

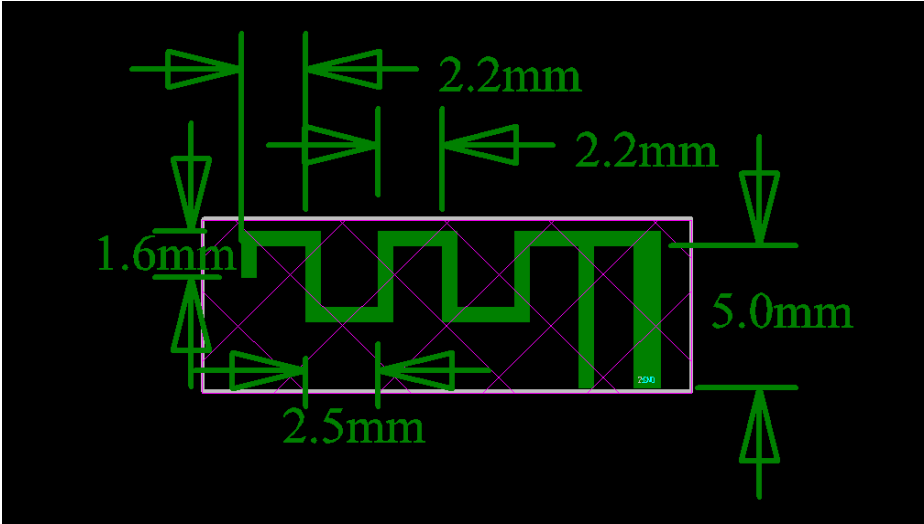
**Product specification**

**Quick Reference Date**

|                                               |                                    |
|-----------------------------------------------|------------------------------------|
|                                               | Antenna module on the system board |
| Model Name                                    | C19 2.4G ANT                       |
| Frequenc Range                                | 2402 ~ 2480MHz                     |
| Ant. Port Input Pwr. (dBm)                    | 0 (Typ. BT class 2 output power)   |
| Tot. Rad. Pwr. (dBm)                          | -1.2 (Input pwr – loss pwr)        |
| Peak EIRP(dBm)                                | 0.8                                |
| Directivity (dBi)                             | 1 (all direction antenna)          |
| Efficiency (dB)                               | 6 0.2 %                            |
| Gain (dBi)                                    | 1.9                                |
| Maximum Power (dBm)                           | 1.7 (XY-plane)                     |
| Minimum Power (dBm)                           | -4(XY-plane)                       |
| Avg. Power (dBm)                              | -0.5(XY-plane)                     |
| Issued by: SHENZHEN FEIMIN TECHNOLOGY CO.,LTD |                                    |
| Input Impendence(ohm)                         | 50                                 |
| Polarization Type                             | V ertical &    H orizontal         |
| V . S     .W     . R                          | < 1.4                              |

All the technical data and information contained herein are subject to change without prior notice

**Antenna Layout & module on the system board**



**Antenna Gain**

Gain Table

| Unit in dBi @2.44GHz | XY-plane |      | XZ-plane |      | YZ-plane |      | Efficiency |
|----------------------|----------|------|----------|------|----------|------|------------|
|                      | Peak     | Avg. | Peak     | Avg. | Peak     | Avg. |            |
| Module Board         | 1.2      | -0.5 | 1.9      | -3.6 | 1.1      | -3.0 | 6 0.2 %    |

Return Loss

