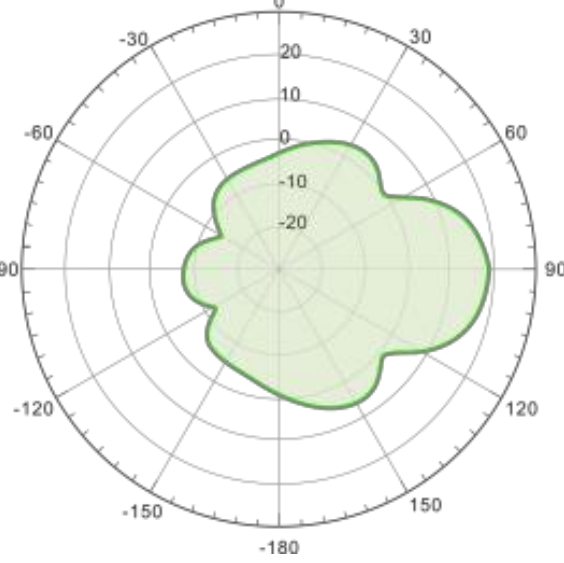
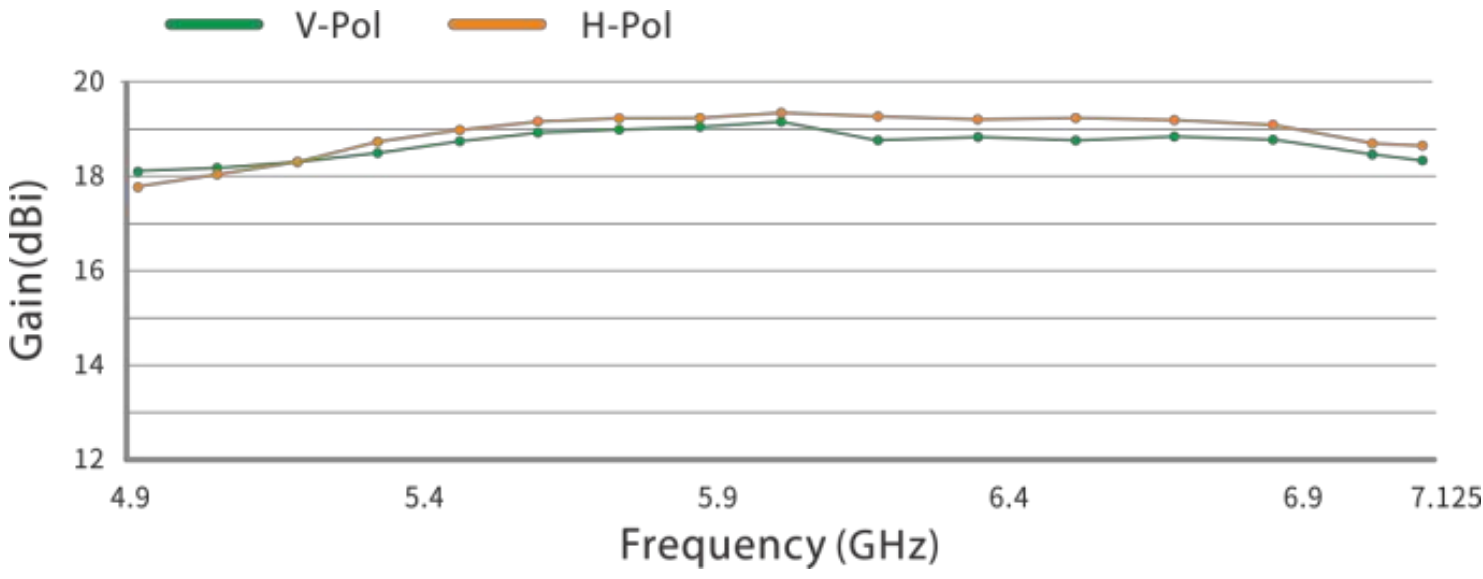




|                                                                                     |                                                                                                                                                        |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                                                                               | WI-FW5619                                                                                                                                              |
| Operating Frequency                                                                 | 5.925–7.125GHz                                                                                                                                         |
| Wireless Standards                                                                  | WIFI 6E                                                                                                                                                |
| Channel Width                                                                       | 20/40/80/160 MHz                                                                                                                                       |
| Max Throughput                                                                      | 940Mbps                                                                                                                                                |
| Transmission Distance                                                               | 15km                                                                                                                                                   |
| Proprietary Physical Layer                                                          | 2x2 MU-MIMO/OFDMA based on 802.11ax underlying technology                                                                                              |
| Networking interface                                                                | 1*Gigabit                                                                                                                                              |
| Transmit Power Range                                                                | Max 29dBm @20MHz, Max 27dBm@40/80MHz, Max 26dBm@160MHz                                                                                                 |
| Antenna Frequency Range                                                             | 5.15–7.125GHz                                                                                                                                          |
| Antenna Gain                                                                        | 19dBi Dual Linear                                                                                                                                      |
| Antenna Beam width                                                                  | V:16°/ H:45°                                                                                                                                           |
| LEDs                                                                                | 1*Power, 1*SYS, 1*LAN, 3*Wi-Fi                                                                                                                         |
| Power Supply                                                                        | 24V or 48V Passive PoE IN(Pin 4, 5(+), 7, 8(-))                                                                                                        |
| Power Consumption                                                                   | <15W                                                                                                                                                   |
| Surge suppression                                                                   | 8KV                                                                                                                                                    |
| Weatherproof Enclosure                                                              | IP67                                                                                                                                                   |
| Size                                                                                | 307*127*65mm                                                                                                                                           |
| Weight                                                                              | 0.8kg                                                                                                                                                  |
| Temperature                                                                         | –30℃ to 55℃                                                                                                                                            |
| Working mode                                                                        | AP WDS, Client WDS                                                                                                                                     |
| Network Mode                                                                        | Bridge/Router                                                                                                                                          |
| Firewall                                                                            | Port Forwarding, DMZ, ACL Filtering                                                                                                                    |
| Wireless Security                                                                   | WPA-PSK, WPA2-PSK, WPA/WPA2-PSK, WPA2-PSK/WPA3-SAE, WPA3-SAE                                                                                           |
| VLAN                                                                                | 802.1Q with 802.1p priority                                                                                                                            |
| DHCP                                                                                | DHCP Server, DHCP Client                                                                                                                               |
| Network Management                                                                  | HTTP/HTTPS, SNMPv1/2, SNMPv3, TR069                                                                                                                    |
| QoS (Quality of Service)                                                            | Three-level priority (voice, high, low) with packet classification by DSCP, COS, VLAN ID, IP & MAC Address, broadcast, multicast, and station priority |
| ARQ                                                                                 | yes                                                                                                                                                    |
| Nominal Receive Sensitivity (w/FEC) @20 MHz Channel                                 | MCS 0 = -95 dBm to MCS 11<br>(1024 QAM-5/6) = -64 dBm (per chain)                                                                                      |
| Nominal Receive Sensitivity (w/FEC) @40 MHz Channel                                 | MCS 0 = -92 dBm to MCS 11<br>(1024 QAM-5/6) = -61 dBm (per chain)                                                                                      |
| Nominal Receive Sensitivity (w/FEC) @80 MHz Channel                                 | MCS 0 = -89 dBm to MCS 11<br>(1024 QAM-5/6) = -58 dBm (per chain)                                                                                      |
| Nominal Receive Sensitivity (w/FEC) @160 MHz Channel                                | MCS 0 = -86 dBm to MCS 11<br>(1024 QAM-5/6) = -55 dBm (per chain)                                                                                      |
| Modulation Levels (Adaptive)                                                        | MCS 0 (BPSK) to MCS 11(1024 QAM-5/6)                                                                                                                   |
| Antenna Information                                                                 |                                                                                                                                                        |
|  |                                                                    |
| Antenna Pattern                                                                     | Polar Plots and Gain Across Frequency                                                                                                                  |



15KM+

