
SPECIFICATION FOR APPROVAL

CUSTOMER NAME:

PRODUCT NAME: 2.4G -2dBi White direct insertion
antenna, L=180mm+IPEX

CUSTOMER P/N:

UB P/N: UB02C180W2D236A REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
AUDITOR BY:		
APPROVED BY:		
DATE:	2017-11-6	

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一、Specification Table:

Main technical parameters of the product

Main technical indicators		Main technical specifications	
frequency range (MHZ)	2400-2500	Frequency Range (MHZ)	2400-2500
characteristic impedance(Ω)	50	Impedance(Ω)	50
gain(dBi)	2±0.5	Gain(dBi)	2±0.5
output voltage Standing Poppy	≦ 1.92	VSWR	≦ 1.92
Polarization mode	Linear polarization	Polarization	Linear
directional	Omnidirectionality	Radiation	Omni-directional
Connection method	Cable+IPEX	Connector Type	Cable+IPEX
physical property		Physical Properties	
Antenna jacket material	TPE	Antenna cover	TPE
working temperature	-20℃~+50℃	Operating Temp	-20℃~+50℃
Storage temperature	-20℃~+50℃	Storage Temp	-20℃~+50℃

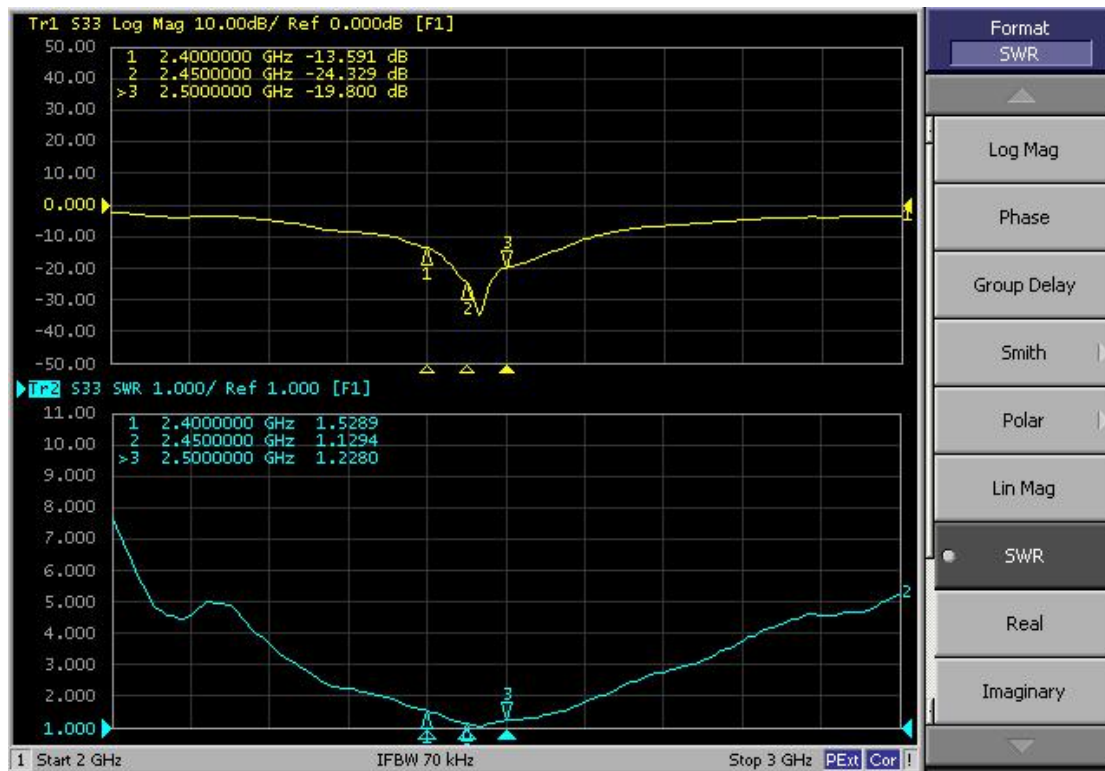
Specification:
Frequency Range : 2.4G~2.5GHz
Return loss: -10dB or less
Gain: 2dBi

