



深圳市英佳创电子科技有限公司

Shenzhen Yingjiachuang Electronic Technology Co., LTD

Product antenna commissioning report

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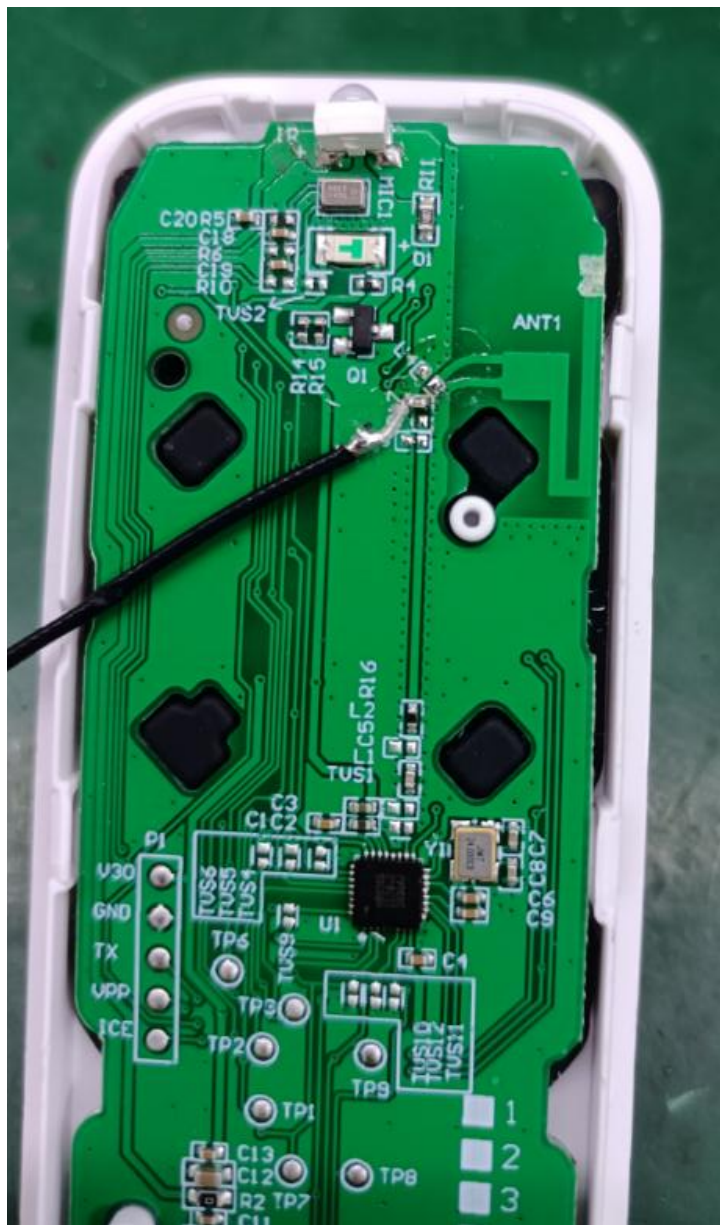
—. Project Overview

CustomerName	Project Name	Antenna implementation method
802	S1229	Onboard antenna
working frequency range (MHz)		
2.4G	2400–2500 MHz	

catalogue:

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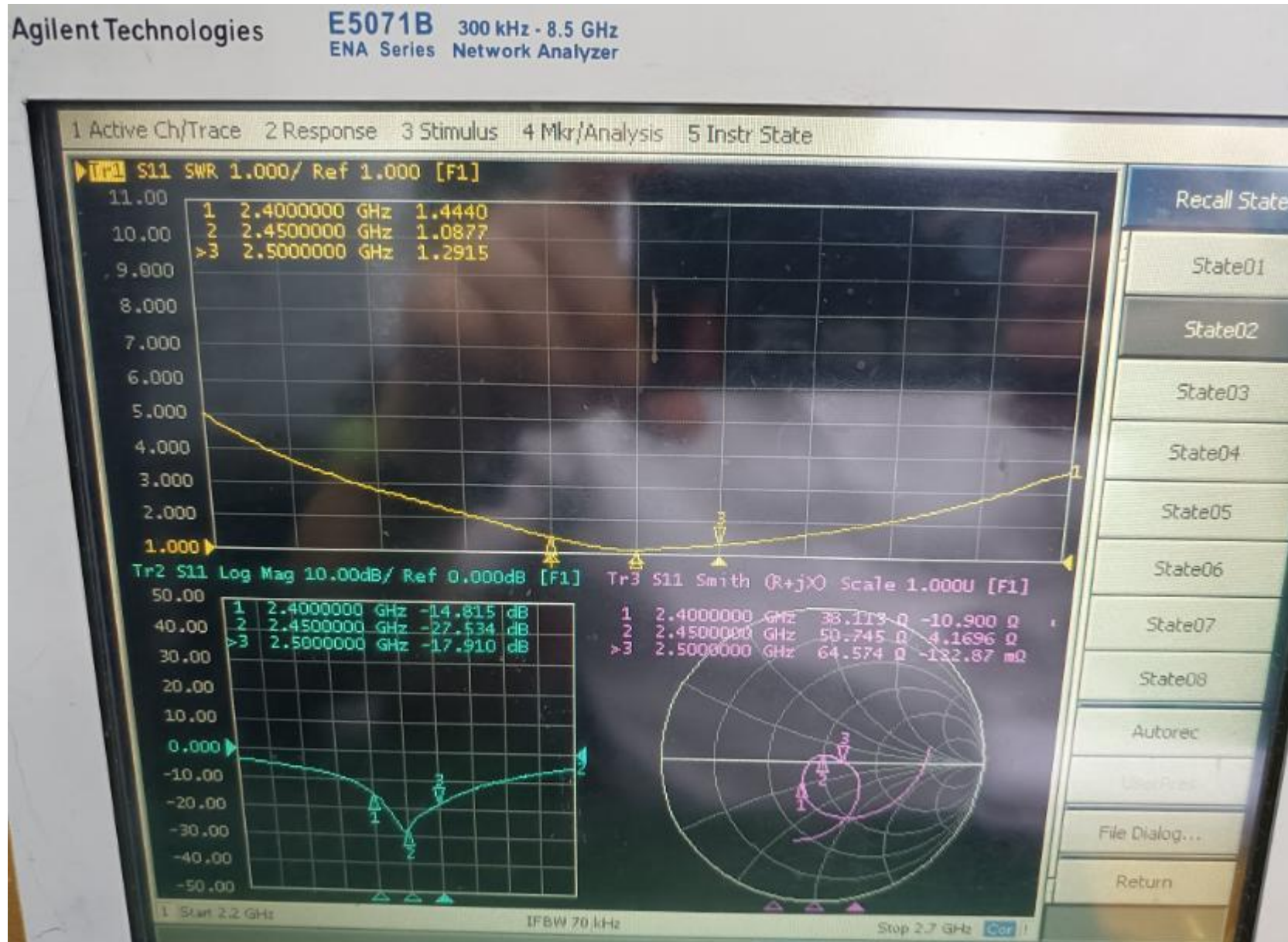
New antenna position diagram



