



深圳市英佳创电子科技有限公司

<http://www.szsyjc.com>

APPROVAL SHEET

承认书

CUSTOMER NAME 客户名称	
CUSTOMER P/N 客户料号	3.014.001.0006
PART NAME 品 名	2.4G Black FPC L=30MM
P/ N 料 号	YJC-6N030-B22
APPROVAL REV. 版 次	V2.0
DELIVERY DATE 送样日期	2023 年 08 月 11 日
PREPARED BY 承 办	殷飞杰
CHECKED BY 审 核	方文锋
APPROVED BY 核 准	肖 汉

总部地址：深圳市光明区马田街道油麻岗路 11 号宏域光明谷 C 栋

东莞分厂：东莞市桥头镇石水口银河三路 2 号英佳创产业园

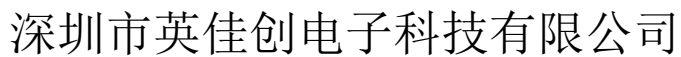
杭州办事处：杭州市滨江区物联网街 369 号大华江虹国际创新园 B 栋 212

绵阳办事处：四川省绵阳市高新区绵兴东路 35 号万向高新国际 4F-34 号

电话：0755-27810060

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Antenna Photo:

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天线技术参数及环境测试:

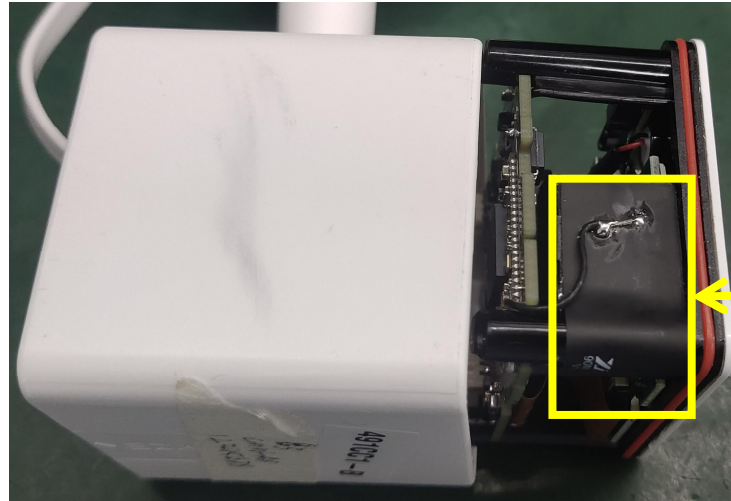
电气技术参数			
电 性 能 指 标		Electrical Specifications	
频率范围	2400-2500MHz	Frequency Range	2400-2500MHz
电压驻波比	<2.0	VSWR	<2.0
输入阻抗	50 Ω	Input Impedance	50 Ω
方向	全向	Direction	All
增益	2.0±0.5dBi	Gain	2.0±0.5dBi
机 械 指 标		Mechanical Specifications	
天线颜色	黑色	Antenna Color	Black
接口形式	XD-4	Input connector	XD-4
线材长度	30mm	Cable length	30mm
工作温度	-30℃~+70℃	Working Temperature	-30℃~+70℃
工作湿度	20%~80%	Working Humidity	20%~80%



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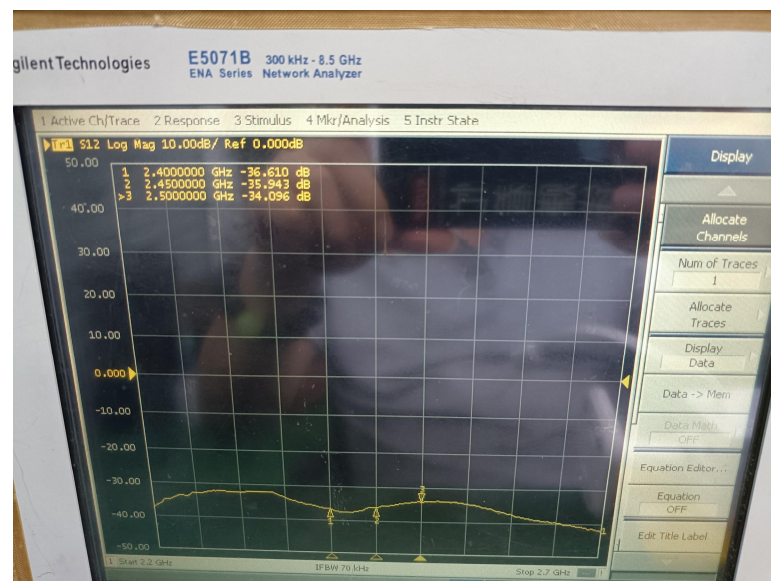
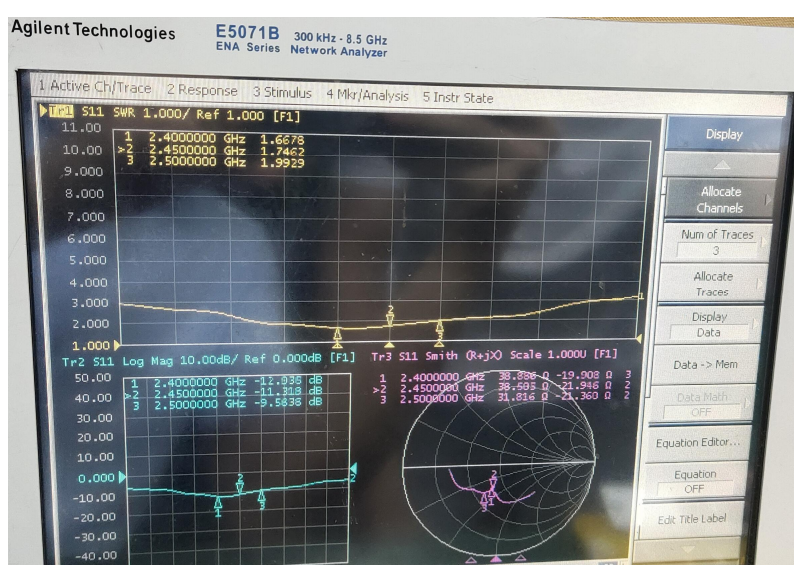
<http://www.szsyjc.com>

