

深圳天宇通电子有限公司



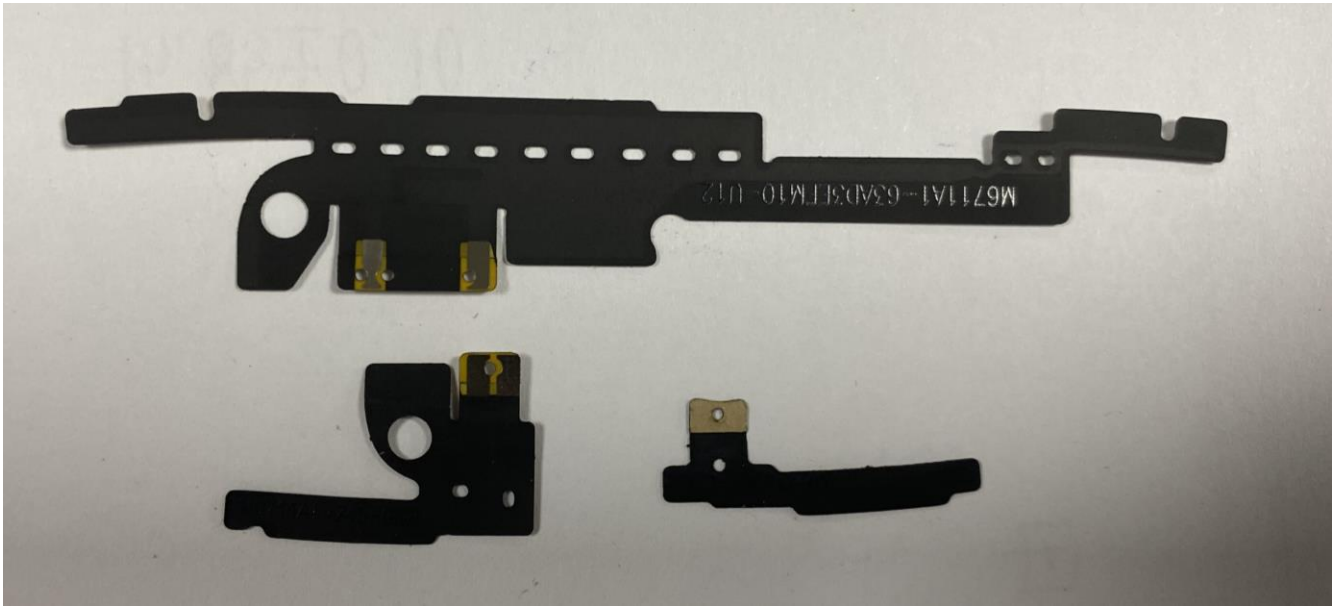
天宇通科技
TYT TECHNOLOGY

SHENZHEN TYT COMMUNICATION CO.,LTD.
5th Floor, Building B, No.137 Gushu Road, Xixiang
Town, Baoan District,Shenzhen,China

M6711-4G 天线

客户	博派智能	频带范围	GSM: 850/900/1800/1900 WCDMA: 850/1700/1900 LTE: B2/4/5/12/13/17/25/26/66/71 WIFI/GPS/BT
项目名称	M6711	RD 设计人	岑国平
RF 设计人	李新	审核	
批准		日期	2025-0327
客户签名:			

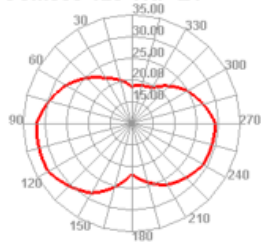
承认书目录



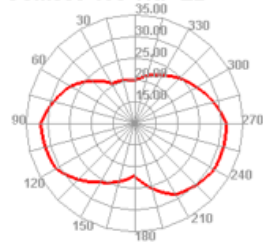
2D 方向图

No.		我司料号	部品名称	描述	数量
1		TYT4579-4G-FPC-GSM-A	GSM 天线	FPC	1
2		TYT4579-4G-FPC-GWB-A	WIFI/BT 天线	FPC	1
3		TYT4579-4G-FPC-LTE-A	GPS 天线	FPC	1
Page 2		Version: 1.0	Issue Date: 2025-4-27		

