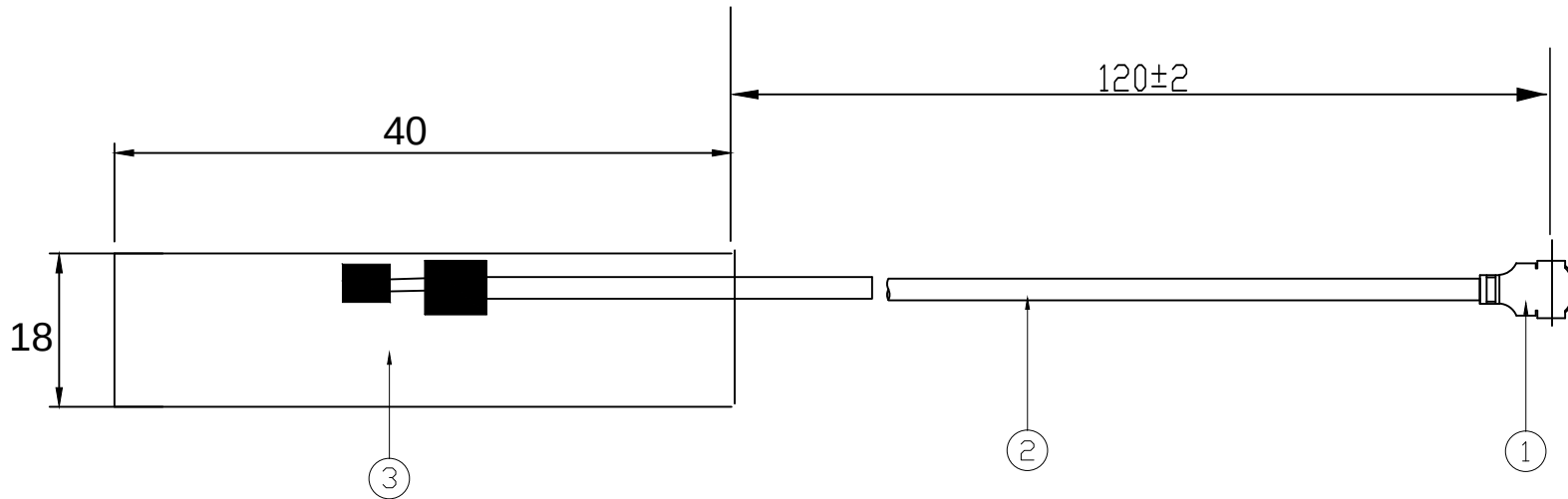


承认书项目表

NO.	内 容 (Contents)	页数 (Number of Page)	页码 (Page Code)
1	承认书封面 (Spec Cover)	1	1
2	承认书项目表 (Spec Item)	1	2
3	工程成品图 (Drawing)	1	3
4	电性测试报告 (Test Reports)	1	4
5	S 参数测试 (S Parameter)	1	5
6			
7			
8			
9			
10	-	-	-
11	-	-	-
12	-	-	-

SIGN	DATE	DESCRIPTION	APPROVER
△			
△			
△			



- Note:
- 1.Take" * "is the important dimension.
 - 2.Tolerance:Unmarked tolerance refer to the standard tolerance please.
 - 3.Pull Strength of the connector must be >/=1.0kg.
 - 4.Note Connector orientation.

3	FG4018	FPCB	PI FPCB 40*18m	1
2	R-CB-113B	Cable	O.D. 1.13mm Black	1
1	CI-113	Connector	Mini Connector	1
No.	Part Number	Name	Material	Q'ty

东莞脉讯电子有限公司 TITLE: ANTENNA PART NO.: FG4018-113B-120IX DWG NAME:FG4018-113B-120IX.DWG APPROVED BY CHECKED BY DESIDNED BY Tolerance jeff 2021-12-22 leon 2021-12-22 YD 2021-12-22 UNITS: mm SCALE: 1/1 REVISION: A X.X №.20 X.XX №.10 XA №A				
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电性测试报告

