



APPROVAL SHEET

承认书

CUSTOMER NAME 客户名称	星纵	
CUSTOMER P/N 客户料号		
PART NAME 品 名	WIFI-2 Black FPC internal antenna TO SMB male pin L=100MM	
P/ N 料 号	YJC-6N100-S02	
APPROVAL REV. 版 次	A0	
DELIVERY DATE 送样日期	2024 年 06 月 17 日	
PREPARED BY 承 办	Yin Feijie	
CHECKED BY 审 核	Fang Wenfeng	
APPROVED BY 核 准	X i a o h a n	
Customer Approved 客 户 承 认		
Prepared By 承 办	Checked By 审 核	Approved By 核 准

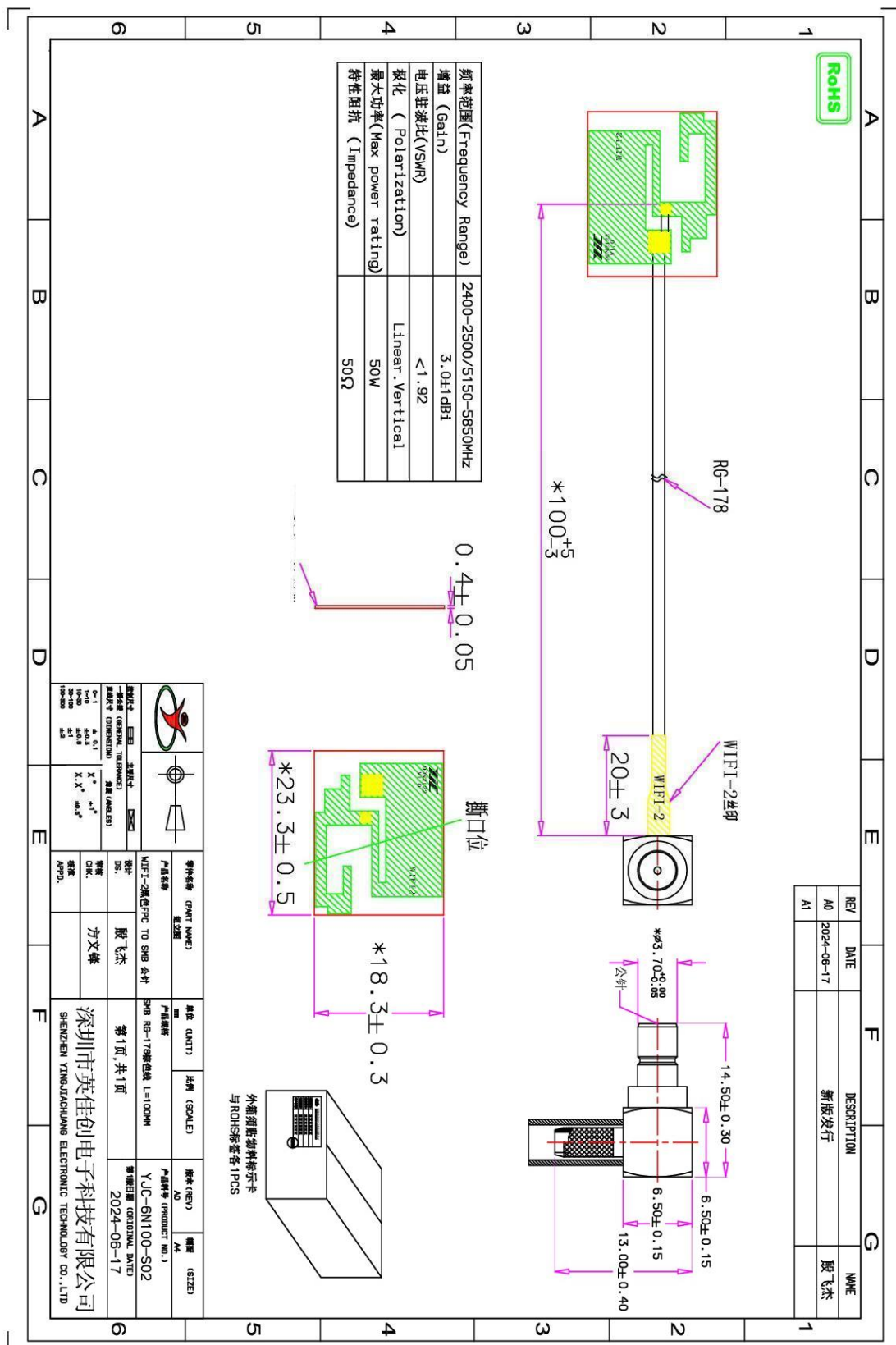
Address: Building C, Hongyu Guangming Valley, No. 11, Youma Gang Road, Ma
Tian Street, Guangming District, Shenzhen
Dongguan Branch: Yingjiachuang Industrial Park, No. 2 Yinhe 3rd Road,
Shishuikou, Qiaotou Town, Dongguan City

