

BT Antenna Test Report

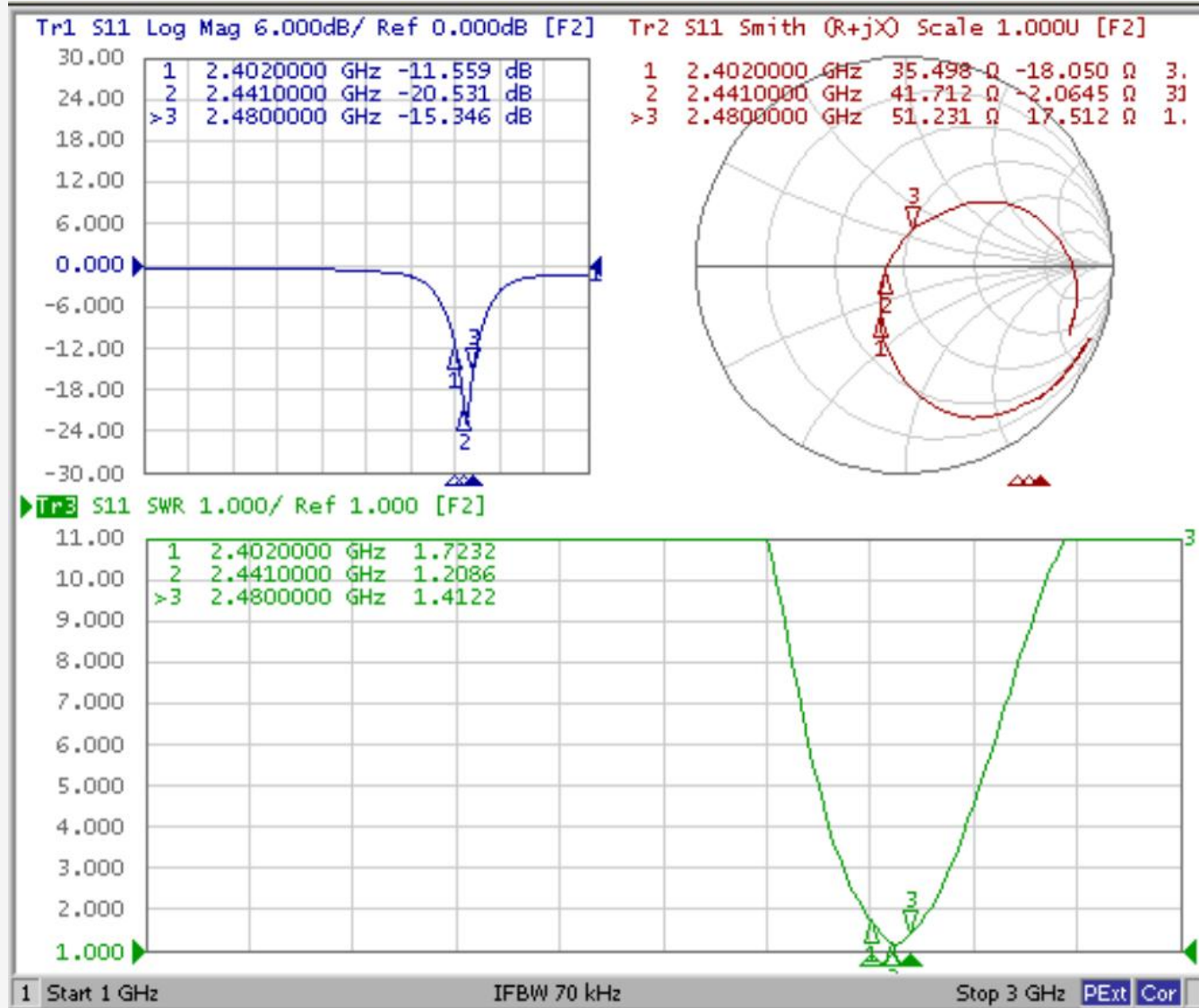
Customer	Sunwoda	Project	Q83C
Report Version	V1.0	Report Date	2026-03-19
Manufacturer	Shenzhen DaXian Technology Co., Ltd.		



Antenna test results:

1# Sample

Overall machine data --- Antenna waveform diagram



Antenna passive
efficiency:

1# Sample

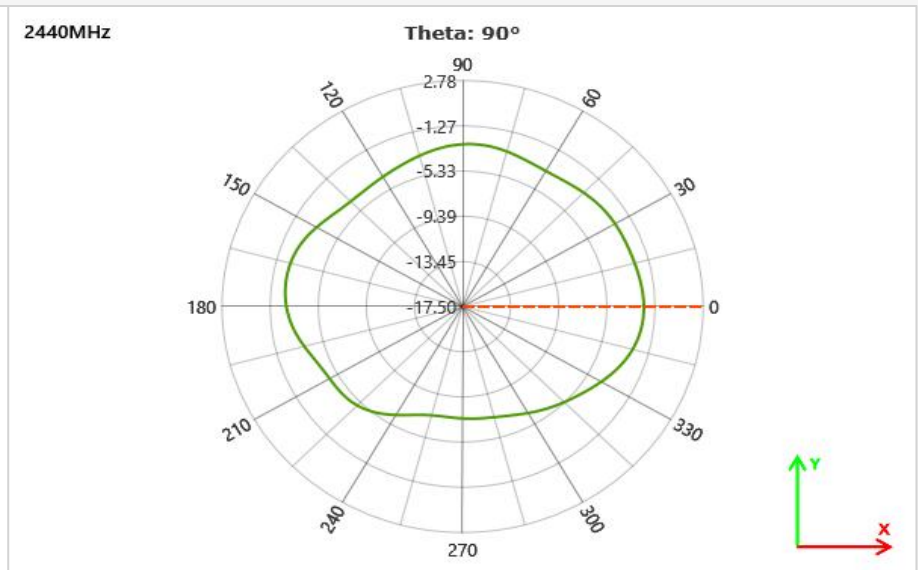
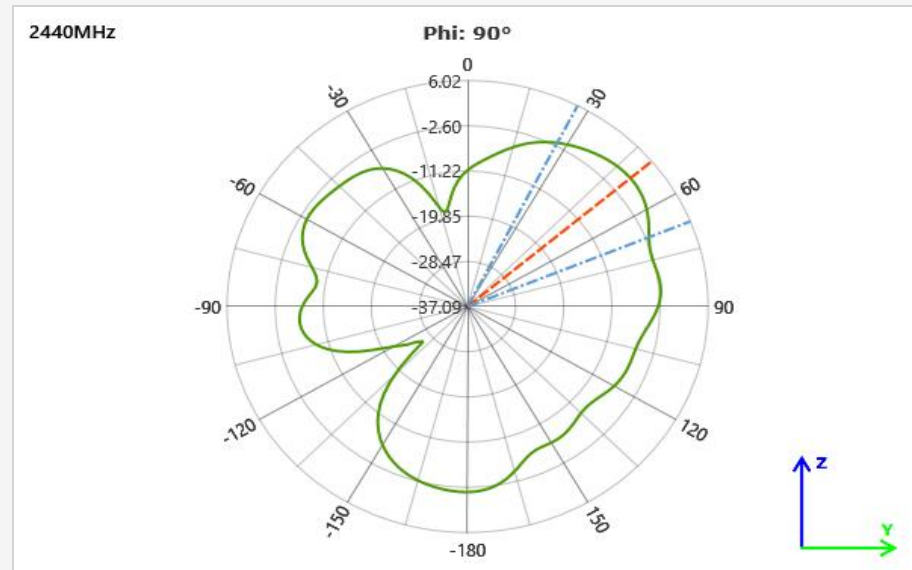
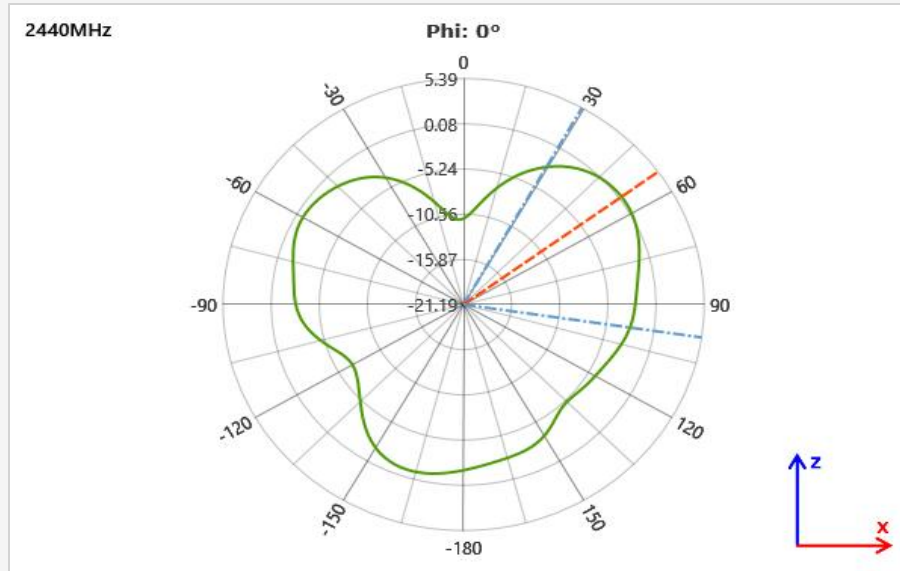
Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	0.07	-3.77	42
2410	0.28	-3.45	45.23
2420	0.43	-3.27	47.15
2430	0.69	-3.06	49.46
2440	1.15	-2.91	51.18
2450	1.28	-2.96	50.62
2460	1.1	-2.98	50.37
2470	0.99	-3.15	48.42
2480	0.74	-3.24	47.42
2490	0.55	-3.52	44.48
2500	0.48	-3.68	42.82



