

EXHIBIT 20

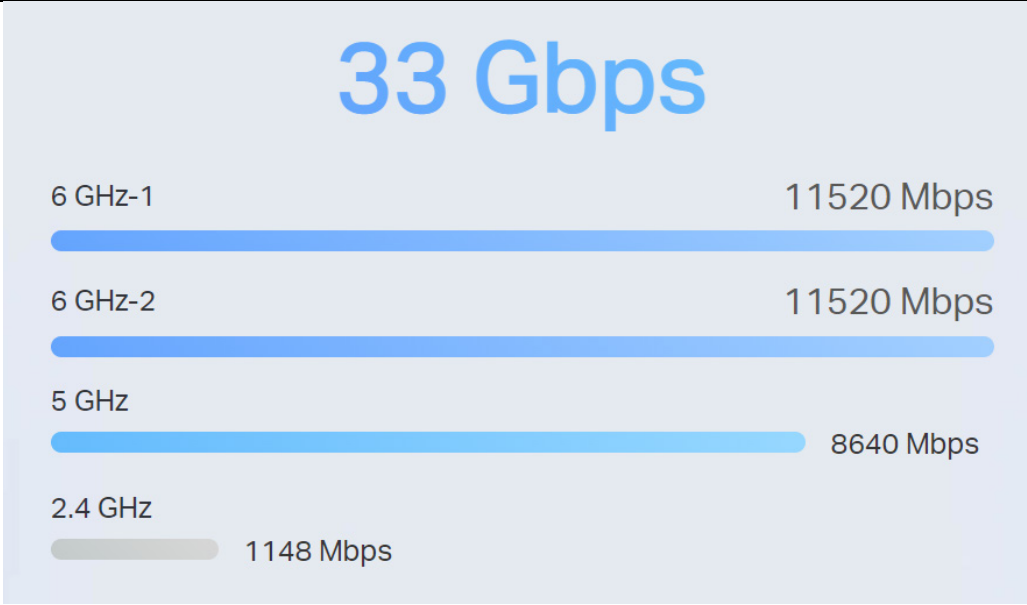
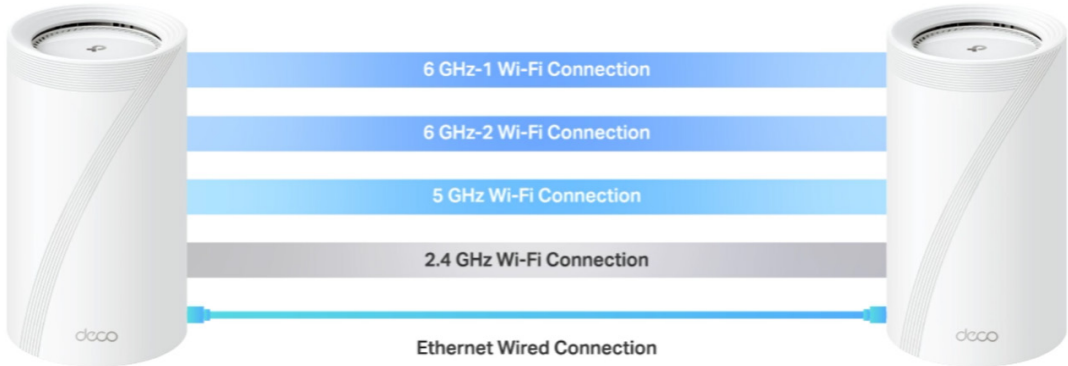
EXHIBIT 20

Infringement Claim Chart for Claims of U.S. Patent No. 7,936,714 Based on TP-Link Deco Products

Netgear contends that at least the following claims of U.S. Patent No. 7,936,714 (the “’714 patent”) identified below are infringed by the ’714 Accused TP-Link Products, which include TP-Link Dual-Band Products, TP-Link Tri-Band Products, TP-Link Quad-Band Products, TP-Link Penta-Band Products, and TP-Link WiFi 7 Products (collectively the “’714 Accused TP-Link Products” herein). The Accused Dual-Band Products, TP-Link Tri-Band Products, TP-Link Quad-Band Products, and TP-Link Penta-Band Products, include, but are not limited to, the Deco BE65, Deco BE85, Deco BE95, Deco E3, Deco M3W, Deco M4, Deco M5, Deco M9 Plus, Deco PX50, Deco P9, Deco W2400, Deco W3600, Deco W6000, Deco W7200, Deco X20, Deco XE200, Deco XE75, Deco XE75 Pro, Deco XE5300, Deco X60, Deco X25, Deco X80-5G, Deco X90, Deco X5700, Deco X68, Deco X5400 Pro, Deco X4300 Pro, Deco X3600, Deco X50-Outdoor, Deco X50-PoE, Deco X55, Deco S4, Archer A20, Archer A54, Archer A6, Archer A7, Archer A8, Archer A9, Archer AX10, Archer X10000, Archer AX11000, Archer AX1500, Archer AX21, Archer AX3000, Archer AX3000 Pro, Archer AX3200, Archer AX4400, Archer AX50, Archer AX55, Archer AX73, Archer AX75, Archer AX80, Archer AX90, Archer AXE300, Archer AXE75, Archer AXE95, Archer BE550, Archer BE800, Archer C20, Archer C2300, Archer C4000, Archer C50, Archer C54, Archer C5400X, Archer C59, Archer C6, Archer C7, Archer C8, Archer C80, Archer C90, Archer GE800, Archer GX90, Archer BE900, Omada EAP670, Omada EAP660, Omada EAP653, Omada EAP 650, Omada EAP 620, Omada EAP615, Omada EAP610, Omada EAP265, Omada EAP245, Omada EAP235, Omada EAP225, Omada EAP115, and TL-WR902AC (collectively the “Accused TP-Link Multi-Band Products” herein). The Accused TP-Link WiFi 7 Products include, but are not limited to, TP-Link Deco BE65, Deco BE85, and Deco BE95, and the TP-Link Archer BE900, Archer BE800, Archer GE800, and Archer BE550 (collectively the “Accused TP-Link WiFi 7 Products” herein). It should be understood that Netgear’s contentions are not limited to these products but instead encompass any and all reasonably similar products and components that infringe in the same or similar manner as discussed below.

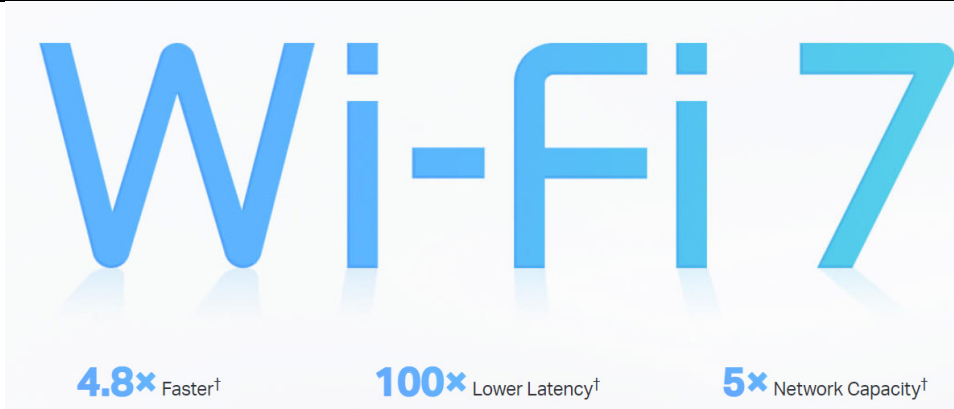
Claim Language	Representative TP-Link Products ¹
1[pre]. A method for increasing capacity of a wireless data communication system, said method comprising the steps of:	To the extent the preamble is limiting, the Accused TP-Link WiFi 7 Products perform a method for increasing capacity of a wireless data communication system. For example: The Accused TP-Link WiFi 7 Products, such as the TP-Link Deco BE95, increase the capacity of communication in a Wi-Fi network by simultaneously using multiple bands and frequencies. For example, the TP-Link Deco BE95 can transmit and receive on a 2.4 GHz band, 5GHz band, and 6GHz to increase the capacity of wireless data communications over a Wi-Fi network.

¹ This analysis is preliminary, and Netgear's investigation is ongoing. Netgear reserves the right to amend or supplement these charts after further investigation and discovery, claim construction, or other meriting circumstances. Such supplemental information may include, but is not limited to, source code, data sheets, design specifications, deposition testimony, testing information, reference designs implementation and utilization information, and/or schematics.

Claim Language	Representative TP-Link Products ¹										
	 33 Gbps <table border="1"> <thead> <tr> <th>Band</th> <th>Speed (Mbps)</th> </tr> </thead> <tbody> <tr> <td>6 GHz-1</td> <td>11520</td> </tr> <tr> <td>6 GHz-2</td> <td>11520</td> </tr> <tr> <td>5 GHz</td> <td>8640</td> </tr> <tr> <td>2.4 GHz</td> <td>1148</td> </tr> </tbody> </table> Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).  The diagram illustrates the connection types between two Deco units. The connections are as follows: 6 GHz-1 Wi-Fi Connection 6 GHz-2 Wi-Fi Connection 5 GHz Wi-Fi Connection 2.4 GHz Wi-Fi Connection - Ethernet Wired Connection	Band	Speed (Mbps)	6 GHz-1	11520	6 GHz-2	11520	5 GHz	8640	2.4 GHz	1148
Band	Speed (Mbps)										
6 GHz-1	11520										
6 GHz-2	11520										
5 GHz	8640										
2.4 GHz	1148										

Claim Language	Representative TP-Link Products ¹
	Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/be95/). product-family/deco- • 16-Stream 33 Gbps Quad-Band WiFi – 11520 Mbps (6 GHz-1) + 11520 Mbps (6 GHz-2) + 8640 Mbps (5 GHz) + 1148 Mbps (2.4 GHz).[†] • Multi-Gig 10 Gbps Network – 1× 10 Gbps Ethernet/Fiber Combo WAN/LAN port + 1× 10 Gbps WAN/LAN port + 2× 2.5 Gbps ports ensure max flexibility and boosted throughput.[§] • Multi-Link Operation (MLO) – Simultaneously send and receive data across different bands and channels to increase throughput, reduce latency, and improve reliability.^Δ Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

Claim Language	Representative TP-Link Products ¹
	 The screenshot displays the product page for the TP-Link Deco BE95. At the top, it features the 'Wi-Fi 7' logo in large blue letters, with 'Quad-Band WiFi 7' and 'Speeds up to 33 Gbps' written below it. The main content area is divided into several sections: 'The Ultimate 10G Connectivity, Fiber and Ethernet' (showing a network switch), 'Connect Over 200 Devices' (showing a circular diagram of connected devices), 'Up to 320 MHz Bandwidth' (showing a frequency spectrum diagram), and 'A True Whole Home Multi-Gigabit Mesh WiFi' (showing a house diagram). At the bottom, there are four icons representing key features: 'Seamless AI Roaming', 'TP-Link HomeShield', 'Multi-Link Operation', and '4K-QAM'. Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

Claim Language	Representative TP-Link Products ¹
	 Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).
1[a] receiving, at a subscriber station, data on a first frequency in a frequency band expected to experience low interference;	The Accused TP-Link WiFi 7 Products perform a method for increasing capacity of a wireless data communication system comprising receiving, at a subscriber station, data on a first frequency in a frequency band expected to experience low interference. For example: The Accused TP-Link WiFi 7 Products can connect and transmit data to user devices over multiple bands that can be expected to experience low interference. For example, the TP-Link Deco BE95 allow a connected user device to receive data from the TP-Link Deco BE95 over 2.4GHz, 5GHz, or 6GHz frequency bands by transmitting data over each of those bands.

