

Antenna Test Report

MAX. Gain: -2.08 dBi

Manufacturer: LITE-ON Technology Corp.

Address: 16F, 392, Ruey Kuang Road, Neihu, Taipei 11492, Taiwan, R.O.C

Antenna Information:

Manufacturer	Model	Frequency Range(GHz)	Antenna Type	Connector Type	Max Gain(dBi)
LITEON	OB1559	2.40~2.4835	Monopole	None	-2.08

Test Result

Frequency (MHz)	Max Gain (dBi)
2403	-2.08
2444	-2.87
2480	-4.58

Antenna Photo



香港商立德國際商品試驗有限公司桃園分公司

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www.adt.com.tw Hwa Ya Lab & Head Office, Tel +886-3-3183232 / Linkou EMC/RF Lab, Tel +886-2-26052180 / Hsinchu EMC/RF Lab, Tel +886-3-5935343

Brand / Model : 1559
Remark : CH : 2403 MHz
Sample No. 01
Tested by : Dalen Dai

Location: **RF Chamber**

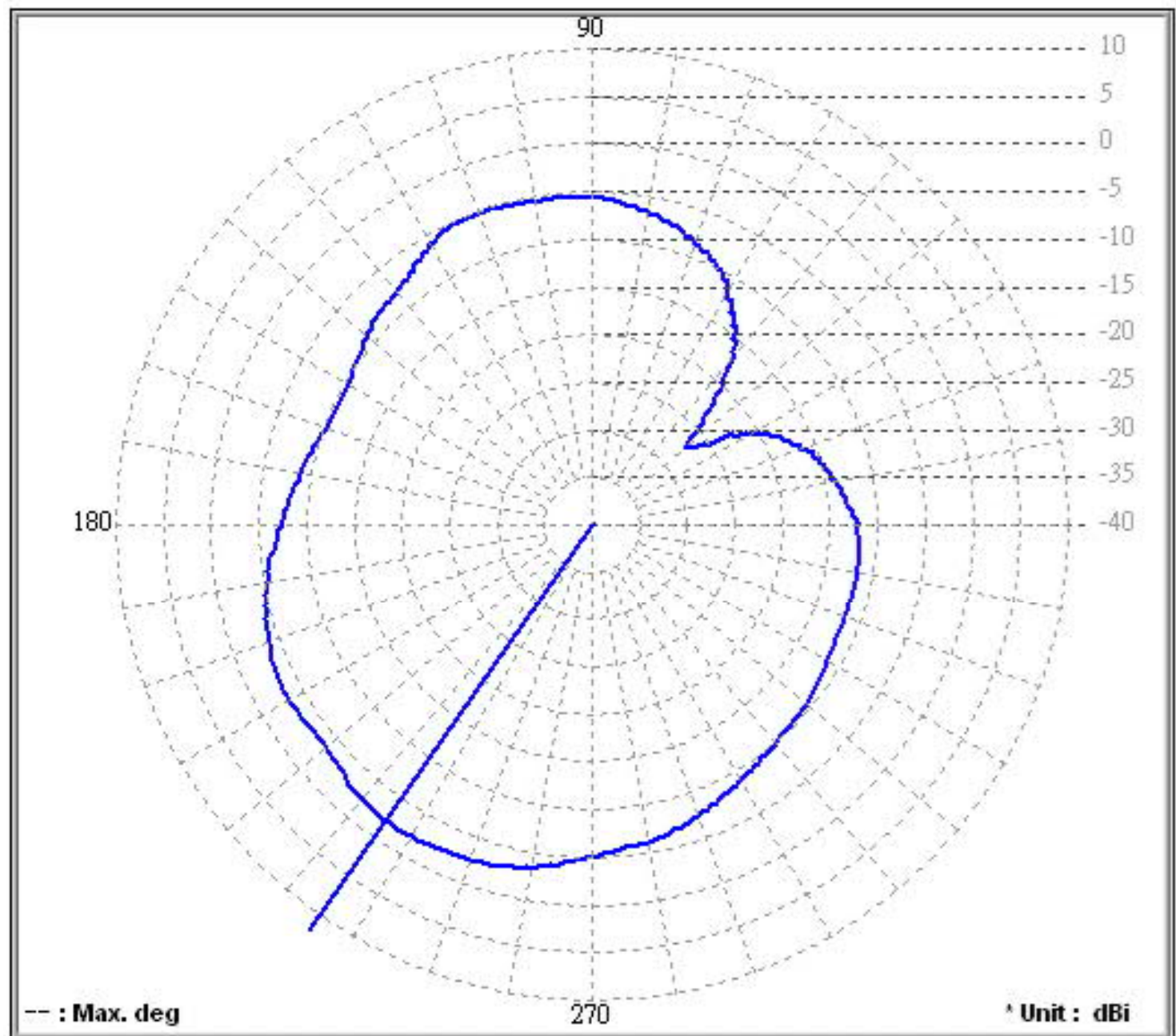
Date: **2013/5/2**

Time: **下午 07:53:57**

Temperature (°C): **24**

Humidity (%): **61**

Approved by:



Frequency (MHz): **2403.00**

Antenna Polarity: **Horizontal**

Average Value (dBi): **-6.78**

Maximum Value (dBi): **-2.08**

Maximum Value (degree): **235**

Minimum Value (dBi): **-27.21**

Minimum Value (degree): **39**

V6.2



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Brand / Model : 1559
Remark : CH : 2403 MHz
Sample No. 01
Tested by : Dalen Dai

Location: **RF Chamber**

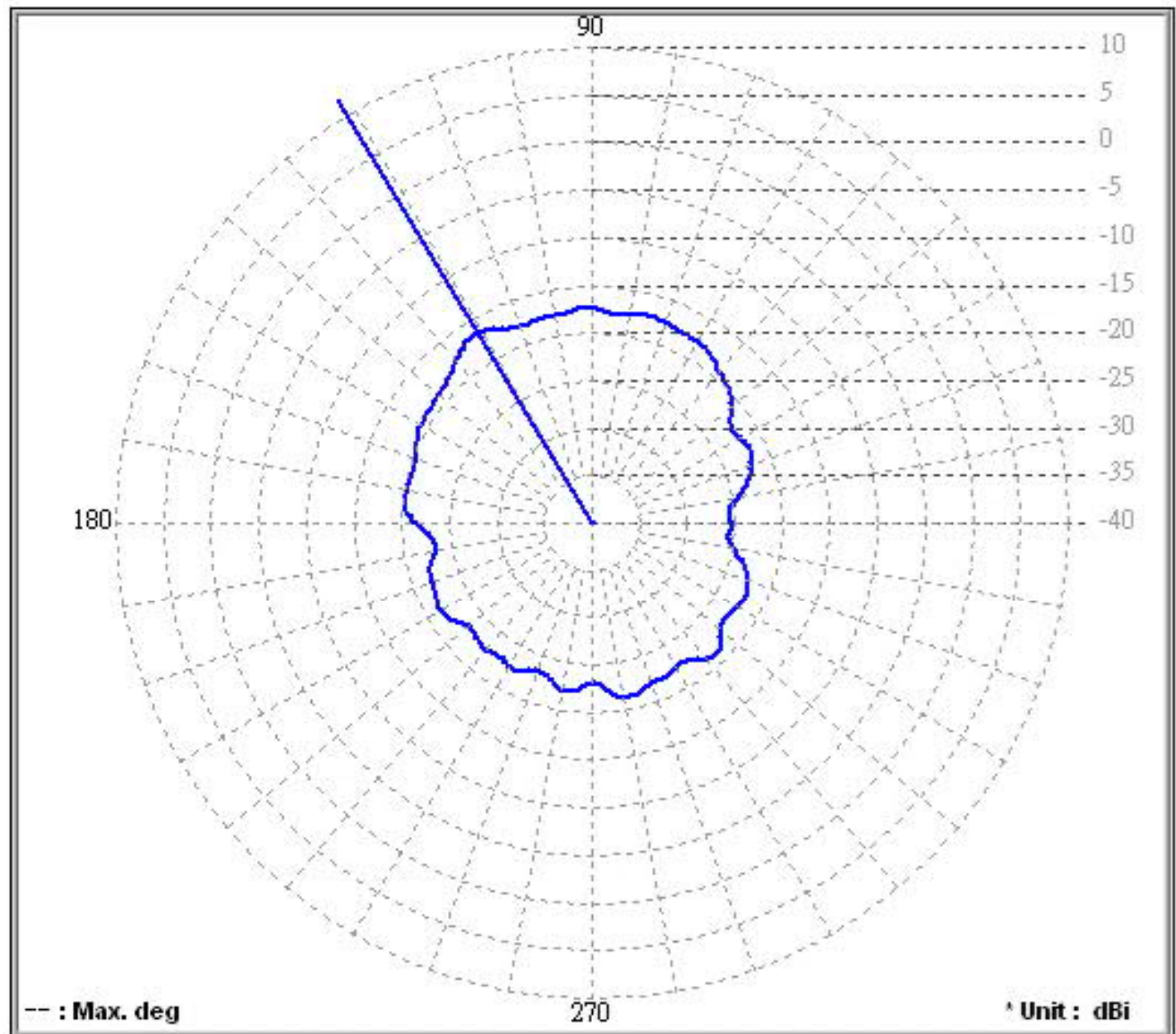
Date: **2013/5/2**

Time: **下午 08:07:25**

Temperature (°C): **24**

Humidity (%): **61**

Approved by:



Frequency (MHz): **2403.00**

Antenna Polarity: **Vertical**

Average Value (dBi): **-20.44**

Maximum Value (dBi): **-16.61**

Maximum Value (degree): **121**

Minimum Value (dBi): **-25.56**

Minimum Value (degree): **354**

V6.2

D:\2Antenna Pattern V6.2\Graph\0502\05020026.png



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Brand / Model : 1559
Remark : CH : 2444 MHz
Sample No. 01
Tested by : Dalen Dai

Location: **RF Chamber**

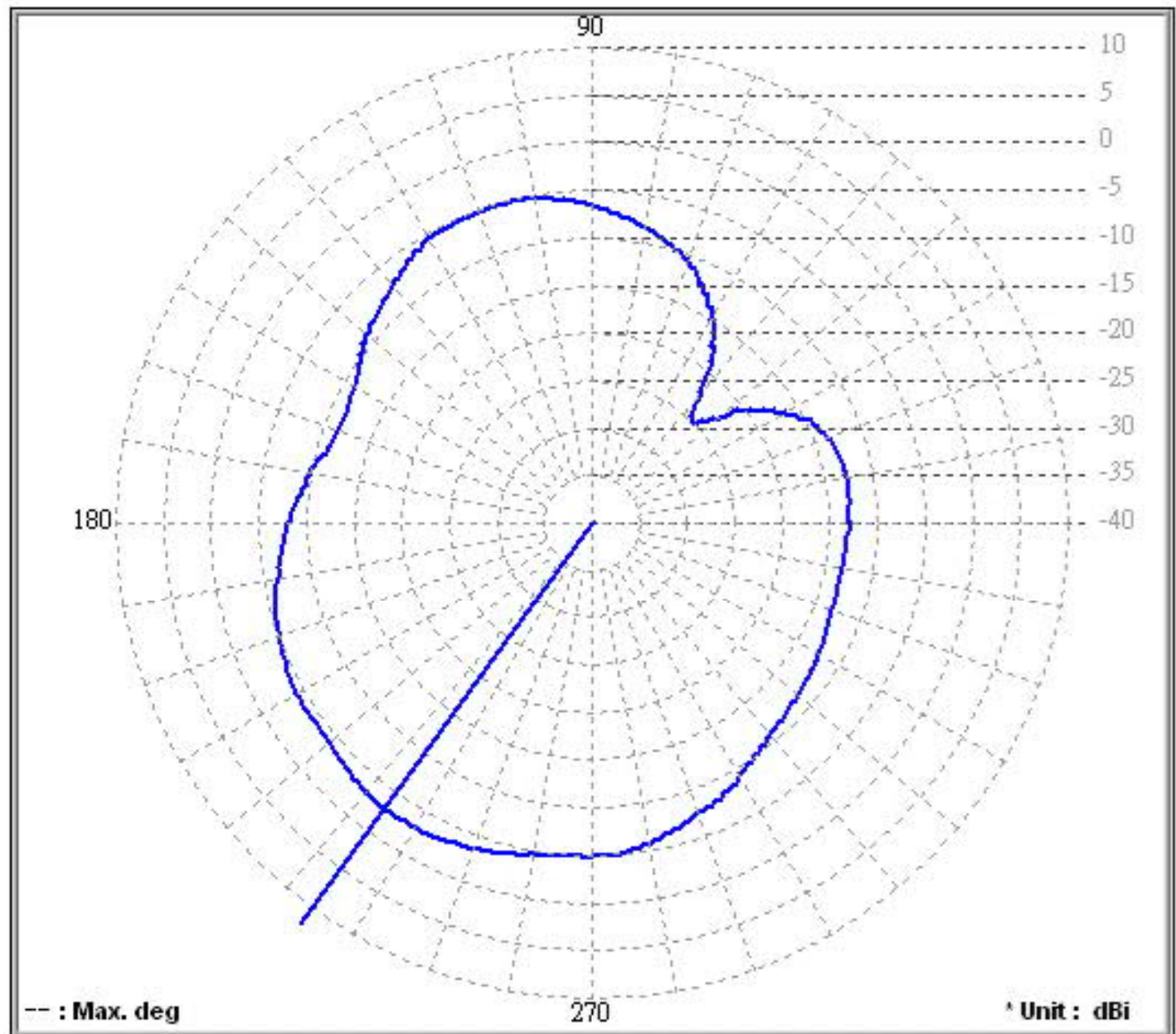
Date: **2013/5/2**

Time: **下午 07:55:39**

Temperature (°C): **24**

Humidity (%): **61**

Approved by:



Frequency (MHz): **2444.00**

Antenna Polarity: **Horizontal**

Average Value (dBi): **-7.41**

Maximum Value (dBi): **-2.87**

Maximum Value (degree): **234**

Minimum Value (dBi): **-24.93**

Minimum Value (degree): **44**

V6.2



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Brand / Model : 1559
Remark : CH : 2444 MHz
Sample No. 01
Tested by : Dalen Dai

Location: **RF Chamber**

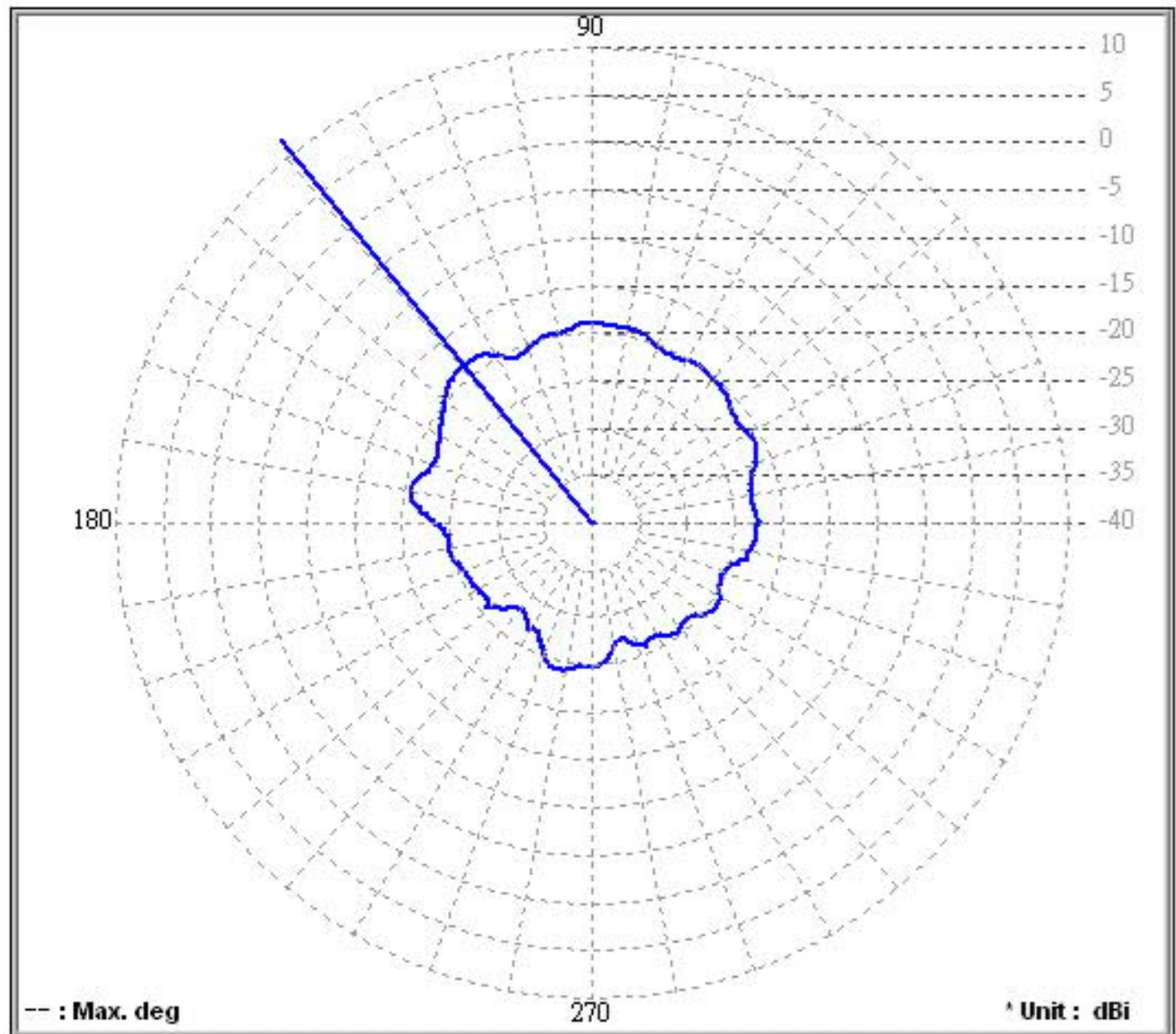
Date: **2013/5/2**

Time: **下午 08:03:06**

Temperature (°C): **24**

Humidity (%): **61**

Approved by:



Frequency (MHz): **2444.00**

Antenna Polarity: **Vertical**

Average Value (dBi): **-22.23**

Maximum Value (dBi): **-18.66**

Maximum Value (degree): **129**

Minimum Value (dBi): **-28.30**

Minimum Value (degree): **232**

V6.2

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Brand / Model : 1559
Remark : CH : 2480 MHz
Sample No. 01
Tested by : Dalen Dai

Location: **RF Chamber**

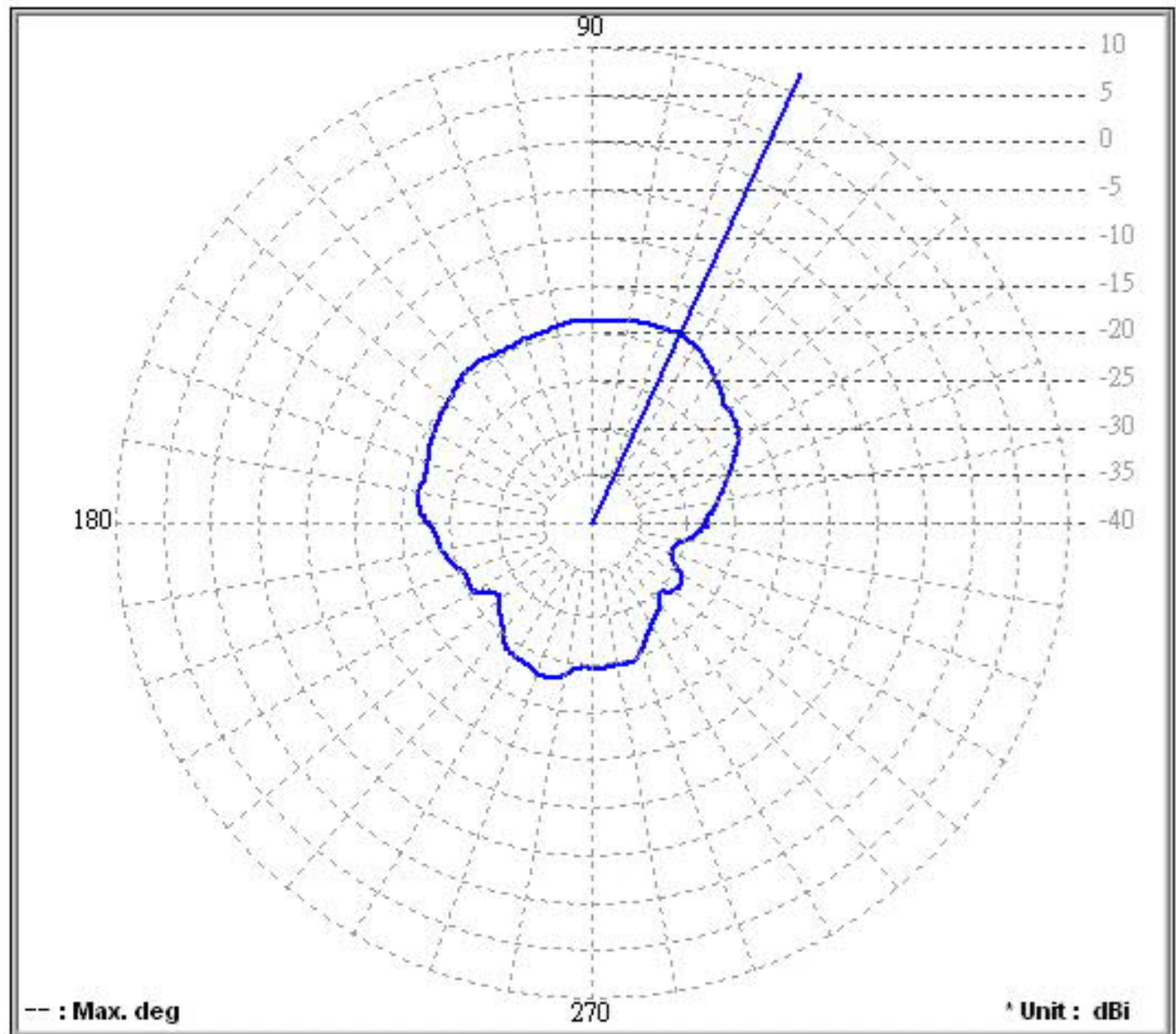
Date: **2013/5/2**

Time: **下午 08:00:58**

Temperature (°C): **24**

Humidity (%): **61**

Approved by:



Frequency (MHz): **2480.00**

Antenna Polarity: **Vertical**

Average Value (dBi): **-22.23**

Maximum Value (dBi): **-18.15**

Maximum Value (degree): **65**

Minimum Value (dBi): **-31.14**

Minimum Value (degree): **341**

V6.2

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Brand / Model : 1559
Remark : CH : 2480 MHz
Sample No. 01
Tested by : Dalen Dai

Location: **RF Chamber**

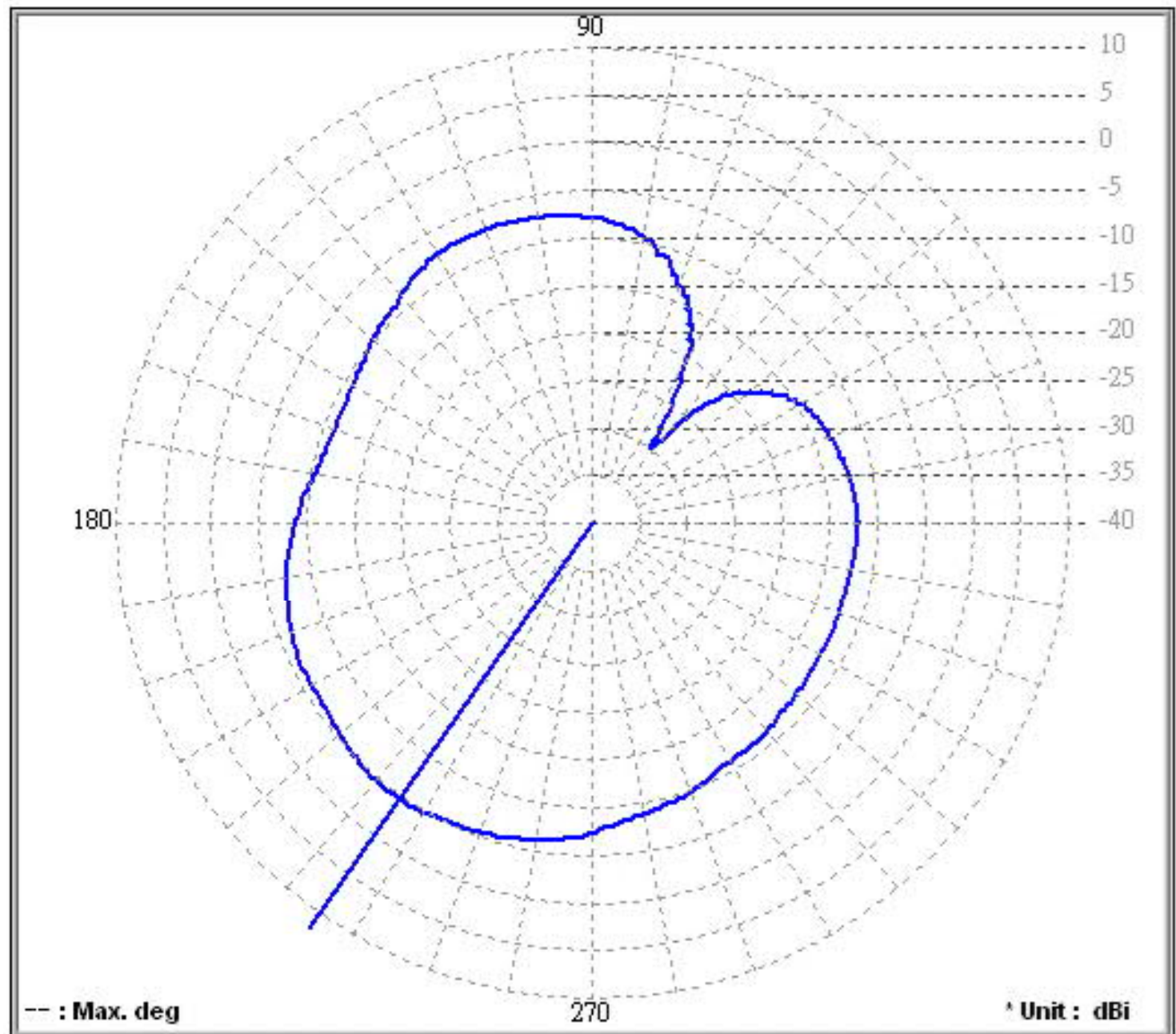
Date: **2013/5/2**

Time: **下午 07:57:41**

Temperature (°C): **24**

Humidity (%): **61**

Approved by:



Frequency (MHz): **2480.00**

Antenna Polarity: **Horizontal**

Average Value (dBi): **-8.87**

Maximum Value (dBi): **-4.58**

Maximum Value (degree): **235**

Minimum Value (dBi): **-29.92**

Minimum Value (degree): **52**

V6.2

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