



Antenna Test Report

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Approval : Chen Guoqiang

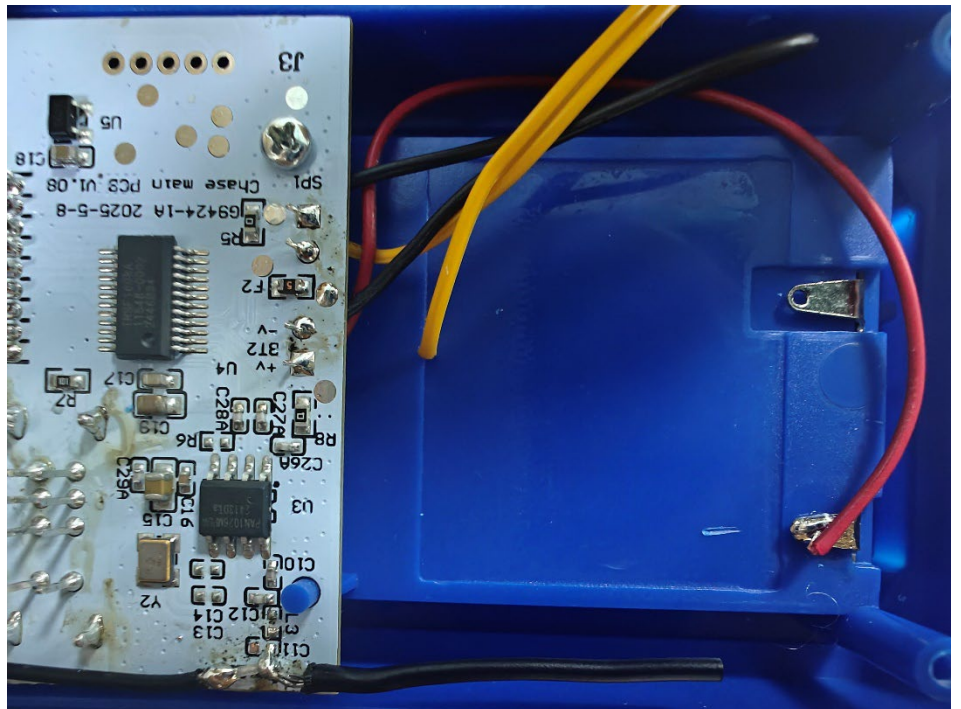
Date : 2025 / 05 / 29

