

Designer: SHENZHEN Chuangwei-RGB ELECTRONICS CO.,LTD.
Address: Skyworth Science Industrial Park, Tangtou Industrial Zone, Shiyan Town, Baoan District, Shenzhen, China.

- 1: Antenna model: Inverted F antenna (IFA)
- 2: Antenna type: PCB antenna
- 3: Gain: 2.5dBi / 4dBi
- 4: The antenna is shown in Figure 1
- 5: Model: N012102-02

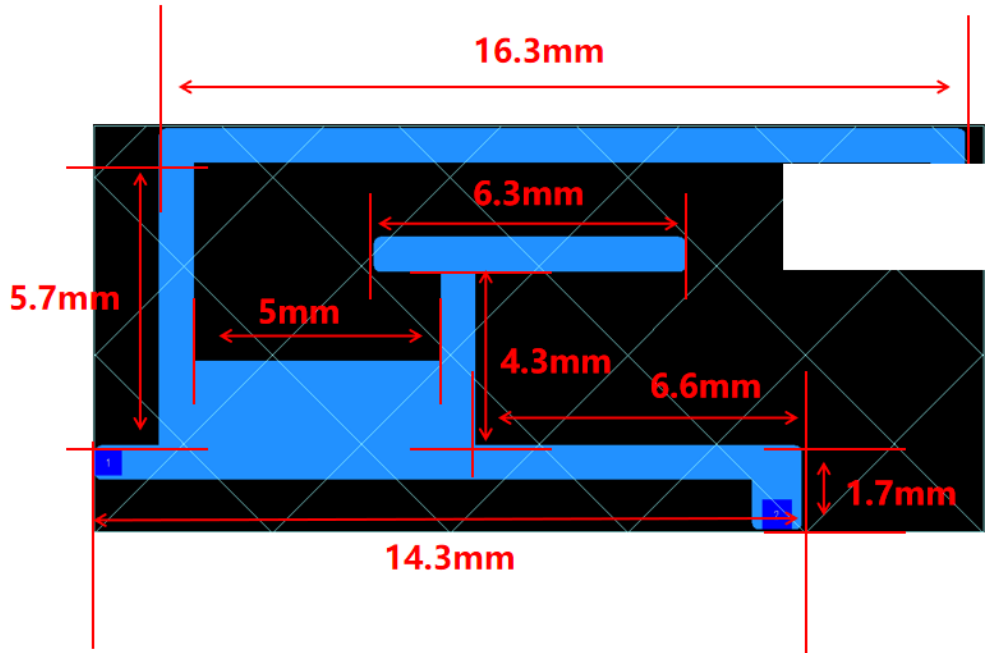


Figure 1

6: Antenna Efficiency and Gain

Antenna	Freq (MHz)	Effi (%)	Gain (dBi)
	2400	46.38	2.11
	2410	47.39	2.25
	2420	48.96	2.46
	2430	49.87	2.32
	2440	51.35	2.39
	2450	51.59	2.42
	2460	51.33	2.31
	2470	51.08	2.01

2480	50.77	2.08
2490	47.39	2.25
2500	45.68	1.89
5200	48.19	3.59
5250	49.41	3.12
5300	55.52	3.34
5350	55.81	3.79
5400	51.31	3.68
5450	56.67	4.03
5500	62.31	4.19
5550	55.38	3.41
5600	58.50	3.95
5650	57.81	3.73
5700	55.03	3.72
5750	55.05	3.26
5800	55.00	3.94

7: The antenna performance is shown in Figure 2. The working frequency band covers the entire 2.4G/5G ISM frequency band.