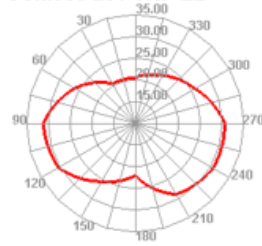
GSM850 128 TRP E1



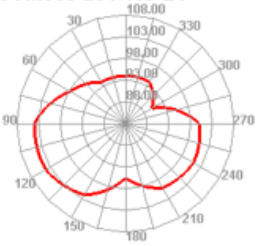
GSM850 190 TRP E2



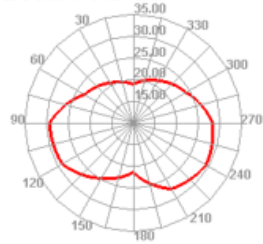
GSM850 251 TRP E2



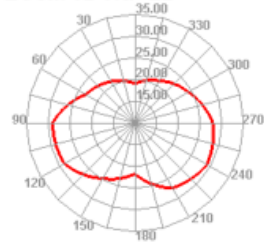
GSM850 251 TIS E1



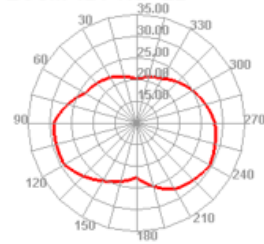
EGSM 1 TRP E2



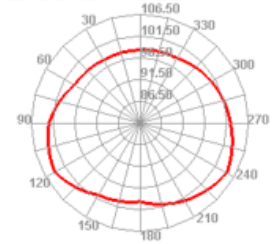
EGSM 62 TRP E2



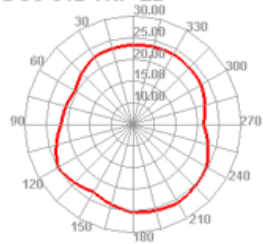
EGSM 124 TRP E2



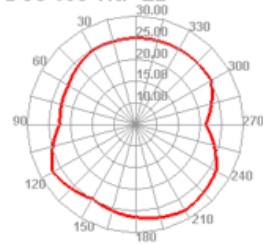
EGSM 124 TIS E2



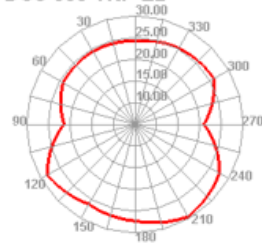
DCS 512 TRP E2



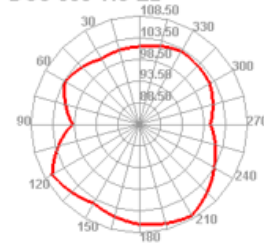
DCS 695 TRP E2



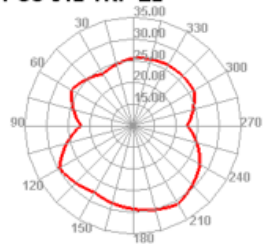
DCS 885 TRP E2



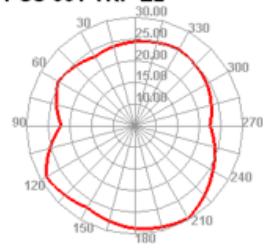
DCS 885 TIS E2



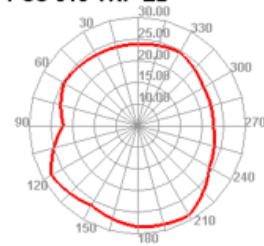
PCS 512 TRP E2



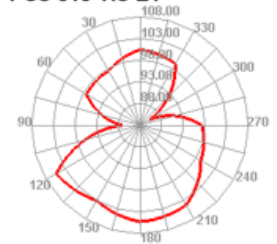
PCS 661 TRP E2

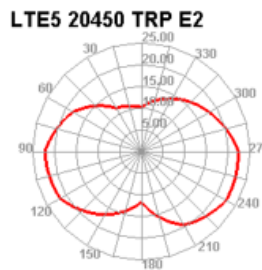
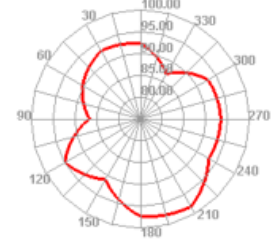
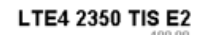
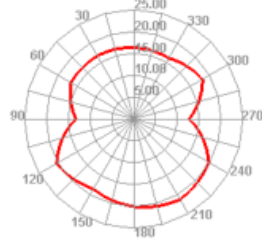
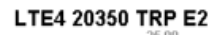
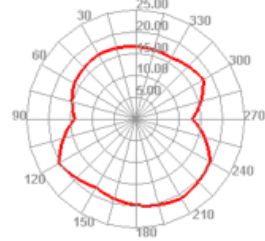
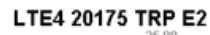
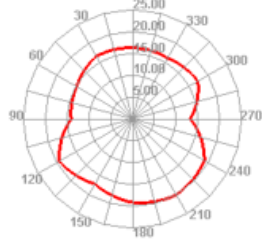
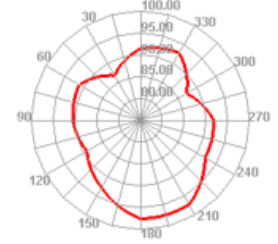
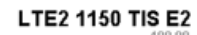
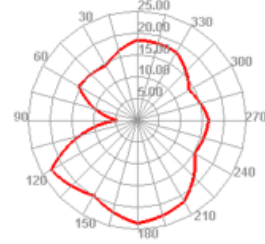
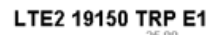
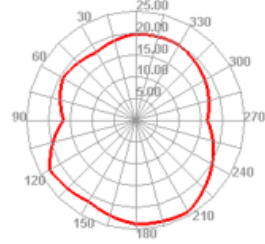
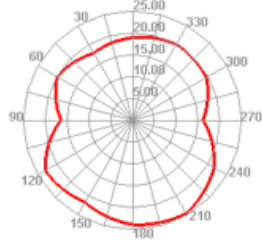
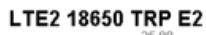