1. Antenna Profile

Device

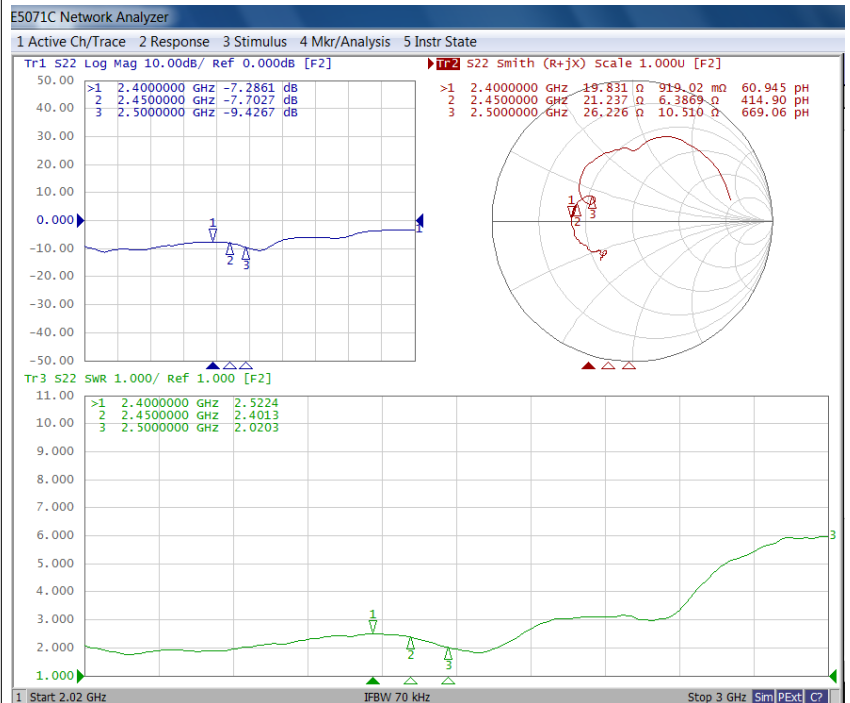


*2.4G
Antenna*

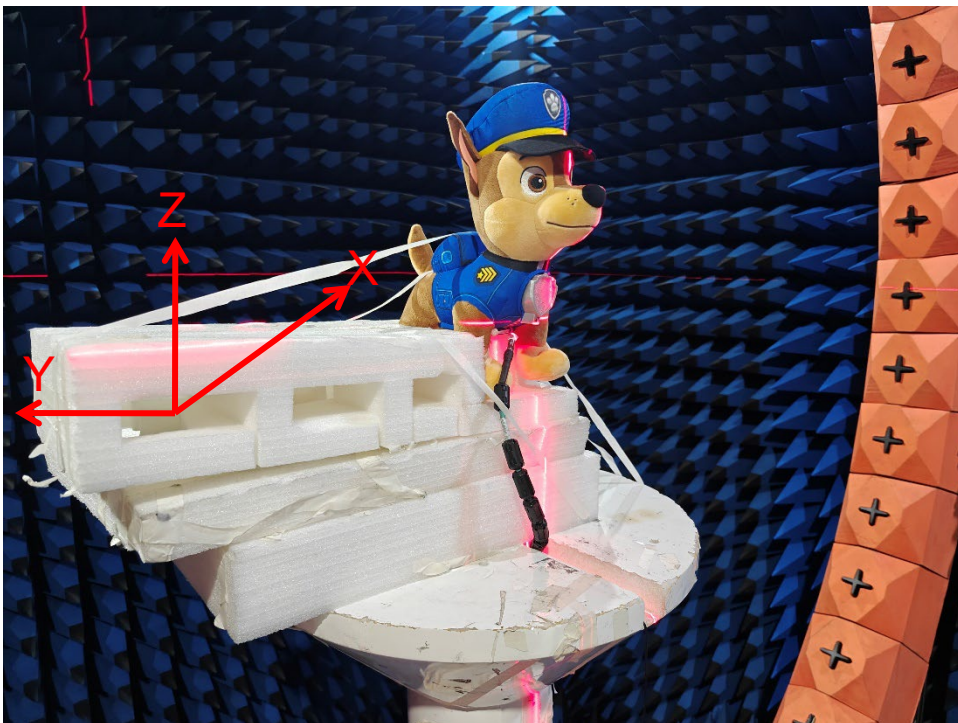
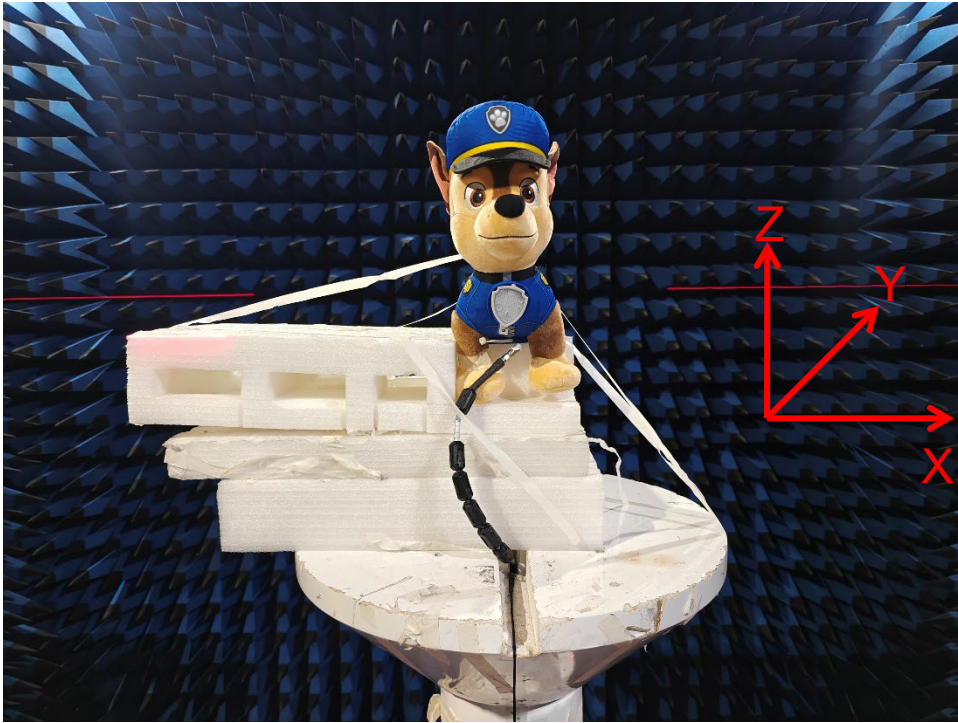


