

Acknowledgement

SPECIFICATION FOR APPROVAL

CUSTOMER NAME: Guoguang Electric Company Limited

PRODUCT NAME: 2.4G BT internal antenna L=345mm

CUSTOMER P/N: EAN00318

Ren Feng P/N: U00T02S000N02790 REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	Huang Lei	
AUDITOR BY:	Liu Xiaolin	
APPROVED BY:	Yao Dingjun	
DATE:	2023-01-12	

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一、 Change your resume

REV	DATE	Change record
A	2023-01-12	Initial release

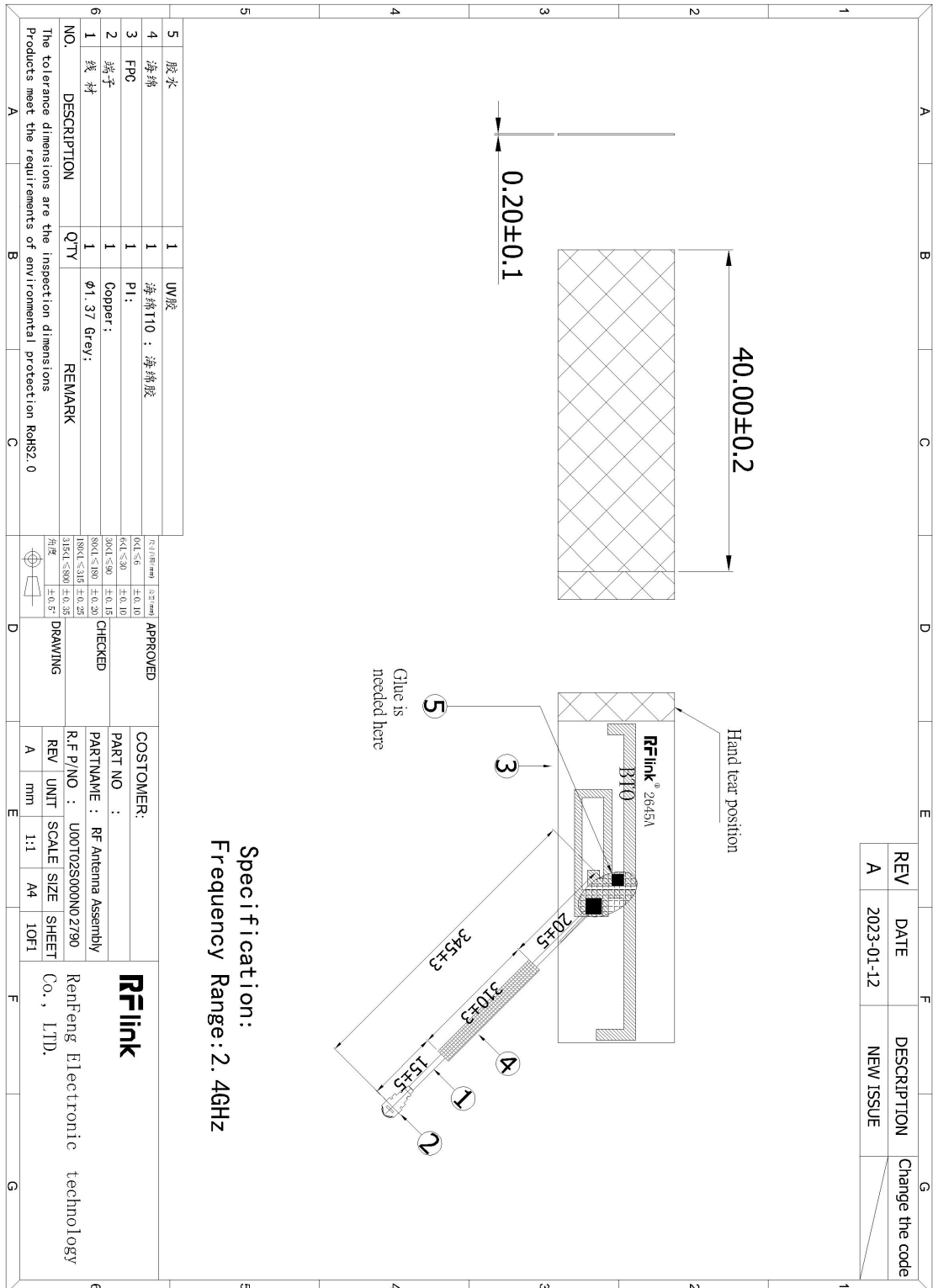
二、Specification sheet:

Product main technical parameters

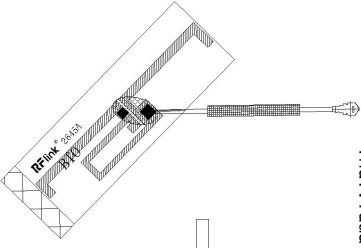
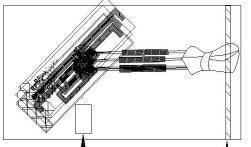
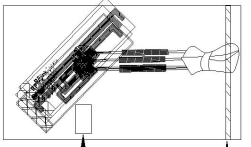
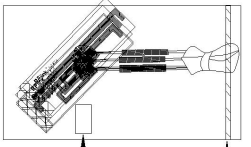
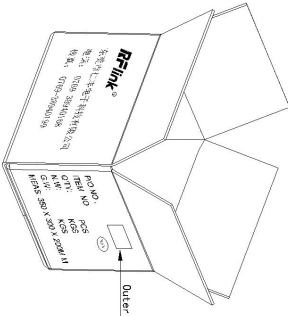
Main technical specifications		Main technical specifications	
Frequency Range (MHZ)	2400-2500	Frequency Range (MHZ)	2400-2500
Impedance(Ω)	50	Impedance(Ω)	50
Peak Gain(dBi)	3.38	Peak Gain(dBi)	3.38
VSWR	≤ 2.0	VSWR	≤ 2.0
Radiation	Omni-directional	Radiation	Omni-directional
Connector Type	I-PEX	Connector Type	I-PEX
Physical Properties		Physical Properties	
Antenna cover	FPC	Antenna cover	FPC
Operating Temp	-20℃~+70℃	Operating Temp	-20℃~+70℃
Storage Temp	-20℃~+70℃	Storage Temp	-20℃~+70℃

三、Finished product drawing & packing drawing:

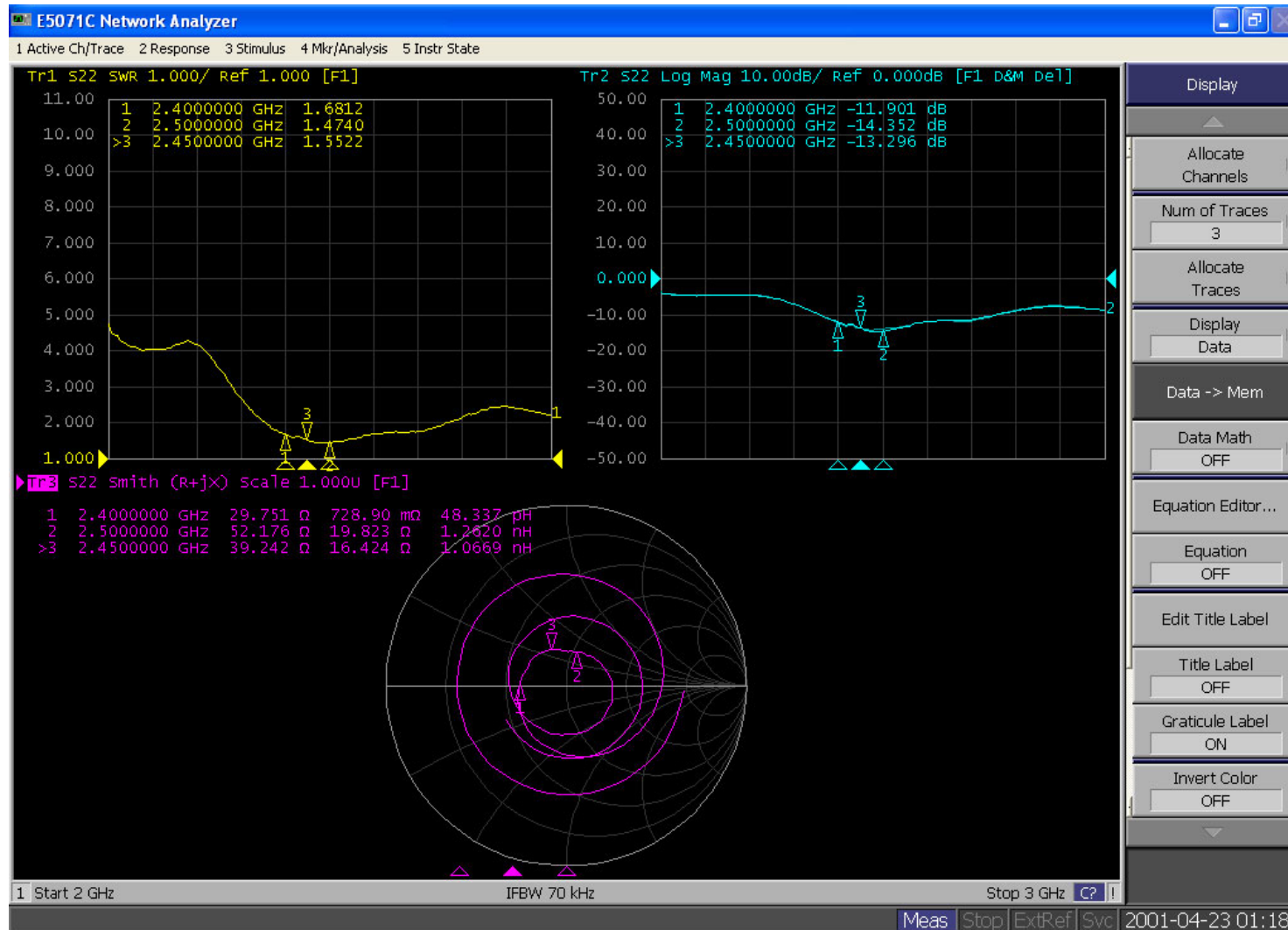
2. 1、Antenna size diagram



2.2、Packing specification

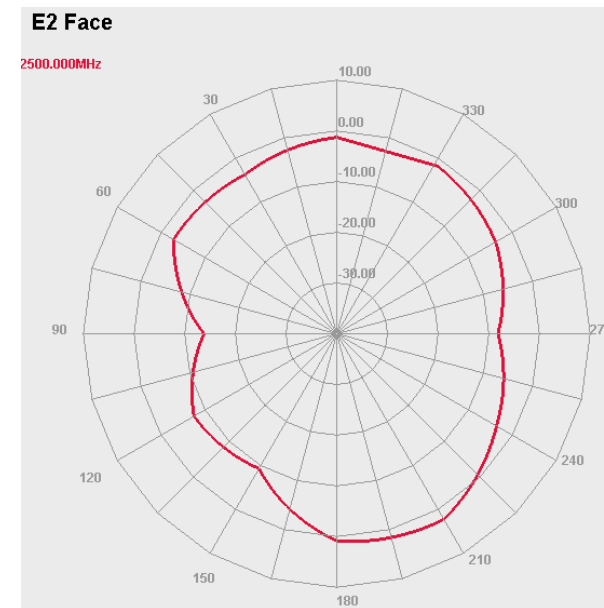
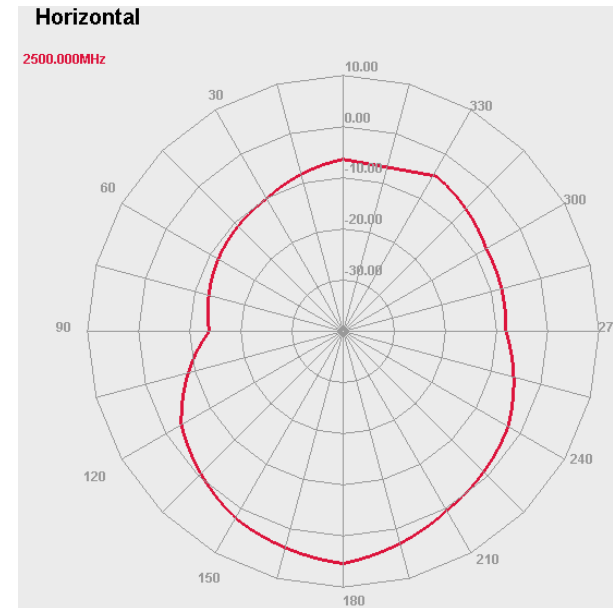
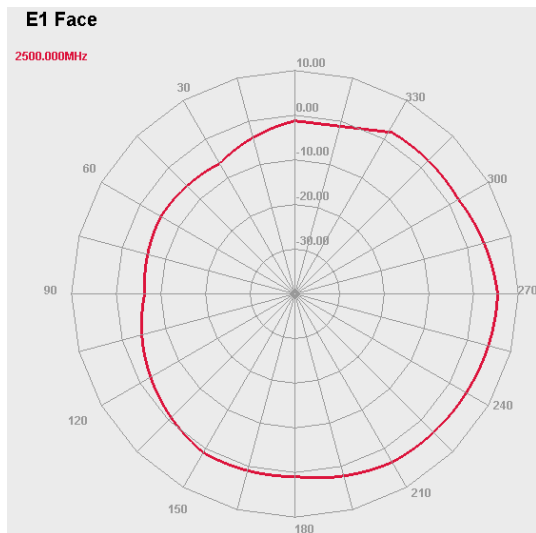
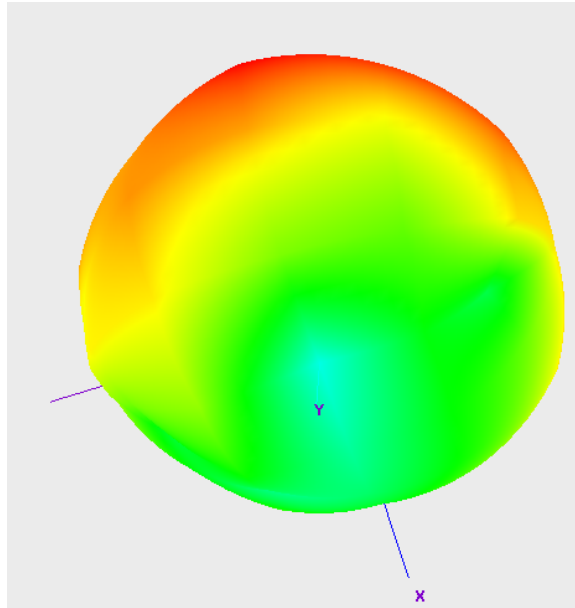
A		B		C		D		E		F		G									
Product packaging								REV DATE DESCRIPTION Change the code													
								A 2023-01-12 NEW ISSUE													
Individual product  Packing instructions of inner bag: 1. Each bag contains 100pcs of products. 2. Use a pearl-cotton bag or rubber band to fix the wire 3. Each bag should be labeled accordingly Inner bag packing  PE bag  Inner pocket tag 																					
Packing instructions for the outer box 1. RoHS label and 1pc label should be affixed to the outer box. 2. Each box contains 40 bags /4000pcs of products. packing outer box 																					
