

天线参数 Antenna Parameter

机 型	W-N70ST/PT880			
频段及天线材质	主天线	频 段frequency		材 质 materials
		GSM	850/1900	FPC
	4G	LTE:2/4/5/7/12/17		
性能要求	其他天线	GWB	1575. 42MHz/2. 4G 按客户要求执行	

天线有源参数

Test	GSM 850			PCS 1900		
Channel	128	190	251	512	661	810
TRP (dBm)	17.82	17.34	16.79	25.23	24.61	24.25
TIS (dBm)			-92.24			-101.37

主天线有源参数

Test	FDD B2			FDD B4		
Channel	18700	18900	19100	20050	20175	20350
TRP (dBm)	16.58	16.37	16.12	16.18	16.20	16.43
TIS (dBm)			-91.30			-91.15

Test	FDD B7			FDD B12		
Channel	20800	21100	21400	23035	23095	23155
TRP (dBm)	16.22	15.34	15.12	4.63	5.41	6.19
TIS (dBm)			-59.16			-81.37

Test	FDD B17					
Channel	23780	23790	23800			
TRP (dBm)	4.73	5.40	5.68			
TIS (dBm)			-81.04			

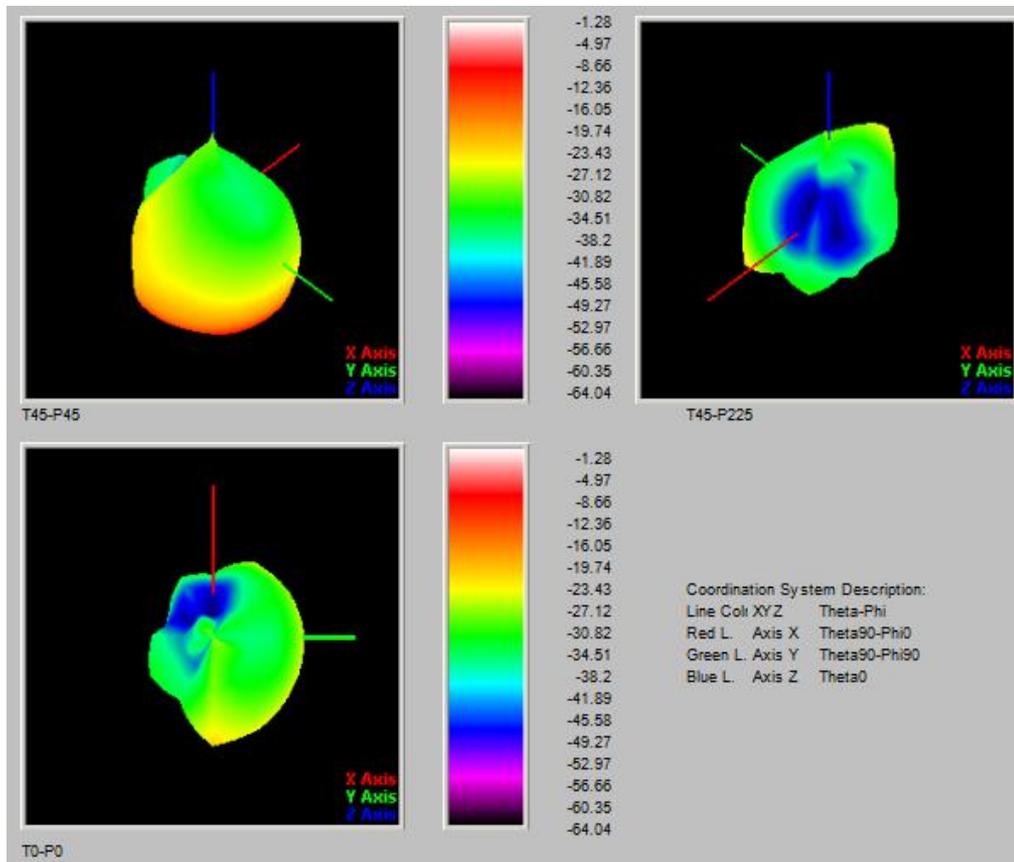
主天线无源效率

Freq (MHz)	Effi (%)	Freq (MHz)	Effi (%)	Freq (MHz)	Effi (%)
700	3.2	1700	28.7	2250	29.8
720	3.8	1750	29.2	2300	30.4
760	4.1	1800	30.2	2350	31.2
800	4.7	1850	31.5	2400	32.3
840	5.2	1900	32.8	2450	33.1
880	4.5	1950	33.4	2500	34.5
		2000	32.6	2550	33.2
		2050	34.2	2600	32.9
		2100	32.5	2650	30.1
		2150	31.2		
		2200	31.4		

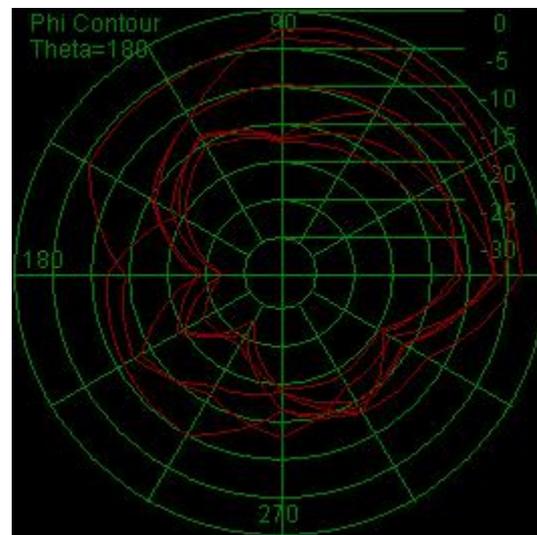
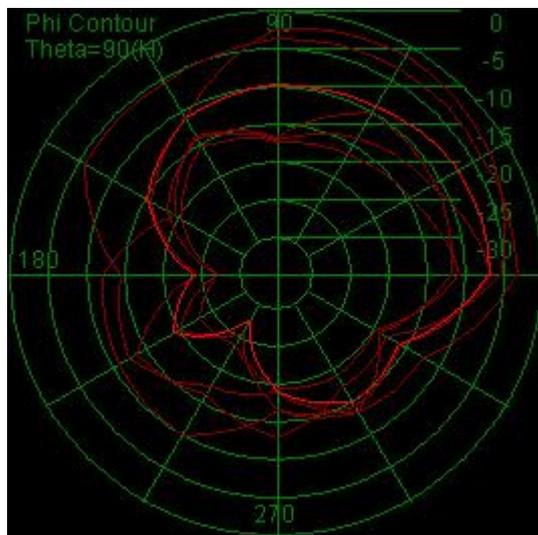
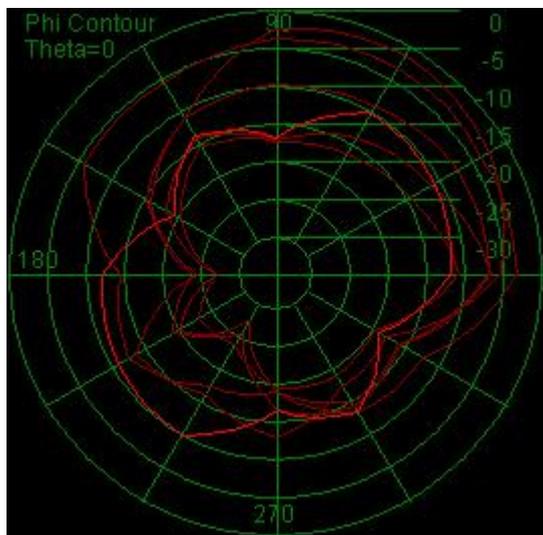
BT/WIFI无源效率

Freq (MHz)	Effi (%)
2400	31.2
2420	32.6
2440	34.2
2450	35.3
2460	33.8
2480	32.5
2500	30.7

