



Huawei AP7060DN Access Point Datasheet

Product Overview

The AP7060DN is a cutting-edge 802.11ax wireless access point (AP) with built-in omnidirectional antennas. The device rate can reach up to 5.95 Gbps. On the 2.4 GHz band, the AP7060DN supports 4x4 MIMO and four spatial streams, achieving a rate of 1.15 Gbps. On the 5 GHz band, the AP7060DN supports 8x8 MIMO and eight spatial streams, achieving a rate of 4.8 Gbps. With its 10GE uplink interface, the AP7060DN can easily eliminate the bottleneck in upstream bandwidth of common APs, and is an industry-leading AP among similar products. The AP7060DN supports high-bandwidth services such as VR/AR all-interactive teaching, HD video streaming, multimedia, and desktop cloud, and provides high-quality wireless services for enterprises.



AP7060DN



AP7060DN installed with an external IoT module

- Provides services simultaneously on both the 2.4 GHz and 5 GHz bands, at a rate of up to 1.15 Gbps at 2.4 GHz, 4.8 Gbps at 5 GHz, and 5.95 Gbps for the device.
- Provides a 10GE uplink interface that supports 100M/1000M/2.5G/5G auto-sensing.
- Supports Bluetooth serial interface-based O&M through built-in Bluetooth and CloudCampus APP, and precise locating of Bluetooth terminals by collaborating with eSight.
- Provides a USB interface for external power supply and storage.
- Provides an external IoT module, allowing for flexible IoT application extension.
- Supports the Fat, Fit, and cloud modes and enables Huawei cloud-based management platform to manage and operate APs and services on the APs, reducing network O&M costs.

Feature Descriptions

10G uplink

- The AP provides a 10GE uplink interface, supporting the uplink bandwidth of over 5 Gbps.

IoT extension

- The AP provides an external IoT module that allows for extension of ZigBee and RFID, implementing short-distance, lower-power consumption IoT applications.

802.11ax standards compliance

- The AP supports 1024QAM modulation and 8x8 MIMO technology, achieving an air interface rate of 4.8 Gbps.
- OFDMA modulation enables multiple users to receive and send information at the same time, reducing the delay and improving network efficiency.

Cloud-based management

- Huawei Cloud Managed Network (CMN) Solution consists of the cloud management platform and a full range of cloud managed network devices. The cloud management platform provides various functions including management of APs, tenants, applications, and licenses, network planning and optimization, device monitoring, network service configuration, and value-added services.

High Density Boost technology

Huawei uses the following technologies to address challenges in high-density scenarios, including access problems, data congestion, and poor roaming experience:

SmartRadio for air interface optimization

- Load balancing during smart roaming: The load balancing algorithm can work during smart roaming for load balancing detection among APs on the network after STA roaming to adjust the STA load on each AP, improving network stability.
- Intelligent DFA technology: The dynamic frequency assignment (DFA) algorithm is used to automatically detect adjacent-channel and co-channel interference, and identify any 2.4 GHz redundant radio. Through automatic inter-AP negotiation, the redundant radio is automatically switched to another mode (dual-5G AP models support 2.4G-to-5G switchover) or is disabled to reduce 2.4 GHz co-channel interference and increase the system capacity.
- Intelligent conflict optimization technology: The dynamic enhanced distributed channel access (EDCA) and airtime scheduling algorithms are used to schedule the channel occupation time and service priority of each user. This ensures that each user is assigned relatively equal time for using channel resources and user services are scheduled in an orderly manner, improving service processing efficiency and user experience.

Air interface performance optimization

- In high-density scenarios where many users access the network, increased number of low-rate STAs consumes more resources on the air interface, reduces the AP capacity, and lowers user experience. Therefore, Huawei APs will check the signal strength of STAs during access and rejects access from weak-signal STAs. At the same time, the APs monitor the rate of online STAs in real time and forcibly disconnect low-rate STAs so that the STAs can reassociate with APs that have stronger signals. The terminal access control technology can increase air interface use efficiency and allow access from more users.

5G-prior access (Band steering)

- The APs support both 2.4G and 5G frequency bands. The 5G-prior access function enables an AP to steer STAs to the 5 GHz frequency band first, which reduces load and interference on the 2.4 GHz frequency band, improving user experience.

Wired and wireless dual security guarantee

To ensure data security, Huawei APs integrate wired and wireless security measures and provide comprehensive security protection.

Authentication and encryption for wireless access

- The APs support WEP, WPA/WPA2 - PSK, WPA/WPA2 - PPSK, WPA3-SAE, WPA/WPA2 - 802.1X, WPA3-802.1X and WAPI authentication/encryption modes to ensure security of the wireless network. The authentication mechanism is used to authenticate user identities so that only authorized users can access network resources. The encryption mechanism is used to encrypt data transmitted over wireless links to ensure that the data can only be received and parsed by expected users.

Analysis on no Wi-Fi interference sources

- Huawei APs can analyze the spectrum of no Wi-Fi interference sources and identify them, including baby monitors, Bluetooth devices, digital cordless phones (at 2.4 GHz frequency band only), wireless audio transmitters (at both the 2.4 GHz and 5 GHz frequency bands), wireless game controllers, and microwave ovens. Coupled with Huawei eSight, the precise locations of the interference sources can be detected, and the spectrum of them displayed, enabling the administrator to remove the interference in a timely manner.

Rogue device monitoring

- Huawei APs support WIDS/WIPS, and can monitor, identify, defend, counter, and perform refined management on the rogue devices, to provide security guarantees for air interface environment and wireless data transmission.

AP access authentication and encryption

- The AP access control ensures validity of APs. The CAPWAP link protection and DTLS encryption provide security assurance, improving data transmission security between the AP and the AC.

Automatic radio calibration

- Automatic radio calibration allows an AP to collect signal strength and channel parameters of surrounding APs and generate AP topology according to the collected data. Based on interference from authorized APs, rogue APs, and non-Wi-Fi interference sources, each AP automatically adjusts its transmit power and working channel to make the network operate at the optimal performance. In this way, network reliability and user experience are improved.

Automatic application identification

Huawei APs support smart application control technology and can implement visualized control on Layer 4 to Layer 7 applications.

Traffic identification

- Coupled with Huawei ACs, the APs can identify over 1600 common applications in various office scenarios. Based on the identification results, policy control can be implemented on user services, including priority adjustment, scheduling, blocking, and rate limiting to ensure efficient bandwidth resource use and improve quality of key services.

Traffic statistics collection

- Traffic statistics of each application can be collected globally, by SSID, or by user, enabling the network administrator to know application use status on the network. The network administrator or operator can implement visualized control on service applications on smart terminals to enhance security and ensure effective bandwidth control.

Basic Specifications

Fat/Fit AP mode

| Item | Description |
|---------------|---|
| WLAN features | Compliance with IEEE 802.11a/b/g/n/ac/ac Wave 2/ax Maximum rate of up to 5.95 Gbps Maximum ratio combining (MRC) Space time block code (STBC) Cyclic Delay Diversity (CDD)/Cyclic Shift Diversity (CSD) Beamforming MU-MIMO Downlink OFDMA Low-density parity-check (LDPC) Maximum-likelihood detection (MLD) Frame aggregation, including A-MPDU (Tx/Rx) and A-MSDU (Tx/Rx) 802.11 dynamic frequency selection (DFS) Short guard interval (GI) in 20 MHz, 40 MHz, 80 MHz, and 160 MHz modes Priority mapping and packet scheduling based on a Wi-Fi Multimedia (WMM) profile to implement priority-based data processing and forwarding Automatic and manual rate adjustment WLAN channel management and channel rate adjustment Automatic channel scanning and interference avoidance Service set identifier (SSID) hiding Signal sustain technology (SST) Unscheduled automatic power save delivery (U-APSD) Control and Provisioning of Wireless Access Points (CAPWAP) in Fit AP mode Automatic login in Fit AP mode Extended Service Set (ESS) in Fit AP mode Multi-user CAC 802.11k and 802.11v smart roaming 802.11r fast roaming (≤ 50 ms) WAN authentication escape. In local forwarding mode, this function retains the online state of existing STAs and allows access of new STAs when APs are disconnected from an AC, ensuring |

