
SPECIFICATION FOR APPROVAL

CUSTOMER NAME: baby monitor

PRODUCT NAME: Antenna L=55mm+terminals inside 880-930Mhz PCB

CUSTOMER P/N:

U B P/N: UB01C55P3D1557A

REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:		
DATE:	2020-09-22	

Contents

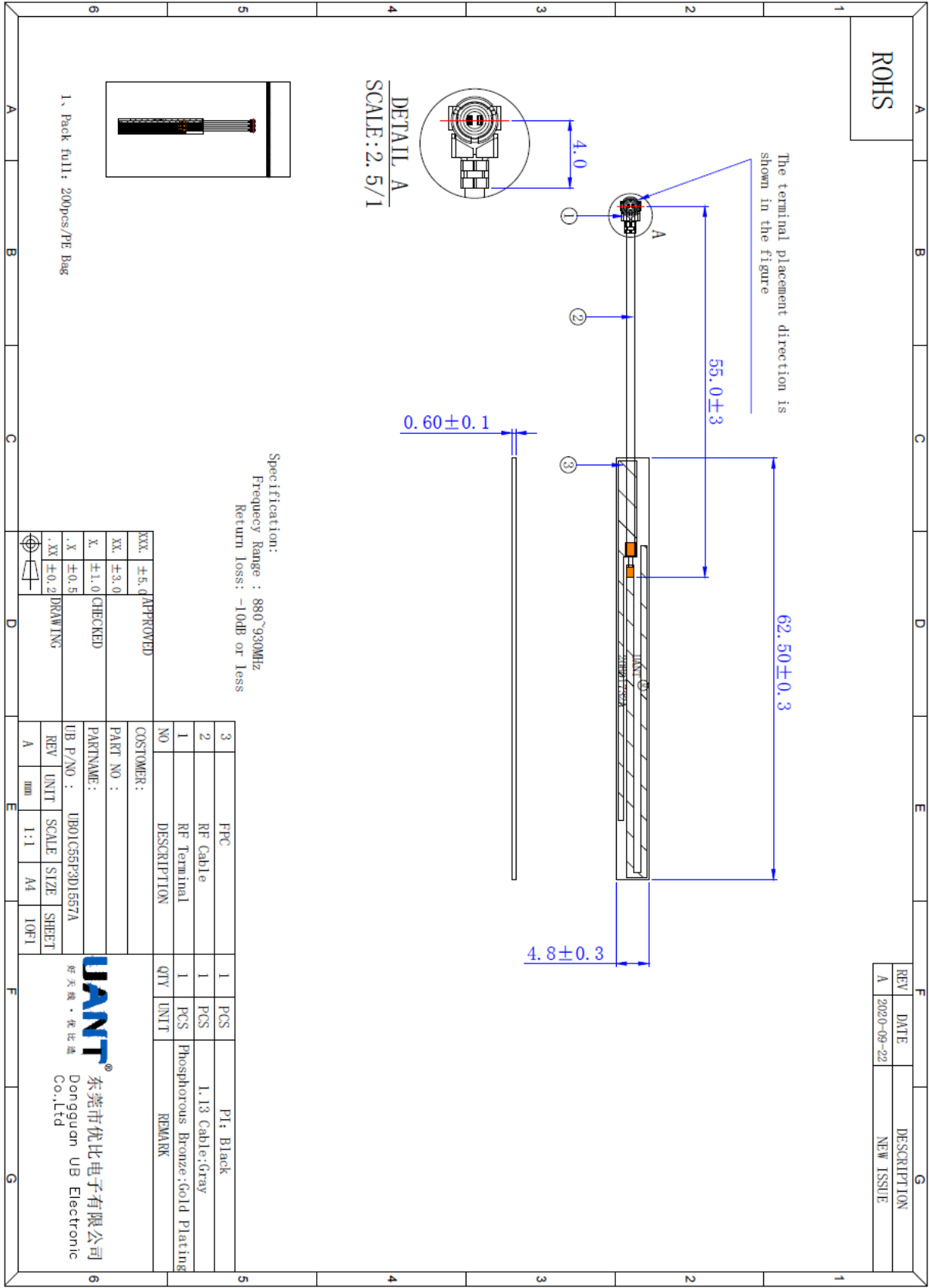
<i>Item</i>	<i>Description</i>
1. -----	Overall performance
2. -----	Product Drawing
3. -----	Product Characteristics
4. -----	Antenna Installation Diagram

1. Overall performance

Main product technical parameters

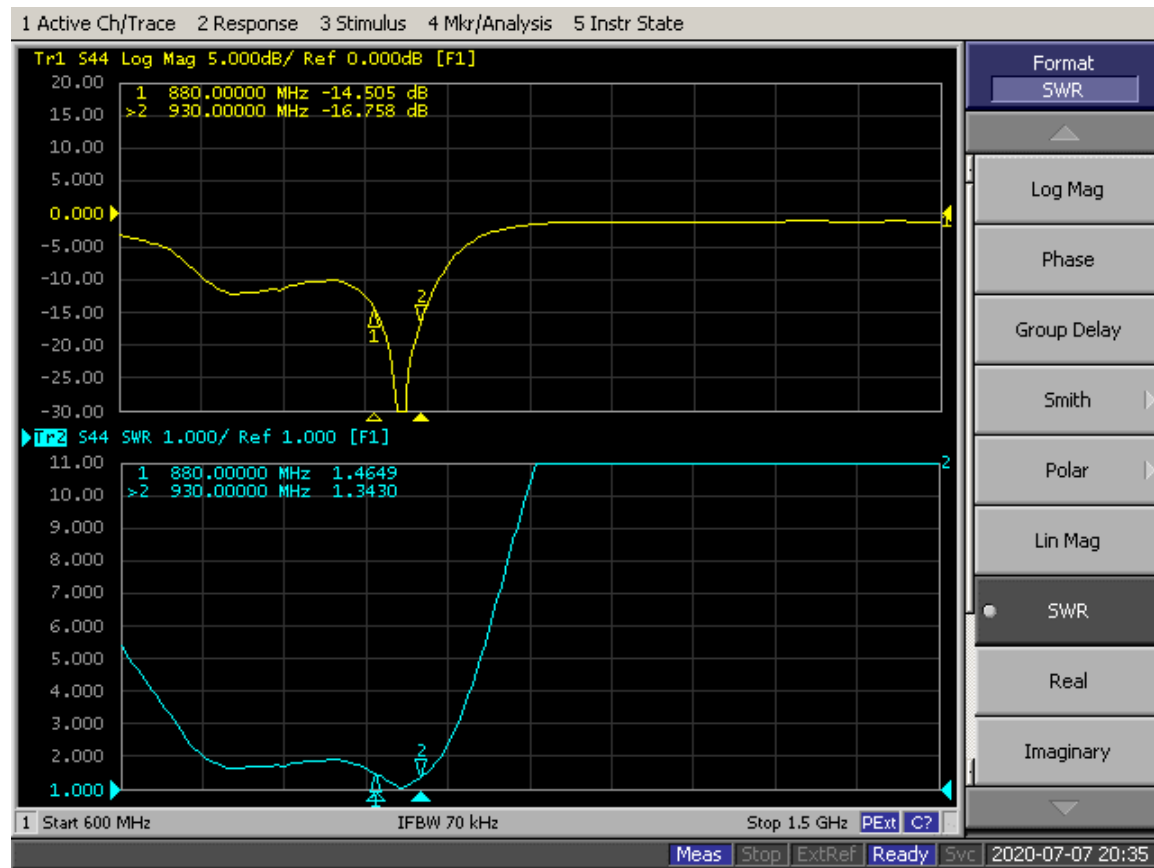
Main technical specifications	
Frequency Range (MHZ)	880–930
Impedance(Ω)	50
AVG Gain(dBi)	-1.33
VSWR	≤ 1.92
Admitted Power	1W
Polarization	Line
Connector Type	Terminal
Physical Properties	
Antenna Base	PCB
Operating Temp	-20℃~+70℃
Storage Temp	-20℃~+70℃

2. Product Drawing



3. Product Characteristics

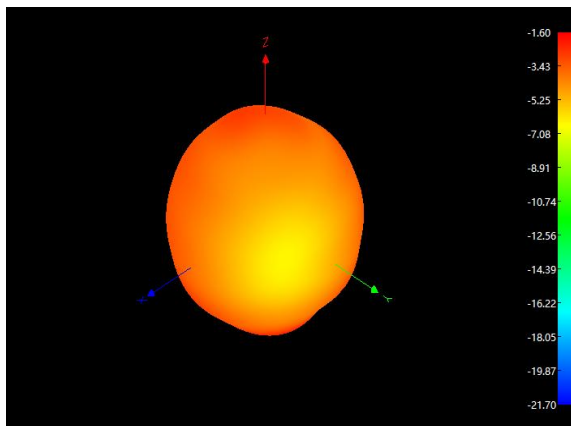
3.1: Network analyzer test report:



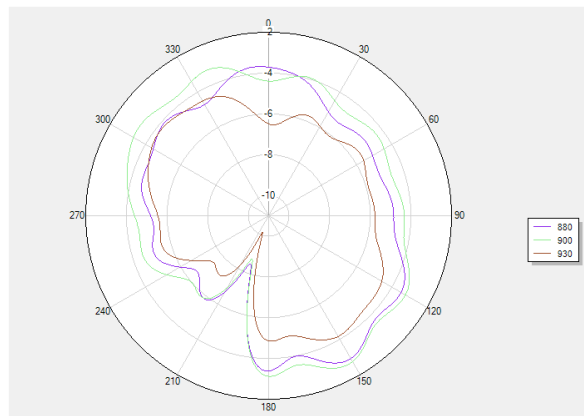
3.2. Antenna radiation efficiency

Frequency / MHz	Efficiency / %	Gain/ dB
880	30.34	-1.6
890	31.62	-1.15
900	31.05	-1.08
910	31.48	-1.05
920	30.62	-1.13
930	26.36	-2

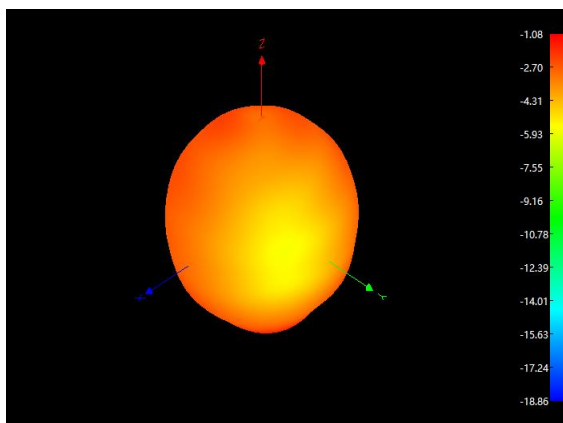
3.2.2 2D、3D Radiation Pattern



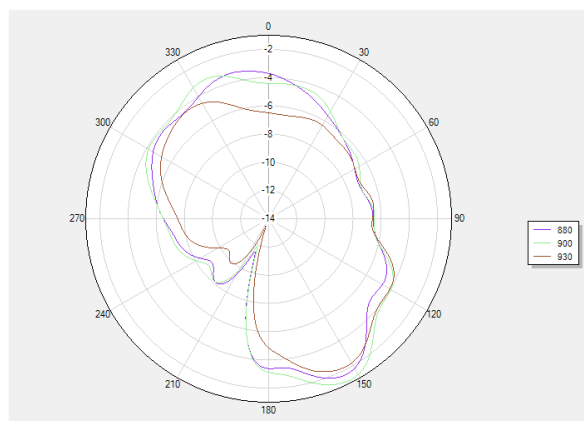
880Mhz



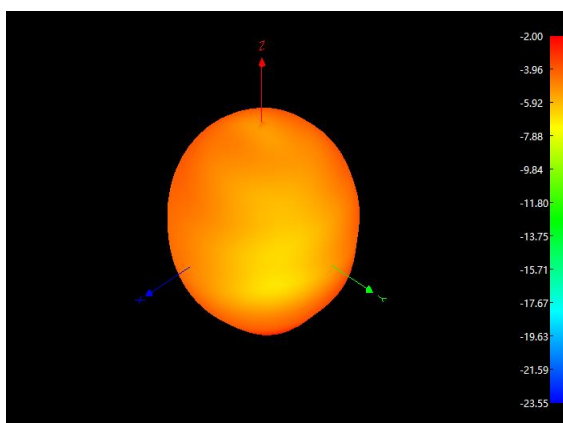
Phi 0 2D



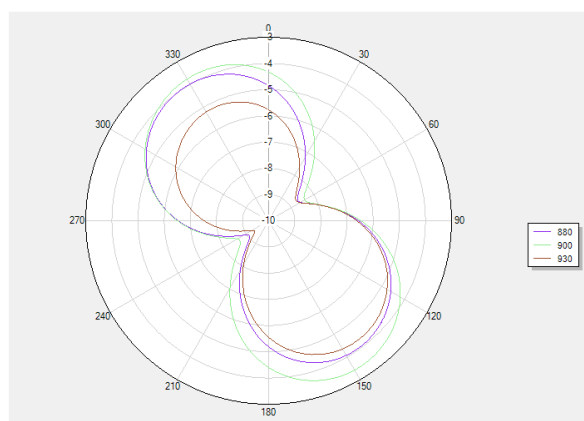
910Mhz



Phi 90 2D



930Mhz



Theta 90 2D

4. Antenna Installation Diagram

