

SPECIFICATION FOR APPROVAL

CUSTOMER NAME:

PRODUCT NAME: 2.4G built-in FPC antenna L=55mm+terminal

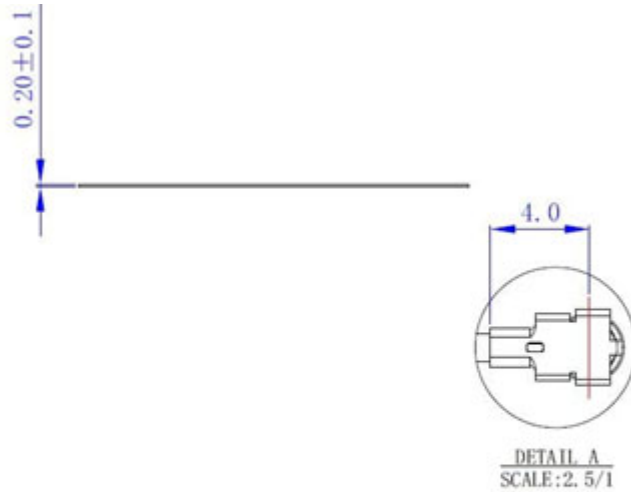
CUSTOMER P/N:

UB P/N: UB01C55F1D4697A REV: A

1. Specification Table:

Main technical parameters of the product	
Design Specifications	Typical
antenna form	Built in antenna outlet type
working Frequency	2400-2500MHz
Gain	3.5dBI
Average efficiency	57.77%
Return Loss	<-10
Ploriaztion	linear polarization
Axial Ratio	\
Radiation pattern	Omnidirectional
Impedance	50 ohm
Power handling	1W
Interface	Coaxial line+terminal
Overall dimensions	31.5*10*0.2mm
Operatin Temp	-40℃~+80℃
Storing Temp	-40℃~+80℃

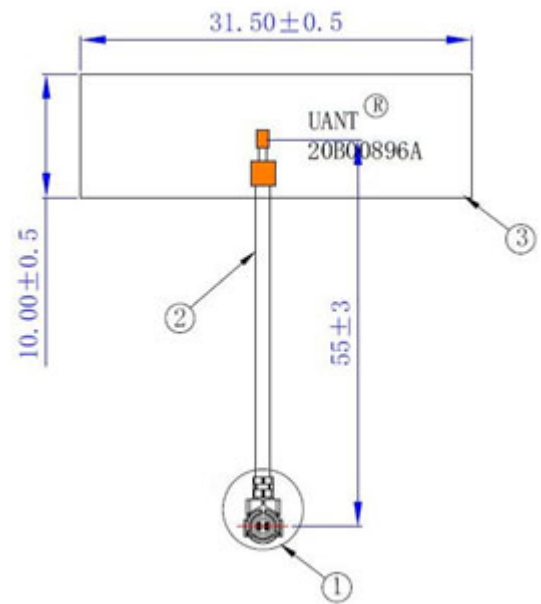
Finished product drawings



Specification (Antenna complete machine test) :

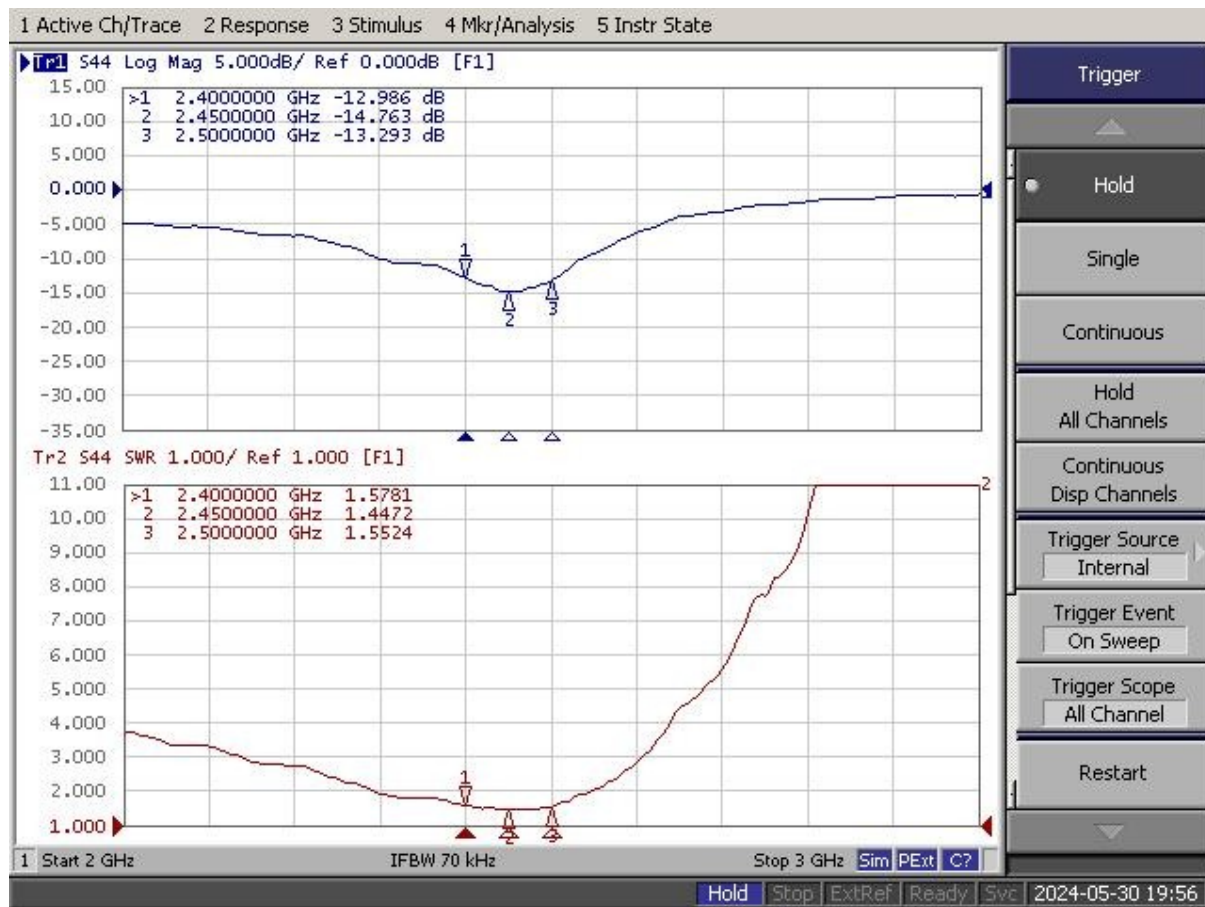
Frequency Rang: 2400-2500MHz

VSWR: 2:1 Max



2. Test report:

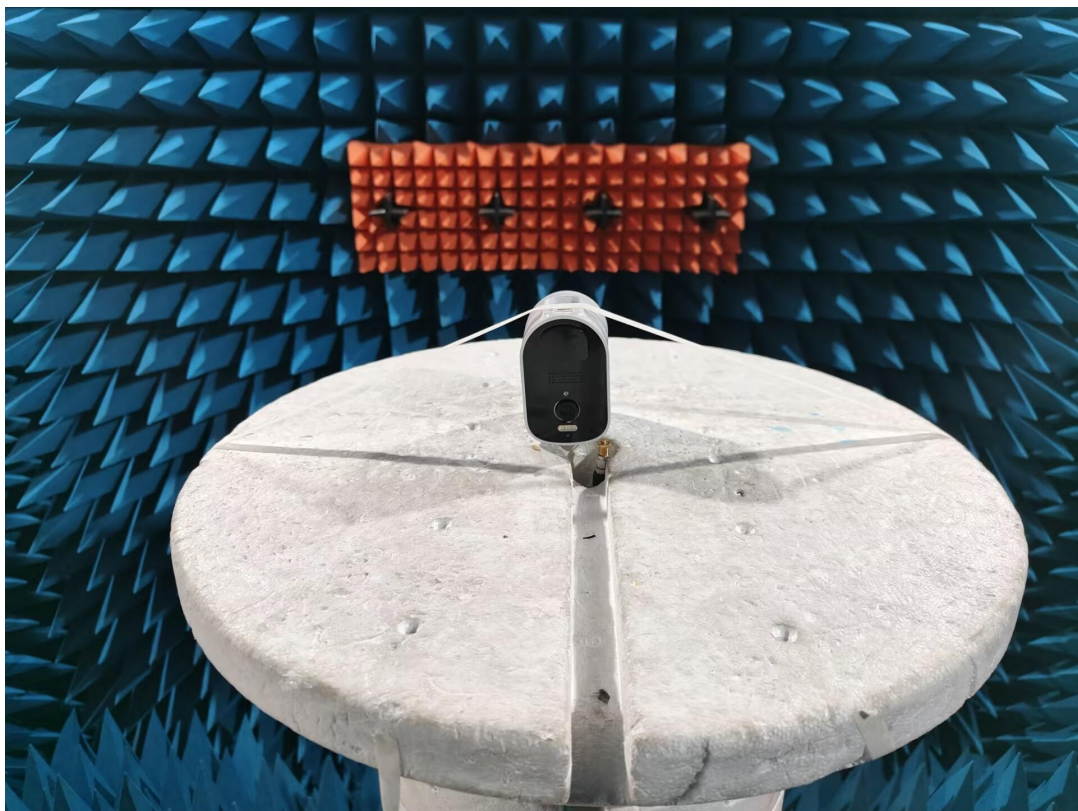
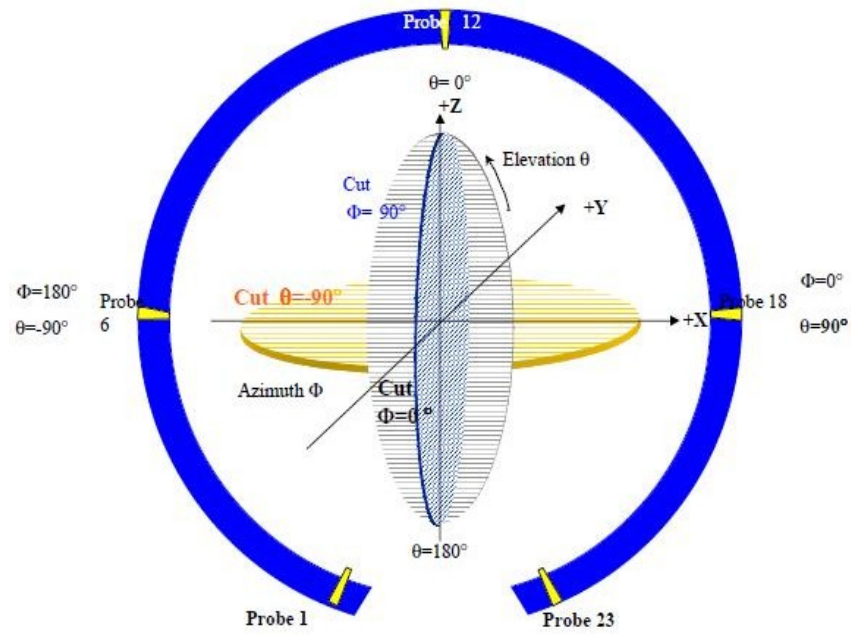
2.0 Network analyzer testing parameters



