tp-link | Omada

Omada
Solution Pro SDN Cloud

Omada EAP - Points d'accès WiFi Pro :
EAP660 HD / EAP620 HD / EAP265 HD / EAP245 / EAP225 / EAP115 / EAP110 /
EAP235-Wall / EAP230-Wall / EAP225-Wall / EAP115-Wall /
EAP225-Outdoor / EAP110-Outdoor



Contrôleur Omada SDN



EAP660 HD
EAP620 HD



EAP265 HD
EAP245 / EAP225
EAP115 / EAP110



EAP225-Outdoor
EAP110-Outdoor



EAP230-Wall
EAP115-Wall



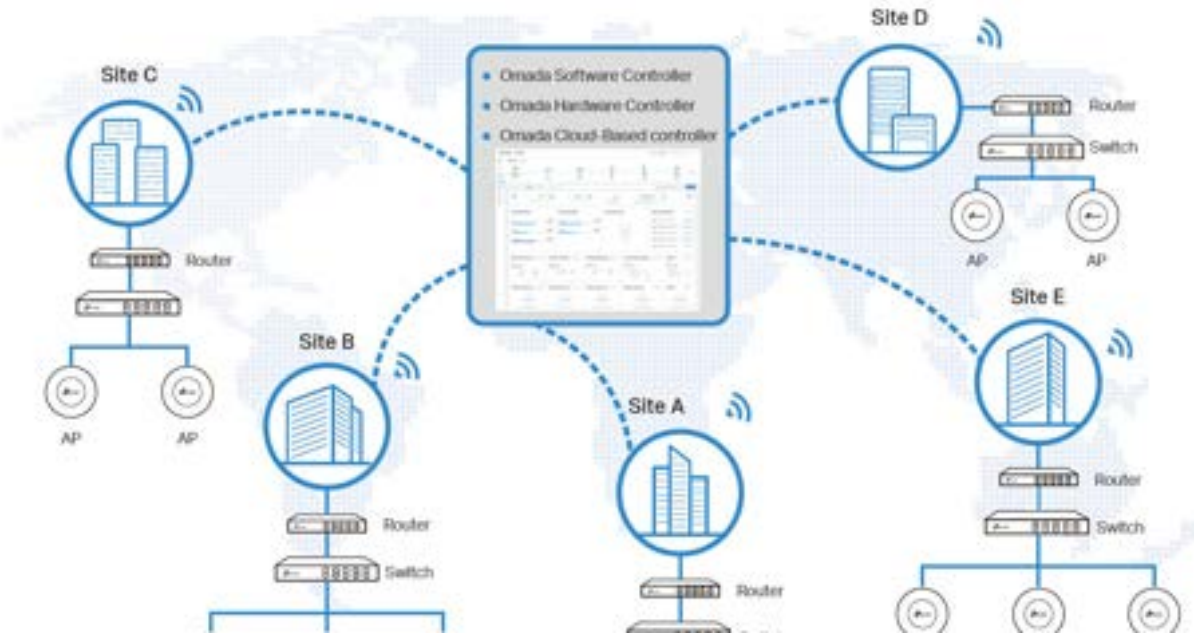
EAP235-Wall
EAP225-Wall

Solution Omada



Software Defined Networking (SDN) avec accès Cloud

La plate-forme SDN (Software Defined Networking) d'Omada intègre des périphériques réseau, y compris des points d'accès, des switches et des passerelles, offrant une gestion cloud 100% centralisée. Omada crée un réseau hautement évolutif - le tout contrôlé à partir d'une seule interface. Des connexions WiFi et filaires transparentes sont fournies, idéales pour une utilisation dans l'hôtellerie, l'éducation, la vente au détail, les bureaux, etc.





Administration centralisée Cloud

Gestion cloud 100% centralisée de l'ensemble du réseau à partir de différents sites — le tout contrôlé à partir d'une seule interface partout et à tout moment.



- No additional training needed
- Unlimited scalability
- Batch management
- Devices still work even when not connected to the Cloud

Provisionnement sans intervention pour un déploiement efficace[1]

Le provisionnement sans contact d'Omada permet le déploiement et la configuration à distance de réseaux multi-sites, il n'est donc pas nécessaire d'envoyer un ingénieur pour la configuration sur site. Le cloud Omada garantit un déploiement efficace à moindre coût.



1. Zero-Touch Provisioning is supported when using Omada-Cloud Based Controller

Technologie basée sur l'IA pour des performances plus élevées et une maintenance réseau simplifiée

Intelligent Network Analysis, Warning, and Optimization*

- Analyzes potential network problems and sends optimization suggestions for higher network efficiency
- Locates network faults, warns and notify users, and generates solutions to reduce network risk



*Intelligent Network Analysis, Warning, and Optimization are being developed and are scheduled to be released in 2020

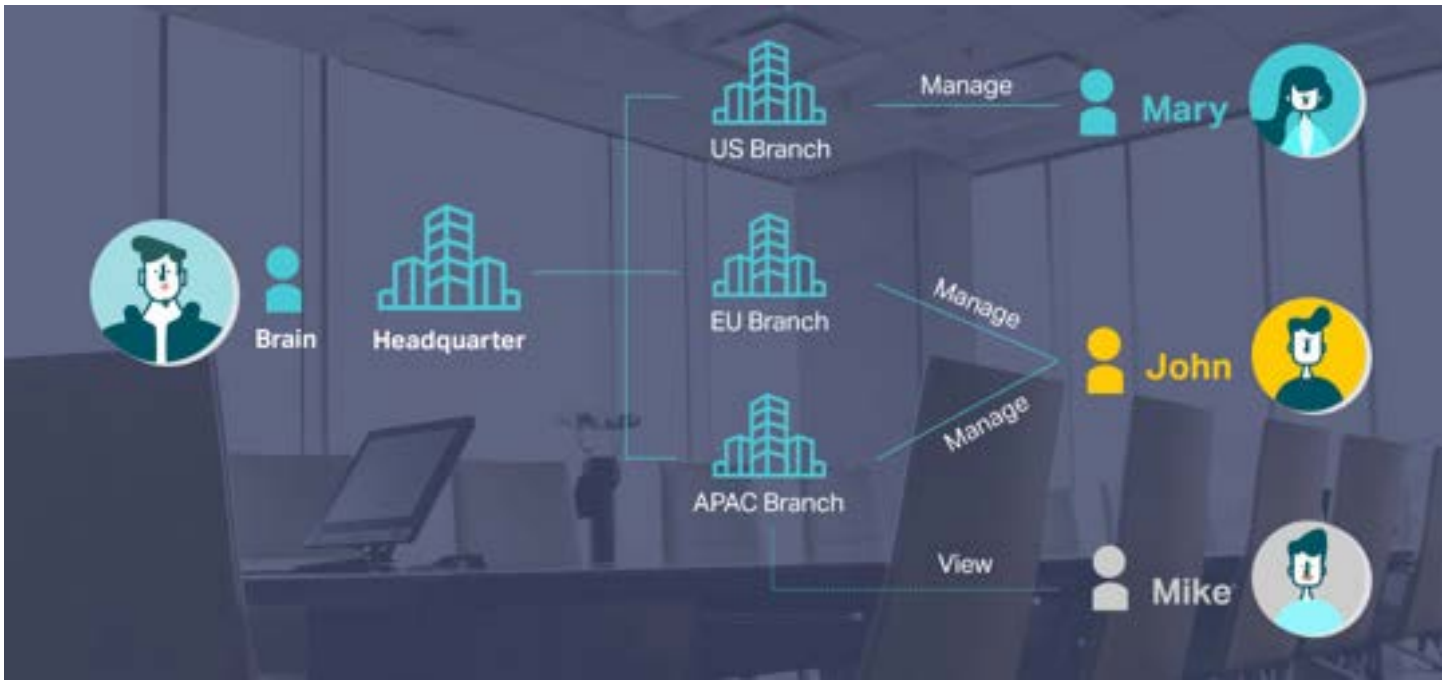
Auto Channel Selection and Power Adjustment

