

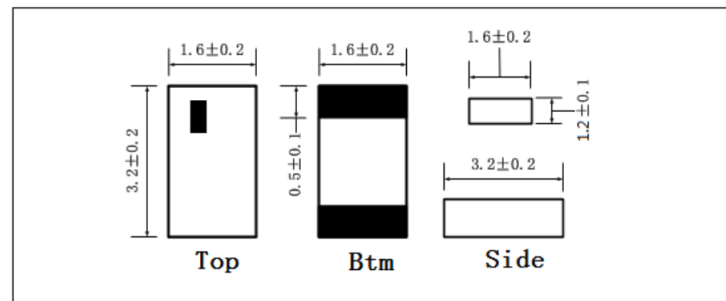
# Orka Two CC Antenna Datasheet

## 1. Introduction

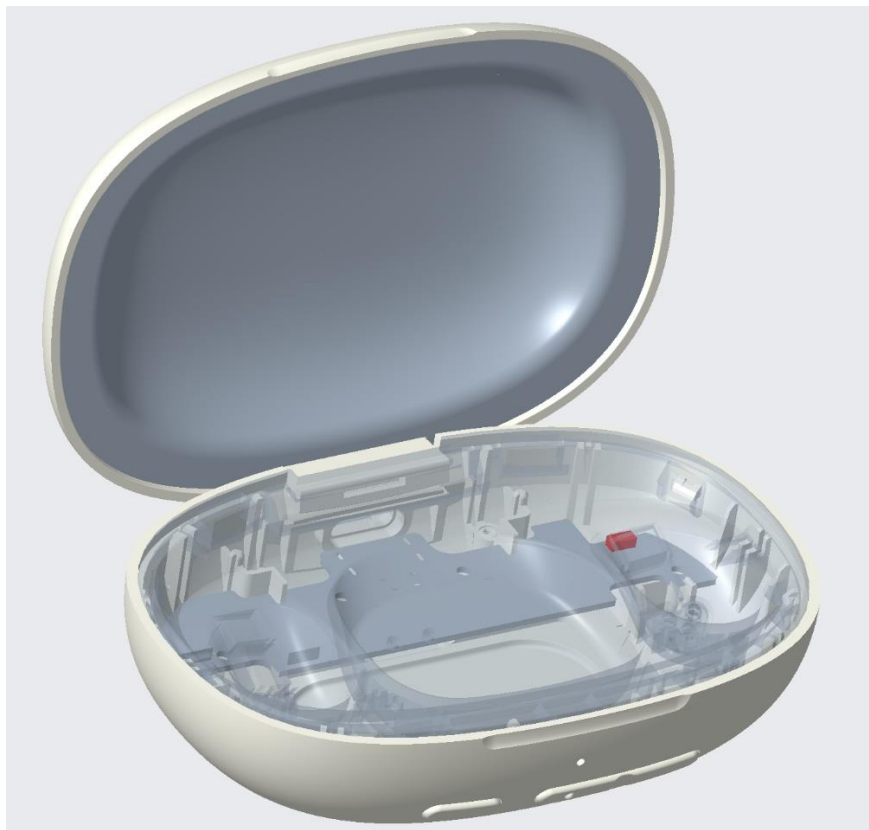
An Microwave Multi-Layer Ceramic Antenna is used for Bluetooth connection in Orka Two Charging Case

Antenna Manufacturer Name	JIA XING GLEAD ELECTRONICS CO., LTD
Antenna Manufacturer Address	No.66 ZhengyuanRoad, Economic Development Zone,Jiaxing,Zhejiang,China
Antenna Model Number	LA31H2450 - A29