| Item | Description |
|-------------------|--|
| | service continuity. |
| Network features | <p>Compliance with IEEE 802.3ab</p> <p>Auto-negotiation of the rate and duplex mode and automatic switchover between the Media Dependent Interface (MDI) and Media Dependent Interface Crossover (MDI-X)</p> <p>Compliance with IEEE 802.1Q</p> <p>SSID-based VLAN assignment</p> <p>VLAN trunk on uplink Ethernet ports</p> <p>Management channel of the AP uplink port in tagged and untagged mode</p> <p>DHCP client, obtaining IP addresses through DHCP</p> <p>Tunnel data forwarding and direct data forwarding</p> <p>STA isolation in the same VLAN</p> <p>Access control lists (ACLs)</p> <p>Link Layer Discovery Protocol (LLDP)</p> <p>Uninterrupted service forwarding upon CAPWAP channel disconnection in Fit AP mode</p> <p>Unified authentication on the AC in Fit AP mode</p> <p>AC dual-link backup in Fit AP mode</p> <p>Network Address Translation (NAT) in Fat AP mode</p> <p>IPv6 in Fit AP mode</p> <p>Soft Generic Routing Encapsulation (GRE)</p> <p>IPv6 Source Address Validation Improvements (SAVI)</p> <p>Multicast Domain Name Service (mDNS) gateway protocol</p> |
| QoS features | <p>Priority mapping and packet scheduling based on a Wi-Fi Multimedia (WMM) profile to implement priority-based data processing and forwarding</p> <p>WMM parameter management for each radio</p> <p>WMM power saving</p> <p>Priority mapping for upstream packets and flow-based mapping for downstream packets</p> <p>Queue mapping and scheduling</p> <p>User-based bandwidth limiting</p> <p>Adaptive bandwidth management (automatic bandwidth adjustment based on the user quantity and radio environment) to improve user experience</p> <p>Smart Application Control (SAC) in Fit AP mode</p> <p>Airtime scheduling</p> |
| Security features | <p>Open system authentication</p> <p>WEP authentication/encryption using a 64-bit, 128-bit, or 152-bit encryption key</p> <p>WPA/WPA2-PSK authentication and encryption (WPA/WPA2 personal edition)</p> <p>WPA3-SAE authentication and encryption (WPA3 personal edition)</p> <p>WPA/WPA2-802.1X authentication and encryption (WPA/WPA2 enterprise edition)</p> <p>WPA3-802.1X authentication and encryption (WPA3 enterprise edition)</p> <p>WPA-WPA2 hybrid authentication</p> <p>WPA2-WPA3 hybrid authentication</p> <p>WPA/WPA2-PPSK authentication and encryption in Fit AP mode</p> <p>WAPI authentication and encryption</p> <p>Wireless intrusion detection system (WIDS) and wireless intrusion prevention system (WIPS), including rogue device detection and countermeasure, attack detection and dynamic blacklist, and STA/AP blacklist and whitelist</p> |

| Item | Description |
|----------------------|---|
| | <p>802.1X authentication, MAC address authentication, and Portal authentication</p> <p>DHCP snooping</p> <p>Dynamic ARP Inspection (DAI)</p> <p>IP Source Guard (IPSG)</p> <p>802.11w Protected Management Frames (PMFs)</p> <p>Application identification</p> |
| Maintenance features | <p>Unified management and maintenance on the AC in Fit AP mode</p> <p>Automatic login and configuration loading, and plug-and-play (PnP) in Fit AP mode</p> <p>Batch upgrade in Fit AP mode</p> <p>Telnet</p> <p>STelnet using SSH v2</p> <p>SFTP using SSH v2</p> <p>Local AP management through the serial interface</p> <p>Web local AP management through HTTP or HTTPS in Fat AP mode</p> <p>Real-time configuration monitoring and fast fault location using the NMS</p> <p>SNMP v1/v2/v3 in Fat AP mode</p> <p>System status alarm</p> <p>Network Time Protocol (NTP) in Fat AP mode</p> |
| BYOD | <p>NOTE</p> <p><i>The AP supports bring your own device (BYOD) only in Fit AP mode.</i></p> <p>Identifies the device type according to the organizationally unique identifier (OUI) in the MAC address.</p> <p>Identifies the device type according to the user agent (UA) information in an HTTP packet.</p> <p>Identifies the device type according to DHCP options.</p> <p>The RADIUS server delivers packet forwarding, security, and QoS policies according to the device type carried in the RADIUS authentication and accounting packets.</p> |
| Location service | <p>NOTE</p> <p><i>The AP supports the locating service only in Fit AP mode.</i></p> <p>Locates tags manufactured by AeroScout or Ekahau.</p> <p>Locates Wi-Fi terminals.</p> <p>Works with eSight to locate rogue devices.</p> |
| Spectrum analysis | <p>NOTE</p> <p><i>The AP supports spectrum analysis only in Fit AP mode.</i></p> <p>Identifies interference sources such as baby monitors, Bluetooth devices, digital cordless phones (at 2.4 GHz frequency band only), wireless audio transmitters (at both the 2.4 GHz and 5 GHz frequency bands), wireless game controllers, and microwaves.</p> <p>Works with eSight to perform spectrum analysis on interference sources.</p> |

Cloud-based management mode

| Item | Description |
|---------------|---|
| WLAN features | <p>Compliance with IEEE 802.11a/b/g/n/ac/ac Wave 2/ax</p> <p>Maximum rate of up to 5.95 Gbps</p> <p>Maximum ratio combining (MRC)</p> |

| Item | Description |
|-------------------|---|
| | <p>Space time block code (STBC)</p> <p>MU-MIMO</p> <p>Downlink OFDMA</p> <p>Beamforming</p> <p>Low-density parity-check (LDPC)</p> <p>Maximum-likelihood detection (MLD)</p> <p>Frame aggregation, including A-MPDU (Tx/Rx) and A-MSDU (Tx/Rx)</p> <p>802.11 dynamic frequency selection (DFS)</p> <p>Priority mapping and packet scheduling based on a Wi-Fi Multimedia (WMM) profile to implement priority-based data processing and forwarding</p> <p>WLAN channel management and channel rate adjustment</p> <p>NOTE</p> <p><i>For detailed management channels, see the Country Code & Channel Compliance Table.</i></p> <p>Automatic channel scanning and interference avoidance</p> <p>Service set identifier (SSID) hiding</p> <p>Signal sustain technology (SST)</p> <p>Unscheduled automatic power save delivery (U-APSD)</p> <p>Automatic login</p> |
| Network features | <p>Compliance with IEEE 802.3ab</p> <p>Auto-negotiation of the rate and duplex mode and automatic switchover between the Media Dependent Interface (MDI) and Media Dependent Interface Crossover (MDI-X)</p> <p>Compliance with IEEE 802.1Q</p> <p>SSID-based VLAN assignment</p> <p>DHCP client, obtaining IP addresses through DHCP</p> <p>STA isolation in the same VLAN</p> <p>Access control lists (ACLs)</p> <p>Unified authentication on the Agile Controller</p> <p>Network Address Translation (NAT)</p> |
| QoS features | <p>Priority mapping and packet scheduling based on a Wi-Fi Multimedia (WMM) profile to implement priority-based data processing and forwarding</p> <p>WMM parameter management for each radio</p> <p>WMM power saving</p> <p>Priority mapping for upstream packets and flow-based mapping for downstream packets</p> <p>Queue mapping and scheduling</p> <p>User-based bandwidth limiting</p> <p>Airtime scheduling</p> |
| Security features | <p>Open system authentication</p> <p>WEP authentication/encryption using a 64-bit, 128-bit, or 152-bit encryption key</p> <p>WPA/WPA2-PSK authentication and encryption (WPA/WPA2 personal edition)</p> <p>WPA3-SAE authentication and encryption (WPA3 personal edition)</p> <p>WPA/WPA2-802.1X authentication and encryption (WPA/WPA2 enterprise edition)</p> <p>WPA3-802.1X authentication and encryption (WPA3 enterprise edition)</p> <p>WPA-WPA2 hybrid authentication</p> <p>WPA2-WPA3 hybrid authentication</p> <p>WPA/WPA2-PPSK authentication and encryption</p> |

| Item | Description |
|----------------------|---|
| | 802.1X authentication, MAC address authentication, and Portal authentication DHCP snooping Dynamic ARP Inspection (DAI) IP Source Guard (IPSG) |
| Maintenance features | Unified management and maintenance on Agile Controller Automatic login and configuration loading, and plug-and-play (PnP) Batch upgrade Telnet STelnet using SSH v2 SFTP using SSH v2 Local AP management through the serial interface Web local AP management through HTTP or HTTPS Real-time configuration monitoring and fast fault location using the NMS System status alarm Network Time Protocol (NTP) |

Technical Specifications

| Item | Description | | | |
|------------------------------|---------------------------|--|--|--|
| Technical specifications | Dimensions (H x W x D) | 57 mm x 220 mm x 220 mm | | |
| | Weight | 1.8 kg | | |
| | Interface type | 1 x 10/100/1000M self-adaptive Ethernet interface (RJ45) 1 x 100/1000M/2.5G/5G/10G self-adaptive Ethernet interface (RJ45) 1 x management console port (RJ45) 1 x USB interface | | |
| | External IoT module | 1 x External IoT module (supporting ZigBee and RFID) | | |
| | Built-in Bluetooth | BLE5.0 | | |
| | LED indicator | Indicates the power-on, startup, running, alarm, and fault states of the system. | | |
| Power specifications | Power input | <ul style="list-style-type: none"> DC: 42.5 V to 57 V PoE power supply: In compliance with 802.3 at/bt NOTE <i>When 802.3at is used, the IoT and USB ports are disabled.</i> | | |
| | Maximum power consumption | <ul style="list-style-type: none"> 25.4 W (excluding USB and IoT) NOTE <i>The actual maximum power consumption depends on local laws and regulations.</i> | | |
| Environmental specifications | Operating temperature | -10°C to +50°C | | |
| | Storage temperature | -40°C to +70°C | | |
| | Operating humidity | 5% to 95% (non-condensing) | | |

