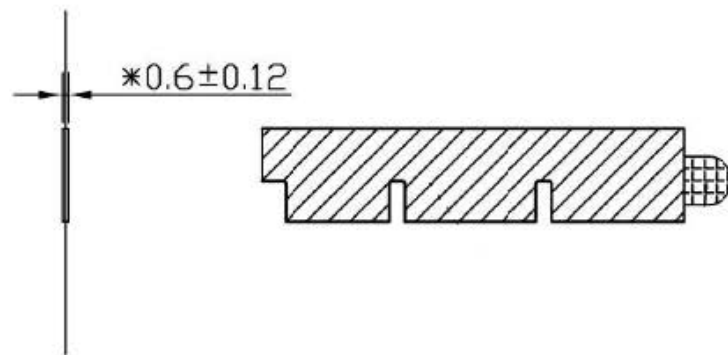
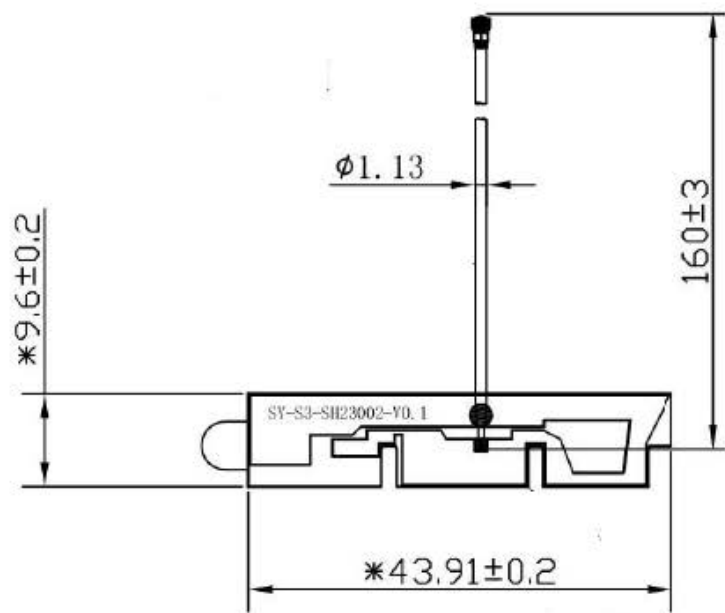


S3 Antenna Evaluation report _20231218

Bill.Ren
2023/12/18



UNIT: mm

Manufacturer: Shanghai Loostone Information Technology Co., Ltd.

Model name: S3

➤ Content

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

Antenna VSWR as below:

Comments

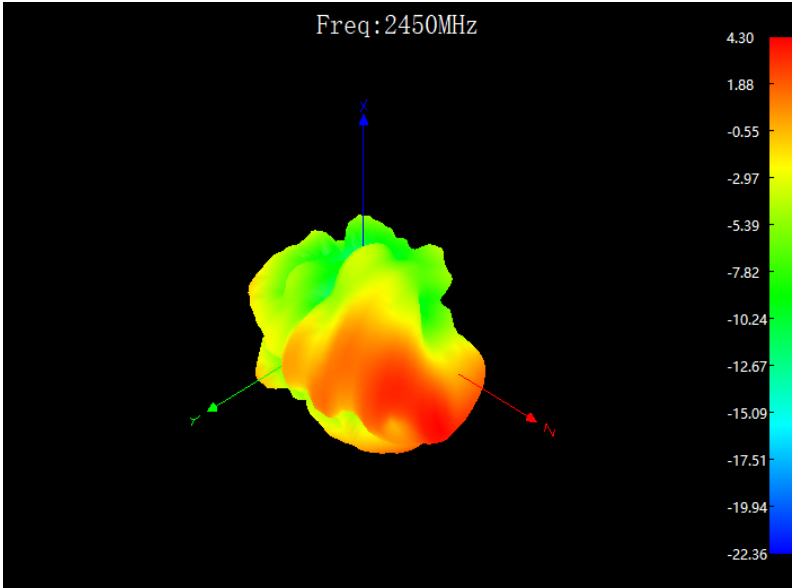
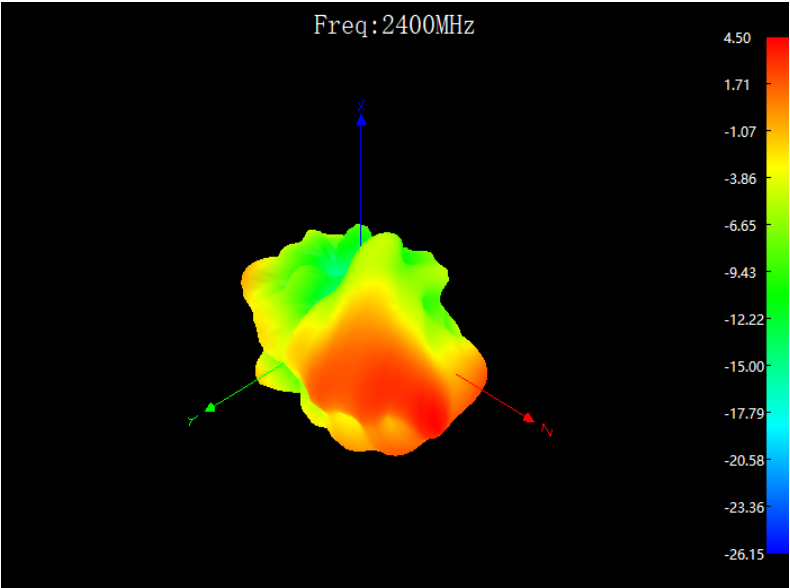
- VSWR
- 2400MHz: 1.40
- 2500MHz: 1.39



