

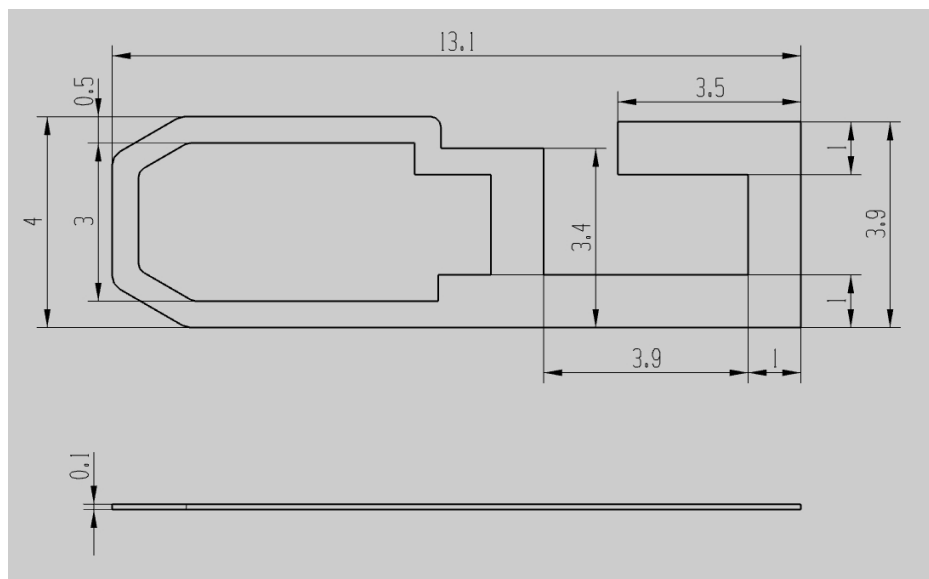
Orka Two HA Antenna Datasheet

1. Introduction

An FPC Antenna is designed to be used for Bluetooth connection in Orka Two Hearing Aids

Antenna Manufacturer Name	Orka Inc.
Antenna Manufacturer Address	Building 1, No. 298 Kangqiao East Road, China (Shanghai) Pilot Free Trade Zone
Antenna Model Number	OKA2G0406-B1

2. Antenna Dimensions

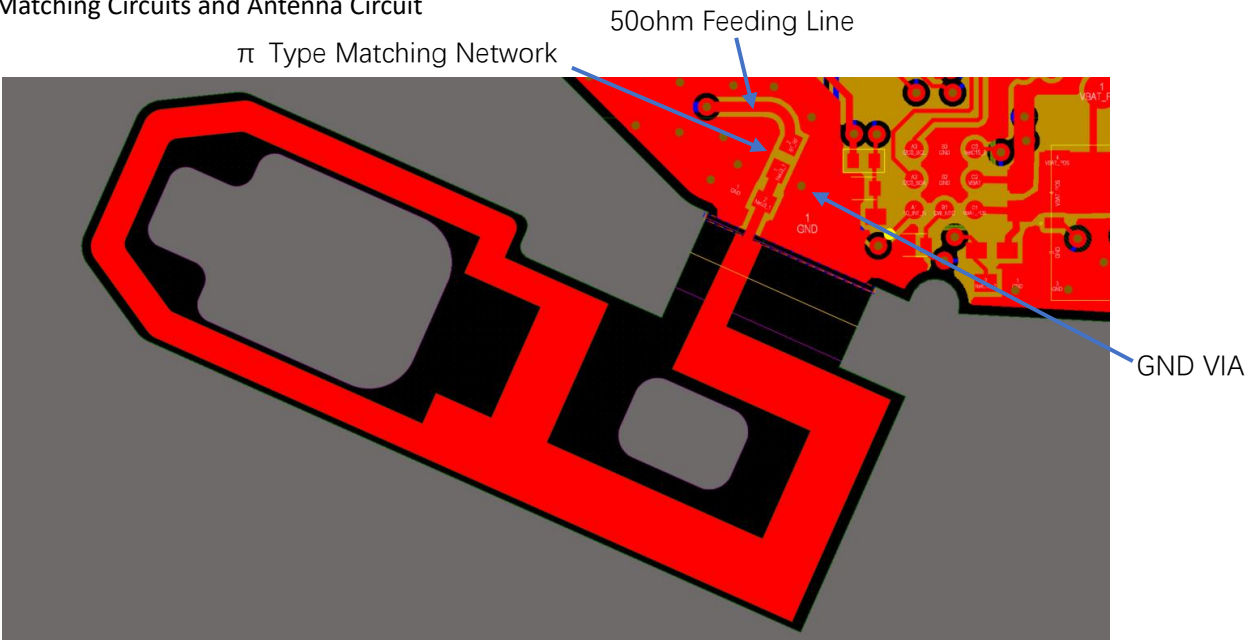


Antenna Dimensions

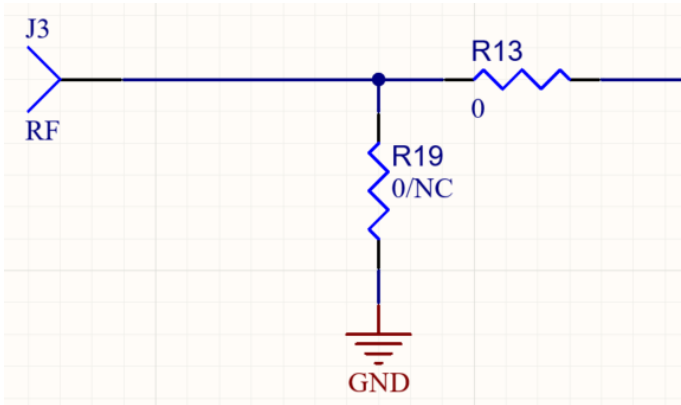


3D Antenna

3. Matching Circuits and Antenna Circuit



Antenna Layout

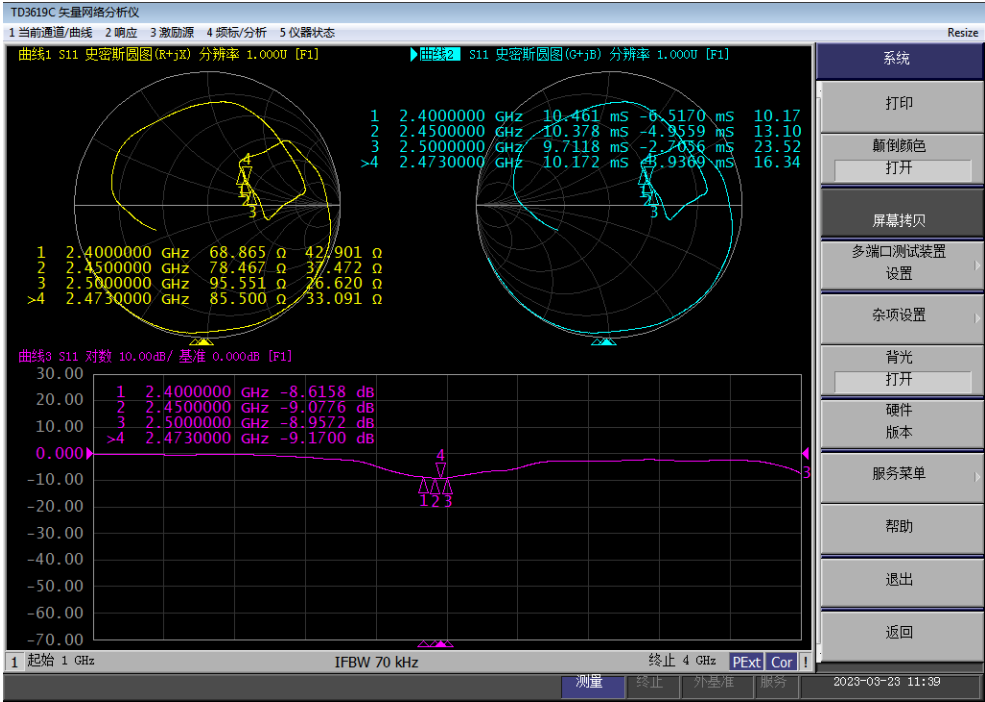


π Type Matching Network

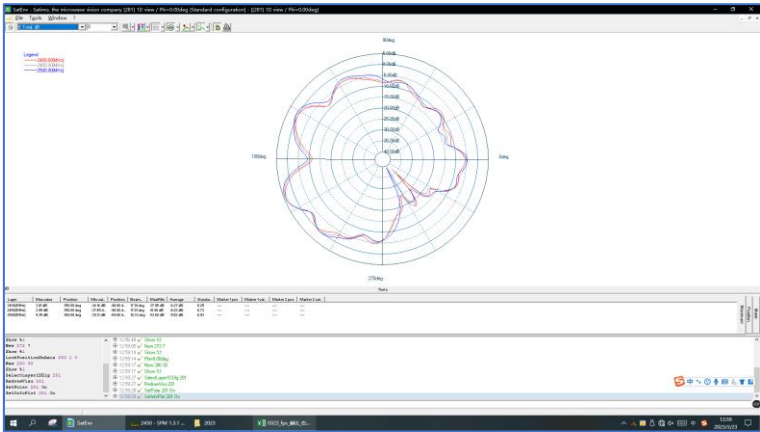
4. Electrical Characteristics

No.	Item	Specifications		
1	Central Frequency	2473MHz		
Antenna Gain & Efficiency				
	Frequency	Peak Gain(dBi)	Avg. Gain(dBi)	Efficiency(%)
2	2400	0.6	-6.2	38
3	2450	1.2	-5.7	42
4	2500	1.9	-5.1	48

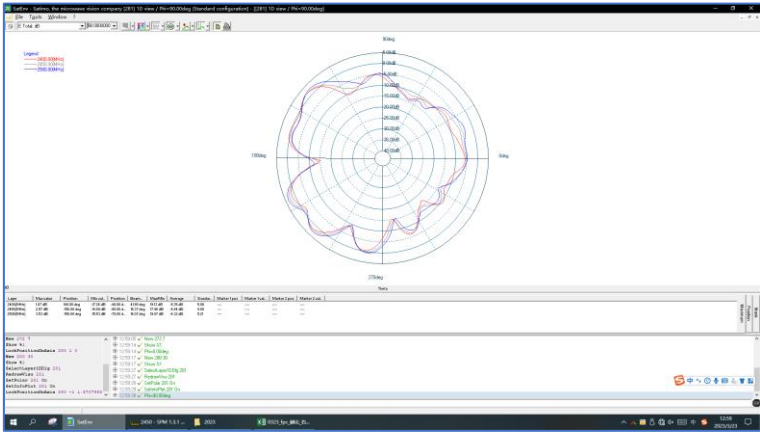
5. Characteristic curve



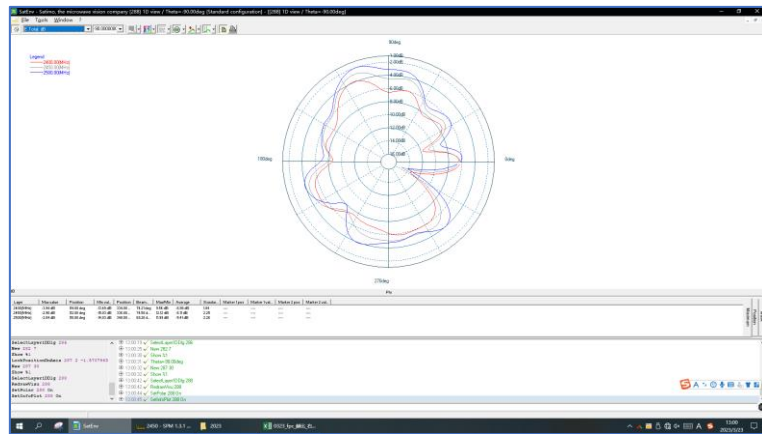
6. Radiation Pattern & Efficiency



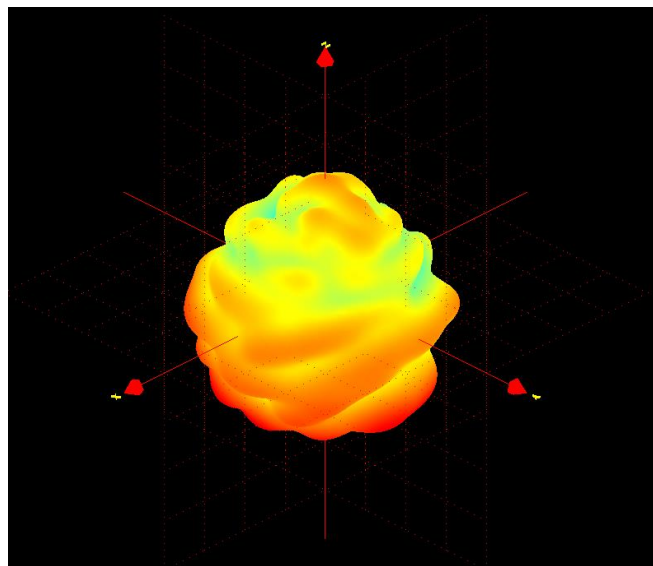
X-Z Plane



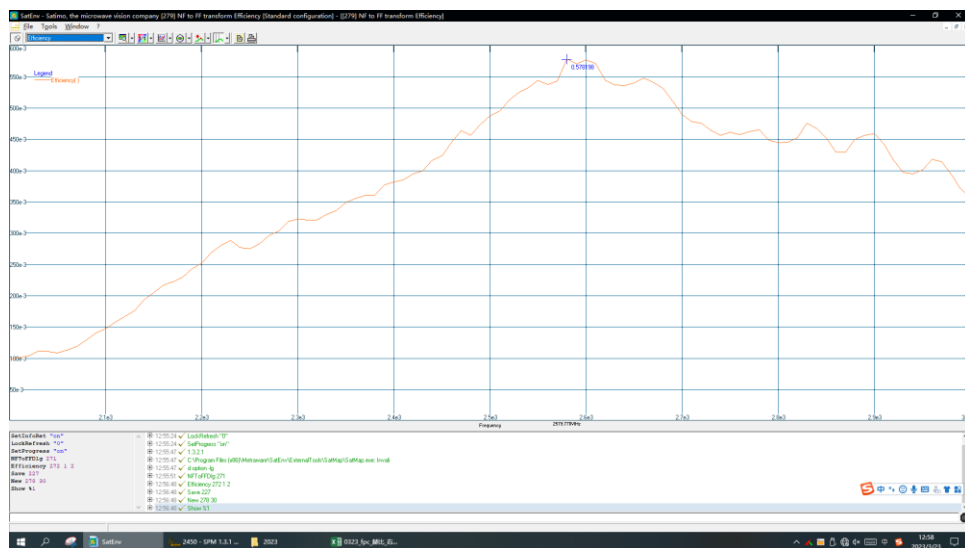
Y-Z Plane



X-Y Plane



3D Radiation Pattern



Efficiency