项目信息/Project brief

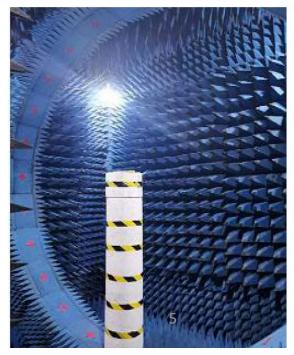
NO	ITEMS	DETAILS
1	工作频段 Operating band	WIFI:2.4G/5G BT
2	频率范围 Frequency band	WIFI:2400-2500Mhz;5180-5850Mhz BT:2400-2500Mhz
3	天线类型 Antenna type	WIFI:PIFA BT:PIFA
4	天线材质及实现形状 Material and implementation shape	金属壳子

Applicant: SYNLAN TECHNOLOGY PTE. LTD.

Address: 7 TEMASEK BOULEVARD #29-01D SUNTEC TOWER ONE SINGAPORE (038987)

PART 3 Test system and equipment

	测试项目/Test items	设备/equipment
1: S参数 S parameter	1.驻波比 2.回波损耗	网络分析仪/Network analyzer: A338/A333
2: 耦合功率测试 Active test	1. 发射功率 Transmitting power 2. 接收灵敏度Receiving sensitivity	综合测试仪/Comprehensive test instrument: Agilent 8960/ CMW500
3: 辐射模式与增益 Radiation mode and gain	1.效率,增益 2.辐射模式	1. 暗室/Shielding room: 7x4x3 m (ETS-3D) 2. 网络分析仪/Network analyzer: HP 8753D











测试数据/RFReport

	1	13.84	F
WIFI	7	14.52	
11b	13	14.63	-84.11
	i i	T	i i
WIFI	. 1	13.12	3
	7	12.56	
11g	13	12. 43	-71.55
	-	10.10	
WIFI	1	12.13	
11n	7	11.69	
1111	13	11.25	-70.48
штют	36	12.69	
WIFI	149	11.53	
11a	161	10.74	-69.61

测试数据/RFReport

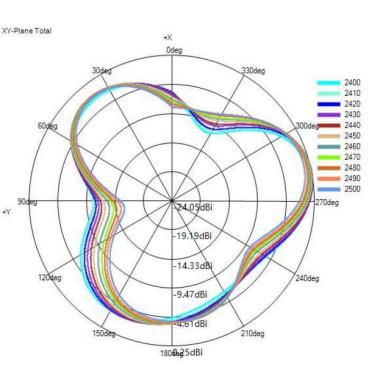
2.4G WIFI+BT

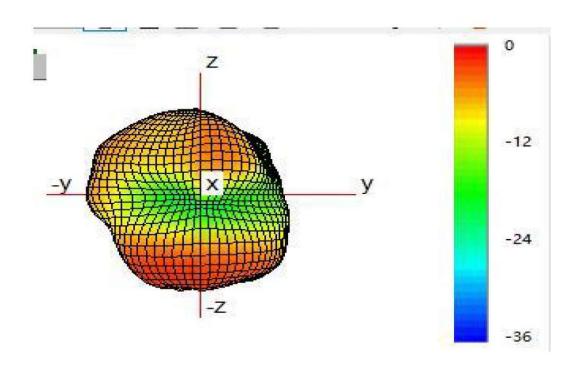
Freq (MHz)	Gain (dBi)	Efficien cy (%)
2400	-0.36	34.00
2410	-0.41	34. 38
2420	-0.33	34.86
2430	-0.39	34. 53
2440	-0.49	33.51
2450	-0.69	32.51
2460	-0.79	31.23
2470	-0.87	29. 73
2480	-0.83	29. 29
2490	-0.81	28. 32
2500	-0.94	26.70

5G WIFI

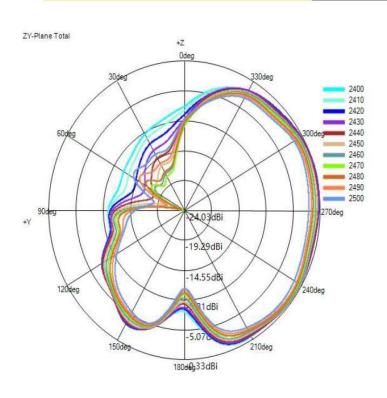
Freq (MHz)	Gain (dBi)	Efficien cy (%)
5000	0.08	34. 26
5100	0.49	35.32
5200	0.61	34. 28
5300	0.26	31.24
5400	0.73	33.97
5500	0.38	31.48
5600	0.72	34.82
5700	-0.42	31.59
5800	-0.50	29.44
5900	-0.94	25. 91
6000	-1.25	24. 47

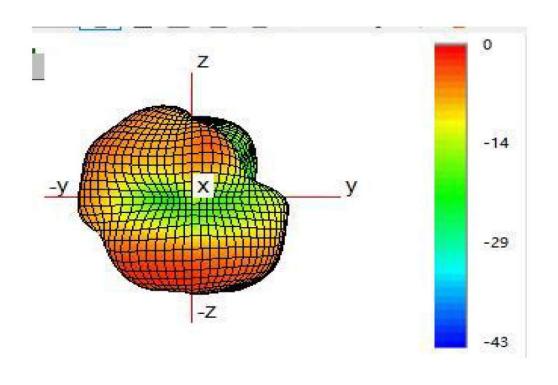
测试数据/RFReport



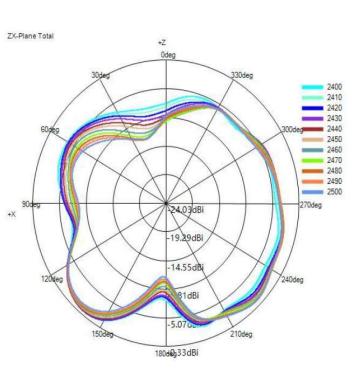


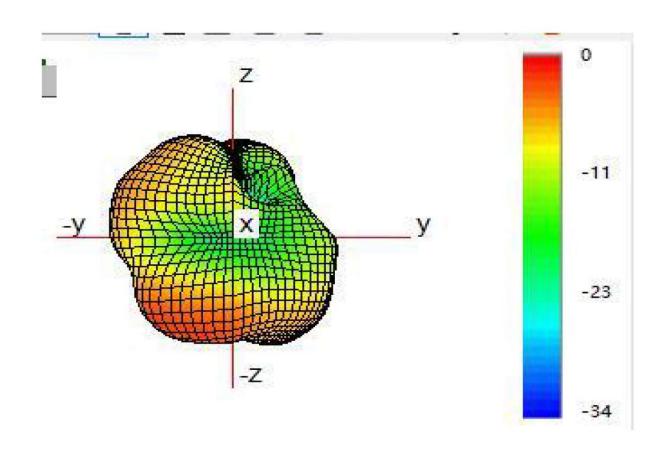
测试数据/RFReport





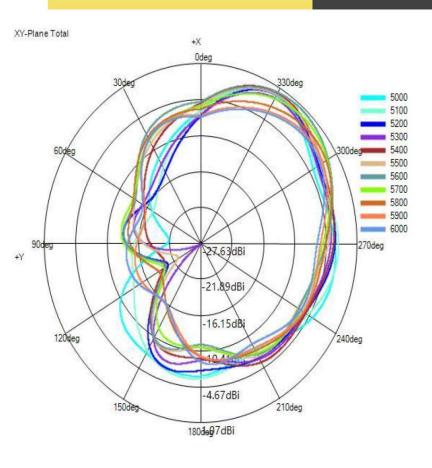
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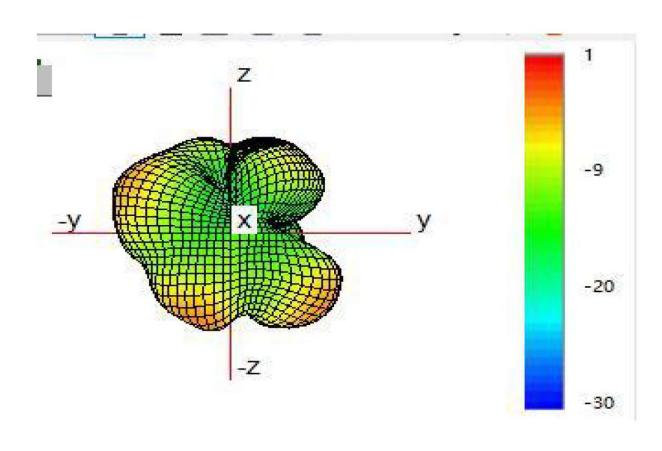




