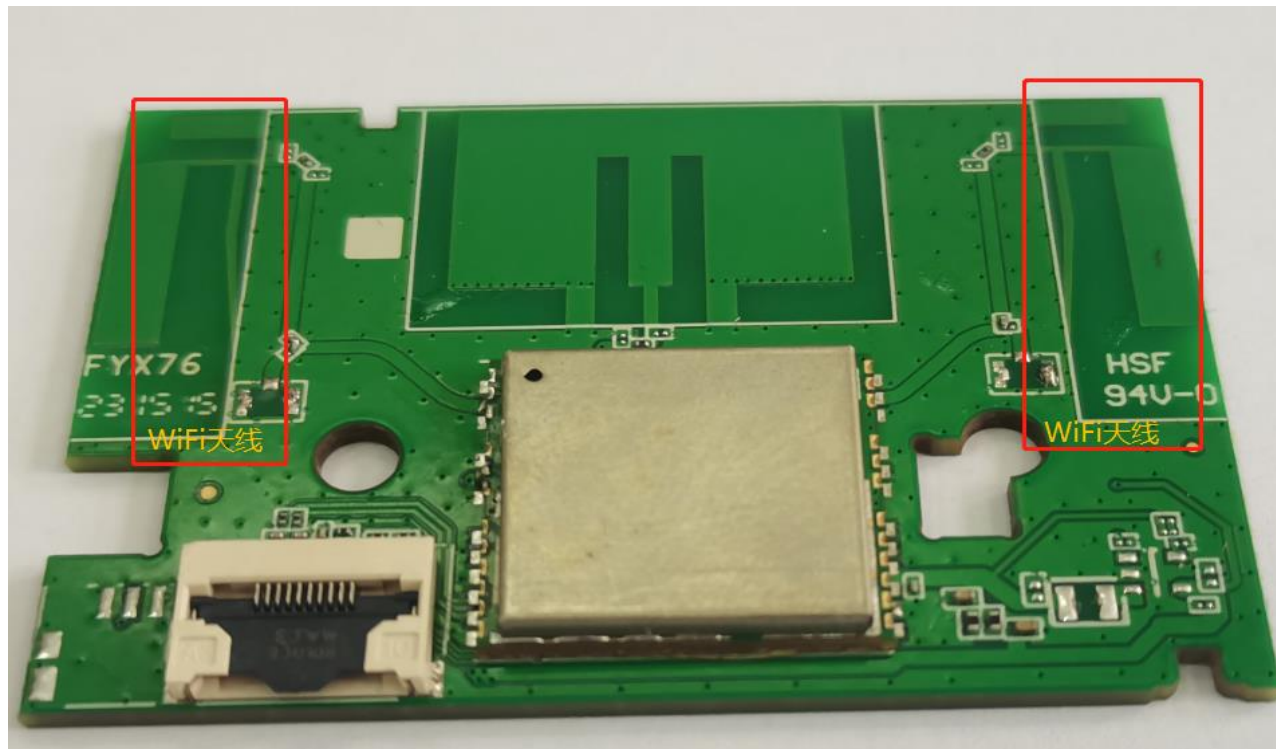
