

Antenna Specification

Frequency Range of operation:

- Wi-Fi: 2.4 to 2.48 GHz and 5.15 to 5.85 GHz
- Bluetooth (2.4 GHz): 2.4 to 2.48 GHz
- Antenna Manufacturer: Welletronics Communication Technology Limited
- Address: Room 110, Building 5, Phase III, Jinhe Yuejie Nanxiang Real Estate, No. 1101 Huyi Road, Jiading District, Shanghai
- Antenna Model: AY7081A_WIFI_WTT V1.0

Antenna Types:

- FPC



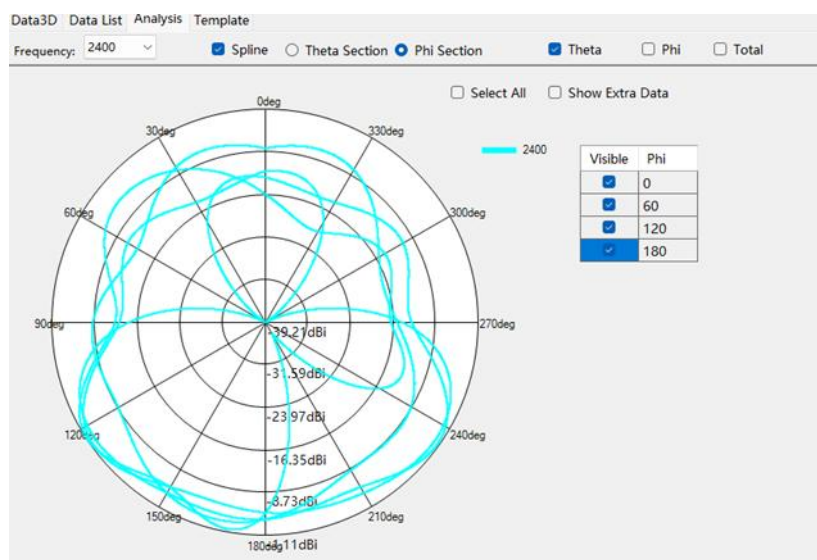
(Sample schematic diagram, for reference only, subject to the final antenna)

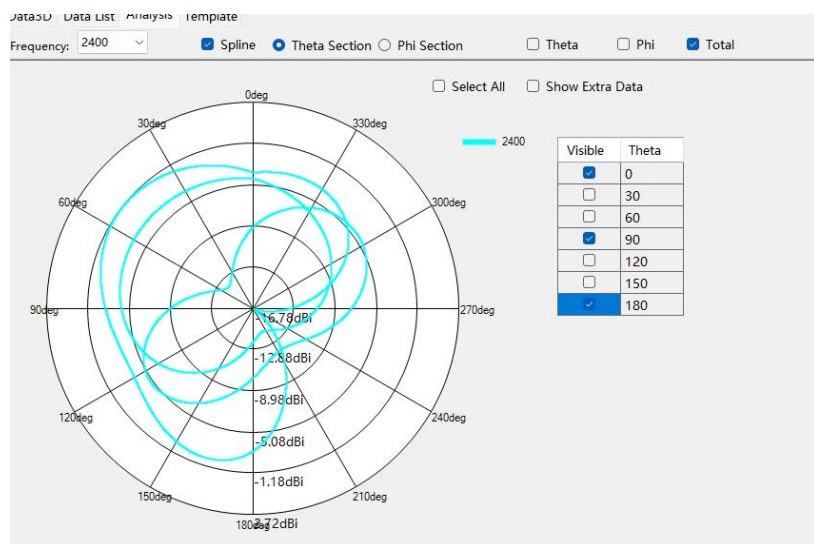
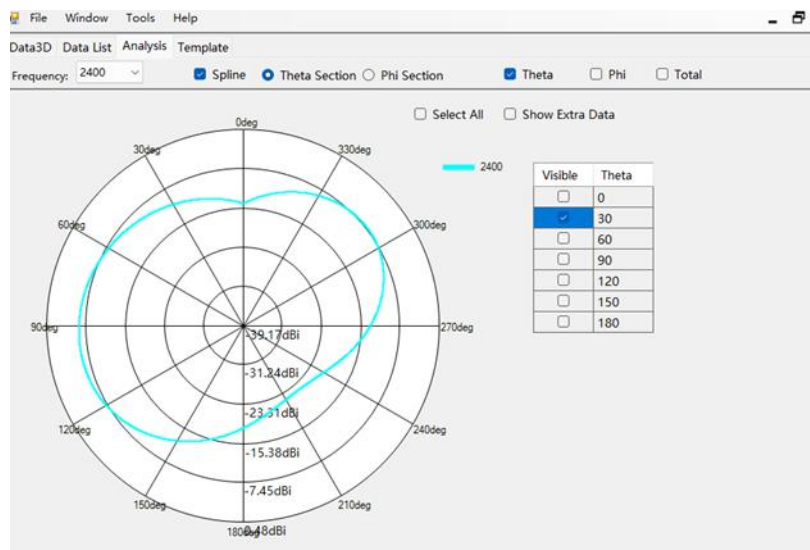
Antenna passive gain and efficiency:

Freq (MHz)	Efficiency_dB	Gain	Efficiency (%)
2400	-3.07	2.59	49.32%
2410	-3.1	2.5	48.98%
2420	-3.18	2.27	48.08%
2430	-3.3	2.13	46.77%
2440	-3.27	2.27	47.10%
2450	-3.31	2.27	46.67%
2460	-3.37	2.43	46.03%
2470	-3.21	2.18	47.75%
2480	-3.12	2.14	48.75%
2490	-3.02	2.13	49.89%
2500	-3.15	2.05	48.42%
5150	-3.32	5.68	46.56%
5200	-3.39	5.98	45.81%

