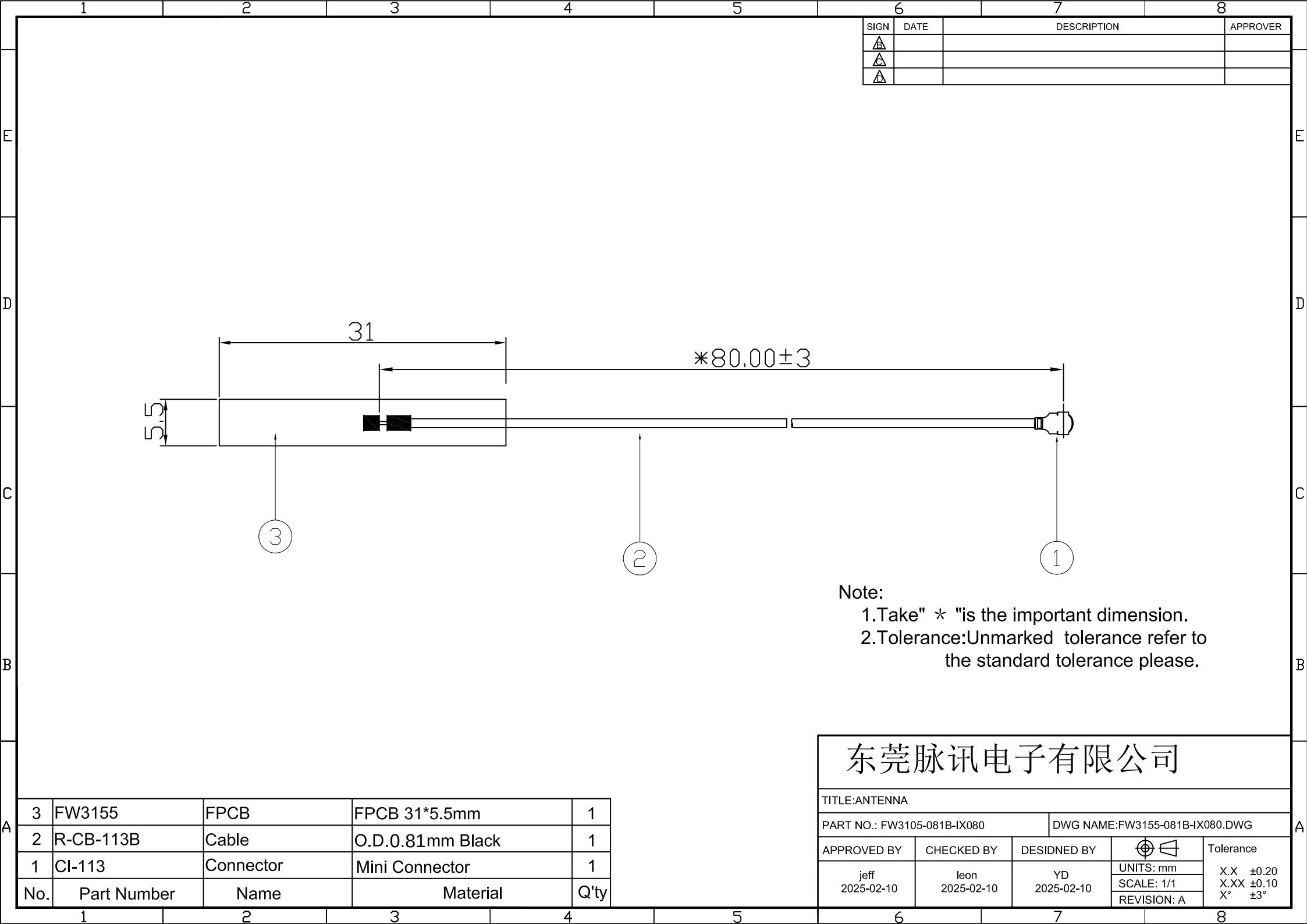
