

Shenzhen Shengye Technology Co., LTD

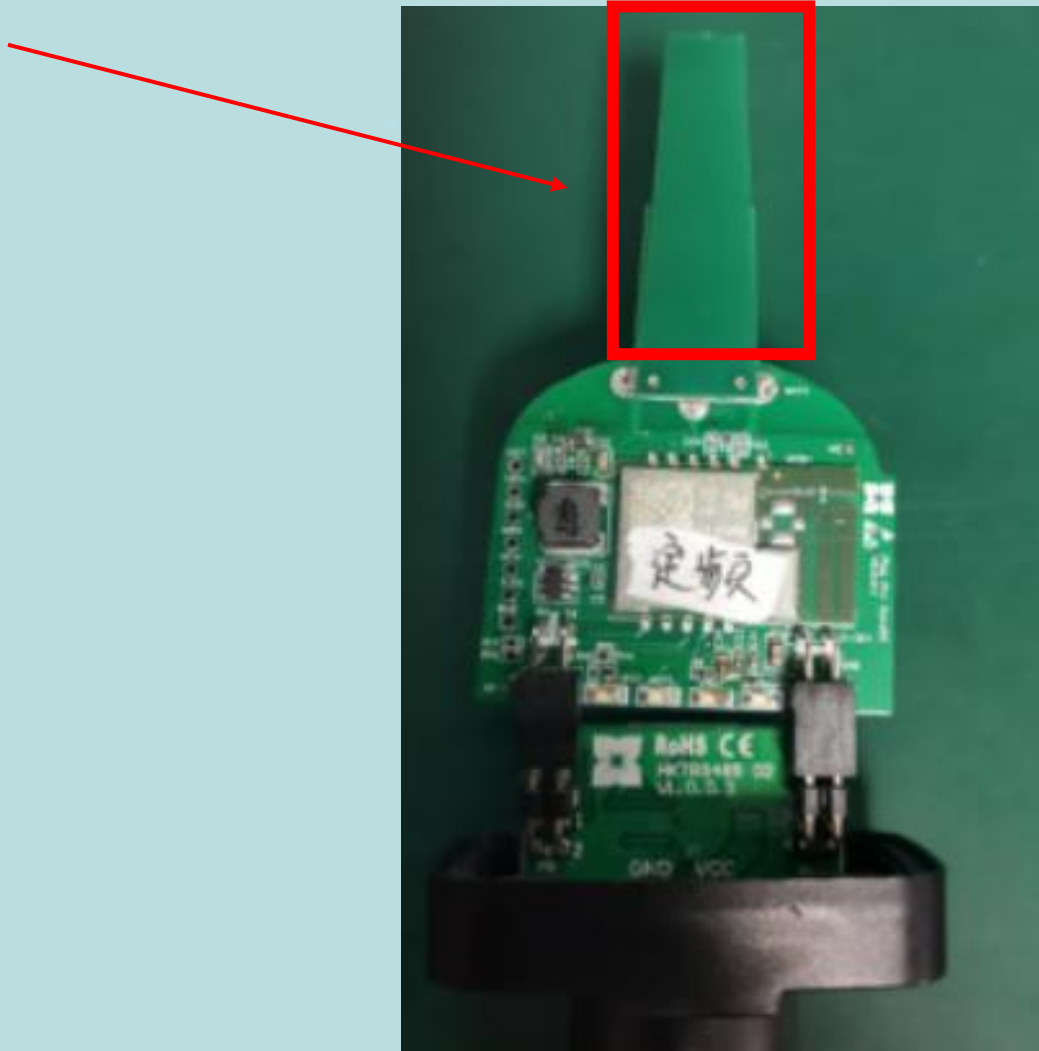
test report

customer name	YiBang sunshine	project name	Built-in PCB-WIFI
Radio frequency engineer	Wang Shun	telephone	13480129802
construction engineer	Shi-bin zhang	telephone	15994751382
date	2023.09.12	postbox	

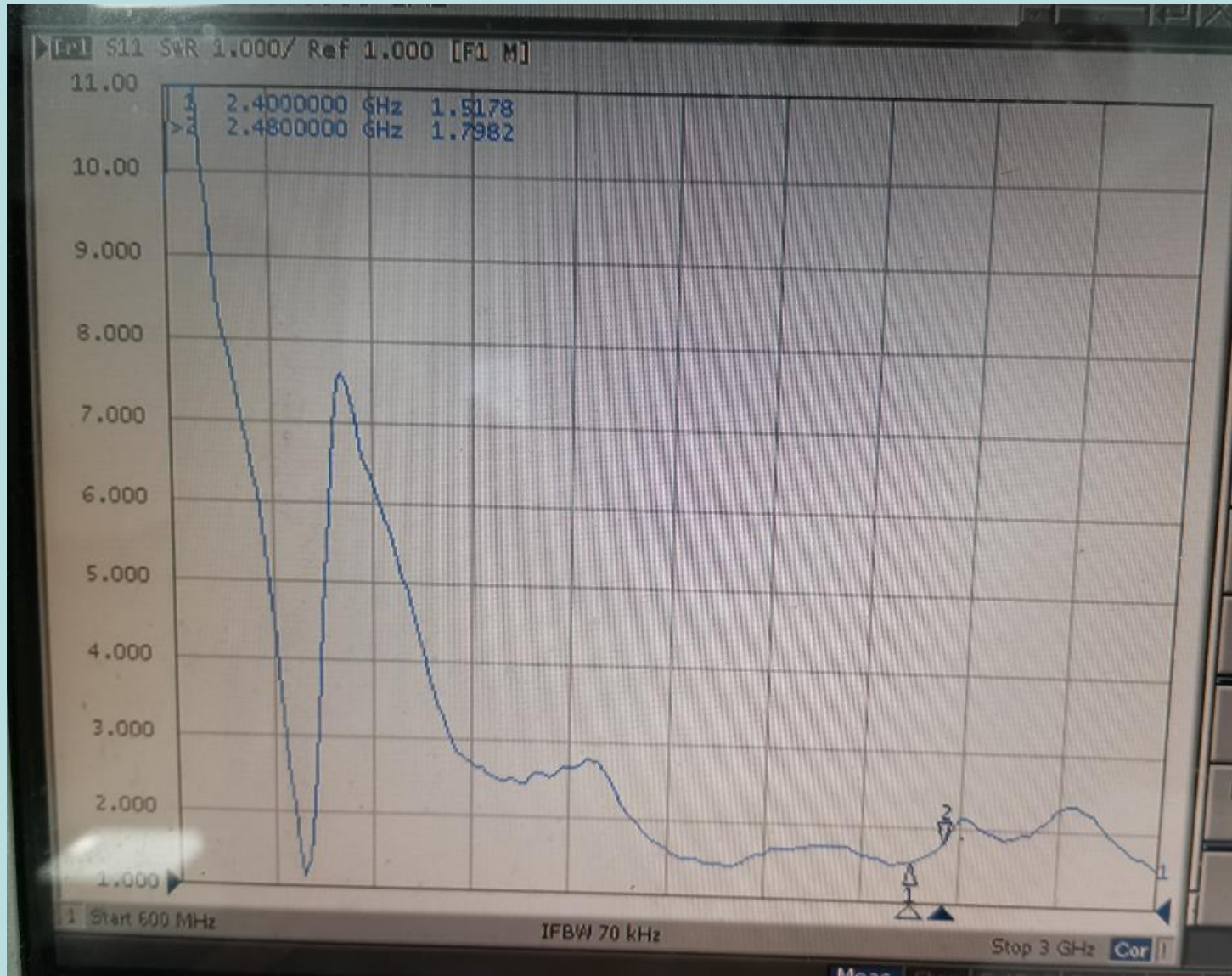
1. OTA data:

Band	Channel	Frequency	Total
WIFI_B (11M)	1	2412	15.88
WIFI_B (11M)	6	2437	15.63
WIFI_B (11M)	11	2462	16.47
WIFI_B (11M)	11	2462	-86.6
WIFI_G (54M)	1	2412	13.27
WIFI_G (54M)	6	2437	13.17
WIFI_G (54M)	11	2462	13.55
WIFI_G (54M)	11	2412	-74.62
WIFI_N_ISM (65M)	1	2412	12.17
WIFI_N_ISM (65M)	6	2437	12.32
WIFI_N_ISM (65M)	11	2462	12.43
WIFI_N_ISM (65M)	11	2462	-70.8

2. Antenna picture:



3. Resident wave graph:



4. Gain efficiency:

Frequency/Mhz	Efficiency / %	MaxGain/dBi
2400	61.94	2.36
2410	60.39	1.95
2420	58.61	2.06
2430	54.2	1.35
2440	57.94	1.83
2450	54.7	1.38
2460	51.64	1.11
2470	47.97	0.9
2480	44.98	0.48

5. Direction diagram:

