**Comparison of Wireless Standards**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Protocol**  **(Module)** | **Tx Power**  **Rx Sensitivity** | **Latency** | **Throughput** | **Area** | **Security** |
| **BLE**  **(TC3567DFSG002)** | -20 dBm  -93 dBm | <3 ms | 1 Mbps | 25 mm2 | AES-CMAC  and ECDH |
| **Zigbee**  **(AT86RF232)** | -17 dBm  -100 dBm | <5 ms | 250 Kbps | 25 mm2 | AES-CTR |
| **Bluetooth**  **(TC3567DFSG002)** | -20 dBm  -93 dBm | <100 ms | 2 Mbps | 25 mm2 | AES-CCM |
| **Wi-Fi**  **WF200** | 3 dBm  -97 dBm | 3 ms | 54 Mbps | 15 mm2 | AES-CCMP |
| **LoRaWAN**  **(SX1272)** | -1 dBm  -137 dBm | 40 ms | 27 Kbps | 37 mm2 | AES-CMAC |