Nuclias Cloud-Managed AX3600 and AX1800 Access Points

The Wi-Fi 6 ready DBA-X2830P and DBA-X1230P access points are on hand to provide unbeatable speeds, greatly increased capacity and interference-free coverage throughout businesses.

DBA -11ax Series

- Centralized cloud-based management, with intuitive web and app-based interface
- Wi-Fi 6 ready: delivers greater network efficiency and lower latency, with nearly four times the capacity of previous Wi-Fi standards
- MU-MIMO slices through congestion, reducing wait time for all users
- Superior throughput with dual-band Wi-Fi offers high transfer speeds
- Coverage is shared more efficiently over more users with Airtime Fairness
- Band Steering intelligently manages users, pushing them onto the higher radio frequency when possible
- DBA-X2830P features two LAN ports, offering an up to 3.5 Gbps backhaul wired network, eliminating bottlenecks at the AP
- Support for Power of Ethernet 802.3at means less wires, for cleaner and easier deployment
- With Zero Touch Deployment, swift plug and play installation eliminates the need for on-site setup
- Stay secure with the latest WPA3 Personal & Enterprise wireless encryption
- DBA-X2830P Supports Link Aggregation, delivering higher bandwidth and greater network backhaul

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Intuitive Interface	Cloud Multisite Management	End to End Encryption
Zero Touch Deployment	Automated Monitoring & Alerts	Role-Based Administration
Multilingual Support	Visualized Geolocation	99.9% Service-Level Agreement (SLA)
Unlimited Scalability	Over-the-Air Firmware Upgrades	Traffic Reporting & Analytics

Model	DBA-X1230P	DBA-X2830P
Product Image		

General

Interfaces	IEEE 802.11ax Wi-Fi 6 IEEE 802.11a/b/g/n/ac Wave 2 wireless 1 x 10/100/1000 Mbps Ethernet Port 1 x RJ45 Console port	IEEE 802.11ax Wi-Fi 6 IEEE 802.11a/b/g/n/ac Wave 2 wireless 1 x 10/100/1000/2500 Mbps Ethernet Port 1 x 10/100/1000 Mbps Ethernet Port 1 x RJ45 Console port
Standards	IEEE 802.11a/b/n/g/ac/ax IEEE 802.3az Energy-Efficient Ethernet (EEE) IEEE 802.3at Power over Ethernet (PoE) IEEE 802.3i/u/ab IEEE 802.3x Flow Control	IEEE 802.11a/b/n/g/ac/ax IEEE 802.3az Energy-Efficient Ethernet (EEE) IEEE 802.3at Power over Ethernet (PoE) IEEE 802.3i/u/ab IEEE 802.3x Flow Control
LEDs	Power/Cloud	Power/Cloud, 2.4 GHz, 5 GHz, LAN 1 (PoE), LAN 2
Antenna	2 x 2 Internal omni-directional antennas (2.4 GHz: 3 dBi, 5 GHz: 4 dBi)	4 x 4 Internal omni-directional antennas (2.4 GHz: 3 dBi, 5 GHz: 4 dBi)
Maximum Output Power	2.4 GHz: 23 dBm 5 GHz: 22 dBm	2.4 GHz: 29 dBm 5 GHz: 28 dBm
Data Signal Rate	2.4 GHz: Up to 575 Mbps 5 GHz: Up to 1200 Mbps	2.4 GHz: Up to 1147 Mbps 5 GHz: Up to 2402 Mbps

Functionality

Security Features	WPA2/WPA3 Personal/Enterprise MAC address filtering RADIUS server authentication SSID isolation Guest isolation Captive portal Station isolation	WPA2/WPA3 Personal/Enterprise MAC address filtering RADIUS server authentication SSID isolation Guest isolation Captive portal Station isolation
Maximum SSIDs	Supports up to 16 SSIDs per device - Up to 8 SSIDs per wireless band	Supports up to 16 SSIDs per device - Up to 8 SSIDs per wireless band

Physical

| Dimensions	170 x 170 x 42.2 mm (6.69 x 6.69 x 1.66 in)	224.5 x 223.9 x 50 mm (8.83 x 8.81 x 1.97 in)
Weight	484 g (1.07 lbs) (without mount)	935 g (2.06 lbs) (without mount)
Power Input	IEEE 802.3at Power over Ethernet (PoE) Power Adapter : 12V/ 1.5A	IEEE 802.3at Power over Ethernet (PoE) Power Adapter : 12V/ 2.5A
Power Consumption	PoE: 14 W Power adapter: 16 W	PoE: 25.1 W Power adapter: 27 W
Operating Temperature	0 to 40 °C (32 to 104 °F)	0 to 40 °C (32 to 104 °F)
Storage Temperature	-20 to 65 °C (-4 to 149 °F)	-20 to 65 °C (-4 to 149 °F)
Operating Humidity	10% ~ 95% RH	10% ~ 95% RH
Storage Humidity	5% ~ 95% RH	5% ~ 95% RH
MTBF	1,037,000 hours	485,000 hours
Mounting Options	Ceiling mount Wall mount Desktop (horizontal)	Ceiling mount Wall mount Desktop (horizontal)
Certifications	CE, FCC, IC	CE, FCC, IC, UL-2043
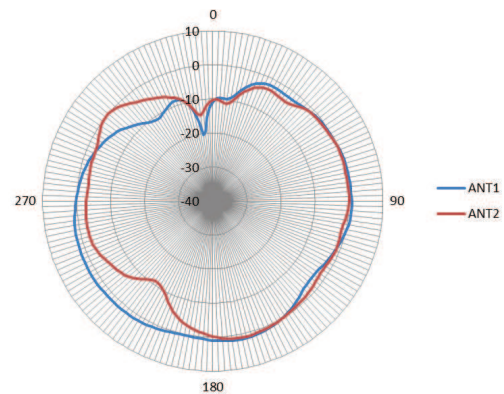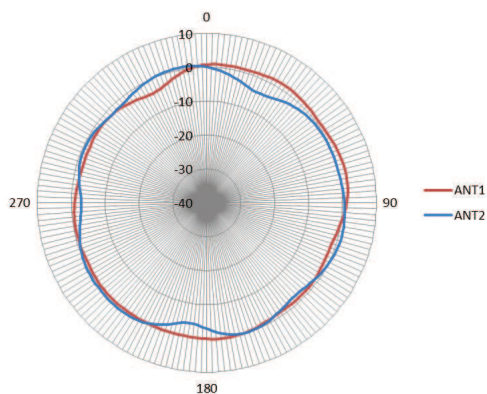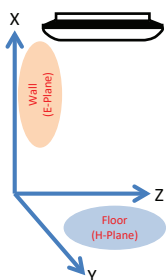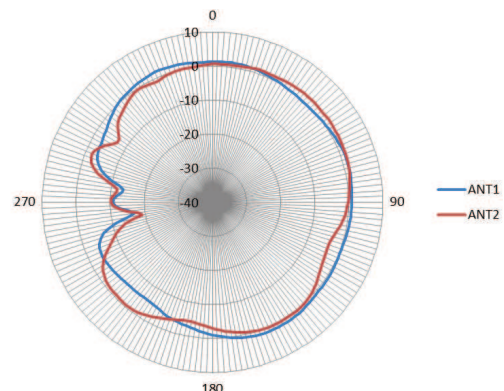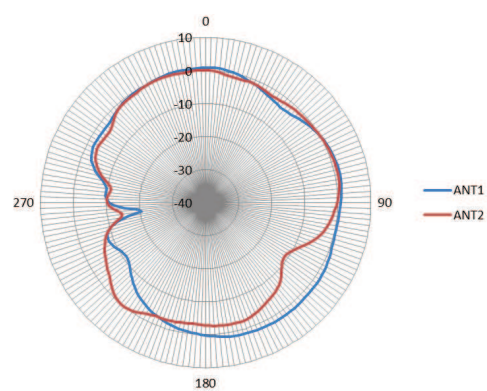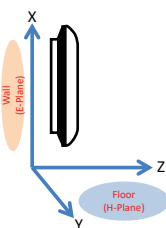
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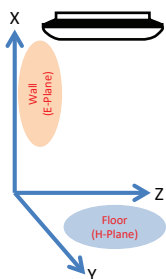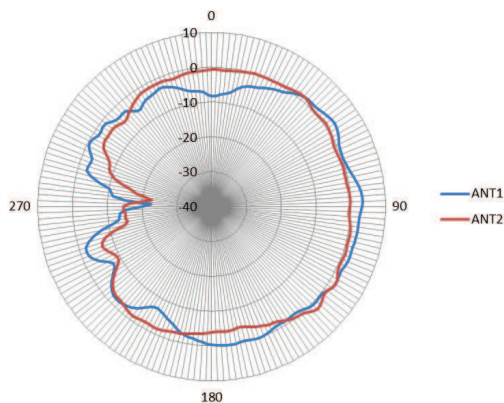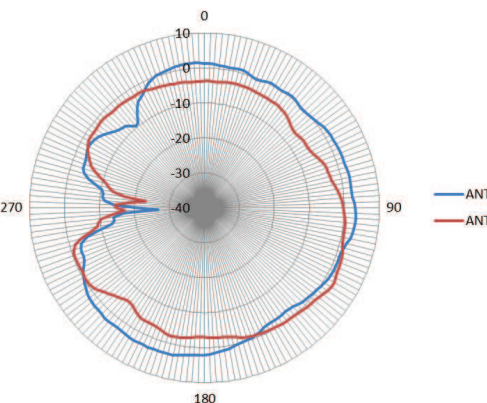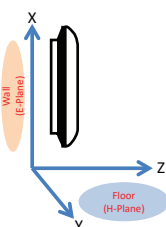| Orientation	H-Plane	E-Plane

