



Antenna Test Report

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Approval : Chen Guoqiang

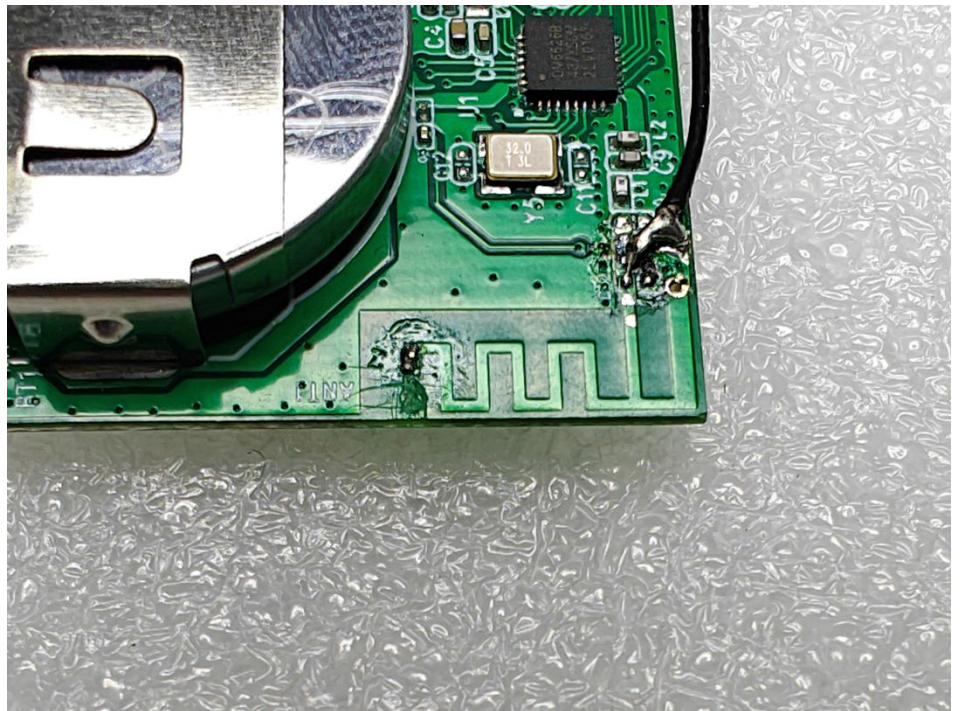
Date : 2025 / 06 / 13

