

Antenna Test Report

MAX. Gain: -1.09 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	OB1558	2.40~2.4835	Monopole	None	-1.09

Test Result

Frequency (MHz)	Max Gain (dBi)
2403	-1.09
2444	-2.32
2480	-1.28

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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Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch [Bureau Veritas ADT]

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 : 1558
Remark : CH : 2403 MHz
Sample No. 01
Tested by : Dalen Dai

Location: **RF Chamber**

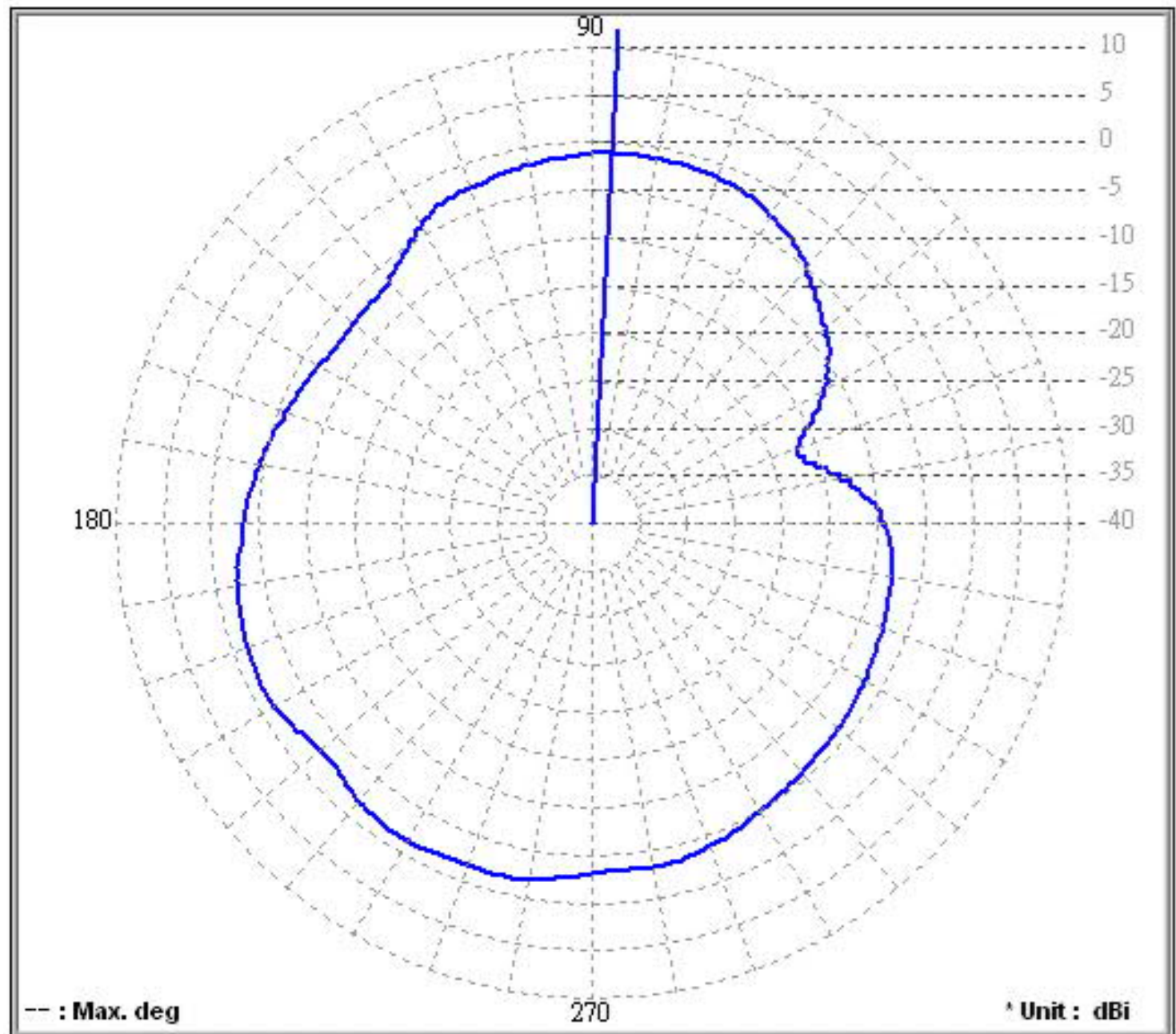
Date: **2013/5/2**

Time: **下午 07:10:16**

Temperature (°C): **24**

Humidity (%): **61**

Approved by:



Frequency (MHz): **2403.00**

Antenna Polarity: **Horizontal**

Average Value (dBi): **-3.85**

Maximum Value (dBi): **-1.09**

Maximum Value (degree): **87**

Minimum Value (dBi): **-17.19**

Minimum Value (degree): **18**

V6.2



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Brand / Model : 1558
Remark : CH : 2403 MHz
Sample No. 01
Tested by : Dalen Dai

Location: **RF Chamber**

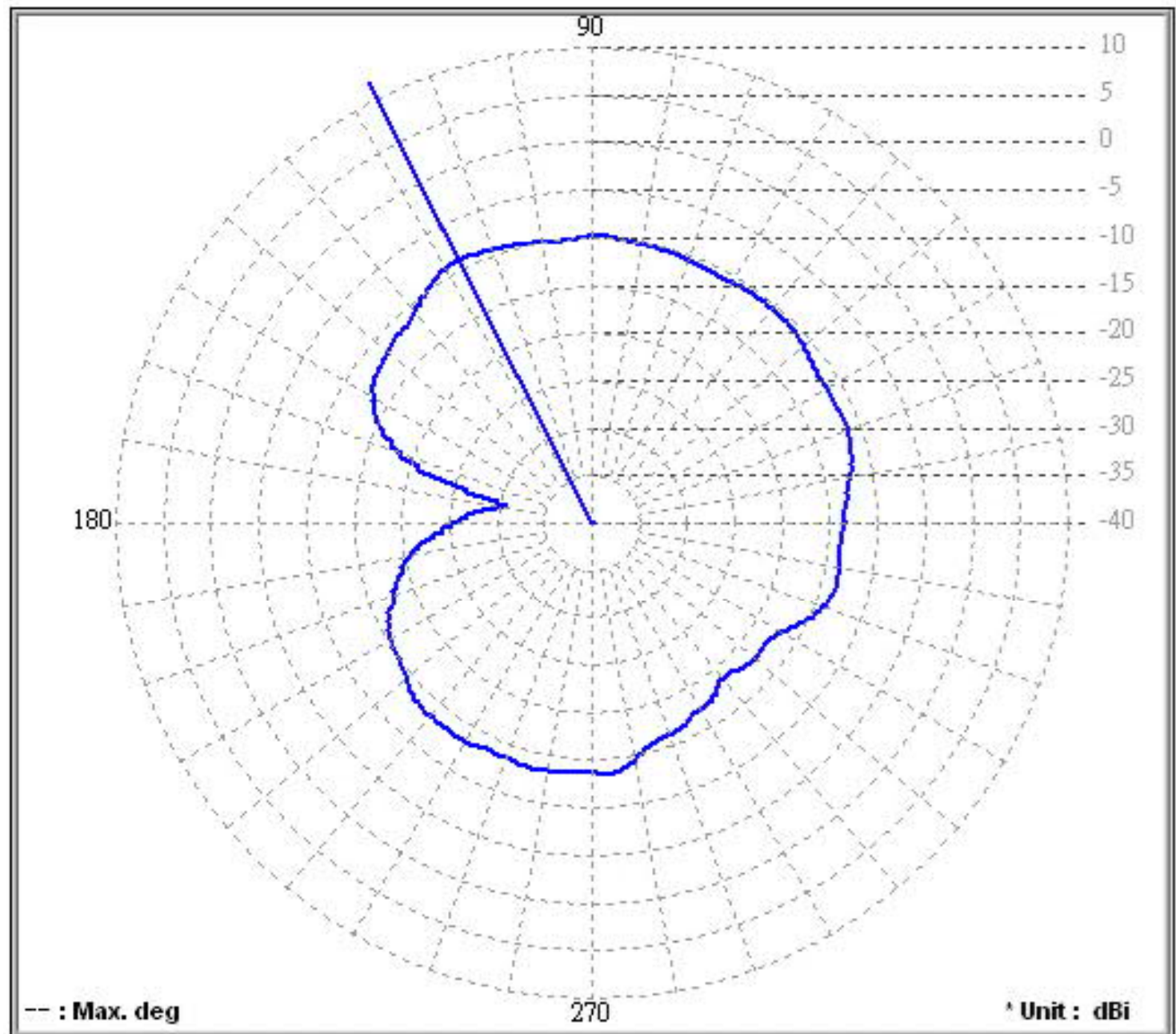
Date: **2013/5/2**

Time: **下午 07:33:49**

Temperature (°C): **24**

Humidity (%): **61**

Approved by:



Frequency (MHz): **2403.00**

Antenna Polarity: **Vertical**

Average Value (dBi): **-12.91**

Maximum Value (dBi): **-8.92**

Maximum Value (degree): **117**

Minimum Value (dBi): **-30.91**

Minimum Value (degree): **169**

V6.2



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Brand / Model : 1558
Remark : CH : 2444 MHz
Sample No. 01
Tested by : Dalen Dai