2.4 GHz Ceiling Mounted

2.4 GHz Wall Mounted

5 GHz Ceiling Mounted
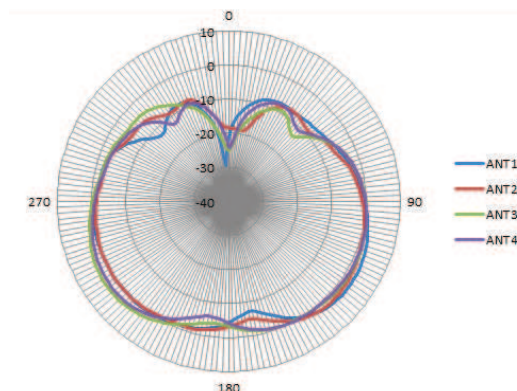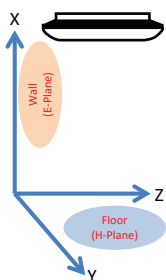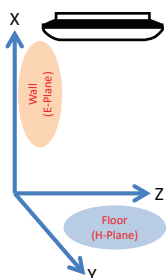

5 GHz Wall Mounted

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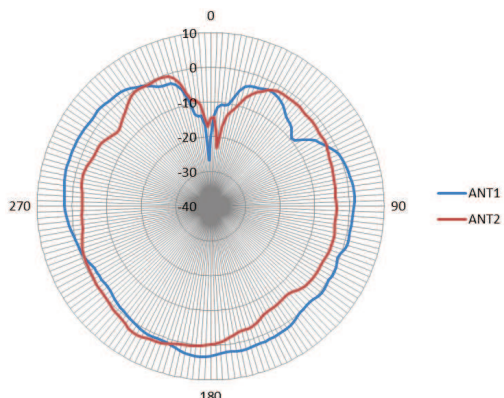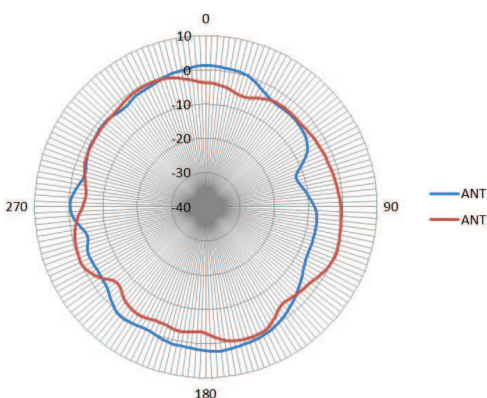
Orientation	H-Plane	E-Plane

