



Shenzhen Yingjiachuang Electronics Co., Ltd

Antenna Tuning Report

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A. Project Overview

Client	Project	Antenna implementation
720	EPM101	Built-in
Working frequencies (MHz)		
2.4	2400–2500MHz	

Catalogue:

a, Cover..... 1

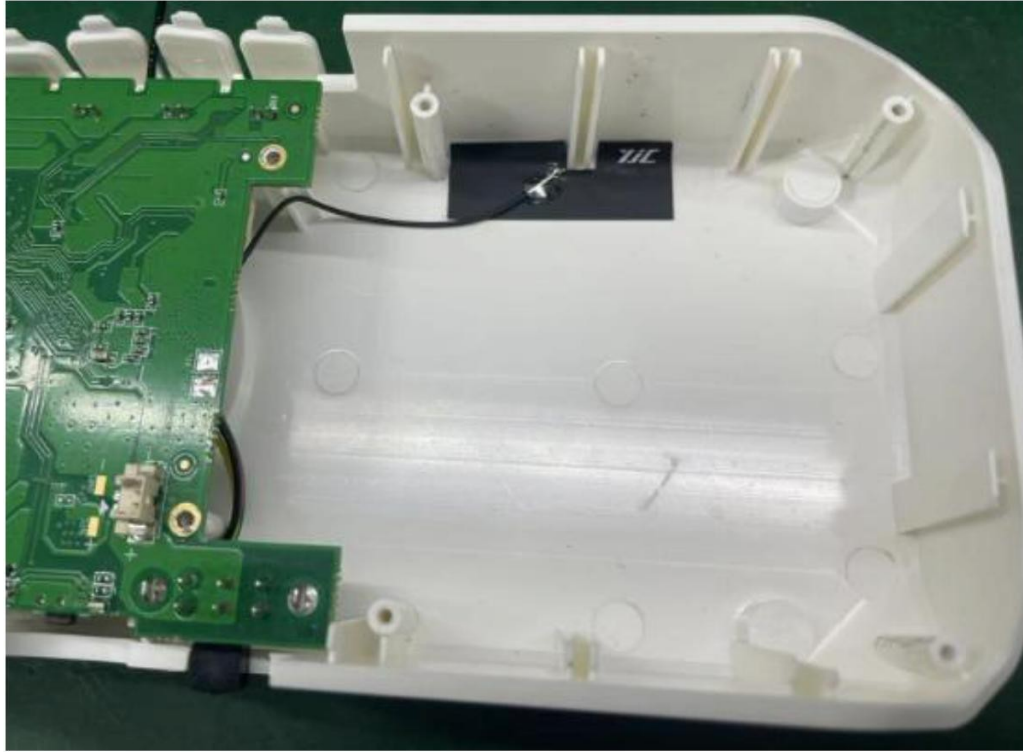
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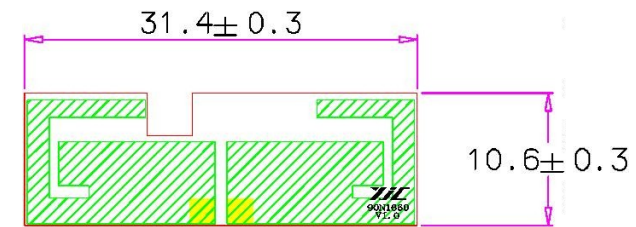
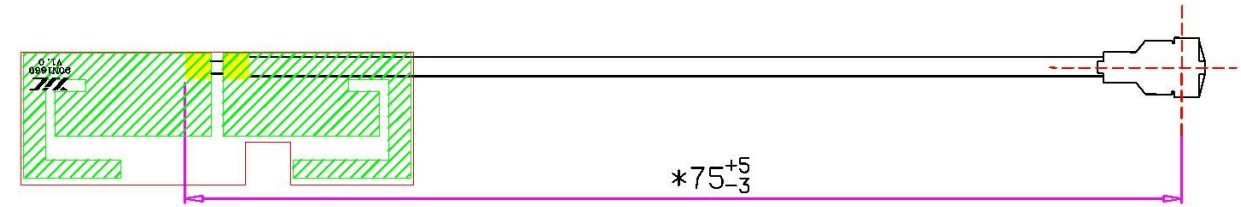
d, Position and size..... 4

