

SPECIFICATION FOR APPROVAL

CUSTOMER NAME:

PRODUCT NAME: 2.4/5.8G FPC+coaxial 0.81 black wire L=55mm

CUSTOMER P/N:

UB P/N: UB01C55F2D3930A REV: C

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	 Bin Fang	
APPROVED BY:	Wenqiang Xiong	
DATE:	2024/02/21	

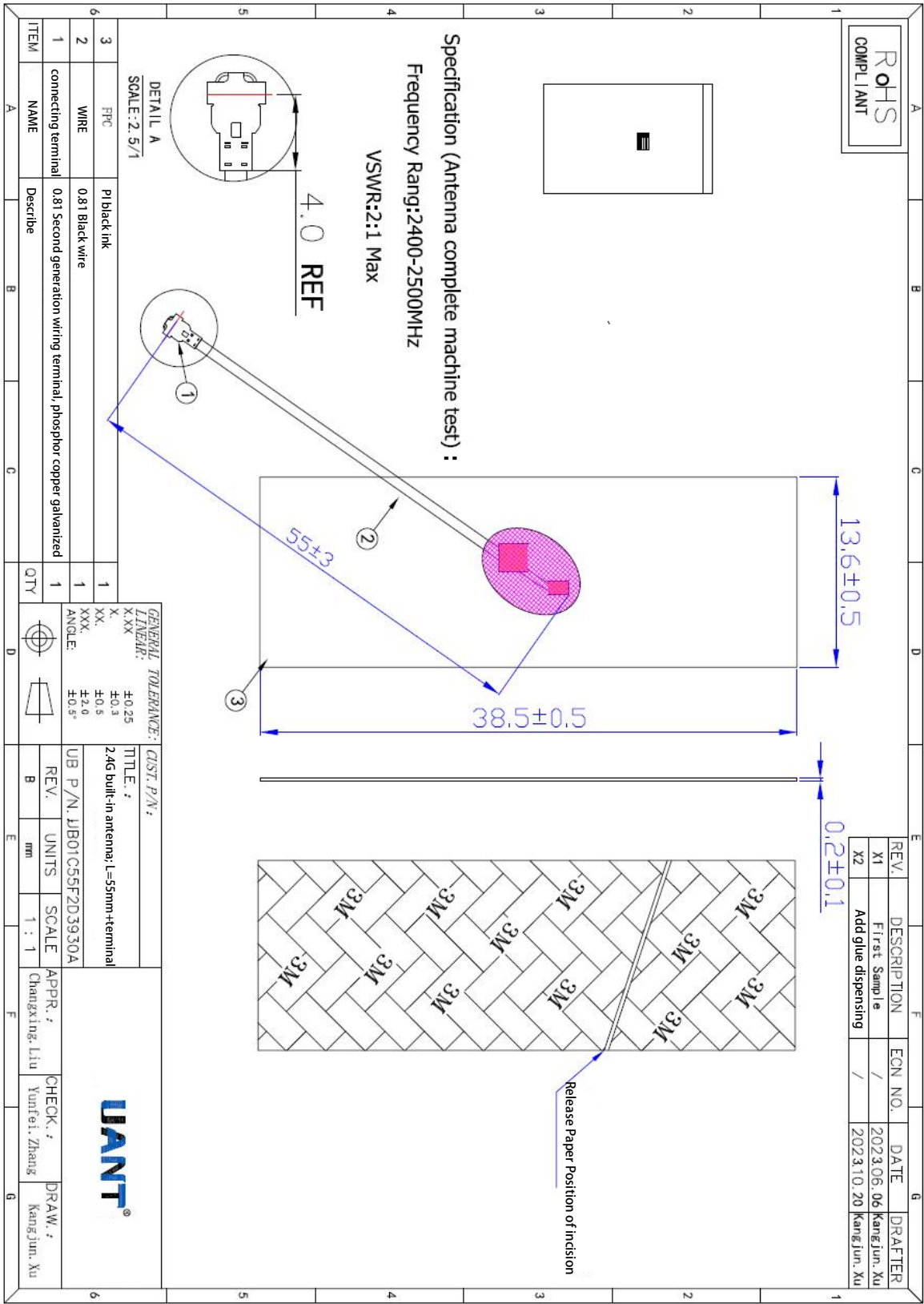
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1. Specification Table:

Main technical parameters		
Design Specifications	Typical	
antenna form	Built in antenna outlet type	
working Frequency	2400-2500MHz	5150-5850MHz
Gain	0.98 dBi	3.39dBi
Average efficiency	22.01%	40.66%
VSWR	\	
Ploriaztion	linear polarization	
Axial Ratio	\	
Radiation pattern	Same direction	
impedance	50 ohm	
Power handling	1W	
Interface	Coaxial line+terminal	
Overall dimensions	38.5*13.6mm	
Operatin Temp	-20℃~+70℃	
Storing Temp	-20℃~+70℃	

2.End-Product Drawing

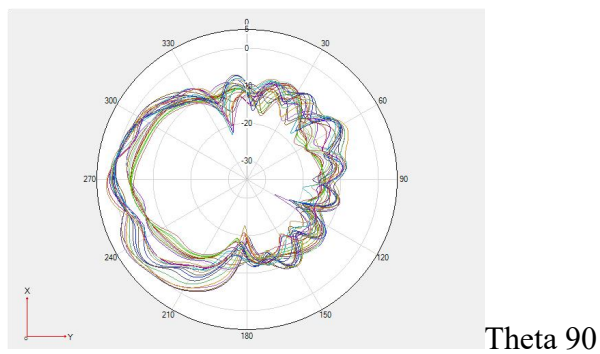
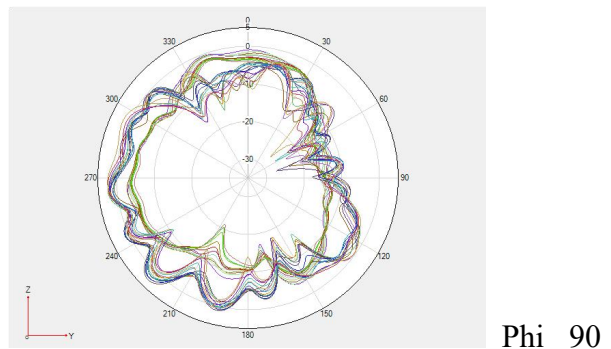
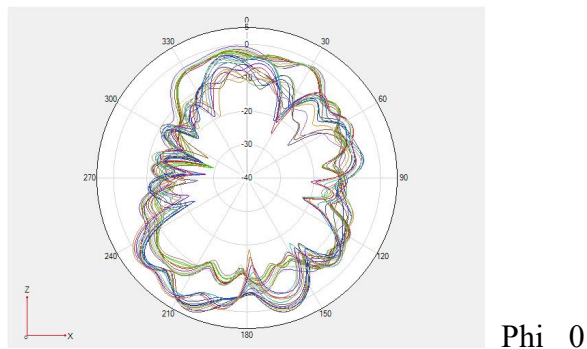
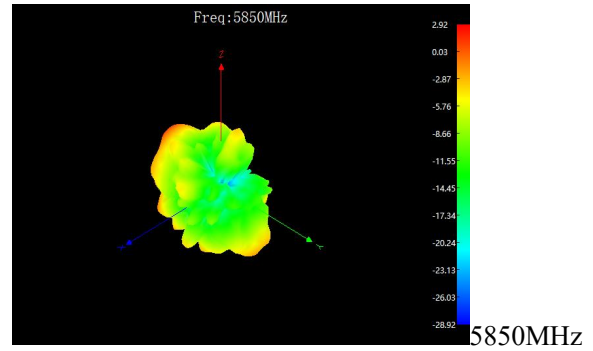
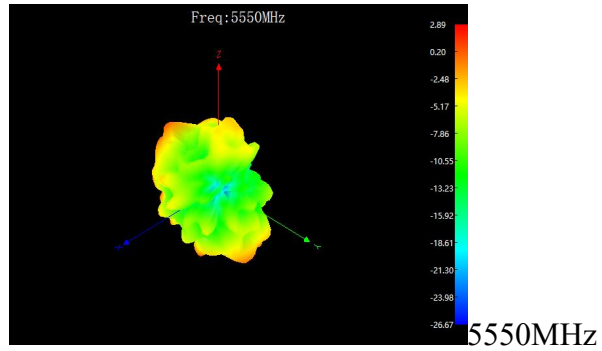
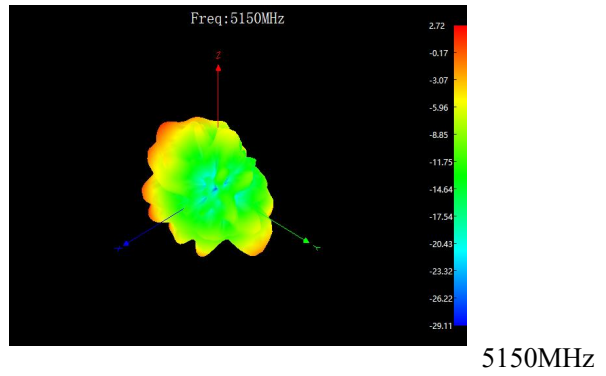
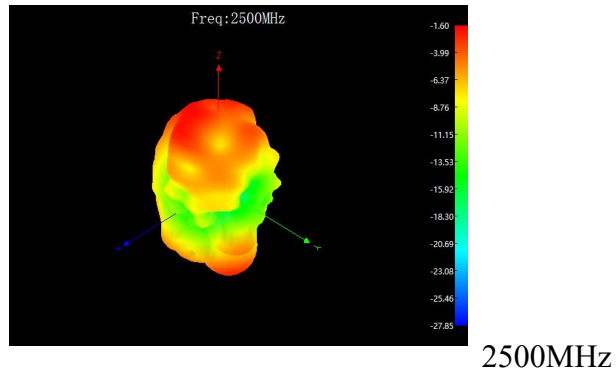
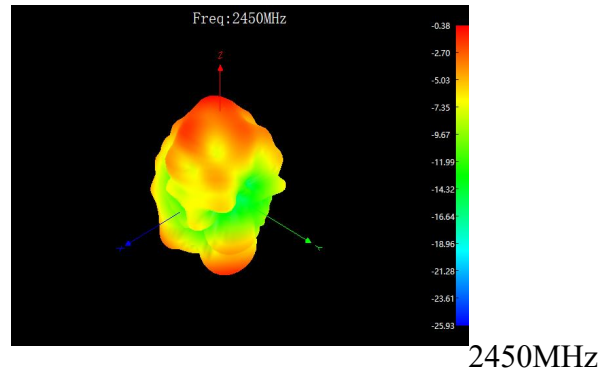
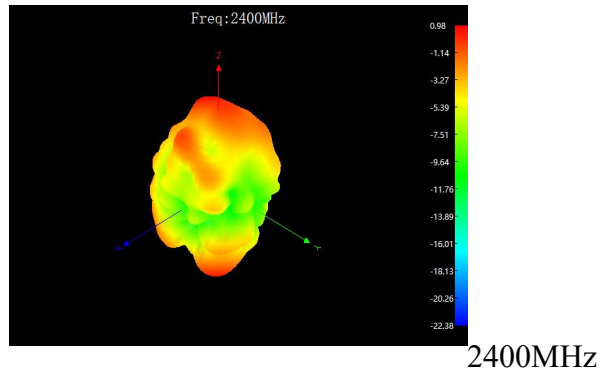


