

# SPECIFICATION FOR APPROVAL

2022110401

File No. \_\_\_\_\_

1.0

Revision \_\_\_\_\_

Manufacturer: Shenzhen Yisheng Technology Co. LTD.

**2.4-5.8GHz Antenna L=55MM**  
 PART NAME: \_\_\_\_\_

**GC051G.300001.G01**  
 SUPPLIER NO: \_\_\_\_\_

Date: \_\_\_\_\_ Q'TY: \_\_\_\_\_ PCS \_\_\_\_\_

<b>CUSTOMER APPROVED BY</b>		
<b>APPROVAL</b>	<b>CHIEF</b>	<b>SUPERVISOR</b>

<b>SUPPLIER SIGNATURE</b>		
<b>APPROVAL</b>	<b>CHECK</b>	<b>DESIGN</b>
<b>sunny</b>	<b>ZouJie</b>	<b>LuoYi</b>

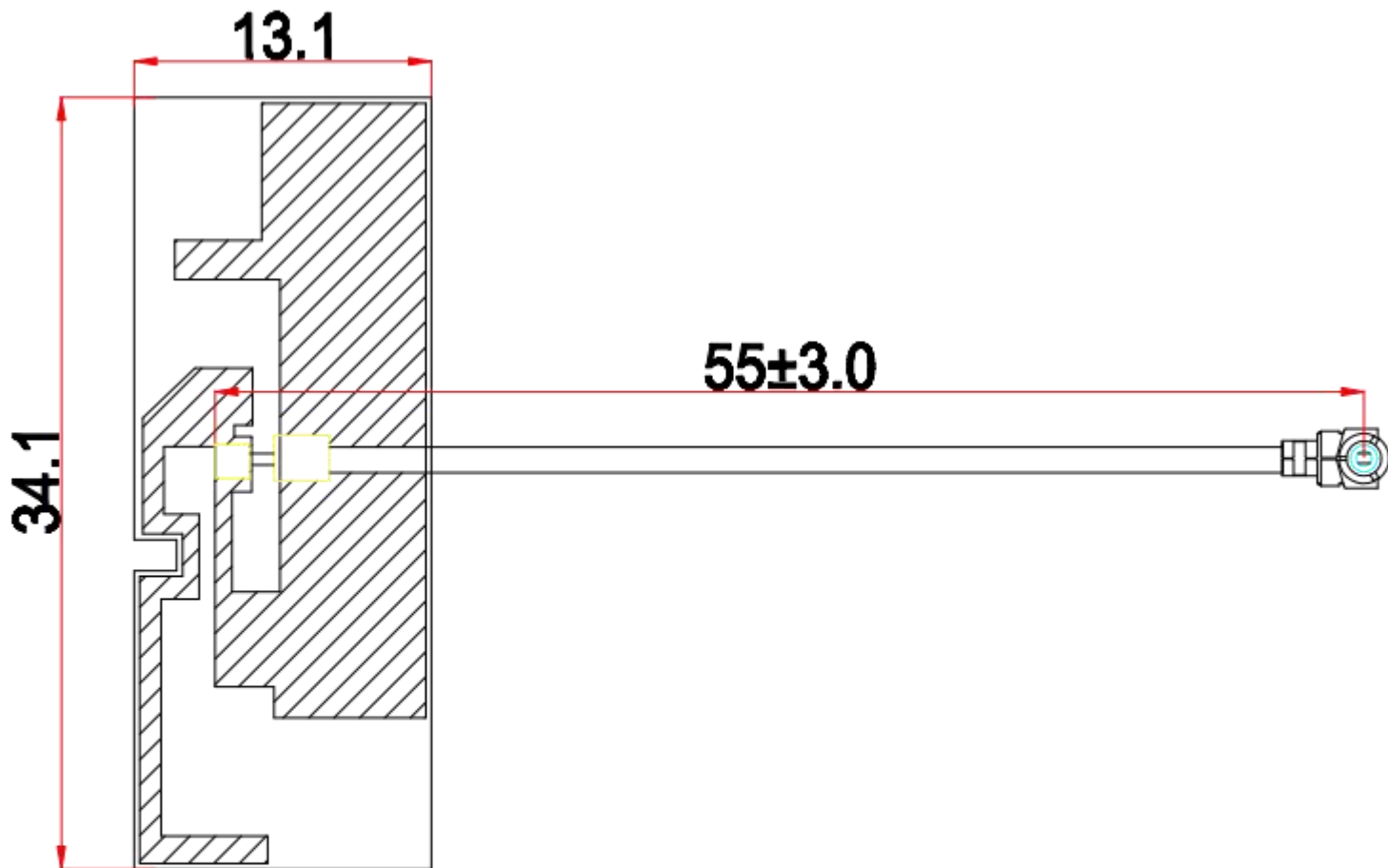
SH-RD-F04-A


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# Test Reports

<b>Electrical Properties</b>	
Frequency	2.4-2.5GHz 5.15-5.85GHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	2.4G: 5.06dBi      5G: 4.57dBi
Efficiency	>60%
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	
<b>Physical Properties</b>	
Antenna Material	FPC
Cable Type	O.D. 1.13mm // L= 55mm
Operating Temp.	-10 ~ +60 ° C
Storage Temp.	-10 ~ +70 ° C
Cable Color	Gray

