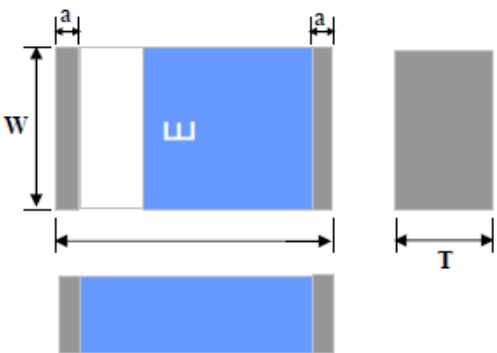


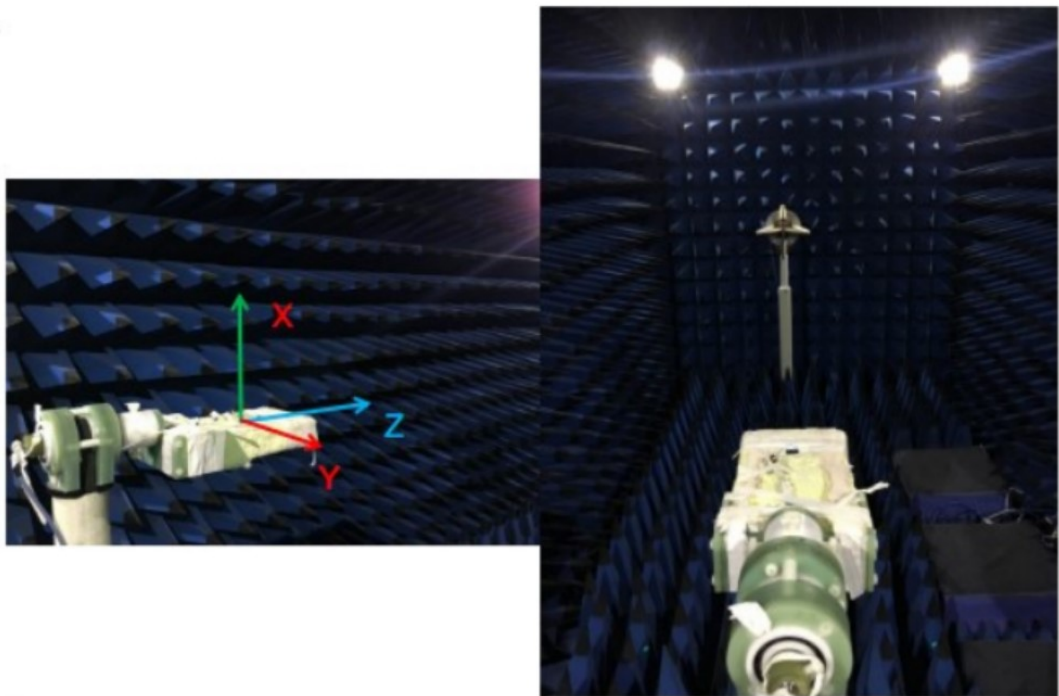
| Specification |                             |                                                                 |
|---------------|-----------------------------|-----------------------------------------------------------------|
| Description   | Operation Frequency :       | 2402 ~ 2480MHz                                                  |
|               | Output power:               | 3mW                                                             |
|               | Radio Channels Description: | 40 channels                                                     |
|               | Antenna Gain:               | 0.44 dBi;                                                       |
|               | Antenna Type:               | Chip                                                            |
|               | Antenna Brand:              | N/A                                                             |
|               | Antenna Model No.:          | N/A                                                             |
|               | Antenna Connect Type:       | wiring                                                          |
|               | Polarization:               | Linear, Vertical                                                |
|               | Antenna Manufacturer:       | Walsin Technology Corporation                                   |
|               | Manufacturer Address:       | 10th Floor, No. 480, Ruiguang Road, Neihu District, Taipei City |
| Power Supply: |                             | DC 3.7 V from battery                                           |

Antenna Size(Dimension) or Photo:

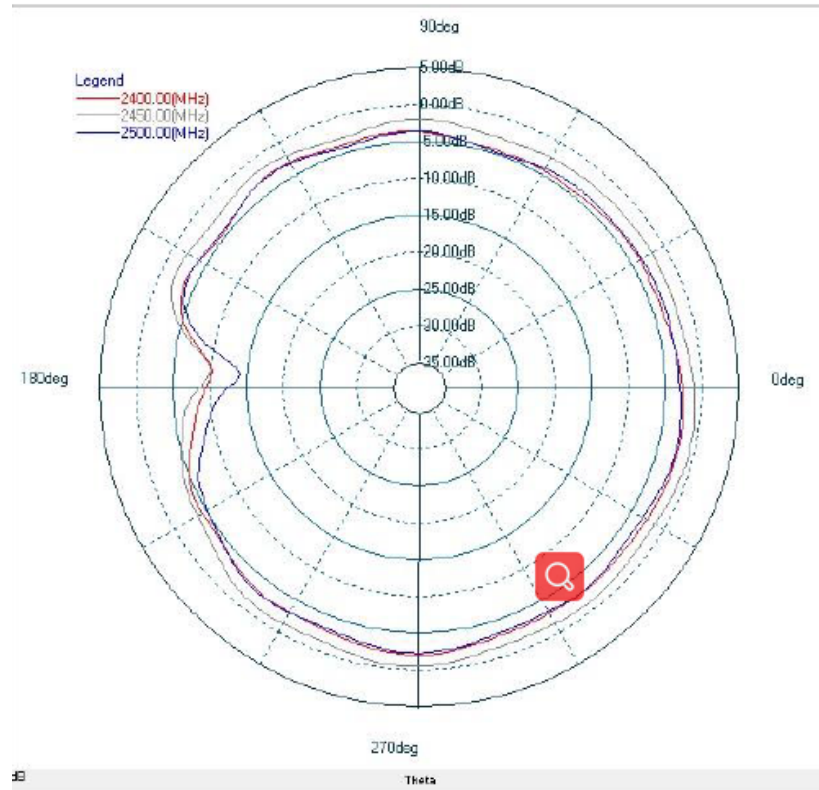
#### DIMENSIONS

| Figure                                                                             | Symbol | Dimension (mm)  |
|------------------------------------------------------------------------------------|--------|-----------------|
|  | L      | $3.20 \pm 0.20$ |
|                                                                                    | W      | $1.60 \pm 0.10$ |
|                                                                                    | T      | $1.20 \pm 0.10$ |
|                                                                                    | a      | $0.25 \pm 0.15$ |

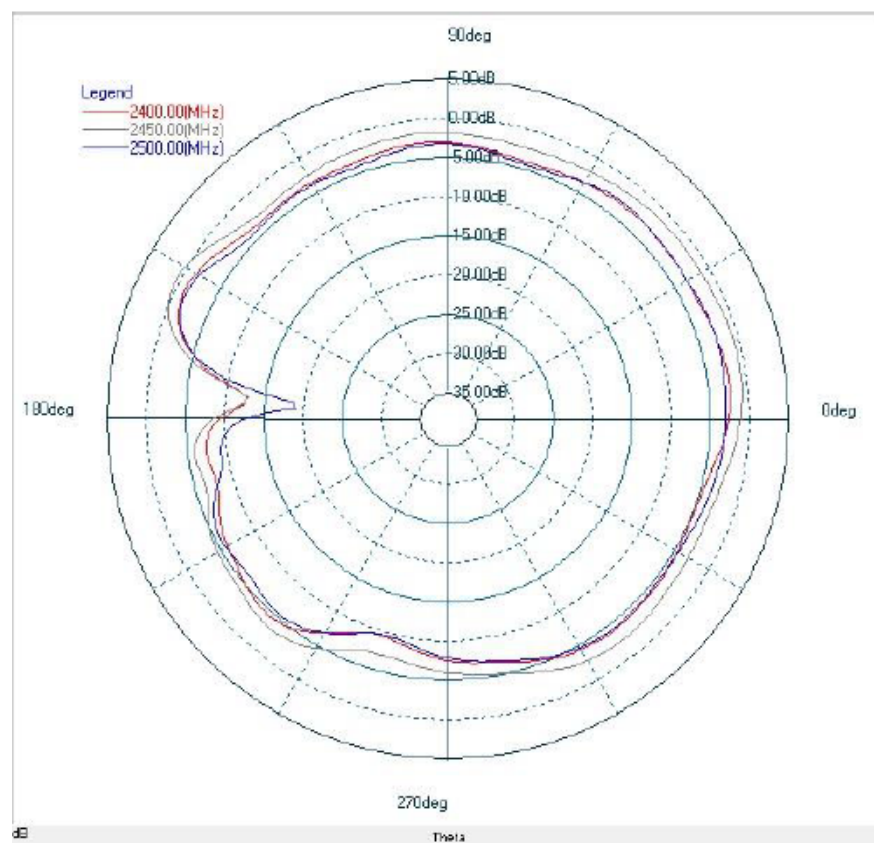
## 2. Radiation Pattern



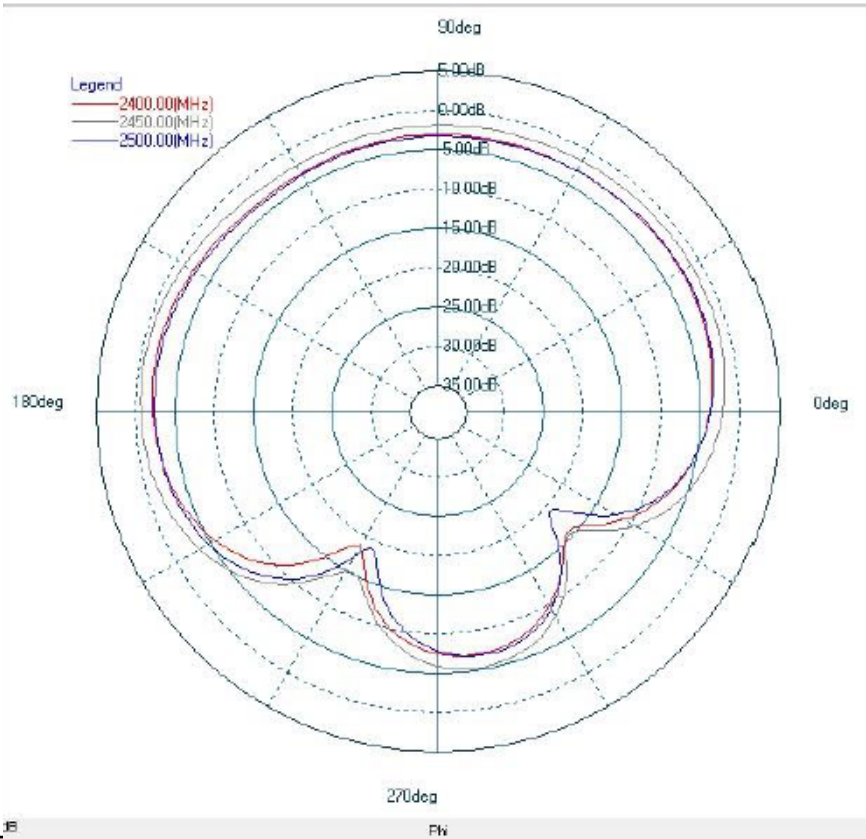
## Radiation pattern: Antenna 1. XZ Plane



## Radiation pattern: Antenna 1. YZ Plane



## Radiation pattern: Antenna 1. XY Plane



|                 | ZX plane       |              | ZY plane       |              | (XY plane)     |              |
|-----------------|----------------|--------------|----------------|--------------|----------------|--------------|
| Frequency [MHz] | Max Value [dB] | Average [dB] | Max Value [dB] | Average [dB] | Max Value [dB] | Average [dB] |
| 2400            | -2.13          | -3.71        | -1.07          | -4.39        | -1.95          | -4.58        |
| 2450            | -0.58          | -2.18        | 0.44           | -2.85        | -0.51          | -3.09        |
| 2500            | -2.38          | -3.91        | -1.43          | -4.62        | -2.31          | -4.64        |