



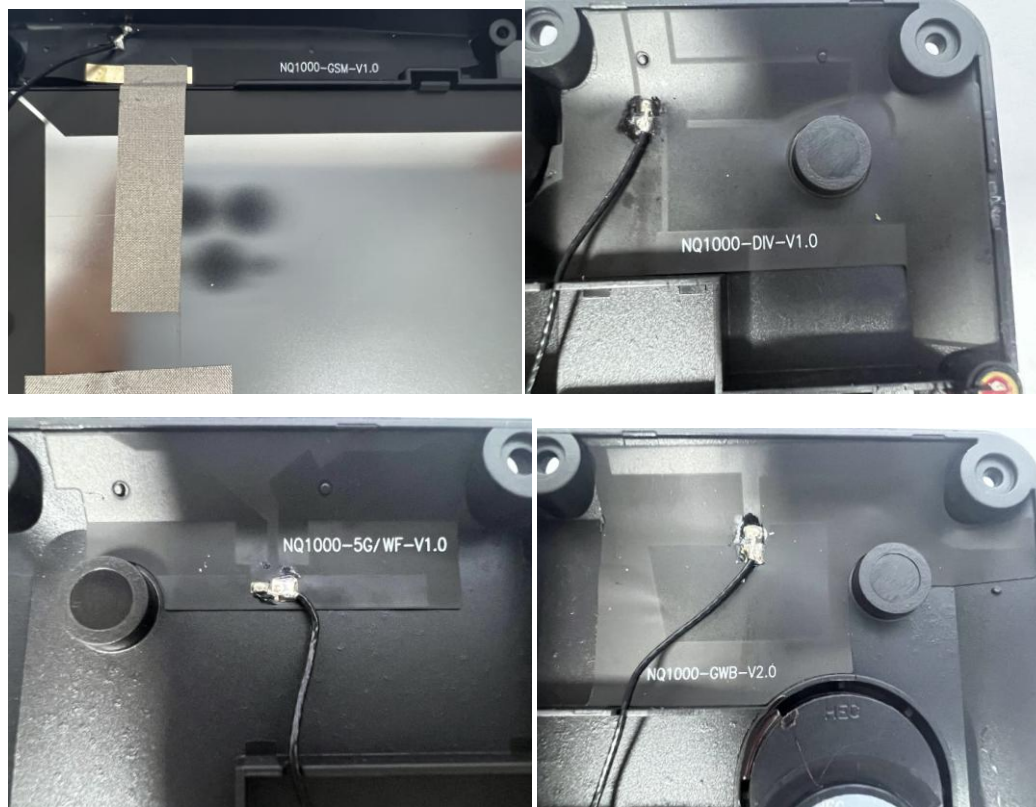
Shenzhen Dosking Technology Co., Ltd

Room 403, West, Building 2, Pingshan Private Enterprise Science and Technology Park, No. 65, Lishan

Road, Pingshan Community, Taoyuan Sub-district, Nanshan District, Shenzhen City

深圳市德仕勤科技有限公司

DOSKING Antenna Test Report



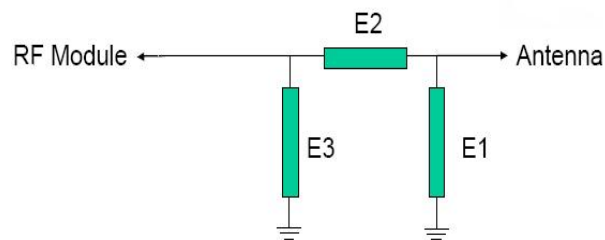
1.The Equipment of Active Test

1. ETS Chamber 7×4×3(m)/3*3*3 (m) (3D 暗室)

2. 矢量网络分析仪(无源测试仪)

3. Network analyzer-5071E/B/Comprehensive measuring instrument-8960/LTE-RS-CMW500/MT8820C 支持 2G、3G、4G/BT、WIFI、NB

2.Matching Circuit 主天线 (匹配未更改)