PCS 810 TRP E2

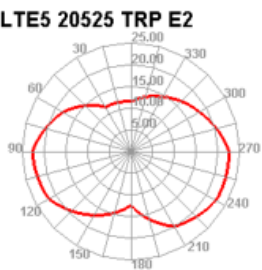


PCS 810 TIS E1

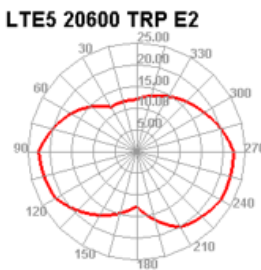




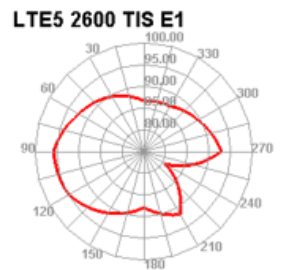
LTE5 20450 TRP E2



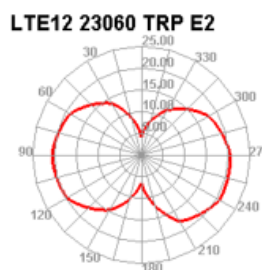
LTE5 20525 TRP E2



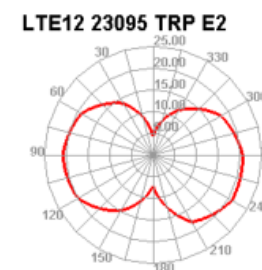
LTE5 20600 TRP E2



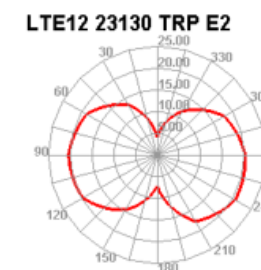
LTE5 2600 TIS E1



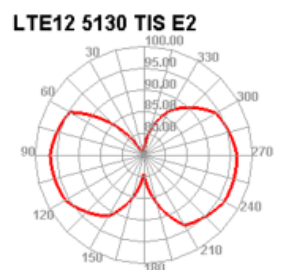
LTE12 23060 TRP E2



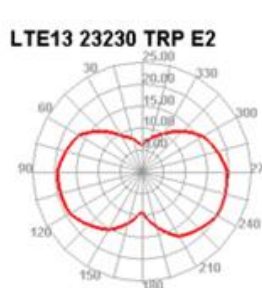
LTE12 23095 TRP E2



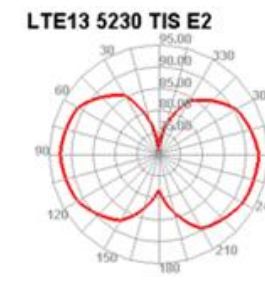
LTE12 23130 TRP E2



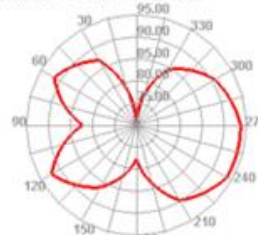
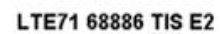
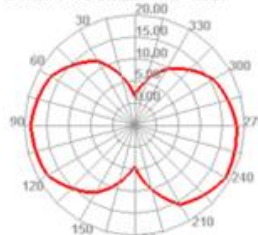
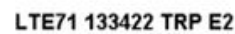
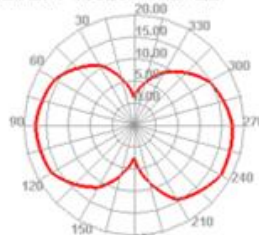
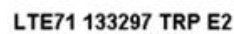
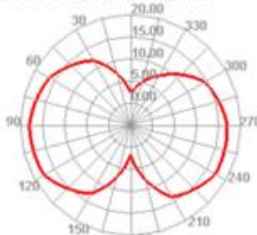
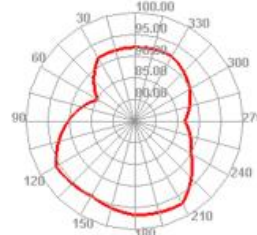
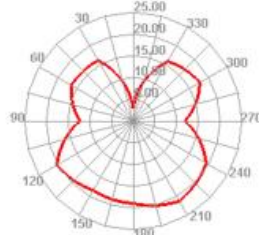
