

Project Confirmation Letter

承认书项目表

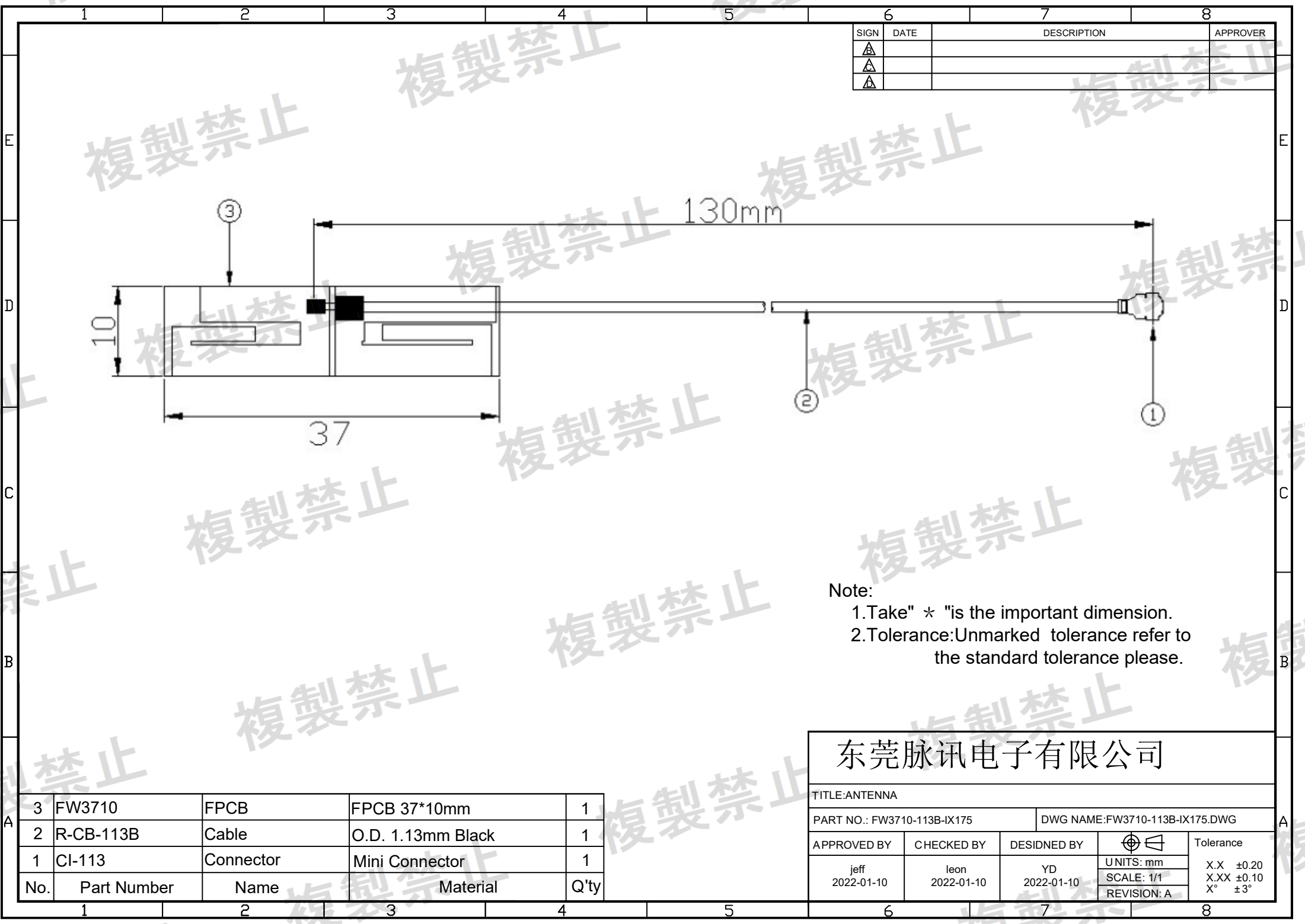
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东莞市脉讯电子有限公司

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Dongguan Meixun Electronics Co., Ltd

405, 4th Floor, No. 6 Qilin East Road, Daning Community, Humen Town, Dongguan City



SIGN	DATE	DESCRIPTION	APPROVER
△			
△			
△			

Note:
1.Take" * "is the important dimension.
2.Tolerance:Unmarked tolerance refer to the standard tolerance please.

3	FW3710	FPCB	FPCB 37*10mm	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.: FW3710-113B-IX175			DWG NAME:FW3710-113B-IX175.DWG	
APPROVED BY	CHECKED BY	DESIGNED BY		Tolerance
jeff 2022-01-10	leon 2022-01-10	YD 2022-01-10	UNITS: mm	X.X ±0.20
			SCALE: 1/1	X.XX ±0.10
			REVISION: A	X° ±3°

电性测试报告

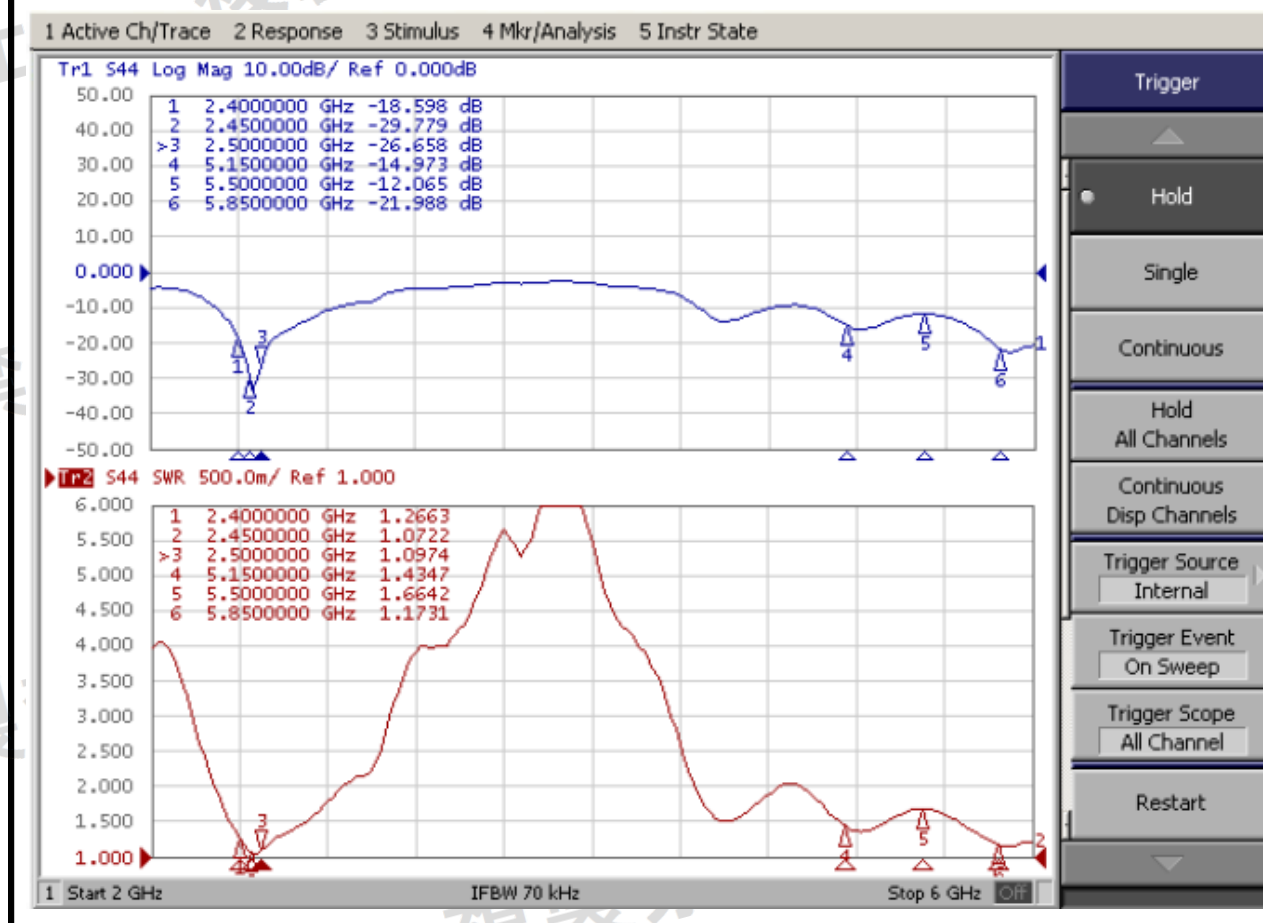
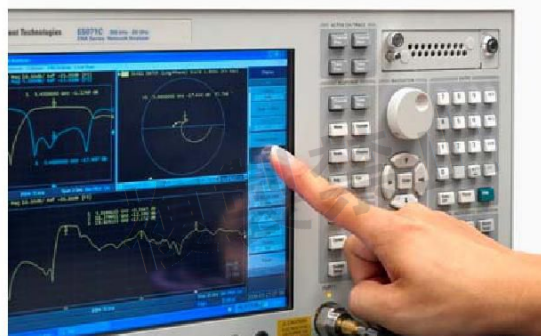
Test Reports

Sample Photo	
A. Electrical Characteristics	
Frequency	2400 ~ 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



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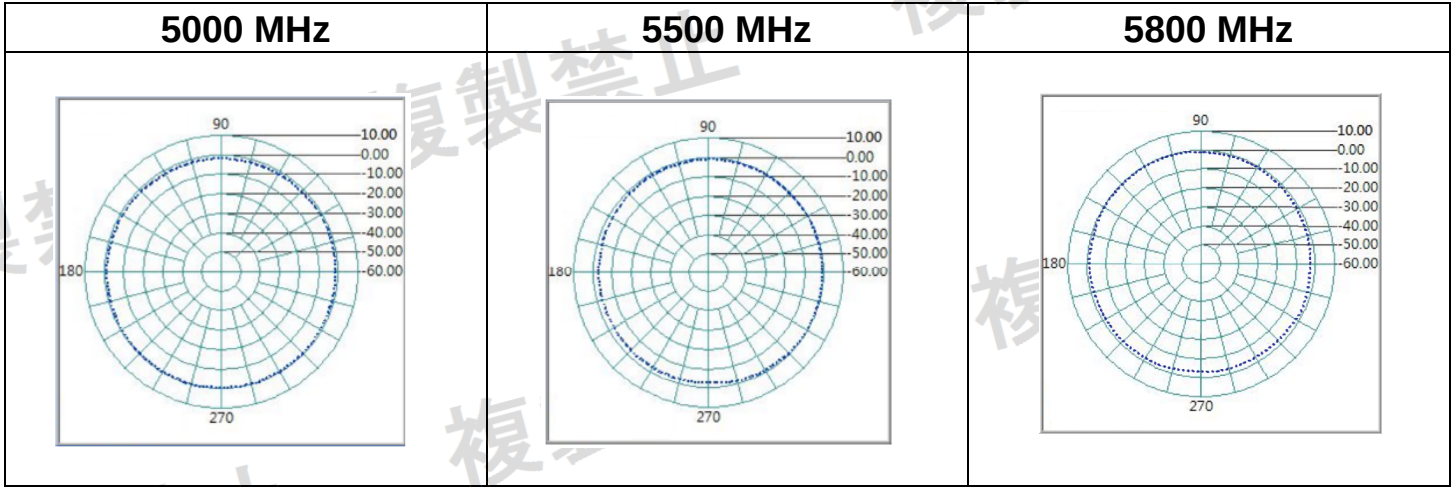