Claim Language	Representative TP-Link Products ¹										
	The graphic displays the aggregate speed of 33 Gbps at the top. Below it, four horizontal bars represent the individual band speeds: 6 GHz-1 (11520 Mbps), 6 GHz-2 (11520 Mbps), 5 GHz (8640 Mbps), and 2.4 GHz (1148 Mbps). The bars for 6 GHz-1 and 6 GHz-2 are the longest, followed by 5 GHz, and then 2.4 GHz. <table border="1"> <thead> <tr> <th>Band</th> <th>Speed (Mbps)</th> </tr> </thead> <tbody> <tr> <td>6 GHz-1</td> <td>11520</td> </tr> <tr> <td>6 GHz-2</td> <td>11520</td> </tr> <tr> <td>5 GHz</td> <td>8640</td> </tr> <tr> <td>2.4 GHz</td> <td>1148</td> </tr> </tbody> </table> Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).	Band	Speed (Mbps)	6 GHz-1	11520	6 GHz-2	11520	5 GHz	8640	2.4 GHz	1148
Band	Speed (Mbps)										
6 GHz-1	11520										
6 GHz-2	11520										
5 GHz	8640										
2.4 GHz	1148										

Claim Language	Representative TP-Link Products ¹
	• 16-Stream 33 Gbps Quad-Band WiFi – 11520 Mbps (6 GHz-1) + 11520 Mbps (6 GHz-2) + 8640 Mbps (5 GHz) + 1148 Mbps (2.4 GHz).[†] • Multi-Gig 10 Gbps Network – 1× 10 Gbps Ethernet/Fiber Combo WAN/LAN port + 1× 10 Gbps WAN/LAN port + 2× 2.5 Gbps ports ensure max flexibility and boosted throughput.[§] • Multi-Link Operation (MLO) – Simultaneously send and receive data across different bands and channels to increase throughput, reduce latency, and improve reliability.^Δ Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

Claim Language	Representative TP-Link Products ¹
	 The screenshot displays the product page for the TP-Link Deco BE95. At the top, it features the 'Wi-Fi 7' logo in large blue letters, with 'Quad-Band WiFi 7' and 'Speeds up to 33 Gbps' written below it. The main content area is divided into several sections: 'The Ultimate 10G Connectivity, Fiber and Ethernet' (showing a wall of ports), 'Connect Over 200 Devices' (a circular diagram), 'Up to 320 MHz Bandwidth' (a frequency spectrum diagram), and 'A True Whole Home Multi-Gigabit Mesh WiFi' (a house diagram). At the bottom, four icons represent key features: 'Seamless AI Roaming', 'TP-Link HomeShield', 'Multi-Link Operation', and '4K-QAM'. Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

Claim Language	Representative TP-Link Products ¹		
	The image shows the 'Wi-Fi 7' logo in large blue letters. Below the logo, there are three performance claims: '4.8x Faster†', '100x Lower Latency†', and '5x Network Capacity†'. Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/). <table border="0"> <tr> <td data-bbox="690 898 879 935">WiFi Speeds</td> <td data-bbox="1272 797 1764 1040"> BE33000 6 GHz-1: 11520 Mbps (802.11be) 6 GHz-2: 11520 Mbps (802.11be) 5 GHz: 8640 Mbps (802.11be) 2.4 GHz: 1148 Mbps (802.11ax) </td> </tr> </table> Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).	WiFi Speeds	BE33000 6 GHz-1: 11520 Mbps (802.11be) 6 GHz-2: 11520 Mbps (802.11be) 5 GHz: 8640 Mbps (802.11be) 2.4 GHz: 1148 Mbps (802.11ax)
WiFi Speeds	BE33000 6 GHz-1: 11520 Mbps (802.11be) 6 GHz-2: 11520 Mbps (802.11be) 5 GHz: 8640 Mbps (802.11be) 2.4 GHz: 1148 Mbps (802.11ax)		

Claim Language	Representative TP-Link Products ¹
	Advanced Functions • Multi-Link Operation (MLO) • 320 MHz Channel • 4K-QAM • Multi-RUs • Works with Alexa and Google Assistant • IoT Network Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).
1[b] transmitting, at said subscriber station, data on a second frequency in a frequency band expected to experience high interference, wherein said low interference frequency band and said high interference frequency are separated by at least one octave; and	The Accused TP-Link WiFi 7 Products perform a method for increasing capacity of a wireless data communication system comprising transmitting, at said subscriber station, data on a second frequency in a frequency band expected to experience high interference, wherein said low interference frequency band and said high interference frequency are separated by at least one octave. For example: The Accused TP-Link WiFi 7 Products can connect to and receive data from user devices over multiple bands that can be expected to experience high interference. For example, the TP-Link Deco BE95 allow a connected user device to transmit data to the TP-Link Deco BE95 over 2.4GHz, 5GHz, or 6GHz frequency bands by receiving data over each of those bands. The 2.4GHz band and the 5GHz or 6GHz bands are separated by at least one octave, as the interval between two frequency bands has a ratio of two-to-one.

Claim Language	Representative TP-Link Products ¹												
	<table border="1"> <thead> <tr> <th>Frequency Band</th> <th>Speed (Mbps)</th> </tr> </thead> <tbody> <tr> <td>6 GHz-1</td> <td>11520</td> </tr> <tr> <td>6 GHz-2</td> <td>11520</td> </tr> <tr> <td>5 GHz</td> <td>8640</td> </tr> <tr> <td>2.4 GHz</td> <td>1148</td> </tr> <tr> <td>Total</td> <td>33 Gbps</td> </tr> </tbody> </table> Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).	Frequency Band	Speed (Mbps)	6 GHz-1	11520	6 GHz-2	11520	5 GHz	8640	2.4 GHz	1148	Total	33 Gbps
Frequency Band	Speed (Mbps)												
6 GHz-1	11520												
6 GHz-2	11520												
5 GHz	8640												
2.4 GHz	1148												
Total	33 Gbps												

Claim Language	Representative TP-Link Products ¹
	• 16-Stream 33 Gbps Quad-Band WiFi – 11520 Mbps (6 GHz-1) + 11520 Mbps (6 GHz-2) + 8640 Mbps (5 GHz) + 1148 Mbps (2.4 GHz).[†] • Multi-Gig 10 Gbps Network – 1× 10 Gbps Ethernet/Fiber Combo WAN/LAN port + 1× 10 Gbps WAN/LAN port + 2× 2.5 Gbps ports ensure max flexibility and boosted throughput.[§] • Multi-Link Operation (MLO) – Simultaneously send and receive data across different bands and channels to increase throughput, reduce latency, and improve reliability.^Δ Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

Claim Language	Representative TP-Link Products ¹
	 The screenshot displays the TP-Link Deco BE95 product page. At the top, it features the 'Wi-Fi 7' logo in large blue letters, with 'Quad-Band WiFi 7' and 'Speeds up to 33 Gbps' written below it. The main content area is divided into several sections: 'The Ultimate 10G Connectivity, Fiber and Ethernet' (showing a router with fiber ports), 'Connect Over 200 Devices' (showing a circular diagram of connected devices), 'Up to 320 MHz Bandwidth' (showing a frequency spectrum diagram), and 'A True Whole Home Multi-Gigabit Mesh WiFi' (showing a house diagram). At the bottom, there are four icons representing key features: 'Seamless AI Roaming', 'TP-Link HomeShield', 'Multi-Link Operation', and '4K-QAM'. Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

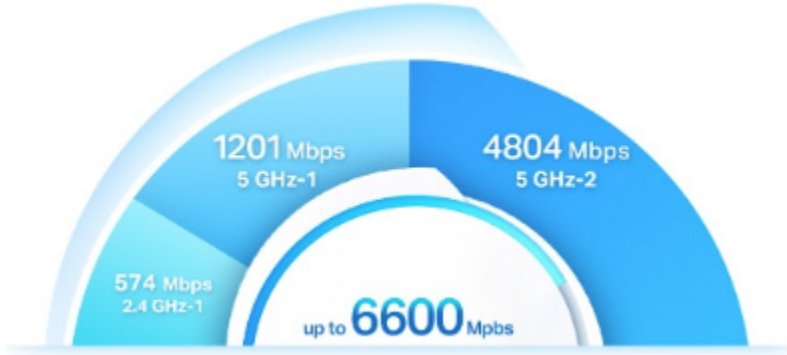
Claim Language	Representative TP-Link Products ¹		
	The image shows the 'Wi-Fi 7' logo in large blue letters. Below the logo, there are three performance claims: '4.8x Faster†', '100x Lower Latency†', and '5x Network Capacity†'. Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/). <table border="0"> <tr> <td data-bbox="688 899 879 935">WiFi Speeds</td> <td data-bbox="1272 797 1764 1040"> BE33000 6 GHz-1: 11520 Mbps (802.11be) 6 GHz-2: 11520 Mbps (802.11be) 5 GHz: 8640 Mbps (802.11be) 2.4 GHz: 1148 Mbps (802.11ax) </td> </tr> </table> Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).	WiFi Speeds	BE33000 6 GHz-1: 11520 Mbps (802.11be) 6 GHz-2: 11520 Mbps (802.11be) 5 GHz: 8640 Mbps (802.11be) 2.4 GHz: 1148 Mbps (802.11ax)
WiFi Speeds	BE33000 6 GHz-1: 11520 Mbps (802.11be) 6 GHz-2: 11520 Mbps (802.11be) 5 GHz: 8640 Mbps (802.11be) 2.4 GHz: 1148 Mbps (802.11ax)		

Claim Language	Representative TP-Link Products ¹
	Advanced Functions • Multi-Link Operation (MLO) • 320 MHz Channel • 4K-QAM • Multi-RUs • Works with Alexa and Google Assistant • IoT Network Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).
1[c] wherein at least a portion of said receiving and at least a portion of said transmitting occur at the same time.	The Accused TP-Link WiFi 7 Products perform a method for increasing capacity of a wireless data communication system wherein at least a portion of the receiving data on a first frequency in a frequency band and at least a portion of the transmitting data on a second frequency in a frequency band occur at the same time. For example: The Accused TP-Link WiFi 7 Products allow a connected user device to transmit and receive data on both the first and second frequency band at the same time. For example, the TP-Link Deco BE95, using Multi-Link Operation, can transmit data to and receive data from user devices over both the 2.4GHz band and the 5GHz or 6GHz bands, or a combination of all three. As explained on TP-Link’s website, using Multi-Link Operation, the Accused TP-Link WiFi 7 Products, such as the TP-Link Deco BE95, enables devices to receive and transmit data using “the 2.4 GHz, 5 GHz, and 6 GHz bands simultaneously increase[ing] throughput, reduces latency, and improves reliability.” Multi-Link Operation (MLO) solves this dilemma. It enables devices to simultaneously send and receive data across different frequency bands and channels. With MLO, WiFi 7 supports establishing multiple links between the Station (STA, such as your phone) and WiFi access point (AP, such as your router). Connecting to the 2.4 GHz, 5 GHz, and 6 GHz bands simultaneously increases throughput, reduces latency, and improves reliability. It is ideal for emerging applications like VR/AR, online gaming, remote office, and cloud computing.

Claim Language	Representative TP-Link Products ¹
	The diagram illustrates the difference in frequency band usage between Wi-Fi 6 and Wi-Fi 7. On the left, under 'Wi-Fi 6', a smartphone icon is shown with two horizontal bars representing frequency bands: one labeled '5 GHz' and another labeled '2.4 GHz', with the word 'Or' between them, indicating a single-band connection. On the right, under 'Wi-Fi 7', a smartphone icon is shown with three horizontal bars representing frequency bands: '5 GHz', '2.4 GHz', and '6 GHz', indicating simultaneous multi-band operation. Exhibit 46 (https://www.tp-link.com/us/blog/1067/what-is-wifi-7-s-multi-link-operation-mlo/). How Can I Use MLO? The STA and AP both need to support WiFi 7 and MLO. Notice that the 6 GHz band is not required for MLO. Some WiFi 7 routers may only support one 2.4 GHz band and one or two 5 GHz bands. MLO enables your devices to connect to all the WiFi bands at the same time. Exhibit 46 (https://www.tp-link.com/us/blog/1067/what-is-wifi-7-s-multi-link-operation-mlo/). 1. Operating Mode WiFi 7 MLO mainly includes two modes: STR Mode and NSTR Mode. (1) STR Mode (Simultaneous Transmit and Receive Operation) STR Mode refers to simultaneous transceiver mode or asynchronous mode. That is, two or more links work completely independently, and they don't interfere with each other. MLD is transmitting data on Link 1 while receiving data on Link 2 The diagram shows two horizontal timelines for two links. 'Link 1' is represented by a line with a hatched start, followed by a yellow bar, then an orange bar labeled 'DL' (Downstream), and another orange bar labeled 'DL'. 'Link 2' is represented by a line that remains flat until the start of the first 'DL' bar on Link 1, then has a blue bar labeled 'UL' (Upstream) that ends when the first 'DL' bar on Link 1 ends.

