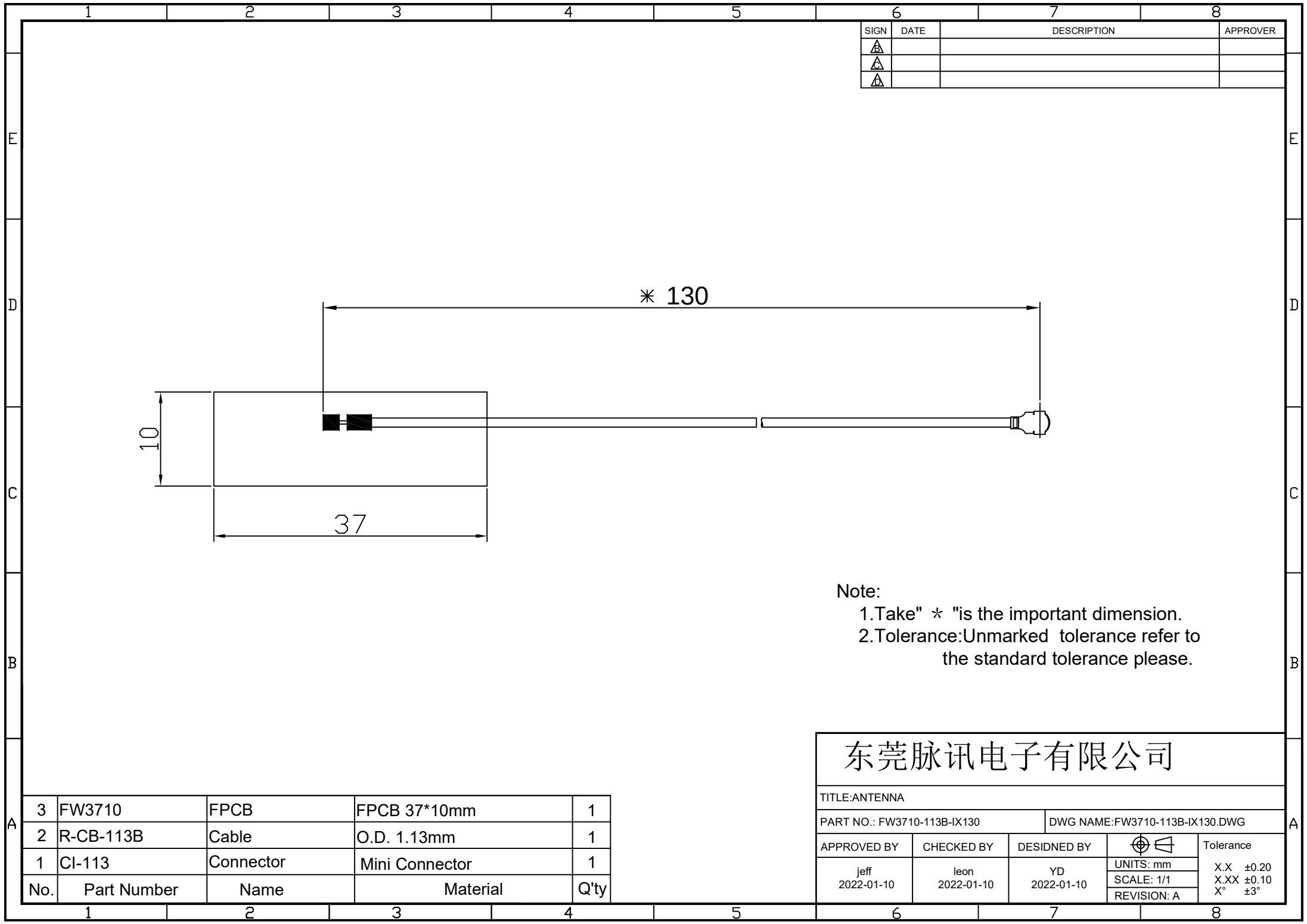


Project Confirmation Letter

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	增益测试 (Gain Test)	1	6
7			
8			
9			
10	-	-	-
11	-	-	-
12	-	-	-