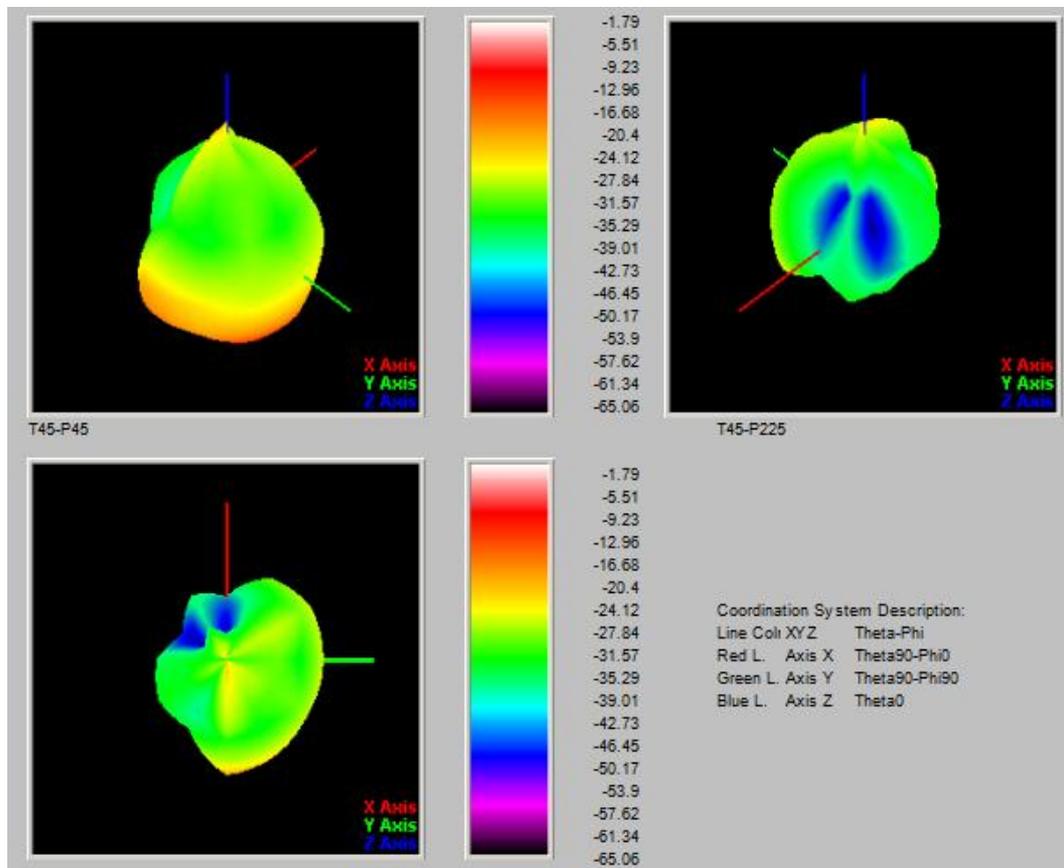
天线无源方向图——700MHz



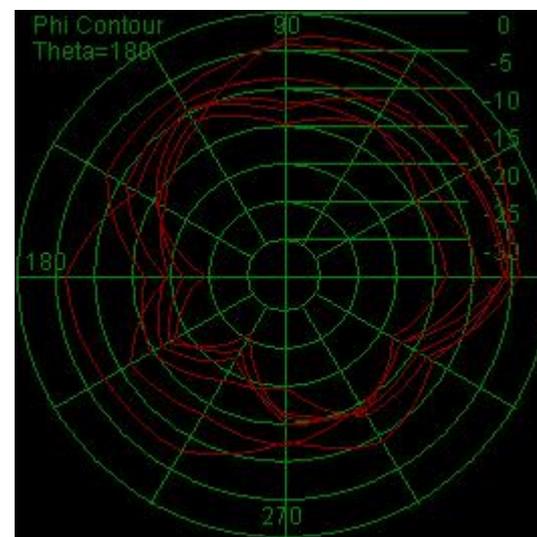
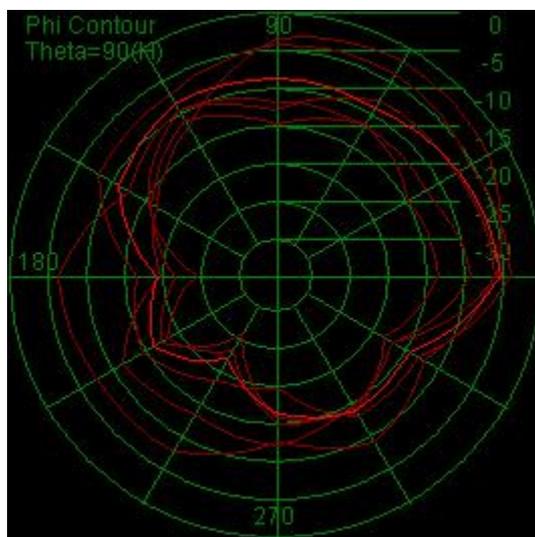
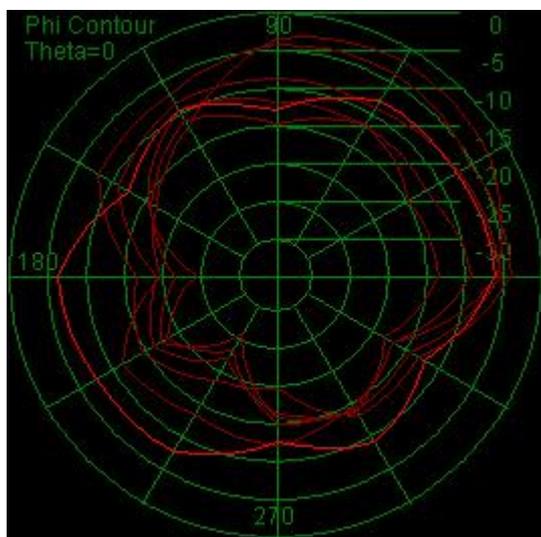
天线无源平面图——700MHz



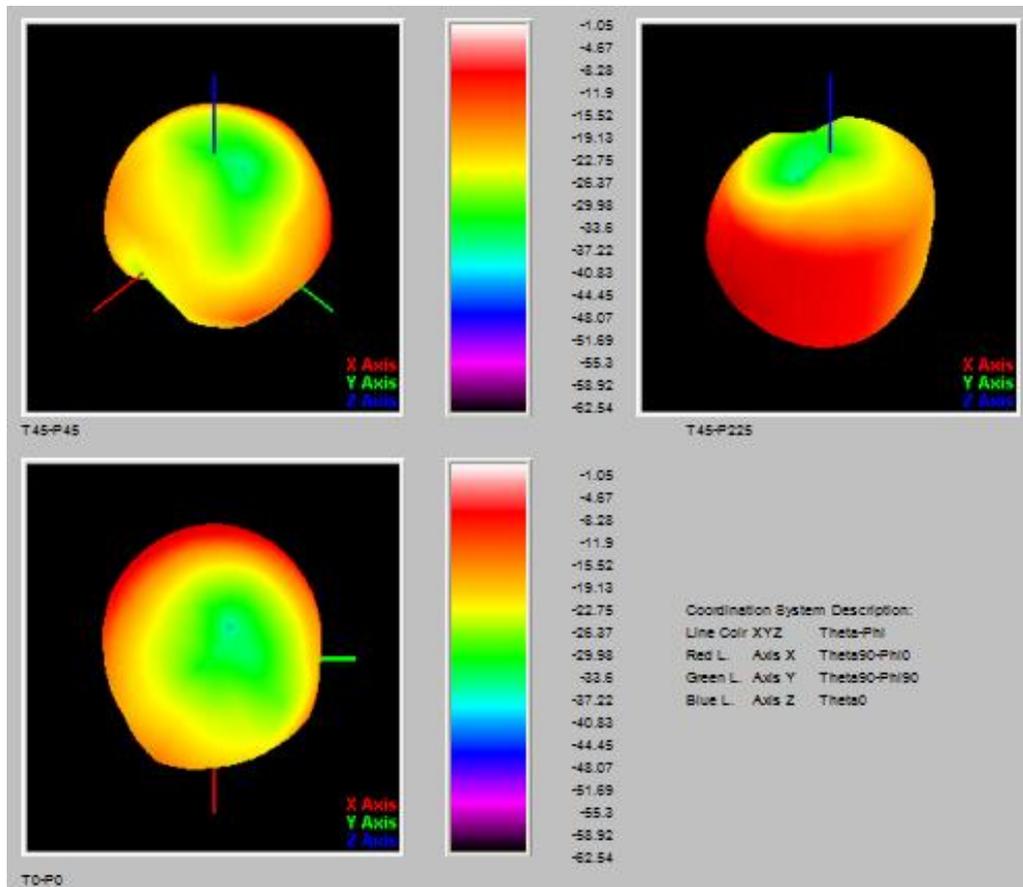
天线无源方向图——800MHz



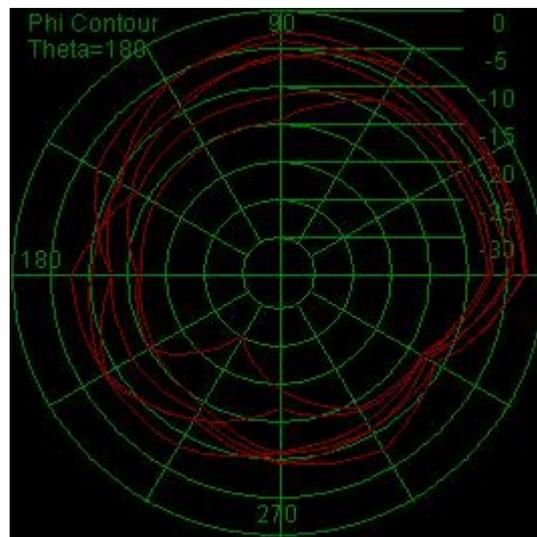
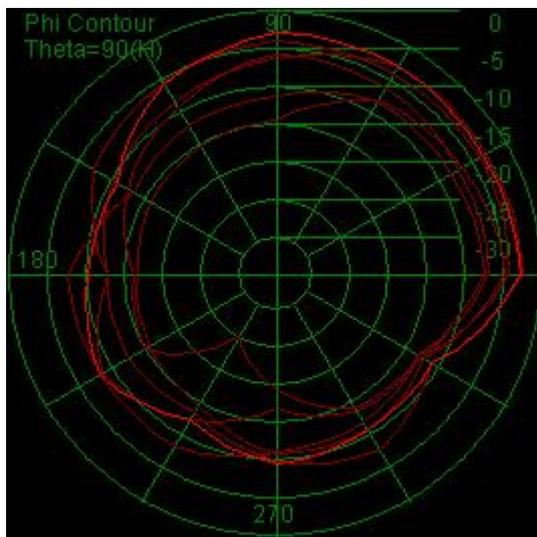
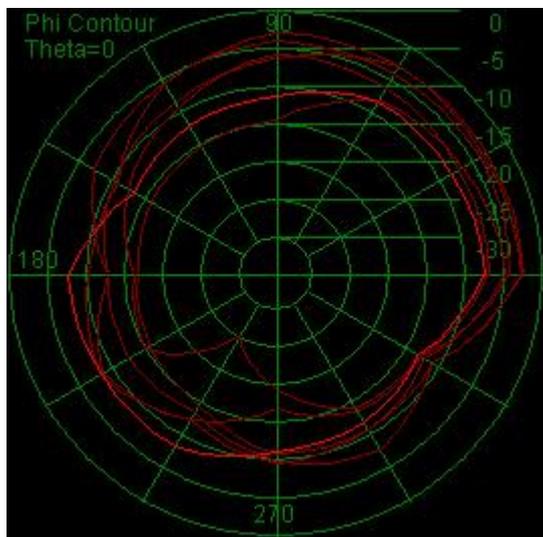
天线无源平面图——800MHz