测试数据/RFReport

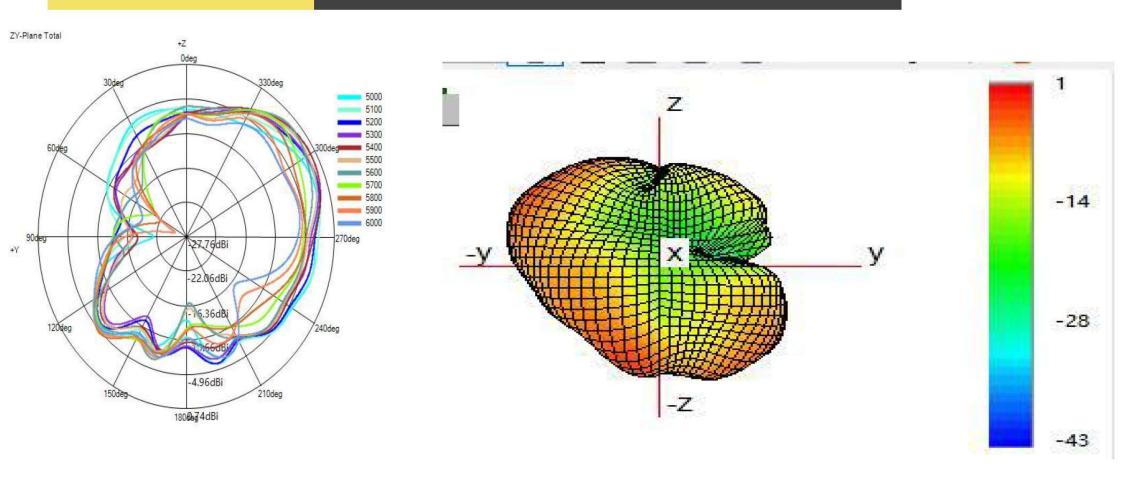
WIFI





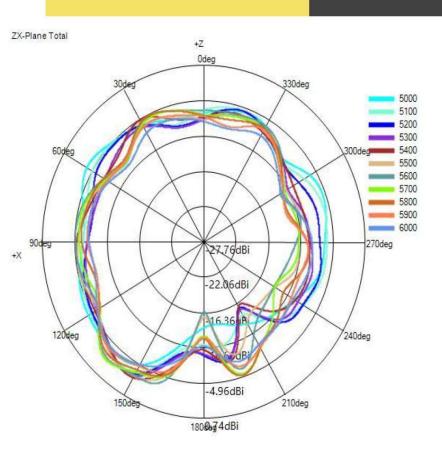
测试数据/RFReport

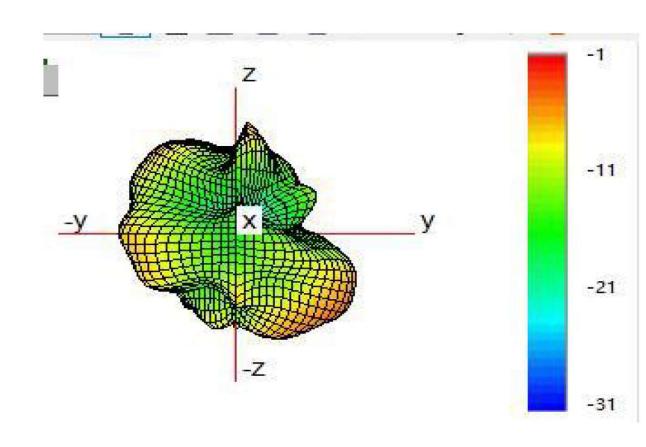
WIFI



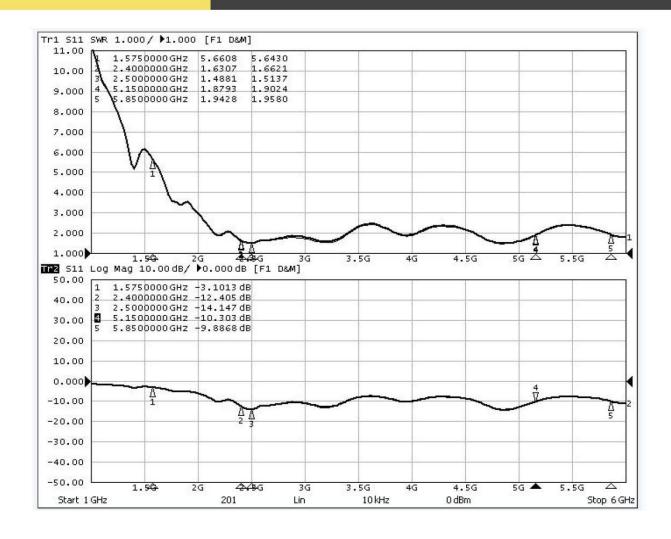
测试数据/RFReport

WIFI





测试数据/RFReport



测试整机