Provides powerful wireless performance while greatly reducing Wi-Fi interference by automatically adjusting the channel settings and transmission power levels of neighboring APs in the same network.



Attribution de différents rôles d'administration

L'attribution de privilèges multi-utilisateurs est disponible pour augmenter l'efficacité et la sécurité de l'administration. La gestion multi-personnes, les autorisations multi-niveaux et la possibilité d'ajouter des administrateurs selon les besoins permettent une exploitation et une maintenance flexibles du réseau.

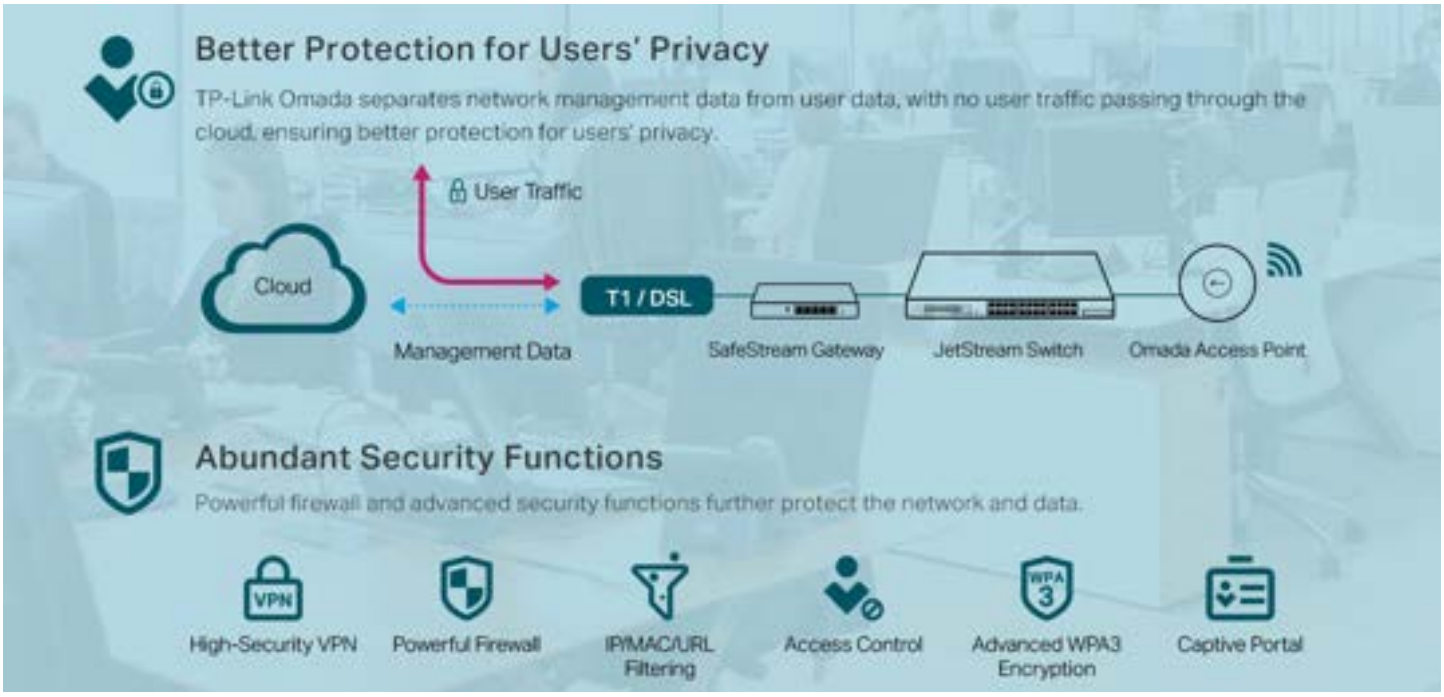


Surveillance réseau simple et intelligente

Le tableau de bord facile à utiliser permet de voir facilement l'état de votre réseau en temps réel; vérifier l'utilisation du réseau et la distribution du trafic; recevoir des journaux d'état du réseau, des avertissements d'événements anormaux et des notifications; ou même suivre les données clés pour de meilleurs résultats commerciaux. La topologie du réseau permet aux administrateurs IP de voir et de dépanner rapidement la connexion en un coup d'œil.



Protection complète pour l'ensemble du réseau



Plusieurs facteurs garantissent une fiabilité accrue

Une plus grande fiabilité du service cloud est garantie avec une disponibilité SLA de 99,99%, une détection automatique des pannes 24h / 24 et 7j / 7, des serveurs de sauvegarde géographiquement isolés et une qualité de produit fiable. Votre réseau fonctionne même si le trafic de gestion est interrompu.



Connexions fiables même avec des clients haute densité

Équipés de chipsets d'entreprise, d'antennes dédiées, de fonctions RF avancées, de sélection automatique des canaux et de réglage de la puissance, les points d'accès Omada Wi-Fi 6 et Wi-Fi 5 ont des capacités de simultanéité élevées pour des performances remarquables dans les environnements haute densité.



Caractéristiques EAP

Conception facile à monter
L'apparence élégante et la conception facile à monter du support de plafond EAP favorisent une installation rapide sur toute la surface du mur ou du plafond et lui permettre de se fondre parfaitement dans la plupart des styles de décoration intérieure. La plaque murale mince et discrète EAP peut être facilement installée dans n'importe quelle boîte de jonction murale EU / US standard ou boîte de jonction murale de 86 mm.

Alimentation PoE
Avec IEEE 802.3af / at PoE ou Passive PoE, vous pouvez utiliser des câbles Ethernet pour transférer à la fois l'alimentation électrique et les données réseau, rendant le déploiement plus flexible et supprimant la nécessité d'installer des câbles d'alimentation supplémentaires.

Conception matérielle professionnelle
Les chipsets de classe entreprise offrent des performances exceptionnelles et prennent en charge une durée de fonctionnement plus longue, une capacité client plus élevée et une plus grande portée. Des amplificateurs haute puissance dédiés, des antennes spécialisées et des boucliers RF conçus par des professionnels garantissent d'excellentes performances sans fil.

Smart Roaming [1]
L'itinérance transparente 802.11k et 802.11v permet une commutation transparente vers le point d'accès avec un signal optimal lors du déplacement entre les points d'accès.

Mesh [2]

La technologie Omada Mesh permet une connectivité WiFi entre les points d'accès pour une portée étendue, rendant les déploiements sans fil plus flexibles et plus pratiques.

Efficacité accrue avec l'OFDMA [3]

La norme Wi-Fi 6 utilise OFDMA pour une utilisation plus efficace des canaux et une latence réduite. Imaginez votre connexion WiFi comme une série de camions de livraison livrant des paquets de données à vos appareils. Avec le Wi-Fi 802.11ac, chaque camion de livraison ne pouvait livrer qu'un seul colis à un appareil à la fois. Mais avec l'OFDMA, chaque camion peut livrer plusieurs colis à plusieurs appareils simultanément. Cette vaste amélioration de l'efficacité fonctionne à la fois pour les téléchargements et les téléchargements.

Gestion RF avancée
Les technologies MU-MIMO, Airtime Fairness, Beamforming et Band Steering garantissent des performances RF optimales pour les applications de niveau professionnel.

Gestion centralisée facile
Configurez et surveillez facilement des centaines d'EAP Omada à l'aide du contrôleur Omada.

1. Seuls les EAP660 HD, EAP620 HD, EAP265 HD, EAP245 V3, EAP225 V3 et EAP225-Outdoor prennent en charge l'itinérance transparente.
2. Seuls les EAP265 HD, EAP245 V3, EAP225-Outdoor et EAP 225 v3 avec un micrologiciel spécifique sont disponibles pour Mesh.
3. Seuls les EAP660 HD et EAP620 HD prennent en charge OFDMA.

Modèles EAP

Plafonnier

							
Model	EAP660 HD	EAP620 HD	EAP265 HD	EAP245	EAP225	EAP115	EAP110
Product	AX3600 Wireless Dual-Band Multi-Gigabit Ceiling Mount Access Point	AX1800 Wireless Dual-Band Gigabit Ceiling Mount Access Point	AC1750 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	AC1750 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	AC1350 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	300Mbps Wireless N Ceiling Mount Access Point	300Mbps Wireless N Ceiling Mount Access Point
Speed	2.4 GHz: 4*4 11ax, 1148 Mbps 5 GHz: 4*4 11ax, 2402 Mbps	2.4 GHz: 2*2 11ax, 574 Mbps 5 GHz: 2*2 11ax, 1201 Mbps	2.4 GHz: 450Mbps 5 GHz: 1300Mbps	2.4 GHz: 450Mbps 5 GHz: 1300Mbps	2.4 GHz: 450Mbps 5 GHz: 867Mbps	2.4 GHz: 300Mbps	2.4 GHz: 300Mbps
Ethernet Port	1 x 2.5Gbps Ethernet Port	1 x Gigabit Ethernet Port	2 x Gigabit Ethernet Port	2 x Gigabit Ethernet Port	1 x Gigabit Ethernet Port	1 x 10/100Mbps Ethernet Port	1 x 10/100Mbps Ethernet Port
Power Supply	802.3at PoE / 12V DC	802.3at PoE / 12V DC	802.3af PoE / 48 V Passive PoE	802.3af PoE / 48 V Passive PoE	802.3af PoE / 24V Passive PoE	802.3af PoE / External 9 V/0.6 A DC power supply	24V Passive PoE
Internal Antennas	2.4 GHz: 4 x 4 dBi 5 GHz: 4 x 5 dBi	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 5 dBi	2.4 GHz: 3 x 3.5 dBi 5 GHz: 3 x 4 dBi	2.4 GHz: 3 x 3.5 dBi 5 GHz: 3 x 4 dBi	2.4 GHz: 3 x 4 dBi 5 GHz: 2 x 5 dBi	2 x 4 dBi	2 x 4 dBi

Mural

				
Model	EAP235-Wall	EAP230-Wall	EAP225-Wall	EAP115-Wall
Product	Omada AC1200 Wireless MU-MIMO Gigabit Wall Plate Access Point	Omada AC1200 Wireless MU-MIMO Gigabit Wall-Plate Access Point	Omada AC1200 Wireless MU-MIMO Wall-Plate Access Point	300Mbps Wireless N Wall-Plate Access Point
Speed	2.4 GHz: 300 Mbps 5 GHz: 867 Mbps	2.4 GHz: 300 Mbps 5 GHz: 867 Mbps	2.4 GHz: 300 Mbps 5 GHz: 867 Mbps	2.4 GHz: 300 Mbps
Ethernet Port	4 x 10/100/1000 Mbps RJ45 Ports	2 x 10/100/1000 Mbps RJ45 Ports	4 x 10/100 Mbps RJ45 Ports	2 x 10/100 Mbps RJ45 Ports
Power Supply	802.3af/at PoE	802.3af/at PoE	802.3af/at PoE	802.3af PoE
Internal Antennas	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 4 dBi	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 3.6 dBi	2.4 GHz: 2 x 3 dBi 5 GHz: 2 x 4 dBi	2 x 1.8 dBi

Outdoor

		
Model	EAP225-Outdoor	EAP110-Outdoor
Product	AC1200 Wireless MU-MIMO Gigabit Indoor/Outdoor Access Point	300Mbps Wireless N Outdoor Access Point
Speed	2.4 GHz: 300Mbps 5 GHz: 867Mbps	2.4 GHz: 300Mbps
Ethernet Port	1 Gigabit RJ45 Port	1 10/100Mbps RJ45 Port
Power Supply	802.3af PoE / 24V Passive PoE	24V Passive PoE
Internal Antennas	2 Dual-Band Omni Antennas (External Detachable) 2.4 GHz: 3 dBi; 5 GHz: 4 dBi	2 Omni Antennas (External Detachable) 2.4 GHz: 3 dBi

