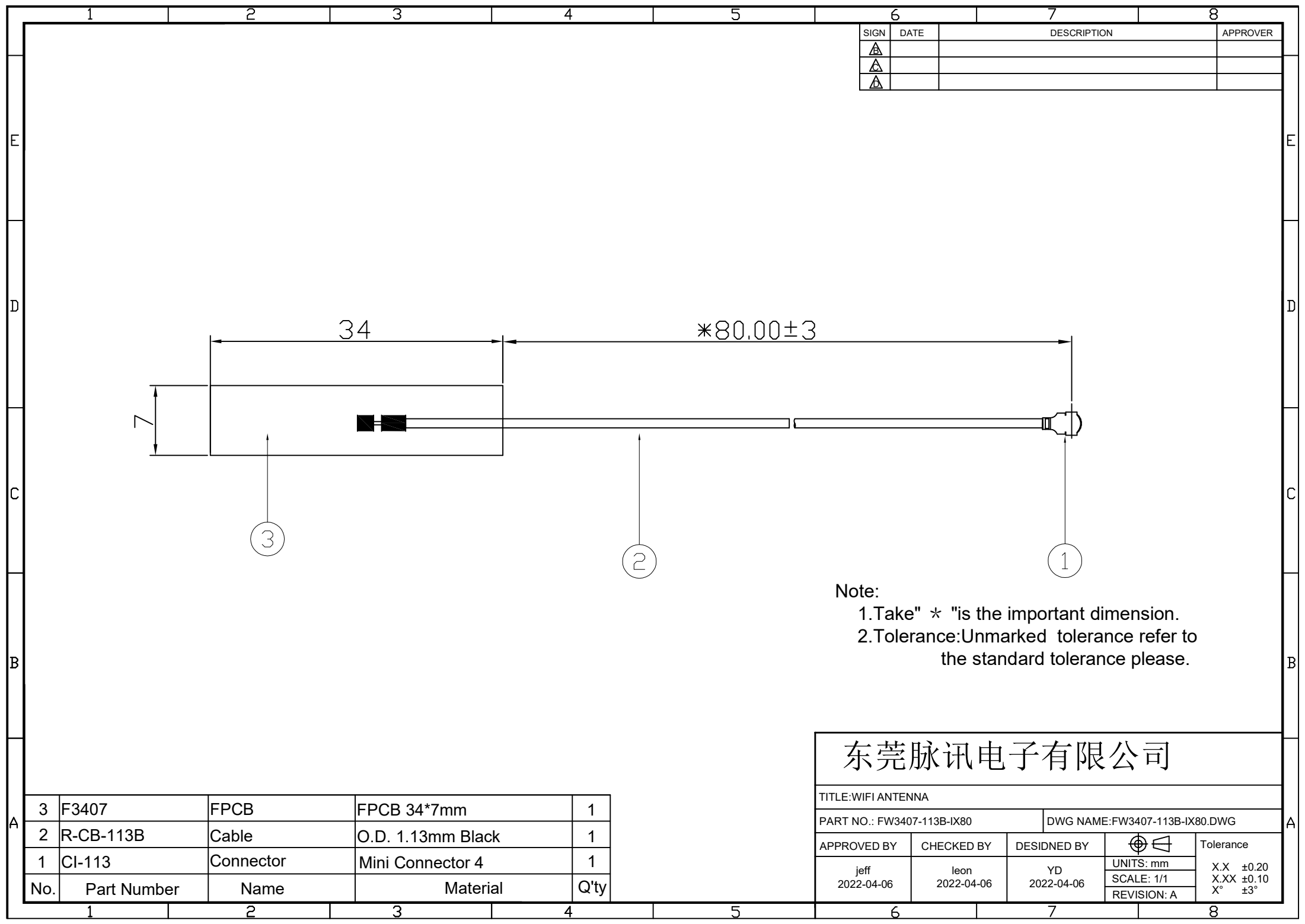


承认书项目表

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
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5	S 参数测试 (S Parameter)	1	5
6	增益测试 (Gain Test)	1	6
7	Antenna Efficiency and Gain	1	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	F3407	FPCB	FPCB 34*7mm	1
2	R-CB-113B	Cable	O.D. 1.13mm Black	1
1	CI-113	Connector	Mini Connector 4	1
No.	Part Number	Name	Material	Q'ty

东莞脉讯电子有限公司				
TITLE:WIFI ANTENNA				
PART NO.: FW3407-113B-IX80			DWG NAME:FW3407-113B-IX80.DWG	
APPROVED BY	CHECKED BY	DESIGNED BY		Tolerance
jeff 2022-04-06	leon 2022-04-06	YD 2022-04-06	UNITS: mm	X.X ±0.20
			SCALE: 1/1	X.XX ±0.10
			REVISION: A	X° ±3°

电性测试报告

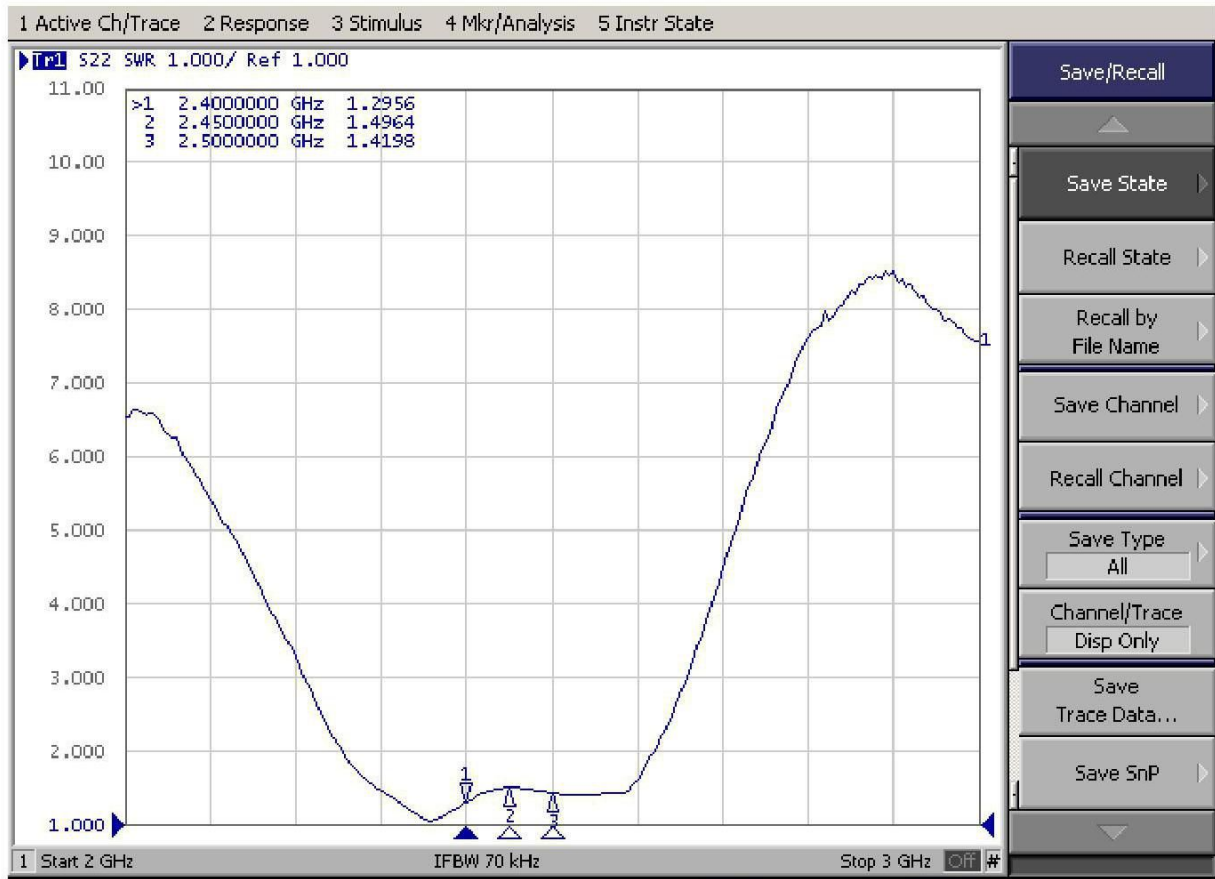
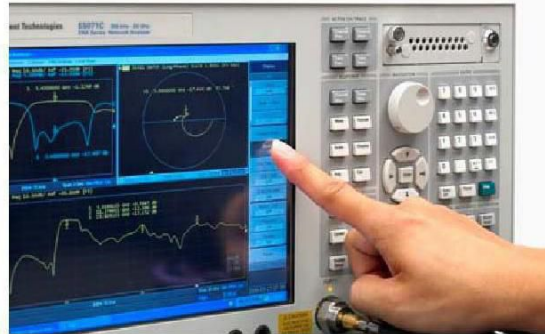
Test Reports