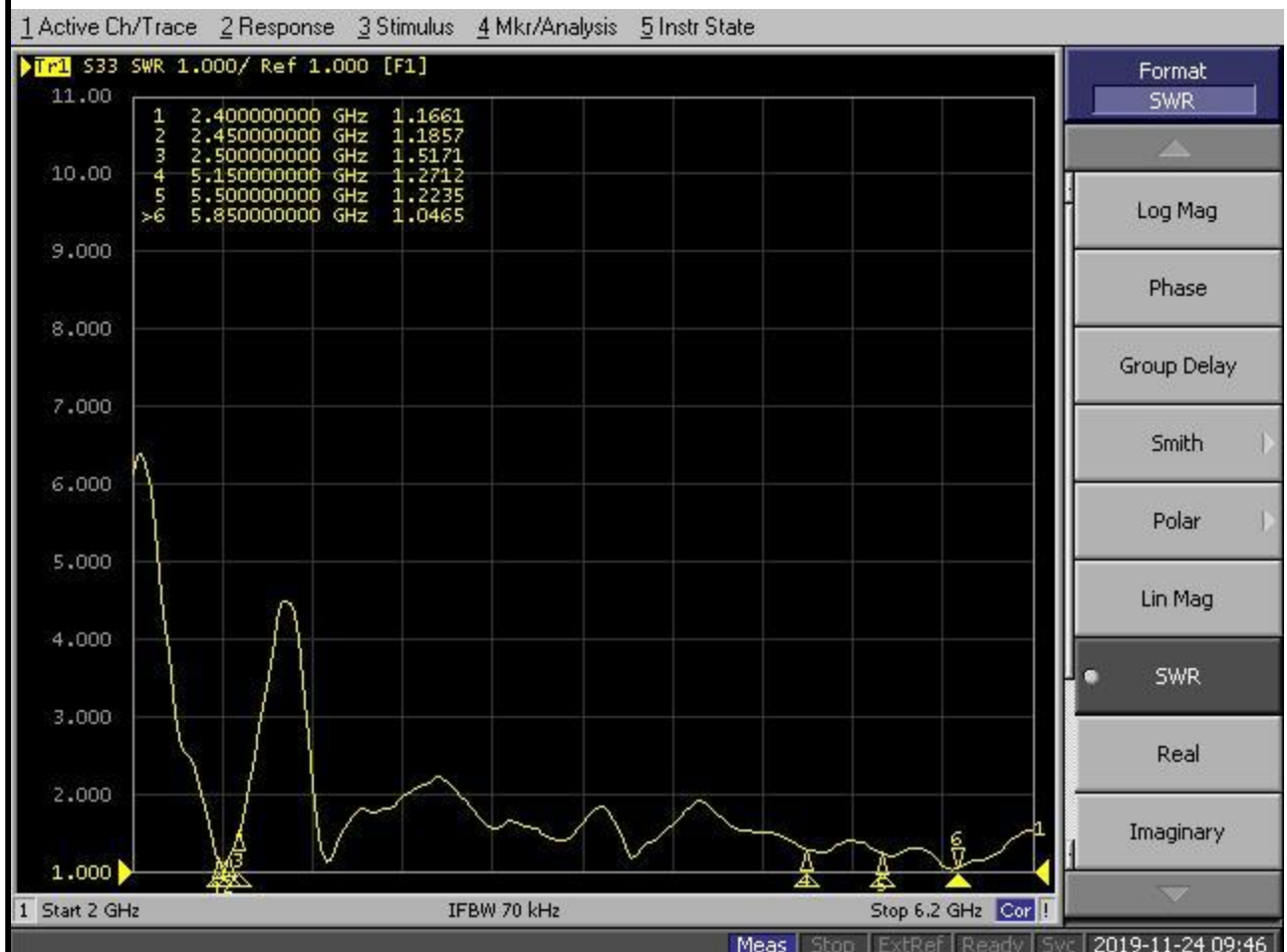


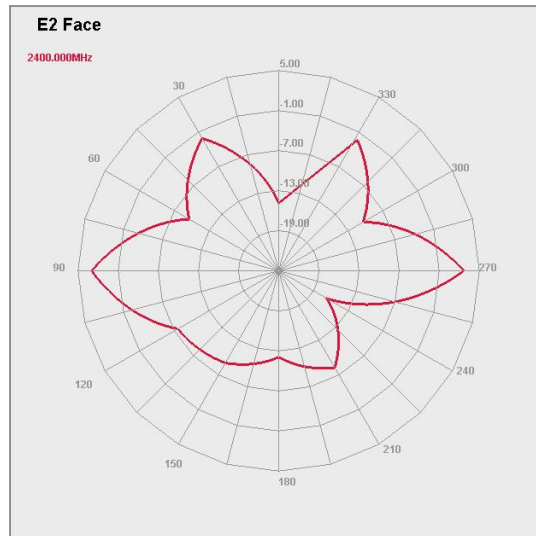
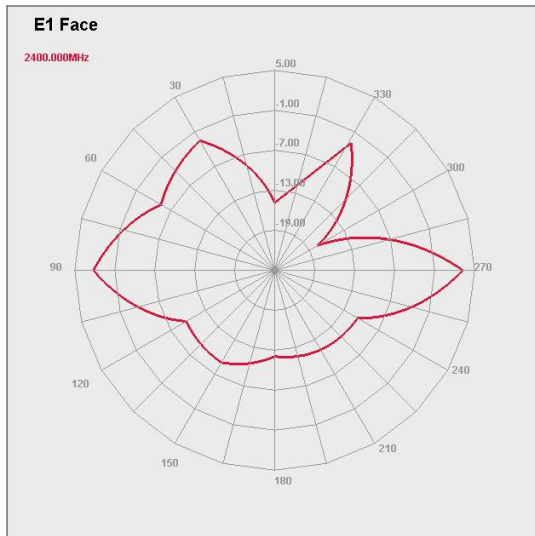
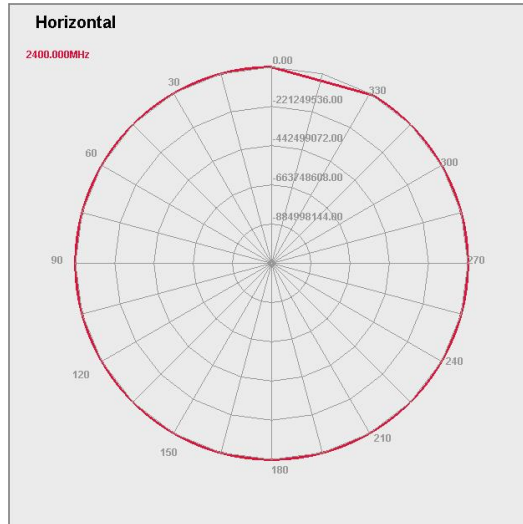
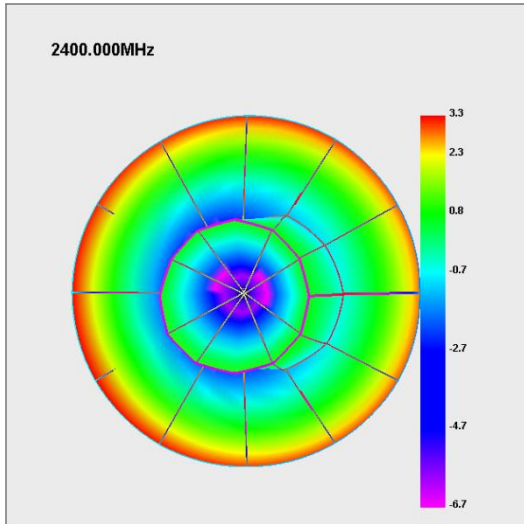
<b>DongGuan GaoCang Co.,Ltd.</b>			CUSTOMER				
			PART NO				
			TITLE wifi Antenna L=55mm				
			S.H P/NO GC051G.300001.G01				
	TOLERANCE UNLESS OTHERWISE SPECIFIED			SIZE	DRAWN	CHECKED	APPROVED
	UNIT:mm	ANGLES ±0.5°	X. ±2.0	A4	LUOYI	ZOUJIE	
	SHEET: 1/1	X.XX ±0.2	XX. ±5.0				
SCALE: 1/1	X.X ±0.5	DATE:2022-10-04					

3	1-IPEX	O.D.1.13 special-purpose	1
2	FPC	34.1*13.1MM	1
1	Coaxial Cable	O.D.1.13 Gray	1
NO	PART NAME	DESCRIPTION	Q.TY

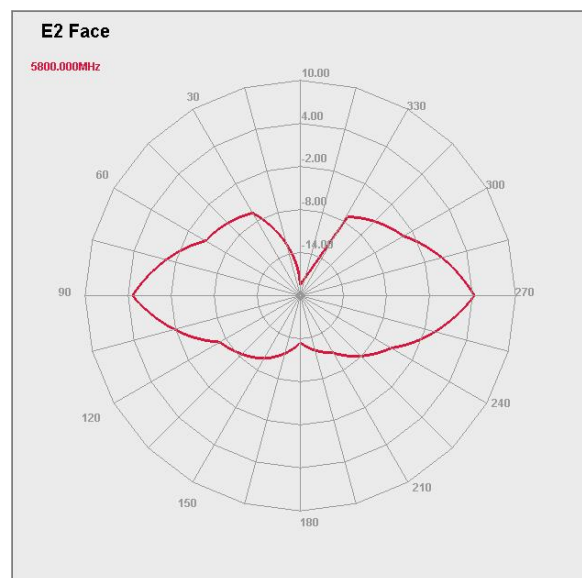
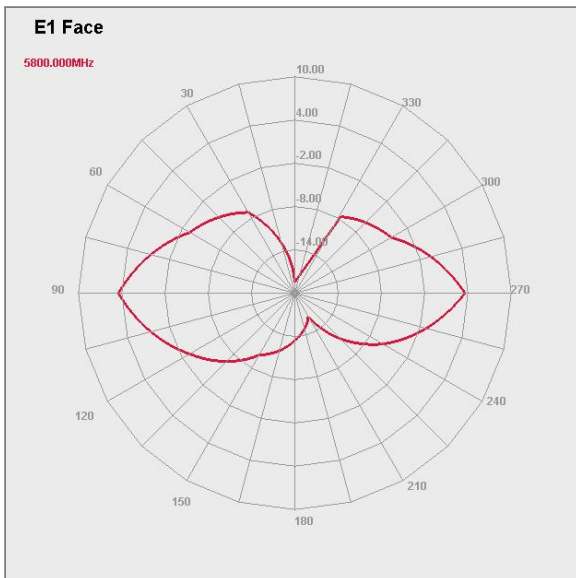
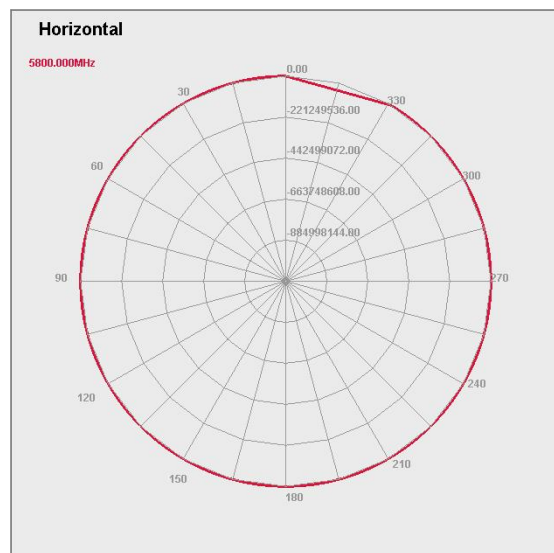
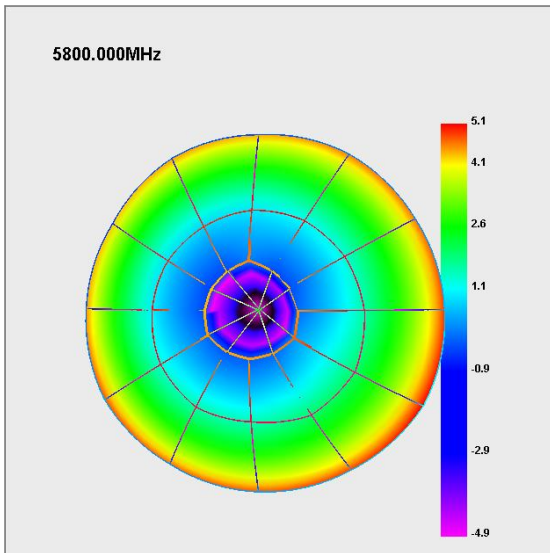
# S Parameter Test

*Agilent E5071C*





2.4G 2D/3D  
2.4G 2D/3D Pattern



5.8G 2D/3D  
5.8G 2D/3D Pattern