Products meet the requirements of environmental protection RoHS2.0 尺寸范围 (mm) 公差 (mm) APPROVED CHECKED DRAWING 尺寸范围 (mm) 公差 (mm) APPROVED CHECKED DRAWING																					
CUSTOMER: PART NO : PARTNAME : R.F P/NO : U00T02S0000D2 790 REV UNIT SCALE SIZE SHEET A mm 1 : 1 A4 10F1																					
RF link RenFeng Electronic technology Co., LTD.																					

Measurement data--Return Loss -BT-2.4G





BT- Maximum gain point 2500MHZ





BT-2.4G

Freq (MHz)	Effi (%)	Gain (dBi)
2400	71.99	2.89
2410	73.31	2.84
2420	80.08	2.58
2430	81.87	2.99
2440	83.56	3.22
2450	83.57	3.23
2460	83.53	3.21
2470	83.12	3.23
2480	83.25	3.31
2490	82.08	3.37
2500	79.46	3.38

六、ROHS/ Raw material list:

Meet RoHS requirements。

Serial number	Name	Material	QTY	Unit	Supplier	UL certification number
1	FPC	PI	1	pc	Junyi	/
2	1.37 Coaxial line	Tinning/FEP	1	pc	China Ocean Unicom	/
3	Terminal	Phosphor bronze	1	pc	Kexincheng	/
4	Linear sponge	Sponge T10	1	pc	Pengsheng	/