



Shenzhen Yingjia Chuang Electronic Technology Co., Ltd

Product antenna commissioning report

Time: April 28, 2022

Proposed system: Huang Zhiwei

Audit: Fang Wenfeng

Approval: Xiao Han

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一、Project Overview

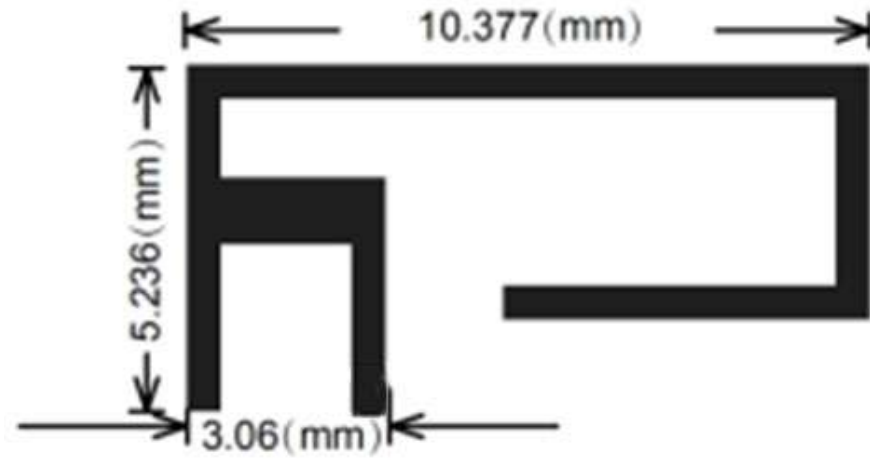
Customer name	Project name	Antenna Type
802	SRC-2205	PCB Antenna
Work frequency band (MHz)		
2.4G	2400-2500 MHz	

Directory

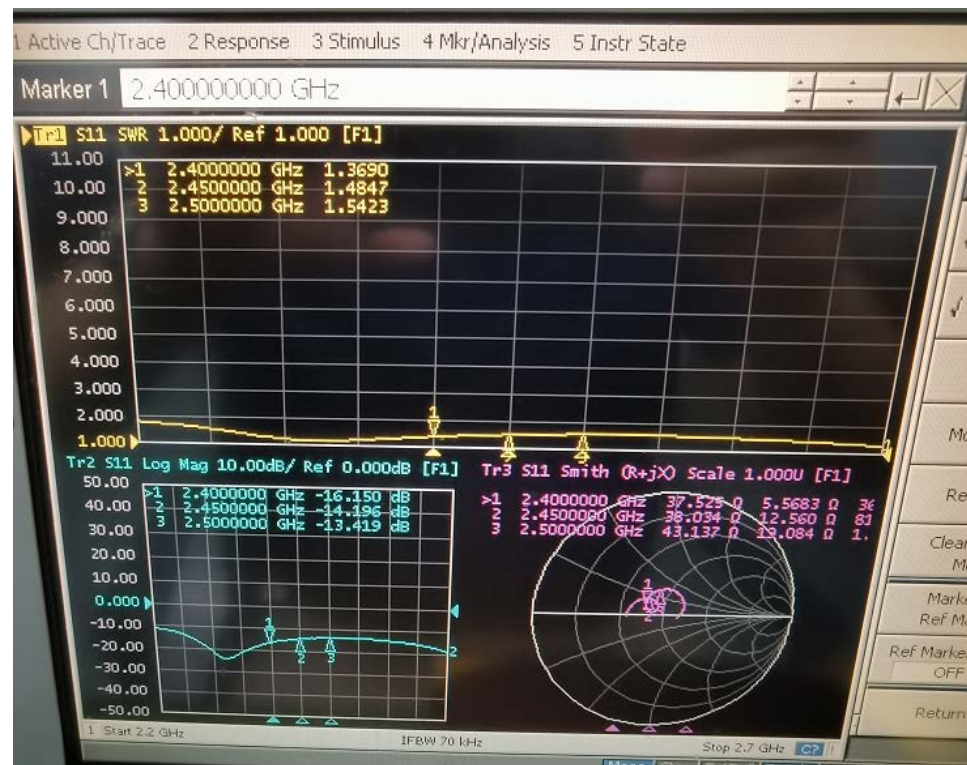
4 .Network division test resident wave map

5 .Passive data

6 .Passive 2D, 3D Fig



Network division test resident wave map:

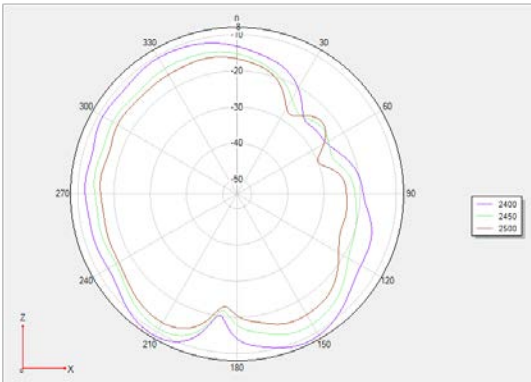


2.4G Passive test data:

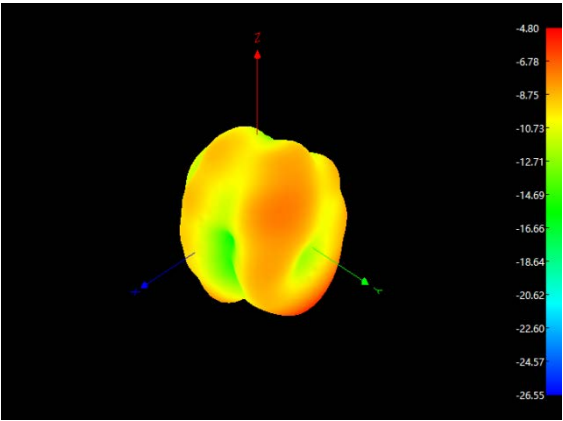
Frequency(MHz)	Efficiency (%)	Gain.(dBi)
2400MHz	7.31	-4.8
2410MHz	6.75	-5.45
2420MHz	5.6	-5.69
2430MHz	4.85	-6.76
2440MHz	4.35	-7.06
2450MHz	4.12	-7.41
2460MHz	3.51	-7.71
2470MHz	3.04	-8.55
2480MHz	2.79	-8.72
2490MHz	2.7	-9.48
2500MHz	2.33	-9.53

Antenna test 2D3D diagram:

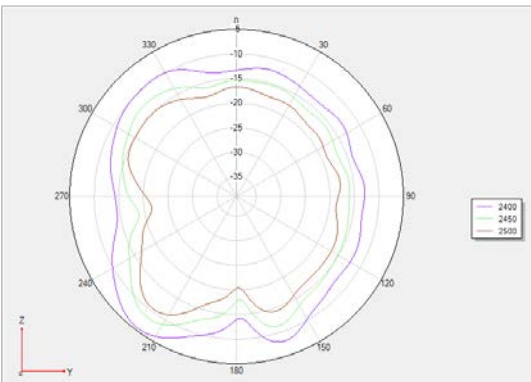
Phi02D graph



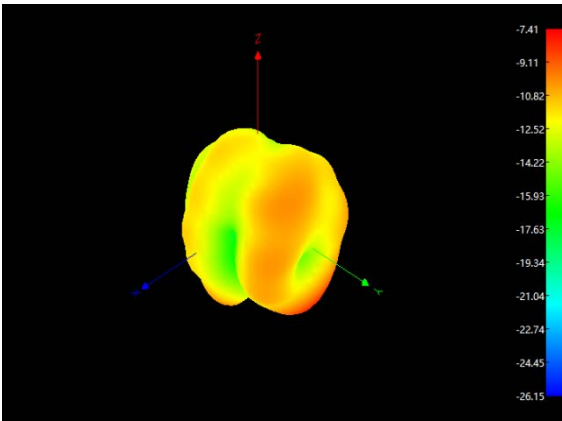
2400



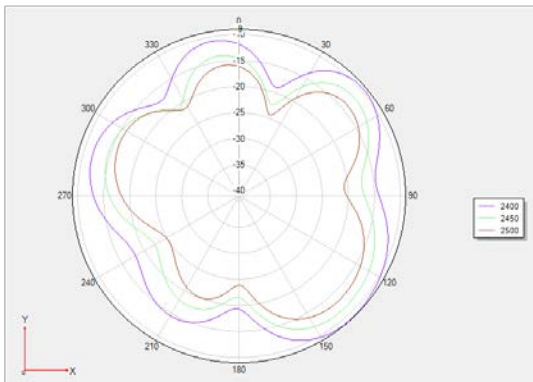
Phi902D graph



2450



Theta902D graph



2500

