



Wutong Holding Group Co.,Ltd

(SPECIFICATION FOR APPROVAL)

Customer Name: Hoymiles Power Electronics Inc

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

Vender Part No: WTTX230006B

Customer Part No: A6040414

Revision: A/0

Date: 2023. 03. 27

Wutong Holdings Group Co., Ltd

No. 2596, Taidong Road, Caohu Street, Xiangcheng District Economic
Development Zone, Suzhou



Test Reports

Electrical Properties	
Frequency	860~930MHz
Impedance	50Ω
V.S.W.R	≤10.50 (Naked testing)
Return loss	≤-1.66 (Naked testing)
Gain (Peak)	0.82dBi
Polarization	Linear
Admitted Power	5W
Connector	IPEX plug (Generation)
Antenna Type	Whip Antenna
Physical Properties	
Antenna Material	PCB/PC
Cable Type	1.13 Double tin wire
Operating Temp	-40℃~85℃
Storage Ttemperature	-40℃~85℃

Form number: WTTX/R-49



Electrical testing parameters

6.1/VSWR & Return loss



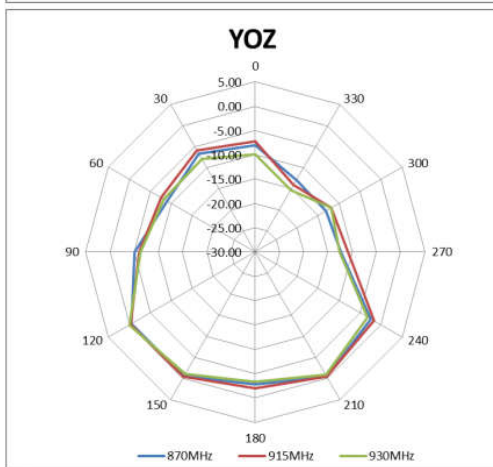
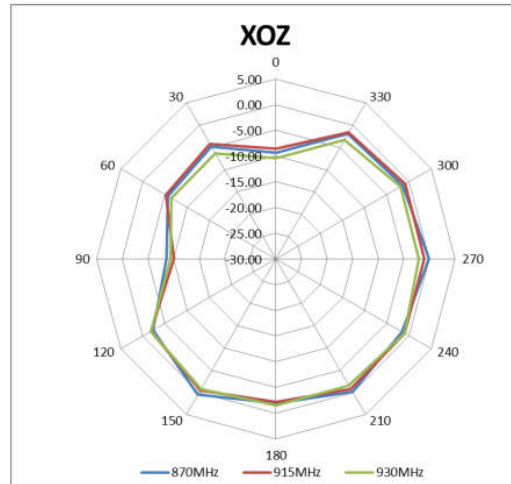
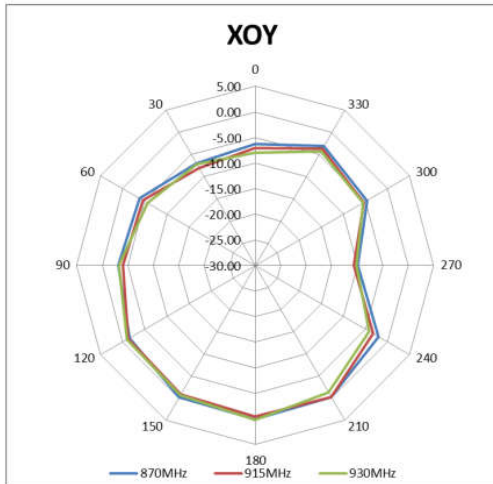


6.2 Gain & Efficiency

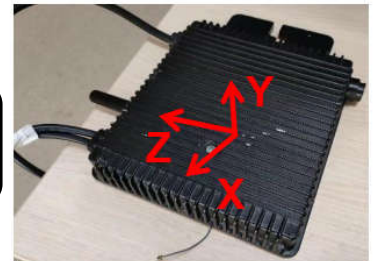
Freq (MHz)	Eff (%)	Gain (dBi)
860	38.66	0.36
865	37.98	0.47
870	40.70	0.58
900	40.45	0.82
905	42.32	0.77
910	42.69	0.76
915	42.57	0.65
920	41.98	0.51
925	35.88	0.36
930	36.97	0.27



6.3 2D directional diagram



Test coordinate diagram





Physical picture

