

AP3060 Access Point

Highlights

- Affordable outdoor Wi-Fi 7 technology in a compact form factor
- Managed with Extreme Platform ONE™, ExtremeCloud™ IQ, and ExtremeCloud IQ Controller
- Extreme Platform ONE Security Policy Enforcement
- Simultaneous IT & OT using dual radios

Wi-Fi 7 Radio Technology

Dual-Radio Design

- 2.4 GHz + 5 GHz (2x2:2)
- 5 GHz + 5 GHz (2x2:2)
- 5 GHz + 6 GHz* (2x2:2)

Designed for Harsh Environments

- IP67 Weatherized Enclosure
- Extended temp range: -40°C to +60°C

Cellular Coexistence Filter (CCF)

- Minimizes the impact of interference from cellular networks

Power Efficient

- Full functionality with 802.3af power
- 6 GHz Standard Power available for US and Canada

*6 GHz operation is country-dependent



Enterprise Wi-Fi 7 Weatherized Access Point

The AP3060 redefines value in outdoor wireless networking by delivering enterprise-grade Wi-Fi 7 performance in a compact, rugged, and cost-effective platform. Designed for organizations that need reliable outdoor coverage without sacrificing advanced capabilities, the AP3060 combines next-generation wireless technology, integrated security, and cloud-based management into a single solution.

Built on Extreme's Universal Hardware architecture and managed through Extreme Platform ONE™ or ExtremeCloud™ IQ, the AP3060 helps organizations simplify operations, reduce complexity, and accelerate deployments through AI-driven automation and centralized visibility.

Engineered for demanding outdoor conditions, the AP3060 combines a compact, IP67-rated enclosure with Wi-Fi 7 performance across the 2.4+5, 5+5, or 5+6* GHz bands. With dual 2x2 radios and support for standard power 6 GHz operation via integrated GPS and Automated Frequency Coordination (AFC), it extends high-speed, low-latency connectivity to challenging environments while minimizing interference and increasing capacity. Ideal for campuses, hospitality venues, transportation hubs, manufacturing sites, and outdoor public spaces, the AP3060 ensures consistent coverage for user devices, IoT systems, and latency-sensitive applications.

Business Benefits and Outcomes

Improve Operational Efficiency

The AP3060 is part of a complete wired and wireless solution that combines AI Ops provided by Extreme Platform ONE, Extreme's Universal Wired portfolio, and advanced security from Extreme Platform ONE Security. Using powerful 802.11be Wi-Fi 7 technology, this solution allows deployment of high-speed and highly secure Wi-Fi into a broad range of environments, including high-density venues. Extreme Platform ONE improves operational efficiency through powerful cloud-based management capabilities across the wired and wireless infrastructure.

Enhance User Experiences

The enhanced user experience with a Wi-Fi 7 AP3060 access point is marked by high speeds, low latency, and exceptional connectivity, even in dense or complex environments. Leveraging Wi-Fi 7's Extremely High Throughput (EHT) technology, users enjoy faster downloads, smoother streaming, and more responsive real-time applications like video conferencing and data-intensive tasks.

Versatility to Suit Customer Needs

The AP3060 features omni-directional internal antennas, delivering optimal coverage for medium-density outdoor environments and ideal for on-pole or wall-mount deployments. It is IP67 rated and supports extended temperature ranges from -40°C to 60°C (-40°F to 140°F). It also includes built-in GPS to conform with AFC guidelines for 6 GHz deployments.



AP3060 Access Point

Network Management Options

The AP3060 can be flexibly managed by Extreme Platform ONE or ExtremeCloud IQ from the cloud or on-premises.

Extreme Platform ONE™

[Extreme Platform ONE](#) is an enterprise connectivity platform that integrates networking and security with AI into one powerful and radically simplified experience and licensing model. It supports NetOps, SecOps, and business teams with built-in automation and enables organizations to regain control, unlock innovation, and boost productivity through:

- One integrated experience that is easy to use.
- Automation through built-in AI that boosts productivity, reducing cycle time for many tasks from hours to minutes.
- Simplified licensing that makes the solution as easy to buy as it is to use.
- AI-powered workflows for configuration, deployment, and management.
- Inventory management simplifies budgeting, planning, and compliance.

Wi-Fi 7 (802.11be) Technology

Wi-Fi 7 (802.11be) introduces benefits across the 2.4 GHz, 5 GHz, and 6 GHz* bands with reduced latency and jitter for time-sensitive networking applications. Wi-Fi 7 capabilities such as 320 MHz channels, 4K-QAM, and Multi-Link Operation (MLO) help enable superior speeds and high-density performance. The 6 GHz* band enables improved quality of service (QoS) in dense environments, new applications and use cases, and an improved user experience.

