



Shenzhen Yingjia Chuang Electronic Technology Co., LTD

Product antenna commissioning report

Time : 2022.10.19

Created by: Gao Jia Ye

Reviewed by: Wenfeng Fang

Approved by: Xiao Han

ShenzhenAddress: Building A&C, Guangming Valley, Matan Office
, Guangming District, Shenzhen

HangzhouCompanyAddress: 212, Building B, Dahua Jianghong
International Innovation Park, No. 369 Internet of Things Street,
Binjiang District, Hangzhou

Tel:0755-27810060

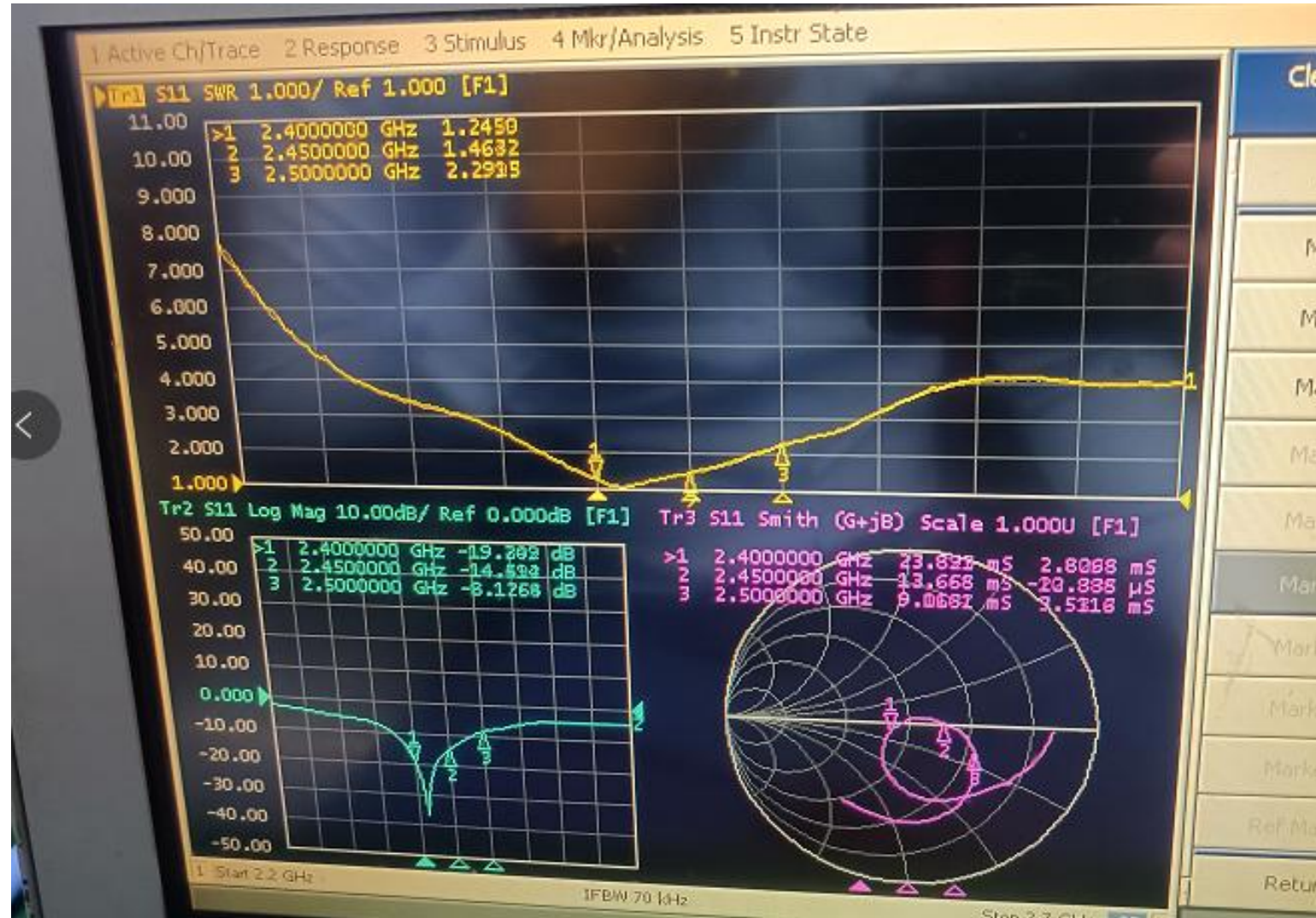
Fax : 0755-27810057

Emal : yjc@szsyjc.com

