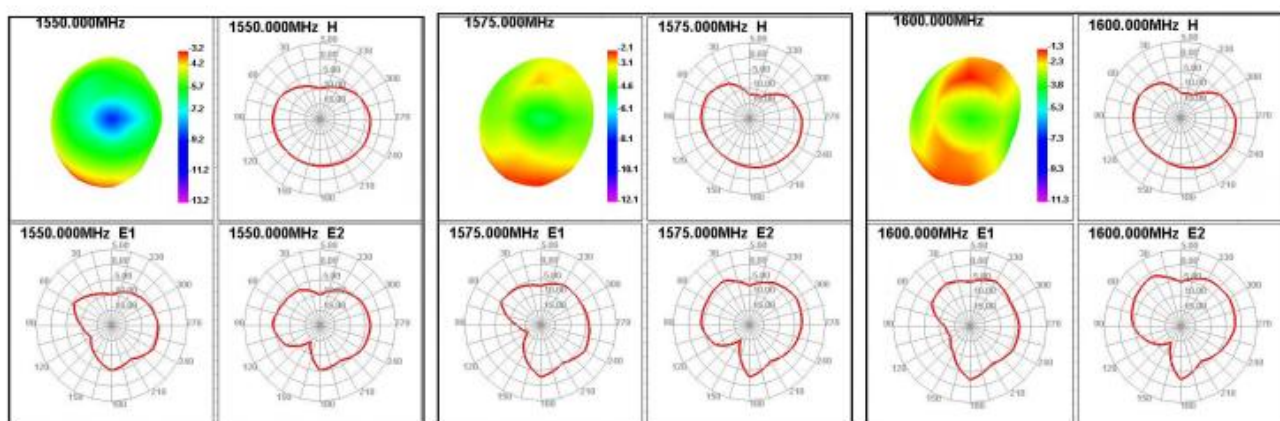


GPS 无源测试数据:

Freq (MHz)	Effi (%)	Gain (dBi)
1550	28.56	-3.24
1555	28.86	-3.19
1560	27.41	-2.73
1565	28.19	-2.61
1570	30.43	-2.25
1575	31.28	-2.11
1580	30.01	-2.23
1585	32.69	-1.79
1590	34.77	-1.43
1595	33.05	-1.52
1600	34.15	-1.27

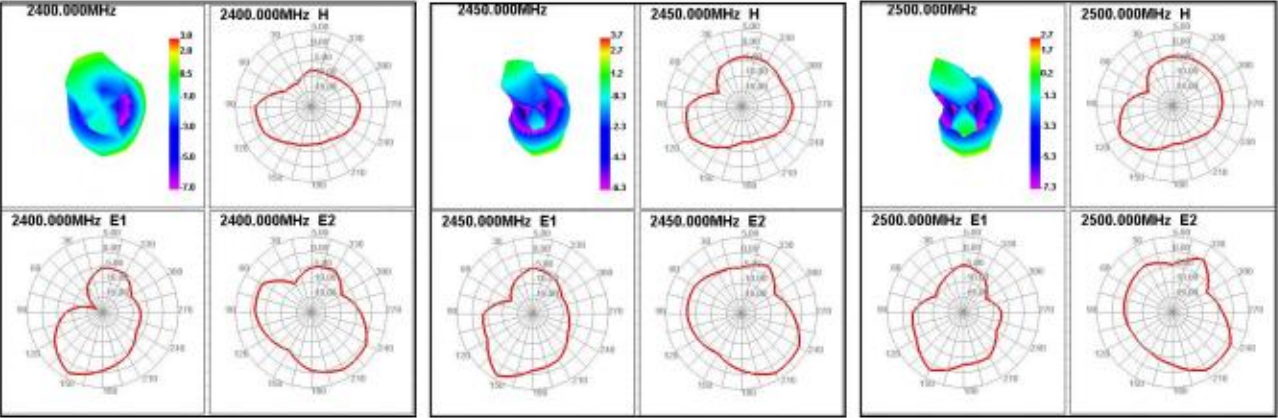
天线苹果图:



蓝牙无源测试数据:

Freq (MHz)	Effi (%)	Gain (dBi)
2400	48.59	3
2410	46.51	3.39
2420	48.34	3.52
2430	48.39	3.45
2440	52.31	3.77
2450	52.53	3.67
2460	53.17	3.64
2470	49.86	3.23
2480	51.78	3.3
2490	48.11	2.76
2500	49.87	2.72