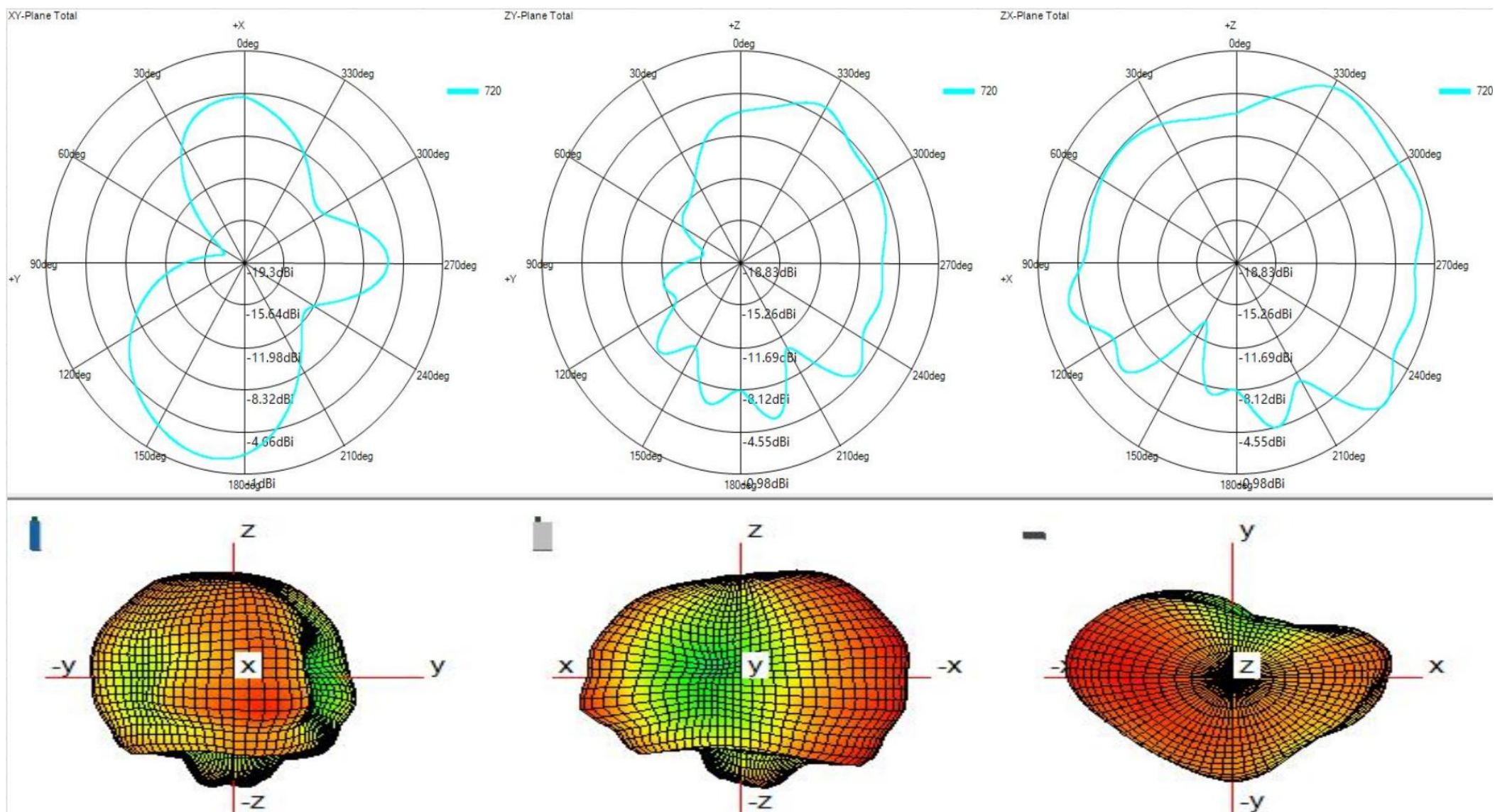


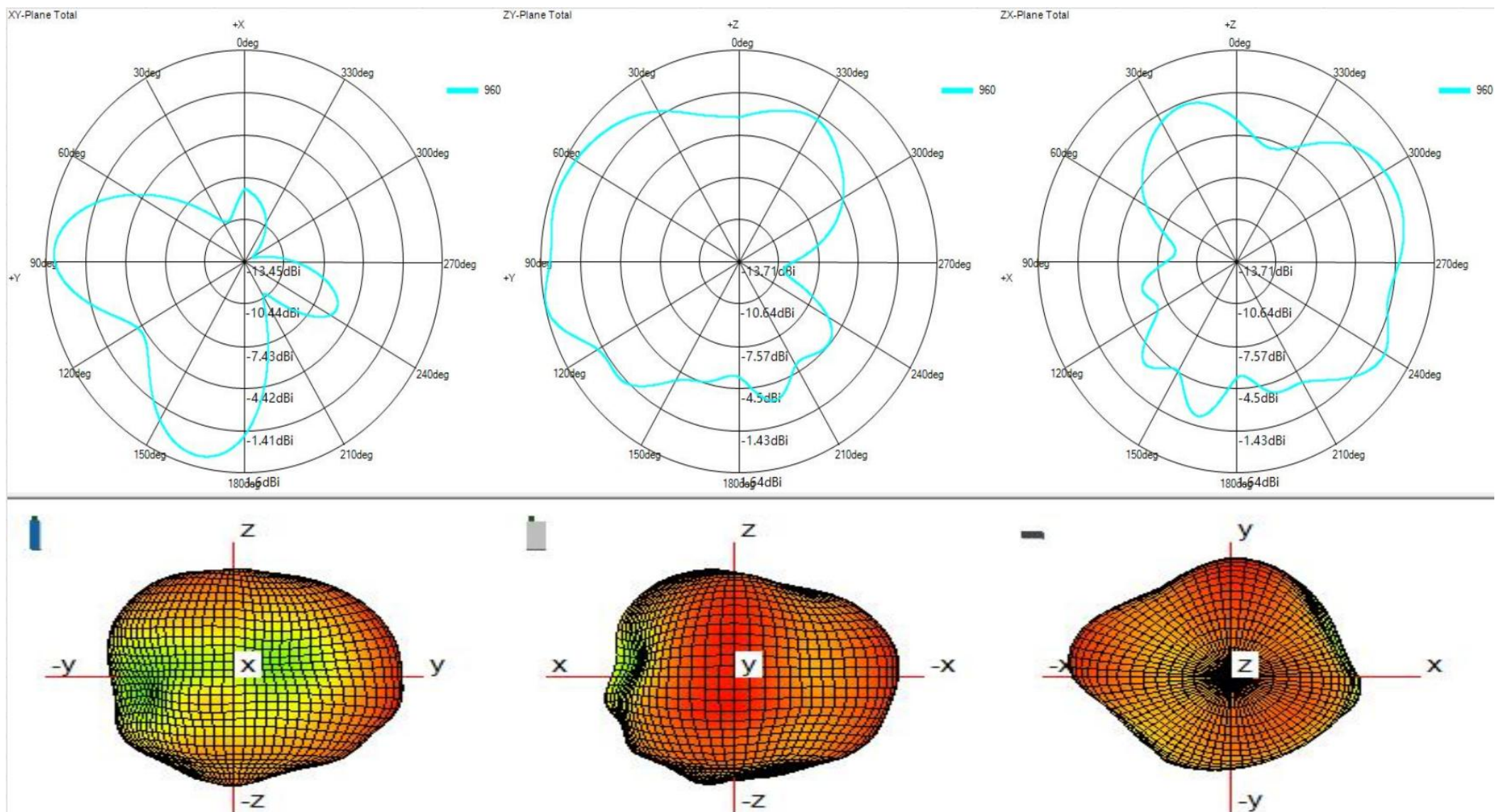
Element	匹配值
E1	
E2	
E3	

注:

3:Passive antenna testing

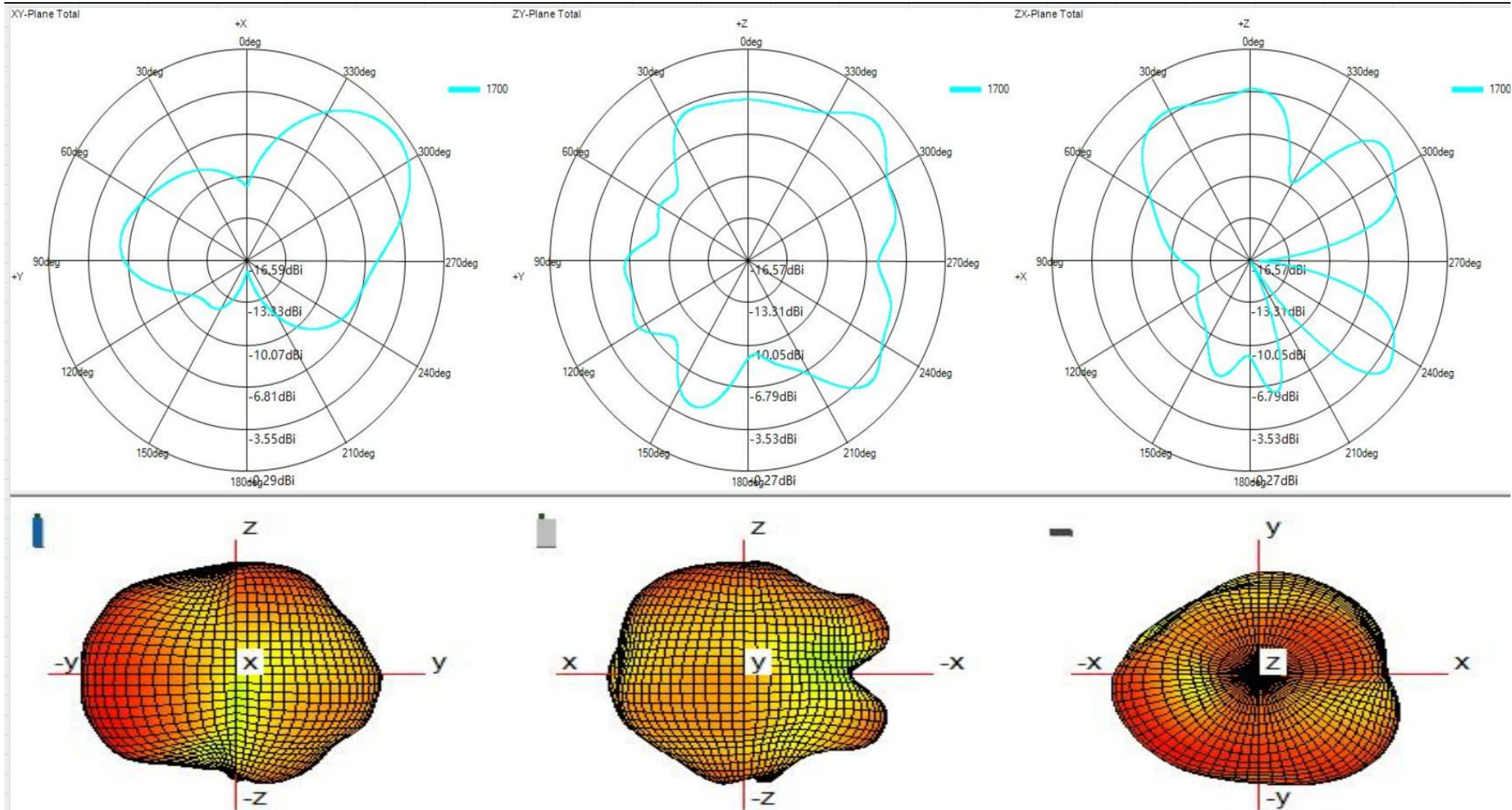
Freq (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
700	-1.38	-5.93	25.53
720	-1.23	-5.80	26.30
740	-1.04	-5.63	27.38
760	-0.64	-5.33	29.28
780	0.26	-4.84	32.83
800	1.09	-4.32	36.98
820	1.62	-4.04	39.44
840	1.58	-3.69	42.79
860	1.59	-3.60	43.65
880	1.53	-3.66	43.02
900	1.31	-3.51	44.57
920	0.55	-3.37	46.04
940	0.82	-3.28	47.02
960	1.50	-3.43	45.39

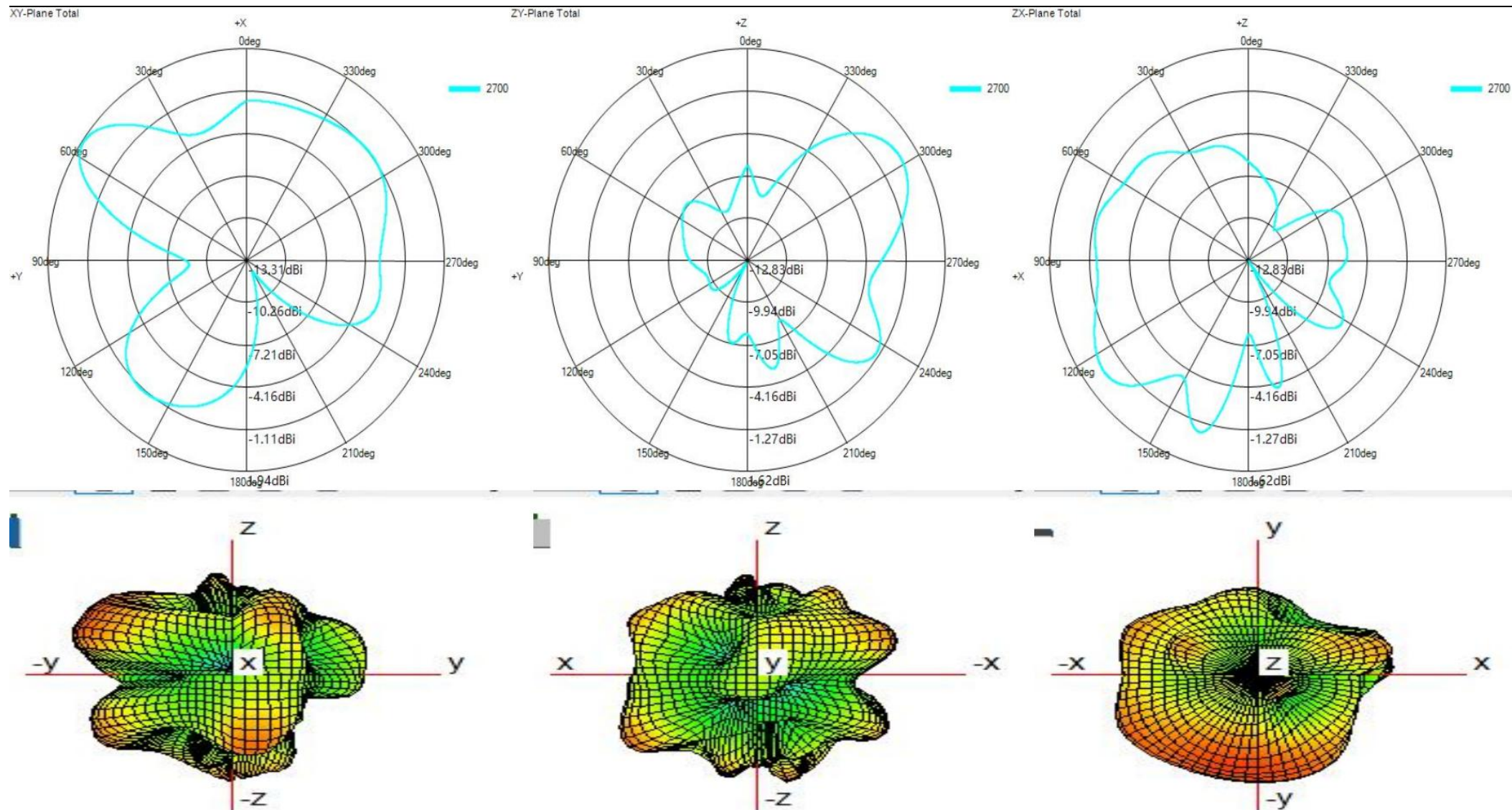






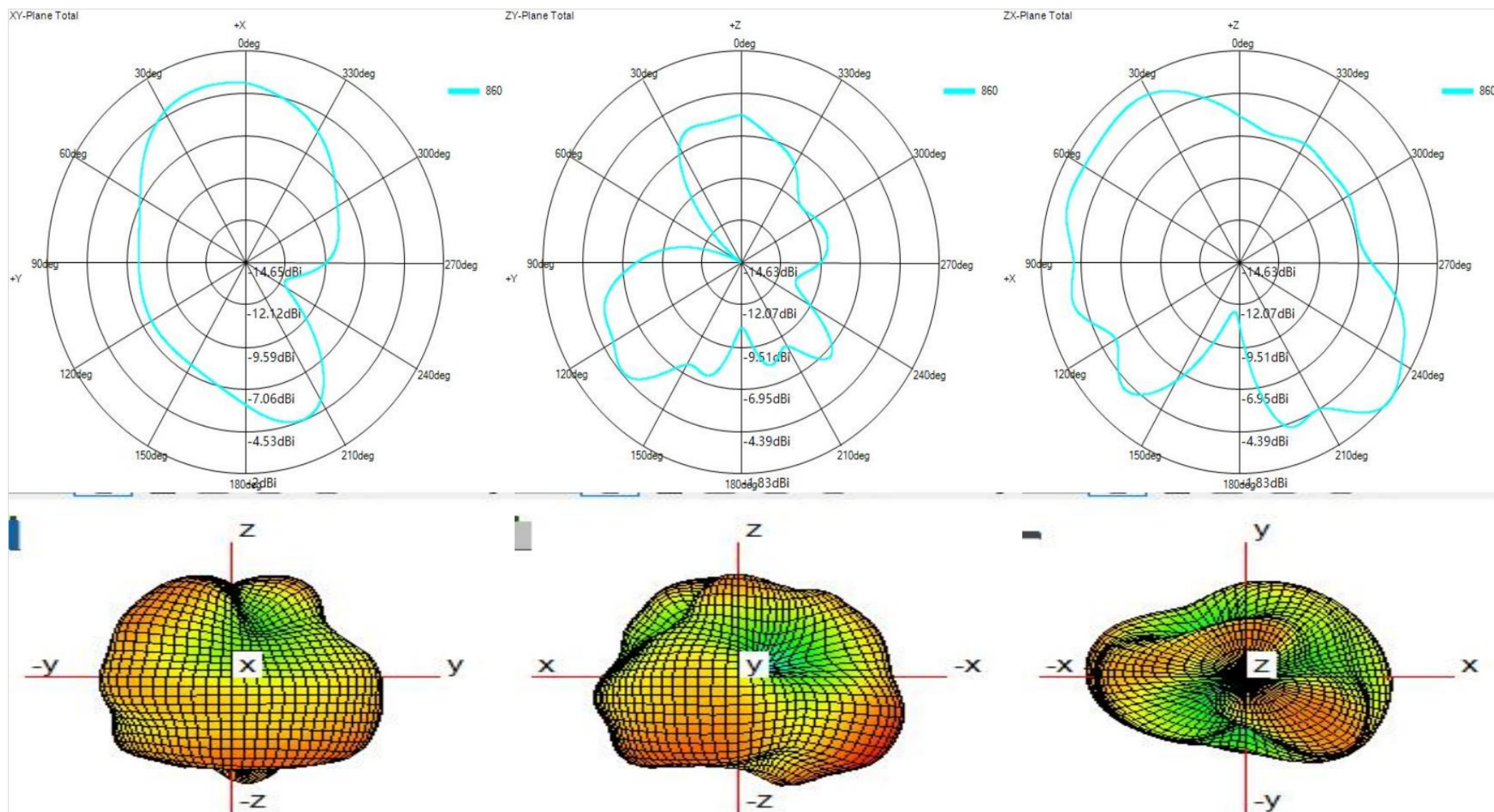
Freq (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)	Freq (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
1700	-0.36	-5.33	29.32	2260	2.70	-2.36	58.02
1740	-0.42	-4.67	34.09	2300	2.31	-2.51	56.08
1780	-0.21	-4.38	36.49	2340	1.96	-2.78	52.69
1820	0.34	-3.87	40.99	2380	2.48	-2.60	55.00
1860	0.62	-3.63	43.37	2420	2.83	-2.33	58.52
1900	0.99	-3.25	47.34	2460	2.33	-2.65	54.37
1940	1.69	-3.08	49.24	2500	1.71	-2.85	51.87
1980	2.04	-2.98	50.35	2540	1.31	-2.69	53.84
2020	2.41	-2.82	52.27	2580	1.27	-2.42	57.28
2060	2.35	-2.76	52.94	2620	1.22	-2.36	58.13
2100	2.00	-2.96	50.57	2660	1.25	-2.82	52.20
2140	2.11	-3.04	49.69	2700	1.62	-2.91	51.15
2180	2.27	-2.96	50.61				
2220	2.86	-2.47	56.67				

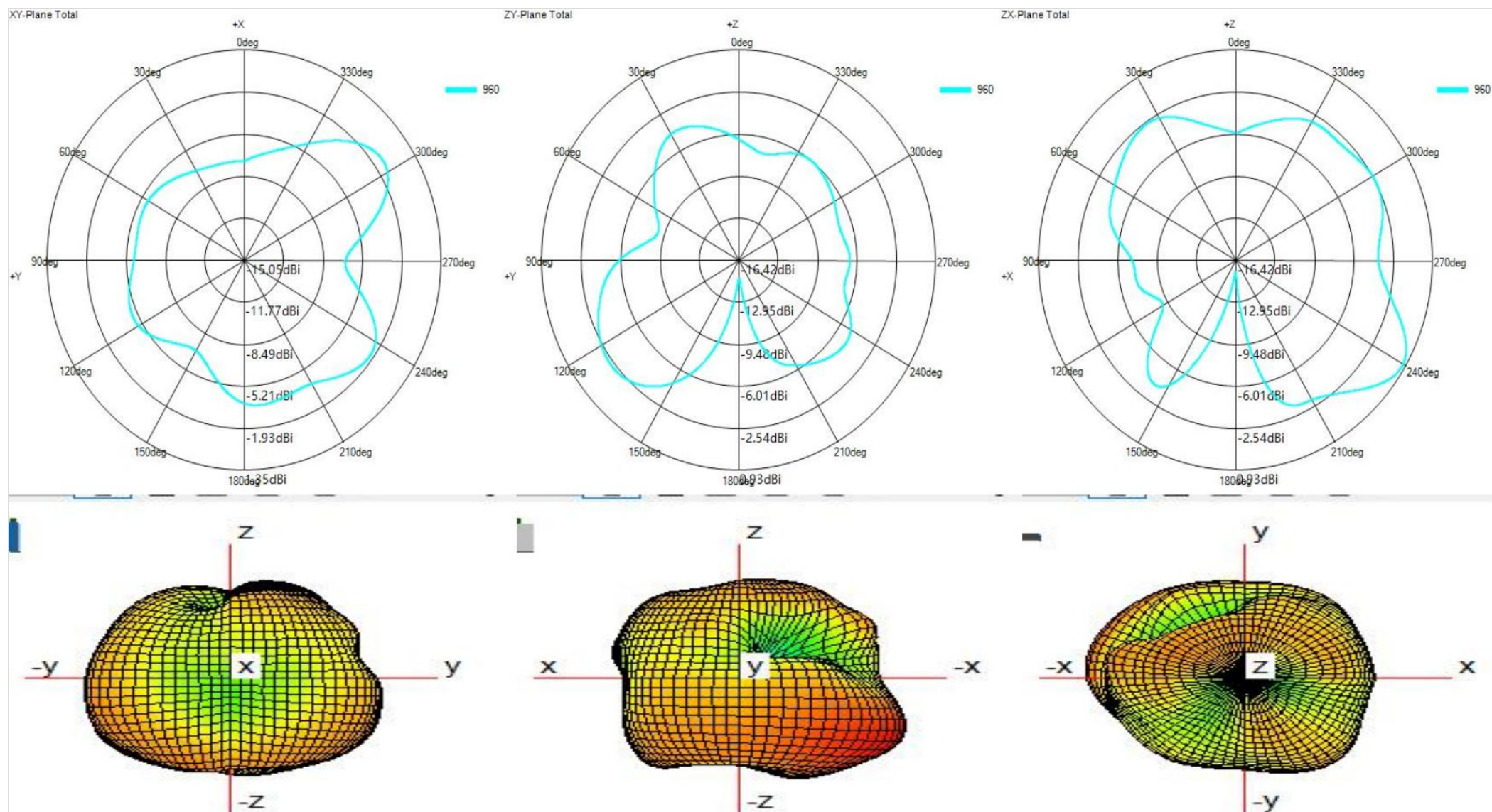




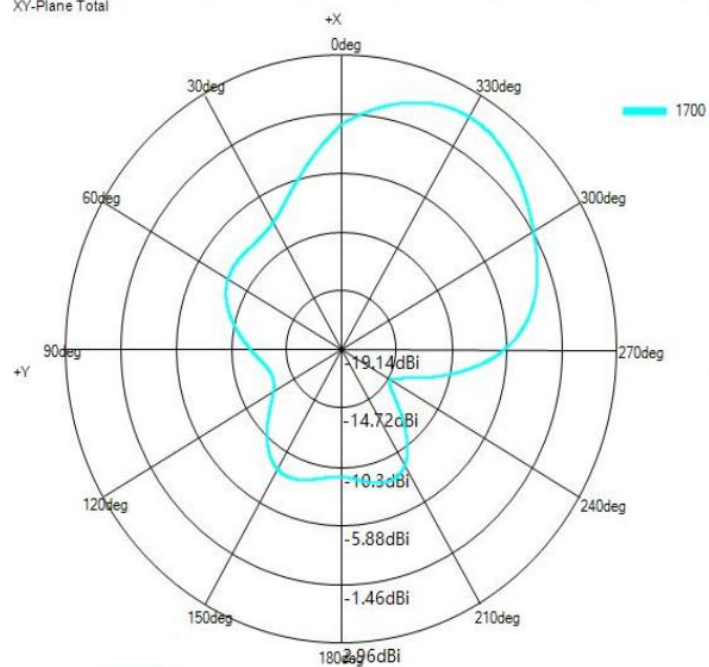
diversity antenna

Freq (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)	Freq (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
820	-0.74	-7.03	19.83	1880	5.00	-1.98	63.37
840	-0.64	-6.28	23.57	1940	4.44	-1.71	67.39
860	-2.02	-5.96	25.35	2000	3.82	-2.09	61.80
880	-2.82	-6.20	23.96	2060	3.66	-2.34	58.38
900	-2.11	-5.81	26.27	2120	3.51	-2.58	55.27
920	-0.04	-5.00	31.62	2180	3.31	-2.79	52.54
940	0.22	-4.68	34.06	2240	4.36	-2.47	56.63
960	0.89	-4.05	39.37	2300	4.32	-2.62	54.65
				2360	3.94	-2.78	52.76
				2420	4.28	-2.70	53.72
				2480	4.84	-3.16	48.30
				2540	5.37	-2.81	52.41
1700	2.96	-4.60	34.70	2600	5.72	-2.24	59.69
1760	3.80	-3.42	45.46	2660	5.95	-2.51	56.15
1820	5.10	-2.36	58.14	2700	6.28	-2.46	56.78

