

V2.0

Customer	
Agent	/
Project name	
Model. IC	--
Model. ANT	WAN7030N03

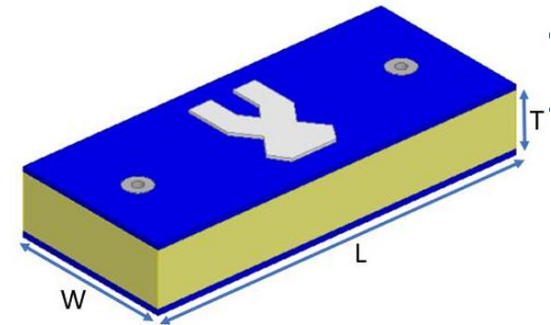
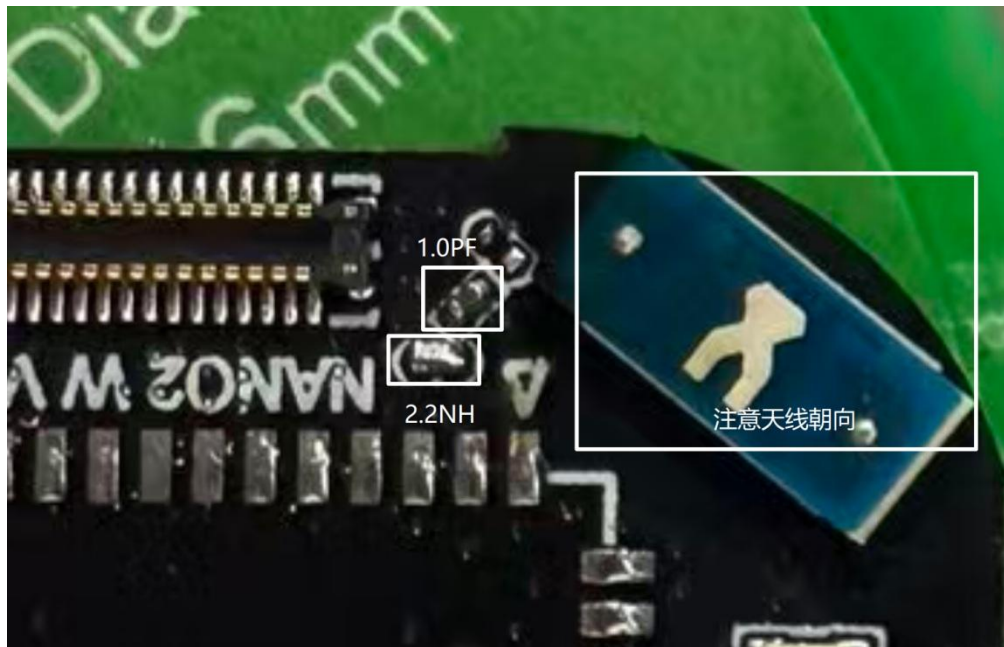
黄文鑫 2026/03/11

Product Appearance



Ant. Matching

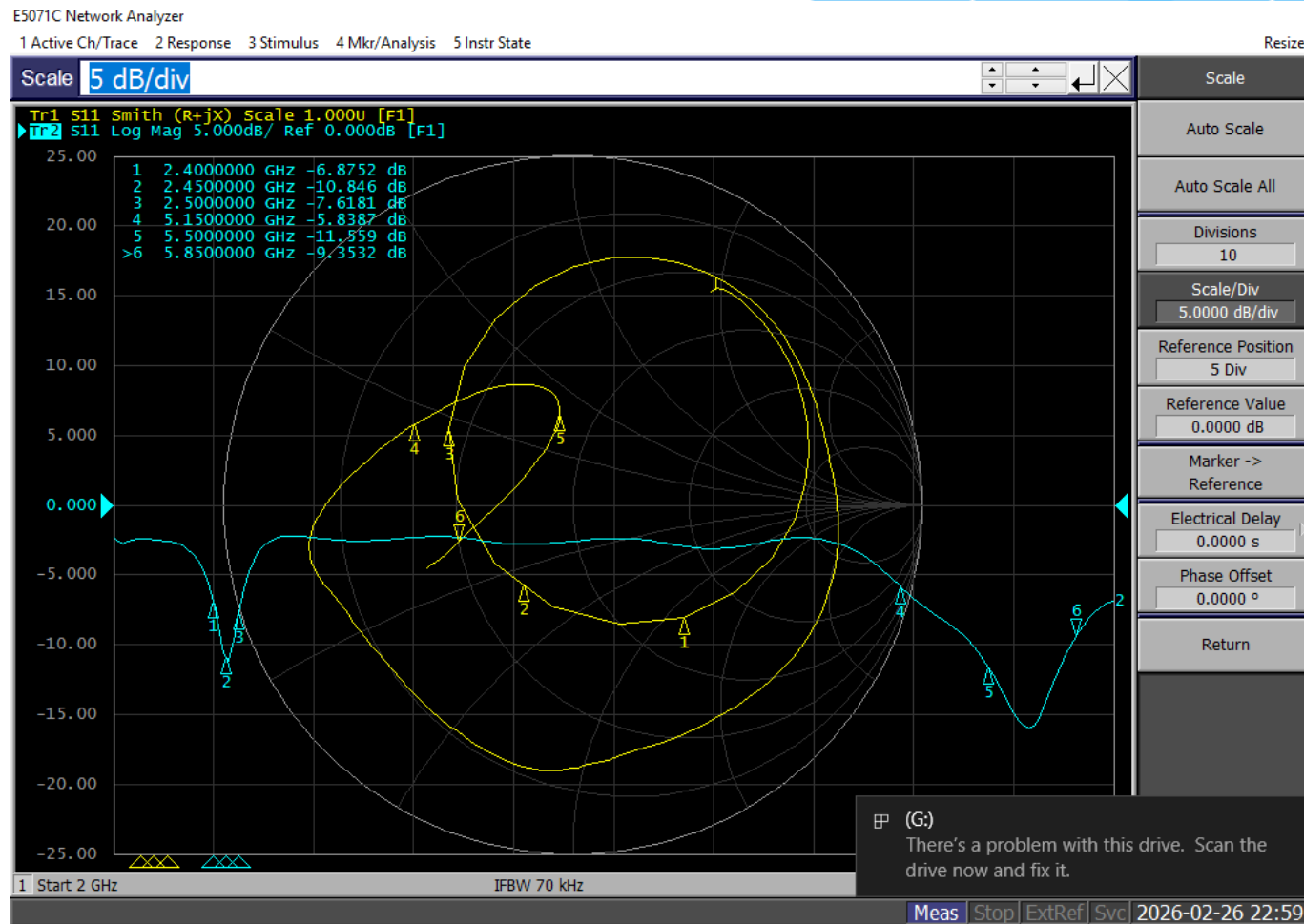
- Antenna Placement



	Dimension (mm)
L	7.00 ± 0.20
W	3.00 ± 0.20
T	1.15 ± 0.20

Manufacturer: Wancheng Technology Co., Ltd.

Ant. S11 Parameter



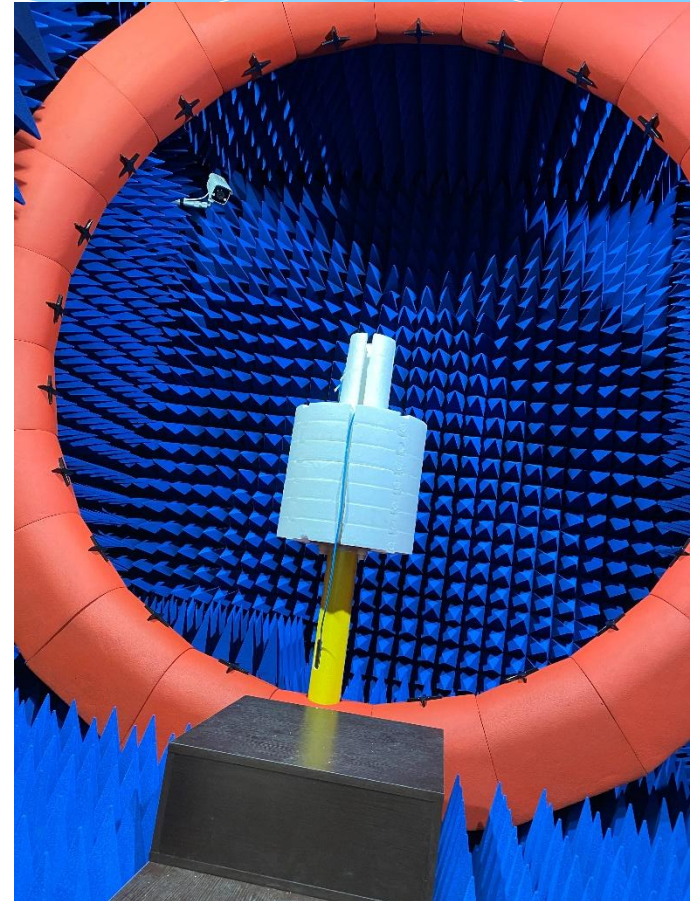
Equipment of OTA test



E5071C



CMW500

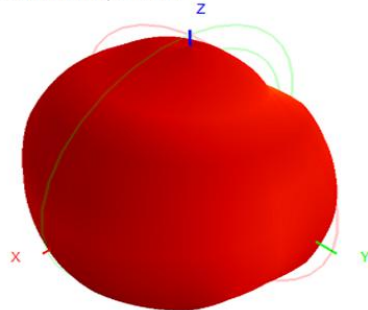


FTM-24D

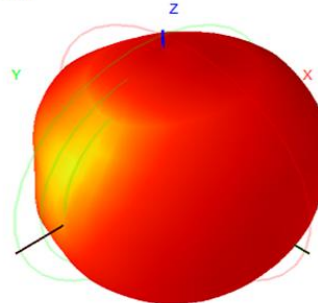
Ant. Gain Pattern @2.45GHz

- Passive Test (Free Space)

