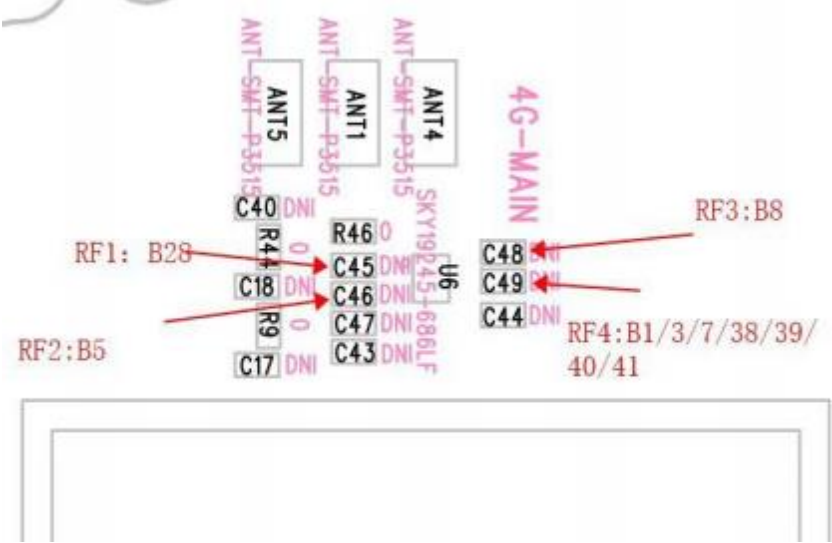
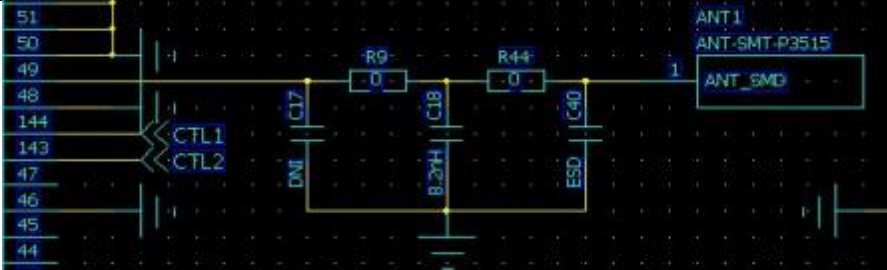


WIFI Data						
FS	Channel	TX (dBm) OTA	RX (dBm)	FS	Channel	TX (dBm) OTA
WIFI_B 11MHZ	1	18		WIFI_N_IS M 6.5MHZ	1	13.66
	6	17.53			6	12.94

11	11	17.2	-86.54	6 5	11	13.15
WIFI_G 6MHZ	1	15.61				
	6	15.1				
	11	14.68	-89.15			

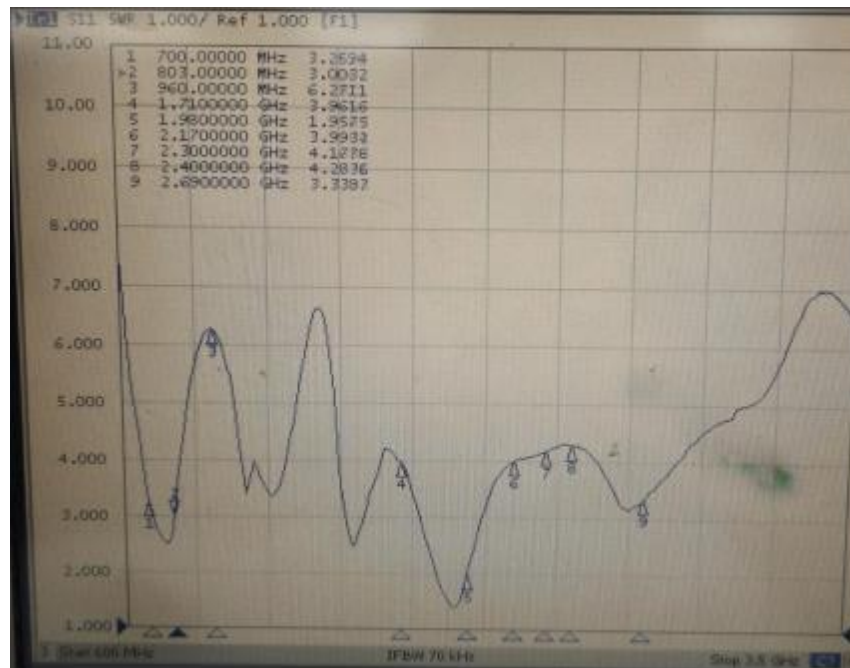
匹配电路修改



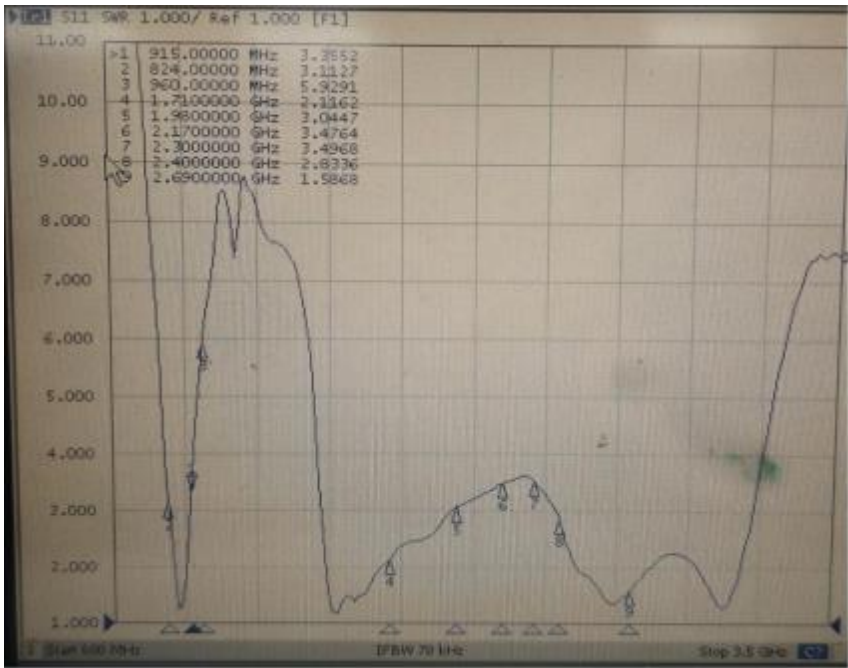
主天线	Element
	C40
	R44
	C18
	R9
	C17
	R46
	C45
	C46
	C48
	C49

无源测试参数

RF1



RF2, 3, 4



Marker 2 3.50000000 GHz

1 2.65000000 GHz 1.5868

2 2.70000000 GHz 3.4764

3 2.75000000 GHz 3.4268

4 2.80000000 GHz 2.8336

5 2.85000000 GHz 2.8336

6 2.90000000 GHz 2.8336

7 2.95000000 GHz 2.8336

8 3.00000000 GHz 2.8336

9 3.05000000 GHz 2.8336

10 3.10000000 GHz 2.8336

11 3.15000000 GHz 2.8336

12 3.20000000 GHz 2.8336

13 3.25000000 GHz 2.8336

14 3.30000000 GHz 2.8336

15 3.35000000 GHz 2.8336

16 3.40000000 GHz 2.8336

17 3.45000000 GHz 2.8336

18 3.50000000 GHz 2.8336

19 3.55000000 GHz 2.8336

20 3.60000000 GHz 2.8336

21 3.65000000 GHz 2.8336

22 3.70000000 GHz 2.8336

23 3.75000000 GHz 2.8336

24 3.80000000 GHz 2.8336

25 3.85000000 GHz 2.8336

26 3.90000000 GHz 2.8336

27 3.95000000 GHz 2.8336

28 4.00000000 GHz 2.8336

29 4.05000000 GHz 2.8336

30 4.10000000 GHz 2.8336

31 4.15000000 GHz 2.8336

32 4.20000000 GHz 2.8336

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35 4.35000000 GHz 2.8336

36 4.40000000 GHz 2.8336

37 4.45000000 GHz 2.8336

38 4.50000000 GHz 2.8336

39 4.55000000 GHz 2.8336

40 4.60000000 GHz 2.8336

41 4.65000000 GHz 2.8336

42 4.70000000 GHz 2.8336

43 4.75000000 GHz 2.8336

44 4.80000000 GHz 2.8336

45 4.85000000 GHz 2.8336

46 4.90000000 GHz 2.8336

47 4.95000000 GHz 2.8336

48 5.00000000 GHz 2.8336

49 5.05000000 GHz 2.8336

50 5.10000000 GHz 2.8336

51 5.15000000 GHz 2.8336

52 5.20000000 GHz 2.8336

53 5.25000000 GHz 2.8336

54 5.30000000 GHz 2.8336

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56 5.40000000 GHz 2.8336

57 5.45000000 GHz 2.8336

58 5.50000000 GHz 2.8336

59 5.55000000 GHz 2.8336

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61 5.65000000 GHz 2.8336

62 5.70000000 GHz 2.8336

63 5.75000000 GHz 2.8336

64 5.80000000 GHz 2.8336

65 5.85000000 GHz 2.8336

66 5.90000000 GHz 2.8336

67 5.95000000 GHz 2.8336

68 6.00000000 GHz 2.8336

69 6.05000000 GHz 2.8336

70 6.10000000 GHz 2.8336

71 6.15000000 GHz 2.8336

72 6.20000000 GHz 2.8336

73 6.25000000 GHz 2.8336

74 6.30000000 GHz 2.8336

75 6.35000000 GHz 2.8336

76 6.40000000 GHz 2.8336

77 6.45000000 GHz 2.8336

78 6.50000000 GHz 2.8336

79 6.55000000 GHz 2.8336

80 6.60000000 GHz 2.8336

81 6.65000000 GHz 2.8336

82 6.70000000 GHz 2.8336

83 6.75000000 GHz 2.8336

84 6.80000000 GHz 2.8336

85 6.85000000 GHz 2.8336

86 6.90000000 GHz 2.8336

87 6.95000000 GHz 2.8336

88 7.00000000 GHz 2.8336

89 7.05000000 GHz 2.8336

90 7.10000000 GHz 2.8336

91 7.15000000 GHz 2.8336

92 7.20000000 GHz 2.8336

93 7.25000000 GHz 2.8336

94 7.30000000 GHz 2.8336

95 7.35000000 GHz 2.8336

96 7.40000000 GHz 2.8336

97 7.45000000 GHz 2.8336

98 7.50000000 GHz 2.8336

99 7.55000000 GHz 2.8336

100 7.60000000 GHz 2.8336

101 7.65000000 GHz 2.8336

102 7.70000000 GHz 2.8336

103 7.75000000 GHz 2.8336

104 7.80000000 GHz 2.8336

105 7.85000000 GHz 2.8336

106 7.90000000 GHz 2.8336

107 7.95000000 GHz 2.8336

108 8.00000000 GHz 2.8336

109 8.05000000 GHz 2.8336

110 8.10000000 GHz 2.8336

111 8.15000000 GHz 2.8336

112 8.20000000 GHz 2.8336

113 8.25000000 GHz 2.8336

114 8.30000000 GHz 2.8336

115 8.35000000 GHz 2.8336

116 8.40000000 GHz 2.8336

117 8.45000000 GHz 2.8336

118 8.50000000 GHz 2.8336

119 8.55000000 GHz 2.8336

120 8.60000000 GHz 2.8336

121 8.65000000 GHz 2.8336

122 8.70000000 GHz 2.8336

123 8.75000000 GHz 2.8336

124 8.80000000 GHz 2.8336

125 8.85000000 GHz 2.8336

126 8.90000000 GHz 2.8336

127 8.95000000 GHz 2.8336

128 9.00000000 GHz 2.8336

129 9.05000000 GHz 2.8336

130 9.10000000 GHz 2.8336

131 9.15000000 GHz 2.8336

132 9.20000000 GHz 2.8336

133 9.25000000 GHz 2.8336

134 9.30000000 GHz 2.8336

135 9.35000000 GHz 2.8336

136 9.40000000 GHz 2.8336

137 9.45000000 GHz 2.8336

138 9.50000000 GHz 2.8336

139 9.55000000 GHz 2.8336

140 9.60000000 GHz 2.8336

141 9.65000000 GHz 2.8336

142 9.70000000 GHz 2.8336

143 9.75000000 GHz 2.8336

144 9.80000000 GHz 2.8336

145 9.85000000 GHz 2.8336

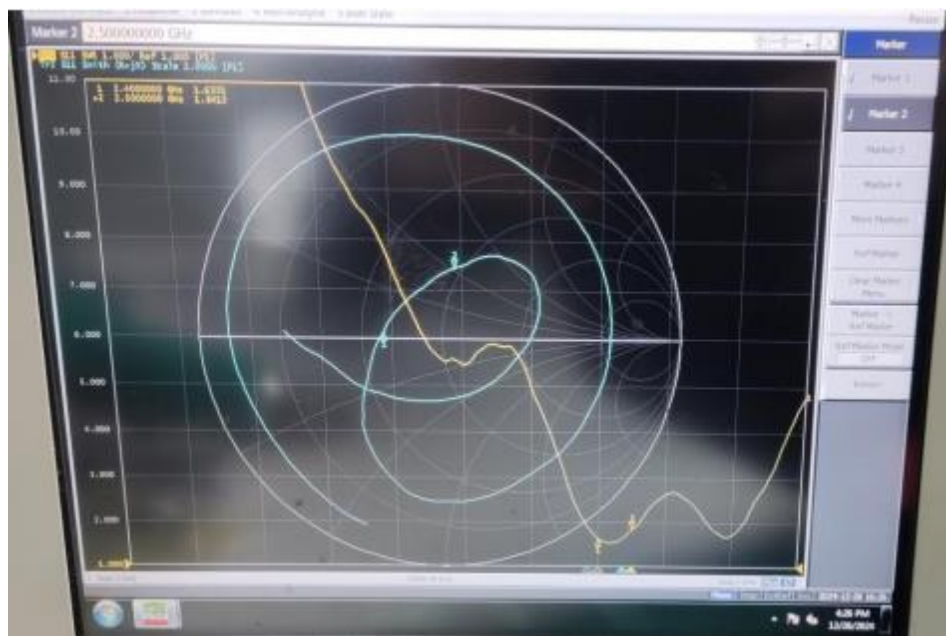
146 9.90000000 GHz 2.8336

147 9.95000000 GHz 2.8336

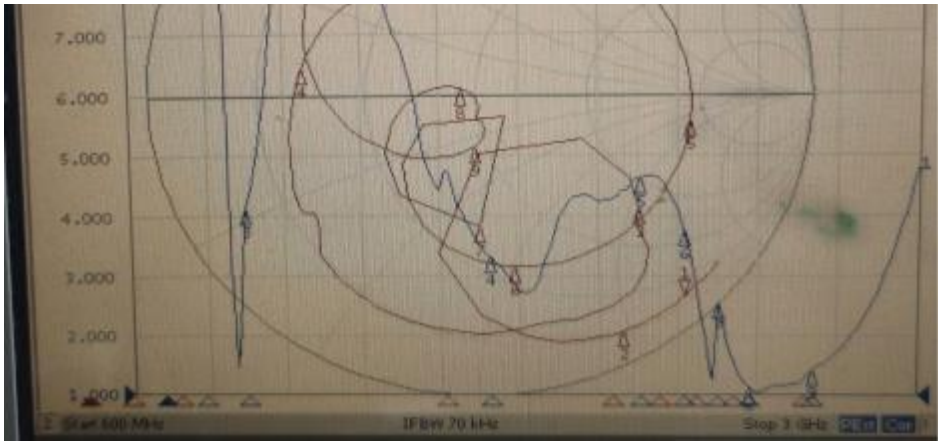
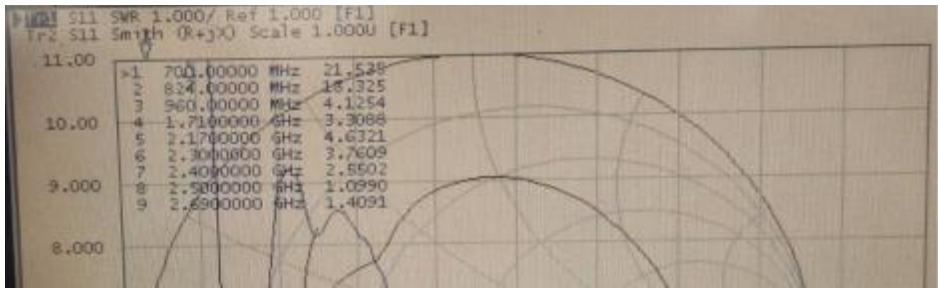
148 10.00000000 GHz 2.8336

