

# Antenna Test Report

**MAX. Gain: 2.3 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       | OB1929 | 2.40~2.4835          | Monopole     | None           | 2.3           |

## Test Result

| Frequency (MHz) | Max Gain (dBi) |
|-----------------|----------------|
| 2402            | 1.54           |
| 2440            | 2.3            |
| 2480            | 1.73           |

## 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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Brand / Model : 1929  
Remark : TX , 2402MHz  
Sample No.  
Tested by : Ian Chang

Location: RF Chamber

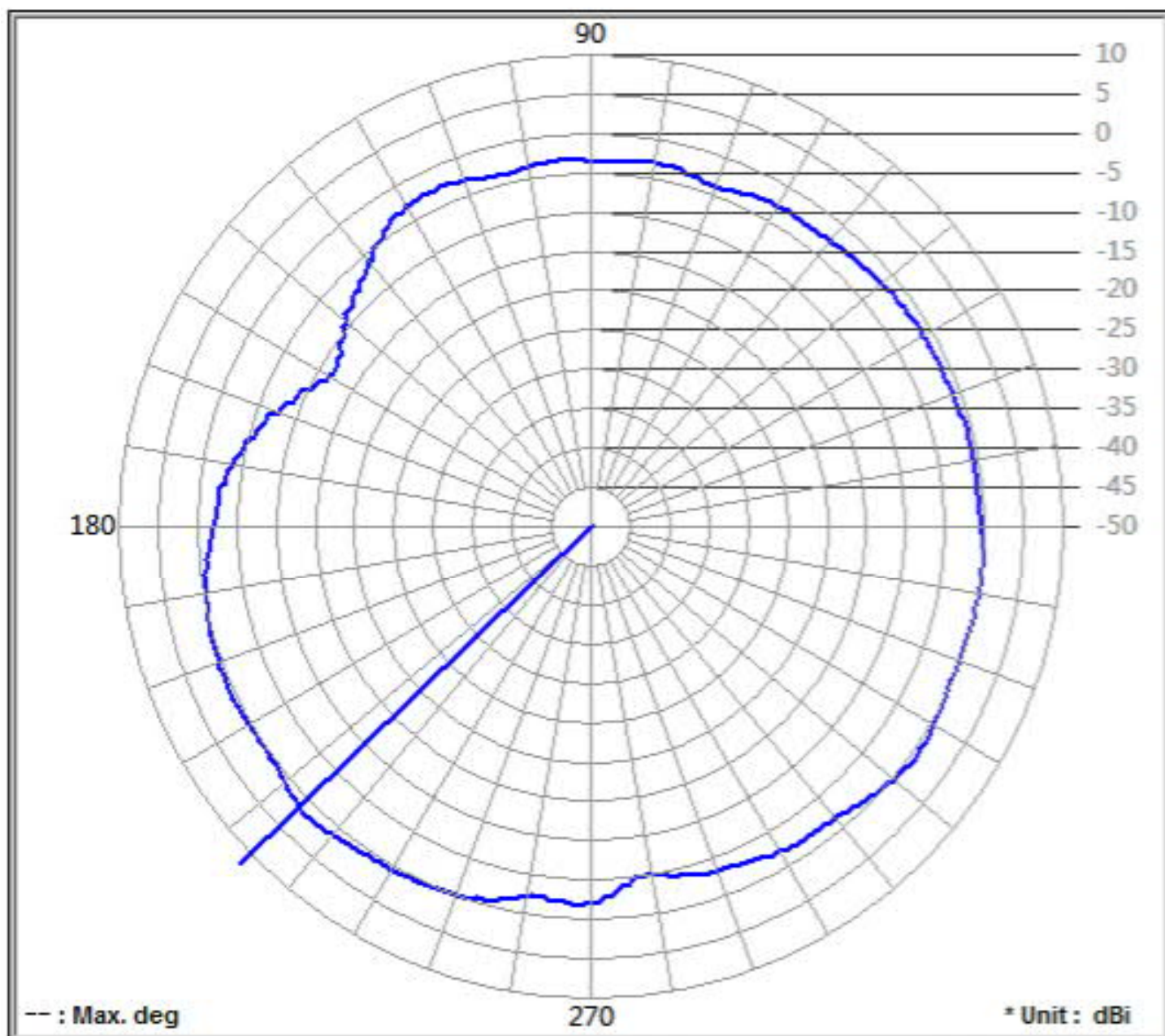
Date: 2019/7/19

Time: 下午 02:03:30

Temperature (°C): 25

Humidity (%): 75

Approved by:



Frequency (MHz) : 2402.00

Antenna Polarity : Horizontal

Average Value (dBi) : -1.66

Maximum Value (dBi) : 1.54

Maximum Value (degree) : 224

Minimum Value (dBi) : -11.93

Minimum Value (degree) : 148

V 6.2



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Brand / Model : 1929  
Remark : TX , 2402MHz  
Sample No.  
Tested by : Ian Chang