电性测试报告

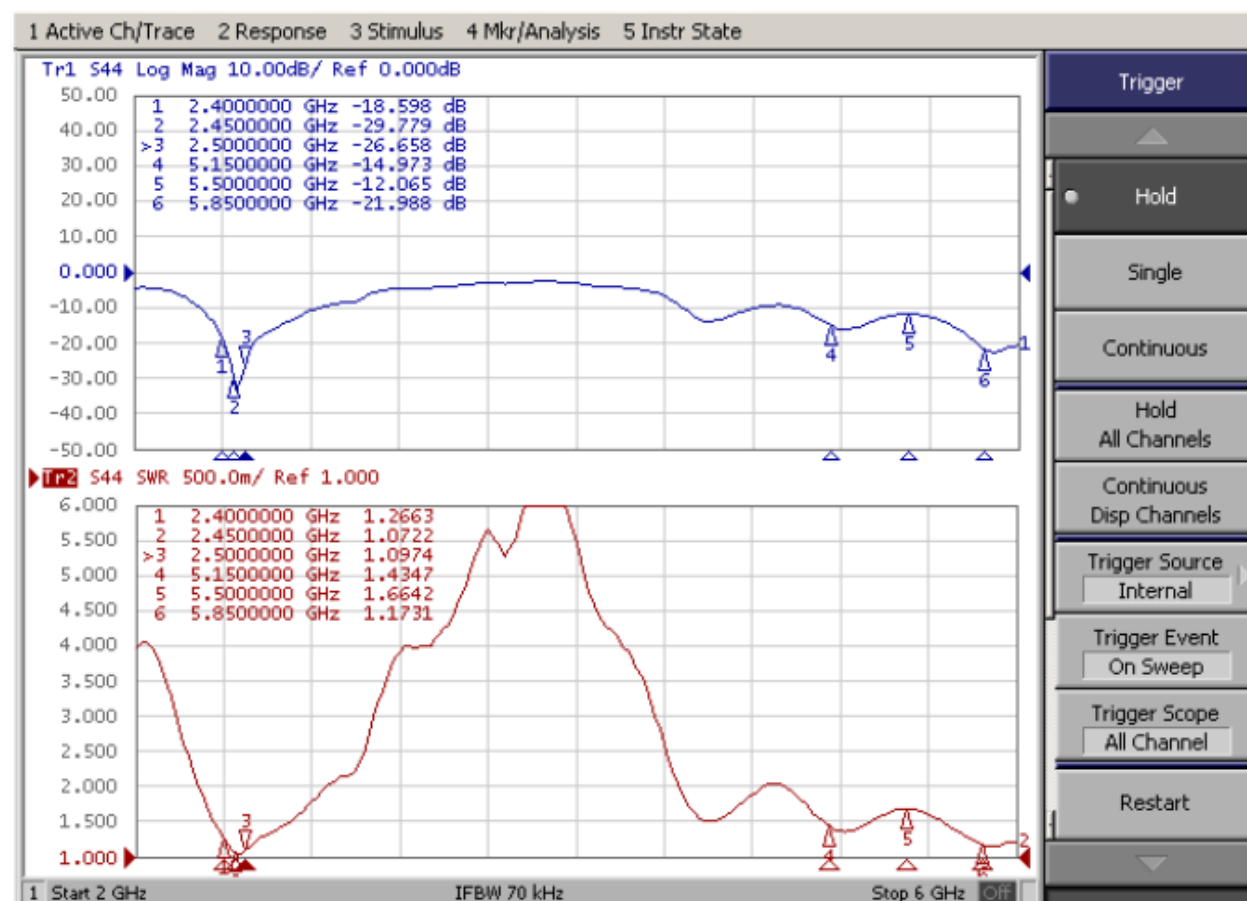
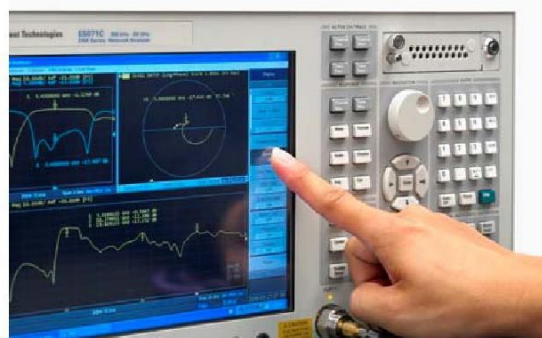
Test Reports

