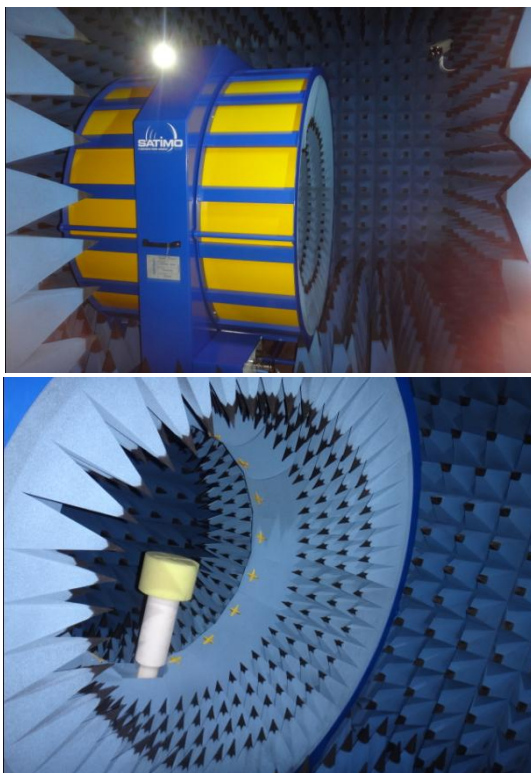


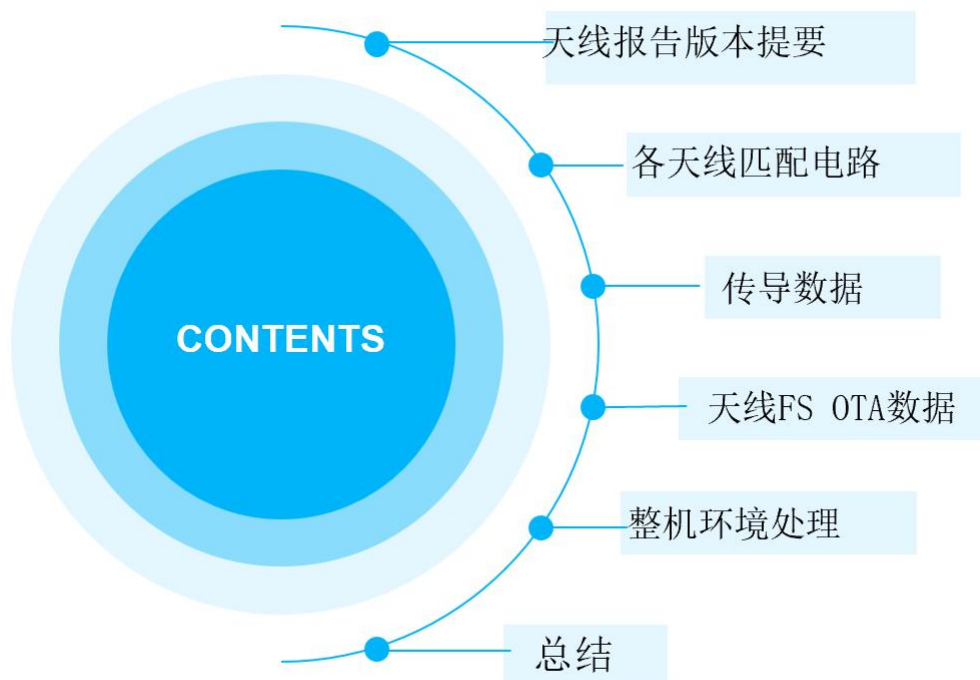
Antenna Specification



客户名称	诚丰	项目名称	P0679M
调试频段	GSM900/1800, W1/5/8, LTE:1/3/5/8/40/41	结构方式	FPC
射频工程师	谢志雄	结构工程师	杜强
天线类型	Loop	日期	2024-11-11



原装进口法国 SATIMO 公司 StarLab 3D 实验室, 能精确快速的测试手机、平板电脑和笔记本等通信终端产品的 TRP、TIS、效率、增益、苹果图、方向图等参数数据。

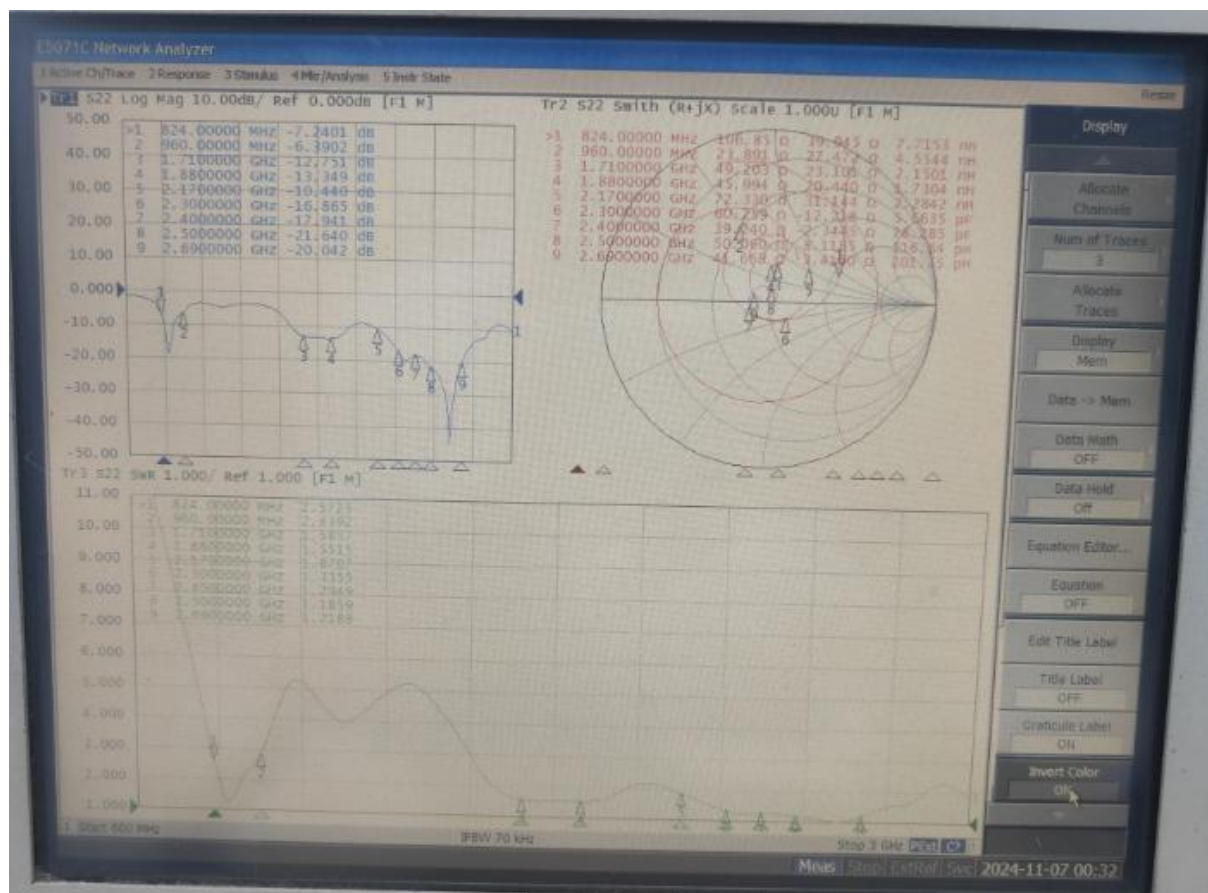


Free Space OTA

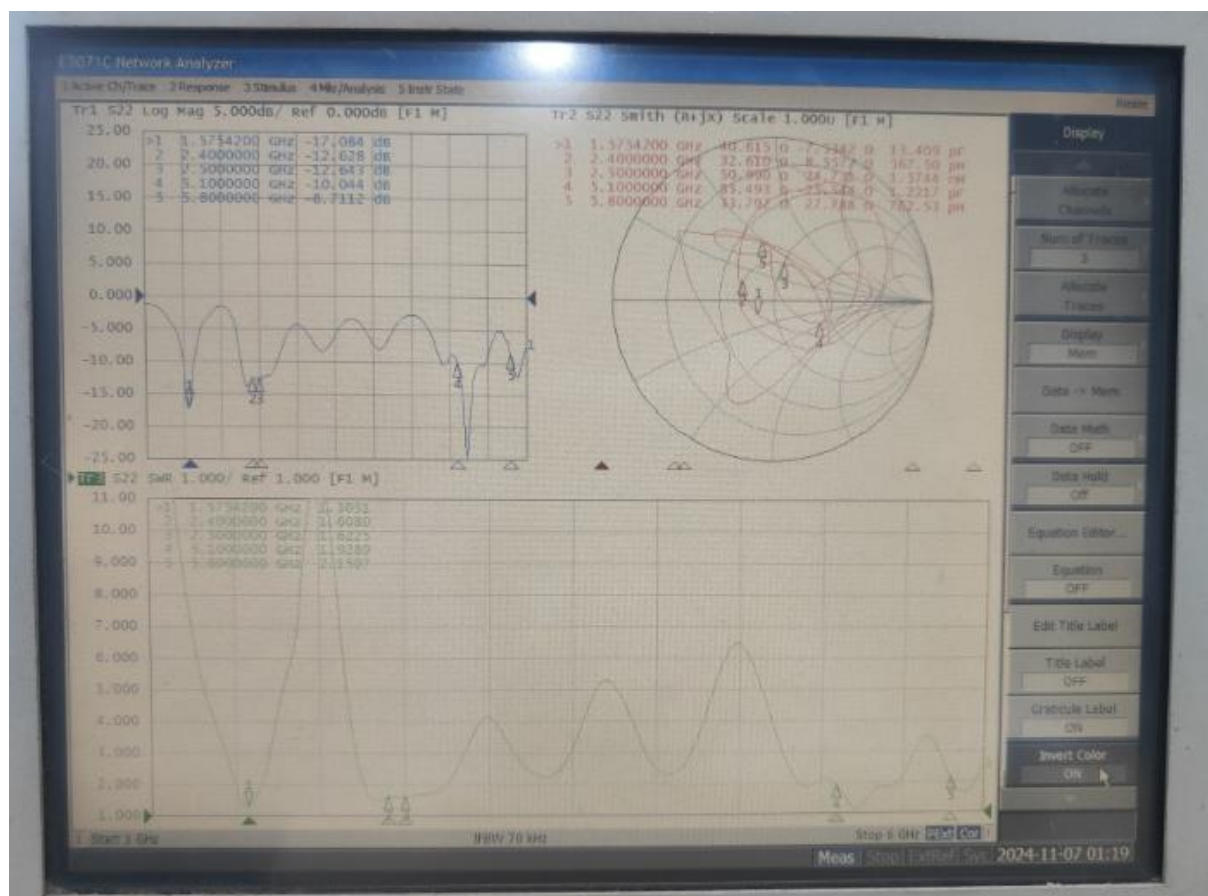
Band	Channel	TRP (dBm)	TIS (dBm)	Band	Channel	TRP (dBm)	TIS (dBm)
GSM900	L	25.5		DCS1800	L	25.2	
	M	26.0			M	25.5	
	H	26.2	-101.5		H	25.6	-103.5
W850	L	17.1		W900	L	17.5	
	M	16.8			M	17.2	
	H	16.7	-104.5		H	17.0	-104.1
W2100	L	17.0		LTE-B1 (10MHZ)	L	17.4	
	M	17.2			M	17.2	
	H	17.3	-104.5		H	17.0	-92.1
LTE-B3 (10MHZ)	L	17.5		LTE-B5 (10MHZ)	L	17.2	
	M	17.2			M	17.0	
	H	17.0	-92.7		H	16.8	-92.5
LTE-B8 (10MHZ)	L	17.5		LTE-B40 (20MHZ)	L	17.4	
	M	17.2			M	17.1	
	H	16.7	-92.3		H	17.0	-91.0
LTE-B41 (20MHZ)	L	17.6					
	M	17.5					
	H	17.2	-90.2				

S11 参数

主天线



三合一天线

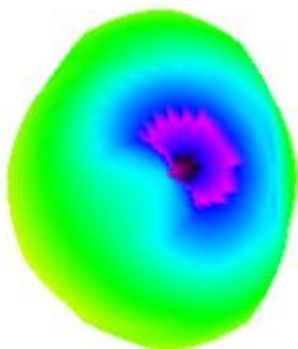


Antenna Gain

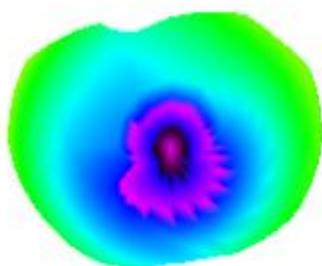
Standard	Band	Frequency (MHZ)	Gain (dbi)
LTE	FDD-B1	1940	-0.3
LTE	FDD-B3	1740	2.2
LTE	FDD-B5	870	-5.1
LTE	FDD-B8	880	-5.1
LTE	TDD-B40	2300	-0.7
LTE	TDD-B41	2640	0.8
WCDMA	WCDMA-B1	1940	-0.3
WCDMA	WCDMA-B5	870	-5.1
WCDMA	WCDMA-B8	880	-5.1
GSM	GSM 900	880	-5.1
GSM	DCS 1800	1740	2.2
GPS		1575	-0.3
2.4G WiFi/BT		2480	-1.2
5G WiFi	Band1	5200	-2.5
5G WiFi	Band2	5300	-0.8
5G WiFi	Band4	5800	-3.4

苹果图

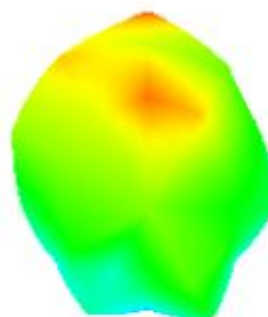
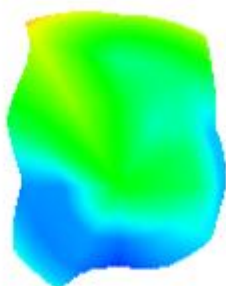
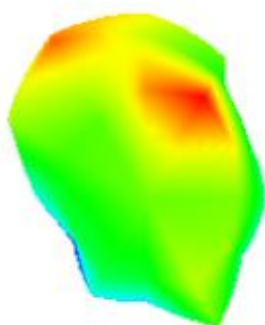
GPS



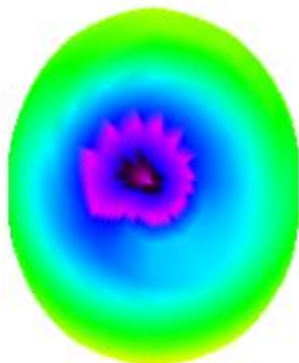
2.4GWIFI/BT



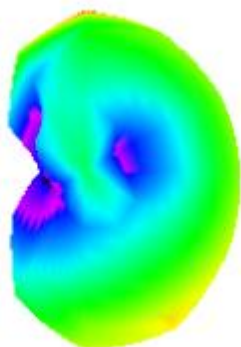
5G WIFI



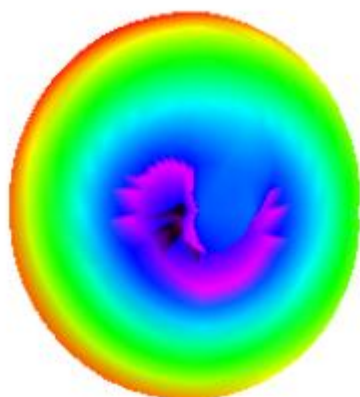
GSM900/W900/LTE-b8



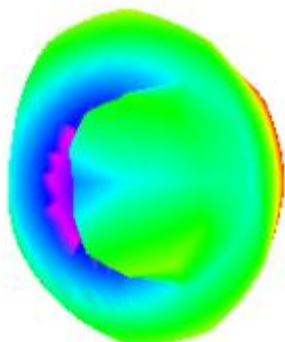
DCS1800/LTE-B3



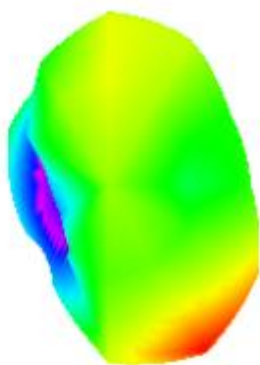
W850/LTE-B5



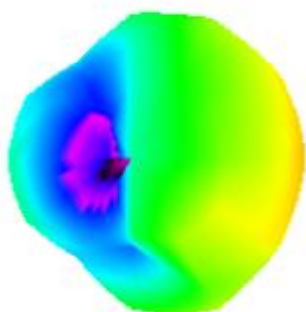
W2100/LTE-B1



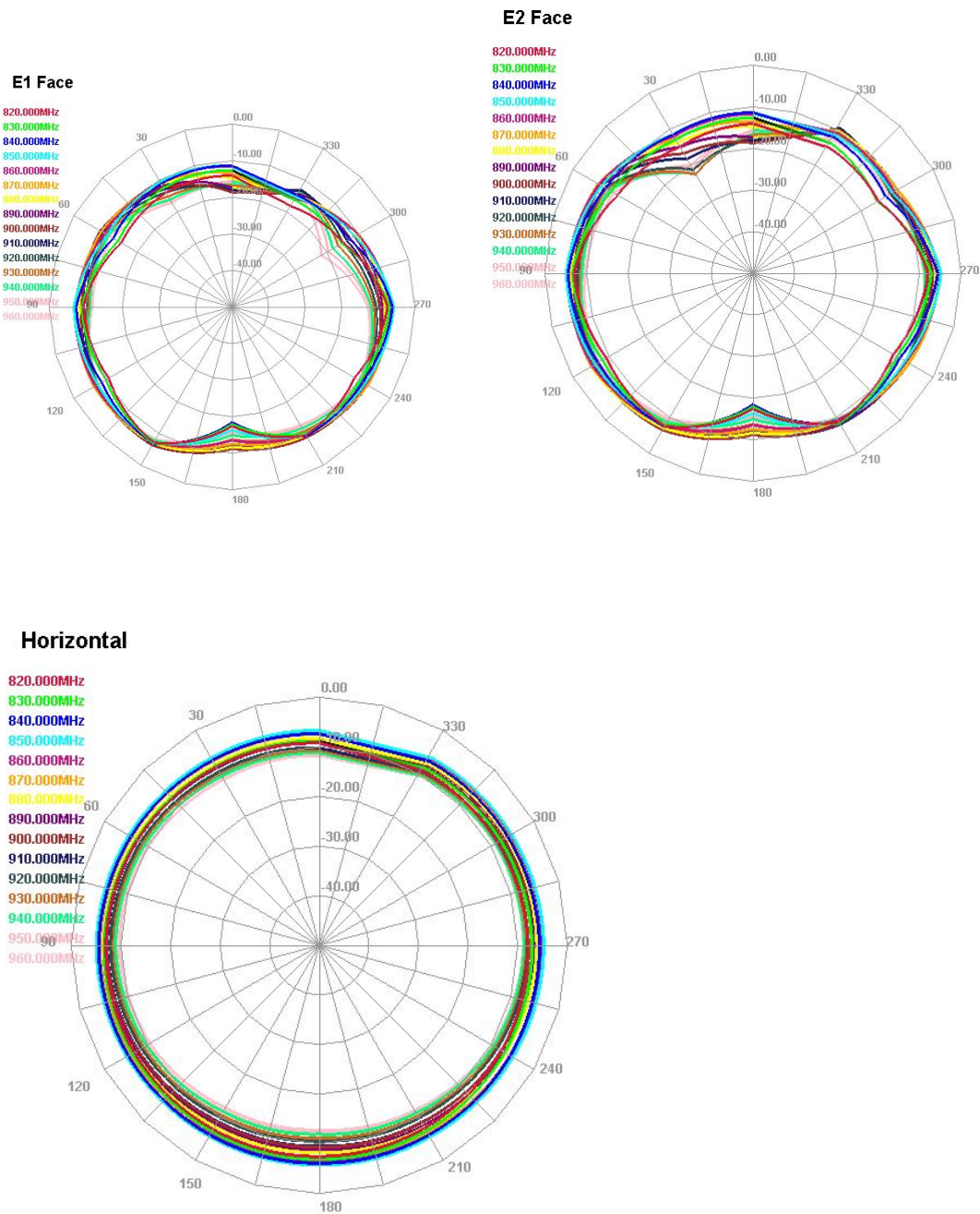
LTE-B40

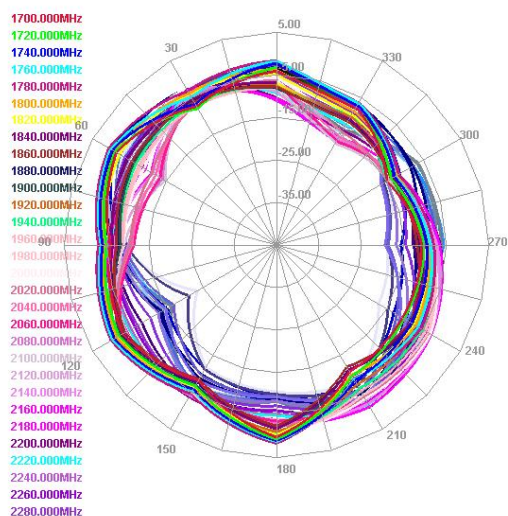
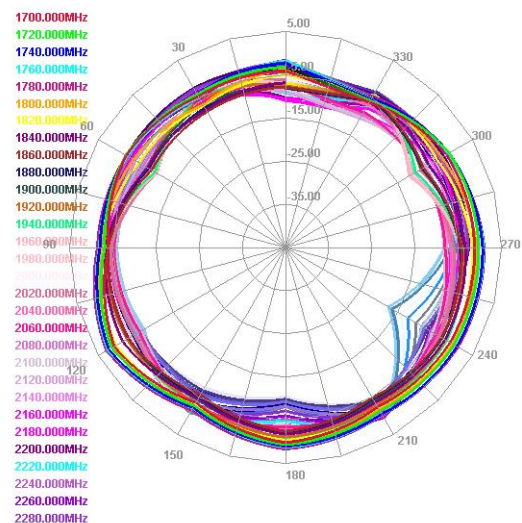
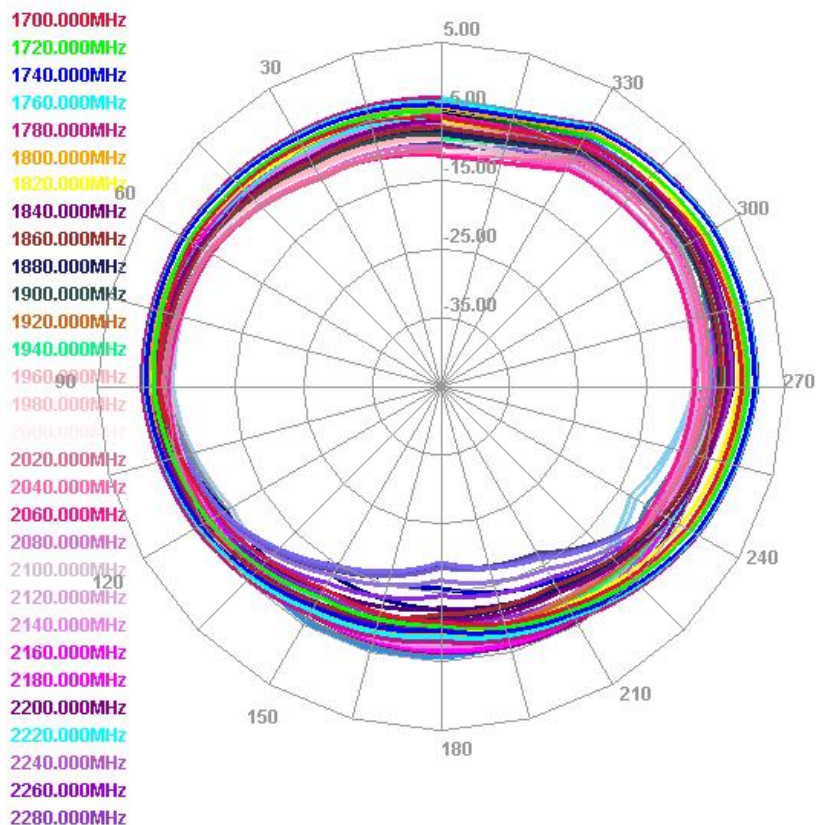


LTE-B41

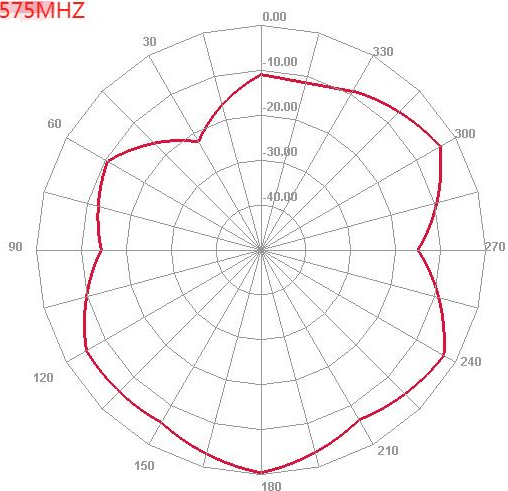
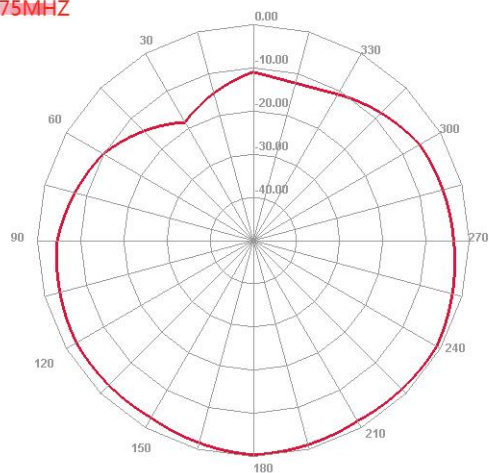
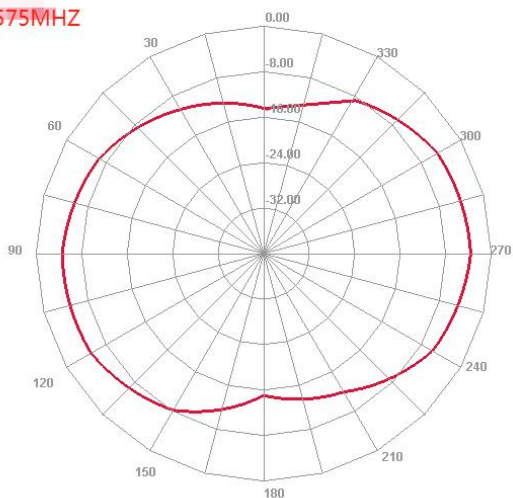


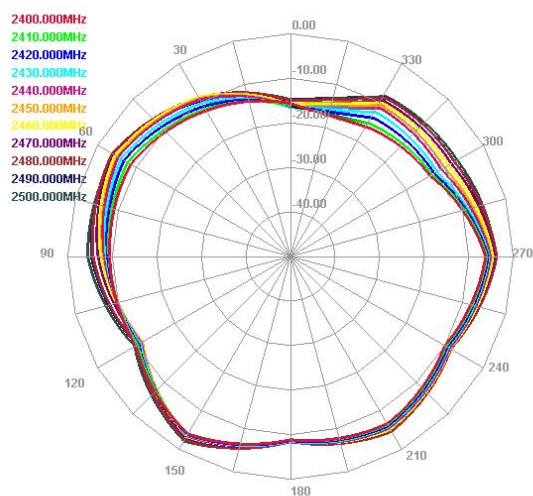
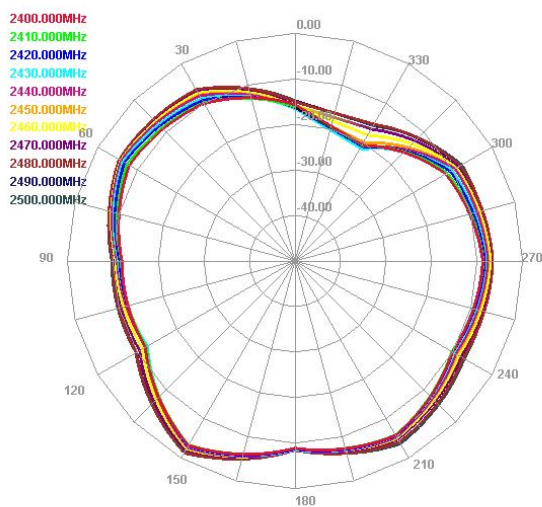
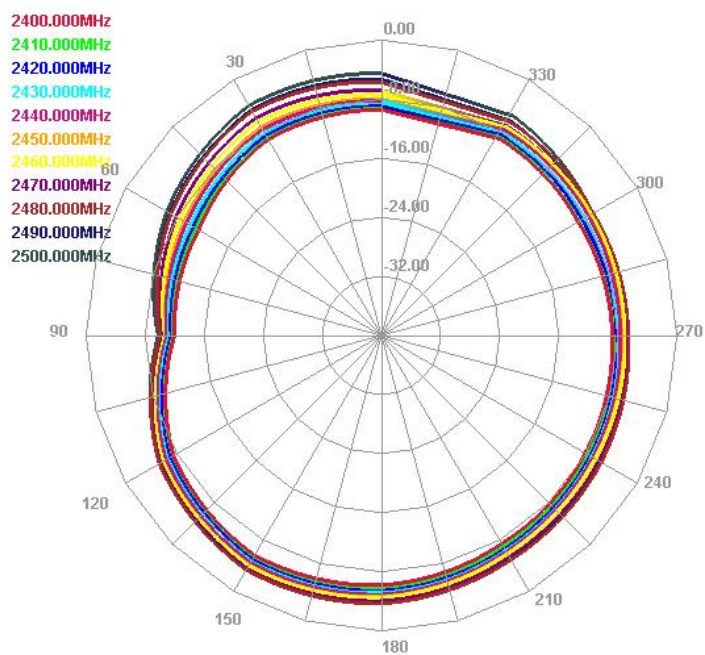
主天线方向图

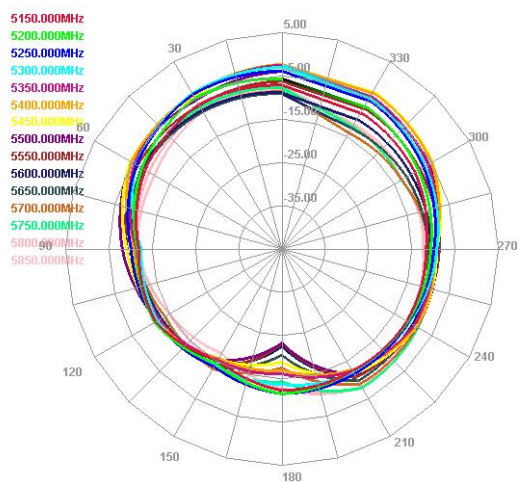
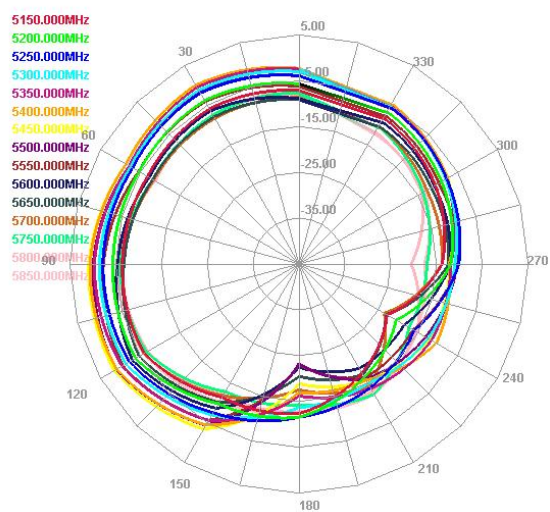


E1 Face

E2 Face

Horizontal


三合一天线方向图

E1 Face
1575MHZ

E2 Face
1575MHZ

Horizontal
1575MHZ


E1 Face

E2 Face

Horizontal


E1 Face

E2 Face

Horizontal
