

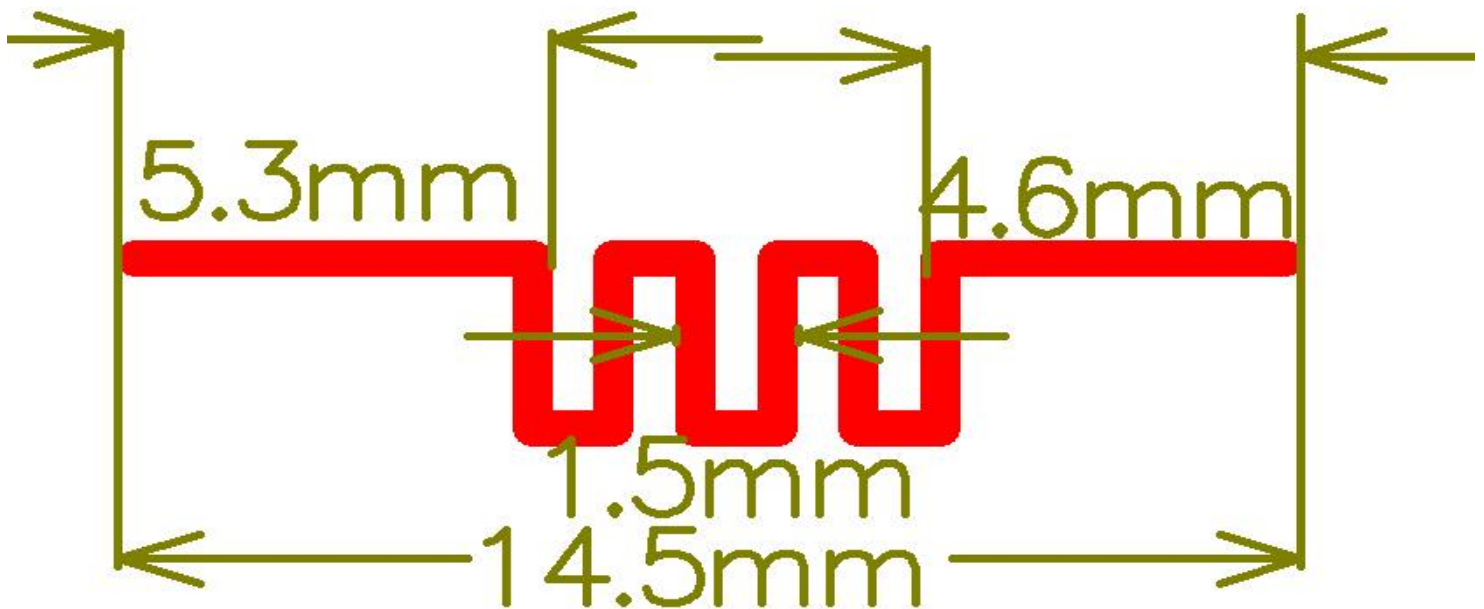
Antenna Specification

Specifications

Summary

ITEM	SPEC.	
Model Name	ISM 2.4 GHz	
Center Frequency	2403 MHz 2441 MHz 2480 MHz	2.03dBi 1.58 dBi 0.49 dBi
MAX. GAIN	2.03 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	14.5MM	

