

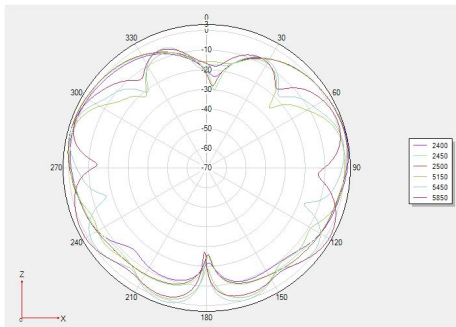
Specification

Antenna	
Working Frequency	2402MHz to 2480MHz Band 1: 5150MHz ~ 5250MHz Band 2A: 5250MHz ~ 5350MHz Band 2C: 5470MHz ~ 5725MHz Band 3: 5725MHz ~ 5850MHz 2412MHz to 2462MHz
Impedance	50 Ω
Max Gain	4.84dBi

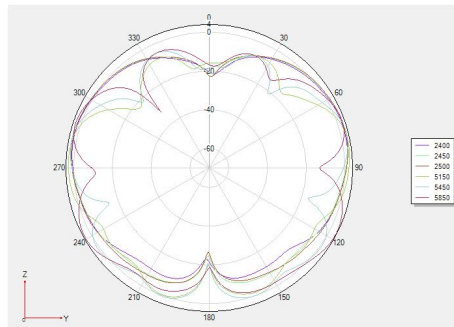
2D、3D Test Data(2.4G/5G):

Frequency	Efficiency (%)	Gain. (dBi)
2400MHz	56.89	4.80
2410MHz	59.43	4.84
2420MHz	59.02	4.54
2430MHz	58.61	4.54
2440MHz	59.02	4.64
2450MHz	61.24	4.67
2460MHz	61.81	4.73
2470MHz	59.02	4.64
2480MHz	60.95	4.74
2490MHz	58.48	4.63
2500MHz	59.02	4.56
5150MHz	56.61	4.59
5250MHz	56.87	4.84
5350MHz	56.88	4.13
5450MHz	57.87	4.64
5550MHz	58.08	4.84
5650MHz	58.75	3.56
5750MHz	58.75	4.73
5850MHz	60.67	4.84