2. Antenna Performance Test

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

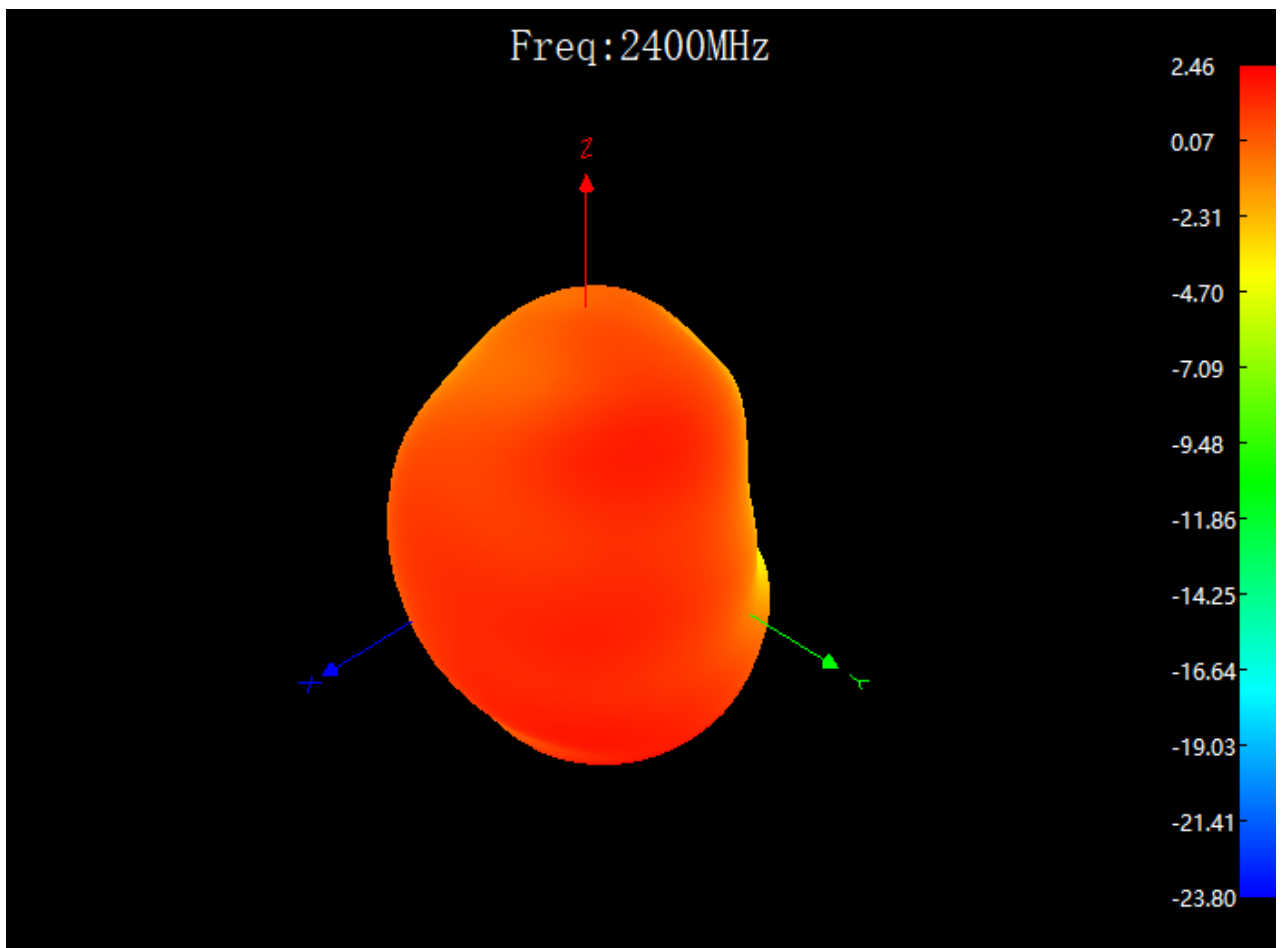


3. *Antenna Passive Test*

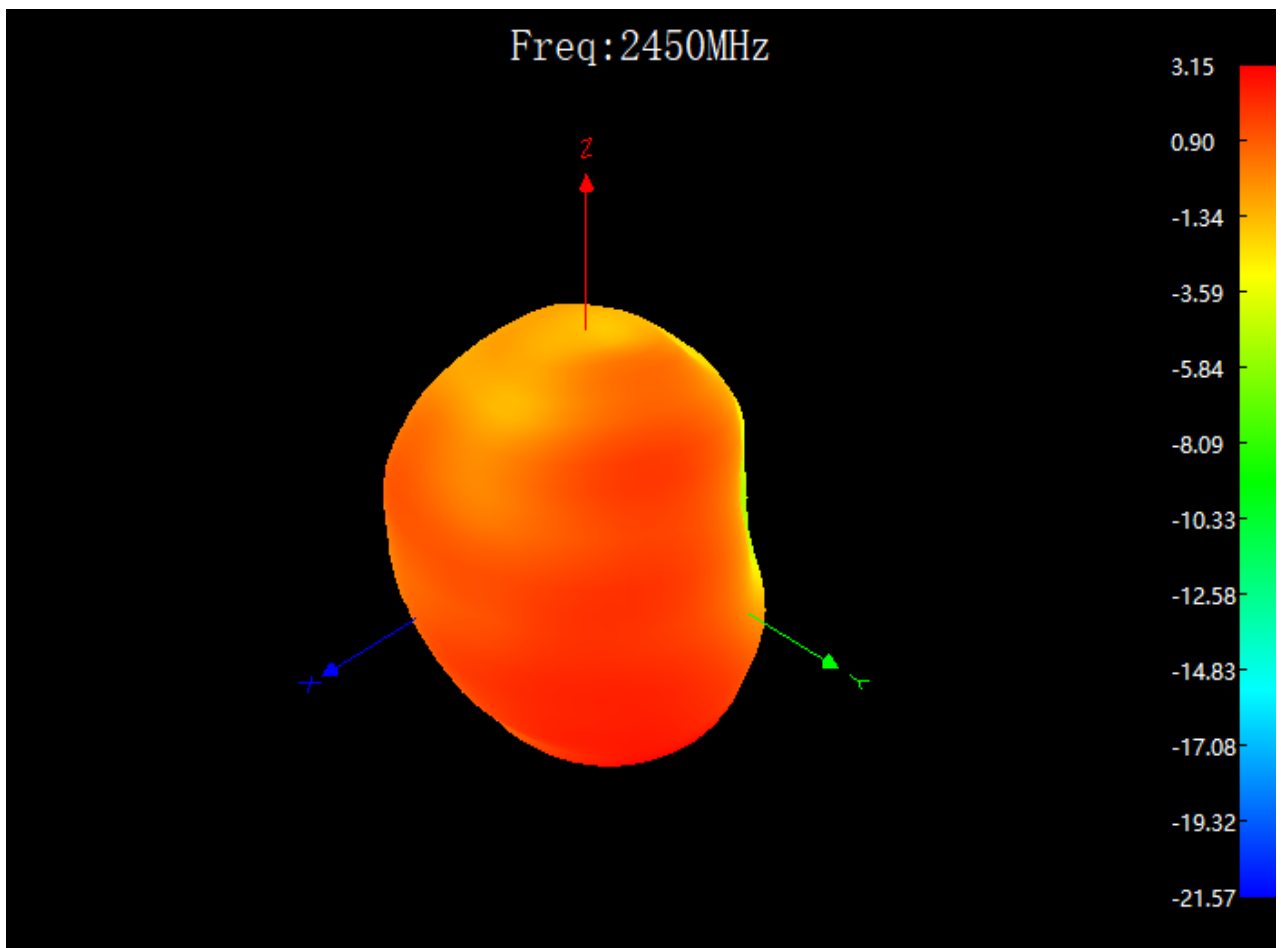