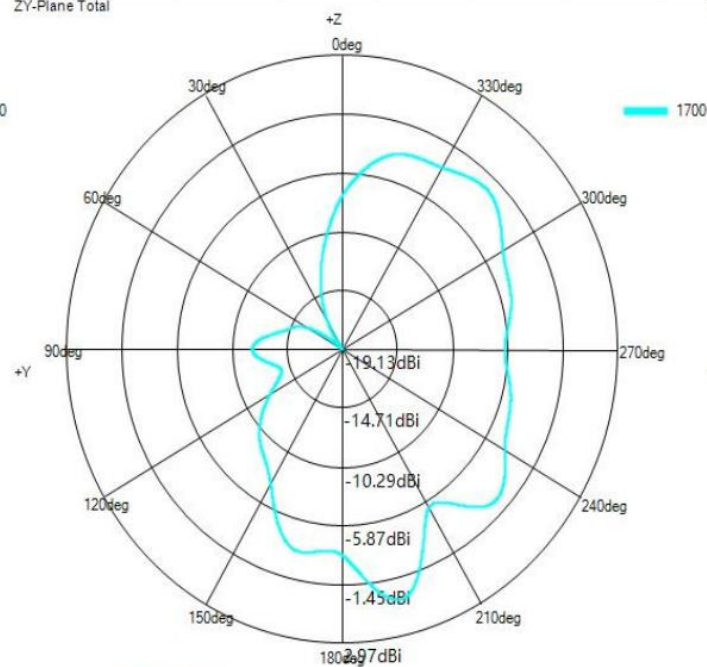




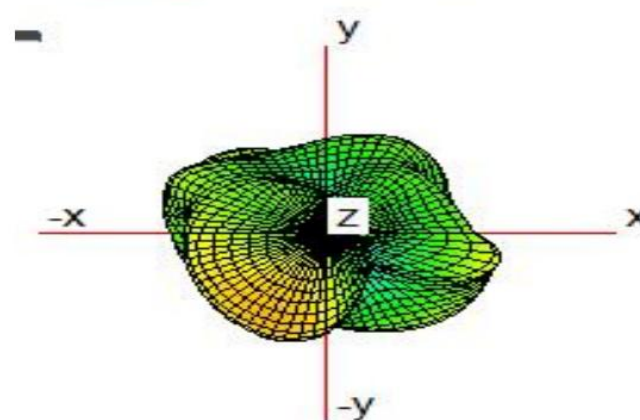
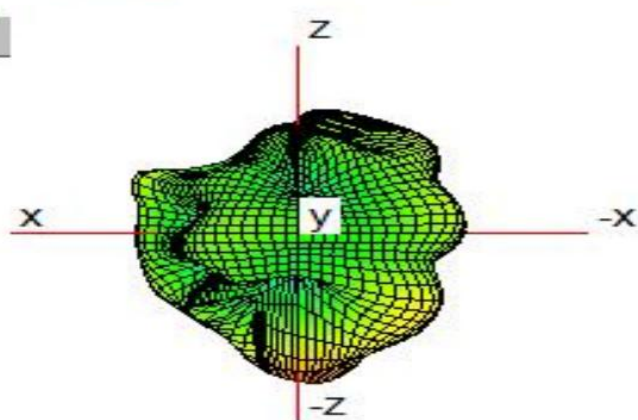
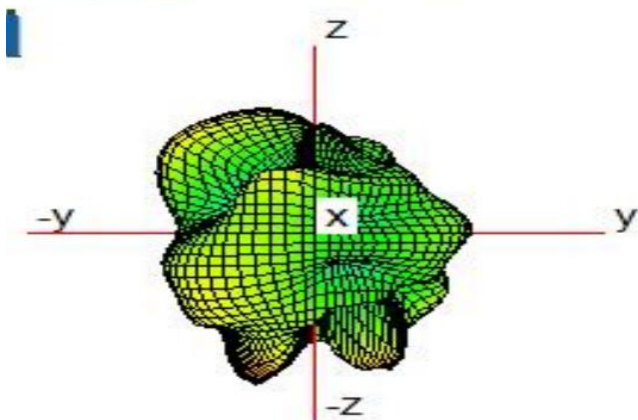
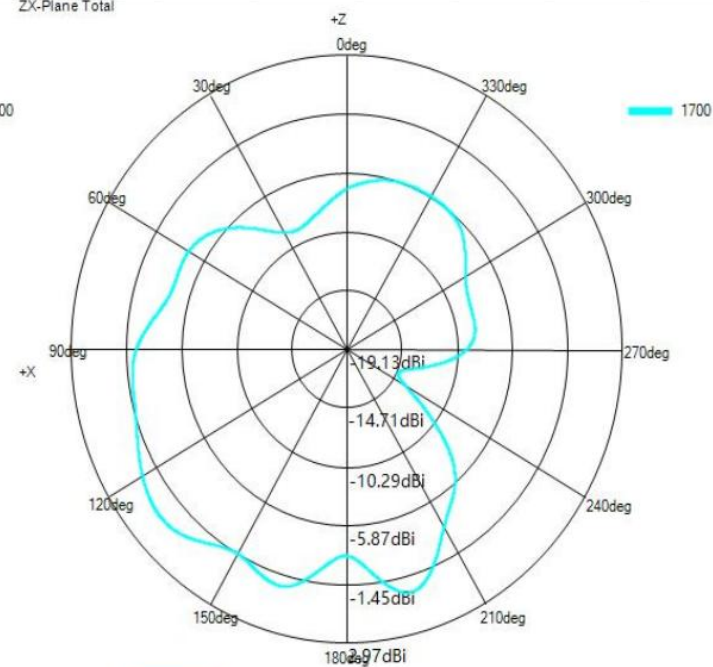
XY-Plane Total



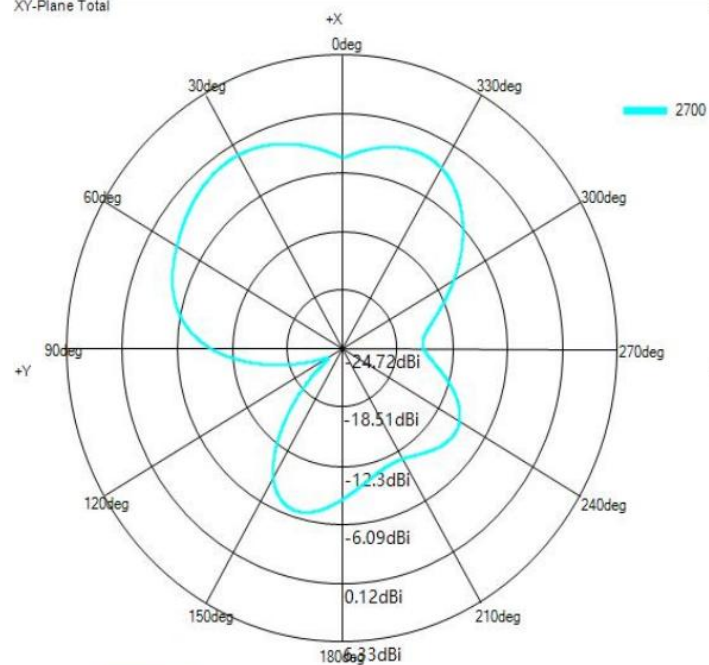
ZY-Plane Total



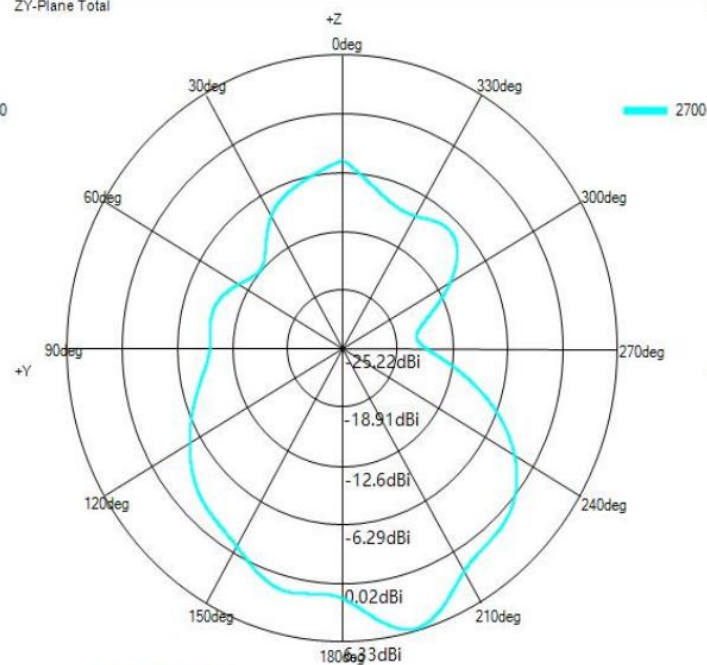
ZX-Plane Total



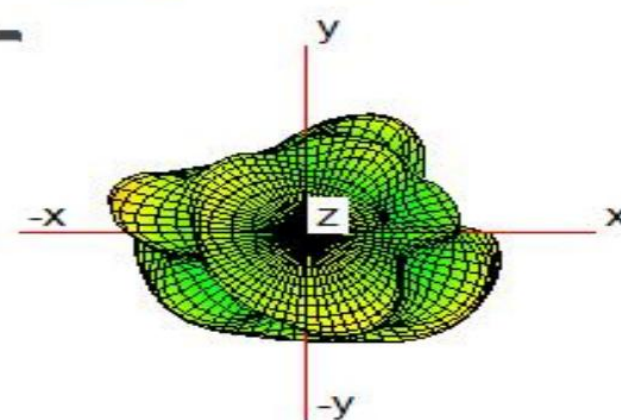
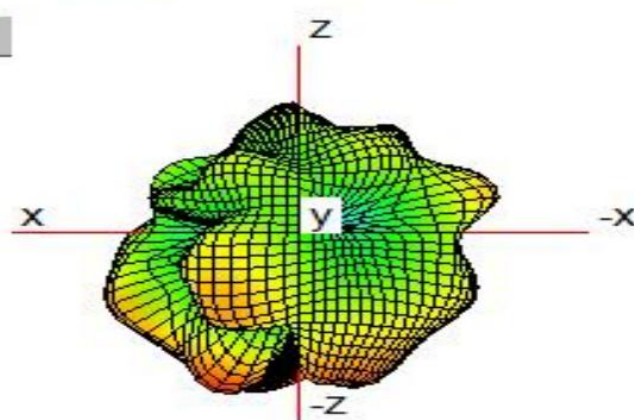
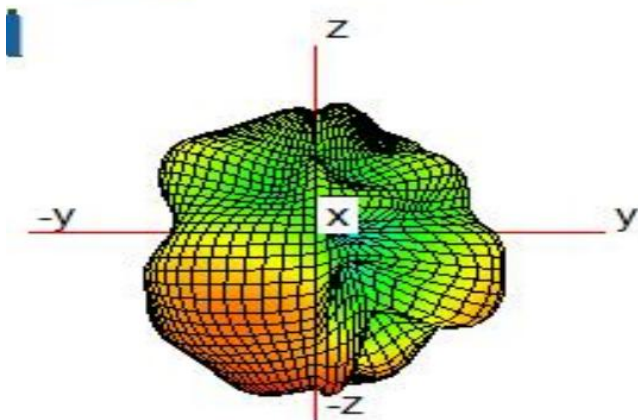
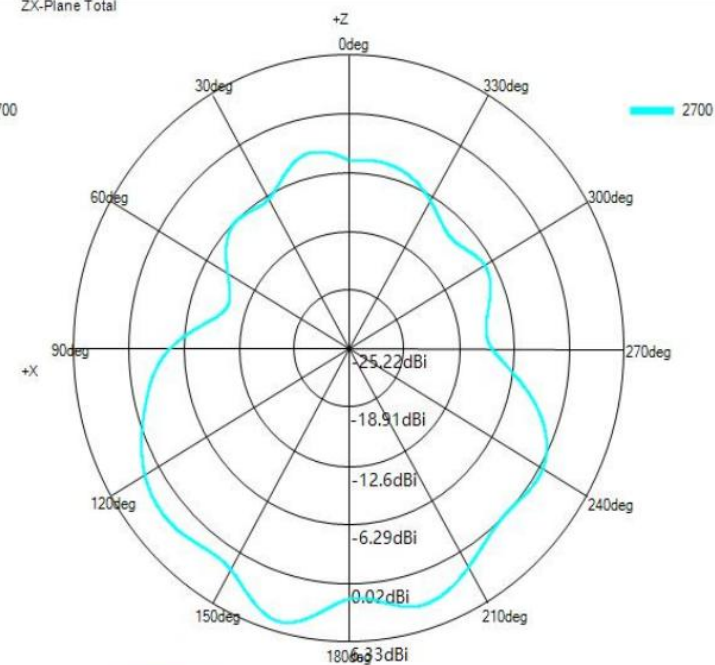
XY-Plane Total



ZY-Plane Total

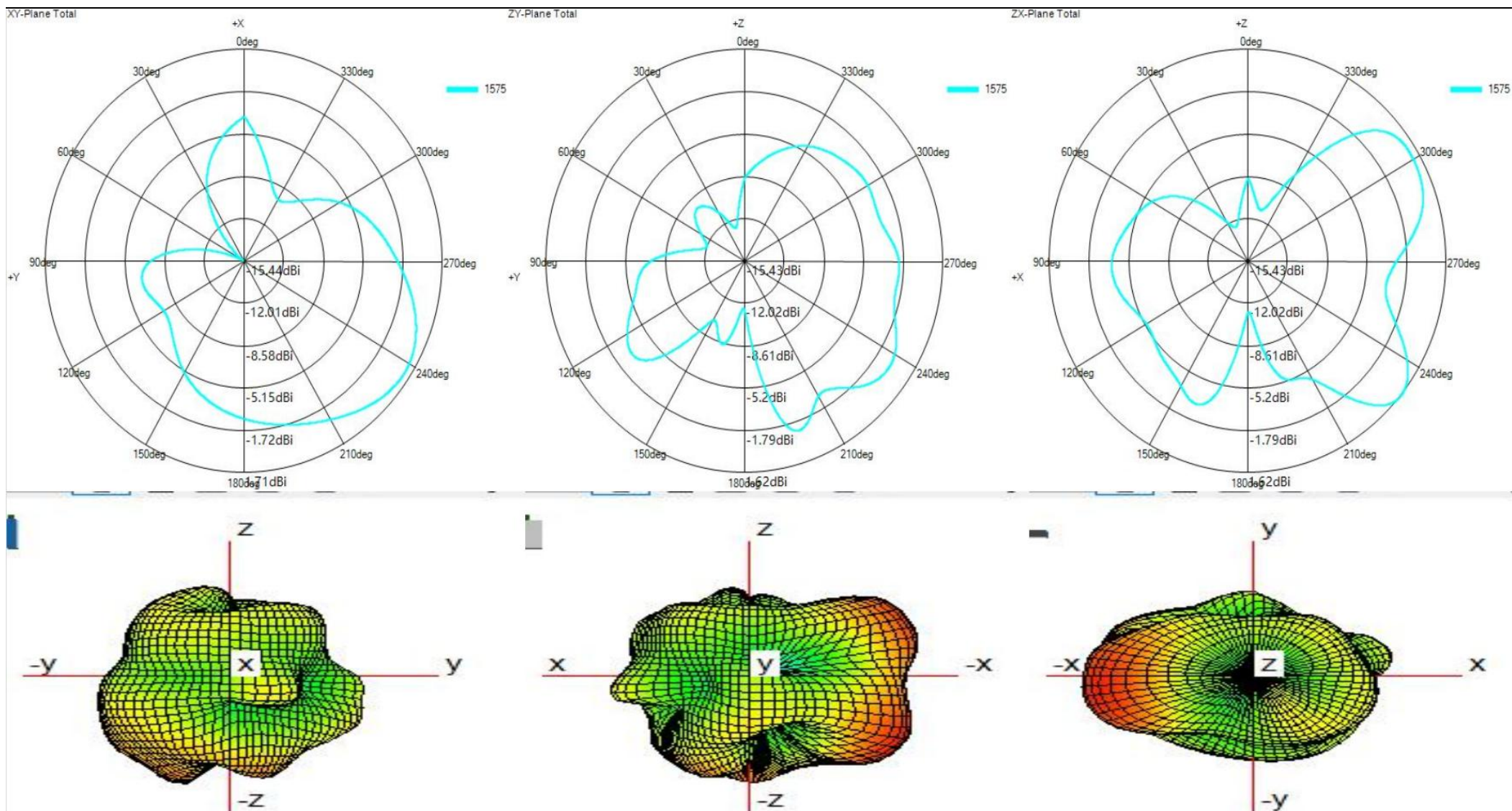


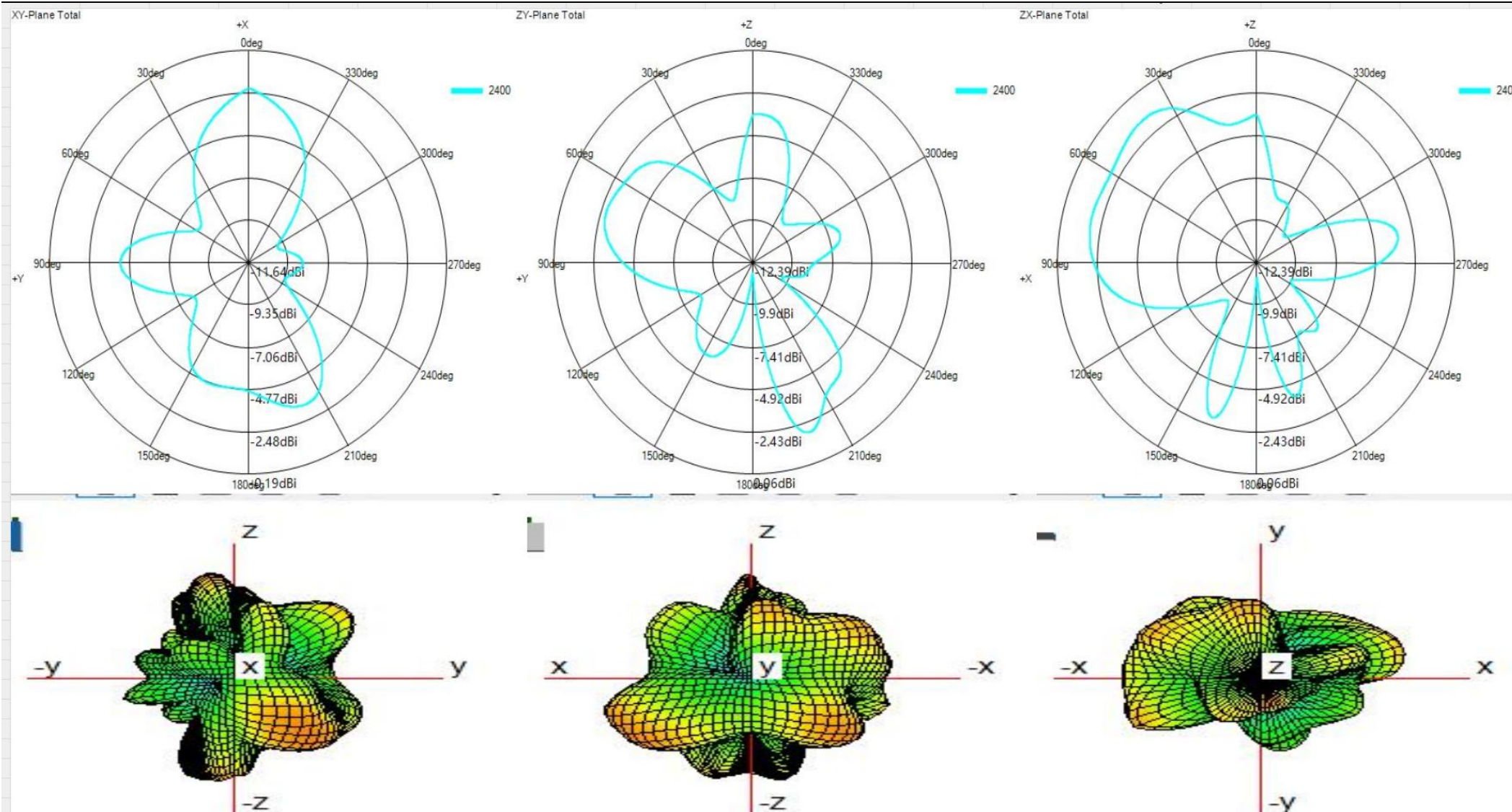
ZX-Plane Total

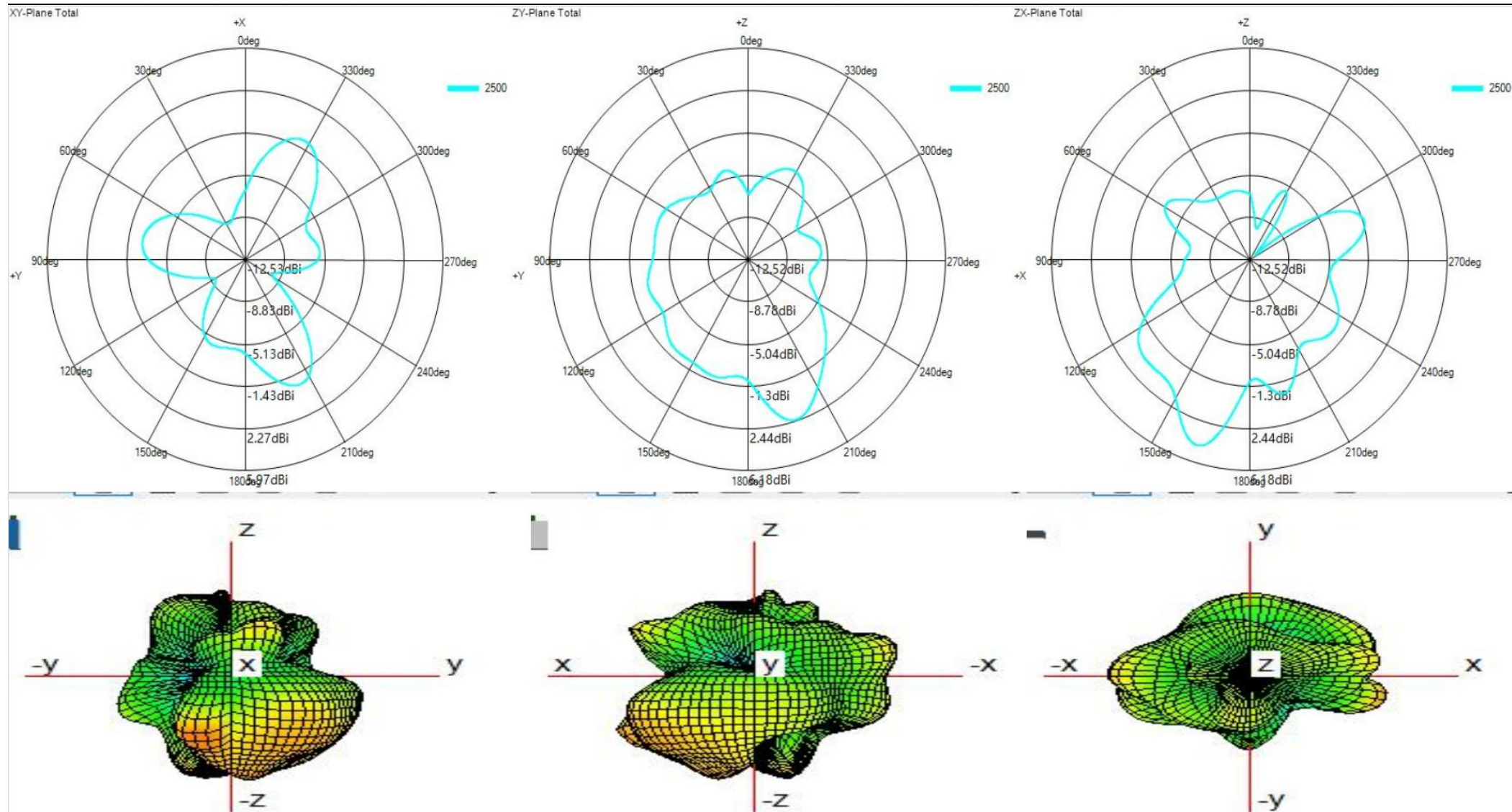


GPS/2.4GWIFI/BT:

Freq(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)	Freq(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
1565	1.22	-3.93	40.50	2400	-0.41	-5.29	29.61
1570	1.18	-3.96	40.15	2410	0.64	-4.90	32.36
1575	1.07	-4.03	39.56	2420	1.60	-4.49	35.57
1580	0.99	-4.14	38.56	2430	2.51	-4.18	38.19
1585	0.85	-4.26	37.51	2440	3.32	-3.78	41.89
				2450	4.09	-3.45	45.18
				2460	4.66	-3.25	47.34
				2470	5.05	-3.13	48.68
				2480	5.48	-3.01	49.95
				2490	5.75	-2.91	51.17
				2500	5.97	-2.81	52.37



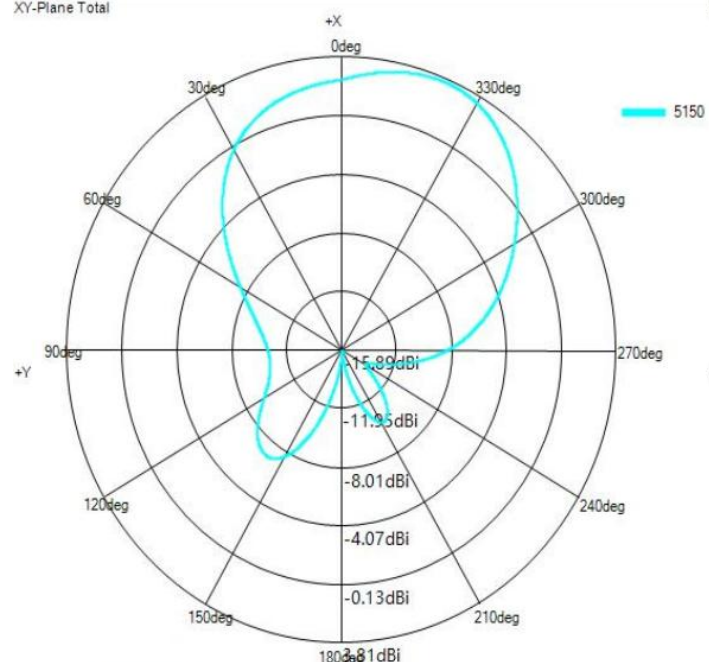




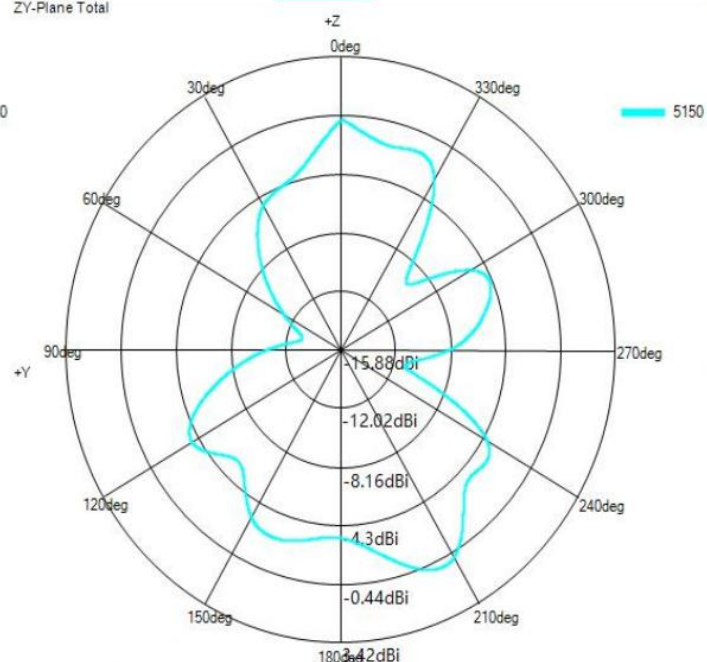
5G WIFI :

Freq (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
5150	3. 41	-2. 17	60. 62
5200	4. 41	-1. 14	76. 83
5250	4. 59	-1. 15	76. 67
5300	3. 28	-2. 58	55. 22
5350	3. 11	-2. 54	55. 78
5400	4. 63	-1. 06	78. 43
5450	3. 83	-1. 80	66. 06
5500	2. 34	-3. 08	49. 19
5550	2. 71	-2. 58	55. 26
5600	3. 26	-1. 60	69. 14
5650	2. 31	-2. 27	59. 29
5700	1. 25	-3. 32	46. 60
5750	1. 85	-2. 59	55. 09
5800	2. 08	-2. 33	58. 42
5850	1. 06	-3. 37	46. 05

XY-Plane Total



ZY-Plane Total



ZX-Plane Total

