

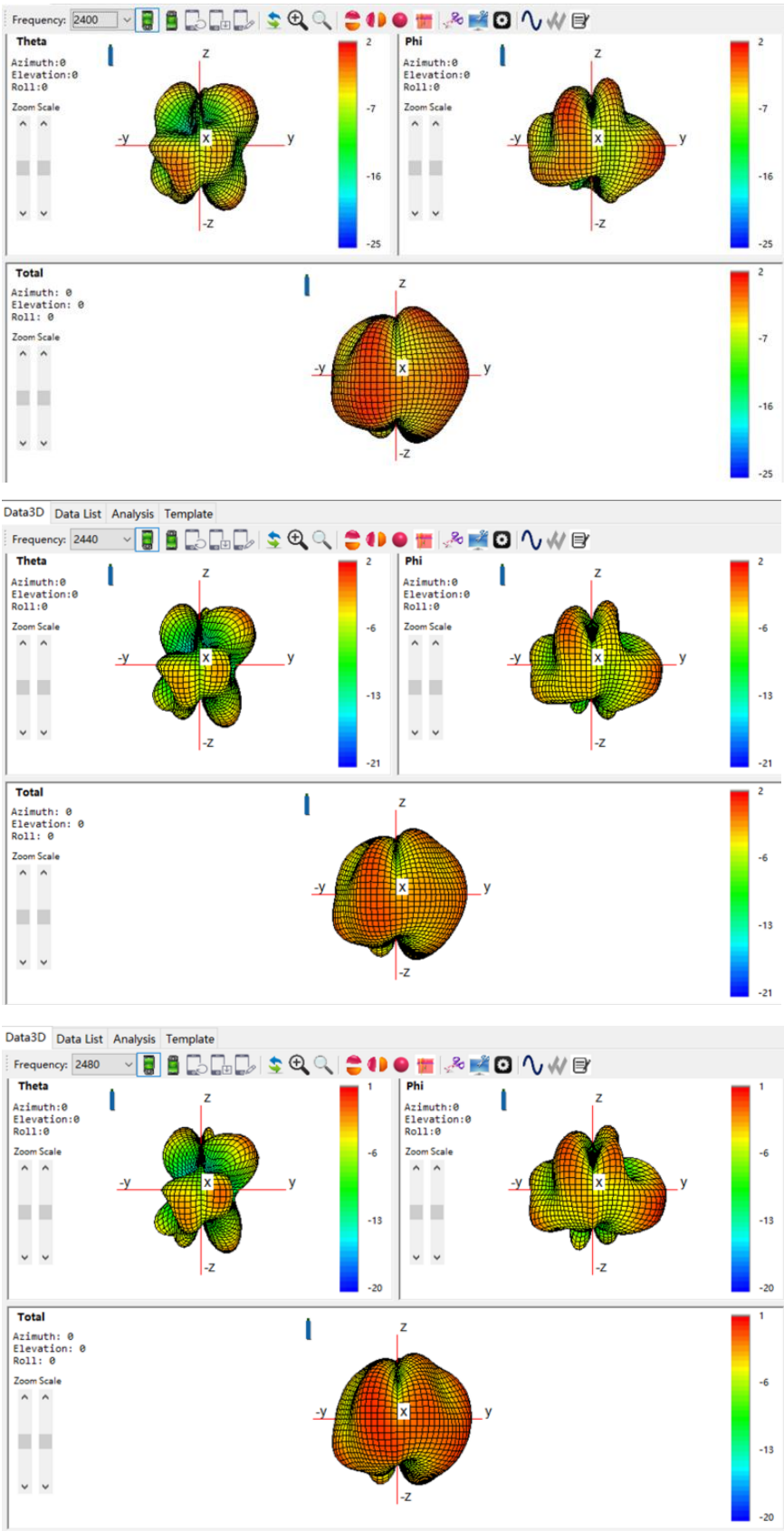
WiFi Antenna Specification

1. Manufacturer: SINAWELL Electronics(Shenzhen) Co., Ltd.
2. Address: 712-717, Block A Jinfulai Building, 49-1 Dabao Road, Xinnan 28th area, Baoan District, Shenzhen, China
3. Cable loss: 2.4G: -0.3dB 5G: -0.5dB
4. Gain: 2.4G: 1.41dBi 5G: 2.7dBi
5. Antenna type: PIFA
6. Data:

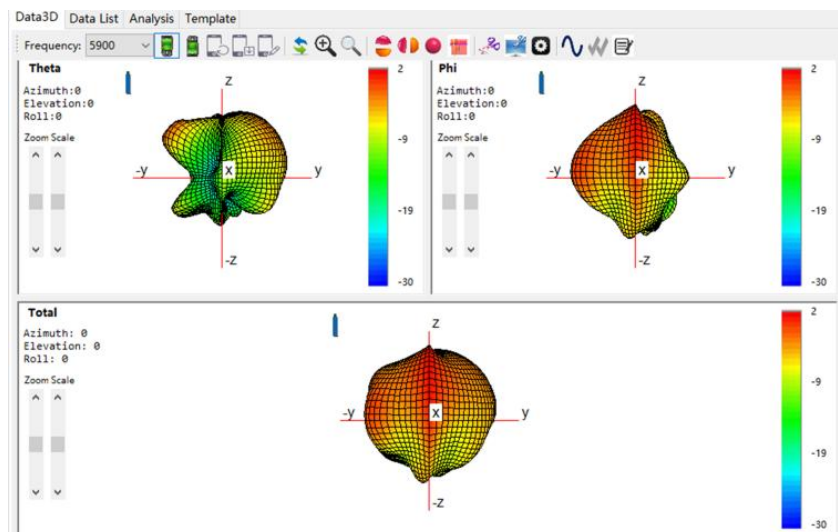
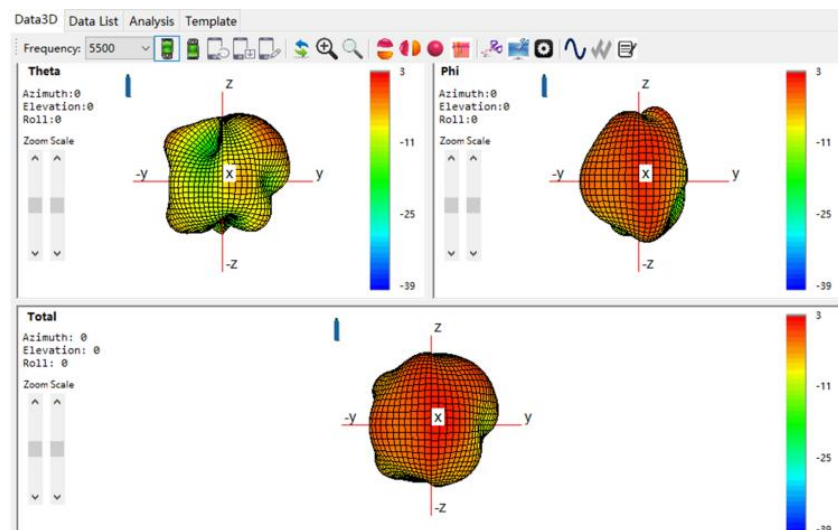
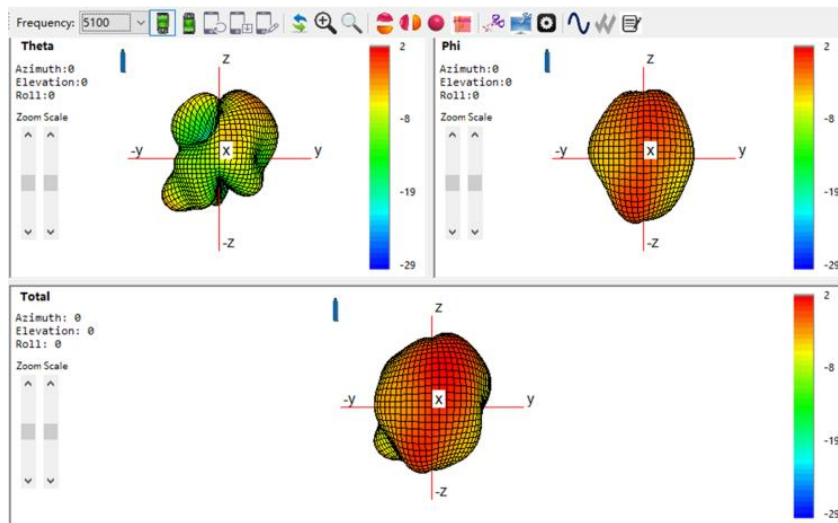
Freq	Efficiency_dB	Gain	Efficiency_Pcent
2400	-2.42	1.28	57.34
2410	-2.31	1.41	58.74
2420	-2.51	1.27	56.09
2430	-2.53	1.21	55.81
2440	-2.54	1.23	55.77
2450	-2.49	1.23	56.43
2460	-2.59	1.03	55.02
2470	-2.65	0.84	54.28
2480	-2.78	0.59	52.69
5100	-4.46	1.79	35.83
5150	-4.32	1.88	36.98
5200	-4.12	2.12	38.76
5250	-3.67	2.7	43
5300	-3.9	2.19	40.73
5350	-3.84	1.87	41.31
5400	-3.6	1.96	43.7
5450	-3.71	1.8	42.54
5500	-3.8	2.1	41.69
5550	-3.56	2.32	44.03
5600	-3.62	2.39	43.43
5650	-3.58	2.44	43.88
5700	-3.96	2.2	40.17
5750	-4.23	1.98	37.8
5800	-4.15	2.01	38.44
5850	-4.12	1.97	38.74
5900	-4.33	1.72	36.89