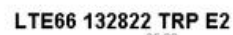
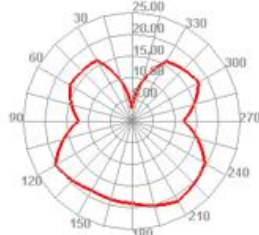
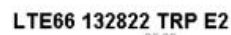
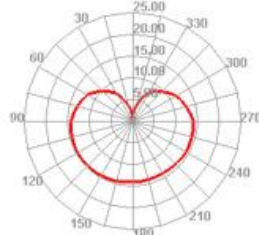
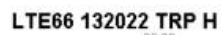
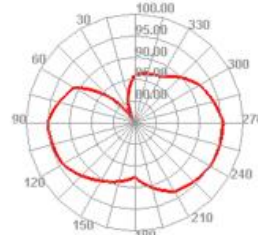
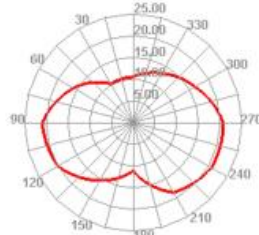
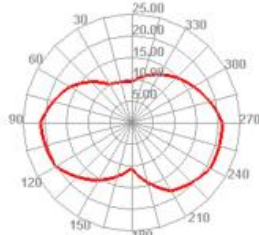
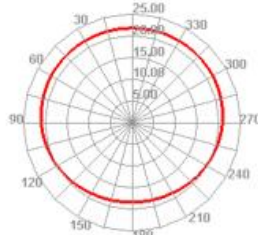
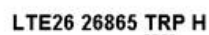
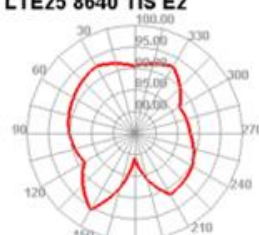
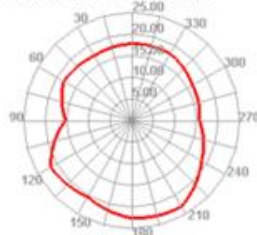
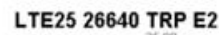
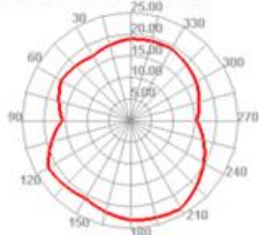
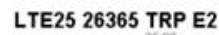
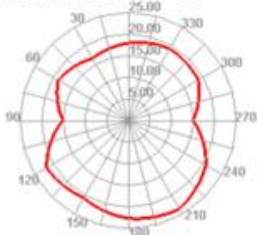
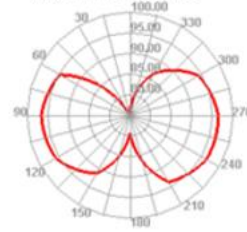
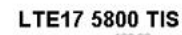
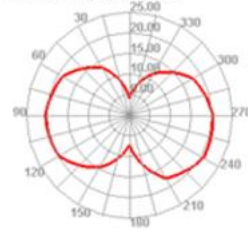
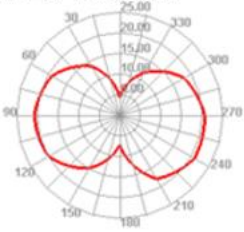
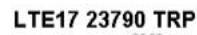
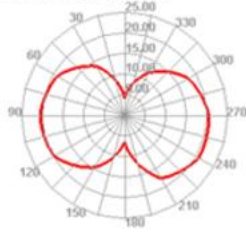
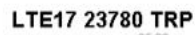
LTE12 5130 TIS E2