149 10.05000000 GHz 2.8336

150 10.10000000 GHz 2.8336



DIV



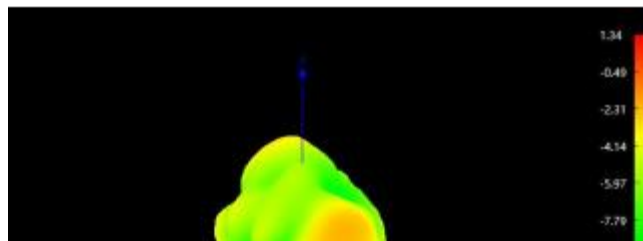
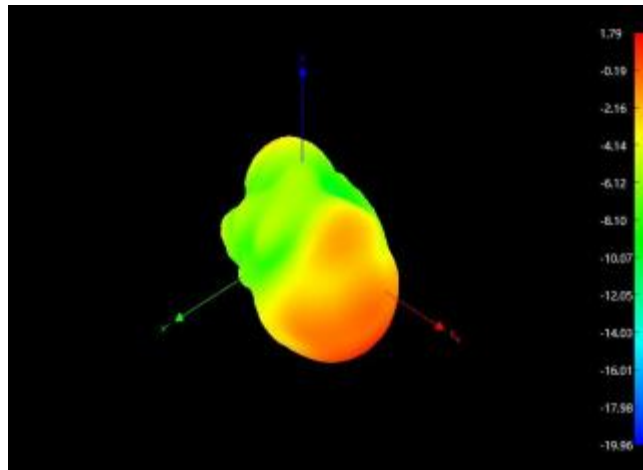
无源效率测试参数

WIFI天
线

Frequency/ Mh	Efficiency / dB	Efficiency / %	MaxGain/d Bi
2400	-3.84	41.3	2.04
2410	-4.1	38.9	1.79
2420	-3.94	40.36	1.55
2430	-4.12	38.73	1.31
2440	-3.99	39.9	1.34
2450	-4.16	38.37	0.97
2460	-4.18	38.19	0.9
2470	-4.48	35.65	0.68
2480	-4.13	38.64	1.28
2490	-4.14	38.55	1.41
2500	-4.22	37.84	1.52

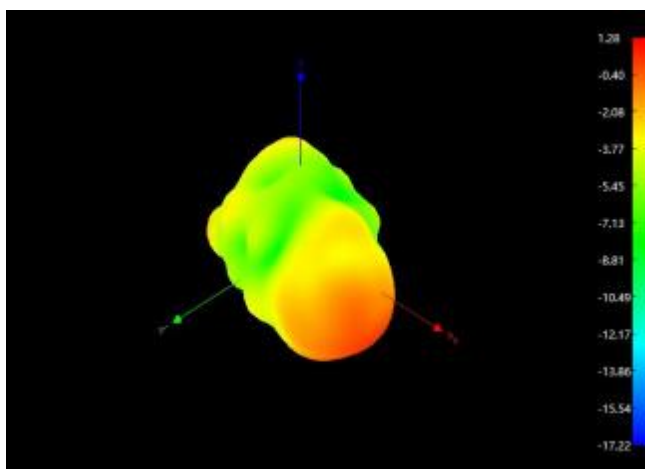
3D Etotal

2410Mhz



2440Mhz

2480Mhz



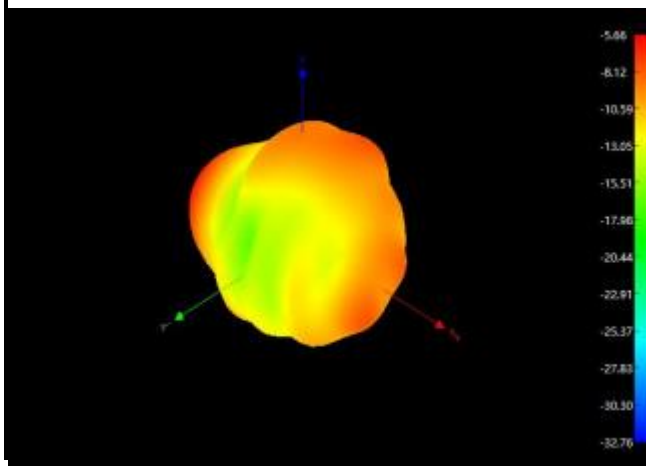
分集天线

Frequency/Mhz	Efficiency / dB	Efficiency / %	MaxGain/dBi	Frequency/Mhz	Efficiency / dB	Efficiency / %
880	-13.94	4.04	-9.44	2050	-6.96	20.14
900	-10.06	9.86	-5.66	2070	-6.82	20.8
920	-5.88	25.82	-1.11	2090	-6.75	21.13
940	-5.96	25.35	-0.38	2110	-7.14	19.32
960	-7.43	18.07	-1.23	2130	-6.88	20.51
1710	-4.65	34.28	-0.57	2150	-7.2	19.05
1730	-4.54	35.16	-0.59	2170	-7.18	19.14
1750	-4.55	35.08	-0.74	2300	-5.41	28.77
1770	-4.44	35.97	-1.12	2320	-4.78	33.27
1790	-4.77	33.34	-1.34	2340	-4.51	35.4
1810	-5.27	29.72	-1.2	2360	-3.71	42.56
1830	-5.92	25.59	-0.87	2380	-3.37	46.03

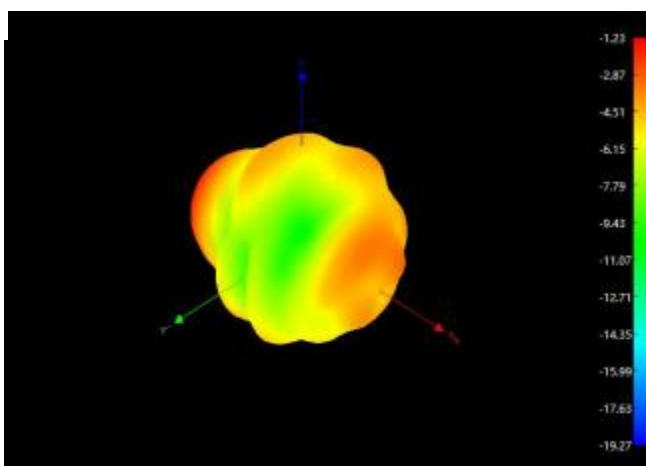
1850	-6.38	23.01	-0.4	2400	-5.48	28.31
1870	-6.85	20.65	-0.15	2420	-4.23	37.76
1890	-6.83	20.75	0.07	2440	-3.76	42.07
1910	-6.96	20.14	-0.57	2460	-3.71	42.56
1930	-6.9	20.42	-0.47	2480	-3.56	44.06
1950	-7.03	19.82	-0.62	2500	-3.57	43.95
1970	-7	19.95	-0.66	2520	-3.75	42.17
1990	-7.26	18.79	-1.07	2540	-3.75	42.17
2010	-6.94	20.23	-0.91	2560	-3.75	42.17
2030	-7.1	19.5	-1.29	2580	-3.95	40.27
				2600	-4.04	39.45
				2620	-4.17	38.28
				2640	-4.57	34.91
				2660	-4.9	32.36



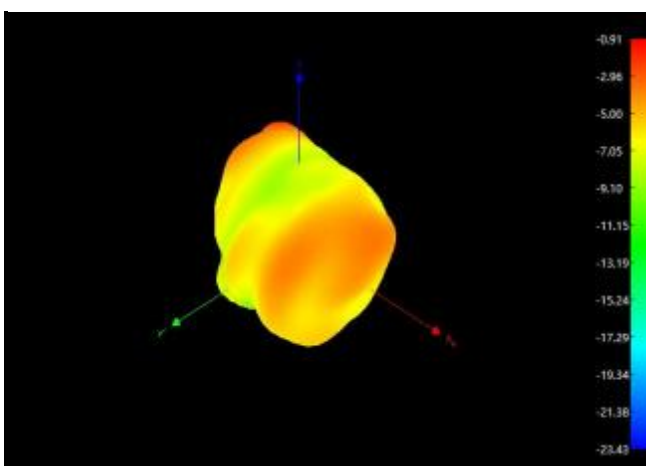
3D Etotal
900Mhz



960Mhz

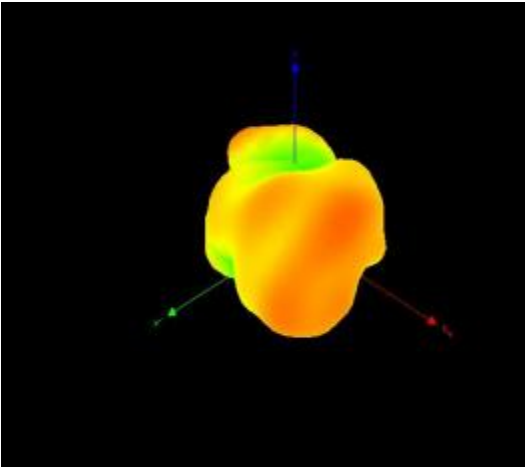


2010Mhz



2300Mhz

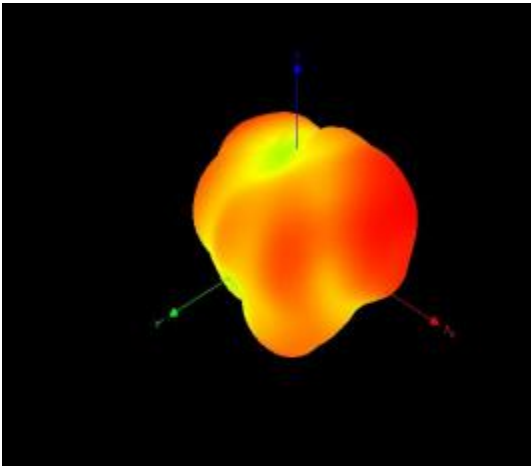
2680	-5.2	30.2
2700	-5	31.62



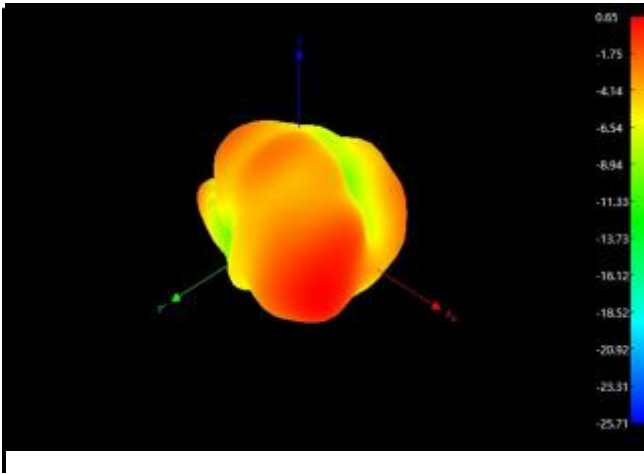
2400Mhz



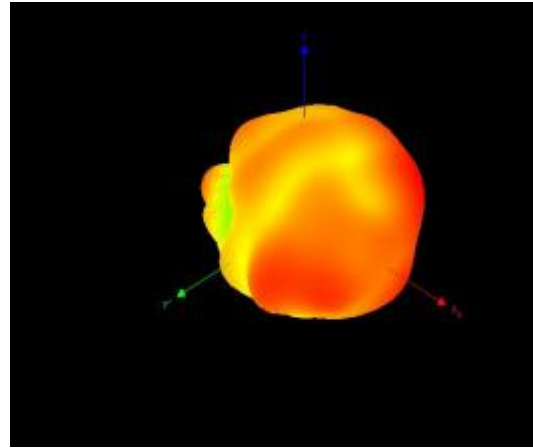
1750Mhz



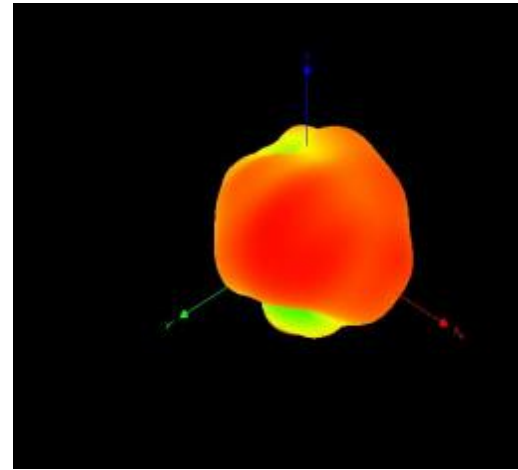
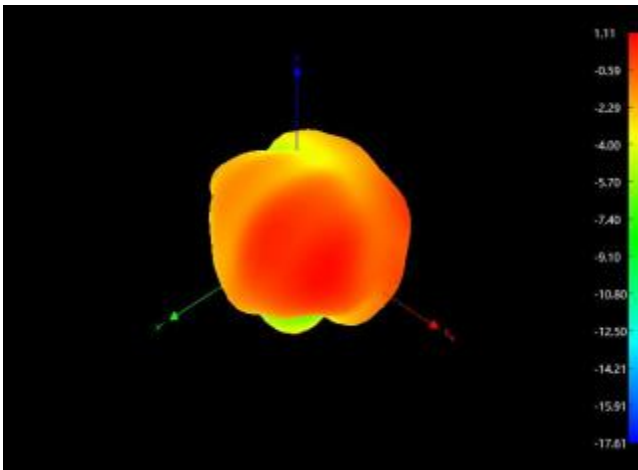
2170Mhz



2600Mhz



2680Mhz



天线安装位置

MAIN



DIV

RX (dBm)
-86.15
-85.4
-89.64
-90.73
-89.69
RX (dBm)

-83.77

Value
/
OR
18NH
OR
N/C
N/C
5. 1NH
OR
OR
OR

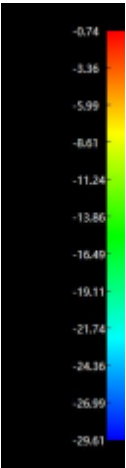


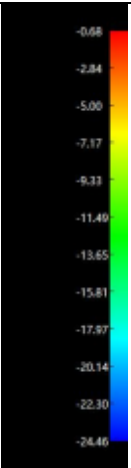
MaxGain/d Bi
- 1. 42
-1.03
-0.67
-0.94
-0.63
-0.91
-0.68
0.65
1.18

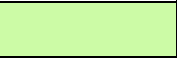
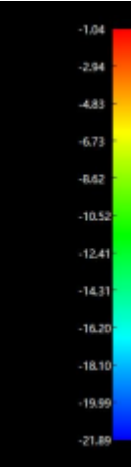
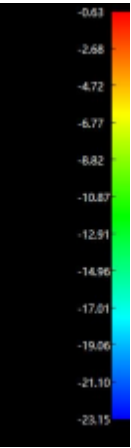
1.45
2.03
2.23
-0.63
0.35
0.47
0.27
0.52
0.61
0.58
0.77
0.95
0.94
1. 1 1
1.07
0.55
-0.42

-1.04
-1.07

S







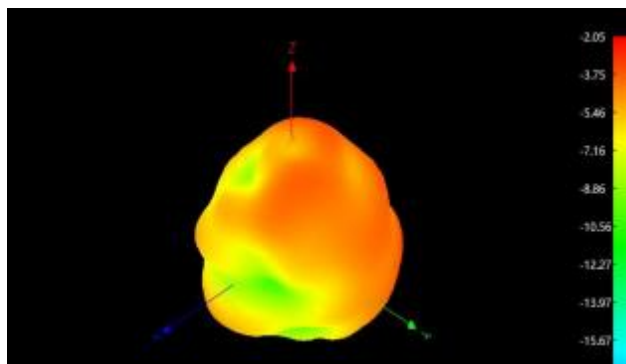
主天线

Frequen cy	Efficie nc	Efficie nc	MaxGain/dBi		Frequen cy	Efficie nc	Efficie nc
700	-6.37	23.07	-2.05		1910	-4.4	36.31
710	-5.83	26.15	-1.41		1930	-4.58	34.83
720	-5.61	27.51	-1.4		1950	-4.79	33.19
730	-5.38	28.96	-0.49		1970	-4.87	32.58
740	-5.29	29.59	-0.42		1990	-4.66	34.2
750	-5.36	29.09	-0.83		2010	-4.43	36.06
760	-5.31	29.46	-1.01		2030	-4.33	36.9
770	-5.37	29.04	-0.68		2050	-4.42	36.14
780	-5.16	30.47	-0.64		2070	-4.44	35.97
790	-4.82	32.93	0.36		2090	-4.57	34.91
800	-4.54	35.14	0.04		2110	-4.58	34.83
810	-4.4	36.32	1.41		2130	-4.57	34.91
820	-4.34	36.78	-0.81		2150	-4.83	32.89
830	-4.45	35.89	-1.42		2170	-4.85	32.73
840	-4.18	38.22	-1.08		2300	-4.85	32.73
850	-3.66	43.05	-0.19		2320	-4.98	31.77
860	-2.94	50.82	0.26		2340	-5.31	29.44
870	-2.38	57.81	0.85		2360	-5.25	29.85
880	-2.17	60.67	1.16		2380	-5.22	30.06
890	-2.19	60.39	1.29		2400	-4.39	36.39
900	-2.37	57.94	1.07		2420	-3.97	40.09

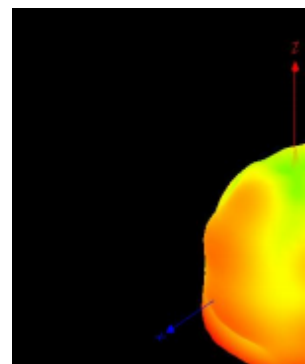
910	-2.6	54.95	1.18		2440	-3.75	42.17
920	-3	50.12	0.77		2460	-3.55	44.16
930	-3.56	44.06	0.26		2480	-3.09	49.09
940	-4.14	38.55	-0.12		2500	-2.96	50.58
950	-4.81	33.04	-0.65		2520	-2.91	51.17
960	-5.34	29.24	-1.11		2540	-2.66	54.2
1710	-3.57	43.95	4.12		2560	-2.51	56.1
1730	-3.97	40.09	3.48		2580	-2.62	54.7
1750	-4.02	39.63	3.43		2600	-2.55	55.59
1770	-3.77	41.98	3.28		2620	-2.72	53.46
1790	-3.77	41.98	2.71		2640	-3.02	49.89
1810	-3.91	40.64	2.04		2660	-3.22	47.64
1830	-3.97	40.09	1.65		2680	-3.55	44.16
1850	-4.09	38.99	1.4		2700	-3.92	40.55
1870	-4.16	38.37	1.29				
1890	-4.21	37.93	1.3				

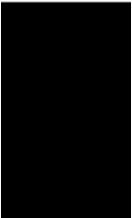
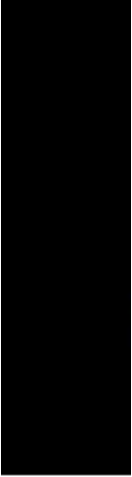
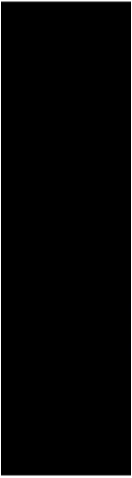
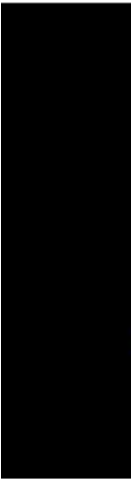
3D Etotal

700Mhz



1910Mhz





950Mhz

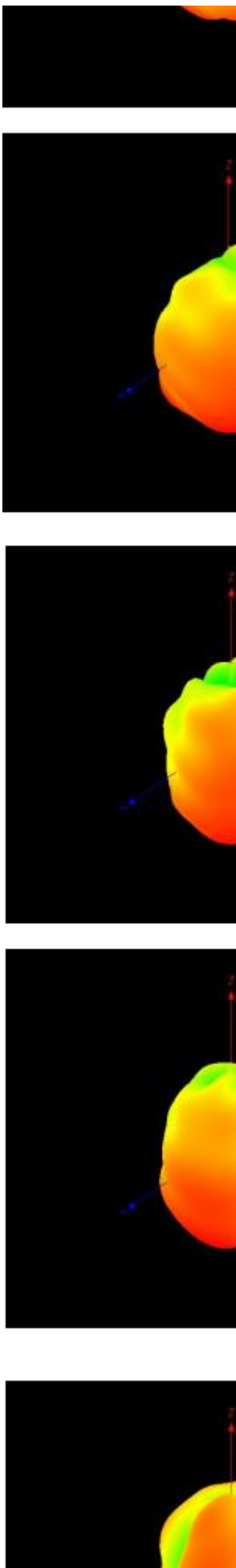
820Mhz

2170Mhz

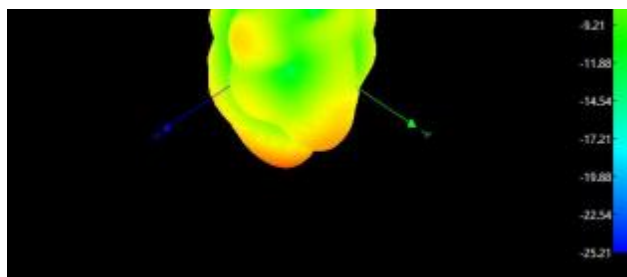
890Mhz

2300Mhz

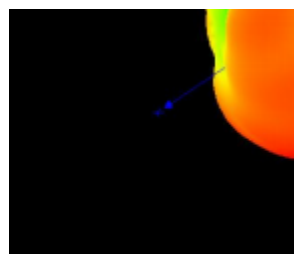
2400Mhz



1710Mhz

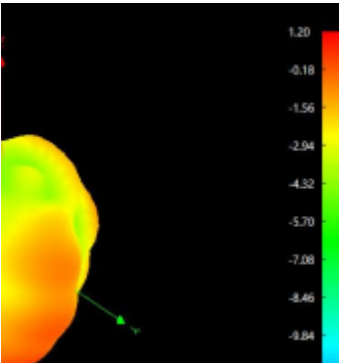


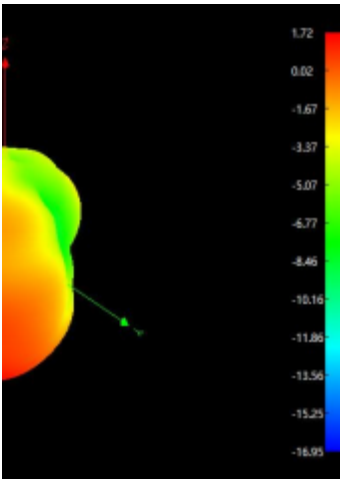
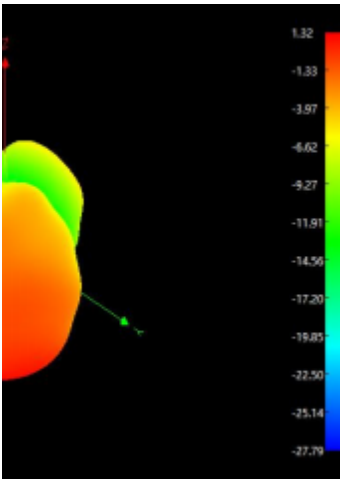
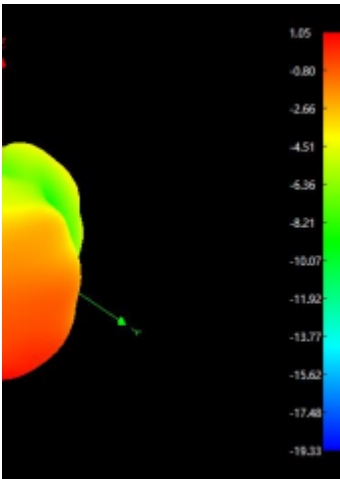
2680Mhz

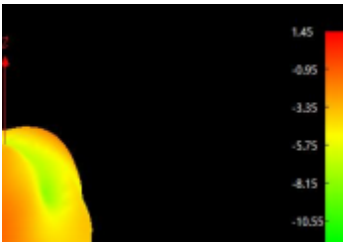


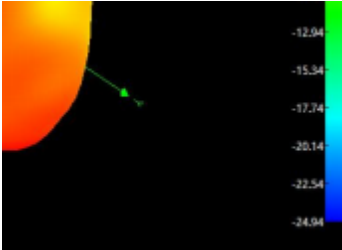
MaxGain /d	Bi
1 · 2	
0. 96	
0. 56	
0. 49	
0. 77	
1. 07	
0. 96	
0. 78	
0. 85	
1. 09	
1 · 3	
1. 45	
1. 08	
1. 05	
1. 32	
1 · 3	
1. 16	
1. 14	
0. 67	
1. 72	
1.	

86
1. 85
1. 78
1. 99
1. 77
1. 88
2. 14
2. 36
2. 34
2. 47
2. 42
2. 15
1. 92
1. 45
0. 72









1#

LTE1 TRP			LTE3 TRP			LTE5 TRP	
18050	18300	18550	19250	19575	19900	20450	20525
1925	1950	1975	1715	1747.5	1780	829	836.5
10M	10M	10M	10M	10M	10M	10M	10M
19.21	21.73	23.23	20.51	20.34	19.57	20.77	21.66
2115	2140	2165	1810	1842.5	1875	874	881.5
10M	10M	10M	10M	10M	10M	10M	10M
-93.81	-92.79	-94.81	-94.06	-94.44	-94.51	-89.59	-91.28

LTE20 TRP			LTE28 TRP			LTE38 TRP	
24200	24300	24400	27260	27435	27610	37850	38000
837	847	857	708	725.5	743	2580	2595
10M	10M	10M	10M	10M	10M	20M	20M
19.54	19.98	18.96	17.38	17.23	16.59	21.87	21.61
796	806	816	763	780.5	798		
10M	10M	10M	10M	10M	10M		
-89.34	-89.28	-85.23	-86.65	-86.07	-85.48		

WCDMA_I TRP			WCDMA_V TRP			WCDMA_VIII T	
9612	9750	9888	4132	4185	4233	2712	2788
1922.4	1950	1977.599	826.4	837	846.599	882.4	897.599
17.52	21.39	21.83	17.81	18.66	18.63	16.6	16.71
		2167.6	871.4	882	891.599	927.4	942.599
		-106.93	-98.73	-100.35	-99.37	-98.53	-103.67

11B

Wifi 2G TRP			
1	6	11	13
2412	2437	2462	2472
13.86	14.11	13.88	13.6
2412	2437	2462	2472

-83.84	-86.83	-86.41	-86.67
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	LTE7 TRP			LTE8 TRP		
20600	20800	21100	21400	21500	21625	21750
844	2505	2535	2565	885	897.5	910
10M	10M	10M	10M	10M	10M	10M
21.76	21.51	22.52	22.47	19.87	19.9	19.09
889	2625	2655	2685	930	942.5	955
10M	10M	10M	10M	10M	10M	10M
-90.62	-94.04	-93.66	-94.05	-90.84	-92.53	-91.46

	LTE40 TRP			LTE41 TRP		
38150	38750	39150	39550	39750	40620	41490
2610	2310	2350	2390	2506	2593	2680
20M	20M	20M	20M	20M	20M	20M
23.79	18.34	19.66	20.27	0.75	21.37	17.53
2610			2390			2680
20M			20M			20M
-97.19			-93.73			-93.78

RP
2863
912.599
17.2
957.599
-103.15