



Shenzhen Yingjia Chuang electronic
technology Co.,LTD
Product antenna commissioning report

Date: February 11, 2023

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一、Project overview

customer name	project name	Antenna implementation mod
1063	SC311	built-in aerial
operating(MHz)		
2.4G	2400-2500 MHz	

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Antenna standing wave pattern

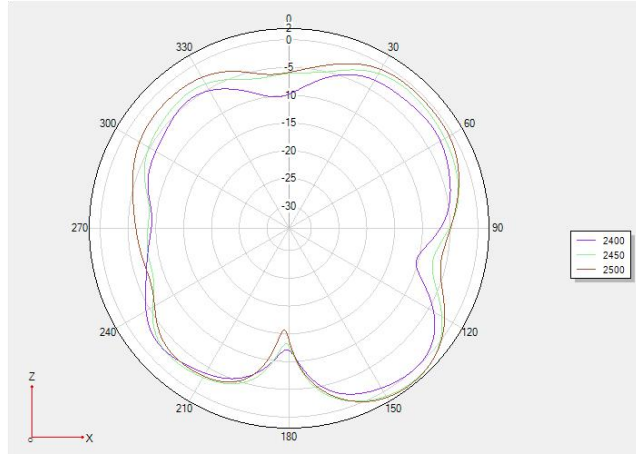


Antenna 2.4G passive test data

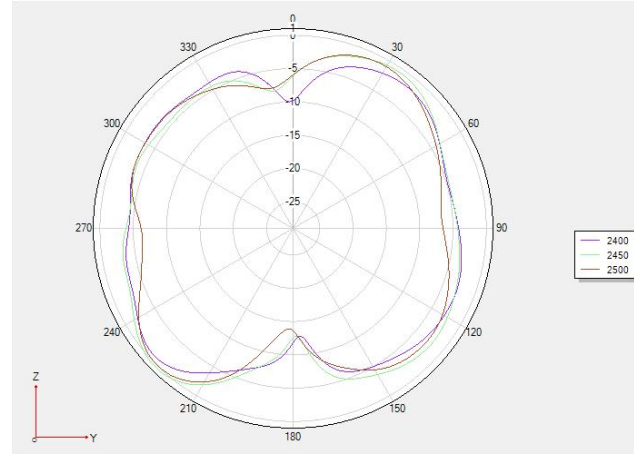
Frequency	Efficiency / %	Gain/ dBi
2400MHz	39.54	0.78
2410MHz	44.87	1.81
2420MHz	38.9	1
2430MHz	43.15	1.4
2440MHz	37.24	0.84
2450MHz	46.88	2.15
2460MHz	42.27	1.63
2470MHz	45.92	1.97
2480MHz	41.78	1.86
2490MHz	46.03	2.21
2500MHz	44.06	1.89

Antenna test 2D3D diagram

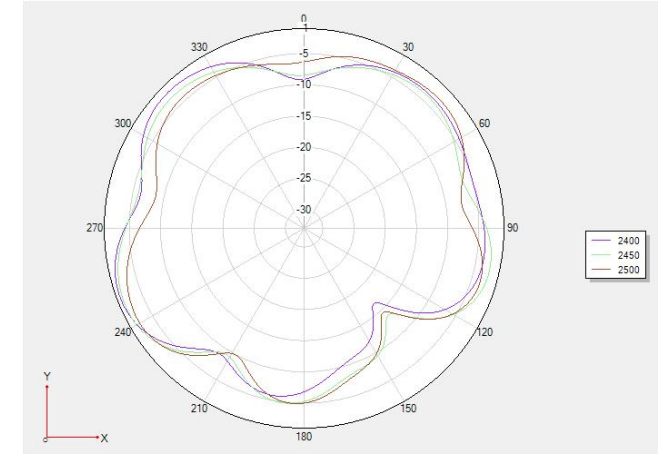
Phi 0 2D



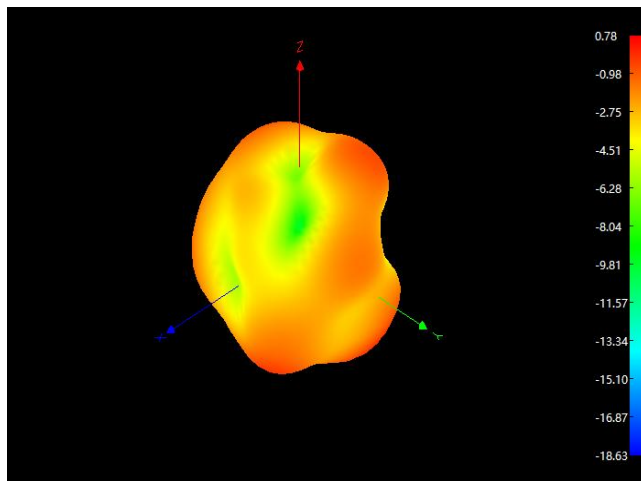
Phi 90 2D



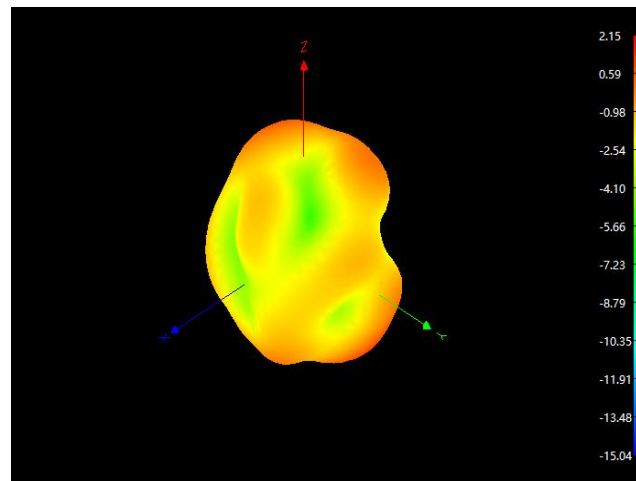
Theta 90 2D



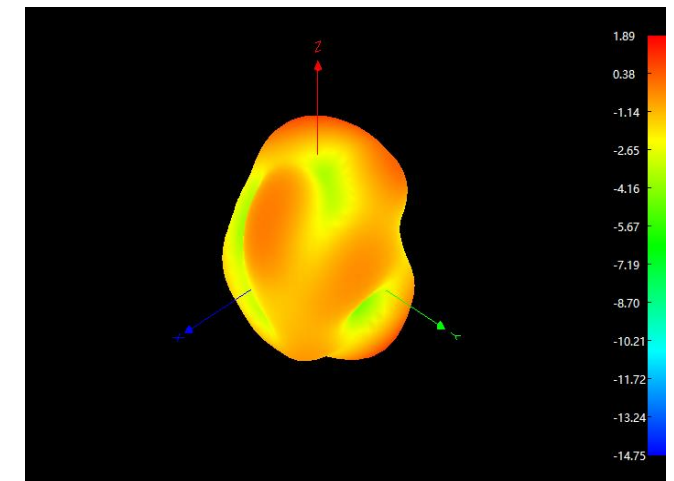
2400



2450



2500



Buletooth Antenna

