



Product Specification

P/N: 366W0026

REV.: X1

Data: 2019/05/27

Protocol: Tom

Antenna Specification



Item	Specification	Comment
Impedance	50Ω	
Test Condition	Passive Test	
Freq. Range	2400-2500MHz 5150-5850MHz	
Antenna Type	Rod Antenna	
Peak Gain	3.3dBi	
VSWR	2400-2500MHz≤2.0 5150-5850MHz≤2.0	
Polarization Type	Vertical	
Radiation Type	Omnidirectional	
Connector Type	RP-SMA-J	
RF Cable Type	N/A	
Dimension	OD13*195mm	
Operating Temp	-40℃ ~ +85℃	
Storage Temp	-40℃ ~ +85℃	

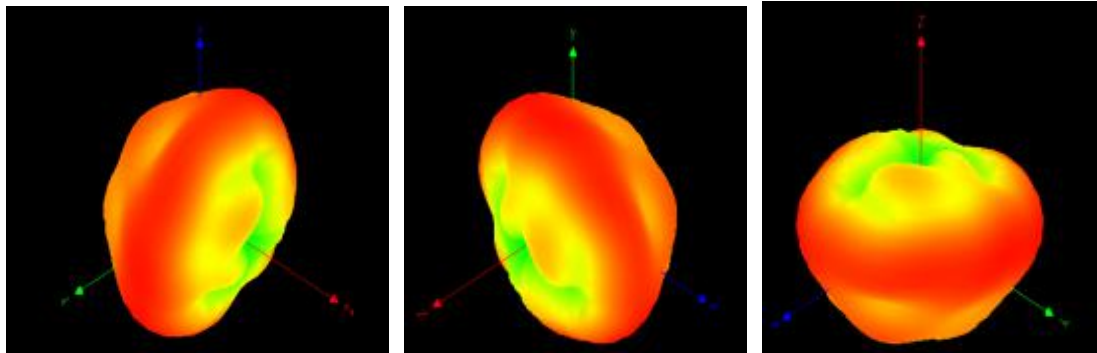
1.Efficiency/ Gain Test 效率测试

Efficiency / Gain Test		
Freq (MHz)	Effi (%)	Gain (dBi)
2400MHz	52%	1.73
2410MHz	52%	1.73
2420MHz	54%	1.94
2430MHz	54%	2.07
2440MHz	54%	1.95
2450MHz	55%	1.97
2460MHz	54%	2.05
2470MHz	54%	2.27
2480MHz	54%	2.49
2490MHz	54%	2.58
2500MHz	52%	2.52

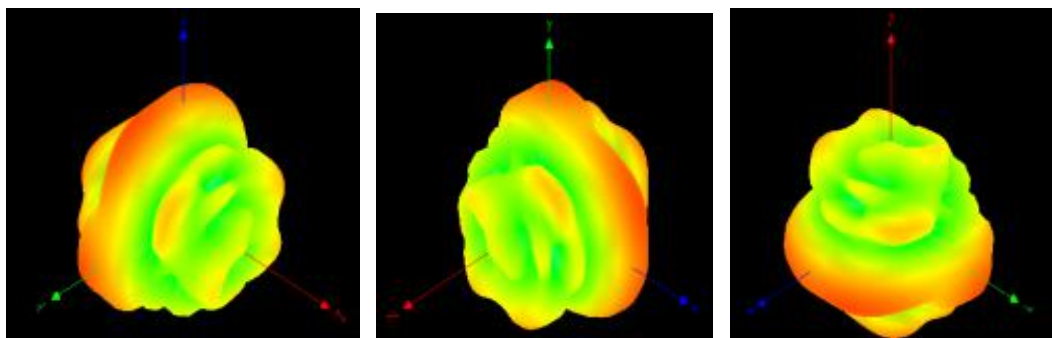
Efficiency / Gain Test		
Freq (MHz)	Effi (%)	Gain (dBi)
5150MHz	34%	0.34
5170MHz	35%	0.34
5190MHz	37%	0.58
5210MHz	37%	0.57
5230MHz	37%	0.55
5250MHz	37%	0.72
5270MHz	35%	0.84
5290MHz	37%	1.52
5310MHz	38%	2.21
5330MHz	37%	2.52
5350MHz	37%	2.71
5370MHz	39%	3.19
5390MHz	40%	3.32
5410MHz	41%	3.1
5430MHz	38%	2.28
5450MHz	34%	1.64
5470MHz	33%	1.23
5490MHz	31%	0.65
5510MHz	31%	0.37
5530MHz	34%	0.51
5550MHz	37%	0.59
5570MHz	38%	0.92
5590MHz	40%	1.24
5610MHz	40%	1.19
5630MHz	42%	0.98
5650MHz	41%	0.74
5670MHz	39%	0.57
5690MHz	41%	0.8
5710MHz	44%	1.28
5730MHz	46%	1.7
5750MHz	46%	1.82
5770MHz	46%	2.21
5790MHz	44%	1.97
5810MHz	45%	2.06
5830MHz	47%	2.05
5850MHz	46%	1.65

2. Radiation Pattern/辐射方向图

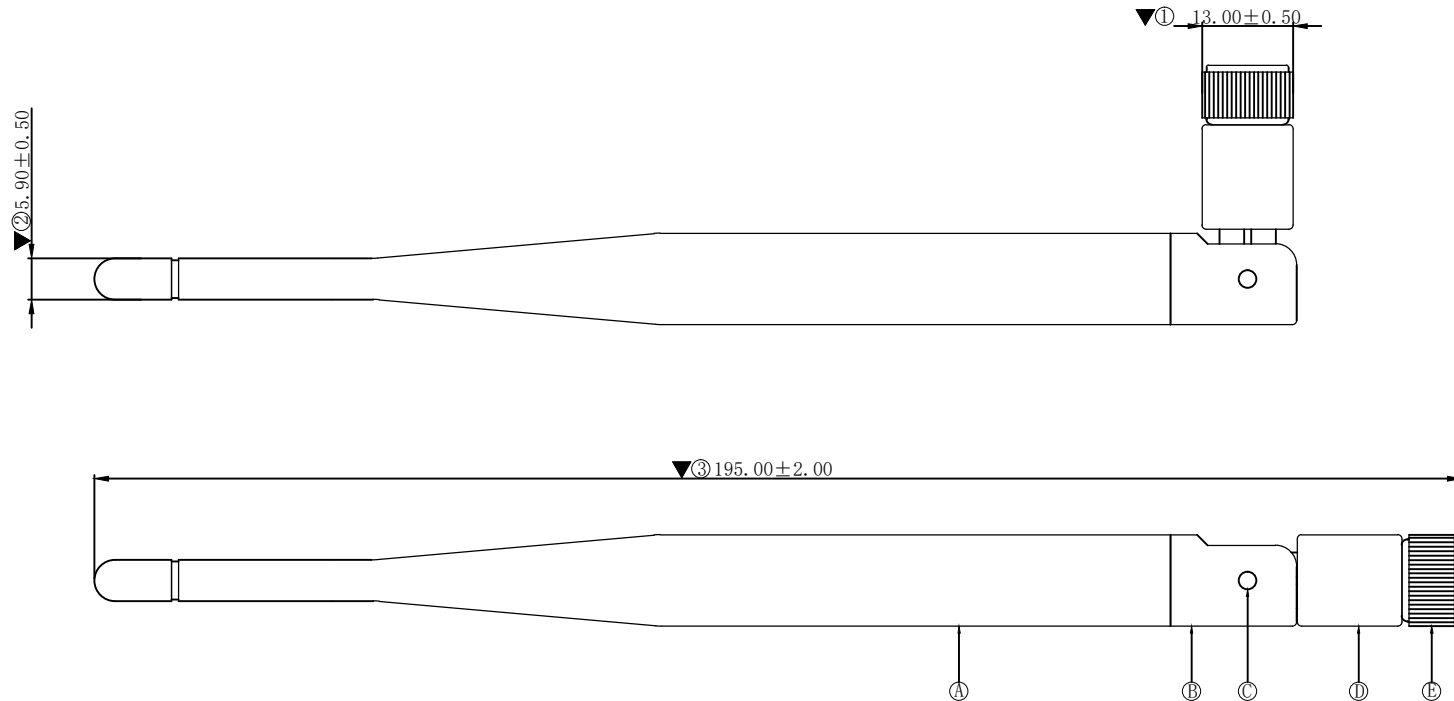
2450MHz 方向图



5350MHz 反向图



REV.	ECN NUMBER	DESCRIPTION	DATE
X1		FIRST RELEASE	05/27' 19



NOTES:

1. THE SURFACE OF THE PRODUCT IS NOT DIRTY, SCRATCHED, DEFORMED, DAMAGED, ETC. .
2. 100% VSWR TEST
3. FREQUENCY RANGE: 2400-2500MHz; 5150-5850MHz
VSWR: 2400-2500MHz ≤ 2.0
5150-5850MHz ≤ 2.0
4. ▼ CRITICAL DIMENSION
5. ALL MATERIALS ARE IN COMPLIANCE WITH ROHS COMPLIANT

E	CONNECTOR	1		RP-SMA-J, NICKEL PLATED BRASS
D	BASE 2	1		ABS, BLACK
C	RIVET	1		POM, BLACK
B	BASE 1	1		ABS, BLACK
A	SHELL	1		TPE, BLACK
ITEM	PART NAME	Q'TY	PART #	MATERIAL / FINISH



GENERAL TOLERANCE

. X ± 0.30 ± 1°

. XX ± 0.15

. XXX ± 0.15

SCALE: 1:1

UNIT: mm

SIZE: A4



DRAWN: Tom	DATE: 05/27' 19
CHECK:	DATE:
APPROVE:	DATE:
PROJECT NAME: 双频WIFI天线	
PART NO: 366W00026	
TITLE: 2.4/5.8G 3dBi胶杆天线 黑色 TO RP-SMA-J 镀镍 OD13*195mm 胶棒 (可弯折)	
REV. X1	SHEET: 1/1