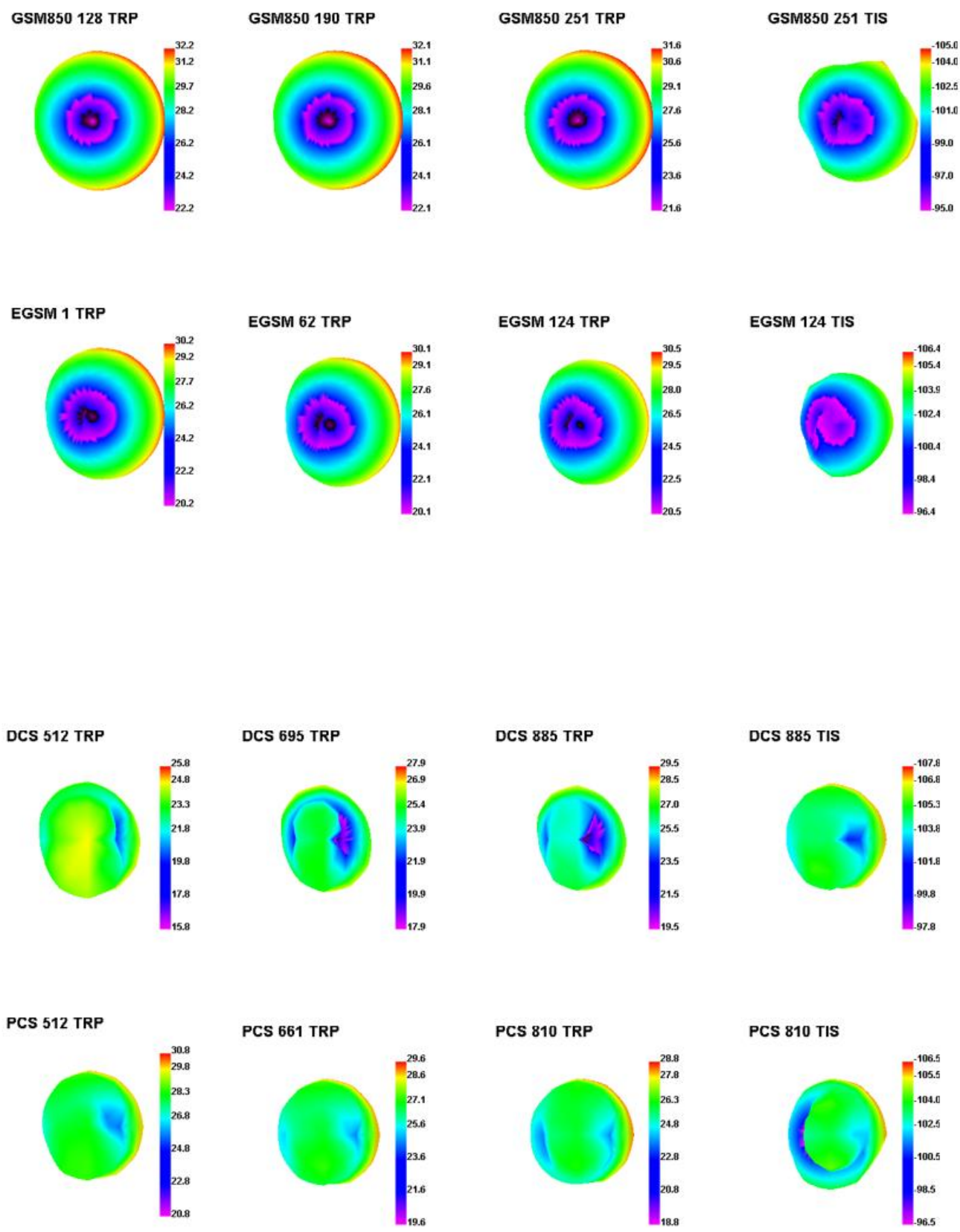
LTE13 23230 TRP E2



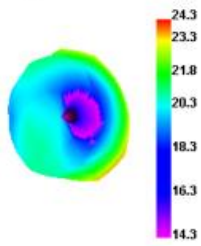
LTE13 5230 TIS E2



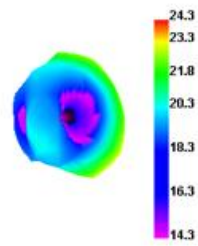
3D 方向图



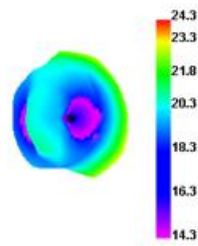
WCDMA_II 9262 TRP



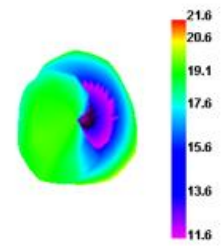
WCDMA_II 9400 TRP



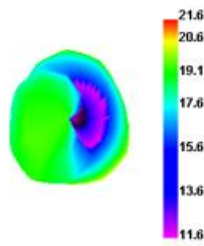
WCDMA_II 9538 TRP



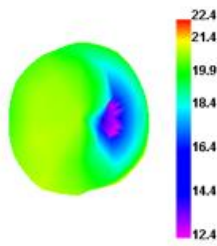
WCDMA_IV 1312 TRP



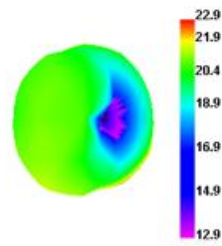
WCDMA_IV 1312 TRP



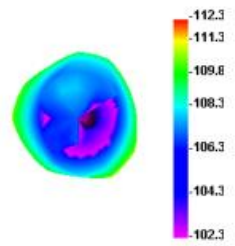
WCDMA_IV 1413 TRP



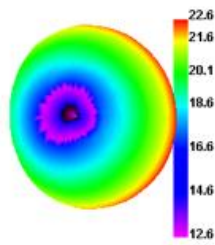
WCDMA_IV 1513 TRP



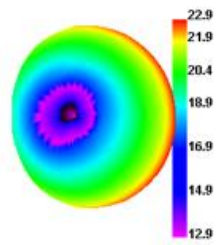
WCDMA_IV 1738 TIS



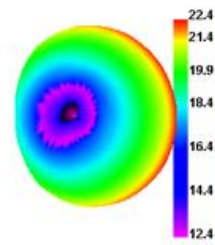
WCDMA_V 4132 TRP



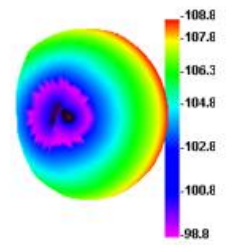
WCDMA_V 4185 TRP



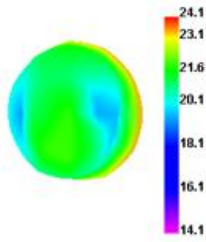
WCDMA_V 4233 TRP



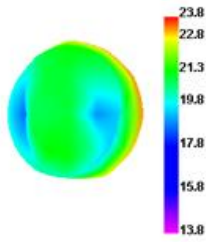
WCDMA_V 4458 TIS



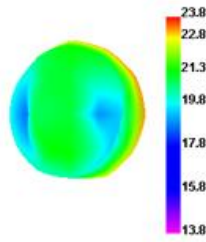
LTE2 18900 TRP



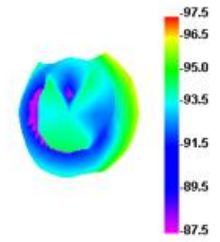
LTE2 19150 TRP



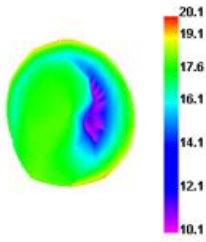
LTE2 19150 TRP



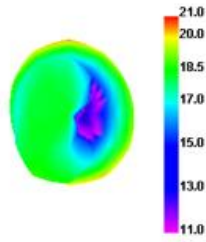
LTE2 1150 TIS



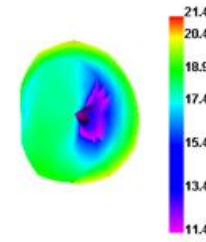
LTE4 20000 TRP



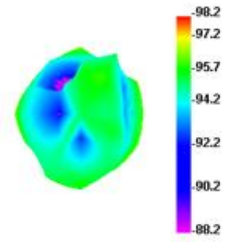
LTE4 20175 TRP



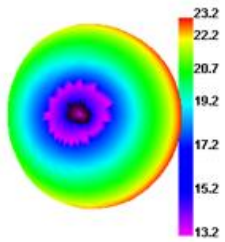
LTE4 20350 TRP



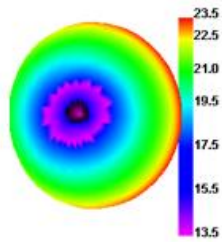
LTE4 2350 TIS



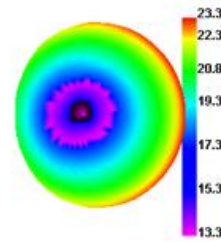
LTE5 20450 TRP



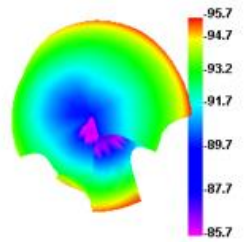
LTE5 20525 TRP



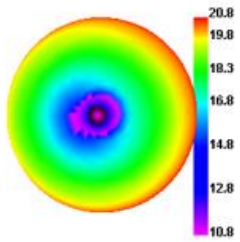
LTE5 20600 TRP



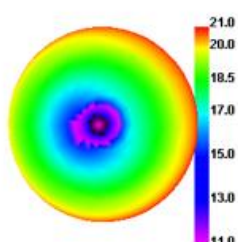
LTE5 2600 TIS



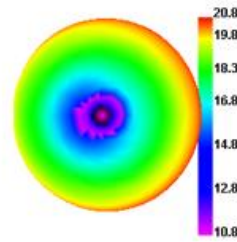
LTE12 23060 TRP



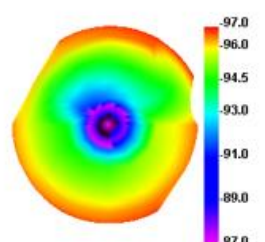
LTE12 23095 TRP



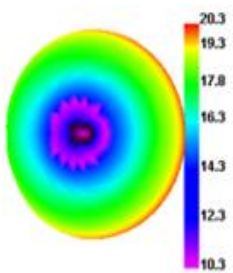
LTE12 23130 TRP



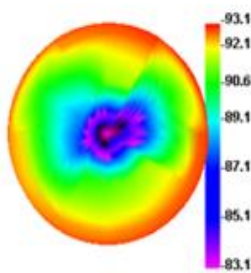
LTE12 5130 TIS



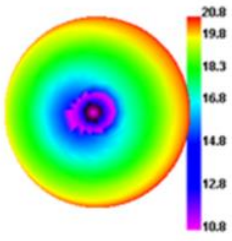
LTE13 23230 TRP



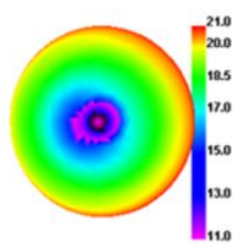
LTE13 5230 TIS



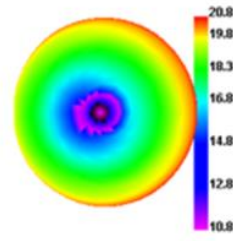
LTE17 23780 TRP



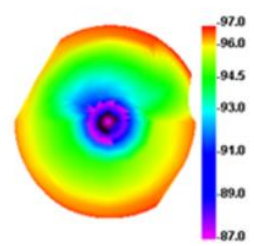
LTE17 23790 TRP



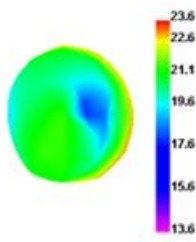
LTE17 23800 TRP



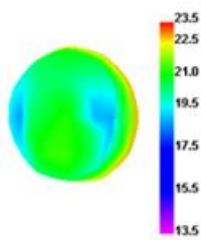
LTE17 5800 TIS



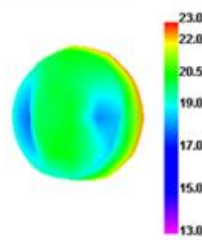
LTE25 26090 TRP



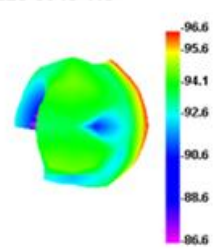
LTE25 26365 TRP



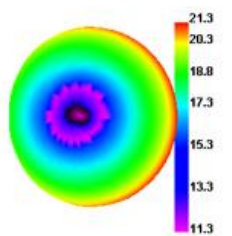
LTE25 26640 TRP



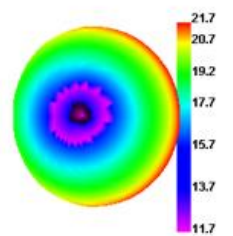
LTE25 8640 TIS



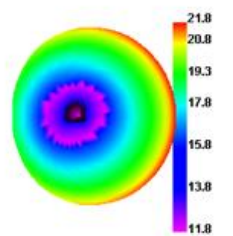
LTE26 26740 TRP



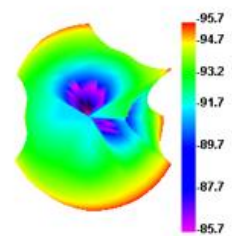
LTE26 26865 TRP



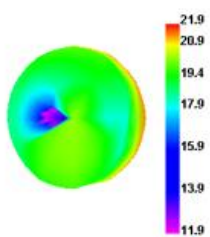
LTE26 26990 TRP



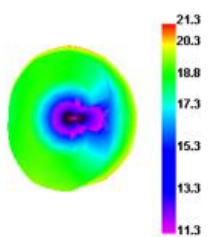
LTE26 8990 TIS



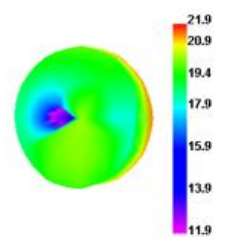
LTE66 132022 TRP



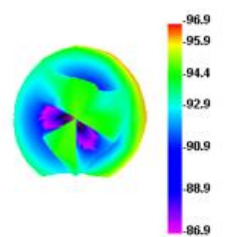
LTE66 132822 TRP



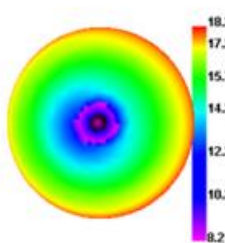
LTE66 132022 TRP



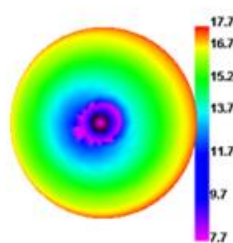
LTE66 66486 TIS



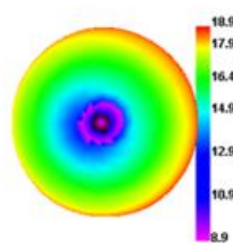
LTE71 133172 TRP



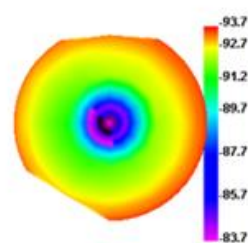
LTE71 133297 TRP



LTE71 133422 TRP



LTE71 68886 TIS



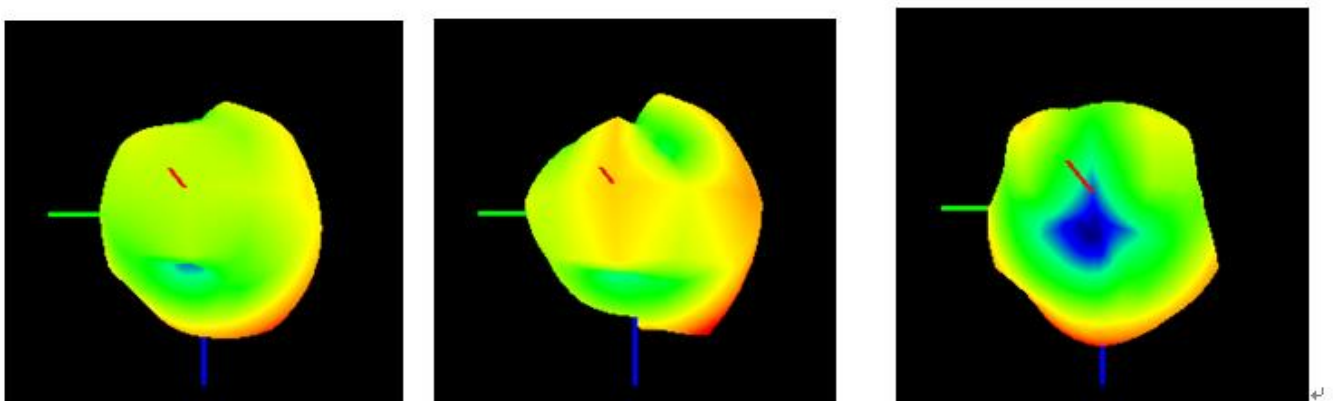