| Item | Description | | |
|----------------------|--|--|--|
| | Dustproof and waterproof grade | IP41 | |
| | Altitude | -60 m to +5000 m | |
| | Atmospheric pressure | 53 kPa to 106 kPa | |
| Radio specifications | Antenna type | Built-in dual-band omnidirectional antennas | |
| | Antenna gain | 2.4GHz: 4.6dBi 5GHz: 5.6dBi NOTE 1. The gains above are the single-antenna peak gains. 2. The equivalent antenna gain after all 2.4 GHz or 5 GHz antennas are combined is 4 dBi in 2.4 GHz or 2 dBi in 5 GHz. | |
| | Maximum number of SSIDs for each radio | ≤ 16 | |
| | Maximum number of users | ≤ 512 NOTE <i>The actual number of users varies according to the environment.</i> | |
| | Maximum transmit power | 2.4G: 24 dBm (combined power) 5G: 27 dBm (combined power) NOTE <i>The actual transmit power depends on local laws and regulations.</i> | |
| | Power increment | 1 dBm | |
| | Maximum number of non-overlapping channels | 2.4 GHz (2.412 GHz to 2.472 GHz) <ul style="list-style-type: none"> • 802.11b/g <ul style="list-style-type: none"> - 20 MHz: 3 • 802.11n <ul style="list-style-type: none"> - 20 MHz: 3 - 40 MHz: 1 • 802.11ax <ul style="list-style-type: none"> - 20 MHz: 3 - 40 MHz: 1 5 GHz (5.18 GHz to 5.825 GHz) <ul style="list-style-type: none"> • 802.11a <ul style="list-style-type: none"> - 20 MHz: 13 • 802.11n <ul style="list-style-type: none"> - 20 MHz: 13 - 40 MHz: 6 • 802.11ac <ul style="list-style-type: none"> - 20 MHz: 13 - 40 MHz: 6 - 80 MHz: 3 - 160 MHz: 1 • 802.11ax <ul style="list-style-type: none"> - 20 MHz: 13 | |

| Item | Description | | |
|------|----------------------|--|--|
| | | <ul style="list-style-type: none"> - 40 MHz: 6 - 80 MHz: 3 - 160 MHz: 1 <p>NOTE</p> <p><i>The table uses the number of non-overlapping channels supported by China as an example. The number of non-overlapping channels varies in different countries. For details, see the Country Codes & Channels Compliance</i></p> | |
| | Receiver sensitivity | <ul style="list-style-type: none"> • 2.4G 802.11b:-104dBm/1LMbit/s;-102dBm/2Mbit/s;-98dBm/5.5Mbit/s;-95dBm/11SMbit/s; • 2.4G 802.11g:-97dBm/6Mbit/s;-94dBm/9Mbit/s;-91dBm/12Mbit/s;-88dBm/18Mbit/s;-86dBm/24Mbit/s;-84dBm/36Mbit/s;-82dBm/48Mbit/s;-81dBm/54Mbit/s; • 2.4G 802.11a:-99dBm/6Mbit/s;-98dBm/9Mbit/s;-94dBm/12Mbit/s;-92dBm/18Mbit/s;-90dBm/24Mbit/s;-87dBm/36Mbit/s;-83dBm/48Mbit/s;-83dBm/54Mbit/s; • 2.4GHz 802.11n (HT20):-97dBm/MCS0Mbit/s;-94dBm/MCS1Mbit/s;-91dBm/MCS2Mbit/s;-88dBm/MCS3Mbit/s;-86dBm/MCS4Mbit/s;-84dBm/MCS5Mbit/s;-82dBm/MCS6Mbit/s;-81dBm/MCS7Mbit/s;-96dBm/MCS8Mbit/s;-93dBm/MCS9Mbit/s;-90dBm/MCS10Mbit/s;-87dBm/MCS11Mbit/s;-85dBm/MCS12Mbit/s;-83dBm/MCS13Mbit/s;-81dBm/MCS14Mbit/s;-80dBm/MCS15Mbit/s;-95dBm/MCS16Mbit/s;-92dBm/MCS17Mbit/s;-89dBm/MCS18Mbit/s;-86dBm/MCS19Mbit/s;-84dBm/MCS20Mbit/s;-82dBm/MCS21Mbit/s;-80dBm/MCS22Mbit/s;-79dBm/MCS23Mbit/s;-94dBm/MCS24Mbit/s;-91dBm/MCS25Mbit/s;-88dBm/MCS26Mbit/s;-85dBm/MCS27Mbit/s;-83dBm/MCS28Mbit/s;-81dBm/MCS29Mbit/s;-79dBm/MCS30Mbit/s;-78dBm/MCS31Mbit/s; • 2.4GHz 802.11n (HT40):-94dBm/MCS0Mbit/s;-91dBm/MCS1Mbit/s;-88dBm/MCS2Mbit/s;-85dBm/MCS3Mbit/s;-83dBm/MCS4Mbit/s;-81dBm/MCS5Mbit/s;-79dBm/MCS6Mbit/s;-78dBm/MCS7Mbit/s;-93dBm/MCS8Mbit/s;-90dBm/MCS9Mbit/s;-87dBm/MCS10Mbit/s;-84dBm/MCS11Mbit/s;-82dBm/MCS12Mbit/s;-80dBm/MCS13Mbit/s;-78dBm/MCS14Mbit/s;-77dBm/MCS15Mbit/s;-92dBm/MCS16Mbit/s;-89dBm/MCS17Mbit/s;-86dBm/MCS18Mbit/s;-83dBm/MCS19Mbit/s;-81dBm/MCS20Mbit/s;-79dBm/MCS21Mbit/s;-77dBm/MCS22Mbit/s;-76dBm/MCS23Mbit/s;-91dBm/MCS24Mbit/s;-88dBm/MCS25Mbit/s;-85dBm/MCS26Mbit/s;-82dBm/MCS27Mbit/s;-80dBm/MCS28Mbit/s;-78dBm/MCS29Mbit/s;-76dBm/MCS30Mbit/s;-75dBm/MCS31Mbit/s; • 2.4GHz (VHT20):-97dBm/MCS0NSS1Mbit/s;-94dBm/MCS1NSS1Mbit/s;-91dBm/MCS2NSS1Mbit/s;-88dBm/MCS3NSS1Mbit/s;-86dBm/MCS4NSS1Mbit/s;-84dBm/MCS5NSS1Mbit/s;-82dBm/MCS6NSS1Mbit/s;-81dBm/MCS7NSS1Mbit/s;-76dBm/MCS8NSS1Mbit/s;-96dBm/MCS0NSS2Mbit/s;-93dBm/MCS1NSS2Mbit/s;-90dBm/MCS2NSS2Mbit/s;-87dBm/MCS3NSS2Mbit/s;-85dBm/MCS4NSS2Mbit/s;-83dBm/MCS5NSS2Mbit/s;-81dBm/MCS6NSS2Mbit/s;-80dBm/MCS7NSS2Mbit/s;-75dBm/MCS8NSS2Mbit/s;-95dBm/MCS0NSS3Mbit/s;-92dBm/MCS1NSS3Mbit/s;-89dBm/MCS2NSS3Mbit/s;-86dBm/MCS3NSS3Mbit/s;-84dBm/MCS4NSS3Mbit/s;-82dBm/MCS5NSS3Mbit/s;-80dBm/MCS6NSS3Mbit/s;-79dBm/MCS7NSS3Mbit/s;-74dBm/MCS8NSS3Mbit/s;-94dBm/MCS0NSS4Mbit/s;-91dBm/MCS1NSS4Mbit/s;-88dBm/MCS2NSS4Mbit/s;-85dBm/MCS3NSS4Mbit/s;-83dBm/MCS4NSS4Mbit/s;-81dBm/MCS5NSS4Mbit/s;-79dBm/MCS6NSS4Mbit/s;-78dBm/MCS7NSS4Mbit/s;- | |

