

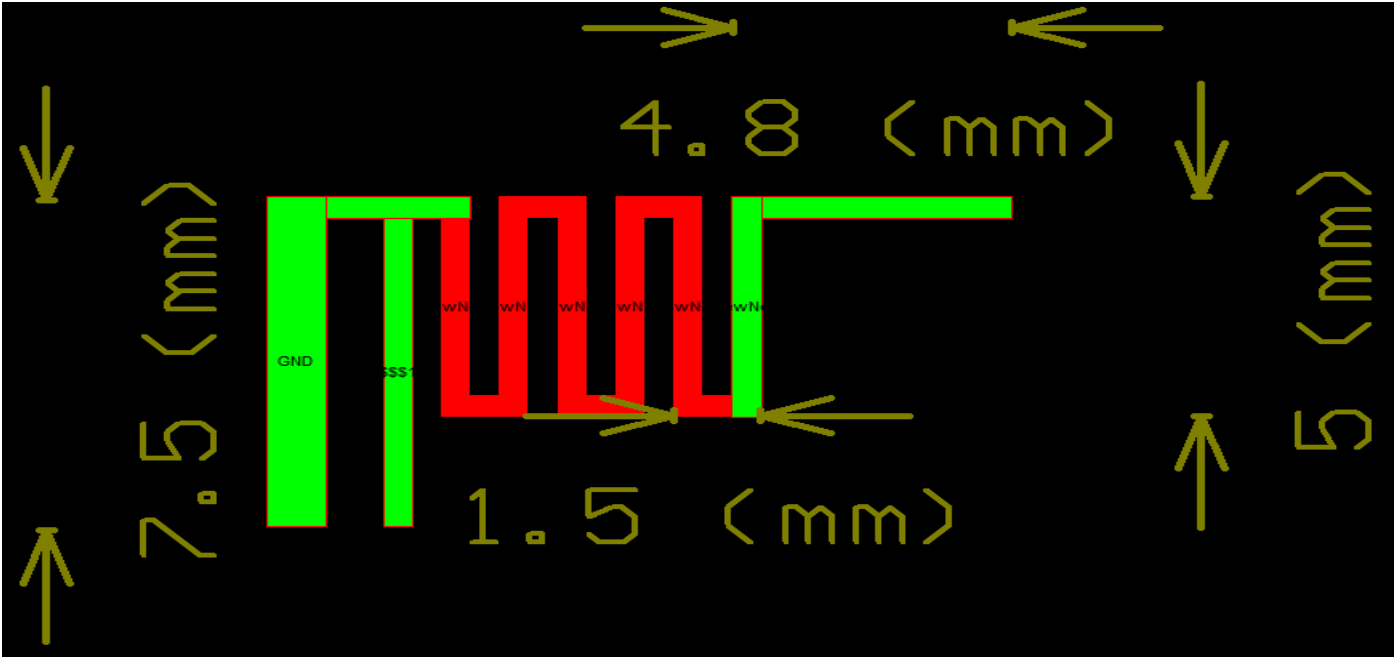
Antenna Specification

Specifications

Summary

ITEM	SPEC.	
Model Name	ISM 2.4 GHz	
Center Frequency	2402.65 MHz 2441.65 MHz 2480.65 MHz	3.85 dBi 3.18 dBi 2.80 dBi
MAX. GAIN	3.85 dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	41 mm	

Antenna Photo & Length



1. Main antenna : 2441.65 MHz

1.1 Horizontal



Advance Data Technology Corporation

誠信科技股份有限公司

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

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

Tel (03) 318-3232 Fax (03) 318-5050

Tayuan Lab : 13-1 Lane 19, Wei Shai 3rd St, Kieki-kai, Taoyuan, Taiwan, R.O.C.

Tel (03) 327-0910 Fax (03) 327-0892

Hsiachin Lab: 81-1 Linbokeig, 9th Lin, Wuling Tzuei, Chinglinli, Hsiachin, Taiwan, R.O.C.

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

Brand / Model : IBM 2.4GHz

Remark : E1

Tested by : SHELLY

EUT description :

Location: **RF Chamber3**

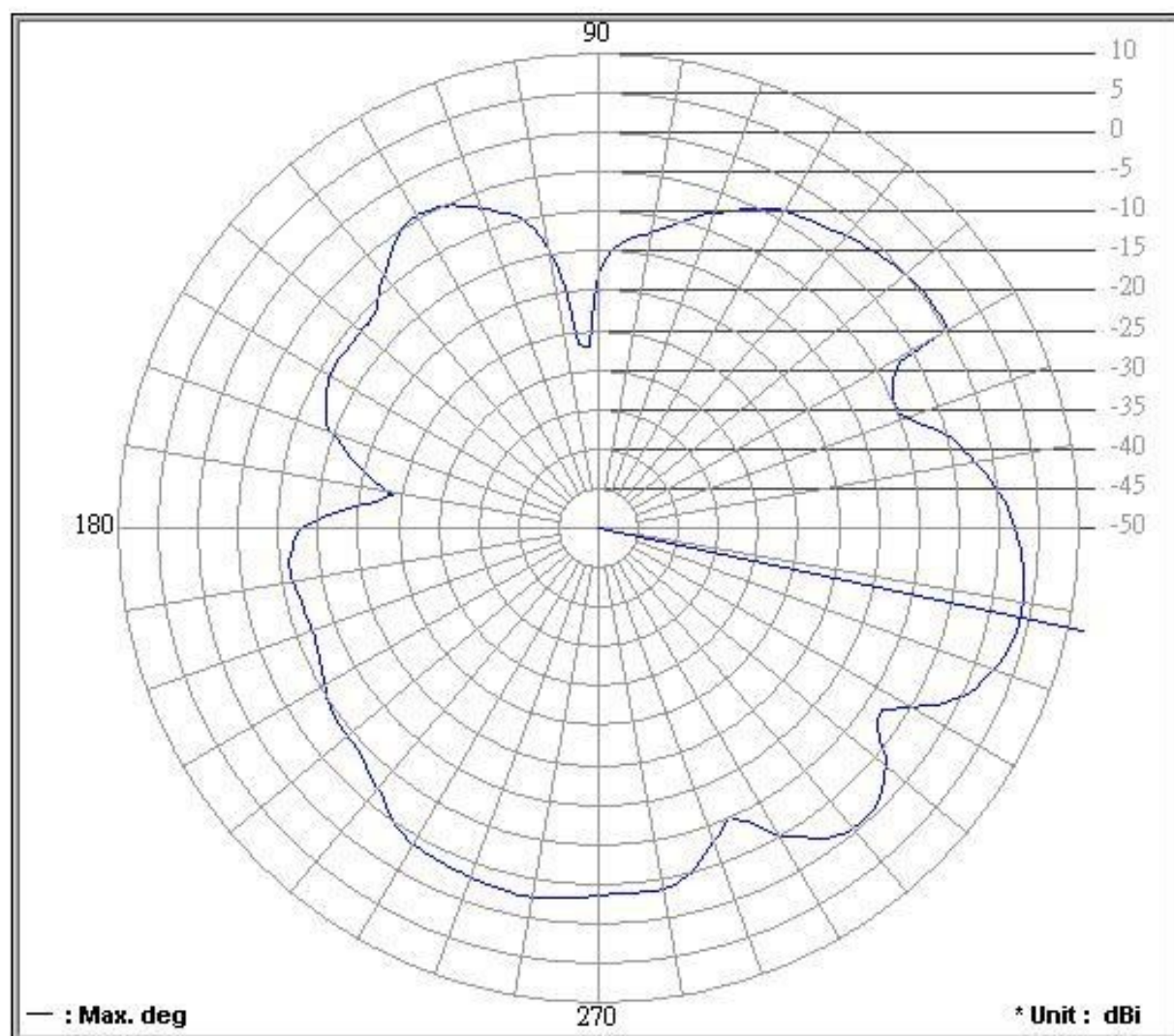
Date: 2015/11/16

Time: **15:20:43**

Temperatuer (°C): **25**

Humidity (%): **75**

Approved by:



Frequency (MHz) : 2402.65

Antenna Polarity : **Horizontal**

Average Gain (dB) : **-3.64**

Maximum Gain (dB) : **3.85**

Maximum Gain (degree) : **348**

Minimum Gain (dB) : **-27.08**

Minimum Gain (degree) : **93**

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1.2 Vertical



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Brand / Model : IBM 2.4GHz

Remark : E1

Tested by : SHELLY

EUT description :

Location: **RF Chamber3**

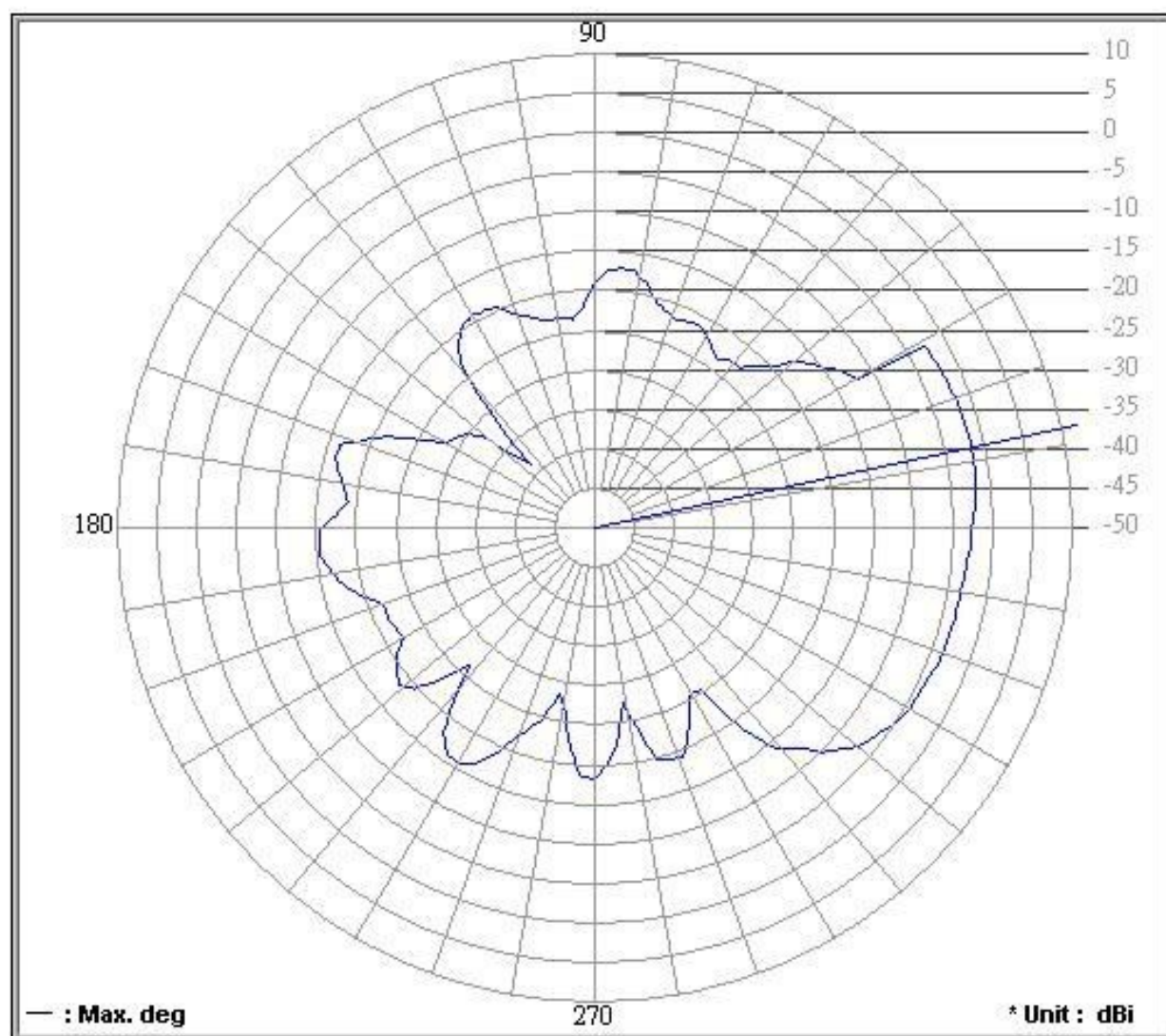
Date: 2015/11/16

Time: **15:34:49**

Temperatuer (°C): **25**

Humidity (%): **75**

Approved by:



Frequency (MHz): 2402.65

Antenna Polarity: **Vertical**

Average Gain (dB): **-9.57**

Maximum Gain (dB): **-1.54**

Maximum Gain (degree): **12**

Minimum Gain (dB): **-38.76**

Minimum Gain (degree): **135**

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2.Main antenna : 2441.65 MHz

2.1 Horizontal



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

Brand / Model : IBM 2.4GHz

Remark : E1

Tested by : SHELLY

EUT description :

