



ShenZhen XinErSheng Technology Co.,Ltd

SPECIFICATION FOR APPROVAL

CUSTOMER _____

Product 2.4G 4dBi white SMA antenna, RP-SMA male (female pin)

**Manufacturers
of Material** XESANT12B13465

**Customer Part
Number** W1-1301-3465-001-01

D A T E 2023/08/ 11

V E R S I O N A/0

**That
Customers:**

ORGANIZER	CHECK	APPROVAL

ShenZhen XinErSheng Technology Co.,Ltd

ORGANIZER	CHECK	APPROVAL
Biao	LiSen	Amy

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Main technical parameters of the product

Main technical specifications	
Frequency Range(MHZ)	2400-2500
Impedance(Ω)	50 ± 10
Gain(dBi)	4.0 ± 0.5
ReTurnLoss(dB)	≤ -10
VSWR	≤ 1.92
Polarization	1W
Connector Type	Linear Vertical
Physical Properties	
Antenna Base	copper
Operating Temp	$-20^{\circ}\text{C} - +60^{\circ}\text{C}$
Storage Temp	$-20^{\circ}\text{C} - +70^{\circ}\text{C}$

Product drawing

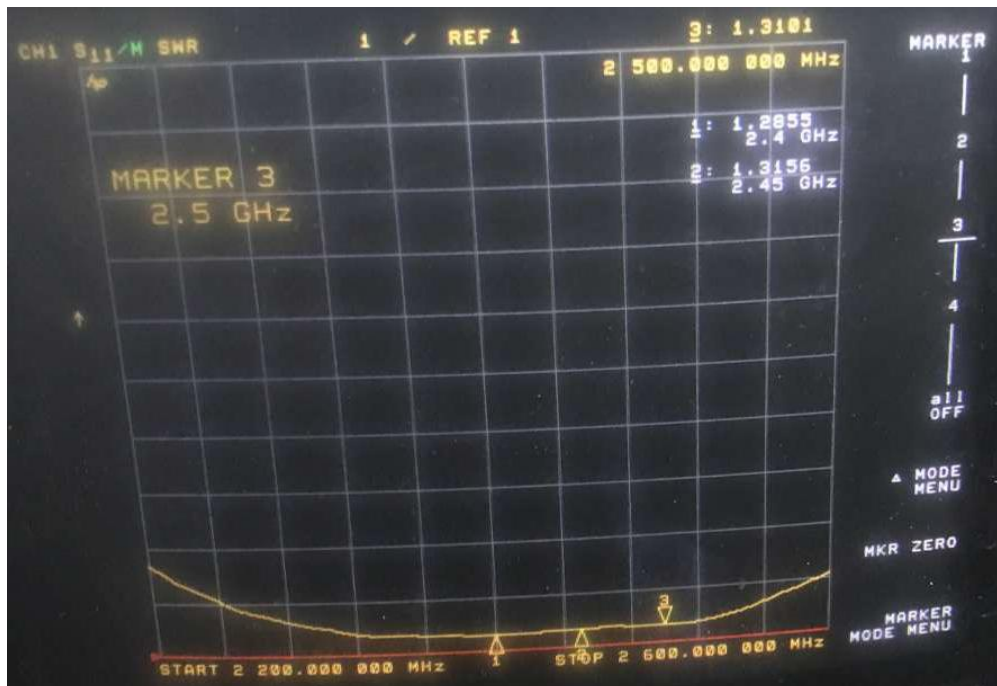
Finished product image.

RoHS Environmental Protection Label

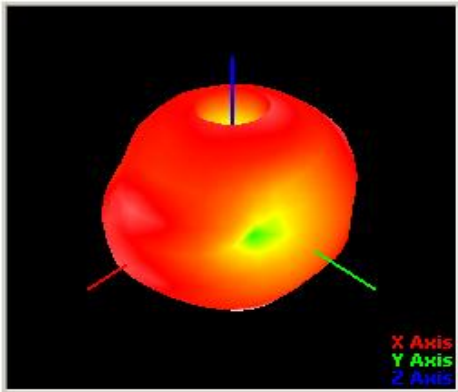
1. An IPQS/RoSH label needs to be affixed to the outer box label.
2. A IPQS/outer carton label needs to be affixed to the upper right corner of the outer carton side.