Passive Test For 2.4G Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	49.1	-3.1	2.5
2410	45.3	-3.4	2.3
2420	41.8	-3.8	2.3
2430	42.3	-3.7	2.6
2440	44.1	-3.6	2.9
2450	47.5	-3.2	3.2
2460	46.1	-3.4	3.1
2470	40.9	-3.9	2.7
2480	44.9	-3.5	3.2
2490	45.3	-3.4	3.1
2500	46.6	-3.3	3.3

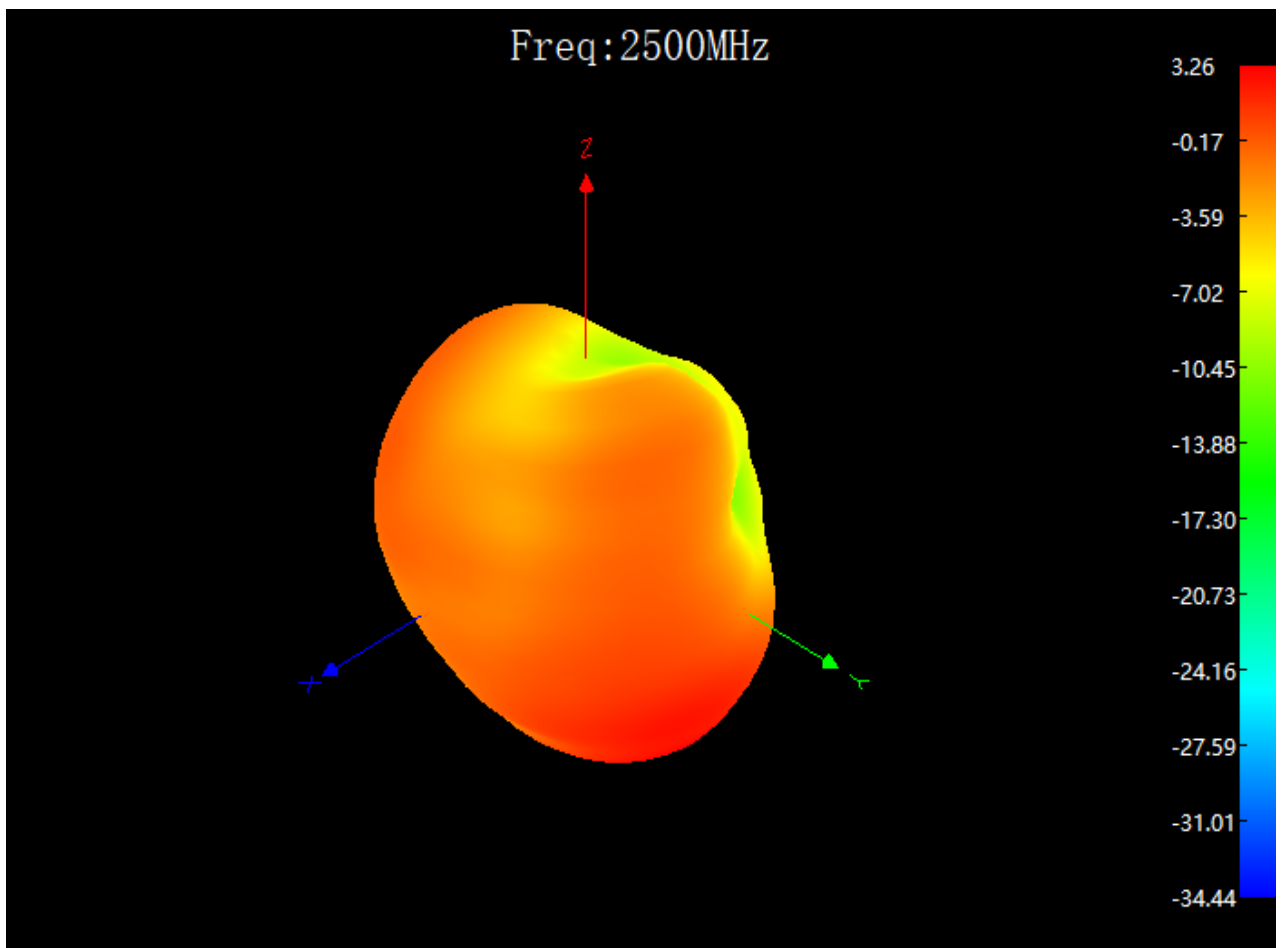
Radiation Pattern For 2.4G Antenna(2400MHz)



