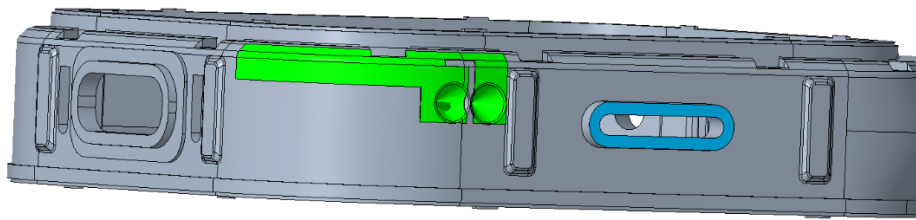


# BVC2-BT ANT

PN:SZ25075IB88-2

## Features

- BT 2400-2500MHz.
- Impedance 50 Ohm, 1.9dBi



## 1. Electrical Specifications

| Standards                     | BT ANT           |
|-------------------------------|------------------|
| Frequency range (MHz)         | 2400-2500MHz     |
| Peak Gain (dBi)               | 1.9dBi           |
| Average Gain (dB)             | -3.5dB           |
| VSWR                          | $\leq 1.8$       |
| Efficiency (%)                | 42%              |
| Polarization mode             | Linear           |
| Radiation pattern             | Omni-Directional |
| Output impedance ( $\Omega$ ) | 50               |
| Max. Input Power(W)           | 25               |

## 2. Mechanical and Environmental Specification

|                            |                   |
|----------------------------|-------------------|
| Mounting Type              | /                 |
| Connector Type             | /                 |
| Antenna size(mm)           | 15mm*6mm          |
| Material                   | LDS               |
| Operating Temperature (°C) | - 40 °C ~ + 85 °C |
| Storage Temperature(°C)    | - 40 °C ~ + 85 °C |

### 3. Antenna parameters

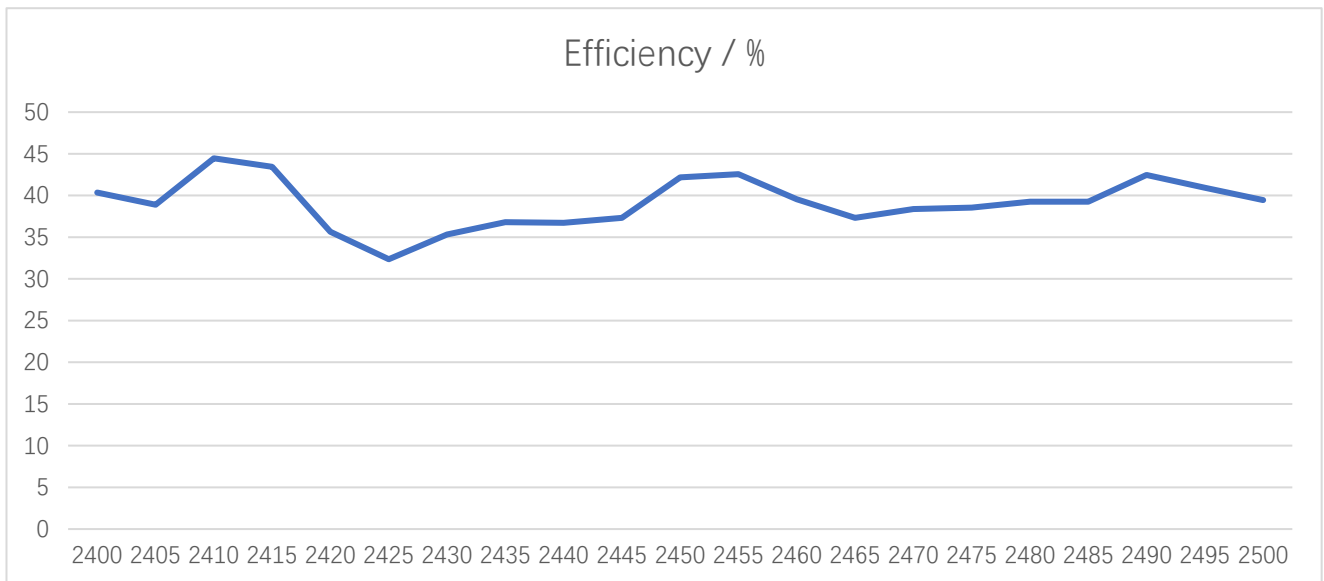
#### 3.1 General Specification

| FRE (MHz)       | 2400-2500MHz |
|-----------------|--------------|
| VSWR            | $\leq 1.8$   |
| Eff (%)         | 42%          |
| PEAK Gain (dBi) | 1.9          |