Antenna passive
efficiency
field diagram:

1# Sample

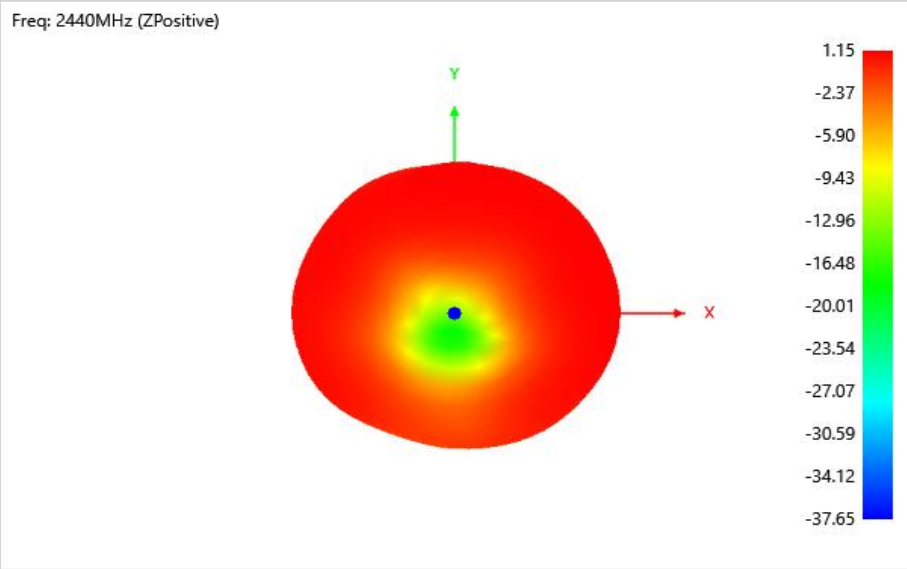
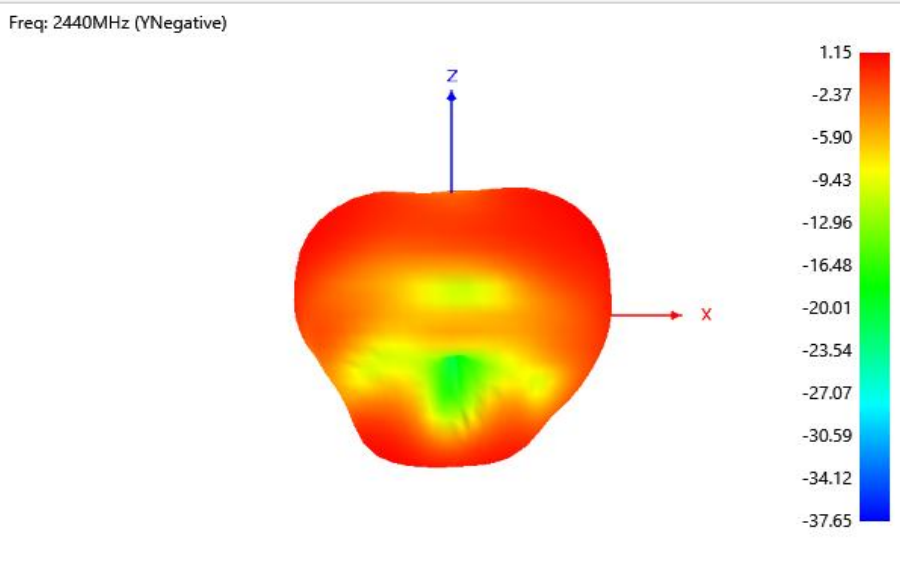
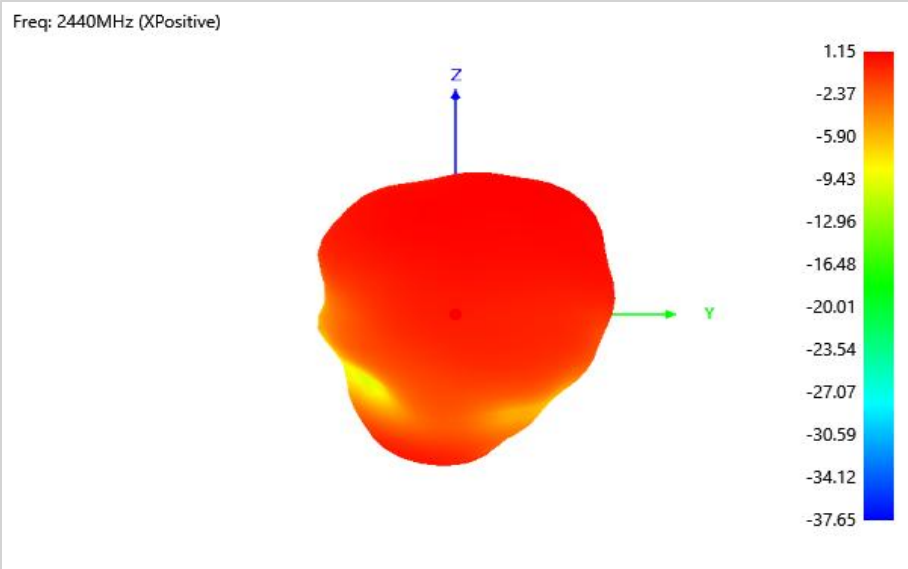
2440MHz



Antenna passive
efficiency
field diagram:

1# Sample

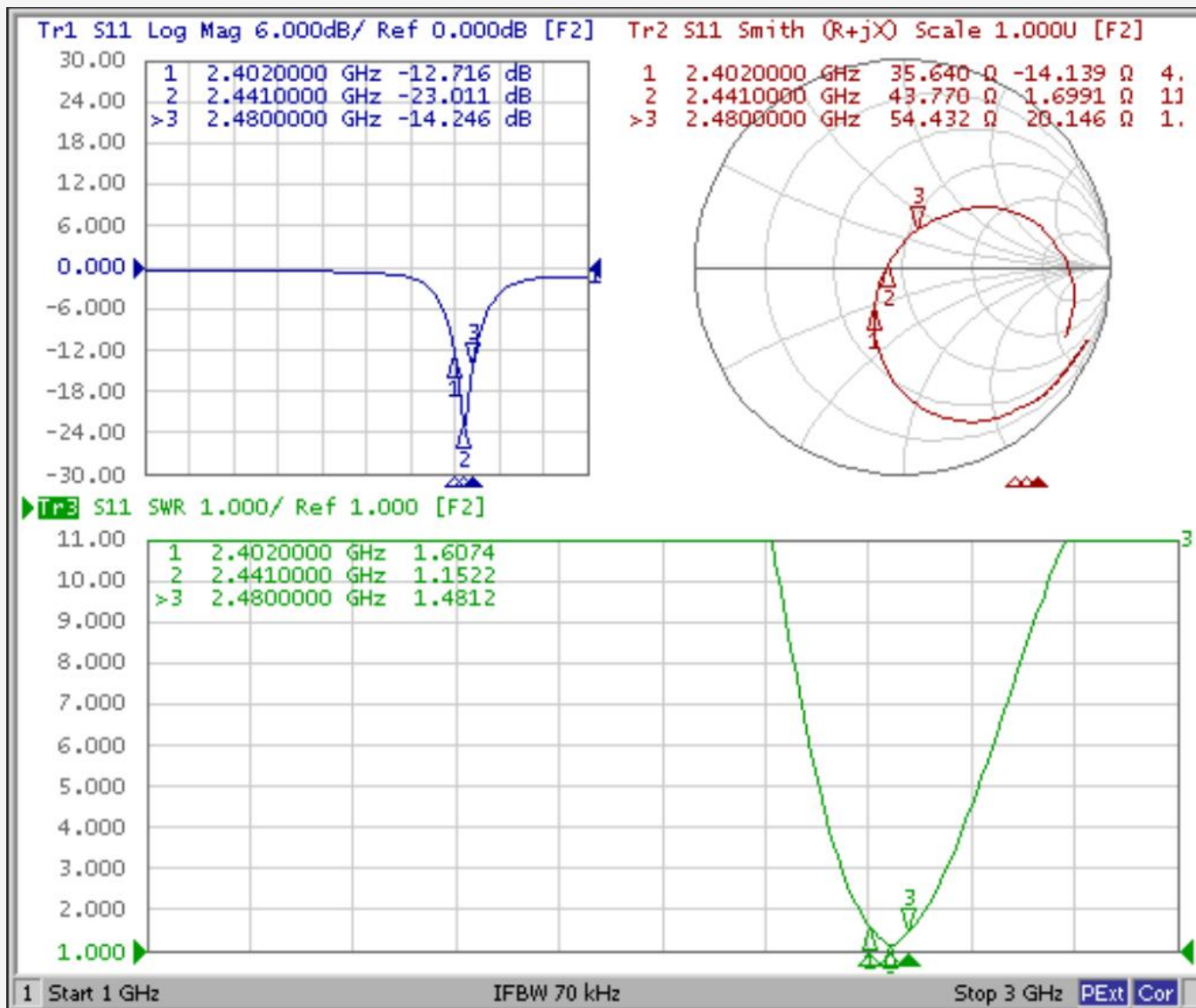
2440MHz



Antenna test results:

2# Sample

Overall machine data --- Antenna waveform diagram



Antenna passive
efficiency:

2# Sample

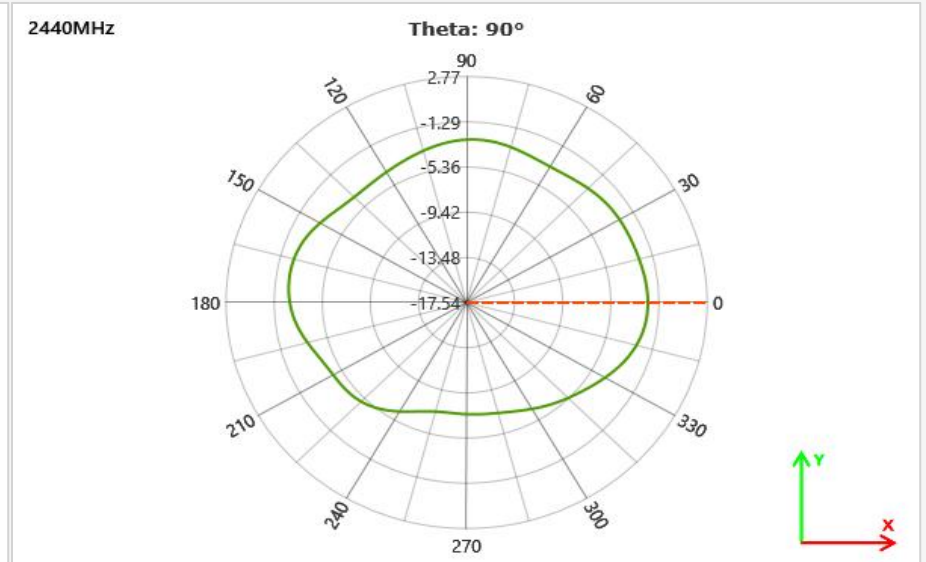
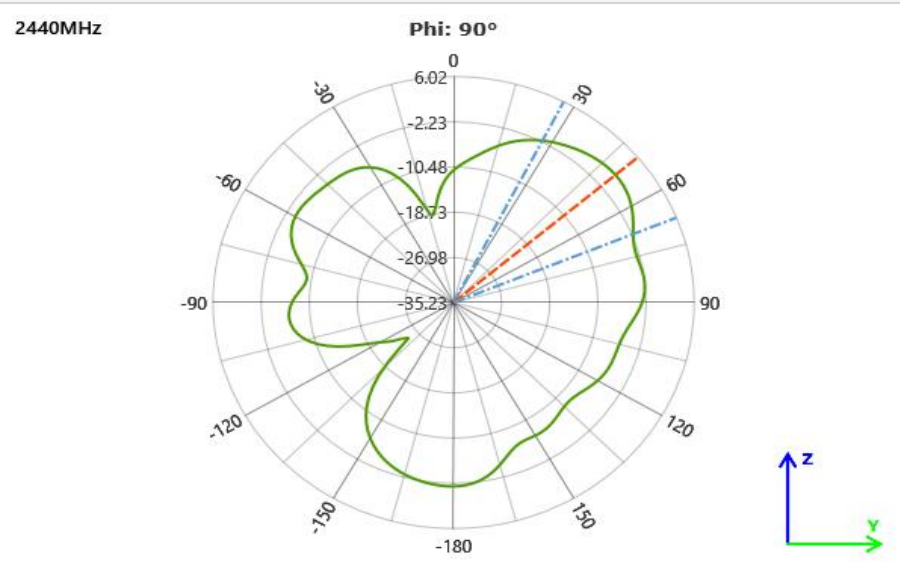
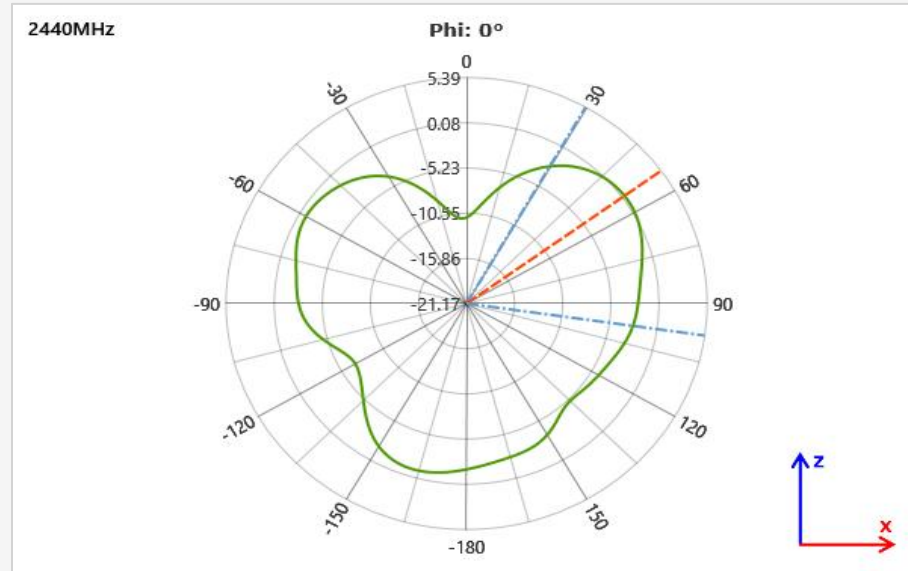
Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	0.04	-3.76	42.04
2410	0.29	-3.45	45.18
2420	0.44	-3.27	47.07
2430	0.67	-3.06	49.44
2440	1.13	-2.9	51.3
2450	1.17	-2.92	51.11
2460	1.13	-2.93	50.92
2470	1.03	-3.12	48.72
2480	0.76	-3.23	47.52
2490	0.56	-3.52	44.49
2500	0.46	-3.69	42.8



Antenna passive efficiency field diagram:

2# Sample

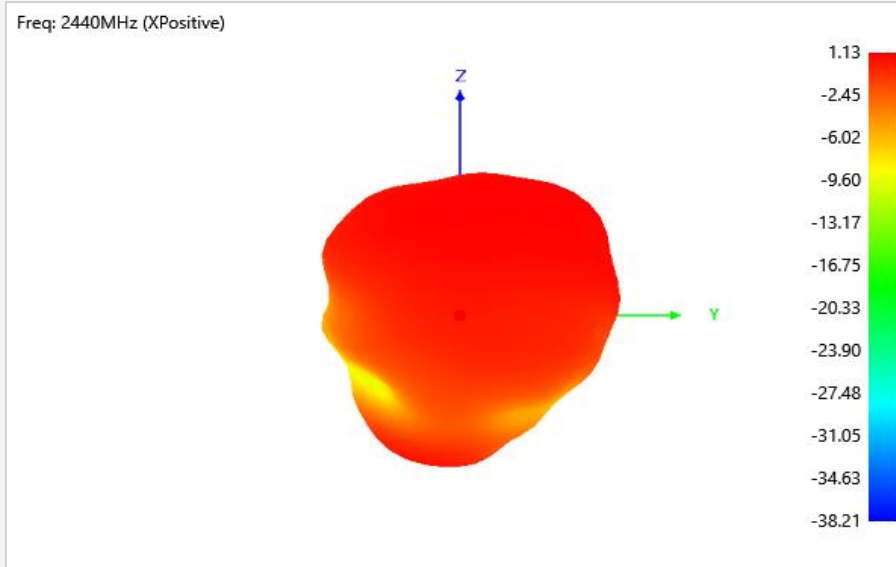
2440MHz



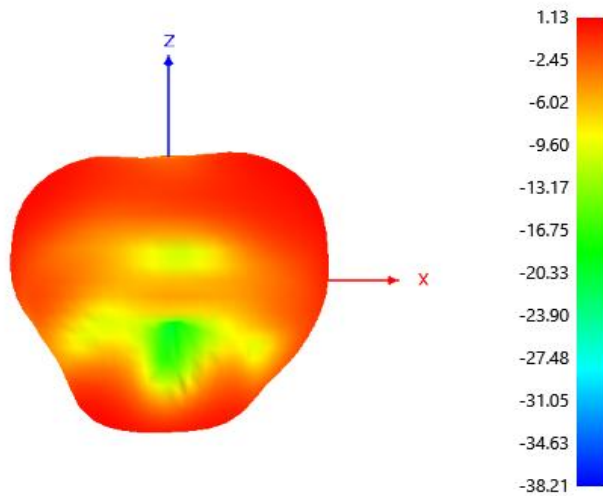
Antenna passive efficiency field diagram:

2# Sample

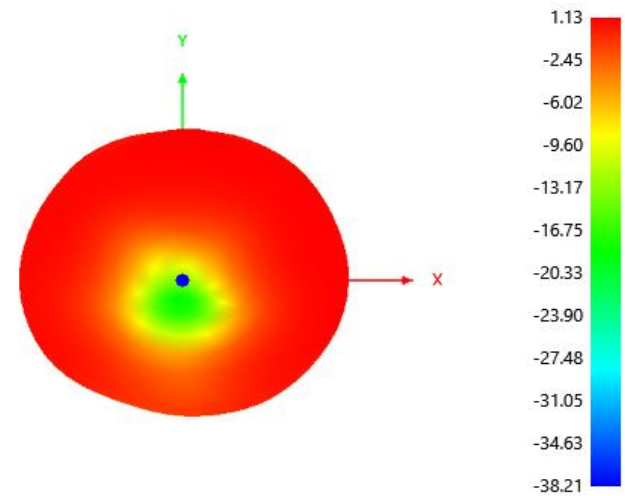
2440MHz



Freq: 2440MHz (YNegative)



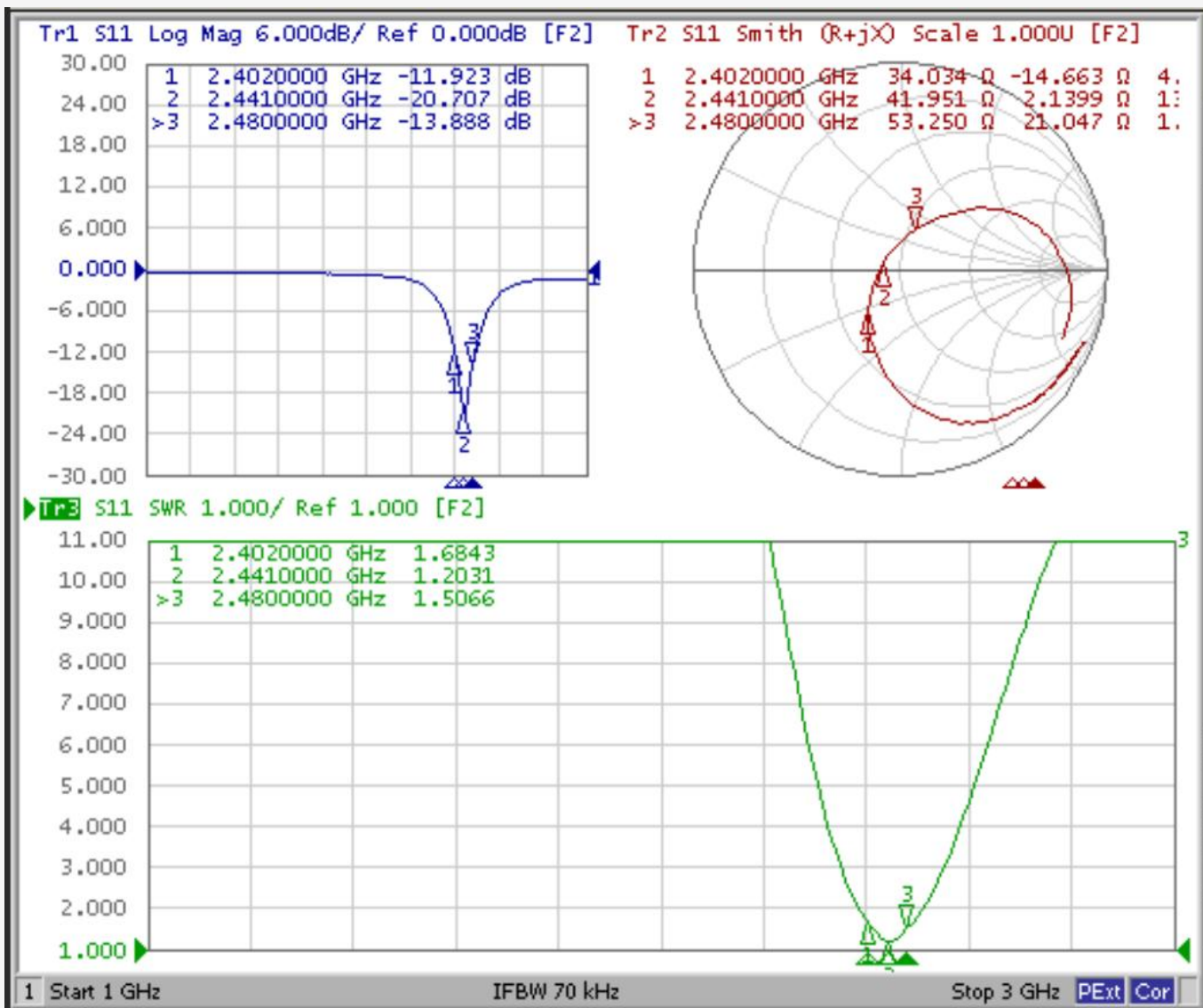
Freq: 2440MHz (ZPositive)



Antenna test results:

3# Sample

Overall machine data --- Antenna waveform diagram



Antenna passive
efficiency:

3# Sample

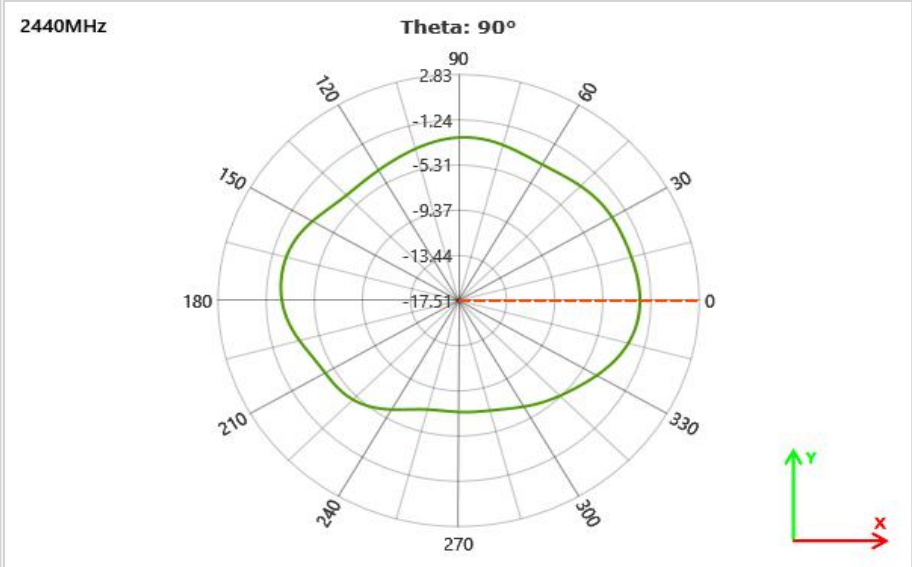
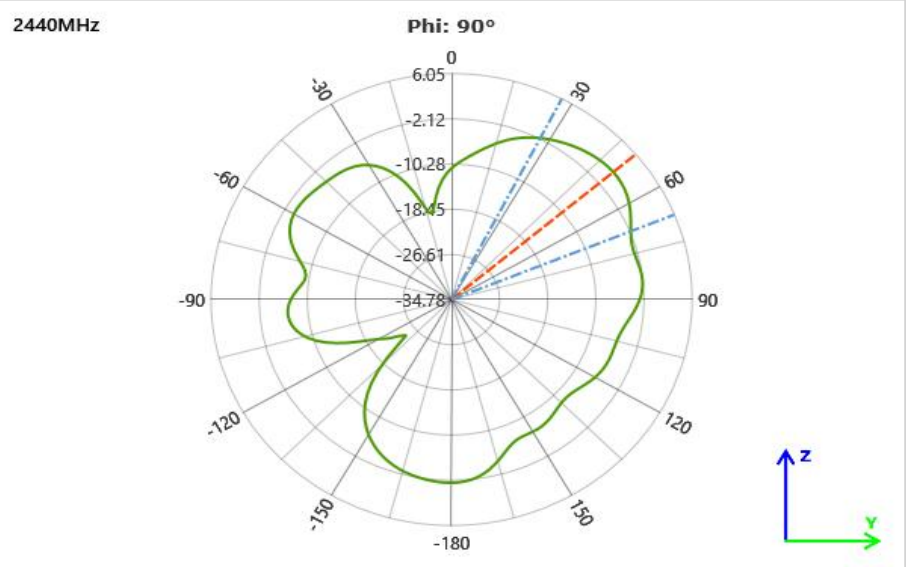
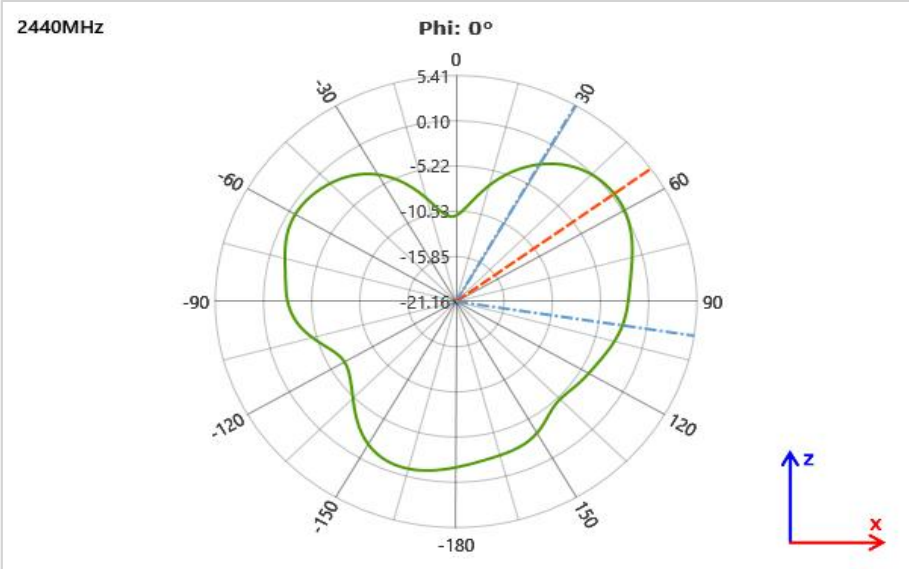
Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	0.11	-3.74	42.25
2410	0.3	-3.43	45.41
2420	0.45	-3.25	47.35
2430	0.69	-3.03	49.79
2440	1.17	-2.86	51.78
2450	1.31	-2.87	51.6
2460	1.16	-2.89	51.39
2470	1.07	-3.09	49.07
2480	0.78	-3.21	47.79
2490	0.58	-3.49	44.75
2500	0.49	-3.66	43.08



Antenna passive
efficiency
field diagram:

3# Sample

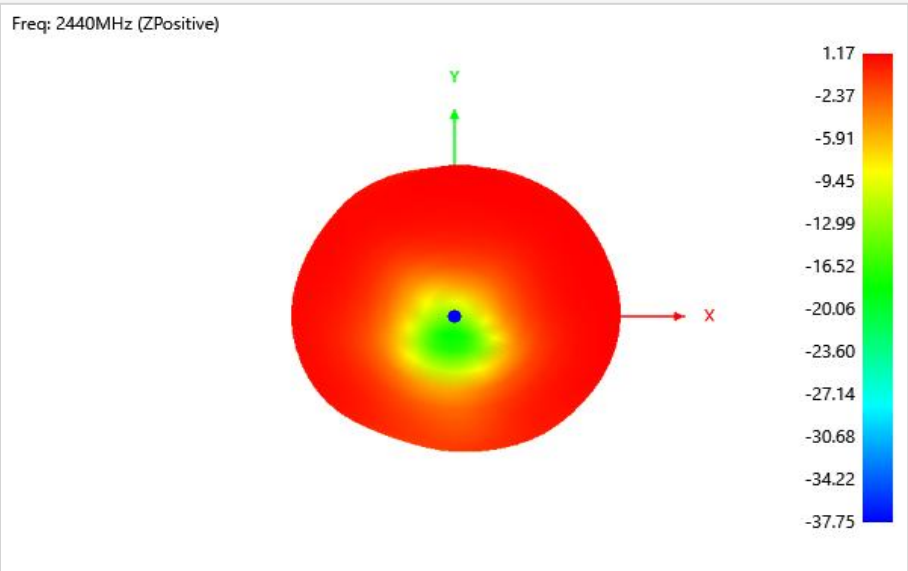
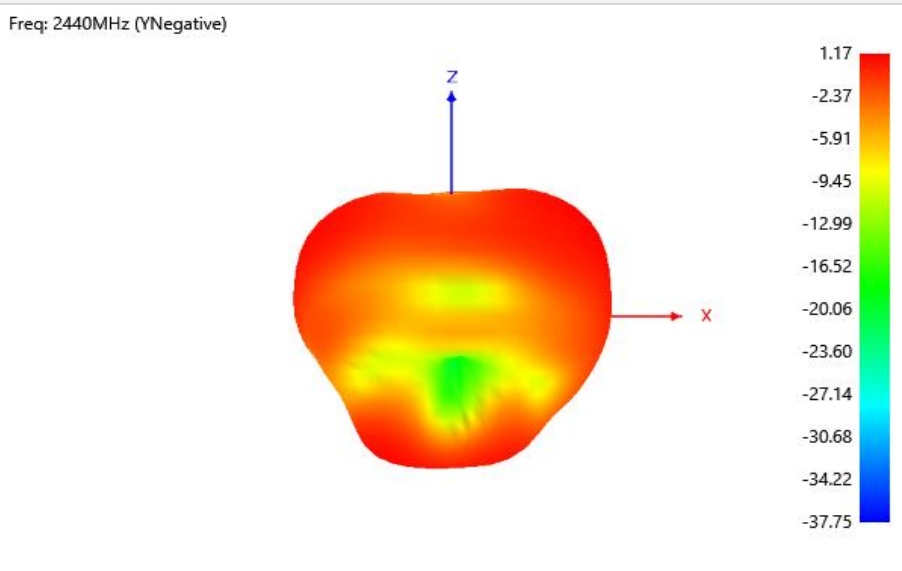
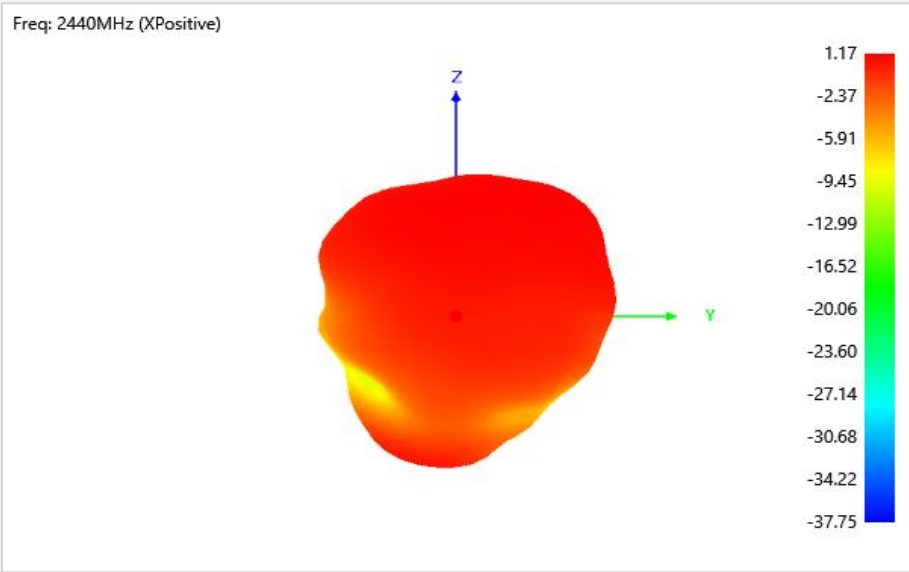
2440MHz



Antenna passive
efficiency
field diagram:

3# Sample

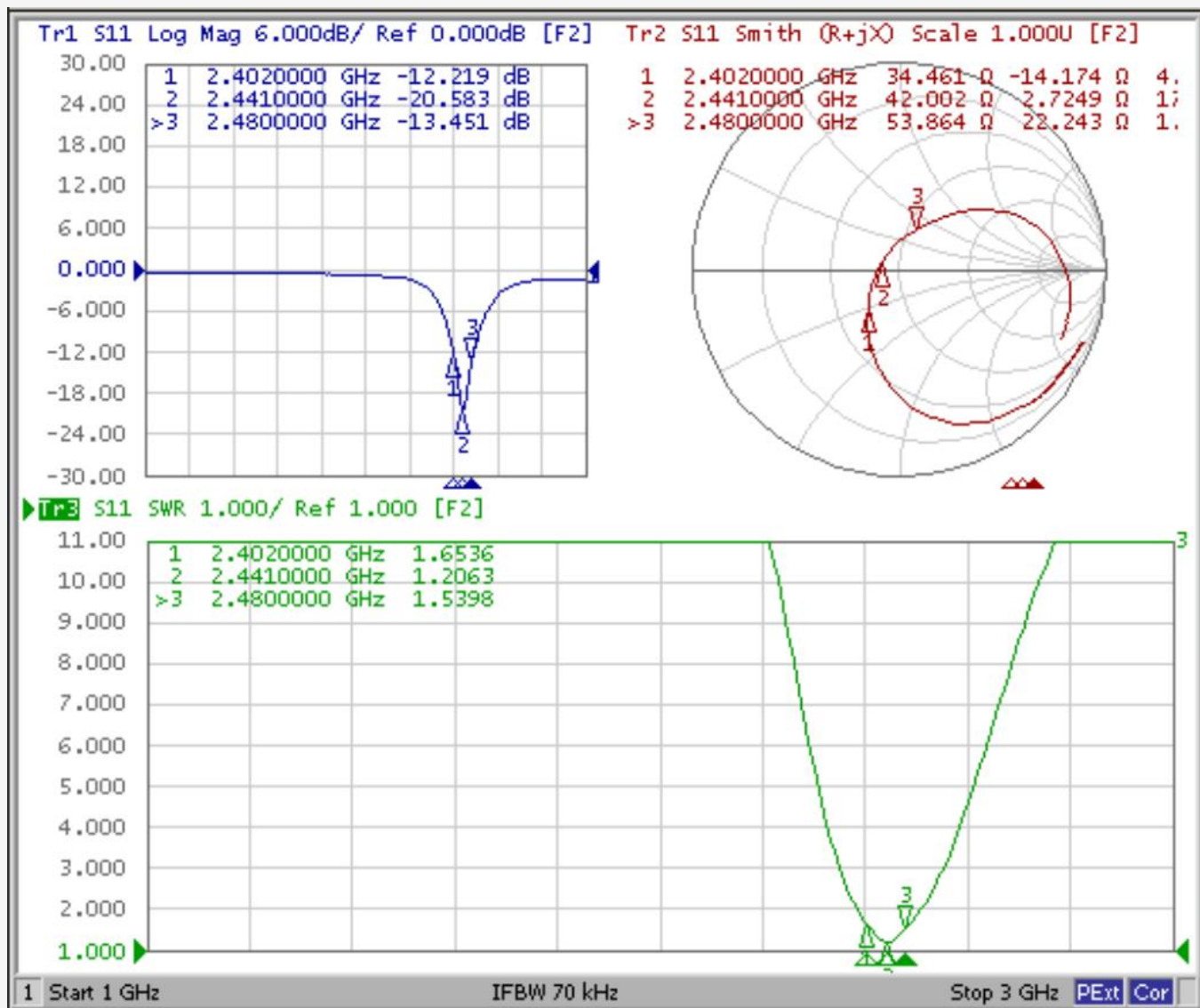
2440MHz



Antenna test results:

4# Sample

Overall machine data --- Antenna waveform diagram



Antenna passive
efficiency:

4# Sample

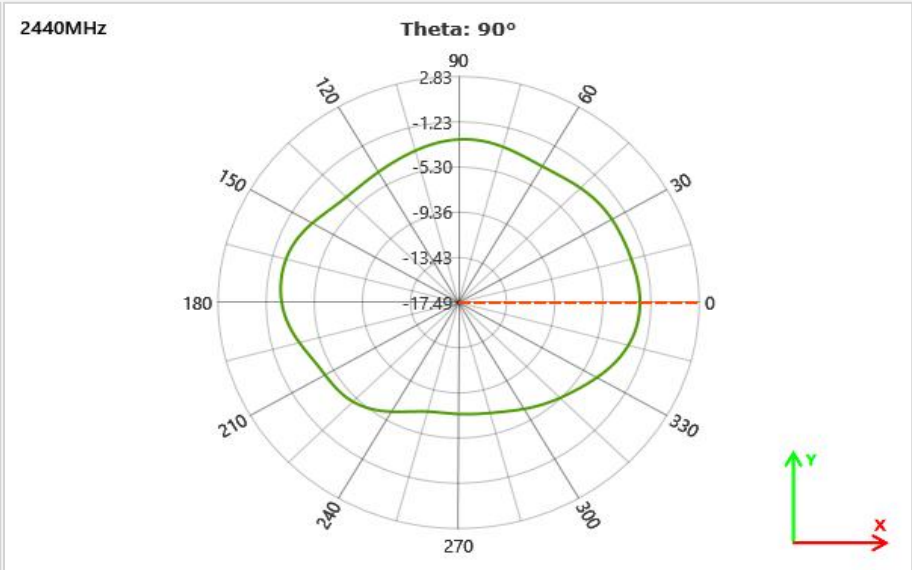
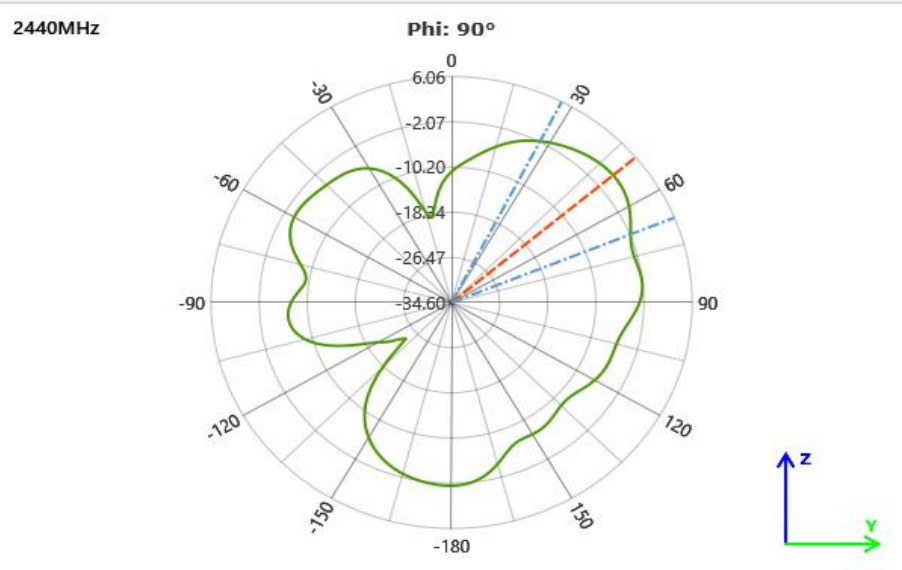
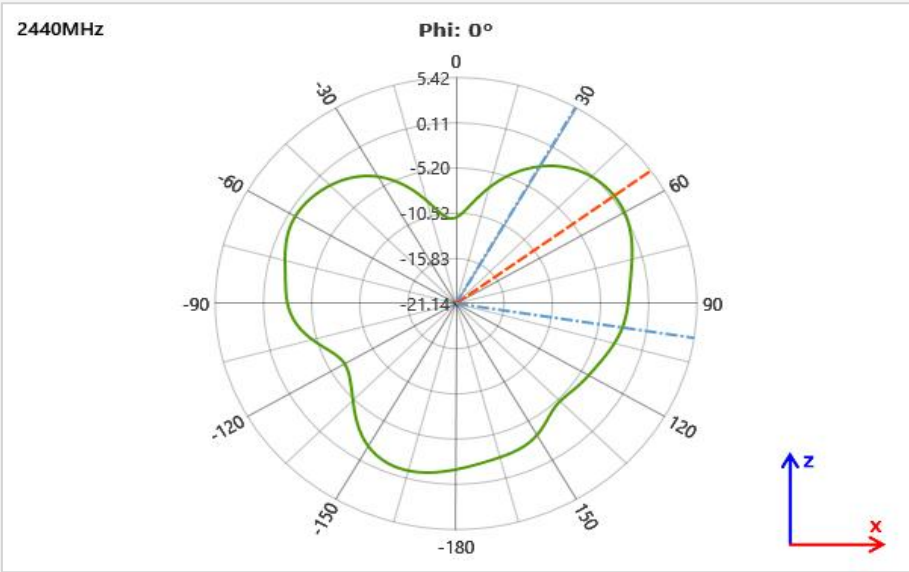
Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	0.12	-3.74	42.31
2410	0.32	-3.42	45.49
2420	0.46	-3.24	47.43
2430	0.7	-3.02	49.9
2440	1.17	-2.85	51.88
2450	1.21	-2.86	51.75
2460	1.18	-2.88	51.52
2470	1.08	-3.08	49.17
2480	0.8	-3.2	47.89
2490	0.59	-3.48	44.84
2500	0.49	-3.65	43.17



Antenna passive
efficiency
field diagram:

4# Sample

2440MHz



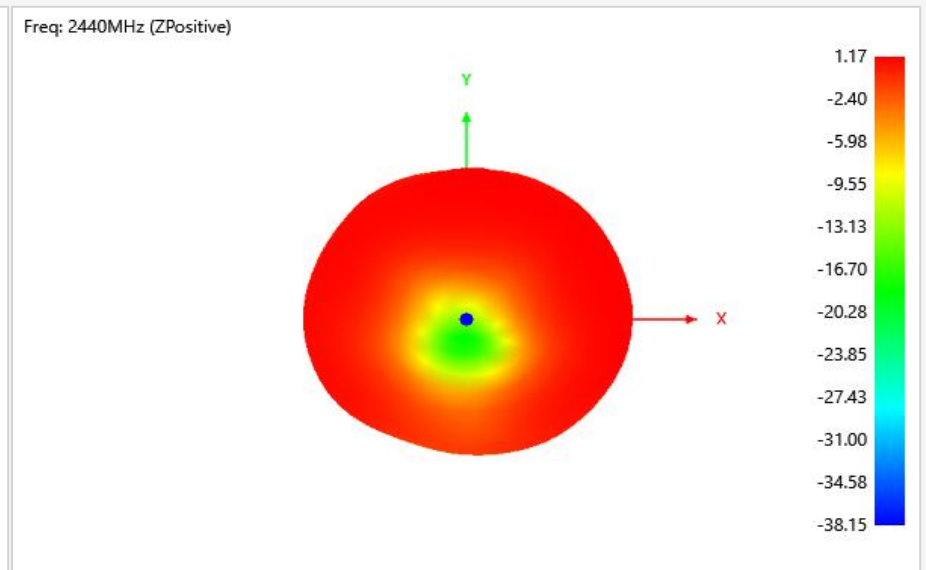
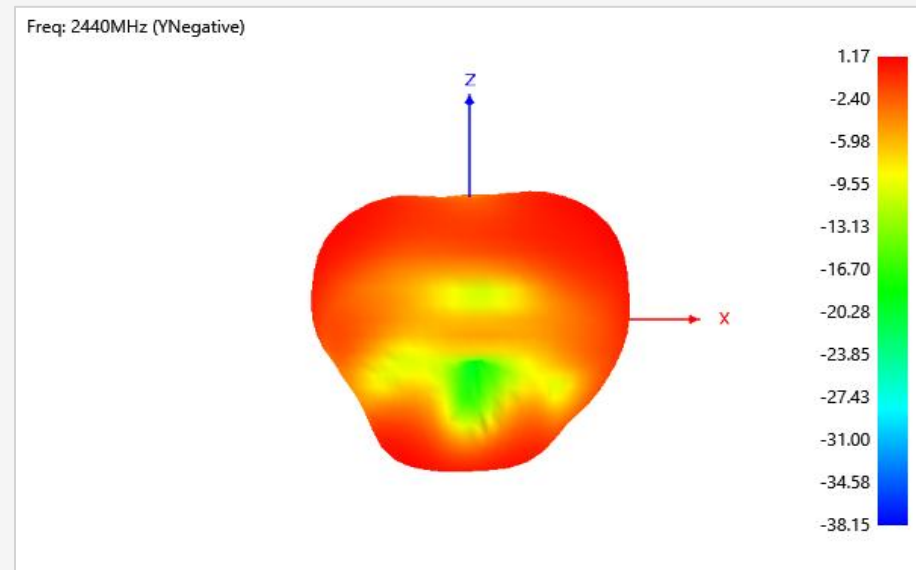
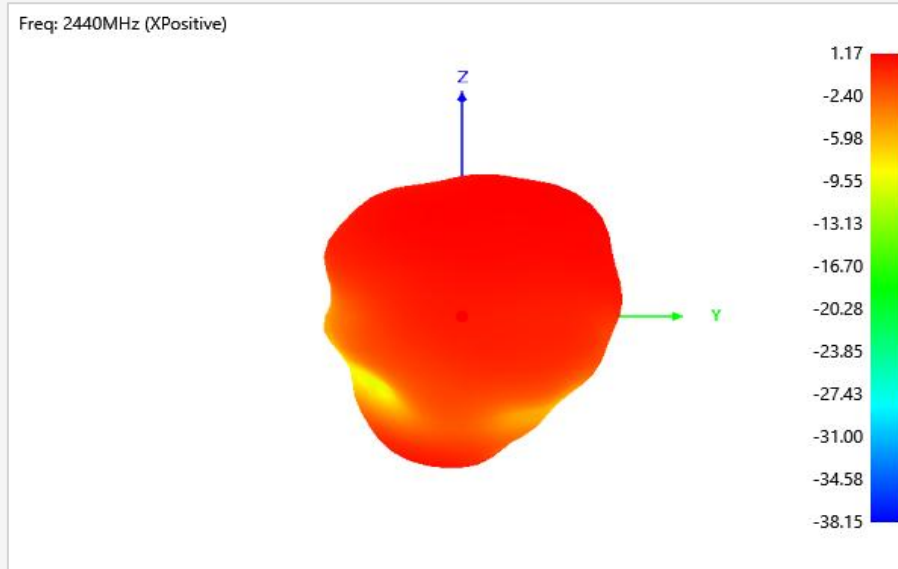
Antenna passive

efficiency

field diagram:

4# Sample

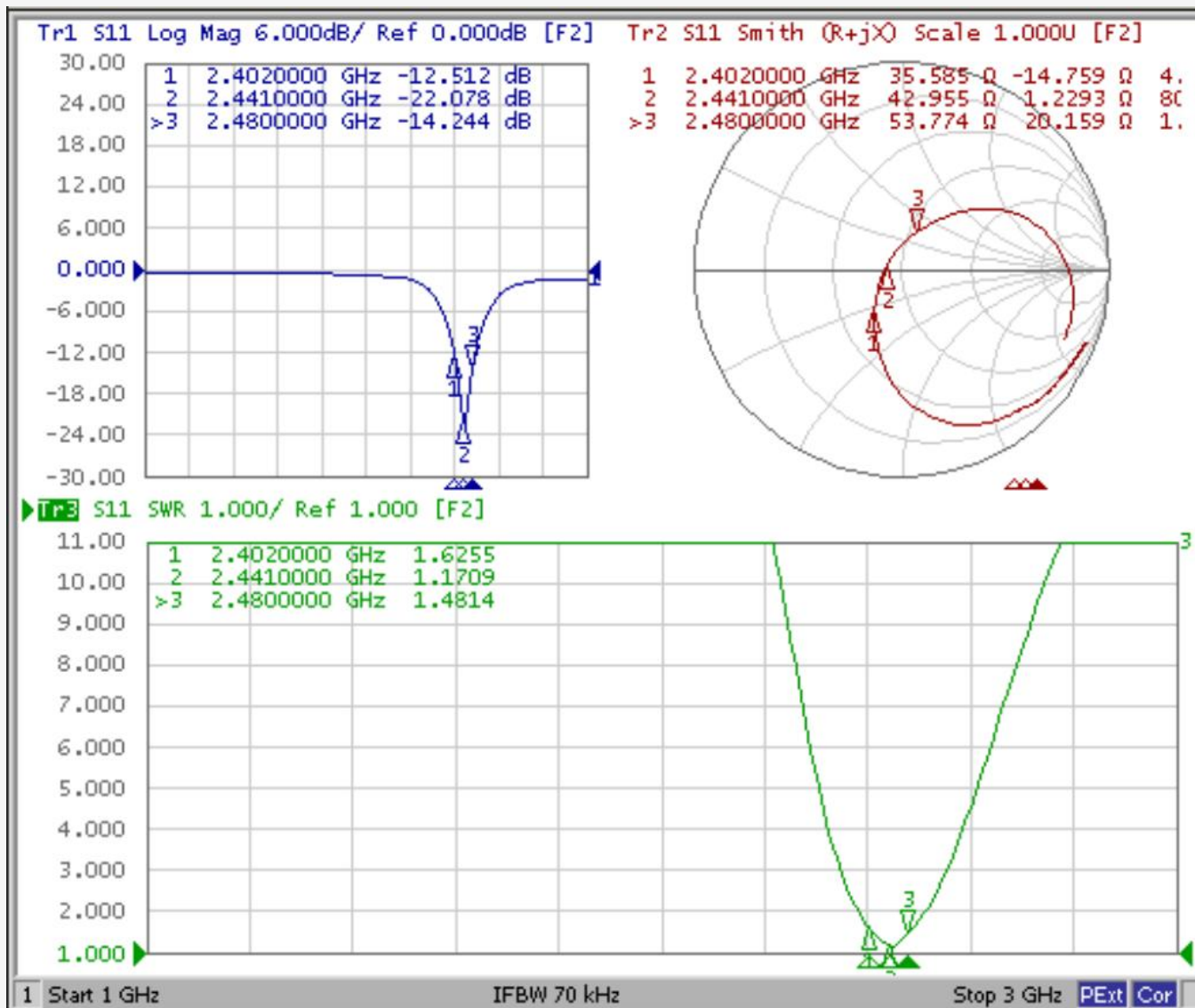
2440MHz



Antenna test results:

5# Sample

Overall machine data --- Antenna waveform diagram



Antenna passive
efficiency:

5# Sample

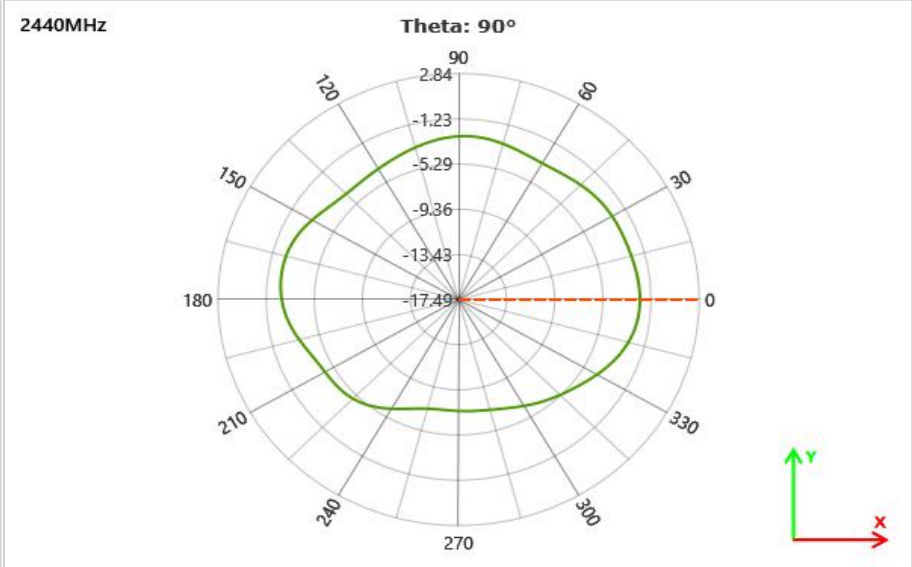
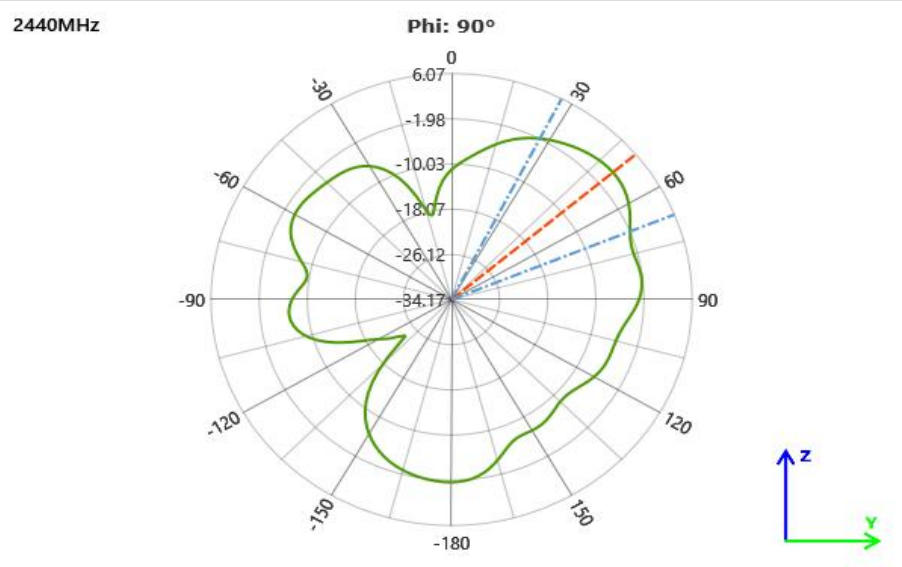
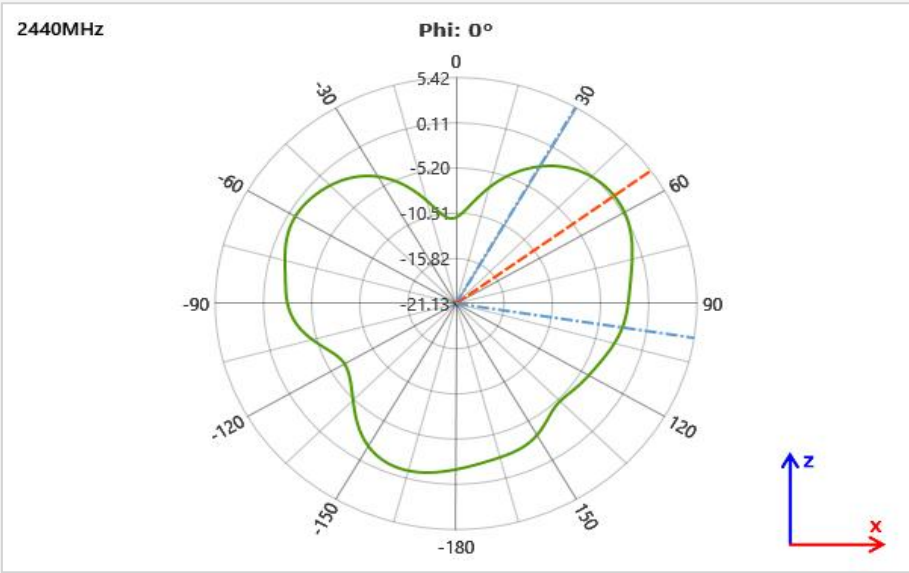
Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	0.11	-3.73	42.37
2410	0.31	-3.42	45.55
2420	0.46	-3.23	47.5
2430	0.71	-3.01	49.97
2440	1.18	-2.84	52
2450	1.33	-2.85	51.85
2460	1.18	-2.87	51.62
2470	1.08	-3.08	49.24
2480	0.8	-3.19	47.96
2490	0.6	-3.48	44.91
2500	0.5	-3.64	43.25



Antenna passive
efficiency
field diagram:

5# Sample

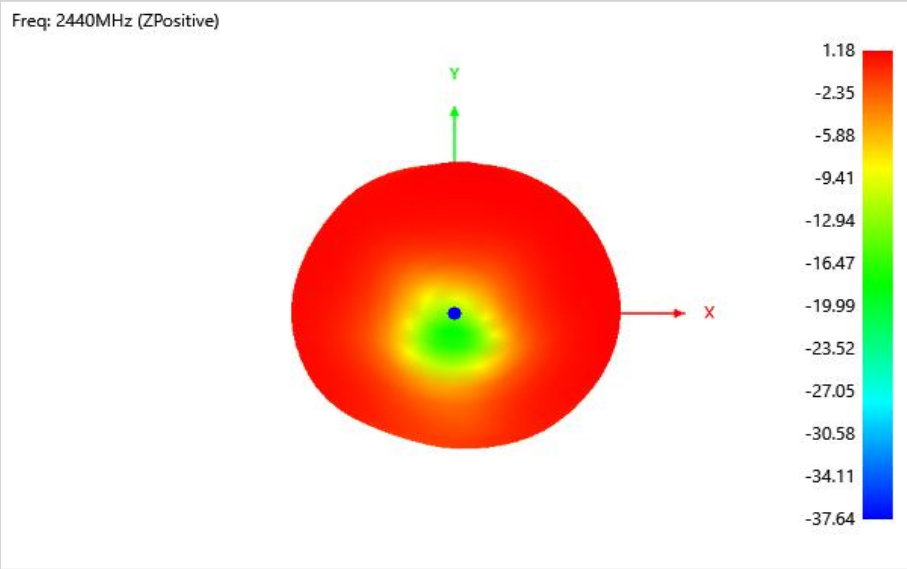
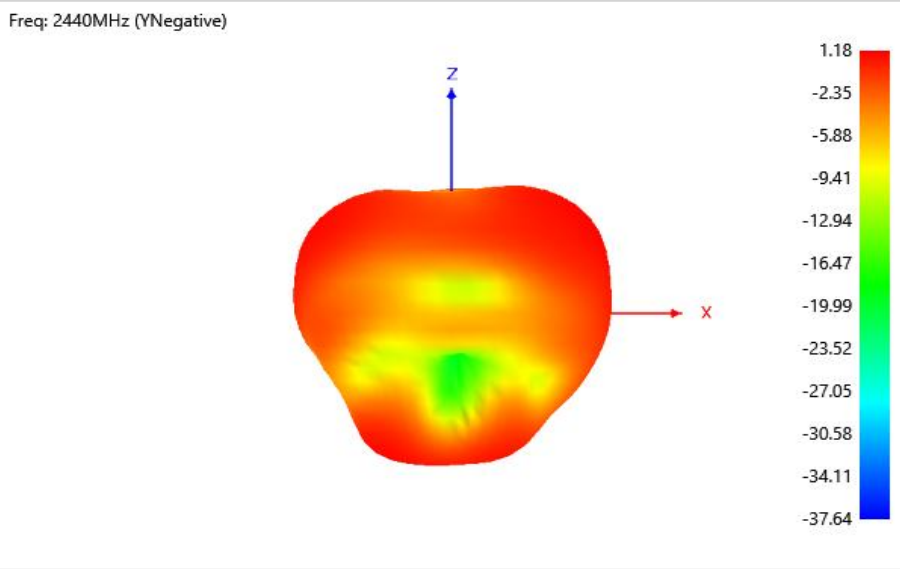
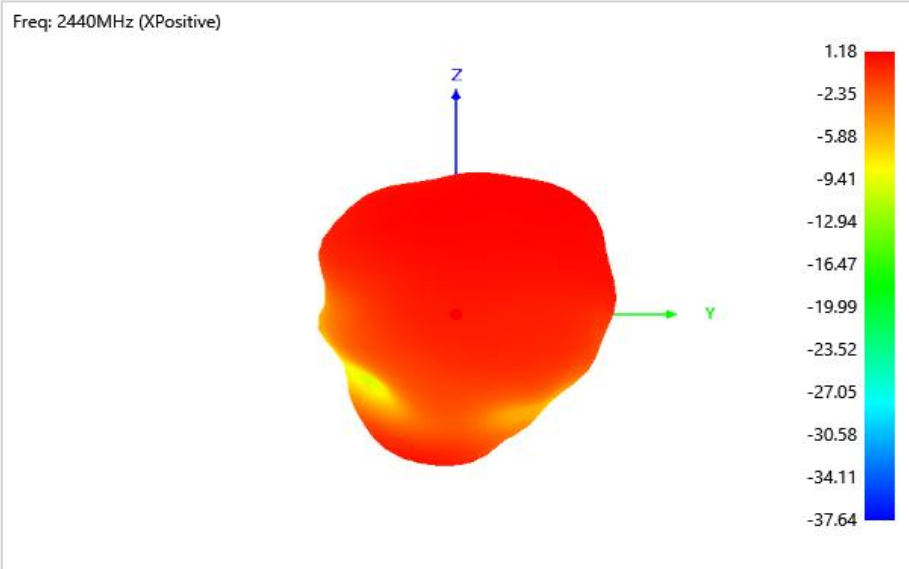
2440MHz



Antenna passive
efficiency
field diagram:

5# Sample

2440MHz



Thanks