| Item | Description | |
|------|-------------|---|
| | | <p>73dBm/MCS8NSS4Mbit/s;</p> <ul style="list-style-type: none"> • 2.4GHz (VHT40):-94dBm/MCS0NSS1Mbit/s;- 91dBm/MCS1NSS1Mbit/s;-88dBm/MCS2NSS1Mbit/s;- 85dBm/MCS3NSS1Mbit/s;-83dBm/MCS4NSS1Mbit/s;- 81dBm/MCS5NSS1Mbit/s;-79dBm/MCS6NSS1Mbit/s;- 78dBm/MCS7NSS1Mbit/s;-73dBm/MCS8NSS1Mbit/s;- 72dBm/MCS9NSS1Mbit/s;-93dBm/MCS0NSS2Mbit/s;- 90dBm/MCS1NSS2Mbit/s;-87dBm/MCS2NSS2Mbit/s;- 84dBm/MCS3NSS2Mbit/s;-82dBm/MCS4NSS2Mbit/s;- 80dBm/MCS5NSS2Mbit/s;-78dBm/MCS6NSS2Mbit/s;- 77dBm/MCS7NSS2Mbit/s;-72dBm/MCS8NSS2Mbit/s;- 71dBm/MCS9NSS2Mbit/s;-92dBm/MCS0NSS3Mbit/s;- 89dBm/MCS1NSS3Mbit/s;-86dBm/MCS2NSS3Mbit/s;- 83dBm/MCS3NSS3Mbit/s;-81dBm/MCS4NSS3Mbit/s;- 79dBm/MCS5NSS3Mbit/s;-77dBm/MCS6NSS3Mbit/s;- 76dBm/MCS7NSS3Mbit/s;-71dBm/MCS8NSS3Mbit/s;- 70dBm/MCS9NSS3Mbit/s;-91dBm/MCS0NSS4Mbit/s;- 88dBm/MCS1NSS4Mbit/s;-85dBm/MCS2NSS4Mbit/s;- 82dBm/MCS3NSS4Mbit/s;-80dBm/MCS4NSS4Mbit/s;- 78dBm/MCS5NSS4Mbit/s;-76dBm/MCS6NSS4Mbit/s;- 75dBm/MCS7NSS4Mbit/s;-70dBm/MCS8NSS4Mbit/s;- 69dBm/MCS9NSS4Mbit/s; • 2.4GHz (HE20):-97dBm/MCS0NSS1Mbit/s;- 94dBm/MCS1NSS1Mbit/s;-91dBm/MCS2NSS1Mbit/s;- 88dBm/MCS3NSS1Mbit/s;-86dBm/MCS4NSS1Mbit/s;- 84dBm/MCS5NSS1Mbit/s;-82dBm/MCS6NSS1Mbit/s;- 81dBm/MCS7NSS1Mbit/s;-77dBm/MCS8NSS1Mbit/s;- 76dBm/MCS9NSS1Mbit/s;-71dBm/MCS10NSS1Mbit/s;- 71dBm/MCS11NSS1Mbit/s;-96dBm/MCS0NSS2Mbit/s;- 93dBm/MCS1NSS2Mbit/s;-90dBm/MCS2NSS2Mbit/s;- 87dBm/MCS3NSS2Mbit/s;-85dBm/MCS4NSS2Mbit/s;- 83dBm/MCS5NSS2Mbit/s;-81dBm/MCS6NSS2Mbit/s;- 80dBm/MCS7NSS2Mbit/s;-76dBm/MCS8NSS2Mbit/s;- 75dBm/MCS9NSS2Mbit/s;-70dBm/MCS10NSS2Mbit/s;- 70dBm/MCS11NSS2Mbit/s;-95dBm/MCS0NSS3Mbit/s;- 92dBm/MCS1NSS3Mbit/s;-89dBm/MCS2NSS3Mbit/s;- 86dBm/MCS3NSS3Mbit/s;-84dBm/MCS4NSS3Mbit/s;- 82dBm/MCS5NSS3Mbit/s;-80dBm/MCS6NSS3Mbit/s;- 79dBm/MCS7NSS3Mbit/s;-75dBm/MCS8NSS3Mbit/s;- 74dBm/MCS9NSS3Mbit/s;-69dBm/MCS10NSS3Mbit/s;- 69dBm/MCS11NSS3Mbit/s;-94dBm/MCS0NSS4Mbit/s;- 91dBm/MCS1NSS4Mbit/s;-88dBm/MCS2NSS4Mbit/s;- 85dBm/MCS3NSS4Mbit/s;-83dBm/MCS4NSS4Mbit/s;- 81dBm/MCS5NSS4Mbit/s;-79dBm/MCS6NSS4Mbit/s;- 78dBm/MCS7NSS4Mbit/s;-74dBm/MCS8NSS4Mbit/s;- 73dBm/MCS9NSS4Mbit/s;-68dBm/MCS10NSS4Mbit/s;- 68dBm/MCS11NSS4Mbit/s; • 2.4GHz (HE40):-94dBm/MCS0NSS1Mbit/s;- 91dBm/MCS1NSS1Mbit/s;-88dBm/MCS2NSS1Mbit/s;- 85dBm/MCS3NSS1Mbit/s;-83dBm/MCS4NSS1Mbit/s;- 81dBm/MCS5NSS1Mbit/s;-79dBm/MCS6NSS1Mbit/s;- 78dBm/MCS7NSS1Mbit/s;-74dBm/MCS8NSS1Mbit/s;- 73dBm/MCS9NSS1Mbit/s;-68dBm/MCS10NSS1Mbit/s;- 68dBm/MCS11NSS1Mbit/s;-93dBm/MCS0NSS2Mbit/s;- 90dBm/MCS1NSS2Mbit/s;-87dBm/MCS2NSS2Mbit/s;- 84dBm/MCS3NSS2Mbit/s;-82dBm/MCS4NSS2Mbit/s;- 80dBm/MCS5NSS2Mbit/s;-78dBm/MCS6NSS2Mbit/s;- 77dBm/MCS7NSS2Mbit/s;-73dBm/MCS8NSS2Mbit/s;- 72dBm/MCS9NSS2Mbit/s;-67dBm/MCS10NSS2Mbit/s;- |

| Item | Description |
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| | <p>67dBm/MCS11NSS2Mbit/s;-92dBm/MCS0NSS3Mbit/s;-89dBm/MCS1NSS3Mbit/s;-86dBm/MCS2NSS3Mbit/s;-83dBm/MCS3NSS3Mbit/s;-81dBm/MCS4NSS3Mbit/s;-79dBm/MCS5NSS3Mbit/s;-77dBm/MCS6NSS3Mbit/s;-76dBm/MCS7NSS3Mbit/s;-72dBm/MCS8NSS3Mbit/s;-71dBm/MCS9NSS3Mbit/s;-66dBm/MCS10NSS3Mbit/s;-66dBm/MCS11NSS3Mbit/s;-91dBm/MCS0NSS4Mbit/s;-88dBm/MCS1NSS4Mbit/s;-85dBm/MCS2NSS4Mbit/s;-82dBm/MCS3NSS4Mbit/s;-80dBm/MCS4NSS4Mbit/s;-78dBm/MCS5NSS4Mbit/s;-76dBm/MCS6NSS4Mbit/s;-75dBm/MCS7NSS4Mbit/s;-71dBm/MCS8NSS4Mbit/s;-70dBm/MCS9NSS4Mbit/s;-65dBm/MCS10NSS4Mbit/s;-65dBm/MCS11NSS4Mbit/s;</p> <ul style="list-style-type: none"> • 5GHz 802.11n (HT20):-99dBm/MCS0Mbit/s;-94dBm/MCS1Mbit/s;-92dBm/MCS2Mbit/s;-90dBm/MCS3Mbit/s;-87dBm/MCS4Mbit/s;-84dBm/MCS5Mbit/s;-83dBm/MCS6Mbit/s;-81dBm/MCS7Mbit/s;-98dBm/MCS8Mbit/s;-93dBm/MCS9Mbit/s;-91dBm/MCS10Mbit/s;-89dBm/MCS11Mbit/s;-86dBm/MCS12Mbit/s;-83dBm/MCS13Mbit/s;-82dBm/MCS14Mbit/s;-80dBm/MCS15Mbit/s;-98dBm/MCS16Mbit/s;-92dBm/MCS17Mbit/s;-90dBm/MCS18Mbit/s;-89dBm/MCS19Mbit/s;-86dBm/MCS20Mbit/s;-83dBm/MCS21Mbit/s;-82dBm/MCS22Mbit/s;-80dBm/MCS23Mbit/s;-96dBm/MCS24Mbit/s;-91dBm/MCS25Mbit/s;-89dBm/MCS26Mbit/s;-87dBm/MCS27Mbit/s;-84dBm/MCS28Mbit/s;-81dBm/MCS29Mbit/s;-80dBm/MCS30Mbit/s;-78dBm/MCS31Mbit/s; • 5GHz 802.11n (HT40):-97dBm/MCS0Mbit/s;-92dBm/MCS1Mbit/s;-88dBm/MCS2Mbit/s;-87dBm/MCS3Mbit/s;-84dBm/MCS4Mbit/s;-81dBm/MCS5Mbit/s;-80dBm/MCS6Mbit/s;-78dBm/MCS7Mbit/s;-95dBm/MCS8Mbit/s;-90dBm/MCS9Mbit/s;-88dBm/MCS10Mbit/s;-86dBm/MCS11Mbit/s;-83dBm/MCS12Mbit/s;-80dBm/MCS13Mbit/s;-79dBm/MCS14Mbit/s;-77dBm/MCS15Mbit/s;-95dBm/MCS16Mbit/s;-89dBm/MCS17Mbit/s;-87dBm/MCS18Mbit/s;-86dBm/MCS19Mbit/s;-83dBm/MCS20Mbit/s;-80dBm/MCS21Mbit/s;-79dBm/MCS22Mbit/s;-76dBm/MCS23Mbit/s;-92dBm/MCS24Mbit/s;-88dBm/MCS25Mbit/s;-86dBm/MCS26Mbit/s;-84dBm/MCS27Mbit/s;-81dBm/MCS28Mbit/s;-78dBm/MCS29Mbit/s;-77dBm/MCS30Mbit/s;-75dBm/MCS31Mbit/s; • 5GHz 802.11ac (VHT20):-99dBm/MCS0NSS1Mbit/s;-94dBm/MCS1NSS1Mbit/s;-92dBm/MCS2NSS1Mbit/s;-90dBm/MCS3NSS1Mbit/s;-87dBm/MCS4NSS1Mbit/s;-84dBm/MCS5NSS1Mbit/s;-83dBm/MCS6NSS1Mbit/s;-81dBm/MCS7NSS1Mbit/s;-79dBm/MCS8NSS1Mbit/s;-98dBm/MCS0NSS2Mbit/s;-93dBm/MCS1NSS2Mbit/s;-91dBm/MCS2NSS2Mbit/s;-89dBm/MCS3NSS2Mbit/s;-86dBm/MCS4NSS2Mbit/s;-83dBm/MCS5NSS2Mbit/s;-82dBm/MCS6NSS2Mbit/s;-80dBm/MCS7NSS2Mbit/s;-78dBm/MCS8NSS2Mbit/s;-98dBm/MCS0NSS3Mbit/s;-91dBm/MCS1NSS3Mbit/s;-90dBm/MCS2NSS3Mbit/s;-89dBm/MCS3NSS3Mbit/s;-86dBm/MCS4NSS3Mbit/s;-83dBm/MCS5NSS3Mbit/s;-81dBm/MCS6NSS3Mbit/s;-79dBm/MCS7NSS3Mbit/s;-77dBm/MCS8NSS3Mbit/s;-97dBm/MCS0NSS4Mbit/s;-91dBm/MCS1NSS4Mbit/s;-90dBm/MCS2NSS4Mbit/s;-88dBm/MCS3NSS4Mbit/s;-86dBm/MCS4NSS4Mbit/s;-83dBm/MCS5NSS4Mbit/s;-81dBm/MCS6NSS4Mbit/s;-79dBm/MCS7NSS4Mbit/s;-76dBm/MCS8NSS4Mbit/s;-97dBm/MCS0NSS5Mbit/s;-91dBm/MCS1NSS5Mbit/s;-90dBm/MCS2NSS5Mbit/s;-88dBm/MCS3NSS5Mbit/s;-86dBm/MCS4NSS5Mbit/s;-82dBm/MCS5NSS5Mbit/s;-80dBm/MCS6NSS5Mbit/s;-78dBm/MCS7NSS5Mbit/s;-75dBm/MCS8NSS5Mbit/s;-95dBm/MCS0NSS6Mbit/s;-91dBm/MCS1NSS6Mbit/s;- |