Antenna Photo:



Location

Test Photo:

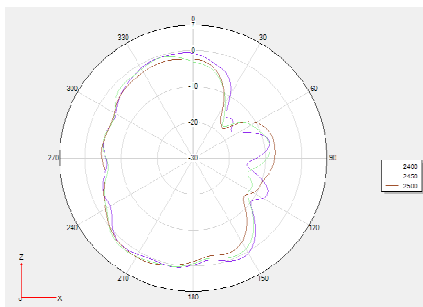




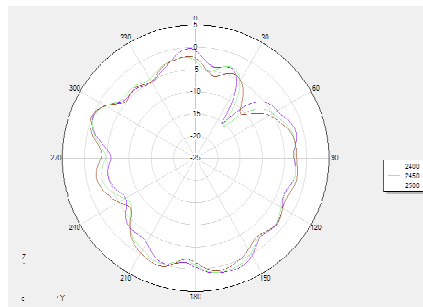
2D .3D Data (2.4G)

Frequency (MHz)	Efficiency (%)	Gain. (dBi)
2400MHz	52.37	2.04
2410MHz	60.74	2.42
2420MHz	54.76	2.13
2430MHz	58.98	2.25
2440MHz	57.64	2.23
2450MHz	57.97	2.21
2460MHz	55.09	2.17
2470MHz	58.32	2.32
2480MHz	54.64	2.07
2490MHz	52.67	2.04
2500MHz	52.36	2.02

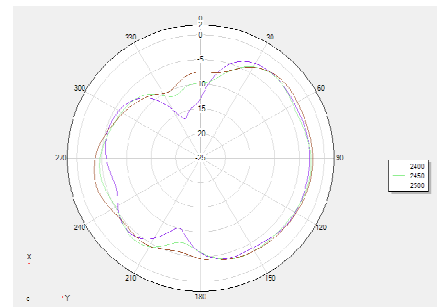
Phi 0 2D :



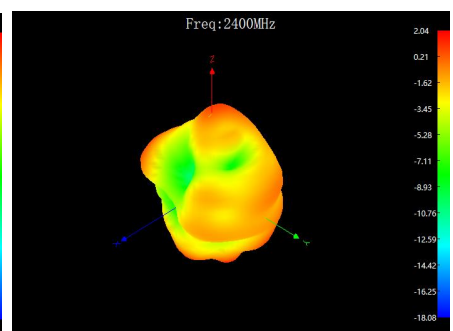
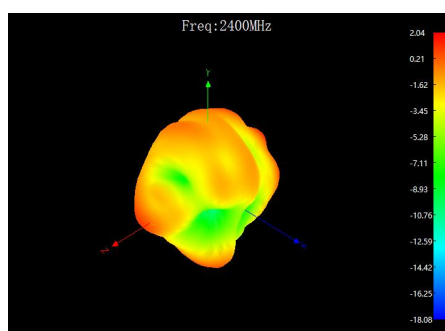
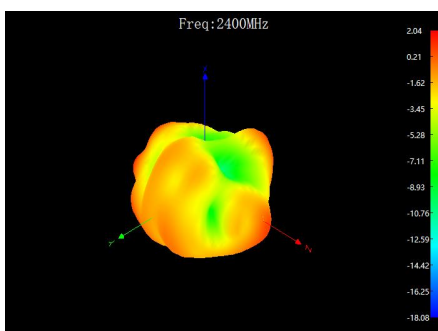
Phi 90 2D



