

Antenna Test Report

模组 V1.0

Customer	视晶无线
Agent	深兴
Project name	模组
Model. IC	--
Model. ANT	WAN8010F245H05

OneWaveTechnologyCo.,Ltd.
1F., No. 151, Ligong St., Beitou Dist., Taipei City 112, Taiwan (R.O.C.)

2022/10/27

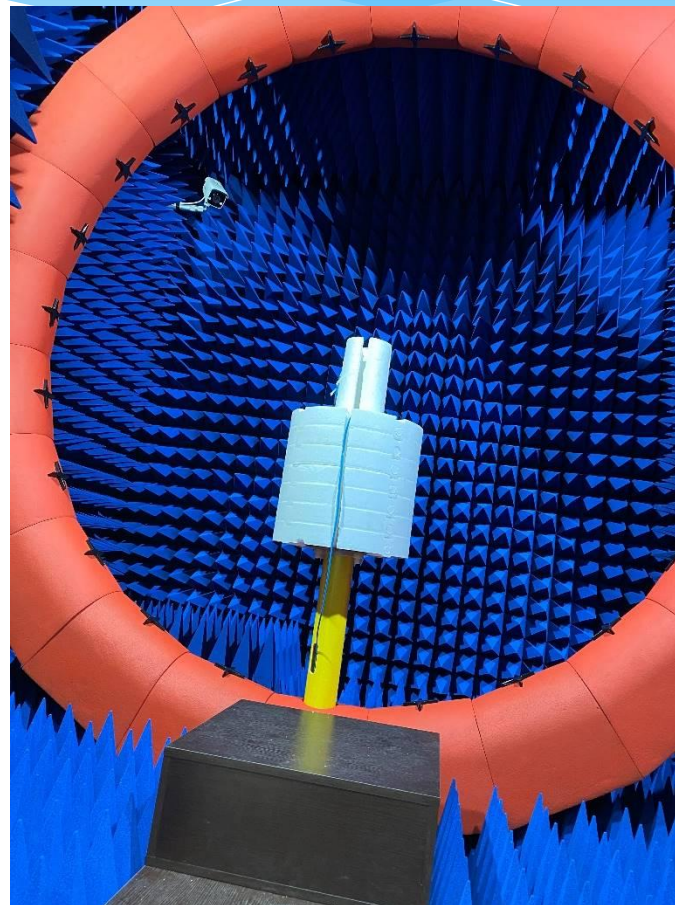
Equipment of OTA test



網路分析儀 E5071C



綜合測試儀 CMW500



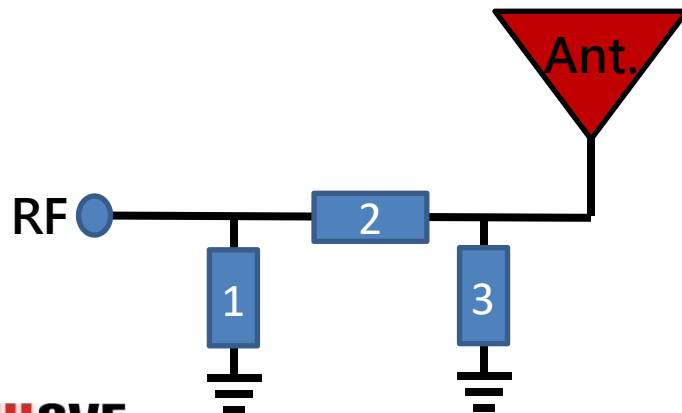
微波暗室 FTM-24D多探頭

Ant. Matching

- Antenna Placement



- Matching Circuit



天线净空区 :--mm

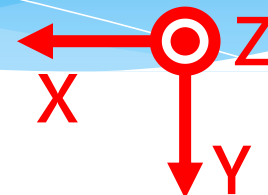
	LC	P/N
Ant.	WAN8010F245H05	
1	0.8pF	Murata
2	0R	--
3	NC	--

Ant. S11 Parameter

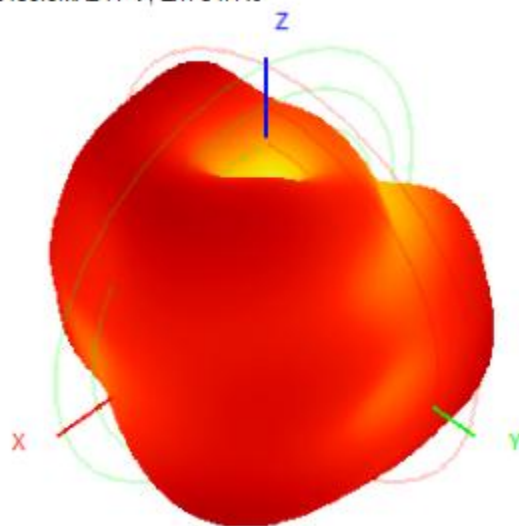


Ant. Gain Pattern @2.45GHz

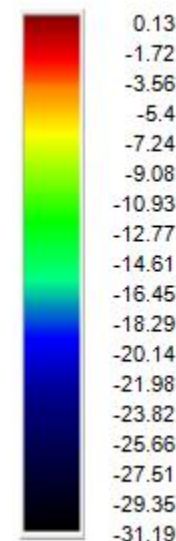
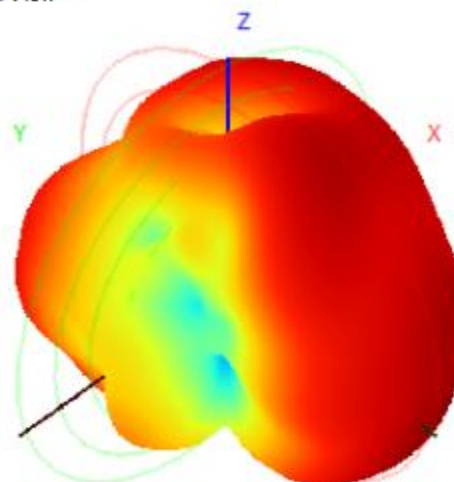
- Passive Test (free space)



2450.0MHz H+V, Eff: 34.1%



Back View



Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	-0.41	-0.37	-0.25	-0.06	0.08	0.13	0.08	-0.09	-0.36	-0.36	-0.36
Efficiency (%)	32.64	33.12	33.41	33.72	33.98	34.06	33.69	33.37	33.11	32.59	31.85