



Shenzhen yingjiachuang electronic technology co., ltd

Product antenna adjustment report

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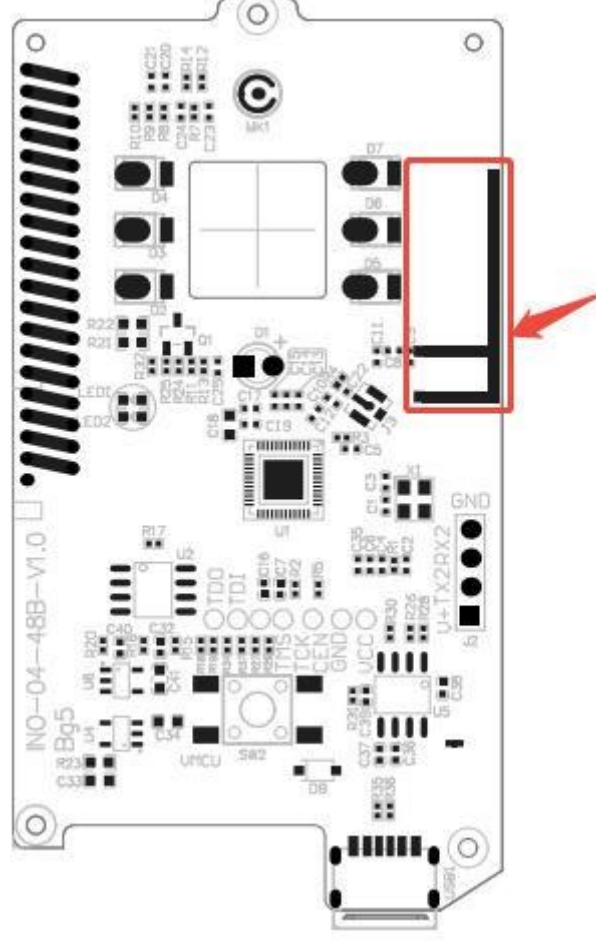
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I. Overview of the Project

Antenna Model	Project name	Antenna implementation mode
1351	video door phone	Onboard antenna
Working frequency band (MHz)		
built-in aerial	2400-2500	MHz

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Antenna test chart

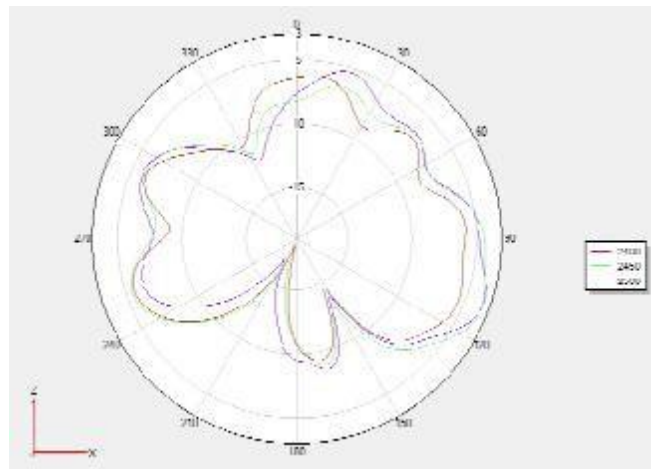


2.4G passive test data

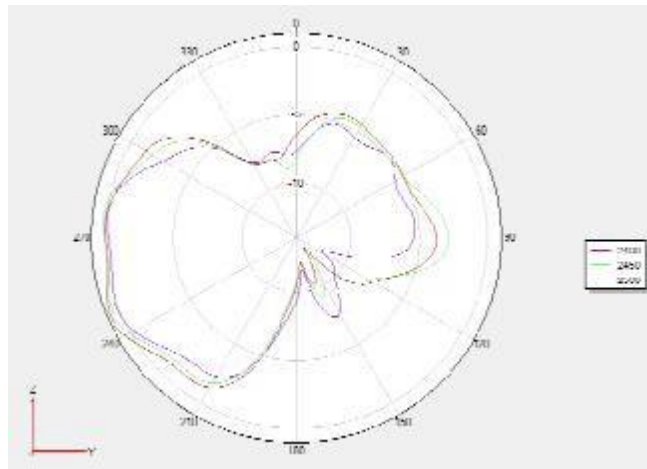
Frequency	Efficiency (%)	Gain. (dBi)
2400MHz	40.82	1.13
2410MHz	41.46	1.24
2420MHz	41.69	1.47
2430MHz	41.78	1.82
2440MHz	41.3	1.64
2450MHz	43.35	1.59
2460MHz	43.55	1.75
2470MHz	44.36	2.18
2480MHz	43.35	1.97
2490MHz	46.24	2.23
2500MHz	44.87	2.01

