



Product Highlights

Wi-Fi 7 (802.11be)

Wi-Fi 7 delivers up to 9.5 Gbps tri-band performance, while the 10G port ensures high-bandwidth links for devices, servers, and storage.

High Performance

Experience stable performance with a powerful CPU, Band Steering, and Airtime Fairness to ensure that every client has equal access to air time

Flexible Operation

Configure to use as an Access Point, a Wireless Distribution System (WDS), WDS with Access Point



DAP-E9560

Wi-Fi 7 BE9500 Tri-Band PoE Access Point

Features

High-performance Connectivity

- 1x10/100/1000/2.5G/5G/10GBase-T LAN 802.3at/802.3bt PoE port³
- Band Steering
- Airtime Fairness
- Fast Roaming (only when using Nuclias Connect controller)

Wi-Fi 7 Technology

- Wi-Fi 7 2x2+2x2+2x2 Tri-Band BE9500 solution
- Double the bandwidth from 160 MHz to 320 MHz
- 4096-QAM modulation boosts data transmission by 20%
- Multi-Link Operation (MLO)

Made for Business-class Environments

- Simultaneous operation in three frequency bands 2.4 GHz, 5 GHz and 6 GHz¹
- Traffic control/QoS
- Internal RADIUS server

Trusted Security Features

- WPA/WPA2/WPA3 – Enterprise/Personal
- 64/128-bit WEP encryption
- MAC address filtering
- Network Access Protection (NAP)
- ARP spoofing ARP Spoofing Prevention

Convenient Installation

- Supports 802.3at/802.3bt Power over Ethernet³
- Wall and ceiling mounting brackets included

The DAP-E9560 Wi-Fi 7 BE9500 Tri-Band PoE Access Point is designed for small to medium businesses or enterprises, providing unparalleled bandwidth and flexibility for administrators looking to deploy a medium to large scale Wi-Fi network. This AP has manageable tri-band wireless LAN options and utilizes the cutting-edge speed of Wireless AX and not only can the AP operate in standalone mode, it can also be centrally managed by D-Link Nuclias Connect. The Nuclias Connect solution provides for easier administration of wireless networks, including continuous monitoring of network activities, equipment configuration automation, performance parameters and network security control etc.

Wi-Fi 7 (802.11be)

The DAP-E9560 leverages cutting-edge technologies such as Multi-Link Operation (MLO), 320 MHz channel bandwidth, and 4K QAM modulation to enable data transmission across multiple frequency bands simultaneously. Whether supporting bandwidth-intensive applications like cloud gaming, real-time collaboration, or AR/VR experiences, Wi-Fi 7 provides the speed, efficiency, and reliability required in today's high-density, device-rich environments. The DAP-E9560 delivers reliable, high-speed wireless performance with maximum wireless signal rates of up to 688 Mbps over the 2.4 GHz band, up to 2880 Mbps over the 5 GHz band and up to 5760 Mbps 6 GHz band¹. This, coupled with support for the Wi-Fi Multimedia™ (WMM) Quality of Service (QoS) feature, makes it an ideal access point for audio, video, and voice applications. When enabled, QoS allows the DAP-E9560 to automatically prioritize network traffic according to the level of interactive streaming, such as HD movies or VoIP. The QoS feature can be adjusted through the DAP-E9560's web GUI using a drop-down menu option to select customized priority rules.

10-Gigabit Ethernet Port

The DAP-E9560 also deliver ultra-fast wired connectivity, significantly reducing network latency and ensuring high throughput for bandwidth-intensive applications. With support for 10 GbE speeds, the network infrastructure is future-ready, providing the scalability and performance needed to meet growing demands and support upcoming upgrades without bottlenecks.

Versatile Access Point Functionality

The DAP-E9560 allows network administrators to deploy a highly manageable and extremely robust simultaneous tri-band wireless network. The DAP-E9560 can be ceiling mounted or wall mounted to meet any wireless demands. For advanced installations, the DAP-E9560 has integrated 802.3at/802.3bt Power over Ethernet (PoE)³ support, allowing the device to be installed in areas where power outlets are not readily available

Security

To help maintain a secure wireless network, the DAP-E9560 supports both Personal and Enterprise versions of WPA, WPA2 (802.11i) and WPA3, with support for RADIUS server backend and a built-in internal RADIUS server allowing users to create their accounts within the device itself. This access point also includes MAC address filtering, wireless LAN segmentation, SSID broadcast disable, rogue AP detection, and wireless broadcast scheduling for further protection of your wireless network. Additionally, the DAP-E9560 supports Network Access Protection (NAP), allowing network administrators to define multiple levels of network access based on individual client's needs.