Location: **RF Chamber**

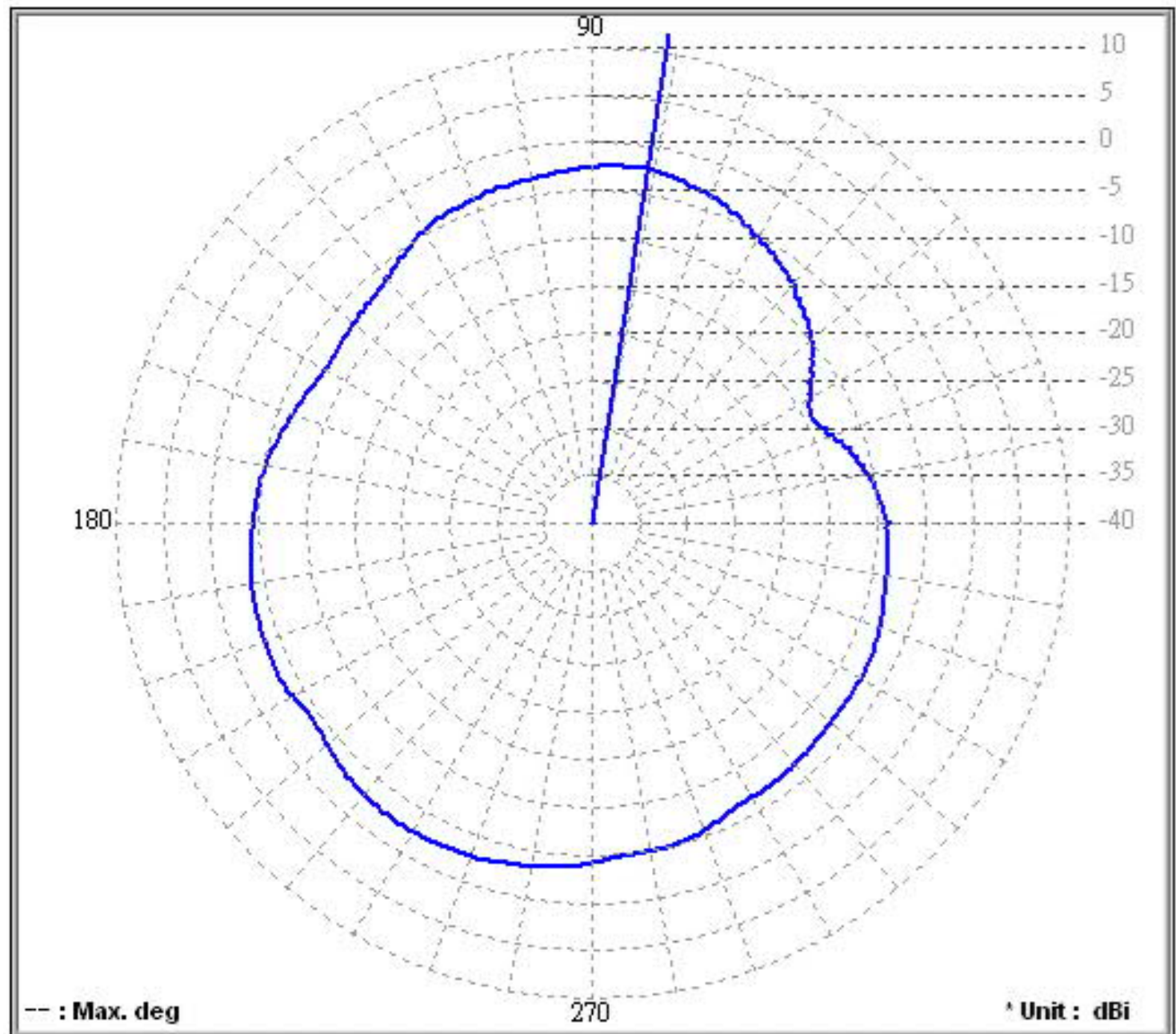
Date: **2013/5/2**

Time: **下午 07:13:04**

Temperature (°C): **24**

Humidity (%): **61**

Approved by:



Frequency (MHz): **2444.00**

Antenna Polarity: **Horizontal**

Average Value (dBi): **-5.11**

Maximum Value (dBi): **-2.32**

Maximum Value (degree): **81**

Minimum Value (dBi): **-14.27**

Minimum Value (degree): **26**

V6.2

D:\2Antenna Pattern V6.2\Graph\0502\05020011.png



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Brand / Model : 1558
Remark : CH : 2444 MHz
Sample No. 01
Tested by : Dalen Dai

Location: **RF Chamber**

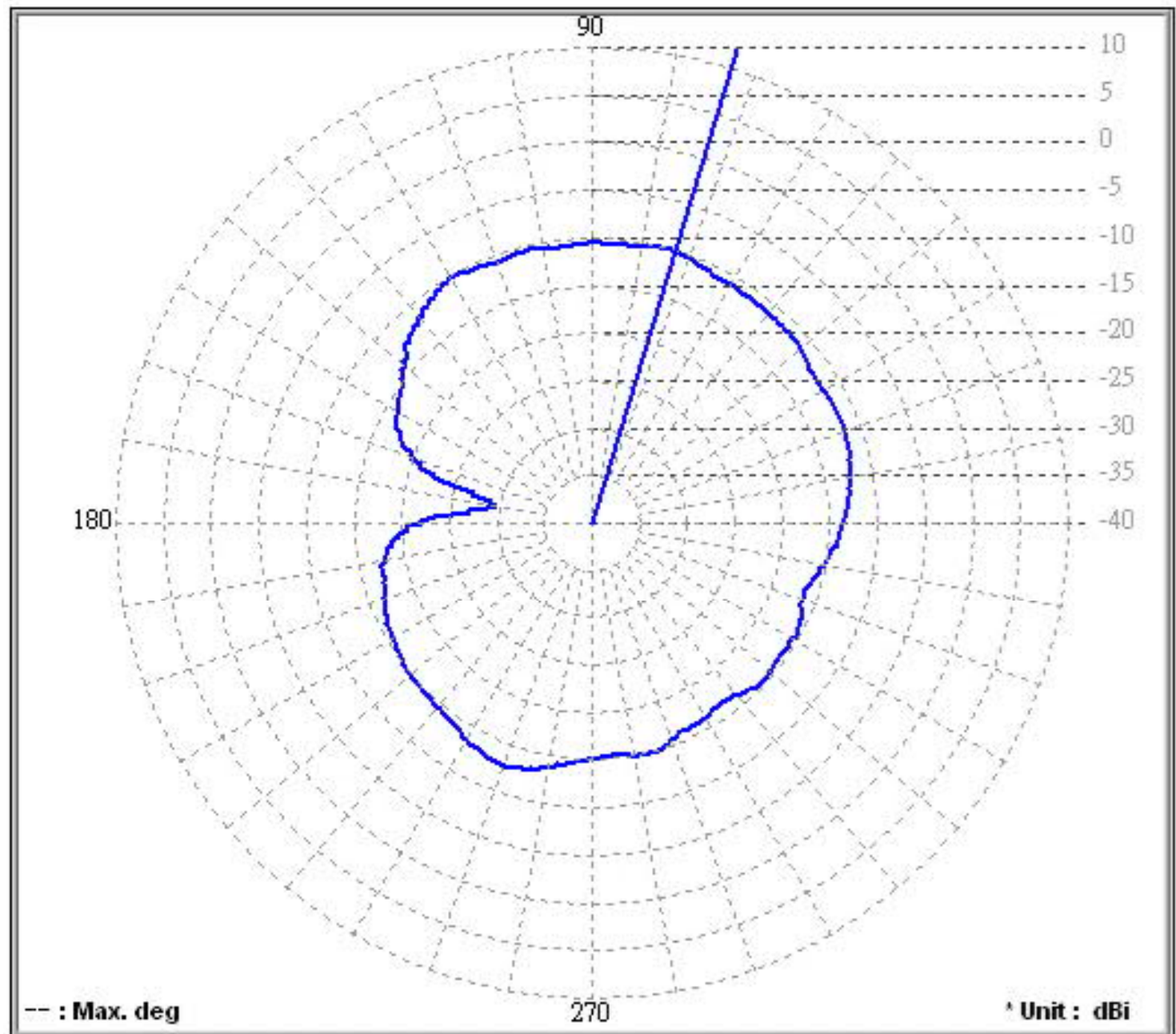
Date: **2013/5/2**

Time: **下午 07:28:42**

Temperature (°C): **24**

Humidity (%): **61**

Approved by:



Frequency (MHz): **2444.00**

Antenna Polarity: **Vertical**

Average Value (dBi): **-13.41**

Maximum Value (dBi): **-10.14**

Maximum Value (degree): **73**

Minimum Value (dBi): **-29.65**

Minimum Value (degree): **170**

V6.2



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Brand / Model : 1558
Remark : CH : 2480 MHz
Sample No. 01
Tested by : Dalen Dai