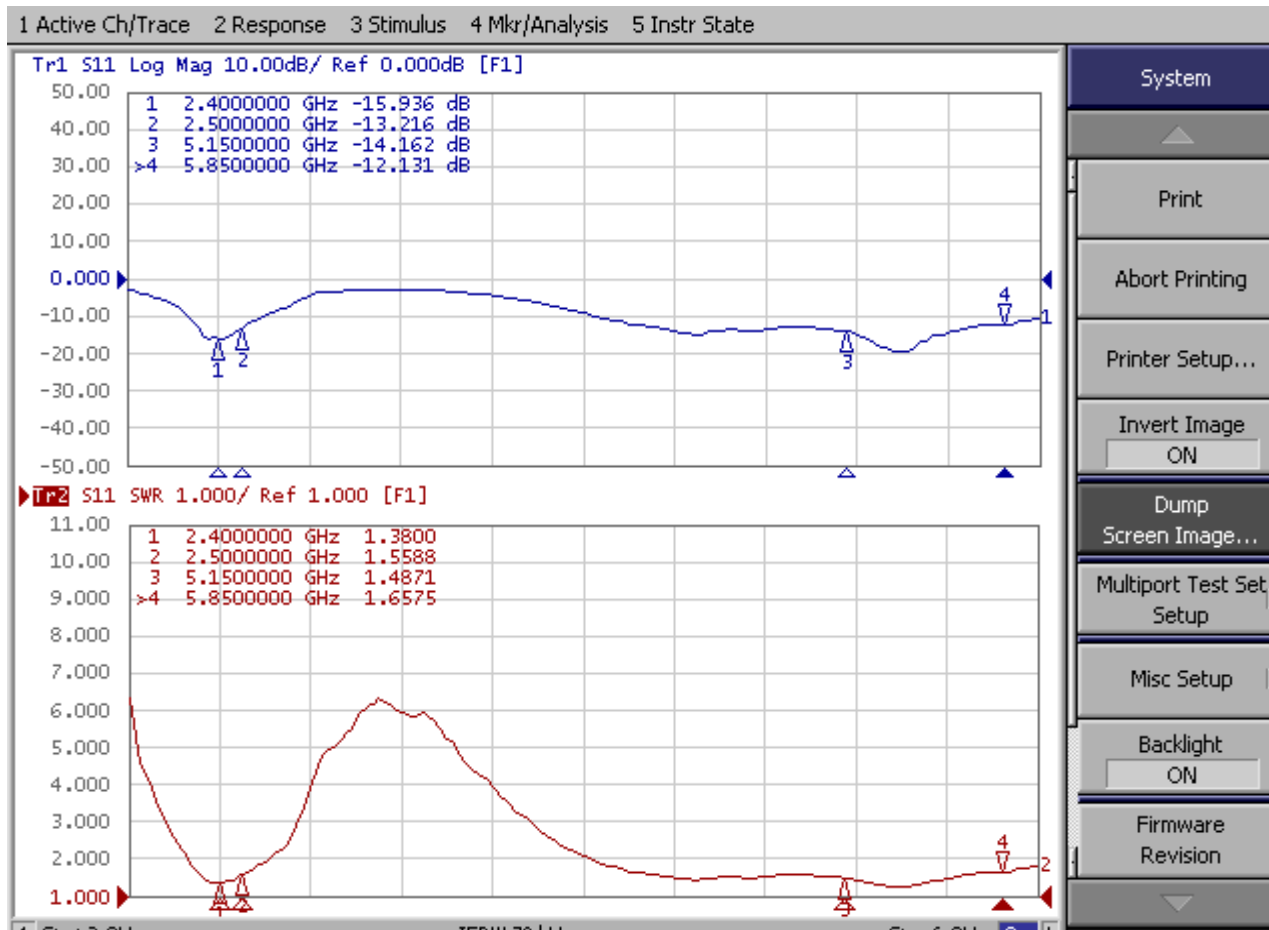


Modular WiFi 2.4 G 5G Antenna Test Report

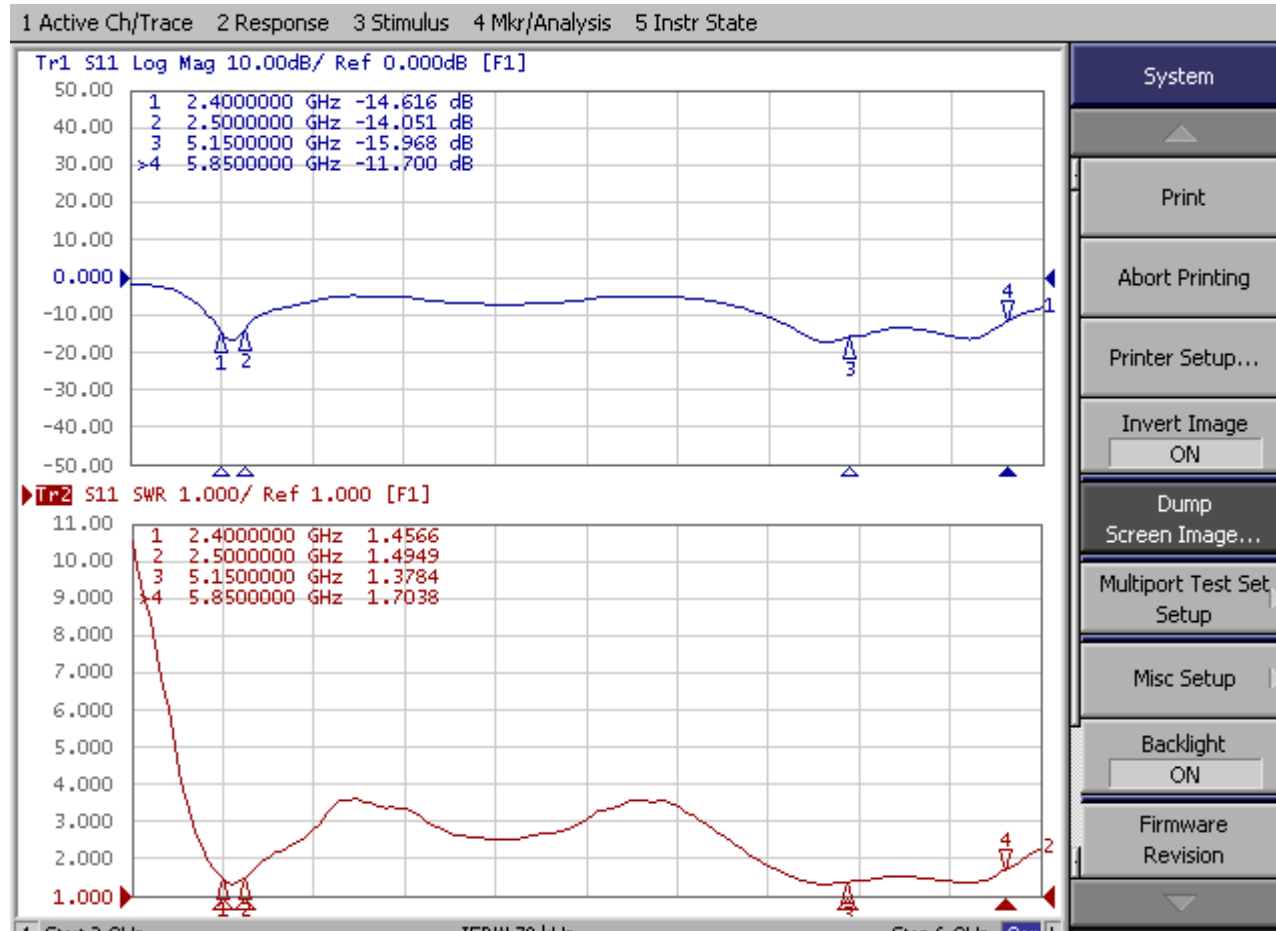
Modular antenna test physical diagram



WIFI Antenna ONE Passive Standing Wave



WIFI Antenna Two Passive Standing Wave



WIFI Antenna I 2.4 G 5G Efficiency Gain

Freq (MHz)	Effi (%)	Gain (dBi)
2400	54.51	1.6
2410	51.51	1.28
2420	50.89	1.14
2430	53.38	1.49
2440	56.54	1.9
2450	59.01	2.15
2460	59.17	2.41
2470	57.35	1.93
2480	63.54	2.66
2490	63.03	2.13
2500	59.16	1.79

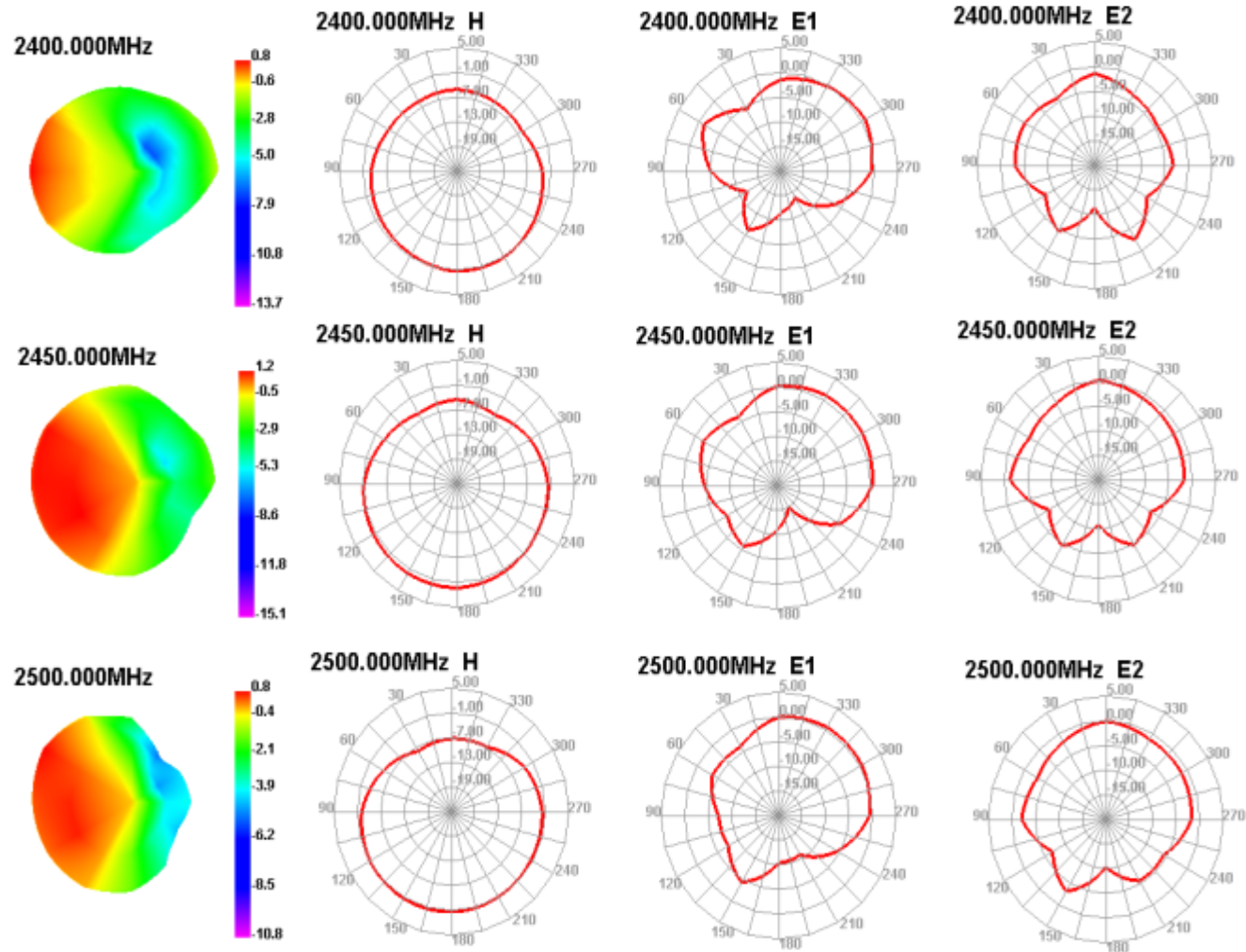
Freq (MHz)	Effi (%)	Gain (dBi)
5150	53.04	1.75
5220	45.32	1.77
5290	49.07	1.42
5360	46.07	1.91
5430	59.49	2.99
5500	58.74	2.88
5570	47.13	2.35
5640	41.73	1.82
5710	49.49	1.93
5780	47.51	1.79
5850	39.76	1.11

WIFI Antenna II 2.4 G 5G Efficiency Gain

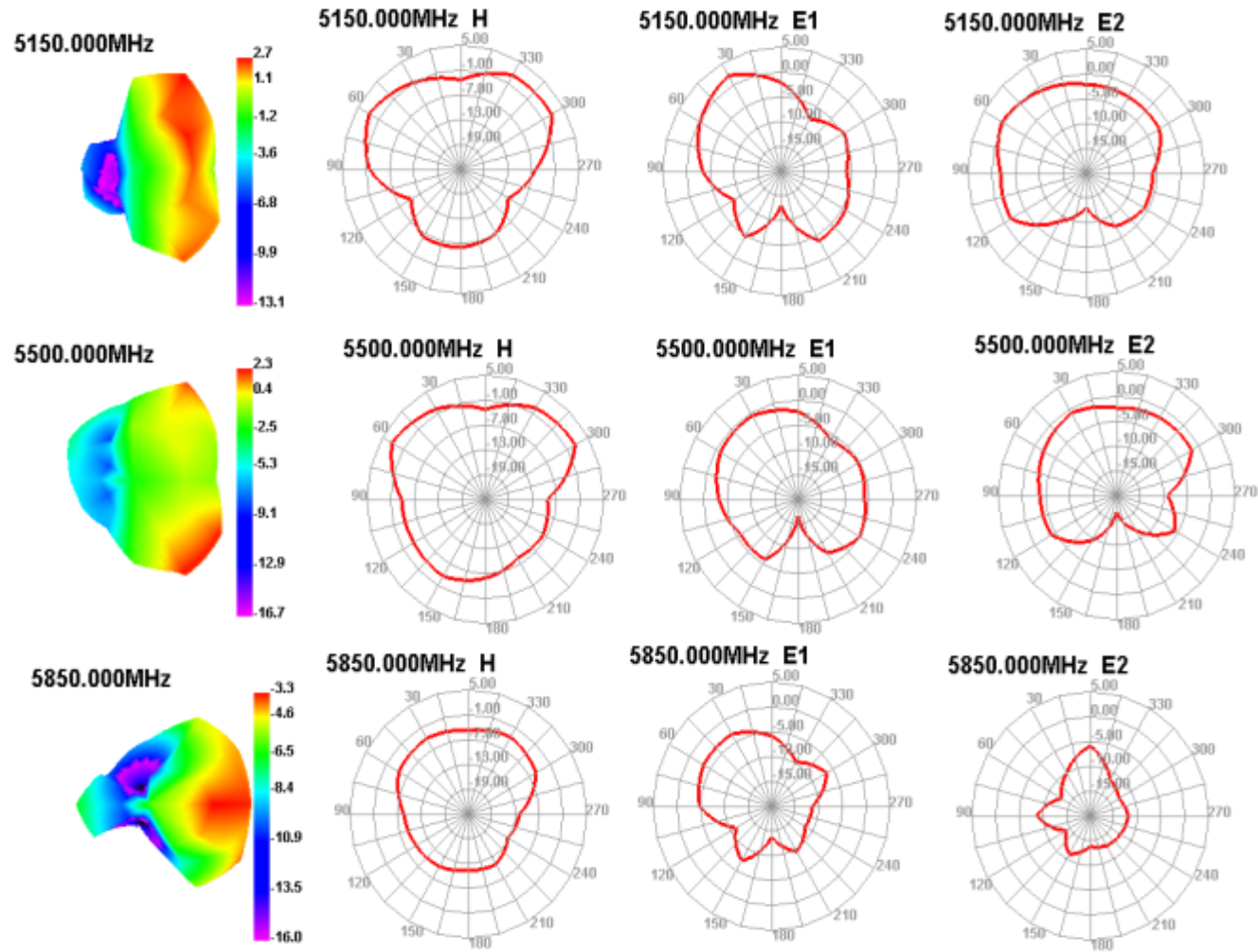
Freq (MHz)	Effi (%)	Gain (dBi)
2400	59.62	1.93
2410	56.46	1.72
2420	56.11	1.68
2430	58.58	1.85
2440	62.23	1.97
2450	64.46	2.03
2460	64.02	2.06
2470	61.07	1.8
2480	66.12	1.96
2490	65.56	1.95
2500	61.21	1.72

Freq (MHz)	Effi (%)	Gain (dBi)
5150	48.34	1.82
5220	49.15	1.75
5290	47.98	1.73
5360	43.78	1.65
5430	57.88	2.37
5500	44.96	1.34
5570	41.9	1.35
5640	40.5	1.13
5710	42.93	1.65
5780	47.45	1.49
5850	41.42	1.17

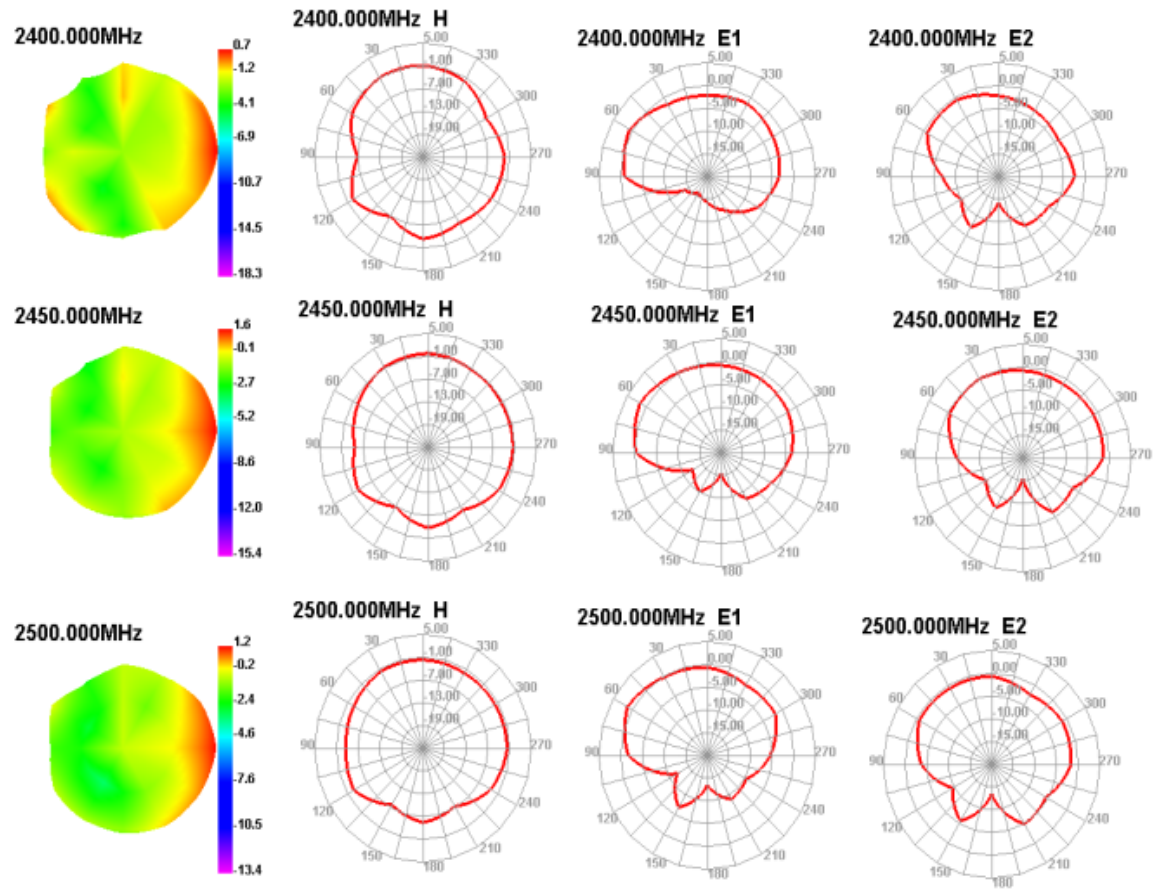
WiFi Antenna I 2.4 G Pattern



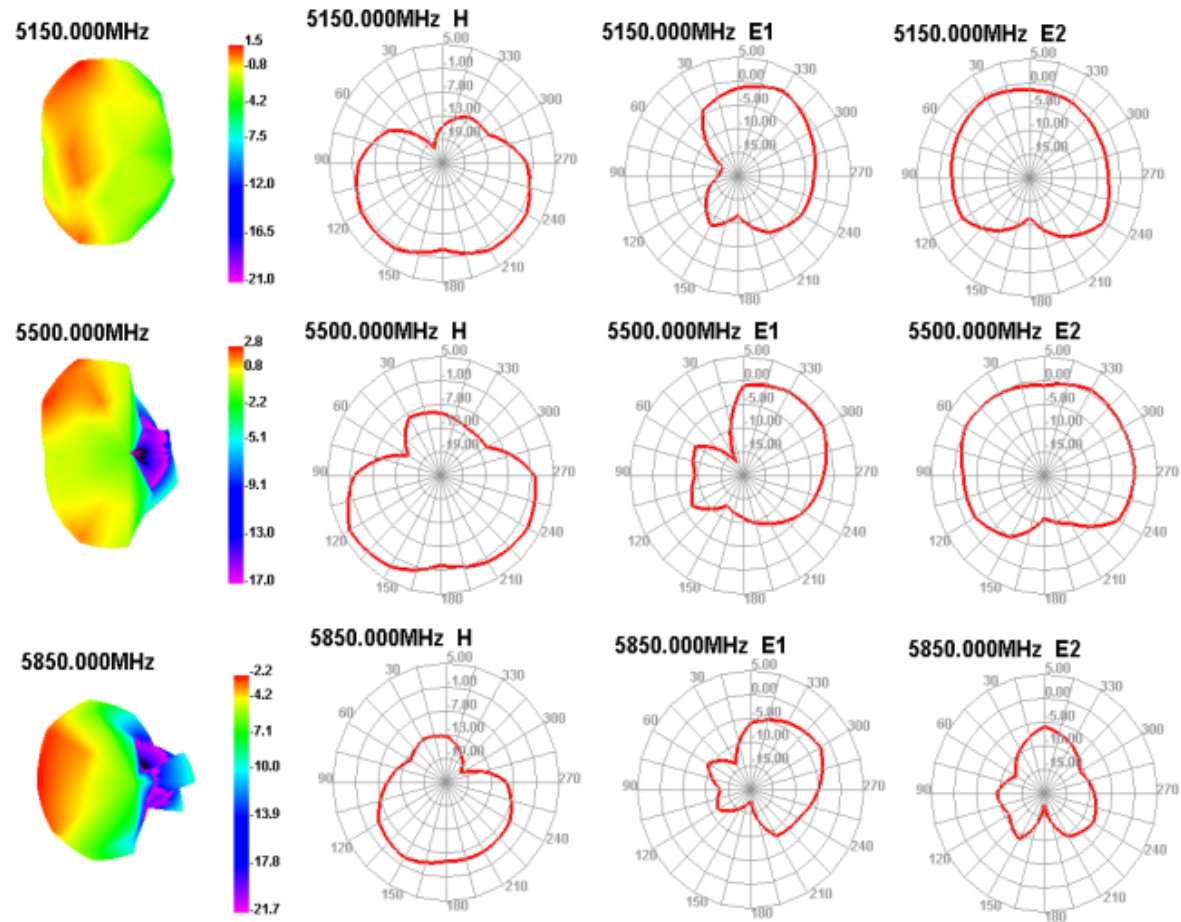
WIFI Antenna I 5G Pattern



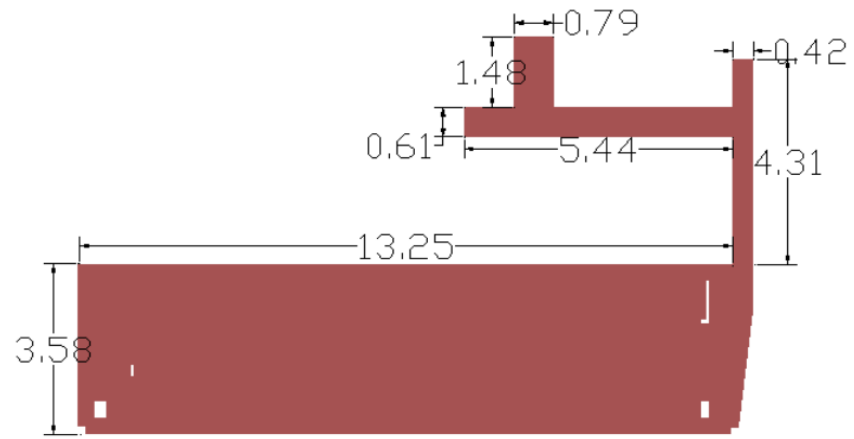
WiFi Antenna II 2.4 G Pattern



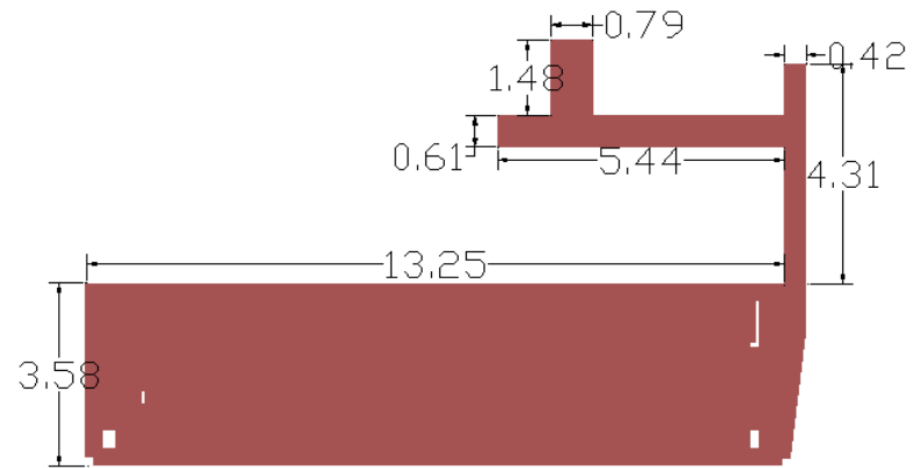
WIFI Antenna II 5G Pattern



Schematic diagram of antenna



WIFI Antenna I



WiFi Antenna II