1. Antenna Profile

Device

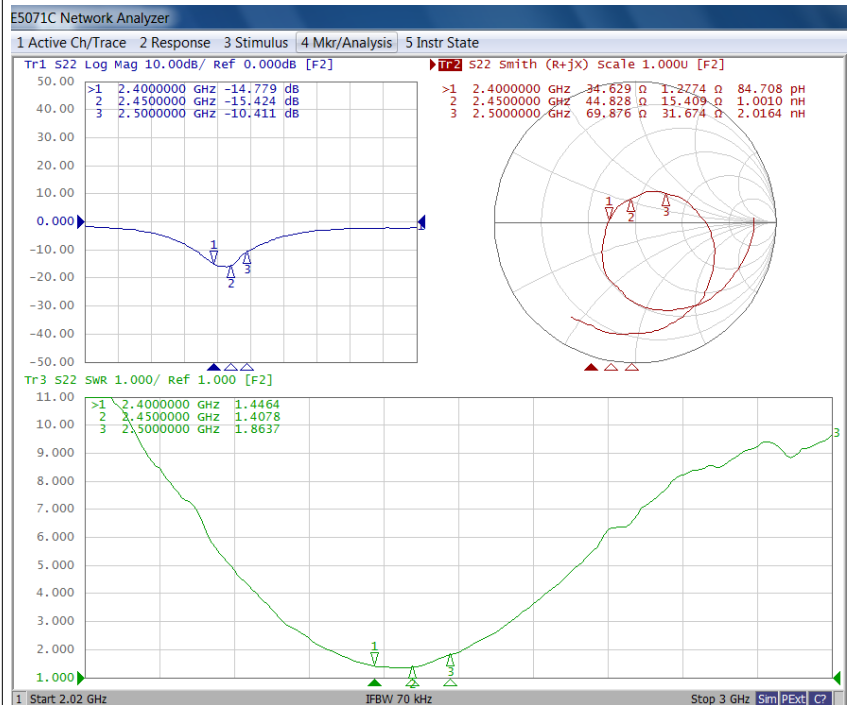


*2.4G
Antenna*

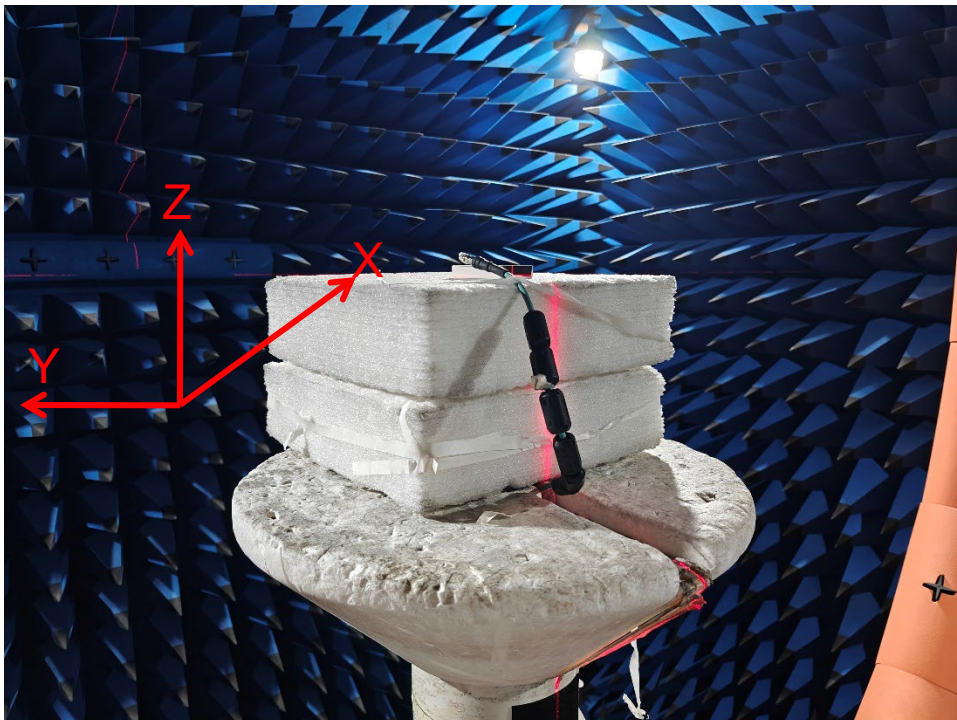
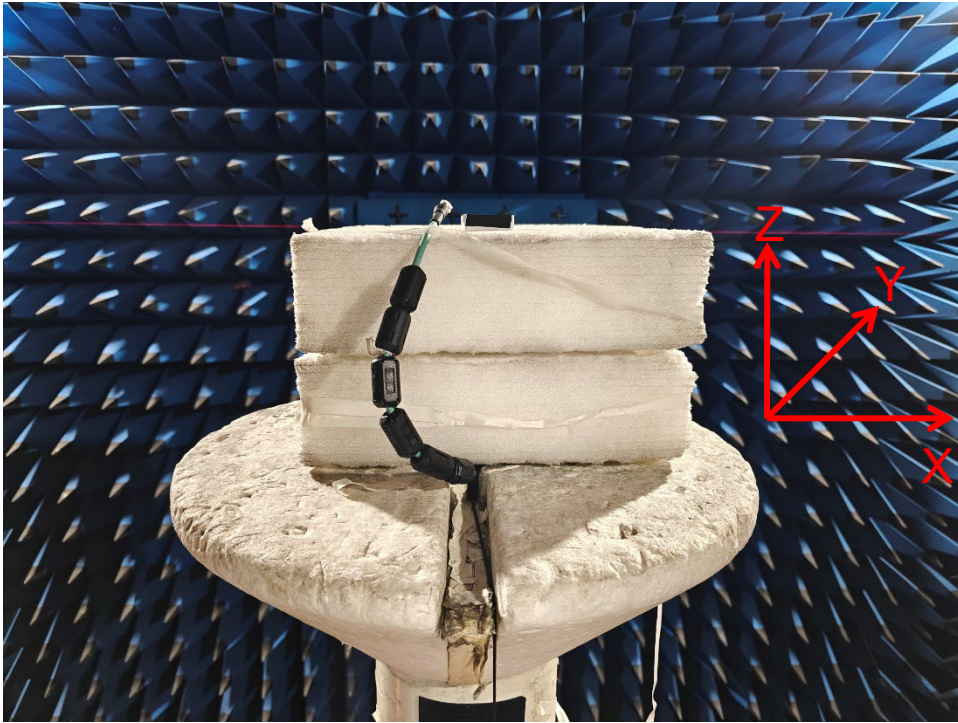


