



A better self, a bigger world

# Skyx-Debugging report



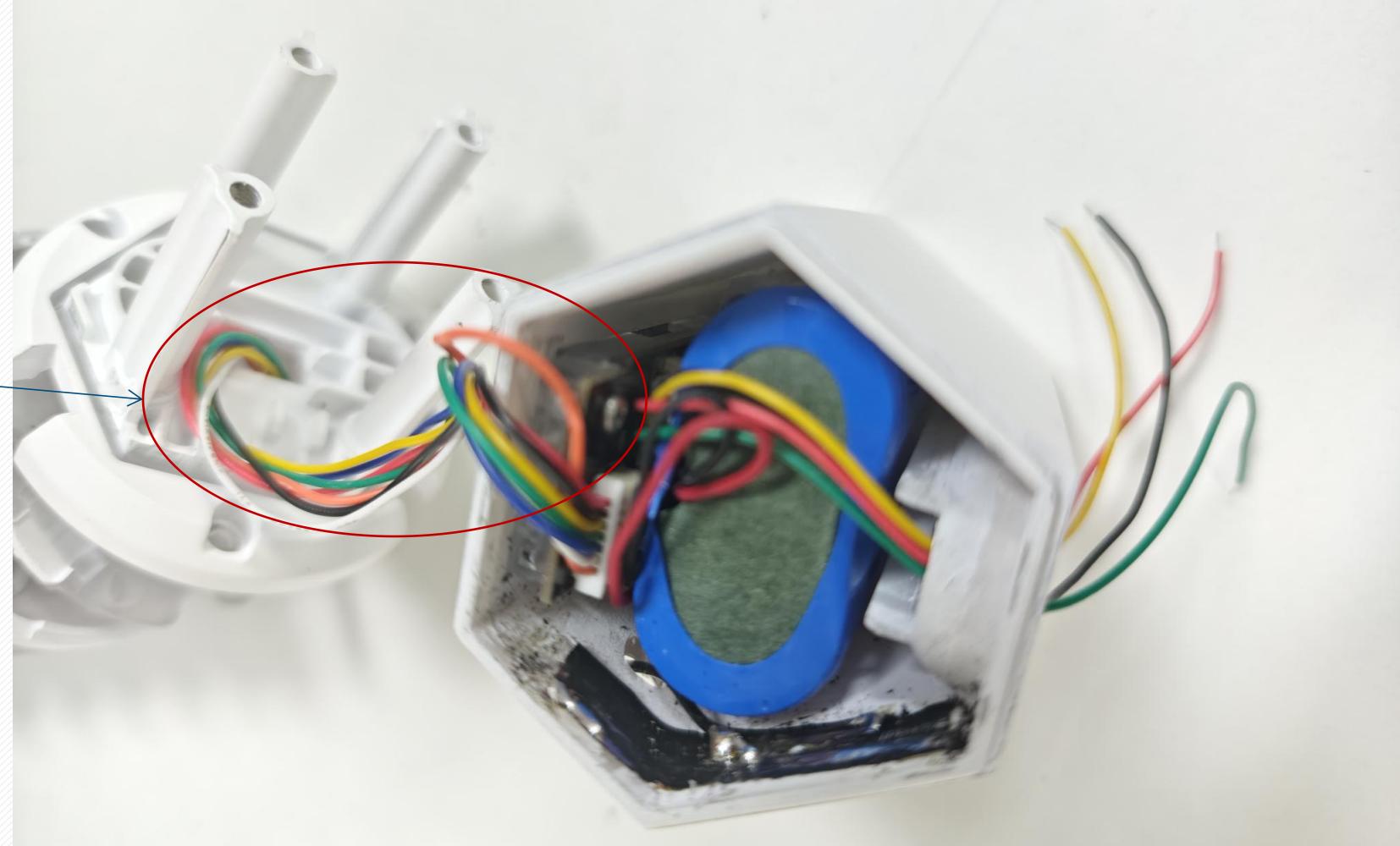
IOE

Client:	KAN TIAN TECHN.INC
Project:	Skyx
Frequency:	2.4G
Antenna Type	FPC
Manufacturer	Shenzhen Ioe Communcion Technology Co.,Ltd.
Address	2nd Floor, Building 3, Fifth Industrial Zone, Tianliao Community, Guangming District, Shenzhen, Guangdong Province, China

Model IOE-Skyx 2.4G-V1.0

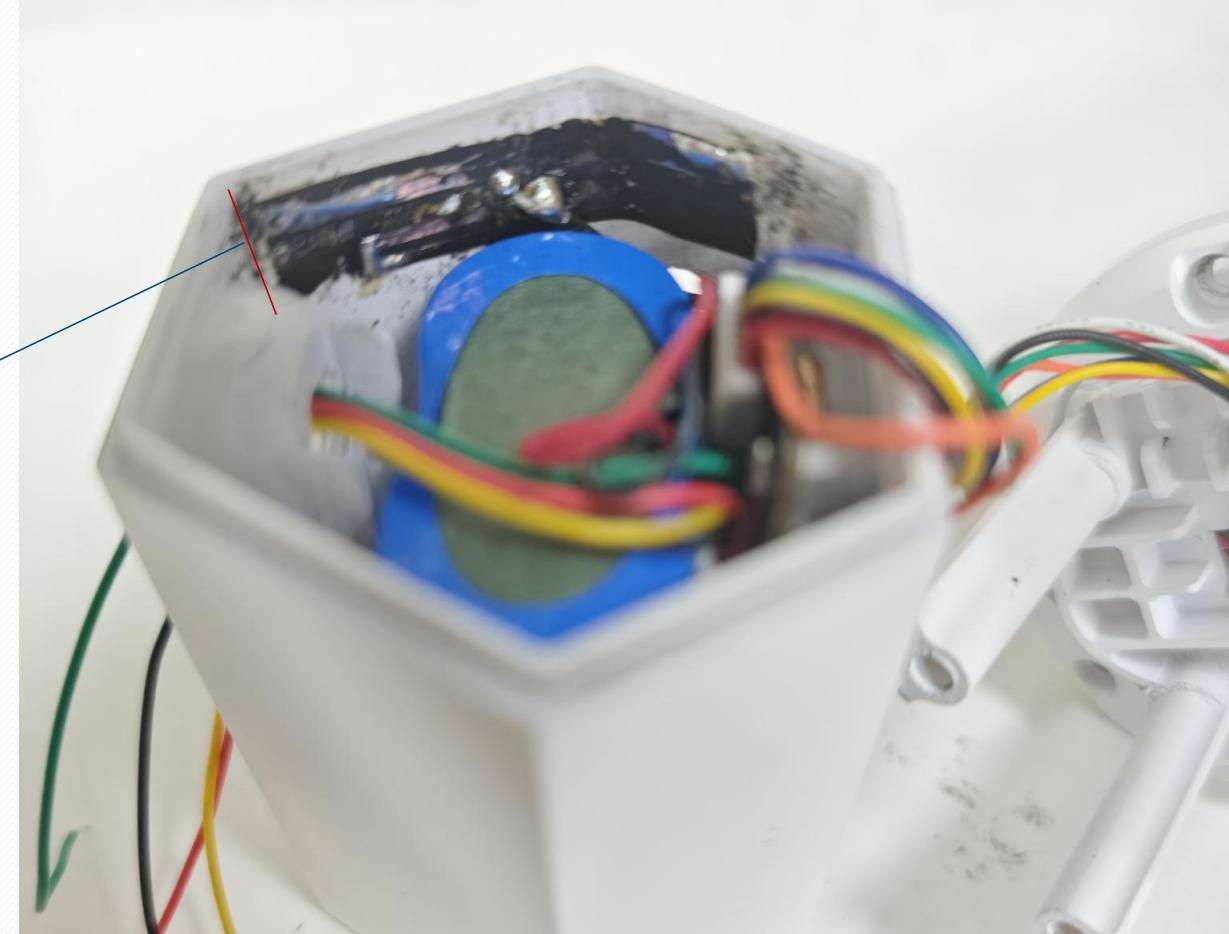
Date: 2024-12-20

Avoid the antenna area  
and keep the cable length  
as short as possible



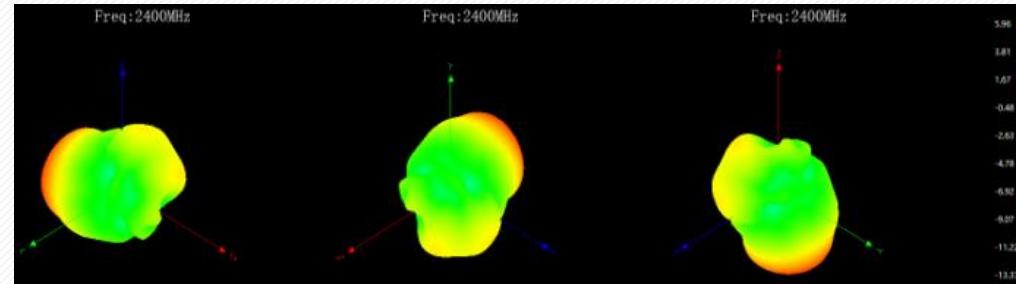
贴装图

The antenna edge is 1mm away from the shell edge, and the left side of the FPC is aligned with the diamond corner inside the shell

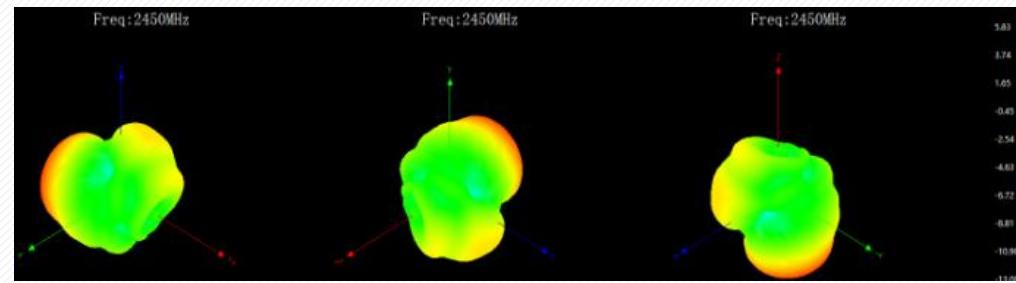


Freq / MHz	Effi / %	Gain/ dBi
2400	63.24	5.96
2410	63.24	6.00
2420	61.94	5.89
2430	63.10	6.01
2440	63.39	5.95
2450	63.39	5.83
2460	62.23	5.75
2470	59.29	5.54
2480	60.39	5.82
2490	55.46	5.49
2500	54.95	5.64
<b>AVG</b>	60.97	5.81

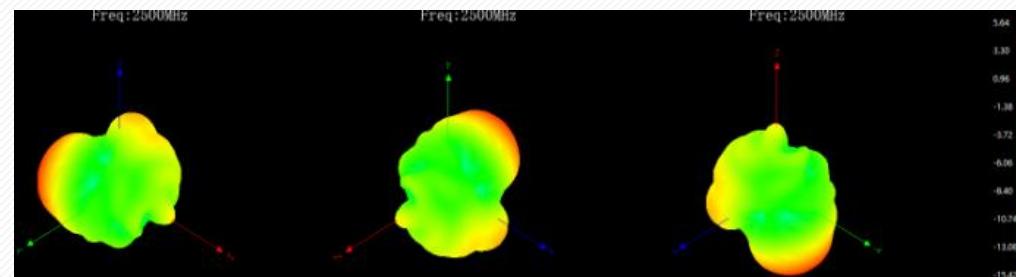
2400MHz

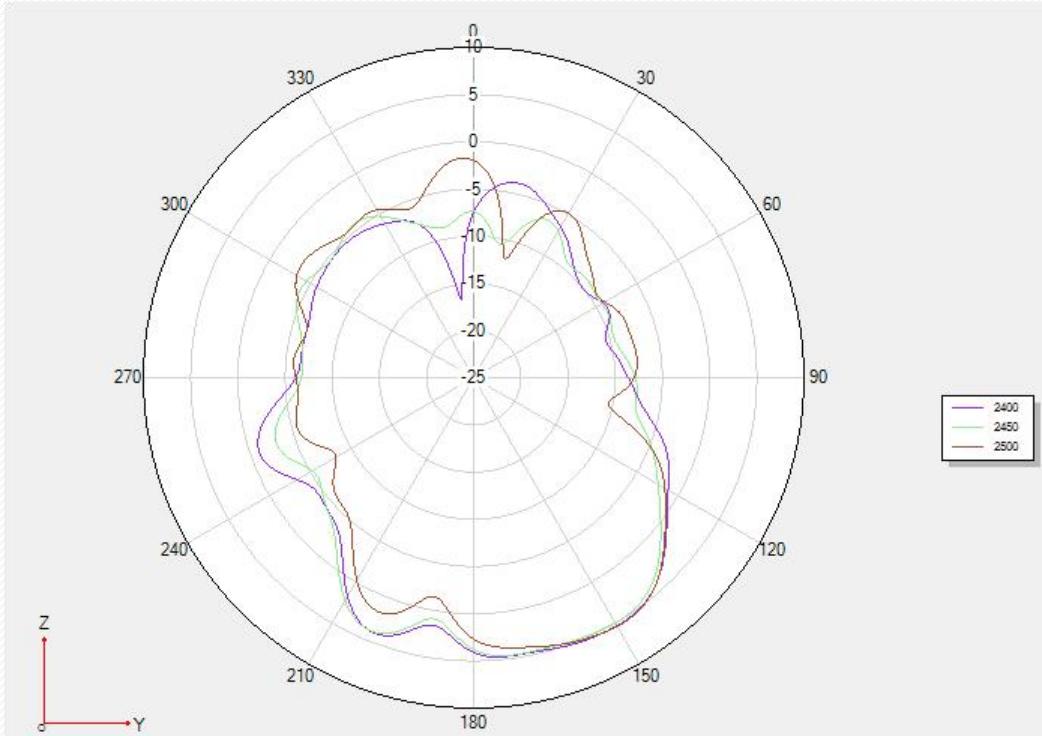


2450MHz

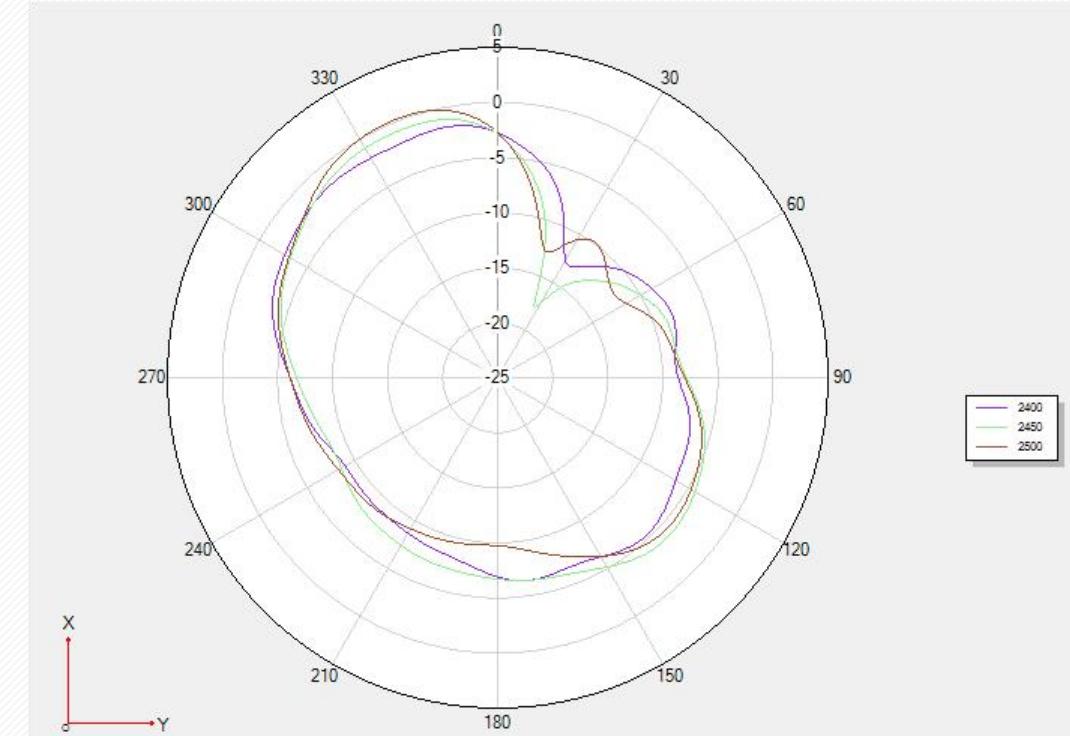


2500MHz





Phi90



Theta90



# THANKS

感 / 谢 / 您 / 的 / 关 / 注

IEE