Sample Photo	
A. Electrical Characteristics	
Frequency	2400 ~ 2500MHz4900 ~ 5900MHz
S.W.R.	<= 2.5
Antenna Gain	4.0 ± 0.7dBi
Impedance	50 Ohm Nominal
Return Loss	-10 dB Max
Radiation	Omni-directional
Cable Loss	4.9 dB / m Max @ 5000 MHz
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	13
Physical Properties	
Antenna Material	FPCB
Cable Type	O.D. 1.13mm // 130 mm
Operating Temp.	-35 ~ +60 °C
Storage Temp.	-35 ~ +70 °C

S 参数测试

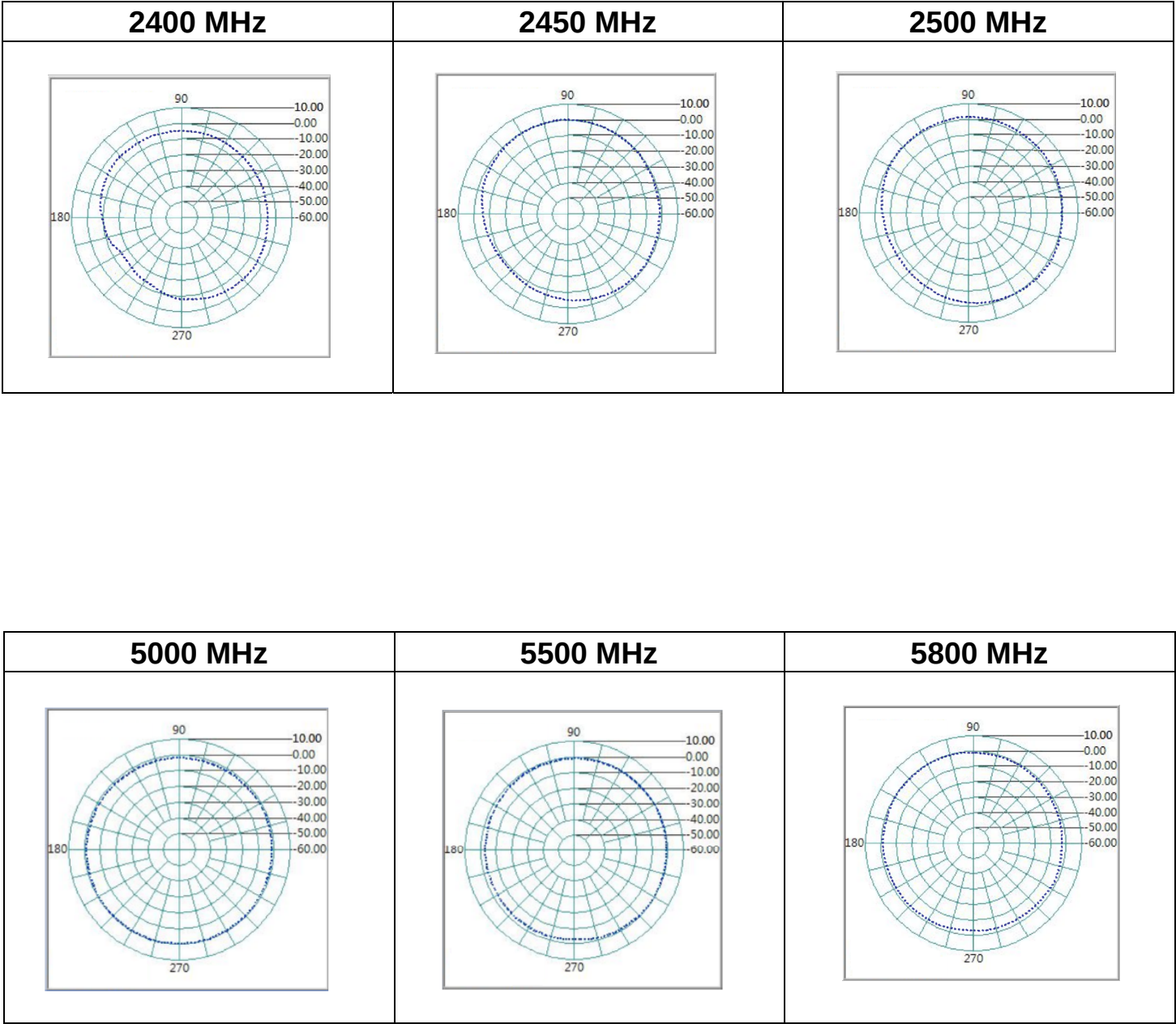
S Parameter Test