elephone: 0755-27810060 fax: 0755-27810057

Website: <http://www.szsyjc.com>



天线平面图:





Antenna technical parameters and environmental testing:

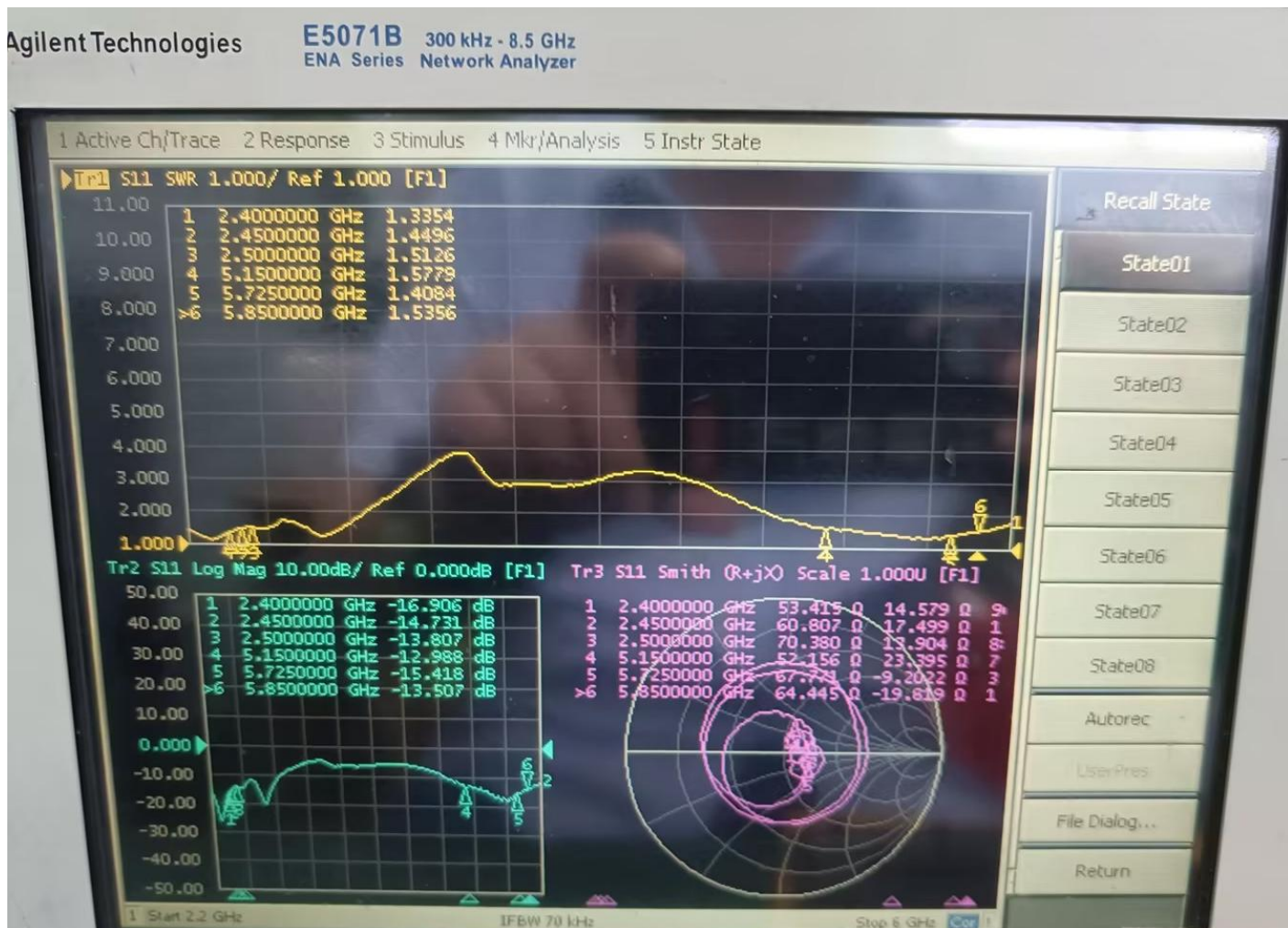
Electrical technical parameter			
电 性 能 指 标		Electrical Specifications	
频率范围	2400-2500/5150-5850MHz	Frequency Range	2400-2500/5150-5850MHz
电压驻波比	<1.92	VSWR	<1.92
输入阻抗	50 Ω	Input Impedance	50 Ω
方向	全向	Direction	All
增益	3.0±1dBi	Gain	3.0±1dBi
机 械 指 标		Mechanical Specifications	
线材颜色	棕色	Wire color	brown
接口形式	SMB	Input connector	SMB
线材长度	100mm	Wire length	100mm
工作温度	-20℃~+70℃	Working Temperature	-20℃~+70℃
工作湿度	20%~80%	Working Humidity	20%~80%



Antenna physical picture:



Antenna performance test diagram:





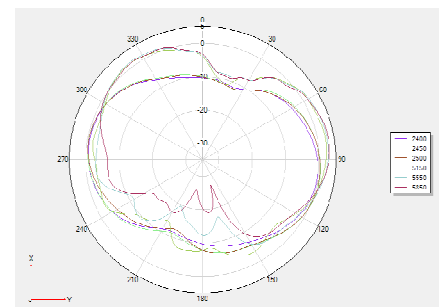
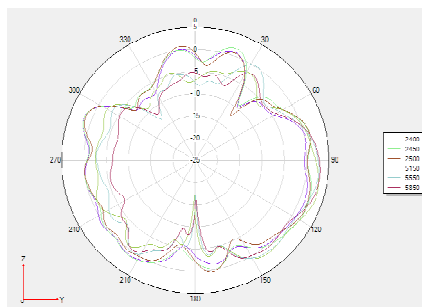
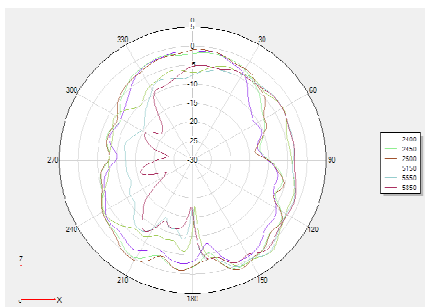
2D、3D test data(2.4G/5G):

Frequency	Efficiency (%)	Gain. (dBi)
2400MHz	55.16	2.09
2410MHz	55.86	2.15
2420MHz	54.82	2.29
2430MHz	54.99	2.18
2440MHz	54.64	2.14
2450MHz	52.61	2.24
2460MHz	51.45	2.11
2470MHz	50.47	2.03
2480MHz	56.71	2.01
2490MHz	59.18	2.25
2500MHz	51.09	2.12
5150MHz	47.61	3.42
5250MHz	42.78	3.46
5350MHz	43.31	3.33
5450MHz	47.78	3.66
5550MHz	44.82	3.55
5650MHz	46.18	3.39
5750MHz	45.29	3.10
5850MHz	48.87	3.42

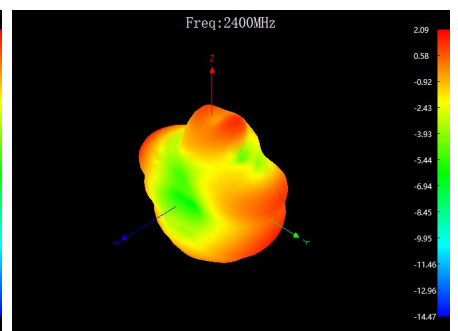
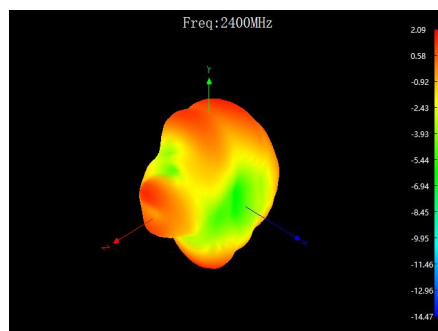
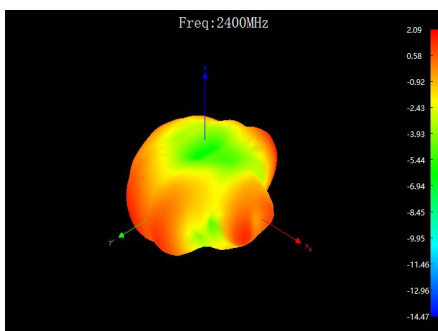
Phi 0 2D picture:

Phi 90 2D picture

Theta 90 2D picture

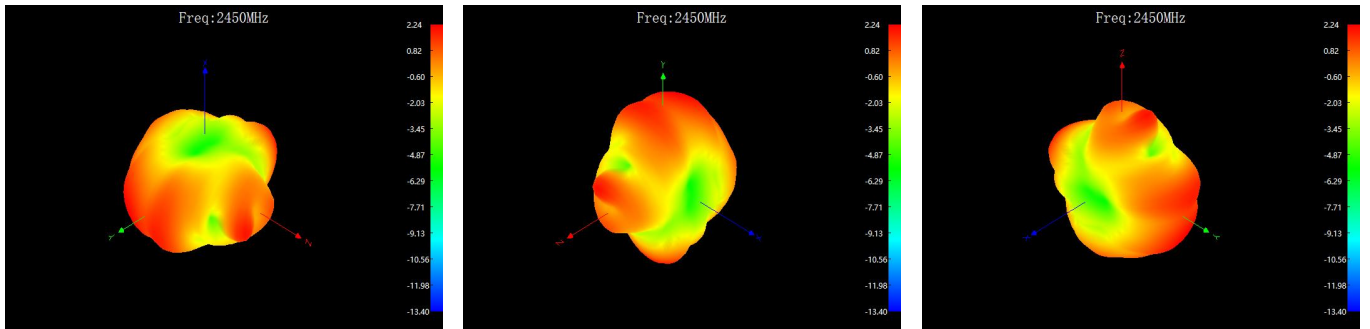


3D 2400:

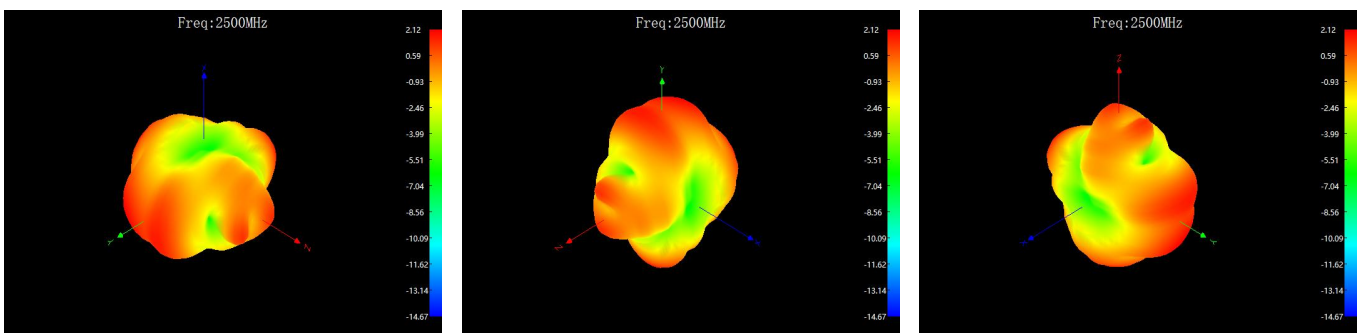




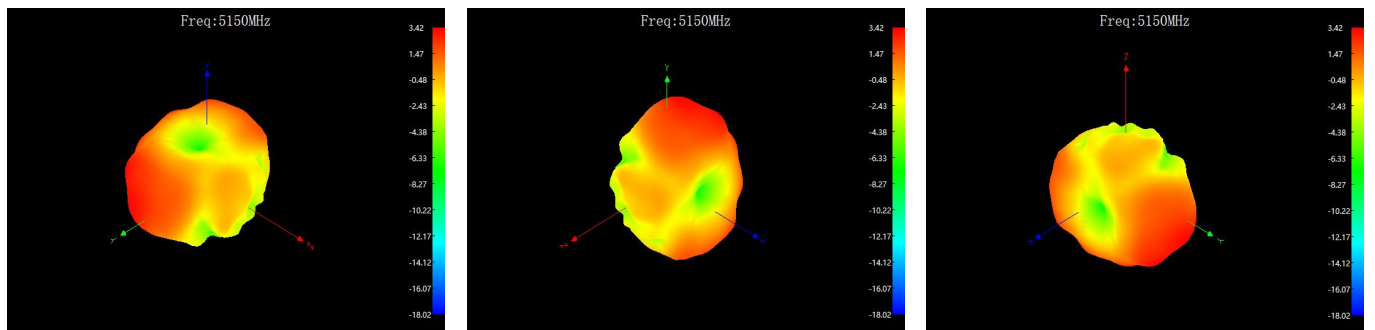
3D 2450:



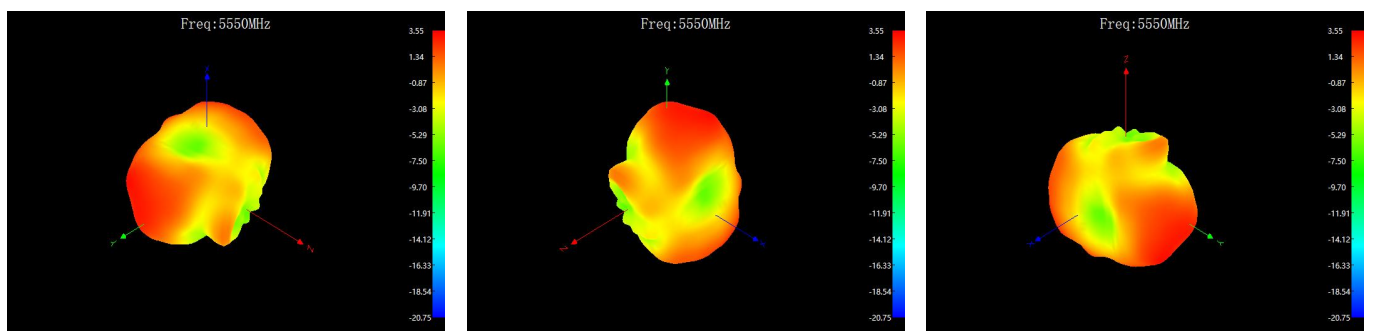
3D 2500:



3D 5150:



3D 5550:





3D 5850:

