



深圳市英佳创电子科技有限公司

Shenzhen Yingjia Chuang Electronic Technology Co., Ltd

Product antenna commissioning report

Time: On August 9, 2022

Proposed system: Huang Zhiwei

Audit: Fang Wenfeng

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一、Project Overview

Customer name	Model name	Antenna implementation
802	S11	On-board antenna
Work frequency band (MHz)		
2.4G	2400-2500 MHz	

Antenna S11 test diagram:

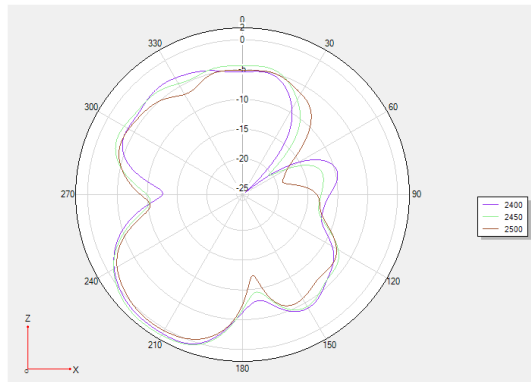


2.4G Passive test data:

Frequency (MHz)	Efficiency (%)	Gain. (dBi)
2400MHz	42.85	2.16
2410MHz	45.29	2.55
2420MHz	46.77	2.44
2430MHz	47.42	2.66
2440MHz	45.29	2.2
2450MHz	46.67	2.29
2460MHz	45.81	1.98
2470MHz	43.85	1.98
2480MHz	41.11	1.49
2490MHz	40.46	1.56
2500MHz	37.41	0.85

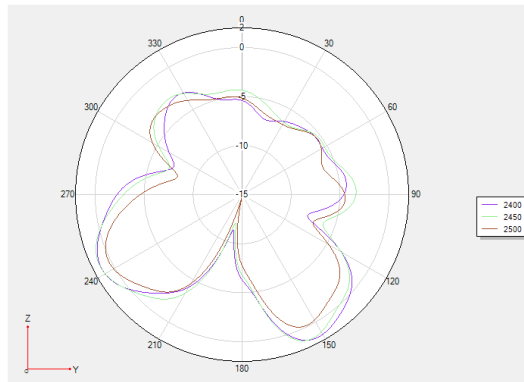
Antenna test 2D3D diagram:

Phi02D graph



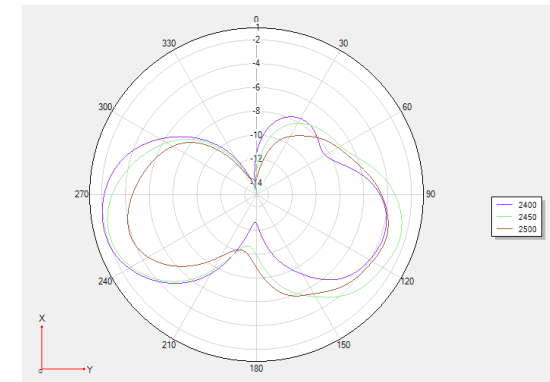
2400

Phi902D graph



2450

Theta902D graph



2500