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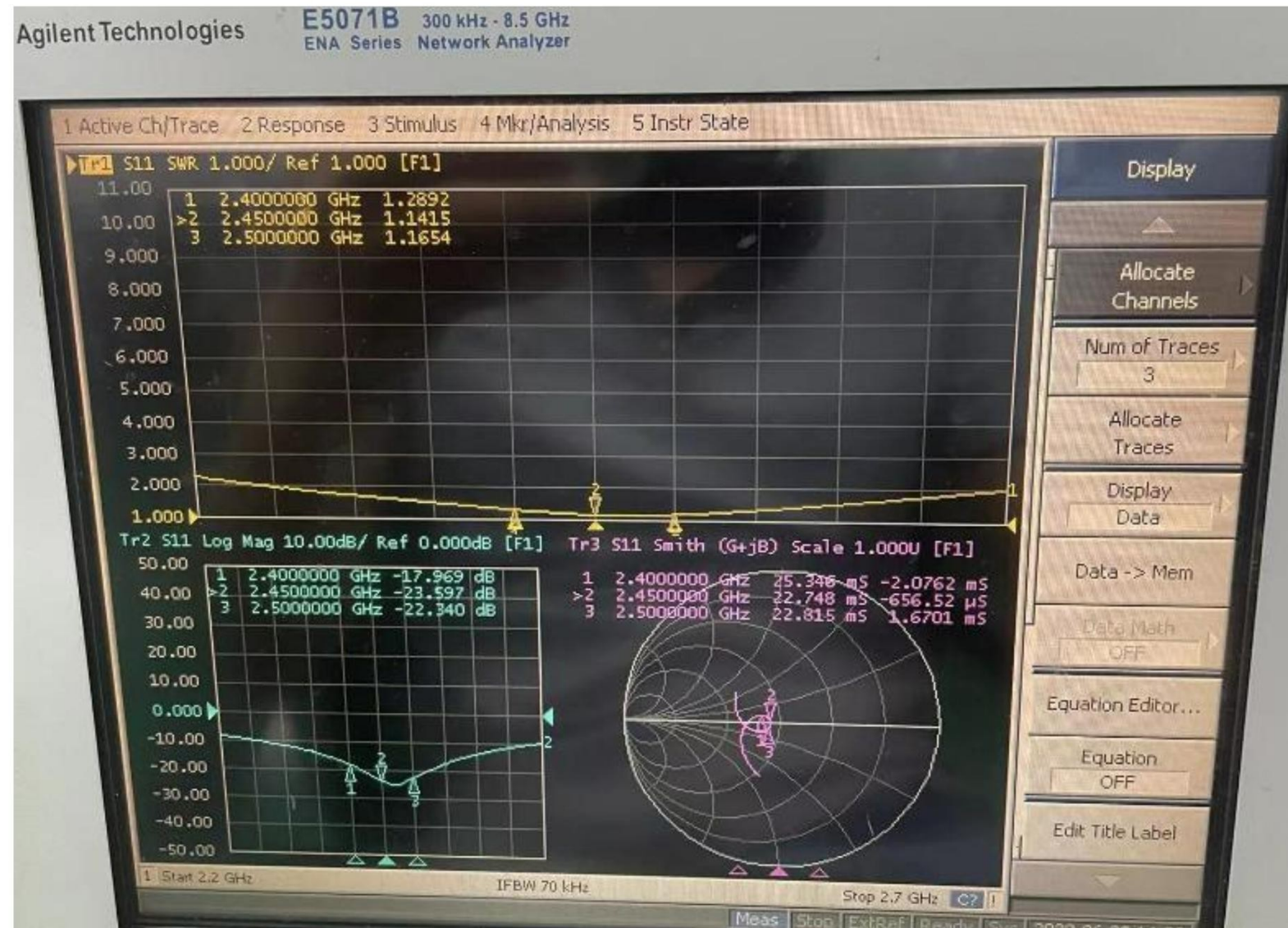
Position



Size(unit: mm)



Antenna performance test diagram



Passive Test Data

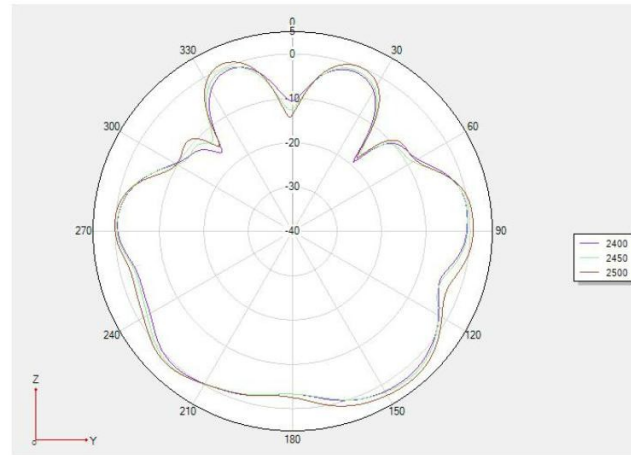
Frequency / MHz	Efficiency / %	Gain/ dBi
2400	51.24	2.09
2410	51.76	2.37
2420	52.66	2.51
2430	51.7	2.35
2440	55.89	2.75
2450	53.21	2.56
2460	54.34	2.77
2470	54.28	2.77
2480	56.75	2.84
2490	57.68	2.99
2500	59.46	3.31

2D/3D Diagram

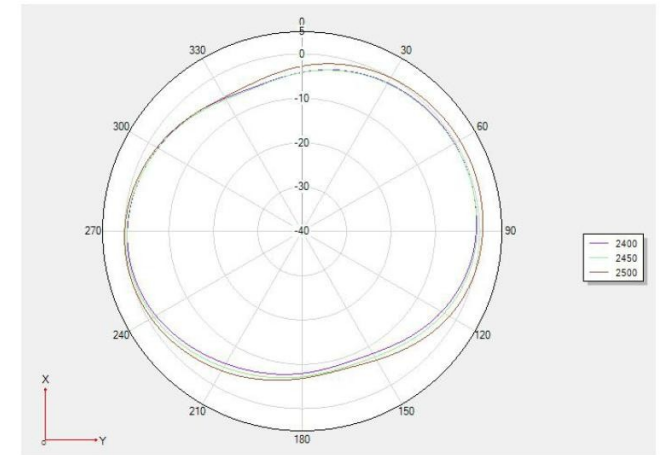
Phi 0 2D



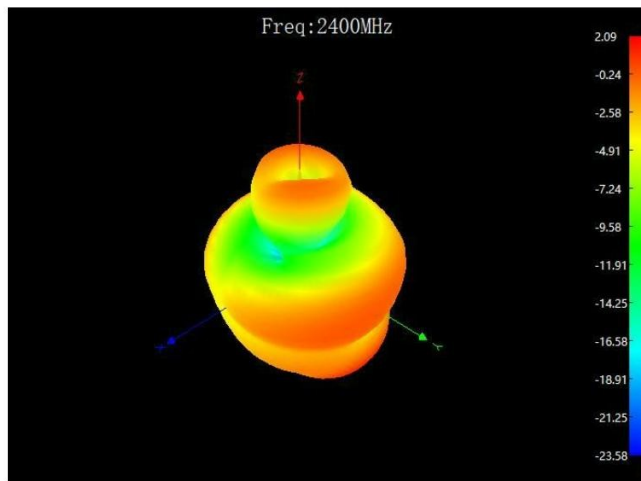
Phi 90 2D



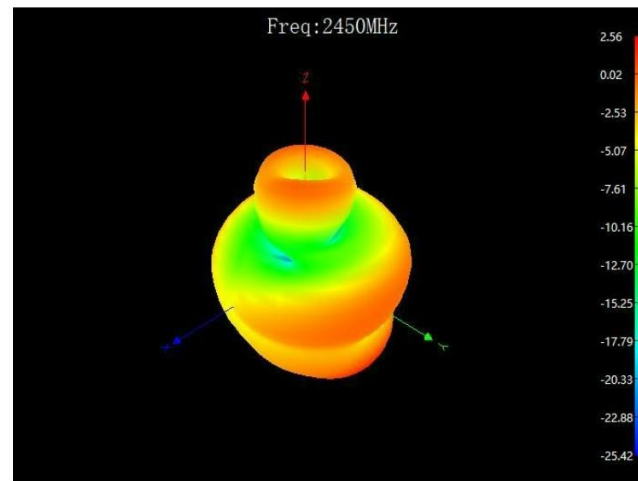
Theta 90 2D



2400



2400



2500