Location: **RF Chamber3**

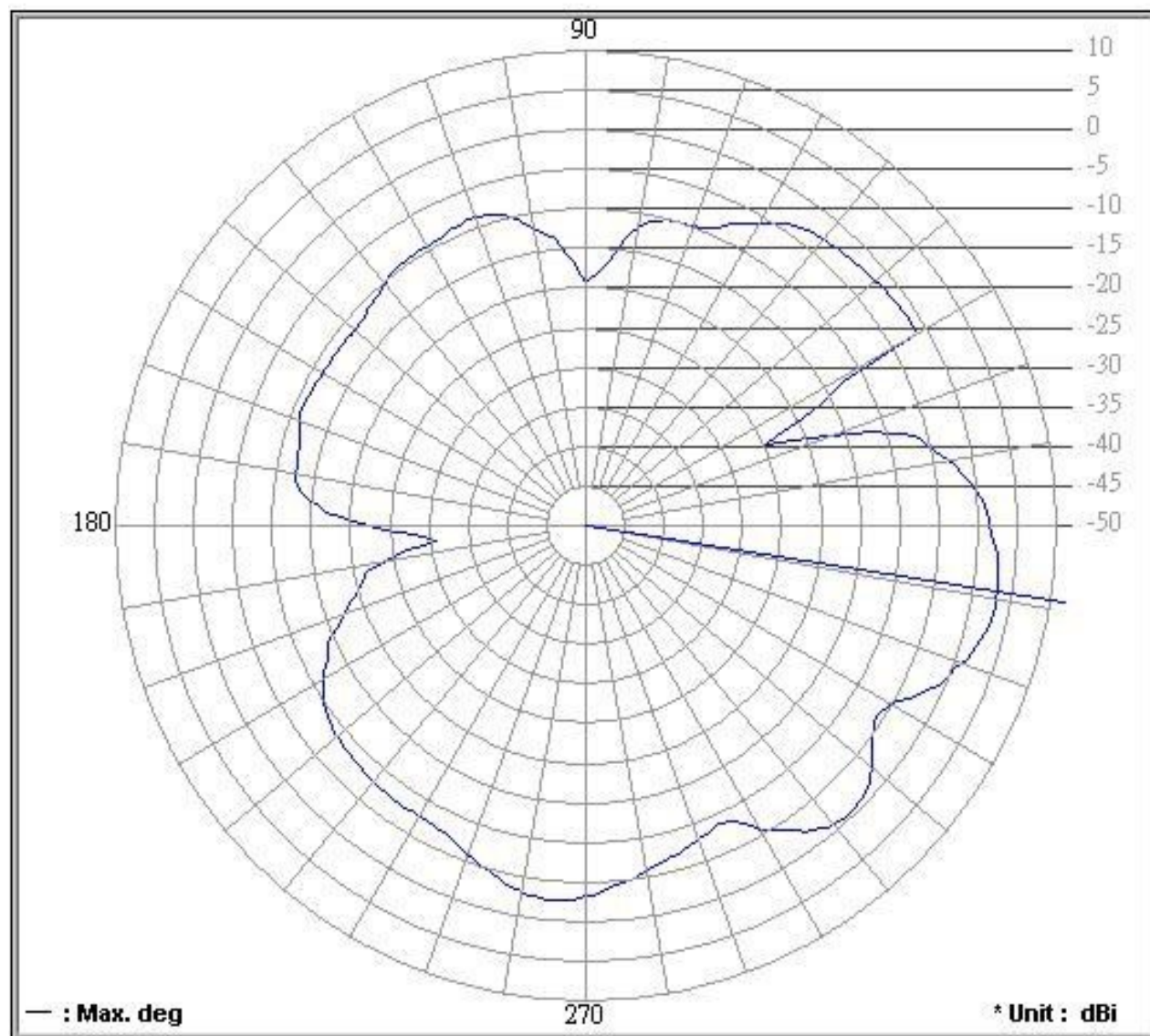
Date: 2015/11/16

Time: **15:23:51**

Temperatuer (°C): **25**

Humidity (%): **75**

Approved by:



Frequency (MHz): 2441.65

Antenna Polarity: **Horizontal**

Average Gain (dBi): **-4.64**

Maximum Gain (dBi): **3.18**

Maximum Gain (degree): **351**

Minimum Gain (dBi): **-30.92**

Minimum Gain (degree): **186**

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2.2 Vertical



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Brand / Model : IBM 2.4GHz

Remark : E1

Tested by : SHELLY

EUT description :

