

Antenna test report

Customer Name: 1079

Project model: Halo75 V2

Date: 2025-7-18

edition	content	Update reason	Date
1.0	Antenna test	Initial issue	2025-7-18

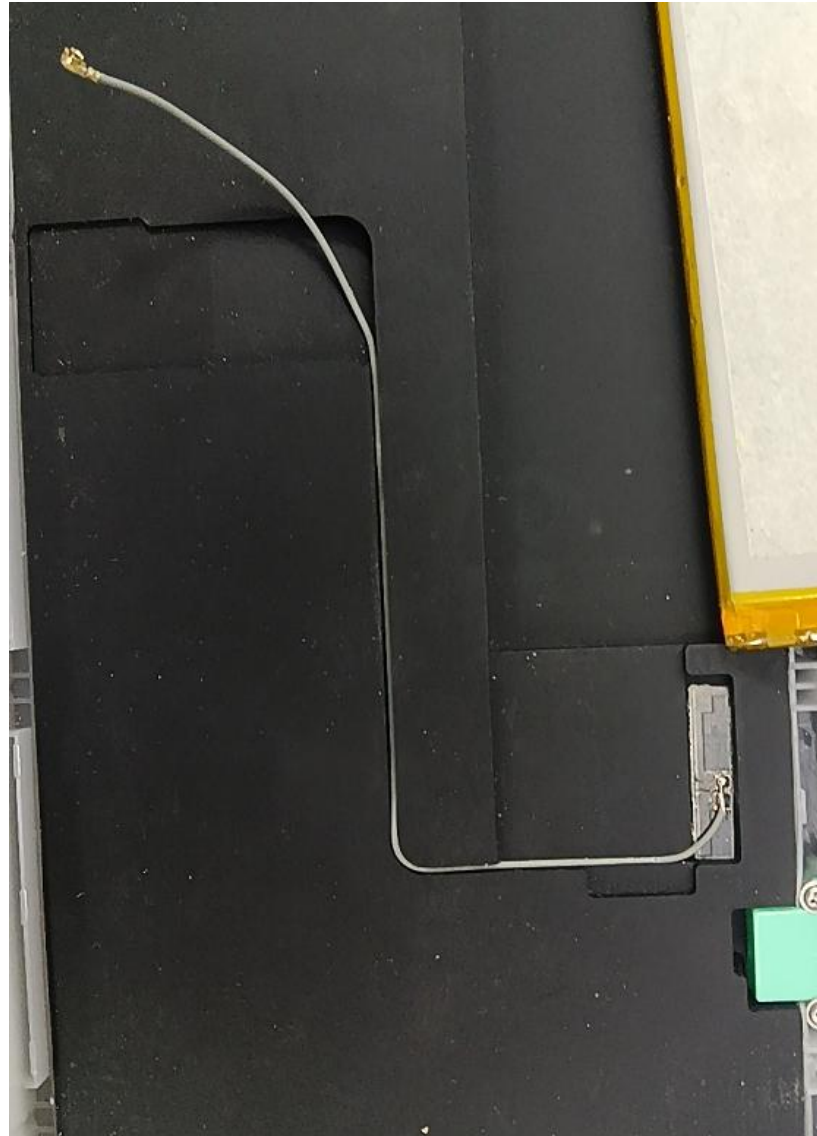
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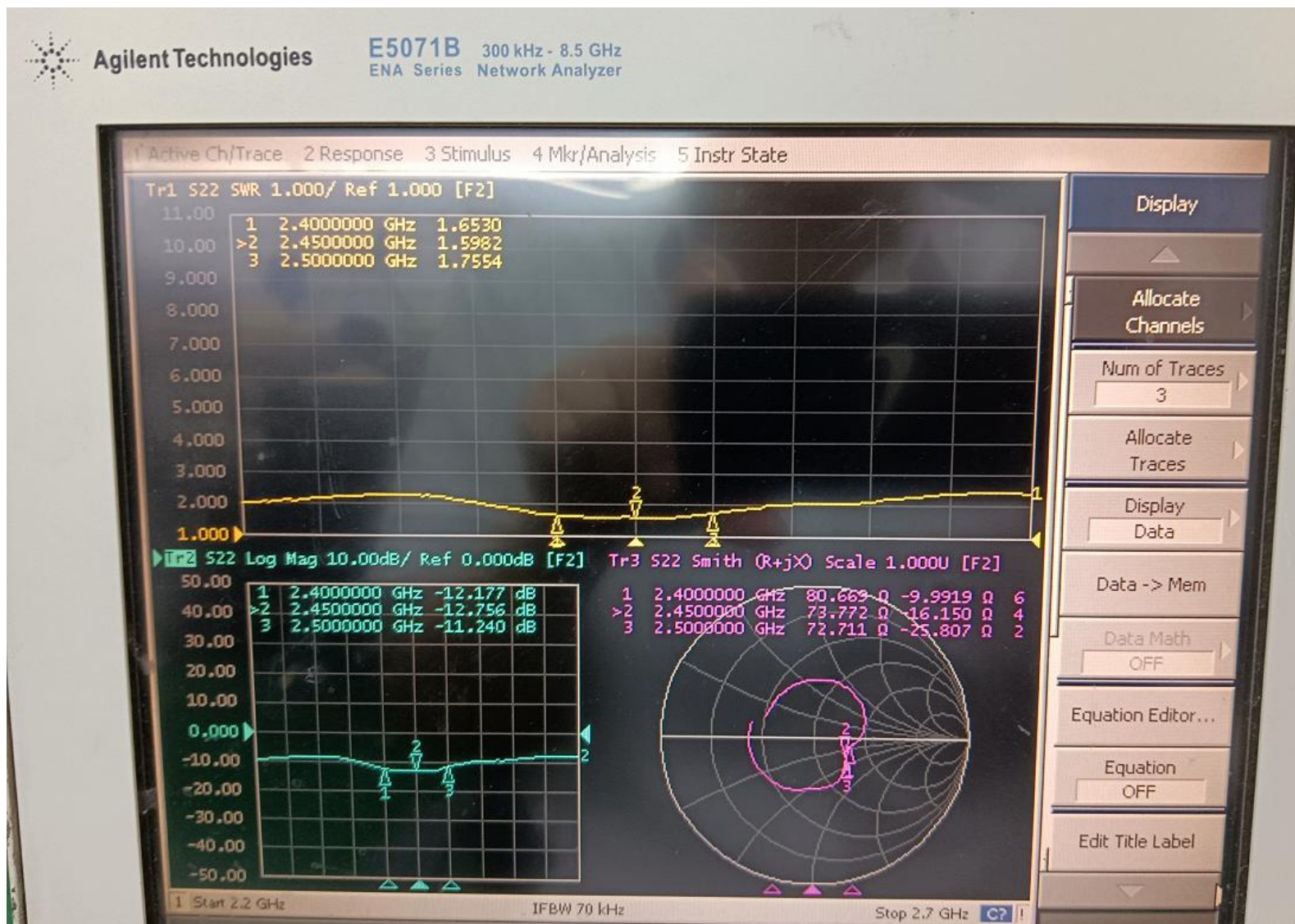
Project situation

Customer Name	1079
Project name	Halo75 V2
Number of antennas	1
Antenna band	2400–2500 MHz
Structural form	PCB antenna

Antenna and structure form



Antenna network test pattern

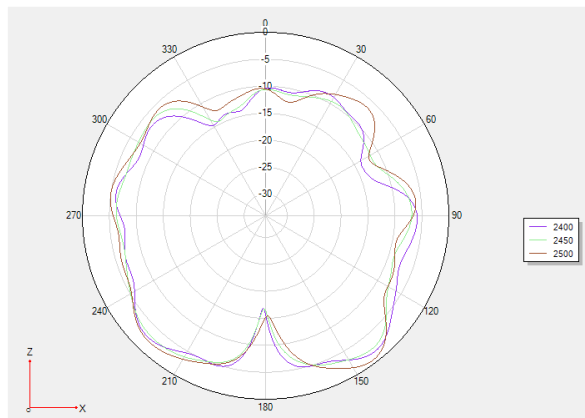


Antenna passive test data

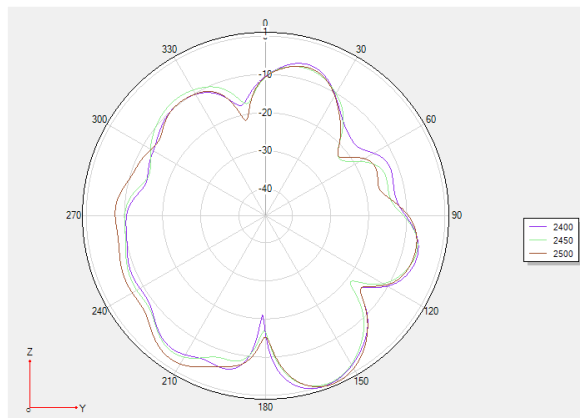
Frequency / MHz	Efficiency / %	Gain/ dBi
2400	41.43	1.05
2410	42.44	1.09
2420	41.98	1.05
2430	40.12	1.07
2440	40.68	1.12
2450	46.72	1.22
2460	45.23	1.19
2470	42.05	1.12
2480	40.33	1.06
2490	41.41	1.09
2500	40.18	1.06

Antenna Test 2/3D Diagram

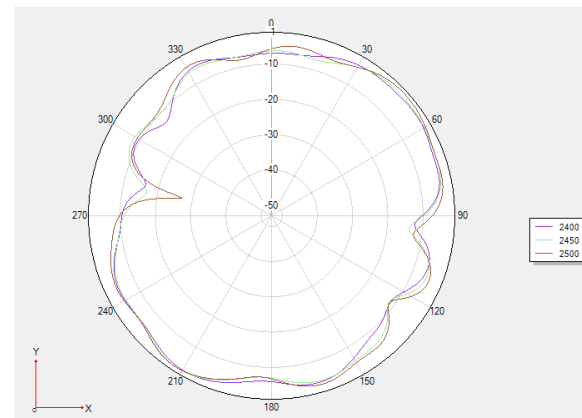
Phi 0 2D图



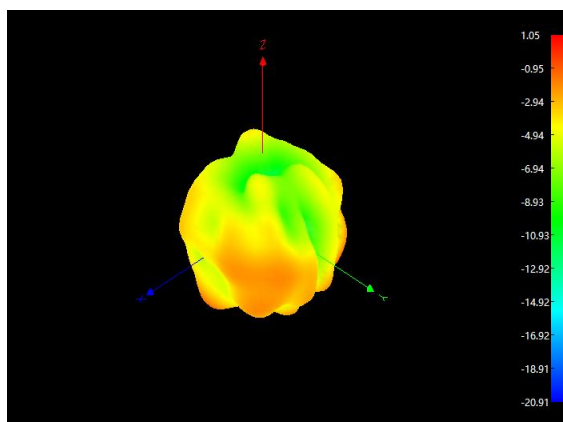
Phi 90 2D图



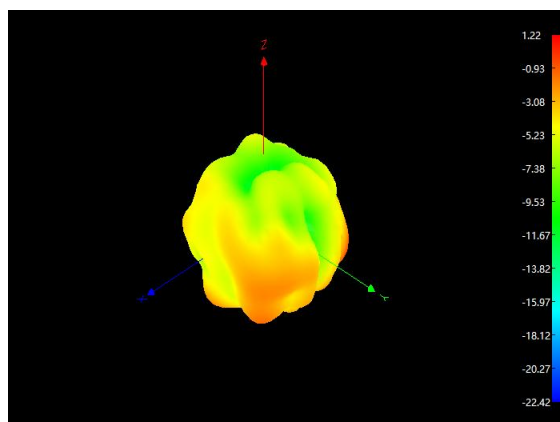
Theta 90 2D图



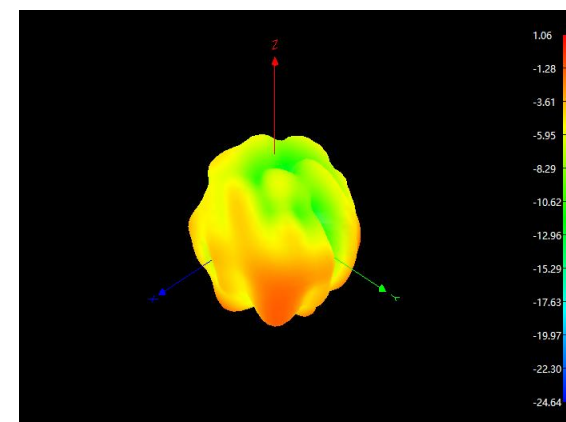
2400



2450



2500





Thank you!

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