Sample Photo	
A. Electrical Characteristics	
Frequency	2400 ~ 2500 MHz
S.W.R.	<= 2.0 @ 2400 ~ 2500 MHz
Antenna Gain	3.0dBi
Impedance	50 Ohm Nominal
Return Loss	-10 dB Max
Radiation	Omni-directional
Cable Loss	2.0 dB / m Max @ 2000 MHz
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	Mini□ Connector 4
Physical Properties	
Antenna Material	FPCB
Cable Type	O.D. 1.13mm // 80 mm
Operating Temp.	-30 ~ +60 °C
Storage Temp.	-35 ~ +70 °C

S 参数测试

S Parameter Test

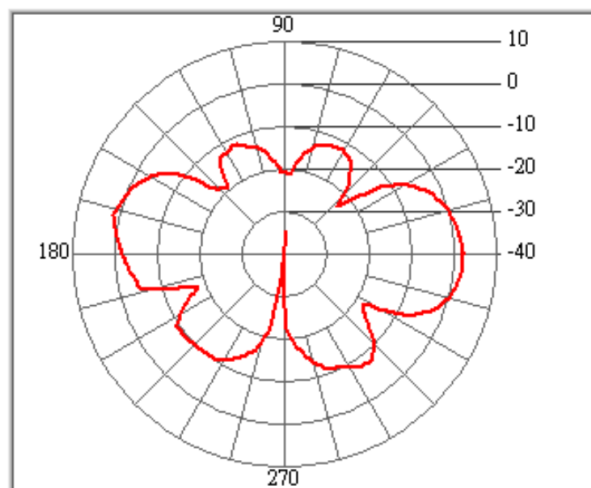
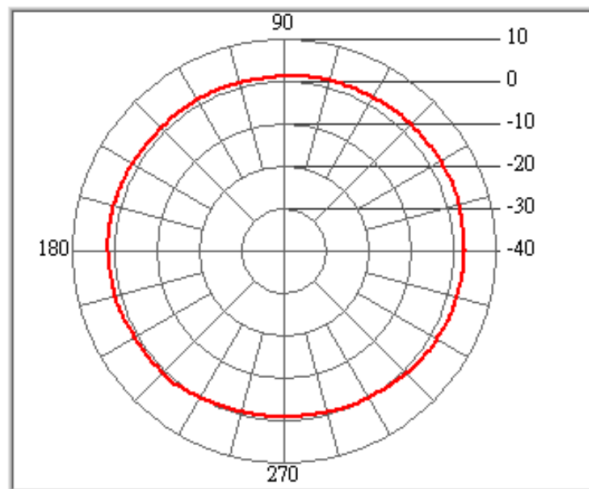
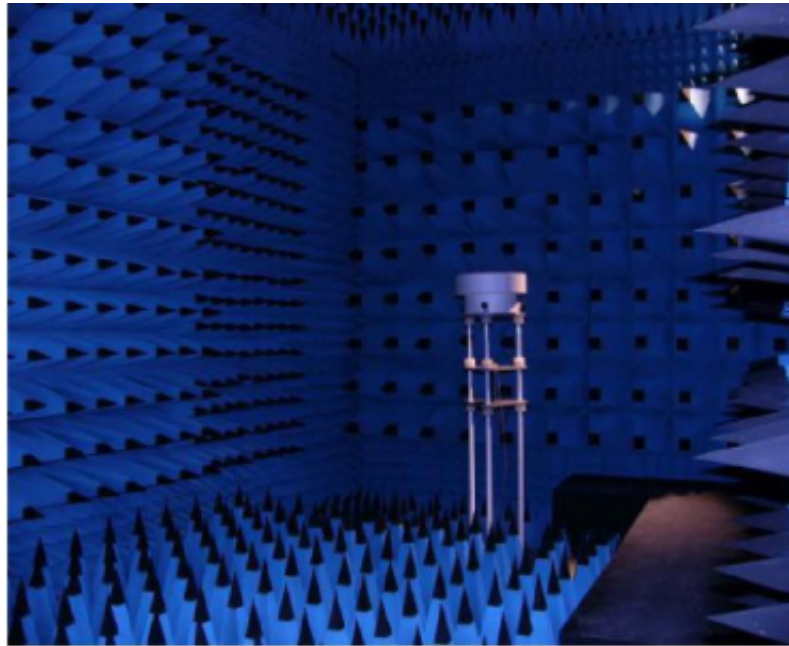
Agilent E5071C



增益测试

Gain Test

*Antenna
Radiation
Pattern
VS
Gain*



Antenna Efficiency and Gain

*Antenna
Efficiency
and Gain*

Frequency (MHz)	Gain (dBi)
2400	2.71
2410	2.97
2420	3.00
2430	2.80
2440	2.85
2450	2.92
2460	2.90
2470	2.71
2480	2.74
2490	2.74
2500	2.73