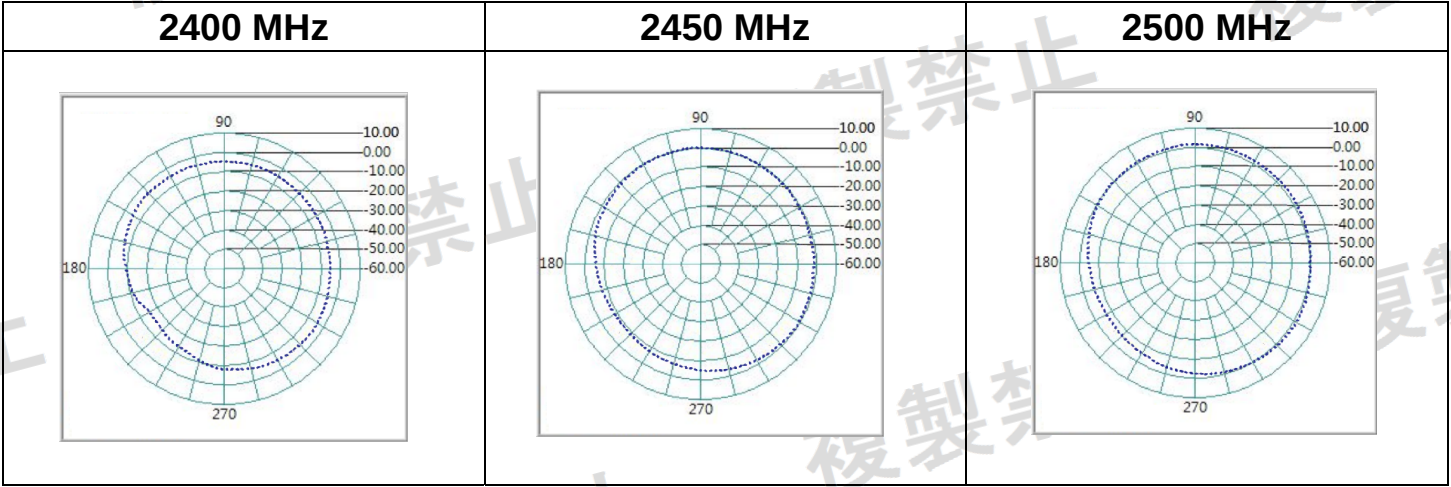
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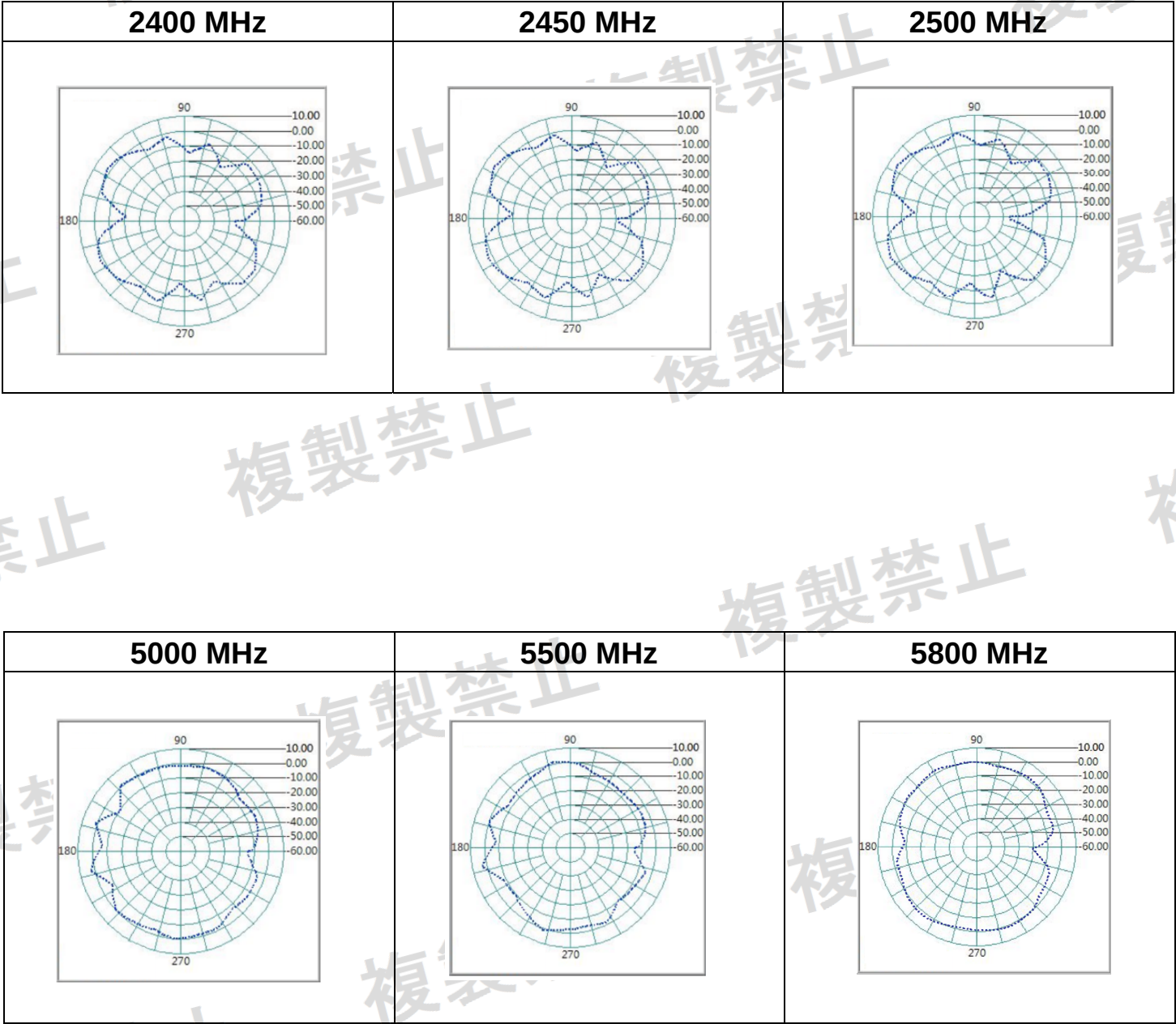
Product Name: Antenna

5. Antenna - Radiation Pattern Test Data
XY-PLANE



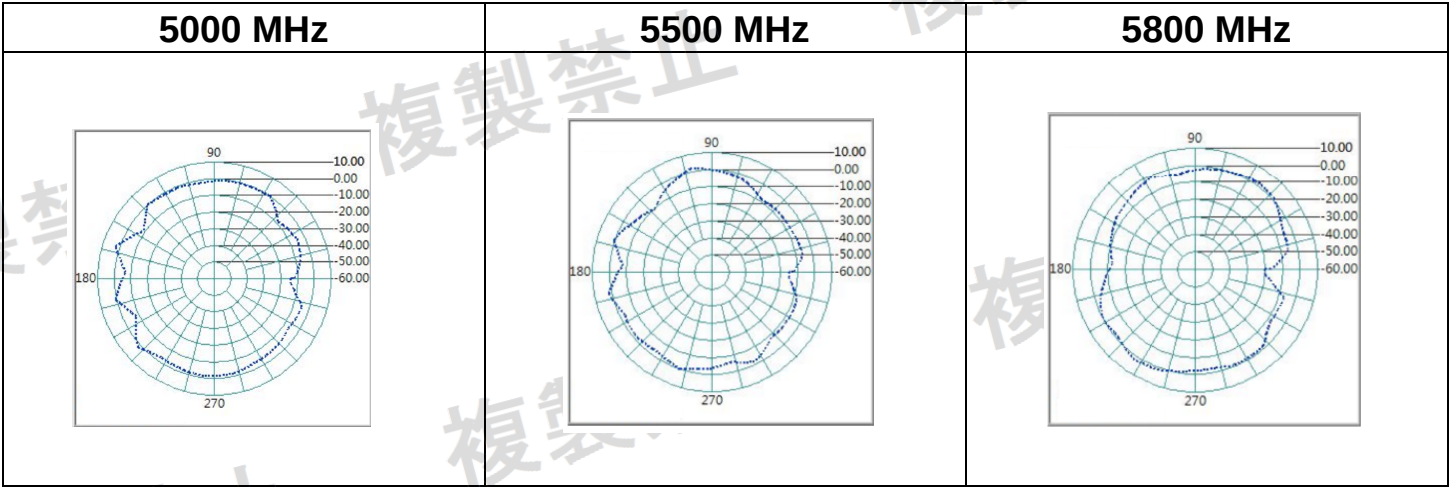
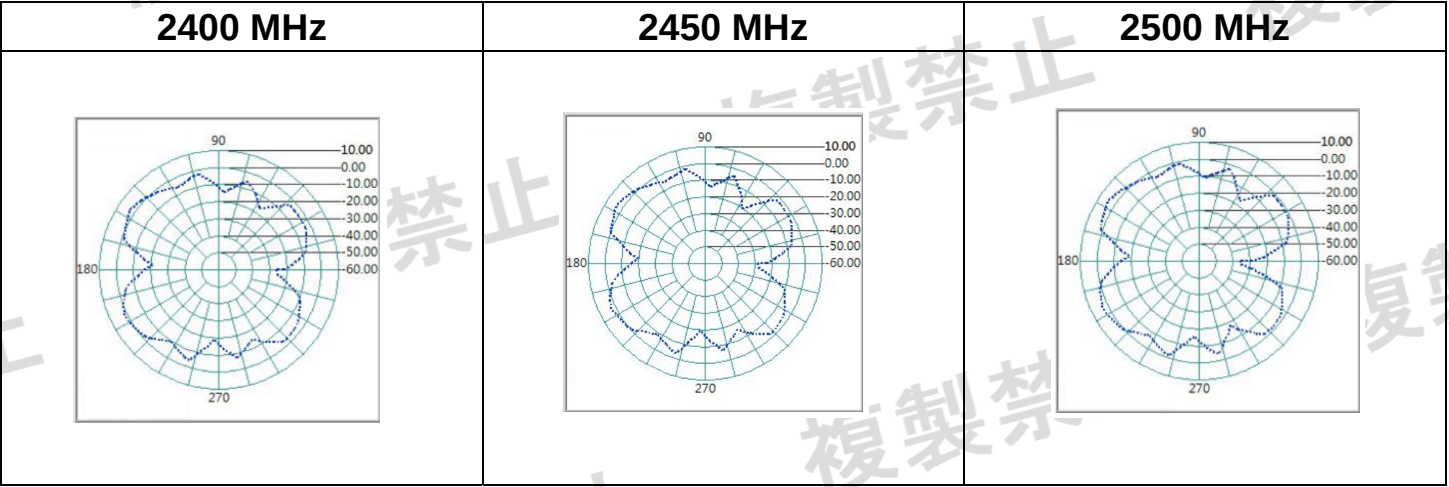
Product Name: Antenna

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