NO	DESCRIPTION	QTY	REMARK
1	1-PEX端子	1	brass
2	POK; White	2	POK; White
3	TPEE; White	1	TPEE; White
4	Zinc alloy	1	Zinc alloy
5	PC; White	1	PC; White
6	PC+PBT; White	1	PC+PBT; White
7	φ1.13 Gray	1	φ1.13 Gray

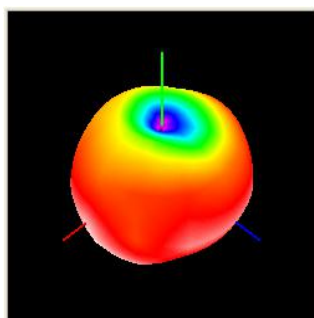
UANT 东莞市优比电子有限公司
Dengguan UB Electronic Co., Ltd

三、Test report

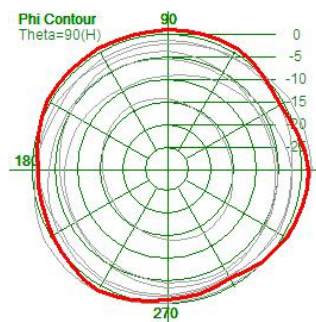
3.1: Network Analyzer Test Report



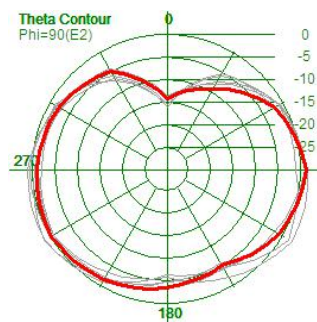
3.2: darkroom 2D、3DRaditation Pattern



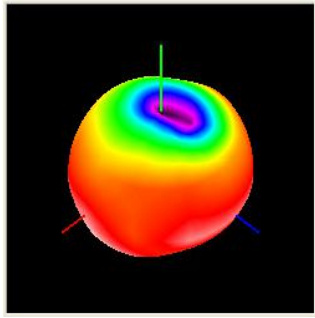
2.4GHz



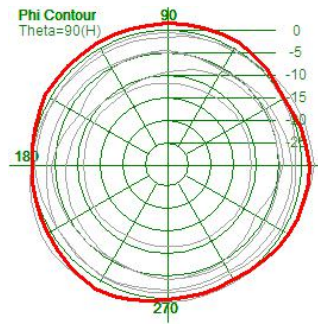
Gain:2.23 dBi



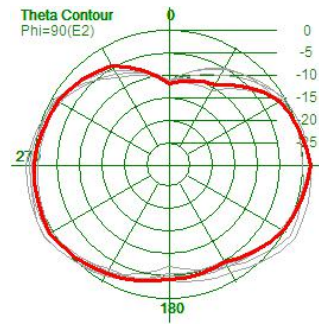
Efficiency: 70.0 %



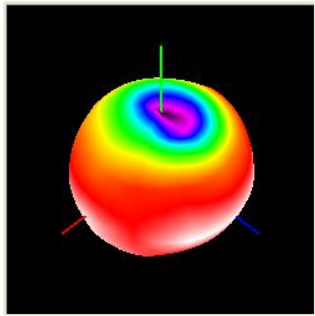
2.45GHz



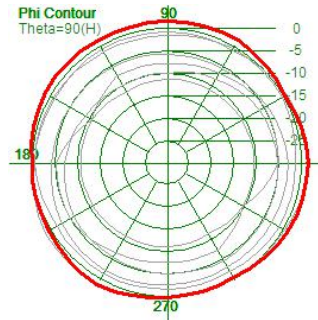
Gain: 2.26dBi



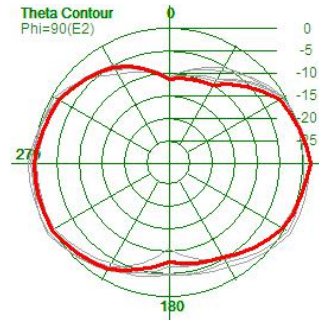
Efficiency: 70.4%



2.5GHz



Gain: 2.31dBi



Efficiency: 71.3%