

## Features

- 2.4GHz Band Application
- High Efficiency
- Omni-directional Antenna
- SMA RP Male Connector



## Specification

|                              |                                       |
|------------------------------|---------------------------------------|
| <b>Model</b>                 | <b>GADGBWF-V01</b>                    |
| <b>Frequency Range</b>       | <b>2400MHz to 2500MHz</b>             |
| <b>Return Loss</b>           | <b>&lt;-10dB</b>                      |
| <b>VSWR</b>                  | <b>&lt;1.92</b>                       |
| <b>Average Efficiency</b>    | <b>~76%</b>                           |
| <b>Gain@2440MHz</b>          | <b>~ 2.23 dBi</b>                     |
| <b>Polarization</b>          | <b>Linear , Vertical</b>              |
| <b>Dimension</b>             | <b>Length ~115mm , diameter ~13mm</b> |
| <b>Connector</b>             | <b>SMA RP Male</b>                    |
| <b>Weight</b>                | <b>~ 10.5 g</b>                       |
| <b>Operating temperature</b> | <b>-25°C to 85°C</b>                  |

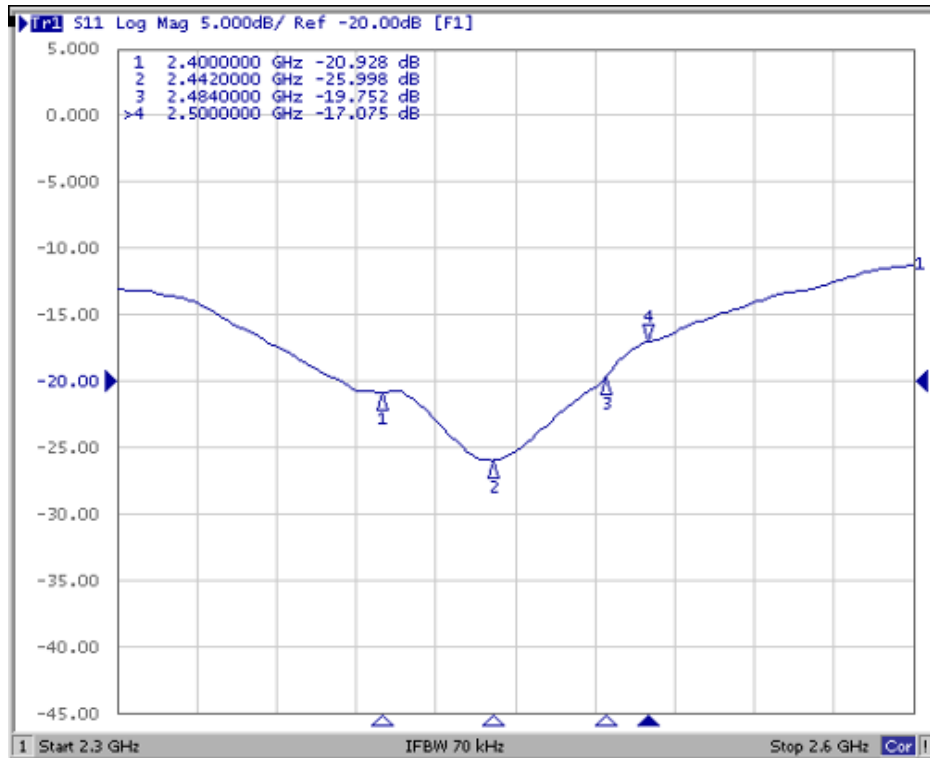
➤ **Reference Antenna Performance**

| Frequency (MHz) | Efficiency (%) | 3D Gain (dB) | Peak Gain (dBi) |
|-----------------|----------------|--------------|-----------------|
| 2402.00         | <b>78.66%</b>  | -1.04        | 2.41            |
| 2440.00         | <b>76.82%</b>  | -1.15        | 2.23            |
| 2484.00         | <b>74.96%</b>  | -1.25        | 1.79            |

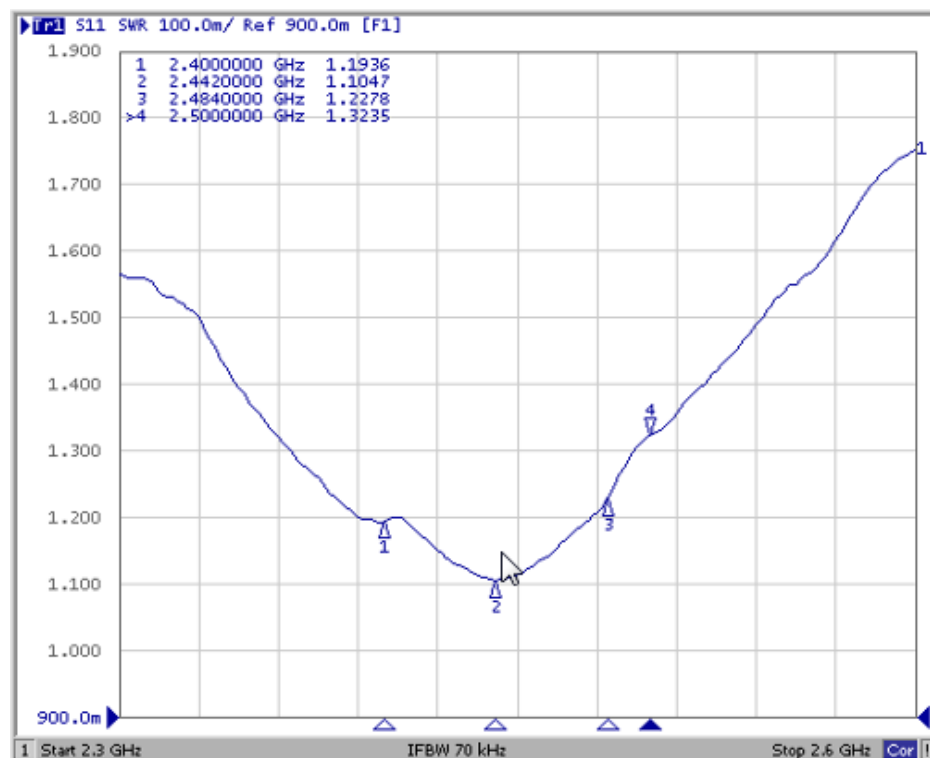
➤ **Dimension**



➤ **Reference Antenna S11**



● **Reference Antenna VSWR**



➤ **Radiation Pattern @2440MHz**

