

Antenna test report

Customer Name:802

Project model:S1626A4623-B

Date:2024-09-21

edition	content	Update reason	Date
1.0	Antenna test	Initial issue	2024-09-21

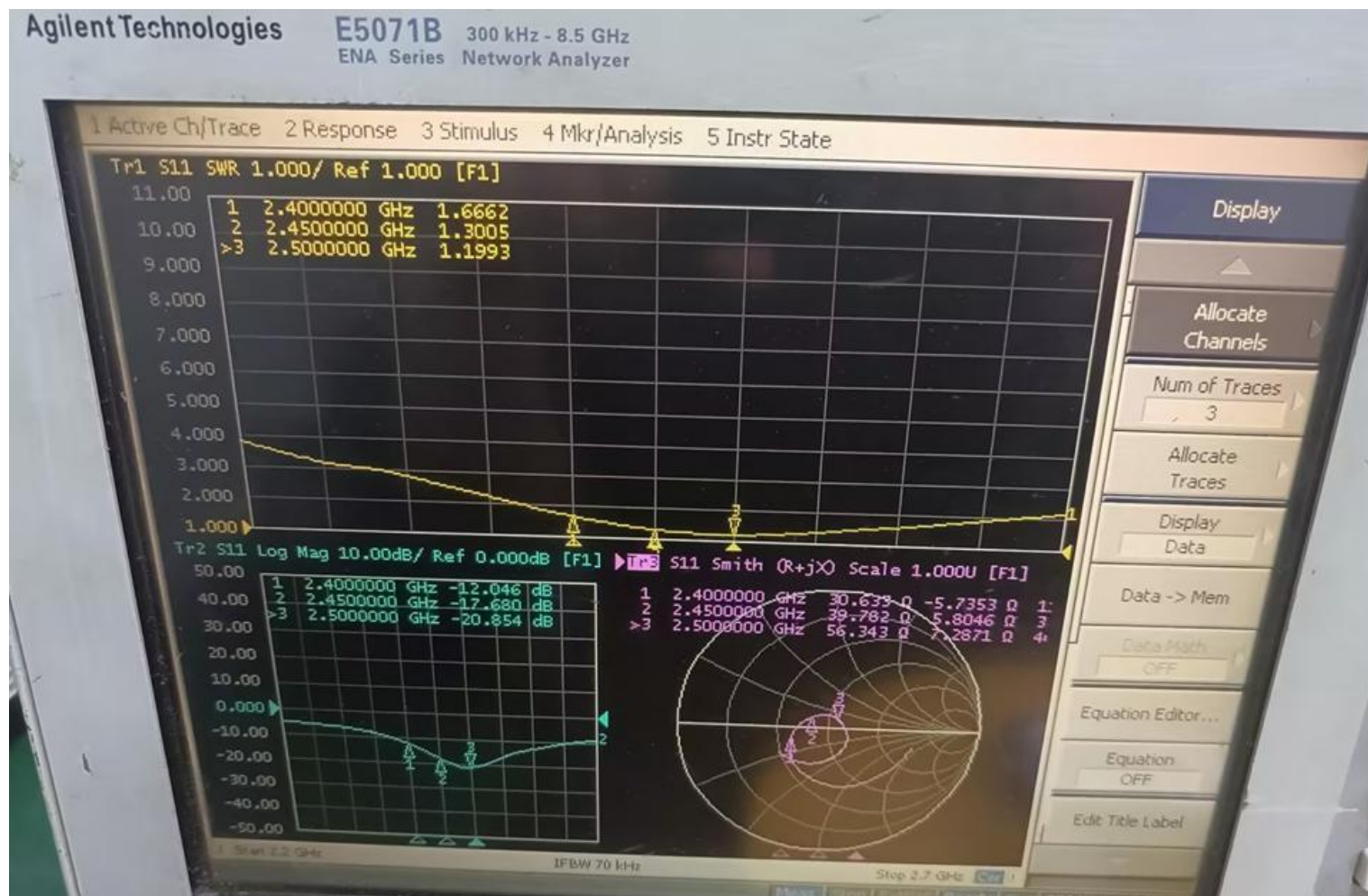
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Project situation

Customer Name	802
Project name	S1626A4623-B
Number of antennas	1
Antenna band	2400–2500 MHz
Structural form	Onboard antenna