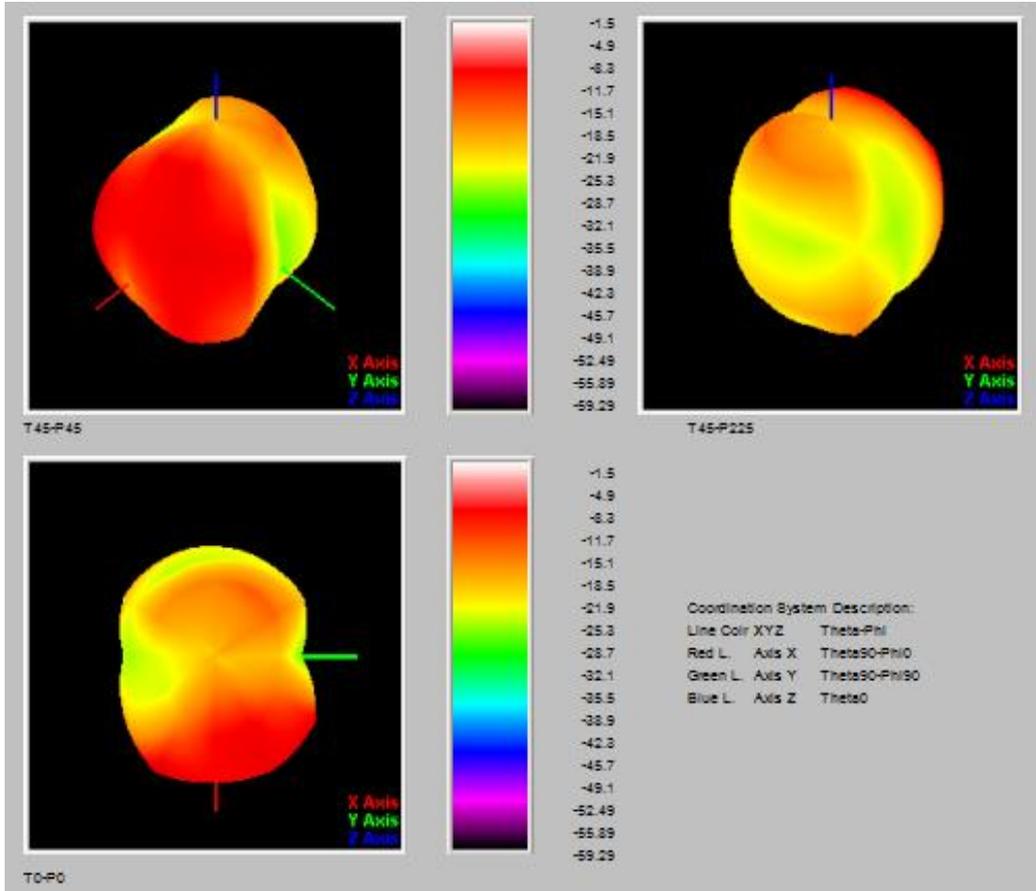
天线无源方向图——1700MHz



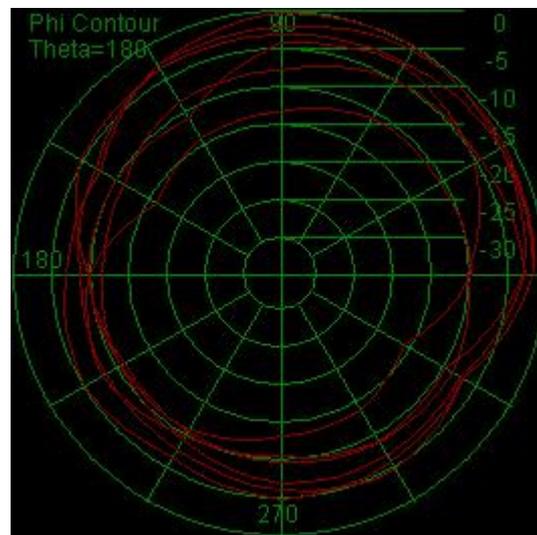
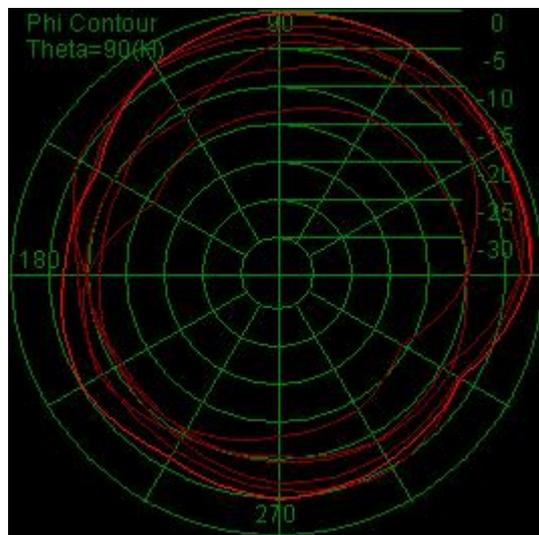
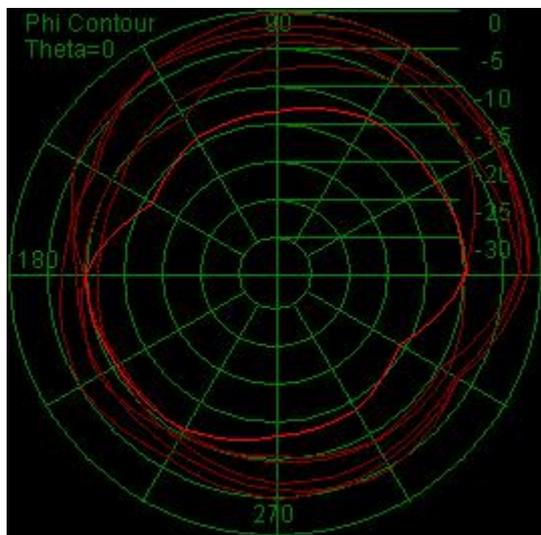
天线无源平面图——1700MHz



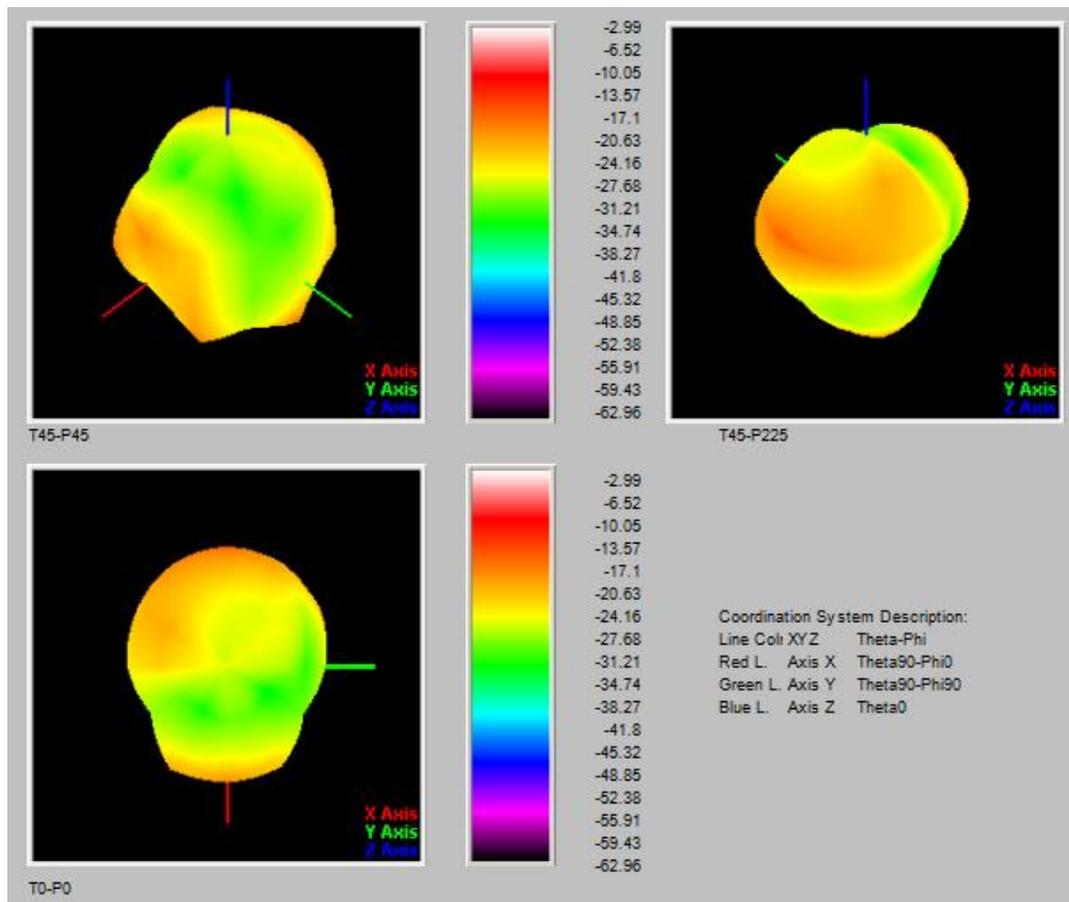
天线无源方向图——1900MHz



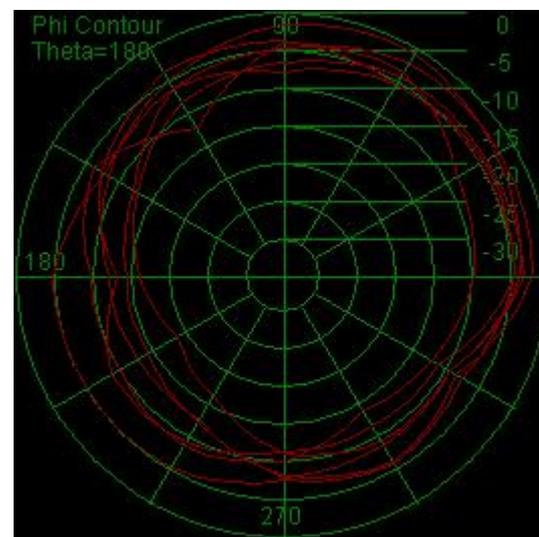
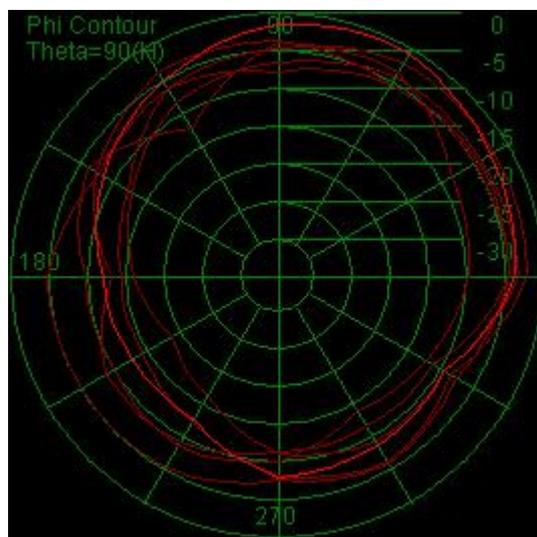
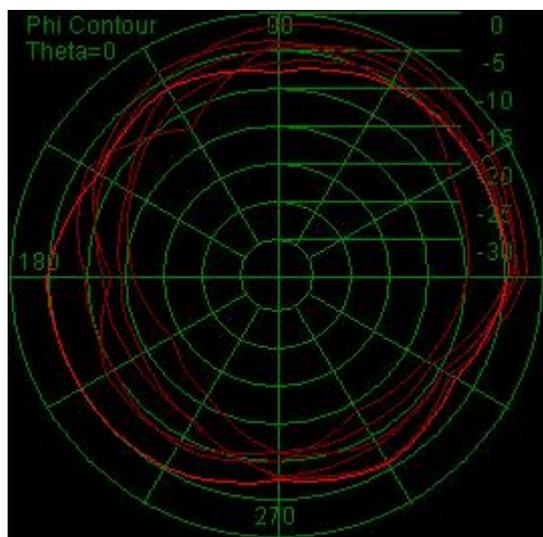
天线无源平面图——1900MHz