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

Client Name	Project name	Antenna realization mode
1063	10E0A5	On-board antenna
operating frequency (MHz)		
2.4G	2400-2500 MHz	

Antenna standing wave diagram

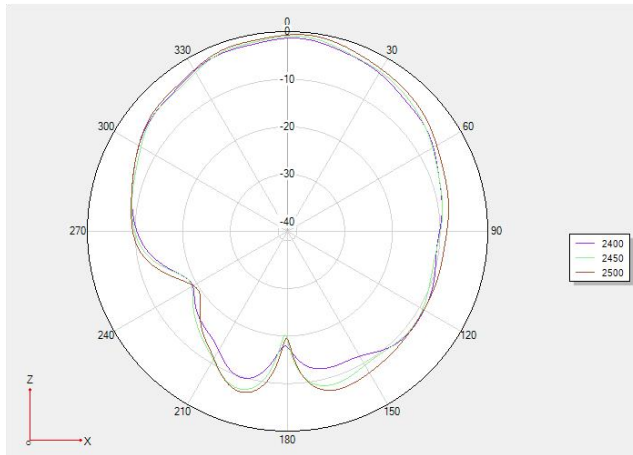


Antenna 2.4G passive test data

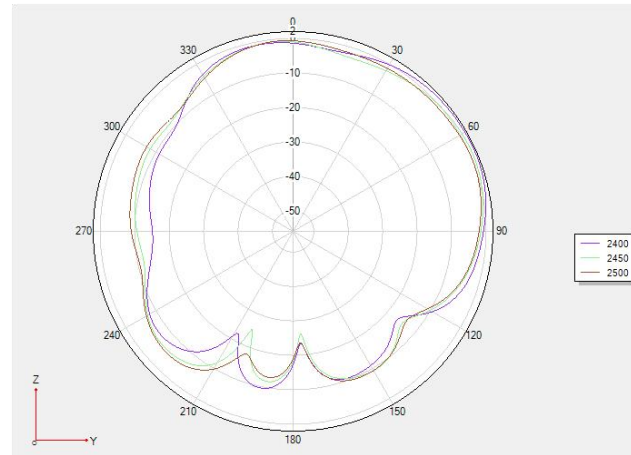
Frequency	Efficiency (%)	Gain. (dBi)
2400MHz	33.96	1.71
2410MHz	31.33	1.24
2420MHz	35.65	1.93
2430MHz	30.55	1.12
2440MHz	33.73	1.31
2450MHz	29.58	0.75
2460MHz	31.62	0.92
2470MHz	28.77	0.53
2480MHz	30.97	0.56
2490MHz	28.64	0.46
2500MHz	28.12	-0.03

2D3D image of antenna test

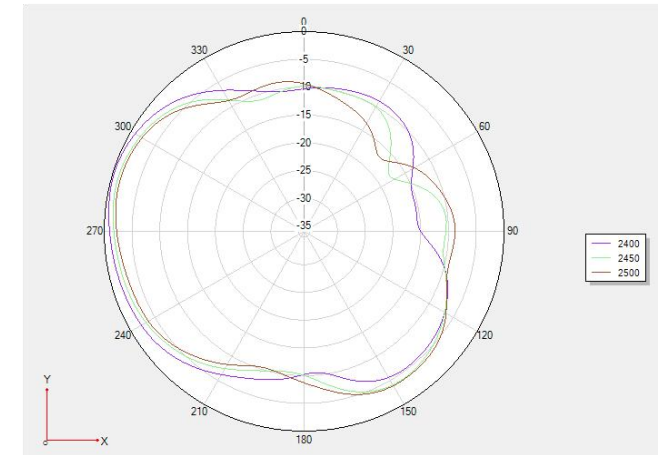
Phi 0 2D



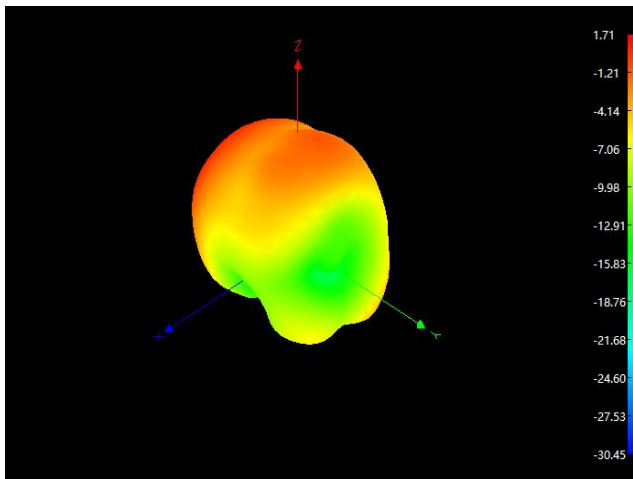
Phi 90 2D



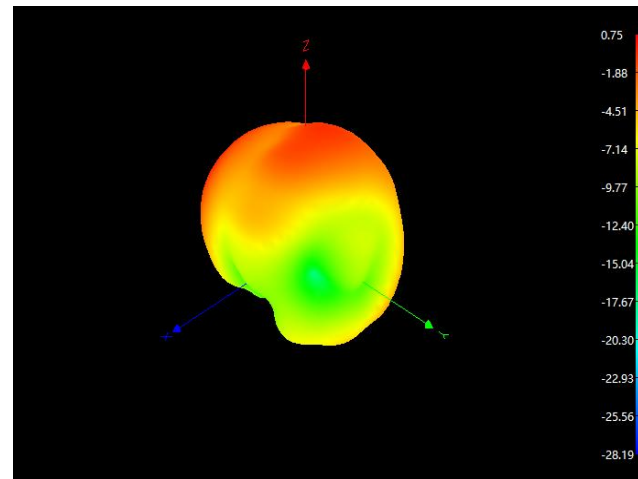
Theta 90 2D



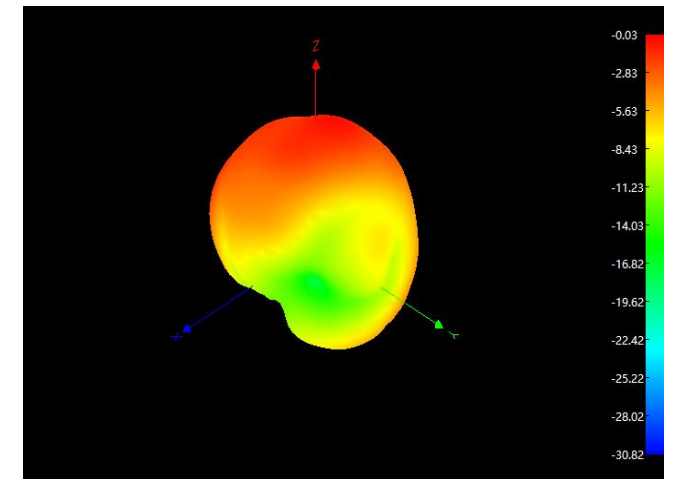
2400



2450



2500



Wifi Antenna