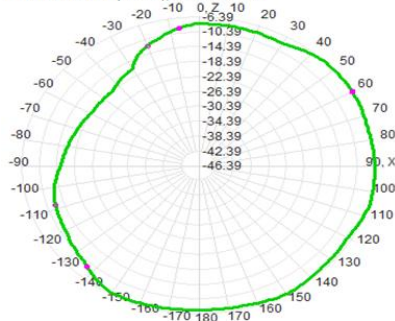
2450.0MHz Total, Eff: 12.5%



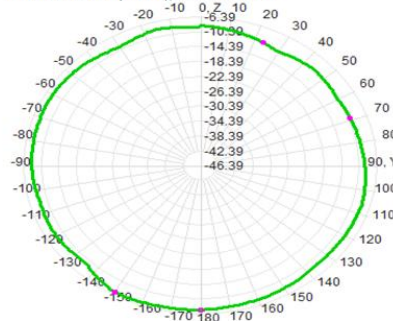
Back View



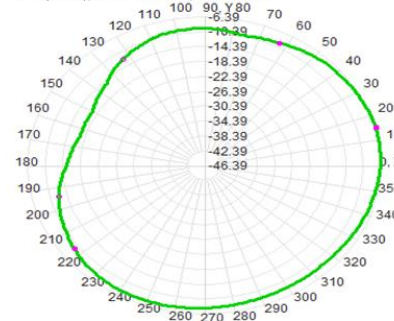
2450.0MHz Total(E1-XZ), Max=-6.39dBi



2450.0MHz Total(E2-YZ), Max=-7.37dBi



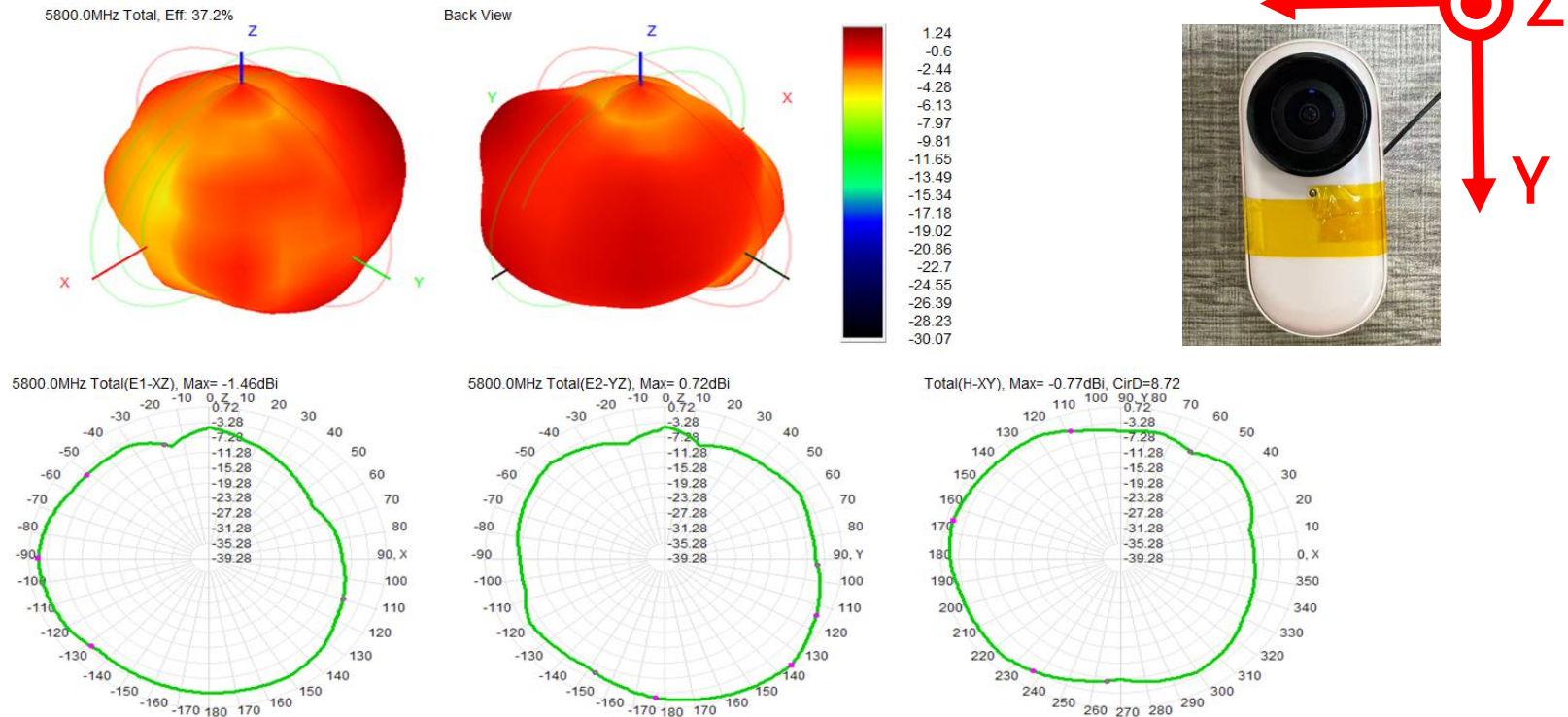
Total(H-XY), Max=-6.47dBi, CirD=10.72



Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-9.41	-9.28	-9.13	-8.88	-8.85	-9.01	-8.79	-8.67	-8.66	-8.89	-8.91
Gain (dBi)	-6.51	-6.38	-6.29	-5.91	-5.86	-6.07	-5.94	-5.92	-5.90	-6.09	-6.01
Efficiency (%)	11.47	11.80	12.21	12.95	13.03	12.55	13.21	13.58	13.63	12.90	12.86

Ant. Gain Pattern @5.8GHz

- Passive Test (Free Space)



Frequency (MHz)	5150.05	200.05	250.05	300.05	350.05	400.05	450.05	500.05	550.05	550.05	600.05	650.05	700.05	750.05	800.05	850.05
Efficiency (dBi)	-7.60	-6.55	-5.90	-5.30	-4.86	-4.49	-4.09	-4.08	-3.75	-3.77	-3.74	-3.78	-3.87	-4.29	-4.11	
Gain (dBi)	-2.15	-1.00	-0.11	0.16	0.73	1.25	1.36	1.33	2.08	1.61	2.02	1.81	1.55	1.24	1.33	
Efficiency (%)	17.38	22.14	25.72	29.50	32.63	35.53	39.02	39.08	42.14	41.97	42.23	41.86	41.02	37.20	38.79	