



Shenzhen yingjiachuang electronic technology co., ltd

Product antenna adjustment report

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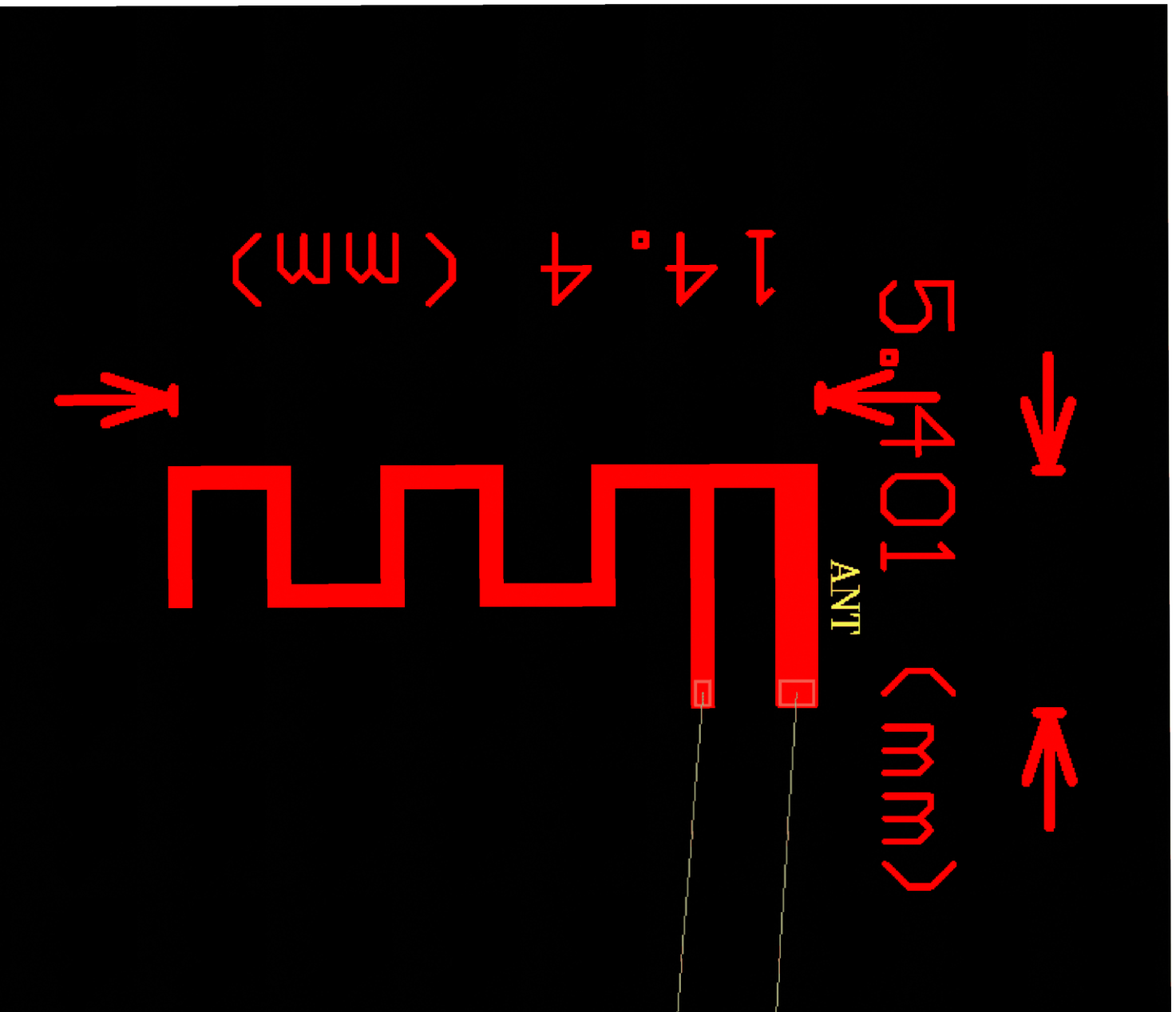
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I. Overview of the Project

