Wistron NeWeb Corp.

08.22100.001 Data Sheet

Customer Name:

Date: 3/27/2018 **Doc. Version: 0.1**

Customer P/N	**08.22100.011**
WNC P/N	**08.22100.011**
Description	**ROD ANTENNA,ASSEMBLY,DUAL,2.4~2.5GHZ,2DBI,5.15~5.85GHZ,2DBI,2VSWR,195MM(L),RP-SMA PLUG, GRAY, PANTONE 433C,-20℃~,60℃,CP PN 170836-000, RF21S00871A**
Version	**0.1**

Provided By Wistron NeWeb Corp	Reviewed By Wistron NeWeb Corp	Approved By Customer
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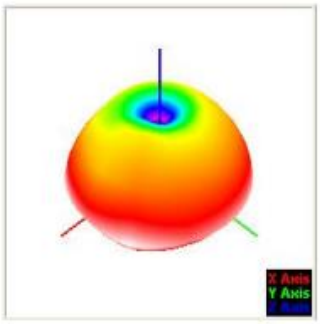
Revision History

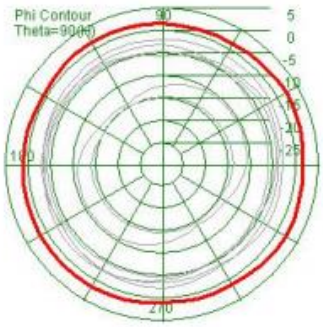
Date	Version	Change Description
3/27/2018	**0.1**	First Version

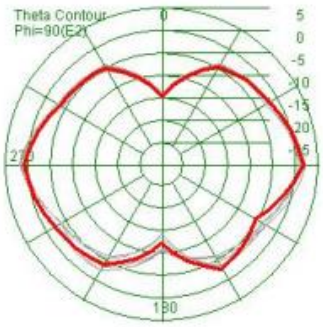
1. Product Specification

主要技术指标		Main technical specifications	
频率范围（MHZ）	2400-2483 5150-5825	Frequency Range (MHZ)	2400-2500 5150-5850
中心频率特性阻抗(Ω)	50±10	Impedance(Ω)	50±10
增益(dBi)	2±0.5	Gain(dBi)	2±0.5
效率(%)	50	Efficiency(%)	50
反射损耗	≤-9.5	Return Loss(dB)	≤-9.5
输出电压驻波比	≤2.0	VSWR	≤2.0
极化方式	垂直极化	Polarization	Linear, Vertical
方向性	全向性	Radiation	Omni-directional
连接方式	R-SMA	Connector Type	R-SMA
物理性能		Physical Properties	
天线本体材料	TPEE	Antenna Base	TPEE
工作温度	-20℃~+60℃	Operating Temp	-20℃~+60℃
保存温度	-20℃~+70℃	Storage Temp	-20℃~+70℃

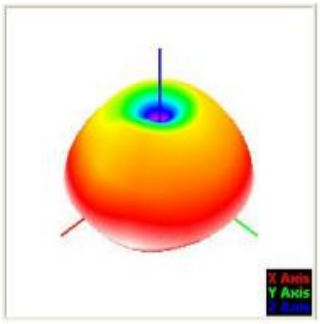
2. Antenna Performance

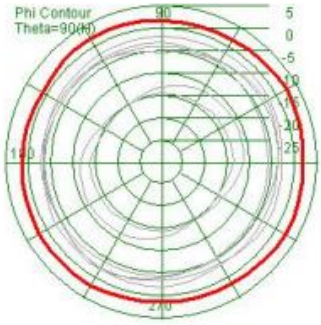


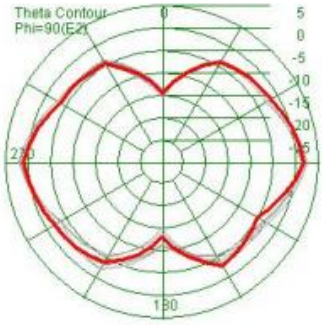




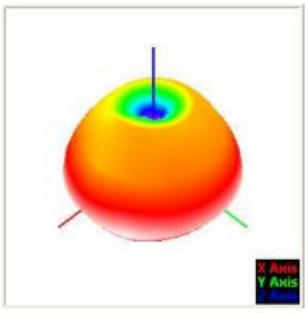
2400MHZ Gain(Peak):2.21dBi Efficiency:78.4%

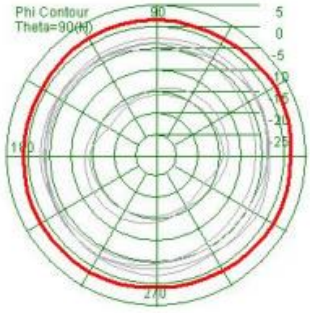


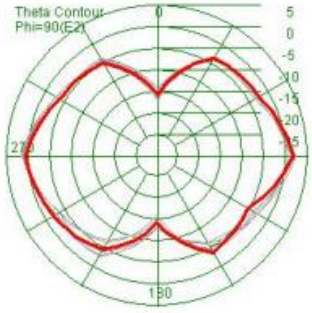




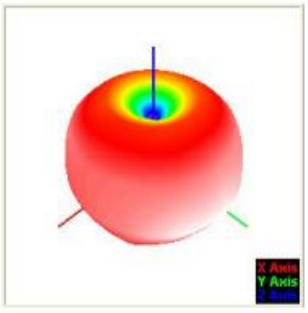
2450MHZ Gain(Peak):2.47dBi Efficiency:79.7%