Claim Language	Representative TP-Link Products ¹
	Exhibit 46 (https://www.tp-link.com/us/blog/1067/what-is-wifi-7-s-multi-link-operation-mlo-/). • 16-Stream 33 Gbps Quad-Band WiFi – 11520 Mbps (6 GHz-1) + 11520 Mbps (6 GHz-2) + 8640 Mbps (5 GHz) + 1148 Mbps (2.4 GHz).[†] • Multi-Gig 10 Gbps Network – 1× 10 Gbps Ethernet/Fiber Combo WAN/LAN port + 1× 10 Gbps WAN/LAN port + 2× 2.5 Gbps ports ensure max flexibility and boosted throughput.[§] • Multi-Link Operation (MLO) – Simultaneously send and receive data across different bands and channels to increase throughput, reduce latency, and improve reliability.^Δ Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

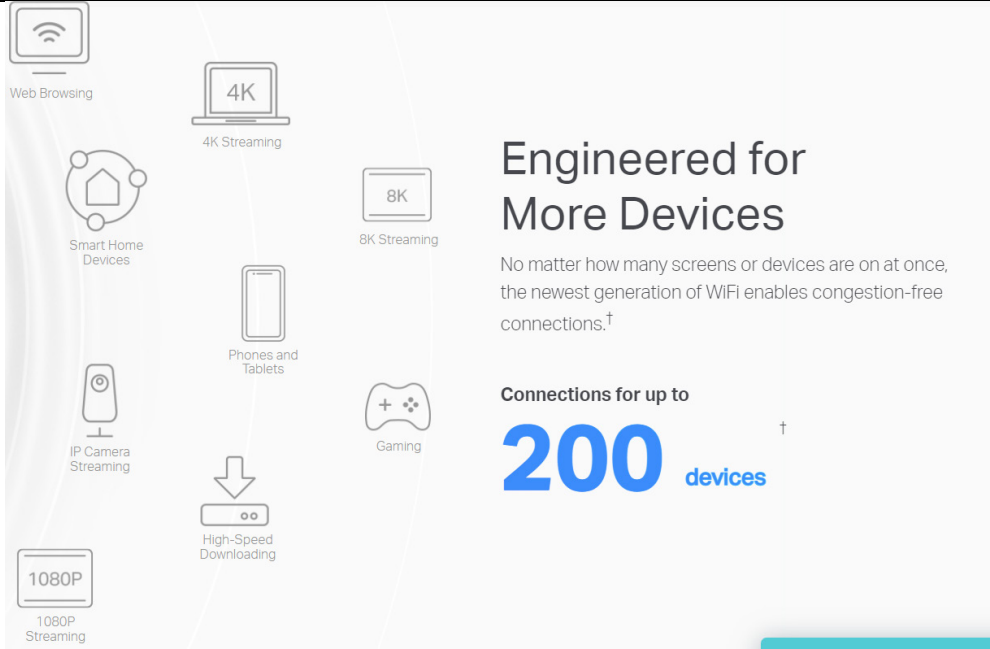
Claim Language	Representative TP-Link Products ¹
	 The screenshot displays the TP-Link Deco BE95 product page. At the top, it features the 'Wi-Fi 7' logo in large blue letters, with 'Quad-Band WiFi 7' and 'Speeds up to 33 Gbps' written below it. The main content area is divided into several sections: 'The Ultimate 10G Connectivity, Fiber and Ethernet' (showing a router with ports), 'Connect Over 200 Devices' (showing a circular diagram of connected devices), 'Up to 320 MHz Bandwidth' (showing a frequency spectrum diagram), and 'A True Whole Home Multi-Gigabit Mesh WiFi' (showing a house diagram). At the bottom, there are four icons representing features: 'Seamless AI Roaming', 'TP-Link HomeShield', 'Multi-Link Operation', and '4K-QAM'. Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

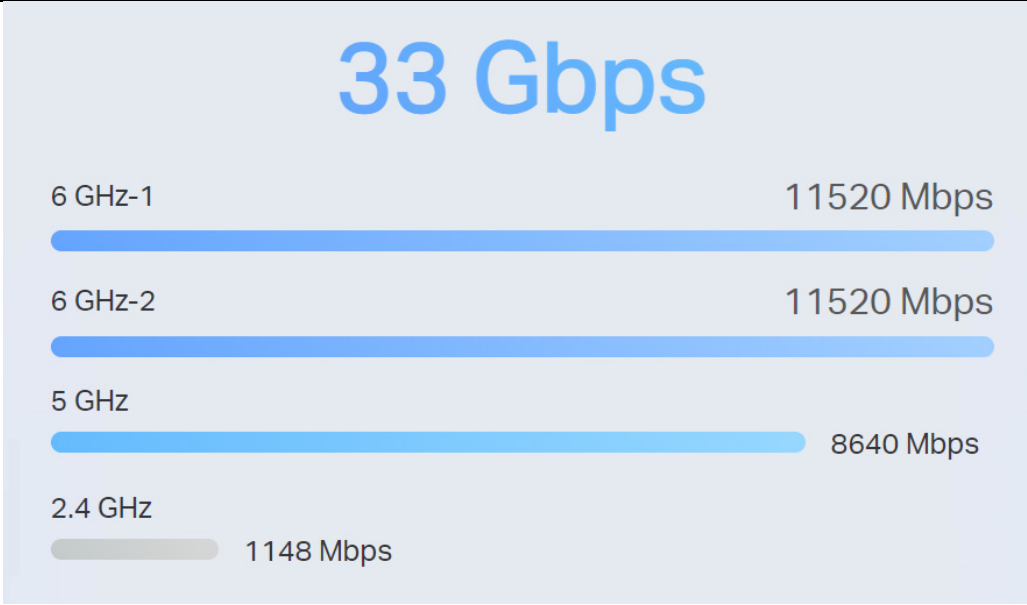
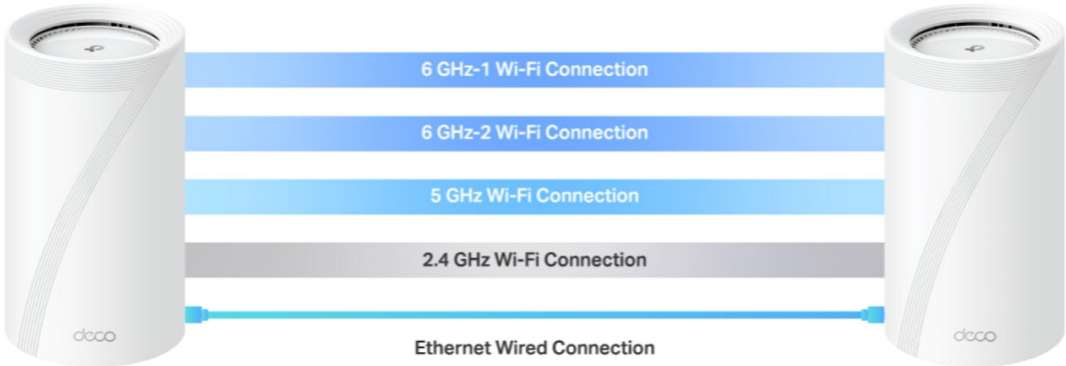
Claim Language	Representative TP-Link Products ¹
	Advanced Functions • Multi-Link Operation (MLO) • 320 MHz Channel • 4K-QAM • Multi-RUs • Works with Alexa and Google Assistant • IoT Network Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).
13[pre]. A method for increasing capacity of a wireless data communication system, said method comprising the steps of:	To the extent the preamble is limiting, the '714 Accused TP-Link Products perform a method for increasing capacity of a wireless data communication system. For example: The Accused TP-Link Multi-Band Products increase the capacity of communication in a Wi-Fi network by simultaneously using multiple bands and frequencies. For example, the TP-Link Deco X90 can transmit and receive on a 2.4 GHz band and a 5GHz band, to increase the capacity of wireless data communications over a Wi-Fi network. 

Claim Language	Representative TP-Link Products ¹
	Exhibit 47 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-x90/). Engineered for More Devices Deco products are aimed to dramatically improve capacity and efficiency in traffic-dense environments. No matter how many screens or devices are on at once, everyone is able to enjoy a more efficient network that loads faster without dragging down performance. Exhibit 47 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-x90/).  Exhibit 47 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-x90/).

Claim Language	Representative TP-Link Products ¹
	Similarly, the TP-Link Deco XE75 can transmit and receive on a 2.4 GHz band, 5GHz band, and 6GHz to increase the capacity of wireless data communications over a Wi-Fi network. Brand-New 6 GHz Band – Experience the latest frequency of WiFi, eliminating interference from all legacy devices. The 6 GHz band also delivers a powerful dedicated backhaul to further streamline the WiFi performance of non-6E devices True Tri-Band Speed – All three WiFi bands work together to unleash your network’s total speeds up to 5,400 Mbps for 200 devices Exhibit 48 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview).  The image is a promotional graphic for the TP-Link Deco XE75. It features three white, cylindrical mesh routers arranged in a cluster. To the left of the routers, the text reads: 'DecoXE75 Wi-Fi 6E', 'Embrace the Power of WiFi 6E', and 'AXE5400 Tri-Band Mesh WiFi 6E System(2-Pack)'. To the right of the routers, there is a blue vertical bar with three horizontal segments labeled '6 GHz', '5 GHz', and '2.4 GHz' from top to bottom, representing the tri-band capability. The routers have a small 'deco 6E' logo at the bottom. Exhibit 48 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview).

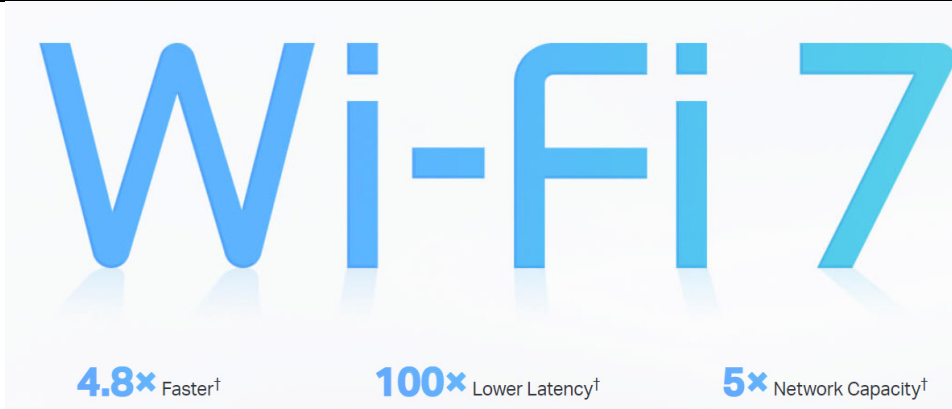
Claim Language	Representative TP-Link Products ¹
	 The Power of WiFi 6E WiFi 6E more than doubles the available spectrum, meaning no more competition over the airwaves.^Δ 6 GHz 5 GHz 2.4 GHz Exhibit 48 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview).

Claim Language	Representative TP-Link Products ¹
	 The image shows a promotional graphic for the TP-Link Deco XE75. It features a central vertical line with icons and labels for various use cases: Web Browsing (laptop with Wi-Fi), 4K Streaming (laptop with 4K), Smart Home Devices (house with nodes), IP Camera Streaming (camera), 1080P Streaming (laptop with 1080P), 4K Streaming (laptop with 4K), Phones and Tablets (phone), 8K Streaming (laptop with 8K), High-Speed Downloading (download arrow), and Gaming (game controller). To the right, the text reads 'Engineered for More Devices' followed by 'No matter how many screens or devices are on at once, the newest generation of WiFi enables congestion-free connections.[†]'. Below this, it says 'Connections for up to' followed by a large '200' and 'devices' with a small '†' superscript. Exhibit 48 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview). Likewise, the TP-Link Deco BE95 can transmit and receive on a 2.4 GHz band, 5GHz band, and 6GHz to increase the capacity of wireless data communications over a Wi-Fi network.

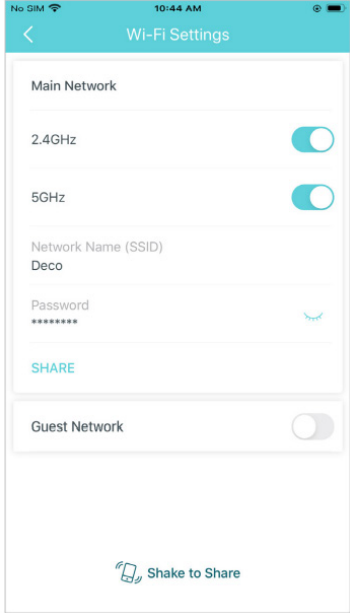
Claim Language	Representative TP-Link Products ¹										
	 <table border="1"> <thead> <tr> <th>Frequency</th> <th>Speed (Mbps)</th> </tr> </thead> <tbody> <tr> <td>6 GHz-1</td> <td>11520</td> </tr> <tr> <td>6 GHz-2</td> <td>11520</td> </tr> <tr> <td>5 GHz</td> <td>8640</td> </tr> <tr> <td>2.4 GHz</td> <td>1148</td> </tr> </tbody> </table> Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/). 	Frequency	Speed (Mbps)	6 GHz-1	11520	6 GHz-2	11520	5 GHz	8640	2.4 GHz	1148
Frequency	Speed (Mbps)										
6 GHz-1	11520										
6 GHz-2	11520										
5 GHz	8640										
2.4 GHz	1148										

Claim Language	Representative TP-Link Products ¹
	Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/). • 16-Stream 33 Gbps Quad-Band WiFi – 11520 Mbps (6 GHz-1) + 11520 Mbps (6 GHz-2) + 8640 Mbps (5 GHz) + 1148 Mbps (2.4 GHz).[†] • Multi-Gig 10 Gbps Network – 1× 10 Gbps Ethernet/Fiber Combo WAN/LAN port + 1× 10 Gbps WAN/LAN port + 2× 2.5 Gbps ports ensure max flexibility and boosted throughput.[§] • Multi-Link Operation (MLO) – Simultaneously send and receive data across different bands and channels to increase throughput, reduce latency, and improve reliability.^Δ Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

