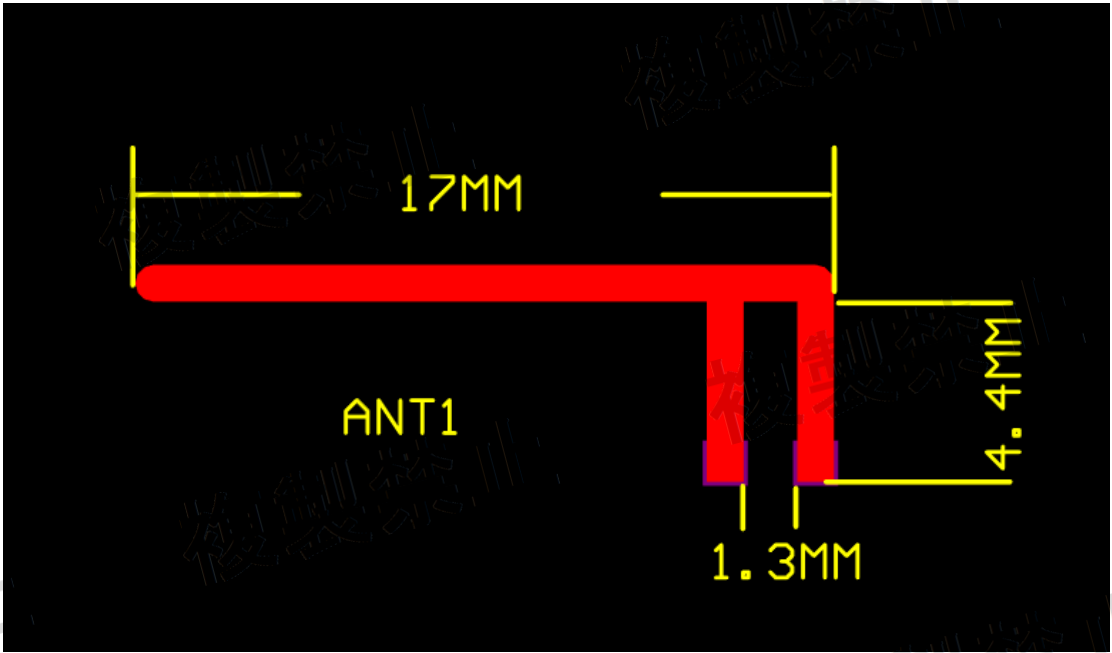


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- 1. Antenna Model: Inverted-F Antenna (IFA)
- 2. Antenna Type: PCB Recessed Antenna
- 3. Gain: 1.5dB
- 4. Antenna Dimensions are shown in Figure 1



