

Antenna Specification

CUSTOMER NAME: _____ Weishng Electronics _____

Product name : _____ 2.4G Antenna _____

PRODUCT SPECS: _____

PRODUCT NUMBER: _____ C10-35-2.5 _____

Factory signature: _____ Date: June 27,2022 _____

TESTED BY	CHECKED BY	APPROVED BY
Yuweihua	Wuguoxi	Laishengxion

Recognize the signature: _____ Date: _____ Year _____ Month _____ Day _____

CONFIRMED BY R&D	CONFIRMED BY TQC	CONFIRMED BY MQE

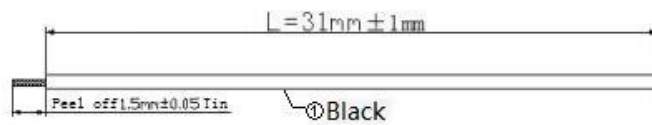
Shantou Jingyi electronic wire factory

ADD:

TEL:

FAX:

版本	变更标志	变更内容	制定	日期	BCN. NO
A					



Technical Requirements:

1. No splits in the tin.
2. No copper exposure at B-end.
3. Wire diameter: 0.9 ± 0.1 , copper wire: $0.12 \text{ ts} \pm 0.01$
4. All materials meet ROHS requirements;

Shantou Jingyi electronic wire factory						Customers: Weisheng	
Name	Antenna				Drawing	于卫华	
Models					Audit	吴国玺	
No					Approved	赖胜雄	
REV	B		Unit	MM	Date	2022.9.14	
No	Name	Specification	Unit	Dosage	图号		

Product Specification

1 Electrical Characteristics

Antenna type: Monopole antenna

Frequency : 2400MHz ~2500MHz

VSWR : <3.0

Efficiency : >30%

Impedance : 50 Ohm

Polarization : Line

Gain : 2.31DBi

2. Material & Mechanical Characteristics

Material of Radiator : Cu

Cable Type 1.0 16P black

Connector Type : NO Dimension

3. Environmental

Operation Temperature - 35 °C ~ + 85 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

1. Network Analyzers : Agilent 8753D 5071B
2. Communications Test Set: Agilent E5515C
3. 3D Chamber Test System

Radiation Pattern

Antenna : 2.4G Antenna @ L=31mm

Remark H-Plane //H-Pol

Tested by : Antenna 3D Lab

Location: **Chamber**

Date: **2017/09/22**

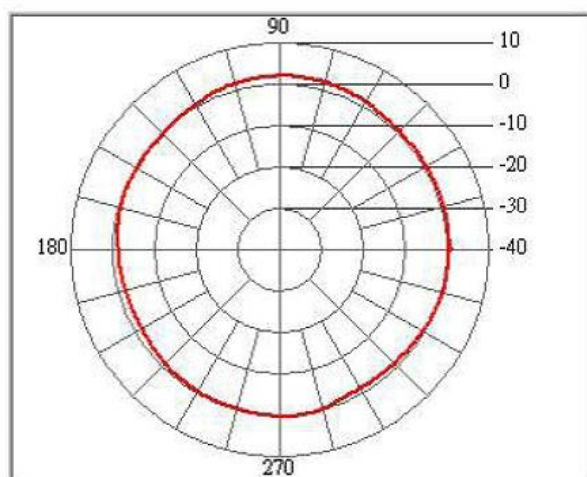
Time: 上午 **11: 20: 05**

Temperatuer (°C): **25.00**

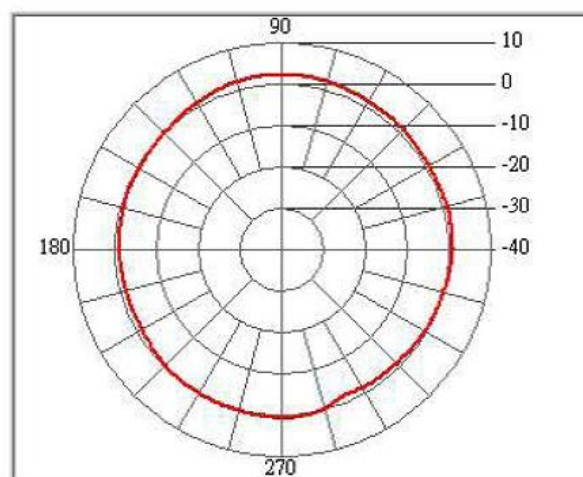
Humidity (%): **65.00**

Approved by:

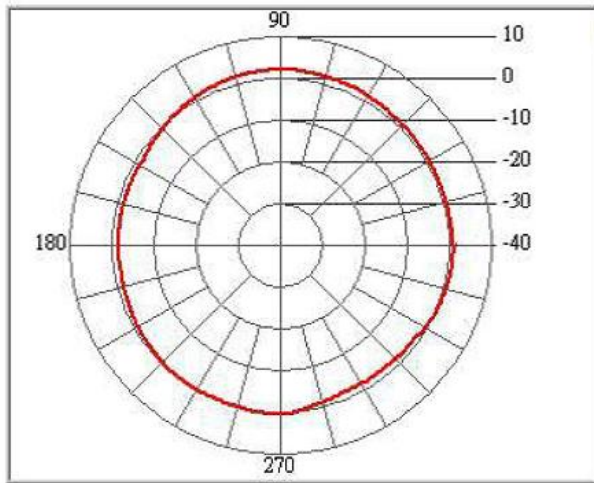
Freq. (MHz)	2390	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain (dBi)	1.99	2.31	2.1	1.85	2.3	2.16	2.16	2	1.84	2.15	1.89	1.94
Peak Degree	85	86	86	85	346	356	346	360	360	360	85	95
AV Gain (dBi)	0.07	0.31	0.11	0.07	0.42	-0.03	-0.03	0.04	-0.26	-0.07	-0.5	-0.72



