

K3AMZ3 WiFi Antenna Evaluation report _20240327

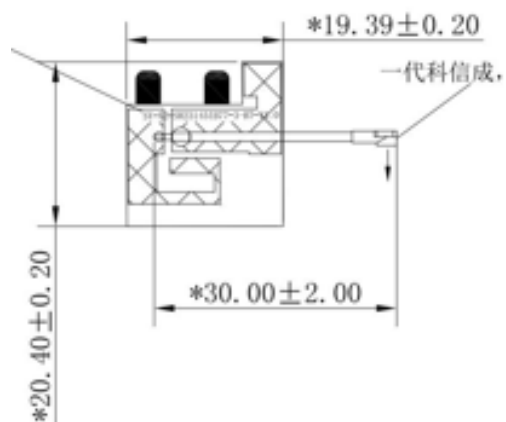
Bill.Ren
2024/03/27

Version	Time	Description
A1	2024/03/27	K3AMZ3 WiFi Antenna first evaluation

➤ Content

1. Antenna impedance VSWR;
2. Antenna Efficiency;
3. Antenna Gain;
4. Antenna Radiation 3D;
5. Antenna Radiation 2D;

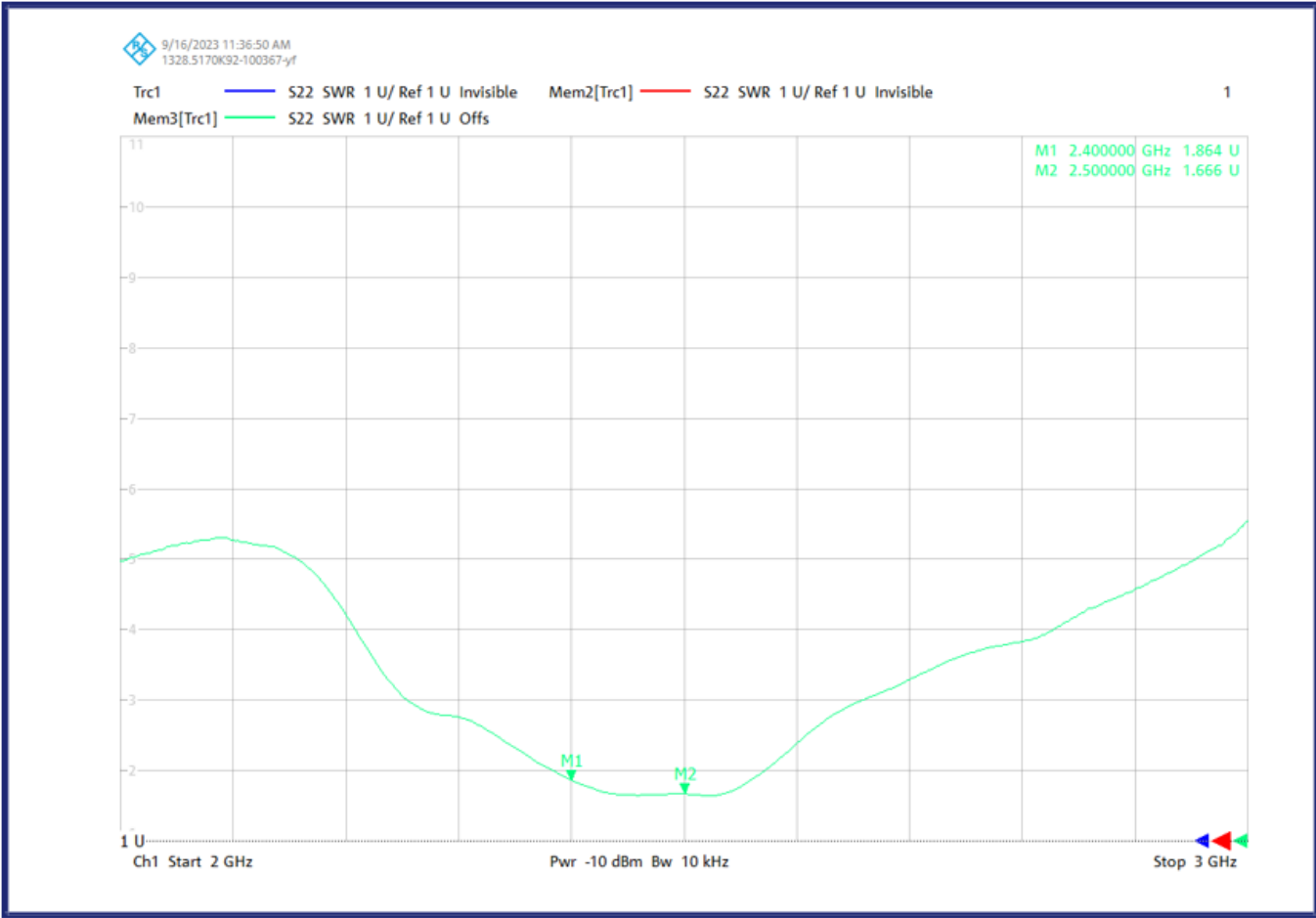