Agilent E5071C



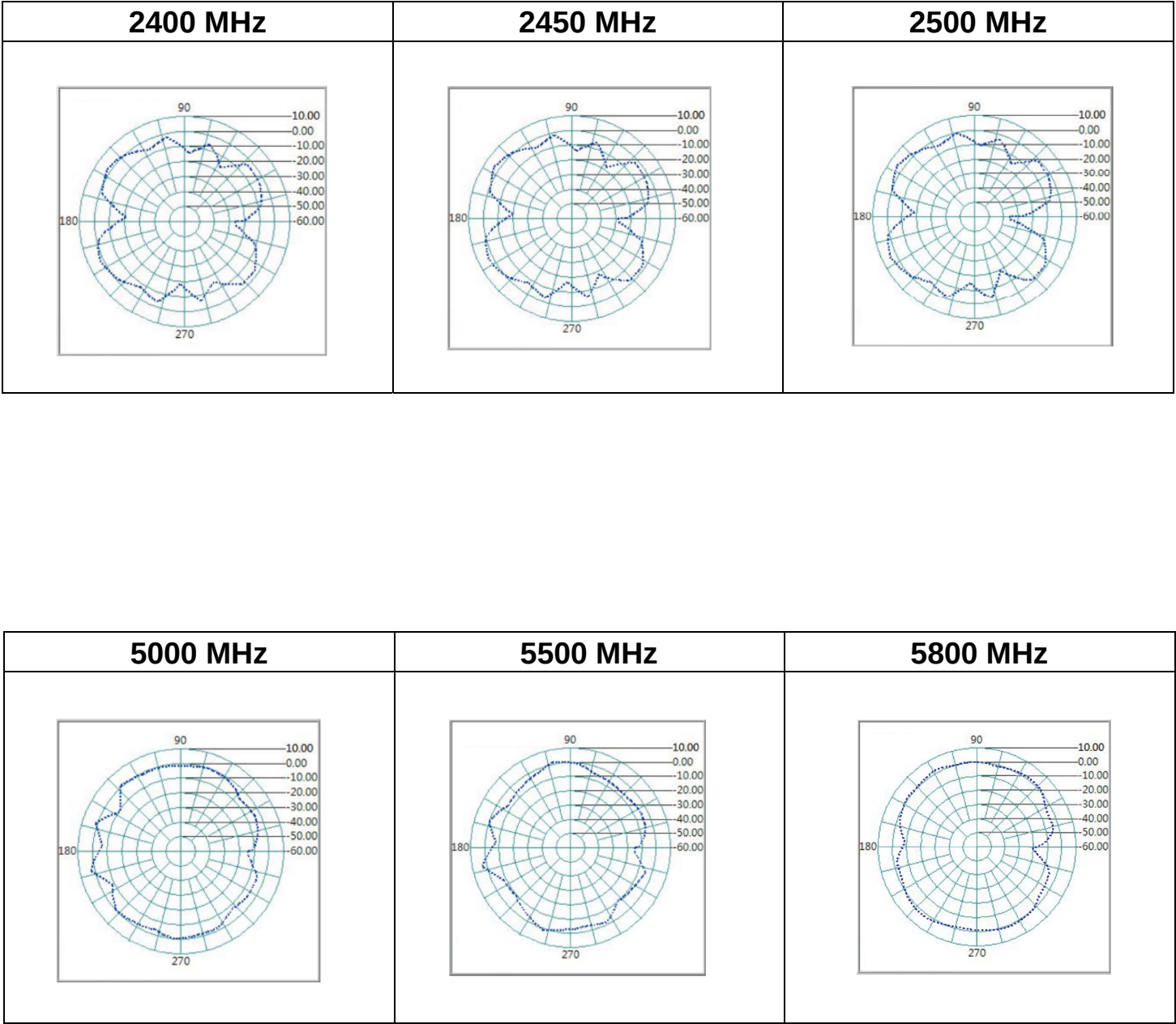
Product Name: Antenna

5. Antenna - Radiation Pattern Test Data
XY-PLANE



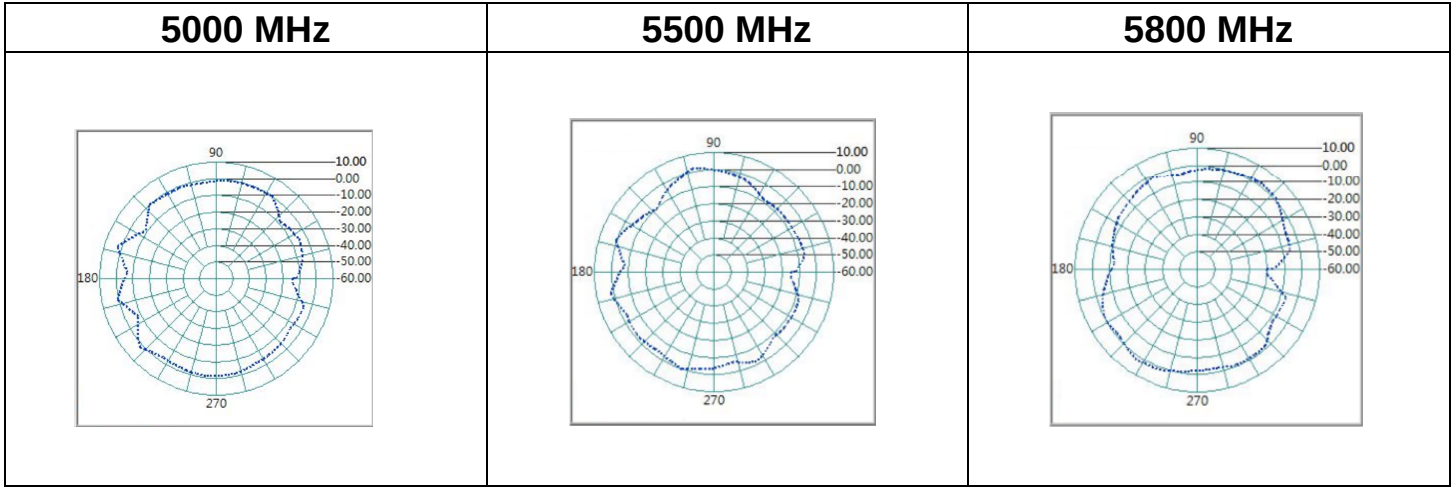
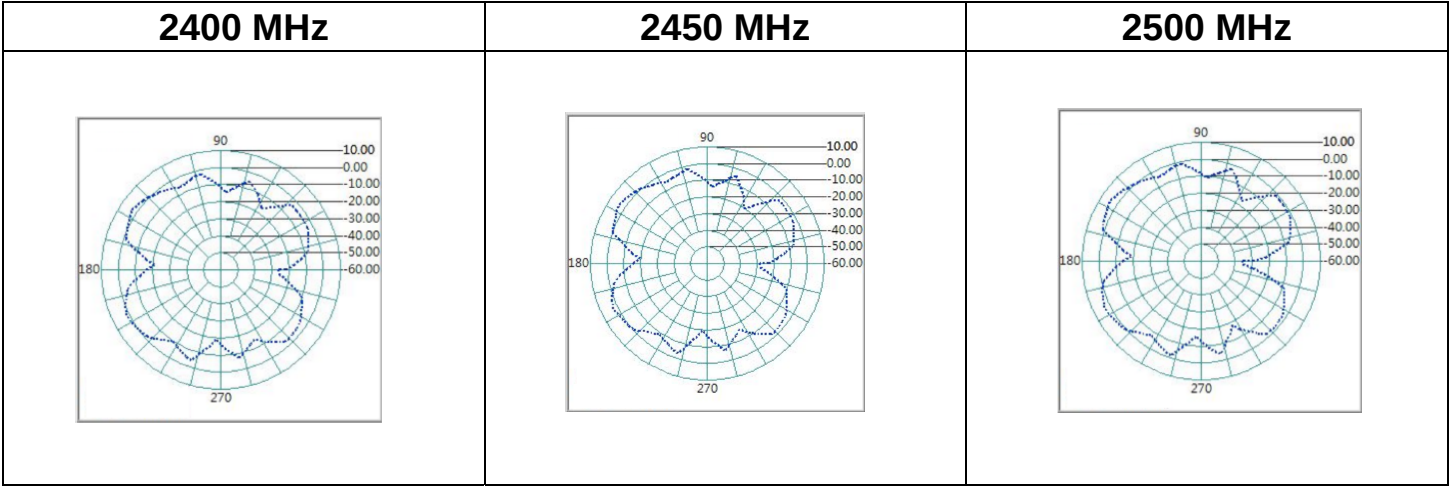
Product Name: Antenna