Location: RF Chamber

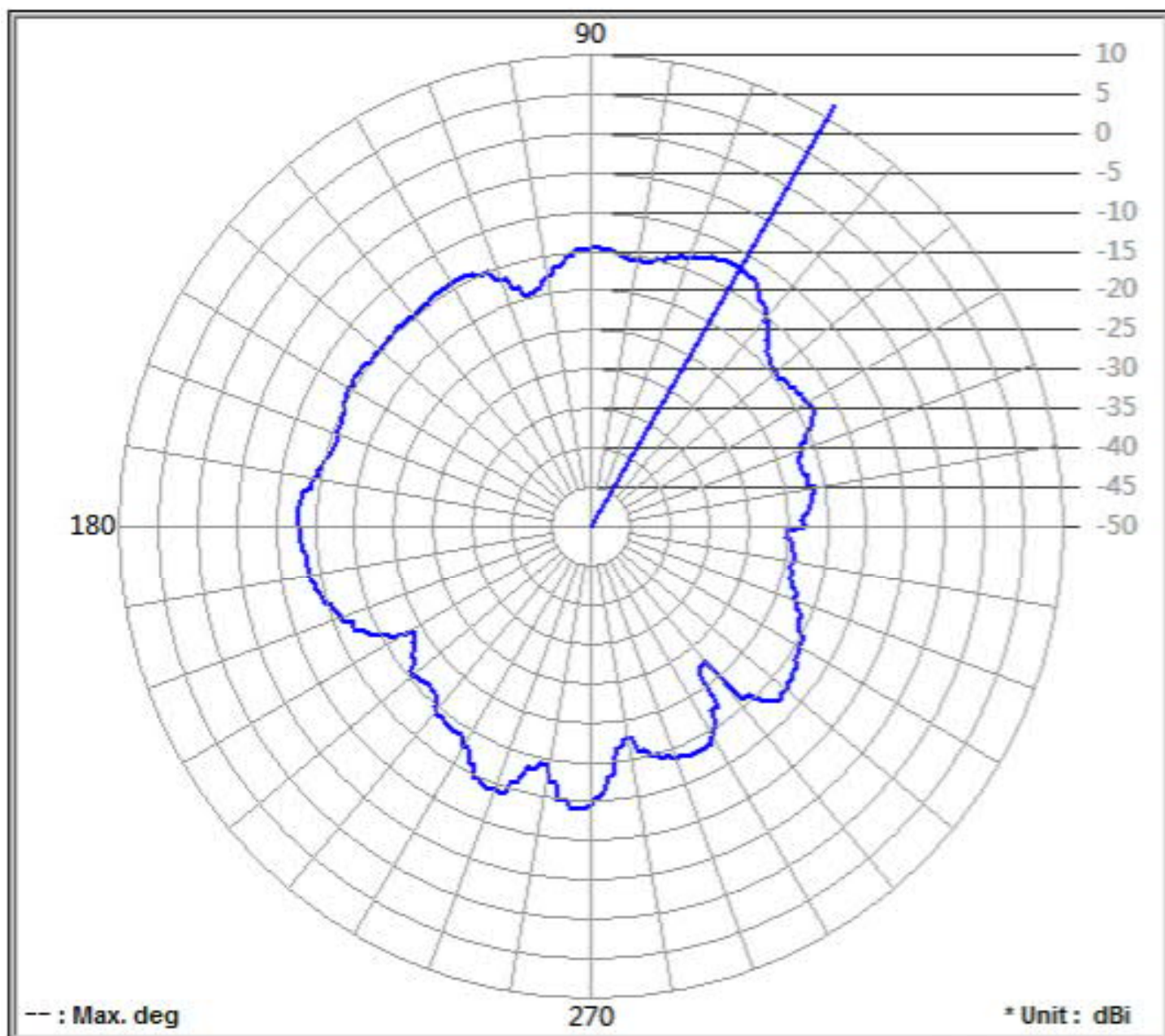
Date: 2019/7/19

Time: 下午 02:19:59

Temperature (°C): 25

Humidity (%): 75

Approved by:



Frequency (MHz) : 2402.00

Antenna Polarity : Vertical

Average Value (dBi) : -16.53

Maximum Value (dBi) : -12.00

Maximum Value (degree) : 60

Minimum Value (dBi) : -27.55

Minimum Value (degree) : 309

V 6.2



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Brand / Model : 1929  
Remark : TX , 2440MHz  
Sample No.  
Tested by : Ian Chang

