

## Antenna Datasheet

BT-R: ANT2

BT-L: ANT1

### 1、Basic Information

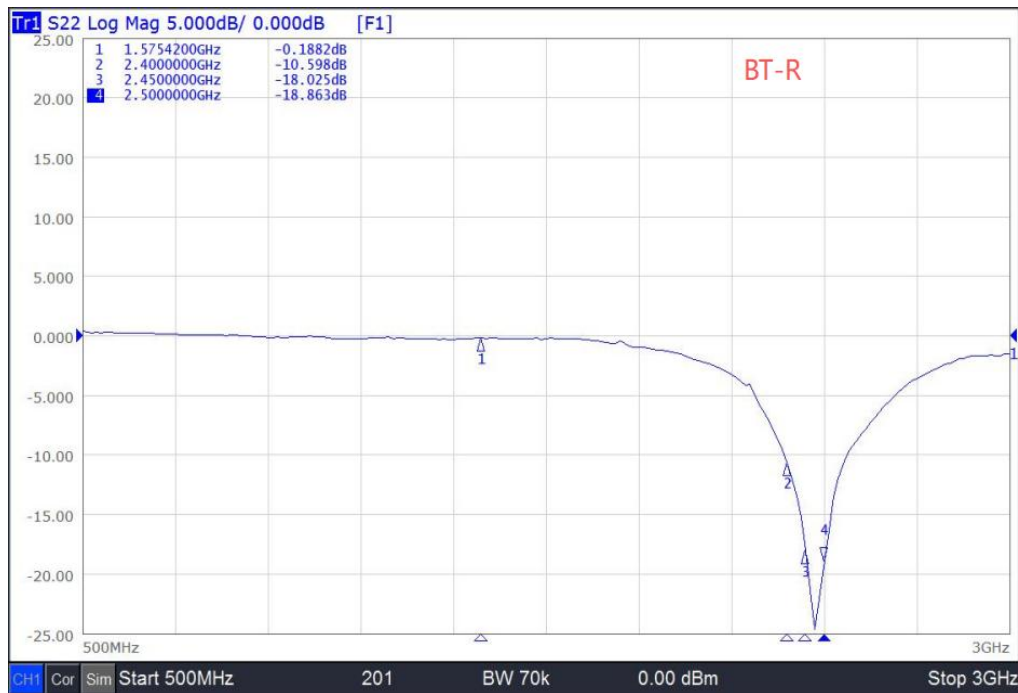
- Antenn Name:EB400 BT Antenna
- Brand: /
- Operation:2.4GHZ~2.6GHZ
- Frequency:2.4GHZ~2.6GHZ
- Connector Type:/
- Impedance:50ohm
- Gain:
- Efficiency:BT-R>30%  
BT-L>25%
- VSWR:
- Polarization type:Linear
- 3dB Beam width:Omnidirectional horizon
- Antenna type:Chip Ceramic

## 2、Antenna Return Loss/VSWR

### 2.1 Antenna return loss

Antenna:





### 3、Antenna Gain

BT-L Antenna:

BT L

| Frequency (MHz) | Efficiency (db) | Gain (dbi) |
|-----------------|-----------------|------------|
| 2400            | -5.12           | -1.42      |
| 2410            | -4.68           | -1.79      |
| 2420            | -4.62           | -1.55      |
| 2430            | -4.76           | -1.31      |
| 2440            | -4.82           | -1.27      |
| 2450            | -4.67           | -1.4       |
| 2460            | -4.46           | -1.62      |
| 2470            | -4.46           | -1.67      |
| 2480            | -4.58           | -1.26      |
| 2490            | -4.84           | -0.99      |
| 2500            | -5.14           | -0.88      |
| 2510            | -5.3            | -0.91      |
| 2520            | -5.27           | -1.11      |
| 2530            | -5.32           | -1.22      |
| 2540            | -5.35           | -1.23      |
| 2550            | -5.51           | -1.13      |
| 2560            | -5.57           | -0.9       |
| 2570            | -5.72           | -0.72      |

|      |       |       |       |
|------|-------|-------|-------|
| 2580 | -5.72 | -0.87 | 26.81 |
| 2590 | -5.59 | -1.21 | 27.62 |
| 2600 | -5.37 | -1.78 | 29.01 |

## BT-R Antenna:

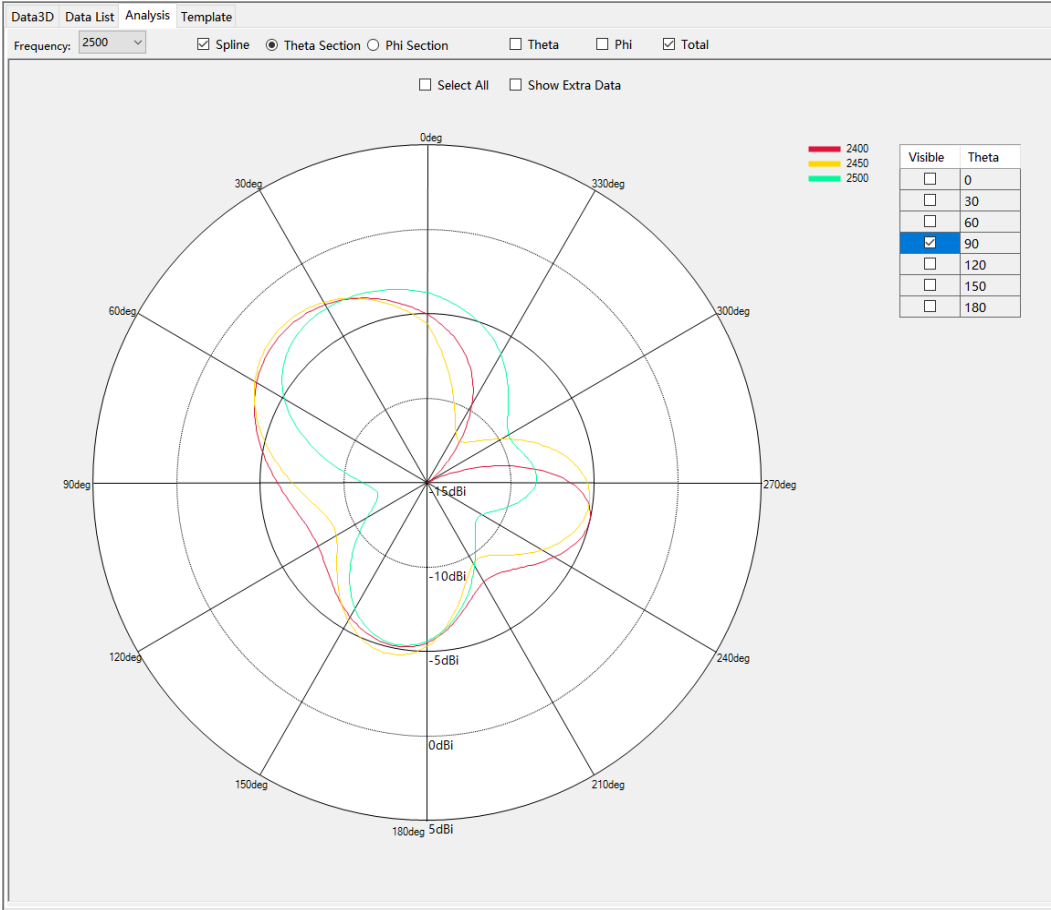
BT R

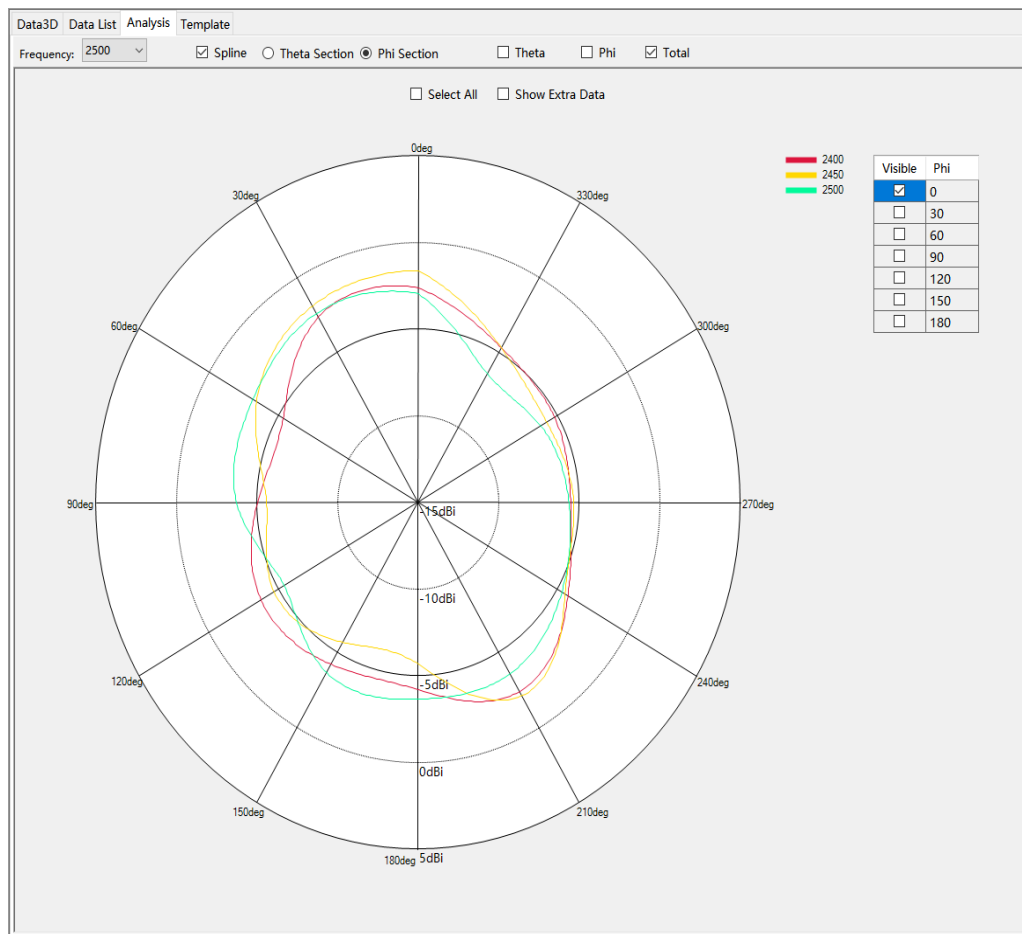
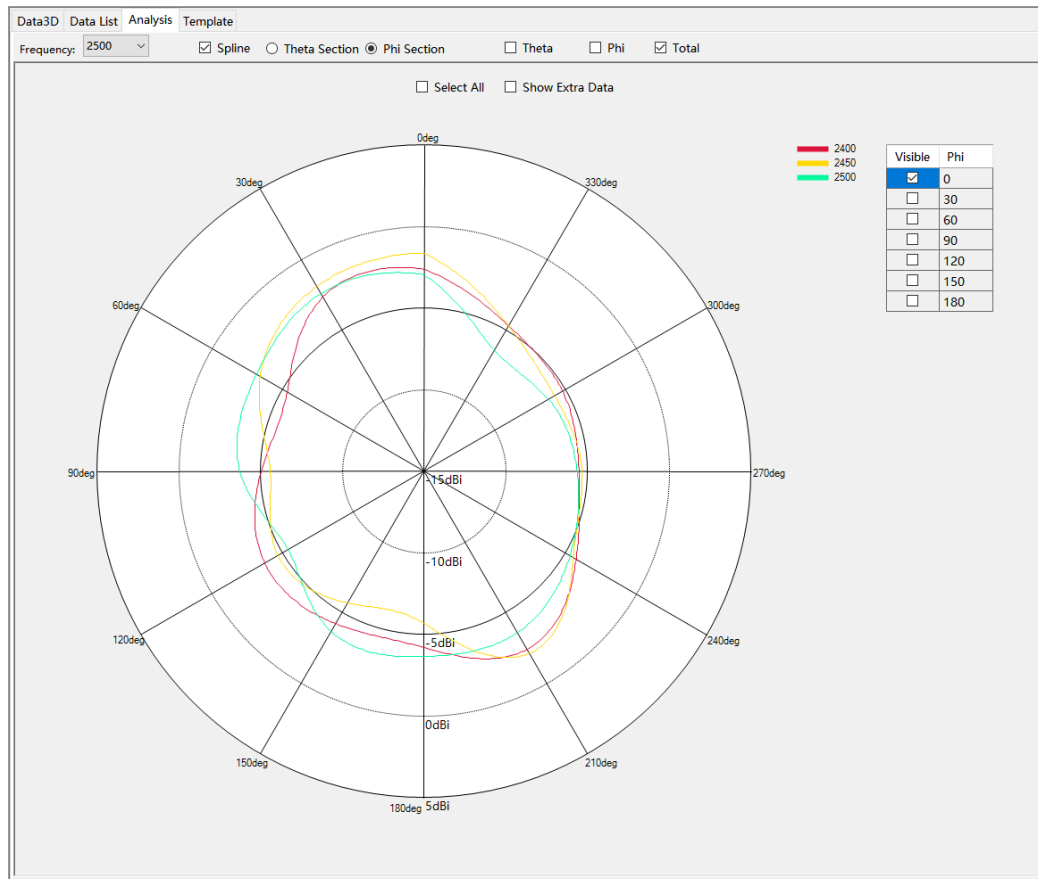
| Frequency (MHz) | Efficiency (db) | Gain (dbi) |
|-----------------|-----------------|------------|
| 2400            | -3.95           | 0.1        |
| 2410            | -3.75           | -0.03      |
| 2420            | -3.81           | 0.09       |
| 2430            | -4.05           | 0.22       |
| 2440            | -4.17           | 0.17       |
| 2450            | -4.1            | 0.11       |
| 2460            | -3.97           | 0.01       |
| 2470            | -3.94           | -0.12      |
| 2480            | -3.96           | -0.33      |
| 2490            | -4.06           | -0.35      |
| 2500            | -4.24           | -0.31      |
| 2510            | -4.35           | -0.12      |
| 2520            | -4.28           | -0.24      |
| 2530            | -4.28           | -0.41      |
| 2540            | -4.3            | -0.6       |
| 2550            | -4.47           | -0.66      |
| 2560            | -4.63           | -0.39      |
| 2570            | -4.86           | -0.14      |
| 2580            | -4.99           | -0.13      |
| 2590            | -4.93           | -0.52      |
| 2600            | -4.79           | -1.07      |

## 4、Radiation Pattern

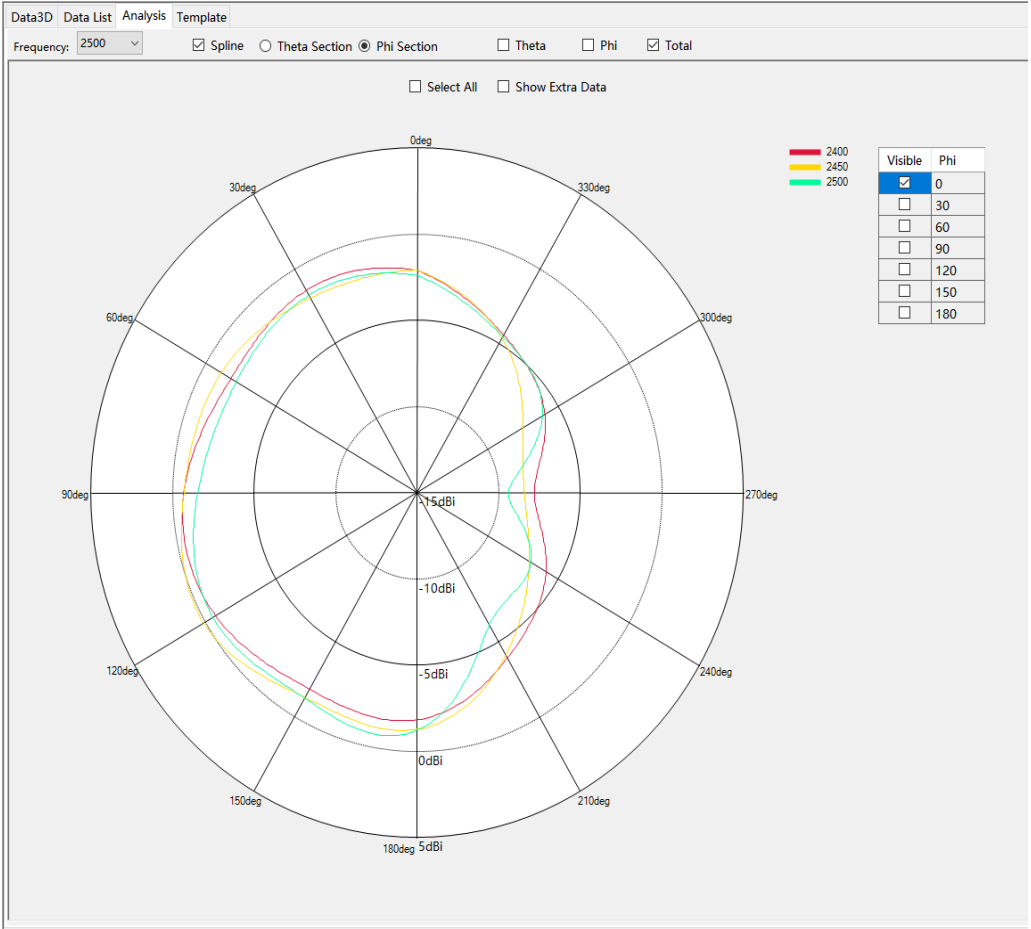
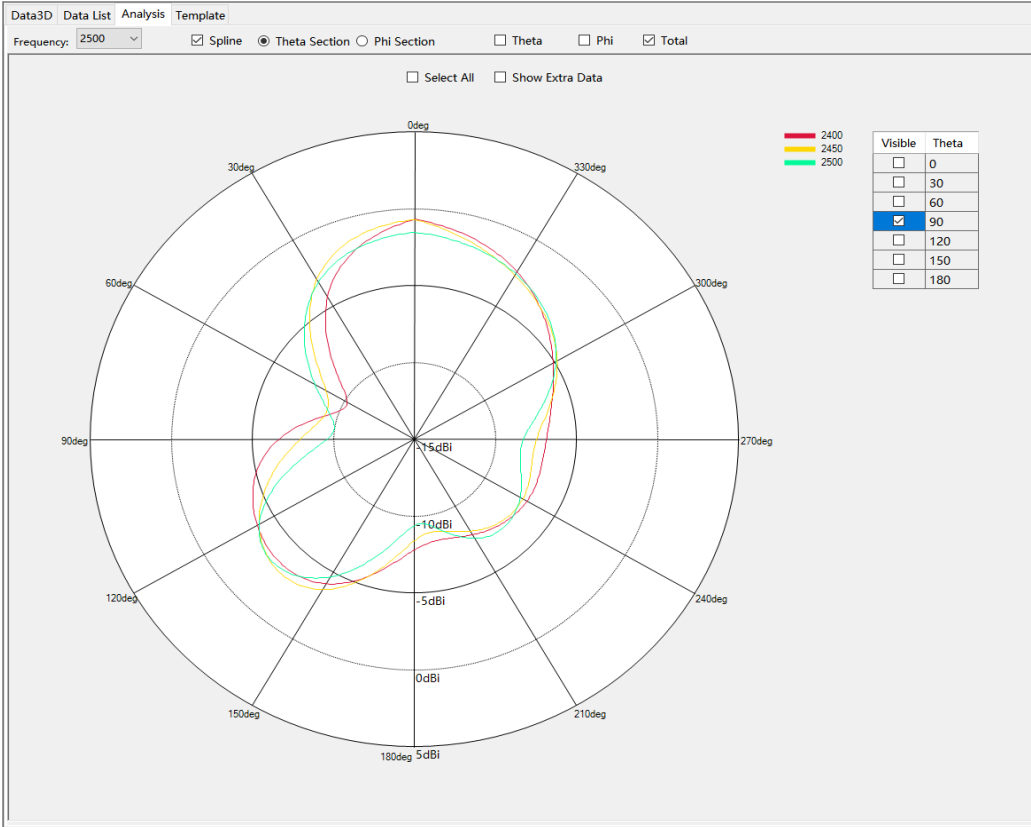
### 4.1 Antenna radiation pattern

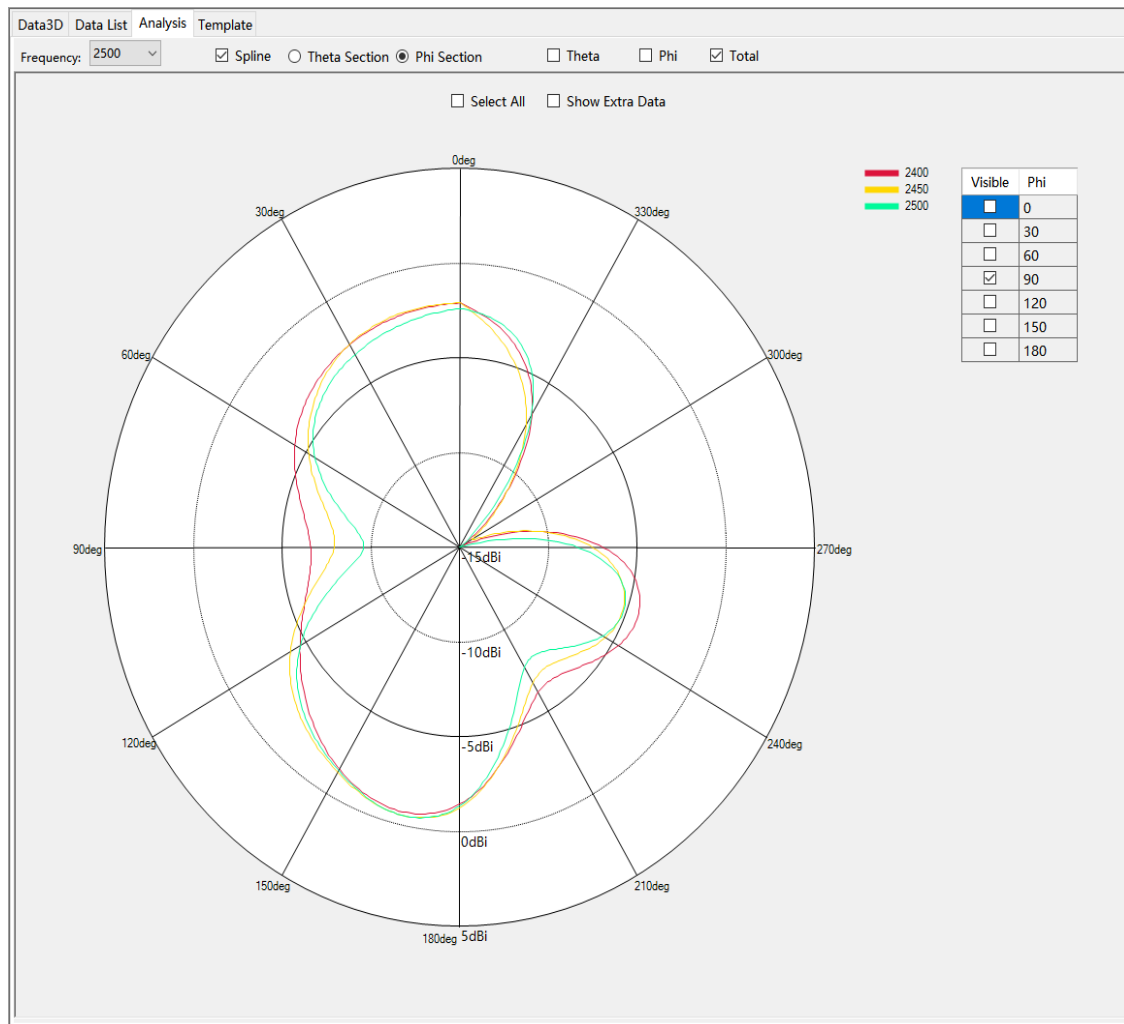
## BT-L Antenna:





BT-R Antenna:





## 5、Manufacturer

Manufacturer: Kunsnan wnnngwaye Communication  
Technology  
co. Ltd

Address: Building H, jintudi Intelligent Manufacturing  
Park, No.

55 Shengchuang Road, Yushan Town, Kunshan City, Jiangsu  
Province