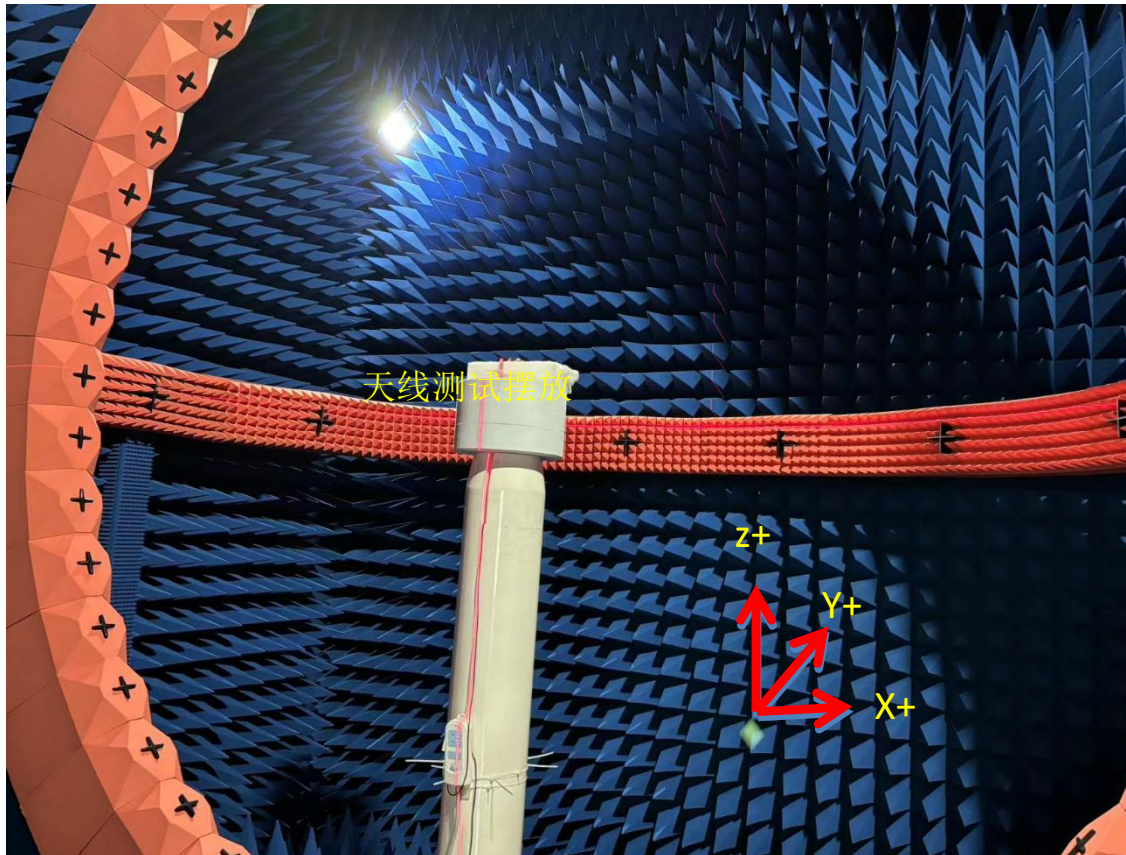


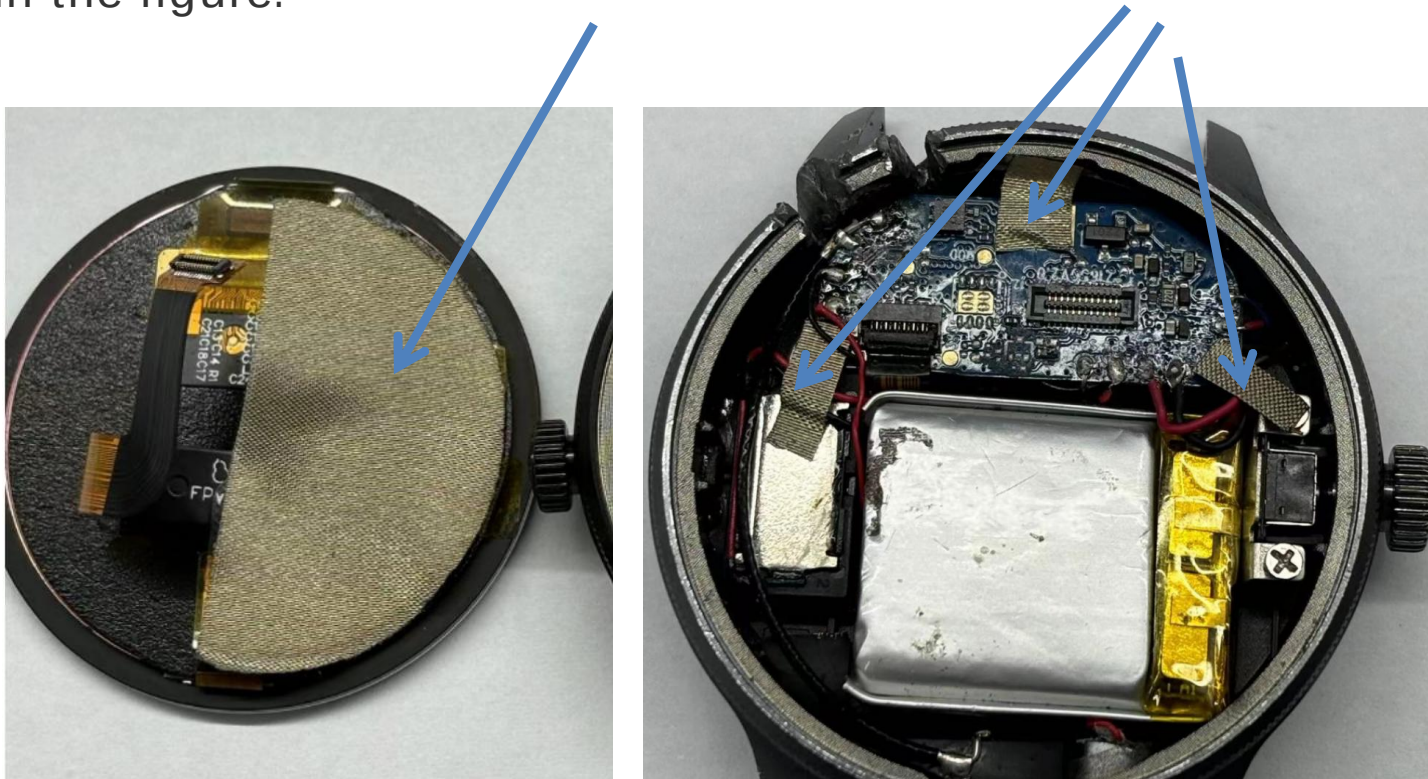
Test scenario

The radiation pattern provides information about the antenna directivity and three-dimensional gain performance by plotting the