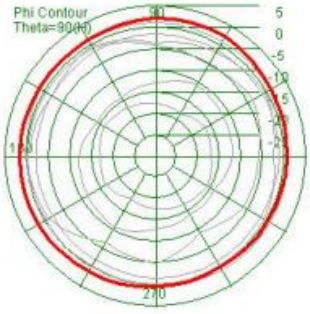


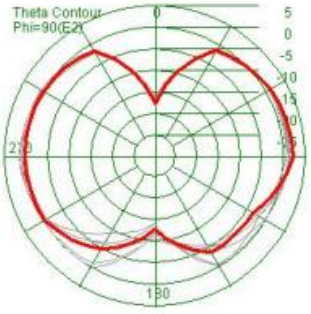




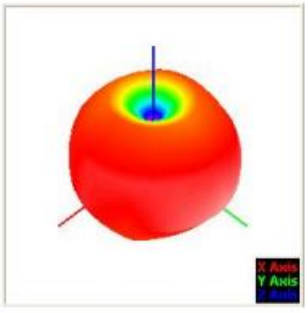
2500MHz Gain(Peak):2.12dBi Efficiency:71.7%

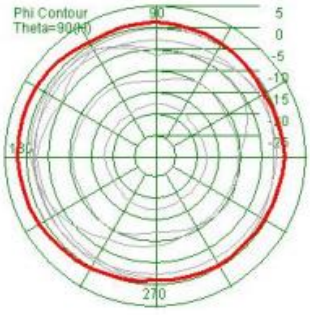


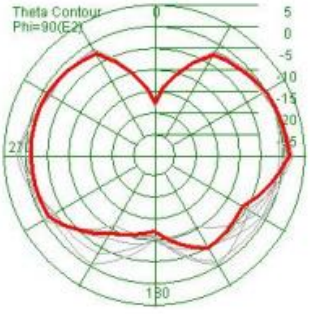




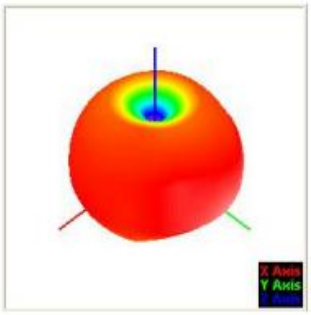
5150MHZ Gain(Peak):2.18dBi Efficiency:75.3%

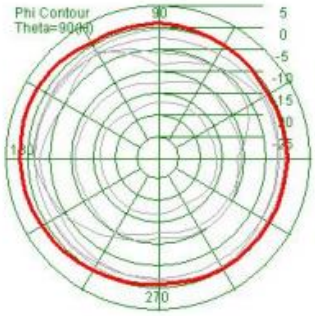


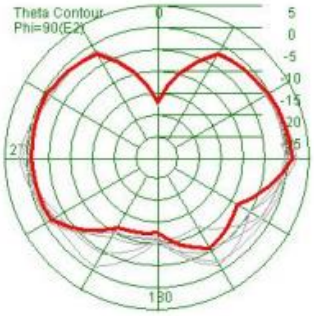




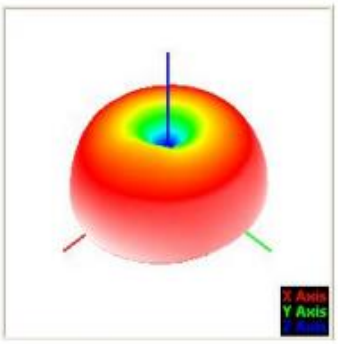
5350MHZ Gain(Peak):2.19dBi Efficiency:72.1%

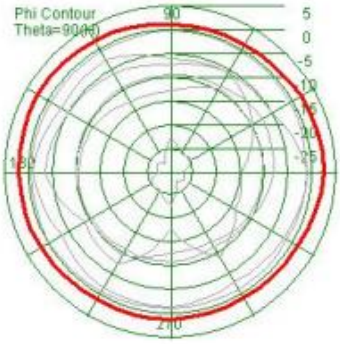


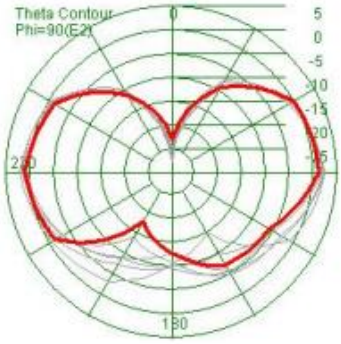




5550MHZ Gain(Peak):2.14dBi Efficiency:72.1%







5850MHz　　Gain(Peak):2.47dBi　　Efficiency:73.8%

3. Outline Drawing