➤ Antenna information



Company Name: Shanghai Loostone Information Technology Co., Ltd.

Add: Room 601, Building 9, No. 351, Sizhuan Road, Sijing Town, Songjiang District, Shanghai, China

Antenna VSWR as below:



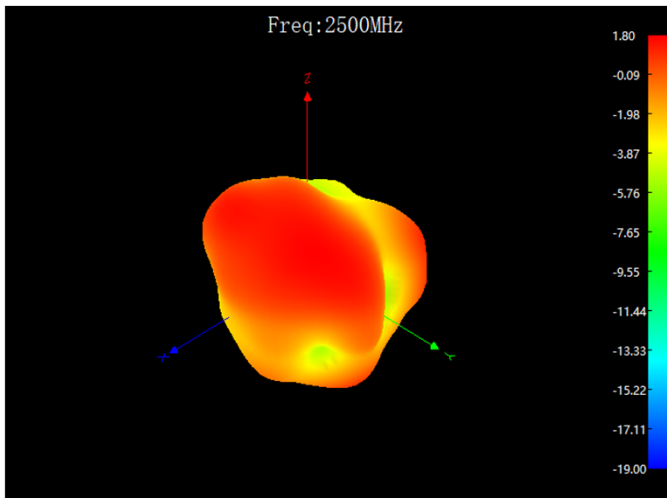
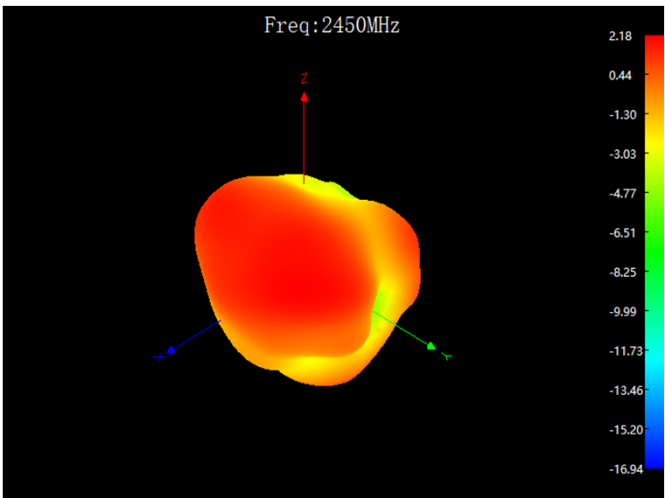
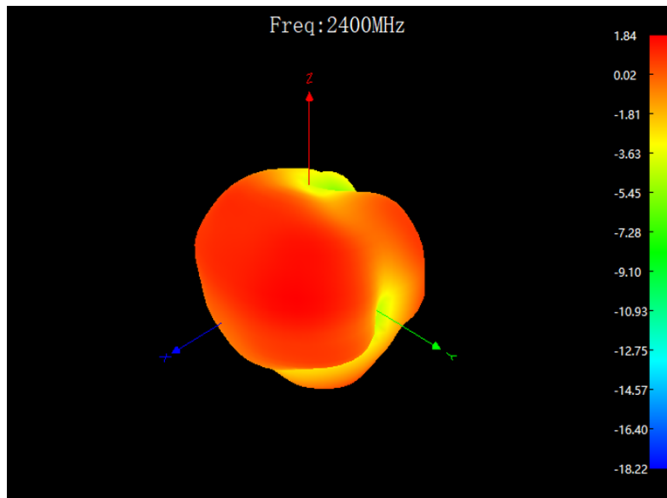
Comments

- VSWR
- 2400MHz: 1.86
- 2500MHz: 1.66

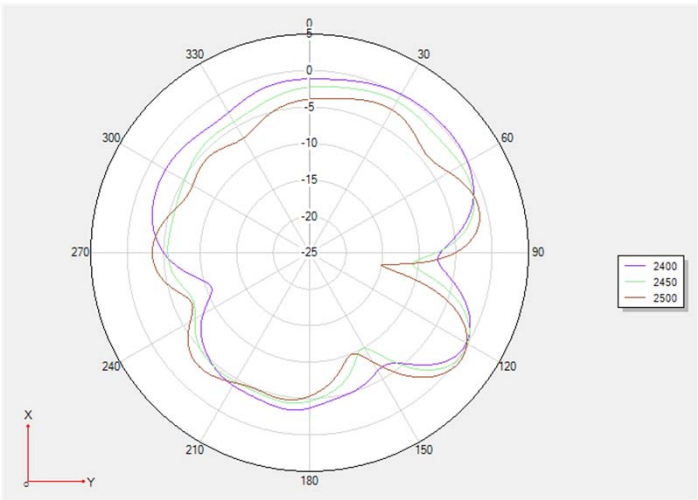
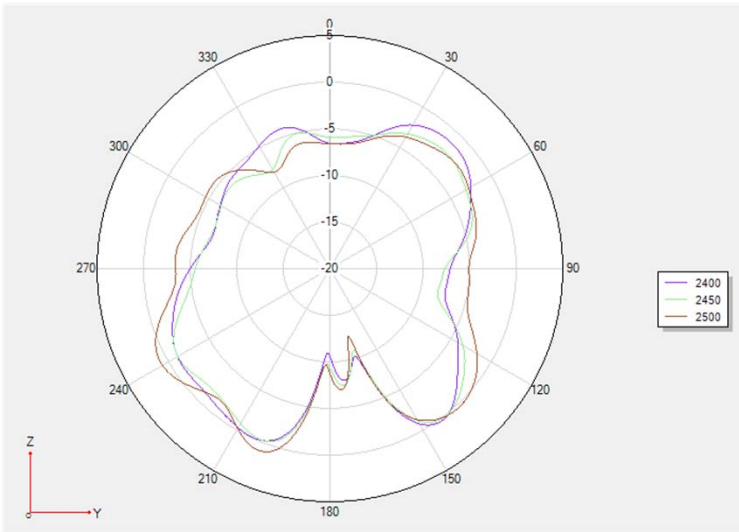
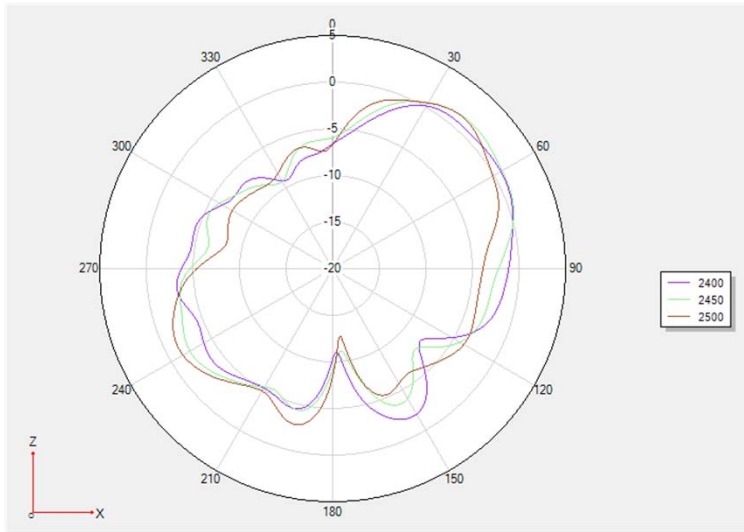
Efficiency and Gain:

Frequency/Mhz	Efficiency / dB	Efficiency / %	MaxGain/ dBi
2400	-3.04	49.66	1.84
2410	-2.78	52.72	1.75
2420	-2.52	55.98	2.41
2430	-2.74	53.21	2.23
2440	-2.85	51.88	1.7
2450	-2.72	53.46	2.18
2460	-2.96	50.58	2.7
2470	-2.97	50.47	1.95
2480	-3.17	48.19	2.17
2490	-3.22	47.64	2.39
2500	-2.96	50.58	1.8

Radiation 3D:



Radiation 2D:



THANK YOU !