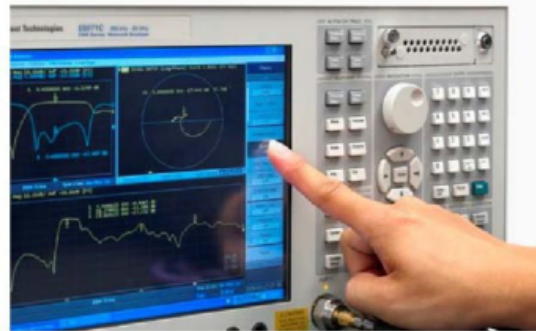
Test Reports

Electrical Properties	
Frequency	2400 ~ 2500 MHz 4900 ~ 5900MHz
Impedance	50 Ohm
V.S.W.R	≤ 2.5
Radiation	Omni-directional
Gain (Peak)	3.36
Polarization	Linear
Admitted Power	1 W
Connector	MiniConnector
Physical Properties	
Antenna Material	FPCB
Cable Type	O.D. 1.13mm // 120 mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C

S 参数测试

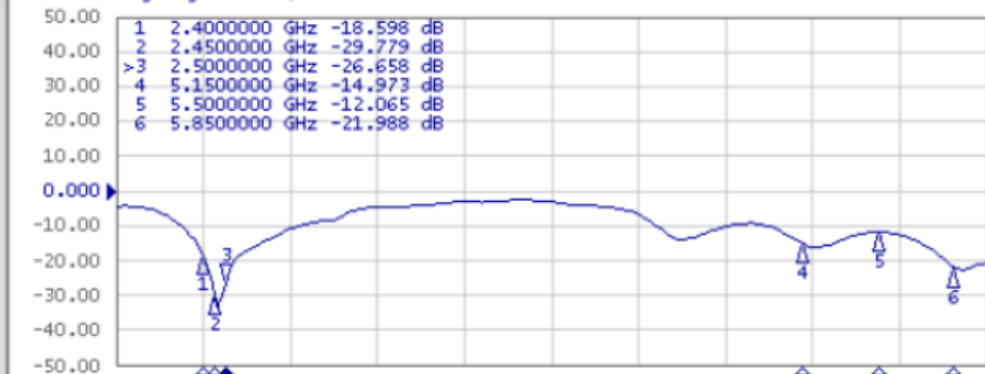
S Parameter Test

Agilent E5071C

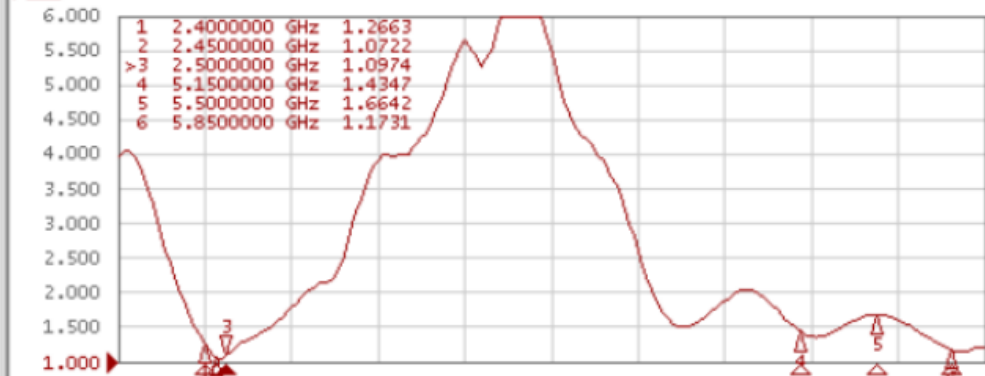


1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

Tr1 S44 Log Mag 10.00dB/ Ref 0.000dB



Tr2 S44 SWR 500.0m/ Ref 1.000



1 Start 2 GHz

IFBW 70 kHz

Stop 6 GHz

Trigger

Hold

Single

Continuous

Hold
All Channels

Continuous