Location: **RF Chamber3**

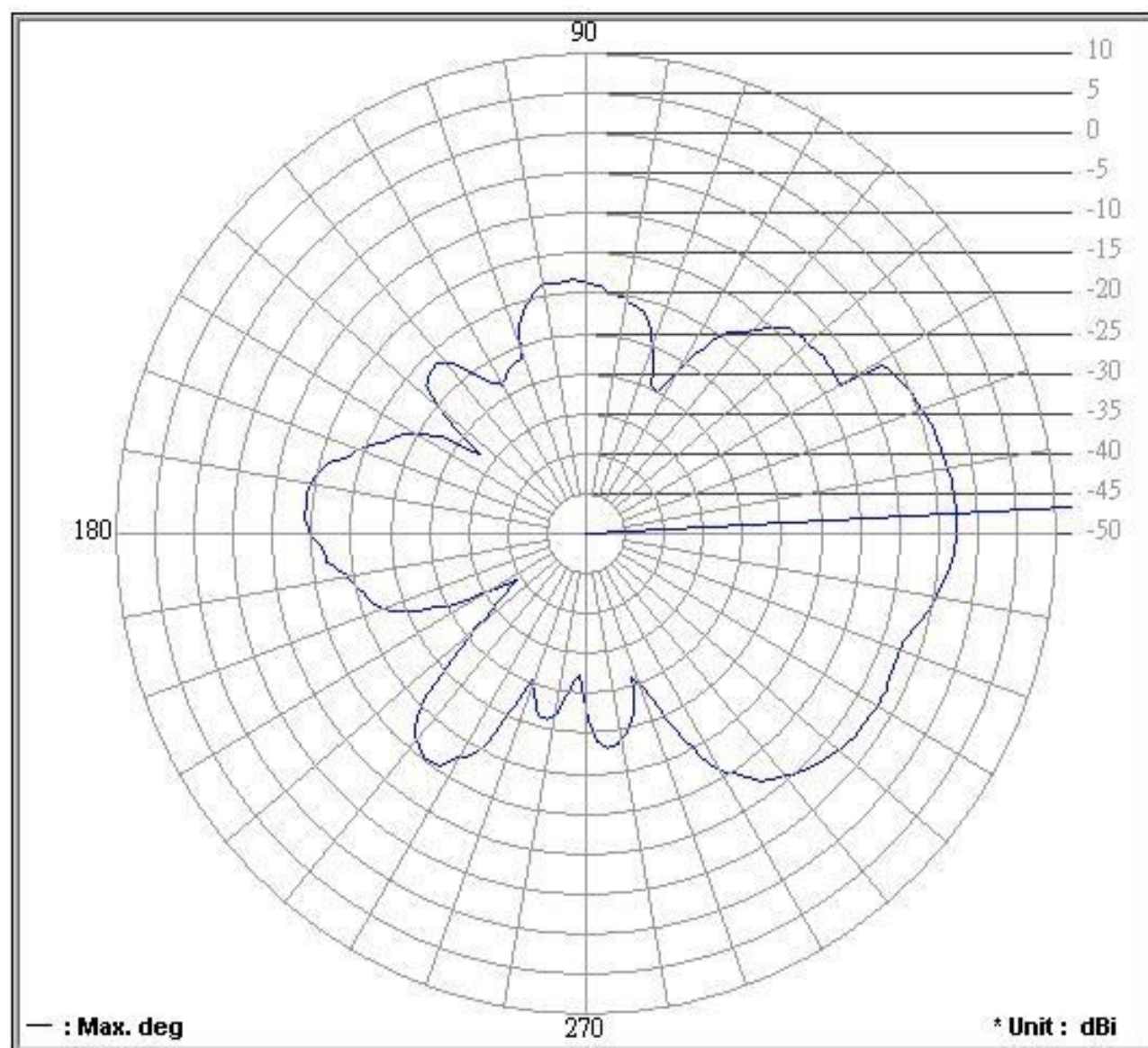
Date: 2015/11/16

Time: **15:32:20**

Temperatuer (°C): **25**

Humidity (%): **75**

Approved by:



Frequency (MHz) : 2441.65

Antenna Polarity : **Vertical**

Average Gain (dBi) : **-11.06**

Maximum Gain (dB) : **-2.58**

Maximum Gain (degree) : **3**

Minimum Gain (dB) : **-39.35**

Minimum Gain (degree) : **213**

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Brand / Model : IBM 2.4GHz

Remark : E1

Tested by : SHELLY

EUT description :

Location: **RF Chamber3**

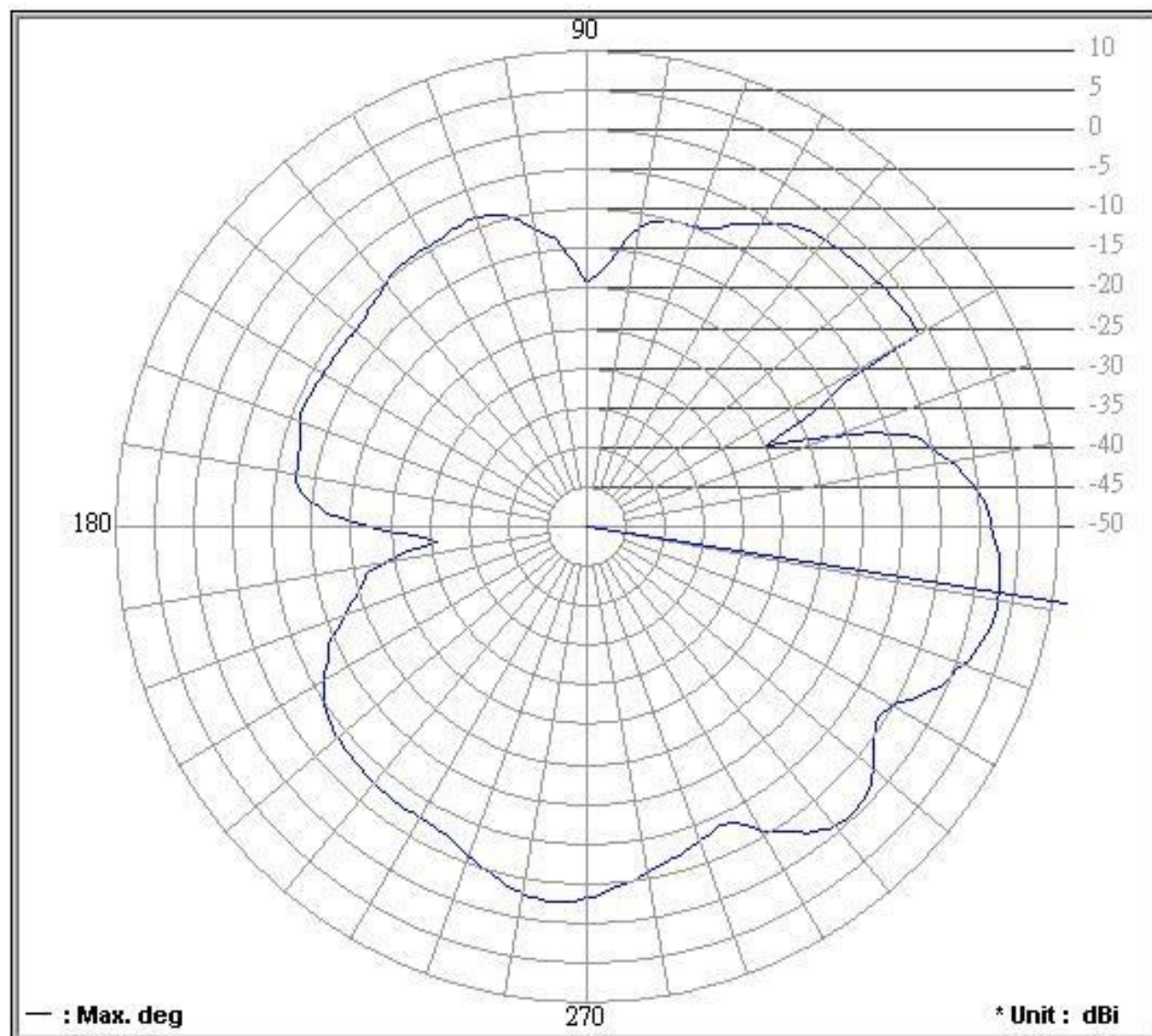
Date:

Time: **15:23:51**

Temperatuer (°C): **25**

Humidity (%): **75**

Approved by:



Frequency (MHz) : 2480.65

Antenna Polarity : **Horizontal**

Average Gain (dB) : **-4.64**

Maximum Gain (dB) : **3.18**

Maximum Gain (degree) : **351**

Minimum Gain (dB) : **-30.92**

Minimum Gain (degree) : **186**

C:\Antenna Pattern V5.0\Graph\0818\08180020.png



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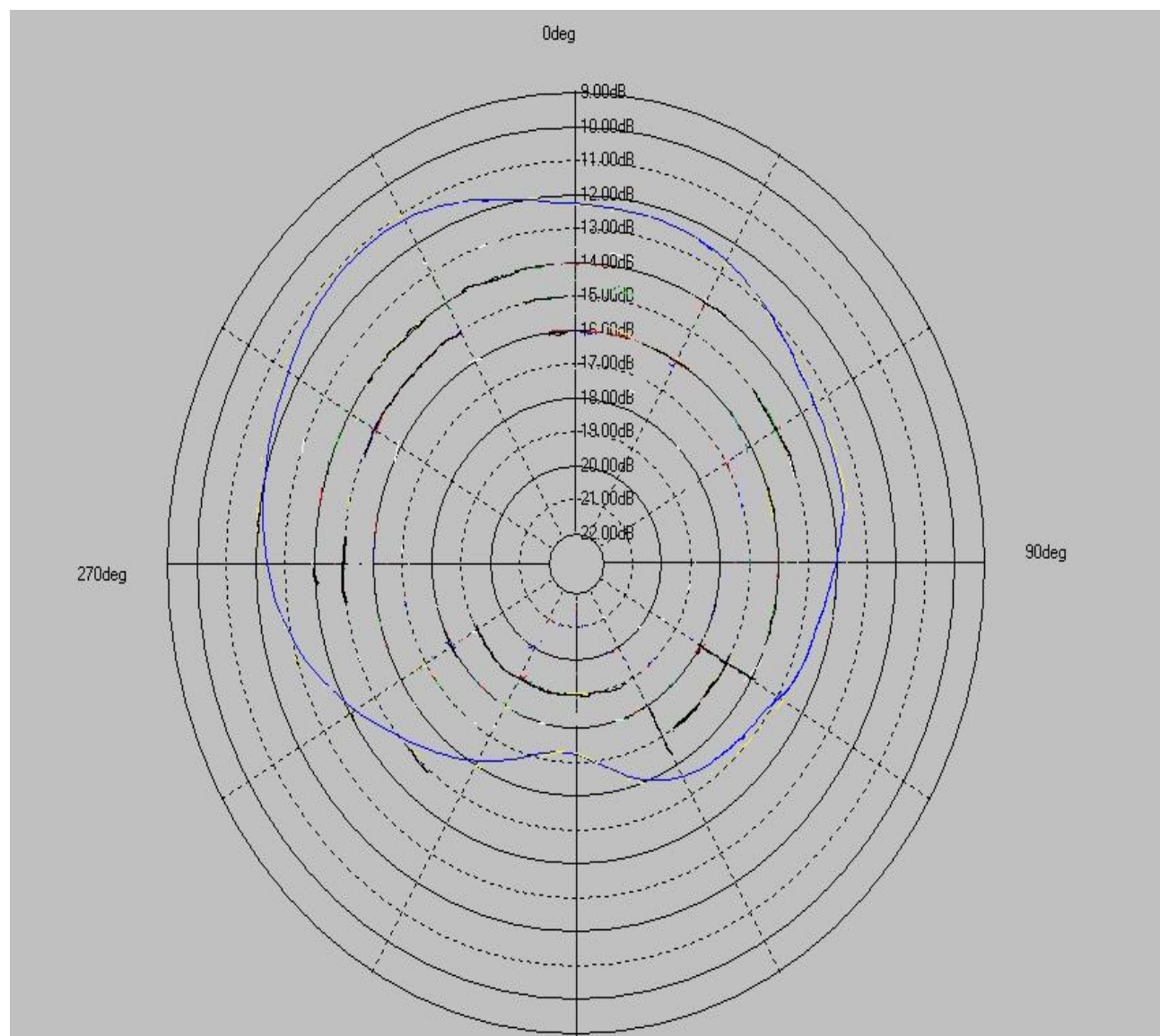
Date:

Time: **15:23:51**

Temperatuer (°C): **25**

Humidity (%): **75**

Approved by:



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