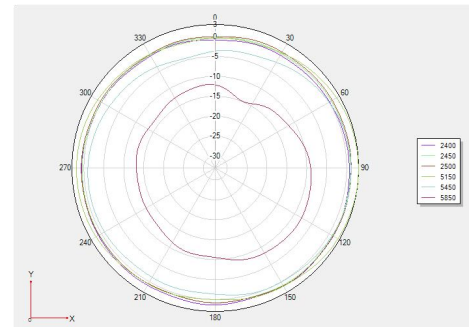
Phi 0 2D



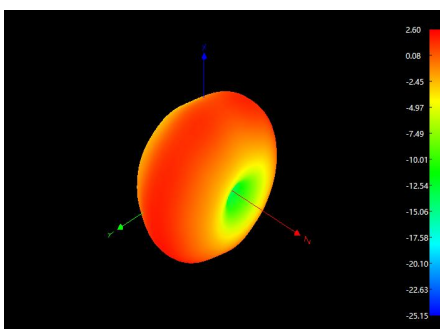
Phi 90 2D



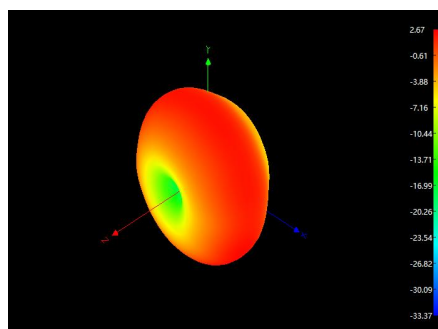
Theta 90 2D



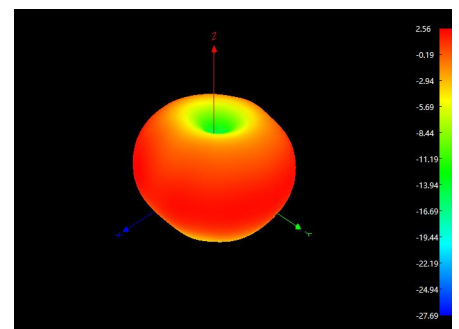
3D 2400



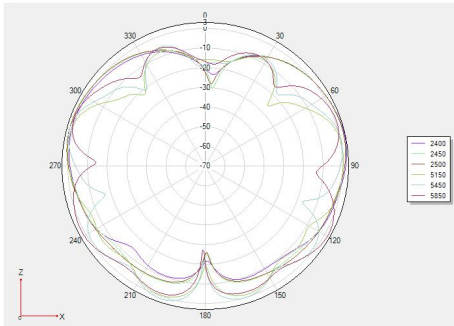
3D 2450



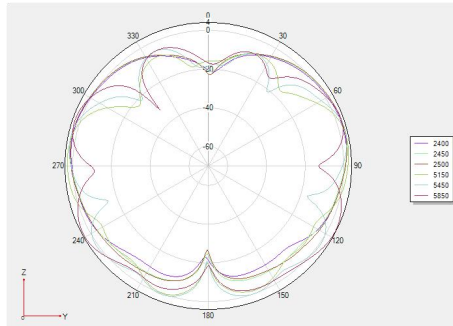
3D 2500



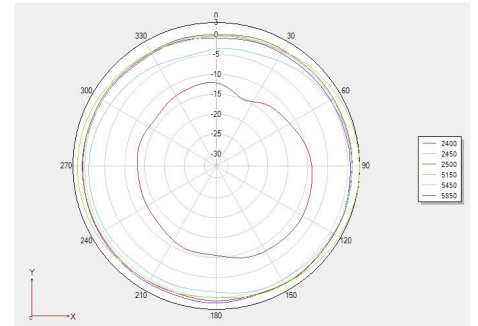
Phi 0 2D



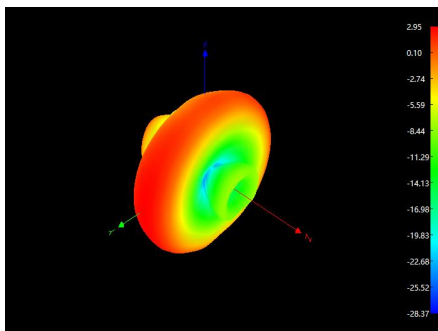
Phi 90 2D



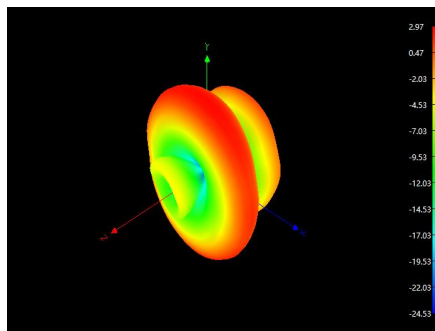
Theta 90 2D



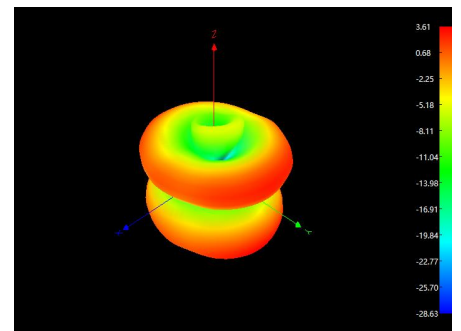
3D 5150



3D 5550



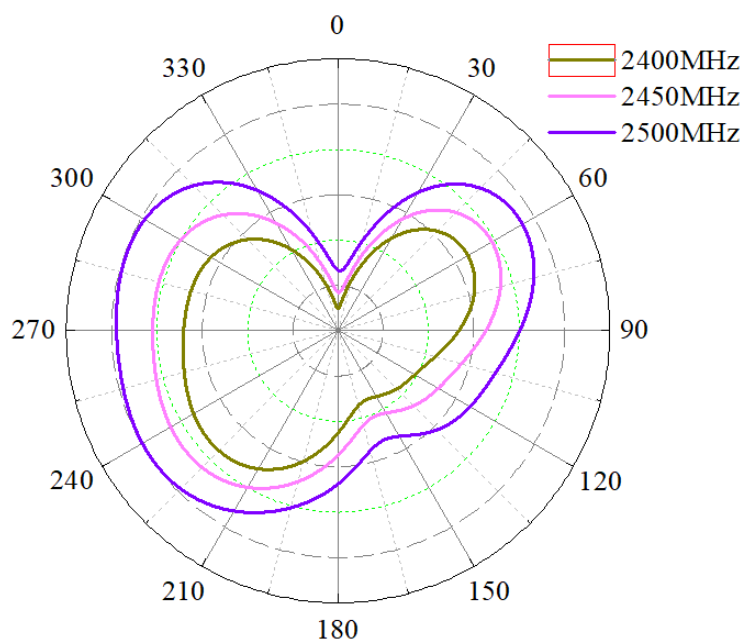
3D 5850



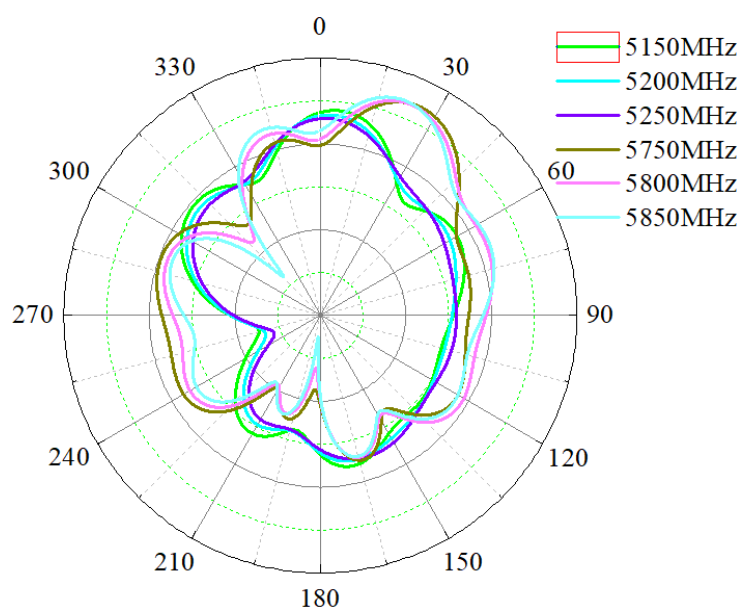
➤ Antenna Performance

表 2 Antenna efficiency

频点(MHz)	2400	2450	2500	5150	5200	5250	5300
效率(%)	24	28	52	44	64	63	65
频点(MHz)	5400	5500	5600	5700	5750	5800	5850
效率(%)	63	54	41	33	34	35	32



(a) 2.4GWi-Fi / B T Antenna Radiation Pattern



(b) 5.2/5.8GWi-Fi Antenna Radiation Pattern

➤ **Structural dimensions (dimensional tolerance $\pm 0.2\text{mm}$)**

