

Antenna Specification

Model: SA2105_WIFI_1_V0.6_0621-YFT

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

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

1. Antenna describe:

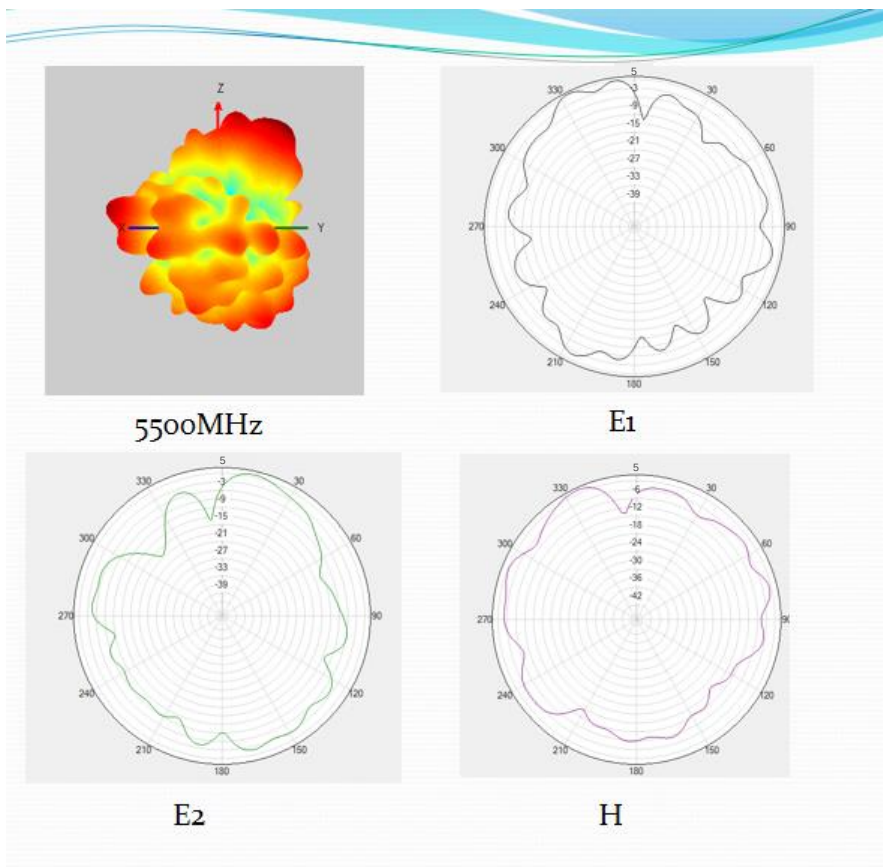
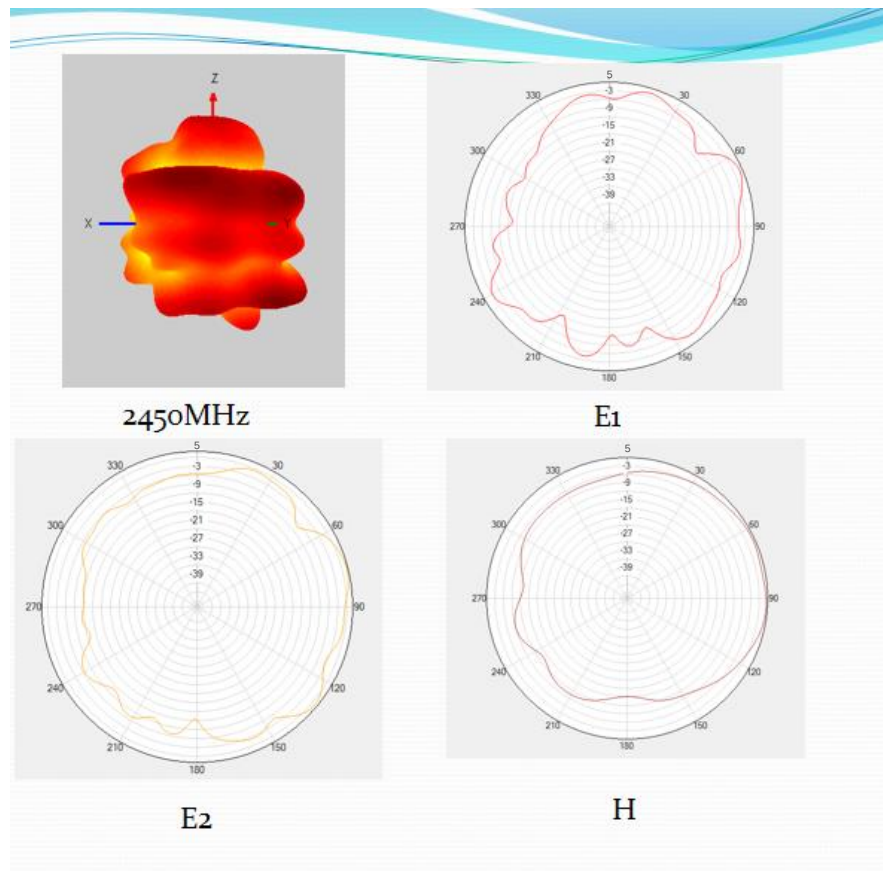
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Antenna plate: Built-in FPC antenna

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

Connector type: FPC+Cable

2. Radiation pattern 2.4GWIFI/5GWIFI



3. Gain&Efficiency

Gain&Efficiency			Gain&Efficiency		
frequency (MHz)	gain (dBi)	efficiency (%)	frequency (MHz)	gain (dBi)	efficiency (%)
2400	2.72	42.95	5200	3.35	26.22
2410	2.77	42.88	5250	2.94	27.67
2420	2.54	41.26	5300	3.6	26.45
2430	2.51	42.24	5350	4.3	29.27
2440	2.76	43.35	5400	4.88	35.17
2450	3.19	44.73	5450	5.13	41.13
2460	3.68	46.71	5500	4.15	36.90
2470	3.79	46.15	5550	3.31	37.50
2480	3.99	46.61	5600	2.92	35.90
2490	3.79	43.46	5650	2.58	32.81
2500	3.83	43.17	5700	2.6	29.05
			5750	1.95	26.74
			5800	2.48	27.48
			5850	2.61	26.31
			5900	2.18	25.21

4. Antenna structure drawing