gain at a particular frequency in three orthogonal planes. The radiation pattern is shown in the figure.



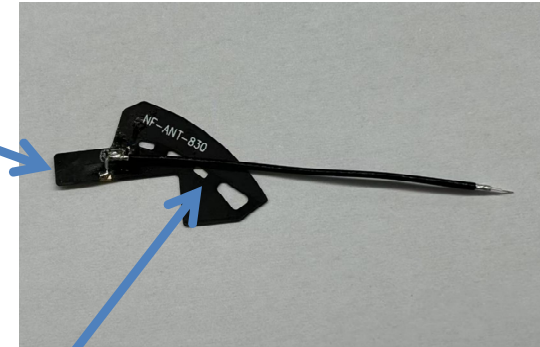
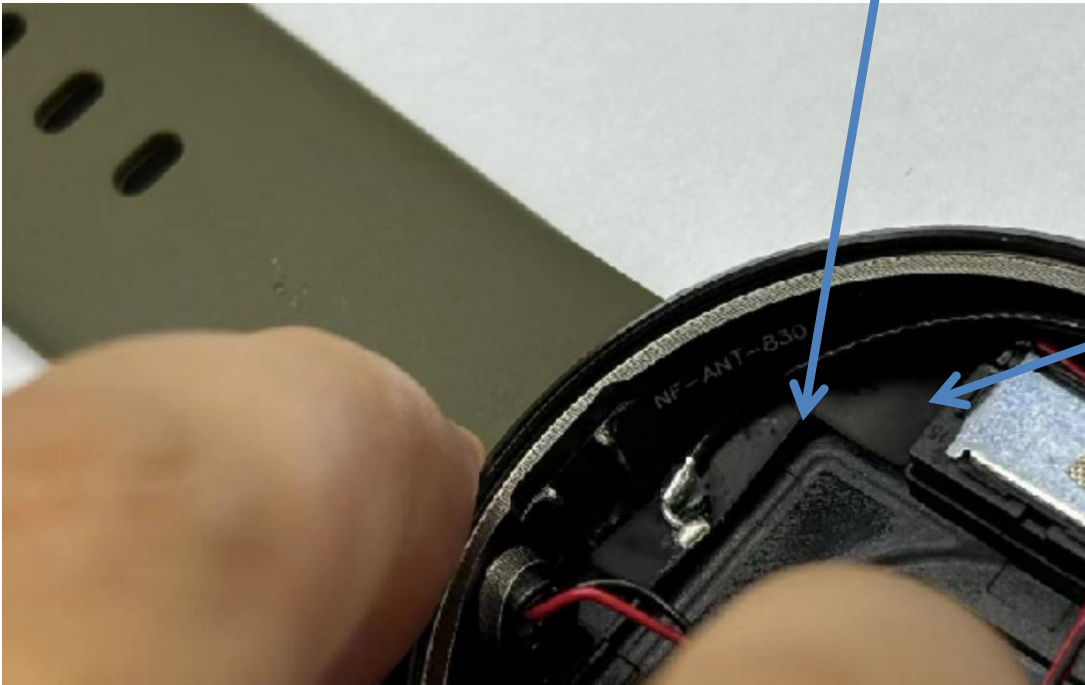
Precautions for antenna installation

