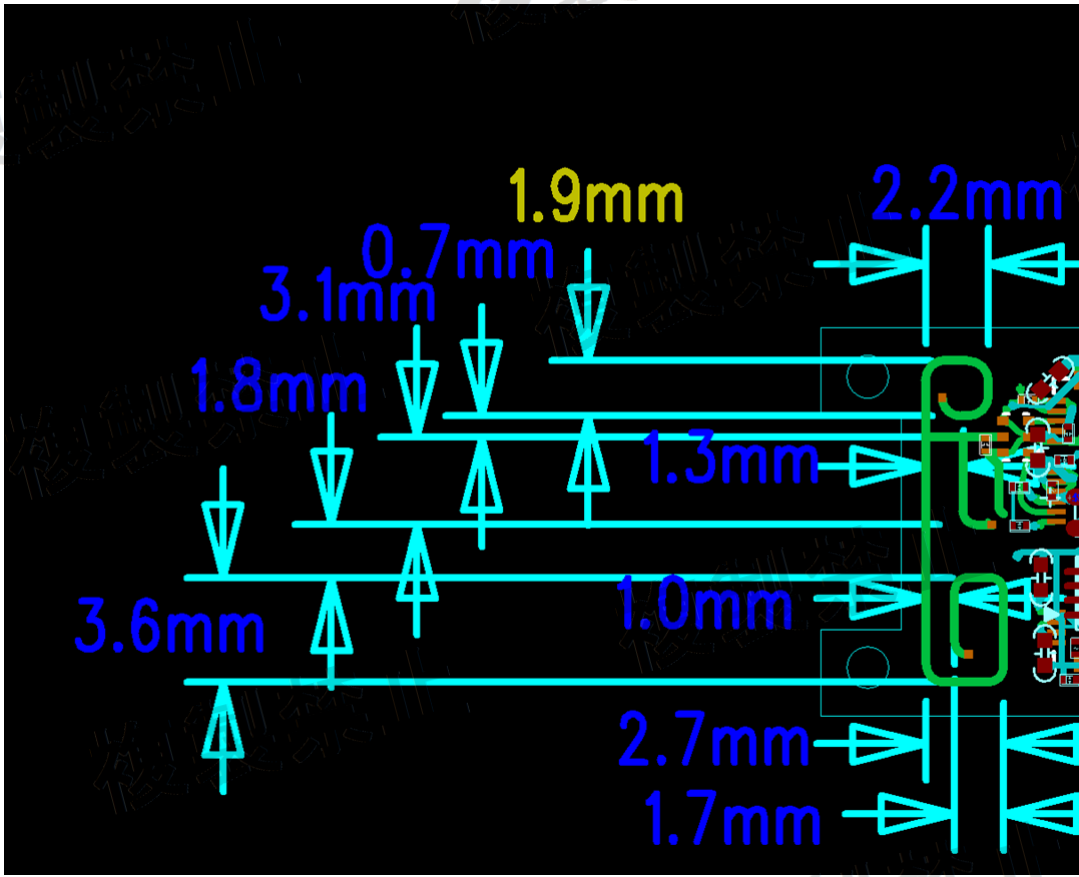


Antenna Test Report

Antenna	Internal Antenna
Location of measurement(company name)	Guangdong Zhanwei Electronic Technology Co., Ltd.
Manufacturer:	Room 101, No. 9 Jinshagang 2nd Road, Dalang Town, Dongguan City, Guangdong Province, China
测试条件 Test Conditions	常温环境下温度：21℃， 湿度：50%RH Humidity：50%,Temperature：21℃，
测试设备 Test Equipment	SATIMO-OTA 实验室；CMW500；MT8000；E5071C 等 SATIMO-OTA Lab,
测试环境 Test Ambient	温度(Temperature): 25 ____℃ 湿度(Humidity): ____40____RH
判定标准 Decision criteria	见下表 TRP/TIS 故障判定标准 Look at the table of TRP and TIS

1.External View Drawing:

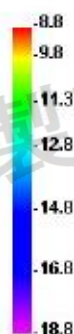
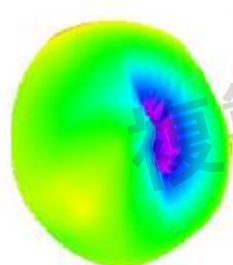
Antenna Photo & Length (mm)