Spécifications

Plafonnier 802.11ax			
Model		EAP660 HD	EAP620 HD
Name		AX3600 Wireless Dual-Band Multi-Gigabit Ceiling Mount Access Point	AX1800 Wireless Dual-Band Gigabit Ceiling Mount Access Point
Main Design	LAN Interfaces	1 x 2.5Gbps Ethernet Port	1 x Gbps Ethernet Port
	Wi-Fi Standards	IEEE 802.11ax/ac/n/g/b/a	
	Maximum Data Rate	1148 Mbps (2.4 GHz) +2402 Mbps (5 GHz)	574 Mbps (2.4 GHz) +1201 Mbps (5 GHz)
	Concurrent Clients	1000+	1000+
	Antennas	2.4 GHz: 4 x 4 dBi 5 GHz: 4 x 5 dBi	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 5 dBi
	Transmit Power	CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, EIRP) FCC: < 26 dBm (2.4 GHz); < 26 dBm (5 GHz)	CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, EIRP) FCC: < 25 dBm (2.4 GHz); < 25 dBm (5 GHz)
Centralized Management	Omada Software Controller	•	
	Omada Hardware Controller	•	
	Omada APP	•	
Security	Captive Portal Authentication	•	
	Access Control	•	
	Maximum number of MAC Filter	4000	
	Wireless Isolation between Clients	•	
	VLAN	•	
	Rogue AP Detection	•	
	Wireless Encryption	WEP, WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise	
	802.1X Support	•	
Wireless Function	Multiple SSIDs	16 (8 on each band)	
	Enable/Disable Wireless Radio	•	
	Enable/Disable SSID Broadcast	•	
	Guest Network	•	
	Automatic Channel Assignment	•	
	Transmit Power Control	Adjust transmit Power on dBm	
	QoS (WMM)	•	
	Seamless Roaming	•	
	Mesh	-	
	Beamforming	•	
	MU-MIMO	•	
	Rate Limit	Based on SSID/Client	
	Load Balance	•	
	Airtime Fairness	•	
	Band Steering	•	
	RADIUS Accounting	•	
	MAC Authentication	•	
	Reboot Schedule	•	
	Wireless Schedule	•	
	Wireless Statistics	•	
	Static IP/Dynamic IP	•	

Plafonnier 802.11ax			
Model		EAP660 HD	EAP620 HD
Support Data Rates	802.11ax	8 Mbps to 2402 Mbps (MCS0-MCS11, NSS = 1 to 4 HE20/40/80)	8 Mbps to 1201 Mbps (MCS0-MCS11, NSS = 1 to 2 HE20/40/80)
	802.11ac	6.5 Mbps to 2166.7 Mbps (MCS0-MCS11, NSS = 1 to 4 VHT20/40/80)	6.5 Mbps to 1083.3 Mbps (MCS0-MCS11, NSS = 1 to 2 VHT20/40/80)
	802.11n	6.5 Mbps to 600 Mbps(MSC0-MCS31, HT20/40)	6.5 Mbps to 300 Mbps (MCS0-MCS15, HT20/40)
	802.11g	6, 9, 12, 18, 24, 36, 48 ,54 Mbps	
	802.11b	1, 2, 5.5, 11 Mbps	
	802.11a	6, 9, 12, 18, 24, 36, 48 ,54 Mbps	
Management	LED ON/OFF Control	•	
	Management MAC Access Control	•	
	Web-based Management	•	
	Telenet	•	
	SNMP	v1, v2c, v3	
	SSH	•	
	Restore & Backup	•	
	Firmware update via Web	•	
	NTP	•	
	System Log	•	
	Email Alerts	•	
Physical & Environment	Power Supply	802.3at PoE or external 12V/2A DC power supply	802.3at PoE or external 12V/1A DC power supply
	Maximum Power Consumption	EU: 18.5 W (For PoE); 15 W (for DC) US: 22.5 W (For PoE); 18 W (for DC)	EU: 12.5 W (For PoE); 10 W (for DC) US: 14W (For PoE); 11.5 W (for DC)
	Reset	•	
	Mounting	Ceiling / Wall mouting (Kits included)	
Others	Certifications	CE, FCC, RoHS	
	Dimensions (W x D x H)	243 x 243 x 64 mm	
	Environment	Operating Temperature: 0 °C–40 °C Storage Temperature: -40 °C–70 °C Operating Humidity: 10%–90% non-condensing; Storage Humidity: 5%–90% non-condensing;	

Plafonnier 802.11n/ac

Model		EAP265 HD	EAP245	EAP225	EAP115	EAP110
Name		AC1750 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	AC1750 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	AC1350 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	300 Mbps Wireless N Access Point	300 Mbps Wireless N Access Point
Main Design	LAN Interfaces	2 10/100/1000 Mbps Ethernet Ports		1 10/100/1000 Mbps Ethernet Port	1 10/100 Mbps Ethernet Port	
	Wi-Fi Standards	IEEE 802.11a/b/g/n/ac			IEEE 802.11a/b/g/n	
	Maximum Data Rate	450 Mbps (2.4 GHz) +1300 Mbps (5 GHz)		450 Mbps (2.4 GHz) +876 Mbps (5 GHz)	300 Mbps (2.4 GHz)	
	Concurrent Clients	500+	220+	220+	100	
	Antennas	2.4G: 3 x 3.5 dBi 5GHz: 3 x 4 dBi	2.4 GHz: 3 x 3.5 dBi, 5 GHz: 3 x 4 dBi	2.4 GHz: 3 x 4 dBi, 5 GHz: 2 x 5 dBi	2 x 4 dBi	
	Transmit Power	CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, EIRP) FCC: < 24 dBm (2.4 GHz); < 24 dBm (5 GHz)	CE: < 20 dBm (2.4 GHz, EIRP); < 28 dBm (5 GHz, EIRP) FCC: < 24 dBm (2.4 GHz); < 24 dBm (5 GHz)	CE: < 20 dBm (2.4 GHz, EIRP); < 27 dBm (5 GHz, EIRP) FCC: < 24 dBm (2.4 GHz); < 22 dBm (5 GHz)	CE: < 19 dBm (EIRP), FCC: < 21 dBm	
Centralized Management	Omada Software Controller	•				
	Omada Hardware Controller	•				
	Omada APP	•				
Security	Captive Portal Authentication	•				
	Access Control	•				
	Maximum number of MAC Filter	4000				
	Wireless Isolation between Clients	•				
	VLAN	•				
	Rogue AP Detection	•				
	Wireless Encryption	WEP, WPA-Personal/Enterprise, WPA2-Personal/Enterprise				
	802.1X Support	•				
Wireless Function	Multiple SSIDs	16 (8 on each band)			8	
	Enable/Disable Wireless Radio	•				
	Enable/Disable SSID Broadcast	•				
	Guest Network	•				
	Automatic Channel Assignment	•				
	Transmit Power Control	Adjust transmit Power on dBm				
	QoS (WMM)	•				
	Seamless Roaming	•			-	
	Mesh	•			-	
	Beamforming	•			-	
	MU-MIMO	•			-	
	Rate Limit	Based on SSID/Client				
	Load Balance	•				
	Airtime Fairness	•			-	
	Band Steering	•			-	
	RADIUS Accounting	•				
	MAC Authentication	•				
	Reboot Schedule	•				
	Wireless Schedule	•				
	Wireless Statistics	•				
	Static IP/Dynamic IP	•				

Plafonnier 802.11n/ac

Model		EAP265 HD	EAP245	EAP225	EAP115	EAP110
Support Data Rates	802.11ac	6.5 Mbps to 1300 Mbps (MCS0-MCS9, NSS = 1 to 3 VHT20/40/80)		6.5 Mbps to 867 Mbps (MCS0-MCS9, NSS = 1 to 2 VHT20/40/80)	-	
	802.11n	6.5 Mbps to 450 Mbps (MCS0-MCS23, HT20/40)			6.5 Mbps to 300 Mbps (MCS0-MCS15, HT20/40)	
	802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps				
	802.11b	1, 2, 5.5, 11 Mbps				
	802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps			-	
Management	LED ON/OFF Control	•				
	Management MAC Access Control	•				
	Web-based Management	•				
	Telenet	•				
	SNMP	v1, v2c				
	SSH	•				
	Restore & Backup	•				
	Firmware update via Web	•				
	NTP	•				
	System Log	•				
	Email Alerts	•				
Physical & Environment	Power Supply	802.3af PoE or 48 V Passive PoE (+4,5 pins; -7,8 pins. PoE Adapter Included)	802.3af PoE or 48 V Passive PoE (+4,5 pins; -7,8 pins. PoE Adapter Included)	802.3af PoE or 24 V Passive PoE (+4,5 pins; -7,8 pins. PoE Adapter Included)	802.3af PoE or external 9 V/0.6 A DC power supply	24 V Passive PoE (+4,5 pins; -7,8 pins. PoE Adapter Included)
	Maximum Power Consumption	10.36 W	12.3 W	12.6 W	3.1 W	2.8 W
	Reset	•				
	Mounting	Ceiling/Wall mounting (Kits included)				
Others	Certifications	CE, FCC, RoHS				
	Dimensions (W x D x H)	205.4 x 181.6 x 37.4 mm			189.4 x172.3 x 29.5 mm	
	Environment	Operating Temperature: 0 °C–40 °C Storage Temperature: -40 °C–70 °C Operating Humidity: 10%–90% non-condensing Storage Humidity: 5%–90% non-condensing				

Mural

Model		EAP235-Wall	EAP230-Wall	EAP225-Wall	EAP115-Wall
Name		AC1200 Wireless MU-MIMO Gigabit Wall Plate Access Point	AC1200 Wireless MU-MIMO Gigabit Wall Plate Access Point	AC1200 Wireless MU-MIMO Wall Plate Access Point	300 Mbps Wireless N Wall Plate Access Point
Main Design	LAN Interfaces	Uplink: 1 10/100/1000 Mbps Ethernet Port Downlink: 3 10/100/1000 Mbps Ethernet Ports (one supports PoE Out)	Uplink: 1 10/100/1000 Mbps Ethernet Port Downlink: 1 10/100/1000 Mbps Ethernet Port	Uplink: 1 10/100 Mbps Ethernet Port Downlink: 3 10/100 Mbps Ethernet Ports (one supports PoE Out)	Uplink: 1 10/100 Mbps Ethernet Port Downlink: 1 10/100 Mbps Ethernet Port
	Wi-Fi Standards	IEEE 802.11a/b/g/n/ac			IEEE 802.11a/b/g/n
	Maximum Data Rate	300 Mbps (2.4 GHz) + 867 Mbps (5 GHz)			300 Mbps (2.4 GHz)
	Concurrent Clients	200	200	200	100
	Antennas	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 4 dBi	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 3.6 dBi	2.4 GHz: 2 x 3 dBi 5 GHz: 2 x 4 dBi	2 x 1.8 dBi
	Transmit Power	FCC: < 21 dBm (2.4 GHz); < 21 dBm (5 GHz)	CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, EIRP)	CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, EIRP) FCC: < 21 dBm (2.4 GHz); < 21 dBm (5 GHz)	CE: < 20 dBm
Centralized Management	Omada Software Controller	•			
	Omada Hardware Controller	•			
	Omada APP	•			
Security	Captive Portal Authentication	•			
	Access Control	•			
	Maximum number of MAC Filter	4000			
	Wireless Isolation between Clients	•			
	VLAN	•			
	Rogue AP Detection	•			
	Wireless Encryption	WEP, WPA-Personal/Enterprise, WPA2-Personal/Enterprise			
	802.1X Support	•			
Wireless Function	Multiple SSIDs	16 (8 on each band)			8
	Enable/Disable Wireless Radio	•			
	Enable/Disable SSID Broadcast	•			
	Guest Network	•			
	Automatic Channel Assignment	•			
	Transmit Power Control	Adjust transmit Power on dBm			
	QoS (WMM)	•			
	Seamless Roaming	-			
	Mesh	-			
	Beamforming	•			-
	MU-MIMO	•			-
	Rate Limit	Based on SSID/Client			
	Load Balance	•			
	Airtime Fairness	-			
	Band Steering	•			-
	RADIUS Accounting	•			
	MAC Authentication	•			
	Reboot Schedule	•			
	Wireless Schedule	•			
	Wireless Statistics	•			
	Static IP/Dynamic IP	•			

