

深圳市芯讯高科技有限公司

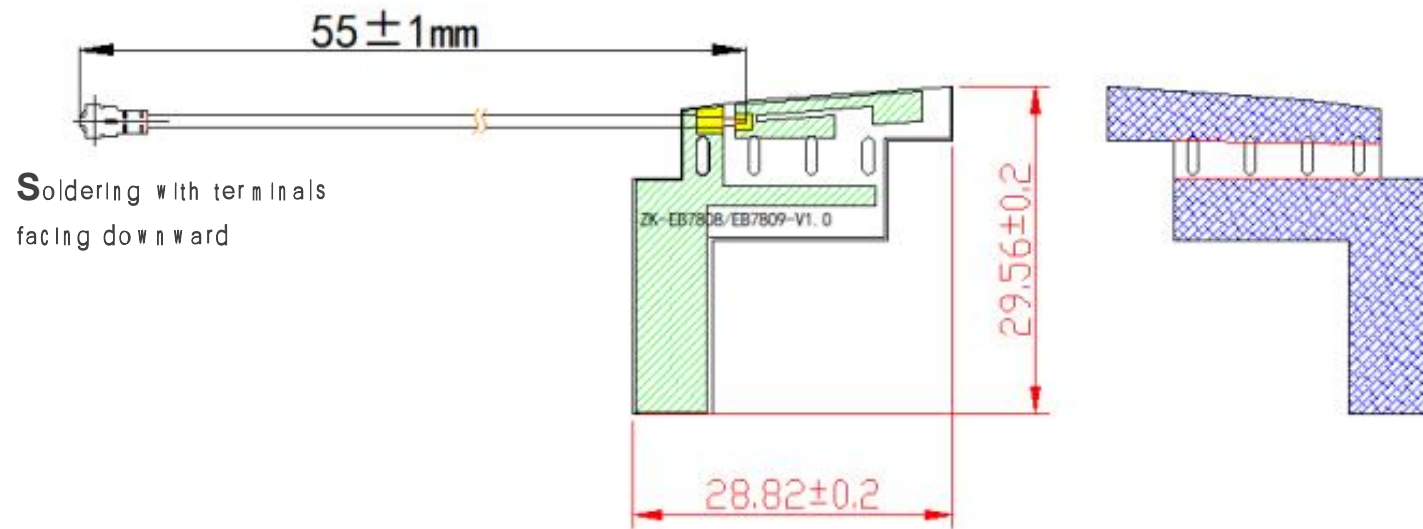
SHENZHEN XINXUNGAO TECH CO.,LTD

Address: Room 3A32, Block B, Huafeng Headquarters Economic Building, No. 288, Xixiang Avenue, Labor Community, Xixiang Sub-district, Bao'an District, Shenzhen City