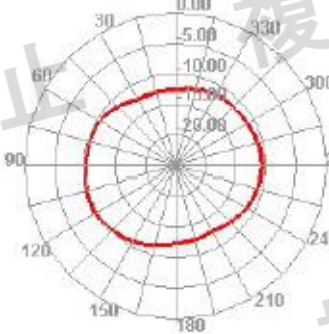
2. Antenna Test Data

Passive Test For WiFi2.4												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Directivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
2400	6.31	-12	-8.84	-10.99	2.853	3.457	-8.84	-22.4	3.16	30	50.93	51.08
2410	6.12	-12.13	-8.87	-11.02	2.765	3.359	-8.87	-23.03	3.26	30	50.96	51.13
2420	7.33	-11.35	-8.08	-10.23	3.342	3.993	-8.08	-23.05	3.27	30	50.93	51.12
2430	8.52	-10.7	-7.49	-9.64	3.92	4.597	-7.49	-22.93	3.21	30	51.04	51.23
2440	8.64	-10.63	-7.51	-9.66	4.025	4.616	-7.51	-22.75	3.12	30	51.26	51.4
2450	9.72	-10.12	-7.07	-9.22	4.586	5.134	-7.07	-21.18	3.05	60	51.55	51.71
2460	11.2	-9.51	-6.48	-8.63	5.349	5.855	-6.48	-19.4	3.02	60	51.45	51.6
2470	14.18	-8.48	-5.47	-7.62	6.832	7.35	-5.47	-17.43	3.01	60	51.73	51.88
2480	16.81	-7.74	-4.77	-6.92	8.163	8.649	-4.77	-16.11	2.97	60	51.85	52.01
2490	19.06	-7.2	-3.88	-6.03	9.338	9.723	-3.88	-15.38	3.32	60	52.01	52.05
2500	18.52	-7.32	-3.68	-5.83	9.199	9.316	-3.68	-15.64	3.64	30	52.04	52.07

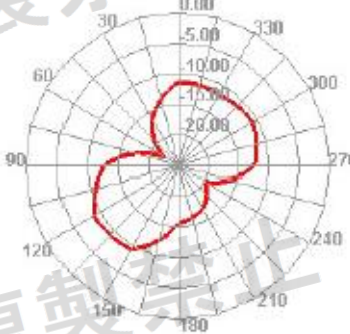
2400.000MHz



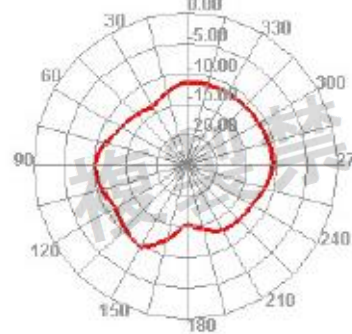
2400.000MHz H



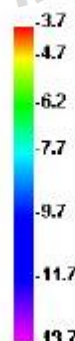
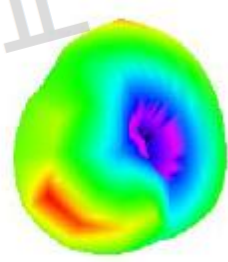
2400.000MHz E1



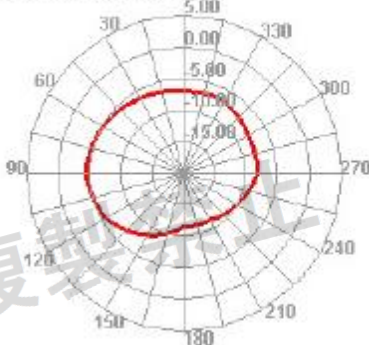
2400.000MHz E2



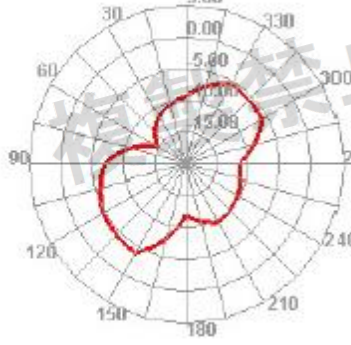
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

