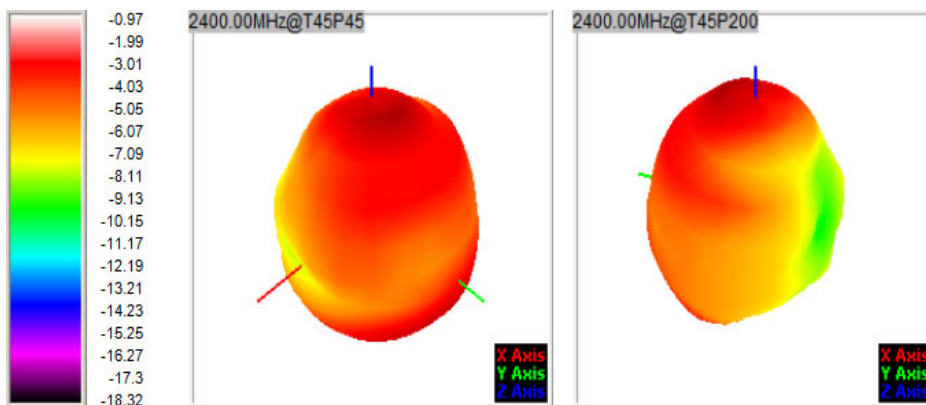
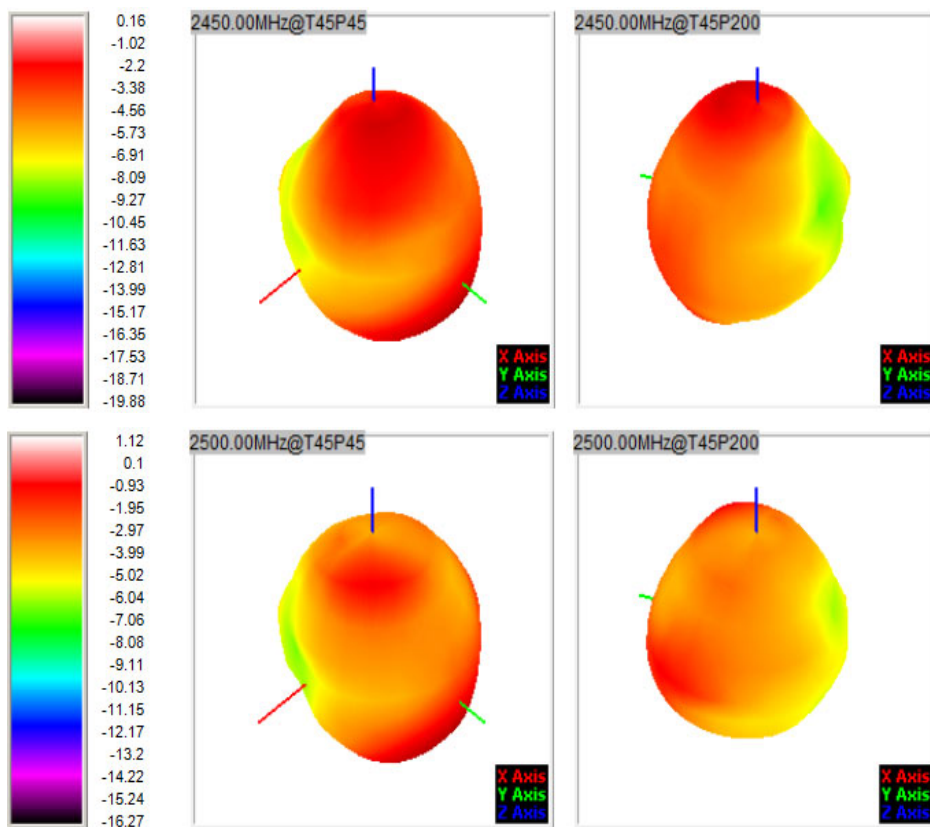


1. WIFI Antenna efficiency and Gain

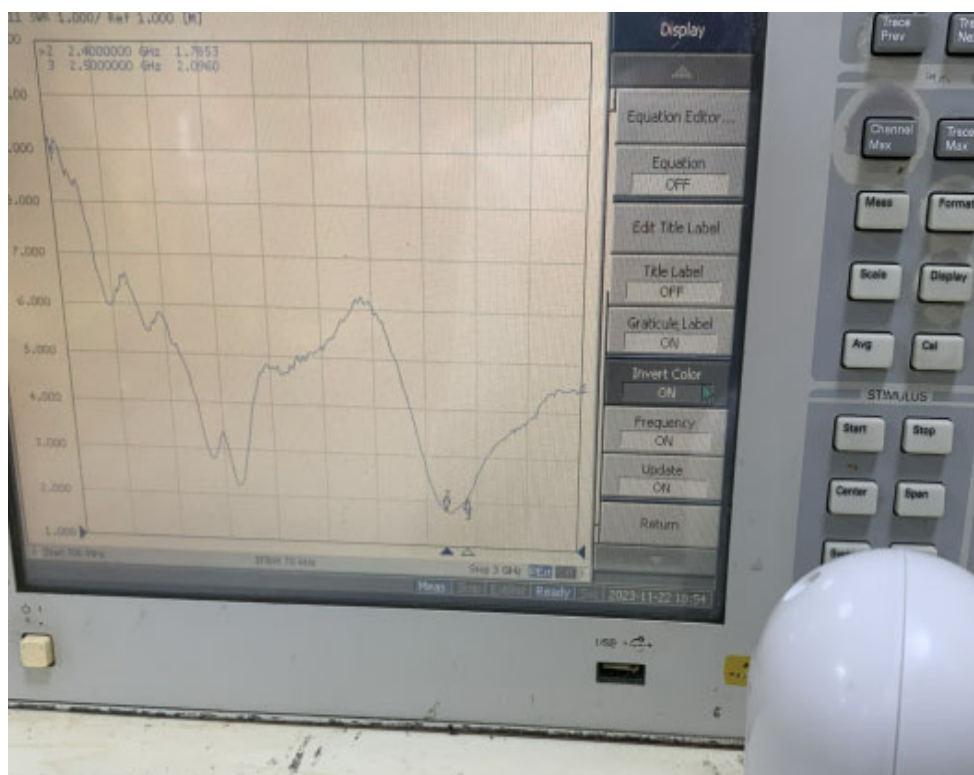
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Ant. Port Input Pwr.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tot. Rad. Pwr. (dBm)	-4.97	-4.82	-4.68	-4.56	-4.43	-4.20	-4.01	-3.89	-3.84	-3.69	-3.62
Peak EIRP (dBm)	-0.97	-0.88	-0.64	-0.42	-0.29	0.16	0.59	0.87	1.03	1.16	1.12
Directivity (dBi)	4.01	3.94	4.04	4.14	4.13	4.37	4.60	4.76	4.87	4.85	4.74
Efficiency (dB)	-4.97	-4.82	-4.68	-4.56	-4.43	-4.20	-4.01	-3.89	-3.84	-3.69	-3.62
Efficiency (%)	31.80	33.00	34.10	35.00	36.10	38.00	39.70	40.80	41.30	42.70	43.40
Gain (dBi)	-0.97	-0.88	-0.64	-0.42	-0.29	0.16	0.59	0.87	1.03	1.16	1.12
NHPRP $\pm\pi/4$	-6.89	-6.73	-6.56	-6.40	-6.24	-5.99	-5.77	-5.62	-5.54	-5.37	-5.29
NHPRP $\pm\pi/6$	-8.56	-8.38	-8.17	-7.96	-7.75	-7.46	-7.20	-7.04	-6.94	-6.78	-6.71
NHPRP $\pm\pi/8$	-9.84	-9.66	-9.41	-9.15	-8.90	-8.58	-8.30	-8.12	-8.01	-7.85	-7.80
Upper Hem. PRP	-8.19	-8.02	-7.88	-7.77	-7.66	-7.44	-7.27	-7.17	-7.11	-6.94	-6.80
Lower Hem. PRP	-7.79	-7.64	-7.51	-7.38	-7.23	-7.00	-6.78	-6.65	-6.60	-6.47	-6.47
Upper Hem. PRP	15.16	15.78	16.31	16.71	17.15	18.02	18.74	19.17	19.45	20.21	20.89
Lower Hem. PRP	16.65	17.20	17.76	18.29	18.94	19.97	20.99	21.61	21.90	22.53	22.53

2. 2D/3D:





3. S11 Passive parameter:



4. Antenna size:

