



深圳市英佳创电子科技有限公司

Shenzhen Yingjiachuang Electronic Technology Co., LTD

Product antenna commissioning report

Date: May 23, 2023

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—. Project Overview

CustomerName	Project Name	Antenna implementation method
802	S1622A4359	Onboard antenna
working frequency range (MHz)		
2.4G	2400–2500 MHz	

catalogue:

1. Cover..... 1

2. Project Overview..... 2

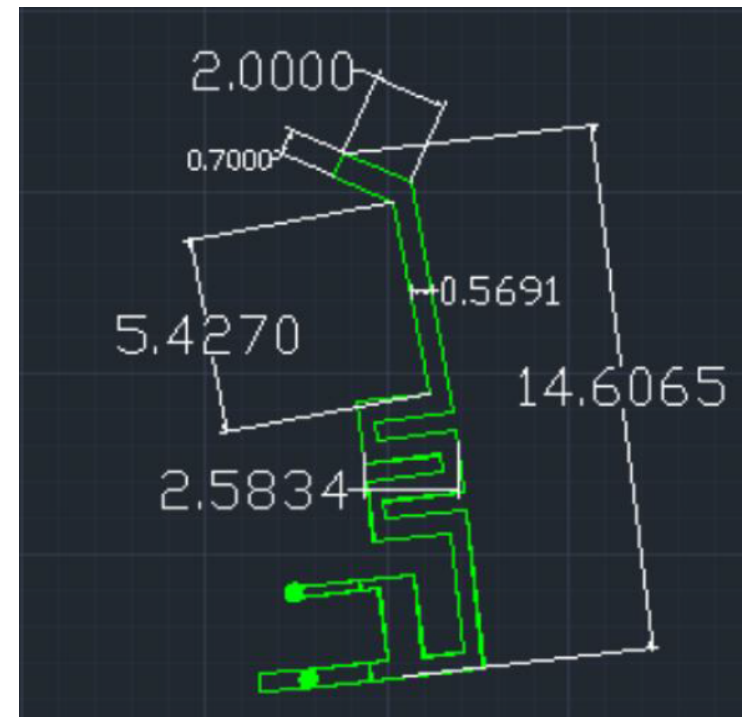
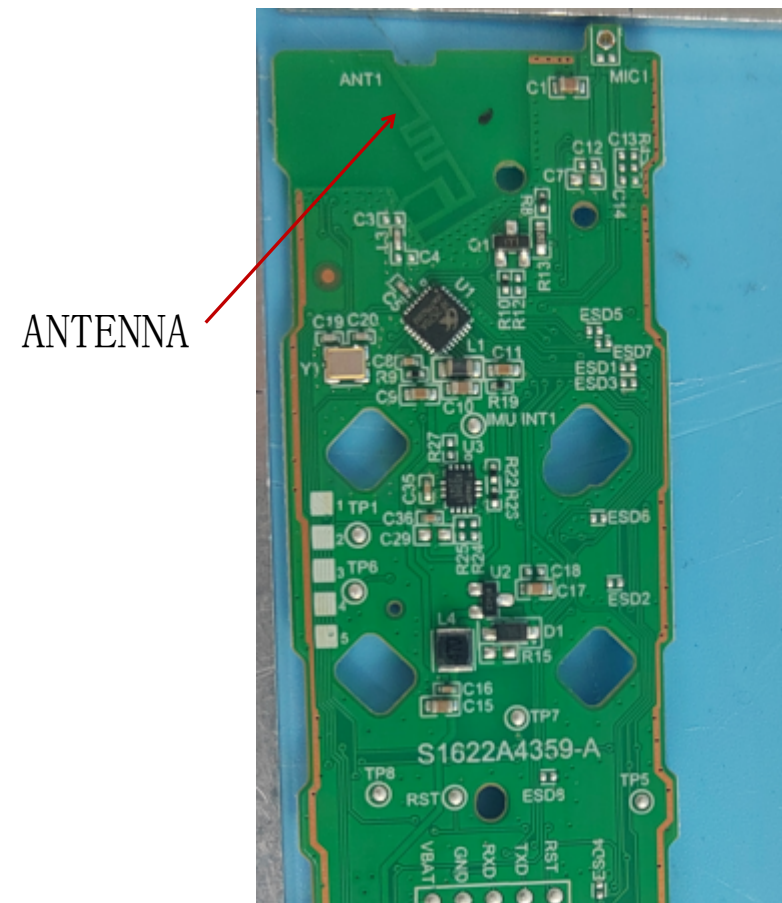
3. Table of Contents..... 3

4. Original antenna 2.4G location diagram. Performance test chart. Passive test data.2D 3D chart
Active test data... Four to eight..... 4-8

5. New antenna 2.4G location diagram. Performance test chart. Passive test data.2D 3D chart
Active test data... 9-13

6. New antenna change diagram..... 14

New antenna position diagram



Unit: mm

New antenna performance test diagram

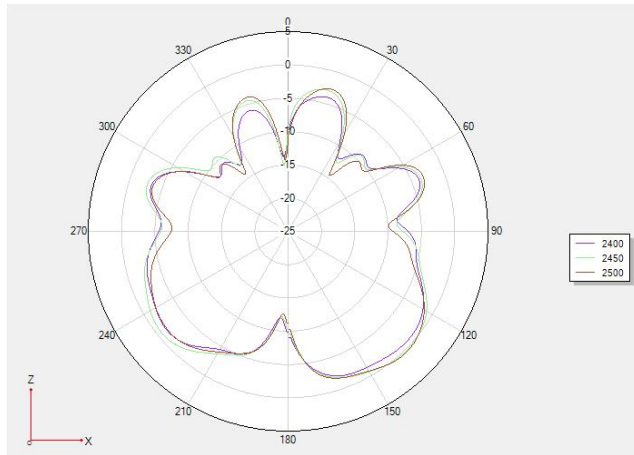


2.4G passive test data of new antenna

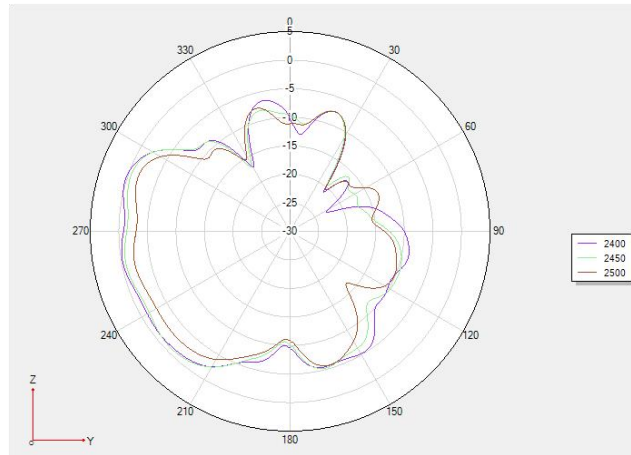
Frequency / MHz	Efficiency / %	Gain/ dBi
2400	39.87	1.31
2410	40.04	1.32
2420	41.12	1.45
2430	42.73	1.53
2440	43.81	1.65
2450	44.81	1.67
2460	46.98	1.75
2470	44.24	1.62
2480	42.14	1.56
2490	42.07	1.55
2500	41.36	1.42

New antenna test 2D3D image

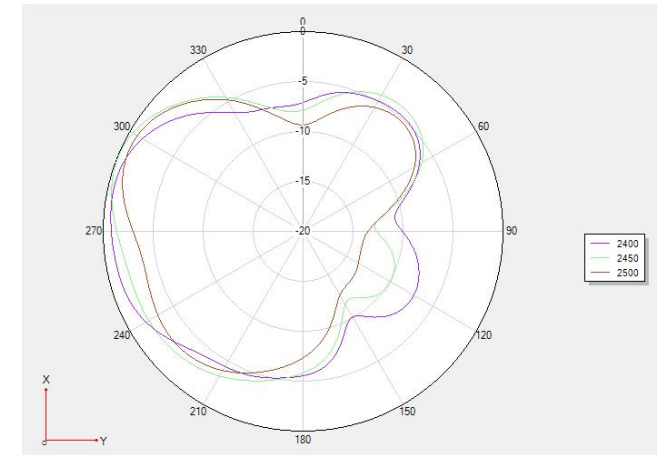
Phi 0 2Dgraph



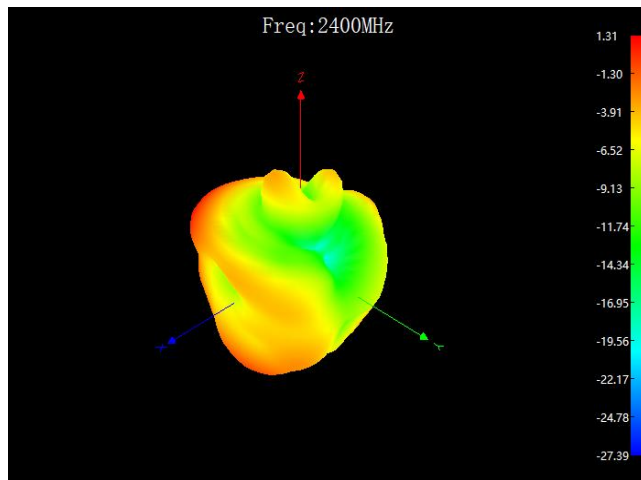
Phi 90 2Dgraph



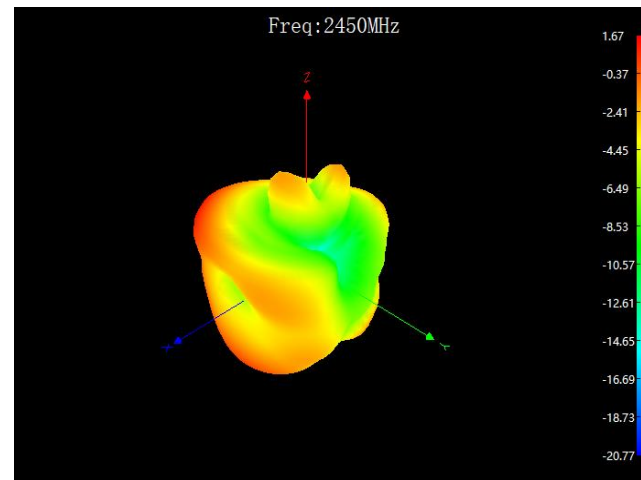
Theta 90 2Dgraph



2400



2450



2500