Mural

Model		EAP235-Wall	EAP230-Wall	EAP225-Wall	EAP115-Wall
Support Data Rates	802.11ac	6.5 Mbps to 867 Mbps (MCS0-MCS9, NSS = 1 to 2 VHT20/40/80)			-
	802.11n	6.5 Mbps to 300 Mbps (MCS0-MCS15, HT20/40)			
	802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps			
	802.11b	1, 2, 5.5, 11 Mbps			
	802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps			-
Management	LED ON/OFF Control	•			
	Management MAC Access Control	•			
	Web-based Management	•			
	Telenet	•			
	SNMP	v1, v2c			
	SSH	•			
	Restore & Backup	•			
	Firmware update via Web	•			
	NTP	•			
	System Log	•			
	Email Alerts	•			
Physical & Environment	Power Supply	802.3af/at PoE			802.3af PoE
	Maximum Power Consumption	9.8 W (Without PoE Out)	7 W	9.8 W (Without PoE Out)	2.8 W
	Reset	•			
	Mounting	Wall Plate Mouting (Kits included)			
Others	Certifications	FCC, RoHS	CE, RoHS	CE, FCC, RoHS	CE, RoHS
	Dimensions (W x D x H)	143 x 86 x 20 mm	86.8 × 86.8 × 30.2 mm	143 x 86 x 20 mm	86.8 × 86.8 × 30.2 mm
	Environment	Operating Temperature: 0 ℃–40 ℃ Storage Temperature: -40 ℃–70 ℃ Operating Humidity: 10%–90% non-condensing; Storage Humidity: 5%–90% non-condensing;			

Outdoor

Model		EAP225-Outdoor	EAP110-Outdoor
Name		AC1200 Wireless MU-MIMO Gigabit Indoor/Outdoor Access Point	300 Mbps Wireless N Outdoor Access Point
Main Design	LAN Interfaces	1 10/100/1000 Mbps Ethernet Port	1 10/100 Mbps Ethernet Port
	Wi-Fi Standards	IEEE 802.11b/g/n/ac	IEEE 802.11b/g/n
	Maximum Data Rate	300 Mbps (2.4 GHz) + 867 Mbps (5 GHz)	300 Mbps (2.4 GHz)
	Concurrent Clients	220+	100
	Antennas	2 Dual-Band Omni Antennas (External Detachable) 2.4 GHz: 3 dBi; 5 GHz: 4 dBi	2 Omni Antennas (External Detachable) 2.4 GHz: 3 dBi
	Transmit Power	CE: < 20 dBm (2.4 GHz, EIRP), < 27 dBm (5 GHz, EIRP); FCC: < 23 dBm (2.4 GHz), < 22 dBm (5 GHz)	CE: < 20 dBm (EIRP), FCC: < 22 dBm
Centralized Management	Omada Software Controller	•	
	Omada Hardware Controller	•	
	Omada APP	•	
Security	Captive Portal Authentication	•	
	Access Control	•	
	Maximum number of MAC Filter	4000	
	Wireless Isolation between Clients	•	
	VLAN	•	
	Rogue AP Detection	•	
	Wireless Encryption	WEP, WPA-Personal/Enterprise, WPA2-Personal/Enterprise	
	802.1X Support	•	
Wireless Function	Multiple SSIDs	16 (8 for each band)	8
	Enable/Disable Wireless Radio	•	
	Enable/Disable SSID Broadcast	•	
	Guest Network	•	
	Automatic Channel Assignment	•	
	Transmit Power Control	Adjust transmit Power on dBm	
	QoS (WMM)	•	
	Seamless Roaming	•	-
	Mesh	•	-
	Beamforming	•	-
	MU-MIMO	•	-
	Rate Limit	Based on SSID/Client	
	Load Balance	•	
	Airtime Fairness	•	-
	Band Steering	•	-
	RADIUS Accounting	•	
	MAC Authentication	•	
	Reboot Schedule	•	
	Wireless Schedule	•	
	Wireless Statistics	•	
	Static IP/Dynamic IP	•	
Support Data Rates	802.11ac	6.5 Mbps to 867 Mbps (MCS0-MCS9, NSS=1 to 2 VHT20/40/80)	-
	802.11n	6.5 Mbps to 300 Mbps (MCS0-MCS15, HT20/40)	
	802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps	
	802.11b	1, 2, 5.5, 11 Mbps	
	802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps	-

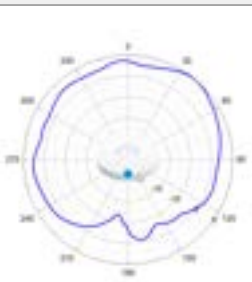
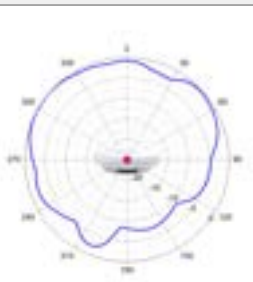
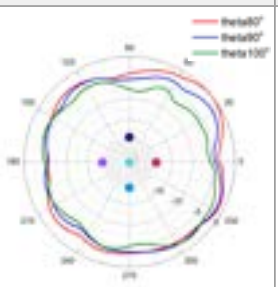
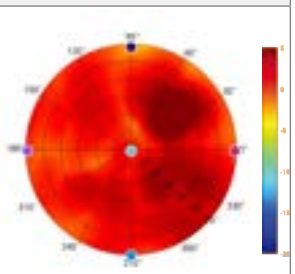
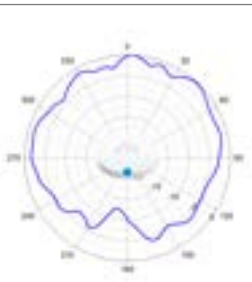
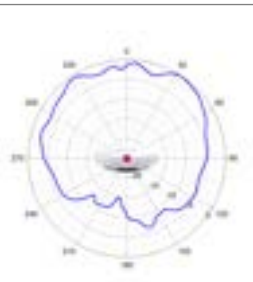
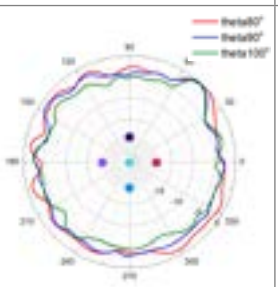
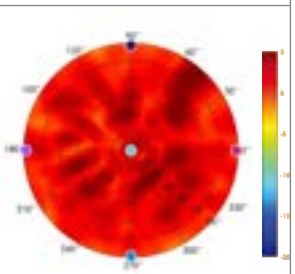
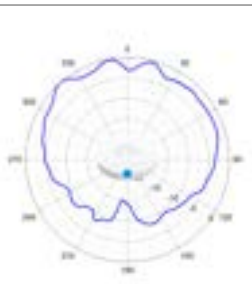
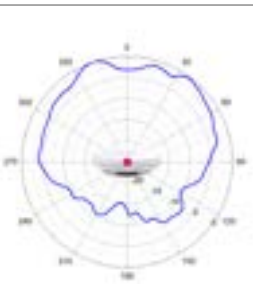
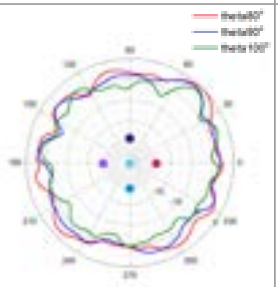
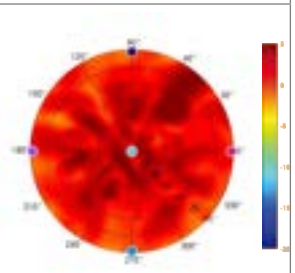
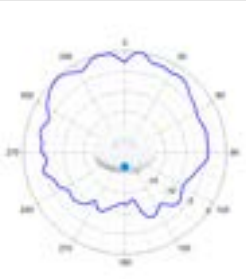
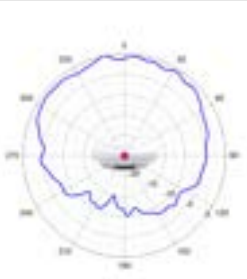
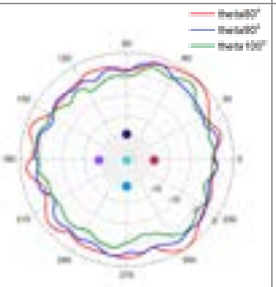
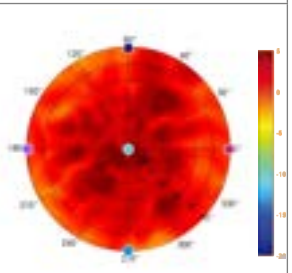
Outdoor AP

