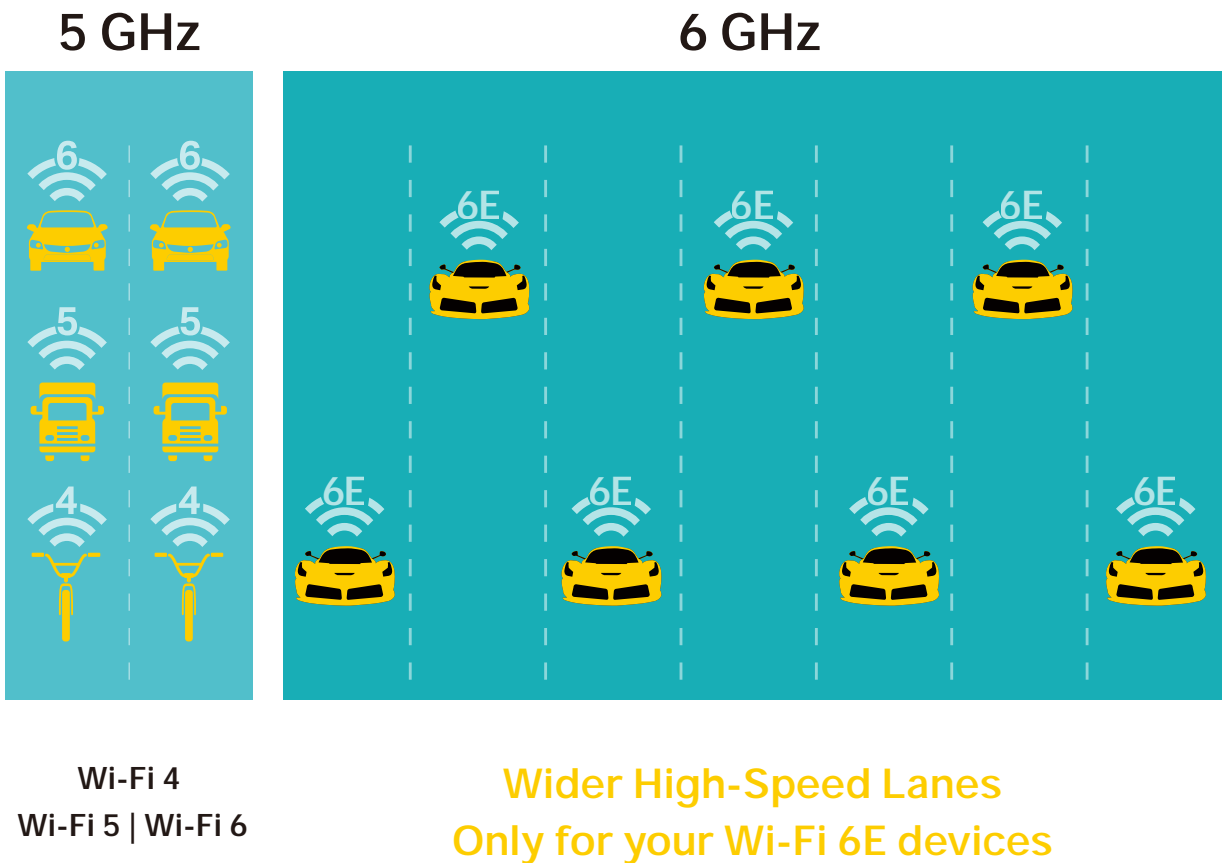


Highlights

Wi-Fi 6E Huge Leap Forward for Wi-Fi

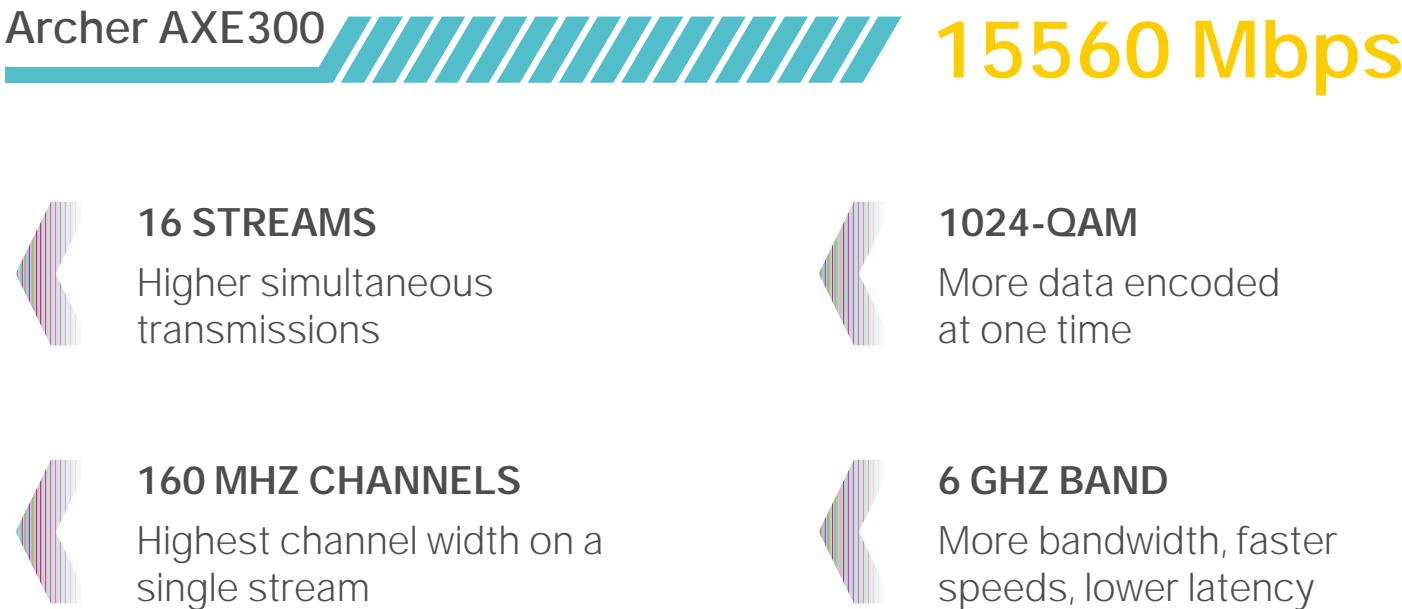


Connect to an even faster Wi-Fi. The brand-new 6 GHz band is wide enough for several extra 160 MHz channels, preventing competition over bandwidth and drops in speed.[†]

The 6 GHz band is exclusive to Wi-Fi 6E devices, which prevents interference from legacy devices. Unleash the most out of the latest Wi-Fi and enjoy congestion-free networking.

Highlights

Beyond Fast — Run Your Wi-Fi at Top Gear



Experience industry-leading Wi-Fi speeds up to 16 Gbps with Archer AXE300. Every device in your network receives premium performance thanks to quad-band connectivity. The brand new 6 GHz band provides exceptional bandwidth and congestion-free channels exclusive to Wi-Fi 6E devices.[†]

Highlights

TP-Link HomeShield

TP-Link's premium security services keep your home network safe with cutting-edge features for network and IoT protection.*



Network Protection

Detect cyber threats to keep your privacy and connected devices well protected.



Quality of Service (QoS)

Prioritize your bandwidth needs to get a better networking experience.



Parental Controls

Manage online time and block inappropriate content to maintain healthy online habits.

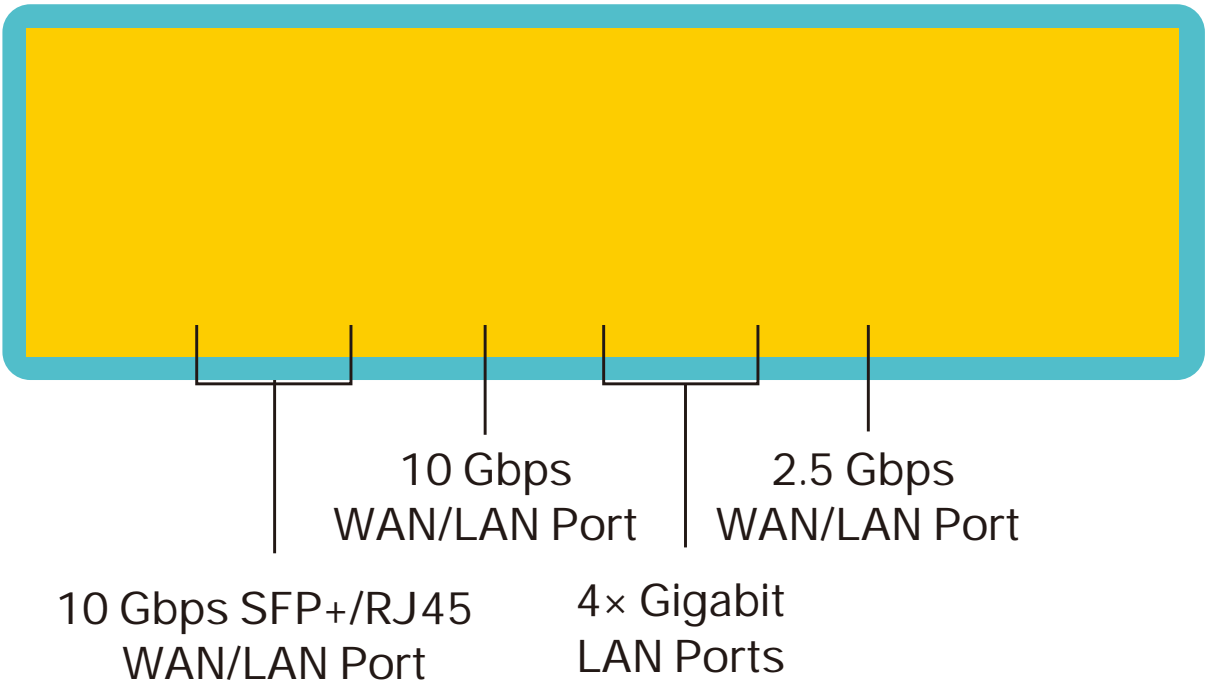


Comprehensive Reports

Gain full statistics and insights to help you understand your home network better.

Future-Proof Wired Connectivity

Equipped with two 10G ports—one RJ45 port and a RJ45/SFP+ combo connections. AXE300's additional 2.5G port, 4 Gigabit ports, and USB 3.0 port



Features



Ultra-Fast Speed

- **Warp-Speed AXE16000 Wi-Fi** – Up to 16 Gbps quad-band Wi-Fi 6E enables gaming, streaming and high-speed downloading on multiple devices—all at the same time[†]
- **10G Multi-Gig Ports** – Two 10G ports—one RJ45 port and a USB-C port—enable speeds up to 10Gbps, 10x faster than standard gigabit ports, for faster file transfers and streaming of gigabit speeds from your local ISP.[§]
- **6E Wi-Fi** – Provides robust high-speed connections with a brand-new expansive and congestion-free band.
- **Wi-Fi 6** – Wi-Fi 6 (802.11ax) features advanced technologies, including OFDMA, HE160, and 1024-QAM, drastically increasing throughput and efficiency.
- **Smart Connect** – Intelligently assigns each device to the best Wi-Fi band for optimal performance.



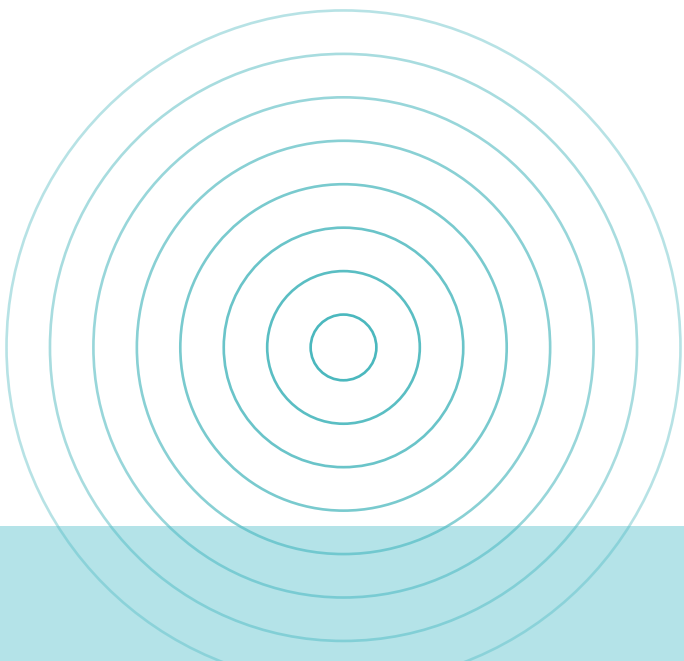
High Capacity and Reliable Connections

- **Top-Notch Processing** – A 2.0 GHz Quad-Core CPU provides the processing ability to handle enormous data throughput and minimizes the lag within your home network.
- **Connect 200+ Devices** – Simultaneously sends data to multiple devices with 16 streams, quad bands, MU-MIMO, and OFDMA.[†]
- **Connect More, Stay Fast** – Supports OFDMA to reduce congestion and quadruple your average throughput.[†]
- **Airtime Fairness** – Balances bandwidth of connected devices to ensure everyone gets the same quality of service.

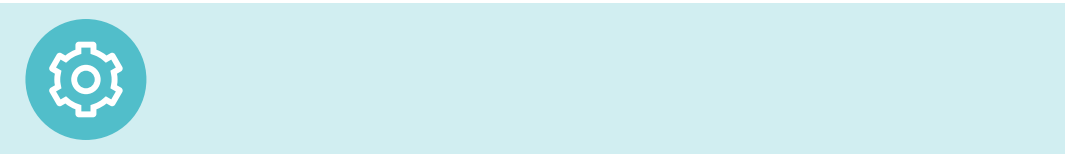


Broad Wi-Fi Range

- **Ultimate Range Wi-Fi** – Eight high-gain dual-band antennas and high-power FEM boosts Wi-Fi signals throughout your home.
- **Beamforming Technology** – Concentrates Wi-Fi signals towards individual devices to ensure stronger connections.
- **Seamless OneMesh network** – Transfer between seamless whole-home Wi-Fi without any drops or lag and manage your whole network using a centralized panel.

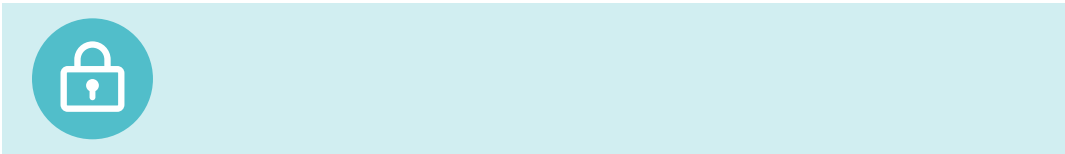


Features



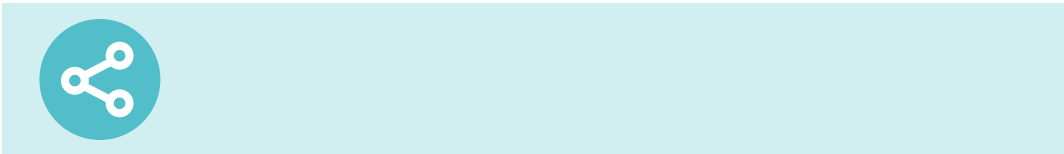
Ease of Use

- Hassle-free Management with Tether App – Network management is made easy with the TP-Link Tether app, available on any Android and iOS device.
- Intuitive Web UI – Ensures quick and simple installation without hassle.
- WPS (Wi-Fi Protected Setup) – Help you to quickly and securely connect your devices to the router's network with a tap.
- Backwards Compatible – Take your Wi-Fi to the next level while being backwards compatible with existing 802.11a/b/g/n/ac Wi-Fi standards.
- Works with Amazon Alexa and Google Assistant – Utilize Amazon Alexa and Google Assistant to control everything via voice commands to enjoy truly intelligent life.