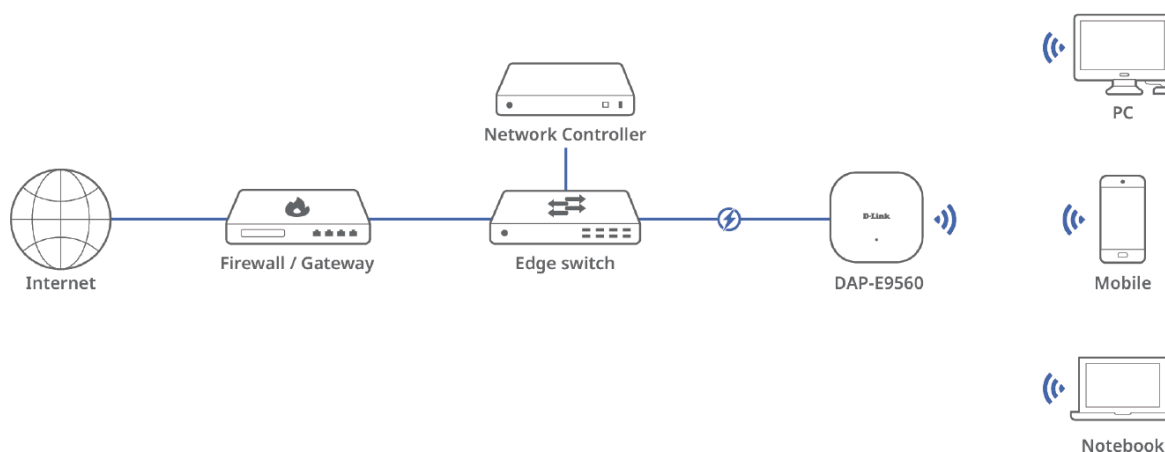
Multiple Operation Modes

The DAP-E9560 supports several operating modes: Access Point, Wireless Distribution System (WDS), WDS with AP. As a standard wireless access point (AP) the DAP-E9560 can connect to a wide range of devices that are 802.11a/b/g/n/ac/ax/be compliant. In wireless distribution system (WDS) mode it can expand current wireless coverage without the need for a wired backbone link.

Network Management

Network administrators have multiple options for managing the DAP-E9560, including web (HTTP/HTTPS), Secure Shell (SSH, which provides for a secure channel between local and remote computers) and Telnet. The DAP-E9560 also can be configured and managed by D-Link Nuclias Connect. In addition, the DAP-E9560 has a wireless scheduler feature, which turns off wireless functionality when it isn't needed, saving power. With simultaneous tri-band functionality, PoE support, extensive manageability, versatile operation modes, and solid security enhancements, the DAP-E9560 provides small to medium business and enterprise environments with a business-class solution for deploying a wireless network.