3. Test Report:

3.1: Passive Test Data

Frequency / MHz	Efficiency / dB	Efficiency / %	Gain/ dBi
2400	-5.27	29.72	0.98
2410	-5.57	27.73	0.74
2420	-5.91	25.64	0.55
2430	-6.22	23.88	0.45
2440	-6.42	22.8	0.26
2450	-6.68	21.48	-0.38
2460	-7.01	19.91	-0.74
2470	-7.18	19.14	-0.99
2480	-7.41	18.16	-1.45
2490	-7.6	17.38	-1.58
2500	-7.88	16.29	-1.6
5150	-4.29	37.24	2.72
5200	-3.78	41.88	3.39
5250	-4.03	39.54	3.1
5300	-3.96	40.18	2.65
5350	-3.88	40.93	2.58
5400	-4.01	39.72	2.32
5450	-3.87	41.02	2.43
5500	-3.74	42.27	3.17
5550	-3.67	42.95	2.89
5600	-4.15	38.46	2.22
5650	-3.83	41.4	2.23
5700	-3.89	40.83	2.18
5750	-3.94	40.36	2.07
5800	-3.99	39.9	2.48
5850	-3.65	43.15	2.92

3.2: Anechoic Chamber 2D, 3DRaditation Pattern



3.3: Antenna Photo