Robust Security

- HomeShield – TP-Link's premium security services keep your home network safe with cutting-edge features for network and IoT protection.*
- Parental Controls – Manage online time and block inappropriate content to control your family's digital habits.
- Guest Network – Provides separate access for guests to secure the home network.
- Advanced WPA3 Encryptions – The latest WiFi security protocol, WPA3, brings new capabilities to improve cybersecurity in personal networks.**
- Access Control – Establishes a whitelist or blacklist to allow or restrict certain devices to access the internet.



Value-Added Features

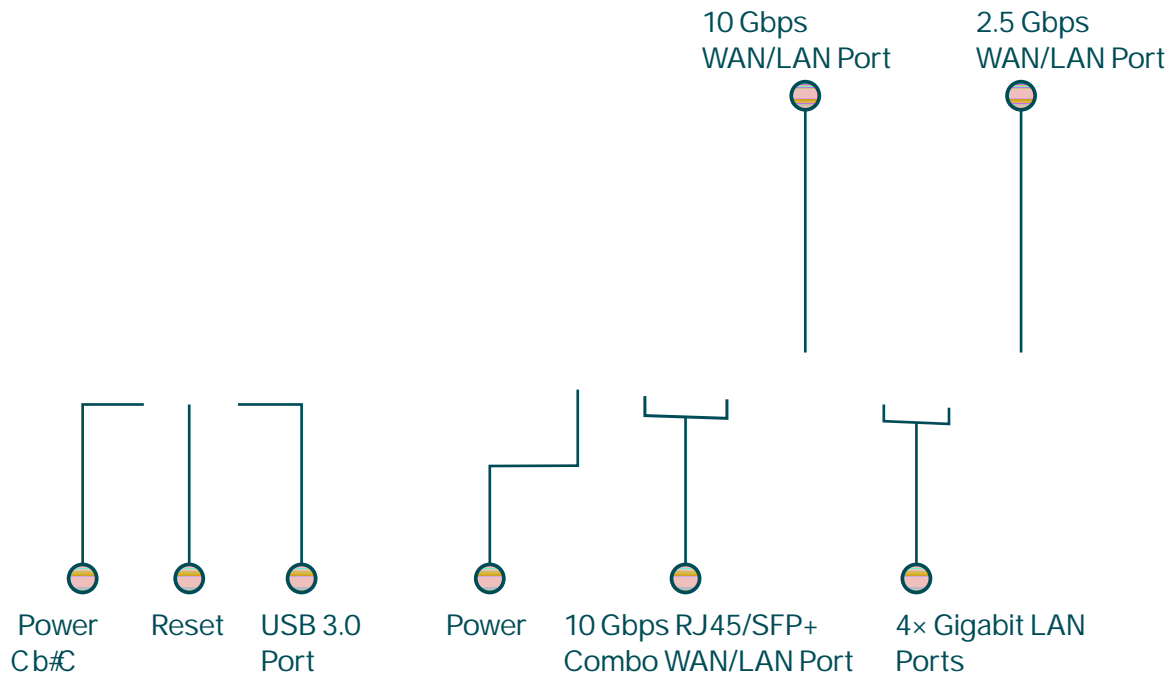
- VPN Clients and Server Supported – With VPN client support, 5L9' \$\$'U`ck g'gdYW] YX`XYj]Wg`]b`mci f`ca Y`bYtk cf`hc` access remote VPN servers without needing to install VPN software on every device.
- USB 3.0 Port – Connects external storage devices to rapidly g\UfY` `Ygžd\cħgžUbX`j]XYcg"
- Built-in Media Server – Allows you to play music, watch videos and view photos from any device on your network.
- More Values – Advanced functions like IPTV, IPv6 compatibility, and Access Point mode bring more values.