7.Radiation Pattern:

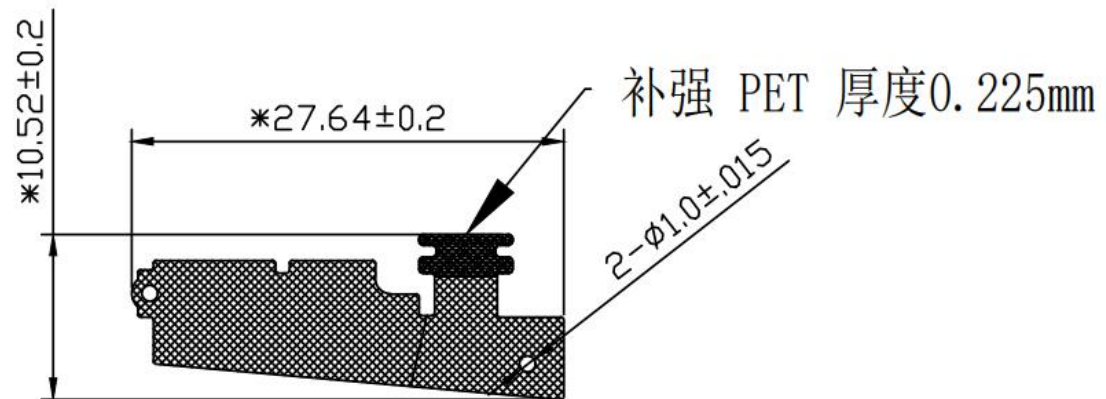
2.4G:



5G:



8. Antenna Pattern(27.64mm*10.52mm):

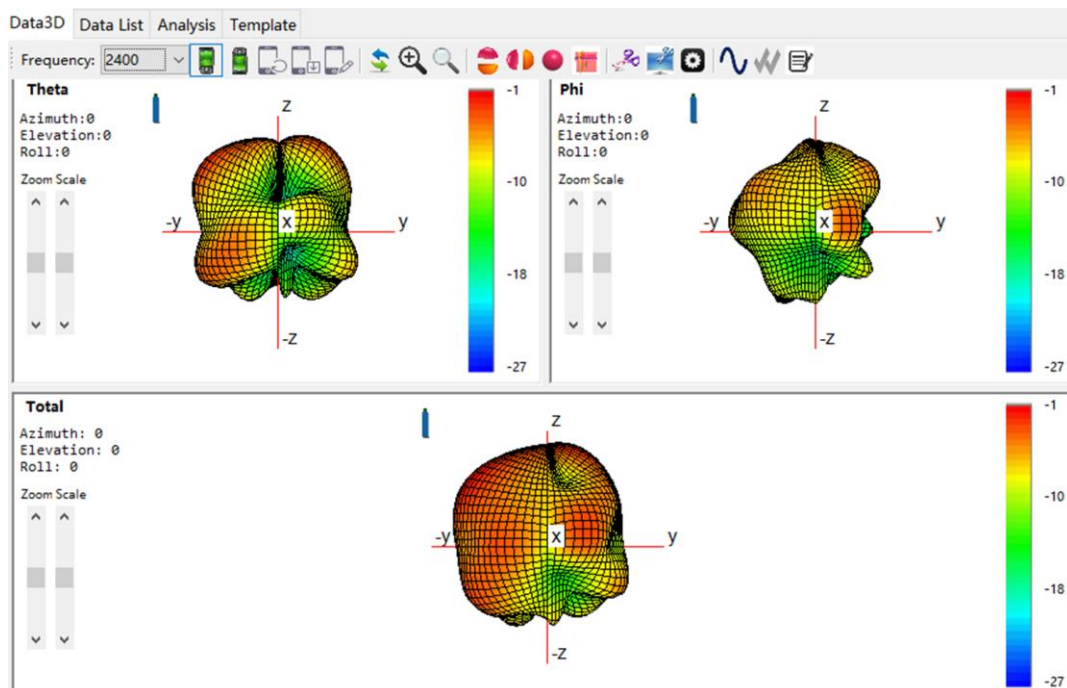


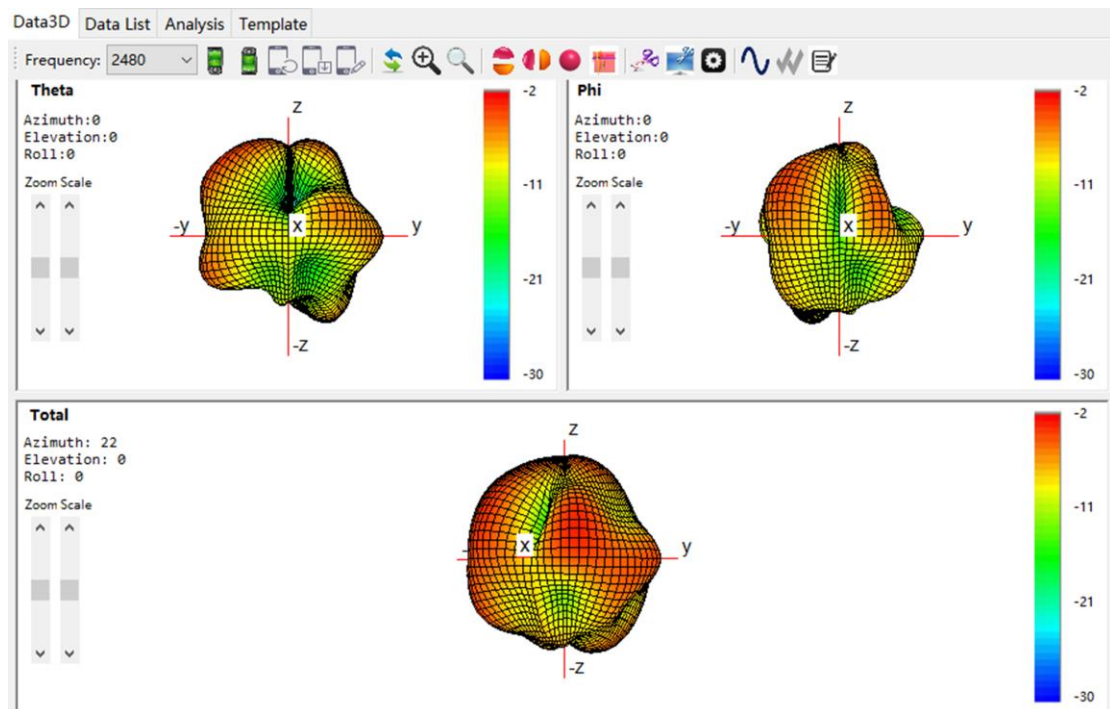
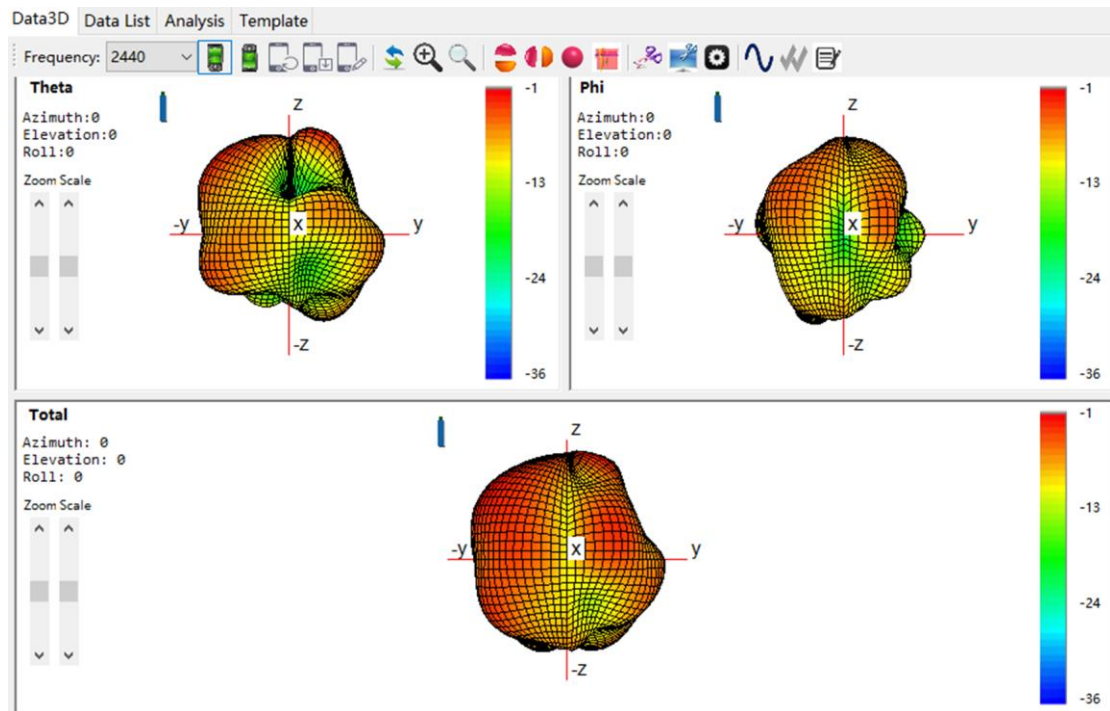
BT Antenna Specification

1. Manufacturer: CSCURVE ANTENNA TECHNOLOGY CO.,LTD.
2. Address: 305, building C,Xintang Smart Park,No.11,Zhongxing Road,Bantian street, Longgang District, Shenzhen
- 3.Cable loss:-0.4dB
- 4.Gain:-1.1dBi
- 5.Antenna type:PIFA
- 6.Data:

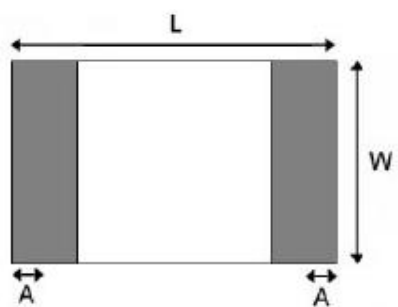
Freq	Efficiency_dB	Gain	Efficiency_Pcent
2400	-5.22	-1.31	30.06
2410	-4.93	-1.1	32.11
2420	-5.03	-1.29	31.39
2430	-5.11	-1.42	30.85
2440	-5.22	-1.53	30.04
2450	-5.35	-1.89	29.2
2460	-5.63	-2.27	27.33
2470	-5.84	-2.54	26.06
2480	-6.13	-2.97	24.4

7.Radiation Pattern:





8. Antenna Pattern (2.0mm*1.2mm):



L	W	H	A
2.0 ± 0.3	1.2 ± 0.3	0.55 ± 0.1	0.3 ± 0.1