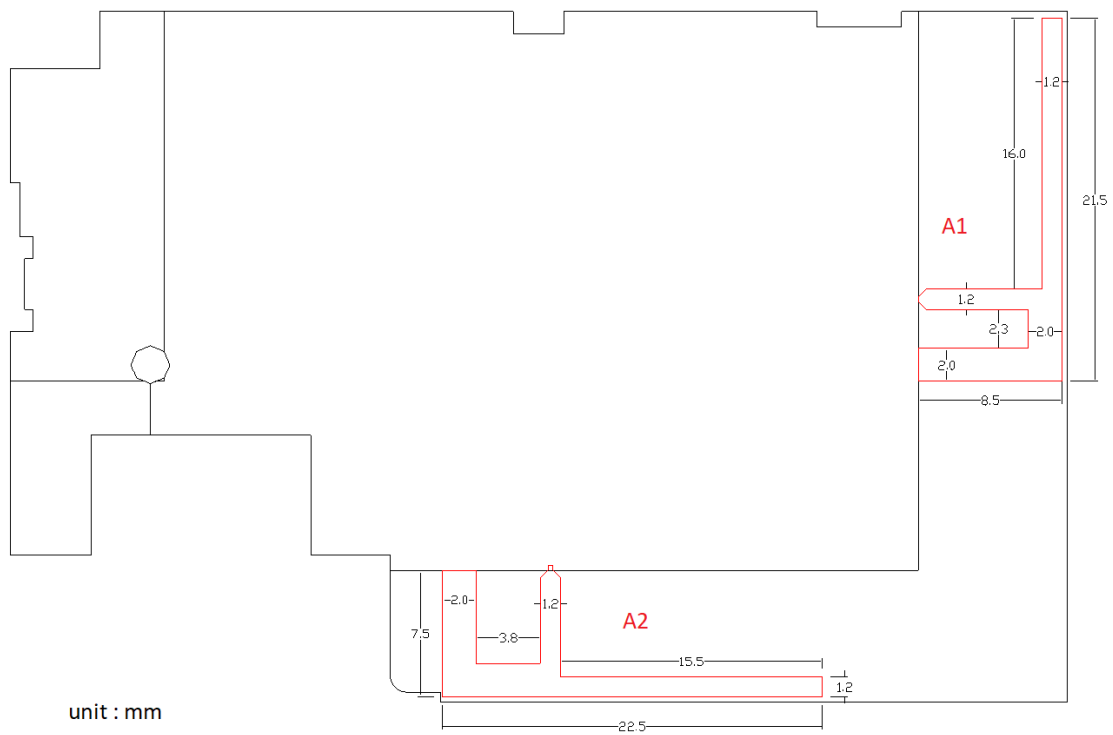
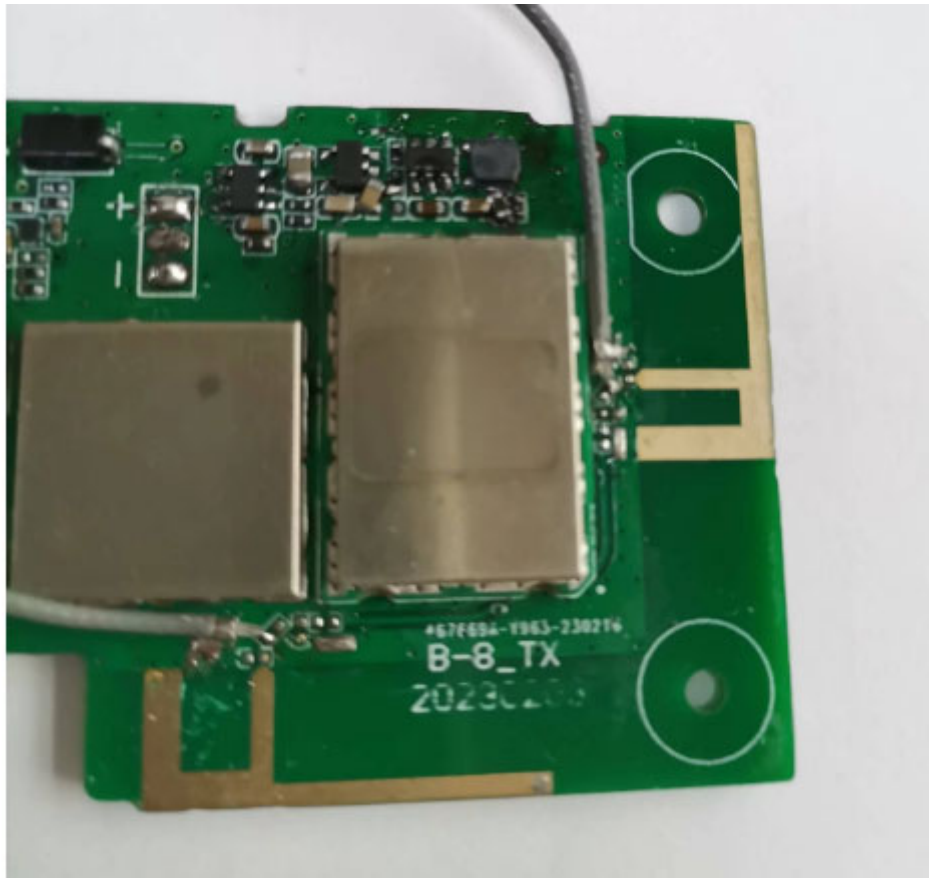