## 2. Antenna Dimensions

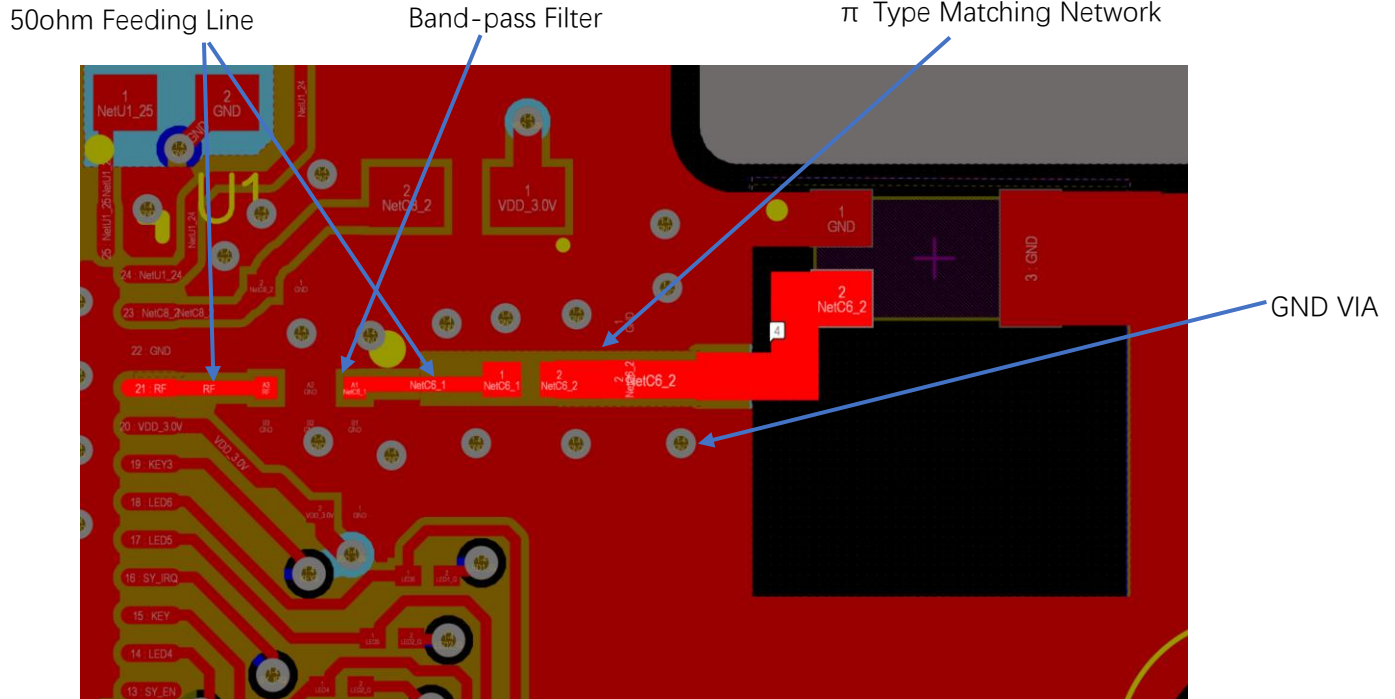


Antenna Dimensions (mm)