The size and location of the motherboard ground and screen conductive cloth are shown in the figure.



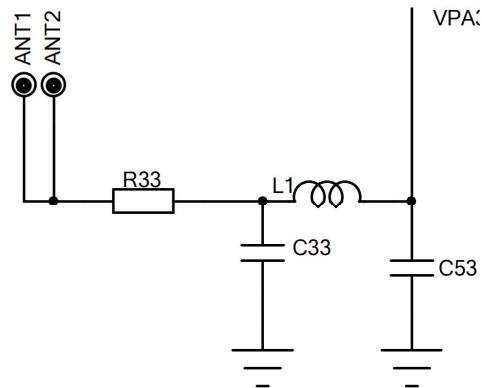
Precautions for antenna installation

Bone position localization



The antenna is aligned along the bezel, and the antenna feedthrough needs to be folded to adhere the silk-screened part to the metal bez, with the feedthrough serving as the boundary.

Antenna parameters



天线无匹配

主板不需要更改

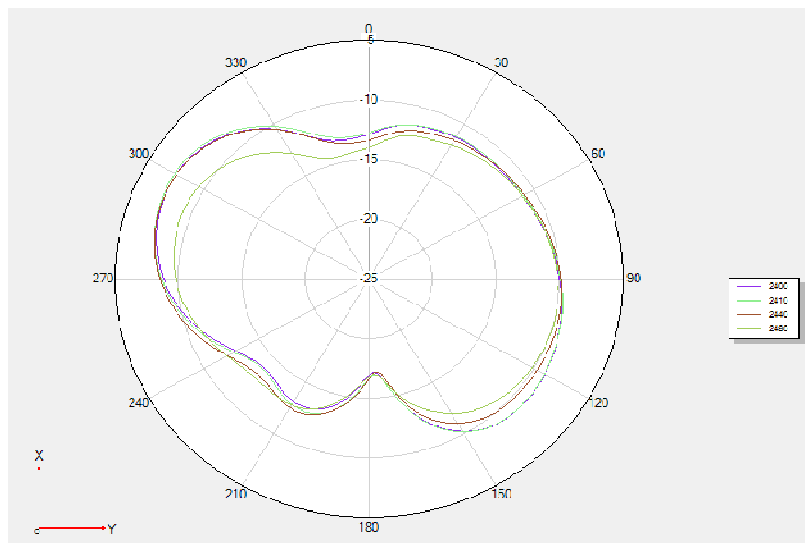
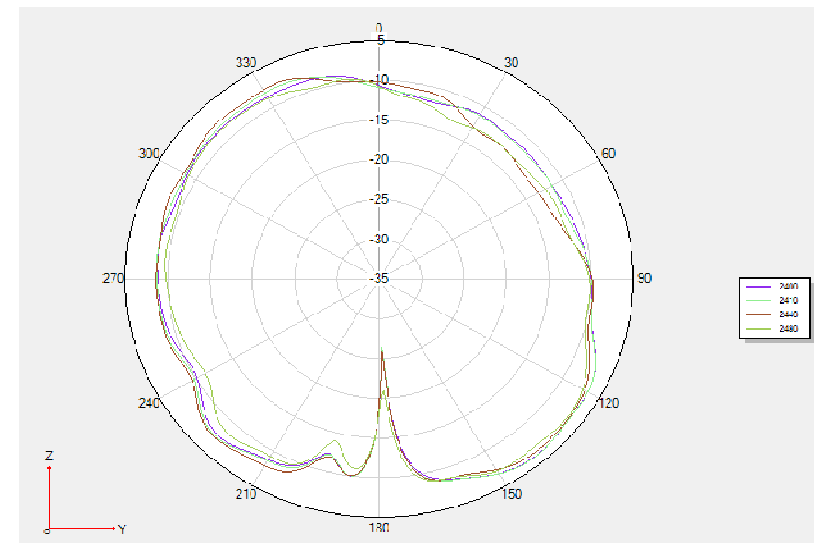
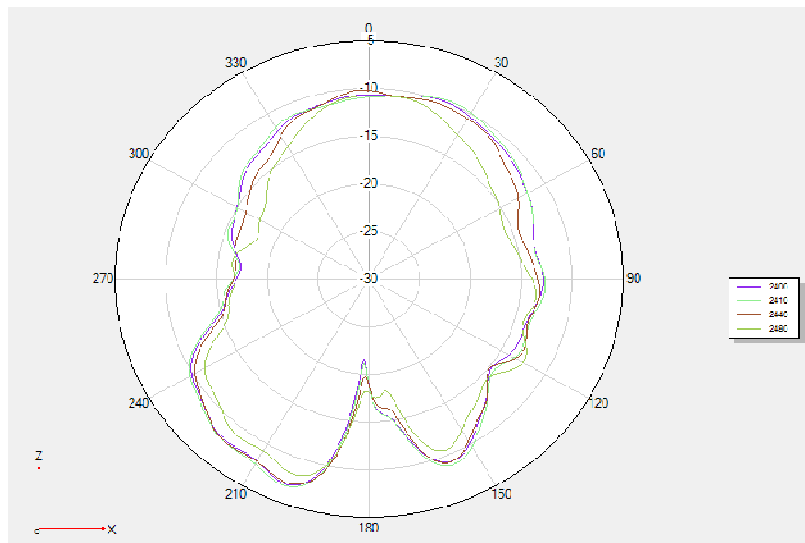


Freq	2.4GHz	2.5GHz	spce
VSWR	1.83	1.85	<2
Log Mag	-10.6	-10.4	<-10

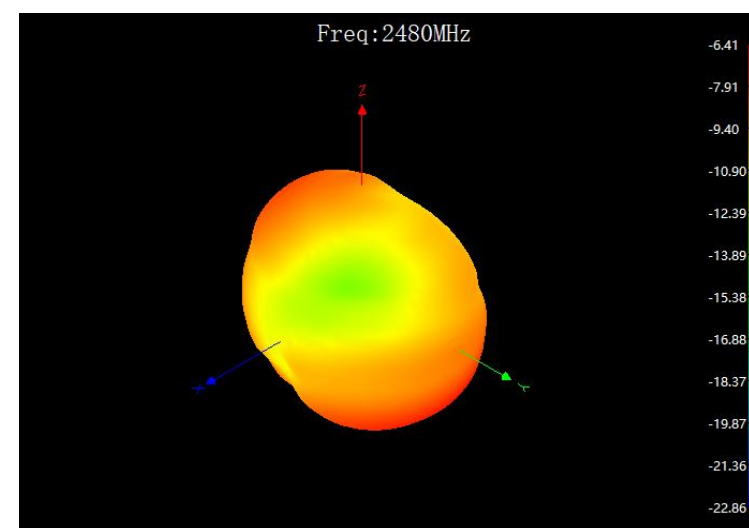
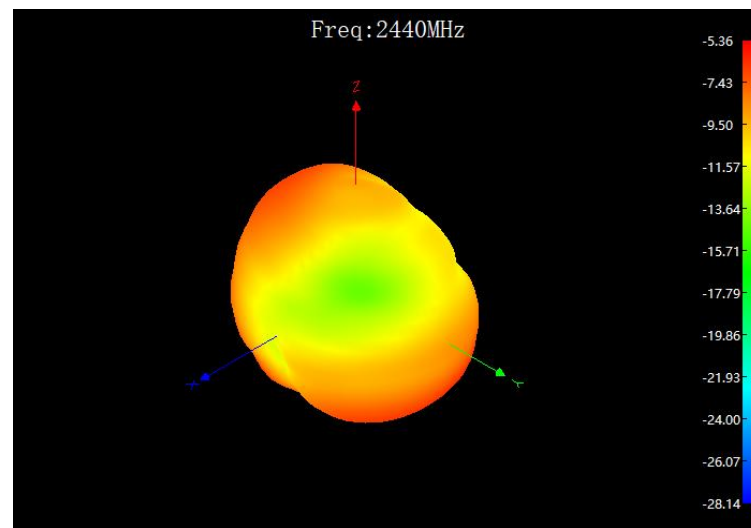
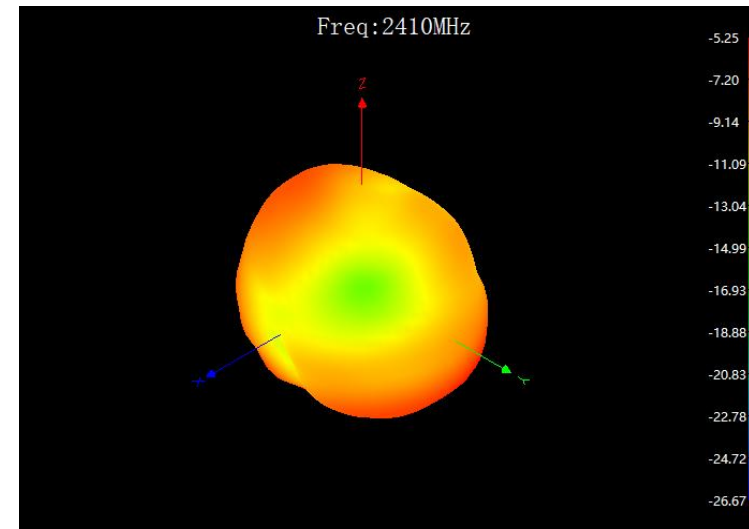
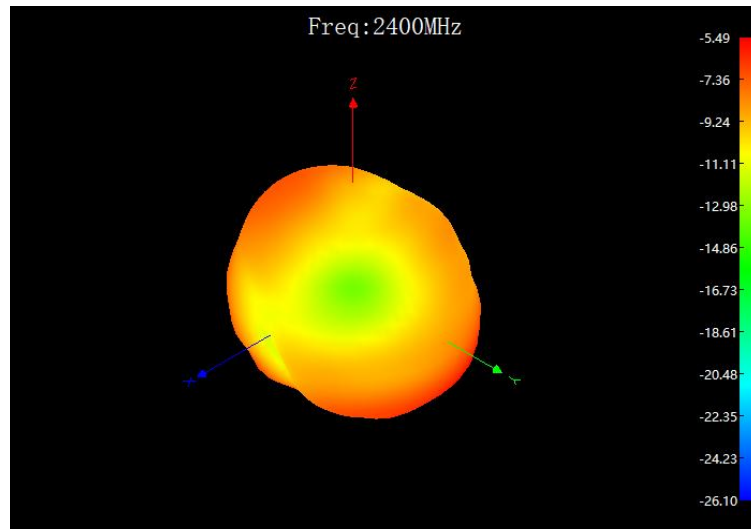
Antenna unmatched Motherboard needs no changes

Frequency/Mhz	Efficiency / %	Gain/dBi
2400	10.35	-5.49
2410	10.72	-5.25
2420	9.98	-5.49
2430	9.71	-5.51
2440	9.64	-5.36
2450	8.91	-5.63
2460	8.69	-5.97
2470	8.65	-6.14
2480	8.24	-6.41

Antenna 2D radiation pattern parameters



Antenna 3D radiation pattern parameters





Thank You!

The Concepts National Income And National Product Have Roughly The Same Value And Can Be Used Interchangeably If Our Interest Is In Their

