# 2.4 GHz FPC Dipole Antenna

## FEATURES

- 2.4 dBi Peak Gain
- Welding RG 1.13 cable, Ipex connector, 3M sticker for easy installation.
- For smart device wireless, Zigbee, Bluetooth terminal wireless receiving antenna transmitter antenna
- Mounting to: non-conductive surface
- Installation type: adhesive

## PRODUCTS

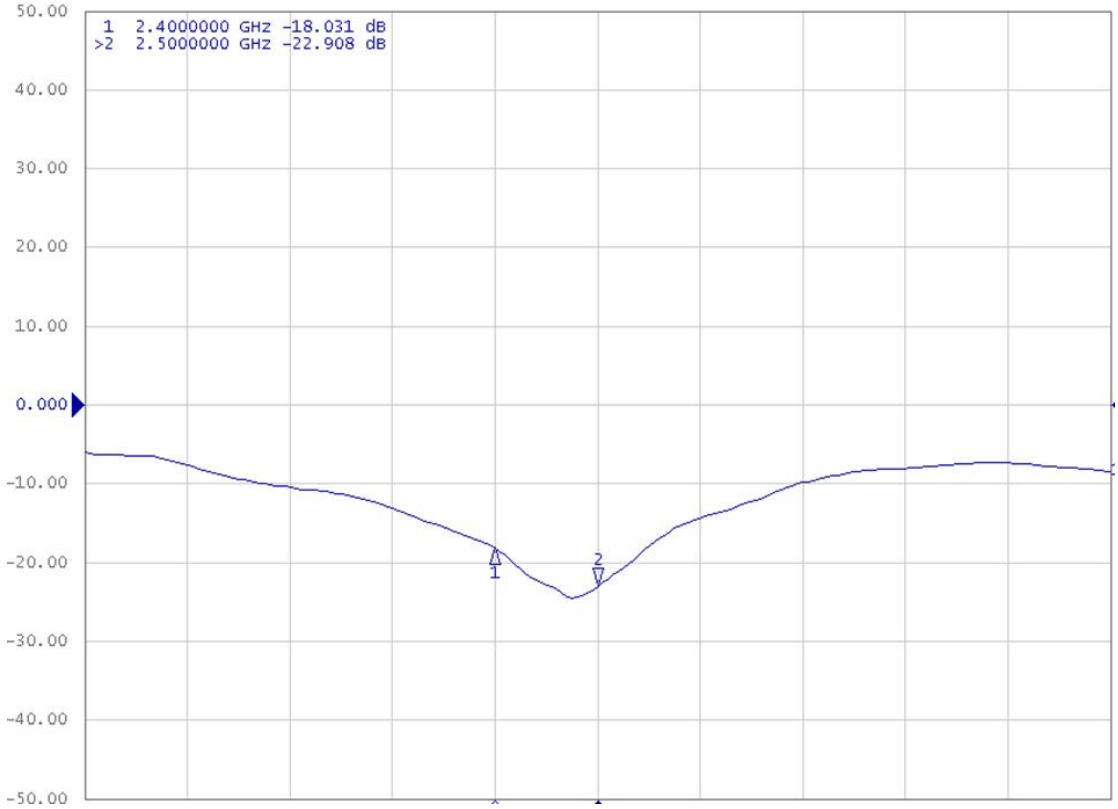
| Part No. | Weight | Dimensions (L x WxH) | Cables Dimensions | Connector | Color |
|---|---|---|---|---|---|
| AIWF019 | 0.43g | FPC:47.0*14.5*0.2mm | Φ1.13*100mm | IPX1 | Black |

## SPECIFICATIONS

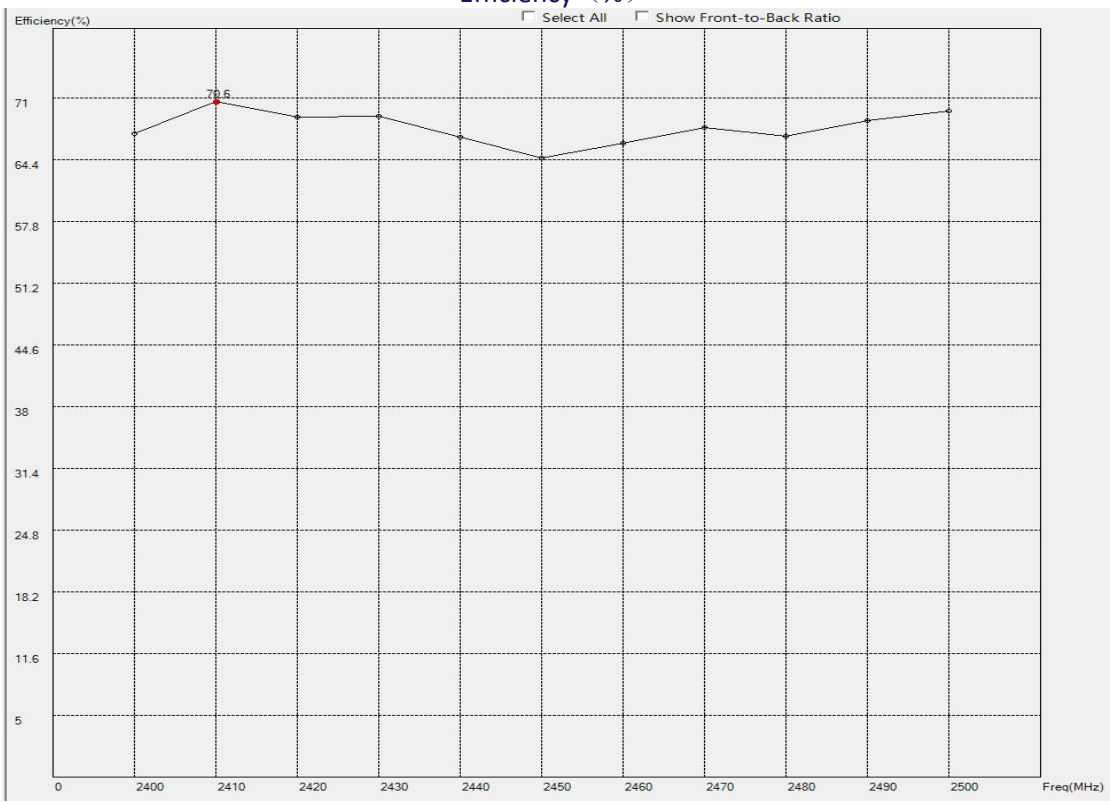
| PARAMETER | SPECIFICATION |
|---|---|
| Frequency Bands, MHz | 2400-2500 |
| VSWR (Max) | 3.0:1 |
| Peak Gain, dBi (Typ) | Up to 2.4 |
| Nominal Impedance | 50 Ω |
| Max Power (ambient temp of 25°C) | 10 Watts |
| Azimuth Beam Width (deg) | Omnidirectional |
| Polarization | Linear, Omnidirectional |
| Color | Black |
| Storage Temperature Range (°C) | -40° C to +85° C |
| Operational Temperature Range (°C) | -30° C to +80° C |
| Material Substance Compliance | REACH/RoHS Compliant |
| HSCODE | 8517707090 |
| USHSCODE | 8517620010 |
| UPC | |