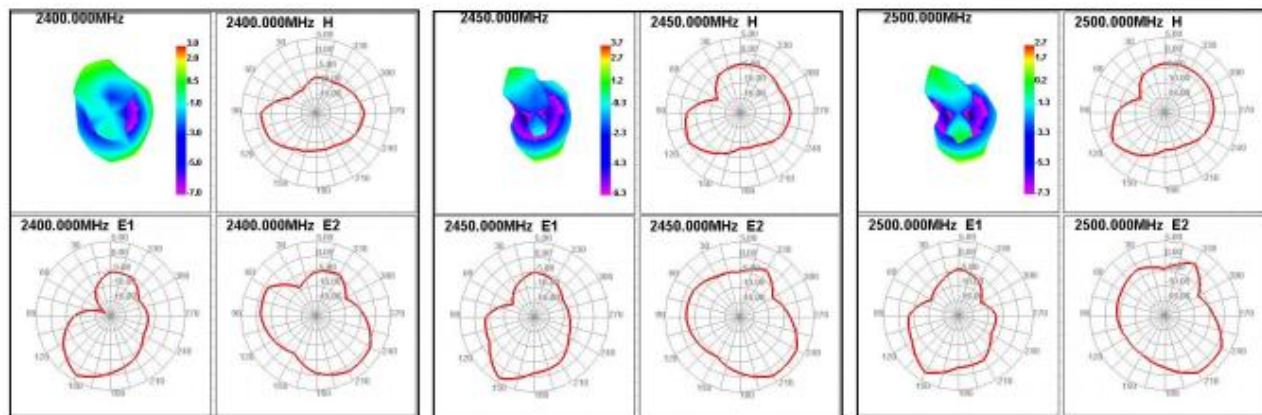
天线苹果图:



WiFi 无源测试数据:

Freq (MHz)	Effi (%)	Gain (dBi)
2400	48.59	3
2410	46.51	3.39
2420	48.34	3.52
2430	48.39	3.45
2440	52.31	3.77
2450	52.53	3.67
2460	53.17	3.64
2470	49.86	3.23
2480	51.78	3.3
2490	48.11	2.76
2500	49.87	2.72

天线苹果图:



信道CH 测试值		LTEB3			LTEB5		
		19300	19575	19850	20450	20525	20600
10M	TRP	16.78	17.75	18.66	15.05	15.51	15.72
	TIS			-88.85			-82.12

信道CH 测试值		LTEB7			LTEB8		
		20800	21100	21400	21500	21625	21750
20M	TRP	19.5	18.25	17.33	17.02	16.78	16.25
	TIS			-87.02			-82.36

信道CH 测试值		LTEB20			LTEB34		
		24200	24300	24400	36250	36275	36300
20M	TRP	14.96	16.10	17.28	16.04	15.99	15.95
	TIS			-82.27			-89.31

信道CH 测试值		LTEB38			LTEB39		
		37850	38000	38150	38750	39150	39550
20M	TRP	17.32	16.78	16.54	17.54	17.35	17.03
	TIS			-88.77			-88.88

信道CH 测试值		LTEB40			LTEB41		
		38750	39150	39550	40340	40840	41140
20M	TRP	17.56	18.20	18.77	18.61	17.42	16.12
	TIS			-89.44			-88.59

LTE 无源测试数据:

Freq (MHz)	Effi (%)	Gain (dBi)
820	27.48	0.77
830	27.55	0.38
840	29.12	0.23
850	31.39	0.44
860	34.81	0.91
870	38.09	1.46
880	35.84	1.97
890	35.51	2.23
900	35.99	2.35
910	35.44	2.15
920	33.56	1.92
930	38.34	1.38
940	36.26	1.25
950	34.29	1.27
960	31.62	1.19

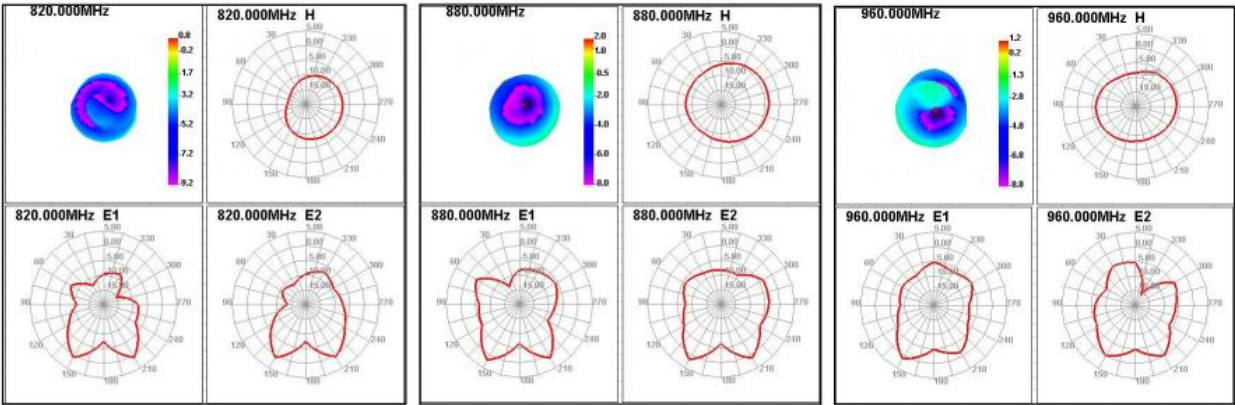
Freq (MHz)	Effi (%)	Gain (dBi)
1700	30.24	2.89
1710	34.54	2.61
1720	38.93	1.05
1730	43.43	1.63
1740	38.36	1.21
1750	37.63	0.95
1760	37.82	1.21
1770	36.17	1.89
1780	29.28	1.14
1790	35.42	1.82
1800	37.23	1.98
1810	37.13	1.02
1820	38.32	0.06
1830	39.87	0.11
1840	40.76	1.24
1850	39.02	1.13
1860	38.14	1.03
1870	36.67	3.83
1880	41.92	1.25
1890	39.57	1.05
1900	42.46	1.26
1910	38.61	1.93
1920	40.17	1.04
1930	41.23	1.14
1940	37.77	1.83
1950	40.59	1.01
1960	35.74	1.62
1970	35.32	1.57
1980	34.04	1.54

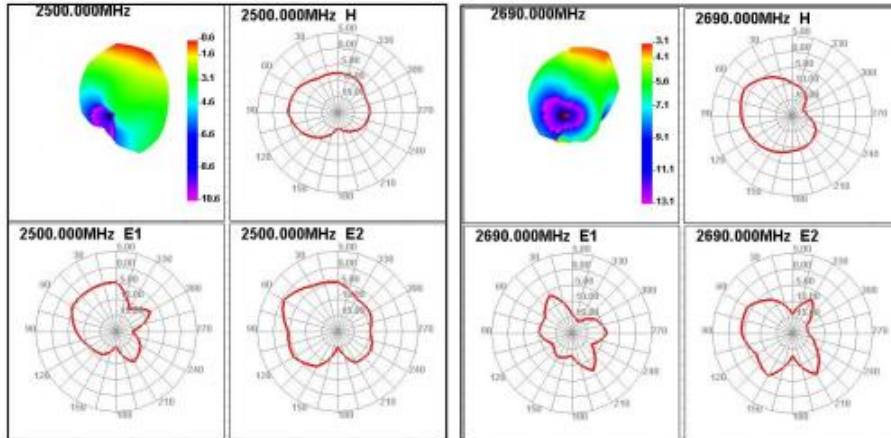
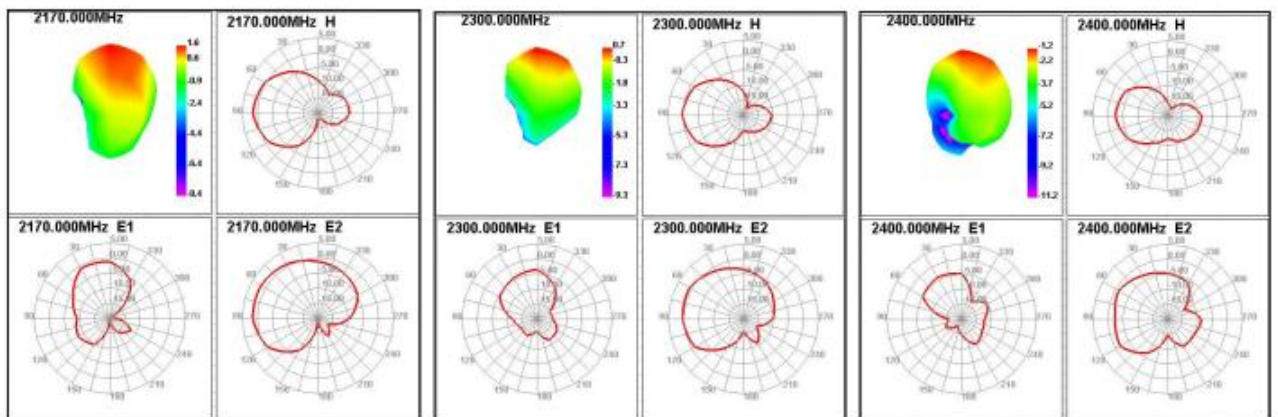
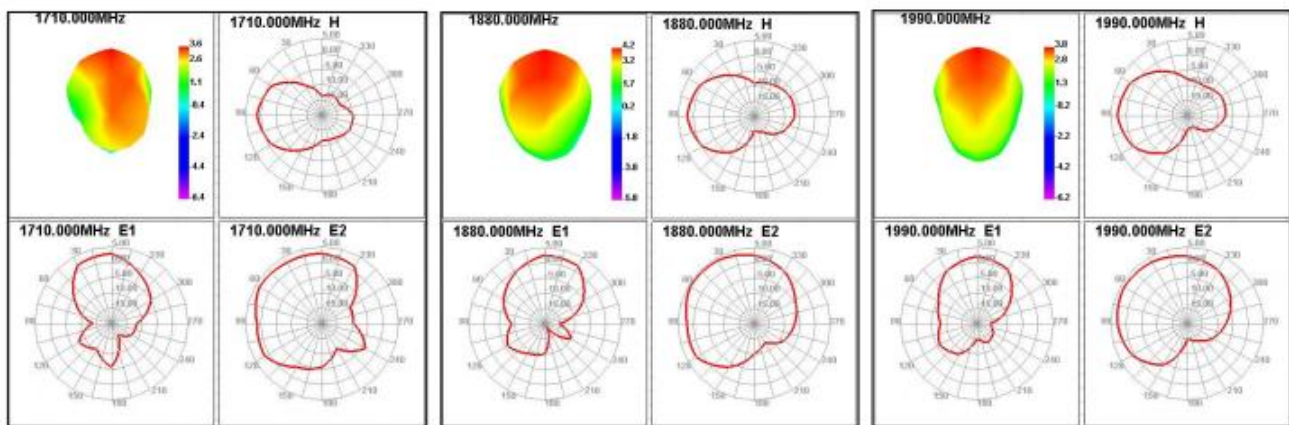
Freq (MHz)	Effi (%)	Gain (dBi)
1990	36.35	1.77
2000	38.13	1.97
2010	37.09	1.91
2020	38.68	1.01
2030	41.33	1.21
2040	40.69	1.11
2050	42.94	1.29
2060	40.25	1.08
2070	36.62	1.77
2080	36.13	1.76
2090	32.36	1.42
2100	30.62	1.26
2110	37.17	1.89
2120	44.24	1.55
2130	45.96	1.66
2140	38.14	1.87
2150	42.83	1.39
2160	39.35	1.08
2170	35.58	1.64
2180	32.75	1.31
2190	29.41	0.89
2200	33.13	1.54
2210	31.21	1.31
2220	29.88	1.12
2230	28.89	1.06
2240	29.67	1.24
2250	27.95	1.04
2260	29.26	0.28
2270	36.77	0.88

Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)
2280	34.93	0.59	2570	31.07	0.84
2290	31.52	0.04	2580	30.62	0.77
2300	35.64	0.73	2590	31.41	0.94
2310	31.61	0.04	2600	30.32	0.55
2320	33.21	0.18	2610	32.29	0.72
2330	30.82	0.42	2620	39.25	0.25
2340	30.35	0.62	2630	39.25	0.67
2350	35.38	0.24	2640	39.71	0.95
2360	39.17	1.12	2650	35.29	1.48
2370	32.79	0.51	2660	36.59	1.52
2380	38.72	1.51	2670	35.17	1.05
2390	38.01	1.79	2680	34.08	1.38
2400	30.72	1.19	2690	34.91	1.06
2410	37.62	1.85			
2420	39.43	1.37			
2430	39.88	1.16			
2440	39.08	1.23			
2450	37.92	1.48			
2460	39.52	1.07			
2470	37.99	1.46			
2480	39.72	1.03			
2490	38.32	1.37			
2500	30.89	0.61			

天线苹果图:

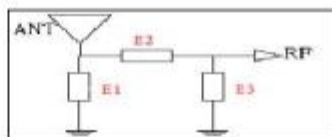
天线苹果图:





2. 天线匹配 (原天线匹配)

主天线	E1	E2	E3
	0.5PP	0 欧姆	N/A



1. 测试结果:

信道 CH 测试值	GSM850			EGSM900		
	1	62	124	1	62	124
TRP	22.16	23.10	24.28	24.41	25.63	25.72
TIS			-99.25			-99.36

信道 CH 测试值	DCS1800			PCS1900		
	512	698	885	512	698	885
TRP	22.25	22.37	23.75	23.42	22.34	22.20
TIS			-100.10			-100.42

信道 CH 测试值	WCDMA850			WCDMA900		
	4132	4185	4233	2937	3012	3088
TRP	15.63	15.75	16.75	15.47	16.36	16.63
TIS			-99.36			-99.10

信道 CH 测试值	WCDMA1900			WCDMA2100		
	9262	9400	9538	10562	10700	10838
TRP	19.45	18.54	18.23	17.54	17.10	16.35
TIS			-100.63			-100.31

信道 CH 测试值	LTEB1			LTEB2		
	18100	18300	18500	18650	18900	19150
10M TRP	17.8	17.20	16.21	19.38	18.78	18.39
TIS			-89.15			-89.32