

SPECIFICATION FOR APPROVAL

(产品承认书)

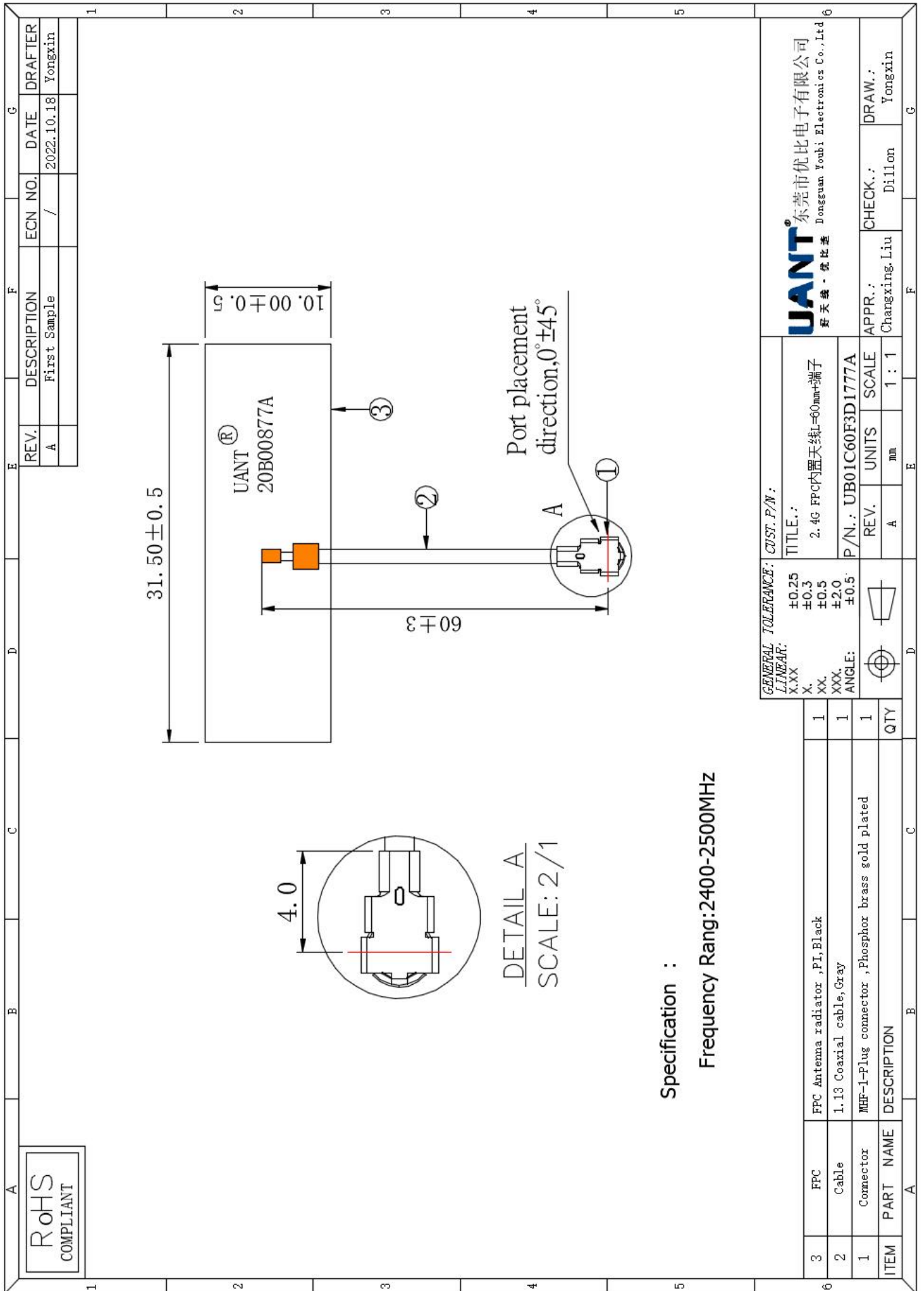
Product name: WIFI Antenna

Product model : UB01C60F3D1777A

Antenna gain (Max): 3.16dBi

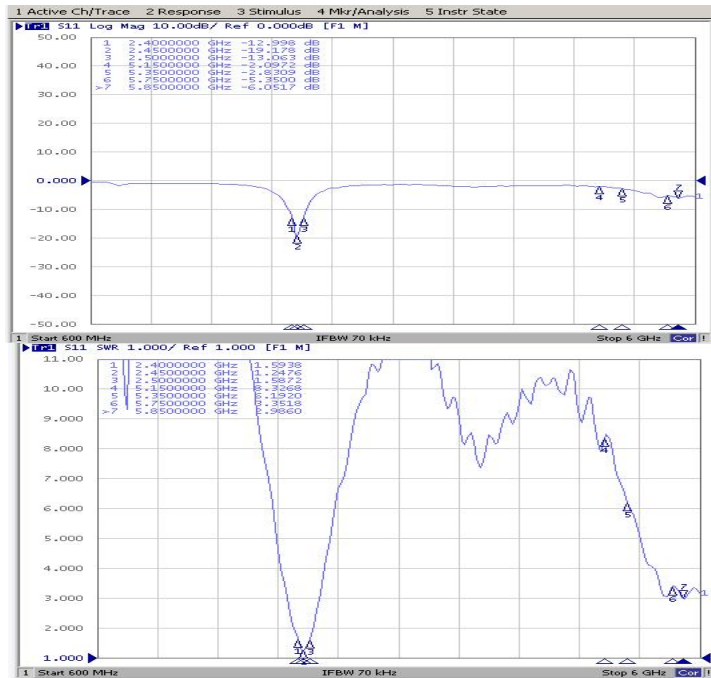
Frequency range: 2400-2500MHz

Structural dimension drawing (CAD drawing file)



1. S Parameter

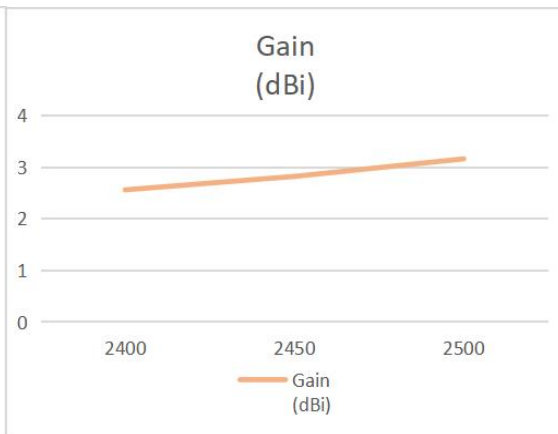
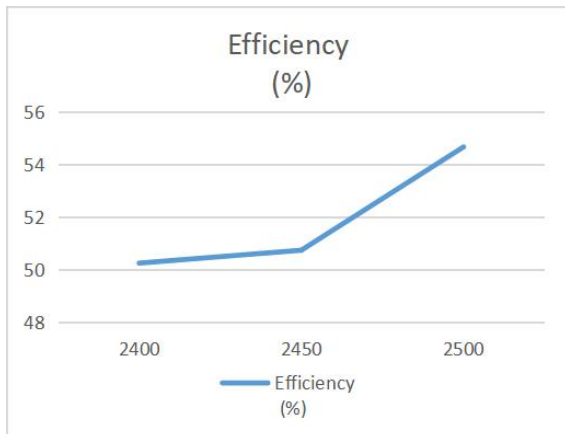
Frequency (MHz)	Return Loss (dB)	VSWR
2400	-12.99	1.59
2450	-19.17	1.24
2500	-13.06	1.58



* Voltage Standing Wave Ratio(VSWR)
Return Loss(RL)
 $RL=20*\log_{10}[(VSWR+1)/(VSWR-1)]$

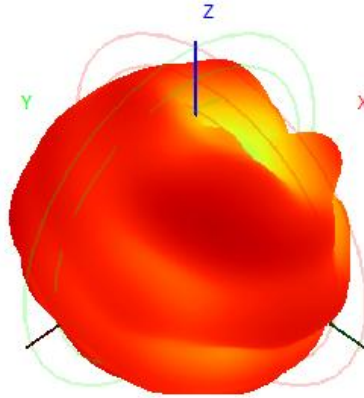
2. Efficiency and Gain

Frequency (MHz)	2400	2450	2500
Efficiency (%)	50.26	50.75	54.67
Gain (dBi)	2.56	2.82	3.16

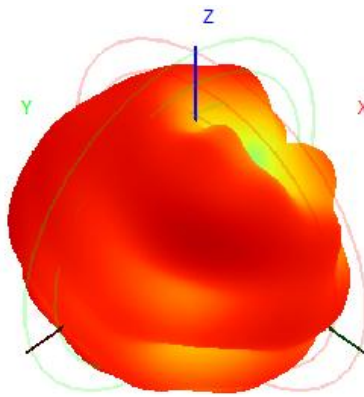


3. Radiation Pattern

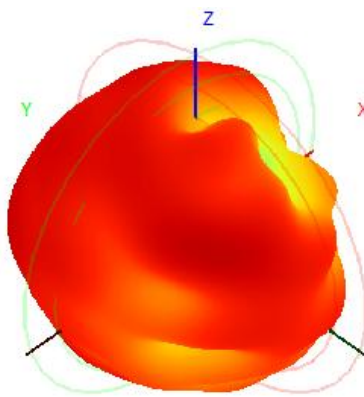
3-1 Antenna 3D Radiation Pattern



2400MHz

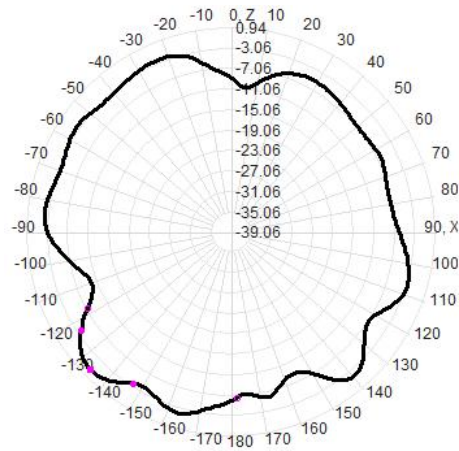


2450MHZ

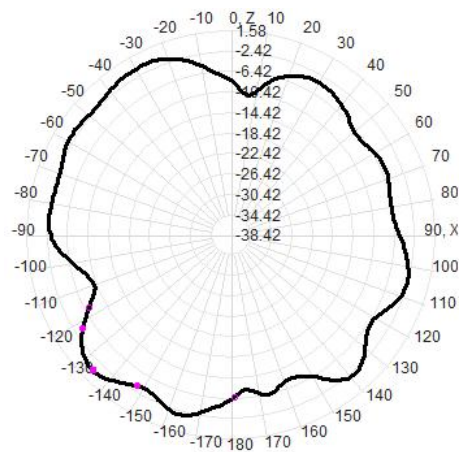


2500MHZ

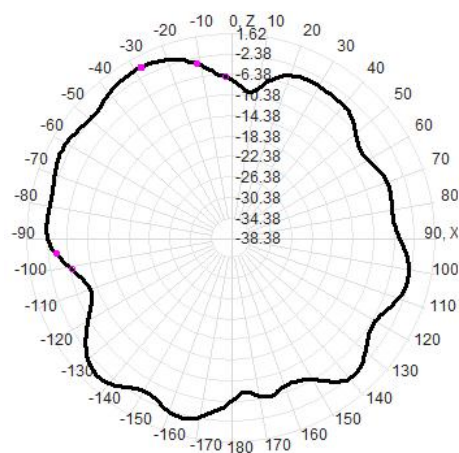
3-2 Antenna 2D Radiation Pattern



2400MHz



2450MHz



2500MHz