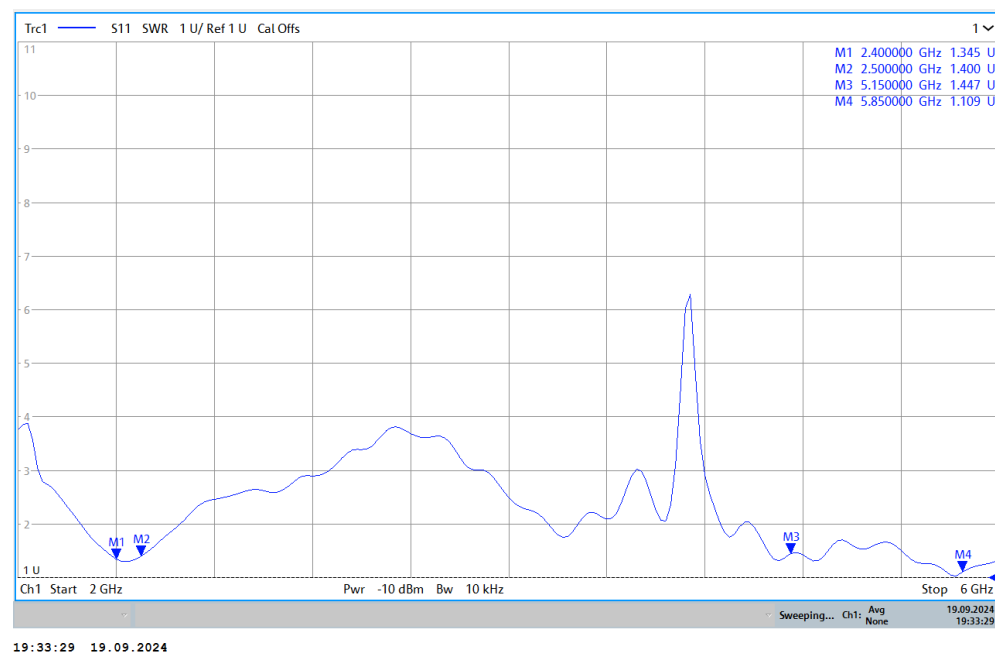
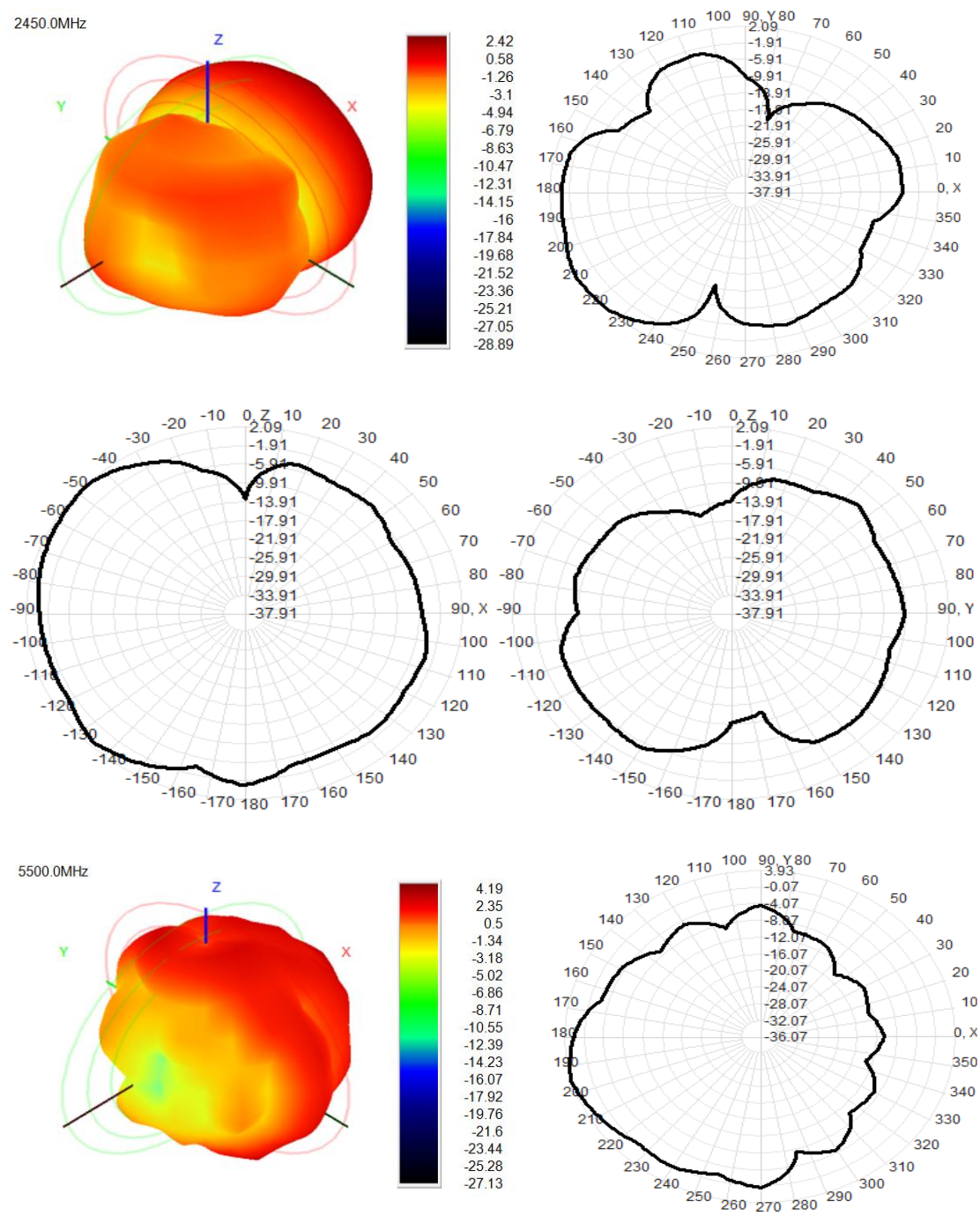


Figure 2

8: 3D antenna gains are shown in Figures 3:



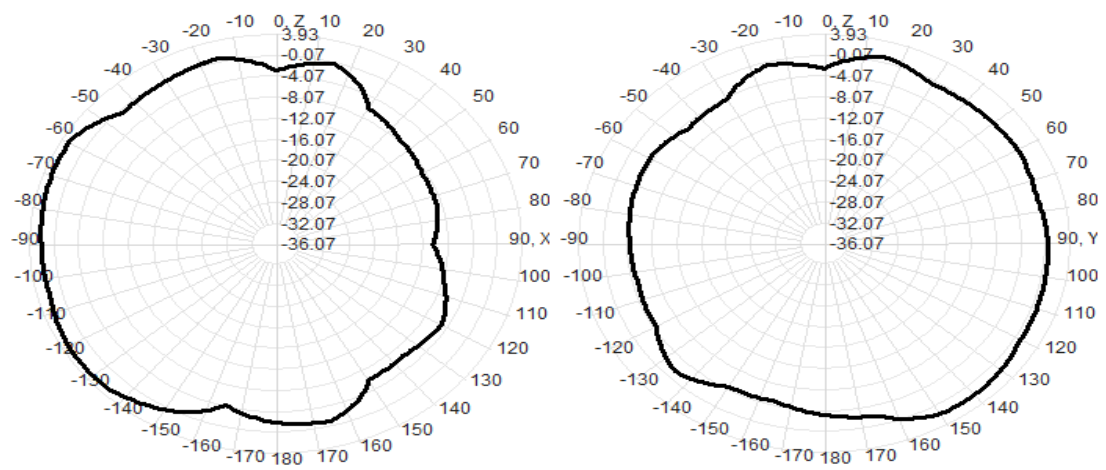


Figure 3