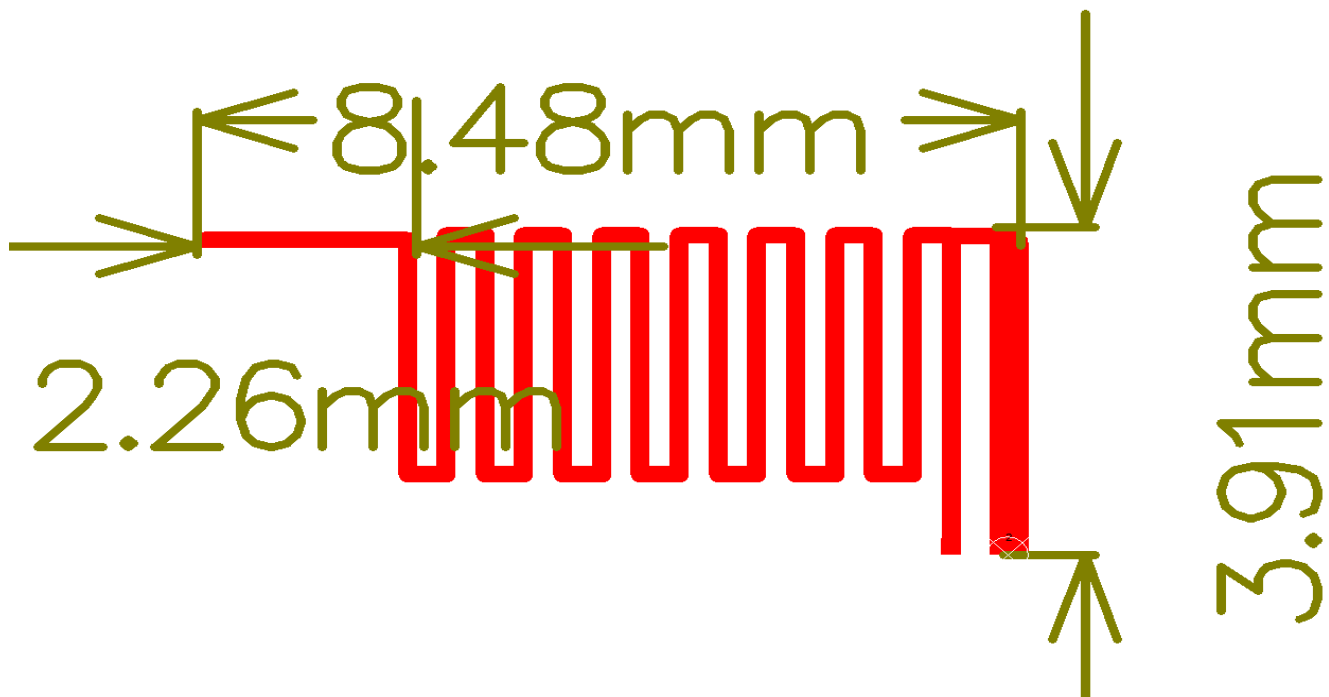
Antenna Specification

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	12.39MM	

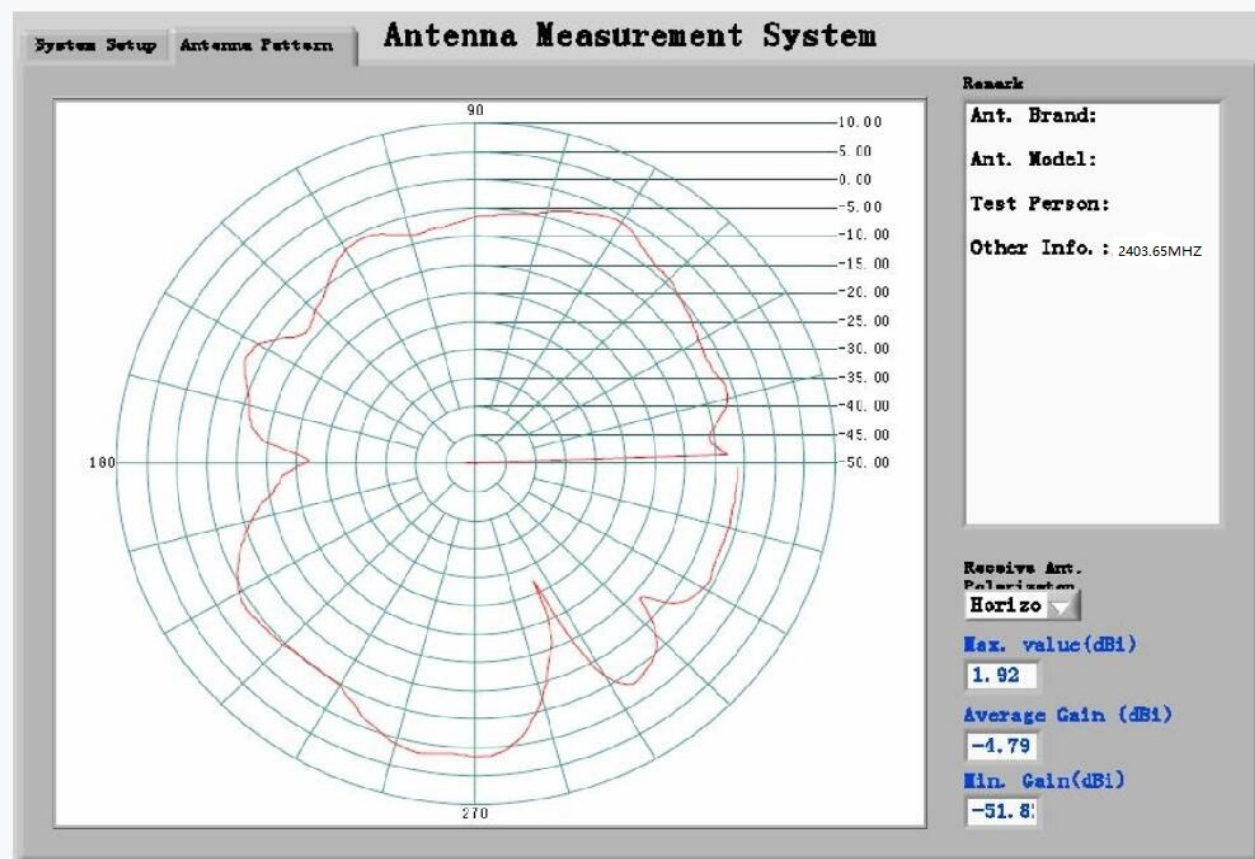
Antenna Photo & Length



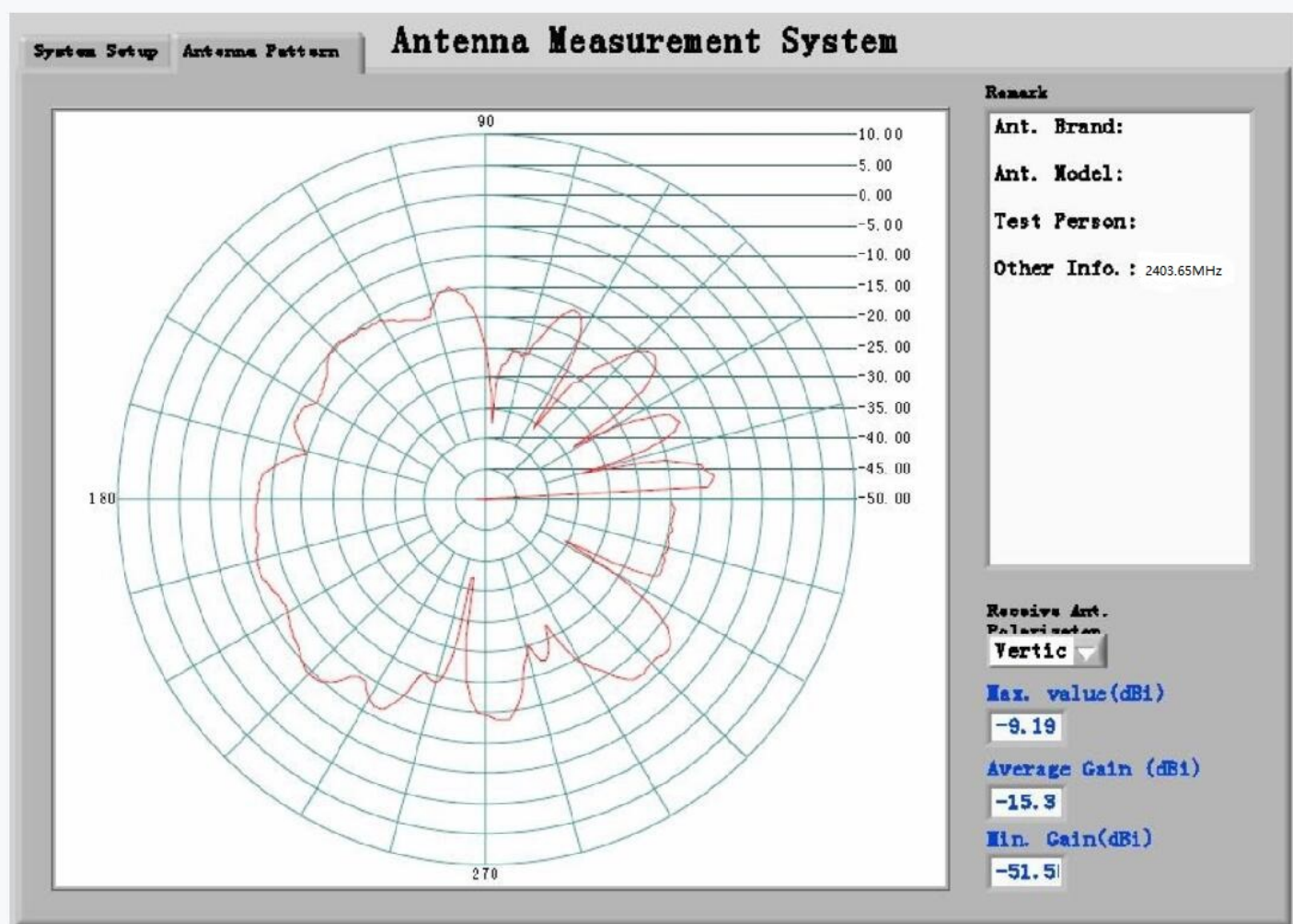
1.Main antenna : 2403.65 MHz

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, Kieik kiao, Taoyuan, Taiwan, R.O.C. Tayuan Lab : 13-1 Lane 19, Wai Si Kai 3rd St, Kieik kiao, Taoyuan, Taiwan, R.O.C. Hsinchi Lab: 81-1 Litbokeig, 9th Lia, Welling Tsees, Chinglin, Hsinchi, Taiwan, R.O.C.	http://www.adt.com.tw E-mail: service@adt.com.tw Tel (886) 318-3232 Fax (886) 318-5050 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.
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Taiwan Lab : 13-1 Lane 19, Wuei Skai 3rd ST., Kieik kaa, Taoyuan, Taiwan, R.O.C.
Tel (886) 327-0910 Fax (886) 327-0992

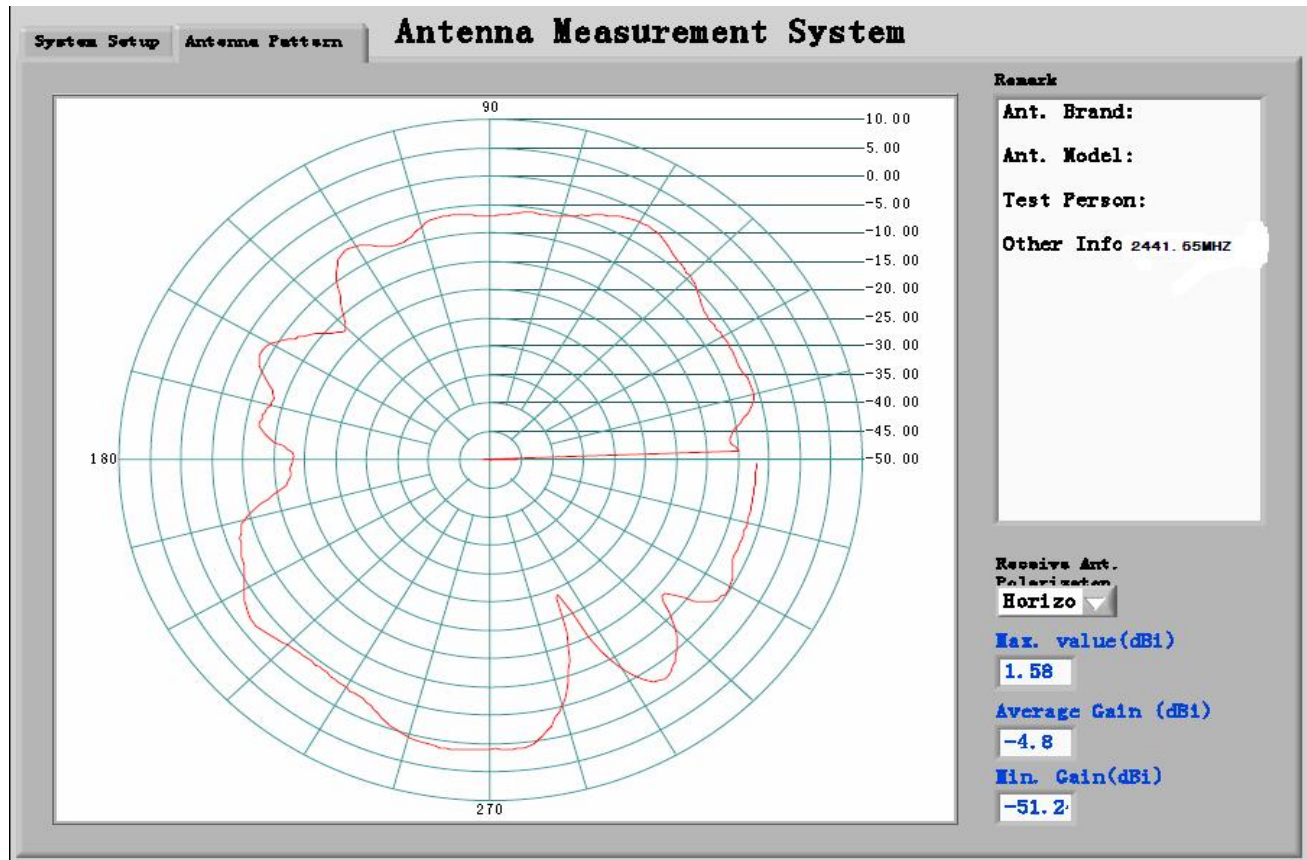
Hsiachia Lab: 81-1 Litbackeng, 5th Lla, Wueiking Tzsee, Chikanglla, Hsiachia, Taiwan, R.O.C.
Tel (886) 593-5343 Fax (886) 593-5342

Brand / Model : IBM 2.4GHz

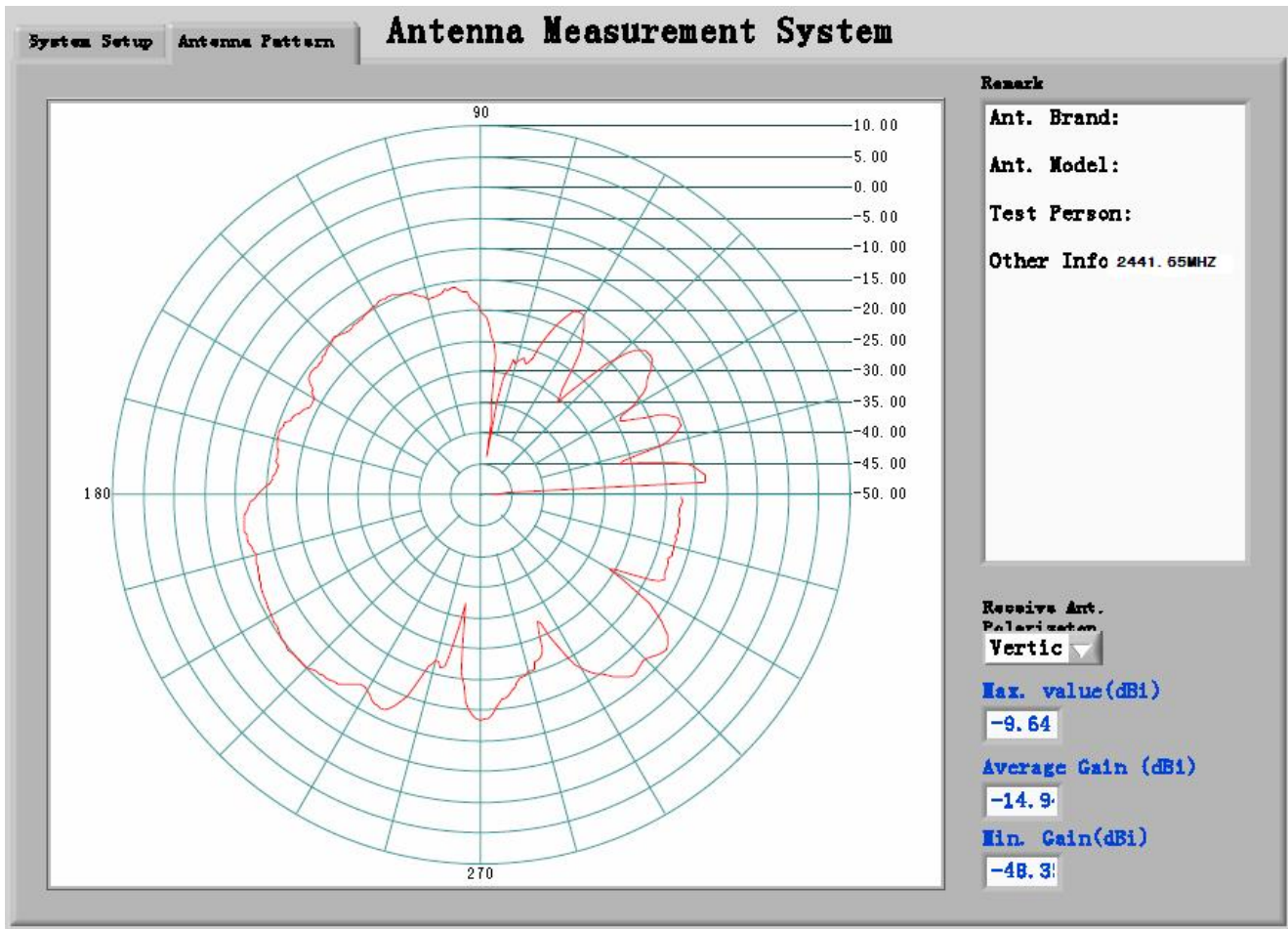
Remark : E1

Tested by : SHELLY

EUT description :