*6 GHz operation is country-dependent

Software-Defined Radios

The Wi-Fi 7 AP3060 features two distinct software-defined radio (SDR) modes for different deployment scenarios. It can transmit with multiple combinations of two data radios across the 2.4 GHz, 5 GHz, and 6 GHz bands. The AP3060 intelligently monitors the software-configurable radios, enabling network managers to configure network RF technology based on the user environment and to configure the APs in different modes as required. The AP3060 features superior dual-frequency radio performance with a multiband filter that reduces interference and enables 5 GHz and 6 GHz operation across all available channels without restrictions.

Modern IoT Platform

The AP3060 features dual IoT radios enabling multiple concurrent IoT use cases and eliminates the need for an overlay infrastructure with improved performance and reduced complexity of multiple wireless networks.

To support both IoT and guest engagement services, the AP3060 integrates Bluetooth® to connect with IoT devices wirelessly and to engage loyal customers with Apple iBeacon. Enterprises can use API-driven applications to send advertisements directly to shoppers, guests, and conference attendees. This makes it ideal for businesses to advertise their app, download pages, captive portals, or site-specific information.

Universal Hardware

The AP3060 is built with Extreme's Universal Hardware technology that allows multiple deployment use cases through a simple change of the software or feature set. This technology allows the user to choose between operating systems tailored to work with cloud- or controller-based management. The desired persona can be selected at startup or changed later. Universal hardware platforms increase flexibility and reduce obsolescence by allowing customers to gradually adopt new technologies without the need for a rip-and-replace approach to their hardware.

Offered with Universal World SKUs, the AP3060 allows customers, partners, and distributors to order one model for any region where Extreme Networks products are sold, replacing the age-old problem of country-specific models.

6 GHz Spectrum and AFC

The AP3060 ships with integrated GPS to unlock the full benefits of 6 GHz standard power operation in the US and Canada. The GPS in the AP provides precise geolocation to an AFC (Automated Frequency Coordination) service via Extreme Platform ONE or ExtremeCloud IQ, which dynamically assigns approved channels and power levels for optimal performance and regulatory compliance. Please refer to AP3060 technical documentation for more detailed information.

Product Specifications

Radio Specifications

Max Users

- SSID per Radio/Total: 16/48
- Users per Radio/Total: 512/1536

802.11a

- 5.150 GHz–5.850 GHz Operating Frequency
- Orthogonal Frequency–Division Multiplexing (OFDM) Modulation
- Rates (Mbps): 54, 48, 36, 24, 18, 12, 9, 6 w/auto fallback

802.11b

- 2.4 GHz–2.5 GHz Operating Frequency
- Direct–Sequence Spread–Spectrum (DSSS) modulation
- Rates (Mbps): 11, 5.5, 2, 1 w/auto fallback

802.11g

- 2.4 GHz–2.5 GHz Operating Frequency
- Orthogonal Frequency–Division Multiplexing (OFDM) Modulation
- Rates (Mbps): 54, 48, 36, 24, 18, 12, 9, 6 w/auto fallback

802.11n

- 2.4 GHz–2.5 GHz and 5.150 GHz–5.850 GHz Operating Frequency
- 802.11n Modulation
- HT20 High–Throughput (HT) Support (for both 2.4 GHz and 5 GHz)
- HT40 HT Support for 5 GHz
- A–MPDU and A–MSDU frame aggregation
- Rates (Mbps): MCS0–MCS31 (6.5 Mbps–600 Mbps)

802.11ac

- 5.15 GHz–5.850 GHz operating frequency
- 802.11ac modulation (256–QAM)
- 5G: 2x2 Multiple–In, Multiple–Out (MIMO) radio
- 2.4G: 2x2 Multiple–In, Multiple–Out (MIMO) radio
- Rates (Mbps): MCS0–MCS9 (6.5 Mbps), 1733 Mbps, NSS = 1–2
- 2x2:2 stream Multiple–In, Multiple–Out (MIMO) radio
- VHT20/VHT40/VHT80/VHT160
- TxBF (Transmit Beamforming)

802.11ax

- 2.4 GHz–2.5 GHz, 5.15 GHz–5.850 GHz, and 5.925 GHz–7.125 GHz operating frequencies
- 802.11ax modulation (1024–QAM)
- Dual-band OFDMA
- Rates (Mbps):
 - 6G Rate: HE0–HE11 (8 Mbps–2,400 Mbps)
 - 5G Rate: HE0–HE11 (8 Mbps– 2,400 Mbps)
 - 2.4G Rate: HE0–HE11 (8 Mbps– 574 Mbps)
- 2x2:2 stream Multiple–In, Multiple–Out (MIMO) radio at 6 GHz
- 2x2:2 stream Multiple–In, Multiple–Out (MIMO) radio at 5 GHz
- 2x2:2 stream Multiple–In, Multiple–Out (MIMO) radio at 2.4 GHz
- HE20/HE40/HE80/HE160 support for 6 GHz
- HE20/HE40/HE80/HE160 support for 5 GHz
- HE20/HE40 support for 2.4 GHz
- UL/DL SU–MIMO and MU–MIMO
- TxBF (Transmit Beamforming)

802.11be

- 2.4 GHz–2.5 GHz, 5.15 GHz–5.850 GHz, and 5.925 GHz–7.125 GHz Operating Frequencies
- 802.11be modulation (4096–QAM)
- Rates (Mbps):
 - 6G: EHT0–EHT13 (8 Mbps–5,765 Mbps)
 - 5G: EHT0–EHT13 (8 Mbps–2,882 Mbps)
 - 2.4G: EHT0–EHT13 (8 Mbps–688 Mbps)
- 2x2:2 stream MIMO radio at 6 GHz
- 2x2:2 stream MIMO radio at 5 GHz
- 2x2:2 stream MIMO radio at 2.4 GHz
- EHT20/EHT40/EHT80/EHT160/EHT320 support for 6 GHz
- EHT20/EHT40/EHT80/EHT160 support for 5 GHz
- EHT20/EHT40 support for 2.4 GHz
- UL/DL SU–MIMO and MU–MIMO
- TxBF (transmit beamforming)

IoT Support

- (2) radios for Thread, Zigbee®, Bluetooth Low Energy (BLE) 5.4, IEEE 802.15.4

GPS Radio

- Support for L1 frequency (1575.42 MHz) and L5 frequency (1176.45 MHz)

Interfaces

- Eth0 wired Ethernet port (RJ45)
- Eth0: 100/1000/2500 Mbps autosensing link speed Ethernet port, PoE PD
- 802.3az Energy–Efficient Ethernet (EEE)

Power Options

- PoE 802.3af – Typical 11W, Max 13W
- PoE 802.3at – Typical 11W, Max 13W

Physical Specifications

Model	Dimensions	Weight
AP3060	20.5 cm x 20.5 cm x 8.1 cm (8.07 in. x 8.07 in. x 3.19 in.)	1.45 kg (3.2 lb)

Security

- Trusted Platform Module (TPM)

Environmental

Environmental Specifications

- Operating: -40°C to 60°C (-40°F to 140°F) with solar load
- Storage: -40°C to 70°C (-40°F to 158°F)
- Humidity: 0% to 95% (non-condensing)
- Salt Spray/Fog/Mist: ASTM B117; IEC 60068-2-52
- Wind Rating: 165 mph sustained winds
- Operational Shock: IEC 60068-2-27, IEC60721-3-4 Class 4M3, ASTM D3332-99
- Operation Vibration: IEC 60068-2-6, IEC 60068-2-64, IEC 60721-3-4 Class 4M3, ASTM D3580-95, ETSI 300 019-2-3 v2.2.2 Section 3.1 Class 3.1 table 2

Environmental Compliance

- EU RoHS-2011/65/EU and Amendments (EU) 2015/863
- EU WEEE-2012/19/EU
- EU REACH-Regulation (EC) No 1907/2006-Reporting
- EU SCIP-EU Waste Framework Directive
- China RoHS-2 SJ/T 11364-2014
- Taiwan RoHS CNS 15663 (2013.7)

Regulatory Compliance

Radio Standards USA

- Part 15C - 15.247
- Part 15E - 15.407
- RF exposure - FCC Part 2.1091

Radio Standards Canada

- RSS 247 for 2.4 GHz and 5 GHz
- RSS 248 for 6 GHz RLAN
- RF exposure - RSS-102: Issue 5, 2015

Radio Standards CE

- 2014/53/EU Radio Equipment Directive
- EN 300 328, EN 301 893, EN 303 687, EN 300 440
- EN 301 489-1, EN 301 489-17, EN 62311, EN 50385

Regulatory and Safety

North American ITE

- UL 60950-1 2nd Edition listed device (U.S.)
- CSA 22.2 No. 60950-1 2nd Edition 2014 (Canada)
- UL/CuL 62368-1 listed

European ITE

- EN 62368-1
- 2014/35/EU Low Voltage Directive

International ITE

- CB IEC 62368-1 2nd Edition + National Differences
- CB IEC 62368-1 1st and 3rd Editions + National Differences
- AS/NZS 62368-1 (Australia/New Zealand)

EMI/EMC Standards

North American EMC Standards

- FCC CFR 47 Part 15 Class B (U.S.)
- ICES-003 Class B (Canada)

European EMC Standards

- EN 55032 Class B
- EN 55035
- EN 60601-1-2
- EN 61000-3-2 (Harmonics)
- EN 61000-3-3 (Flicker)
- 2014/30/EU EMC Directive

International EMC Certifications

- CISPR 32 Class B (International Emissions)
- AS/NZS CISPR32
- CISPR 35 (International Immunity)

