

产品规格承认书

SPECIFICATIONS

产品名称:

DESCRIPTION: PCB antenna

产品型号:

OUR MODEL NO: PCB 3216

确认签字, 盖章后请返回承认书一份

PLEASE RETURN TO US ONE COPY OF “SPECIFICATION FOR APPROVAL”

WITH YOUR APPROVED SIGNATURES

Approved	LiuFei	Audit	LiuFei	Making	LiuXiaoMei
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Customer Acknowledges Signature	
Date	

PCB 3216 Specification

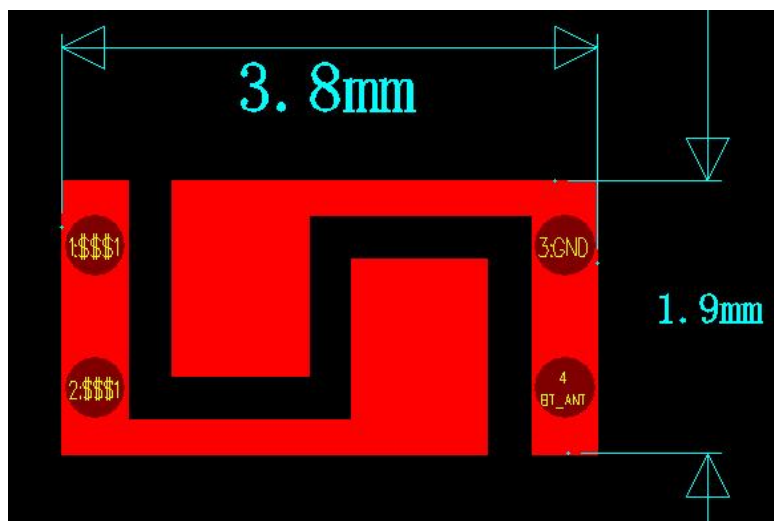
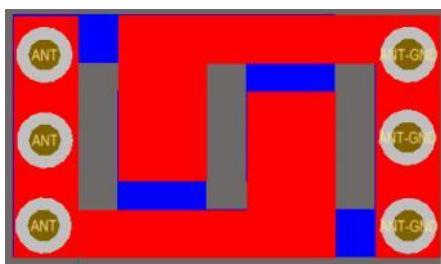
1. FEATURES:

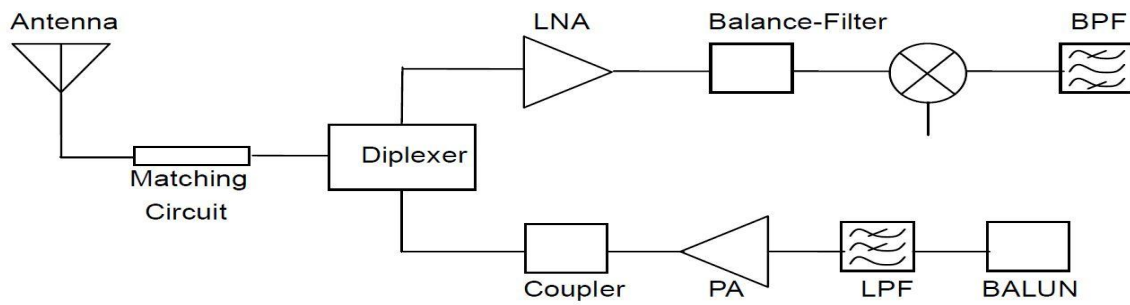
- Light weight, compact
- Wide bandwidth, low cost
- Built-in antenna with high gain

2. APPLICATIONS:

- Bluetooth, Wireless LAN, Mobile TV
- Home RF System, etc

3. SHAPE AND DIMENSIONS: (Unit: mm)

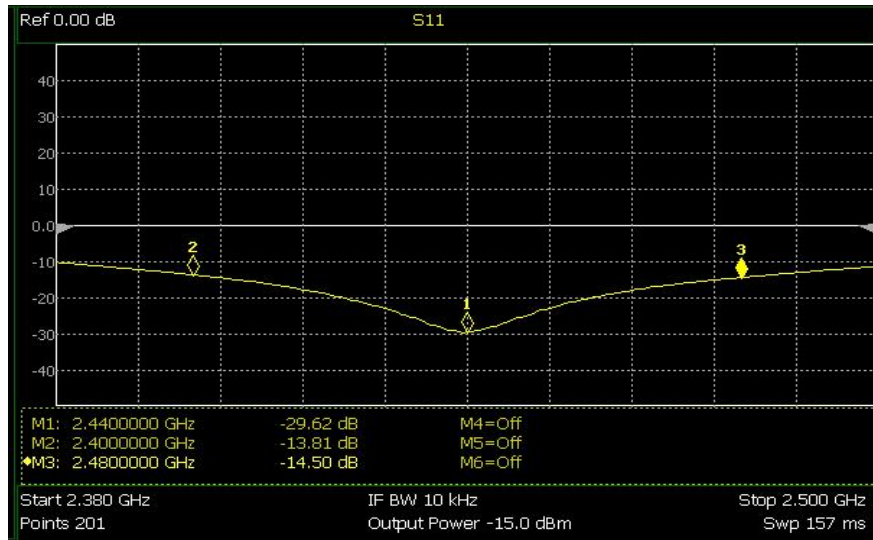


APPLICATION GUIDE**4. SPECIFICATIONS:**

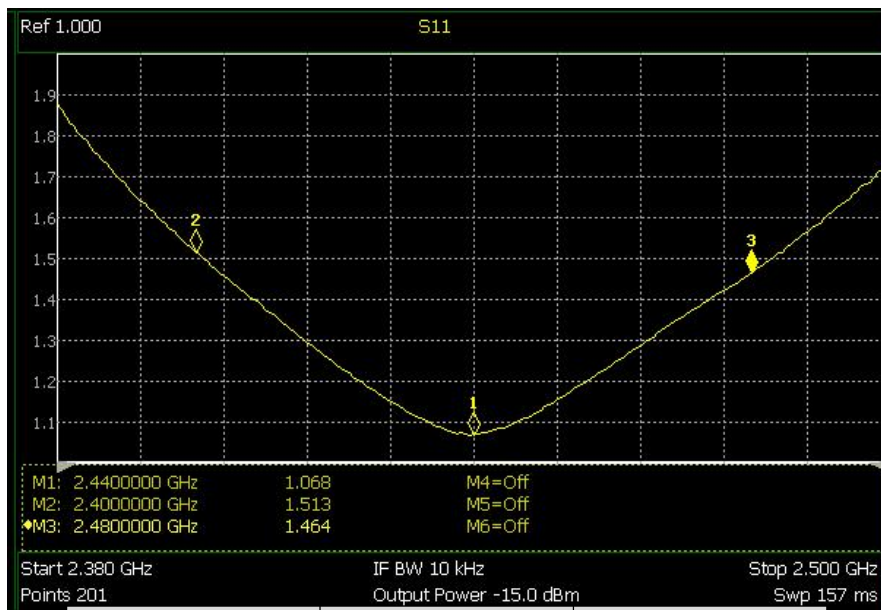
No.	Product number	PCB 3216	
1	Central Frequency	2440	MHz
2	Bandwidth	100 (Min.)	MHz
3	Return Loss	-10.96 (Max.)	dB
4	Peak Gain	-2.18	dBi
5	Impedance	/	Ω
6	Operating Temperature	-40~+85	°C
7	Maximum Power	5	W
8	Resistance to soldering heat	10 (@260°C)	Sec.
9	Polarization	Linear	
10	Azimuth Beam width	Omni-directional	
11	Termination	Sn (leadless)	