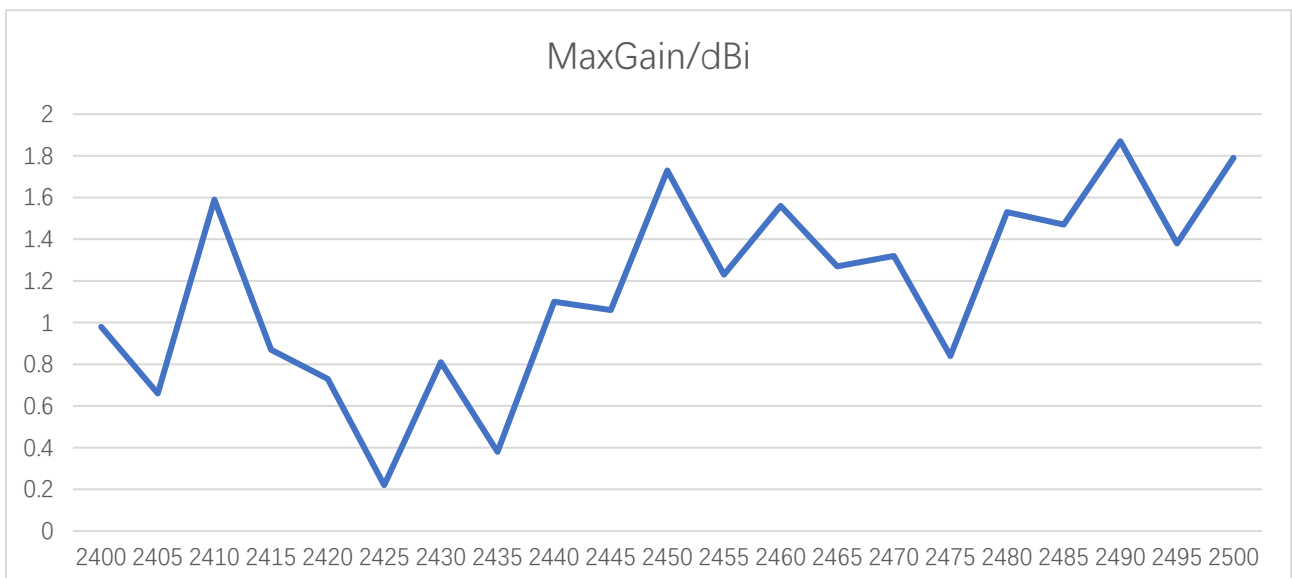
#### 3.2 VSWR



### 3.3 Efficiency

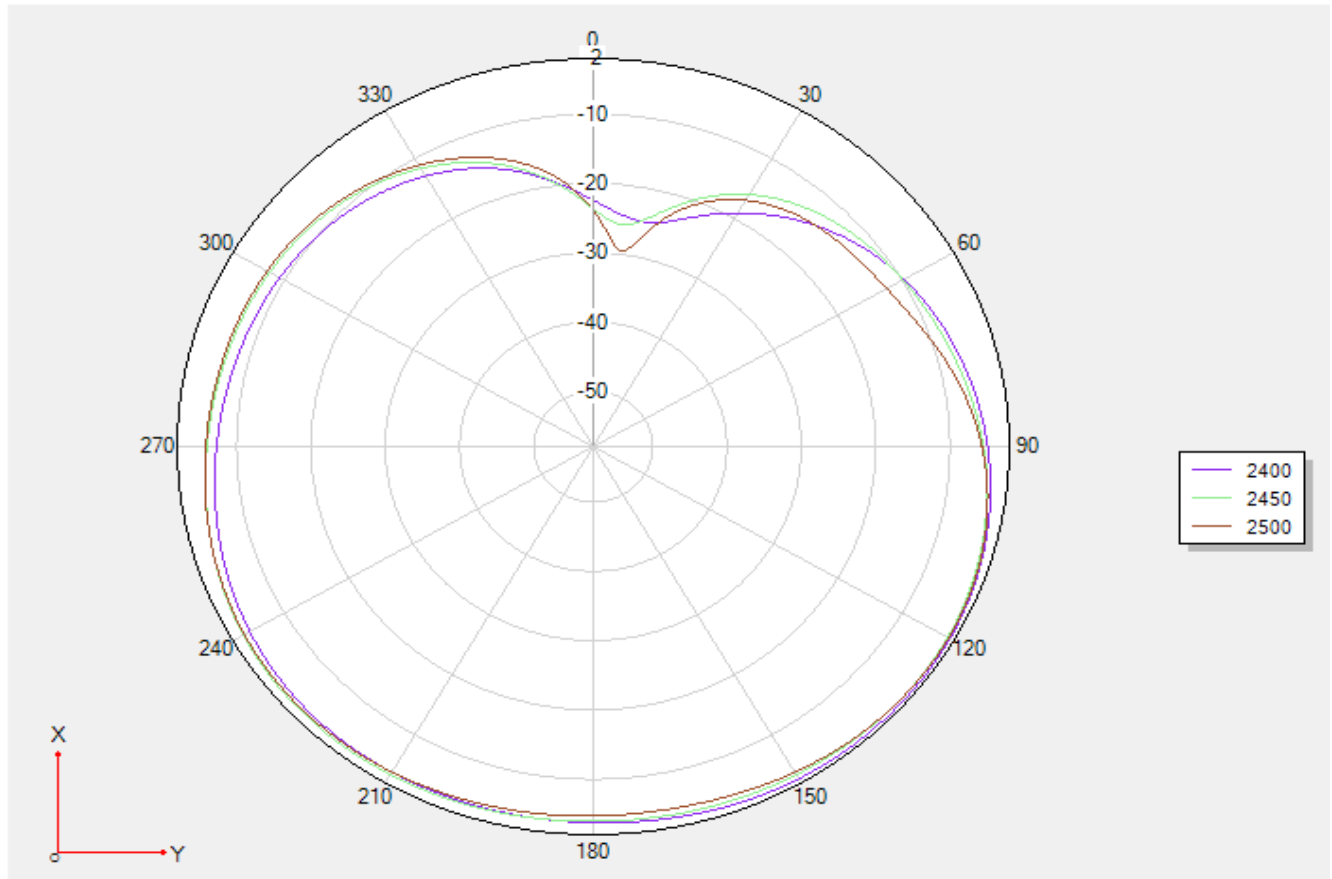


### 3.4 Gain

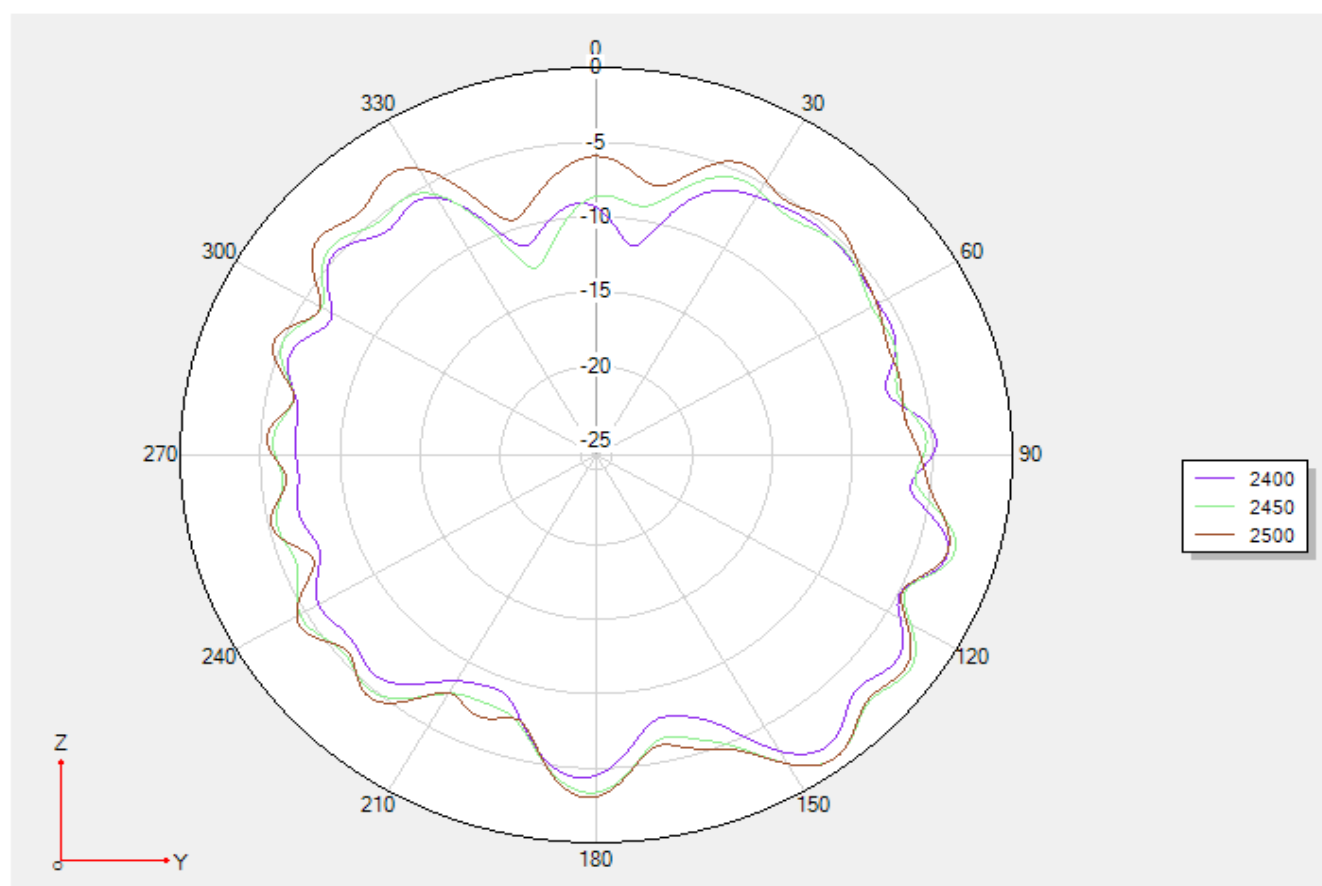


### 3.5 Directional pattern