Wi-Fi Alliance Certifications

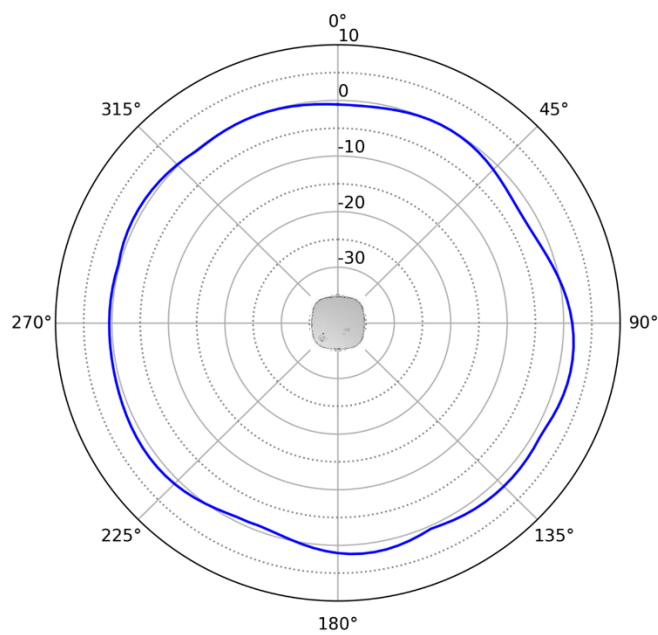
Connectivity	Wi-Fi CERTIFIED™ 7 Wi-Fi CERTIFIED™ 6 Release 2 Wi-Fi CERTIFIED™ a, ac, n Wi-Fi Enhanced Open™	
Optimization	WMM® Wi-Fi Agile Multiband™	
Security	Protected Management Frames WPA2™ – Enterprise, Personal WPA3™ – Enterprise, Personal	

Antenna Gain Matrix

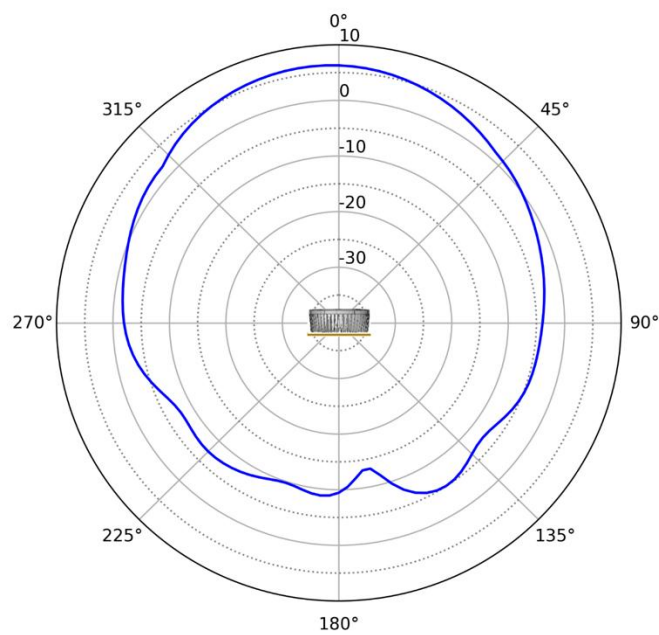
Operational Mode	Radio 1	Radio 2	IoT Radio 1	IoT Radio 2
1	2.4G – 7 dBi	5G – 5.7 dBi	4.6 dBi	6.2 dBi
2	6G – 5.5 dBi	5G – 5.7 dBi	4.6 dBi	6.2 dBi
3	5G – 5.9 dBi	5G – 5.7 dBi	4.6 dBi	6.2 dBi

Radiation Patterns

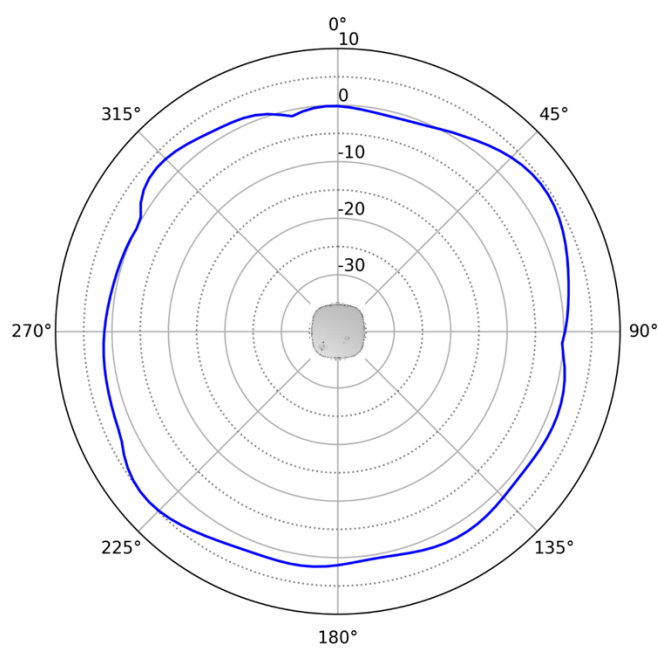
2G Azimuth



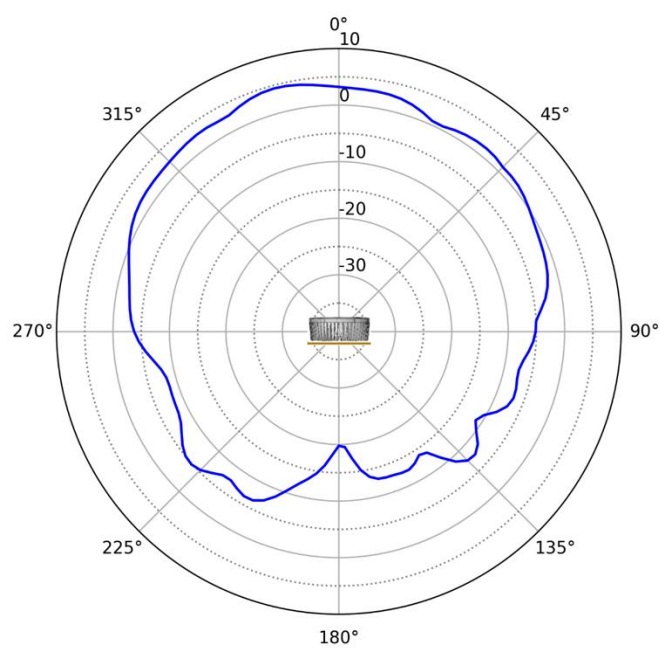
2G Elevation



5G Azimuth

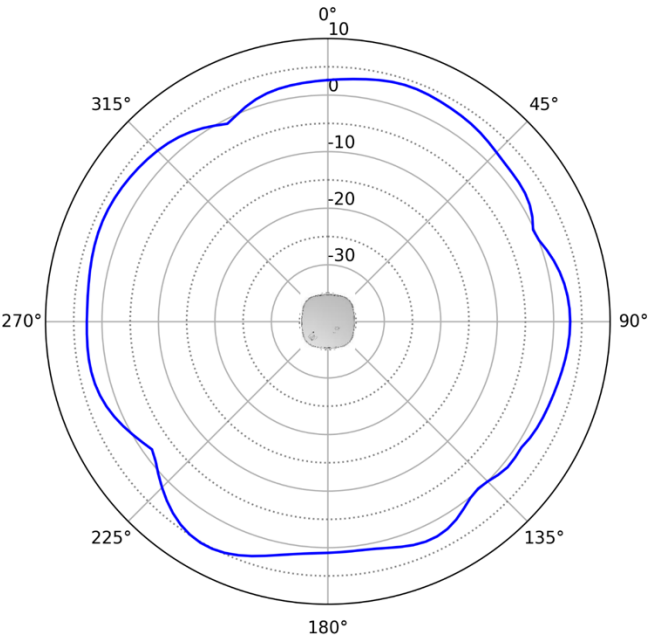


5G Elevation

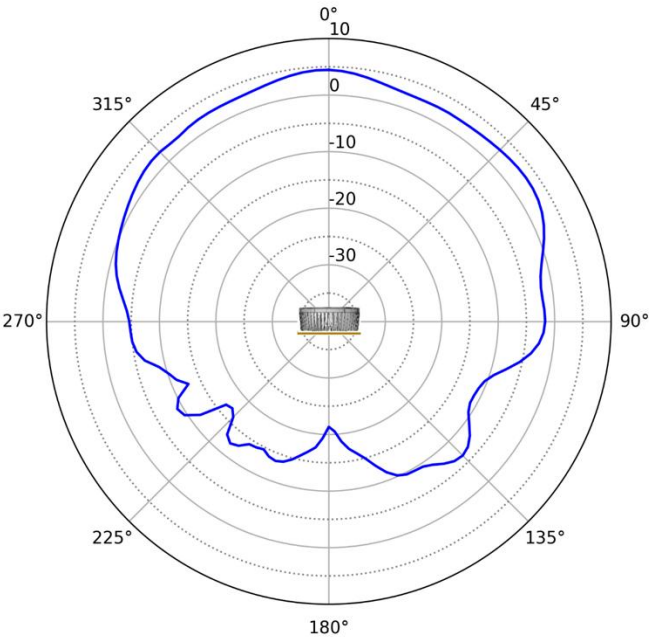


Radiation Patterns

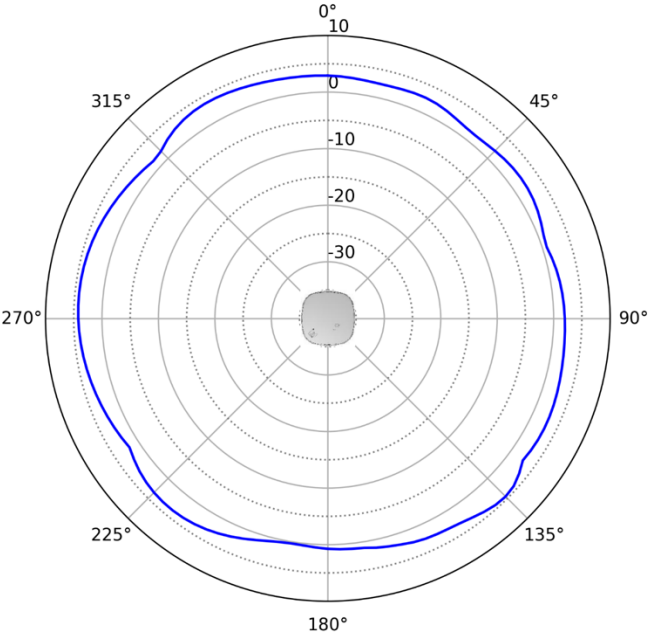
6G Azimuth



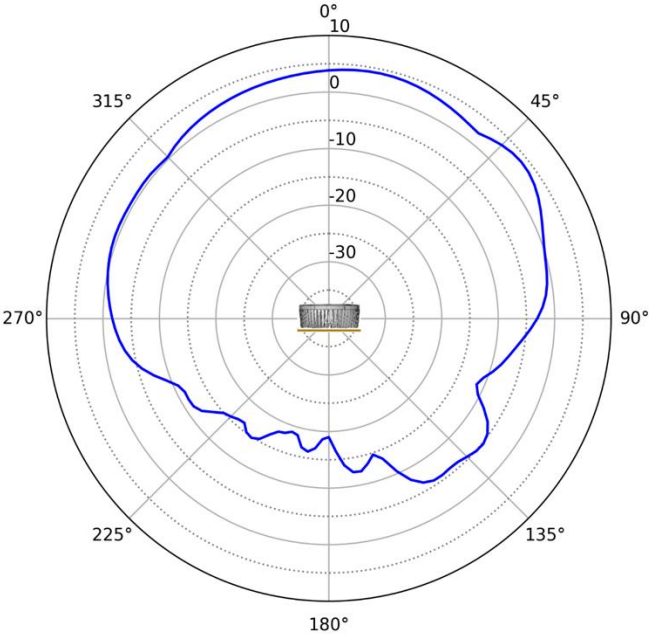
6G Elevation



5G Low Azimuth

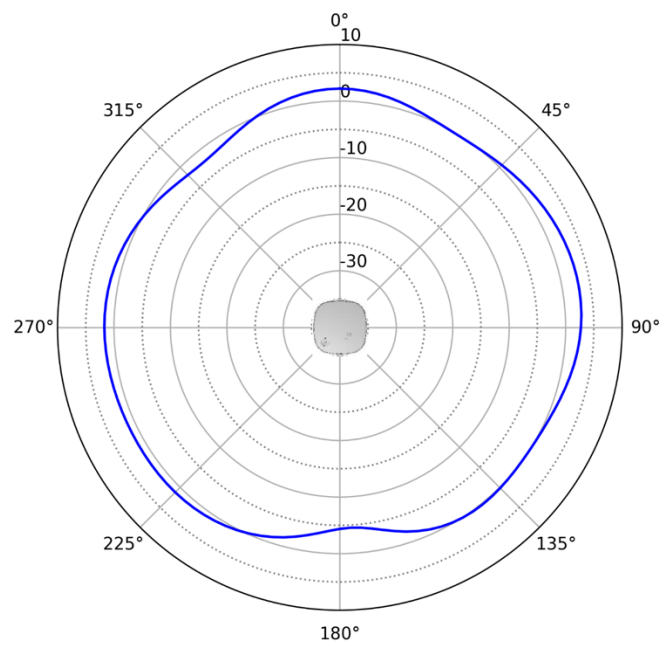


5G Low Elevation

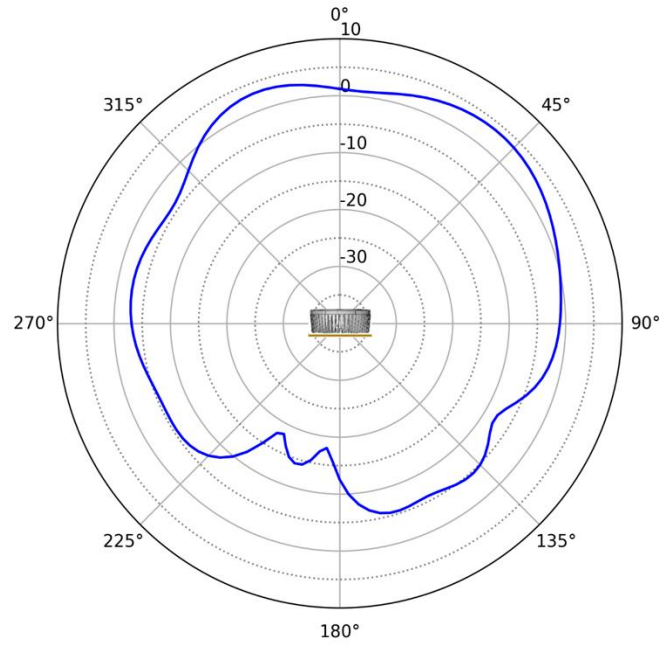


Radiation Patterns – BLE Radios

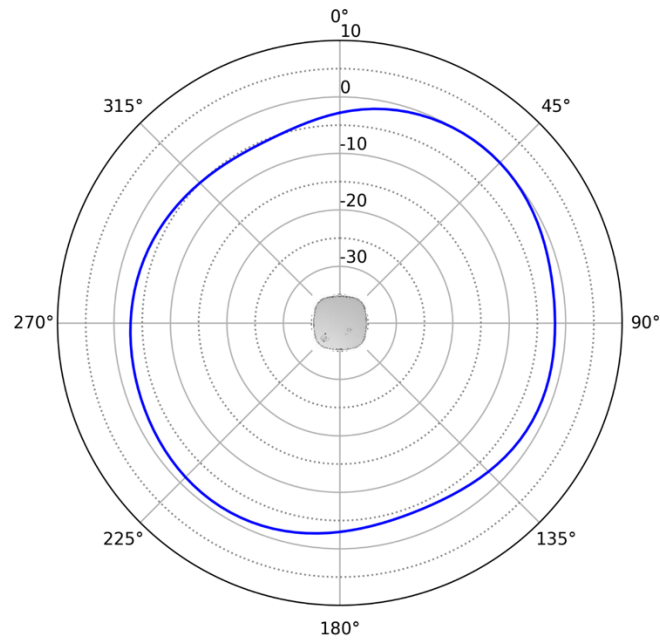
BLE Radio 1 Azimuth



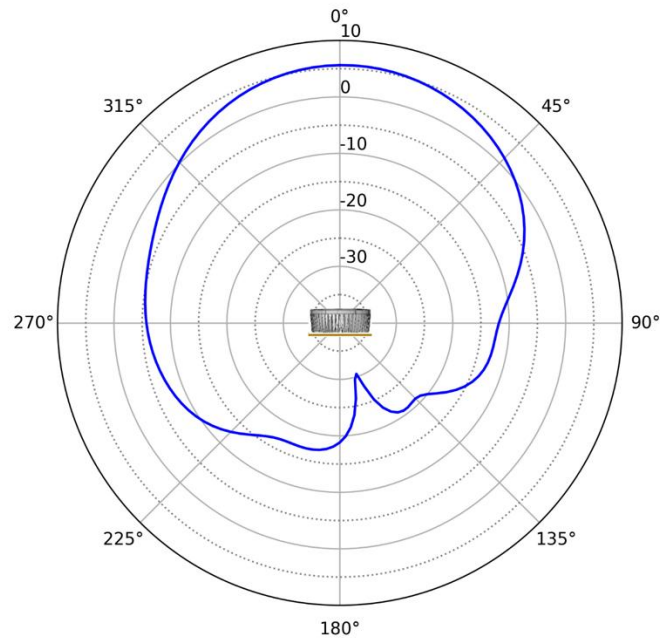
BLE Radio 1 Elevation



BLE Radio 2 Azimuth – Antenna #1

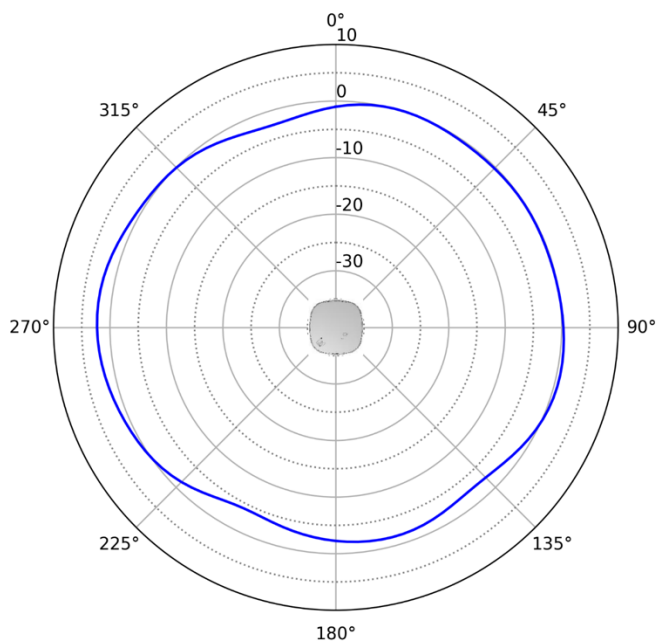


BLE Radio 2 Elevation – Antenna #1

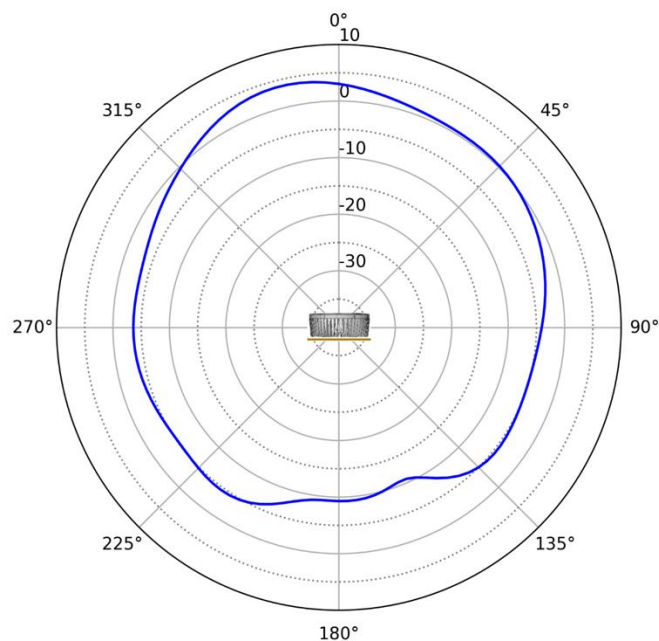


Radiation Patterns – BLE Radios

BLE Radio 2 Azimuth – Antenna #2



BLE Radio 2 Elevation – Antenna #2



Ordering Information

AP3060

Part Number	Description
AP3060-WW	Outdoor Dual Radio Wi-Fi 7 (2x2:2): 2.4 GHz and 5 GHz or 5 GHz and 6 GHz, or Dual 5 GHz, Multi-rate Port, Internal antennas. Dual IoT Radio, Includes AH-ACC-BKT-AX TB mounting bracket. Domain: World SKU
AP3060-IL	Outdoor Dual Radio Wi-Fi 7 (2x2:2): 2.4 GHz and 5 GHz or 5 GHz and 6 GHz, or Dual 5 GHz, Multi-rate Port, Internal antennas. Dual IoT Radio, Includes AH-ACC-BKT-AX TB mounting bracket. Domain: Israel
AP3060-EG	Outdoor Dual Radio Wi-Fi 7 (2x2:2): 2.4 GHz and 5 GHz or 5 GHz and 6 GHz, or Dual 5 GHz, Multi-rate Port, Internal antennas. Dual IoT Radio, Includes AH-ACC-BKT-AX TB mounting bracket. Domain: Egypt
AP3060-WW-TAA	Outdoor Dual Radio Wi-Fi 7 (2x2:2): 2.4 GHz and 5 GHz or 5 GHz and 6 GHz, or Dual 5 GHz, Multi-rate Port, Internal antennas. Dual IoT Radio, Includes AH-ACC-BKT-AX TB mounting bracket. Domain: TAA Compliant

Mounting Options

Option 1: Mount to a Pole or a Wall Vertically

