

Antenna test report

Customer name: 802

Project model: S1718A4533

Evaluation date: 2023-01-31

edition	content	Update reason	Date
1.0	Antenna test	Initial issue	2024-01-31

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2. Edition record	...
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4. status of the project	...
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7. Antenna passive test data	...
8. Passive test data. 2D3D chart	...

Customer Name	802
Project name	S1718A4533
Number of antennas	1
Antenna band	2400–2500 MHz
Structural form	Onboard antenna



The C7 position is coupled with a 1Pf capacitor, and the C8 position is coupled with a 4.7NH inductor

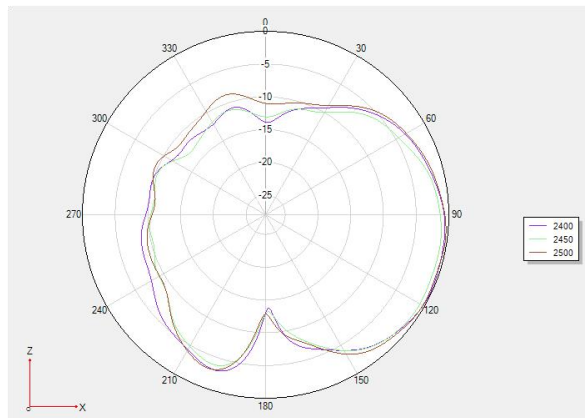
Antenna performance test diagram



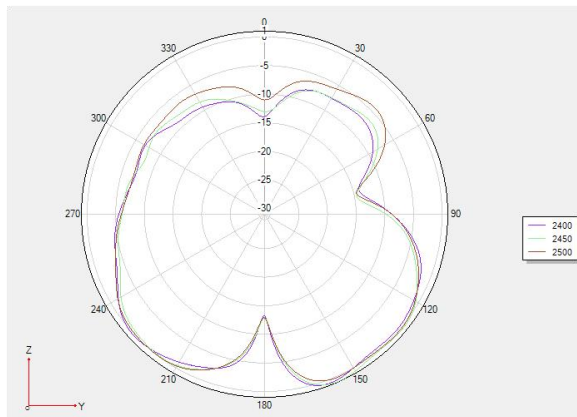
Antenna passive test data

Frequency / MHz	Efficiency / %	Gain/ dBi
2400	43.65	0.66
2410	43.05	0.68
2420	43.76	0.67
2430	43.81	0.67
2440	44.39	0.74
2450	45.93	0.93
2460	43.22	0.76
2470	42.76	0.72
2480	41.22	0.71
2490	41.08	0.69
2500	40.65	0.68

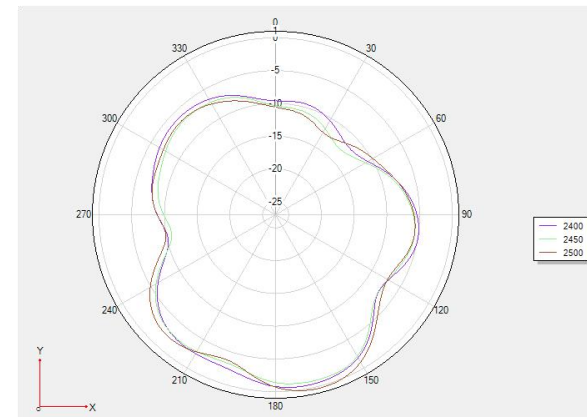
Phi 0 2D图



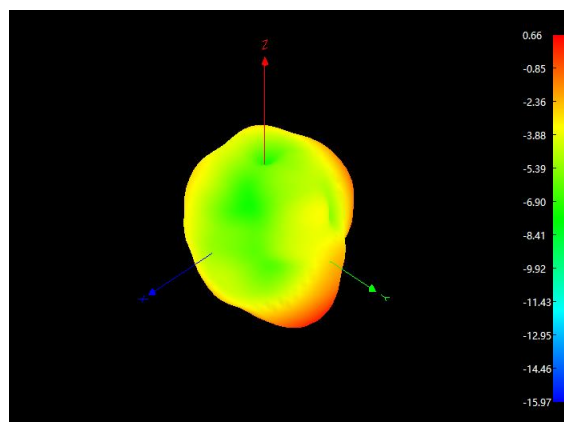
Phi 90 2D图



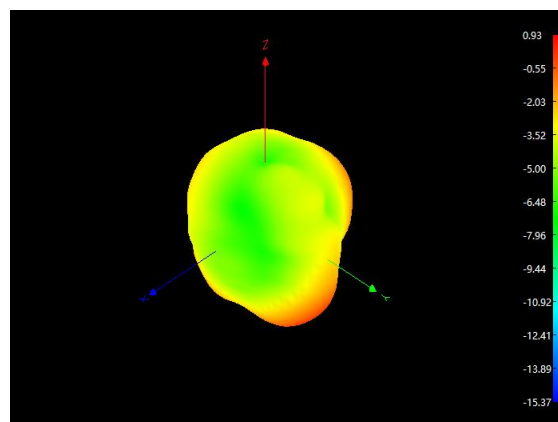
Theta 90 2D图



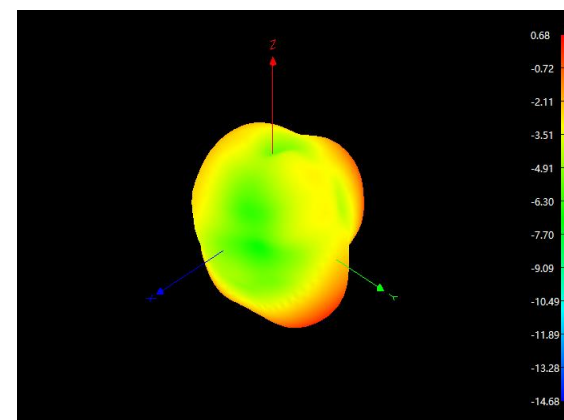
2400



2450



2500





谢谢！

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