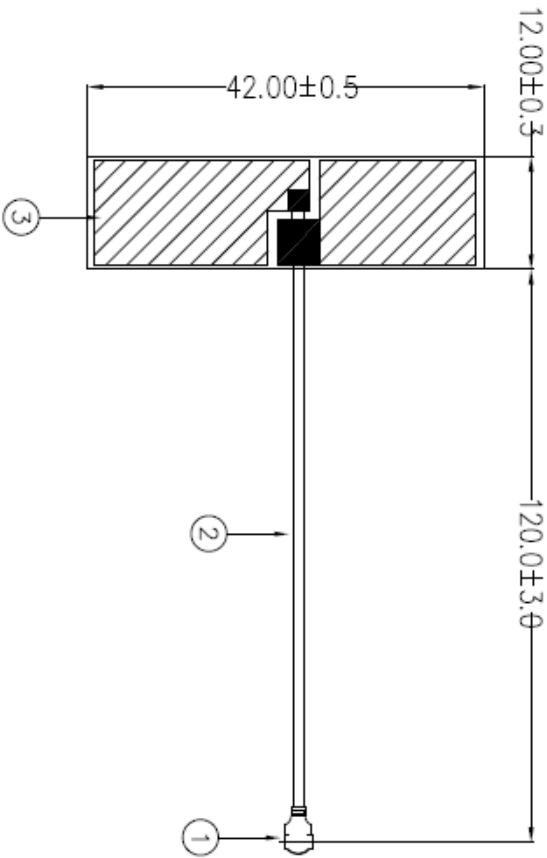


# Antenna Specification

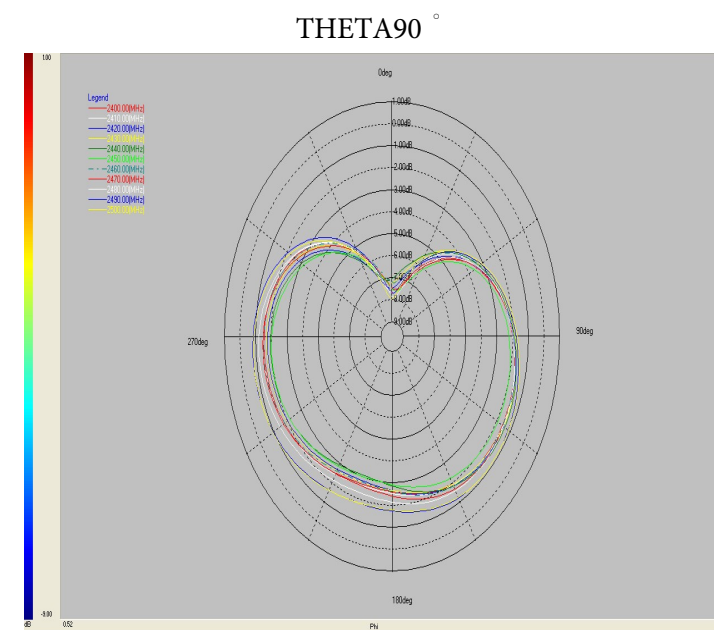
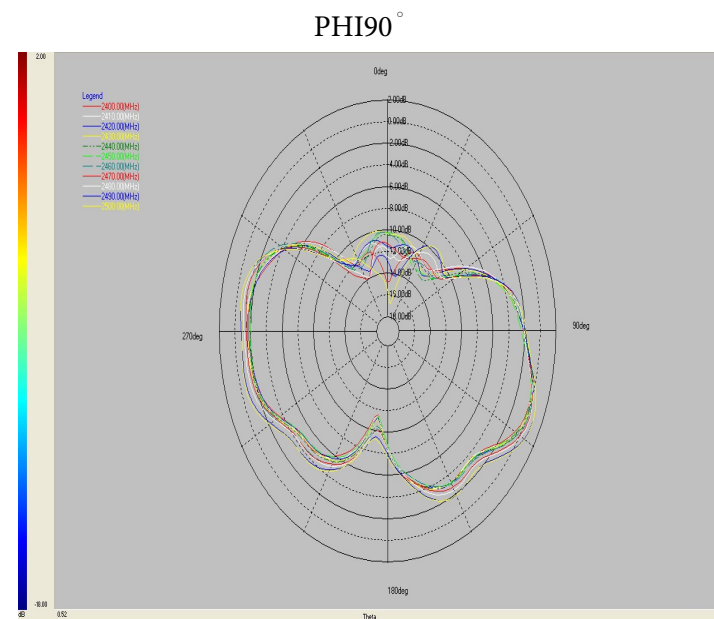
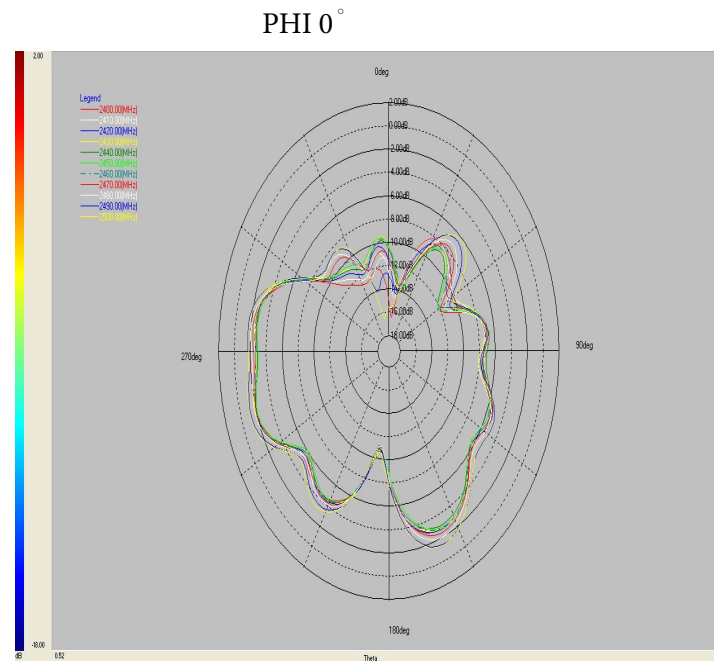
## Summary

|                      |                                      |
|----------------------|--------------------------------------|
| ITEM                 | ANT SPEC                             |
| Model Name           | 2.4G ANT                             |
|                      |                                      |
| MAX. Gain            | 1.06dBi                              |
| Polarization         | Horizontal and Vertical              |
| Azimuth Beam Pattern | Omni-directional                     |
| Impedance            | 50 Ohm                               |
| Antenna Length       | 38.20mm                              |
| Manufacture          | Quectel Wireless Solutions Co., Ltd. |



## 4. 2D Radiation characteristics of antenna

### 4.1 characteristics of antenna(VEC 03)



| Frequency VNA<br>(MHz) | Gain (Peak)<br>(dBi) |
|------------------------|----------------------|
| 2400MHz                | 0.042                |
| 2410MHz                | 0.084                |
| 2420MHz                | 0.266                |
| 2430MHz                | 0.194                |
| 2440MHz                | 0.268                |
| 2450MHz                | 0.076                |
| 2460MHz                | 0.364                |
| 2470MHz                | 0.553                |
| 2480MHz                | 0.644                |
| 2490MHz                | 1.06                 |
| 2500MHz                | 1.01                 |
|                        |                      |
|                        |                      |