



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 20, 2023

Proposed system: Huang Zhiwei

Audit: Fang Wenfeng

Approval: Xiao Han

Shenzhen company address: building A.C, guangming valley, hongyu guangming valley, no. 11, jiangyou magang, shiwei community, matantian office, guangming district, shenzhen

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

Telephone: 0755-27810060

Fax : 0755-27810057

Company website: <http://www.szsyjc.com>

E-mail: yjc@szsyjc.com

—. Project Overview

CustomerName	Project Name	Antenna implementation method
G508	C101A4317	Onboard antenna
working frequency range (MHz)		
2.4G	2400–2500 MHz	

catalogue:

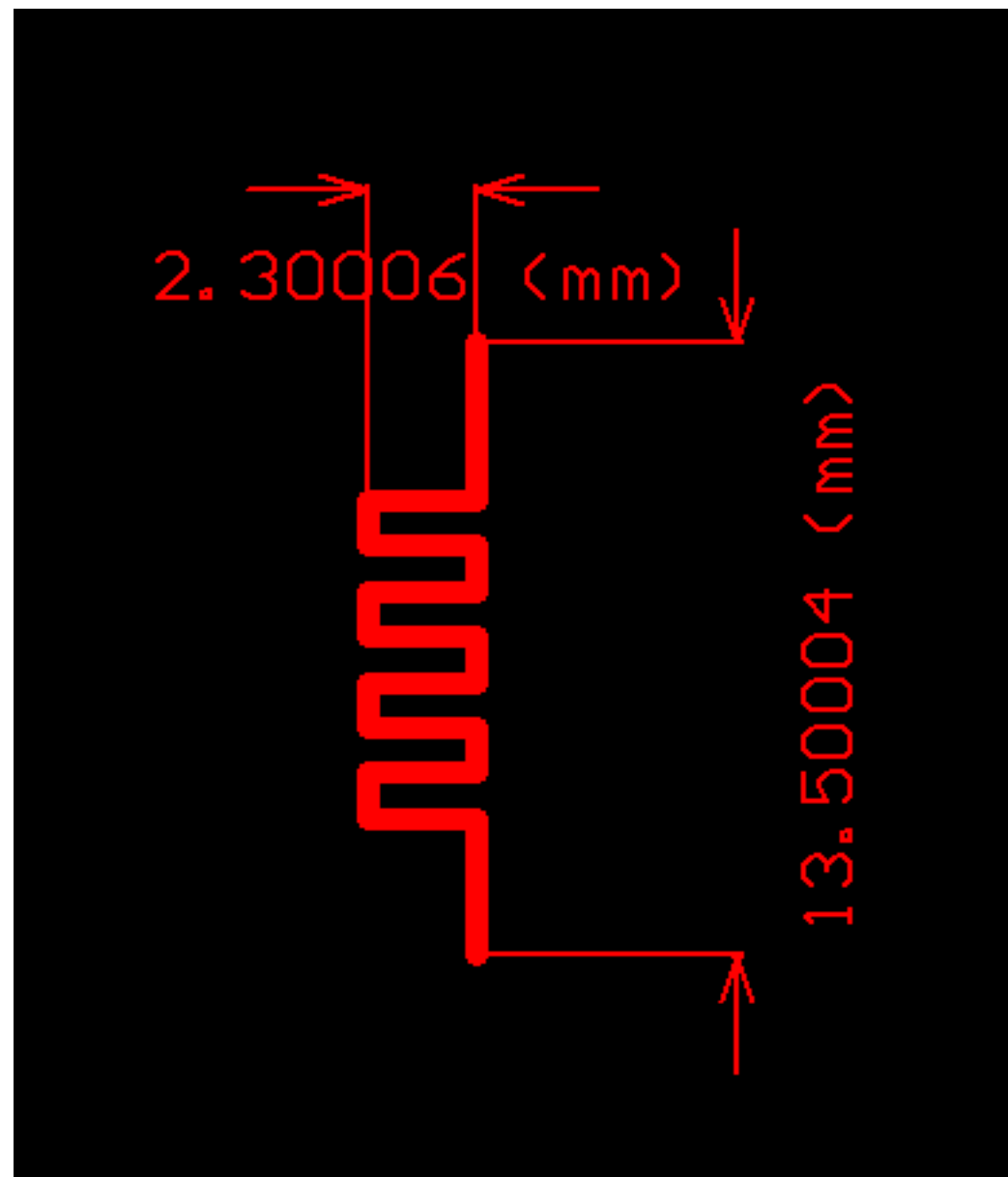
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Antenna size



Antenna performance test chart

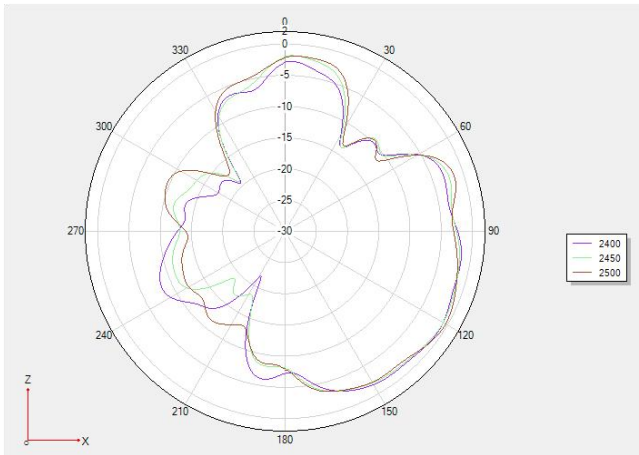


2.4G passive test data of antenna

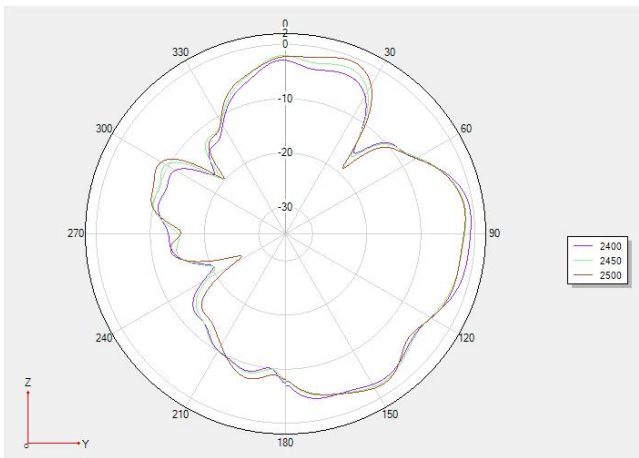
Frequency / MHz	Efficiency / %	Gain/ dBi
2400	37.35	1.72
2410	39.04	1.73
2420	39.99	1.75
2430	40.41	1.82
2440	41.04	1.86
2450	40.5	1.84
2460	39.2	1.93
2470	38.51	2.03
2480	37.88	2
2490	36.59	2.12
2500	35.79	2.24

New antenna test 2D3D image

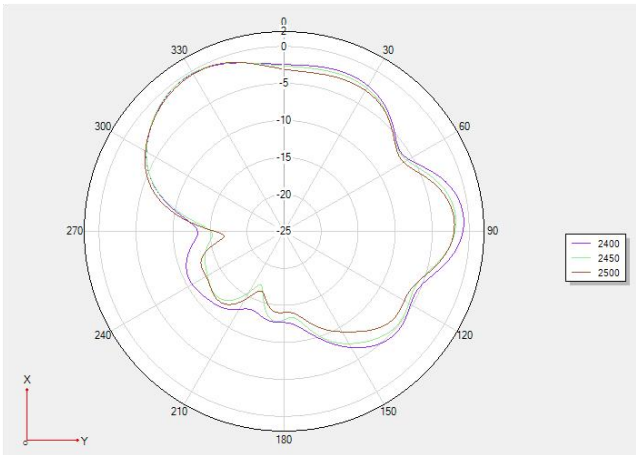
Phi 0 2Dgraph



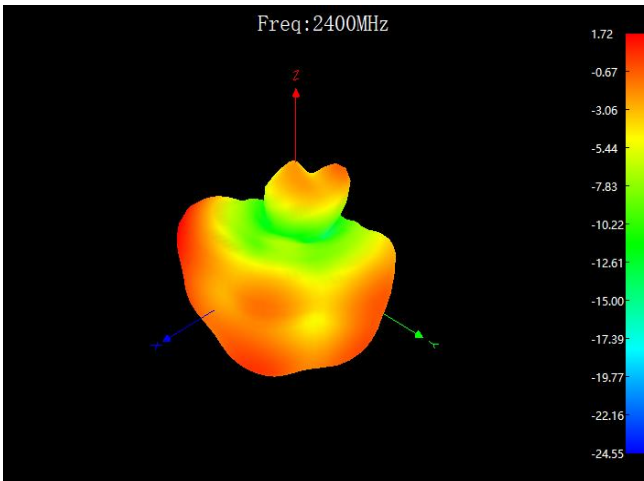
Phi 90 2Dgraph



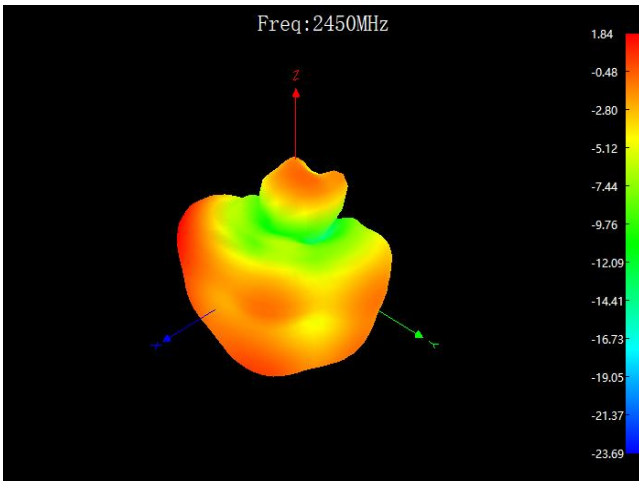
Theta 90 2Dgraph



2400



2450



2500