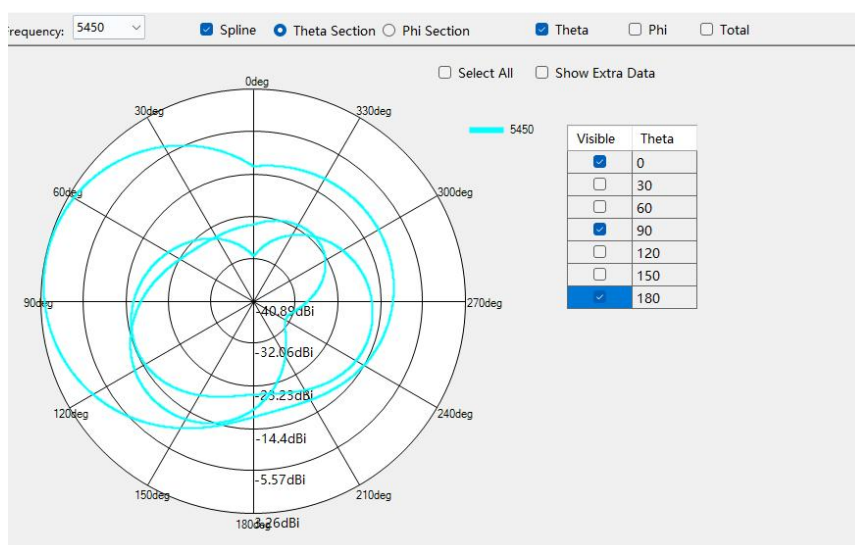
5250	-3.37	5.94	46.03%
5300	-3.6	6.17	43.65%
5350	-3.54	6.18	44.26%
5400	-3.49	5.58	44.77%
5450	-3.5	5.71	44.67%
5500	-3.56	5.83	44.06%
5550	-3.24	5.96	47.42%
5600	-3.16	5.86	48.31%
5650	-3.28	5.96	46.99%
5700	-3.2	5.92	47.86%
5750	-3.09	6.26	49.09%
5800	-2.98	6.33	50.35%
5850	-3.13	6.27	48.64%

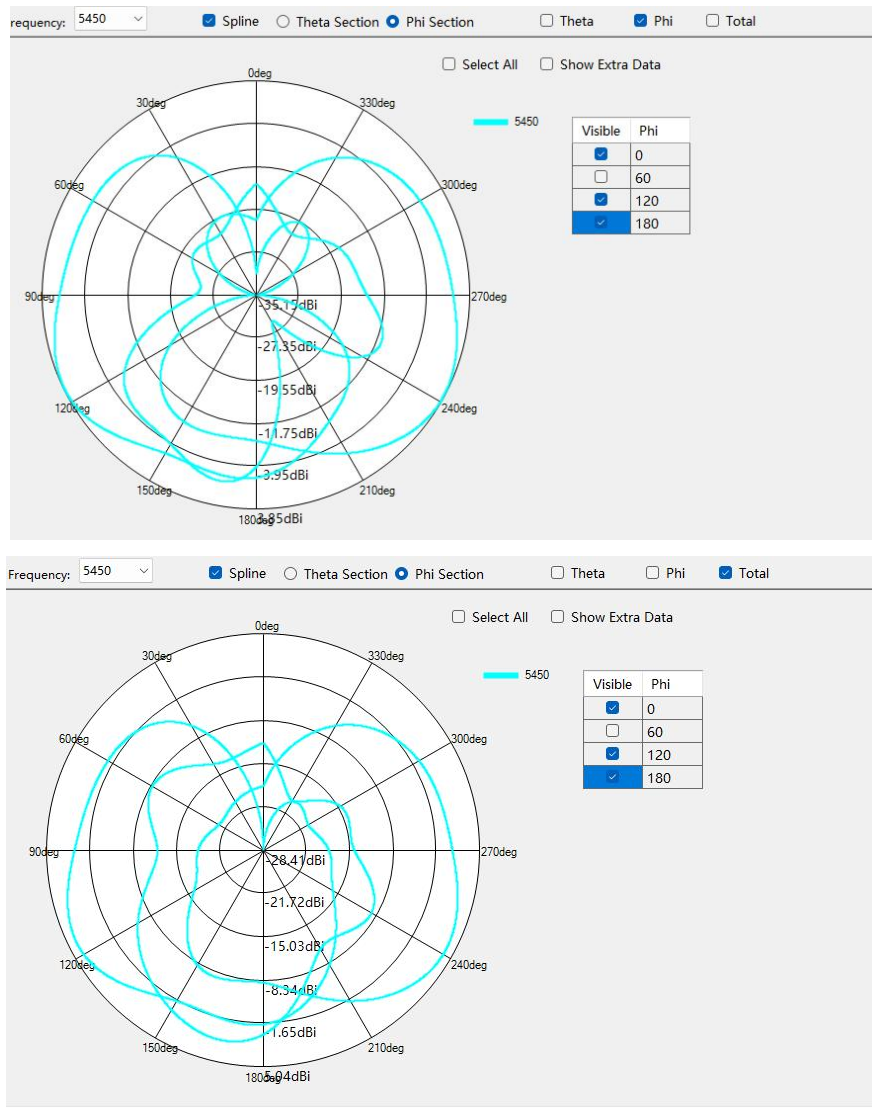
2D diagram of antenna radiation——2.4G





2D diagram of antenna radiation——5G





3D diagram of antenna radiation:

