

Antenna test report

Customer Name:802

Project model:S3925A4502-A

Date:2024-1-3

edition	content	Update reason	Date
1.0	Antenna test	Initial issue	2024-1-3

Directory:

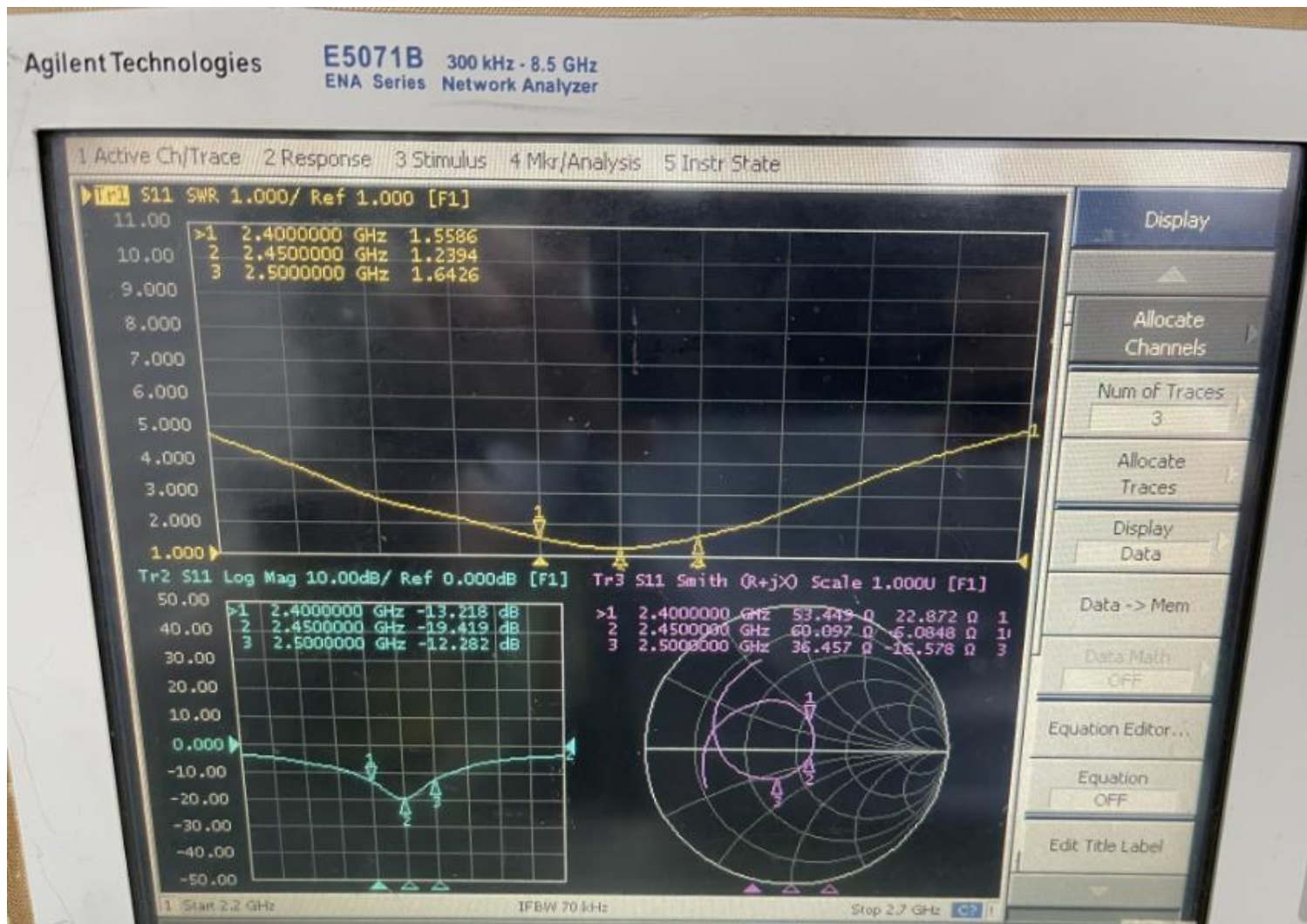
1. Antenna location diagram
2. Antenna S11 diagram
3. Antenna passive test data
4. 2D3D diagram of antenna passive test

Customer Name	802
Project name	S3925A4502-A
Number of antennas	1
Antenna band	2400-2500MHz
Structural form	Onboard antenna