Connection Diagram



Features								
Hardware								
Interfaces	802.11b/g/n/ax/be (2.4 GHz) 802.11a/n/ac/ax/be (5 GHz) 802.11ax/be (6 GHz) 1x10/100/1000/2.5G/5G/10GBase-T LAN 802.3at/802.3bt PoE port³ 1x10/100/1000/2.5GBase-T LAN port 1xRJ45 Concole port							
LEDs	- Power/Status - Solid green - Device operational - Flashind red - Device booting up/Device malfunctioned - Solid red - Device boot up has failed							
Buttons	Factory reset button							
Antennas	2 internal antennas with 3.3 dBi for 2.4 GHz 2 internal antennas with 4.8 dBi for 5 GHz 2 internal antennas with 4.6 dBi for 6 GHz							
MIMO	2x2, MU-MIMO							
Power connector	Power input connector USB Type-C (DC)							
Mounting	- Wall - Ceiling							
Wireless Module Parameters								
Standards	IEEE 802.11a/b/g/n/ac/ax/be							
Wireless Frequency Range* <i>* The available operating frequency ranges vary depending on the regulations of individual countries and jurisdictions. Some frequency ranges may be unavailable in certain regions.</i>	2.4 GHz: 2.4 GHz to 2.4835 GHz 5 GHz: 5.15 GHz to 5.35 GHz, 5.47 GHz to 5.85 GHz 6 GHz: 5.92 GHz to 6.42 GHz							
Wireless Security	- WPA-Personal/Enterprise - WPA2-Personal/Enterprise - WPA3-Personal/Enterprise 64/128-bit WEP encryption - AES and TKIP - SSID broadcast disable - MAC address access control - Network Access Protection (NAP) - Internal RADIUS server - Captive Portal Authentication							
Wireless speed	802.11a: 6, 9, 12, 18, 24, 36, 48 and 54 Mbit/s 802.11b: 1, 2, 5.5 and 11 Mbit/s 802.11g: 6, 9, 12, 18, 24, 36, 48 and 54 Mbit/s 802.11n: 6.5 ~ 300 Mbit/s 802.11ac: 6.5~866 Mbit/s 802.11ax: 6.5~2402 Mbit/s 802.11be: 6.5~5765 Mbit/s							
Transmitter Output Power* <i>* The maximum value of the transmitter output power depends upon the radio frequency regulations applied in your country.</i>	- IEEE 802.11a: 20 dBm at 6, 9, 12, 18,24,36,48,54 Mbit/s - IEEE 802.11b: 20 dBm at 1, 2, 5.5, 11 Mbit/s - IEEE 802.11g: 20 dBm at 6,9 Mbit/s 19 dBm at 12,18 Mbit/s 18 dBm at 24,36 Mbit/s 17 dBm at 48, 54 Mbit/s - IEEE 802.11n:<table><tr><td>2.4 GHz /HT-20 20 dBm at MCS0~1 19 dBm at MCS2~3 18 dBm at MCS4~5 17 dBm at MCS6~7</td><td>2.4 GHz /HT-40 20 dBm at MCS0~1 19 dBm at MCS2~3 18 dBm at MCS4~5 17 dBm at MCS6~7</td><td>5 GHz /HT-20 20 dBm at MCS0~7</td><td>5 GHz /HT-40 20 dBm at MCS0~7</td></tr></table>				2.4 GHz /HT-20 20 dBm at MCS0~1 19 dBm at MCS2~3 18 dBm at MCS4~5 17 dBm at MCS6~7	2.4 GHz /HT-40 20 dBm at MCS0~1 19 dBm at MCS2~3 18 dBm at MCS4~5 17 dBm at MCS6~7	5 GHz /HT-20 20 dBm at MCS0~7	5 GHz /HT-40 20 dBm at MCS0~7
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	- IEEE 802.11ac:<table><tr><td>VHT20 20 dBm at MCS0~8</td><td>VHT40 20 dBm at MCS0~9</td><td>VHT80 20 dBm at MCS0~9</td><td>VHT160 20 dBm at MCS0~9</td></tr></table> - IEEE 802.11ax:<table><tr><td>5G/HE20 20 dBm at MCS0~9 19 dBm at MCS10~11</td><td>5G/HE40 20 dBm at MCS0~9 19 dBm at MCS10~11</td><td>5G/HE80 20 dBm at MCS0~9 19 dBm at MCS10~11</td><td>5G/HE160 20 dBm at MCS0~9 19 dBm at MCS10~11</td></tr><tr><td>6G/HE20 20 dBm at MCS0~5 19 dBm at MCS6~7 18 dBm at MCS8~9 17 dBm at MCS10~11</td><td>6G/HE40 20 dBm at MCS0~5 19 dBm at MCS6~7 18 dBm at MCS8~9 17 dBm at MCS10~11</td><td>6G/HE80 20 dBm at MCS0~5 19 dBm at MCS6~7 18 dBm at MCS8~9 17 dBm at MCS10~11</td><td>6G/HE160 20 dBm at MCS0~5 19 dBm at MCS6~7 18 dBm at MCS8~9 17 dBm at MCS10~11</td></tr></table> - IEEE 802.11be:<table><tr><td>5G/EHT20 20 dBm at MCS0~9 19 dBm at MCS10~11 18 dBm at MCS12~13</td><td>5G/ EHT40 20 dBm at MCS0~9 19 dBm at MCS10~11 18 dBm at MCS12~13</td><td>5G/ EHT80 20 dBm at MCS0~9 19 dBm at MCS10~11 18 dBm at MCS12~13</td><td>5G/ EHT160 20 dBm at MCS0~9 19 dBm at MCS10~11 18 dBm at MCS12~13</td></tr><tr><td>6G/EHT20 20 dBm at MCS0~5 19 dBm at MCS6~7 18 dBm at MCS8~9 17 dBm at MCS10~11 16 dBm at MCS12~13</td><td>6G/EHT40 20 dBm at MCS0~5 19 dBm at MCS6~7 18 dBm at MCS8~9 17 dBm at MCS10~11 16 dBm at MCS12~13</td><td>6G/EHT80 20 dBm at MCS0~5 19 dBm at MCS6~7 18 dBm at MCS8~9 17 dBm at MCS10~11 16 dBm at MCS12~13</td><td>6G/EHT160 20 dBm at MCS0~5 19 dBm at MCS6~7 18 dBm at MCS8~9 17 dBm at MCS10~11 16 dBm at MCS12~13</td></tr><tr><td>6G/EHT320 20 dBm at MCS0~5 19 dBm at MCS6~7 18 dBm at MCS8~9 17 dBm at MCS10~11 16 dBm at MCS12~13</td><td colspan="3"></td></tr></table>	VHT20 20 dBm at MCS0~8	VHT40 20 dBm at MCS0~9	VHT80 20 dBm at MCS0~9	VHT160 20 dBm at MCS0~9	5G/HE20 20 dBm at MCS0~9 19 dBm at MCS10~11	5G/HE40 20 dBm at MCS0~9 19 dBm at MCS10~11	5G/HE80 20 dBm at MCS0~9 19 dBm at MCS10~11	5G/HE160 20 dBm at MCS0~9 19 dBm at MCS10~11	6G/HE20 20 dBm at MCS0~5 19 dBm at MCS6~7 18 dBm at MCS8~9 17 dBm at MCS10~11	6G/HE40 20 dBm at MCS0~5 19 dBm at MCS6~7 18 dBm at MCS8~9 17 dBm at MCS10~11	6G/HE80 20 dBm at MCS0~5 19 dBm at MCS6~7 18 dBm at MCS8~9 17 dBm at MCS10~11	6G/HE160 20 dBm at MCS0~5 19 dBm at MCS6~7 18 dBm at MCS8~9 17 dBm at MCS10~11	5G/EHT20 20 dBm at MCS0~9 19 dBm at MCS10~11 18 dBm at MCS12~13	5G/ EHT40 20 dBm at MCS0~9 19 dBm at MCS10~11 18 dBm at MCS12~13	5G/ EHT80 20 dBm at MCS0~9 19 dBm at MCS10~11 18 dBm at MCS12~13	5G/ EHT160 20 dBm at MCS0~9 19 dBm at MCS10~11 18 dBm at MCS12~13	6G/EHT20 20 dBm at MCS0~5 19 dBm at MCS6~7 18 dBm at MCS8~9 17 dBm at MCS10~11 16 dBm at MCS12~13	6G/EHT40 20 dBm at MCS0~5 19 dBm at MCS6~7 18 dBm at MCS8~9 17 dBm at MCS10~11 16 dBm at MCS12~13	6G/EHT80 20 dBm at MCS0~5 19 dBm at MCS6~7 18 dBm at MCS8~9 17 dBm at MCS10~11 16 dBm at MCS12~13	6G/EHT160 20 dBm at MCS0~5 19 dBm at MCS6~7 18 dBm at MCS8~9 17 dBm at MCS10~11 16 dBm at MCS12~13	6G/EHT320 20 dBm at MCS0~5 19 dBm at MCS6~7 18 dBm at MCS8~9 17 dBm at MCS10~11 16 dBm at MCS12~13			
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Receiver Sensitivity	- IEEE 802.11a: -95 dBm at 6 Mbit/s -93 dBm at 9 Mbit/s -92 dBm at 12 Mbit/s -90 dBm at 18 Mbit/s -86 dBm at 24 Mbit/s -83 dBm at 36 Mbit/s -79 dBm at 48 Mbit/s -77 dBm at 54 Mbit/s - IEEE 802.11b: -94 dBm at 2 Mbit/s -89 dBm at 11 Mbit/s - IEEE 802.11g: -94 dBm at 6 Mbit/s -91 dBm at 9 Mbit/s -91 dBm at 12 Mbit/s -89 dBm at 18 Mbit/s -84 dBm at 24 Mbit/s -81 dBm at 36 Mbit/s -77 dBm at 48 Mbit/s -75 dBm at 54 Mbit/s - IEEE 802.11n:<table><tr><td>2.4 GHz /HT-20 -95 dBm at MCS0 -92 dBm at MCS1 -90 dBm at MCS2 -86 dBm at MCS3 -83 dBm at MCS4 -79 dBm at MCS5 -78 dBm at MCS6 -77 dBm at MCS7</td><td>2.4 GHz /HT-40 -92 dBm at MCS0 -88 dBm at MCS1 -87 dBm at MCS2 -83 dBm at MCS3 -80 dBm at MCS4 -76 dBm at MCS5 -75 dBm at MCS6 -73 dBm at MCS7</td><td>5 GHz /HT-20 -96 dBm at MCS0 -93 dBm at MCS1 -91 dBm at MCS2 -88 dBm at MCS3 -85 dBm at MCS4 -81 dBm at MCS5 -79 dBm at MCS6 -78 dBm at MCS7</td><td>5 GHz /HT-40 -94 dBm at MCS0 -92 dBm at MCS1 -90 dBm at MCS2 -96 dBm at MCS3 -83 dBm at MCS4 -79 dBm at MCS5 -78 dBm at MCS6 -76 dBm at MCS7</td></tr></table>	2.4 GHz /HT-20 -95 dBm at MCS0 -92 dBm at MCS1 -90 dBm at MCS2 -86 dBm at MCS3 -83 dBm at MCS4 -79 dBm at MCS5 -78 dBm at MCS6 -77 dBm at MCS7	2.4 GHz /HT-40 -92 dBm at MCS0 -88 dBm at MCS1 -87 dBm at MCS2 -83 dBm at MCS3 -80 dBm at MCS4 -76 dBm at MCS5 -75 dBm at MCS6 -73 dBm at MCS7	5 GHz /HT-20 -96 dBm at MCS0 -93 dBm at MCS1 -91 dBm at MCS2 -88 dBm at MCS3 -85 dBm at MCS4 -81 dBm at MCS5 -79 dBm at MCS6 -78 dBm at MCS7	5 GHz /HT-40 -94 dBm at MCS0 -92 dBm at MCS1 -90 dBm at MCS2 -96 dBm at MCS3 -83 dBm at MCS4 -79 dBm at MCS5 -78 dBm at MCS6 -76 dBm at MCS7																				
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- IEEE 802.11ac:

VHT20	VHT40	VHT80	VHT160
-94 dBm at MCS0	-93 dBm at MCS0	-89 dBm at MCS0	-87 dBm at MCS0
-92 dBm at MCS1	-91 dBm at MCS1	-87 dBm at MCS1	-84 dBm at MCS1
-90 dBm at MCS2	-88 dBm at MCS2	-84 dBm at MCS2	-82 dBm at MCS2
-86 dBm at MCS3	-85 dBm at MCS3	-81 dBm at MCS3	-79 dBm at MCS3
-83 dBm at MCS4	-82 dBm at MCS4	-78 dBm at MCS4	-76 dBm at MCS4
-79 dBm at MCS5	-77 dBm at MCS5	-73 dBm at MCS5	-71 dBm at MCS5
-78 dBm at MCS6	-76 dBm at MCS6	-72 dBm at MCS6	-70 dBm at MCS6
-76 dBm at MCS7	-75 dBm at MCS7	-70 dBm at MCS7	-68 dBm at MCS7
-72 dBm at MCS8	-71 dBm at MCS8	-66 dBm at MCS8	-65 dBm at MCS8
	-69 dBm at MCS9	-64 dBm at MCS9	-63 dBm at MCS9

- IEEE 802.11ax:

5G/HE20	5G/HE40	5G/HE80	5G/HE160
-96 dBm at MCS0	-93 dBm at MCS0	-89 dBm at MCS0	-87 dBm at MCS0
-93 dBm at MCS1	-90 dBm at MCS1	-87 dBm at MCS1	-84 dBm at MCS1
-91 dBm at MCS2	-88 dBm at MCS2	-85 dBm at MCS2	-82 dBm at MCS2
-87 dBm at MCS3	-85 dBm at MCS3	-82 dBm at MCS3	-79 dBm at MCS3
-84 dBm at MCS4	-82 dBm at MCS4	-79 dBm at MCS4	-76 dBm at MCS4
-80 dBm at MCS5	-77 dBm at MCS5	-75 dBm at MCS5	-71 dBm at MCS5
-78 dBm at MCS6	-76 dBm at MCS6	-73 dBm at MCS6	-70 dBm at MCS6
-77 dBm at MCS7	-74 dBm at MCS7	-72 dBm at MCS7	-68 dBm at MCS7
-73 dBm at MCS8	-71 dBm at MCS8	-68 dBm at MCS8	-65 dBm at MCS8
-71 dBm at MCS9	-69 dBm at MCS9	-66 dBm at MCS9	-63 dBm at MCS9
-68 dBm at MCS10	-66 dBm at MCS10	-63 dBm at MCS10	-59 dBm at MCS10
-66 dBm at MCS11	-63 dBm at MCS11	-60 dBm at MCS11	-57 dBm at MCS11

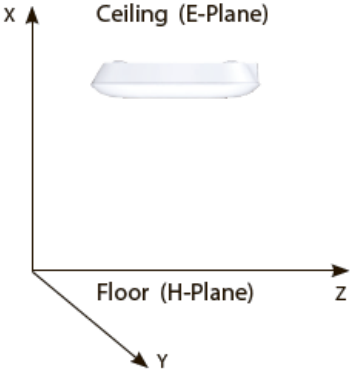
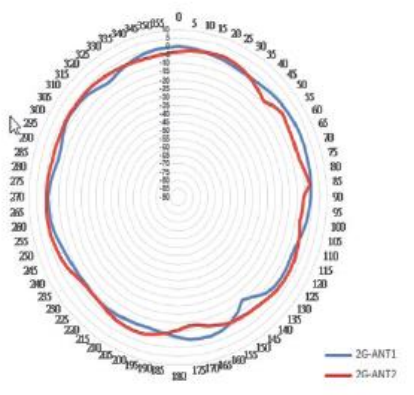
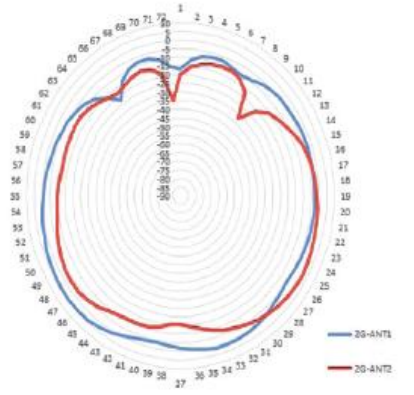
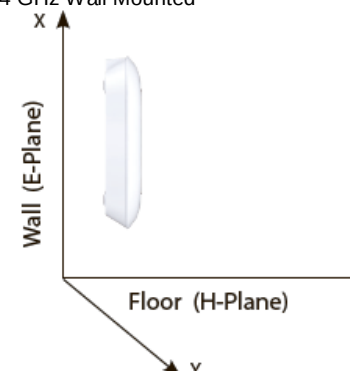
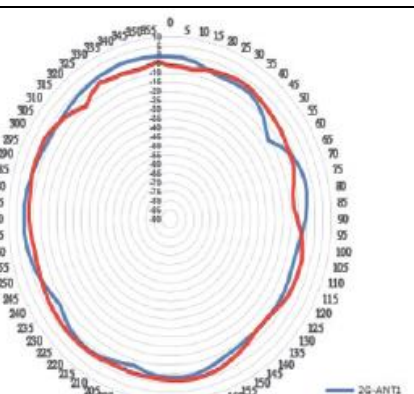
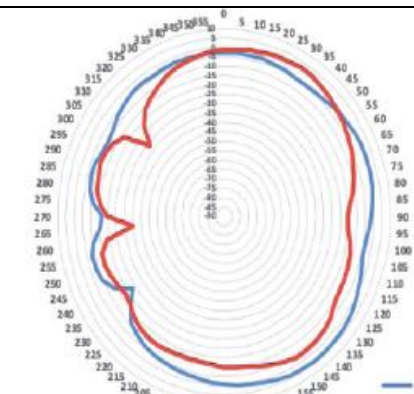
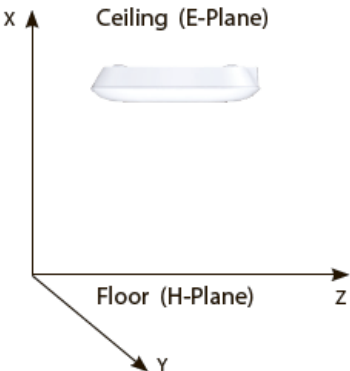
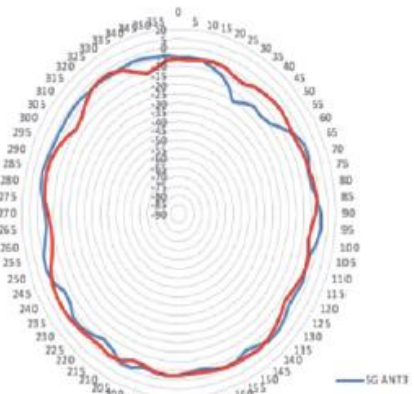
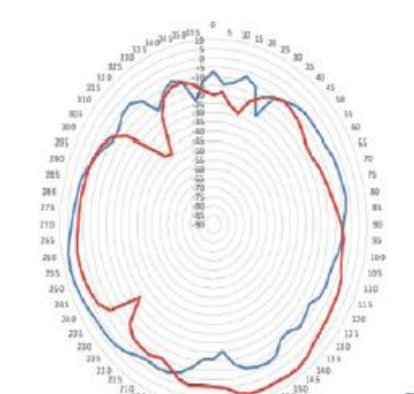
6G/HE20	6G/HE40	6G/HE80	6G/HE160
-95 dBm at MCS0	-92 dBm at MCS0	-89 dBm at MCS0	-86 dBm at MCS0
-92 dBm at MCS1	-89 dBm at MCS1	-86 dBm at MCS1	-83 dBm at MCS1
-90 dBm at MCS2	-87 dBm at MCS2	-84 dBm at MCS2	-81 dBm at MCS2
-86 dBm at MCS3	-84 dBm at MCS3	-81 dBm at MCS3	-78 dBm at MCS3
-83 dBm at MCS4	-81 dBm at MCS4	-78 dBm at MCS4	-75 dBm at MCS4
-79 dBm at MCS5	-77 dBm at MCS5	-74 dBm at MCS5	-71 dBm at MCS5
-77 dBm at MCS6	-75 dBm at MCS6	-73 dBm at MCS6	-70 dBm at MCS6
-76 dBm at MCS7	-73 dBm at MCS7	-71 dBm at MCS7	-68 dBm at MCS7
-72 dBm at MCS8	-70 dBm at MCS8	-67 dBm at MCS8	-65 dBm at MCS8
-71 dBm at MCS9	-68 dBm at MCS9	-66 dBm at MCS9	-63 dBm at MCS9
-67 dBm at MCS10	-65 dBm at MCS10	-62 dBm at MCS10	-59 dBm at MCS10
-65 dBm at MCS11	-62 dBm at MCS11	-60 dBm at MCS11	-57 dBm at MCS11

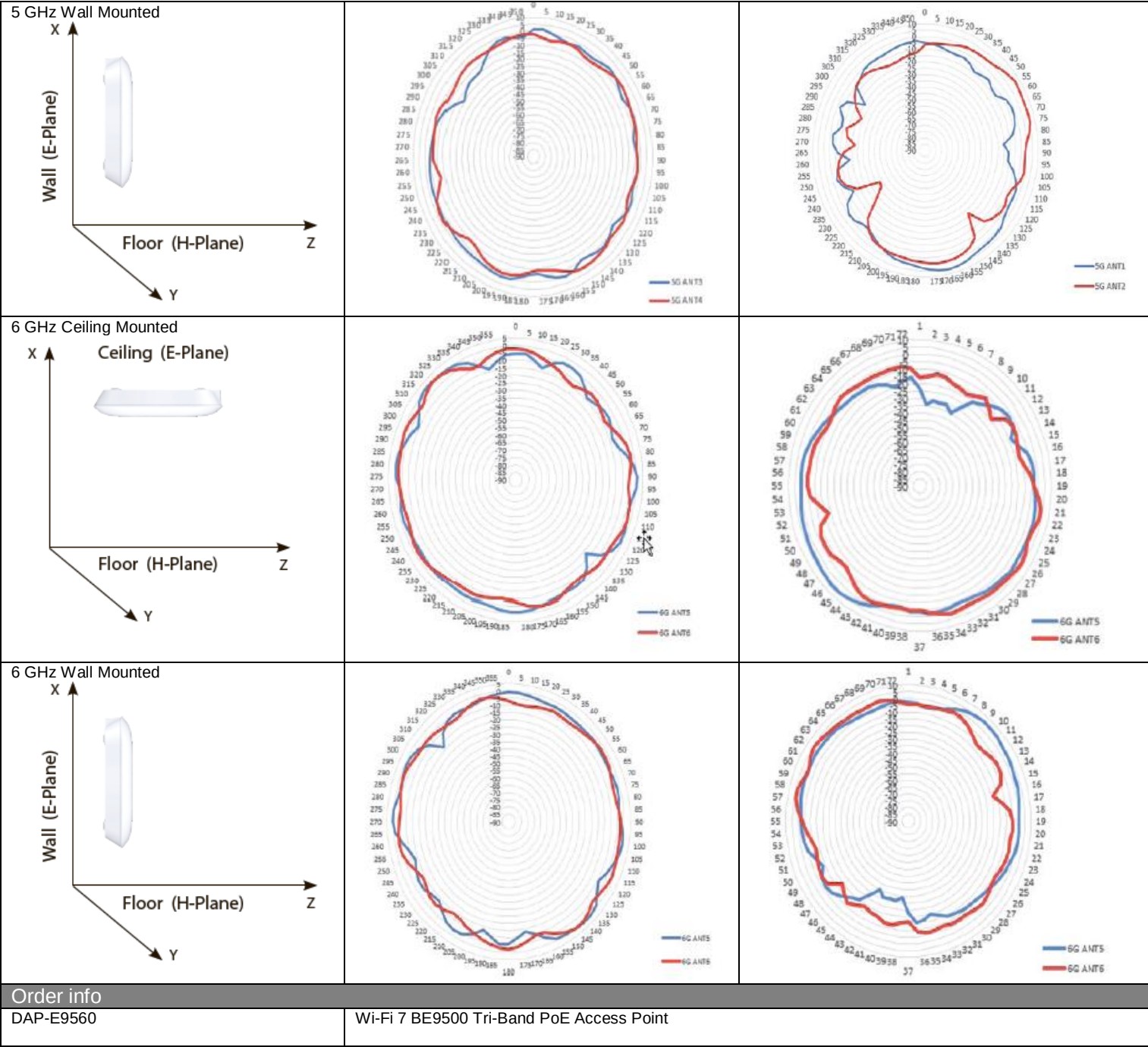
- IEEE 802.11be:

5G/EHT20	5G/EHT40	5G/EHT80	5G/EHT160
-96 dBm at MCS0	-93 dBm at MCS0	-89 dBm at MCS0	-87 dBm at MCS0
-93 dBm at MCS1	-90 dBm at MCS1	-87 dBm at MCS1	-84 dBm at MCS1
-91 dBm at MCS2	-88 dBm at MCS2	-85 dBm at MCS2	-82 dBm at MCS2
-87 dBm at MCS3	-85 dBm at MCS3	-82 dBm at MCS3	-79 dBm at MCS3
-84 dBm at MCS4	-82 dBm at MCS4	-79 dBm at MCS4	-76 dBm at MCS4
-80 dBm at MCS5	-77 dBm at MCS5	-75 dBm at MCS5	-71 dBm at MCS5
-78 dBm at MCS6	-76 dBm at MCS6	-73 dBm at MCS6	-70 dBm at MCS6
-77 dBm at MCS7	-74 dBm at MCS7	-72 dBm at MCS7	-68 dBm at MCS7
-73 dBm at MCS8	-71 dBm at MCS8	-68 dBm at MCS8	-65 dBm at MCS8
-71 dBm at MCS9	-69 dBm at MCS9	-66 dBm at MCS9	-63 dBm at MCS9
-68 dBm at MCS10	-66 dBm at MCS10	-63 dBm at MCS10	-59 dBm at MCS10
-66 dBm at MCS11	-63 dBm at MCS11	-60 dBm at MCS11	-57 dBm at MCS11