Location: RF Chamber

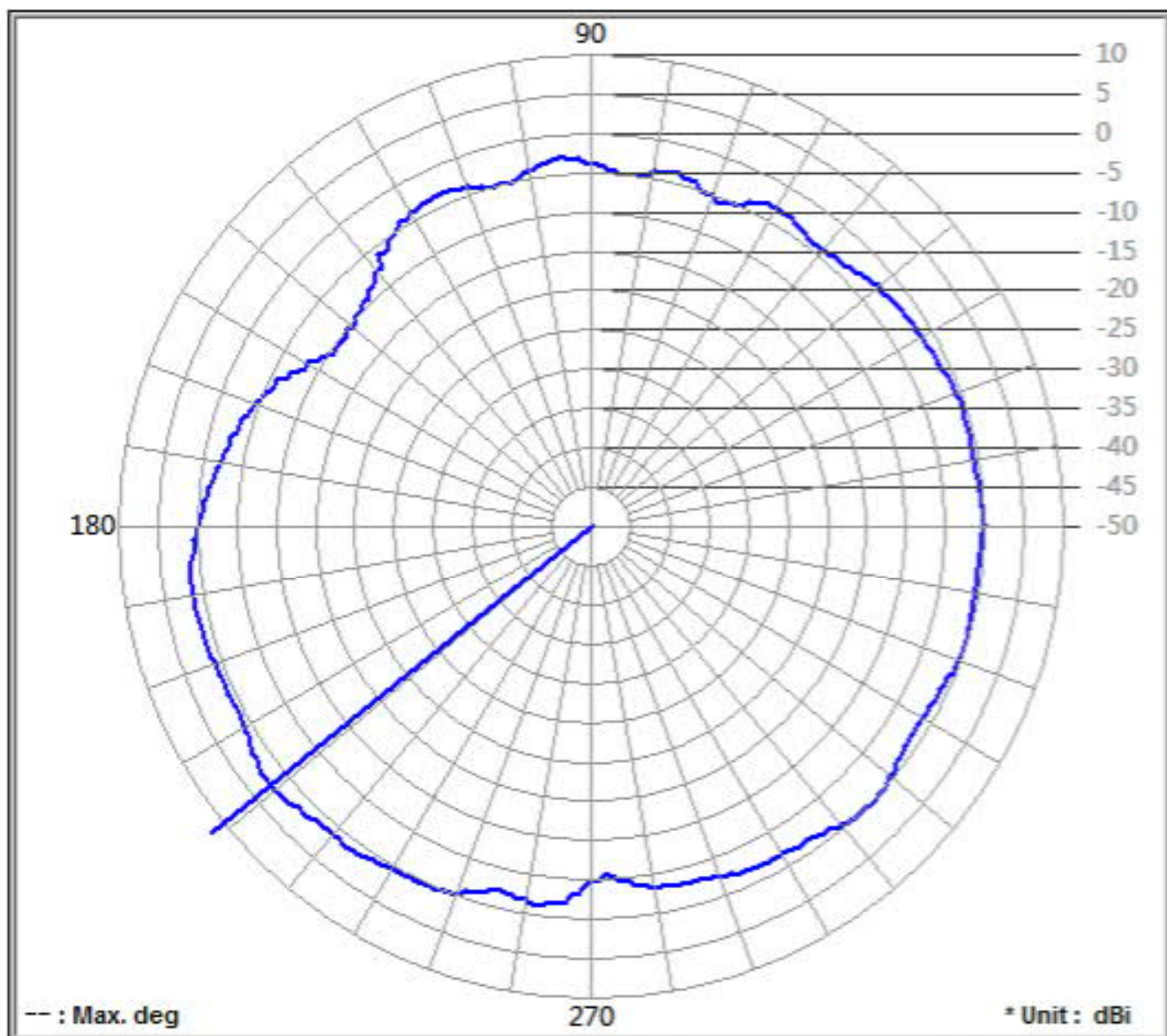
Date: 2019/7/19

Time: 下午 02:06:41

Temperature (°C): 25

Humidity (%): 75

Approved by:



Frequency (MHz) : 2440.00

Antenna Polarity : Horizontal

Average Value (dBi) : -1.54

Maximum Value (dBi) : 2.30

Maximum Value (degree) : 219

Minimum Value (dBi) : -10.63

Minimum Value (degree) : 142

V 6.2



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Brand / Model : 1929  
Remark : TX , 2440MHz  
Sample No.  
Tested by : Ian Chang