Efficiency and Gain:

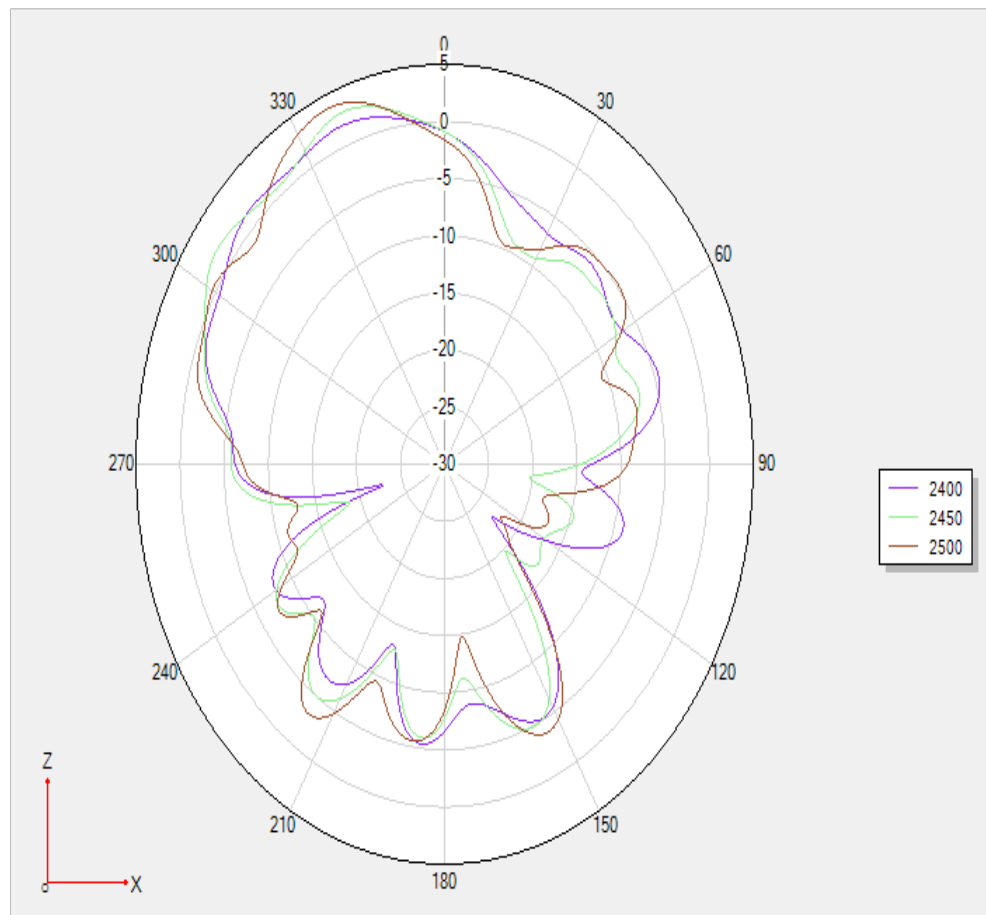
Freq	Effi	Effi	MaxGain/
(MHz)	(%)	(dB)	dbi
2400	56.37	-2.49	4.50
2410	57.05	-2.44	4.27
2420	57.09	-2.43	3.98
2430	58.60	-2.32	4.49
2440	59.17	-2.28	4.48
2450	60.36	-2.19	4.30
2460	59.58	-2.25	4.32
2470	58.70	-2.31	4.37
2480	58.47	-2.33	4.44
2490	57.75	-2.38	4.30
2500	57.42	-2.41	4.35

Radiation 3D:



Radiation 2D:

$\Phi=0^\circ$



$\Theta=90^\circ$

