



吴通控股集团股份有限公司

Wutong Holding Group Co., Ltd

承认书

(SPECIFICATION FOR APPROVAL)

客户 (Customer Name): Hoymiles Power Electronics Inc

品名 (Item name): Frequency range: 860-930MHz; Impedance 50 ohms; Gain -0.82dBiMAX;
External leakage line length L=155mm RF1.13 black double tin cable;
First generation original IPEX terminal

型号 (Vender Part No): WTTX230006B

客户物料代码 (Customer Part No): A6040414

承认版本号 (Revision): A/0

日期 (Date): 2023. 03. 27

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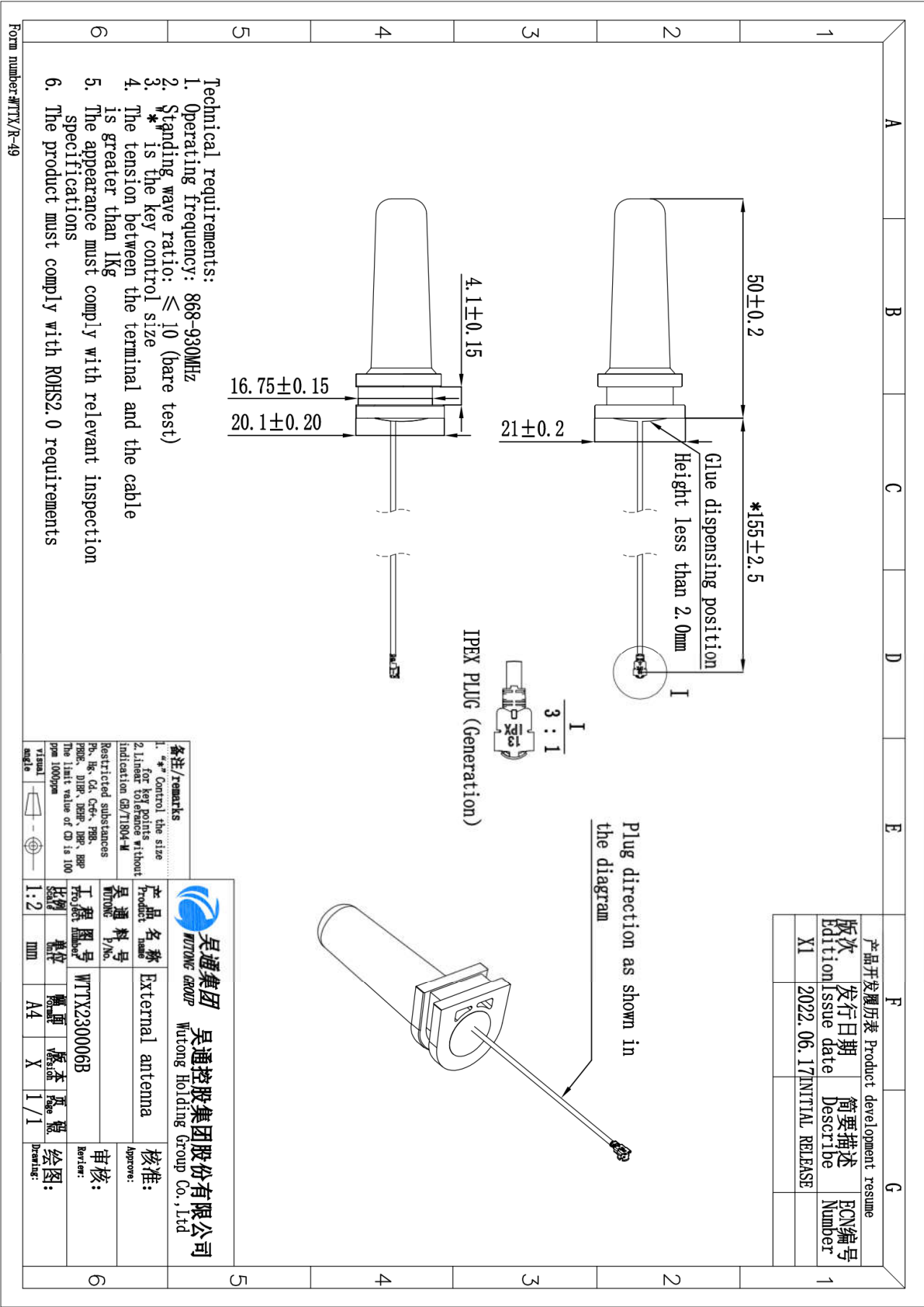
电性测试报告