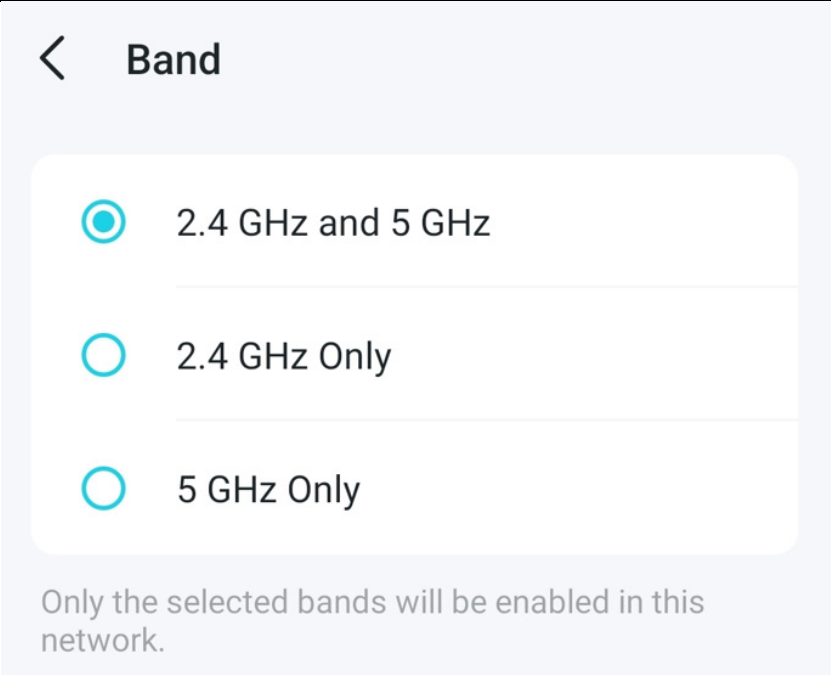
Claim Language	Representative TP-Link Products ¹
	 The screenshot displays the product page for the TP-Link Deco BE95. At the top, it features the 'Wi-Fi 7' logo in large blue letters, with 'Quad-Band WiFi 7' and 'Speeds up to 33 Gbps' written below it. The main content area is divided into several sections: 'The Ultimate 10G Connectivity, Fiber and Ethernet' (showing a network switch), 'Connect Over 200 Devices' (showing a circular diagram of connected devices), 'Up to 320 MHz Bandwidth' (showing a frequency spectrum diagram), and 'A True Whole Home Multi-Gigabit Mesh WiFi' (showing a house diagram). At the bottom, there are four icons representing key features: 'Seamless AI Roaming', 'TP-Link HomeShield', 'Multi-Link Operation', and '4K-QAM'. Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

Claim Language	Representative TP-Link Products ¹
	 Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).
13[a] transmitting, at a base station, data on a first frequency in a frequency band expected to experience low interference;	The '714 Accused TP-Link Products perform a method for increasing capacity of a wireless data communication system comprising transmitting, at a base station, data on a first frequency in a frequency band expected to experience low interference. For example: The Accused TP-Link Multi-Band Products can connect and transmit data to user devices over multiple bands that can be expected to experience low interference. For example, the TP-Link Deco X90 transmits data to connected user devices and other Accused TP-Link Multi-Band Products over 2.4GHz and 5GHz frequency bands.

Claim Language	Representative TP-Link Products ¹
	Exhibit 47 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-x90/). Wireless • Wireless Standards: IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11b/g/n/ax 2.4 GHz • Mesh protocol: 802.11k/v/r • Frequency: 2.4 GHz and 5 GHz • Signal Rate: 4804 Mbps on 5 GHz (1) + 1201 Mbps on 5 GHz (2) + 574 Mbps on 2.4 GHz[†] • Transmit Power: FCC: <30 dBm(2.4 GHz), <30 dBm(5 GHz) CE: <20 dBm (2.4 GHz), <30 dBm (5 GHz) • Wireless Security: WPA/WPA2-PSK/WPA3 encryptions Exhibit 49 [TP-Link Deco X90 Datasheet] at 4 (https://static.tp-link.com/2020/202010/20201021/Deco%20X90%201.0_Datasheet.pdf).

Claim Language	Representative TP-Link Products ¹
	 Exhibit 50 [TP-Link Deco X90 Manual] at 17 (https://static.tp-link.com/2020/202011/20201126/1910012843_Deco%20X90&Deco%20X5700_UG_V1.pdf).

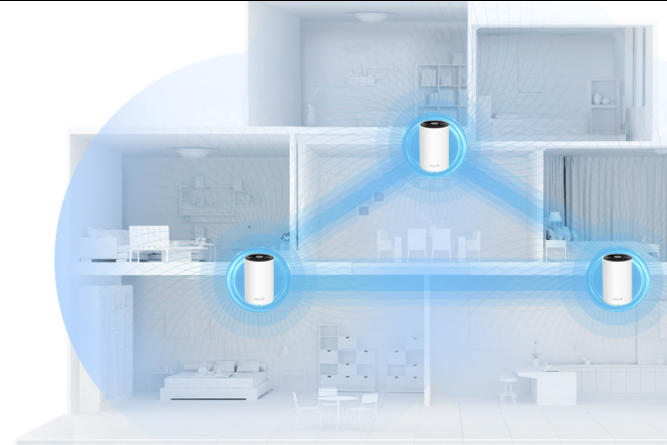
Claim Language	Representative TP-Link Products ¹
	 The diagram illustrates a TP-Link Deco mesh Wi-Fi system in a home environment. Two white Deco units, labeled 'smart antennas', are shown in different rooms. A thick blue line connects them, labeled 'stronger backhaul', indicating the mesh network's capability to provide a robust connection between nodes. The background shows a modern living space with furniture and other smart devices, all connected to the network. Exhibit 47 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-x90/).

Claim Language	Representative TP-Link Products ¹
	 Operation of TP-Link Deco App. Similarly, the TP-Link Deco XE75 transmits data to connected user devices and other Accused TP-Link Multi-Band Products over 2.4GHz, 5GHz, and 6GHz frequency bands. Brand-New 6 GHz Band – Experience the latest frequency of WiFi, eliminating interference from all legacy devices. The 6 GHz band also delivers a powerful dedicated backhaul to further streamline the WiFi performance of non-6E devices True Tri-Band Speed – All three WiFi bands work together to unleash your network’s total speeds up to 5,400 Mbps for 200 devices

Claim Language	Representative TP-Link Products ¹
	Exhibit 48 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview).  Exhibit 48 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview). 

Claim Language	Representative TP-Link Products ¹
	Exhibit 48 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview). Wireless · Wireless Standards: IEEE 802.11b/g/n/ax 2.4 GHz, IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11ax 6 GHz · Mesh protocol: 802.11k/v/r · Frequency: 2.4 GHz, 5 GHz and 6 GHz · Signal Rate: 2402 Mbps on 6 GHz + 2402 Mbps on 5 GHz+ 574 Mbps on 2.4 GHz[†] · Transmit Power: FCC: <30 dBm(2.4 GHz), <30 dBm(5 GHz), <30 dBm(6 GHz) - CE: <20 dBm (2.4 GHz), <23 dBm (5 GHz), <23 dBm (6 GHz) · Wireless Security: WPA/WPA2-PSK/WPA3 encryptions Exhibit 51 [TP-Link Deco XE75 Datasheet] at 4 (https://static.tp-link.com/upload/product-overview/2022/202211/20221104/Deco%20XE75(EU&US)_2.0.pdf).

Claim Language	Representative TP-Link Products ¹
	Exhibit 52 [TP-Link Deco XE75 Manual] at 31 (https://static.tp-link.com/upload/manual/2022/202210/20221013/1910013233_Deco%20XE75_User%20Guide_REV2.0.0.pdf).

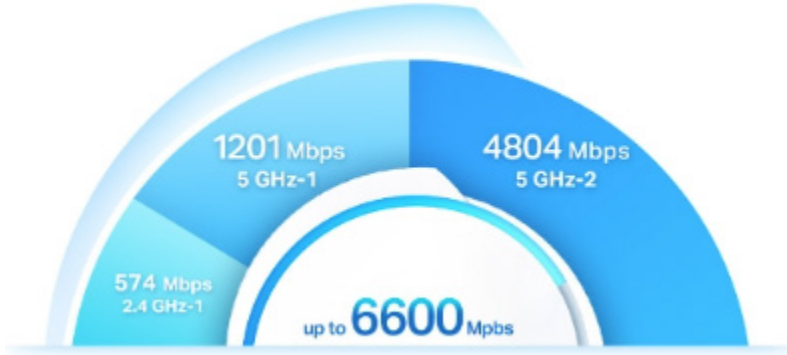
Claim Language	Representative TP-Link Products ¹
	Whole-Home Coverage Eliminate weak signal areas with the tri-band mesh WiFi. Three units work together to provide coverage up to 7,200 sq. ft. Up to 7,200 [†] ft²  Exhibit 48 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview). Likewise, the TP-Link Deco BE95 transmits data to connected user devices and other Accused TP-Link Multi-Band Products over 2.4GHz, 5GHz, and 6GHz frequency bands.

Claim Language	Representative TP-Link Products ¹												
	<table border="1"> <thead> <tr> <th>Frequency Band</th> <th>Speed (Mbps)</th> </tr> </thead> <tbody> <tr> <td>6 GHz-1</td> <td>11520</td> </tr> <tr> <td>6 GHz-2</td> <td>11520</td> </tr> <tr> <td>5 GHz</td> <td>8640</td> </tr> <tr> <td>2.4 GHz</td> <td>1148</td> </tr> <tr> <td>Total</td> <td>33 Gbps</td> </tr> </tbody> </table> Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).	Frequency Band	Speed (Mbps)	6 GHz-1	11520	6 GHz-2	11520	5 GHz	8640	2.4 GHz	1148	Total	33 Gbps
Frequency Band	Speed (Mbps)												
6 GHz-1	11520												
6 GHz-2	11520												
5 GHz	8640												
2.4 GHz	1148												
Total	33 Gbps												

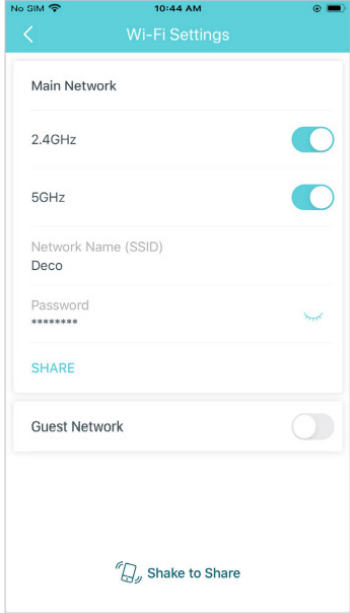
Claim Language	Representative TP-Link Products ¹
	• 16-Stream 33 Gbps Quad-Band WiFi – 11520 Mbps (6 GHz-1) + 11520 Mbps (6 GHz-2) + 8640 Mbps (5 GHz) + 1148 Mbps (2.4 GHz).[†] • Multi-Gig 10 Gbps Network – 1× 10 Gbps Ethernet/Fiber Combo WAN/LAN port + 1× 10 Gbps WAN/LAN port + 2× 2.5 Gbps ports ensure max flexibility and boosted throughput.[§] • Multi-Link Operation (MLO) – Simultaneously send and receive data across different bands and channels to increase throughput, reduce latency, and improve reliability.^Δ Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

Claim Language	Representative TP-Link Products ¹
	 The screenshot displays the TP-Link Deco BE95 product page. At the top, it features the 'Wi-Fi 7' logo in large blue letters, with 'Quad-Band WiFi 7' and 'Speeds up to 33 Gbps' written below it. The main content area is divided into several sections: 'The Ultimate 10G Connectivity, Fiber and Ethernet' (showing a router and cables), 'Connect Over 200 Devices' (showing a circular diagram of connected devices), 'Up to 320 MHz Bandwidth' (showing a frequency spectrum diagram), and 'A True Whole Home Multi-Gigabit Mesh WiFi' (showing a house diagram). At the bottom, there are four icons representing key features: 'Seamless AI Roaming', 'TP-Link HomeShield', 'Multi-Link Operation', and '4K-QAM'. Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

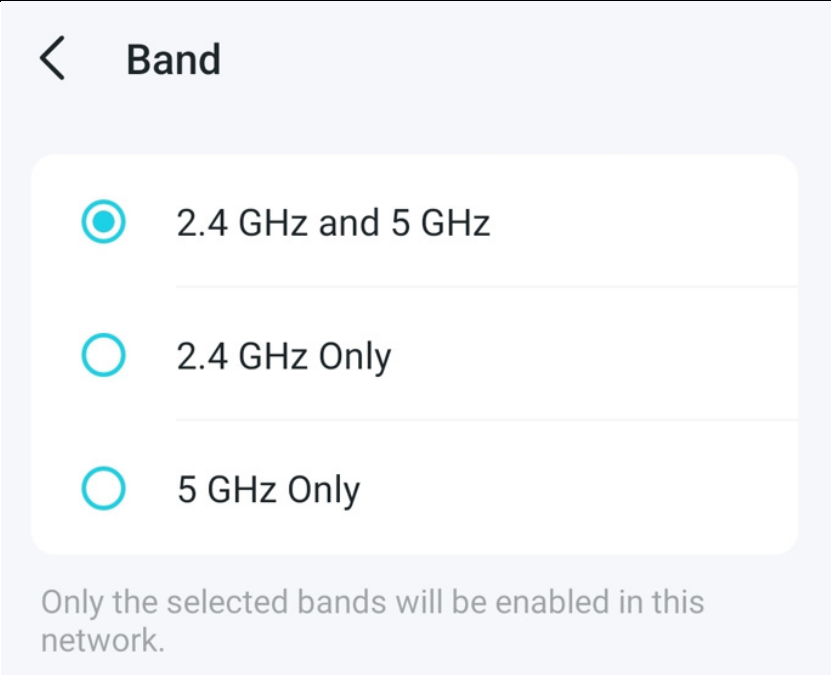
Claim Language	Representative TP-Link Products ¹
	WiFi Speeds BE33000 6 GHz-1: 11520 Mbps (802.11be) 6 GHz-2: 11520 Mbps (802.11be) 5 GHz: 8640 Mbps (802.11be) 2.4 GHz: 1148 Mbps (802.11ax) Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/). The Ultimate Backhaul: Stronger and More Flexible Through our self-developed technology, Deco BE95 can connect a wireless and wired backhaul with each unit simultaneously. What's more, with the latest WiFi 7 MLO technology, the system's wireless and wired combined backhaul aggregation flow rate is increased. This way, it greatly improves overall throughput and reduces latency, delivering broader coverage with more stable and reliable connections. The diagram shows two white Deco BE95 units connected by five horizontal lines representing backhaul connections. From top to bottom, the lines are labeled: '6 GHz-1 Wi-Fi Connection', '6 GHz-2 Wi-Fi Connection', '5 GHz Wi-Fi Connection', '2.4 GHz Wi-Fi Connection', and 'Ethernet Wired Connection'. The first four are blue, and the last one is grey. Below the diagram, the text 'Wireless and Wired Combined Backhaul' is centered. Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/#overview).

Claim Language	Representative TP-Link Products ¹
	Advanced Functions • Multi-Link Operation (MLO) • 320 MHz Channel • 4K-QAM • Multi-RUs • Works with Alexa and Google Assistant • IoT Network Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).
13[b] receiving, at said base station, data on a second frequency in a frequency band expected to experience high interference;	The '714 Accused TP-Link Products perform a method for increasing capacity of a wireless data communication system comprising receiving, at said base station, data on a second frequency in a frequency band expected to experience high interference. For example: The Accused TP-Link Multi-Band Products can connect to and receive data from user devices over multiple bands that can be expected to experience high interference. For example, the TP-Link Deco X90 receives data from connected user devices and other Accused TP-Link Multi-Band Products over 2.4GHz and 5GHz frequency bands. 

Claim Language	Representative TP-Link Products ¹
	Exhibit 47 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-x90/). Wireless · Wireless Standards: IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11b/g/n/ax 2.4 GHz · Mesh protocol: 802.11k/v/r · Frequency: 2.4 GHz and 5 GHz · Signal Rate: 4804 Mbps on 5 GHz (1) + 1201 Mbps on 5 GHz (2) + 574 Mbps on 2.4 GHz[†] · Transmit Power: FCC: <30 dBm(2.4 GHz), <30 dBm(5 GHz) CE: <20 dBm (2.4 GHz), <30 dBm (5 GHz) · Wireless Security: WPA/WPA2-PSK/WPA3 encryptions Exhibit 49 [TP-Link Deco X90 Datasheet] at 4 (https://static.tp-link.com/2020/202010/20201021/Deco%20X90%201.0_Datasheet.pdf).

Claim Language	Representative TP-Link Products ¹
	 Exhibit 50 [TP-Link Deco X90 Manual] at 17 (https://static.tp-link.com/2020/202011/20201126/1910012843_Deco%20X90&Deco%20X5700_UG_V1.pdf).

Claim Language	Representative TP-Link Products ¹
	 The diagram illustrates a TP-Link Deco mesh Wi-Fi system in a multi-room environment. Two white, cylindrical smart antennas are shown, each with a blue circular signal range around it. A thick blue line connects the two antennas, labeled "stronger backhaul". The background shows a modern living space with a sofa, dining table, and kitchen area, all covered by the signal ranges. The text "smart antennas" is repeated next to each antenna icon. Exhibit 47 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-x90/).

Claim Language	Representative TP-Link Products ¹
	 Operation of TP-Link Deco App. Similarly, the TP-Link Deco XE75 receives data from connected user devices and other Accused TP-Link Multi-Band Products over 2.4GHz, 5GHz, and 6GHz frequency bands. Brand-New 6 GHz Band – Experience the latest frequency of WiFi, eliminating interference from all legacy devices. The 6 GHz band also delivers a powerful dedicated backhaul to further streamline the WiFi performance of non-6E devices True Tri-Band Speed – All three WiFi bands work together to unleash your network’s total speeds up to 5,400 Mbps for 200 devices

Claim Language	Representative TP-Link Products ¹
	Exhibit 48 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview).  Exhibit 48 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview). 

Claim Language	Representative TP-Link Products ¹
	Exhibit 48 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview). Wireless · Wireless Standards: IEEE 802.11b/g/n/ax 2.4 GHz, IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11ax 6 GHz · Mesh protocol: 802.11k/v/r · Frequency: 2.4 GHz, 5 GHz and 6 GHz · Signal Rate: 2402 Mbps on 6 GHz + 2402 Mbps on 5 GHz+ 574 Mbps on 2.4 GHz[†] · Transmit Power: FCC: <30 dBm(2.4 GHz), <30 dBm(5 GHz), <30 dBm(6 GHz) - CE: <20 dBm (2.4 GHz), <23 dBm (5 GHz), <23 dBm (6 GHz) · Wireless Security: WPA/WPA2-PSK/WPA3 encryptions Exhibit 51 [TP-Link Deco XE75 Datasheet] at 4 (https://static.tp-link.com/upload/product-overview/2022/202211/20221104/Deco%20XE75(EU&US)_2.0.pdf).

Claim Language	Representative TP-Link Products ¹
	Exhibit 52 [TP-Link Deco XE75 Manual] at 31 (https://static.tp-link.com/upload/manual/2022/202210/20221013/1910013233_Deco%20XE75_User%20Guide_REV2.0.0.pdf).

Claim Language	Representative TP-Link Products ¹
	Whole-Home Coverage Eliminate weak signal areas with the tri-band mesh WiFi. Three units work together to provide coverage up to 7,200 sq. ft. Up to 7,200 [†] ft² Exhibit 48 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview). Likewise, the TP-Link Deco BE95 receives data from connected user devices and other Accused TP-Link Multi-Band Products over 2.4GHz, 5GHz, and 6GHz frequency bands.

Claim Language	Representative TP-Link Products ¹										
	<table border="1"> <thead> <tr> <th>Band</th> <th>Speed (Mbps)</th> </tr> </thead> <tbody> <tr> <td>6 GHz-1</td> <td>11520</td> </tr> <tr> <td>6 GHz-2</td> <td>11520</td> </tr> <tr> <td>5 GHz</td> <td>8640</td> </tr> <tr> <td>2.4 GHz</td> <td>1148</td> </tr> </tbody> </table> Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).	Band	Speed (Mbps)	6 GHz-1	11520	6 GHz-2	11520	5 GHz	8640	2.4 GHz	1148
Band	Speed (Mbps)										
6 GHz-1	11520										
6 GHz-2	11520										
5 GHz	8640										
2.4 GHz	1148										

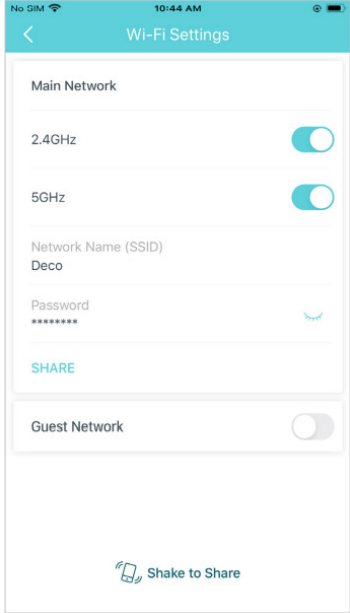
Claim Language	Representative TP-Link Products ¹
	• 16-Stream 33 Gbps Quad-Band WiFi – 11520 Mbps (6 GHz-1) + 11520 Mbps (6 GHz-2) + 8640 Mbps (5 GHz) + 1148 Mbps (2.4 GHz).[†] • Multi-Gig 10 Gbps Network – 1× 10 Gbps Ethernet/Fiber Combo WAN/LAN port + 1× 10 Gbps WAN/LAN port + 2× 2.5 Gbps ports ensure max flexibility and boosted throughput.[§] • Multi-Link Operation (MLO) – Simultaneously send and receive data across different bands and channels to increase throughput, reduce latency, and improve reliability.^Δ Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

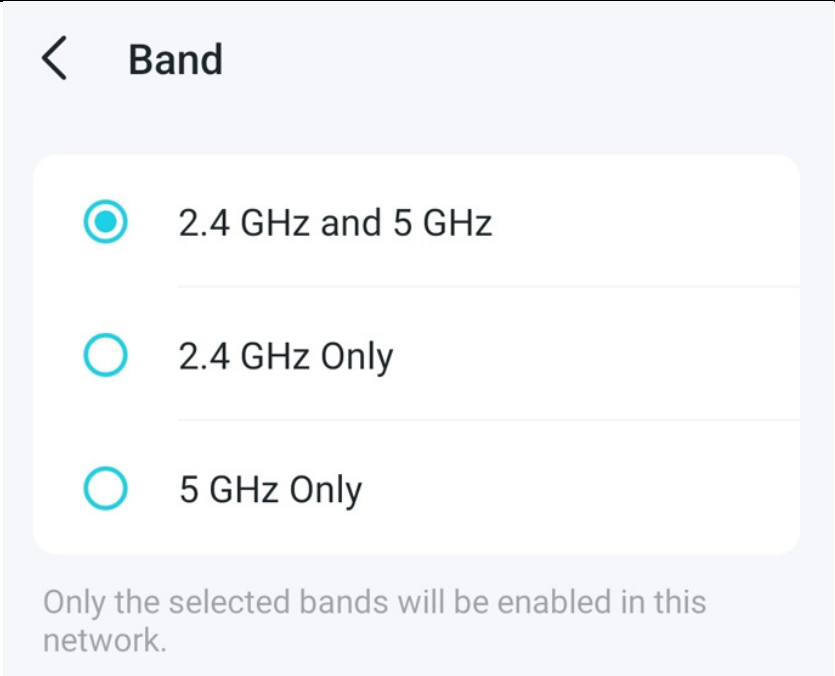
Claim Language	Representative TP-Link Products ¹
	 The screenshot displays the TP-Link Deco BE95 product page. At the top, it features the 'Wi-Fi 7' logo in large blue letters, with 'Quad-Band WiFi 7' and 'Speeds up to 33 Gbps' written below it. The main content area is divided into several sections: 'The Ultimate 10G Connectivity, Fiber and Ethernet' (showing a network switch), 'Connect Over 200 Devices' (showing a circular diagram of connected devices), 'Up to 320 MHz Bandwidth' (showing a frequency spectrum diagram), and 'A True Whole Home Multi-Gigabit Mesh WiFi' (showing a house diagram). At the bottom, there are four icons representing key features: 'Seamless AI Roaming', 'TP-Link HomeShield', 'Multi-Link Operation', and '4K-QAM'. Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

Claim Language	Representative TP-Link Products ¹
	WiFi Speeds BE33000 6 GHz-1: 11520 Mbps (802.11be) 6 GHz-2: 11520 Mbps (802.11be) 5 GHz: 8640 Mbps (802.11be) 2.4 GHz: 1148 Mbps (802.11ax) Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/). The Ultimate Backhaul: Stronger and More Flexible Through our self-developed technology, Deco BE95 can connect a wireless and wired backhaul with each unit simultaneously. What's more, with the latest WiFi 7 MLO technology, the system's wireless and wired combined backhaul aggregation flow rate is increased. This way, it greatly improves overall throughput and reduces latency, delivering broader coverage with more stable and reliable connections. The diagram shows two white Deco BE95 units connected by five lines representing backhaul connections. Four lines are blue and labeled '6 GHz-1 Wi-Fi Connection', '6 GHz-2 Wi-Fi Connection', '5 GHz Wi-Fi Connection', and '2.4 GHz Wi-Fi Connection'. One line is grey and labeled 'Ethernet Wired Connection'. Below the diagram, the text 'Wireless and Wired Combined Backhaul' is centered. Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/#overview).

Claim Language	Representative TP-Link Products ¹
	Advanced Functions • Multi-Link Operation (MLO) • 320 MHz Channel • 4K-QAM • Multi-RUs • Works with Alexa and Google Assistant • IoT Network Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).
13[c] wherein said first frequency and said second frequency are separated by at least one octave; and	The '714 Accused TP-Link Products perform a method for increasing capacity of a wireless data communication system comprising transmitting and receiving over a first and second frequency wherein said first frequency and said second frequency are separated by at least one octave. For example: The Accused TP-Link Multi-Band Products transmit and receive data over frequency bands that are separate for at least one octave. For example, the TP-Link Deco X90 transmit and receive data over 2.4GH and 5GHz bands. The 2.4GHz band and the 5GHz band are separated by at least one octave, as the interval between two frequency bands has a ratio of two-to-one.

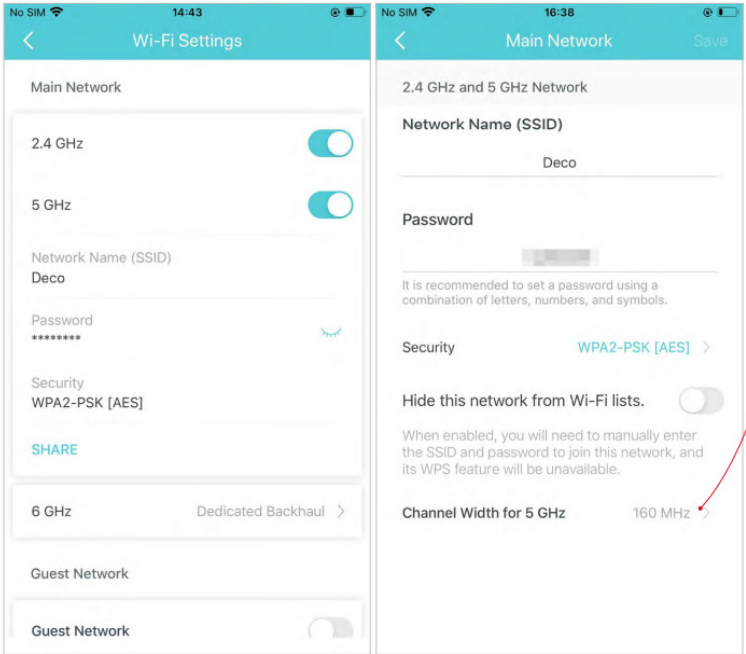
Claim Language	Representative TP-Link Products ¹
	Exhibit 47 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-x90/). Wireless • Wireless Standards: IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11b/g/n/ax 2.4 GHz • Mesh protocol: 802.11k/v/r • Frequency: 2.4 GHz and 5 GHz • Signal Rate: 4804 Mbps on 5 GHz (1) + 1201 Mbps on 5 GHz (2) + 574 Mbps on 2.4 GHz[†] • Transmit Power: FCC: <30 dBm(2.4 GHz), <30 dBm(5 GHz) CE: <20 dBm (2.4 GHz), <30 dBm (5 GHz) • Wireless Security: WPA/WPA2-PSK/WPA3 encryptions Exhibit 49 [TP-Link Deco X90 Datasheet] at 4 (https://static.tp-link.com/2020/202010/20201021/Deco%20X90%201.0_Datasheet.pdf).

Claim Language	Representative TP-Link Products ¹
	 Exhibit 50 [TP-Link Deco X90 Manual] at 17 (https://static.tp-link.com/2020/202011/20201126/1910012843_Deco%20X90&Deco%20X5700_UG_V1.pdf).

Claim Language	Representative TP-Link Products ¹
	 Operation of TP-Link Deco App. Similarly, the TP-Link Deco XE75 transmit and receive data over 2.4GHz, 5GHz, and 6GHz bands. The 2.4GHz band and the 5GHz or 6GHz bands are separated by at least one octave, as the interval between two frequency bands has a ratio of two-to-one.

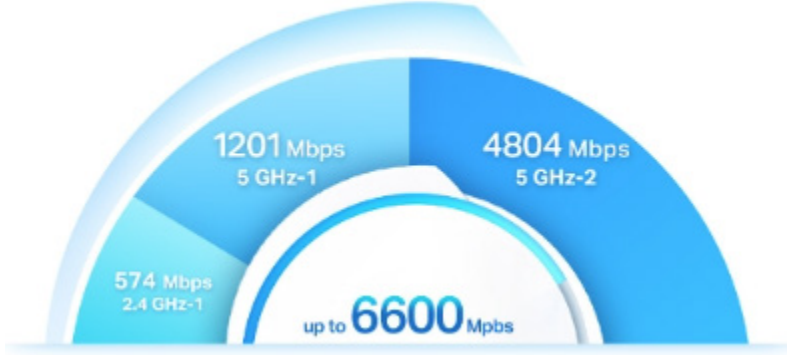
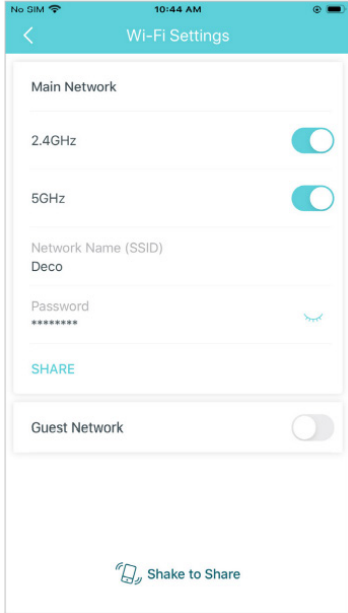
Claim Language	Representative TP-Link Products ¹
	 Exhibit 48 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview).  Exhibit 48 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview).

Claim Language	Representative TP-Link Products ¹
	Wireless · Wireless Standards: IEEE 802.11b/g/n/ax 2.4 GHz, IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11ax 6 GHz · Mesh protocol: 802.11k/v/r · Frequency: 2.4 GHz, 5 GHz and 6 GHz · Signal Rate: 2402 Mbps on 6 GHz + 2402 Mbps on 5 GHz+ 574 Mbps on 2.4 GHz[†] · Transmit Power: FCC: <30 dBm(2.4 GHz), <30 dBm(5 GHz), <30 dBm(6 GHz) - CE: <20 dBm (2.4 GHz), <23 dBm (5 GHz), <23 dBm (6 GHz) · Wireless Security: WPA/WPA2-PSK/WPA3 encryptions Exhibit 51 [TP-Link Deco XE75 Datasheet] at 4 (https://static.tp-link.com/upload/product-overview/2022/202211/20221104/Deco%20XE75(EU&US)_2.0.pdf).

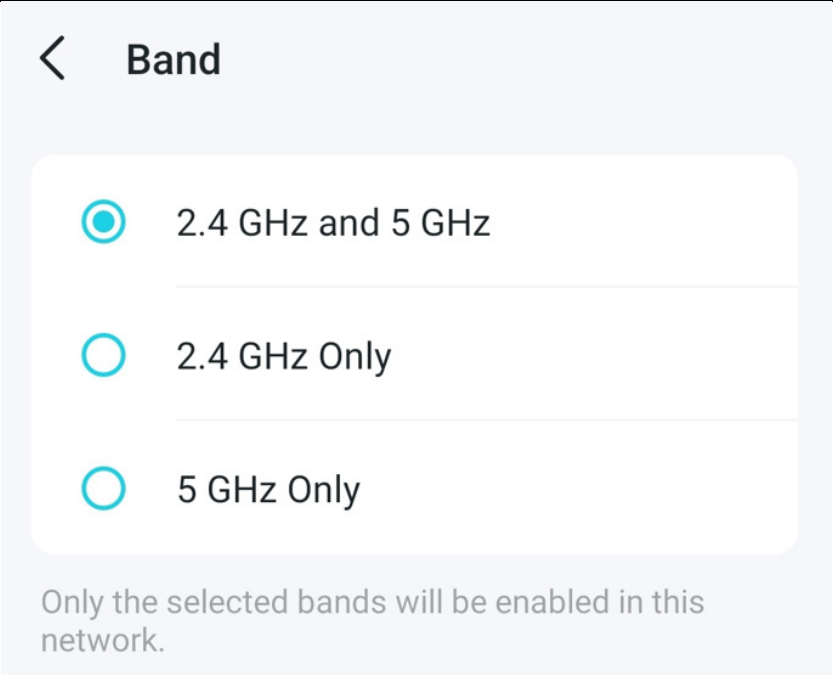
Claim Language	Representative TP-Link Products ¹
	 Exhibit 52 [TP-Link Deco XE75 Manual] at 31(https://static.tp-link.com/upload/manual/2022/202210/20221013/1910013233_Deco%20XE75_User%20Guide_REV2.0.0.pdf). Likewise, the TP-Link Deco BE95 transmit and receive data over 2.4GH, 5GHz, and 6GHz bands. The 2.4GHz band and the 5GHz or 6GHz bands are separated by at least one octave, as the interval between two frequency bands has a ratio of two-to-one.

Claim Language	Representative TP-Link Products ¹												
	The infographic displays a total speed of 33 Gbps, which is equivalent to 33,000 Mbps. This total is composed of four frequency bands: 6 GHz-1 (11,520 Mbps), 6 GHz-2 (11,520 Mbps), 5 GHz (8,640 Mbps), and 2.4 GHz (1,148 Mbps). Each band is represented by a horizontal bar with its corresponding speed value to the right. <table border="1"> <thead> <tr> <th>Frequency Band</th> <th>Speed (Mbps)</th> </tr> </thead> <tbody> <tr> <td>6 GHz-1</td> <td>11520</td> </tr> <tr> <td>6 GHz-2</td> <td>11520</td> </tr> <tr> <td>5 GHz</td> <td>8640</td> </tr> <tr> <td>2.4 GHz</td> <td>1148</td> </tr> <tr> <td>Total</td> <td>33000 (33 Gbps)</td> </tr> </tbody> </table> Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/). • 16-Stream 33 Gbps Quad-Band WiFi – 11520 Mbps (6 GHz-1) + 11520 Mbps (6 GHz-2) + 8640 Mbps (5 GHz) + 1148 Mbps (2.4 GHz).[†] Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).	Frequency Band	Speed (Mbps)	6 GHz-1	11520	6 GHz-2	11520	5 GHz	8640	2.4 GHz	1148	Total	33000 (33 Gbps)
Frequency Band	Speed (Mbps)												
6 GHz-1	11520												
6 GHz-2	11520												
5 GHz	8640												
2.4 GHz	1148												
Total	33000 (33 Gbps)												

Claim Language	Representative TP-Link Products ¹
	WiFi Speeds BE33000 6 GHz-1: 11520 Mbps (802.11be) 6 GHz-2: 11520 Mbps (802.11be) 5 GHz: 8640 Mbps (802.11be) 2.4 GHz: 1148 Mbps (802.11ax) Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).
13[d] wherein at least a portion of said receiving and at least a portion of said transmitting occur at the same time.	The '714 Accused TP-Link Products perform a method for increasing capacity of a wireless data communication system comprising transmitting and receiving over a first and second frequency wherein at least a portion of said receiving and at least a portion of said transmitting occur at the same time. For example: The Accused TP-Link Multi-Band Products transmit and receive data over octave-separated frequency bands at the same time. For example, the TP-Link Deco X90 simultaneously transmits data to and receives data from connected user devices and other Accused TP-Link Multi-Band Products over the 2.4GHz frequency band and the 5GHz frequency band.

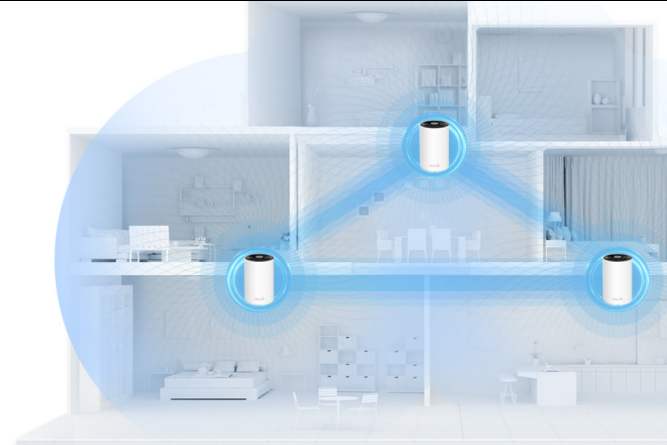
Claim Language	Representative TP-Link Products ¹
	 Exhibit 47 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-x90/). 