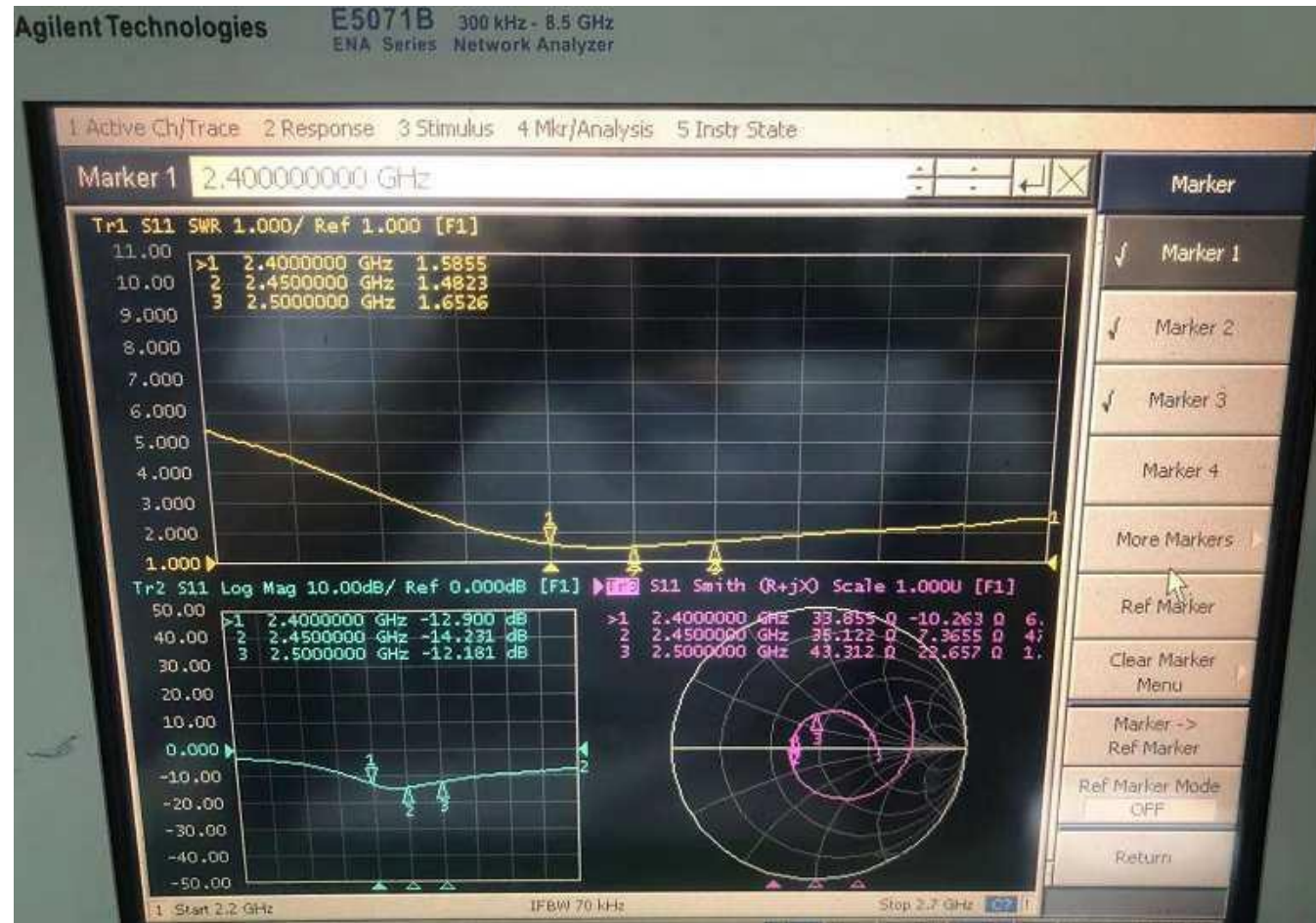
Model	Project name	Antenna implementation mode
1352	Shaking machine	Onboard antenna
Working frequency band (MHz)		
built-in aerial	2400-2500 MHz	

Directory:

1. Antenna size diagram
2. Antenna 1352 test chart
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Antenna A9 test chart