Model		EAP225-Outdoor	EAP110-Outdoor
Management	LED ON/OFF Control	•	
	Management MAC Access Control	•	
	Web-based Management	•	
	Telenet	•	
	SNMP	v1, v2c	
	SSH	•	
	Restore & Backup	•	
	Firmware update via Web	•	
	NTP	•	
	System Log	•	
	Email Alerts	•	
Physical & Environment	Power Supply	802.3af PoE or 24 V Passive PoE (+4,5 pins; -7,8 pins. PoE Adapter Included)	24 V Passive PoE (+4,5 pins; -7,8 pins. PoE Adapter Included)
	Maximum Power Consumption	10.5W	3.1 W
	Reset	•	
	Mounting	Pole/Wall mouting (Kits included)	
Others	Certifications	CE, FCC, RoHS	
	Dimensions (W x D x H)	214.9 x 46 x 26.7 mm	216 x 46 x 27 mm
	Environment	Operating Temperature: -30 °C–70 °C Storage Temperature: -40 °C–70 °C Operating Humidity: 10%–90% non-condensing; Storage Humidity: 5%–90% non-condensing;	Operating Temperature: -30 °C–65 °C Storage Temperature: -40 °C–70 °C Operating Humidity: 10%–90% non-condensing; Storage Humidity: 5%–90% non-condensing;

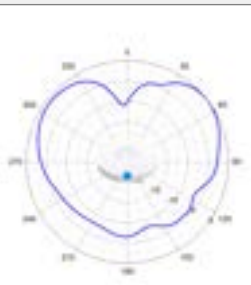
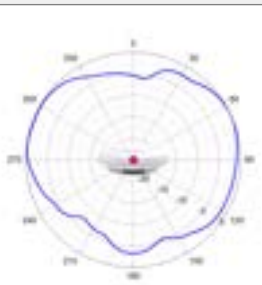
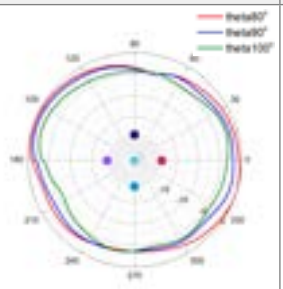
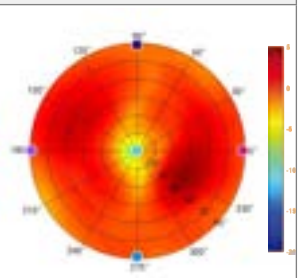
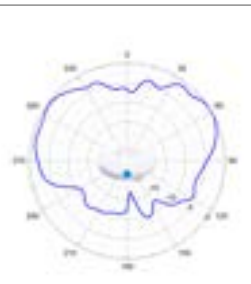
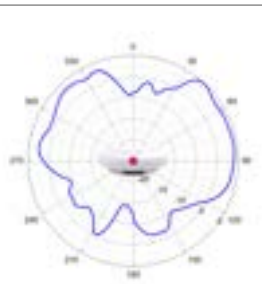
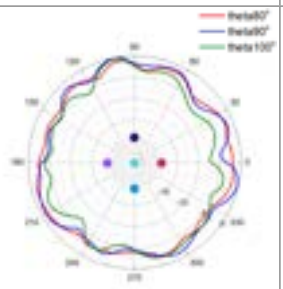
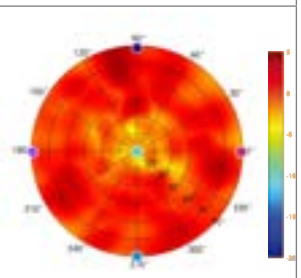
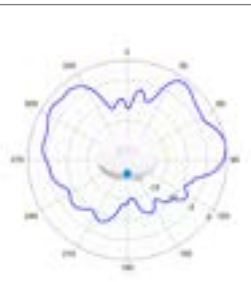
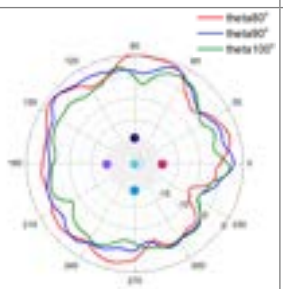
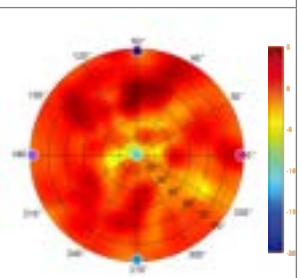
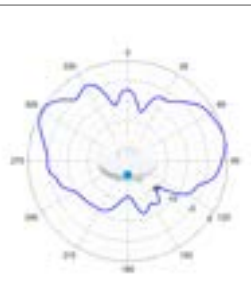
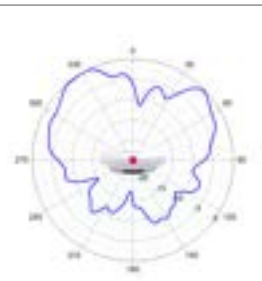
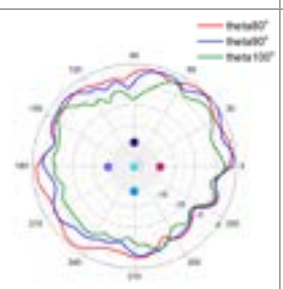
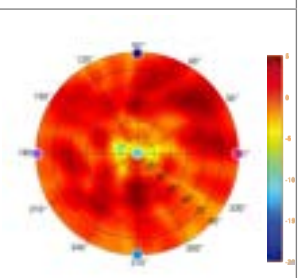
Modèles de rayonnement d'antenne

