

# 規格承認書

## Approval Sheet

客戶名稱

Customer Name: 建漢

產品名稱

Product Name: E A P A N T

產品型號

Model Name: E A P

泓博料號

Hong Bo P/N: 290-50265

客戶料號

Customer P/N: 2370-00265001R

版別 日期  
Version: X11 Date : 2023.8.21

| 客戶承認簽印<br>CUSTOMER APPROVED BY | 供應商承認簽印<br>VENDER APPROVED BY |
|--------------------------------|-------------------------------|
|                                |                               |
| Checked By:                    | Checked By:                   |
| Approval By:                   | Approval By:                  |

工廠/Factory:

1.越南,北宁省,桂武县,扶梁社,桂武三工业区CN17A-2地块

Lot No. CN17A-2 Que Vo 3 Industrial Park - Phu Luong Commune - Que Vo District - Bac Ninh Province-VietNam.

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## 1. 规格表

### 1. Electrical Properties

|     |                      |                                                                                        |
|-----|----------------------|----------------------------------------------------------------------------------------|
| 1.1 | Frequency Range----- | 2400MHz ~2500MHz<br>5150MHz ~5900MHz                                                   |
| 1.2 | Impedance-----       | 50 $\Omega$                                                                            |
| 1.3 | Admitted Power-----  | 1W                                                                                     |
| 1.4 | Return Loss-----     | -10dB or Less                                                                          |
| 1.5 | Peak Gain-----       | ANT1-3.9dBi@2G<br>----- ANT1-4.5dBi@5G<br>----- ANT2-3.9dBi@2G<br>----- ANT2-4.7dBi@5G |
| 1.6 | Cable-----           | Ø1.37 Normal                                                                           |

### 2. Physical Properties

|     |                     |             |
|-----|---------------------|-------------|
| 3.1 | Antenna Body-----   | 鉄件          |
| 3.2 | Operating Temp----- | -10°C~+60°C |
| 3.3 | Storage Temp-----   | -10°C~+70°C |

# Antenna Efficiency & Peak Gain

## Ant1\_25G

| Frequency (MHz) | Efficiency (%) | Peak Gain (dBi) |
|-----------------|----------------|-----------------|
| 2400            | 64             | 3.3             |
| 2410            | 65             | 3.3             |
| 2420            | 66             | 3.2             |
| 2430            | 66             | 3.3             |
| 2440            | 67             | 3.4             |
| 2450            | 68             | 3.5             |
| 2460            | 67             | 3.8             |
| 2470            | 65             | 3.9             |
| 2480            | 64             | 3.9             |
| 2490            | 63             | 3.8             |
| 2500            | 63             | 3.8             |

| Frequency (MHz) | Efficiency (%) | Peak Gain (dBi) |
|-----------------|----------------|-----------------|
| 5150            | 64             | 4.5             |
| 5200            | 62             | 4.5             |
| 5300            | 63             | 4.5             |
| 5400            | 66             | 4.4             |
| 5500            | 64             | 4.4             |
| 5600            | 66             | 4.1             |
| 5700            | 67             | 4.4             |
| 5800            | 65             | 4.4             |
| 5850            | 62             | 4.3             |
| 5900            | 61             | 4.0             |



# Antenna Efficiency & Peak Gain

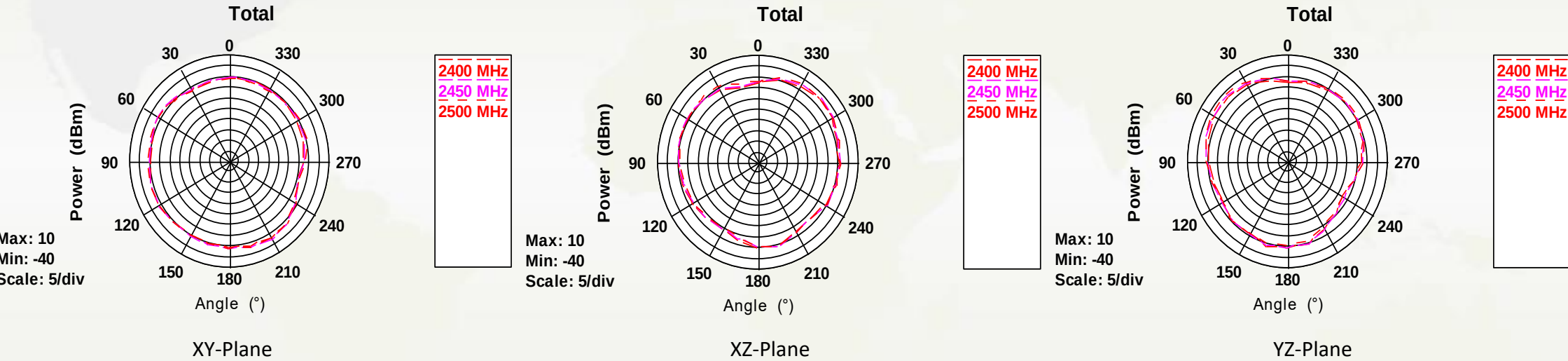
## Ant2\_25G

| Frequency (MHz) | Efficiency (%) | Peak Gain (dBi) |
|-----------------|----------------|-----------------|
| 2400            | 65             | 3.7             |
| 2410            | 66             | 3.7             |
| 2420            | 65             | 3.7             |
| 2430            | 66             | 3.7             |
| 2440            | 67             | 3.8             |
| 2450            | 68             | 3.8             |
| 2460            | 68             | 3.9             |
| 2470            | 66             | 3.8             |
| 2480            | 64             | 3.7             |
| 2490            | 64             | 3.6             |
| 2500            | 64             | 3.6             |

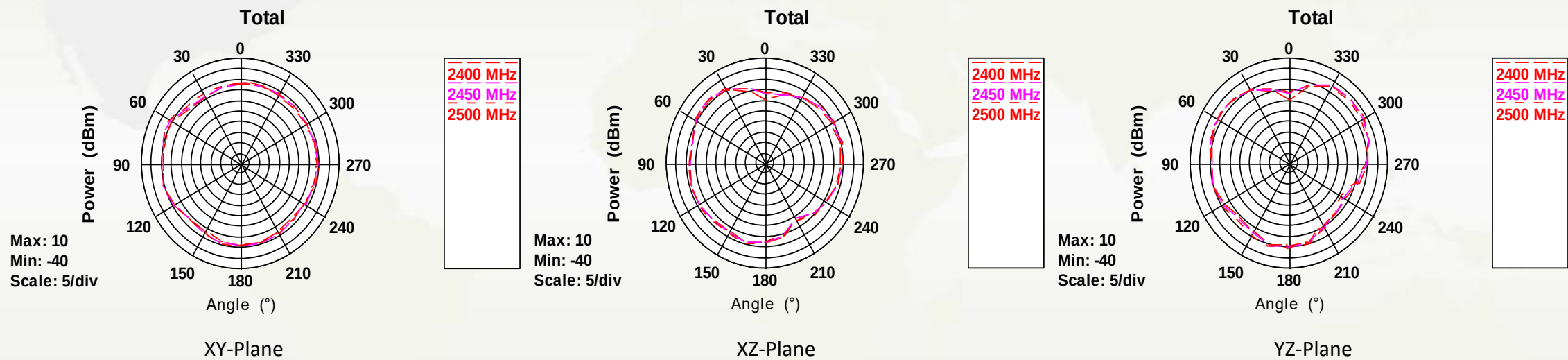
| Frequency (MHz) | Efficiency (%) | Peak Gain (dBi) |
|-----------------|----------------|-----------------|
| 5150            | 65             | 4.5             |
| 5200            | 64             | 4.7             |
| 5300            | 66             | 4.6             |
| 5400            | 68             | 4.7             |
| 5500            | 69             | 4.4             |
| 5600            | 68             | 4.0             |
| 5700            | 66             | 4.1             |
| 5800            | 63             | 4.5             |
| 5850            | 61             | 4.5             |
| 5900            | 61             | 4.5             |



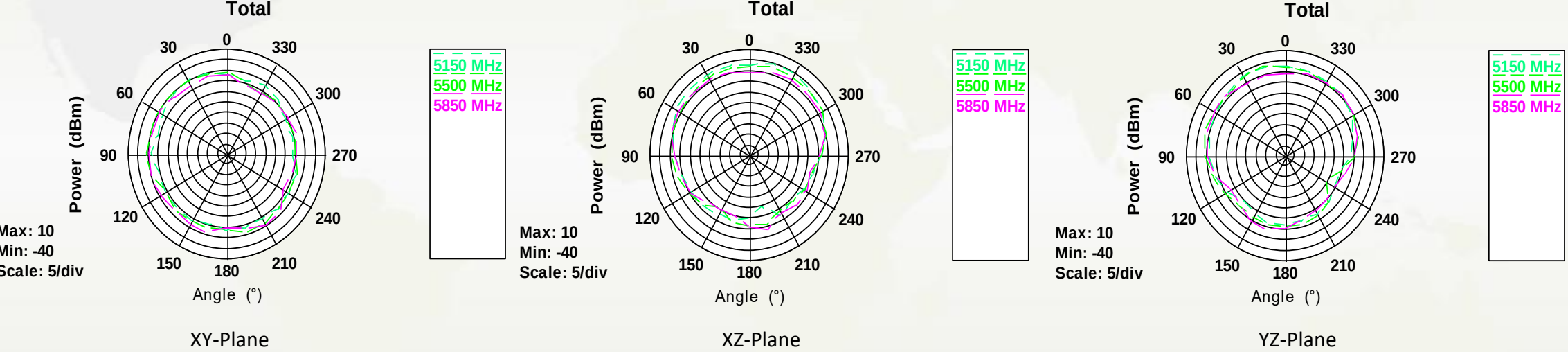
# Realized Gain Radiation Patterns of Ant1\_25G Antenna in 2G Band: Total Polarization



# Realized Gain Radiation Patterns of Ant2\_25G Antenna in 2G Band: Total Polarization



# Realized Gain Radiation Patterns of Ant1\_25G Antenna in 5G Band: Total Polarization



# Realized Gain Radiation Patterns of Ant2\_25G Antenna in 5G Band: Total Polarization