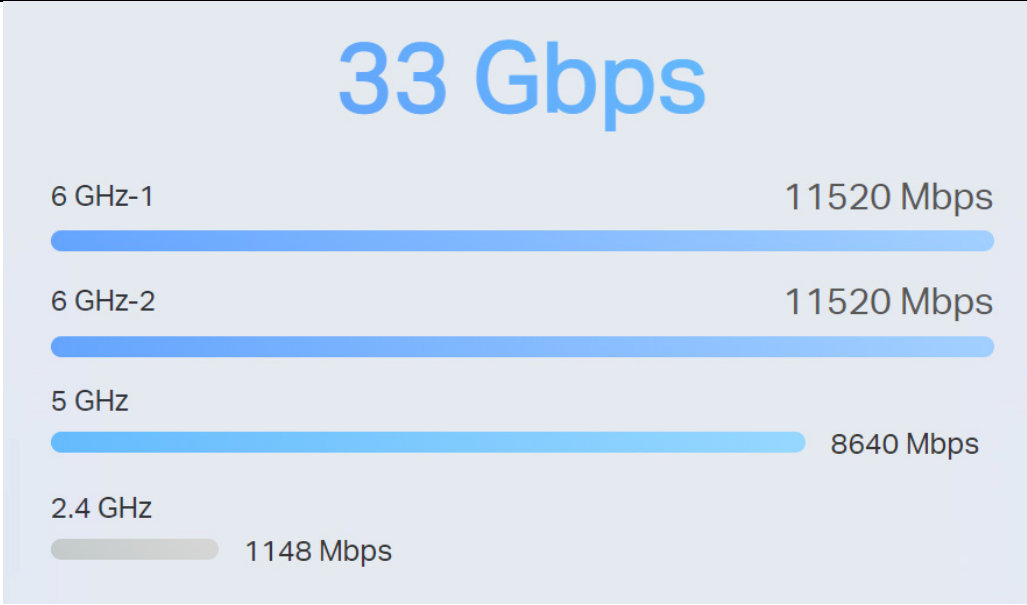
Claim Language	Representative TP-Link Products ¹
	Exhibit 50 [TP-Link Deco X90 Manual] at 17 (https://static.tp-link.com/2020/202011/20201126/1910012843_Deco%20X90&Deco%20X5700_UG_V1.pdf).  Exhibit 47 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-x90/).

Claim Language	Representative TP-Link Products ¹
	 Operation of TP-Link Deco App. Similarly, the TP-Link Deco XE75 simultaneously transmits data to and receives data from connected user devices and other Accused TP-Link Multi-Band Products over the 2.4GHz frequency band and the 5GHz or 6GHz frequency band.

Claim Language	Representative TP-Link Products ¹
	 Exhibit 48 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview).  Exhibit 48 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview).

Claim Language	Representative TP-Link Products ¹
	Exhibit 52 [TP-Link Deco XE75 Manual] at 31 (https://static.tp-link.com/upload/manual/2022/202210/20221013/1910013233_Deco%20XE75_User%20Guide_REV2.0.0.pdf).

Claim Language	Representative TP-Link Products ¹
	Whole-Home Coverage Eliminate weak signal areas with the tri-band mesh WiFi. Three units work together to provide coverage up to 7,200 sq. ft. Up to 7,200 [†] ft²  Exhibit 48 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview). Likewise, the TP-Link Deco BE95 simultaneously transmits data to and receives data from connected user devices and other Accused TP-Link Multi-Band Products over the 2.4GHz frequency band and the 5GHz or 6GHz frequency band.

Claim Language	Representative TP-Link Products ¹
	 33 Gbps 6 GHz-1 11520 Mbps 6 GHz-2 11520 Mbps 5 GHz 8640 Mbps 2.4 GHz 1148 Mbps Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/). • 16-Stream 33 Gbps Quad-Band WiFi – 11520 Mbps (6 GHz-1) + 11520 Mbps (6 GHz-2) + 8640 Mbps (5 GHz) + 1148 Mbps (2.4 GHz).[†] Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

Claim Language	Representative TP-Link Products ¹
	WiFi Speeds BE33000 6 GHz-1: 11520 Mbps (802.11be) 6 GHz-2: 11520 Mbps (802.11be) 5 GHz: 8640 Mbps (802.11be) 2.4 GHz: 1148 Mbps (802.11ax) Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/). The Ultimate Backhaul: Stronger and More Flexible Through our self-developed technology, Deco BE95 can connect a wireless and wired backhaul with each unit simultaneously. What's more, with the latest WiFi 7 MLO technology, the system's wireless and wired combined backhaul aggregation flow rate is increased. This way, it greatly improves overall throughput and reduces latency, delivering broader coverage with more stable and reliable connections. Wireless and Wired Combined Backhaul Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/#overview). Additionally, the Accused TP-Link WiFi 7 Products transmit data to and receive data from user devices on both the first and second frequency band at the same time. For example, the TP-Link Deco

Claim Language	Representative TP-Link Products ¹
	BE95, using Multi-Link Operation, can transmit data to and receive data from user devices over both the 2.4GHz band and the 5GHz or 6GHz bands, or a combination of all three. As explained on TP-Link’s website, using Multi-Link Operation, the Accused TP-Link WiFi 7 Products, such as the TP-Link Deco BE95, enables devices to receive and transmit data using “the 2.4 GHz, 5 GHz, and 6 GHz bands simultaneously increase[ing] throughput, reduces latency, and improves reliability.” Multi-Link Operation (MLO) solves this dilemma. It enables devices to simultaneously send and receive data across different frequency bands and channels. With MLO, WiFi 7 supports establishing multiple links between the Station (STA, such as your phone) and WiFi access point (AP, such as your router). Connecting to the 2.4 GHz, 5 GHz, and 6 GHz bands simultaneously increases throughput, reduces latency, and improves reliability. It is ideal for emerging applications like VR/AR, online gaming, remote office, and cloud computing.  Exhibit 46 (https://www.tp-link.com/us/blog/1067/what-is-wifi-7-s-multi-link-operation-mlo-/). How Can I Use MLO? The STA and AP both need to support WiFi 7 and MLO. Notice that the 6 GHz band is not required for MLO. Some WiFi 7 routers may only support one 2.4 GHz band and one or two 5 GHz bands. MLO enables your devices to connect to all the WiFi bands at the same time.

Claim Language	Representative TP-Link Products ¹
	Exhibit 46 (https://www.tp-link.com/us/blog/1067/what-is-wifi-7-s-multi-link-operation-mlo-/). 1. Operating Mode WiFi 7 MLO mainly includes two modes: STR Mode and NSTR Mode. (1) STR Mode (Simultaneous Transmit and Receive Operation) STR Mode refers to simultaneous transceiver mode or asynchronous mode. That is, two or more links work completely independently, and they don't interfere with each other. MLD is transmitting data on Link 1 while receiving data on Link 2 The diagram shows two horizontal timelines for Link 1 and Link 2. Link 1 has a yellow bar labeled 'Link 1' followed by two orange bars labeled 'DL'. Link 2 has a blue bar labeled 'UL'. Exhibit 46 (https://www.tp-link.com/us/blog/1067/what-is-wifi-7-s-multi-link-operation-mlo-/). • 16-Stream 33 Gbps Quad-Band WiFi – 11520 Mbps (6 GHz-1) + 11520 Mbps (6 GHz-2) + 8640 Mbps (5 GHz) + 1148 Mbps (2.4 GHz).[†] • Multi-Gig 10 Gbps Network – 1× 10 Gbps Ethernet/Fiber Combo WAN/LAN port + 1× 10 Gbps WAN/LAN port + 2× 2.5 Gbps ports ensure max flexibility and boosted throughput.[§] • Multi-Link Operation (MLO) – Simultaneously send and receive data across different bands and channels to increase throughput, reduce latency, and improve reliability.^Δ

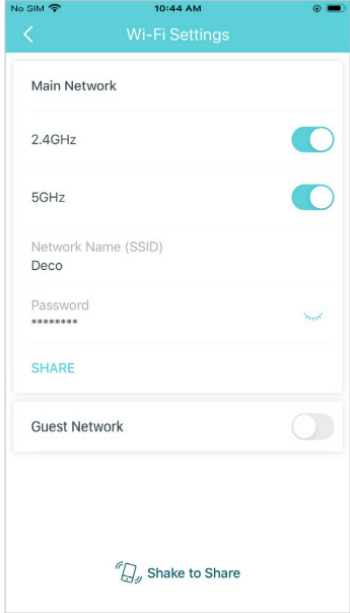
Claim Language	Representative TP-Link Products ¹
	Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).  The screenshot displays the TP-Link Deco BE95 product page. At the top, the text 'Wi-Fi 7' is prominently featured in large blue letters, with 'Quad-Band WiFi 7' and 'Speeds up to 33 Gbps' written below it. The main content area is divided into several sections: 'The Ultimate 10G Connectivity, Fiber and Ethernet' (accompanied by an image of a fiber optic cable), 'Connect Over 200 Devices' (with a circular graphic showing device icons), 'Up to 320 MHz Bandwidth' (with a graphic of a signal tower), and 'A True Whole Home Multi-Gigabit Mesh WiFi' (with a house icon). At the bottom, four feature icons are displayed: 'Seamless AI Roaming', 'TP-Link HomeShield', 'Multi-Link Operation', and '4K-QAM'. Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

Claim Language	Representative TP-Link Products ¹
	Advanced Functions • Multi-Link Operation (MLO) • 320 MHz Channel • 4K-QAM • Multi-RUs • Works with Alexa and Google Assistant • IoT Network Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).
31[pre]. A method for increasing capacity of a wireless data communication system, said method comprising the steps of:	See discussion regarding claim limitation 1[pre].
31[a] receiving, at a subscriber station, data on a first frequency in a frequency band expected to experience low interference;	See discussion regarding claim limitation 1[a].
31[b] transmitting, at said subscriber station, data on a second frequency in a frequency band expected to experience high interference;	See discussion regarding claim limitation 1[b].
31[c] wherein said low interference frequency	See discussion regarding claim limitation 1[b].

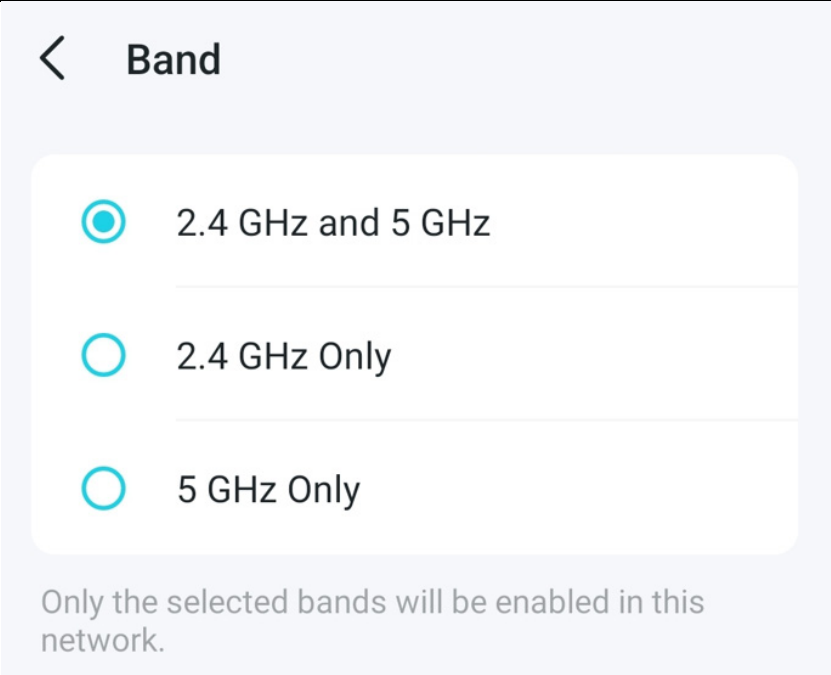
Claim Language	Representative TP-Link Products ¹
band and said high interference frequency band are separated by at least one octave; and	
31[d] wherein said transmitting and said receiving occur during the same communication session.	See discussion regarding claim limitation 1[c].
32[pre]. A method for increasing capacity of a wireless data communication system, said method comprising the steps of:	See discussion regarding claim limitation 13[pre].
32[a] transmitting, at a base station, data on a first frequency in a first frequency band expected to experience low interference;	See discussion regarding claim limitation 13[a].
32[b] receiving, at said base station, data on a second frequency in a second frequency band expected to experience high interference;	See discussion regarding claim limitation 13[b].
32[c] wherein said first frequency and said second frequency are separated by at least one octave; and	See discussion regarding claim limitation 13[c].

Claim Language	Representative TP-Link Products ¹										
32[d] wherein said transmitting and said receiving occur during the same communication session.	The '714 Accused TP-Link Products perform a method for increasing capacity of a wireless data communication system comprising transmitting and receiving over a first and second frequency wherein said transmitting and said receiving occur during the same communication session. For example: The Accused TP-Link Multi-Band Products transmit data to and receive data from other Accused TP-Link Multi-Band Products over octave-separated frequency bands during the same communication session. For example, the TP-Link Deco X90 simultaneously transmit data to and receive data from other Accused TP-Link Multi-Band Products over the 2.4GHz frequency band and the 5GHz frequency band during backhaul communication sessions. <table border="1"> <caption>Frequency Band Capacity Data</caption> <thead> <tr> <th>Frequency Band</th> <th>Capacity (Mbps)</th> </tr> </thead> <tbody> <tr> <td>2.4 GHz-1</td> <td>574</td> </tr> <tr> <td>5 GHz-1</td> <td>1201</td> </tr> <tr> <td>5 GHz-2</td> <td>4804</td> </tr> <tr> <td>Total (up to)</td> <td>6600</td> </tr> </tbody> </table> Exhibit 47 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-x90/).	Frequency Band	Capacity (Mbps)	2.4 GHz-1	574	5 GHz-1	1201	5 GHz-2	4804	Total (up to)	6600
Frequency Band	Capacity (Mbps)										
2.4 GHz-1	574										
5 GHz-1	1201										
5 GHz-2	4804										
Total (up to)	6600										

Claim Language	Representative TP-Link Products ¹
	Wireless • Wireless Standards: IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11b/g/n/ax 2.4 GHz • Mesh protocol: 802.11k/v/r • Frequency: 2.4 GHz and 5 GHz • Signal Rate: 4804 Mbps on 5 GHz (1) + 1201 Mbps on 5 GHz (2) + 574 Mbps on 2.4 GHz[†] • Transmit Power: FCC: <30 dBm(2.4 GHz), <30 dBm(5 GHz) CE: <20 dBm (2.4 GHz), <30 dBm (5 GHz) • Wireless Security: WPA/WPA2-PSK/WPA3 encryptions Exhibit 49 [TP-Link Deco X90 Datasheet] at 4 (https://static.tp-link.com/2020/202010/20201021/Deco%20X90%201.0_Datasheet.pdf).

