



Antenna Test Report

Customer		浩利源	Project name	331	DATE	2024.04.12
NO.	ITEMS	DETAILS				
1	Version	Ver1.1 2024.04.12				
2	Frequency	2400-2500MHz				
3	Type	Internal Antenna				
4	Structure	Shrapnel antenna				



东莞市启元电子科技有限公司
DONGGUAN Qi Yuan TECHNOLOGY,CO.,LTD

◆ *Device Profile*





◆ *Test equipment*



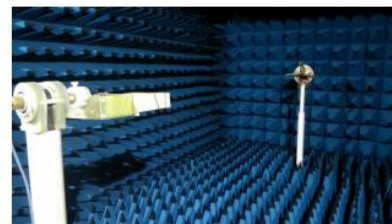
安捷伦 E5071C 网络分析仪



HP 8594E 频谱分析仪



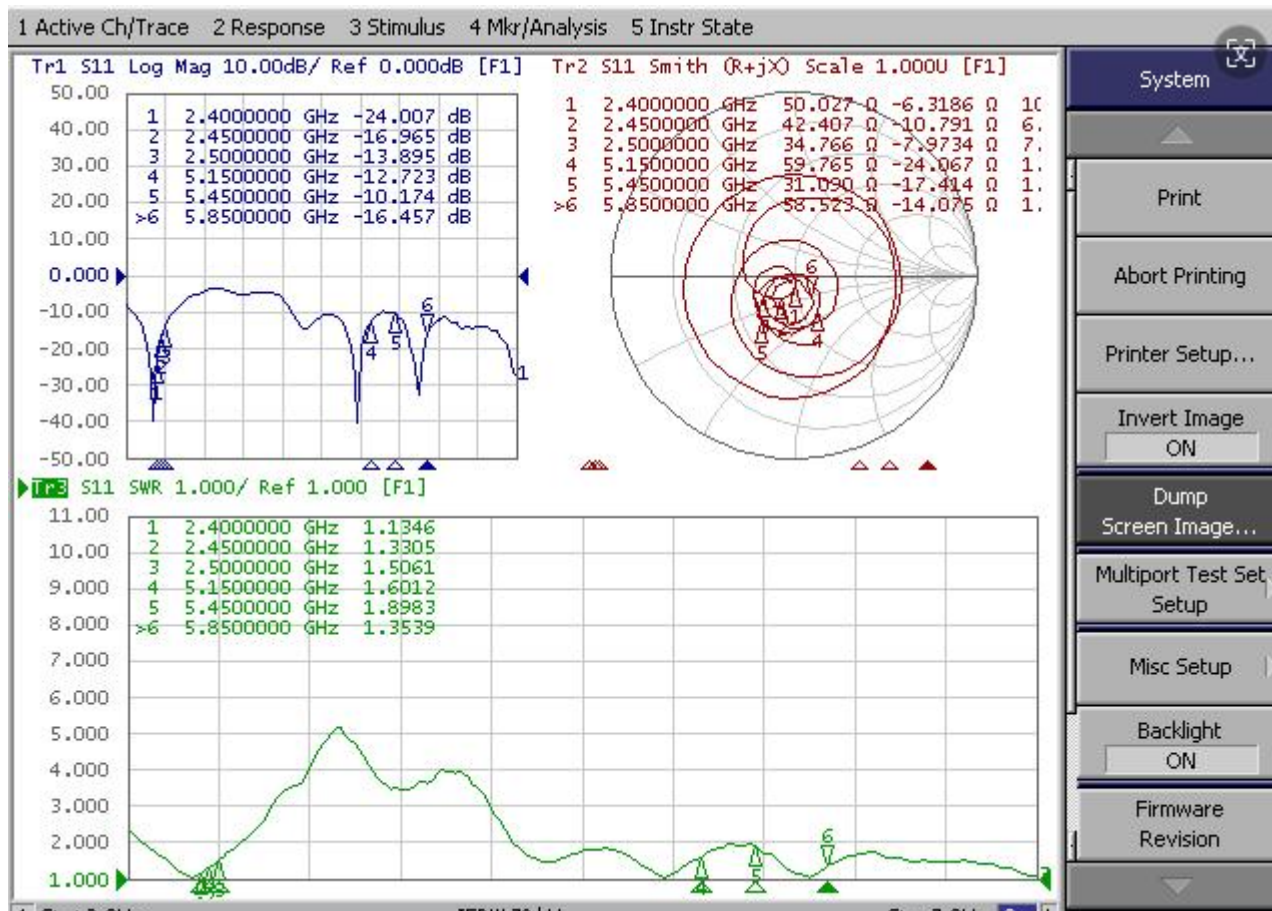
CMW-500



微波暗室

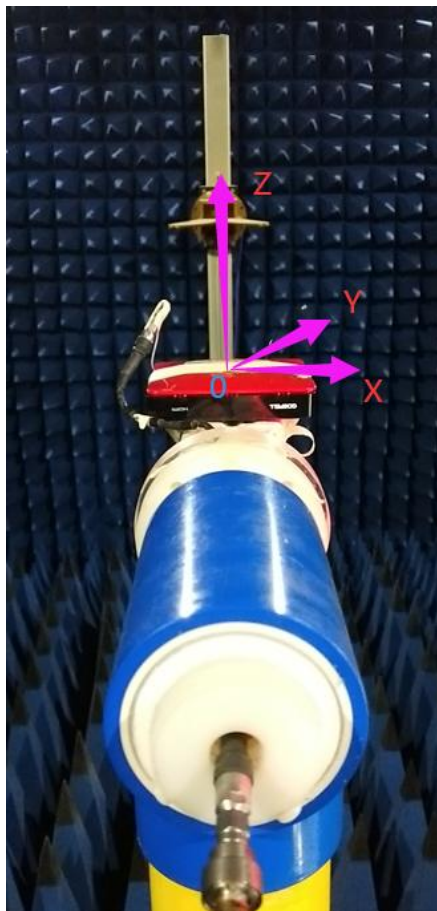


◆ V.S.W.R&Return Loss Test





◆ *Anechoic chamber Test*



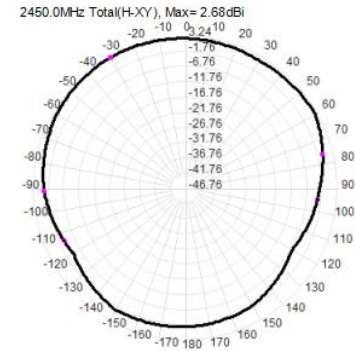
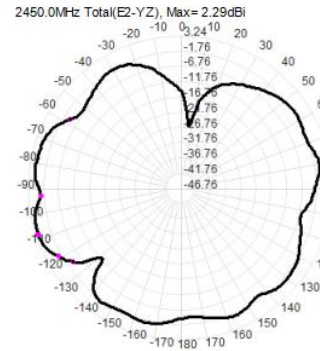
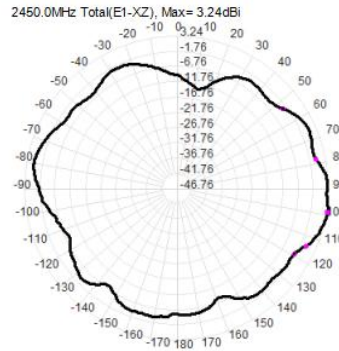
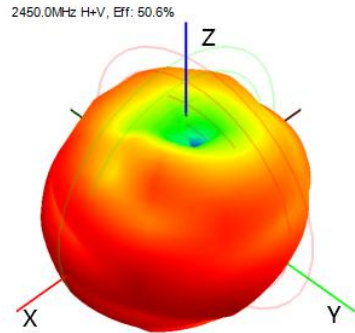


➤ Passive Test:

FEITUKEJI											
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
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)	2.80	2.90	2.94	3.09	2.97	3.24	3.15	3.05	2.91	2.88	2.83
Efficiency (%)	48.05	48.16	49.96	49.74	50.46	50.62	49.34	48.31	49.72	48.54	48.49



➤ Field charts:





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Thank you!



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