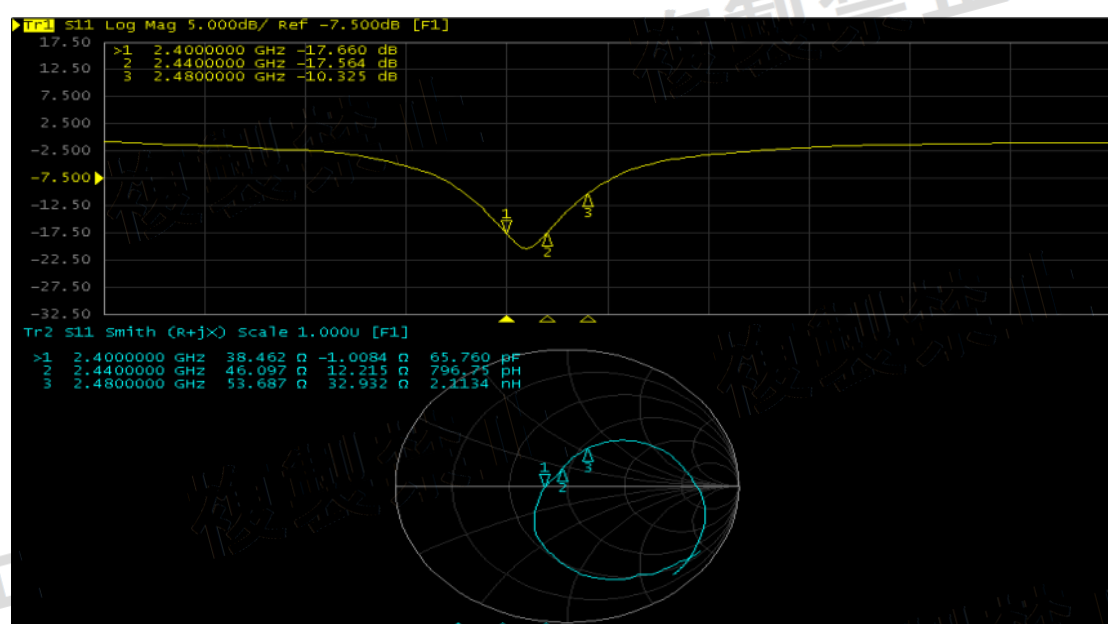
圖一 18.2*5.5mm

5: 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

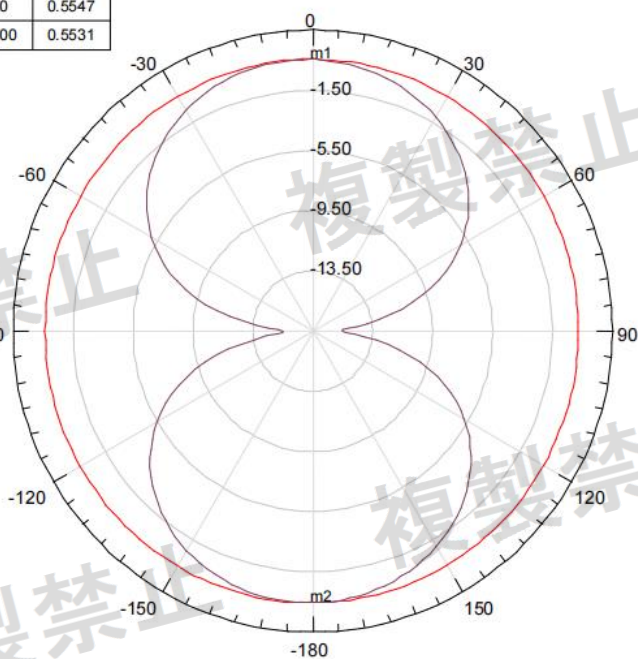
6.天線性能如 圖二 所示，工作頻段覆蓋整個 2.4G ISM 頻段。



图二

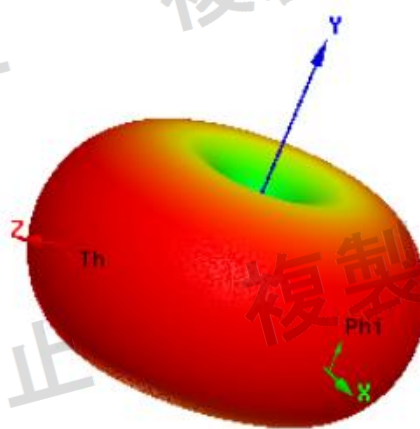
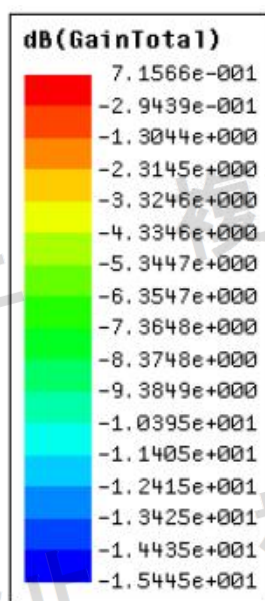
7: 2D 和 3D 增益如下，達到 1.5dB 左右：

Name	Theta	Ang	Mag
m1	0.0000	0.0000	0.5547
m2	180.0000	180.0000	0.5531



Curve Info	
—	dB(GainTotal)
Setup1 : Sweep1	Phi='0deg'
—	dB(GainTotal)
Setup1 : Sweep1	Phi='90deg'

圖三



圖四 天線增益