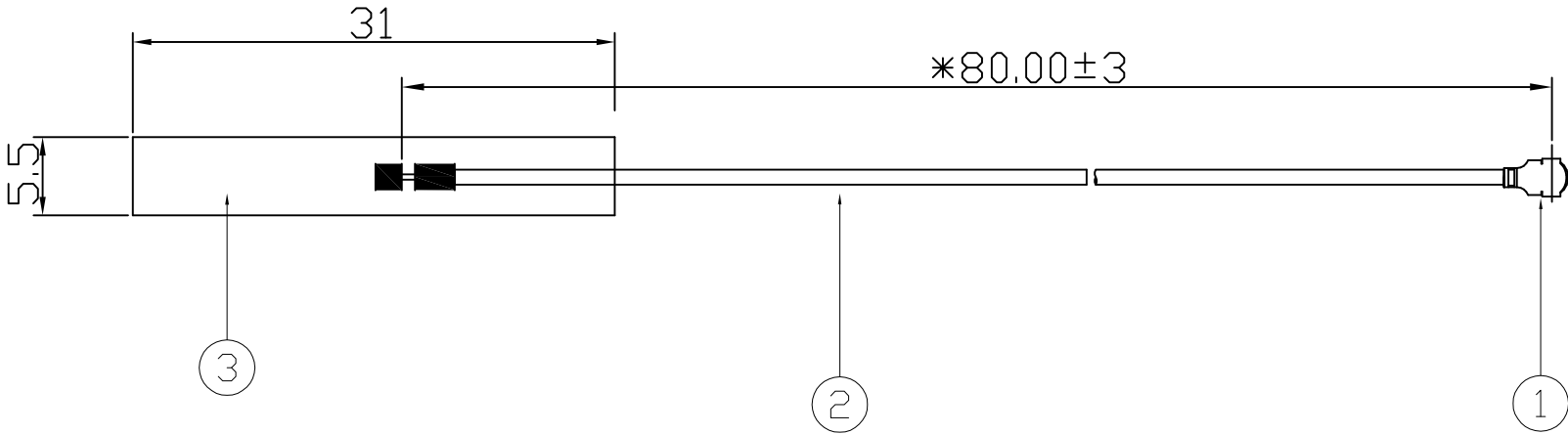