| Item | Description |
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| | <p>90dBm/MCS2NSS6Mbit/s;-86dBm/MCS3NSS6Mbit/s;-85dBm/MCS4NSS6Mbit/s;-81dBm/MCS5NSS6Mbit/s;-79dBm/MCS6NSS6Mbit/s;-77dBm/MCS7NSS6Mbit/s;-74dBm/MCS8NSS6Mbit/s;-94dBm/MCS0NSS7Mbit/s;-91dBm/MCS1NSS7Mbit/s;-90dBm/MCS2NSS7Mbit/s;-86dBm/MCS3NSS7Mbit/s;-85dBm/MCS4NSS7Mbit/s;-81dBm/MCS5NSS7Mbit/s;-79dBm/MCS6NSS7Mbit/s;-77dBm/MCS7NSS7Mbit/s;-74dBm/MCS8NSS7Mbit/s;-93dBm/MCS0NSS8Mbit/s;-91dBm/MCS1NSS8Mbit/s;-90dBm/MCS2NSS8Mbit/s;-85dBm/MCS3NSS8Mbit/s;-84dBm/MCS4NSS8Mbit/s;-81dBm/MCS5NSS8Mbit/s;-77dBm/MCS6NSS8Mbit/s;-75dBm/MCS7NSS8Mbit/s;-73dBm/MCS8NSS8Mbit/s;</p> <ul style="list-style-type: none"> 5GHz 802.11ac (VHT40):-96dBm/MCS0NSS1Mbit/s;-91dBm/MCS1NSS1Mbit/s;-89dBm/MCS2NSS1Mbit/s;-87dBm/MCS3NSS1Mbit/s;-84dBm/MCS4NSS1Mbit/s;-81dBm/MCS5NSS1Mbit/s;-80dBm/MCS6NSS1Mbit/s;-78dBm/MCS7NSS1Mbit/s;-76dBm/MCS8NSS1Mbit/s;-75dBm/MCS9NSS1Mbit/s;-95dBm/MCS0NSS2Mbit/s;-90dBm/MCS1NSS2Mbit/s;-88dBm/MCS2NSS2Mbit/s;-86dBm/MCS3NSS2Mbit/s;-83dBm/MCS4NSS2Mbit/s;-80dBm/MCS5NSS2Mbit/s;-79dBm/MCS6NSS2Mbit/s;-77dBm/MCS7NSS2Mbit/s;-75dBm/MCS8NSS2Mbit/s;-74dBm/MCS9NSS2Mbit/s;-95dBm/MCS0NSS3Mbit/s;-88dBm/MCS1NSS3Mbit/s;-87dBm/MCS2NSS3Mbit/s;-86dBm/MCS3NSS3Mbit/s;-83dBm/MCS4NSS3Mbit/s;-80dBm/MCS5NSS3Mbit/s;-78dBm/MCS6NSS3Mbit/s;-76dBm/MCS7NSS3Mbit/s;-74dBm/MCS8NSS3Mbit/s;-73dBm/MCS9NSS3Mbit/s;-94dBm/MCS0NSS4Mbit/s;-88dBm/MCS1NSS4Mbit/s;-87dBm/MCS2NSS4Mbit/s;-85dBm/MCS3NSS4Mbit/s;-83dBm/MCS4NSS4Mbit/s;-80dBm/MCS5NSS4Mbit/s;-78dBm/MCS6NSS4Mbit/s;-76dBm/MCS7NSS4Mbit/s;-73dBm/MCS8NSS4Mbit/s;-72dBm/MCS9NSS4Mbit/s;-94dBm/MCS0NSS5Mbit/s;-88dBm/MCS1NSS5Mbit/s;-87dBm/MCS2NSS5Mbit/s;-85dBm/MCS3NSS5Mbit/s;-83dBm/MCS4NSS5Mbit/s;-79dBm/MCS5NSS5Mbit/s;-77dBm/MCS6NSS5Mbit/s;-74dBm/MCS7NSS5Mbit/s;-71dBm/MCS8NSS5Mbit/s;-70dBm/MCS9NSS5Mbit/s;-92dBm/MCS0NSS6Mbit/s;-88dBm/MCS1NSS6Mbit/s;-87dBm/MCS2NSS6Mbit/s;-83dBm/MCS3NSS6Mbit/s;-82dBm/MCS4NSS6Mbit/s;-78dBm/MCS5NSS6Mbit/s;-76dBm/MCS6NSS6Mbit/s;-74dBm/MCS7NSS6Mbit/s;-71dBm/MCS8NSS6Mbit/s;-69dBm/MCS9NSS6Mbit/s;-91dBm/MCS0NSS7Mbit/s;-88dBm/MCS1NSS7Mbit/s;-87dBm/MCS2NSS7Mbit/s;-83dBm/MCS3NSS7Mbit/s;-82dBm/MCS4NSS7Mbit/s;-78dBm/MCS5NSS7Mbit/s;-76dBm/MCS6NSS7Mbit/s;-74dBm/MCS7NSS7Mbit/s;-71dBm/MCS8NSS7Mbit/s;-68dBm/MCS9NSS7Mbit/s;-90dBm/MCS0NSS8Mbit/s;-88dBm/MCS1NSS8Mbit/s;-87dBm/MCS2NSS8Mbit/s;-82dBm/MCS3NSS8Mbit/s;-81dBm/MCS4NSS8Mbit/s;-78dBm/MCS5NSS8Mbit/s;-74dBm/MCS6NSS8Mbit/s;-71dBm/MCS7NSS8Mbit/s;-69dBm/MCS8NSS8Mbit/s;-66dBm/MCS9NSS8Mbit/s; 5GHz 802.11ac (VHT80):-92dBm/MCS0NSS1Mbit/s;-88dBm/MCS1NSS1Mbit/s;-86dBm/MCS2NSS1Mbit/s;-84dBm/MCS3NSS1Mbit/s;-81dBm/MCS4NSS1Mbit/s;-78dBm/MCS5NSS1Mbit/s;-77dBm/MCS6NSS1Mbit/s;-75dBm/MCS7NSS1Mbit/s;-73dBm/MCS8NSS1Mbit/s;- |