Location: RF Chamber

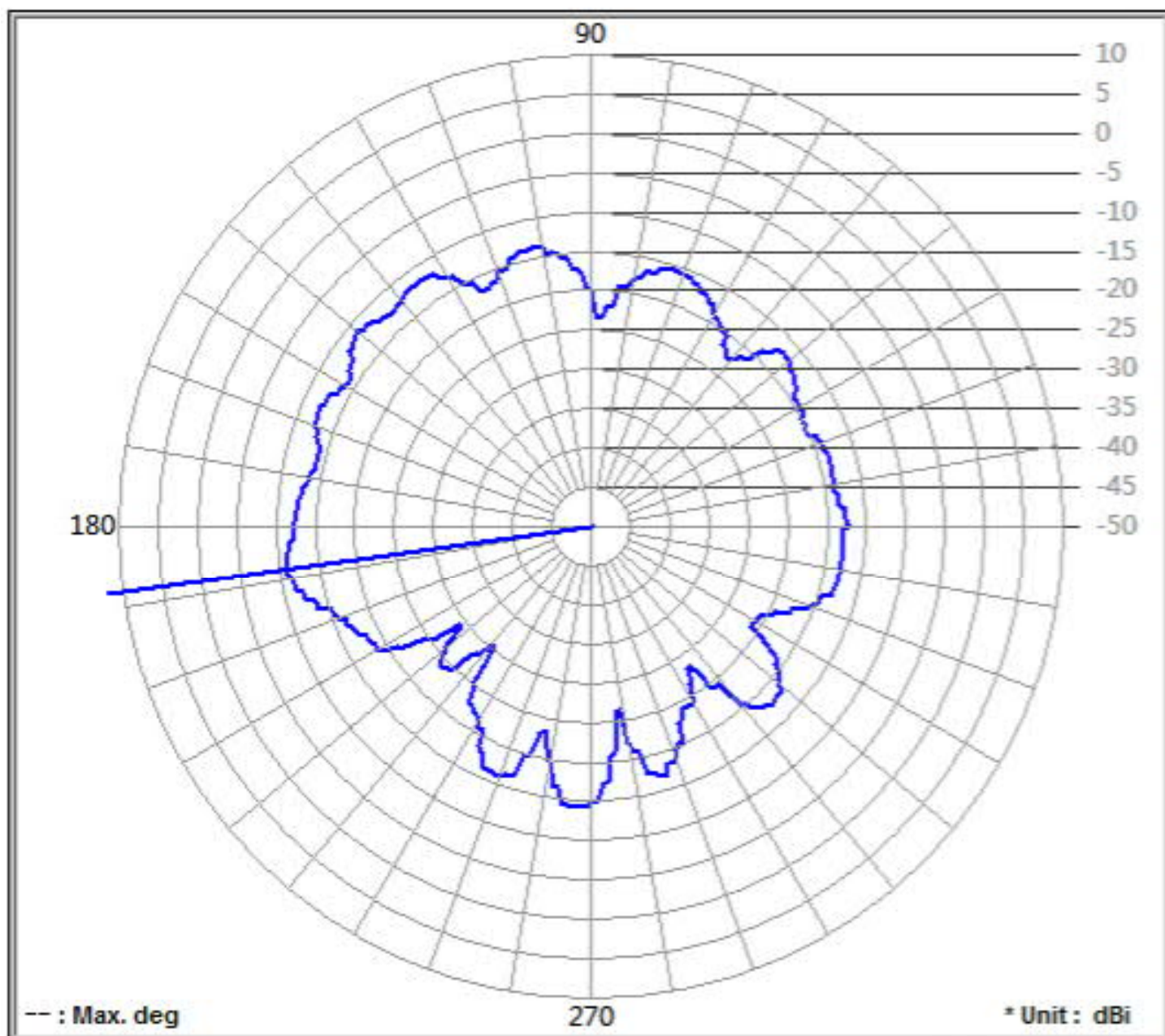
Date: 2019/7/19

Time: 下午 02:18:23

Temperature (°C): 25

Humidity (%): 75

Approved by:



Frequency (MHz) : 2440.00

Antenna Polarity : Vertical

Average Value (dBi) : -16.33

Maximum Value (dBi) : -11.13

Maximum Value (degree) : 188

Minimum Value (dBi) : -30.30

Minimum Value (degree) : 230

V 6.2



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Brand / Model : 1929  
Remark : TX , 2480MHz  
Sample No.  
Tested by : Ian Chang