## ELECTRICAL DATA

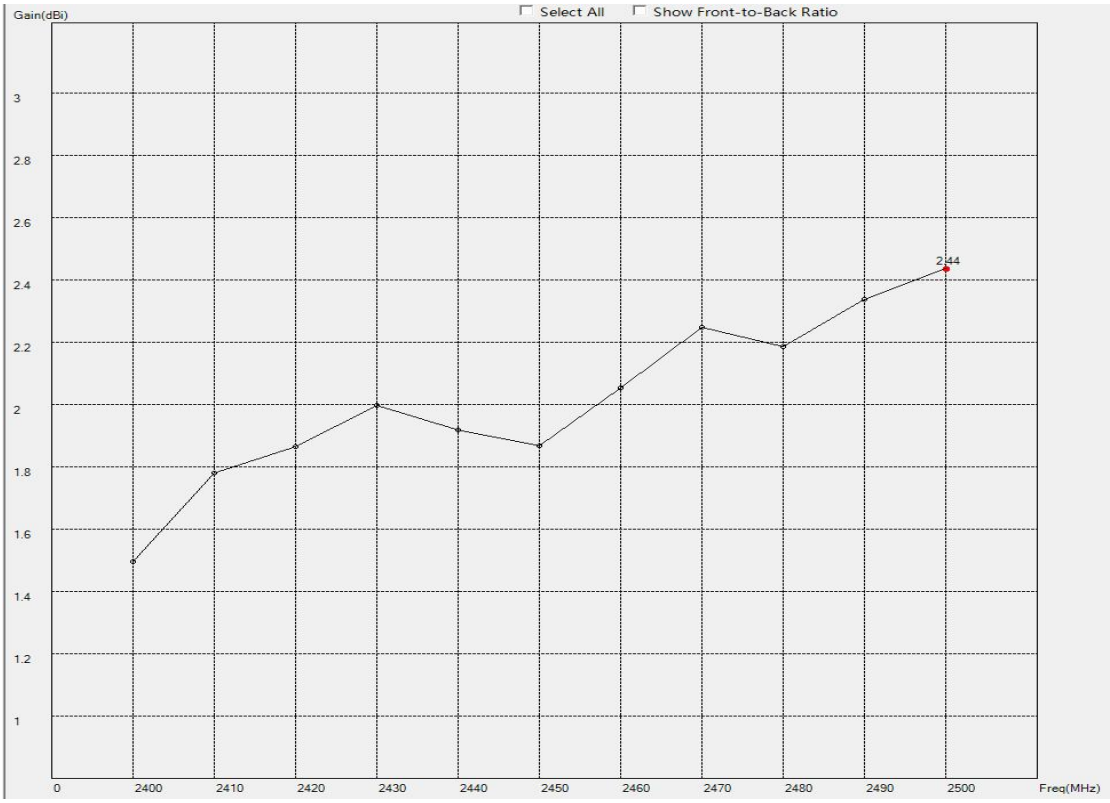
Return Loss




Efficiency（%）

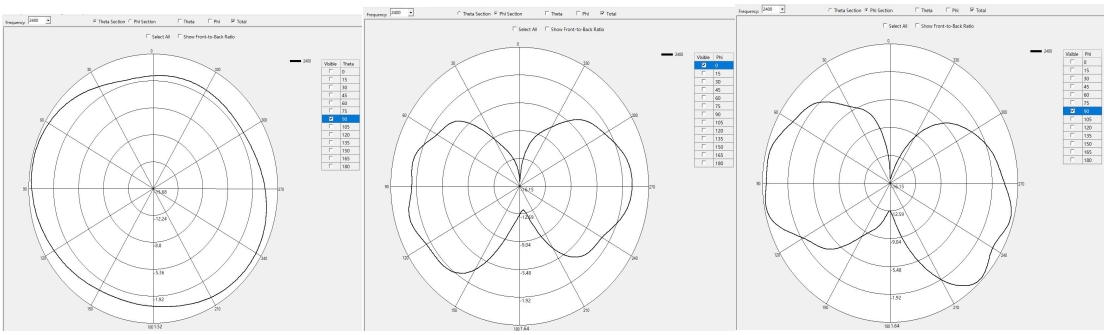


Peak Gain（dBi）

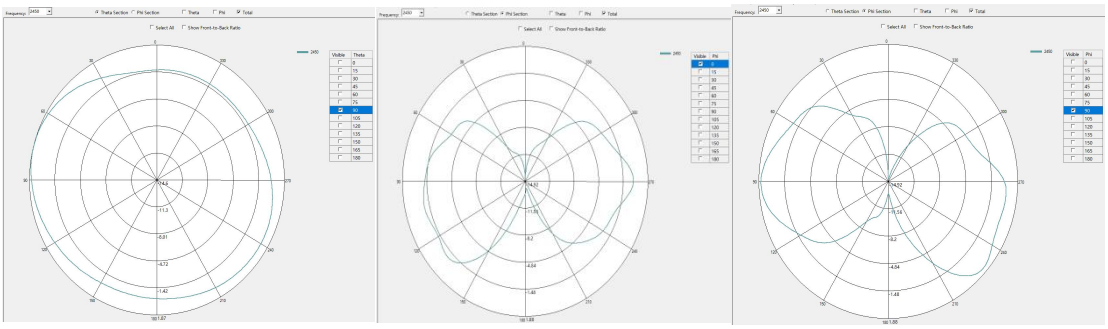



## RADIATION PATTERNS

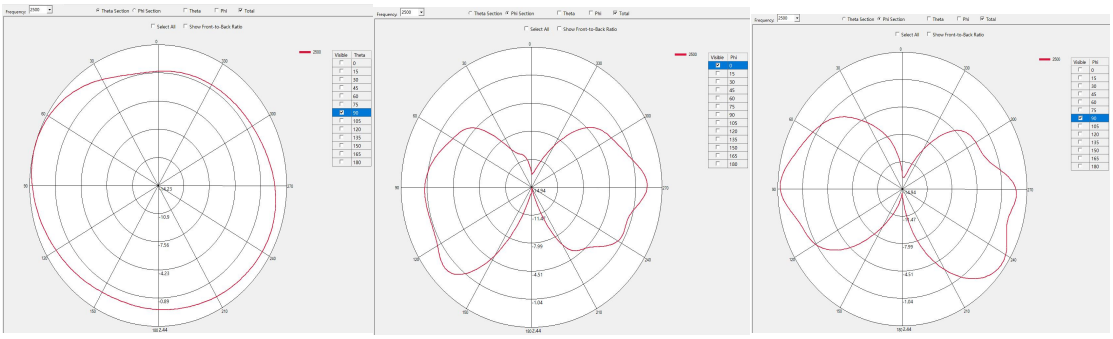
