



Shenzhen Yingjichuang Electronic Technology Co., Ltd.

<http://www.szsyjc.com>

APPROVAL SHEET

承认书

CUSTOMER NAME 客户名称	Mi rui	
CUSTOMER P/N 客户料号		
PART NAME 品 名	2.4G/5.8GHz Metal Antenna	
P/ N 料 号	YJC-6N000-B590	
APPROVAL REV. 版 次	V1.0	
DELIVERY DATE 送样日期	Dec. 10, 2024	
PREPARED BY 承 办	Huang teng	
CHECKED BY 审 核	Peng huang	
APPROVED BY 核 准	Xiao han	
Customer Approved 客 户 承 认		
Prepared By 承 办	Checked By 审 核	Approved By 核 准

Headquarters Address: Building C, Hongyu Guangming Valley, No. 11 Youmaigang Road, Ma Tian Sub-district, Guangming District, Shenzhen City

Dongguan Branch Factory: No. 2, Yingshi Kou Galaxy Road, Qiao Tou Town, Dongguan City, China

Hangzhou Office: Room 509, Building 1, Binrun Kechuangyuan, No. 5, Zhirong Street, Pu Yuan Sub-district, Binjiang District, Hangzhou City

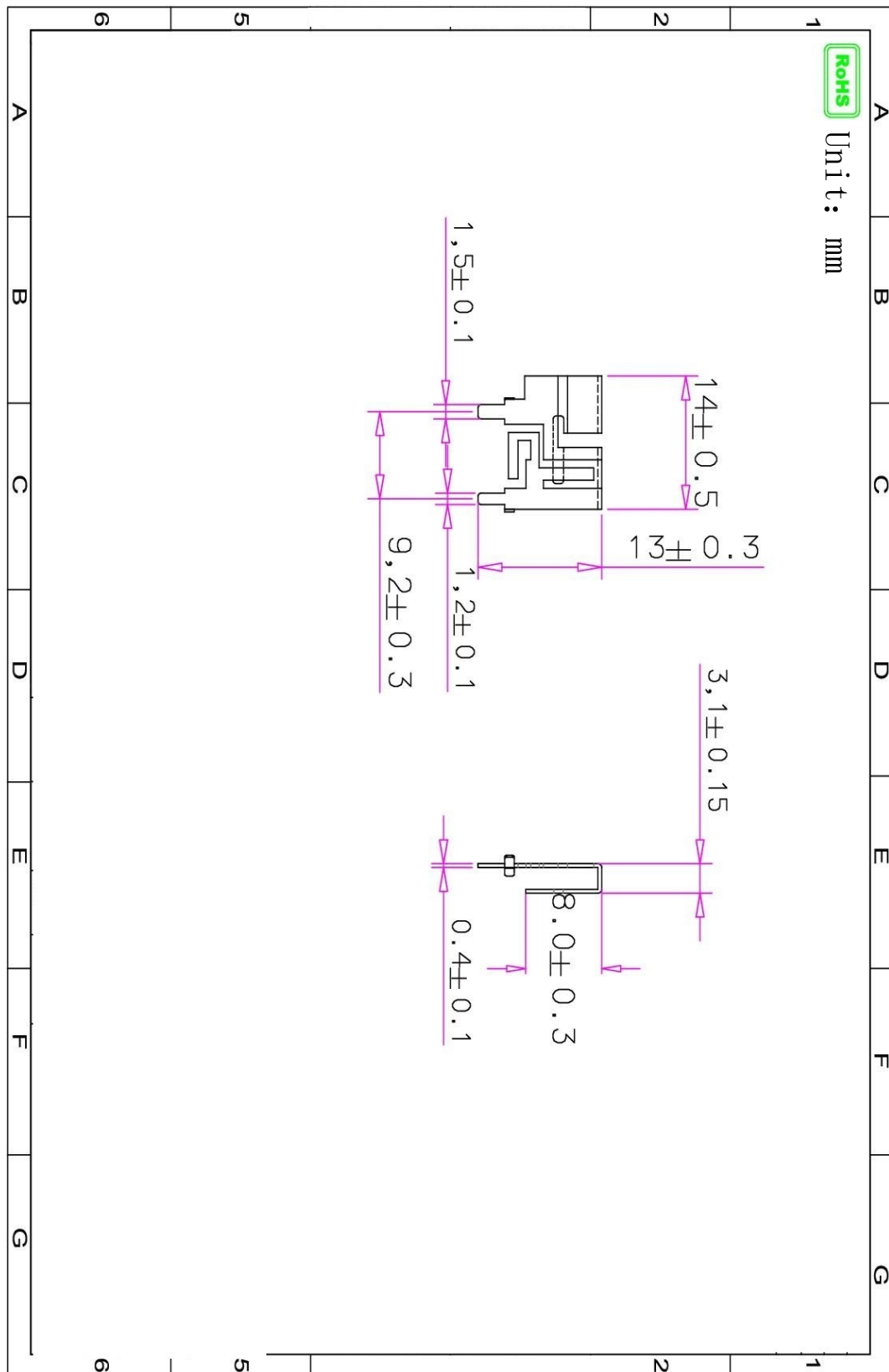
Mianyang Office: No. 35, Muyin East Road, High-tech Zone, Mianyang City, Sichuan Province, Wanxiang High-tech International, Floor 4F-34

Phone: 0755-27810060

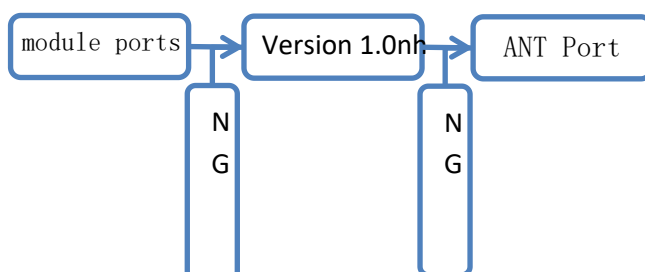
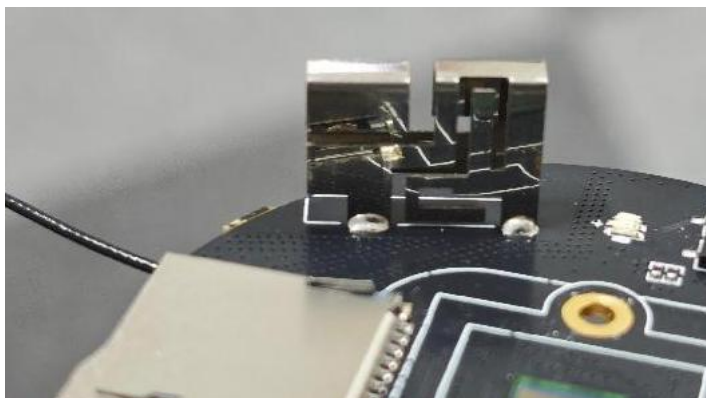
Fax: 0755-27810057

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

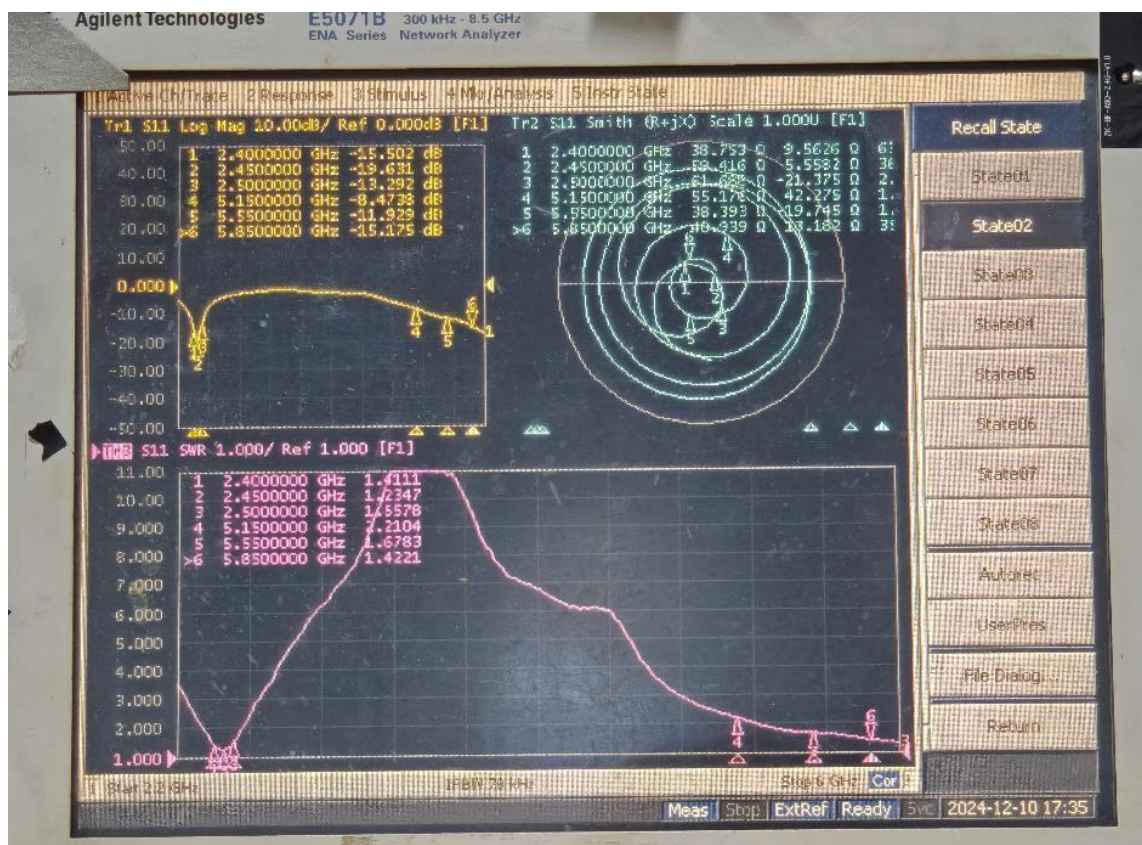
Antenna plan view:



Antenna physical diagram and attachment position diagram:



Antenna performance test chart:





OTA Active Test Data Statistics:

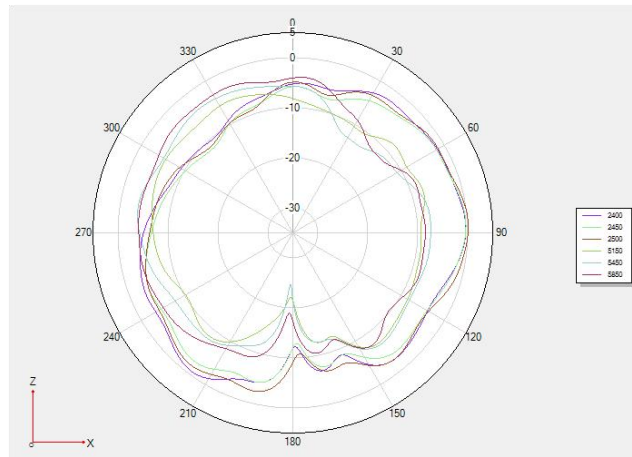
Item	Measurement	Band	Channel	Frequency	Total
1	TRP	WIFI_B (11M)	1	2412	22.49
2	TRP	WIFI_B (11M)	6	2437	22.47
3	TRP	WIFI_B (11M)	11	2462	21.28
4	TIS(EIRP)	WIFI_B (11M)	1	2412	-82.94
5	TIS(EIRP)	WIFI_B (11M)	6	2437	-86.15
6	TIS(EIRP)	WIFI_B (11M)	11	2462	-86.89
7	TRP	WIFI_A (6M)	36	5180	18.20
8	TRP	WIFI_A (6M)	100	5500	19.95
9	TRP	WIFI_A (6M)	165	5825	18.27
10	TIS(EIRP)	WIFI_A (54M)	36	5180	-70.3
11	TIS(EIRP)	WIFI_A (54M)	100	5500	-72.72
12	TIS(EIRP)	WIFI_A (54M)	165	5825	-70.20



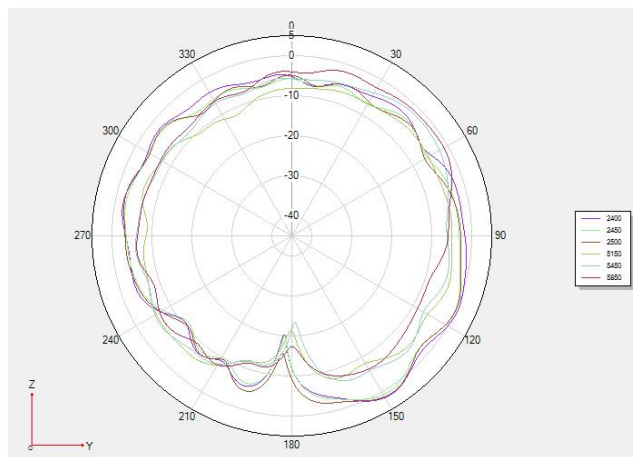
2D and 3D test data:

Frequency	Efficiency (%)	Gain. (dBi)
2400MHz	50.58	2.16
2410MHz	53.95	1.82
2420MHz	54.70	2.31
2430MHz	53.33	2.33
2440MHz	51.88	2.71
2450MHz	49.77	1.85
2460MHz	49.89	2.39
2470MHz	48.53	2.58
2480MHz	50.35	2.76
2490MHz	46.56	1.99
2500MHz	46.56	2.46
5150MHz	36.26	-2.14
5250MHz	37.43	-2.10
5350MHz	36.55	-1.79
5450MHz	36.62	-1.51
5550MHz	34.31	-1.49
5650MHz	34.24	-1.31
5750MHz	34.31	-0.49
5850MHz	34.72	-0.61

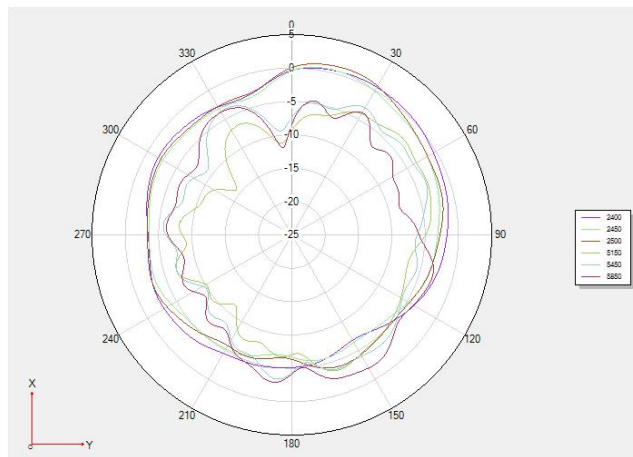
Phi 0 2D Image:



Phi 90 2D Image:

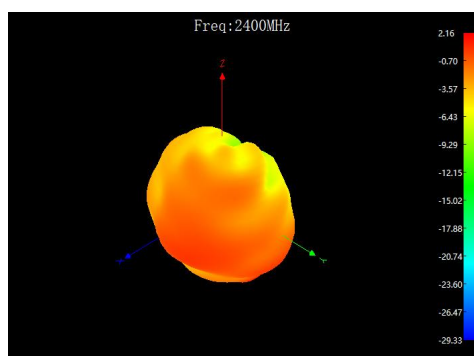


Theta 90 2D Image:

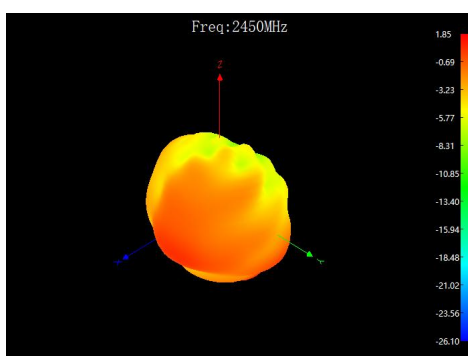


3D test image

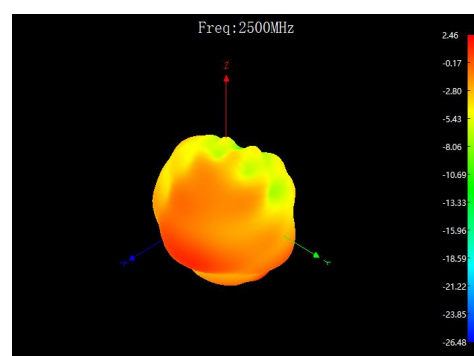
(3D 2400MHz):



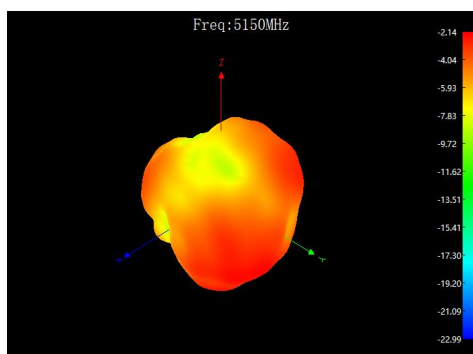
(3D 2450MHz):



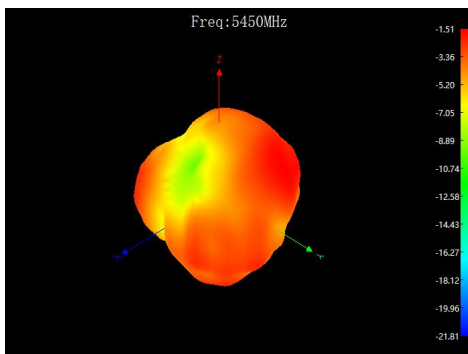
(3D 2500MHz):



(3D 5150MHz):



(3D 5450MHz):



(3D 5850MHz):

