

Antenna Specification

Model: SA2105_WIFI_2_V0.6_0621-YFT

Brand: Futen Technology (ShangHai) Co.,LTD.

Manufacturer: Futen Technology (ShangHai) Co.,LTD.

1. Antenna describe:

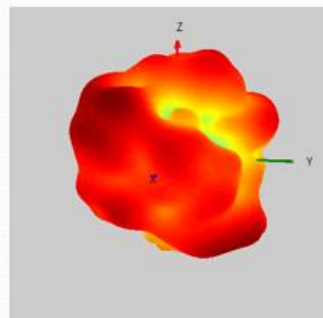
Antenna Model: SA2105_WIFI_1_V0.6_0621-YFT

Antenna plate: Built-in FPC antenna

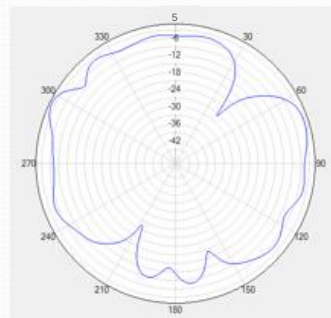
Frequency range: 2.4~2.5GHz, 5.15~5.85GHz

Connector type: FPC+Cable

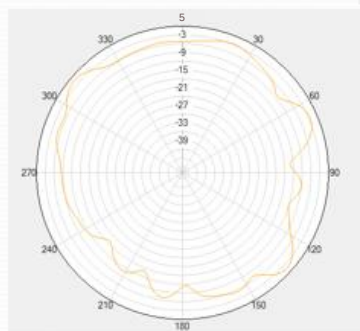
2. Radiation pattern 2.4GWIFI/5GWIFI



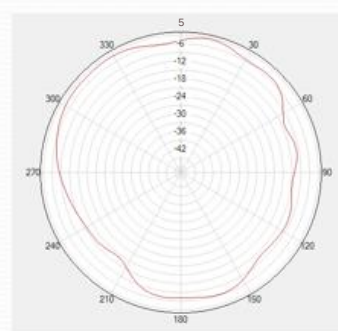
2450MHz



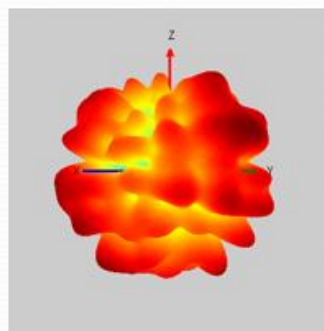
E1



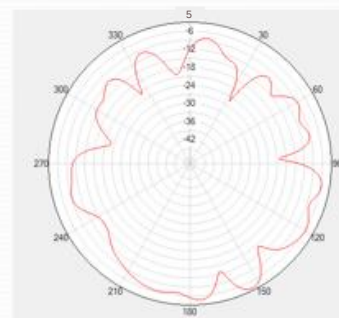
E2



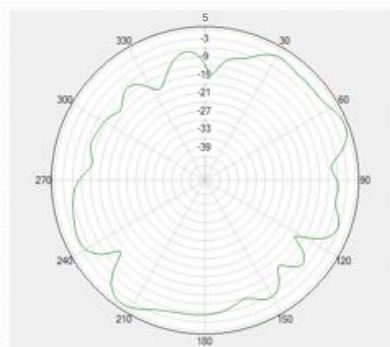
H



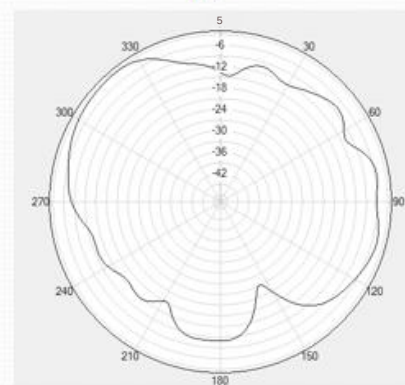
5500MHz



E1



E2



H

3. Gain&Efficiency

Gain&Efficiency			Gain&Efficiency		
frequency (MHz)	gain (dBi)	efficiency (%)	frequency (MHz)	gain (dBi)	efficiency (%)
2400	2.15	42.41	5200	2.83	28.51
2410	2.07	41.56	5250	2.7	28.47
2420	1.54	40.79	5300	3.18	30.49
2430	1.68	39.81	5350	3.33	31.63
2440	1.84	40.72	5400	3.8	34.99
2450	2.14	39.51	5450	4.42	40.41
2460	2.65	41.94	5500	4.12	35.85
2470	2.69	40.41	5550	4.16	36.81
2480	2.92	40.17	5600	3.8	36.70
2490	2.95	40.55	5650	3.36	37.72
2500	2.87	39.19	5700	3.28	38.58
			5750	2.78	34.17
			5800	3.14	34.95
			5850	2.76	31.41
			5900	2.74	30.86

4. Antenna structure drawing