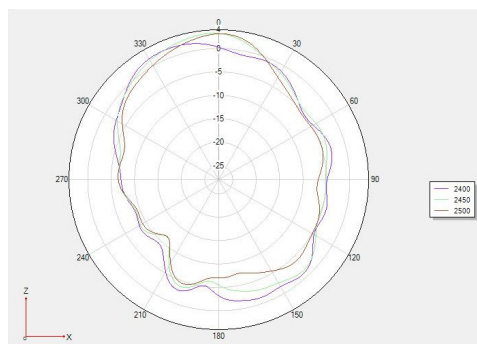
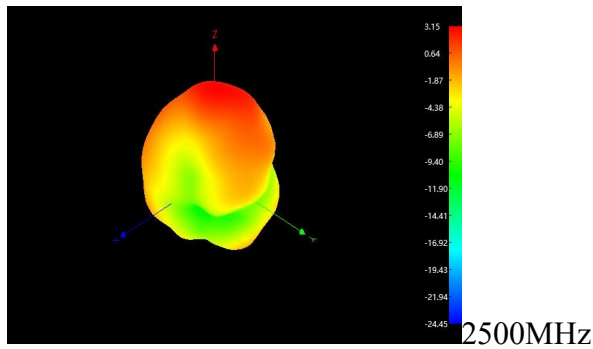
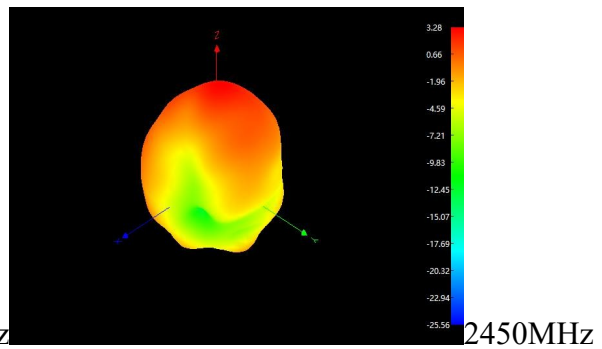
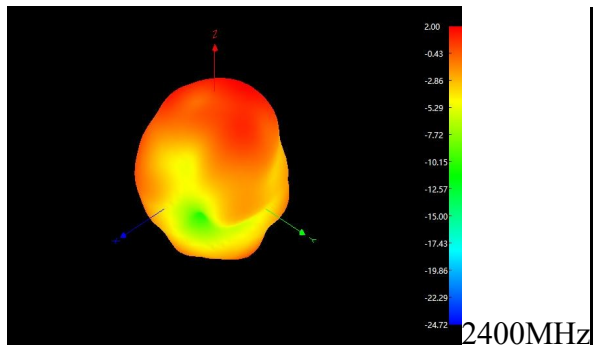
2.1 : Passive test data

Frequency / MHz	Efficiency / dB	Efficiency / %	Gain/ dBi
2400	-2.37	57.94	2
2410	-2.38	57.81	1.97
2420	-2.18	60.53	2.36
2430	-2.24	59.7	2.66
2440	-2.24	59.7	3.1
2450	-2.29	59.02	3.28
2460	-2.53	55.85	3.45
2470	-2.43	57.15	3.5
2480	-2.51	56.12	3.36
2490	-2.51	56.09	3.22
2500	-2.55	55.53	3.15

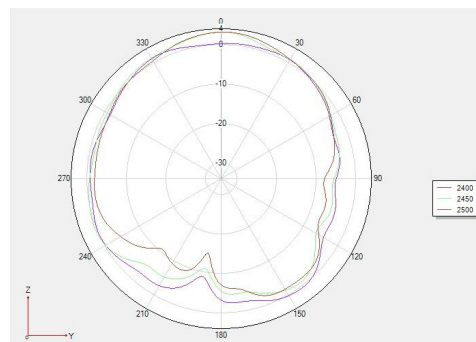
Darkroom coordinates



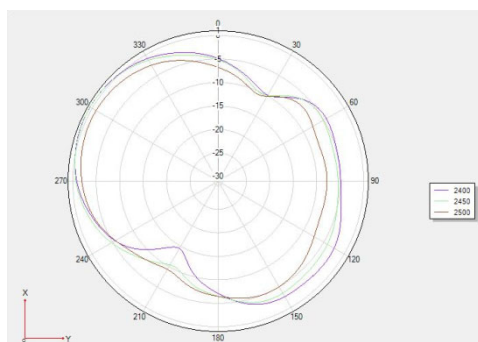
2.2 : darkroom 2D、3DRaditation Pattern



Phi 0



Phi 90



Theta 90

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