

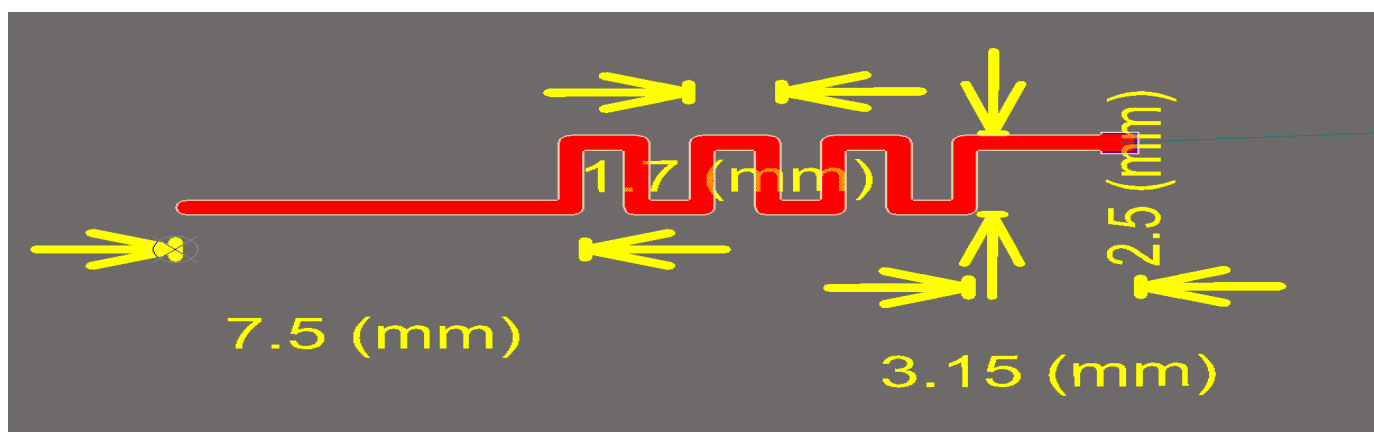
Antenna Specification

Specifications

Summary

ITEM	SPEC.	
Model Name	ISM 2.4 GHz	
Center Frequency	2405 MHz 2430 MHz 2480 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



Tested by: Anna Huang

Checked by: Kai Long

Approved by: Mai Zhang
(Testing Director)

Anna Huang

Kai Long

Mai Zhang

1. Main antenna : 2441.65 MHz

1.1 Horizontal



Advance Data Technology Corporation

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Hsichih Lab: 81-1 Lillackeg, 9th Lin, Wuling Tseai, Chinglin, Hsichih, 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**

