



Dongguan RF Electronic Technology Co.,Ltd
Address: No.1, Qinghutou Sankeng Road, Tangxia Town, Dongguan City

Fax: 0769-38940199

Telephone: 0769-38940168
Website: www.rflink.net.cn

PRODUCT SPECIFICATION

Product Name: 2.4GHz FPC exposed =30mm

Rf link P/N: U00T02S000N00626

Internal Structure: FPC

Rev: A

Date: 2023-02-27

	RFLNK	CUSTOMER
APPROVED:	Yao Ding Jun	
CHECKED:	Huang Chao	
MADE:	Yang Zhen	



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1.Datasheet

(Electrical Specification)			
Working Frequency (MHz)	2400-2500	System Impedance (Ω)	50
Working Bandwidth (MHz)	100	Return Loss (dB)	/
VSWR	≤ 2.0	Peak Gain (dBi)	3
Average Gain (dBi)	/	Radiation Efficiency (%)	/
Radiation Directivity	Omni-directional	Out of Roundness (dBi)	/
Polarization	Linear, Vertical	Power Capacity (w)	10
(Mechanical Specifications)			
Dimensions(mm)	22.8*22.05	Plastic Color	/
Plastic Material	/	Cable Category	$\Phi 1.13$
Radiator structure	/	Connection Type	MHF Plug
Working Temperature	-20℃~+60℃	Storage temperature	-20℃~+70℃

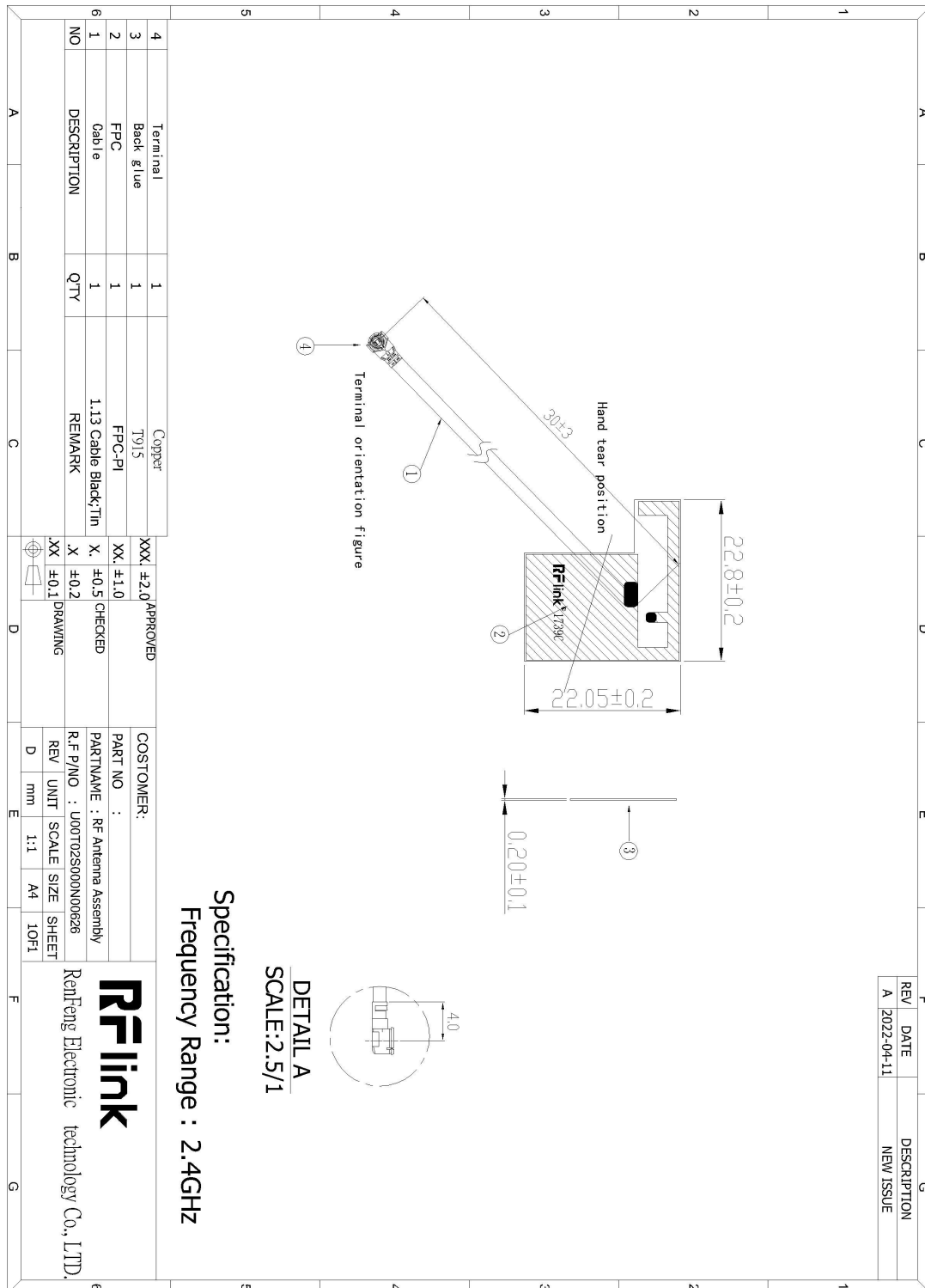
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2. Dawing

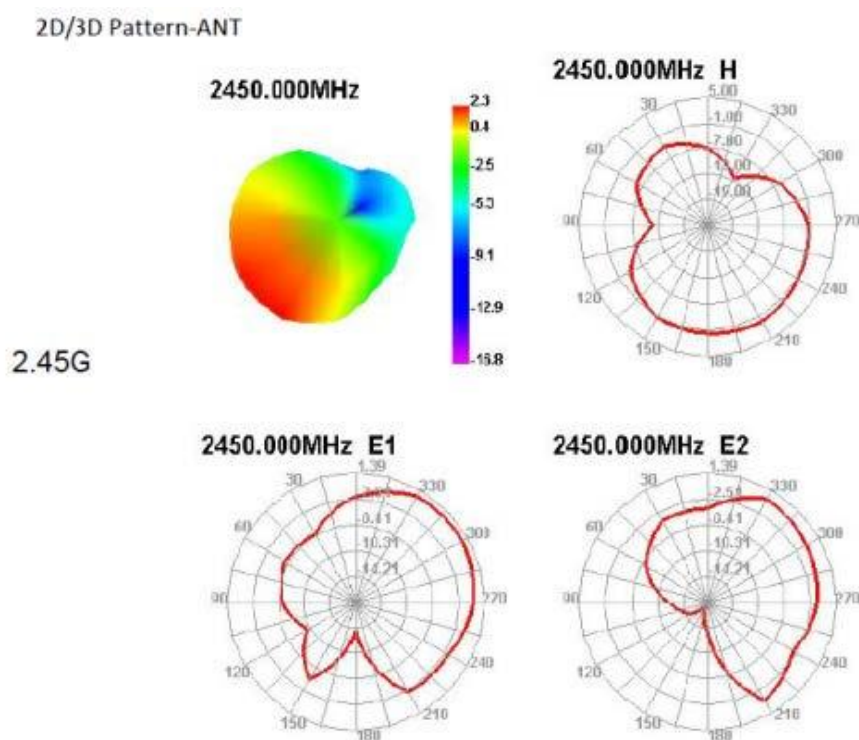


4、Testing report

4.1 Network analyzer test report



3.2: Darkroom 2D and 3D Radiation Pattern



Peak Gain/Efficiency

Frequency(MHz)	Efficiency(%)	Peak Gain(dBi)
2400	56.83	2.29
2410	57.66	2.44
2420	58.36	2.51
2430	56.83	2.26
2440	53.37	2.47
2450	56.74	2.36
2460	53.21	2.23
2470	54.78	2.72
2480	52.61	2.13
2490	53.63	2.48
2500	52.09	2.34

OTA active testing





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OTAs have active data

频段		TRP	TIS	频段		TRP	TIS
11b (11M)	CH1	17.94	-87.74	11g (54M)	CH1	17.69	-72.96
	CH7	17.33	-88.6		CH7	17.26	-72.1
	CH13	17.06	-86.58		CH13	17.71	-71.02
11n (MCS7)	CH1	17.05	-71.25				
	CH7	17.03	-71.13				
	CH13	16.82	-70.85				

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