TEST REPORT

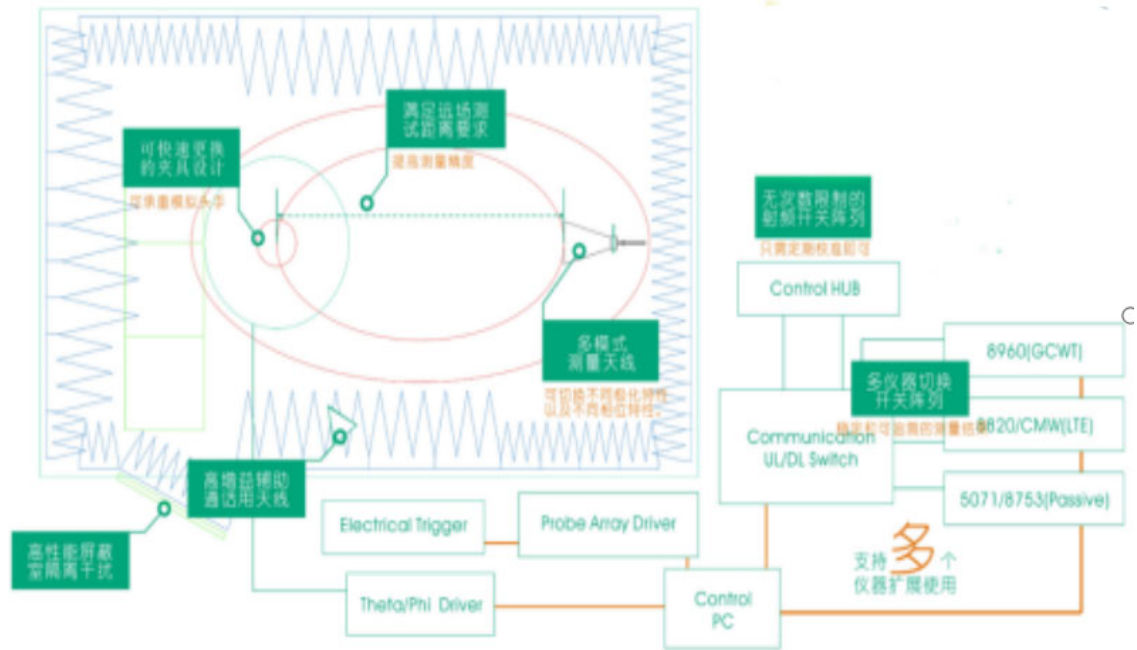
APPLICANT : Cherub Technologw Co., Ltd.
PRODUCT NAME : B-8 wireless systems
SAMPLE MODEL : B-8
FREQUENCY BAND : 2400MHz-2500MHz
TEST DATE : 20231007