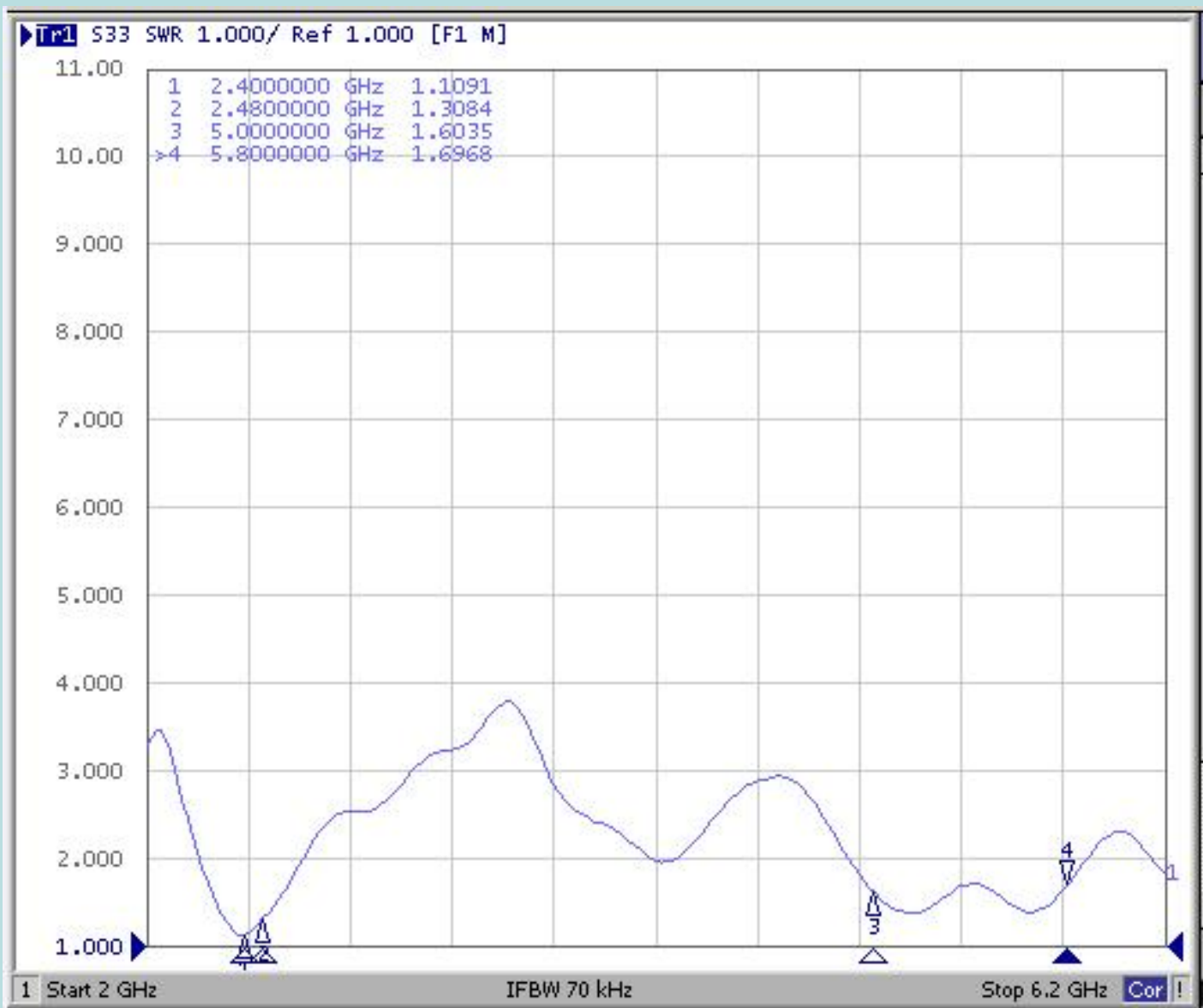
Test report

Customer	Yitoa digital	Project	WIFI antenna
RF Engineer	Wang Shun	Cell Phone	13480129802
ME Engineer		Call	
Date	2024.10.14	E-mail	

Antenna Image:



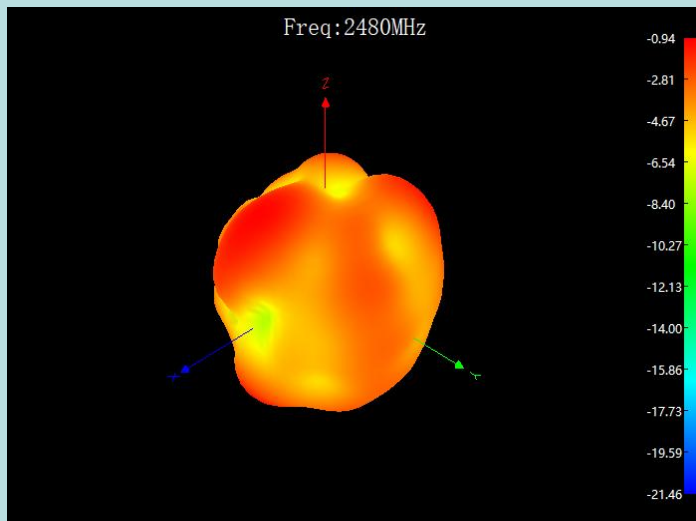
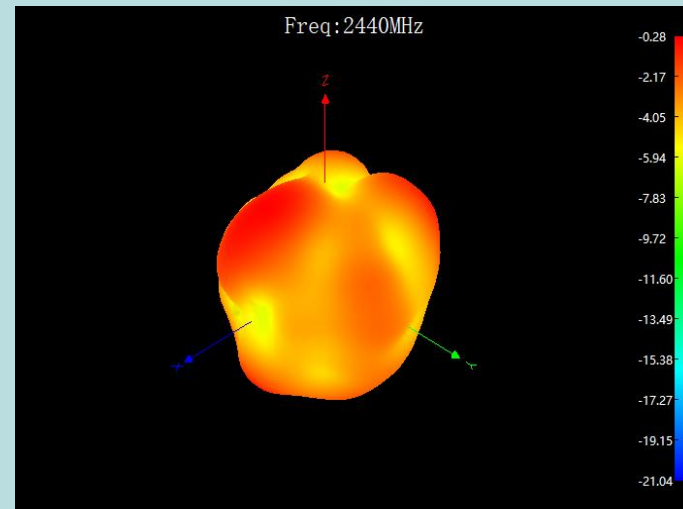
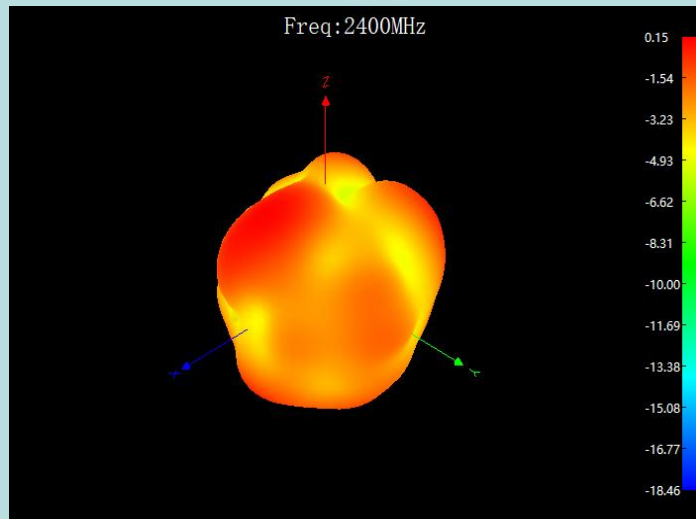
S11:

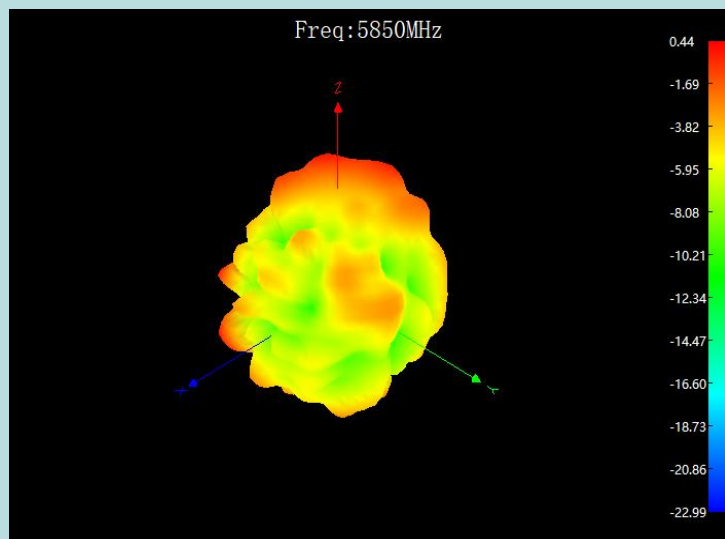
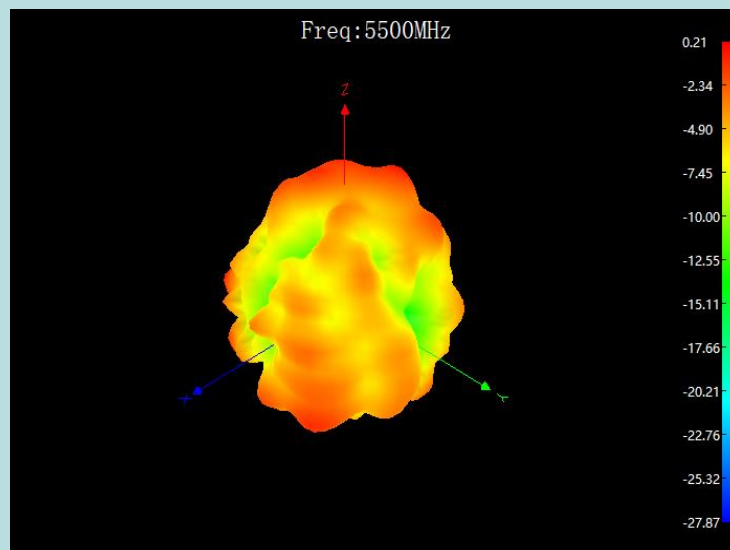
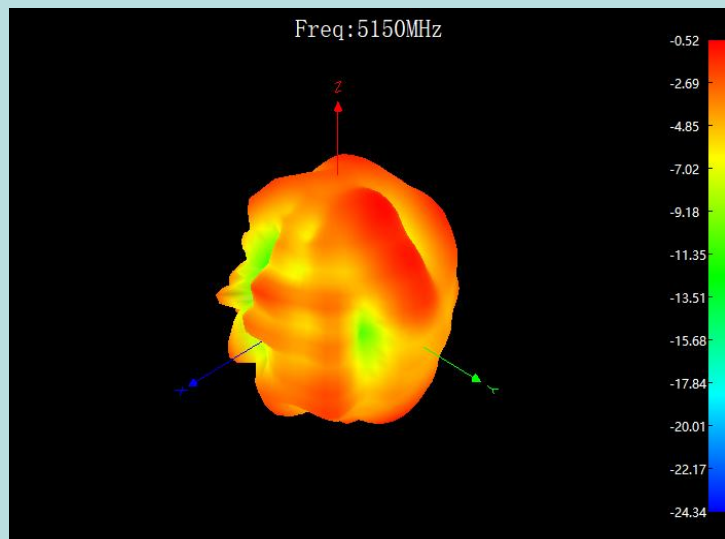


Gain efficiency :

Frequency/Mhz	Efficiency / %	MaxGain/dBi
2400	49.99	0.15
2410	49.54	0.34
2420	48.11	0.03
2430	47.5	-0.02
2440	47.07	-0.28
2450	46.22	-0.47
2460	46.31	-0.56
2470	45.24	-0.75
2480	44.43	-0.94
5150	43.04	-0.52
5200	39.38	-0.99
5250	36	-0.46
5300	35.47	-0.46
5350	33.82	-0.78
5400	35.06	-0.73
5450	36.92	-0.14
5500	37.86	0.21
5550	39.17	0.85
5600	37.23	0.68
5650	38.64	0.81
5700	36.98	0.88
5750	35.64	0.98
5800	36.79	1.07
5850	35	0.44

Radiation Pattern :





OTA Test data:

Measurement	Band	Channel	Frequency	Total
TRP	WIFI_B (11M)	1	2412	13.94
TRP	WIFI_B (11M)	6	2437	13.97
TRP	WIFI_B (11M)	11	2462	13.76
TIS(EIRP)	WIFI_B (11M)	1	2412	-80.49
TIS(EIRP)	WIFI_B (11M)	6	2437	-80.35
TIS(EIRP)	WIFI_B (11M)	11	2462	-79.14
TRP	WIFI_A (54M)	36	5180	7.65
TRP	WIFI_A (54M)	64	5320	8.63
TRP	WIFI_A (54M)	165	5825	7.97
TIS(EIRP)	WIFI_A (54M)	36	5180	-68.61
TIS(EIRP)	WIFI_A (54M)	64	5320	-69.65
TIS(EIRP)	WIFI_A (54M)	165	5825	-70.6