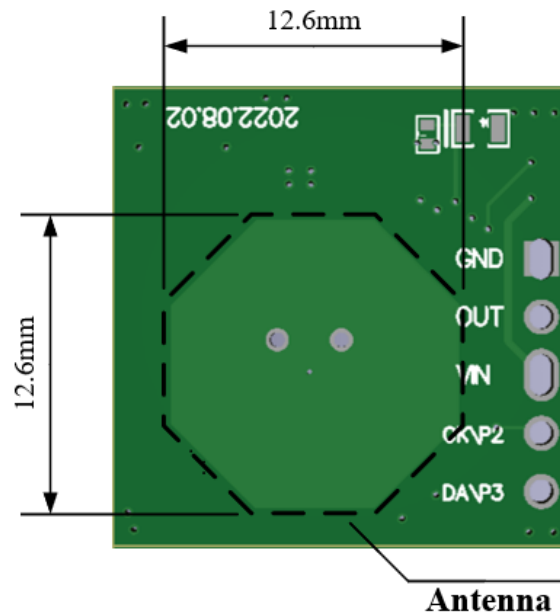


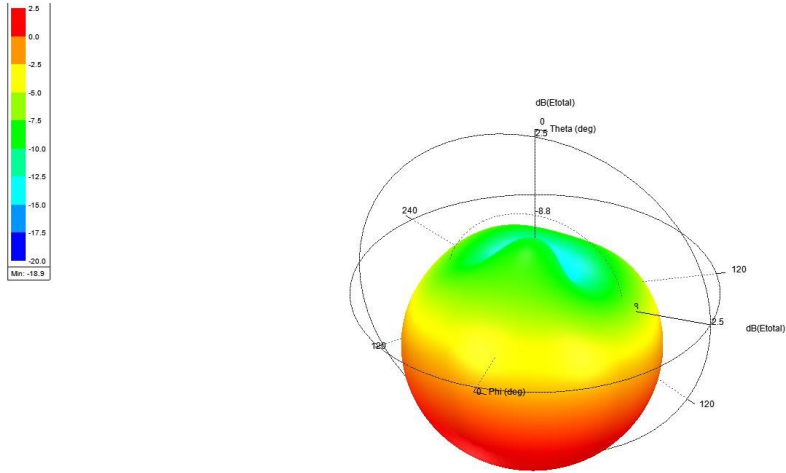
## Antenna Specifications

| Design Specifications | Typical           |
|-----------------------|-------------------|
| Antenna Type*         | Patch             |
| Working Frequency     | 5.8 GHz           |
| Antenna Gain          | $\leq 3$ dBi      |
| Antenna Efficiency    | $\geq 30\%$       |
| VSWR                  | $\leq 2$          |
| Impedance             | 50 ohm            |
| Overall Dimensions*   | 12.6 mm * 12.6 mm |

- **Schematic**

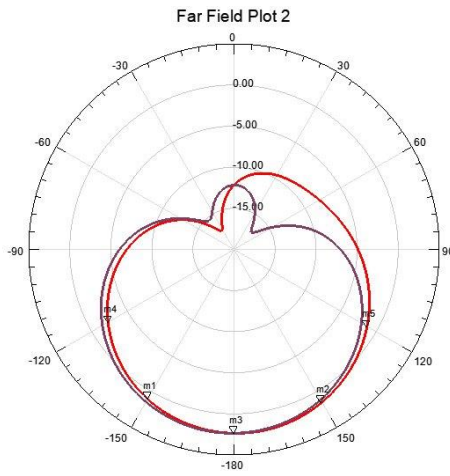


## ● 3D Antenna Gain



## ● 2D Antenna Gain

| Name | Theta     | Ang       | Mag     |
|------|-----------|-----------|---------|
| m1   | -150.0000 | -150.0000 | 1.0234  |
| m2   | 150.0000  | 150.0000  | 1.4672  |
| m3   | -180.0000 | -180.0000 | 2.3585  |
| m4   | -120.0000 | -120.0000 | -2.2911 |
| m5   | 120.0000  | 120.0000  | -1.2805 |



| Curve Info                  |
|-----------------------------|
| dB(Etotal)                  |
| HFSS Setup 1: Last Adaptive |
| F=5.8GHz Phi=0deg           |
| dB(Etotal)                  |
| HFSS Setup 1: Last Adaptive |
| F=5.8GHz Phi=90deg          |