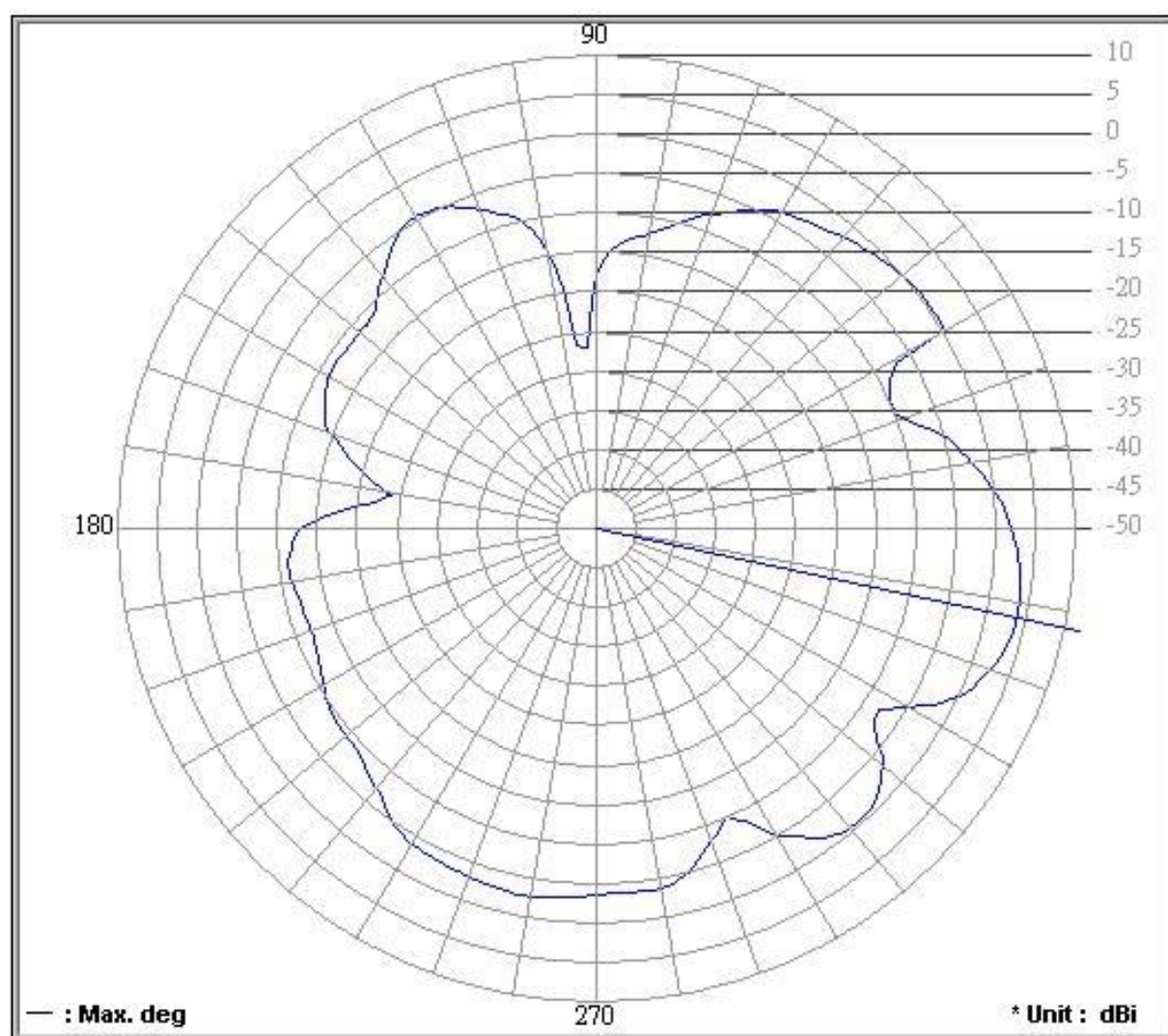
Date: 2015/11/16

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**

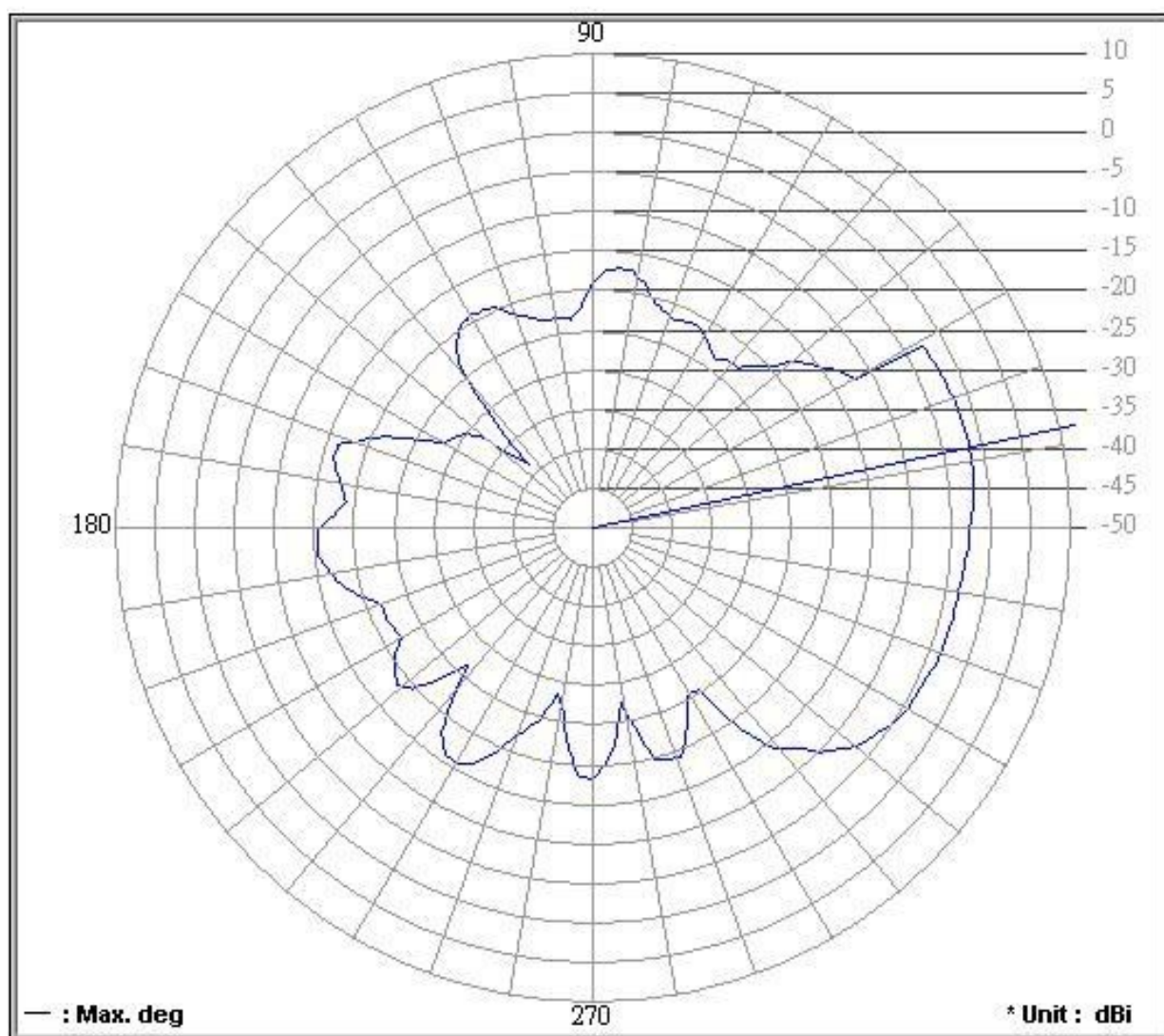
Date: 2015/11/16