Claim Language	Representative TP-Link Products ¹
	 Exhibit 50 [TP-Link Deco X90 Manual] at 17 (https://static.tp-link.com/2020/202011/20201126/1910012843_Deco%20X90&Deco%20X5700_UG_V1.pdf).

Claim Language	Representative TP-Link Products ¹
	 The diagram illustrates a TP-Link Deco mesh Wi-Fi system in a modern home. Two white Deco units are shown, each with a 'smart antennas' icon. A blue beam labeled 'stronger backhaul' connects the two units, indicating a mesh network. The background shows a living room, dining area, and kitchen with various furniture and appliances. Exhibit 47 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-x90/).

Claim Language	Representative TP-Link Products ¹
	 Operation of TP-Link Deco App. Similarly, the TP-Link Deco XE75 simultaneously transmit data to and receive data from other Accused TP-Link Multi-Band Products over the 2.4GHz frequency band and the 5GHz or 6GHz frequency band during backhaul communication sessions. Brand-New 6 GHz Band – Experience the latest frequency of WiFi, eliminating interference from all legacy devices. The 6 GHz band also delivers a powerful dedicated backhaul to further streamline the WiFi performance of non-6E devices True Tri-Band Speed – All three WiFi bands work together to unleash your network’s total speeds up to 5,400 Mbps for 200 devices

Claim Language	Representative TP-Link Products ¹
	Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview).  The image is a promotional graphic for the TP-Link Deco XE75. On the left, text reads 'Deco XE75 Wi-Fi 6E', 'Embrace the Power of WiFi 6E', and 'AXE5400 Tri-Band Mesh WiFi 6E System(2-Pack)'. On the right, three white, cylindrical mesh nodes are shown. A blue graphic overlay on the right side of the nodes indicates the supported frequency bands: 6 GHz, 5 GHz, and 2.4 GHz. Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview).

Claim Language	Representative TP-Link Products ¹
	 Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview). Wireless · Wireless Standards: IEEE 802.11b/g/n/ax 2.4 GHz, IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11ax 6 GHz · Mesh protocol: 802.11k/v/r · Frequency: 2.4 GHz, 5 GHz and 6 GHz · Signal Rate: 2402 Mbps on 6 GHz + 2402 Mbps on 5 GHz+ 574 Mbps on 2.4 GHz[†] · Transmit Power: FCC: <30 dBm(2.4 GHz), <30 dBm(5 GHz), <30 dBm(6 GHz) CE: <20 dBm (2.4 GHz), <23 dBm (5 GHz), <23 dBm (6 GHz) · Wireless Security: WPA/WPA2-PSK/WPA3 encryptions Exhibit 51 [TP-Link Deco XE75 Datasheet] at 4 (https://static.tp-link.com/upload/product-overview/2022/202211/20221104/Deco%20XE75(EU&US)_2.0.pdf).

Claim Language	Representative TP-Link Products ¹
	Exhibit 52 [TP-Link Deco XE75 Manual] at 31 (https://static.tp-link.com/upload/manual/2022/202210/20221013/1910013233_Deco%20XE75_User%20Guide_REV2.0.0.pdf).

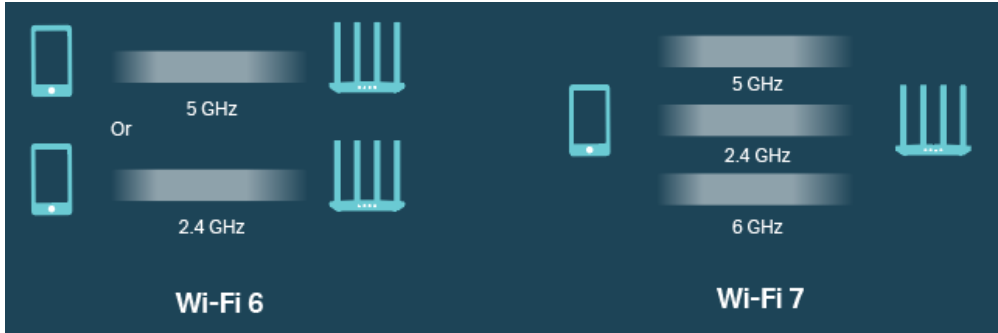
Claim Language	Representative TP-Link Products ¹
	Whole-Home Coverage Eliminate weak signal areas with the tri-band mesh WiFi. Three units work together to provide coverage up to 7,200 sq. ft. Up to 7,200 [†] ft² Exhibit 48 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-xe75/#overview). Likewise, the TP-Link Deco BE95 simultaneously transmit data to and receive data from other Accused TP-Link Multi-Band Products over the 2.4GHz frequency band and the 5GHz or 6GHz frequency band during backhaul communication sessions.

Claim Language	Representative TP-Link Products ¹
	33 Gbps 6 GHz-1 11520 Mbps 6 GHz-2 11520 Mbps 5 GHz 8640 Mbps 2.4 GHz 1148 Mbps Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

Claim Language	Representative TP-Link Products ¹
	• 16-Stream 33 Gbps Quad-Band WiFi – 11520 Mbps (6 GHz-1) + 11520 Mbps (6 GHz-2) + 8640 Mbps (5 GHz) + 1148 Mbps (2.4 GHz).[†] • Multi-Gig 10 Gbps Network – 1× 10 Gbps Ethernet/Fiber Combo WAN/LAN port + 1× 10 Gbps WAN/LAN port + 2× 2.5 Gbps ports ensure max flexibility and boosted throughput.[§] • Multi-Link Operation (MLO) – Simultaneously send and receive data across different bands and channels to increase throughput, reduce latency, and improve reliability.^Δ Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

Claim Language	Representative TP-Link Products ¹
	 The screenshot displays the TP-Link Deco BE95 product page. At the top, it features the 'Wi-Fi 7' logo in large blue letters, with 'Quad-Band WiFi 7' and 'Speeds up to 33 Gbps' written below it. The main content area is divided into several sections: 'The Ultimate 10G Connectivity, Fiber and Ethernet' (showing a router and fiber cable), 'Connect Over 200 Devices' (showing a circular diagram of connected devices), 'Up to 320 MHz Bandwidth' (showing a frequency spectrum diagram), and 'A True Whole Home Multi-Gigabit Mesh WiFi' (showing a house diagram). At the bottom, there are four icons representing key features: 'Seamless AI Roaming', 'TP-Link HomeShield', 'Multi-Link Operation', and '4K-QAM'. Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

Claim Language	Representative TP-Link Products ¹
	WiFi Speeds BE33000 6 GHz-1: 11520 Mbps (802.11be) 6 GHz-2: 11520 Mbps (802.11be) 5 GHz: 8640 Mbps (802.11be) 2.4 GHz: 1148 Mbps (802.11ax) Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/). The Ultimate Backhaul: Stronger and More Flexible Through our self-developed technology, Deco BE95 can connect a wireless and wired backhaul with each unit simultaneously. What's more, with the latest WiFi 7 MLO technology, the system's wireless and wired combined backhaul aggregation flow rate is increased. This way, it greatly improves overall throughput and reduces latency, delivering broader coverage with more stable and reliable connections. The diagram shows two white Deco BE95 units. Between them are five horizontal lines representing connections: four blue lines for wireless connections labeled '6 GHz-1 Wi-Fi Connection', '6 GHz-2 Wi-Fi Connection', '5 GHz Wi-Fi Connection', and '2.4 GHz Wi-Fi Connection'; and one light blue line at the bottom for an 'Ethernet Wired Connection'. Below the diagram, the text 'Wireless and Wired Combined Backhaul' is centered. Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/#overview). Additionally, the Accused TP-Link WiFi 7 Products transmit data to and receive data from user devices on both the first and second frequency band during the same communication session. For

Claim Language	Representative TP-Link Products ¹
	example, the TP-Link Deco BE95, using Multi-Link Operation, can transmit data to and receive data from user devices over both the 2.4GHz band and the 5GHz or 6GHz bands, or a combination of all three, during a Multi-Link Operation Session. As explained on TP-Link’s website, using Multi-Link Operation, the Accused TP-Link WiFi 7 Products, such as the TP-Link Deco BE95, enables devices to receive and transmit data using “the 2.4 GHz, 5 GHz, and 6 GHz bands simultaneously increase[ing] throughput, reduces latency, and improves reliability.” Multi-Link Operation (MLO) solves this dilemma. It enables devices to simultaneously send and receive data across different frequency bands and channels. With MLO, WiFi 7 supports establishing multiple links between the Station (STA, such as your phone) and WiFi access point (AP, such as your router). Connecting to the 2.4 GHz, 5 GHz, and 6 GHz bands simultaneously increases throughput, reduces latency, and improves reliability. It is ideal for emerging applications like VR/AR, online gaming, remote office, and cloud computing.  Exhibit 46 (https://www.tp-link.com/us/blog/1067/what-is-wifi-7-s-multi-link-operation-mlo-/). How Can I Use MLO?

Claim Language	Representative TP-Link Products ¹
	The STA and AP both need to support WiFi 7 and MLO. Notice that the 6 GHz band is not required for MLO. Some WiFi 7 routers may only support one 2.4 GHz band and one or two 5 GHz bands. MLO enables your devices to connect to all the WiFi bands at the same time. Exhibit 46 (https://www.tp-link.com/us/blog/1067/what-is-wifi-7-s-multi-link-operation-mlo-/). 1. Operating Mode WiFi 7 MLO mainly includes two modes: STR Mode and NSTR Mode. (1) STR Mode (Simultaneous Transmit and Receive Operation) STR Mode refers to simultaneous transceiver mode or asynchronous mode. That is, two or more links work completely independently, and they don't interfere with each other. MLD is transmitting data on Link 1 while receiving data on Link 2 The diagram shows two horizontal timelines for Link 1 and Link 2. Link 1 starts with a yellow bar, followed by two orange bars labeled 'DL'. Link 2 starts with a blue bar labeled 'UL'. The text 'MLD is transmitting data on Link 1 while receiving data on Link 2' is positioned to the left of the timelines. Exhibit 46 (https://www.tp-link.com/us/blog/1067/what-is-wifi-7-s-multi-link-operation-mlo-/).

Claim Language	Representative TP-Link Products ¹
	• 16-Stream 33 Gbps Quad-Band WiFi – 11520 Mbps (6 GHz-1) + 11520 Mbps (6 GHz-2) + 8640 Mbps (5 GHz) + 1148 Mbps (2.4 GHz).[†] • Multi-Gig 10 Gbps Network – 1× 10 Gbps Ethernet/Fiber Combo WAN/LAN port + 1× 10 Gbps WAN/LAN port + 2× 2.5 Gbps ports ensure max flexibility and boosted throughput.[§] • Multi-Link Operation (MLO) – Simultaneously send and receive data across different bands and channels to increase throughput, reduce latency, and improve reliability.^Δ Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

Claim Language	Representative TP-Link Products ¹
	 The screenshot displays the product page for the TP-Link Deco BE95. At the top, it features the 'Wi-Fi 7' logo in large blue letters, with 'Quad-Band WiFi 7' and 'Speeds up to 33 Gbps' written below it. The main content area is divided into several sections: 'The Ultimate 10G Connectivity, Fiber and Ethernet' (showing a network switch), 'Connect Over 200 Devices' (showing a circular diagram of connected devices), 'Up to 320 MHz Bandwidth' (showing a frequency spectrum diagram), and 'A True Whole Home Multi-Gigabit Mesh WiFi' (showing a house diagram). At the bottom, there are four icons representing key features: 'Seamless AI Roaming', 'TP-Link HomeShield', 'Multi-Link Operation', and '4K-QAM'. Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).

Claim Language	Representative TP-Link Products ¹
	Advanced Functions • Multi-Link Operation (MLO) • 320 MHz Channel • 4K-QAM • Multi-RUs • Works with Alexa and Google Assistant • IoT Network Exhibit 33 (https://www.tp-link.com/us/deco-mesh-wifi/product-family/deco-be95/).