Specification:
Frequency Range: 2.4G~2.5G
Return Loss: < -10dB or less
VSWR: 1.92 Max
Gain: 4 dBi

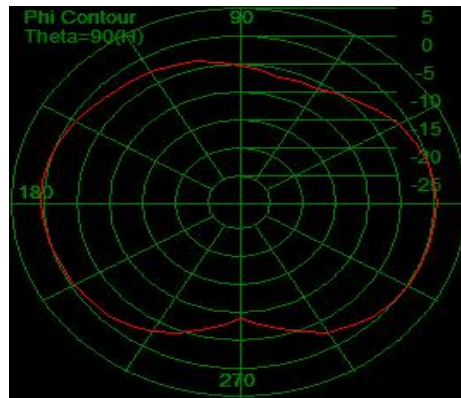
Network analyzer test report: SWR



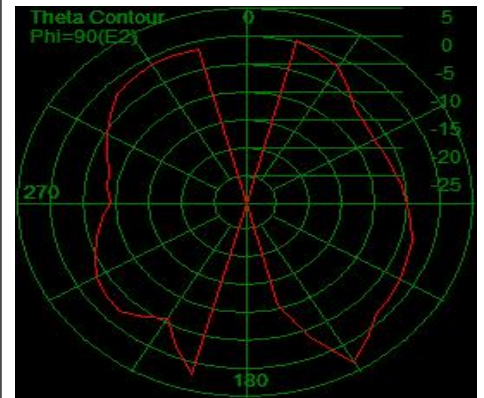
2D、3DRaditation Pattern



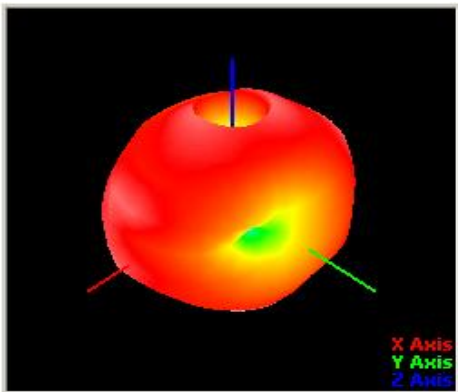
2.4G



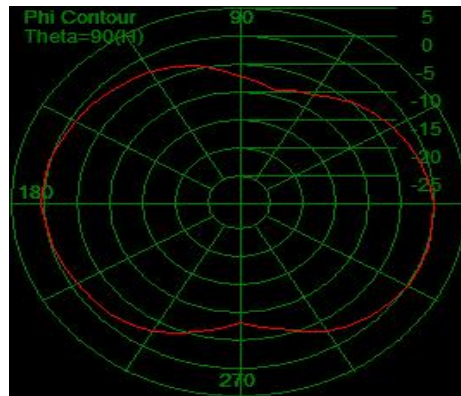
Gain(Peak):3.92dBi



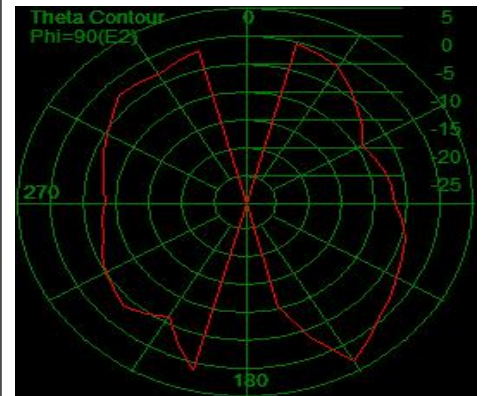
Efficiency:68.7%



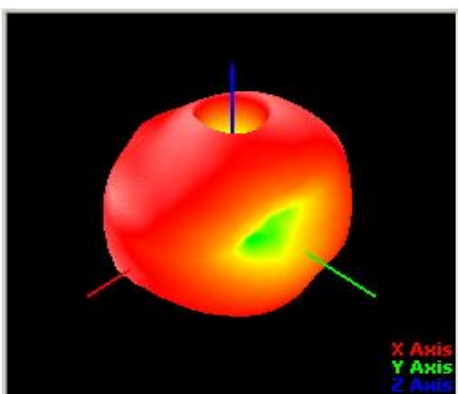
2.45G



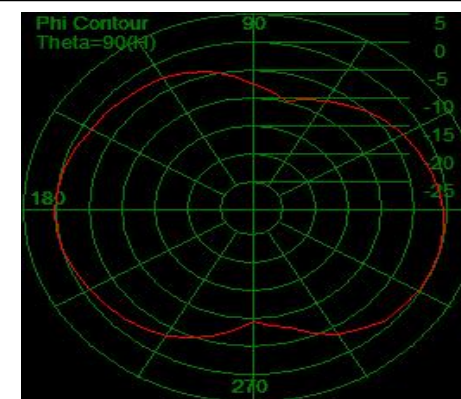
Gain(Peak):4.03dBi



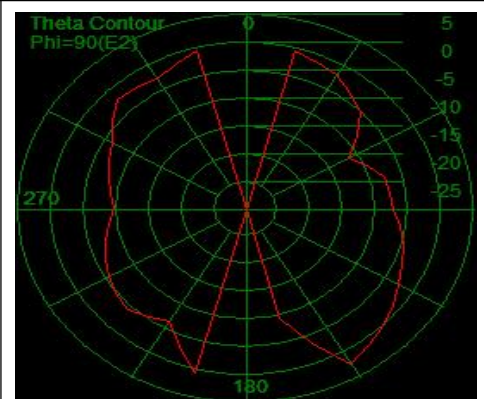
Efficiency:69.2%



2.5G



Gain(Peak):3.95dBi



Efficiency:68.3%