

Antenna Datasheet

Product Name: BT/WIFI FPC Antenna

Frequency Range: 2400–2500 MHz, 5150–5855 MHz

Product Name: XQT426-WIFI-V1.0

Manufacturer: Kunshan Innowave Communication Technology Co., LTD.

1. Radiation Performance Test

1.1 Efficiency



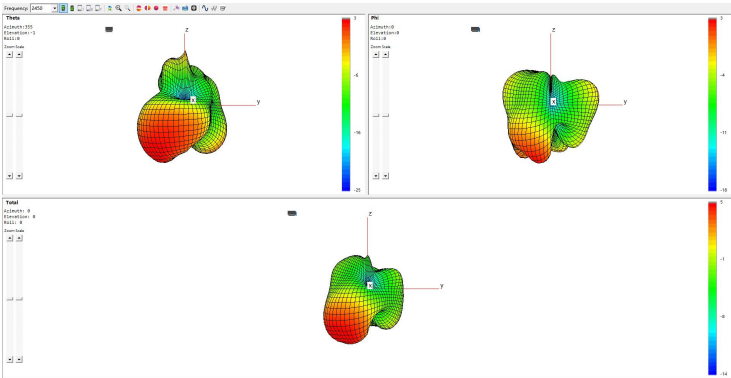
1.2 Peak Gain

frequency(MHz)	Efficiency(dB)	Gain(dBi)	Efficiency(%)
2400	-3.23	1.25	47.53
2410	-3.12	1.75	48.75
2420	-3.06	0.86	49.43
2430	-2.84	1.64	52.00
2440	-2.74	2.02	53.21
2450	-2.85	1.99	51.88
2460	-2.81	1.66	52.36
2470	-3.08	1.40	49.20
2480	-3.01	1.44	50.00
2490	-3.28	1.20	46.99
2500	-3.29	0.98	46.88

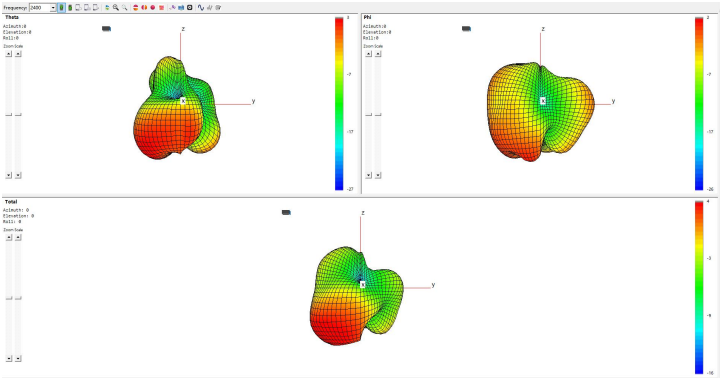
frequency(MHz)	Efficiency(dB)	Gain(dBi)	Efficiency(%)
5150	-5.17	-0.59	30.41
5200	-4.91	0.37	32.28
5250	-4.78	1.04	33.27
5300	-4.52	1.24	35.32
5350	-4.69	1.03	33.96
5400	-4.43	1.12	36.06
5450	-4.57	0.98	34.91
5500	-4.03	2.24	39.54
5550	-3.78	2.34	41.88
5600	-3.94	1.74	40.36
5650	-3.61	2.29	43.55
5700	-4.48	2.11	35.65
5750	-4.09	2.00	38.99
5800	-3.82	2.21	41.50
5850	-4.79	2.02	33.19

1.3 3D field pattern diagram

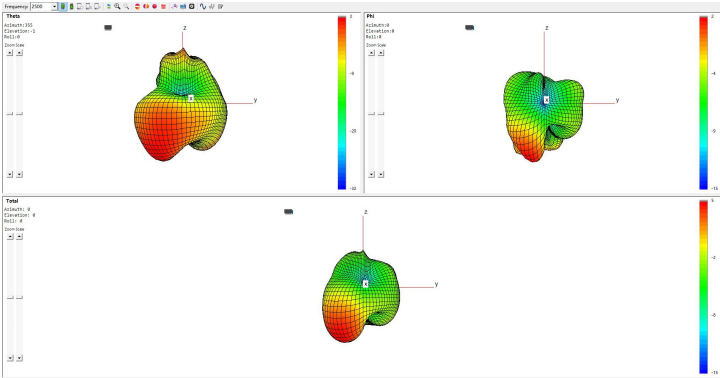
2.4GHz



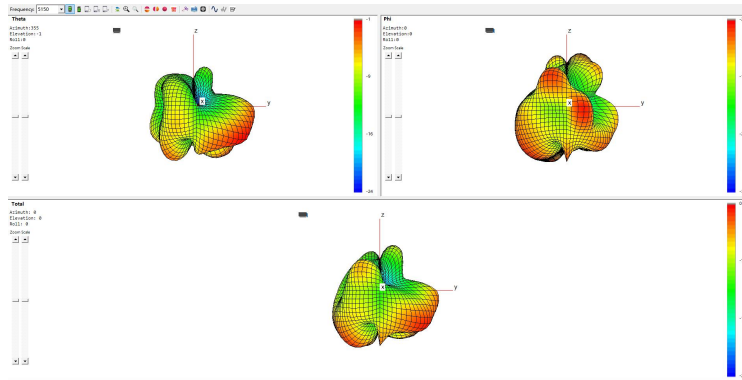
2.45GHz



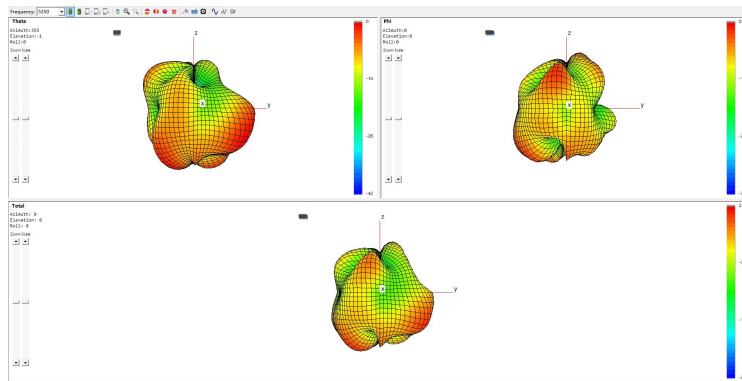
2.5GHz



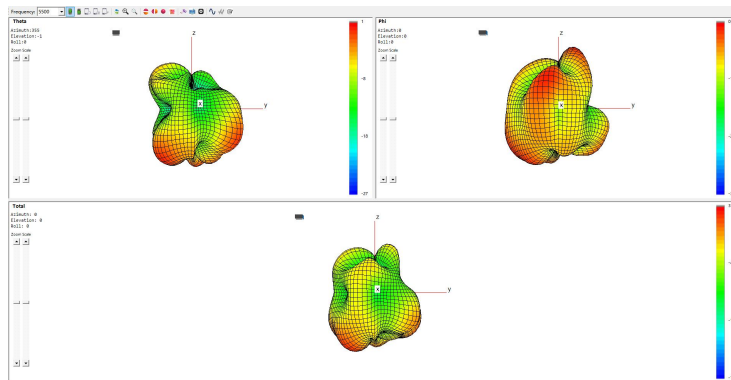
5.15GHz



5.35GHz



5.5GHz



5.85GHz

