

Shenzhen Yitian Technology Co., Ltd.

Product antenna adjustment report

1. Project Overview

Customer Name	Project Name	Antenna implementation
/	/	Onboard antenna
Operating frequency band (MHz)		
2.4G	2 400-2500 MHz	

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4. Onboard antenna
diagram

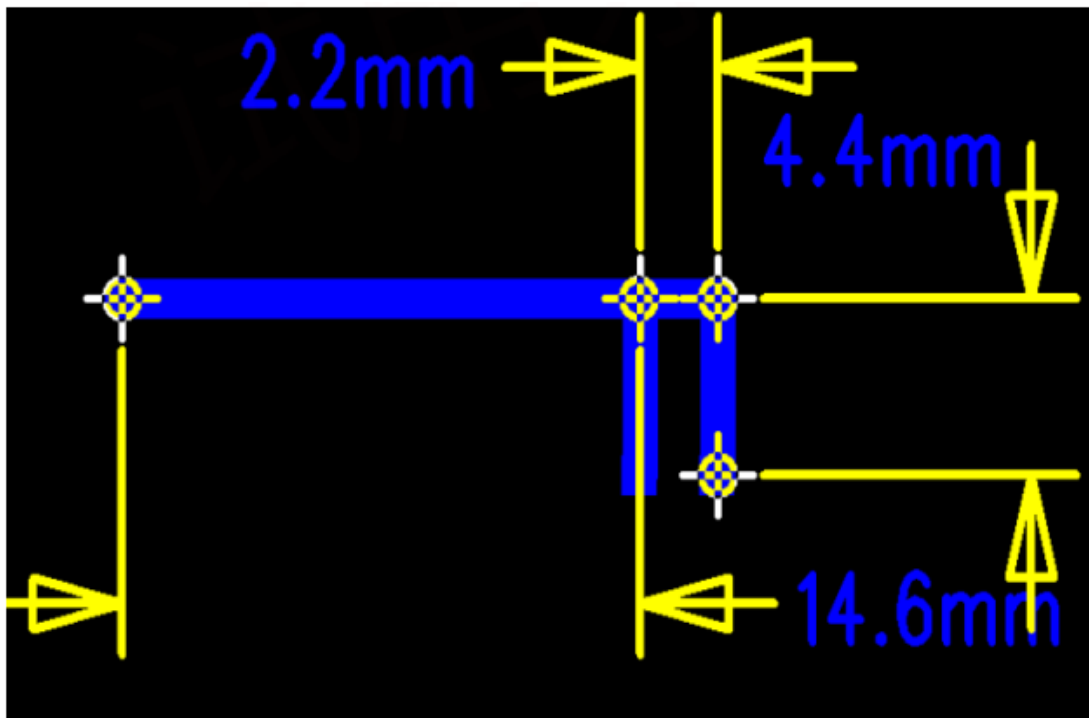
5. Network test
standing wave

diagram 6.

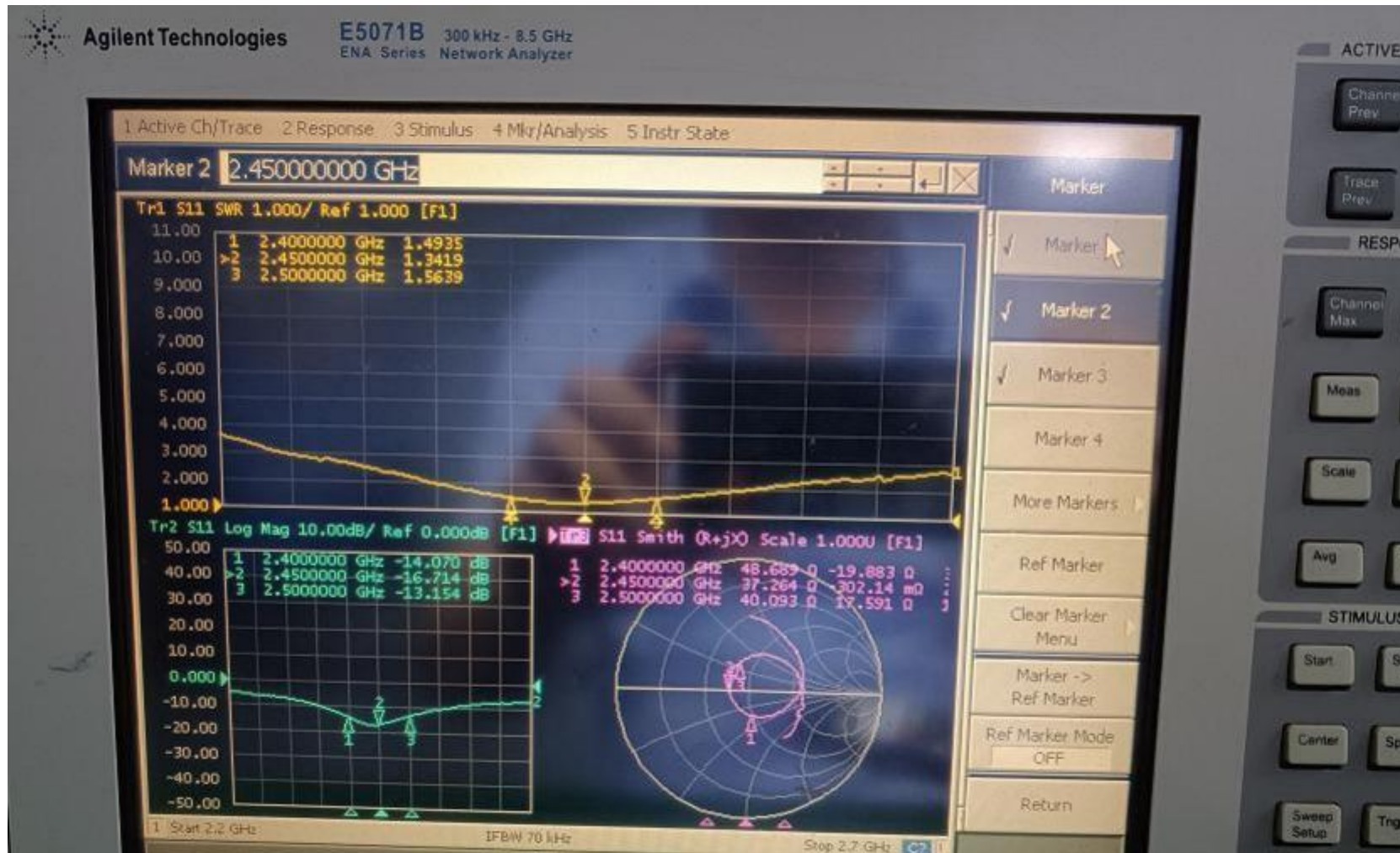
Passive data

7. Passive 2D, 3D
images

Actual picture of the onboard
antenna



Network distribution test standing wave diagram

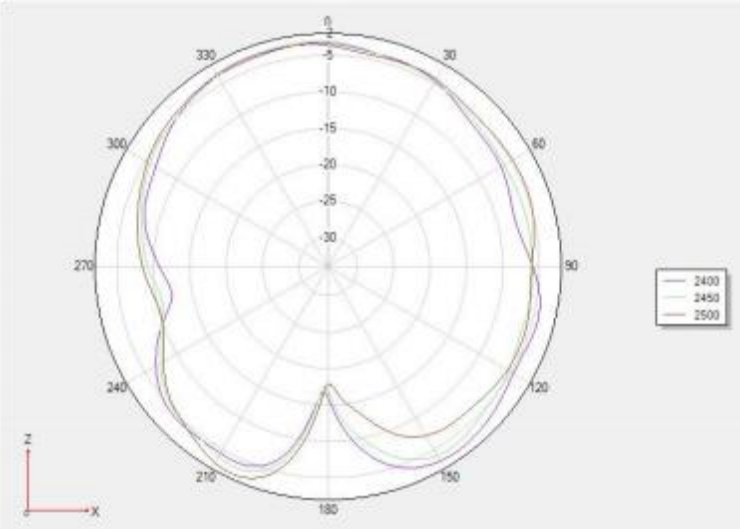


2.4G passive test data

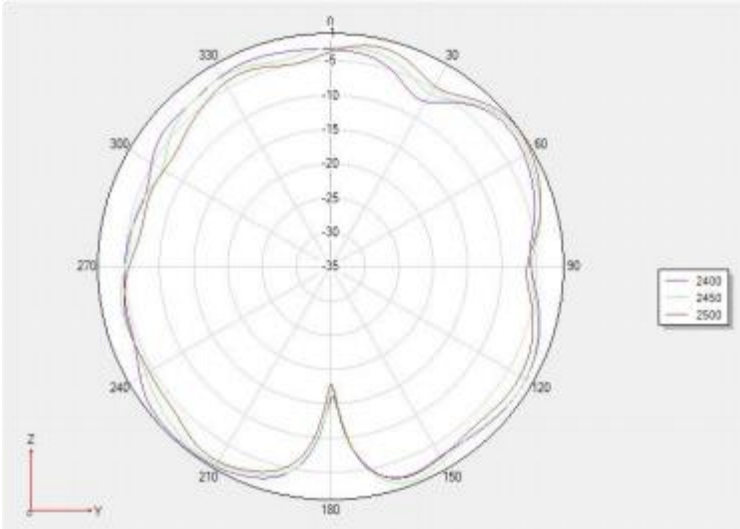
Frequency	Efficiency (%)	Gain . (dBi)
2400 MHz	38.19	1.71
2410 MHz	39.17	1.99
2420MHz	39.72	1.74
2430MHz	39.26	1.62
2440MHz	40.74	1.88
2450MHz	42.17	2.18
2460MHz	41.5	2.05
2470MHz	41.5	2.07
2480MHz	42.07	2.47
2490 MHz	41.3	2.08
2500 MHz	40.09	1.87

Antenna test 2D 3D diagram

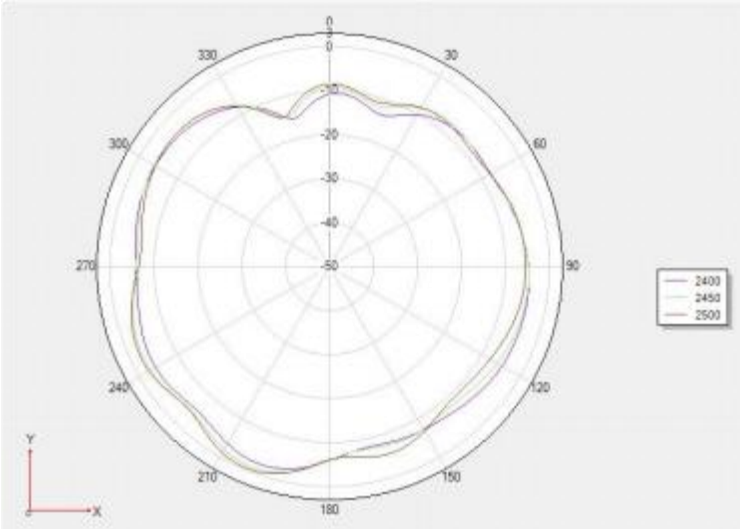
Phi 0 2 D Figure



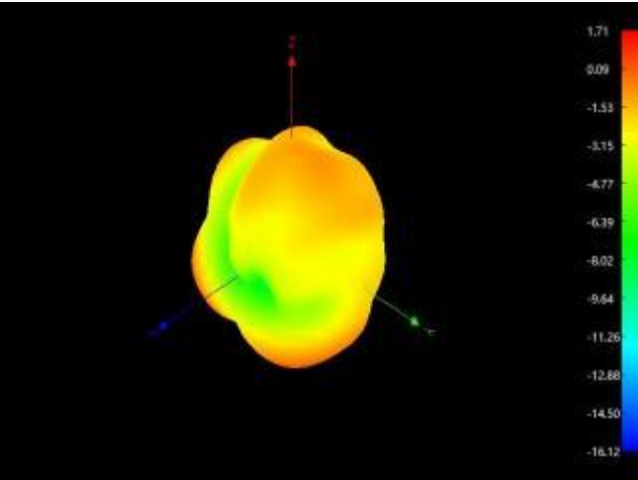
Phi 90 2 D Figure



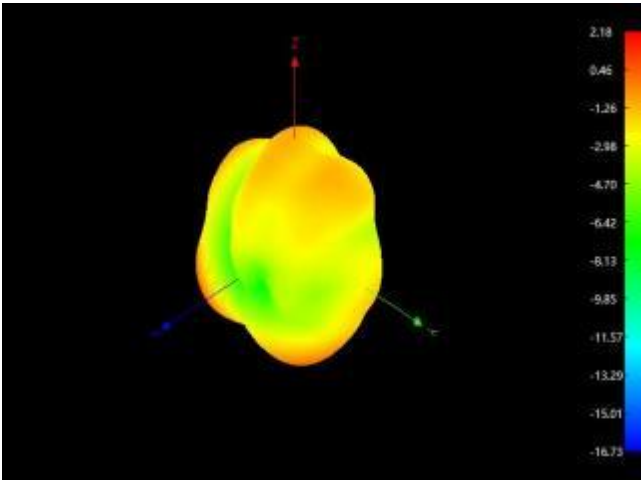
Theta 90 2 D Figure



24 00



24 50



25 00

