

深圳市云顶通讯电子有限公司

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承認書 APPROVAL SHEET

Customer K

Shenzhen Huiji Technology Co. LTD

P R O J E C T:

SK09

DESCRIPTION:

Integrated Antenna

PART NO.:

CUS PART NO.:

D A T E:

2026-5-11

Shenzhen Yunding Communication Electronics Co., Ltd.

No. 315, Sanwei South Road, Sanwei Community, Hangcheng Subdistrict,
Bao'an District, Shenzhen City

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The customer
acknowledges
the signature

Engineering Process ENGINEERING DEPARTMENT	Quality Guaranteed Q C DEPARTMENT	CollectionPurchase PURCHASING DEPARTMENT

Contact number: 0755 23073599

✱ Three copies of the acknowledgment letter, signed by Huimeng your company

✱ Approval in duplicate, please signed by your company.

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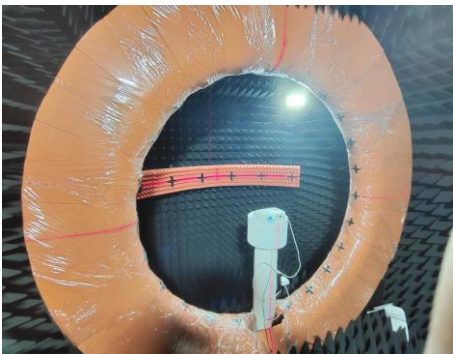
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1. Test items and equipment

	Test items	Equipment
1. S11 Reference (S-parameter) num ber	1. 回波损耗 (Return Loss) 2. Voltage standing wave ratio (VSWR).	Network Analyzer: Agilent E5071B HP 8753D
2. Active testing	1. Transmit Power (TRP). 2. Receiving Sensitivity (TIS).	1. 暗室: ETS 7x4x3 m (3D) Chamber ETS 5x3x3 m (3D) Chamber 2. 综合测试仪: Agilent 8960 E5515B ×2 StarPoint SP6011 Cmw500



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2. Antenna performance

SWR





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三、BT天线效率and增益

Frequency/MHz	MaxGain/dBi	Efficiency / %
2400	0.2	30.06
2410	-0.03	29.92
2420	0.04	29.44
2430	0.01	29.58
2440	-0.13	28.44
2450	-0.2	27.99
2460	0.11	27.86
2470	0.25	27.48
2480	0.2	27.1
2490	-0.08	26.61
2500	-0.21	25.06

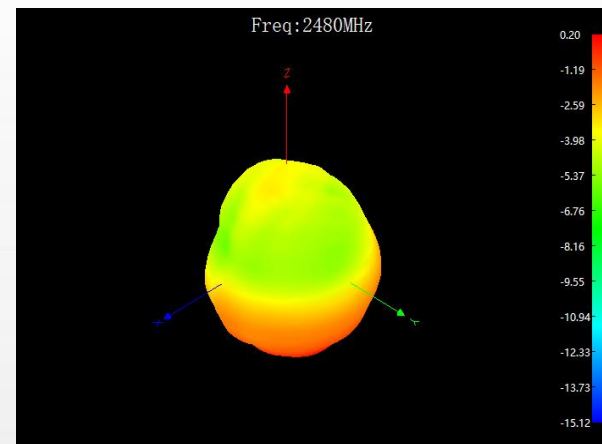
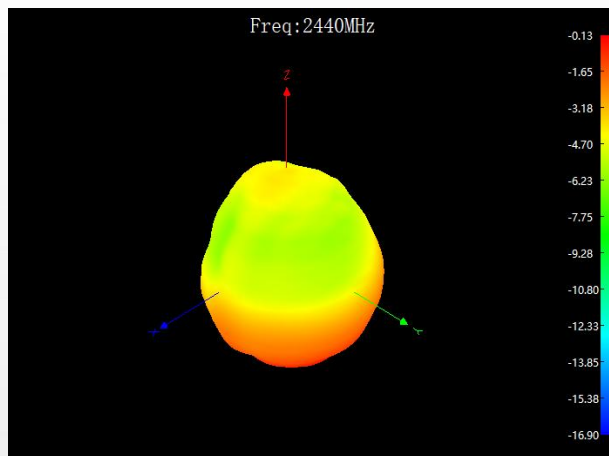
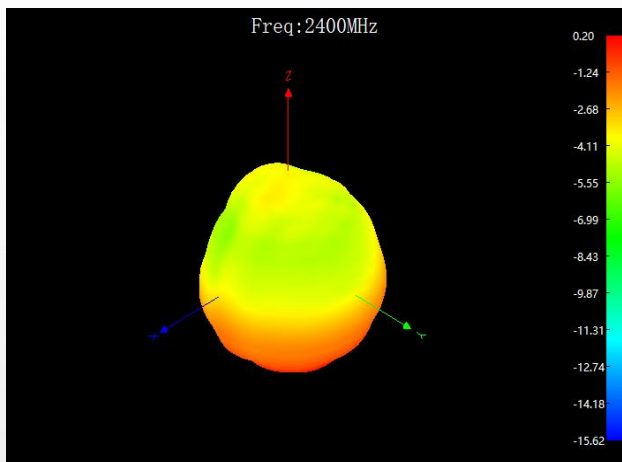




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四、3D辐射图



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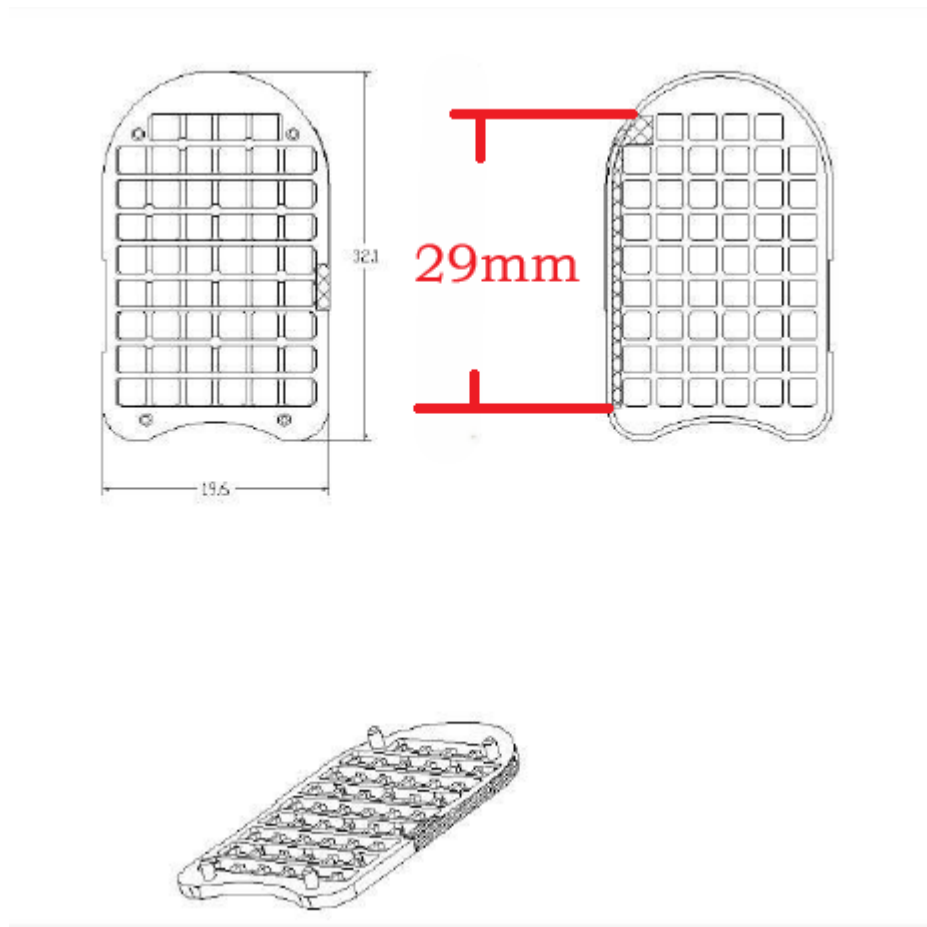
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4. Antenna structure diagram:

unit: mm



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Electrical technical parameters

Electrical energy indicator		Electrical Specifications	
Frequency range	2400~2500 MHz	Frequency Range	2400~2500 MHz
Voltage VSWR	≤2.0	VSWR	≤2.0
Input impedance	50 Ω	Input Impedance	50 Ω
Maximum gain	0.25 DBI	Maximum gain	0.25 DBI
Mechanical indicators		Mechanical Specifications	
Operating temperature	-40℃~+85℃	Working Temperature	-40℃~+85℃
Operating humidity	20~80%	Working Humidity	20~80%