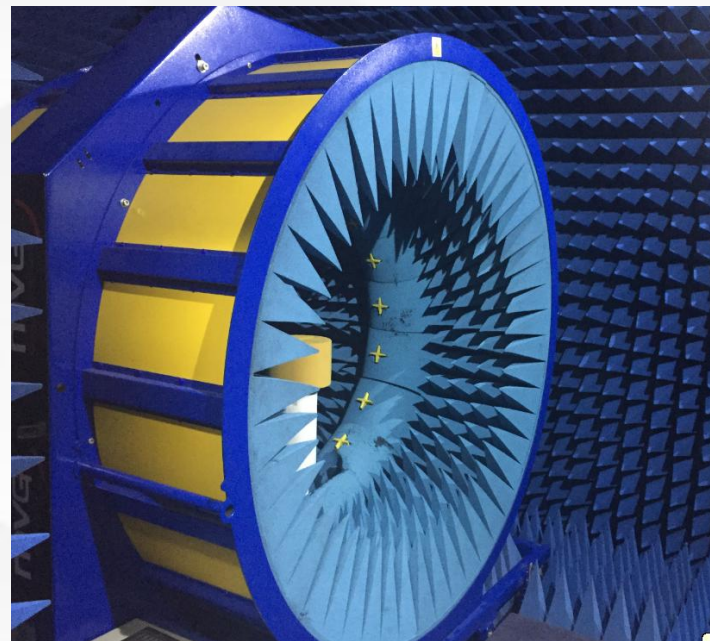


Antenna test repor

Client:zhouhai
Project name:H012
RF:PangGong
Date:2023.06.06
Version:V0.1

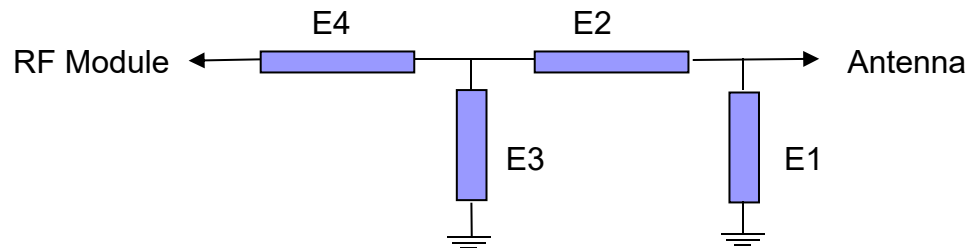
Laboratory testing environment and equipment



Test items	Test equipment
S11、S12 、 VSWR 、 LOSS	network analyzer E5071B、 E5062A
Efficiency、 Gain 3D Radiation Pattern	Satimo SG16darkroom、 GP7*4*3darkroom、 E5071B
TRP、 TIS	Satimo SG16darkroom、 GP7*4*3darkroom、 8960 、 CMW500、 MT8820C、 E4438C、

Type of complete machine	Adult bracelet				
		Frequency band information	antenna form	Matching	Gain (dBi)
Antenna type and frequency band information	antenna	2400-2480M	IFA	NA	-3.46
Antenna material	FPC				

Suggested Matching Circuit



main	Element	Value	Description of attached drawings
	E1(0201)		
	E2(0201)	0Ω	
	E3(0201)		

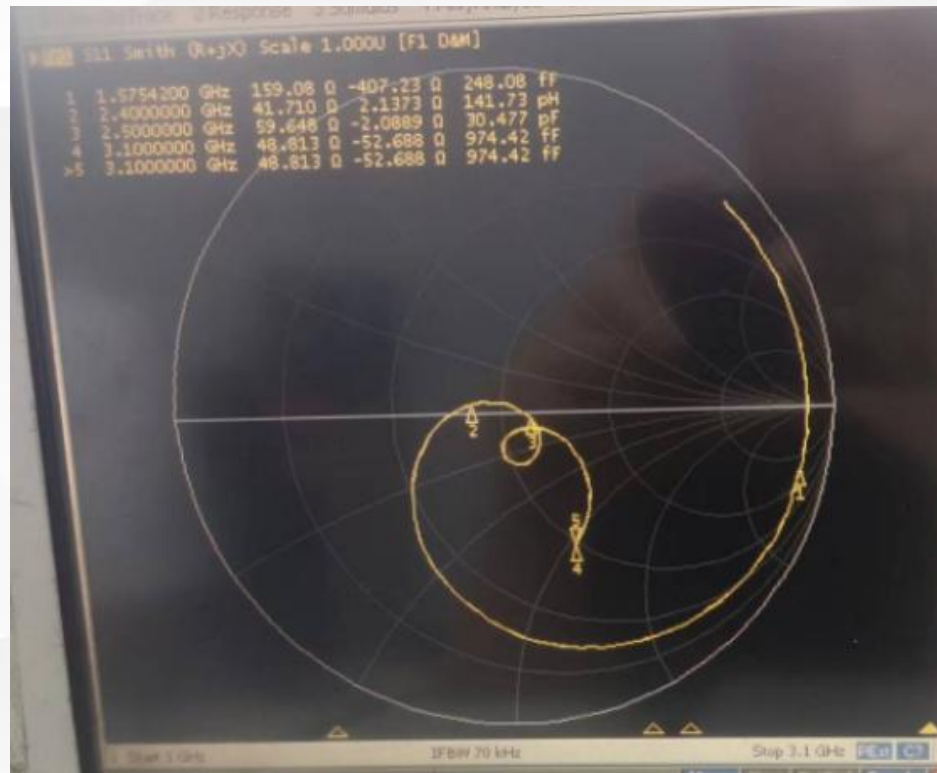
S11



S11



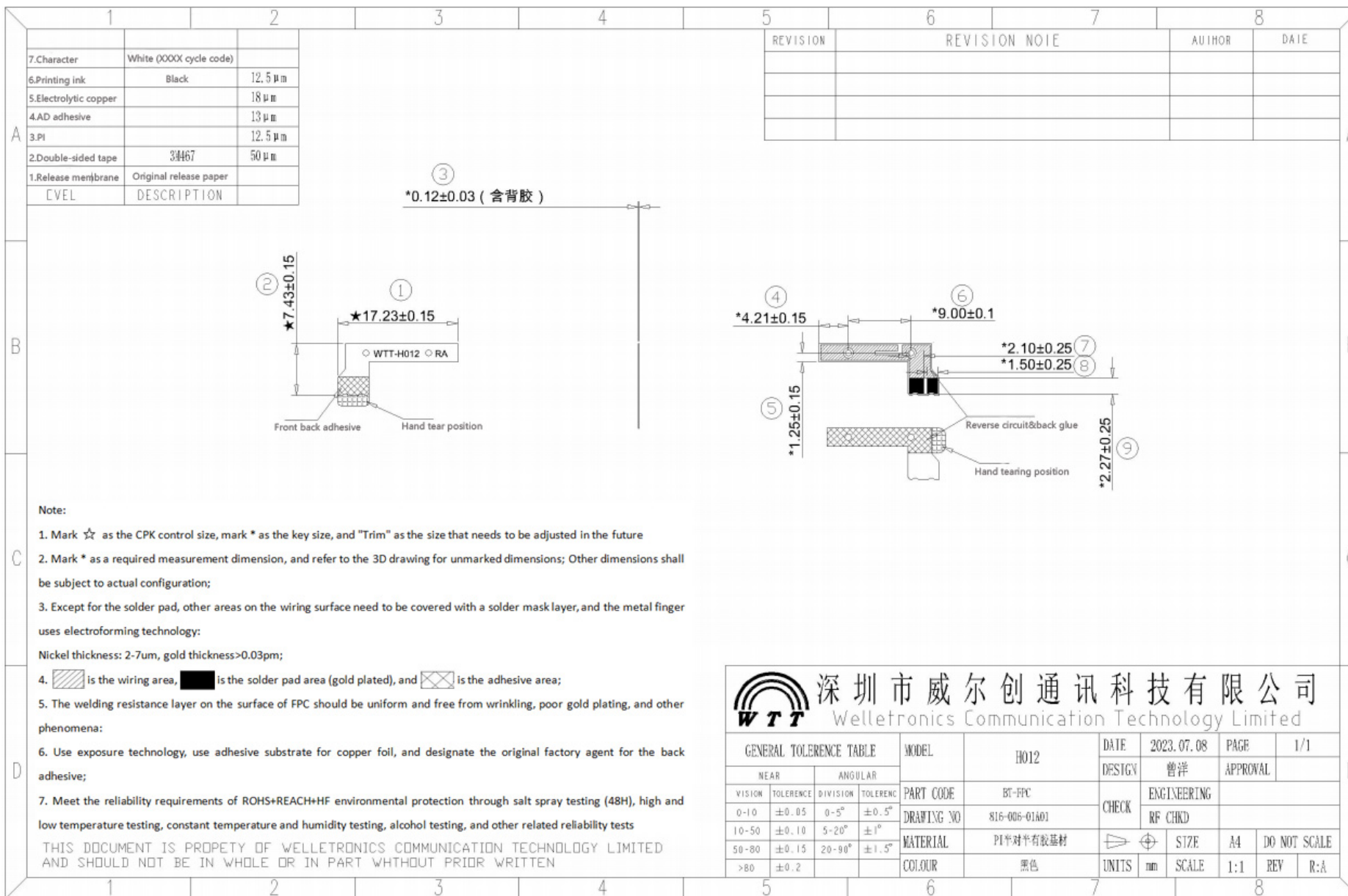
S11



Antenna Structure



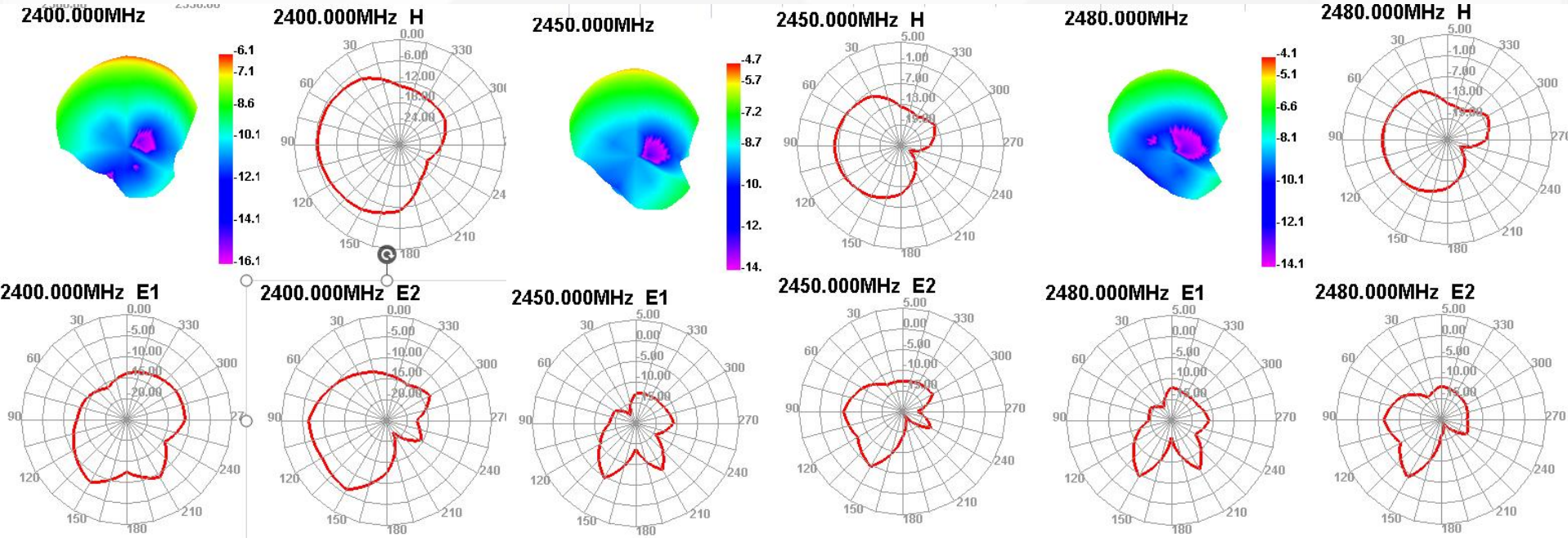
Figure antenna structure



Passive Efficiency

Passive Test For WIFI2.4			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	8.23	-10.85	-3.46
2410	8.46	10.73	-5.22
2420	8.05	-10.94	-5.97
2430	8.45	-10.73	-5.49
2440	9.34	-10.29	-4.89
2450	9.46	-10.24	-4.68
2460	9.42	-10.26	-4.51
2470	8.84	-10.53	-4.49
2480	9.12	-10.4	-4.1
2490	9.18	-10.37	-3.63
2500	9.38	-10.28	-3.29

Radiation Pattern



Contact Information

RF : Pang Gong

Tel : 13819148423

E-mail : kpsyana3@szkpstx.com

Supplier address: 2nd Floor, Building 1, Yulong Building, Longcheng Industrial Zone, No.440, Longguan Avenue, Longhua District, Shenzhen