| Item | Description | |
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| | | <p>72dBm/MCS9NSS1Mbit/s;-92dBm/MCS0NSS2Mbit/s;-87dBm/MCS1NSS2Mbit/s;-85dBm/MCS2NSS2Mbit/s;-83dBm/MCS3NSS2Mbit/s;-80dBm/MCS4NSS2Mbit/s;-77dBm/MCS5NSS2Mbit/s;-76dBm/MCS6NSS2Mbit/s;-74dBm/MCS7NSS2Mbit/s;-72dBm/MCS8NSS2Mbit/s;-71dBm/MCS9NSS2Mbit/s;-92dBm/MCS0NSS3Mbit/s;-85dBm/MCS1NSS3Mbit/s;-84dBm/MCS2NSS3Mbit/s;-83dBm/MCS3NSS3Mbit/s;-80dBm/MCS4NSS3Mbit/s;-77dBm/MCS5NSS3Mbit/s;-75dBm/MCS6NSS3Mbit/s;-73dBm/MCS7NSS3Mbit/s;-71dBm/MCS8NSS3Mbit/s;-70dBm/MCS9NSS3Mbit/s;-91dBm/MCS0NSS4Mbit/s;-85dBm/MCS1NSS4Mbit/s;-84dBm/MCS2NSS4Mbit/s;-82dBm/MCS3NSS4Mbit/s;-80dBm/MCS4NSS4Mbit/s;-77dBm/MCS5NSS4Mbit/s;-75dBm/MCS6NSS4Mbit/s;-73dBm/MCS7NSS4Mbit/s;-70dBm/MCS8NSS4Mbit/s;-69dBm/MCS9NSS4Mbit/s;-91dBm/MCS0NSS5Mbit/s;-85dBm/MCS1NSS5Mbit/s;-84dBm/MCS2NSS5Mbit/s;-82dBm/MCS3NSS5Mbit/s;-80dBm/MCS4NSS5Mbit/s;-76dBm/MCS5NSS5Mbit/s;-74dBm/MCS6NSS5Mbit/s;-71dBm/MCS7NSS5Mbit/s;-68dBm/MCS8NSS5Mbit/s;-67dBm/MCS9NSS5Mbit/s;-89dBm/MCS0NSS6Mbit/s;-85dBm/MCS1NSS6Mbit/s;-84dBm/MCS2NSS6Mbit/s;-80dBm/MCS3NSS6Mbit/s;-79dBm/MCS4NSS6Mbit/s;-75dBm/MCS5NSS6Mbit/s;-73dBm/MCS6NSS6Mbit/s;-71dBm/MCS7NSS6Mbit/s;-68dBm/MCS8NSS6Mbit/s;-66dBm/MCS9NSS6Mbit/s;-88dBm/MCS0NSS7Mbit/s;-85dBm/MCS1NSS7Mbit/s;-84dBm/MCS2NSS7Mbit/s;-80dBm/MCS3NSS7Mbit/s;-79dBm/MCS4NSS7Mbit/s;-75dBm/MCS5NSS7Mbit/s;-73dBm/MCS6NSS7Mbit/s;-71dBm/MCS7NSS7Mbit/s;-68dBm/MCS8NSS7Mbit/s;-65dBm/MCS9NSS7Mbit/s;-87dBm/MCS0NSS8Mbit/s;-85dBm/MCS1NSS8Mbit/s;-84dBm/MCS2NSS8Mbit/s;-79dBm/MCS3NSS8Mbit/s;-78dBm/MCS4NSS8Mbit/s;-75dBm/MCS5NSS8Mbit/s;-71dBm/MCS6NSS8Mbit/s;-68dBm/MCS7NSS8Mbit/s;-66dBm/MCS8NSS8Mbit/s;-63dBm/MCS9NSS8Mbit/s;</p> <ul style="list-style-type: none"> 5GHz 802.11ac (VHT160):-86dBm/MCS0NSS1Mbit/s;-83dBm/MCS1NSS1Mbit/s;-81dBm/MCS2NSS1Mbit/s;-78dBm/MCS3NSS1Mbit/s;-76dBm/MCS4NSS1Mbit/s;-73dBm/MCS5NSS1Mbit/s;-70dBm/MCS6NSS1Mbit/s;-68dBm/MCS7NSS1Mbit/s;-65dBm/MCS8NSS1Mbit/s;-62dBm/MCS9NSS1Mbit/s;-85dBm/MCS0NSS2Mbit/s;-82dBm/MCS1NSS2Mbit/s;-80dBm/MCS2NSS2Mbit/s;-77dBm/MCS3NSS2Mbit/s;-75dBm/MCS4NSS2Mbit/s;-72dBm/MCS5NSS2Mbit/s;-69dBm/MCS6NSS2Mbit/s;-67dBm/MCS7NSS2Mbit/s;-64dBm/MCS8NSS2Mbit/s;-61dBm/MCS9NSS2Mbit/s;-84dBm/MCS0NSS3Mbit/s;-81dBm/MCS1NSS3Mbit/s;-79dBm/MCS2NSS3Mbit/s;-76dBm/MCS3NSS3Mbit/s;-74dBm/MCS4NSS3Mbit/s;-71dBm/MCS5NSS3Mbit/s;-68dBm/MCS6NSS3Mbit/s;-66dBm/MCS7NSS3Mbit/s;-63dBm/MCS8NSS3Mbit/s;-60dBm/MCS9NSS3Mbit/s;-83dBm/MCS0NSS4Mbit/s;-80dBm/MCS1NSS4Mbit/s;-78dBm/MCS2NSS4Mbit/s;-75dBm/MCS3NSS4Mbit/s;-73dBm/MCS4NSS4Mbit/s;-70dBm/MCS5NSS4Mbit/s;-67dBm/MCS6NSS4Mbit/s;-65dBm/MCS7NSS4Mbit/s;-62dBm/MCS8NSS4Mbit/s;-59dBm/MCS9NSS4Mbit/s; 5GHz 802.11ax (HE20):-99dBm/MCS0NSS1Mbit/s;-94dBm/MCS1NSS1Mbit/s;-92dBm/MCS2NSS1Mbit/s;- |

| Item | Description | |
|------|-------------|--|
| | | <p>90dBm/MCS3NSS1Mbit/s;-87dBm/MCS4NSS1Mbit/s;-84dBm/MCS5NSS1Mbit/s;-83dBm/MCS6NSS1Mbit/s;-81dBm/MCS7NSS1Mbit/s;-79dBm/MCS8NSS1Mbit/s;-78dBm/MCS9NSS1Mbit/s;-72dBm/MCS10NSS1Mbit/s;-72dBm/MCS11NSS1Mbit/s;-98dBm/MCS0NSS2Mbit/s;-93dBm/MCS1NSS2Mbit/s;-91dBm/MCS2NSS2Mbit/s;-89dBm/MCS3NSS2Mbit/s;-86dBm/MCS4NSS2Mbit/s;-83dBm/MCS5NSS2Mbit/s;-82dBm/MCS6NSS2Mbit/s;-80dBm/MCS7NSS2Mbit/s;-78dBm/MCS8NSS2Mbit/s;-77dBm/MCS9NSS2Mbit/s;-71dBm/MCS10NSS2Mbit/s;-71dBm/MCS11NSS2Mbit/s;-98dBm/MCS0NSS3Mbit/s;-91dBm/MCS1NSS3Mbit/s;-90dBm/MCS2NSS3Mbit/s;-89dBm/MCS3NSS3Mbit/s;-86dBm/MCS4NSS3Mbit/s;-83dBm/MCS5NSS3Mbit/s;-81dBm/MCS6NSS3Mbit/s;-79dBm/MCS7NSS3Mbit/s;-77dBm/MCS8NSS3Mbit/s;-76dBm/MCS9NSS3Mbit/s;-70dBm/MCS10NSS3Mbit/s;-70dBm/MCS11NSS3Mbit/s;-97dBm/MCS0NSS4Mbit/s;-91dBm/MCS1NSS4Mbit/s;-90dBm/MCS2NSS4Mbit/s;-88dBm/MCS3NSS4Mbit/s;-86dBm/MCS4NSS4Mbit/s;-83dBm/MCS5NSS4Mbit/s;-81dBm/MCS6NSS4Mbit/s;-79dBm/MCS7NSS4Mbit/s;-76dBm/MCS8NSS4Mbit/s;-75dBm/MCS9NSS4Mbit/s;-69dBm/MCS10NSS4Mbit/s;-69dBm/MCS11NSS4Mbit/s;-97dBm/MCS0NSS5Mbit/s;-91dBm/MCS1NSS5Mbit/s;-90dBm/MCS2NSS5Mbit/s;-88dBm/MCS3NSS5Mbit/s;-86dBm/MCS4NSS5Mbit/s;-82dBm/MCS5NSS5Mbit/s;-80dBm/MCS6NSS5Mbit/s;-78dBm/MCS7NSS5Mbit/s;-75dBm/MCS8NSS5Mbit/s;-73dBm/MCS9NSS5Mbit/s;-69dBm/MCS10NSS5Mbit/s;-68dBm/MCS11NSS5Mbit/s;-95dBm/MCS0NSS6Mbit/s;-91dBm/MCS1NSS6Mbit/s;-90dBm/MCS2NSS6Mbit/s;-86dBm/MCS3NSS6Mbit/s;-85dBm/MCS4NSS6Mbit/s;-81dBm/MCS5NSS6Mbit/s;-79dBm/MCS6NSS6Mbit/s;-77dBm/MCS7NSS6Mbit/s;-74dBm/MCS8NSS6Mbit/s;-73dBm/MCS9NSS6Mbit/s;-68dBm/MCS10NSS6Mbit/s;-68dBm/MCS11NSS6Mbit/s;-94dBm/MCS0NSS7Mbit/s;-91dBm/MCS1NSS7Mbit/s;-90dBm/MCS2NSS7Mbit/s;-86dBm/MCS3NSS7Mbit/s;-85dBm/MCS4NSS7Mbit/s;-81dBm/MCS5NSS7Mbit/s;-79dBm/MCS6NSS7Mbit/s;-77dBm/MCS7NSS7Mbit/s;-74dBm/MCS8NSS7Mbit/s;-72dBm/MCS9NSS7Mbit/s;-67dBm/MCS10NSS7Mbit/s;-67dBm/MCS11NSS7Mbit/s;-93dBm/MCS0NSS8Mbit/s;-91dBm/MCS1NSS8Mbit/s;-90dBm/MCS2NSS8Mbit/s;-85dBm/MCS3NSS8Mbit/s;-84dBm/MCS4NSS8Mbit/s;-81dBm/MCS5NSS8Mbit/s;-77dBm/MCS6NSS8Mbit/s;-75dBm/MCS7NSS8Mbit/s;-73dBm/MCS8NSS8Mbit/s;-71dBm/MCS9NSS8Mbit/s;-66dBm/MCS10NSS8Mbit/s;-66dBm/MCS11NSS8Mbit/s;</p> <ul style="list-style-type: none"> 5GHz 802.11ax (HE40):-96dBm/MCS0NSS1Mbit/s;-91dBm/MCS1NSS1Mbit/s;-89dBm/MCS2NSS1Mbit/s;-87dBm/MCS3NSS1Mbit/s;-84dBm/MCS4NSS1Mbit/s;-81dBm/MCS5NSS1Mbit/s;-80dBm/MCS6NSS1Mbit/s;-78dBm/MCS7NSS1Mbit/s;-76dBm/MCS8NSS1Mbit/s;-75dBm/MCS9NSS1Mbit/s;-69dBm/MCS10NSS1Mbit/s;-69dBm/MCS11NSS1Mbit/s;-95dBm/MCS0NSS2Mbit/s;-90dBm/MCS1NSS2Mbit/s;-88dBm/MCS2NSS2Mbit/s;-86dBm/MCS3NSS2Mbit/s;-83dBm/MCS4NSS2Mbit/s;-80dBm/MCS5NSS2Mbit/s;-79dBm/MCS6NSS2Mbit/s;-77dBm/MCS7NSS2Mbit/s;-75dBm/MCS8NSS2Mbit/s;-74dBm/MCS9NSS2Mbit/s;-68dBm/MCS10NSS2Mbit/s;- |

| Item | Description | |
|------|-------------|--|
| | | <p>68dBm/MCS11NSS2Mbit/s;-95dBm/MCS0NSS3Mbit/s;-88dBm/MCS1NSS3Mbit/s;-87dBm/MCS2NSS3Mbit/s;-86dBm/MCS3NSS3Mbit/s;-83dBm/MCS4NSS3Mbit/s;-80dBm/MCS5NSS3Mbit/s;-78dBm/MCS6NSS3Mbit/s;-76dBm/MCS7NSS3Mbit/s;-74dBm/MCS8NSS3Mbit/s;-73dBm/MCS9NSS3Mbit/s;-67dBm/MCS10NSS3Mbit/s;-67dBm/MCS11NSS3Mbit/s;-94dBm/MCS0NSS4Mbit/s;-88dBm/MCS1NSS4Mbit/s;-87dBm/MCS2NSS4Mbit/s;-85dBm/MCS3NSS4Mbit/s;-83dBm/MCS4NSS4Mbit/s;-80dBm/MCS5NSS4Mbit/s;-78dBm/MCS6NSS4Mbit/s;-76dBm/MCS7NSS4Mbit/s;-73dBm/MCS8NSS4Mbit/s;-72dBm/MCS9NSS4Mbit/s;-66dBm/MCS10NSS4Mbit/s;-66dBm/MCS11NSS4Mbit/s;-94dBm/MCS0NSS5Mbit/s;-88dBm/MCS1NSS5Mbit/s;-87dBm/MCS2NSS5Mbit/s;-85dBm/MCS3NSS5Mbit/s;-83dBm/MCS4NSS5Mbit/s;-79dBm/MCS5NSS5Mbit/s;-77dBm/MCS6NSS5Mbit/s;-75dBm/MCS7NSS5Mbit/s;-72dBm/MCS8NSS5Mbit/s;-70dBm/MCS9NSS5Mbit/s;-66dBm/MCS10NSS5Mbit/s;-65dBm/MCS11NSS5Mbit/s;-92dBm/MCS0NSS6Mbit/s;-88dBm/MCS1NSS6Mbit/s;-87dBm/MCS2NSS6Mbit/s;-83dBm/MCS3NSS6Mbit/s;-82dBm/MCS4NSS6Mbit/s;-78dBm/MCS5NSS6Mbit/s;-76dBm/MCS6NSS6Mbit/s;-74dBm/MCS7NSS6Mbit/s;-71dBm/MCS8NSS6Mbit/s;-70dBm/MCS9NSS6Mbit/s;-65dBm/MCS10NSS6Mbit/s;-65dBm/MCS11NSS6Mbit/s;-91dBm/MCS0NSS7Mbit/s;-88dBm/MCS1NSS7Mbit/s;-87dBm/MCS2NSS7Mbit/s;-83dBm/MCS3NSS7Mbit/s;-82dBm/MCS4NSS7Mbit/s;-78dBm/MCS5NSS7Mbit/s;-76dBm/MCS6NSS7Mbit/s;-74dBm/MCS7NSS7Mbit/s;-71dBm/MCS8NSS7Mbit/s;-69dBm/MCS9NSS7Mbit/s;-64dBm/MCS10NSS7Mbit/s;-64dBm/MCS11NSS7Mbit/s;-90dBm/MCS0NSS8Mbit/s;-88dBm/MCS1NSS8Mbit/s;-87dBm/MCS2NSS8Mbit/s;-82dBm/MCS3NSS8Mbit/s;-81dBm/MCS4NSS8Mbit/s;-78dBm/MCS5NSS8Mbit/s;-74dBm/MCS6NSS8Mbit/s;-72dBm/MCS7NSS8Mbit/s;-70dBm/MCS8NSS8Mbit/s;-68dBm/MCS9NSS8Mbit/s;-63dBm/MCS10NSS8Mbit/s;-63dBm/MCS11NSS8Mbit/s;</p> <ul style="list-style-type: none"> 5GHz 802.11ax (HE80):-93dBm/MCS0NSS1Mbit/s;-88dBm/MCS1NSS1Mbit/s;-86dBm/MCS2NSS1Mbit/s;-84dBm/MCS3NSS1Mbit/s;-81dBm/MCS4NSS1Mbit/s;-78dBm/MCS5NSS1Mbit/s;-77dBm/MCS6NSS1Mbit/s;-75dBm/MCS7NSS1Mbit/s;-73dBm/MCS8NSS1Mbit/s;-72dBm/MCS9NSS1Mbit/s;-66dBm/MCS10NSS1Mbit/s;-66dBm/MCS11NSS1Mbit/s;-92dBm/MCS0NSS2Mbit/s;-87dBm/MCS1NSS2Mbit/s;-85dBm/MCS2NSS2Mbit/s;-83dBm/MCS3NSS2Mbit/s;-80dBm/MCS4NSS2Mbit/s;-77dBm/MCS5NSS2Mbit/s;-76dBm/MCS6NSS2Mbit/s;-74dBm/MCS7NSS2Mbit/s;-72dBm/MCS8NSS2Mbit/s;-71dBm/MCS9NSS2Mbit/s;-65dBm/MCS10NSS2Mbit/s;-65dBm/MCS11NSS2Mbit/s;-92dBm/MCS0NSS3Mbit/s;-85dBm/MCS1NSS3Mbit/s;-84dBm/MCS2NSS3Mbit/s;-83dBm/MCS3NSS3Mbit/s;-80dBm/MCS4NSS3Mbit/s;-77dBm/MCS5NSS3Mbit/s;-75dBm/MCS6NSS3Mbit/s;-73dBm/MCS7NSS3Mbit/s;-71dBm/MCS8NSS3Mbit/s;-70dBm/MCS9NSS3Mbit/s;-64dBm/MCS10NSS3Mbit/s;-64dBm/MCS11NSS3Mbit/s;-91dBm/MCS0NSS4Mbit/s;-85dBm/MCS1NSS4Mbit/s;-84dBm/MCS2NSS4Mbit/s;-82dBm/MCS3NSS4Mbit/s;-80dBm/MCS4NSS4Mbit/s;-77dBm/MCS5NSS4Mbit/s;-75dBm/MCS6NSS4Mbit/s;- |