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**

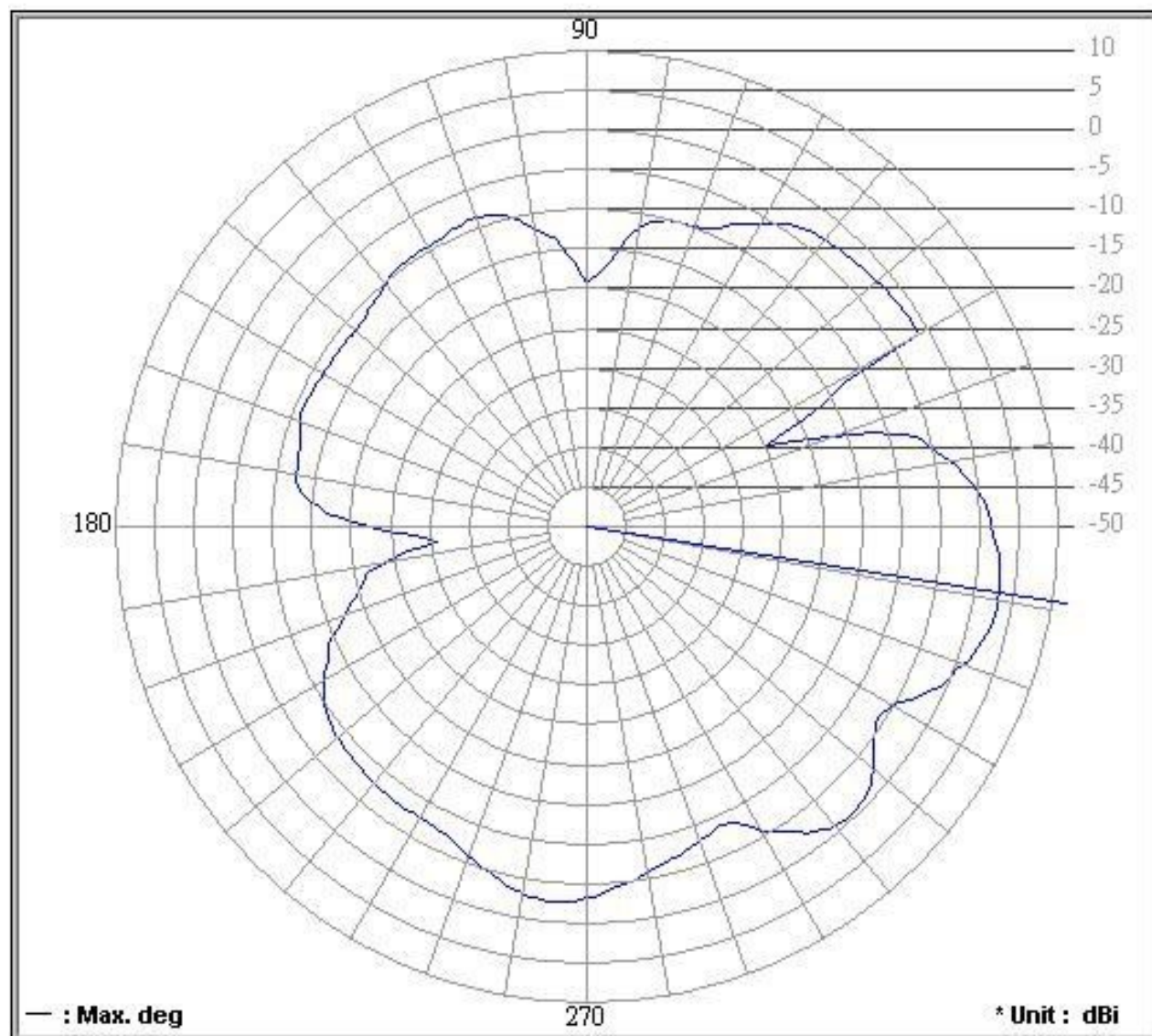
Date: 2015/11/16

Time: **15:23:51**

Temperatuer (°C): **25**

Humidity (%): **75**

Approved by:



Frequency (MHz): 2441.65

Antenna Polarity: **Horizontal**

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

Maximum Gain (dB): **3.18**

Maximum Gain (degree): **351**

Minimum Gain (dB): **-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**

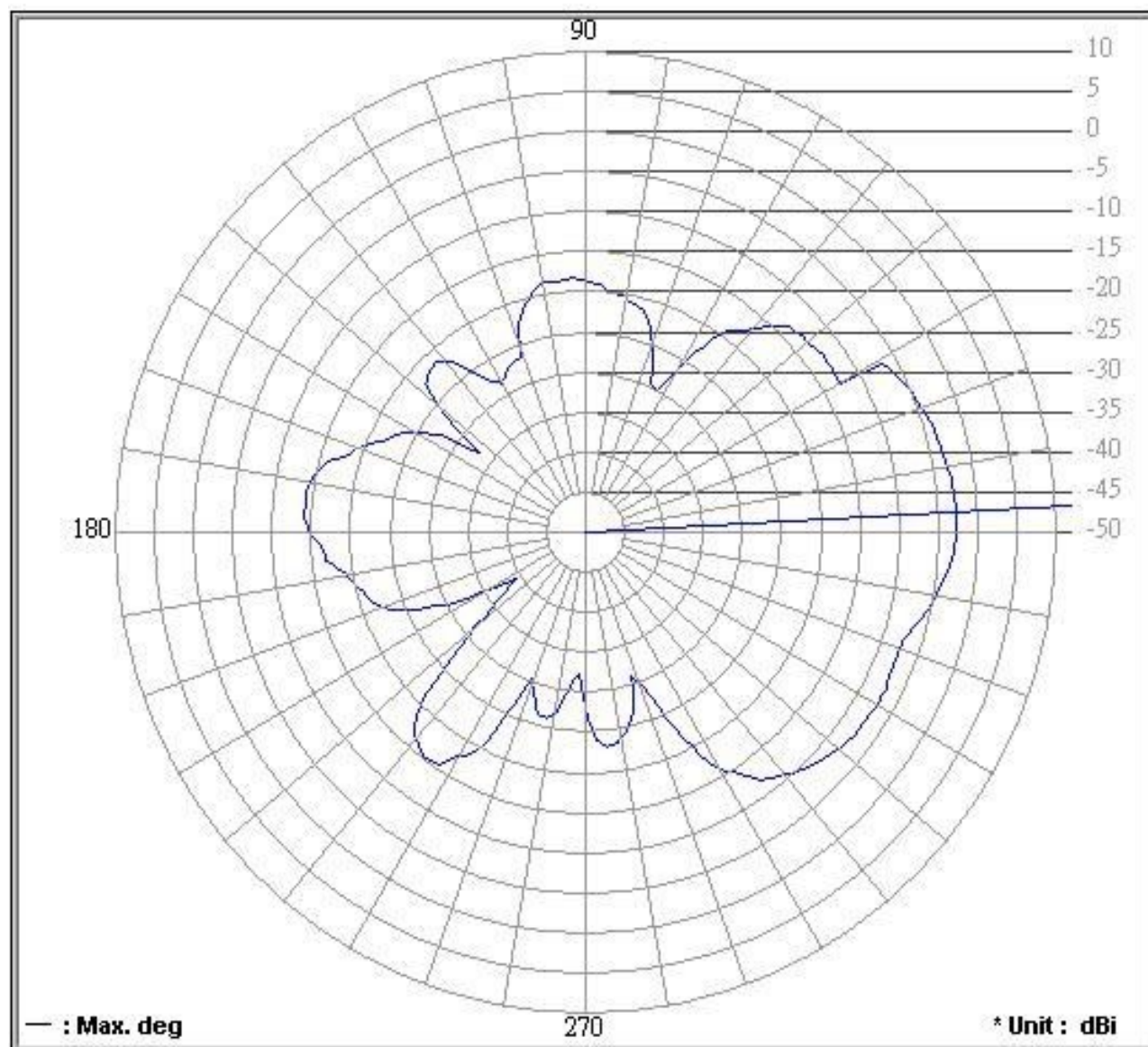
Date: 2015/11/16

Time: **15:32:20**

Temperatuer (°C): **25**

Humidity (%): **75**

Approved by:



Frequency (MHz) : 2441.65

Antenna Polarity : **Vertical**

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

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

Maximum Gain (degree) : **3**

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

Minimum Gain (degree) : **213**

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