R17 position string a 1.5pF capacitor



New antenna performance test diagram

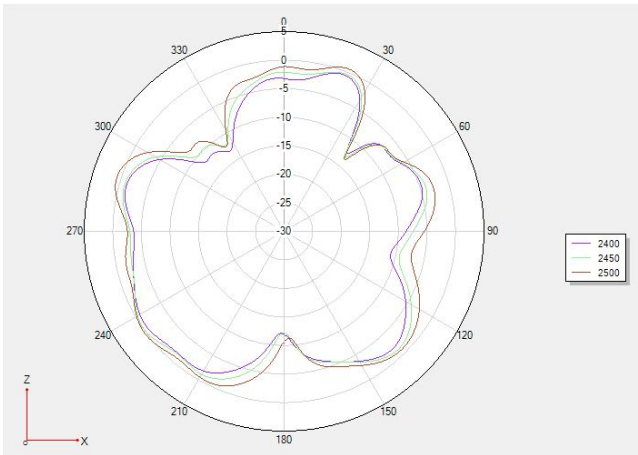


2.4G passive test data of new antenna

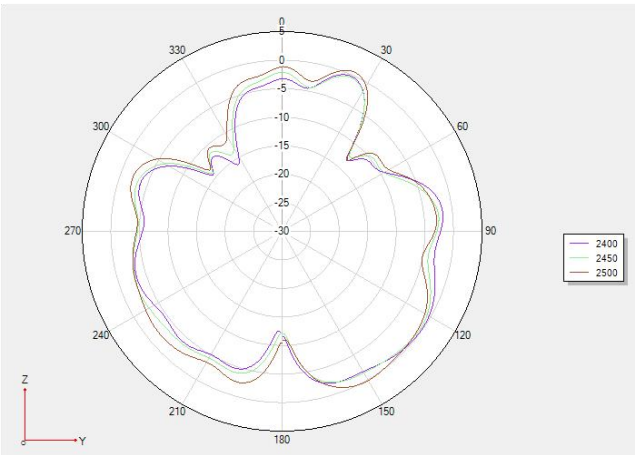
Frequency / MHz	Efficiency / %	Gain/ dBi
2400	46.56	1.82
2410	46.34	1.75
2420	44.36	1.92
2430	43.85	1.52
2440	42.66	1.46
2450	42.27	1.29
2460	42.36	1.26
2470	44.36	1.66
2480	44.36	1.55
2490	47.21	1.81
2500	41.78	1.84

New antenna test 2D3D image

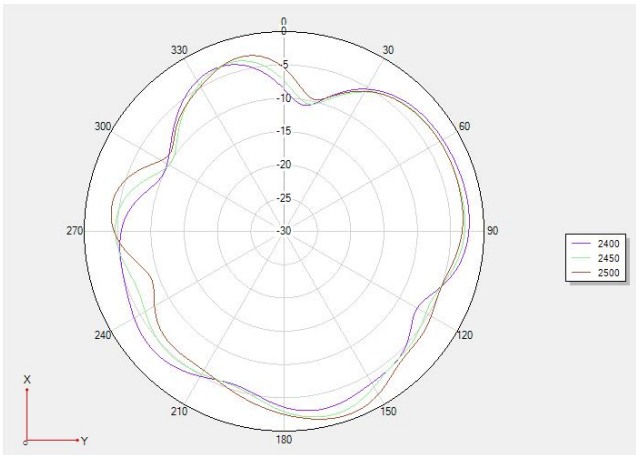
Phi 0 2Dgraph



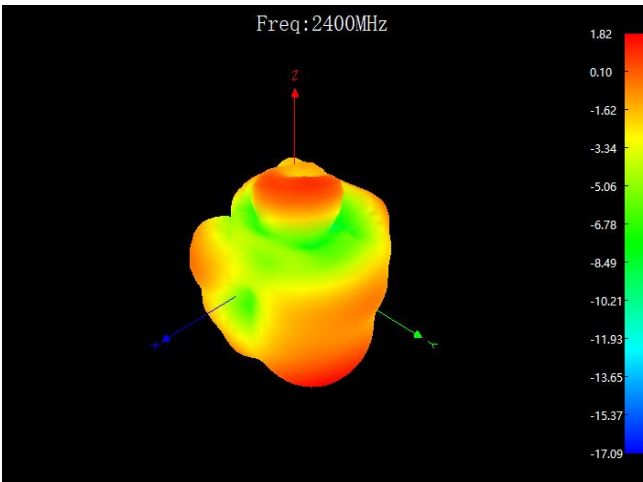
Phi 90 2Dgraph



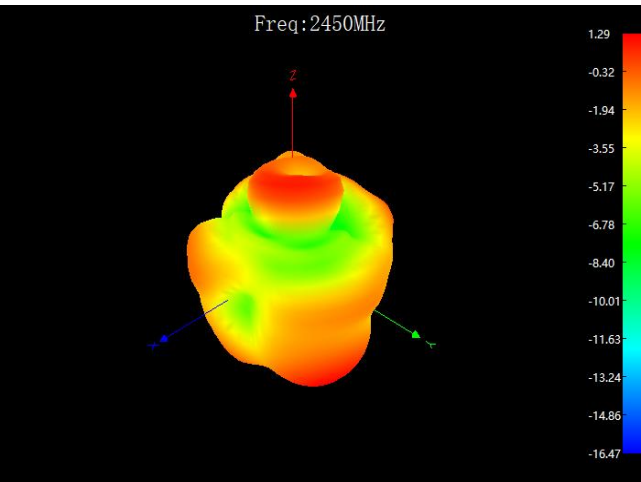
Theta 90 2Dgraph



2400



2450



2500

