
SPECIFICATION FOR APPROVAL

CUSTOMER NAME: baby 1S

PRODUCT NAME: 880-930Mhz FPC 内置天线 L=55mm+端子

CUSTOMER P/N:

U B P/N: UB01C55F3D1874A REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:		
DATE:	2021-02-04	

Contents

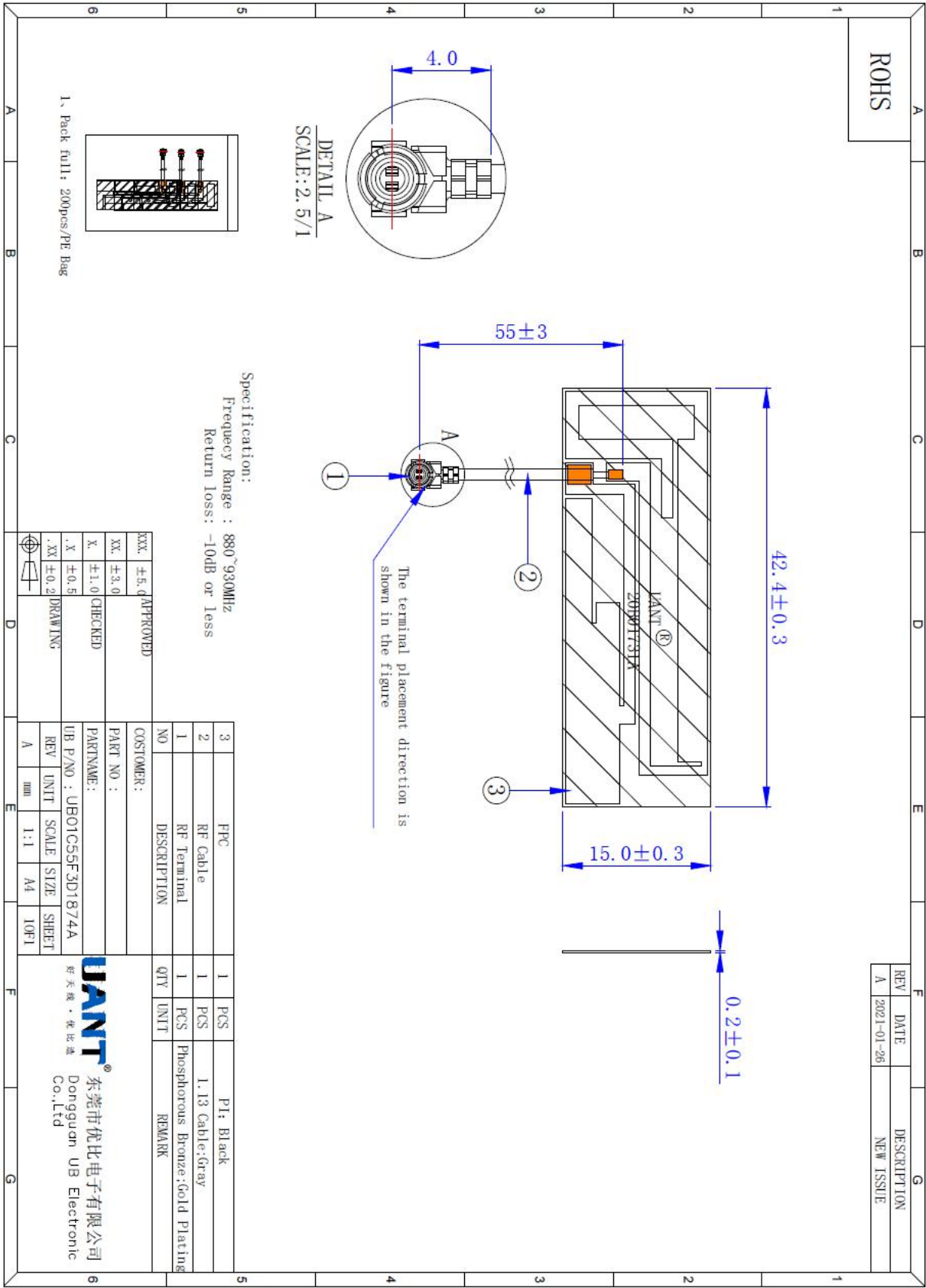
<i>Item</i>	<i>Description</i>
1. -----	Overall performance
2. -----	Product Drawing
3. -----	Product Characteristics
4. -----	Antenna Installation Diagram