Disp Channels

Trigger Source
Internal

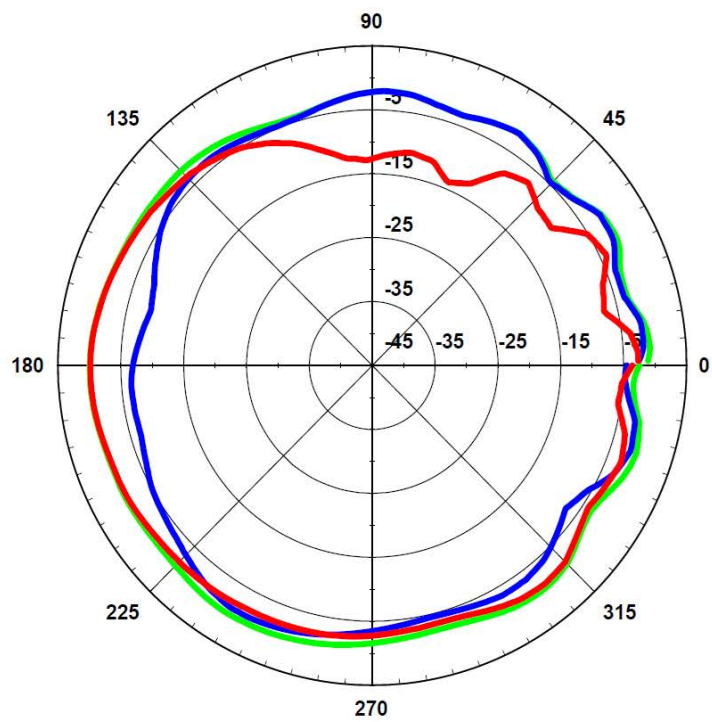
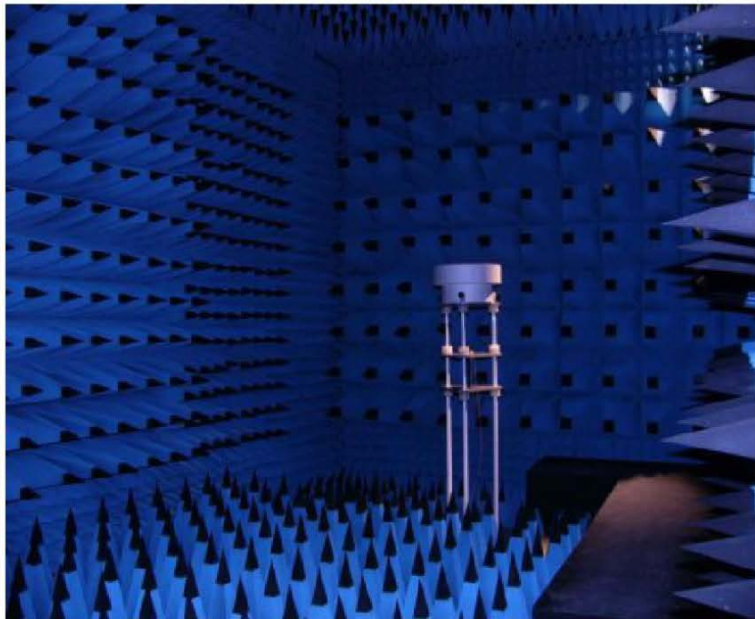
Trigger Event
On Sweep

Trigger Scope
All Channel

Restart

Gain Test

*Antenna
Radiation
Pattern
VS
Gain*



	B	C	D
	2.4GHz & 5GHz Antenna Performance Data		
	Frequency (MHz)	Efficiency (%)	Gain (dBi)
	2410	52.32	3.13
	2420	53.63	3.21
	2430	53.98	3.23
	2440	55.62	3.33
	2450	56.23	3.36
	2460	56.12	3.36
	2470	55.87	3.34
	2480	55.13	3.30
	2490	53.68	3.21
	2500	52.33	3.13
	5150	37.62	2.25
	5200	36.23	2.17
	5250	36.16	2.16
	5300	36.12	2.16
	5350	36.13	2.16
	5400	36.16	2.16
	5450	36.12	2.16
	5500	36.22	2.17
	5550	36.19	2.16
	5600	36.23	2.17
	5650	36.32	2.17
	5700	36.15	2.16
	5750	36.19	2.16
	5800	36.17	2.16
	5850	36.21	2.17