Radiation Pattern For 2.4G Antenna(2450MHz)

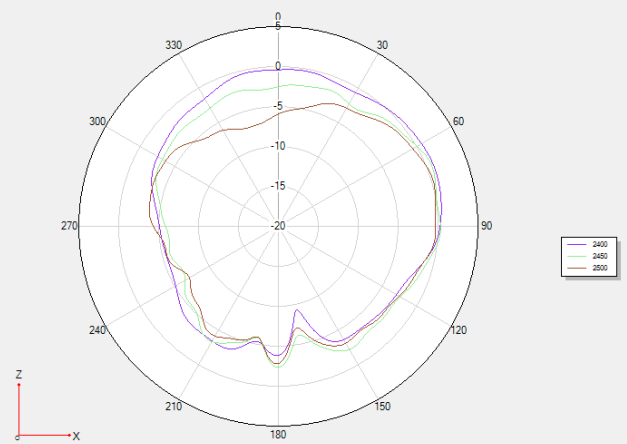


Radiation Pattern For 2.4G Antenna(2500MHz)

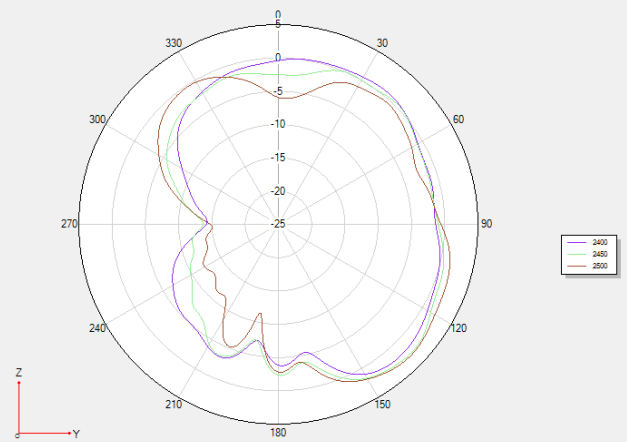


Radiation Pattern For 2.4G Antenna

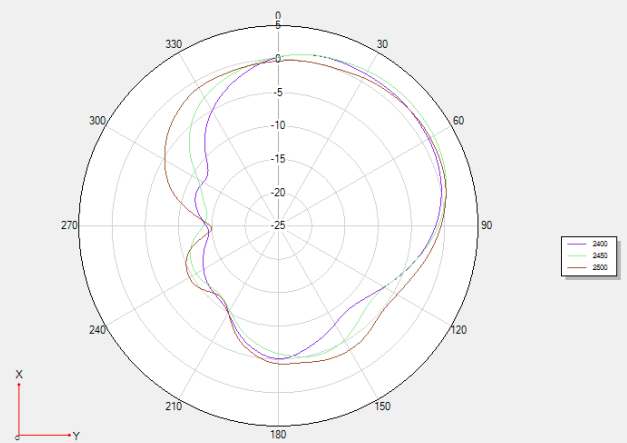
Phi 0°



Phi 90°



Theta 90°



4. Assembly Picture

2.4G Antenna