Location: RF Chamber

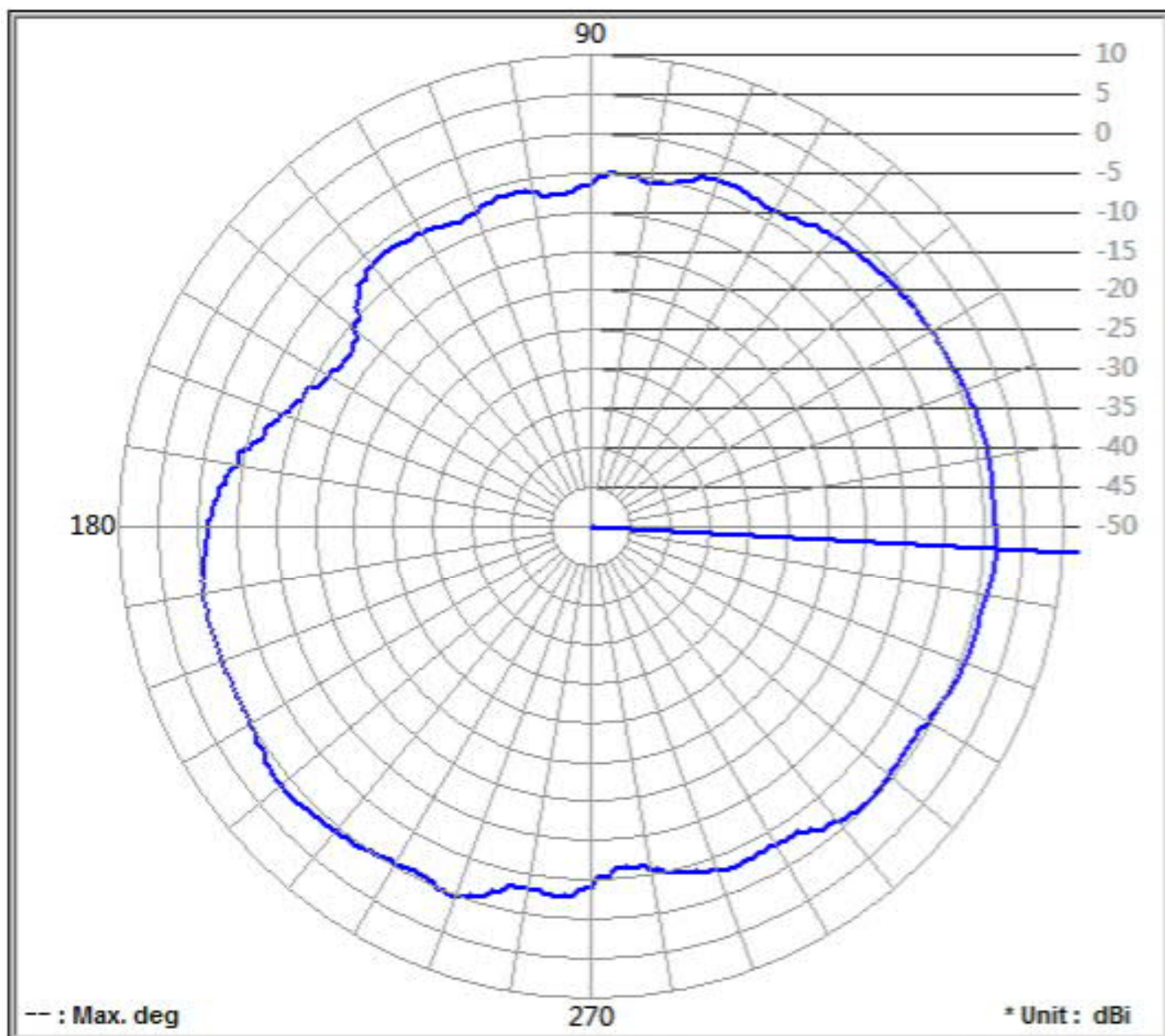
Date: 2019/7/19

Time: 下午 02:12:23

Temperature (°C): 25

Humidity (%): 75

Approved by:



Frequency (MHz): 2480.00

Antenna Polarity: Horizontal

Average Value (dBi): -1.69

Maximum Value (dBi): 1.73

Maximum Value (degree): 357

Minimum Value (dBi): -12.30

Minimum Value (degree): 144

V 6.2



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Brand / Model : 1929  
Remark : TX , 2480MHz  
Sample No.  
Tested by : Ian Chang