2.2 Vertical



3.Main antenna : 2479.65 MHz

3.1 Horizontal



Advance Data Technology Corporation

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

Brand / Model : IBM 2.4GHz

Remark : E1

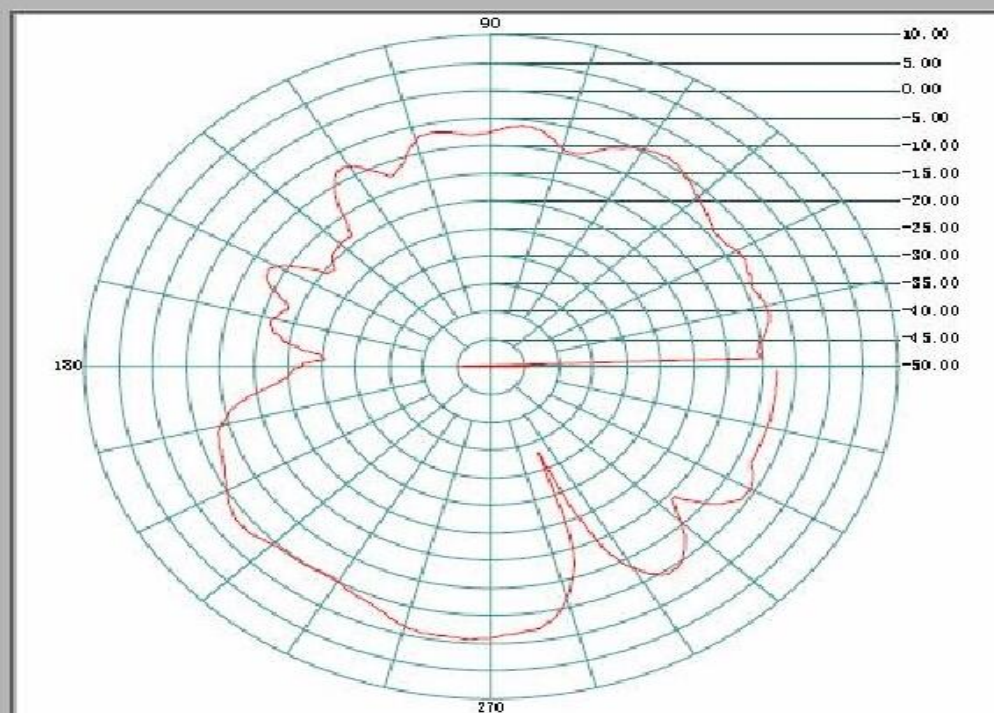
Tested by : SHELLEY

EUT description :

System Setup

Antenna Pattern

Antenna Measurement System



Remark

Ant. Brand:

Ant. Model:

Test Person:

Other Info. :2479.65MHz

Receive Ant.
Polarization

Horizo

Max. value(dBi)

-0.47

Average Gain (dBi)

-6.52

Min. Gain(dBi)

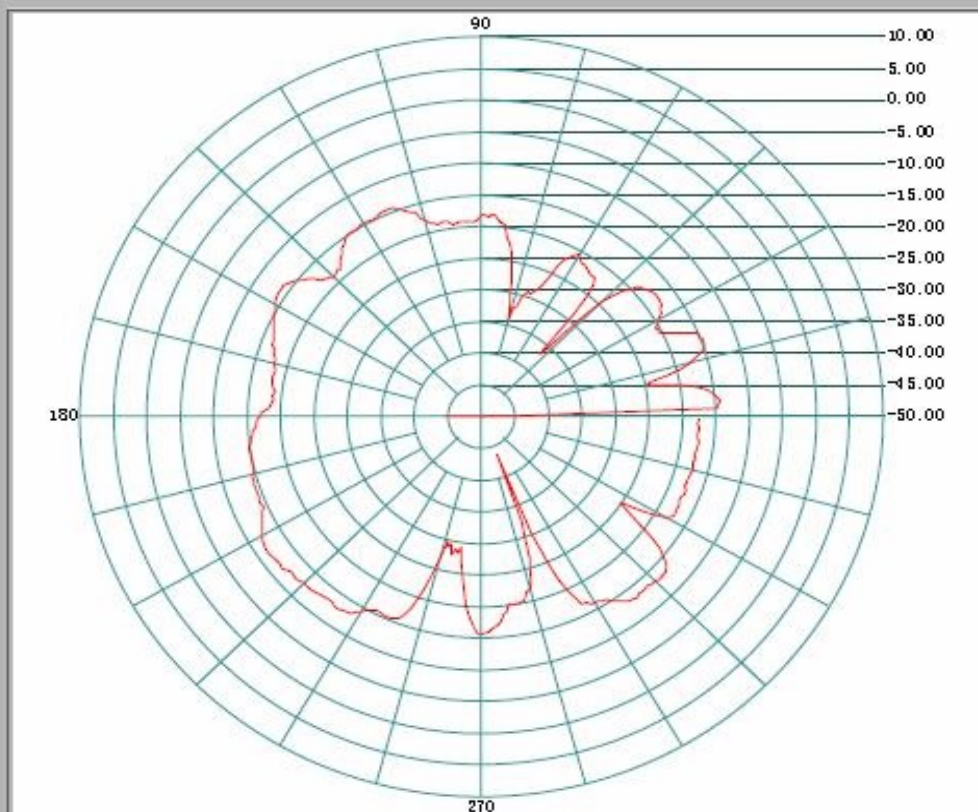
-35.11

3.2 Vertical

System Setup

Antenna Pattern

Antenna Measurement System



Remark

Ant. Brand:

Ant. Model:

Test Person:

Other Info. :2479.65MHz

Receive Ant.
Polarization

Vertic

Max. value(dBi)

-11.5

Average Gain (dBi)

-16.4

Min. Gain(dBi)

-55.3

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