5. Antenna - Radiation Pattern Test Data
XZ-PLANE



Product Name: Antenna

5. Antenna - Radiation Pattern Test Data
YZ-PLANE

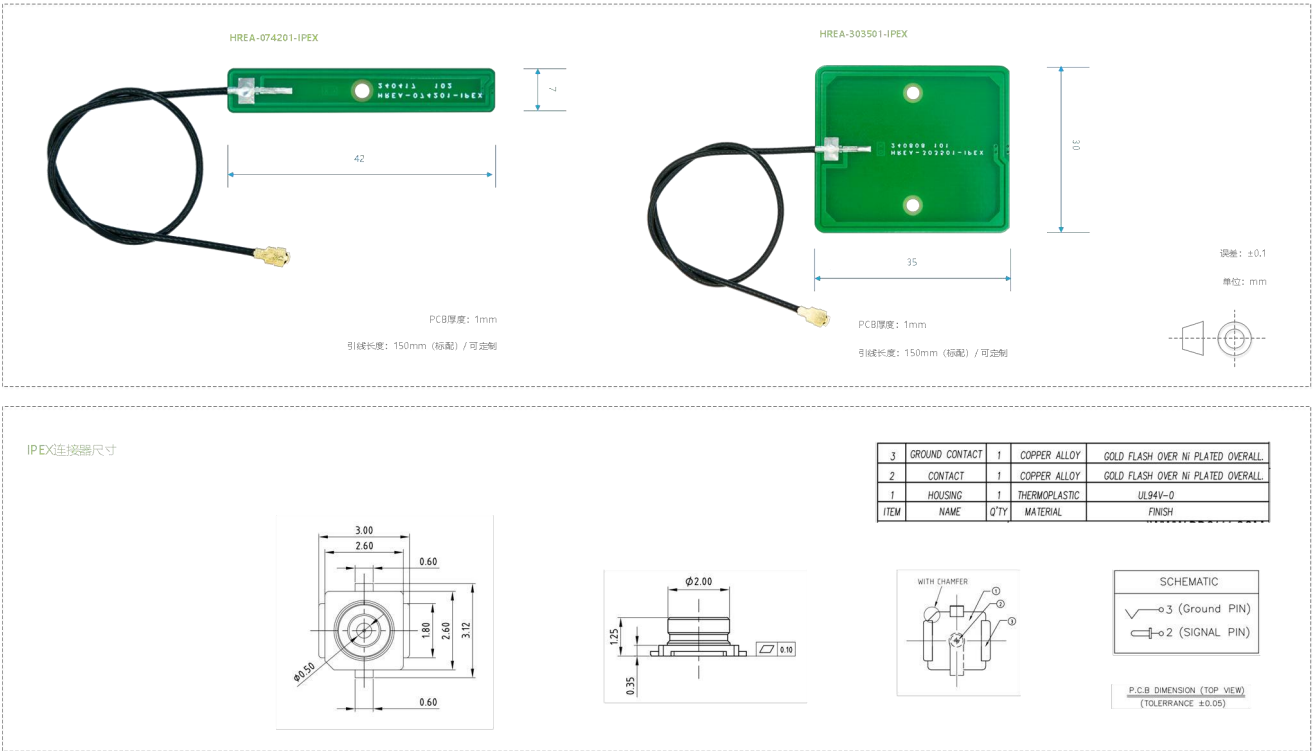


Frequency	2400	2450	2500	5000	5500	5800
Peak Gain(dbi)	3. 41	3. 72	3. 89	2. 64	2. 97	2. 34

Antenna Specifications

Antenna frequency band and switching logic

Mode	frequency
NFC	13.56 MHz



We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required.

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