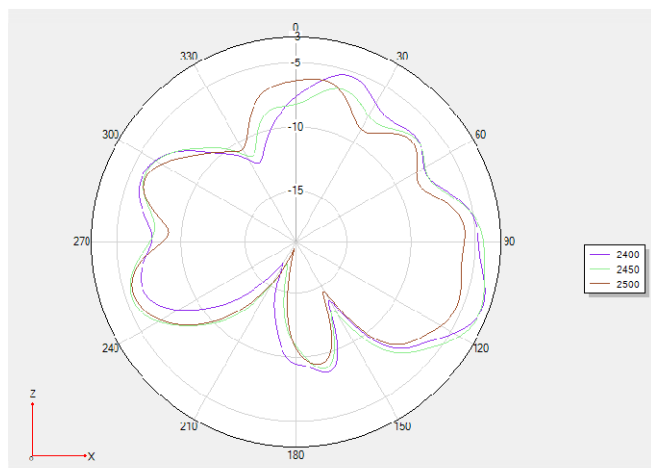


2.4G passive test data

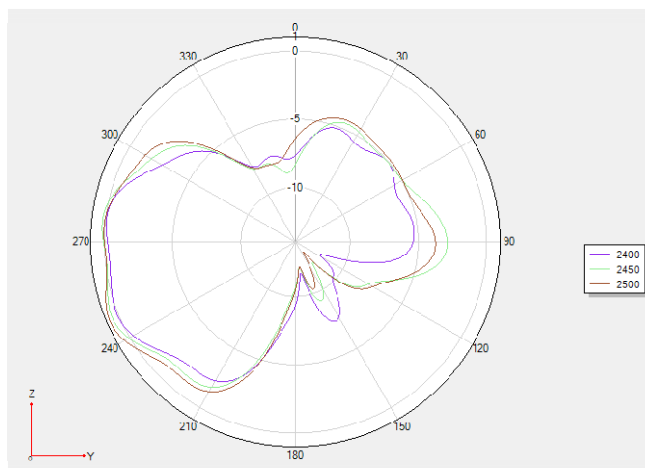
Frequency	Efficiency (%)	Gain. (dBi)
2400MHz	40.25	1.27
2410MHz	42.23	1.31
2420MHz	43.57	1.57
2430MHz	44.01	1.92
2440MHz	43.92	2.09
2450MHz	43.19	2.23
2460MHz	40.26	2.11
2470MHz	42.22	2.01
2480MHz	45.05	1.97
2490MHz	44.29	1.73
2500MHz	47.16	1.66

Antenna test 2D3D diagram

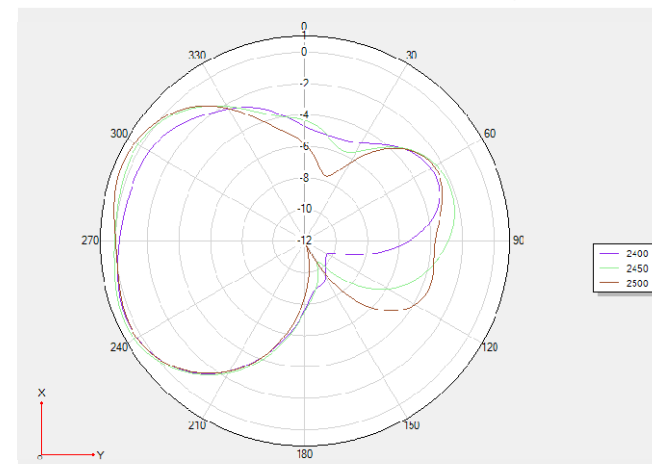
Phi 0 2D diagram



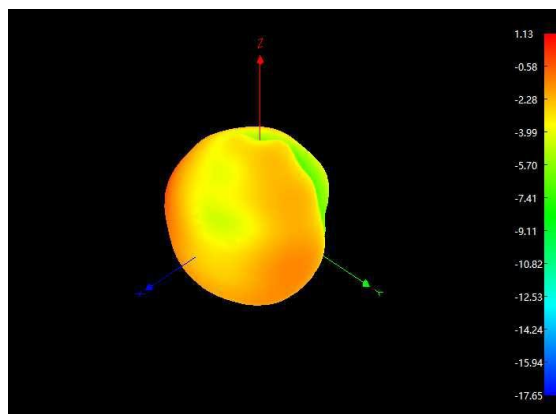
Phi 90 2D diagram



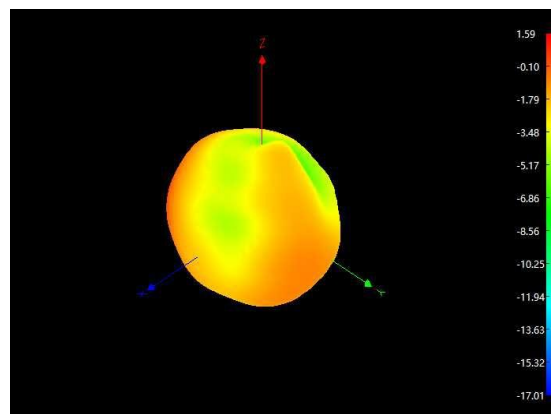
Theta 90 2D diagram



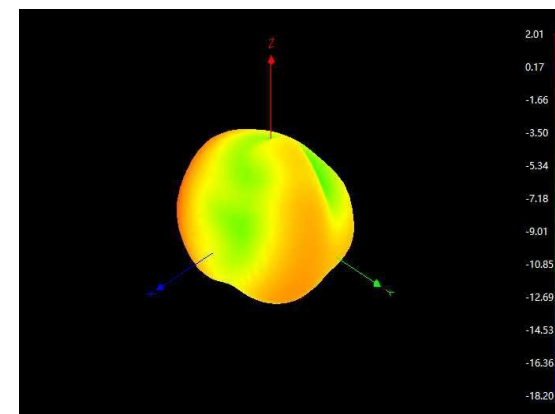
2400



2450



2500



Physical map of antenna

