

Receive Sensitivity (11n,40MHz) @10% PER	- MCS=7 PER @ -70 dBm, typical
	- MCS=0 PER @ -87 dBm, typical
	- MCS=1 PER @ -84 dBm, typical
	- MCS=2 PER @ -81 dBm, typical
	- MCS=3 PER @ -78 dBm, typical
	- MCS=4 PER @ -75 dBm, typical
	- MCS=5 PER @ -72 dBm, typical
	- MCS=6 PER @ -69 dBm, typical
	- MCS=7 PER @ -67 dBm, typical
Maximum Input Level	802.11b : -10 dBm
	802.11g/n : -20 dBm
Antenna Reference	Small antennas with 0~2 dBi peak gain

B. 5GHz RF Specification

Feature	Description
WLAN Standard	IEEE 802.11a/n/ac WiFi compliant
Frequency Range	4.900 GHz ~ 5.845 GHz (5.0 GHz ISM Band)
Number of Channels	5.0GHz : Please see the table
Modulation	802.11a : OFDM /64-QAM,16-QAM, QPSK, BPSK 802.11n : OFDM /64-QAM,16-QAM, QPSK, BPSK 802.11ac : OFDM /256-QAM
Output Power	802.11a /6Mbps : 17 dBm ± 2 dB @ EVM ≤ -5dB 802.11a /54Mbps : 14 dBm ± 2 dB @ EVM ≤ -25dB 802.11n HT20 /MCS0 : 16 dBm ± 2 dB @ EVM ≤ -5dB 802.11n HT20 /MCS7 : 14 dBm ± 2 dB @ EVM ≤ -28dB 802.11n HT40 /MCS0 : 16 dBm ± 2 dB @ EVM ≤ -5dB 802.11n HT40 /MCS7 : 13dBm ± 2 dB @ EVM ≤ -28dB 802.11ac VHT20 /MCS0 : 16 dBm ± 2 dB @ EVM ≤ -5dB 802.11ac VHT20 /MCS8 : 12 dBm ± 2 dB @ EVM ≤ -30dB 802.11ac VHT40 /MCS0 : 16 dBm ± 2 dB @ EVM ≤ -5dB 802.11ac VHT40 /MCS9 : 11 dBm ± 2 dB @ EVM ≤ -32dB 802.11ac VHT80 /MCS0 : 16 dBm ± 2 dB @ EVM ≤ -5dB 802.11ac VHT80 /MCS9 : 11 dBm ± 2 dB @ EVM ≤ -32dB
Receive Sensitivity (11a,20MHz) @10% PER	- 6Mbps PER @ -93dBm, typical - 9Mbps PER @ -90 dBm, typical - 12Mbps PER @ -87 dBm, typical - 18Mbps PER @ -84 dBm, typical - 24Mbps PER @ -81 dBm, typical - 36Mbps PER @ -78 dBm, typical - 48Mbps PER @ -76 dBm, typical