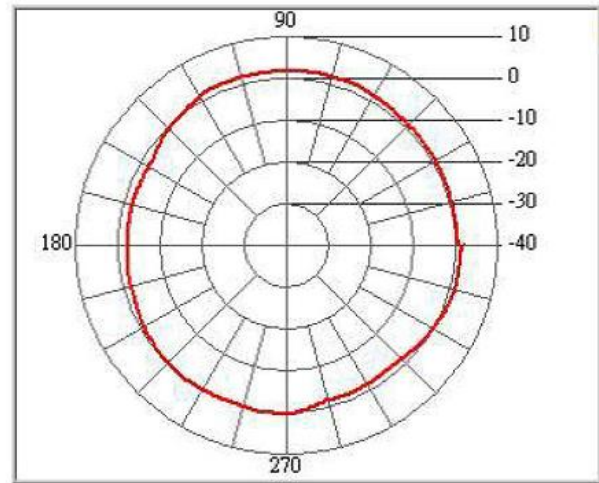
2390



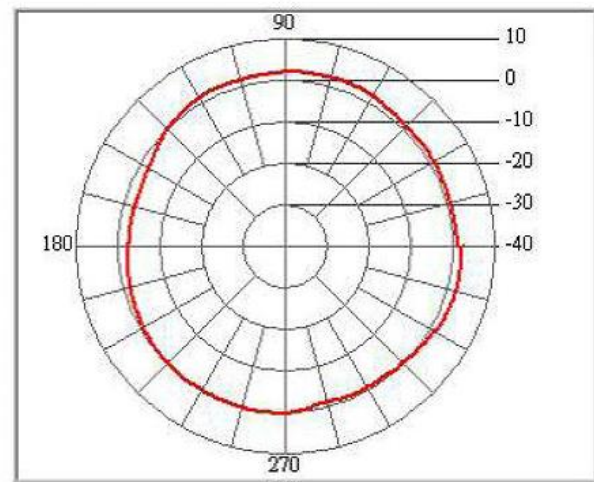
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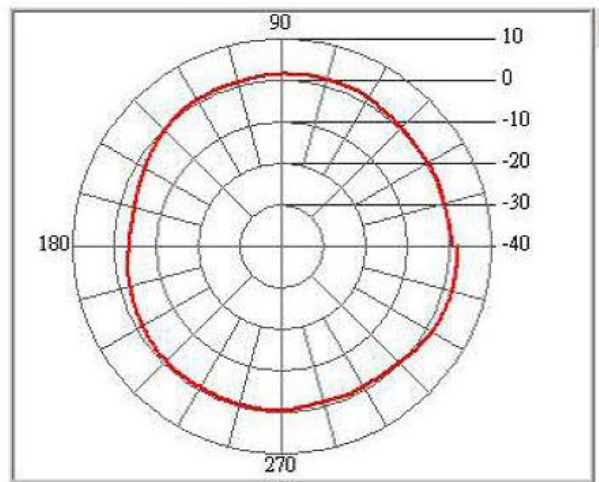
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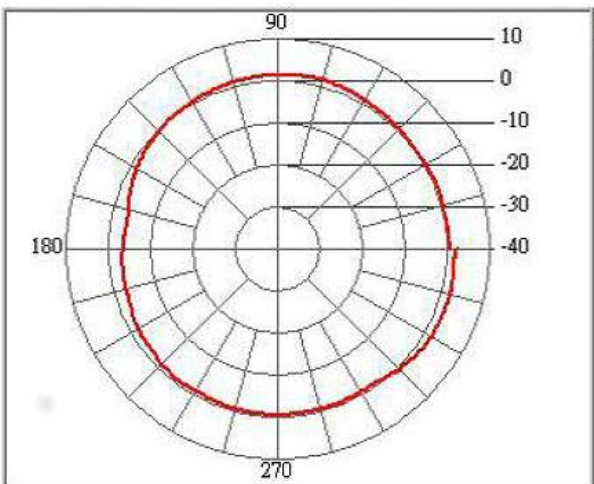
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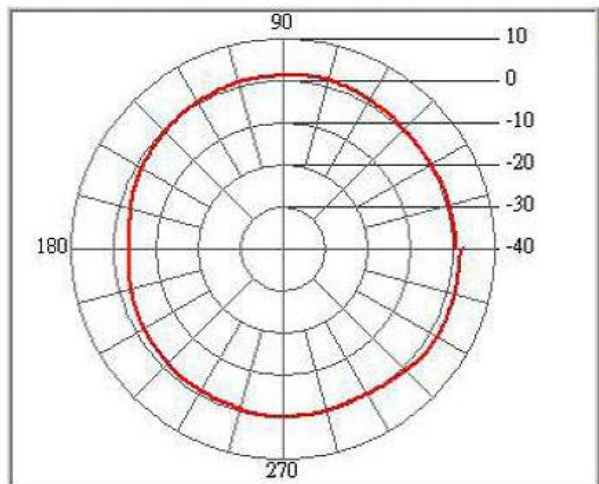
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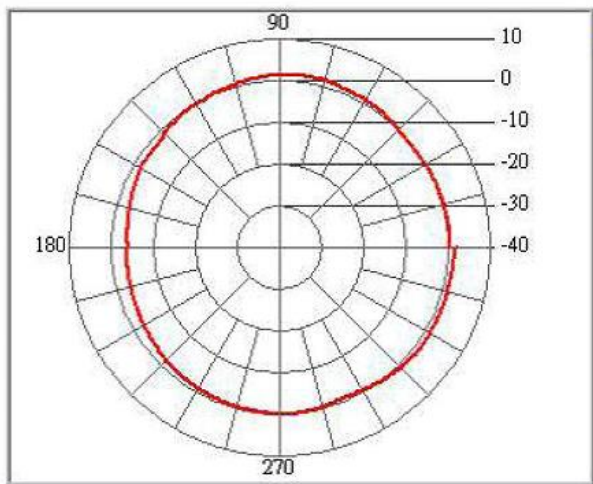
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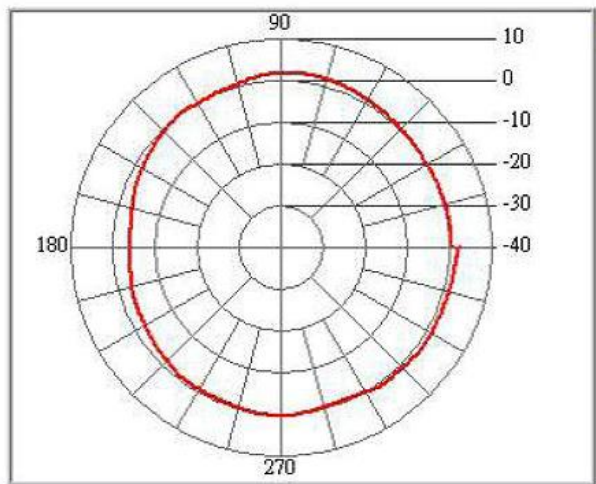
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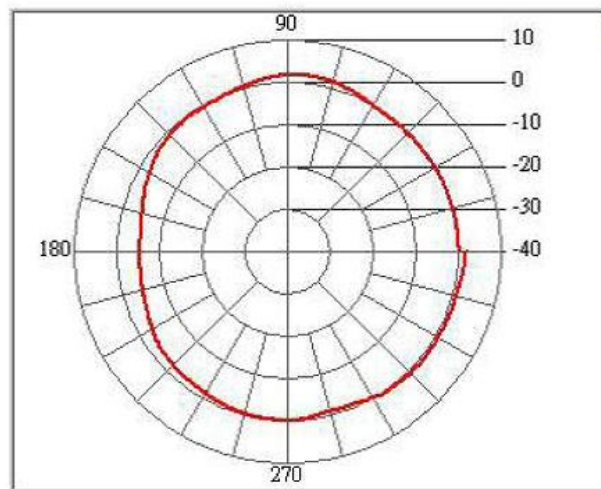
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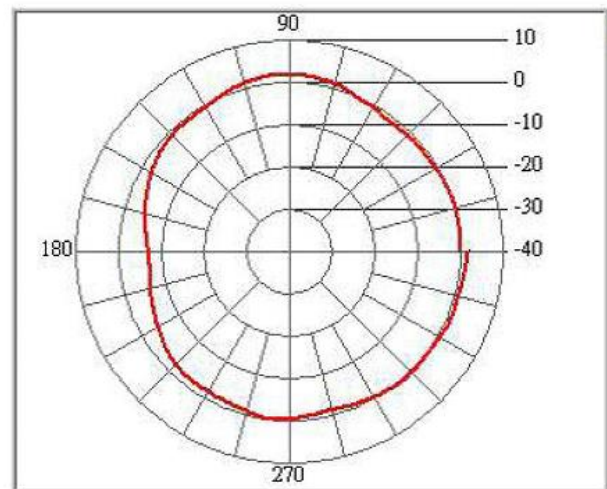
2470



2480



2490



2500