Test Reports

Electrical Properties 电气性能	
Frequency/频率	860~930MHz
Impedance/阻抗	50Ω
V.S.W.R/驻波	≤10.50 (Naked testing)
Return loss/回波损耗	≤-1.66 (Naked testing)
Gain (Peak)/增益(最大)	0.82dBi
Polarization/极化方式	Linear
Admitted Power/输入功率	5W
Connector/连接器	IPEX plug (Generation)
Antenna Type /天线类型	Whip Antenna
Physical Properties 机械性能	
Antenna Material/天线材料	PCB/PC
Cable Type/线缆型号	1.13 Double tin wire
Operating Temp/工作温度	-40℃~85℃
Storage Ttemperature/存储温度	-40℃~85℃



五、产品图纸/Drawing





六、电性测试参数/ Electrical testing parameters

6.1/VSWR & Return loss



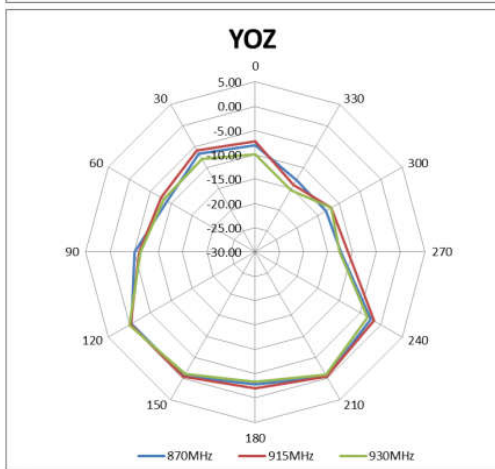
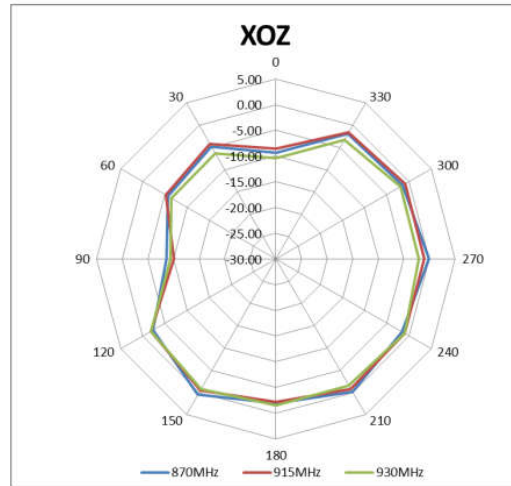
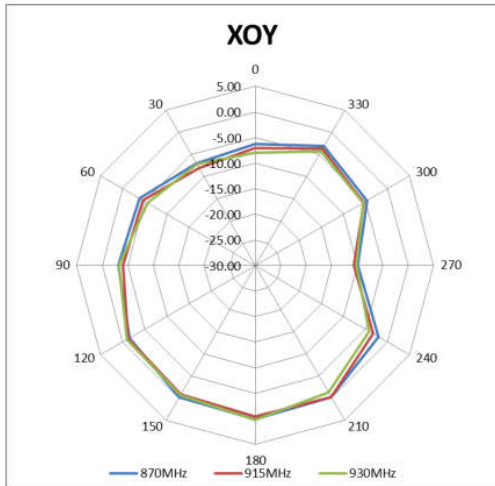


6.2/增益&效率/Gain & Efficiency

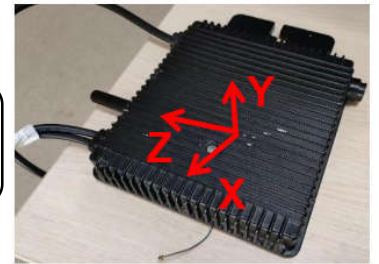
频段 (MHz)	Eff (%)	Gain (dBi)
860	38.66	0.36
865	37.98	0.47
870	40.70	0.58
900	40.45	0.82
905	42.32	0.77
910	42.69	0.76
915	42.57	0.65
920	41.98	0.51
925	35.88	0.36
930	36.97	0.27



6.3/2D 方向图/2D directional diagram



测试坐标示意图
Test coordinate diagram





七、天线成品实物图/Physical picture

