

APPROVAL SHEET

CUSTOMER NAME: PUWELL

2.4G Inner Antenna L=95mm+terminal

PRODUCT NAME: / Small camera

CUSTOMER P/N:

Model: UB01C95F3D1800A

PRODUCER NAME: Youbi

Dongguan Youbi Electronics Co.,LTD, Room 101,Building 2,No.9,

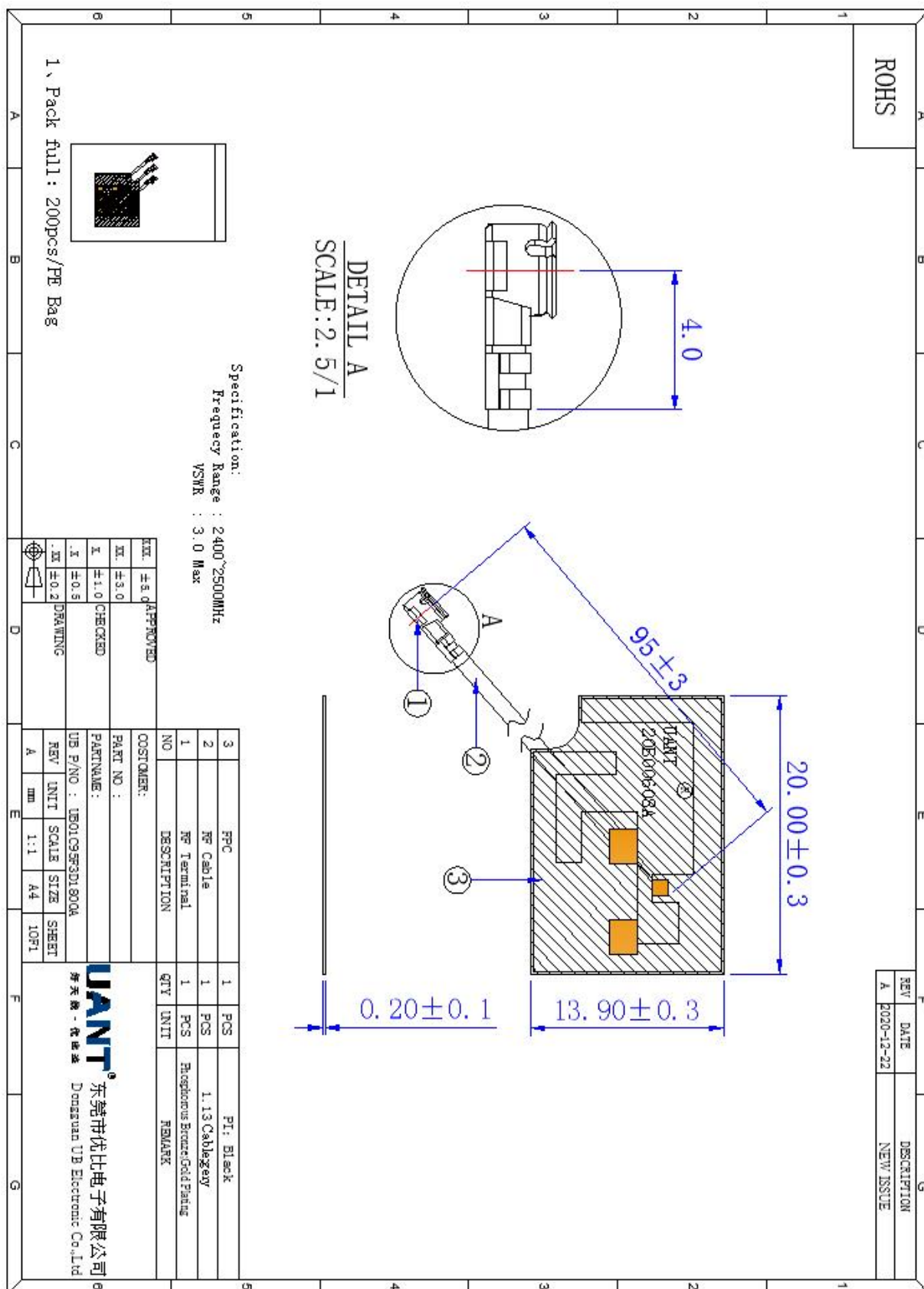
PRODUCER ADDRESS: Xinfu Road,Lin Village,Tangxia Town, Guangdong province

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:		
DATE:	2023/06/15	

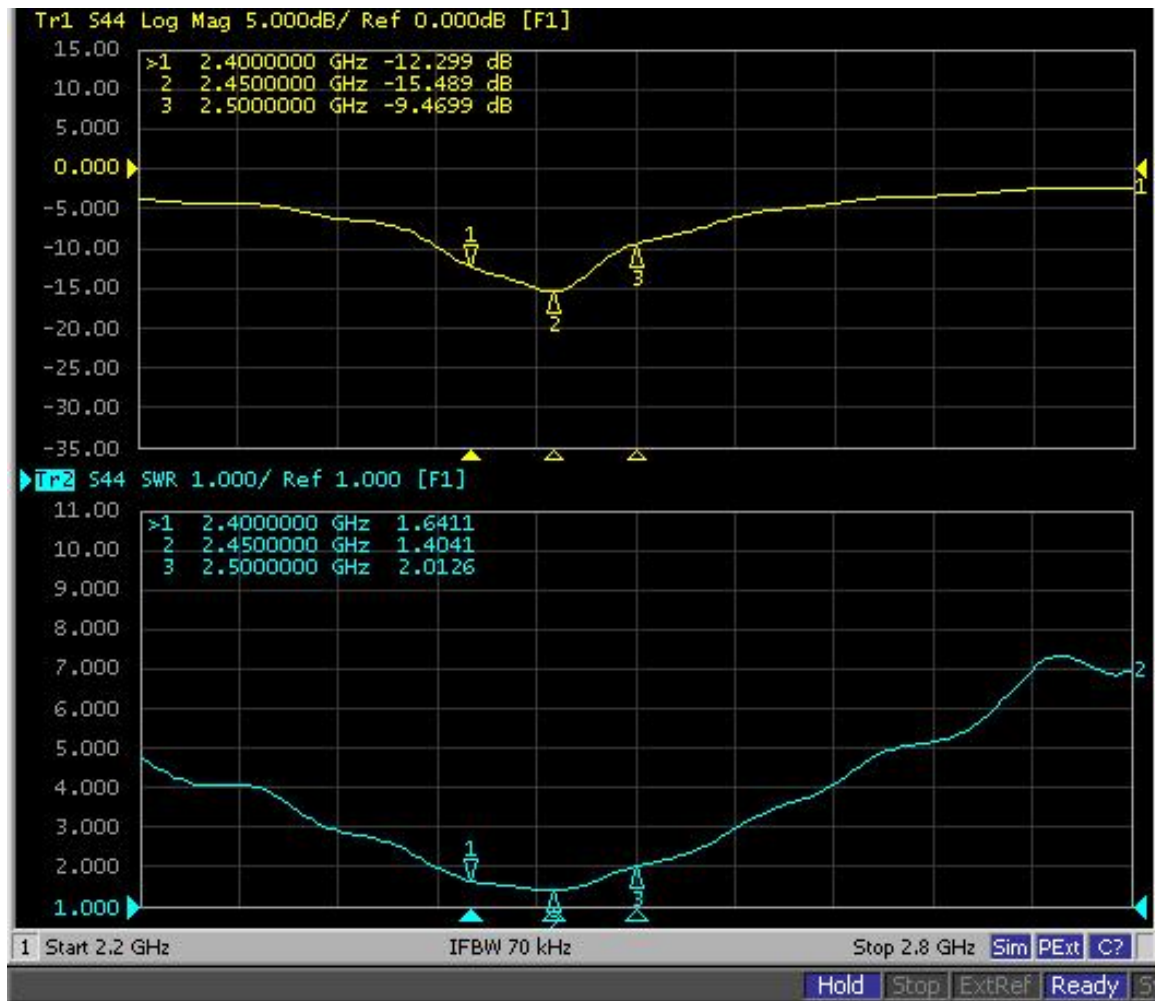
1. Specification table:

Electrical Specification	
Design Specifications	Types
Antenna Type	Inner antenna
Operating Frequency	2400-2500MHz
Peak Gain	1.86
Average Efficiency	39.77%
VSWR	<3
Polarization	Linear
Axial Ratio	\
Radiation pattern	Omnidirectional
Impedance	50 ohm
Power handling	1W
Interface	Cable+terminal
Overall dimensions	20*13.9*0.2mm
Operating Temp.	-20℃~+70℃
Storage Temp.	-20℃~+70℃

3. Mechanical Specification

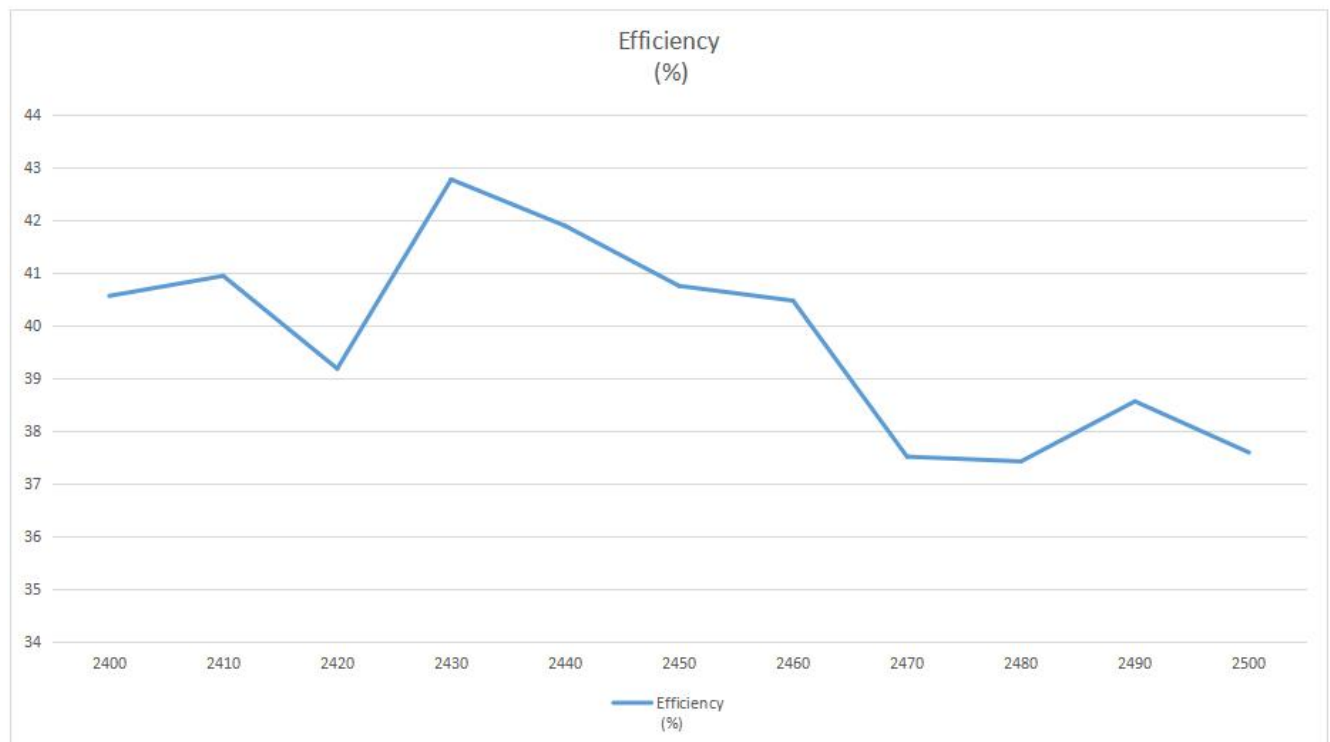


3.2: Darkroom 2D、3DRaditation Pattern

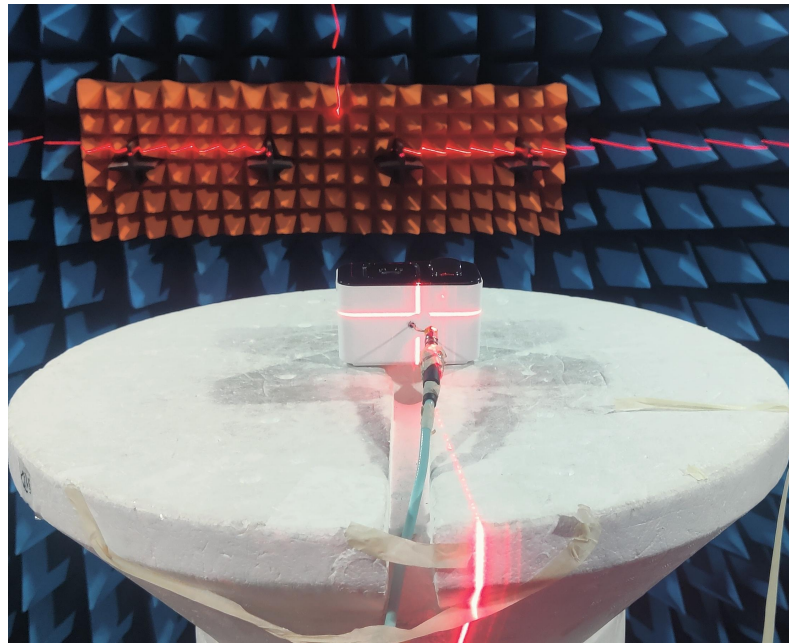
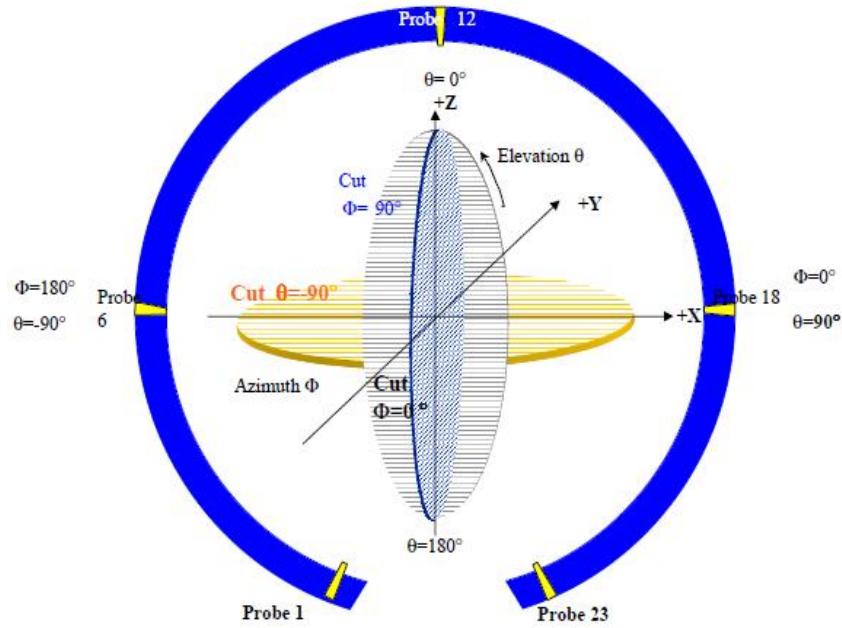


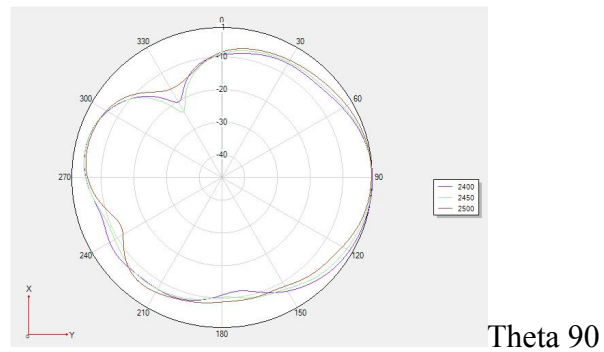
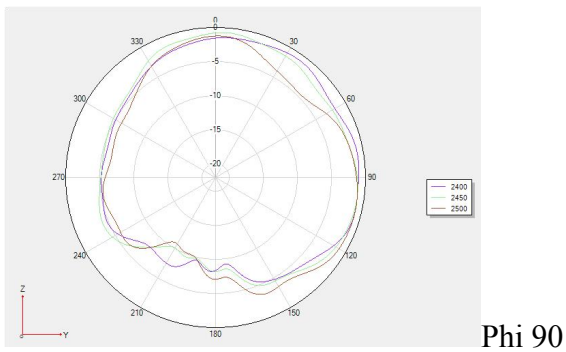
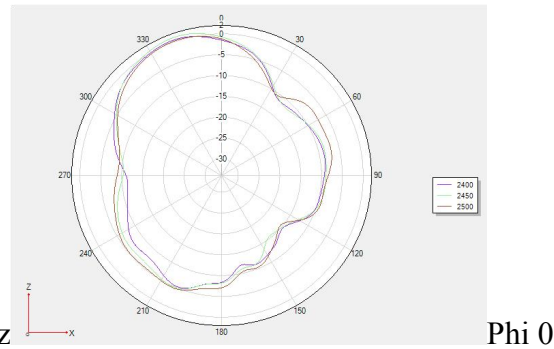
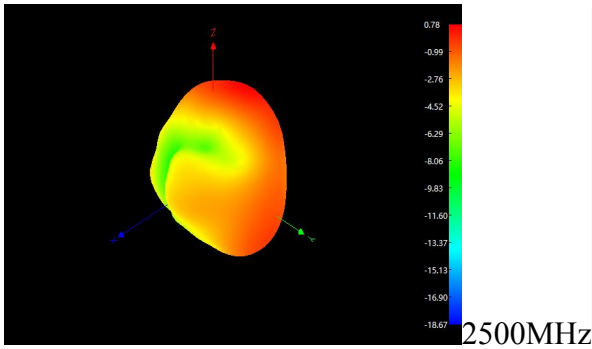
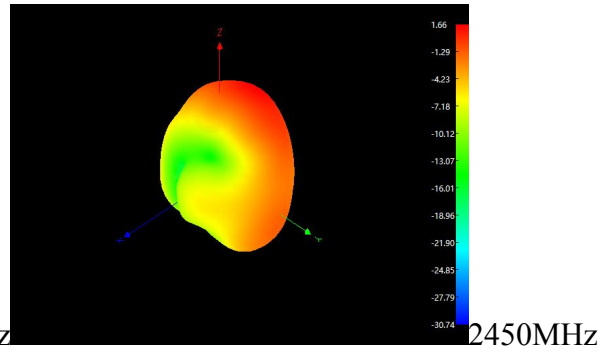
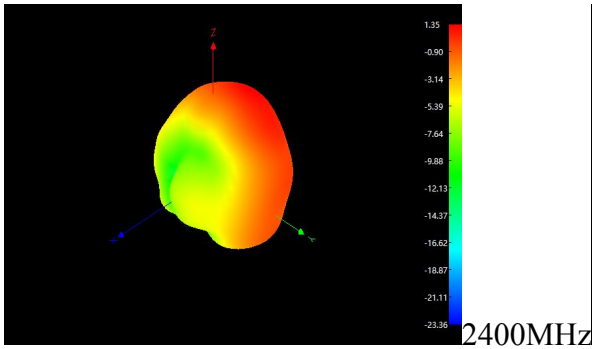
3.2.1 Efficiency and gain

Frequency / MHz	Efficiency / %	Gain/ dBi
2400	40.55	1.35
2410	40.93	1.53
2420	39.17	1.32
2430	42.76	1.84
2440	41.88	1.86
2450	40.74	1.66
2460	40.46	1.83
2470	37.5	1.14
2480	37.41	1.18
2490	38.55	0.87
2500	37.58	0.78

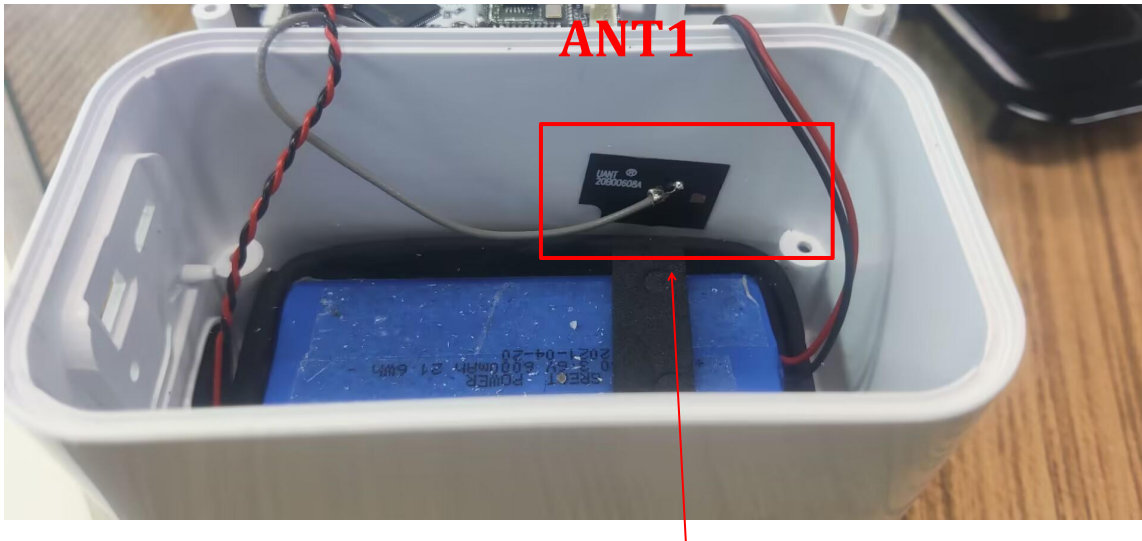


3.2.2.1 Darkroom 2D、3D Raditation Pattern





4:Antenna position



TIS: The lower edge of the antenna should be as flush as possible with the upper edge of the battery to prevent interference from the installation of the upper structure