5. Electrical Characteristics :

Return loss



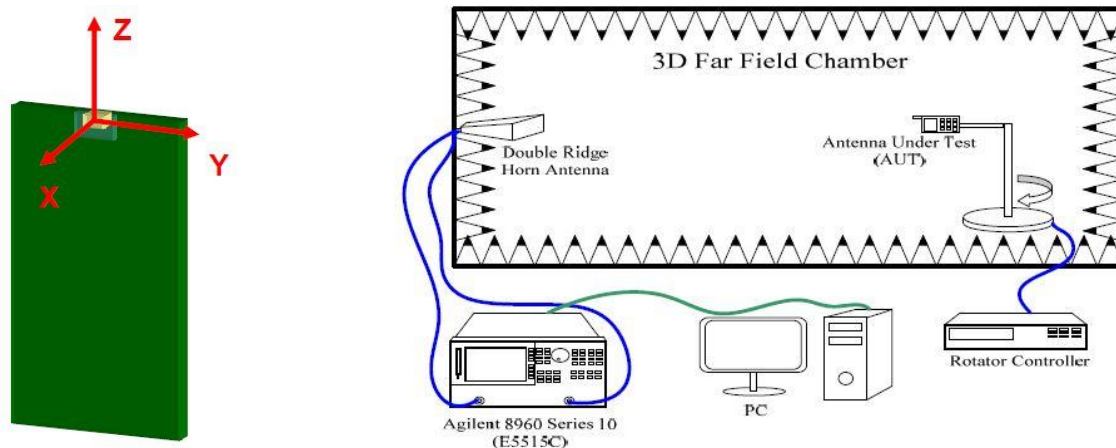
Standing wave ratio



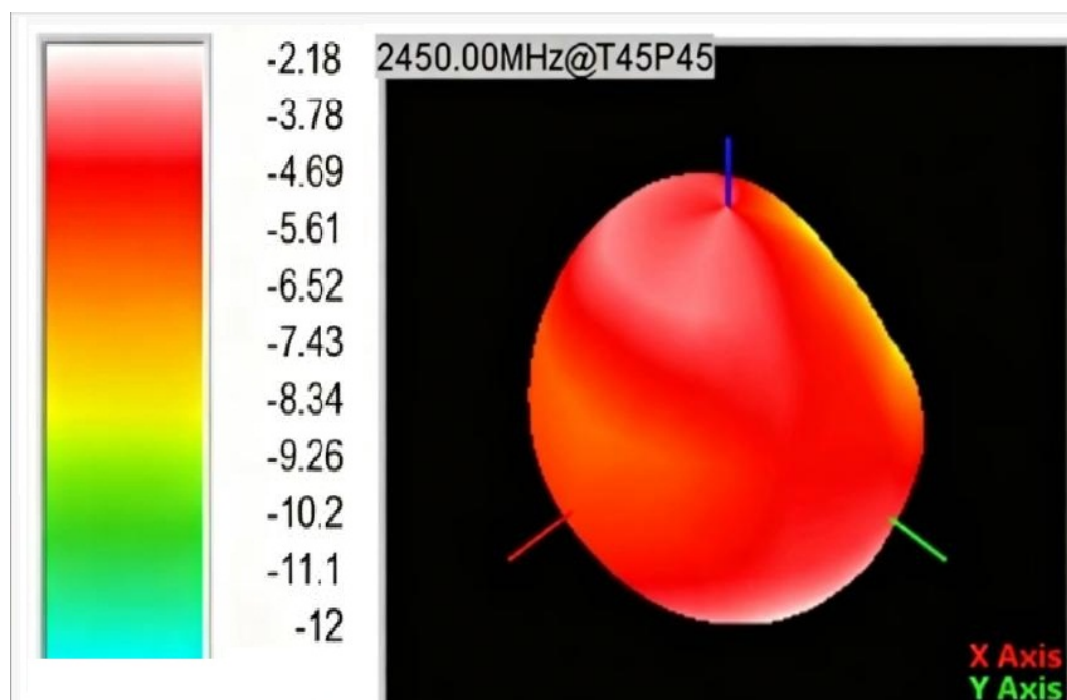
Mark	Frequency	VSWR
1	2400 MHz	1.513
2	2440 MHz	1.068
3	2480 MHz	1.464

Radiation Pattern

The Gain pattern is measured in FAR-field chamber. DUT is placed on the table of rotator,a standard horn antenna and Vector Network Analyzer is used to collect data.



© 3D Gain Pattern (2450 MHz)



EfficiencyTable

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	-2. 28	-2. 29	-2. 34	-2. 45	-2. 56	-2. 18	-2. 19	-3. 03	-3. 96	-2. 86	-2. 81