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- 1: Antenna model: Inverted F antenna (IFA)
- 2: Antenna type: PCB antenna
- 3: Gain: 4dBi
- 4: The antenna is shown in Figure 1
- 5: Model: N012102-01

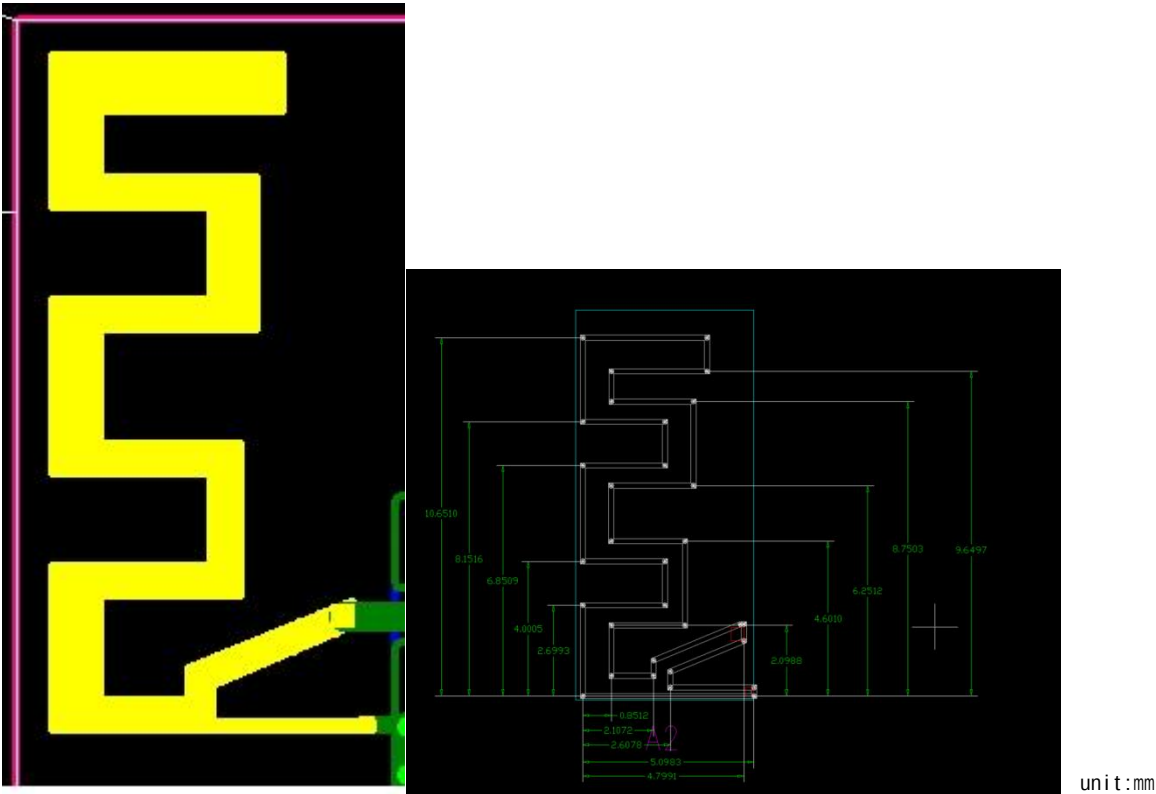


Figure 1

5: Antenna Efficiency and Gain

Antenna	Freq (MHz)	Effi (%)	Gain (dBi)
	2400	35.49%	3.99
	2410	35.20%	4.30
	2420	37.54%	4.18
	2430	38.87%	4.29

2440	40.07%	4.27
2450	41.58%	4.05
2460	40.69%	4.29
2470	39.19%	3.93
2480	39.14%	4.01
2490	38.14%	4.21
2500	38.43%	4.18

6. The antenna performance is shown in Figure 2. The working frequency band covers the entire 2.4G ISM frequency band.

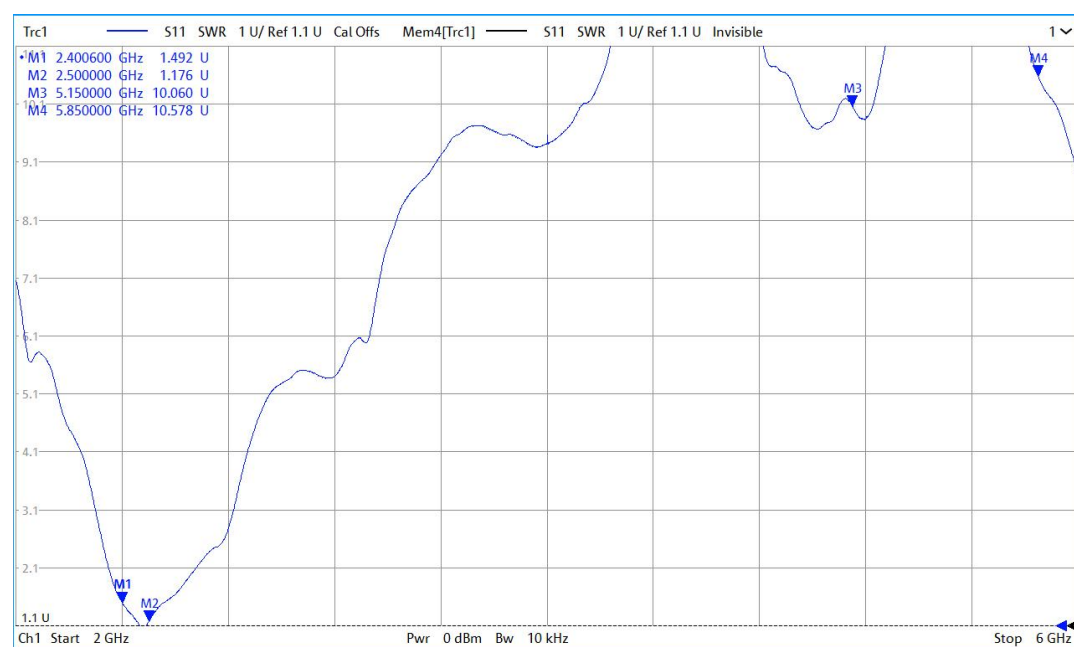


Figure 2

7: 2D antenna gains are shown in Figures 3:

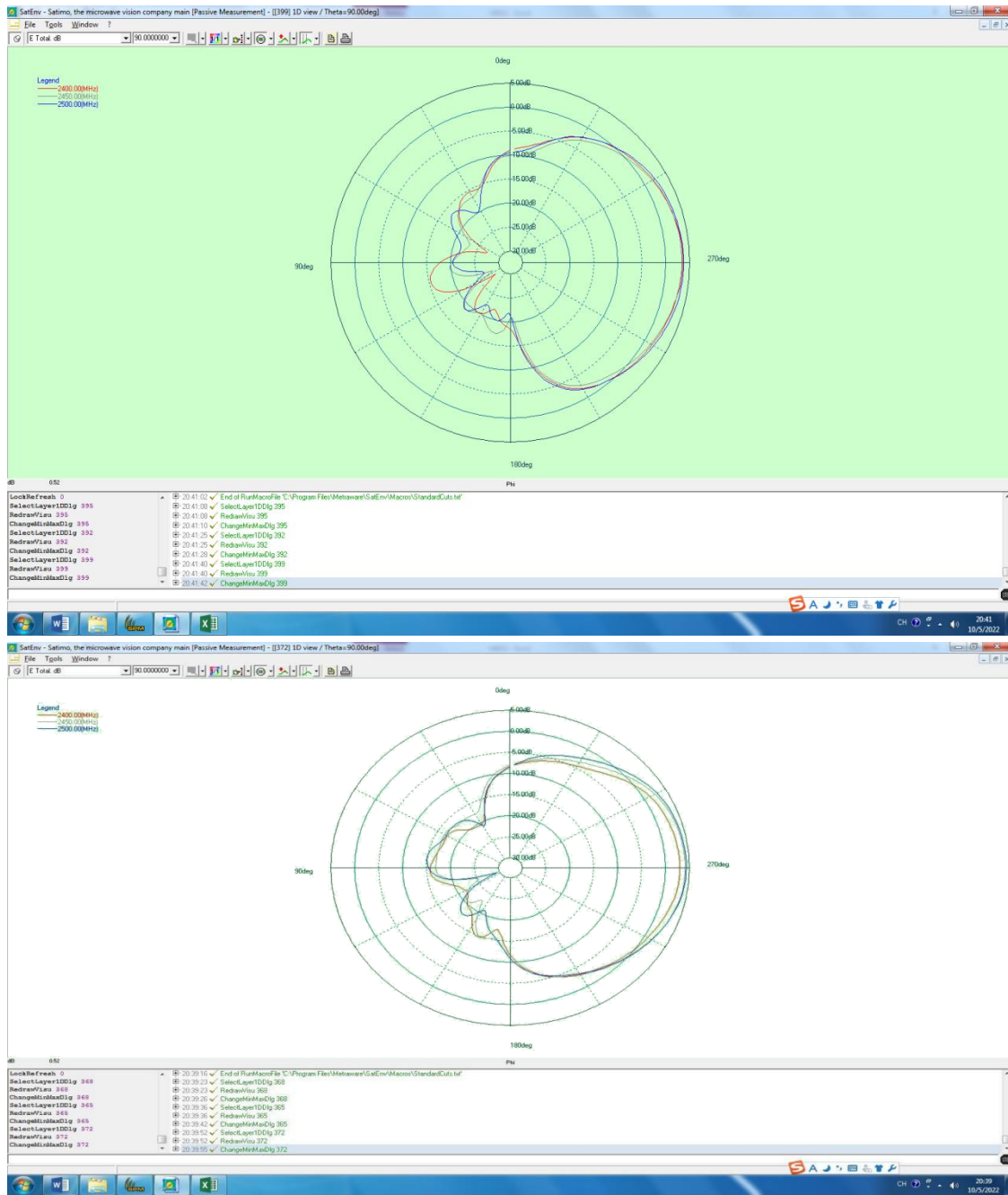


Figure 3 2D antenna efficiency