2. Antenna Performance Test

*Agilent
E5071C
S22
Parameter
Test //
2.4G
Antenna*

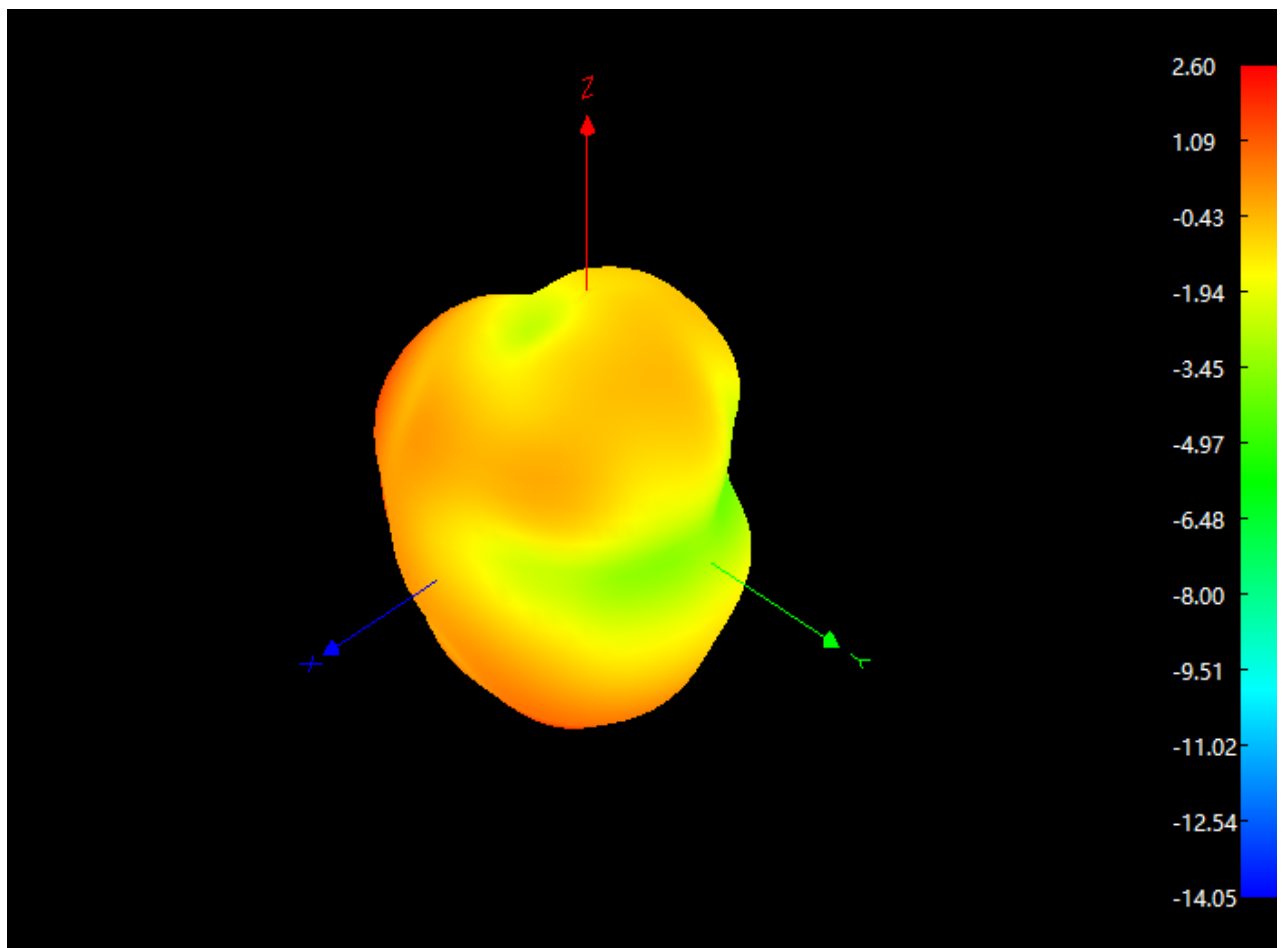


3. Antenna Passive Test



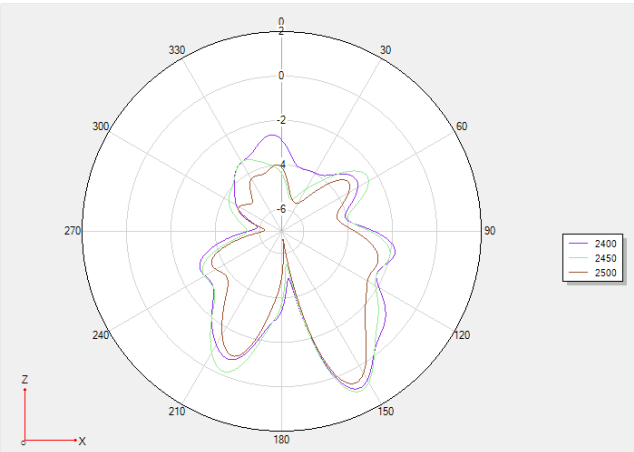
Passive Test For 2.4G Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	47.2	-3.3	2.1
2410	47.9	-3.2	2.1
2420	48.0	-3.2	2.3
2430	47.6	-3.2	2.4
2440	46.1	-3.4	2.4