Part Number	AP Mounting Accessories	Notes
AH-ACC-STRP-MRN	Weatherized access point stainless steel hose strap for 3 in. – 7 in. diameter pole.	Order (2) for mounting AP3060 or KT-147407-02 to a pole
AH-ACC-BKT-ASM	Weatherized access point stainless steel wall bracket assembly.	Allows AP3060 to mount to a wall

Option 2: Mount to a Pole or a Wall with +/- 15-Degree Tilt and/or Extension

Part Number	AP Mounting Accessories	Notes
AH-ACC-STRP-MRN	Weatherized access point stainless steel hose strap for 3 in. – 7 in. diameter pole.	Order (2) for mounting AP3060 to a pole
KT-147407-02	Outdoor mounting hardware kit for outdoor access points – stainless steel for harsh environments	Allows tilt for pole or wall mount

Option 3: Mount to a Wall with > 15-Degree Tilt and Variable Extension

Part Number	AP Mounting Accessories	Notes
MBO-ART03	MBO-ART03 Articulating Mounting Bracket	Allows 2 axis +/- 80-degree tilt (20-degree increments) and 10 inches extension - wall

Other Accessories

Part Number	Description
PD-9001GO-ENT	Weatherized 802.3at PoE single port midspan
ACC-ODS-CAT6A-LAN-GSKT	CAT6A LAN Cable Gasket used in the ODS gland. 5 sets with 2 Glands

Warranty

The AP3060 wireless access point is covered under Extreme's Product Warranty policy. For warranty details, visit our [Policies and Warranties](#) page.

Support Services

Extreme offers a portfolio of services that adapts to your unique environment and technical support needs. Globally available technical support and professional services from our in-house team of experts provide the resiliency and optimization that accelerate your business and innovation.

Combined with Extreme Platform ONE agentic support tools and workflows, Extreme Services helps you to anticipate issues and identify risks before they impact your business. For more information, visit our [Services](#) page.