Wireless

- Standards: IEEE 802.11ax 6 GHz, IEEE 802.11ax/ac/n/a 5 GHz, IEEE 802.11ax/n/b/g 2.4 GHz
- WiFi Speeds: 4804 Mbps (6 GHz) + 4804 Mbps (5 GHz-1) + 4804 Mbps (5 GHz-2) + 1148 Mbps (2.4 GHz)[†]
- WiFi Range: , Ħ '8i U! 6UbX '5bhYbbUgž6YUa žcfa ĩb[ž<][\!Dck Yf': 9A ž(H(F
- WiFi Capacity: E i UX! 6UbXž(Ħ ('A I !A A C žC: 8A 5ž5]fhja Y': U]fbYggž8: Gž%* 'GhfYUa g
- Working Modes: Router Mode, Access Point Mode

Hardware

- Processor: 2.0 GHz Quad-Core CPU
- Ethernet Ports: %Ħ '%\$'; Vdg'F >() #G: Dž '7ca Vc'K 5B#@5B'Dcflž%Ħ '%\$'; Vdg'K 5B#@5B'Dcflž %Ħ '&")'; Vdg'K 5B#@5B'Dcflž(Ħ '%; Vdg'@5B'Dcflg
- USB Support: %Ħ 'l G6" "\$'Dcflh
- Buttons: K ĩ!: ĩCb#C '6i HtcbžDck Yf'Cb#C '6i Htcbž@98'C b#C '6i HtcbžK DG'6i HtcbžFYgYh' Button
- Power: 12 V/5 A



Security

- WiFi Encryption: WPA, WPA2, WPA3, WPA/WPA2-Enterprise (802.1x)
- Network Security: SPI Firewall, Access Control, IP & MAC Binding, Application Layer Gateway, HomeShield Security
- Guest Network: 6 GHz Guest Network, 5GHz-1 Guest Network, 5GHz-2 Guest Network, 2.4 GHz Guest Network
- VPN Client: OpenVPN, PPTP, L2TP VPN Client
- VPN Server: OpenVPN, PPTP, L2TP VPN Server

Software

- Protocols: IPv4, IPv6
- Service Kits: HomeShield
- OneMesh: Supported
- Parental Controls: HomeShield Parental Controls
- WAN Types: Dynamic IP, Static IP, PPPoE, PPTP, L2TP
- Quality of Service: QoS by Device
- Cloud Service: Auto Firmware Upgrade, TP-Link ID, DDNS
- NAT Forwarding: Port Forwarding, Port Triggering, DMZ, UPnP
- DDNS: TP-Link, NO-IP, DynDNS

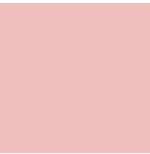


Physical

- Package Contents:
 - Wi-Fi Router Archer AXE300
 - Power Adapter
 - RJ45 Ethernet Cable
 - Quick Installation Guide

Other

- System Requirements:
 - Internet Explorer 11+, Firefox 12.0+, Chrome 20.0+, Safari 4.0+, or other JavaScript-enabled browser
 - Cable or DSL Modem (if needed)
 - Subscription with an internet service provider (for internet access)
- Environment:
 - Operating Temperature: 0 ~40 ℃ (32 ~104 ℉)
 - Operating Humidity: 10%~90% non-condensing



