



Manufacturer : Shenzhen Yingjiachuang Electronic Technology Co., Ltd.

Product Antenna Adjustment Report

Time: July 16, 2025

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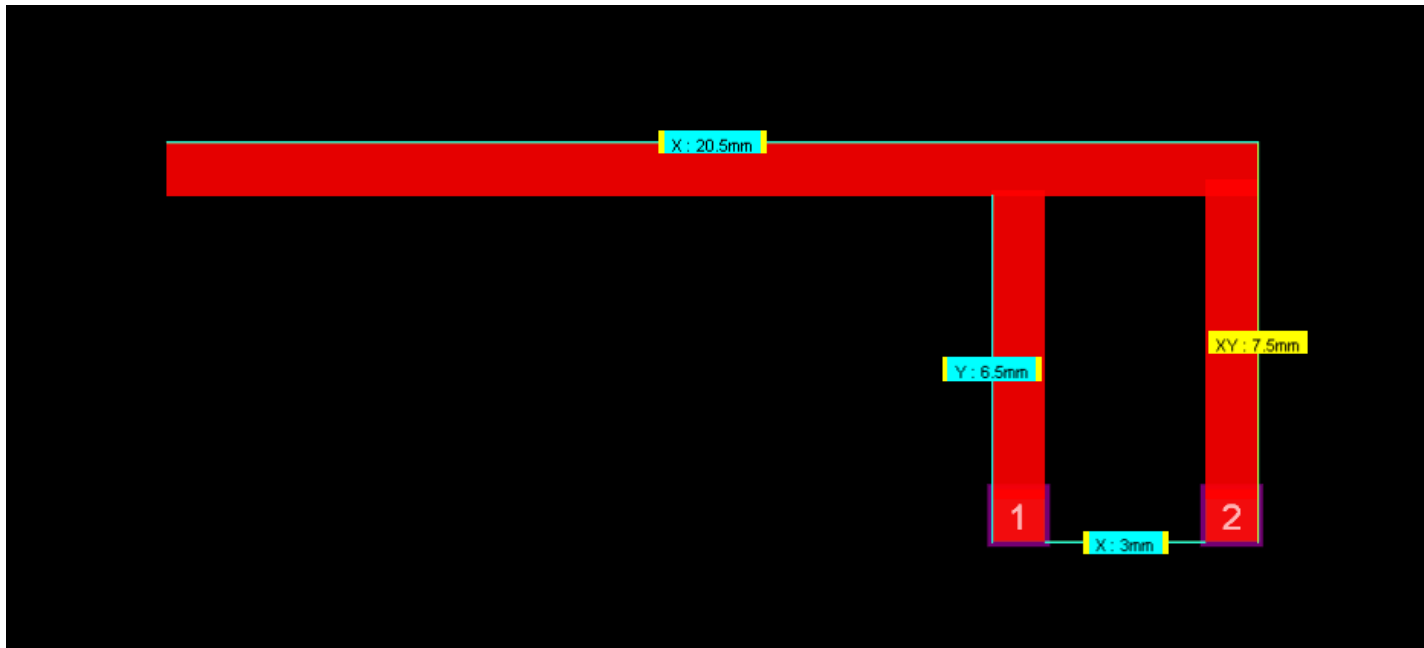
1. Project Overview

Customer Name	Model Type	Antenna Implementation
1351	E27 2.4G Onboard antenna	Onboard antenna
Working frequency band (MHz)		
Internal antenna	2400-2500 MHz	