修订日期	修 订 内 容	修订者	原版本

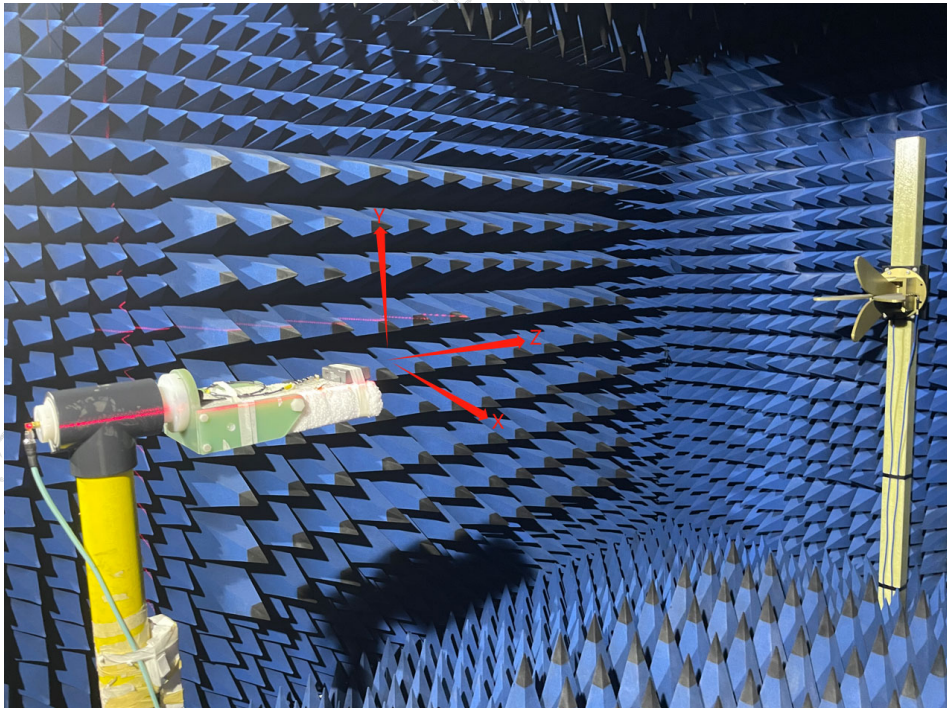
Antenna size



Test Setup

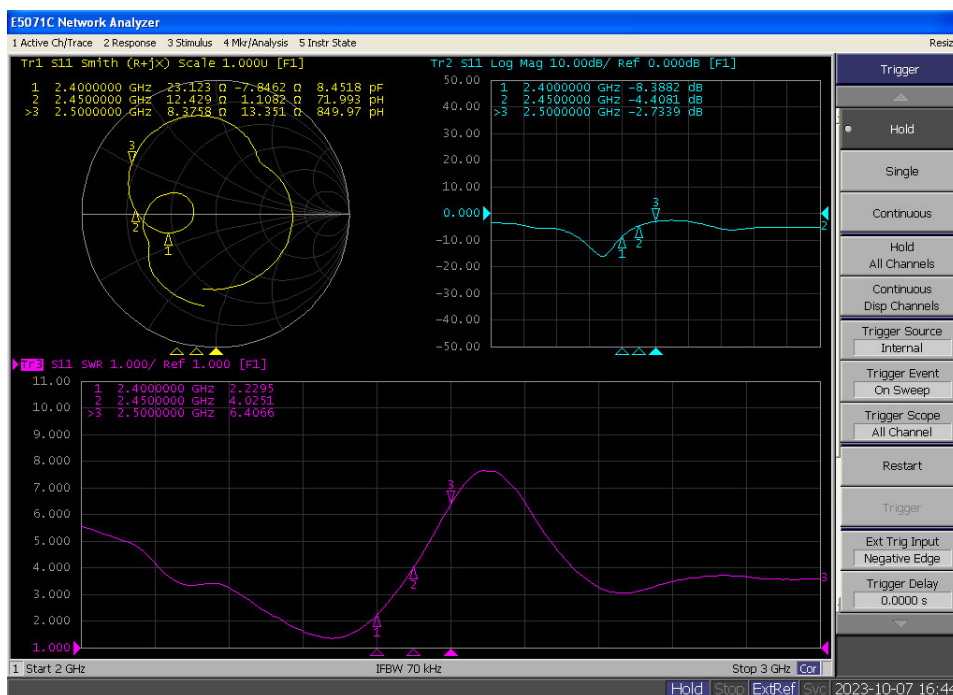


Antenna test location



Antenna test data (A1)

