

APPROVAL SHEET

Issued No. : SLANT180901

DESCRIPTION : Chip series antenna 2.4 GHz

Bandwidth 100MHz

NOMINAL FREQ. : 2.4GHz**TAITIEN P/N** : 1201-ANT-00061**TAITIEN MODEL** : DN02450M31102**REVISION** : 01**DATE** : 07/18/2019

Approved	Checked	Prepared

CUSTOMER :

Customer Signature
Approved:
Date:

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REVISION HISTORY

Rev.	Revised Page	Revision Content	Date	Ref. No.	Reviser
01	N/A	Initial Released	07/18/2019	N/A	IrwinChen

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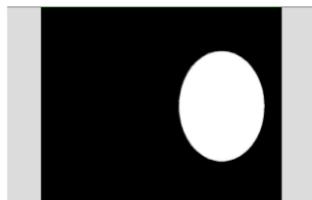
1. SCOPE : This specification applies to Chip series antenna

2. Rating:

Operating Temperature : $-25^{\circ}\text{C} \sim 125^{\circ}\text{C}$

Storage Temperature : $20^{\circ}\text{C} \sim 25^{\circ}\text{C}$ R.H. 65% (For Reference)

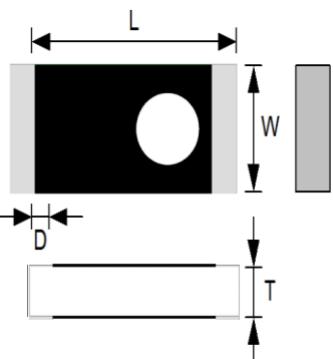
3. Marking:



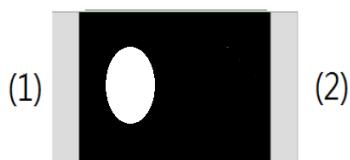
4. Standard Testing Condition:

	Unless otherwise specified	In case of doubt
Humidity	Ordinary Humidity(25 to 85% RH)	60 to 70 % RH
Temperature	Ordinary Temperature(15 to 35°C)	$20 \pm 2^{\circ}\text{C}$

5. Configuration and Dimensions:

Figure	Dimensions(mm)	
	L	3.2 ± 0.2
	W	1.6 ± 0.2
	D	0.5 ± 0.2
	T	0.5 ± 0.2

TERMINAL CONFIGURATION



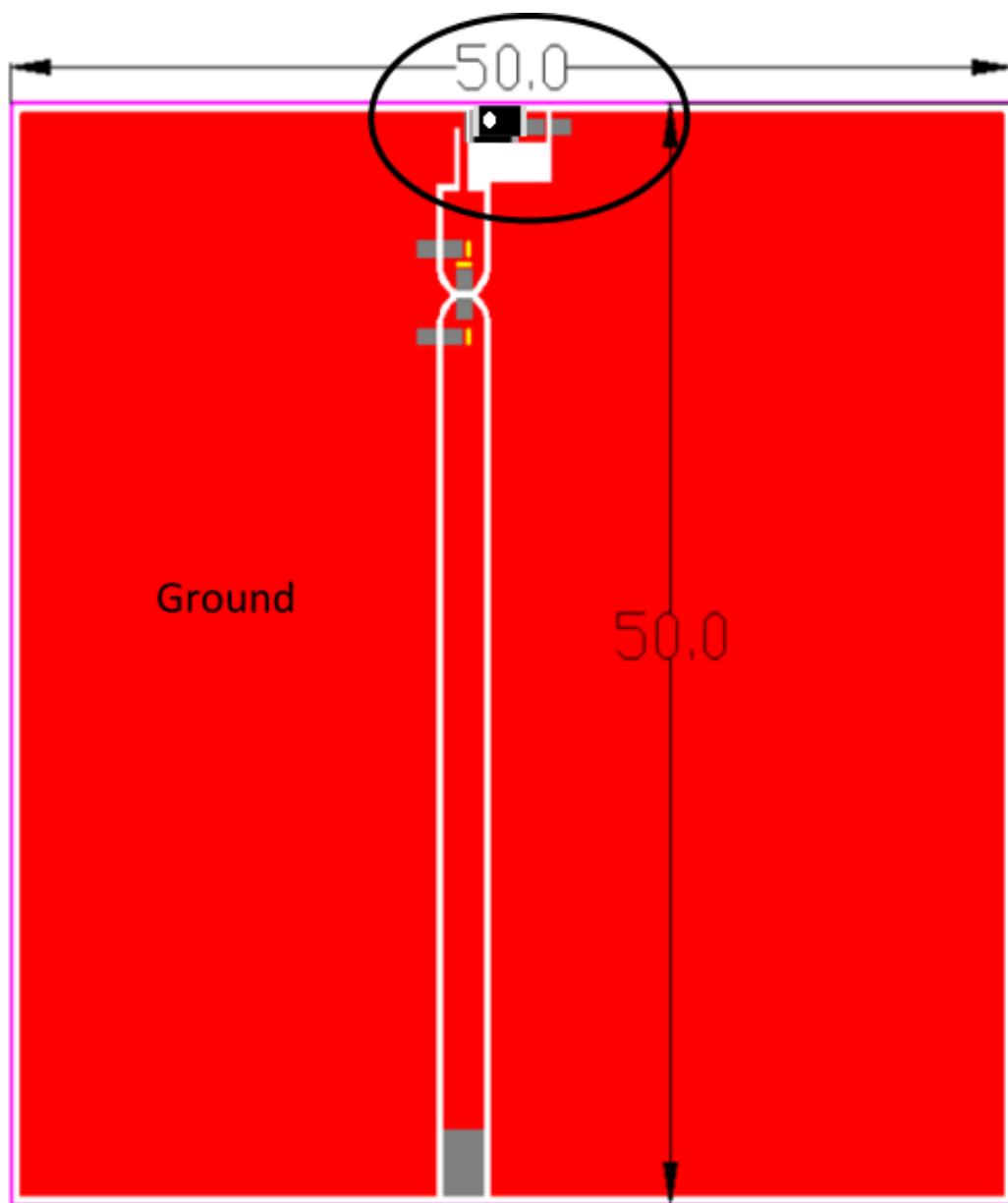
(1) Feed Termination
 (2) Solder Termination

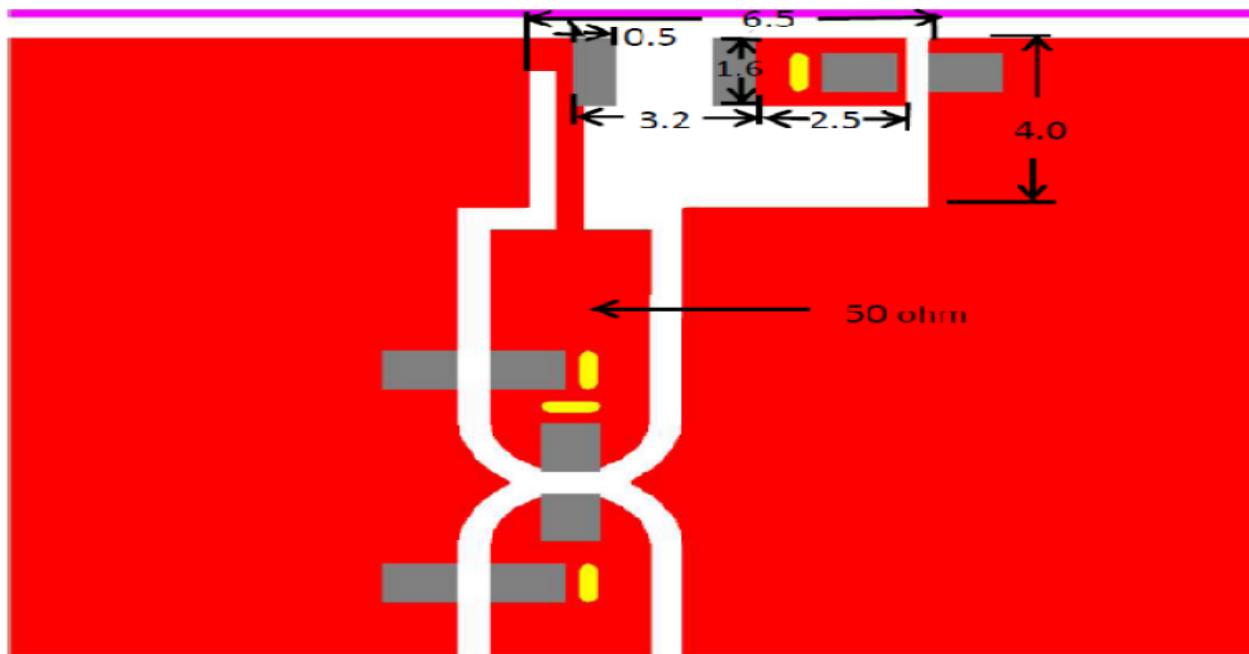
6. Electrical Characteristics:

Part No.	Impedance (Ω)	Test Freq. (GHz)	Bandwidth* (MHz)	Peak Gain* (dBi)	VSWR (max)	Polarization (Linear)
1201-ANT-00061	50	2.4	100	2.00	2	Linear

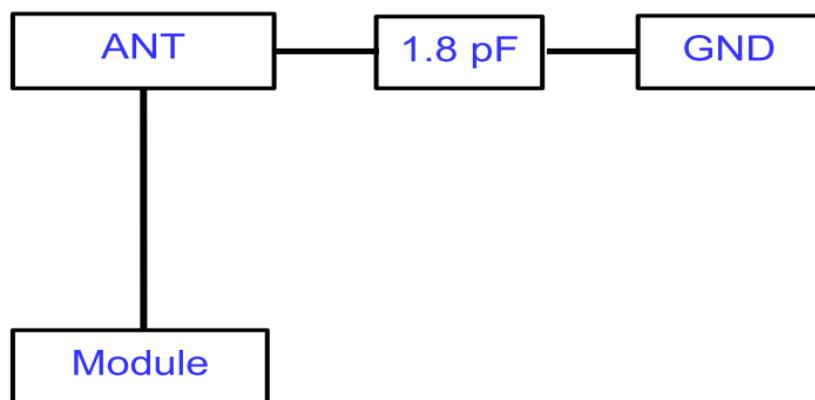
7. Dimensions and Recommended PC Board Pattern:

NOTE : Dimensions in mm

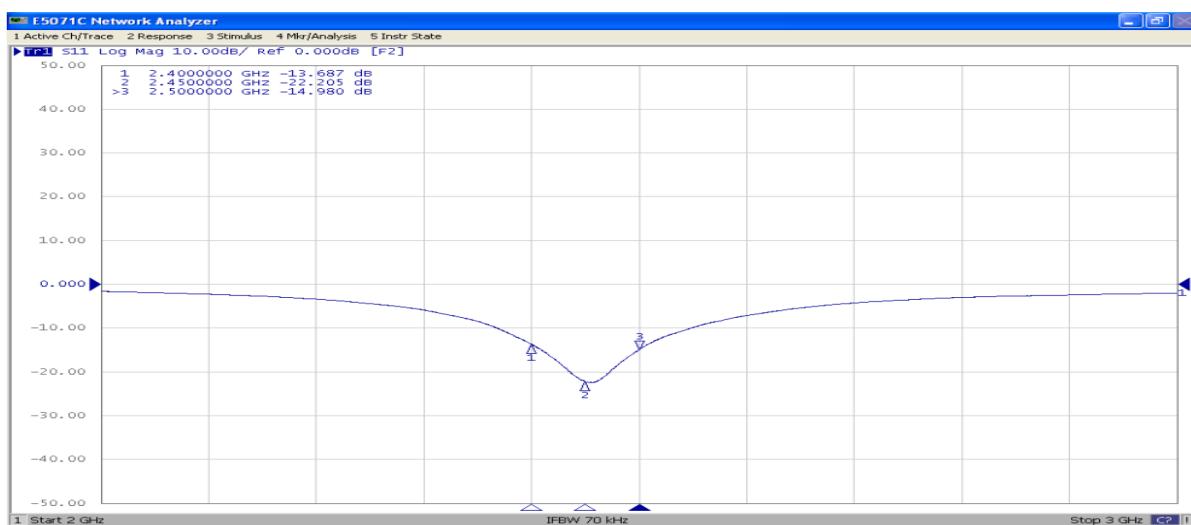




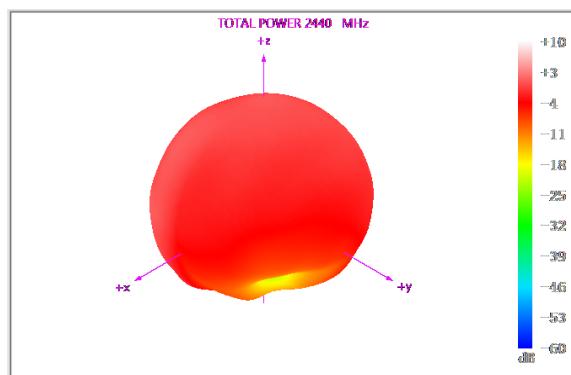
8. Matching Circuit:



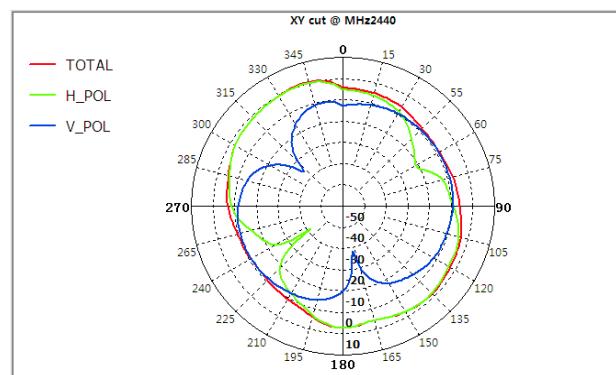
Return Loss



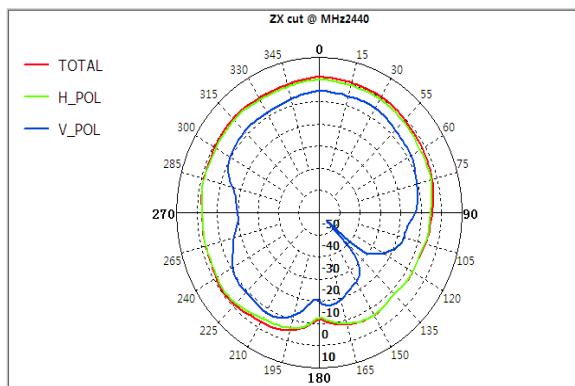
天线辐射方向图 Antenna radiation pattern



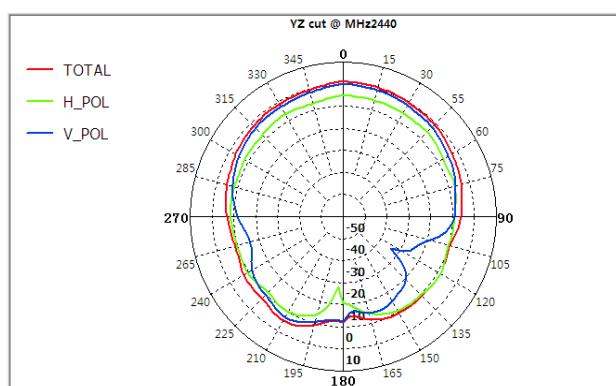
3D-plane@2.44GHz



2D-plane XOY @ 2.44GHz



2D-plane XOZ@2.44GHz



2D-plane YOZ @ 2.44GHz