Theta 90 2D

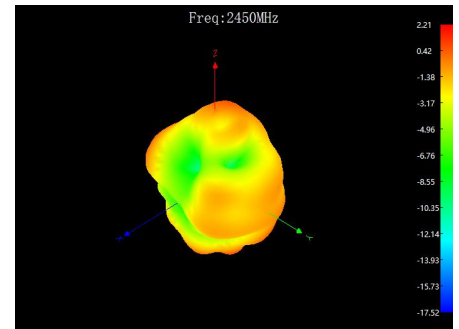
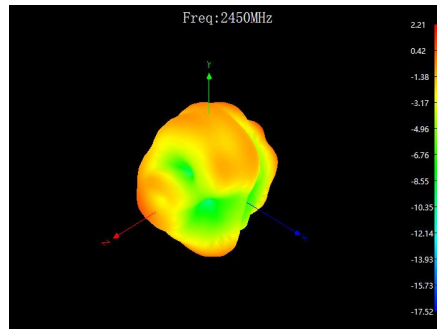
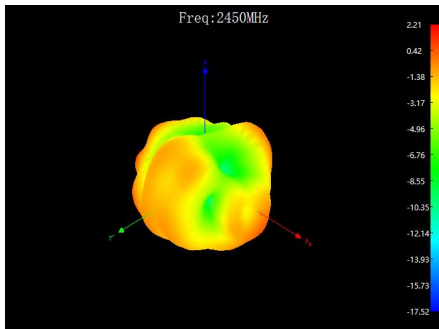


3D 2400

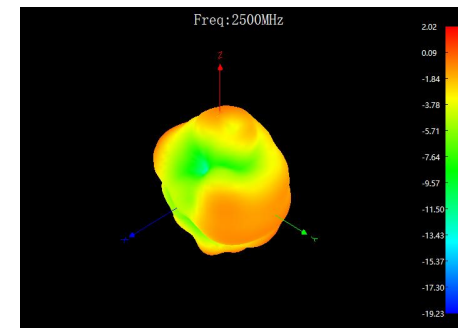
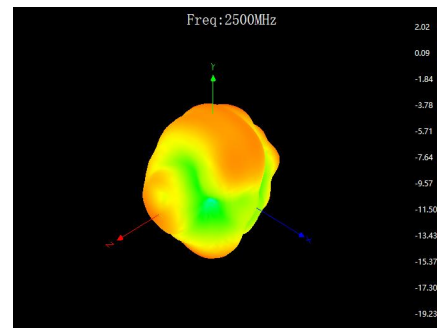
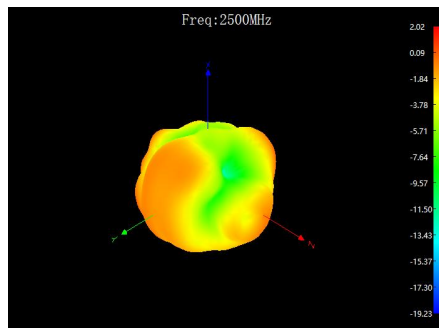




3D 2450



3D 2500





OTA Data:

Item	Measurement	Band	Channel	Frequency	Total
1	TRP	WIFI_B (1M)	1	2412	19.65
2	TRP	WIFI_B (1M)	6	2437	20.5
3	TRP	WIFI_B (1M)	11	2462	19.4
4	TIS(EIRP)	WIFI_B (11M)	1	2412	-87.34
5	TIS(EIRP)	WIFI_B (11M)	6	2437	-85.34
6	TIS(EIRP)	WIFI_B (11M)	11	2462	-82.47
7	TRP	WIFI_G (6M)	1	2412	17.82
8	TRP	WIFI_G (6M)	6	2437	18.06
9	TRP	WIFI_G (6M)	11	2462	17.88
10	TIS(EIRP)	WIFI_G (54M)	1	2412	-73.31
11	TIS(EIRP)	WIFI_G (54M)	6	2437	-73.53
12	TIS(EIRP)	WIFI_G (54M)	11	2462	-72.48
13	TRP	WIFI_N_ISM (6.5M)	1	2412	16.95
14	TRP	WIFI_N_ISM (6.5M)	6	2437	17.41
15	TRP	WIFI_N_ISM (6.5M)	11	2462	17.19
16	TIS(EIRP)	WIFI_N_ISM (65M)	1	2412	-71.94
17	TIS(EIRP)	WIFI_N_ISM (65M)	6	2437	-71.2
18	TIS(EIRP)	WIFI_N_ISM (65M)	11	2462	-71.12