1. Overall performance

Main product technical parameters

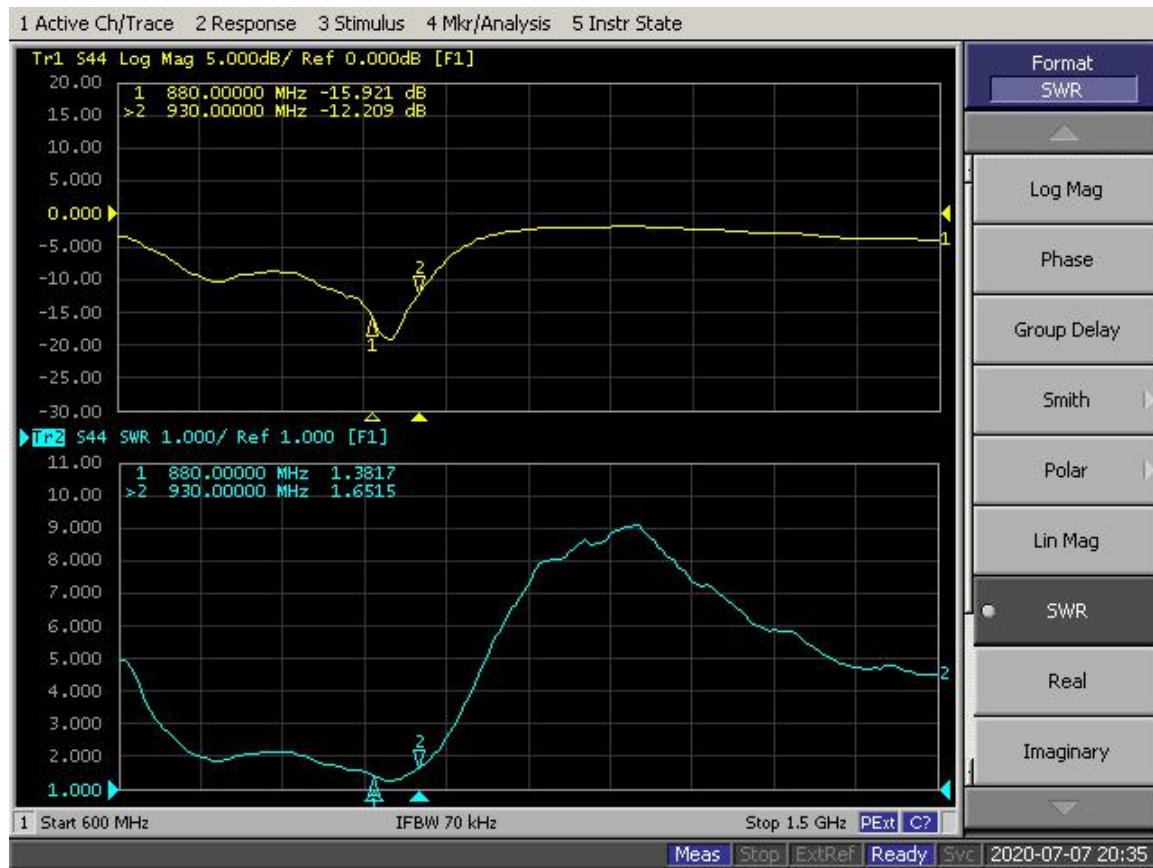
Main technical specifications	
Frequency Range (MHZ)	880-930
Impedance(Ω)	50
Peak Gain(dBi)	-1.78
VSWR	≤ 1.92
Admitted Power	1W
Polarization	Line
Connector Type	Terminal
Physical Properties	
Antenna Base	FPC
Operating Temp	-20℃~+70℃
Storage Temp	-20℃~+70℃

2. Product Drawing



3. Product Characteristics

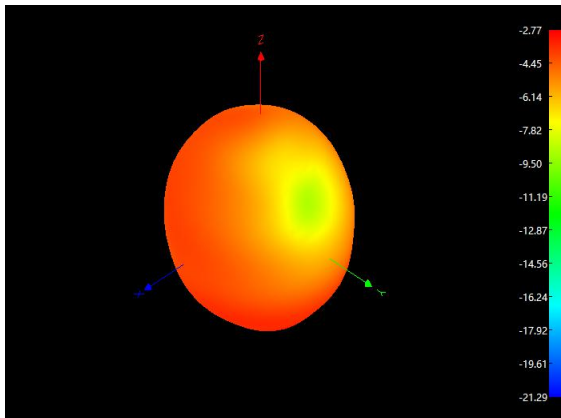
3.1: Network analyzer test report:



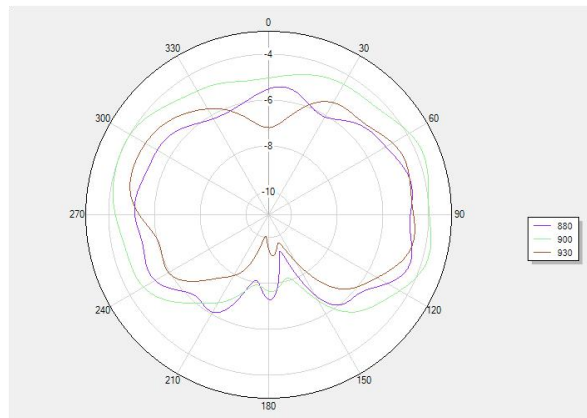
3.2. Antenna radiation efficiency

Frequency / MHz	Efficiency / %	Gain/ dB
880	23.88	-2.77
890	26.18	-2.14
900	26.92	-1.8
910	28.05	-1.78
920	27.67	-1.83
930	24.1	-2.46

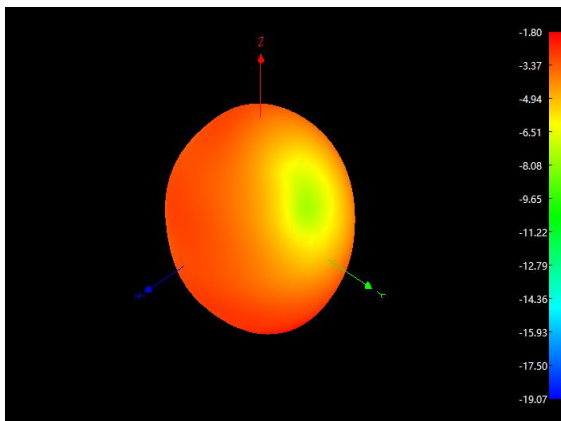
3.2.2 2D、3D Radiation Pattern



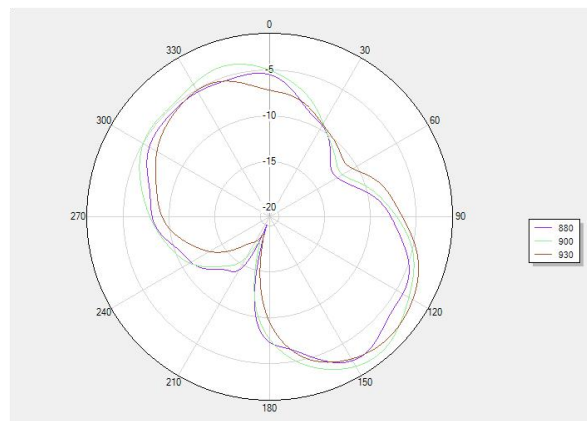
880Mhz



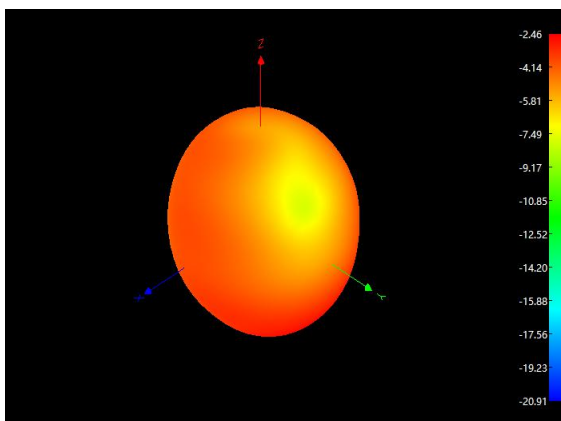
Phi 0 2D



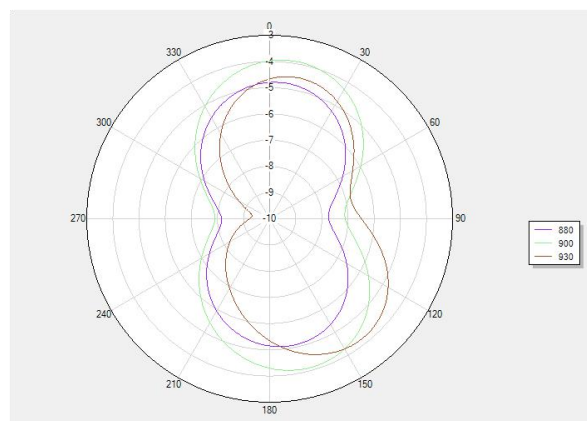
910Mhz



Phi 90 2D



930Mhz



Theta 90 2D

4. Antenna Installation Diagram