2.4 GHz Ceiling Mounted
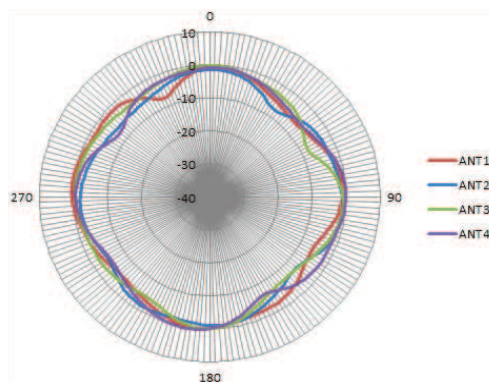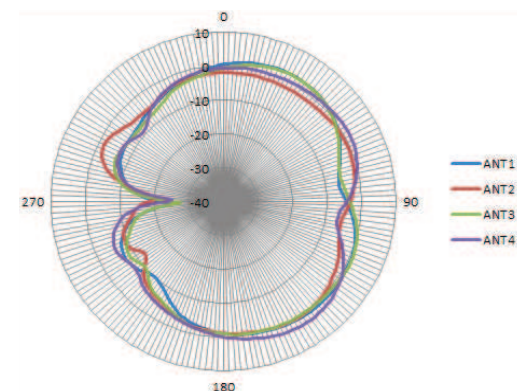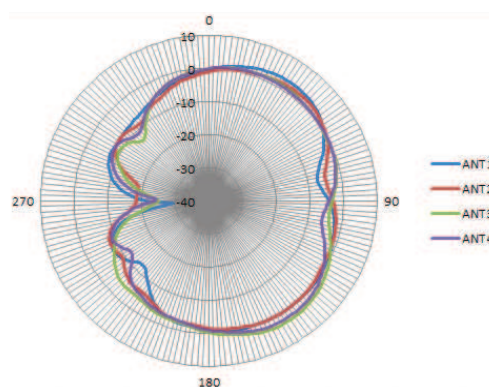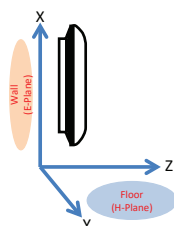
2.4 GHz Wall Mounted

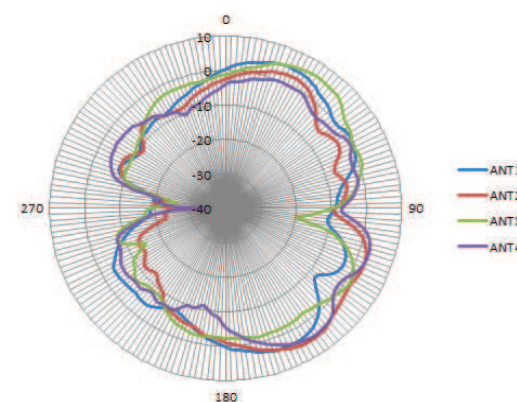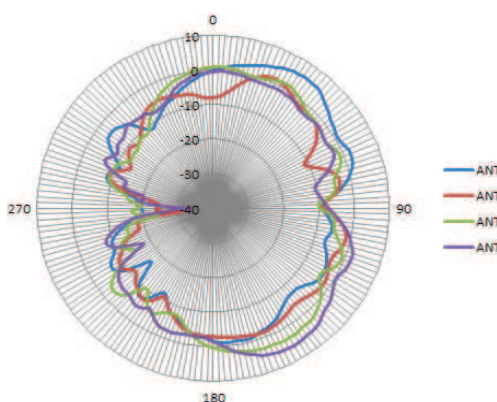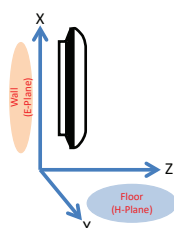### 5 GHz Ceiling Mounted
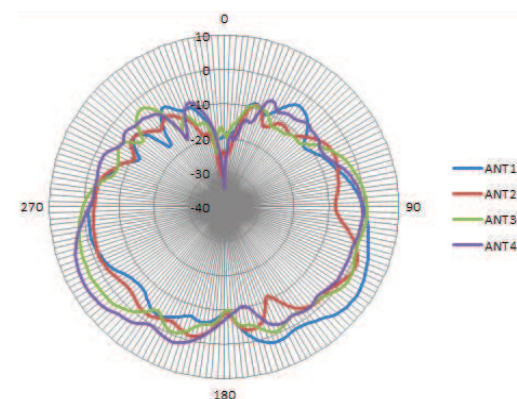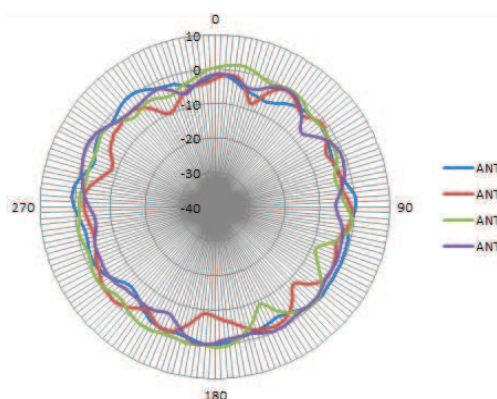
5 GHz Wall Mounted

| DBA-X1230P | Nuclias Cloud-Managed AX1800 Access Point |
| DBA-X2830P | Nuclias Cloud-Managed AX3600 Access Point |

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