Location: **RF Chamber**

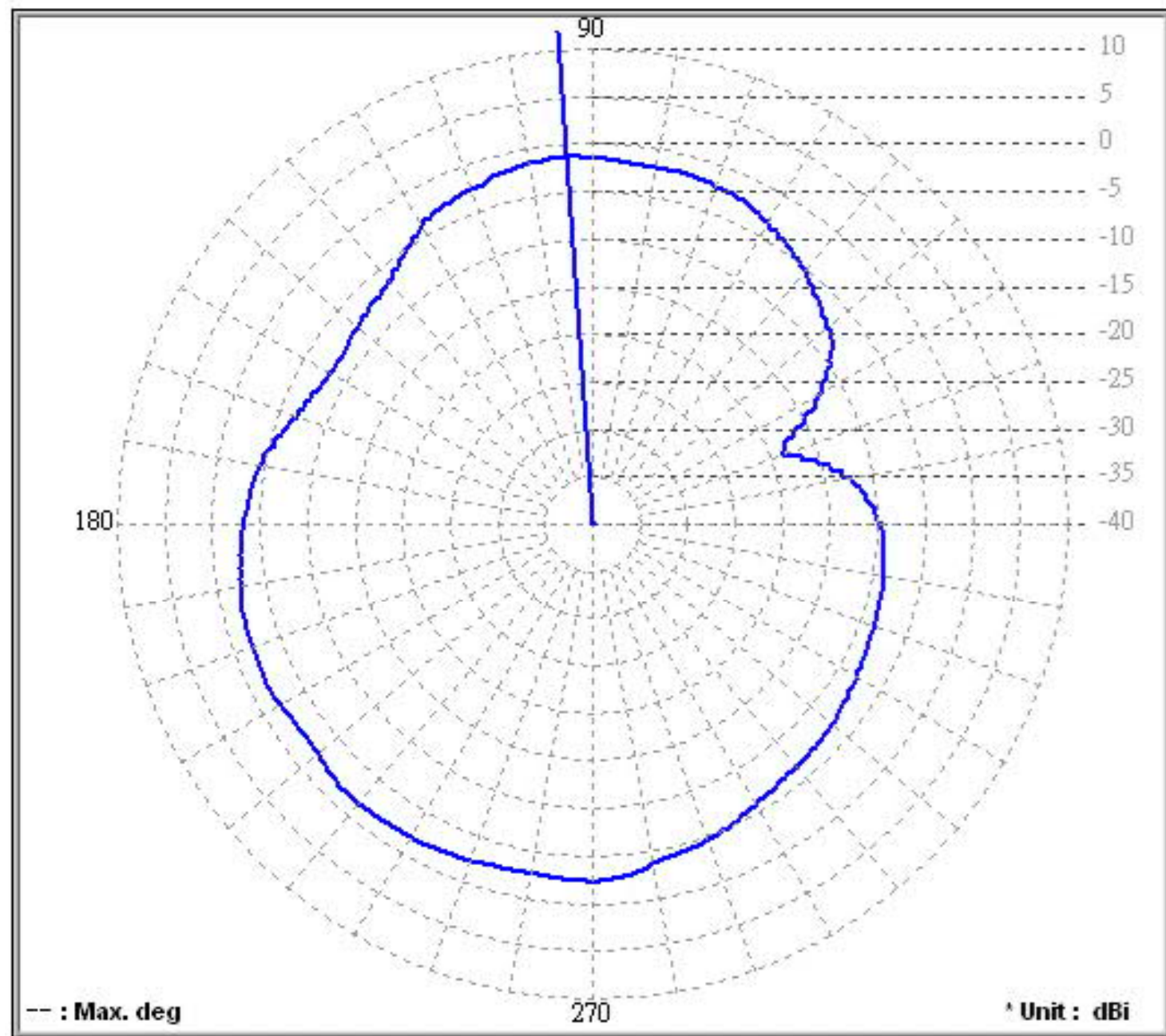
Date: **2013/5/2**

Time: **下午 06:57:27**

Temperature (°C): **24**

Humidity (%): **61**

Approved by:



Frequency (MHz): **2480.00**

Antenna Polarity: **Horizontal**

Average Value (dBi): **-4.16**

Maximum Value (dBi): **-1.28**

Maximum Value (degree): **94**

Minimum Value (dBi): **-18.60**

Minimum Value (degree): **20**

V6.2



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Brand / Model : 1558
Remark : CH : 2480 MHz
Sample No. 01
Tested by : Dalen Dai

Location: **RF Chamber**

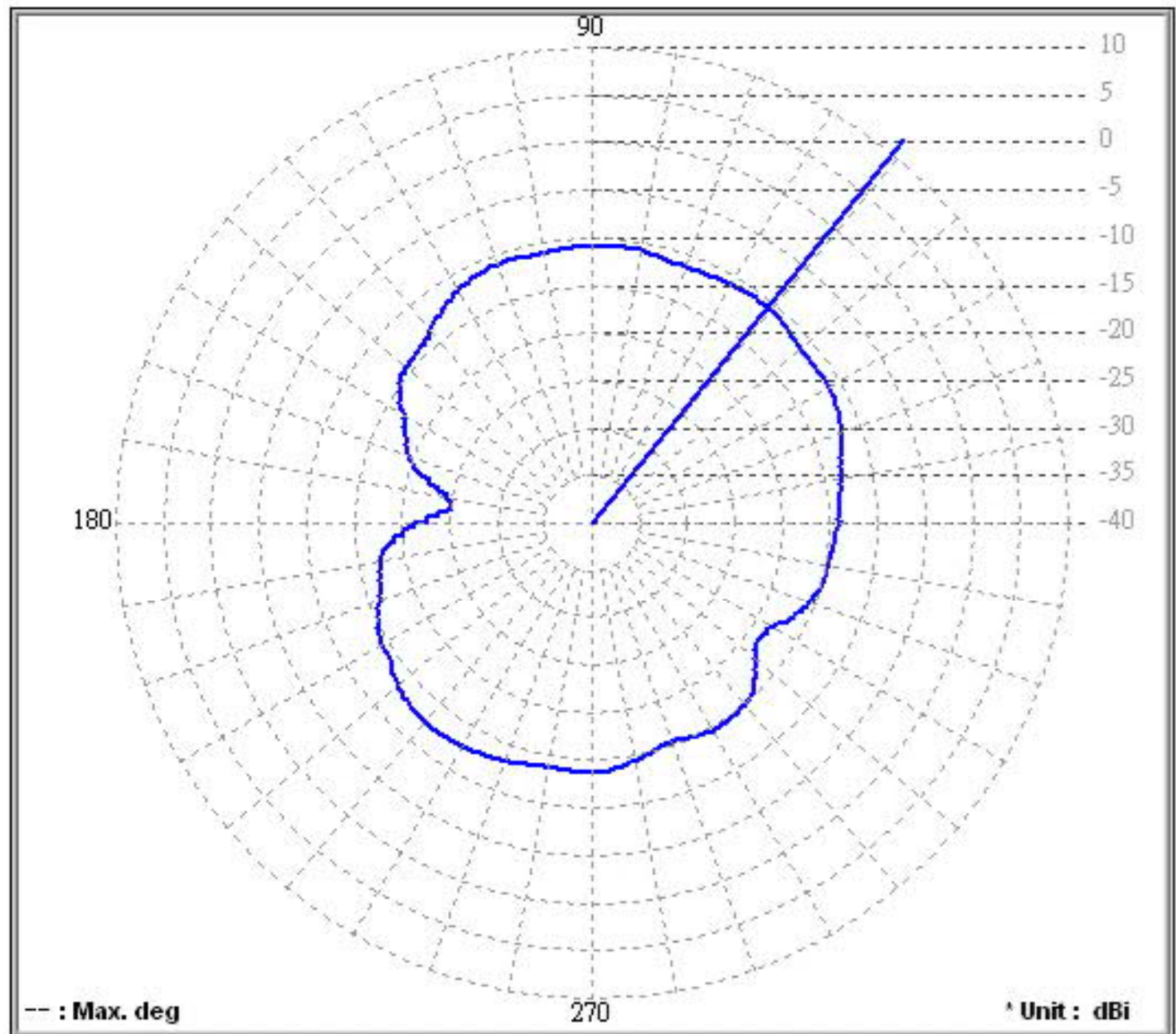
Date: **2013/5/2**

Time: **下午 07:27:15**

Temperature (°C): **24**

Humidity (%): **61**

Approved by:



Frequency (MHz): **2480.00**

Antenna Polarity: **Vertical**

Average Value (dBi): **-13.48**

Maximum Value (dBi): **-10.68**

Maximum Value (degree): **51**

Minimum Value (dBi): **-25.13**

Minimum Value (degree): **173**

V6.2