2450	48.3	-3.2	2.6
2460	45.4	-3.4	2.4
2470	45.7	-3.4	2.3
2480	42.9	-3.7	2.0
2490	42.8	-3.7	1.9
2500	39.3	-4.1	1.4

Radiation Pattern For 2.4G Antenna(2450MHz)

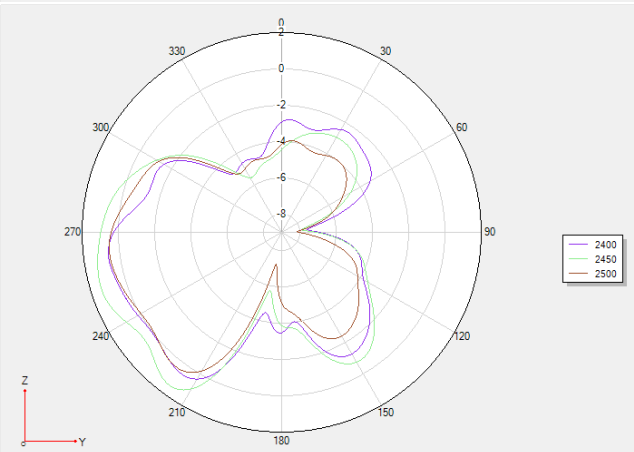


Radiation Pattern For 2.4G Antenna

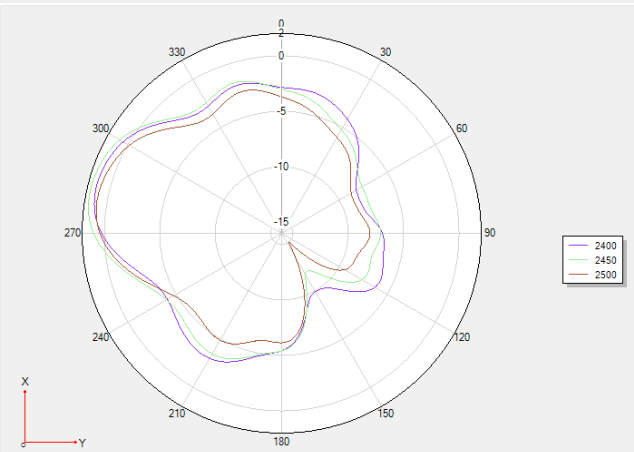
Phi 0°



Phi 90°



Theta 90°



4. Assembly Picture

2.4G Antenna