Antenna Photo & Length



1.Main antenna : 2403 MHz

1.1 Horizontal

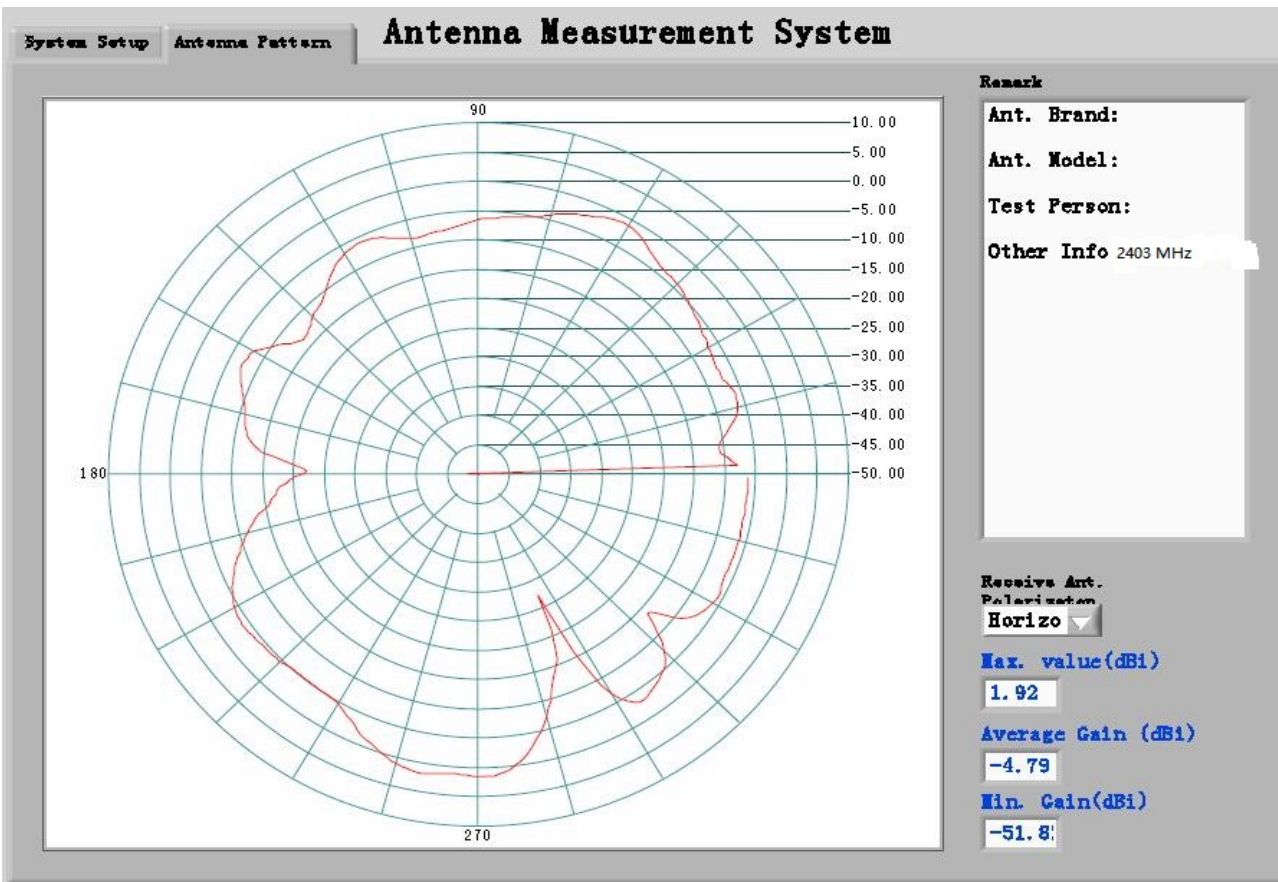


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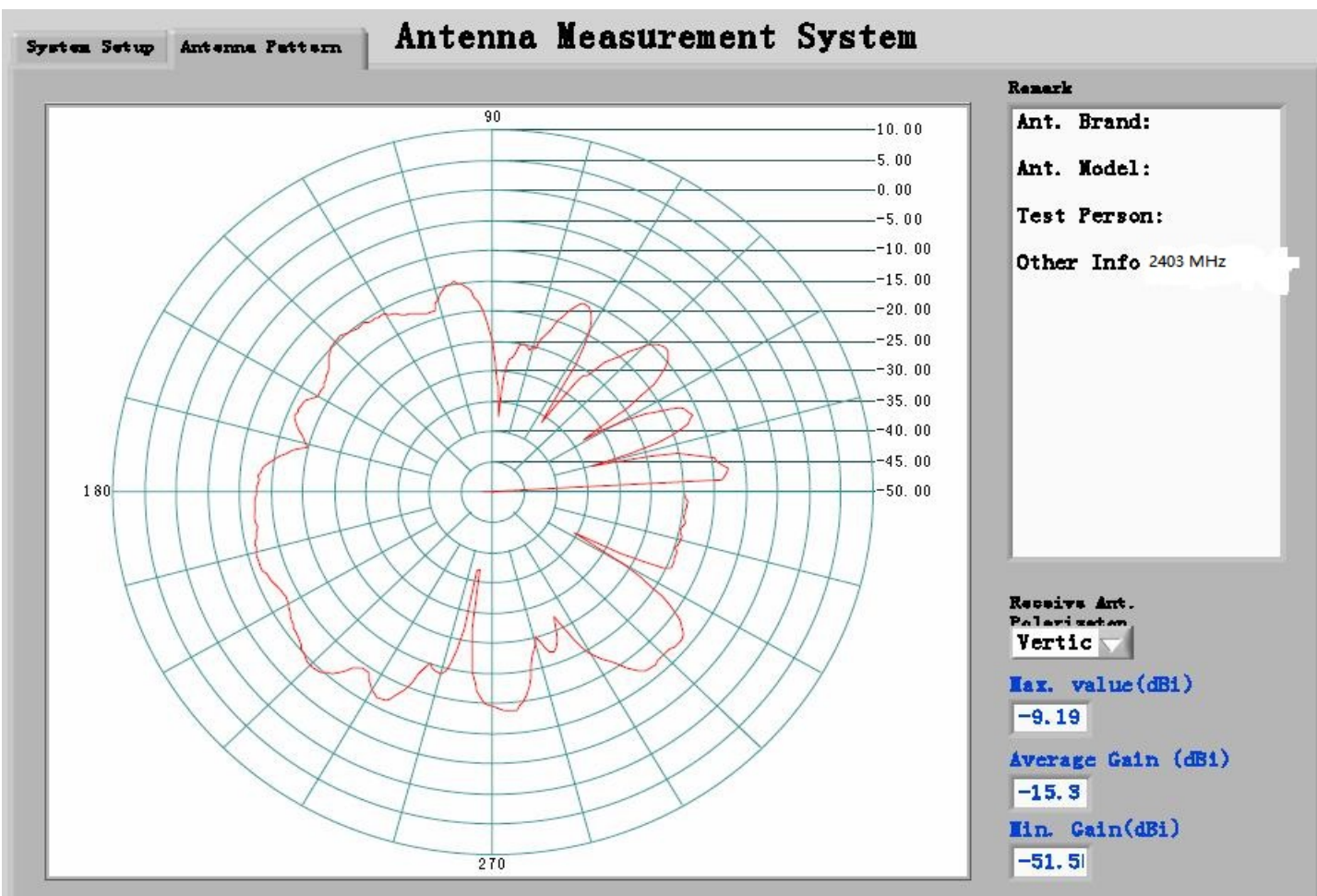
Hsiao Yia Lab : No.10, Hsiao Yia 2nd RD, Hsinchu, Taiwan, R.O.C.
Tayuan Lab : 13-1 Lane 15, Wukang 2nd St, Hsinchu, Taiwan, R.O.C.
Hsinchu Lab: 21-1 Linkweg, 2F, Linkway Tech, Chungli, Hsinchu, Taiwan, R.O.C.

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Tel: (886) 327-0210 Fax: (886) 327-0202
Tel: (886) 300-0242 Fax: (886) 300-0242

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



1.2 Vertical

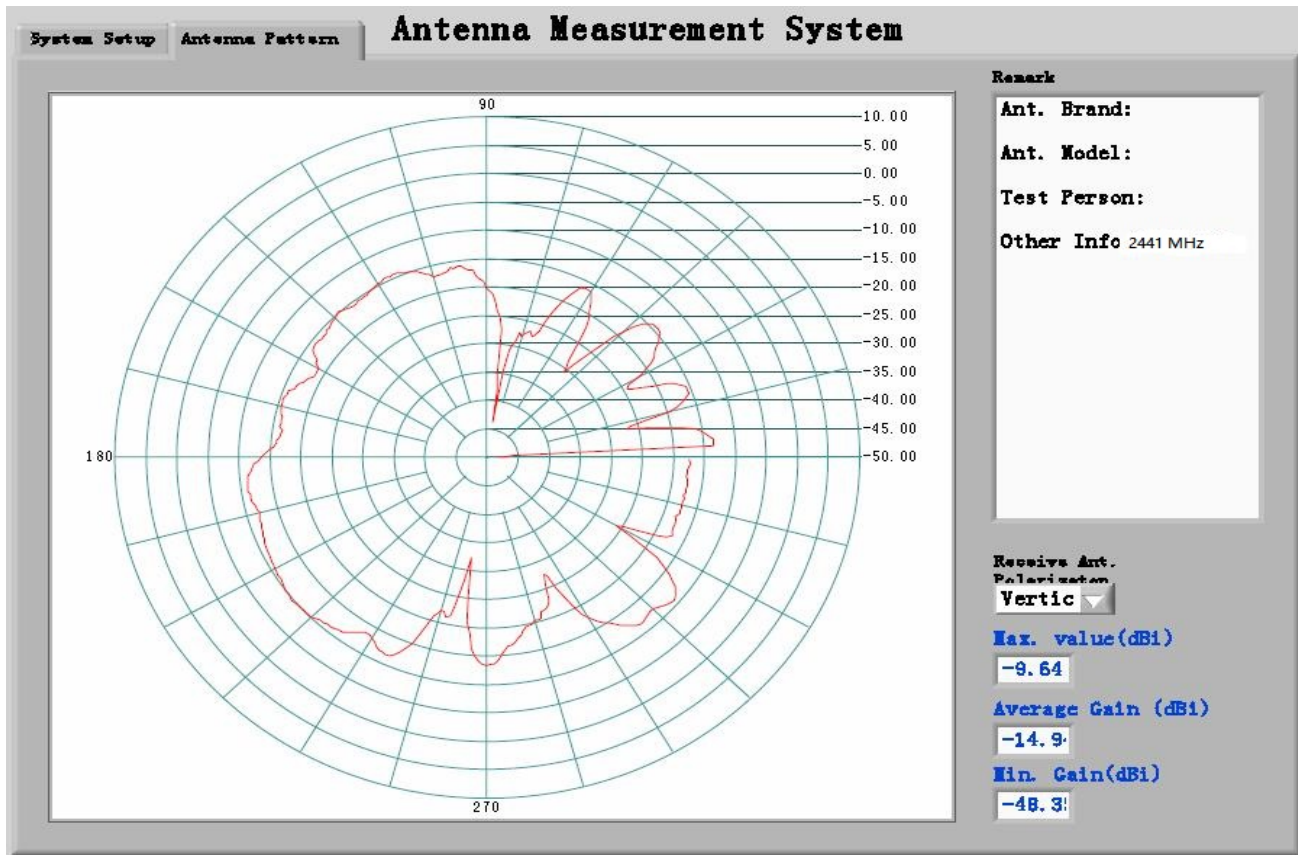


2.Main antenna : 2441 MHz

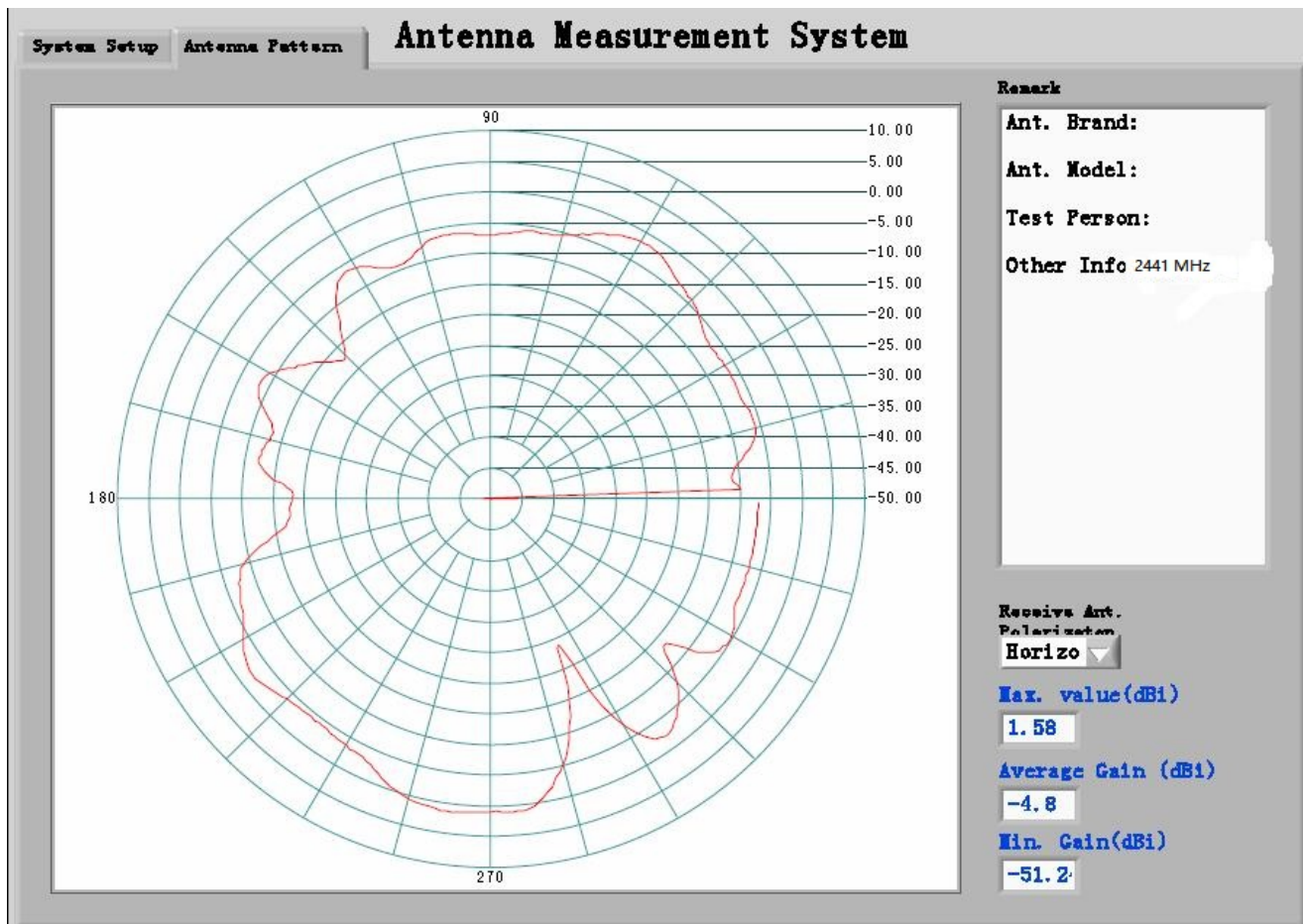
2.1 Horizontal

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Hsin Ya Lab : No.10, Hsin Ya 2nd Rd, Hsinchu, Taiwan, R.O.C.
TAYATEH LAB : 13-1 Lane 13, Hsin Ya 2nd Rd, Hsinchu, Taiwan, R.O.C.
Hsinchu Lab: 51-1 LHDongq. 3B Ln, Wungh Tzeng, Chunglin, Hsinchu, Taiwan, R.O.C.
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Brand / Model : IBM 2.4GHz
Remark : B1
Tested by : SHELLY
EUT description :



2.2 Vertical

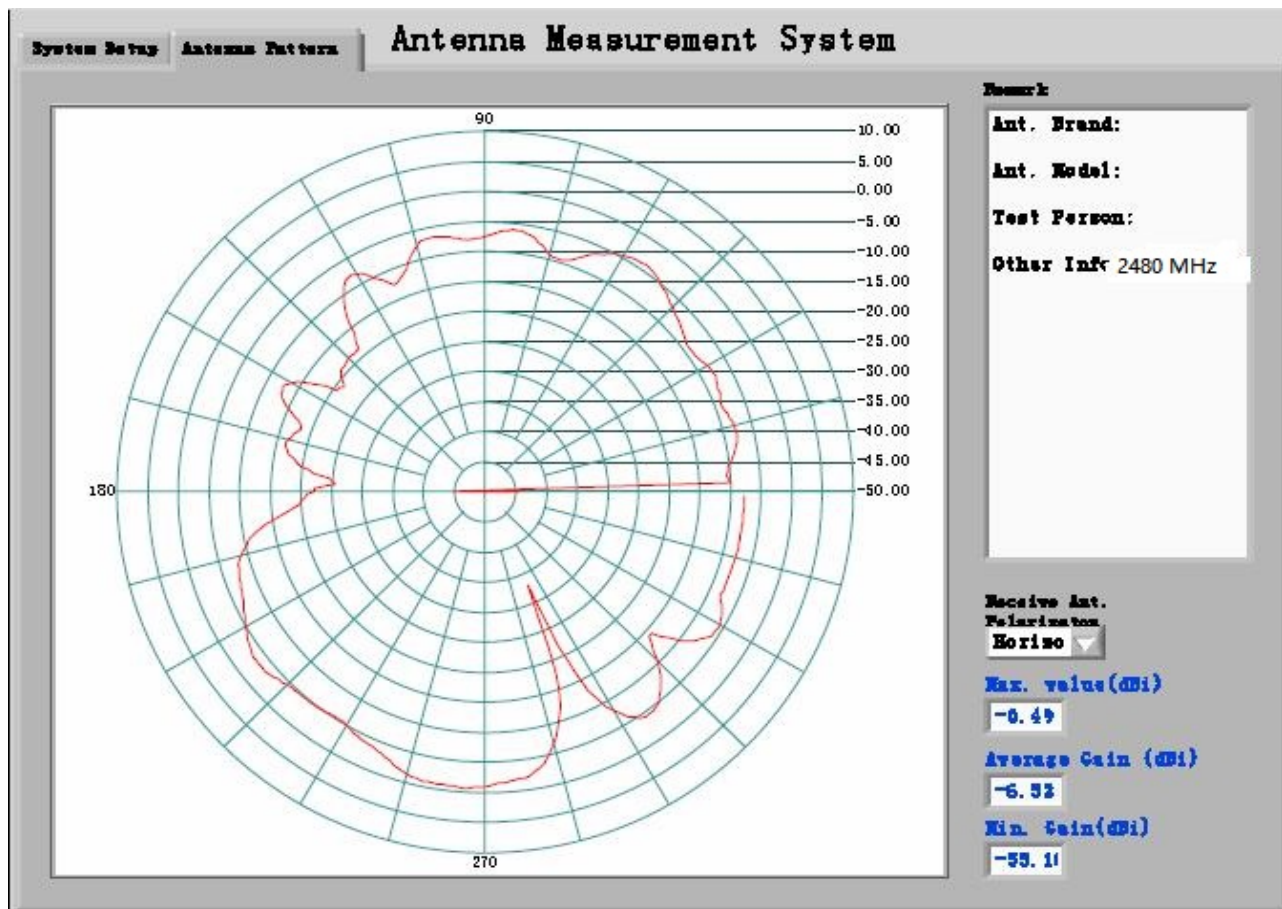


3. Main antenna : 2480 MHz

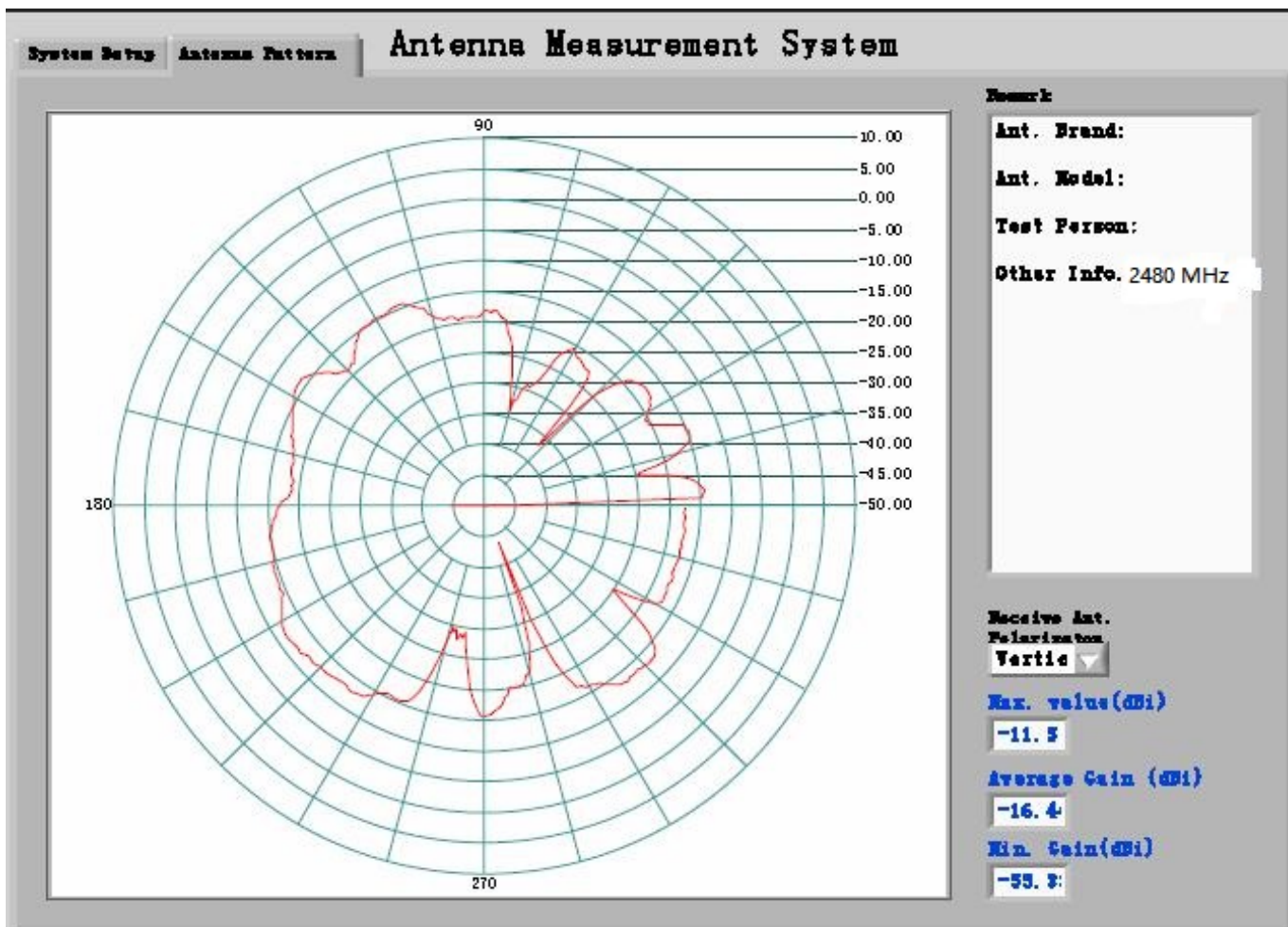
3.1 Horizontal

Advance Data Technology Corporation 廣信科技股份有限公司
Hsin-Ya Lab : No.19, Hsin-Ya 2nd Rd., Hsin-Ya, Taoyuan, Taiwan, R.O.C.
Taylor Lab : 13-1 Lane 19, Wk 5, Sec 2, Hsin-Ya, Taoyuan, Taiwan, R.O.C.
Hsin-Ya Lab : 13-1 Lane 19, Wk 5, Sec 2, Hsin-Ya, Taoyuan, Taiwan, R.O.C.
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Tel: (886) 327-0510 Fax: (886) 327-0502
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Brand / Model : IBM 2.4GHz
Remark : E1
Tested by : SHELLY
EUT description :



3.2 Vertical



4. Result



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Hsin Ya Lab : No.19, Hsin Ya 2nd RD., Hsin Ya, Taipei, TAIWAN, R.O.C.

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Tel: (886) 2-27-0243 Fax: (886) 2-27-0242

Brand / Model : IBM 2.4GHz

Remark : E1

Tested by : SHELLY

EUT description :

Center Frequency		Maximum Ant Gain
2403 MHz	H	2.03 dBi
	V	-9.24 dBi
2441 MHz	H	1.61 dBi
	V	-9.65 dBi
2480 MHz	H	0.49 dBi
	V	-11.45 dBi