SIGN	DATE	DESCRIPTION	APPROVER
△			
△			
△			



Note:

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

3	FW3155	FPCB	FPCB 31*5.5mm	1
2	R-CB-113B	Cable	O.D.0.81mm 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.: FW3105-081B-IX080			DWG NAME:FW3155-081B-IX080.DWG	
APPROVED BY	CHECKED BY	DESIGNED BY		Tolerance
jeff 2025-02-10	leon 2025-02-10	YD 2025-02-10	UNITS: mm	X.X ±0.20
			SCALE: 1/1	X.XX ±0.10
			REVISION: A	X° ±3°

电性测试报告

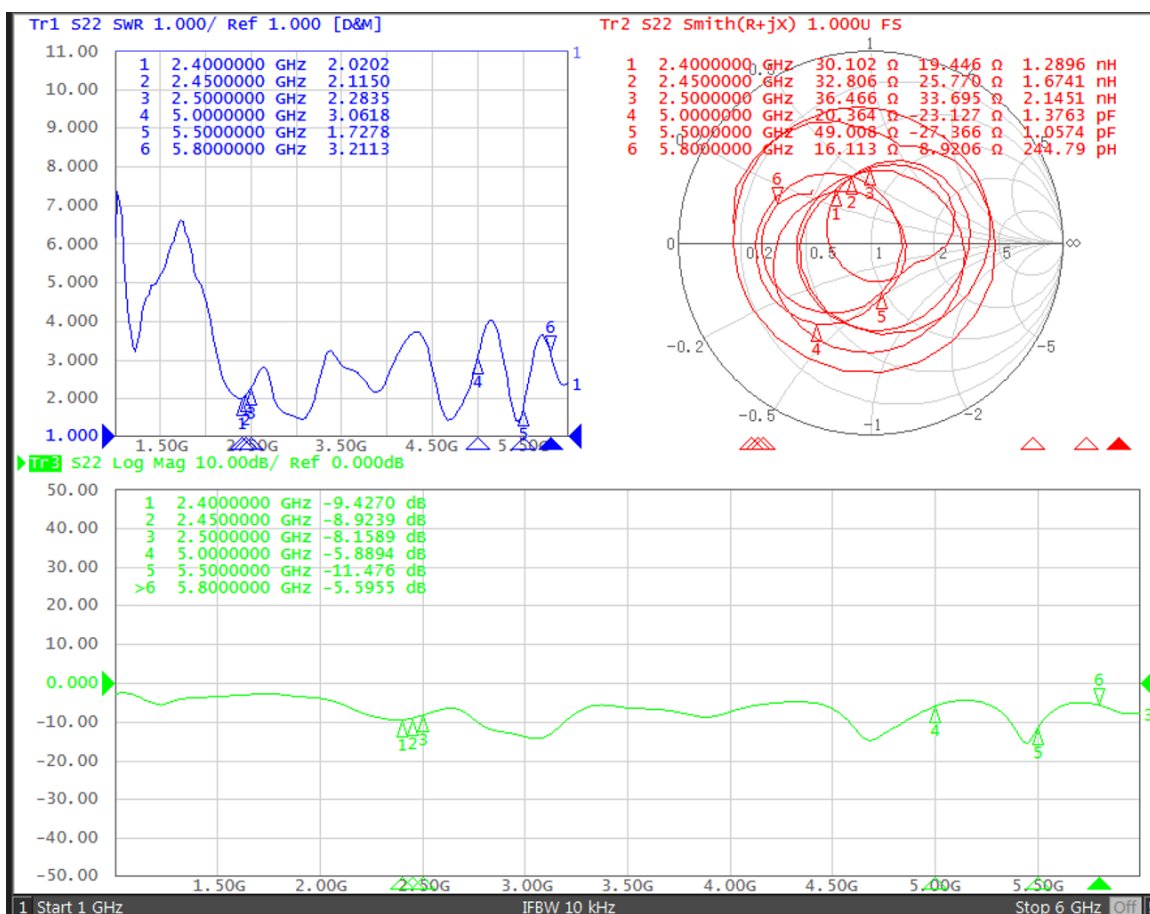
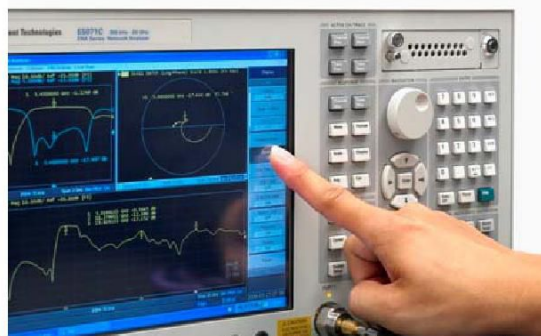
Test Reports

Sample Photo	
A. Electrical Characteristics	
Frequency	2400 ~ 2500MHz4900 ~ 5900MHz
S.W.R.	<= 4.0
Antenna Gain	2.0 ± 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. 0.81mm // 80 mm
Operating Temp.	-35 ~ +60 °C
Storage Temp.	-35 ~ +70 °C

S 参数测试

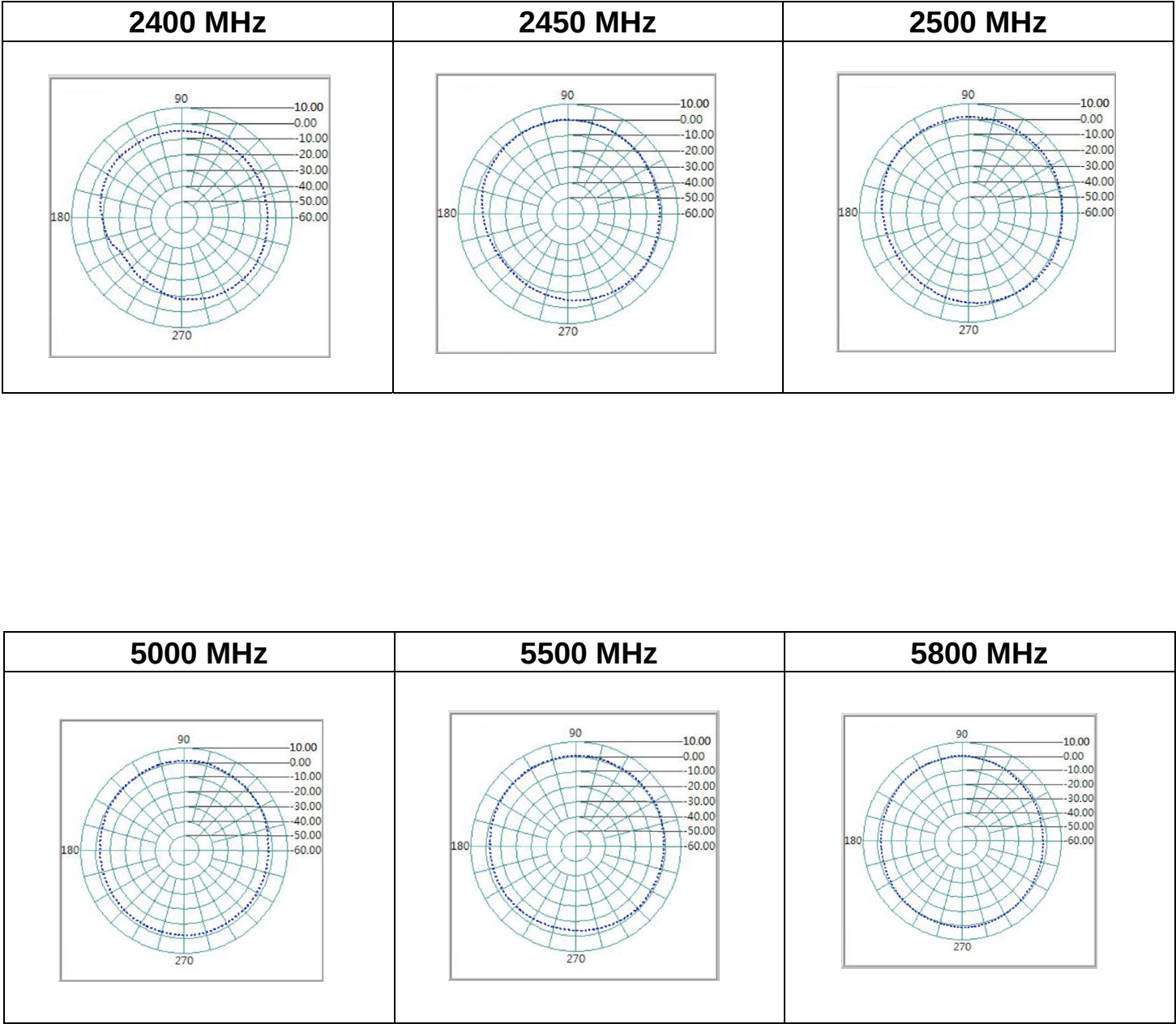
S Parameter Test

Agilent E5071C



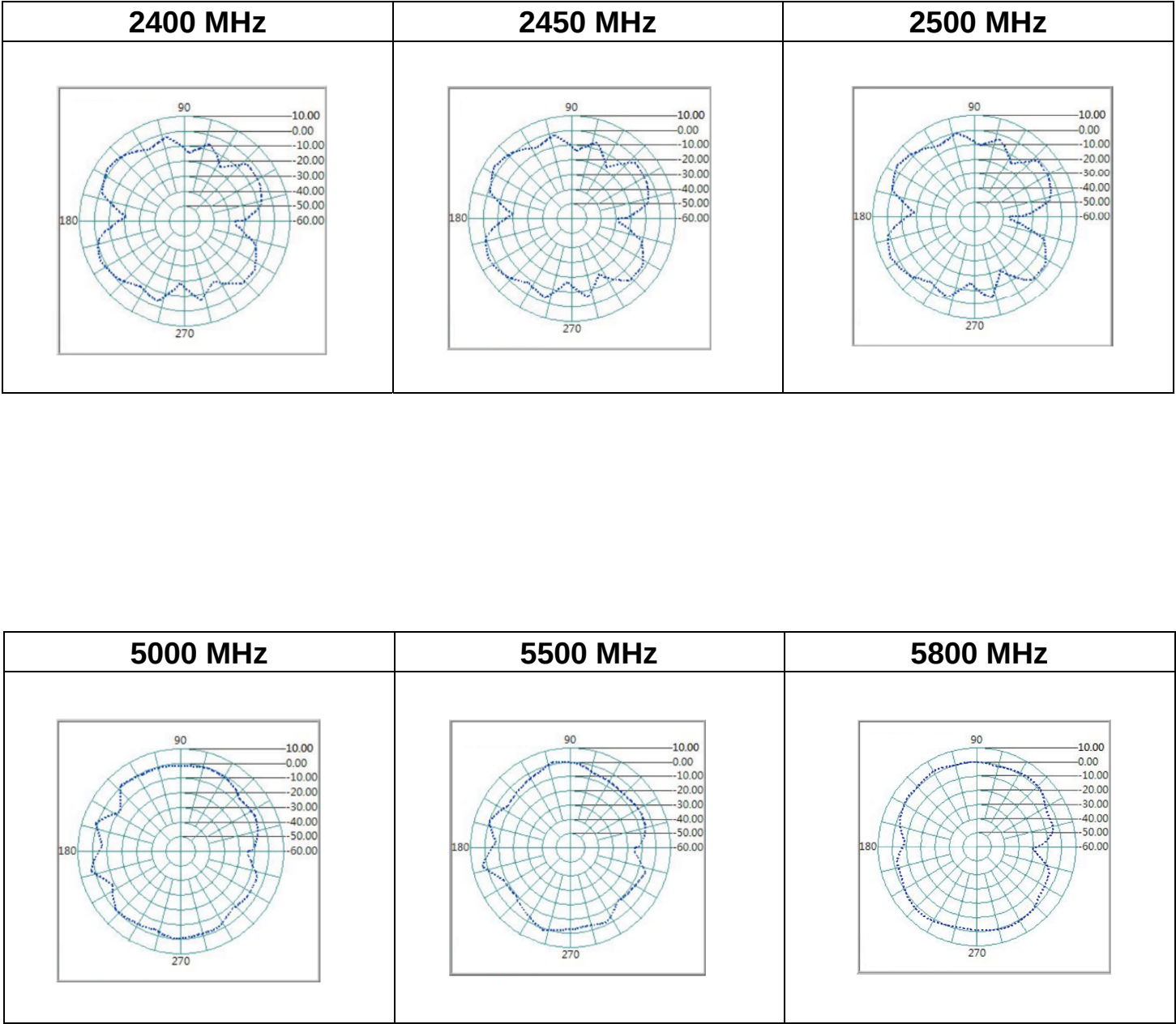
Product Name: Antenna

5. Antenna - Radiation Pattern Test Data
