



SPECIFICATIONS FOR APPROVAL

Antenna Name: Lora Base Antenna

Product Name: MH100

Issued Date: 2022-11-15

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1.Product Specification

Electrical Characteristics	
Frequency	860MHz ~930 MHz
VSWR	<2.0
Efficiency	>48%
Impedance	50Ohm
Polarization	Linear
Gain	≤1.1dB

2.Test Equipment & Conditions

- | | |
|----------------------------------|---------------------|
| 1.Network Analyzers | Agilent 8753D/5071C |
| 2.HSPA and LTE protocol test set | R&S CMW500 -PT |
| 3.Communications Test Set | Agilent 8960 |
| 4.3D Chamber Test System | |

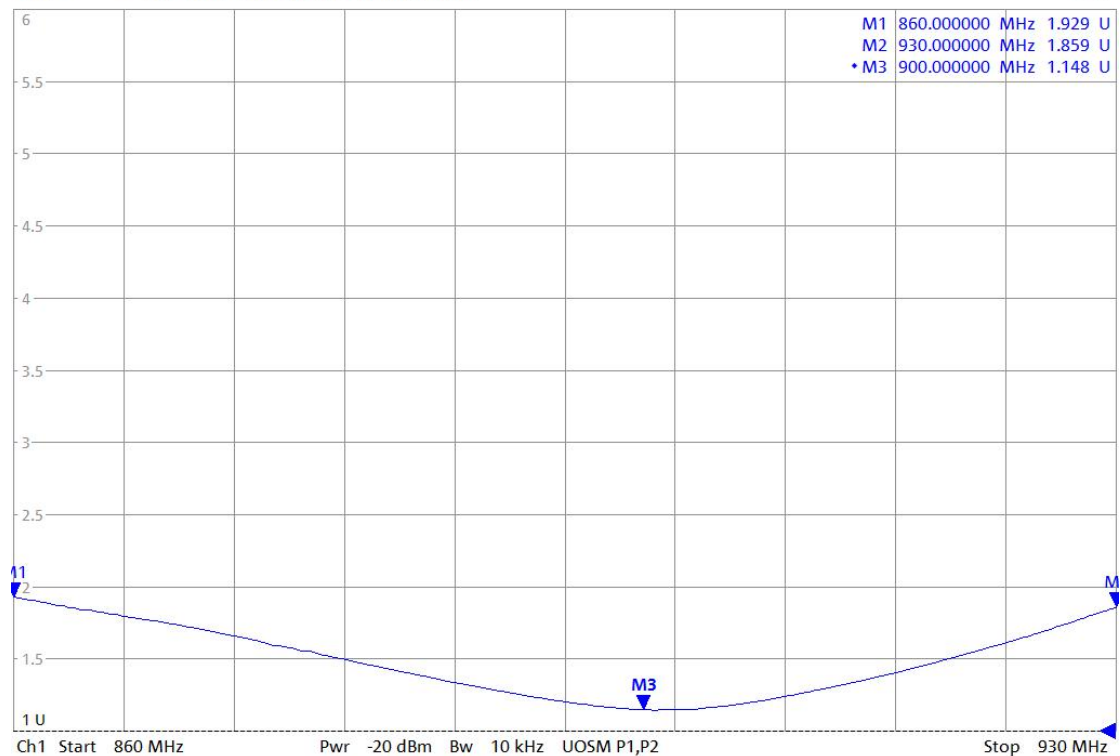
3.Test Report

3.1 Voltage Standing Wave Ratio(VSWR).

11/16/2022 11:42:00 AM
1328.5170K92-102481-MK

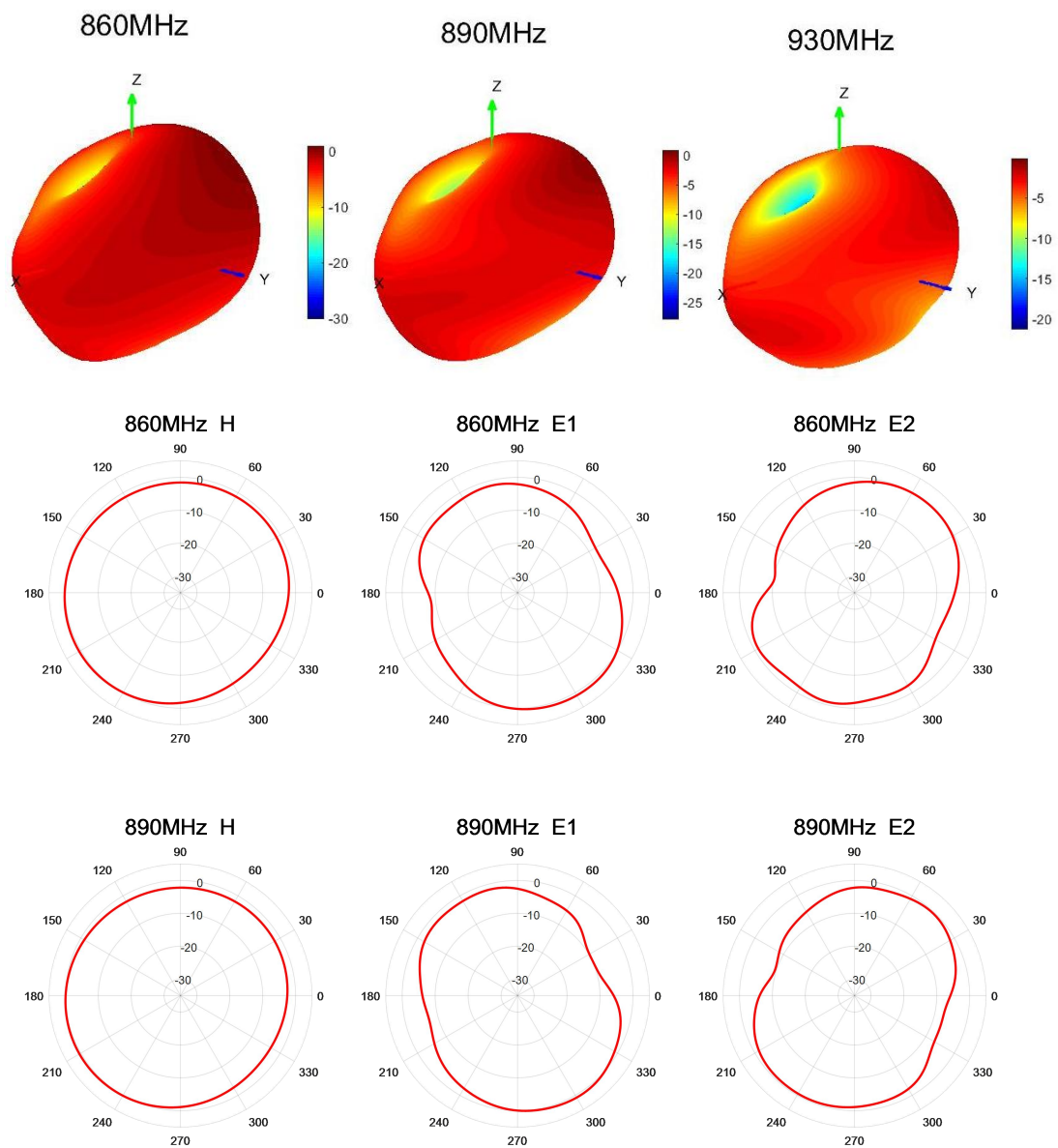
Trc5 S11 SWR 500 mU/ Ref 1 U Cal Off Offs

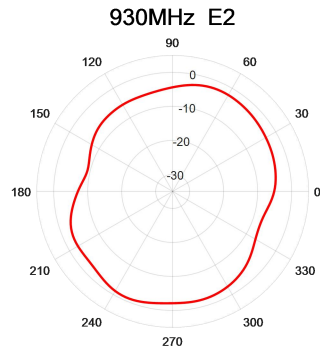
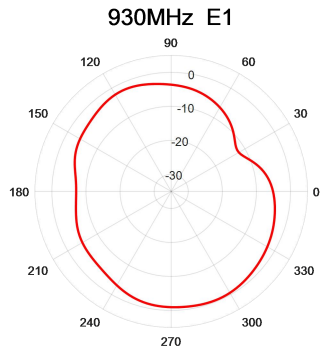
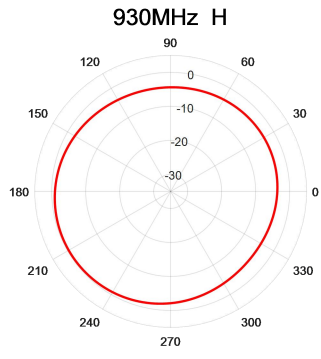
1