For more information, please visit

<http://www.tp-link.com/products/details/Archer-AXE300.html>

or scan the QR code left

1. A UI ja i a ik jfY Ygg gll bU fUhg UfY hAY d\ng MW fUhg XYfj YX Zca 999 GHbXUfX, \$&%gdYWj WUhcbg 5Wfi U k jfY Ygg XUHU h fci [\di hUbX k jfY Ygg Vtj YfU[YZUbX ei UbhImcZWtbbYVWXY XYj jWg UfY bch[i UfUbhYX UbX k j j UfmUg U fYgi hcZbYhk cf_ Vt bX]hcbgZWjYbh ja jfU hcbgzUbX Ybj jfcba YbHU ZUWt fgZbWfi Xjb[Vi jXjb[a UHrfjUgzcVghUWYgz j c 1 a Y UbX XYbgjmcZhfU VZUbX WjYbh cWUhcb

2. Use of Wi-Fi 6 (802.11ax), Wi-Fi 6E, and features including OFDMA, MU-MIMO, 1024-QAM, and HE160 require clients to also support the corresponding features. Seven 160MHz channels may not be all available in the 6 GHz band in some regions/countries due to regulatory restrictions or product design considerations.

3. Vdg jbh rfbYhgdYYXg fYei jfY Vtca dUhfY Y gYfj jW d'Ub gUbX Yei jda Ybh %\$; Vdg UbX &) ; Vdg dcfhg WUbbchVY Vt bW ffYbhmVt b [i fYX Ug K 5B dcfhg

4. Saving clients' battery power requires clients to also support the 802.11ax Wi-Fi standard. Actual power reduction may vary as a result of network conditions, client limitations, and environmental factors.

5. HomeShield includes the Free Basic Plan. Fees apply for the Pro Plan. Visit tp-link.com/homeshield for more information

6. Use of WPA3 requires clients to also support the corresponding feature.

7. HHH jg fci HfFa Umbchgi ddcfhU hAY a UbXUhf mZYUfi fYg Ug fUfj YX j b 8fUZh " \$ cZ hAY 999 ; \$ & % 5L gdYWj WUhcb

8. Further software upgrades for feature availability may be required.

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Test Data

- WiFi Transmission Power:
 - 2.4 GHz:
 - 11ax HE40 MCS0: -95dBm, 11ax HE40 MCS11: -64dBm
 - 5 GHz-1:
 - 11ax HE20 MCS0: -93dBm, 11ax HE20 MCS11: -62dBm
 - 11ax HE40 MCS0: -91dBm, 11ax HE40 MCS11: -60dBm
 - 5 GHz-2:
 - 11ax HE20 MCS0: -95dBm, 11ax HE20 MCS11: -64dBm
 - 11ax HE40 MCS0: -93dBm, 11ax HE40 MCS11: -62dBm
 - 11ax HE80 MCS0: -90dBm, 11ax HE80 MCS11: -59dBm
 - 6 GHz:
 - 11ax HE20 MCS0: -95dBm, 11ax HE20 MCS11: -65dBm
 - 11ax HE40 MCS0: -93dBm, 11ax HE40 MCS11: -62dBm
 - 11ax HE80 MCS0: -90dBm, 11ax HE80 MCS11: -58dBm
- WiFi Reception Sensitivity:
 - 2.4 GHz:
 - 11ax HE160 MCS0: -82dBm, 11ax HE160 MCS11: -52dBm
 - 5 GHz-1:
 - 11ax HE20 MCS0: -93dBm, 11ax HE20 MCS11: -62dBm
 - 11ax HE40 MCS0: -91dBm, 11ax HE40 MCS11: -60dBm
 - 5 GHz-2:
 - 11ax HE20 MCS0: -95dBm, 11ax HE20 MCS11: -64dBm
 - 11ax HE40 MCS0: -93dBm, 11ax HE40 MCS11: -62dBm
 - 11ax HE80 MCS0: -90dBm, 11ax HE80 MCS11: -59dBm
 - 6 GHz:
 - 11ax HE20 MCS0: -95dBm, 11ax HE20 MCS11: -65dBm
 - 11ax HE40 MCS0: -93dBm, 11ax HE40 MCS11: -62dBm
 - 11ax HE80 MCS0: -90dBm, 11ax HE80 MCS11: -58dBm