

# 产品规格承认书

## SPECIFICATIONS

客户:

CUSTOMER: \_\_\_\_\_

产品名称:

DESCRIPTION: \_\_\_\_\_ PCB Antenna \_\_\_\_\_

客户型号:

CUSTOMER PART No: \_\_\_\_\_

产品型号:

OUR MODEL NO: \_\_\_\_\_ **PCB 3216** \_\_\_\_\_

日期:

DATE: \_\_\_\_\_

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"

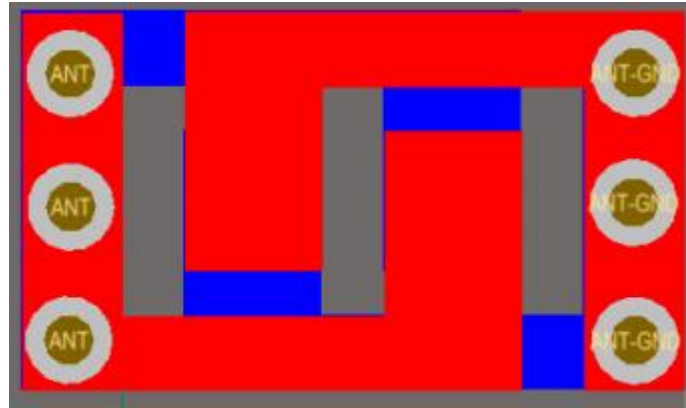
WITH YOUR APPROVED SIGNATURES

|          |        |       |        |        |            |
|----------|--------|-------|--------|--------|------------|
| Approved | LiuFei | Audit | LiuFei | Making | LiuXiaoMei |
|----------|--------|-------|--------|--------|------------|

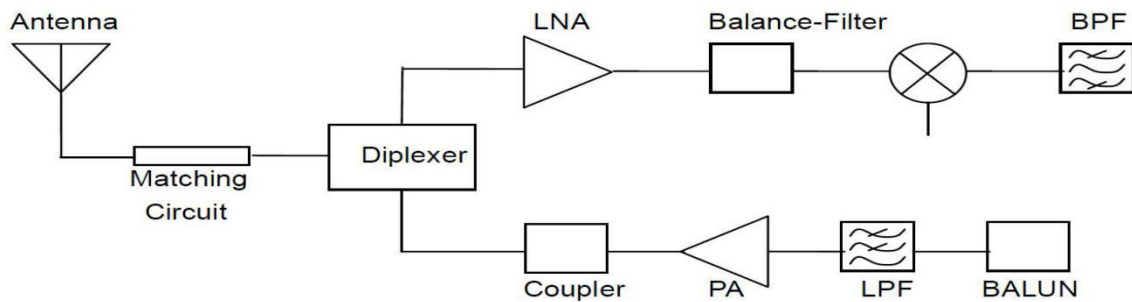
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|---------------------------------|--|
| Customer Acknowledges Signature |  |
| Date                            |  |

|                                                                                                      |                 |                                                                                                                                                                                                       |           |
|------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| UNLESS OTHER SPECIFIED TOLERANCES ON:<br>$X=\pm$ $X.X=\pm$ $X.XX=\pm$<br>$ANGLES=\pm$ $HOLE DIA=\pm$ |                 |  PengBanXingYeShenZhen Technology Co. , Ltd                                                                        |           |
| SCALE: N/A                                                                                           | UNIT: mm        | THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF PBXY TECHNOLOGY Limited AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT PERMISSION |           |
| DRAWN BY : Sera                                                                                      | CHECKED BY: XD  |                                                                                                                                                                                                       |           |
| DESIGNED BY: Sera                                                                                    | APPROVED BY: XD |                                                                                                                                                                                                       |           |
| TITLE: CHIP2450-3216 Specification                                                                   |                 | DOCUMENT NO.                                                                                                                                                                                          | SPEC REV. |
|                                                                                                      |                 | 3216                                                                                                                                                                                                  | P1        |

## PCB 3216 Specification



## APPLICATION GUIDE



UNLESS OTHER SPECIFIED TOLERANCES ON:

X=±      X.X=±      X.XX=

ANGLES = ±      HOLEDIA = ±

SCALE: N/A

UNIT: mm

DRAWN BY : Sera

CHECKED BY: XD

DESIGNED BY: Sera

APPROVED BY: XD



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TITLE: CHIP2450-3216 Specification

DOCUMENT  
NO.

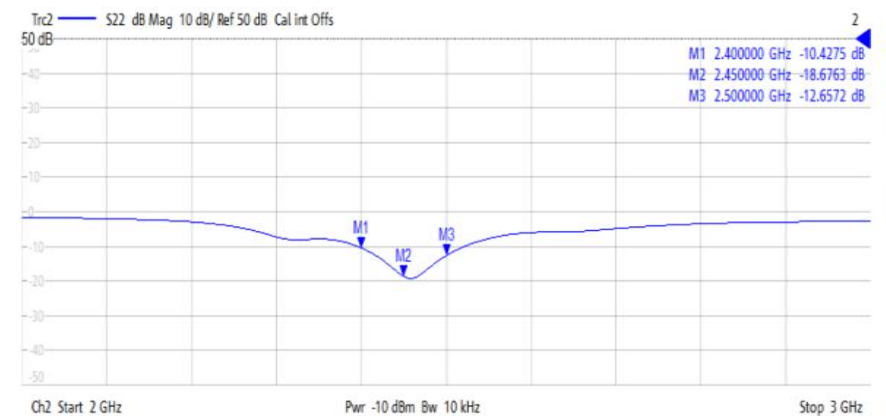
3216

SPEC REV.