3.2 Efficient and gain.

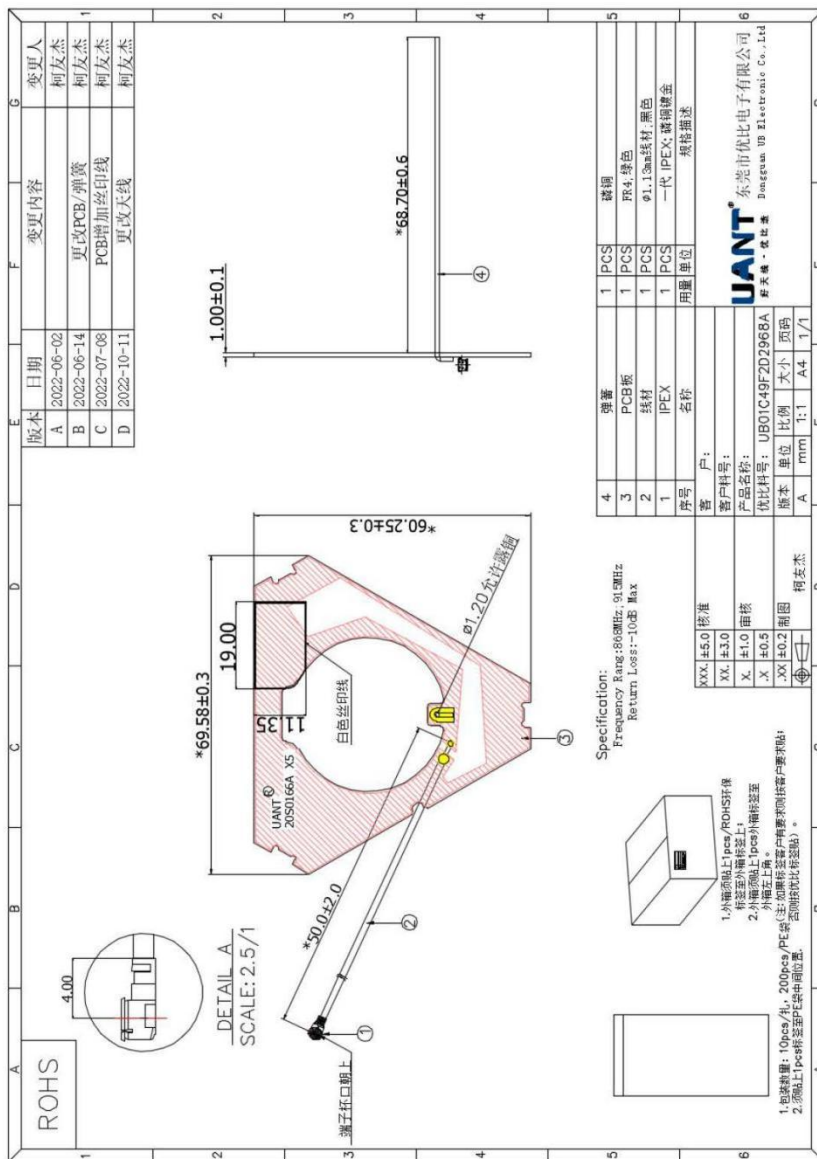
Passive Test For WIFI/BT								
Freq (MHz)	860	870	880	890	900	910	920	930
Effi (%)	63.77	64.86	63.95	60.72	57.27	53.99	51.47	48.39
Gain (dBi)	0.98	1.08	1.1	0.94	0.7	0.49	0.24	-0.11





4. Product Drawing

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