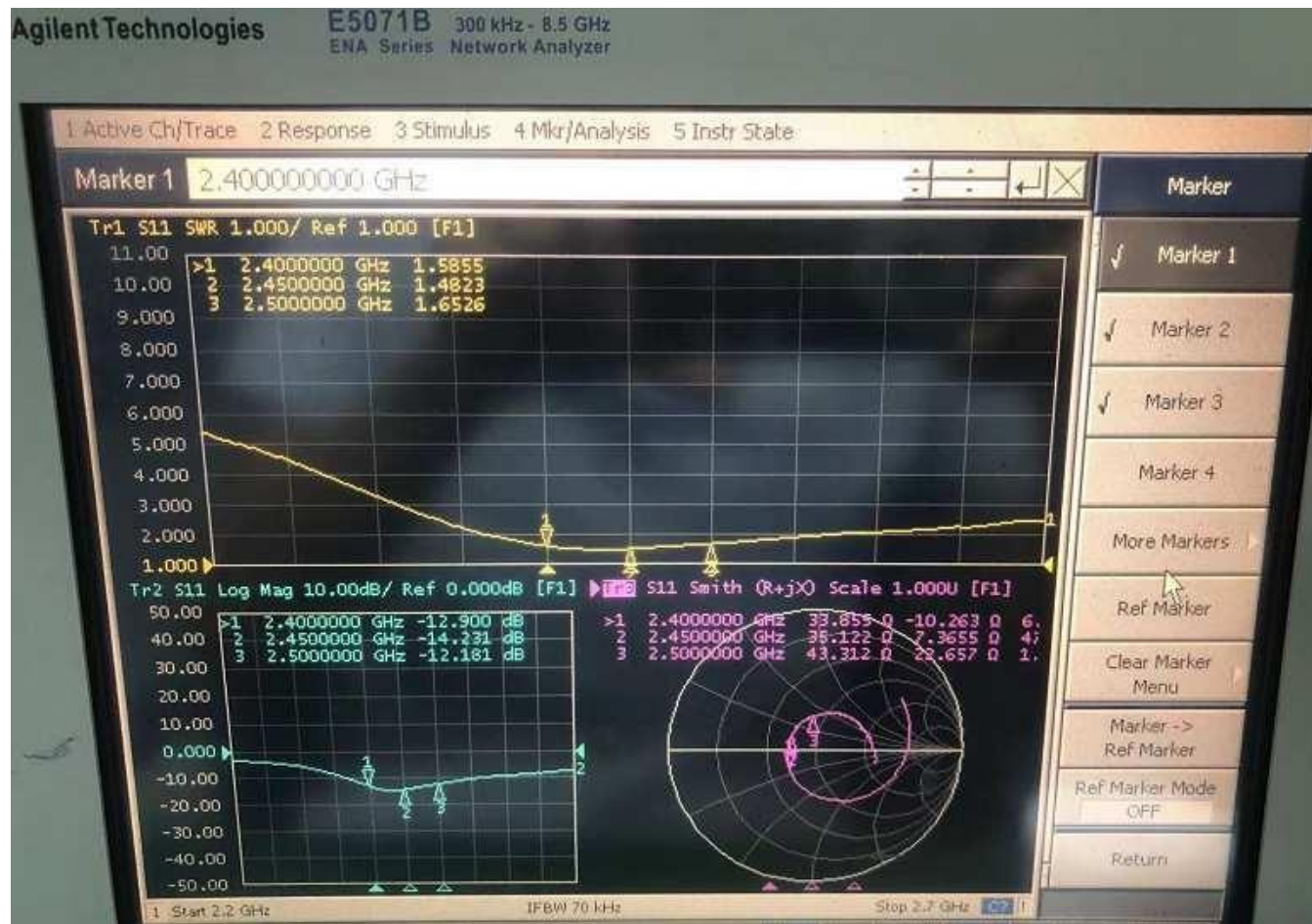
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Antenna Dimensions