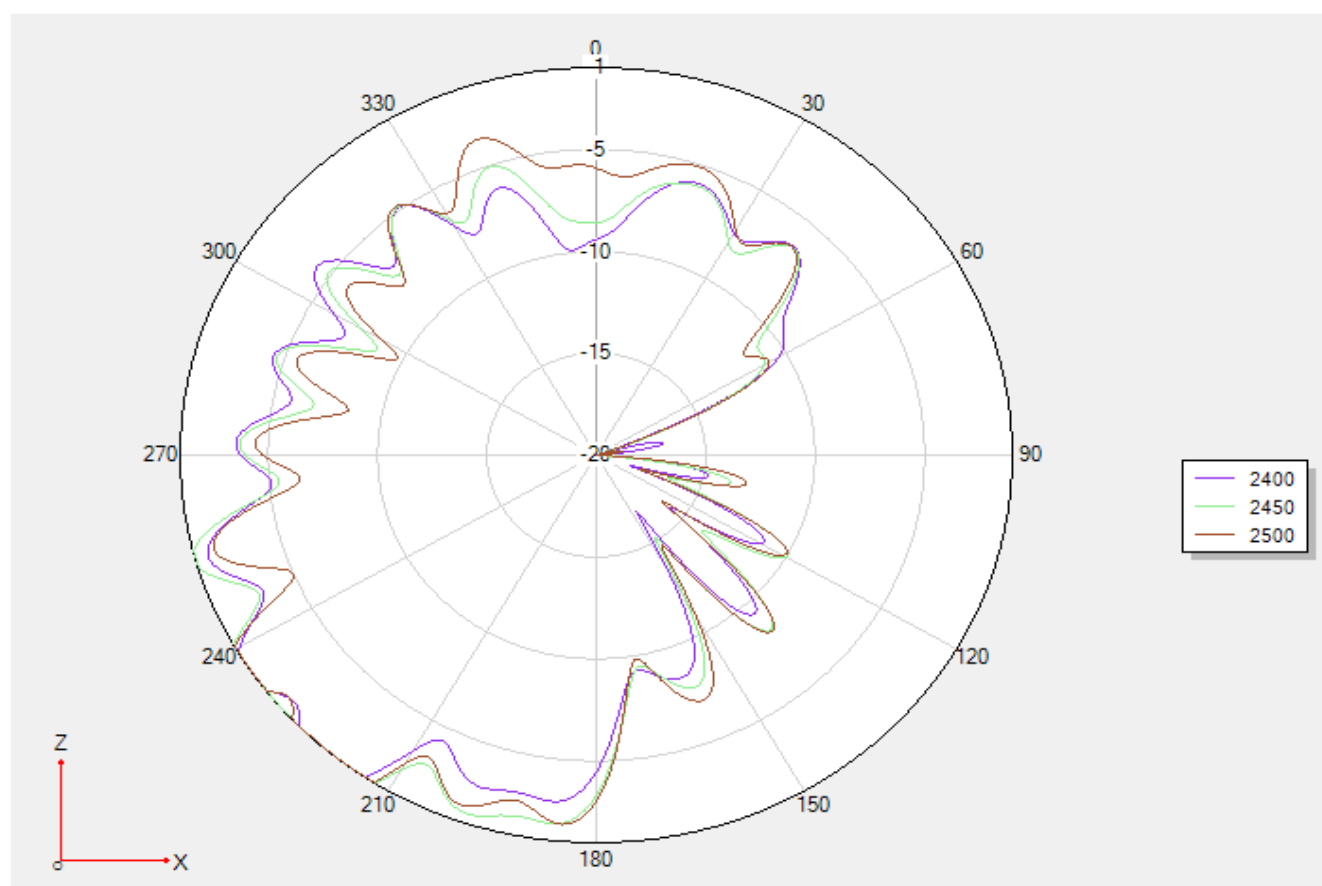
Theta 90°



Phi 90°



Phi  $0^\circ$



4. Antenna Drawing