2D Radiation Pattern at 2400MHz



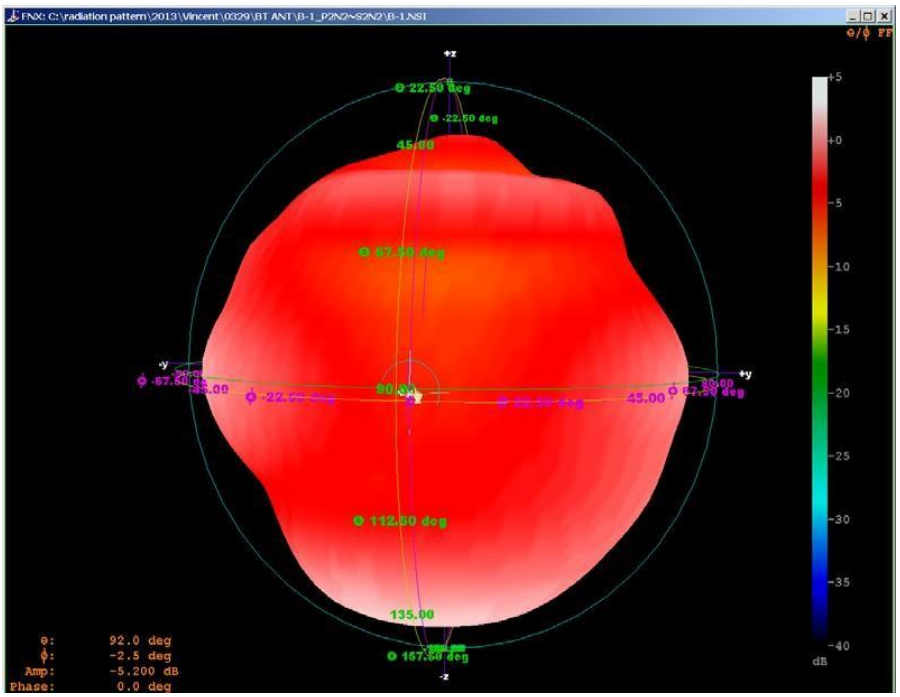
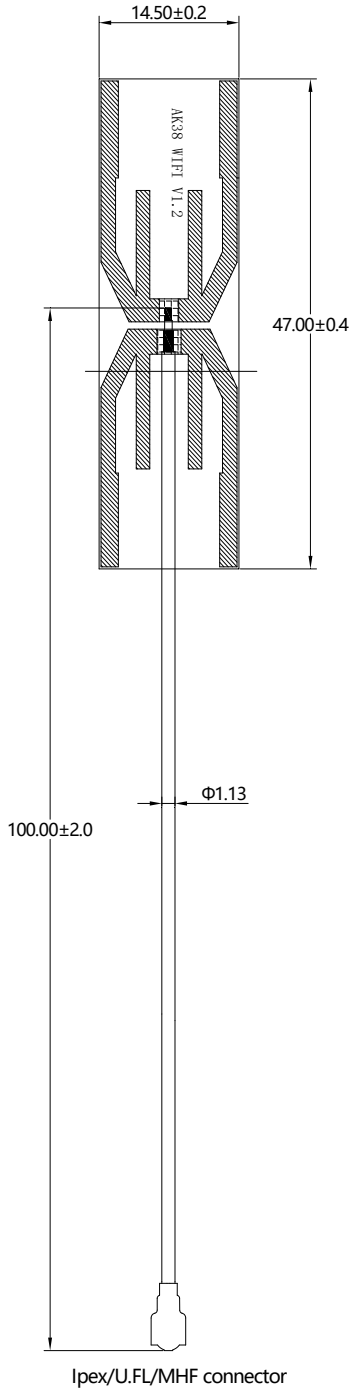
2D Radiation Pattern at 2450MHz



## 2D Radiation Pattern at 2500MHz



## 3D radiation pattern diagram



## HOUSING CONFIGURATIONS