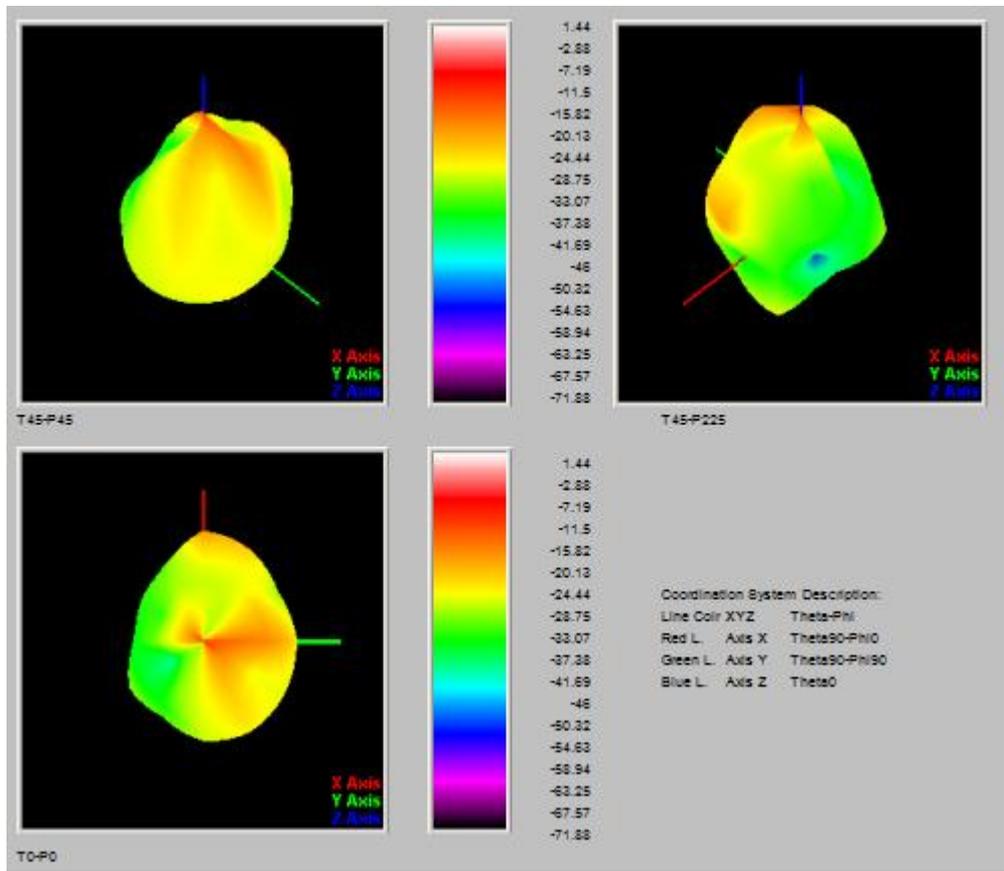
天线无源方向图——2650MHz



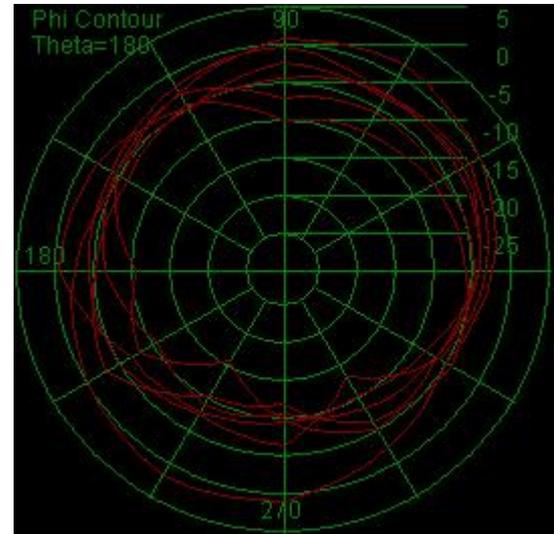
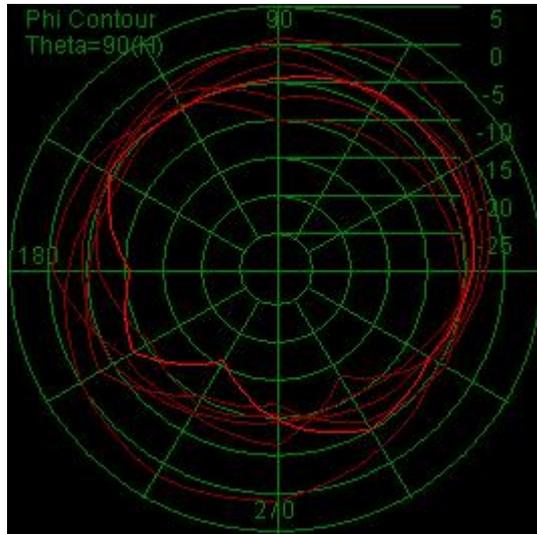
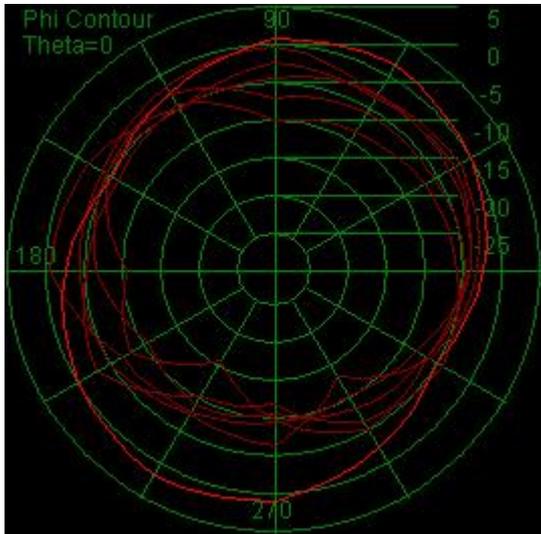
天线无源平面图——2650MHz



天线无源方向图——2400MHz



天线无源平面图——2400MHz



天线增益Antenna gain

Band	Gain (MAX) dBi
GSM 850	0.00
GSM 1900	0.00
LTE B2	0.00
LTE B4	0.00
LTE B5	0.00
LTE B7	0.00
LTE B12	0.00
LTE B17	0.00
BT/WIFI	0.46