Location: RF Chamber

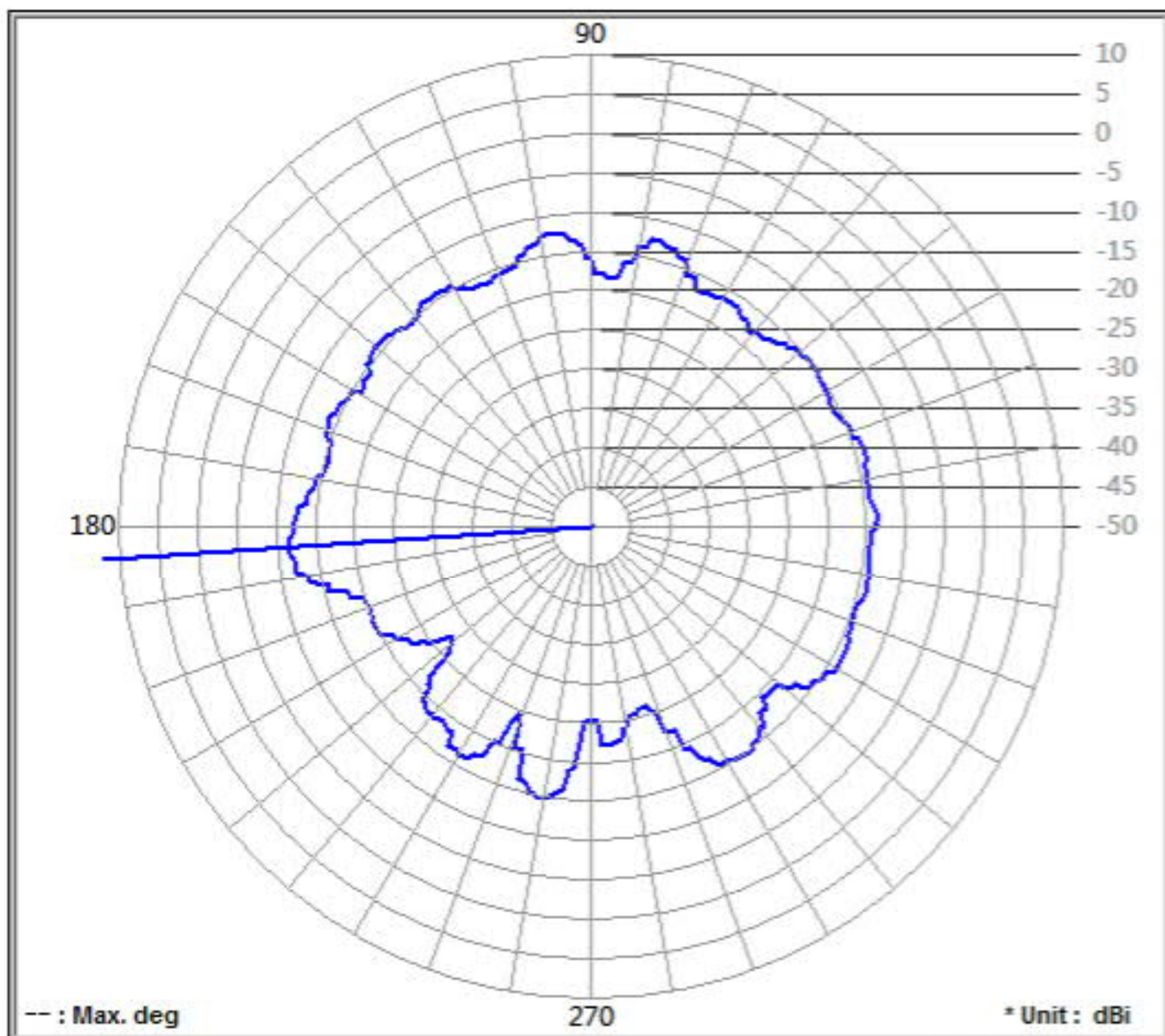
Date: 2019/7/19

Time: 下午 02:16:09

Temperature (°C): 25

Humidity (%): 75

Approved by:



Frequency (MHz) : 2480.00

Antenna Polarity : Vertical

Average Value (dBi) : -15.71

Maximum Value (dBi) : -11.72

Maximum Value (degree) : 184

Minimum Value (dBi) : -27.51

Minimum Value (degree) : 218

V 6.2