P1

**1. 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                    | /                             | $\Omega$           |
| 6   | Operating Temperature        | -40~+85                       | $^{\circ}\text{C}$ |
| 7   | Maximum Power                | 5                             | W                  |
| 8   | Resistance to soldering heat | 10 (@260 $^{\circ}\text{C}$ ) | Sec.               |
| 9   | Polarization                 | Linear                        |                    |
| 10  | Azimuth Beam width           | Omni-directional              |                    |
| 11  | Termination                  | Sn (leadless)                 |                    |

**2. Return LOSS :**

UNLESS OTHER SPECIFIED TOLERANCES ON:

X=±

X.X=±

X.XX=

ANGLES = ±

HOLE DIA = ±



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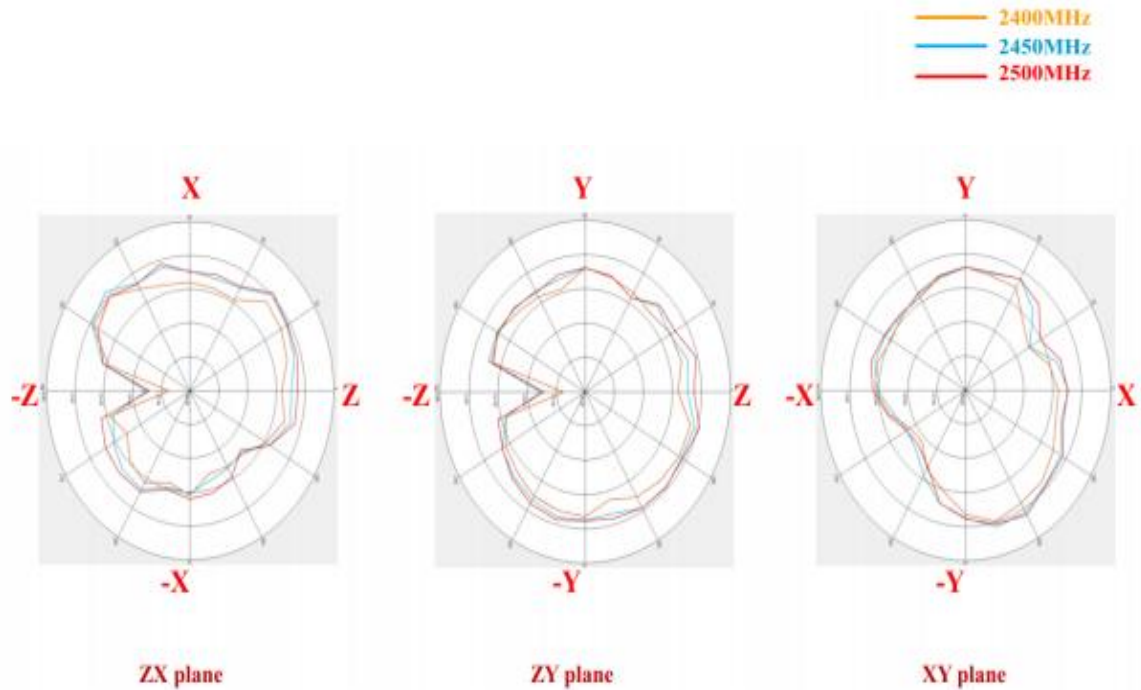
DOCUMENT NO.

3216

SPEC REV.

P1

### 3.2D Radiation Patterns



|                 | XZ-Plane        |                 | YZ-Plane        |                 | XY-Plane        |                 |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Frequency [MHz] | Max. Value (dB) | Ave. Value (dB) | Max. Value (dB) | Ave. Value (dB) | Max. Value (dB) | Ave. Value (dB) |
| 2400 MHz        | -3.3            | -9.21           | -5.95           | -9.87           | -3.11           | -9.52           |
| 2450 MHz        | -1.79           | -6.72           | -5.68           | -8.42           | -1.77           | -8.19           |
| 2500 MHz        | -2.17           | -6.63           | -3.32           | -8.02           | -1.2            | -7.83           |

UNLESS OTHER SPECIFIED TOLERANCES ON:

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ANGLES = ±      HOLEDIA = ±

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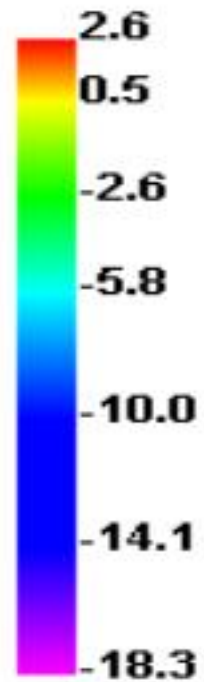
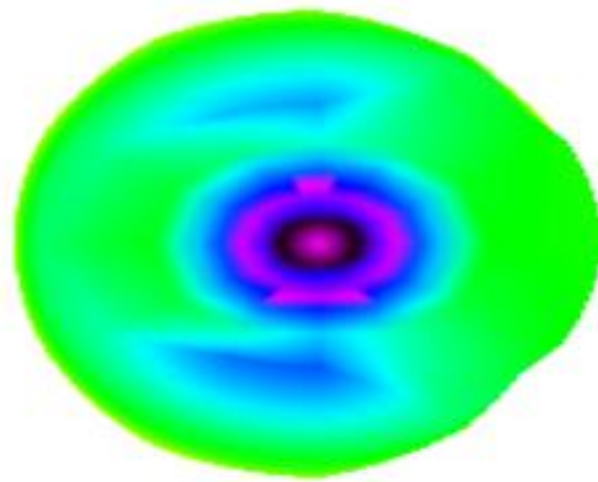
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3216

SPEC REV.

P1

### 3D Radiation Pattern

**2450.000MHz**

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$X=\pm$        $X.X=\pm$        $X.XX=$   
 $ANGLES = \pm$        $HOLEDIA = \pm$

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