6G/EHT20	6G/EHT40	6G/EHT80	6G/EHT160
-94 dBm at MCS0	-92 dBm at MCS0	-88 dBm at MCS0	-86 dBm at MCS0
-92 dBm at MCS1	-89 dBm at MCS1	-86 dBm at MCS1	-83 dBm at MCS1
-90 dBm at MCS2	-87 dBm at MCS2	-84 dBm at MCS2	-81 dBm at MCS2
-86 dBm at MCS3	-84 dBm at MCS3	-81 dBm at MCS3	-78 dBm at MCS3
-83 dBm at MCS4	-81 dBm at MCS4	-78 dBm at MCS4	-75 dBm at MCS4
-79 dBm at MCS5	-77 dBm at MCS5	-74 dBm at MCS5	-71 dBm at MCS5
-77 dBm at MCS6	-73 dBm at MCS6	-71 dBm at MCS6	-69 dBm at MCS6
-76 dBm at MCS7	-72 dBm at MCS7	-70 dBm at MCS7	-68 dBm at MCS7
-71 dBm at MCS8	-68 dBm at MCS8	-66 dBm at MCS8	-64 dBm at MCS8
-70 dBm at MCS9	-67 dBm at MCS9	-65 dBm at MCS9	-63 dBm at MCS9
-67 dBm at MCS10	-62 dBm at MCS10	-60 dBm at MCS10	-57 dBm at MCS10
-65 dBm at MCS11	-61 dBm at MCS11	-59 dBm at MCS11	-56 dBm at MCS11
-58 dBm at MCS12	-57 dBm at MCS12	-55 dBm at MCS12	-54 dBm at MCS12
-57 dBm at MCS13	-56 dBm at MCS13	-54 dBm at MCS13	-53 dBm at MCS13

	6G/EHT320 -84 dBm at MCS0~3 -74 dBm at MCS4 -73 dBm at MCS5 -67 dBm at MCS6 -66 dBm at MCS7 -61 dBm at MCS8 -60 dBm at MCS9 -57 dBm at MCS10 -56 dBm at MCS11 -54 dBm at MCS12 -53 dBm at MCS13	
Functionality		
Network Management	- Web-based User Interface (HTTP/HTTPS) - Telnet - Secure Telnet (SSH) - Traffic control	- Nuclias Connect - Command Line Interface (CLI) - SNMP
Operating Modes	- Access Point - WDS	WDS with AP
Supported Features	- Quality of Service (QoS) - Multi-SSID - VLAN - Wireless intrusion - Internal RADIUS server - Band Steering - Airtime Fairness	- Fast Roaming (only when using Nuclias Connect controller) 802.11k/r Wi-Fi Roaming Protocols² - ARP Spoofing Prevention - Bandwidth Optimization - DHCP Server - MAC address access control - Wireless Multimedia (WMM)
Standards	- IEEE 802.3u - IEEE 802.3ab - IEEE 802.3az Energy-Efficient Ethernet (EEE)	IEEE 802.3at/802.3bt Power over Ethernet³
Physical Parameters		
Weight	1.152 kg	
Dimensions (L x W x H)	223.04 x 223.04 x 47.7 mm	
Operation Conditions		
Power Supply	- External Power Adapter (not included): 20V DC 2.25A - IEEE 802.3at/802.3bt PoE³	
Max Power Consumption	27.756 W	
Temperature	- Operating: 0 to 40 °C - Storage: -20 to 65 °C	
Humidity	- Operating: 10% to 90% (Non-condensing) - Storage: 5% to 95% (Non-condensing)	
Package Contents		
- DAP-E9560 Access Point - Mounting Plate and Hardware - Quick Start Guide		
Other		
Certifications	- FCC - IC - CE	- RCM - LVD

Antennas		
Orientation	H-Plane	E-Plane
2.4 GHz Ceiling Mounted Ceiling (E-Plane) 		
2.4 GHz Wall Mounted Wall (E-Plane) 		
5 GHz Ceiling Mounted Ceiling (E-Plane) 		



¹The available operating frequency ranges vary depending on the regulations of individual countries and jurisdictions. Some frequency ranges may be unavailable in certain regions.

²Available when managed by the Nuclias controller.

³Supports 802.3at power input. In this mode, the DAP-E9560 will disable the 2.5G Ethernet port and limit the 10G Ethernet port speed to 2.5G. However, it does not accept 802.3af power input mode.

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