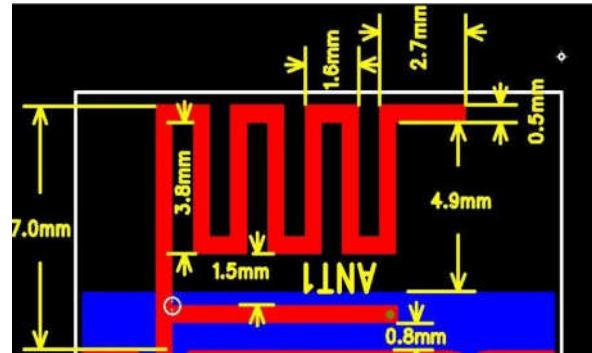
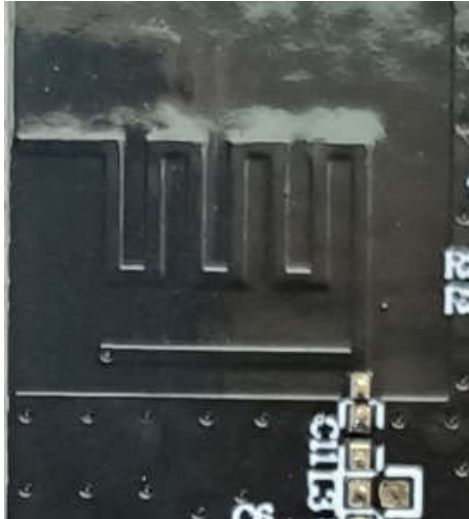
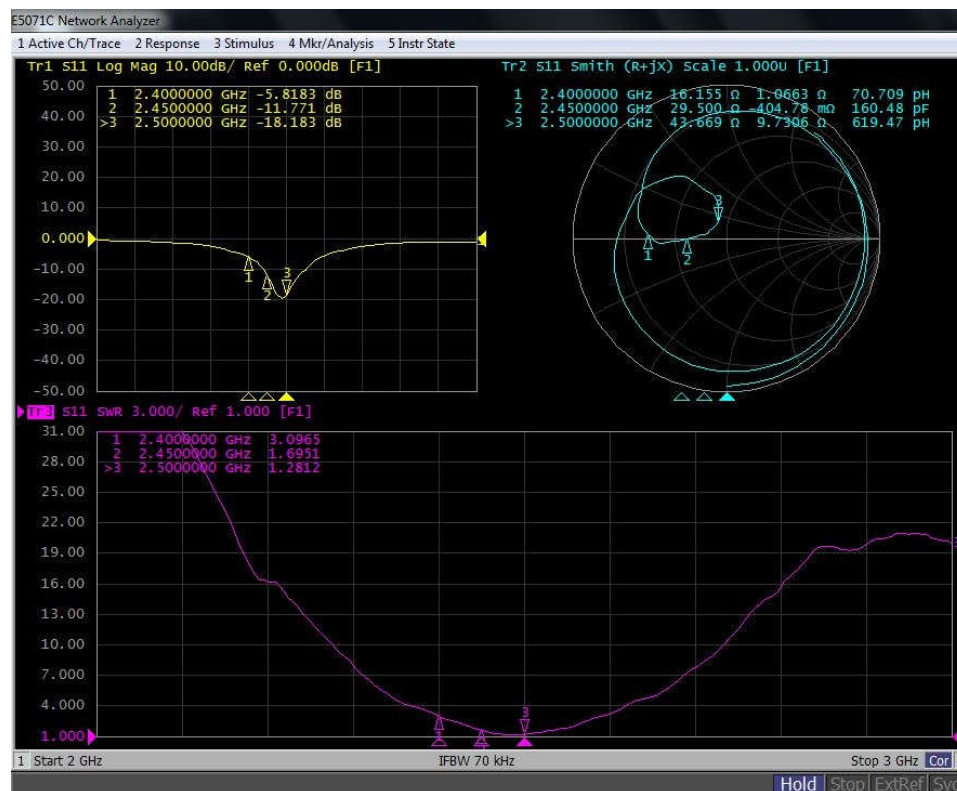


1.1 Antenna appearance



1.1.1 S11 parameters



1.1.2 VSWR data

Frequency/MHz	2400	2450	2500
VSWR	3.0965	1.6951	1.2812

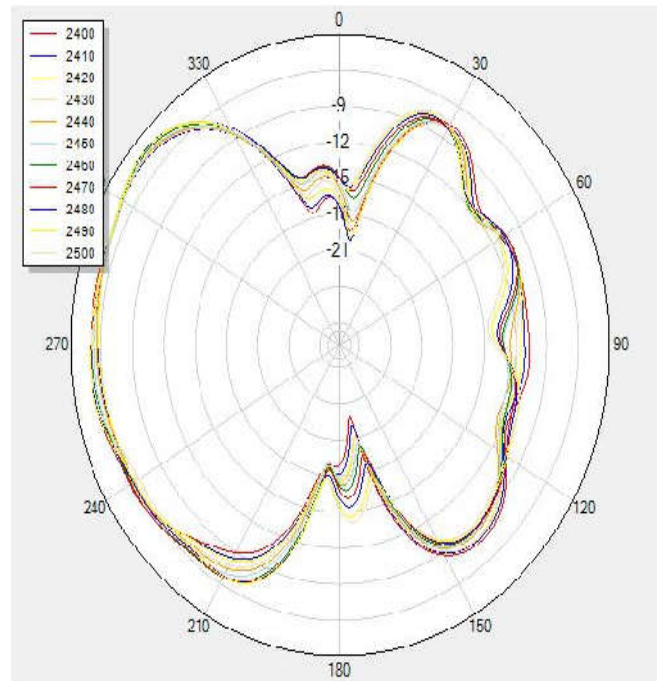
1.1.3 Typical free space efficiency and gain

Frequency/MHz	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain/dBi	1.4	1.43	1.55	1.8	1.67	1.91	2.04	2.26	2.45	2.63	2.78
Efficiency/%	38.96	39.56	40.38	41.59	41.77	43.56	45.69	47.94	48.99	50.26	50.86

1.1.4 Typical free space radiation pattern

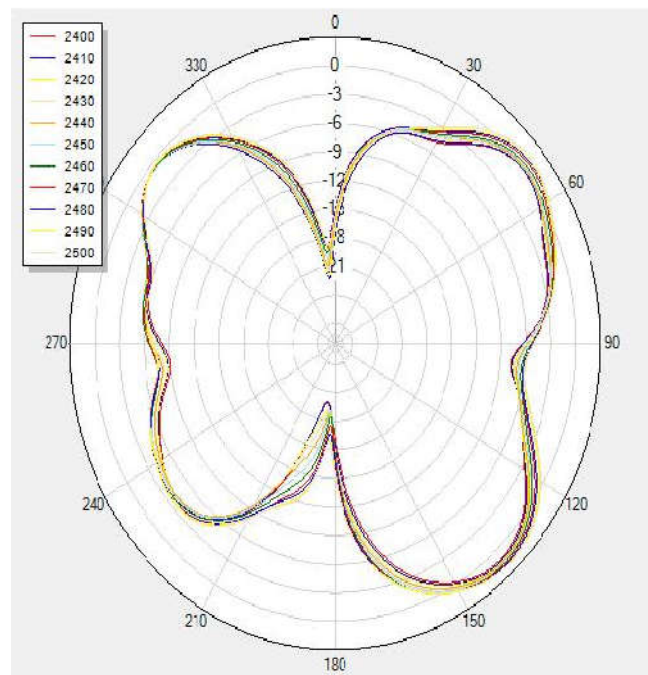
(1) X-Z Plane:

V Phi=0



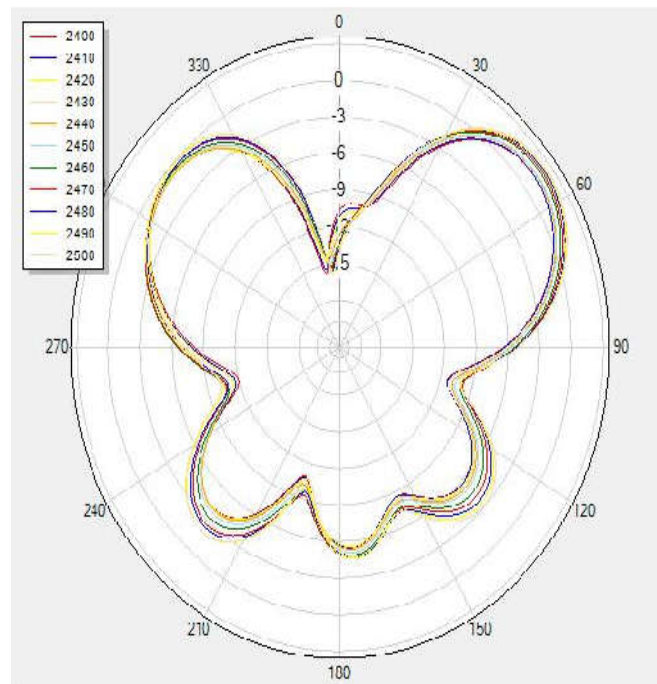
(2) Y-Z Plane:

V Phi=90



(3) X-Y Plane:

H Theta=90



(4) Typical Free Space 3D Radiation Pattern at 2.45GHz:

