

- 1、Antenna Model: Inverted F Antenna (IFA)
- 2、Antenna Type: PCB Antenna
- 3、Benefit: 1.5dBi
- 4、Manufacturer: Dongguan Fuchen Electronic Technology Co., Ltd.
- 5、Manufacturer Address: Gaoke 5 Road, Xinlian Village, Humen Town, Dongguan, Guangdong, China
- 6、Antenna manufacturer brand: kehwin
- 7、Antenna size: As shown in Figure 1

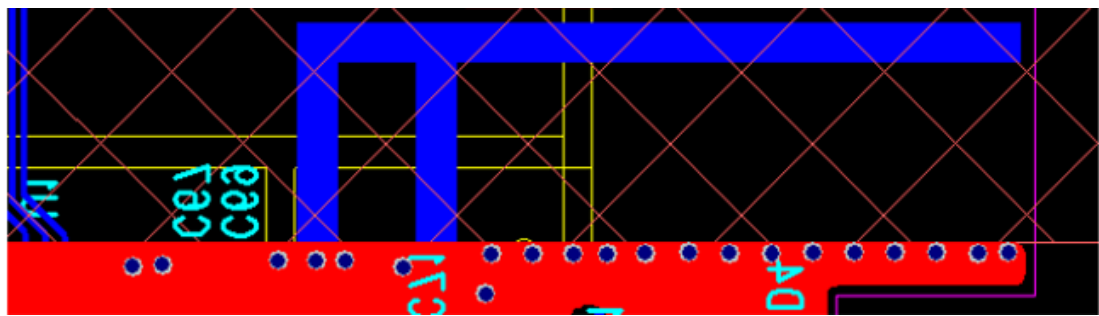


Figure 1，18.2*5.5mm

8、Antenna Efficiency:

Freq（MHz）	Effi（%）	Effi（dB）	Gain（dBi）
2400	36.8	-4.3	0.8
2410	40.3	-3.9	1.3
2420	40.4	-3.8	1.4
2430	41.6	-3.8	1.5
2440	40.5	-3.7	1.4
2450	40.7	-3.7	1.4
2460	41.2	-3.8	1.5
2470	40.0	-4	1.4
2480	38.0	-4.2	1.1
2490	35.9	-4.5	0.9
2500	34	-4.7	0.7

9、Antenna performance: As shown in Figure 2, the operating frequency band covers the entire 2.4G ISM band.



Figure 2

10、The 2D and 3D gains are as follows, reaching around 1.5dB:

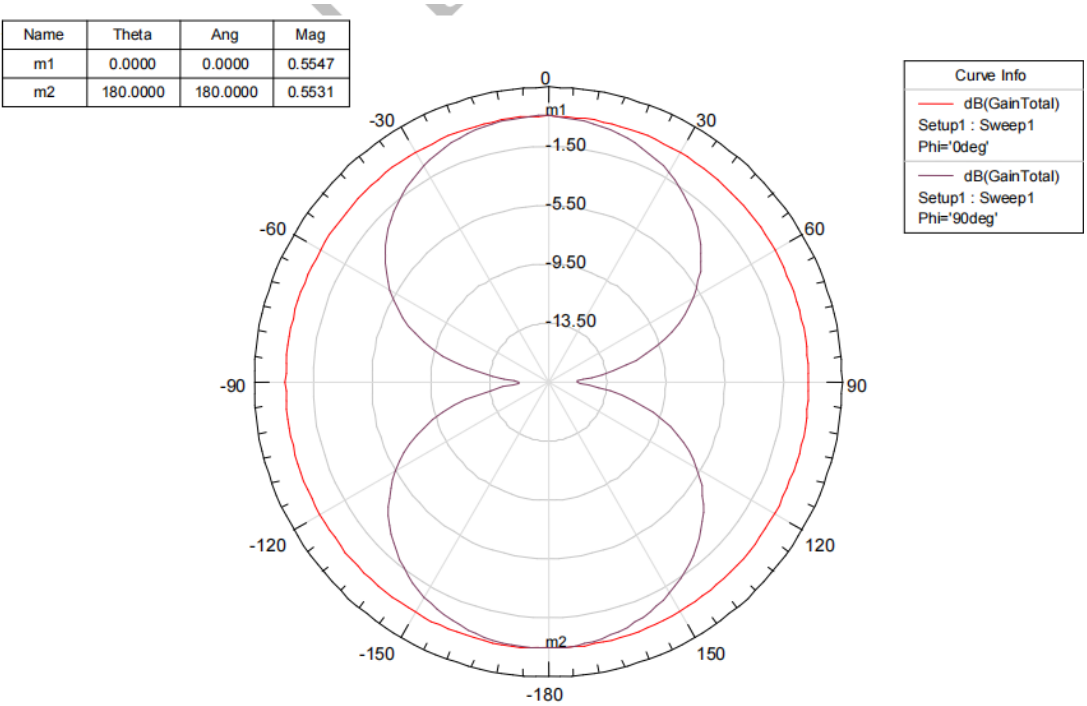


Figure 3

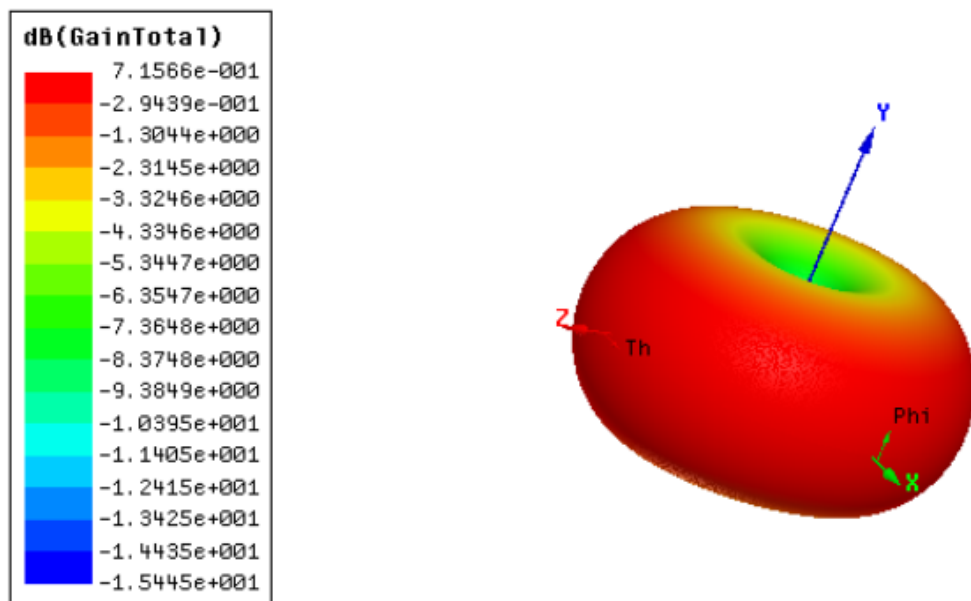


Figure 4 , Antenna Efficiency