| Item | Description | |
|------|-------------|---|
| | | <p>73dBm/MCS7NSS4Mbit/s;-70dBm/MCS8NSS4Mbit/s;-69dBm/MCS9NSS4Mbit/s;-63dBm/MCS10NSS4Mbit/s;-63dBm/MCS11NSS4Mbit/s;-91dBm/MCS0NSS5Mbit/s;-85dBm/MCS1NSS5Mbit/s;-84dBm/MCS2NSS5Mbit/s;-82dBm/MCS3NSS5Mbit/s;-80dBm/MCS4NSS5Mbit/s;-76dBm/MCS5NSS5Mbit/s;-74dBm/MCS6NSS5Mbit/s;-72dBm/MCS7NSS5Mbit/s;-69dBm/MCS8NSS5Mbit/s;-67dBm/MCS9NSS5Mbit/s;-63dBm/MCS10NSS5Mbit/s;-62dBm/MCS11NSS5Mbit/s;-89dBm/MCS0NSS6Mbit/s;-85dBm/MCS1NSS6Mbit/s;-84dBm/MCS2NSS6Mbit/s;-80dBm/MCS3NSS6Mbit/s;-79dBm/MCS4NSS6Mbit/s;-75dBm/MCS5NSS6Mbit/s;-73dBm/MCS6NSS6Mbit/s;-71dBm/MCS7NSS6Mbit/s;-68dBm/MCS8NSS6Mbit/s;-67dBm/MCS9NSS6Mbit/s;-62dBm/MCS10NSS6Mbit/s;-62dBm/MCS11NSS6Mbit/s;-88dBm/MCS0NSS7Mbit/s;-85dBm/MCS1NSS7Mbit/s;-84dBm/MCS2NSS7Mbit/s;-80dBm/MCS3NSS7Mbit/s;-79dBm/MCS4NSS7Mbit/s;-75dBm/MCS5NSS7Mbit/s;-73dBm/MCS6NSS7Mbit/s;-71dBm/MCS7NSS7Mbit/s;-68dBm/MCS8NSS7Mbit/s;-66dBm/MCS9NSS7Mbit/s;-61dBm/MCS10NSS7Mbit/s;-61dBm/MCS11NSS7Mbit/s;-87dBm/MCS0NSS8Mbit/s;-85dBm/MCS1NSS8Mbit/s;-84dBm/MCS2NSS8Mbit/s;-79dBm/MCS3NSS8Mbit/s;-78dBm/MCS4NSS8Mbit/s;-75dBm/MCS5NSS8Mbit/s;-71dBm/MCS6NSS8Mbit/s;-69dBm/MCS7NSS8Mbit/s;-67dBm/MCS8NSS8Mbit/s;-65dBm/MCS9NSS8Mbit/s;-60dBm/MCS10NSS8Mbit/s;-60dBm/MCS11NSS8Mbit/s;</p> <ul style="list-style-type: none"> 5GHz 802.11ax (HE160):-86dBm/MCS0NSS1Mbit/s;-83dBm/MCS1NSS1Mbit/s;-81dBm/MCS2NSS1Mbit/s;-78dBm/MCS3NSS1Mbit/s;-76dBm/MCS4NSS1Mbit/s;-73dBm/MCS5NSS1Mbit/s;-70dBm/MCS6NSS1Mbit/s;-68dBm/MCS7NSS1Mbit/s;-65dBm/MCS8NSS1Mbit/s;-62dBm/MCS9NSS1Mbit/s;-58dBm/MCS10NSS1Mbit/s;-58dBm/MCS11NSS1Mbit/s;-85dBm/MCS0NSS2Mbit/s;-82dBm/MCS1NSS2Mbit/s;-80dBm/MCS2NSS2Mbit/s;-77dBm/MCS3NSS2Mbit/s;-75dBm/MCS4NSS2Mbit/s;-72dBm/MCS5NSS2Mbit/s;-69dBm/MCS6NSS2Mbit/s;-67dBm/MCS7NSS2Mbit/s;-64dBm/MCS8NSS2Mbit/s;-61dBm/MCS9NSS2Mbit/s;-57dBm/MCS10NSS2Mbit/s;-57dBm/MCS11NSS2Mbit/s;-84dBm/MCS0NSS3Mbit/s;-81dBm/MCS1NSS3Mbit/s;-79dBm/MCS2NSS3Mbit/s;-76dBm/MCS3NSS3Mbit/s;-74dBm/MCS4NSS3Mbit/s;-71dBm/MCS5NSS3Mbit/s;-68dBm/MCS6NSS3Mbit/s;-66dBm/MCS7NSS3Mbit/s;-63dBm/MCS8NSS3Mbit/s;-60dBm/MCS9NSS3Mbit/s;-56dBm/MCS10NSS3Mbit/s;-56dBm/MCS11NSS3Mbit/s;-83dBm/MCS0NSS4Mbit/s;-80dBm/MCS1NSS4Mbit/s;-78dBm/MCS2NSS4Mbit/s;-75dBm/MCS3NSS4Mbit/s;-73dBm/MCS4NSS4Mbit/s;-70dBm/MCS5NSS4Mbit/s;-67dBm/MCS6NSS4Mbit/s;-65dBm/MCS7NSS4Mbit/s;-62dBm/MCS8NSS4Mbit/s;-59dBm/MCS9NSS4Mbit/s;-55dBm/MCS10NSS4Mbit/s;-55dBm/MCS11NSS4Mbit/s; |

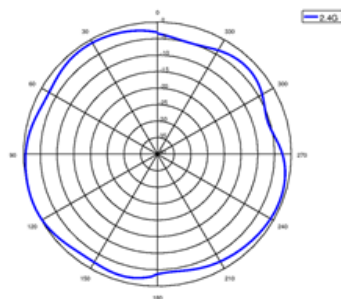
Standards Compliance

| Item | Description |
|------|-------------|
|------|-------------|

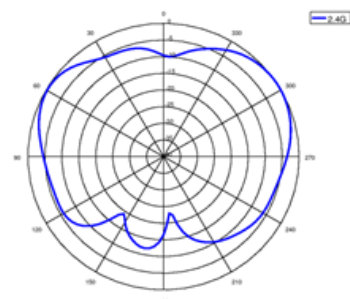
| Item | Description |
|--------------------|---|
| Safety standards | UL 60950-1 CAN/CSA 22.2 No.60950-1 IEC 60950-1 EN 60950-1 GB 4943 IEC 62368-1 EN 62368-1 |
| Radio standards | ETSI EN 300 328 ETSI EN 301 893 RSS-210 AS/NZS 4268 |
| EMC standards | EN 301 489-1 EN 301 489-17 ETSI EN 60601-1-1 ETSI EN 60601-1-2 FCC Part 15 ICES-003 YD/T 1312.2-2004 ITU k.20 GB 9254 GB 17625.1 AS/NZS CISPR22 EN 55022 EN 55024 CISPR 22 CISPR 24 IEC61000-4-6 IEC61000-4-2 |
| IEEE standards | IEEE 802.11a/b/g IEEE 802.11n IEEE 802.11ac IEEE 802.11ax IEEE 802.11h IEEE 802.11d IEEE 802.11e IEEE 802.11k IEEE 802.11v IEEE 802.11w IEEE 802.11r |
| Security standards | 802.11i, Wi-Fi Protected Access 2 (WPA2), WPA 802.1X Advanced Encryption Standards (AES), Temporal Key Integrity Protocol (TKIP) EAP Type(s) |

| Item | Description |
|-------|---|
| EMF | CENELEC EN 62311 CENELEC EN 50385 OET65 RSS-102 FCC Part1&2 FCC KDB Series |
| RoHS | Directive 2002/95/EC & 2011/65/EU |
| Reach | Regulation 1907/2006/EC |
| WEEE | Directive 2002/96/EC & 2012/19/EU |

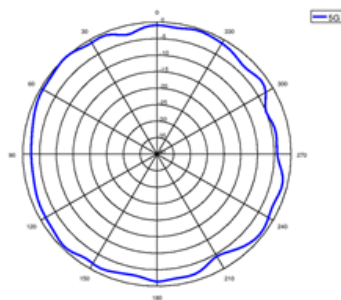
Antennas Pattern



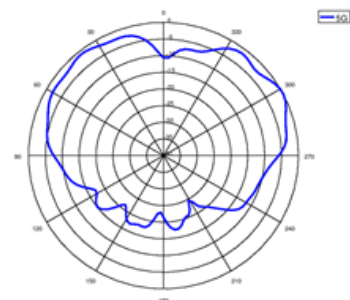
2.4G (Horizontal)



2.4G (Vertical)



5G (Horizontal)



5G (Vertical)

Ordering Information

| Part Number | Description |
|-------------|--|
| 02351TYR | AP7060DN mainframe (11ax, indoor, 2.4G 4x4 + 5G 8x8 dual bands, built-in antenna, 10GE+GE, USB, IoT slot, BLE) |
| 02220369 | PoE Power Adapter(802.3at/PoE+): Adapter,-40degC,50degC,90V,264V,54V/0.65A,C8/RJ45-GE |
| 02220154 | PoE Power Adapter(PoE++): Adapter,-25degC,60degC,90V,264V,56V/1.52A,C8/RI45 |

| Part Number | Description |
|-------------|---|
| 02220935 | AC/DC Power Adapter: Adapter,-25degC,50degC,90V,290V,56V1.07A |
| 50083593 | MT600-ESL(2400~2483.5MHz frequency, ESL, built-in antenna) |

More Information

For more information about Huawei WLAN products, visit <http://e.huawei.com> or contact us in the following ways:

- Global service hotline: <http://e.huawei.com/en/service-hotline>
- Logging in to the Huawei Enterprise technical support web: <http://support.huawei.com/enterprise/>
- Sending an email to the customer service mailbox: support_e@huawei.com

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