

Specifications of EUT

FCC 15 Subpart C - 15.247

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|---------------------|---|-------------------------------------|
| Operating Frequency | 2400 – 2483.5 MHz | |
| No. of channel | 2400 – 2483.5 MHz Band → 13 | |
| Channel Spacing | 2400 – 2483.5 MHz Band → 5 MHz | |
| Transmitted Power | 802.11b | 15.15dBm |
| | 802.11g | 14.58dBm |
| | 802.11n | 14.87dBm |
| Modulation | 802.11b | DSSS with DBPSK,DQPSK |
| | 802.11g | OFDM with BPSK,QPSK, 16-QAM, 64-QAM |
| | 802.11n | BPSK,QPSK,16-QAM,64-QAM |
| Data Rate | 802.11n: 6.5, 13, 19.5, 26, 39, 52, 58.5, 65 Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11b:1,2, 5.5,11 Mbps | |
| Antenna Type | Chip | |
| Number of antenna | One | |
| Antenna Gain | 0.5 dBi | |
| Supply Voltage | 3.1-3.6 V DC | |
| Dimensions | 104 mm x 34 mm x 12 mm (Board) 20 mm x 17.5 mm x 3.45 mm (Module) | |
| Environmental | -40°C to +85°C | |

FCC Part 15 Subpart E - 15.401

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|---------------------|---|-------------------------------------|
| Operating Frequency | 5150 - 5350 MHz 5470 – 5725 MHz 5725 – 5825 MHz | |
| No. of channel | 24 | |
| Channel Spacing | 20 MHz | |
| Transmitted Power | 802.11a | 13.49 dBm |
| | 802.11n | 13.67 dBm |
| Modulation | 802.11a | OFDM with BPSK,QPSK, 16-QAM, 64-QAM |
| | 802.11n | BPSK,QPSK,16-QAM,64-QAM |
| Data Rate | 802.11n: 6.5, 13, 19.5, 26, 39, 52, 58.5, 65 Mbps 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps | |
| Antenna Type | Chip | |
| Number of antenna | One | |
| Antenna Gain | 0.5 dBi | |
| Supply Voltage | 3.1-3.6 V DC | |
| Dimensions | 104 mm x 34 mm x 12 mm (Board) 20 mm x 17.5 mm x 3.45 mm (Module) | |
| Environmental | -40°C to +85°C | |