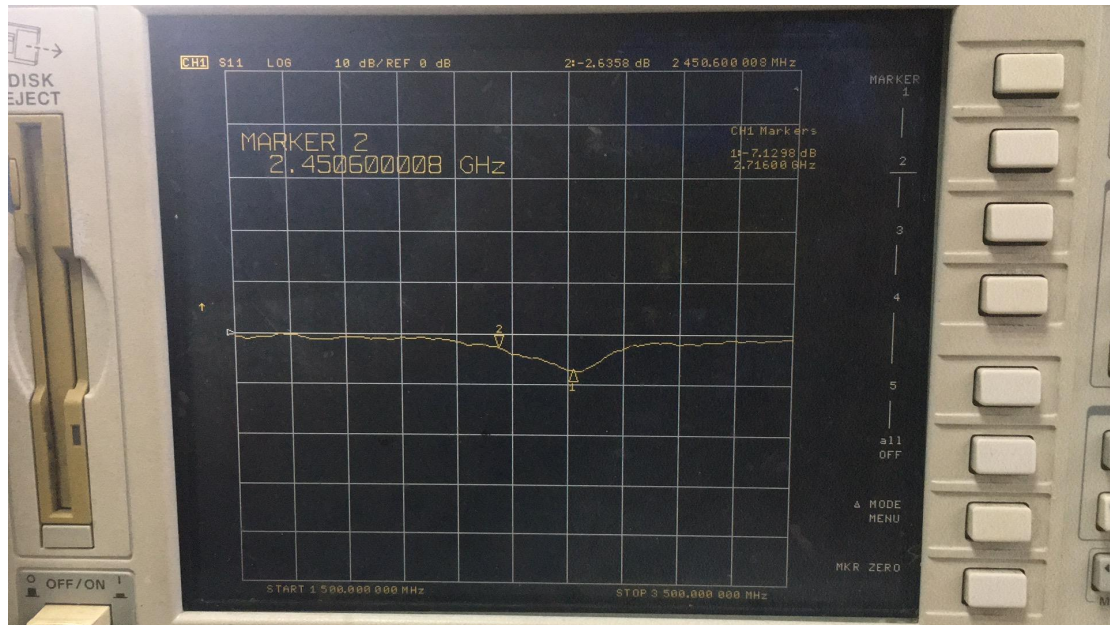


Actual antenna S11 diagram:



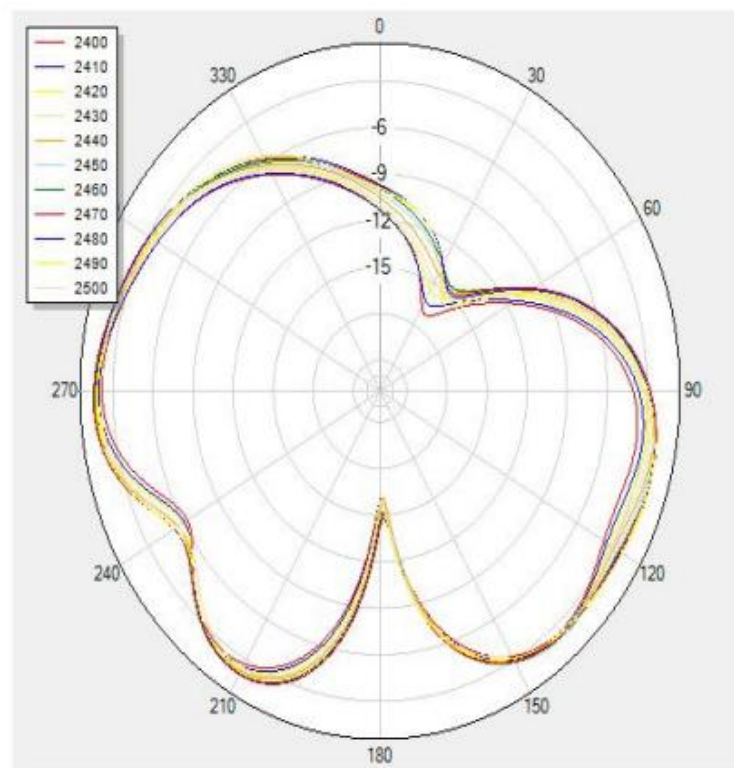
Antenna gain and efficiency table:

Frequency/MHz	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
maximum gain/dBi	-0.44	-0.18	0.02	0.11	0.38	0.38	0.45	0.39	0.28	0.28	-0.04
efficiency/%	41.00	43.14	44.85	46.67	47.98	49.52	49.79	49.88	48.92	48.29	46.14

antenna pattern:

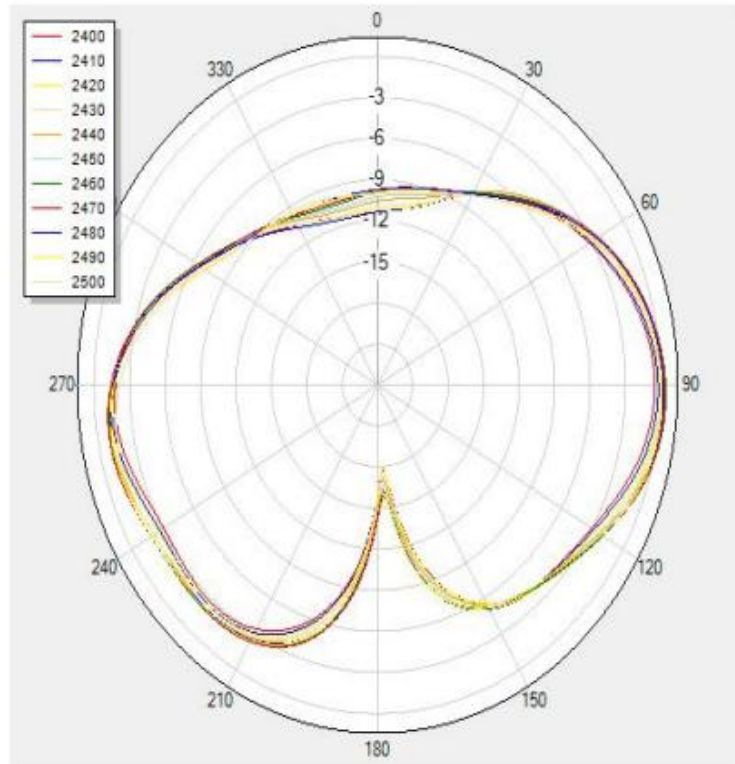
(1) X-Z Plane:

V Phi=0



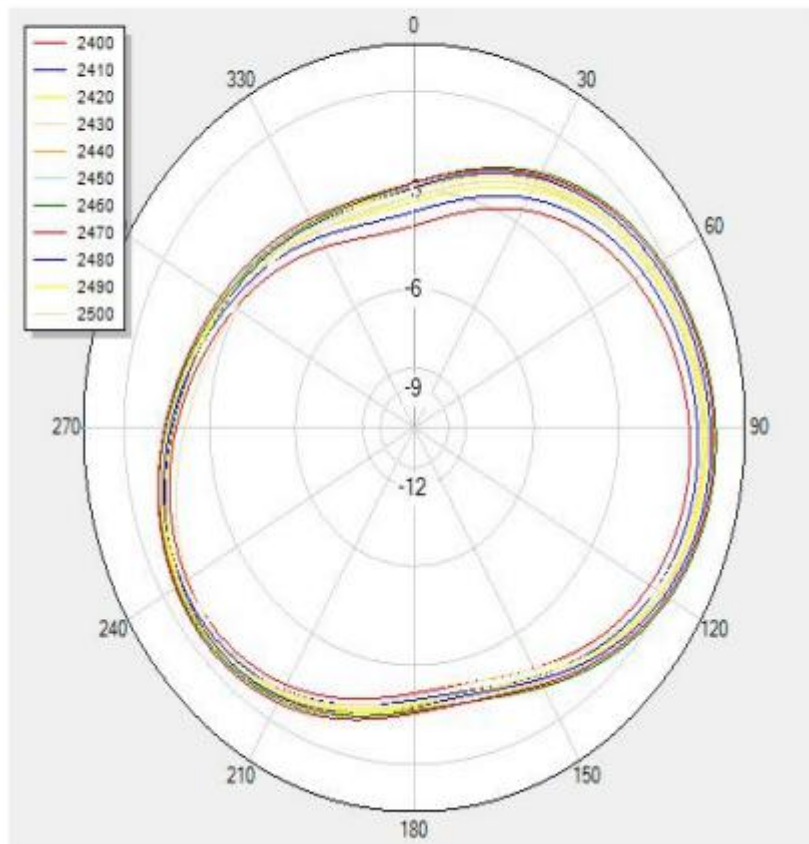
(2) Y-Z Plane:

V Phi=90



(3) X-Y Plane:

H Theta=90



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