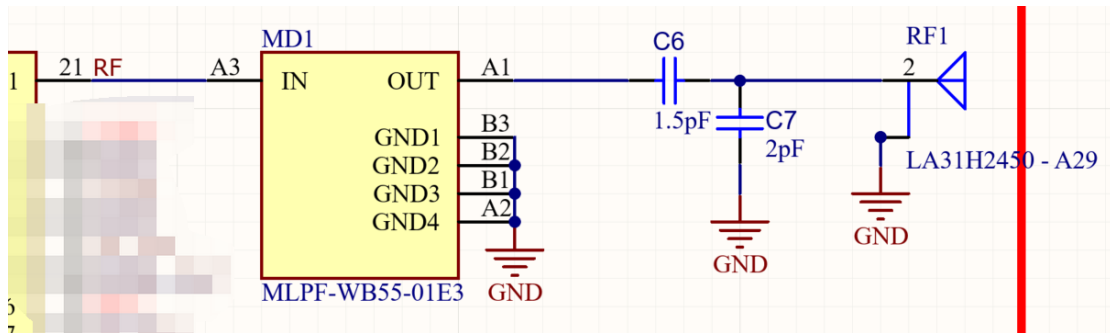


## 3D Antenna

### 3. Matching Circuits and Antenna Circuit



### Antenna Layout

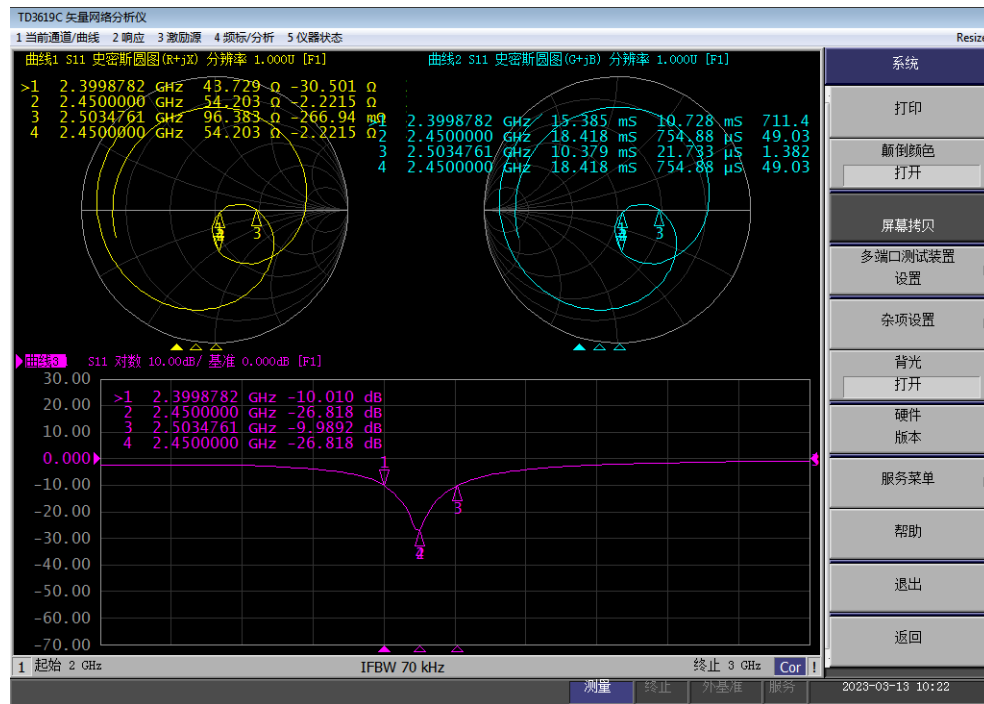


### $\pi$ Type Matching Network & Band-pass Filter

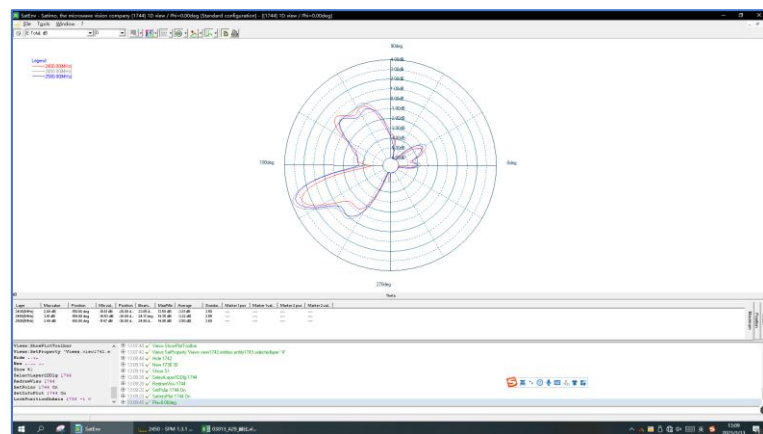
### 4. Electrical Characteristics

No.	Item	Specifications		
1	Central Frequency	2450MHz		
Antenna Gain & Efficiency				
	Frequency	Peak Gain(dBi)	Avg. Gain(dBi)	Efficiency(%)
2	2400	1.7	-3.1	60
3	2450	2.1	-2.7	65
4	2500	1.6	-3.2	60

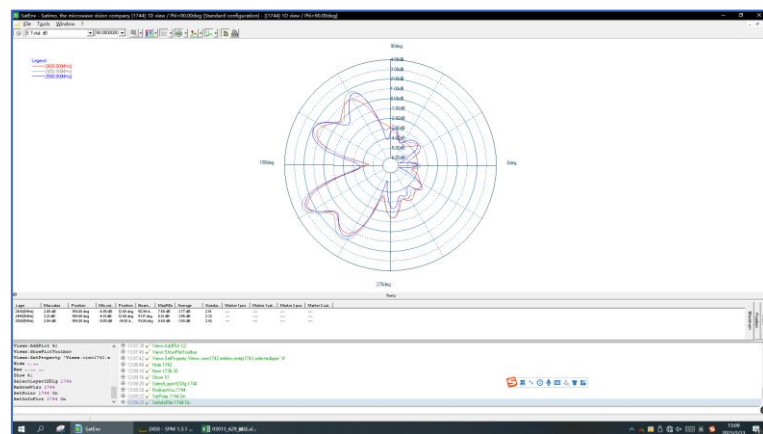
## 5. Characteristic curve



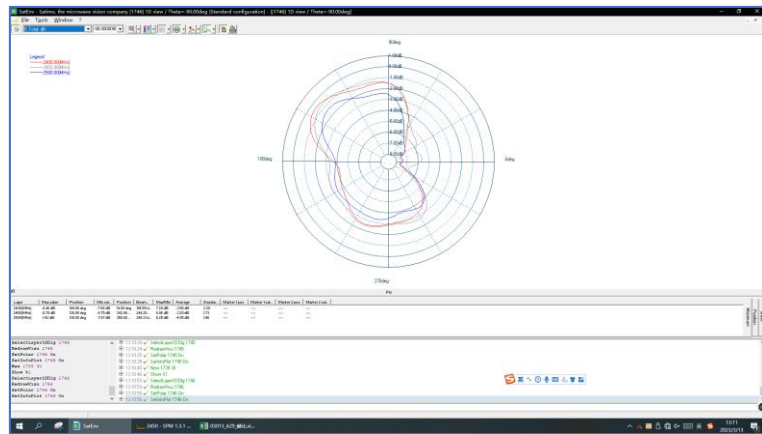
## 6. Radiation Pattern & Efficiency



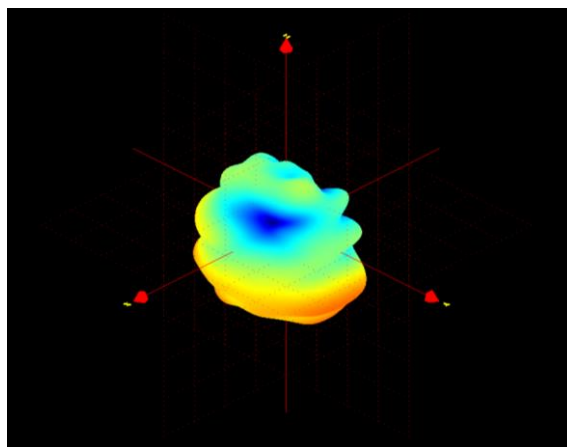
X-Z Plane



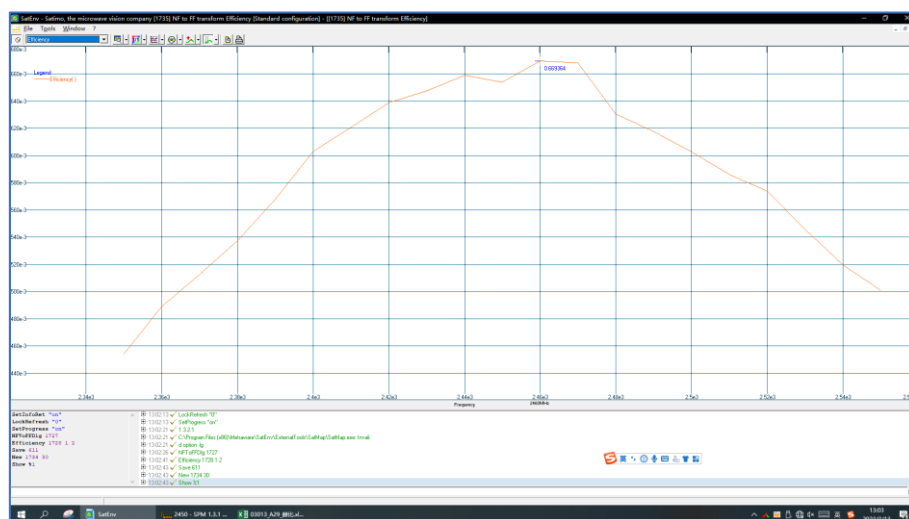
Y-Z Plane



X-Y Plane



### 3D Radiation Pattern



## Efficiency