Antenna A9 Test Chart

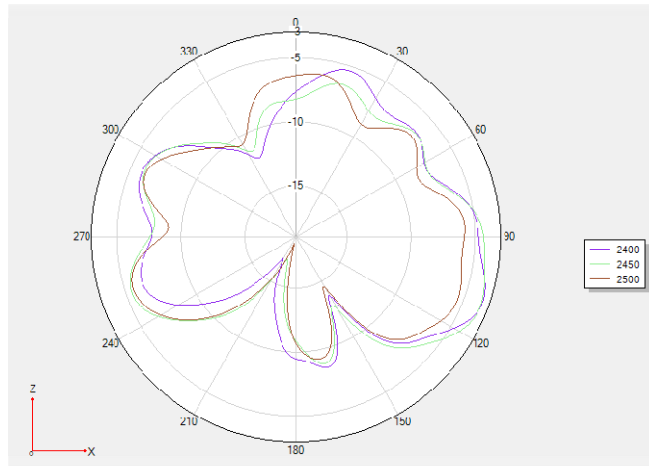


2.4G Passive test data

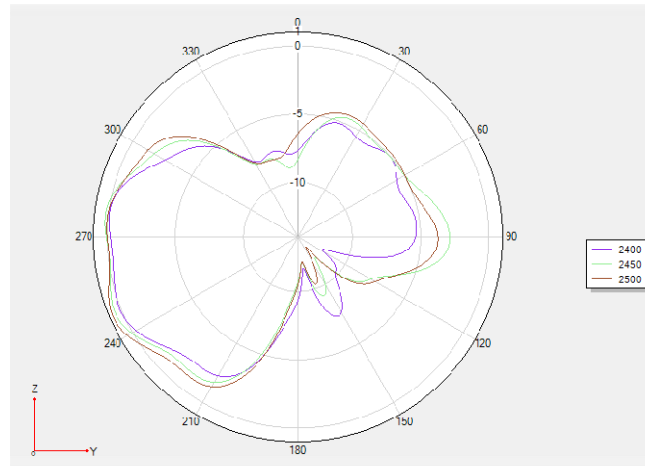
Frequency	Efficiency (%)	Gain. (dBi)
2400MHz	40.82	1.13
2410MHz	41.46	1.24
2420MHz	41.69	1.47
2430MHz	41.78	1.82
2440MHz	41.3	1.64
2450MHz	43.35	1.59
2460MHz	43.55	1.75
2470MHz	44.36	2.18
2480MHz	43.35	1.97
2490MHz	46.24	2.23
2500MHz	44.87	2.01

Antenna testing 2D3D picture

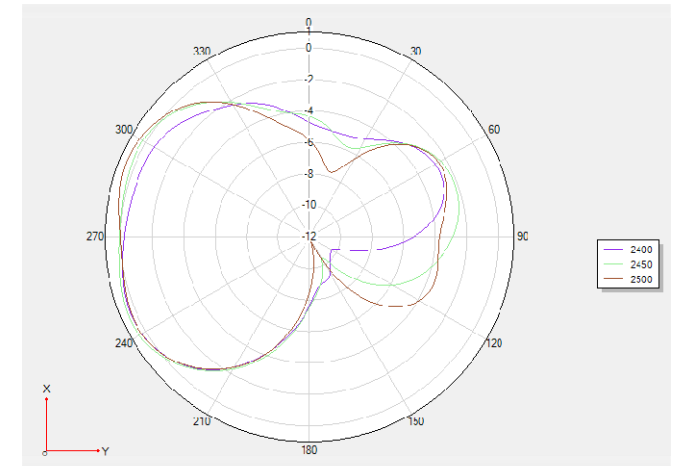
Phi 0 2Dpicture



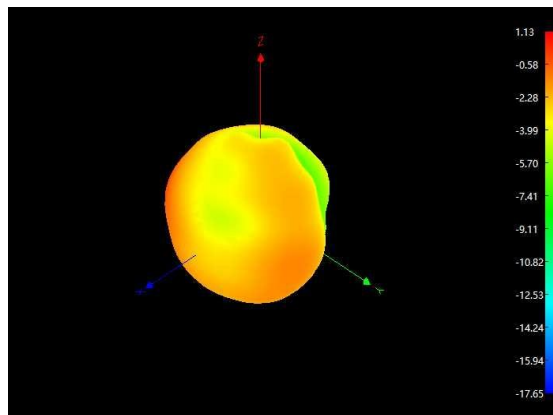
Phi 90 2Dpicture



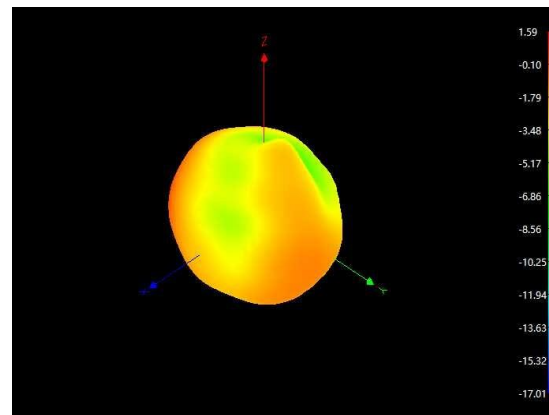
Theta 90 2Dpicture



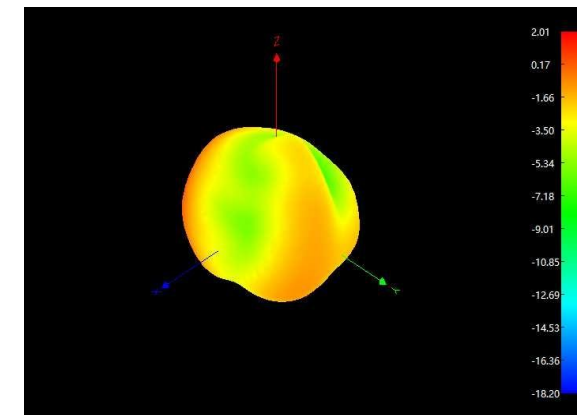
2400



2450



2500



Antenna physical picture