Main antenna gain

	GSM850	EGSM900	DCS1800	PCS1900	WCDMA2	WCDMA4	WCDM5
AVG Gain(dbi)	0.3	0.2	0.8	0.9	0.9	0.8	0.3
4G	B2	B4	B5	B12	B13	B17	
AVG Gain(dbi)	0.9	0.8	0.3	-0.1	-0.1	-0.1	
4G	B25	B26	B66	B71			
AVG Gain(dbi)	0.9	0.3	0.8	-0.3			

antenna gain 2.4G WIFI TB

Passive Test For WIFI2.4										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	32.31	-4.65	0.91	-1.34	15.415	18.89	0.81	-19.85	52.57	52.52
2410	32.16	-4.54	0.76	-1.39	14.929	20.234	0.76	-19.06	52.61	52.56
2420	32.13	-5.08	0.78	-1.85	12.193	18.832	0.3	-16.99	52.49	52.49
2430	33.49	-4.75	1.11	-1.04	12.234	21.258	1.11	-19.47	52.55	52.52
2440	33.25	-4.53	1.59	-0.56	12.305	22.941	1.59	-20.3	52.69	52.57
2450	33.57	-4.74	1.39	-0.76	11.846	21.727	1.39	-20.47	52.92	52.78
2460	33.51	-4.75	1.28	-0.87	12.482	21.039	1.28	-23.49	52.79	52.62
2470	30.11	-5.24	0.58	-1.57	11.921	18.024	0.58	-26.3	52.83	52.65
2480	34.69	-4.6	0.92	-1.23	14.699	19.988	0.92	-23.39	52.81	52.65
2490	35.98	-4.44	1.17	-0.98	15.883	20.098	1.17	-21.58	53	52.81

2.4GHz 苹果图



5, Antenna structure design drawings