XY-PLANE



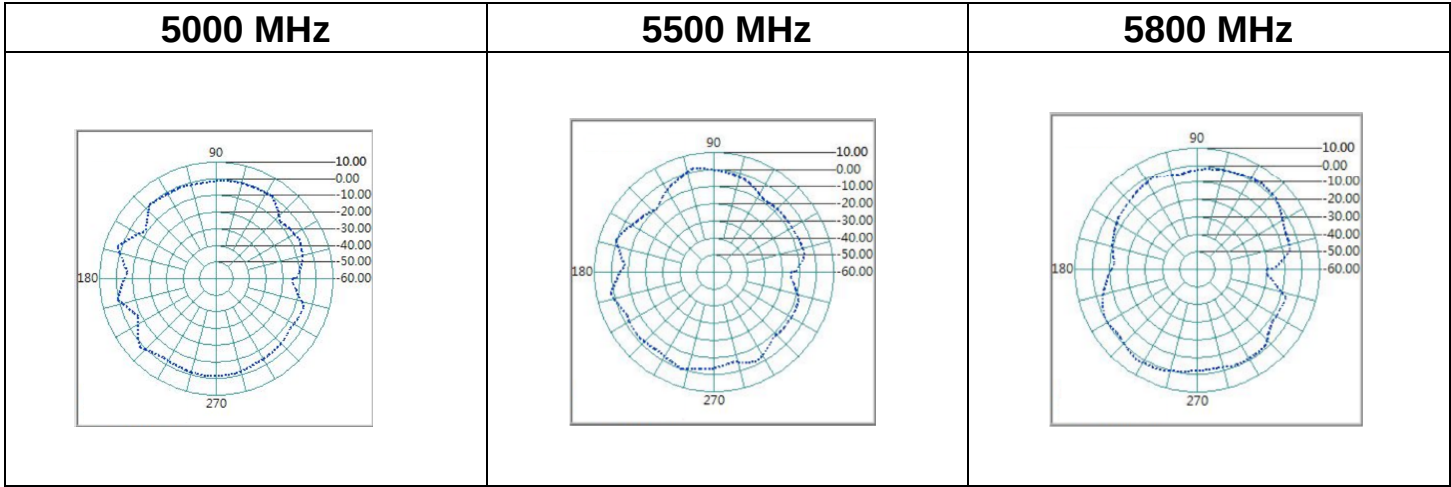
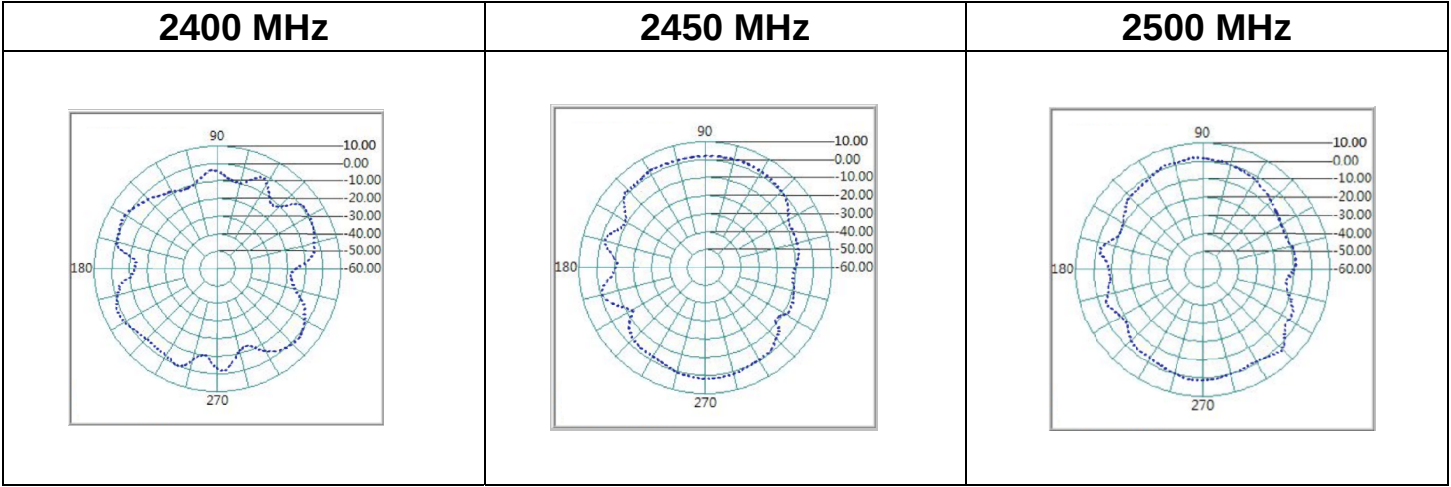
Product Name: Antenna

5. Antenna - Radiation Pattern Test Data
XZ-PLANE



Product Name: Antenna

5. Antenna - Radiation Pattern Test Data
YZ-PLANE



Frequency (MHz)	2400	2450	2500	5000	5500	5800
Gain(dbi)	2.12	1.98	1.64	0.97	1.13	1.01
Efficiency (%)	63.21	58.37	60.32	59.15	69.62	57.73