➤ S11



➤ VSWR

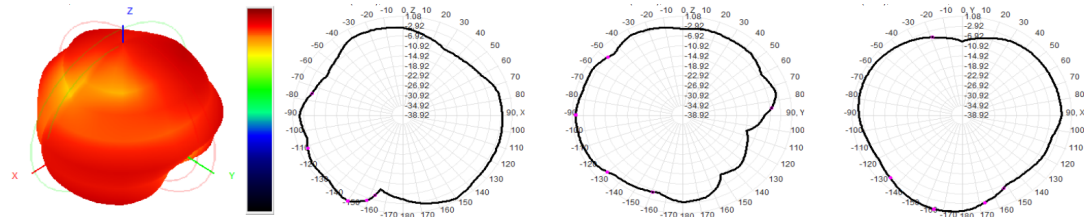
Freq/MHz	2400MHz	2450MHz	2500MHz
VSWR	2.22	4.02	6.40

➤ Gain and Efficiency

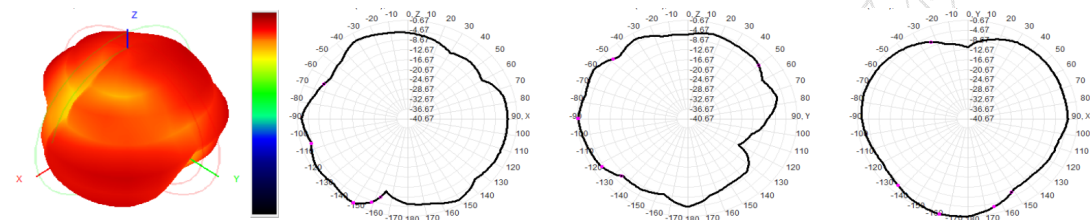
Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400.0	1.08	48.47
2410.0	0.79	46.31
2420.0	0.48	43.18
2430.0	0.24	40.55
2440.0	-0.24	35.34
2450.0	-0.67	31.87
2460.0	-1.05	29.22
2470.0	-1.41	27.42
2480.0	-1.66	25.83
2490.0	-2.28	22.30
2500.0	-2.05	22.37

➤ 3D Radiation Pattern

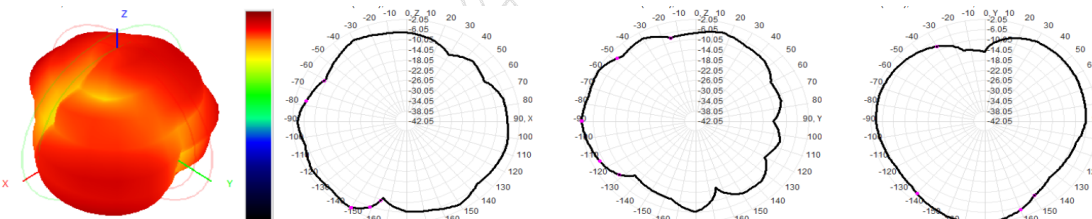
2400M 3D-E1-E2-H (Gain: dBi)



2450M 3D-E1-E2-H (Gain: dBi)

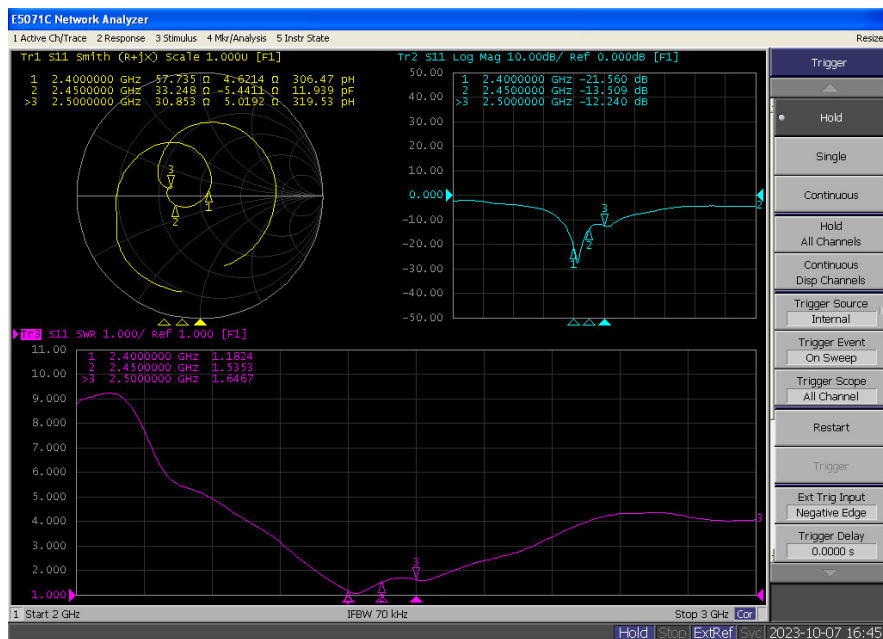


2500M 3D-E1-E2-H (Gain: dBi)



Antenna test data (A2)

➤ S11



➤ VSWR

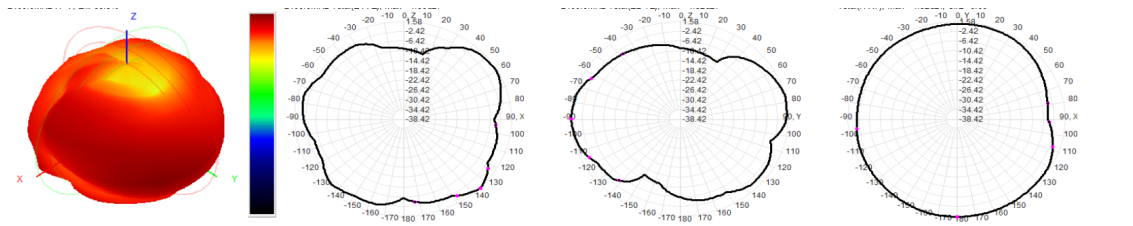
Freq/MHz	2400MHz	2450MHz	2500MHz
VSWR	1.18	1.53	1.64

➤ Gain and Efficiency

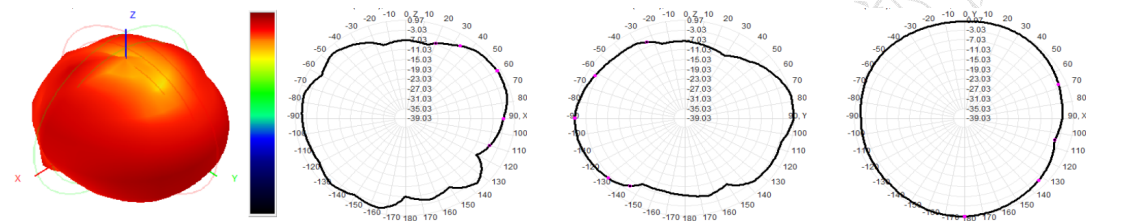
Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400.0	2.66	66.28
2410.0	2.54	65.30
2420.0	2.29	64.23
2430.0	1.81	63.16
2440.0	1.87	60.67
2450.0	2.00	60.09
2460.0	1.91	59.40
2470.0	1.83	59.36
2480.0	1.36	59.69
2490.0	1.27	57.95
2500.0	1.76	60.29

➤ 3D Radiation Pattern

2400M 3D-E1-E2-H (Gain: dBi)



2450M 3D-E1-E2-H (Gain: dBi)



2500M 3D-E1-E2-H (Gain: dBi)