Antenna location diagram



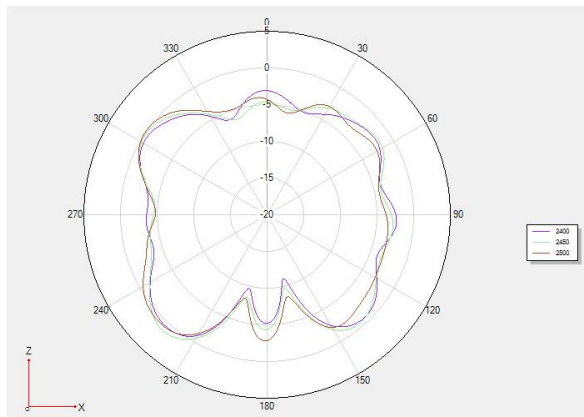
Antenna S11 diagram



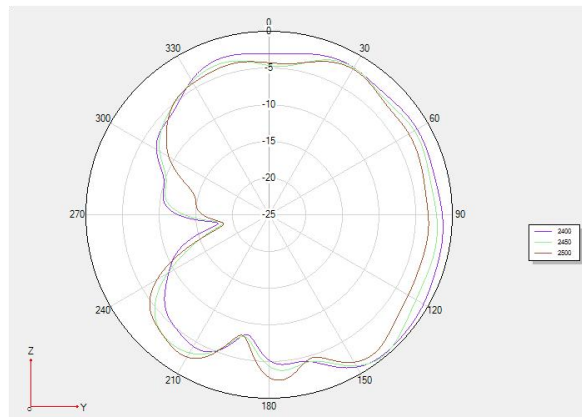
Frequency	Efficiency / %	Gain/ dBi
2400MHz	42.12	2.54
2410MHz	44.43	2.61
2420MHz	47.16	2.81
2430MHz	46.29	2.84
2440MHz	44.45	2.49
2450MHz	43.49	2.44
2460MHz	41.29	2.72
2470MHz	43.64	2.58
2480MHz	46.45	2.74
2490MHz	43.05	2.54
2500MHz	42.36	2.55

2D3D diagram of antenna passive test

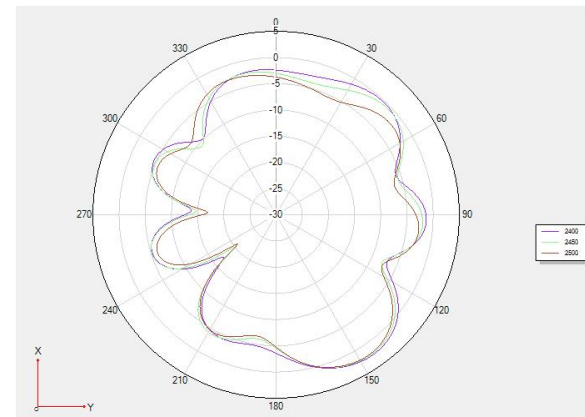
Phi 0 2Dfigure



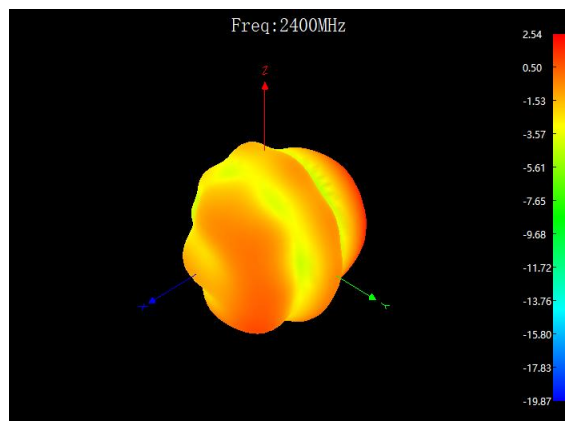
Phi 90 2Dfigure



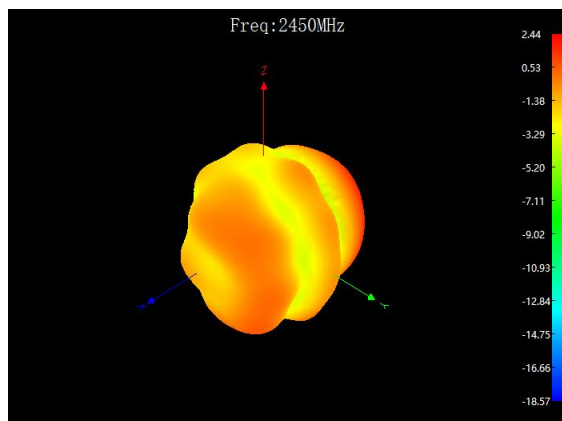
Theta 90 2Dfigure



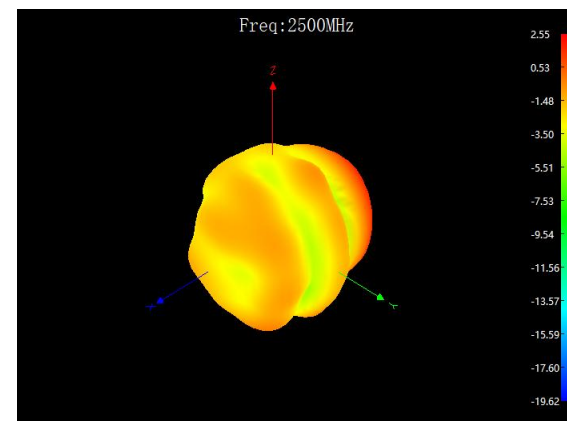
2400



2450



2500





Thank you!

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