Antenna test 2D3D diagram

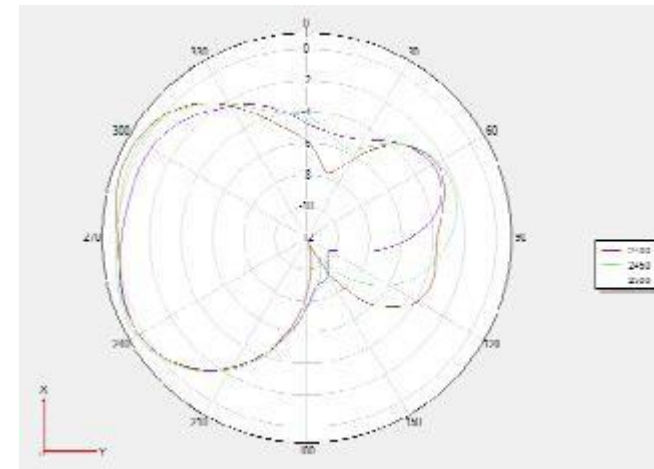
Phi 0 2D diagram



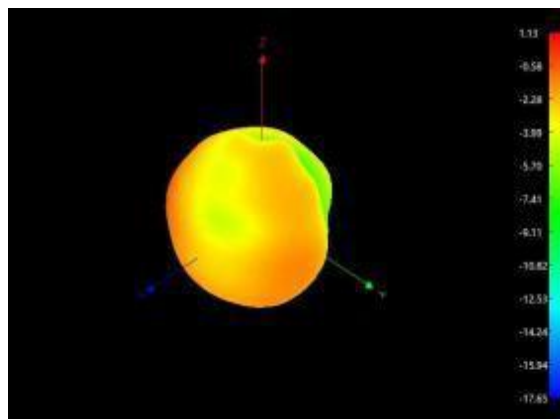
Phi 90 2D diagram



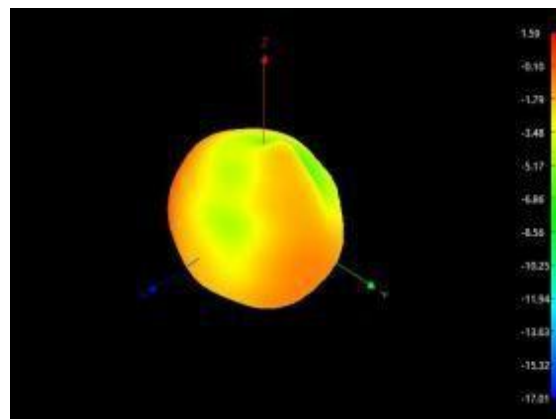
Theta 90 2D diagram



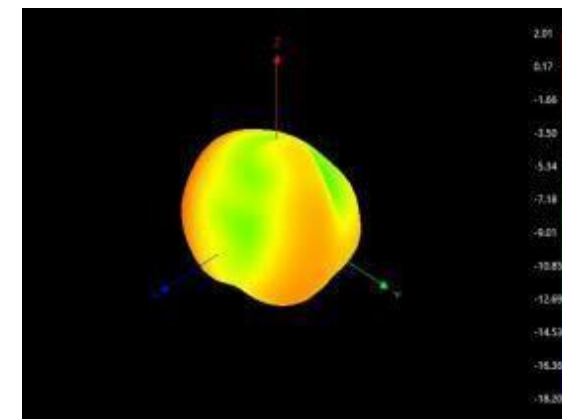
2400



2450



2500



Physical map of antenna