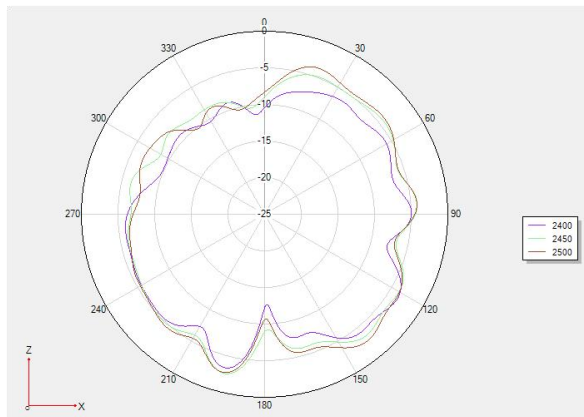
Antenna standing wave pattern



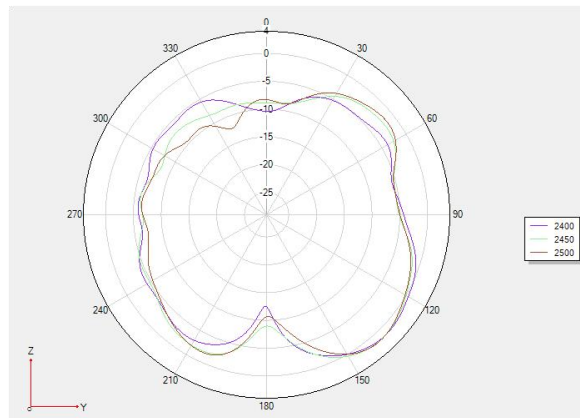
Frequency / MHz	Efficiency / %	Gain/ dBi
2400	35.73	1.69
2410	38.37	1.73
2420	38.95	1.74
2430	37.45	1.68
2440	36.02	1.65
2450	36.54	1.52
2460	38.98	1.84
2470	38.36	1.75
2480	38.46	1.61
2490	39.05	1.64
2500	39.64	1.58

Antenna passive 2/3D diagram

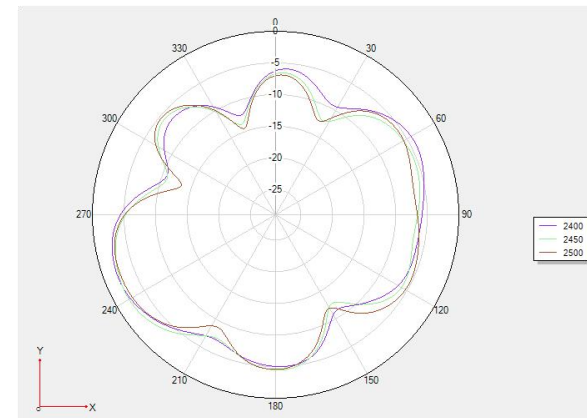
Phi 0 2Dfigure



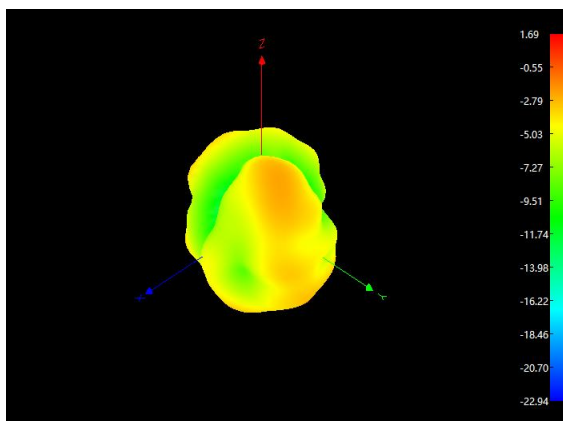
Phi 90 2Dfigure



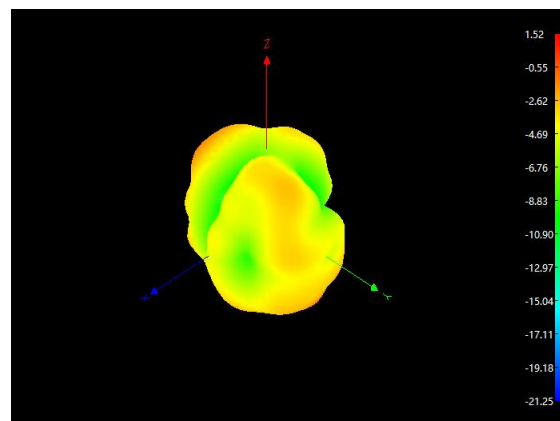
Theta 90 2Dfigure



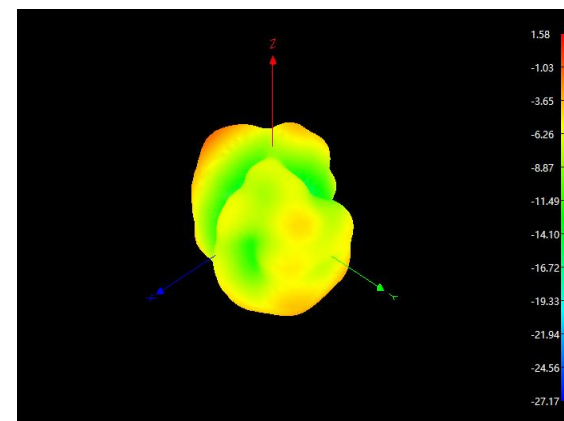
2400



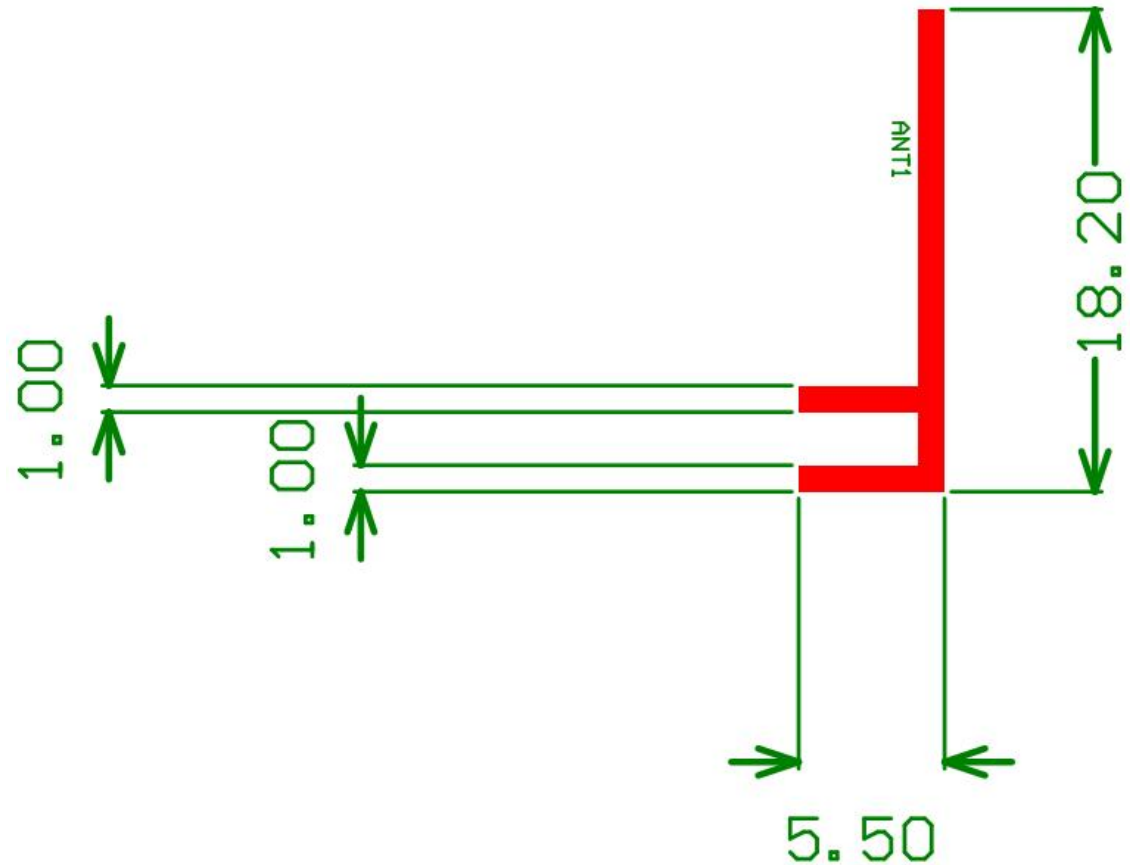
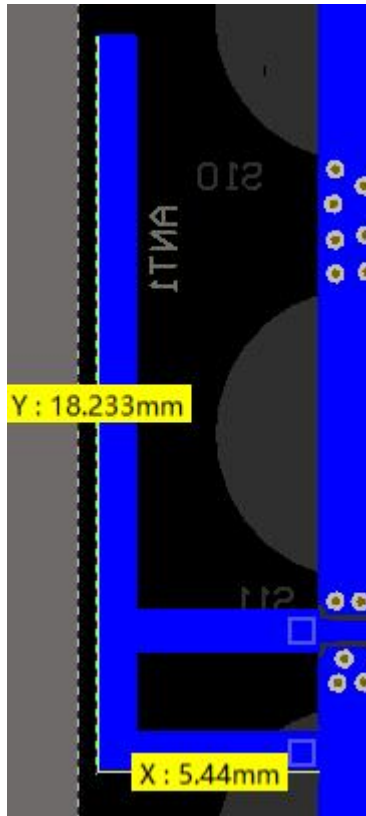
2450



2500



Antenna size diagram





Thank you!

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