Plafonnier

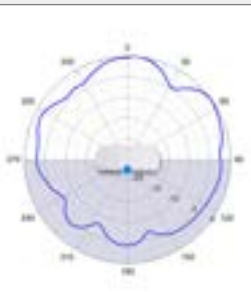
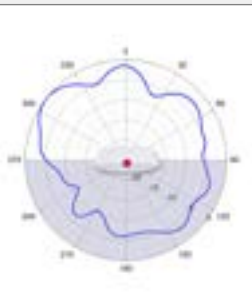
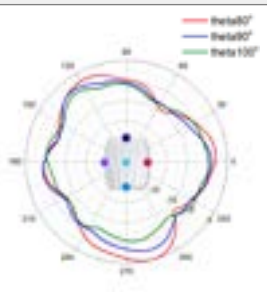
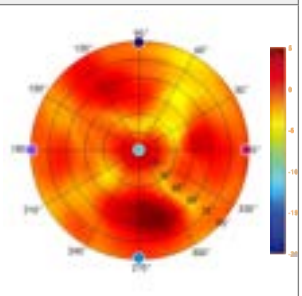
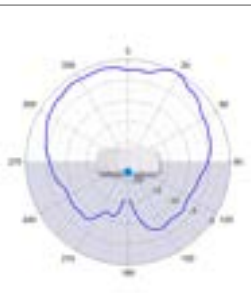
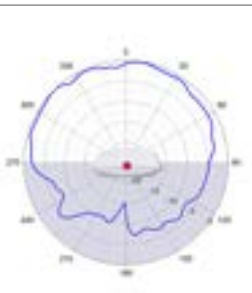
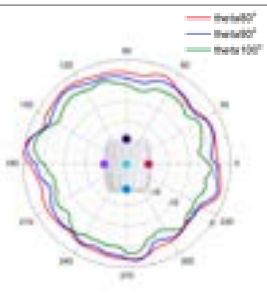
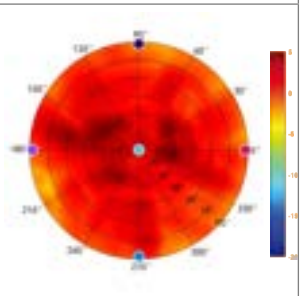
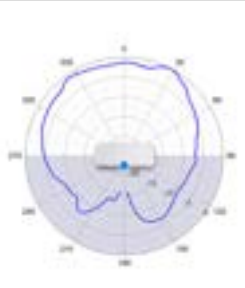
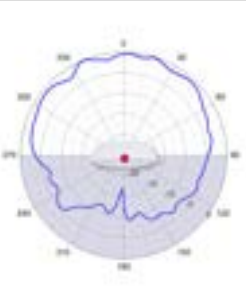
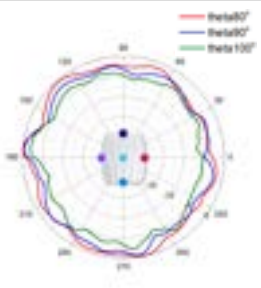
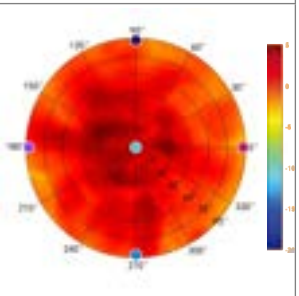
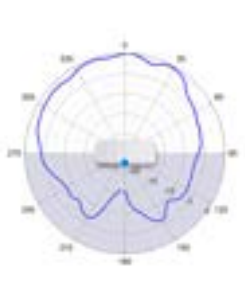
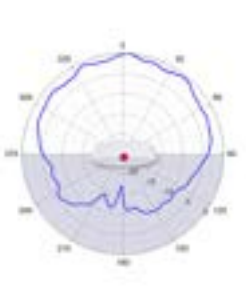
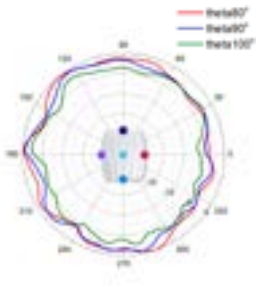
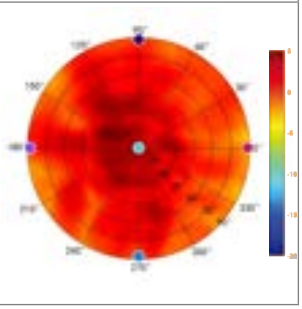
EAP660 HD

	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz				
5.25 GHz				
5.5 GHz				
5.75 GHz				

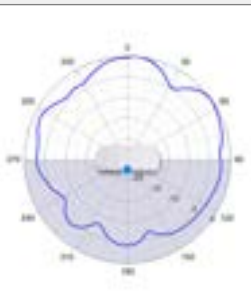
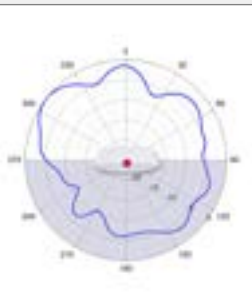
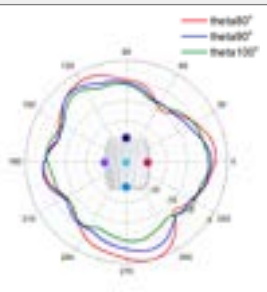
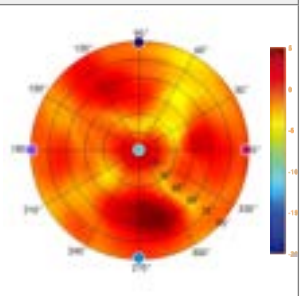
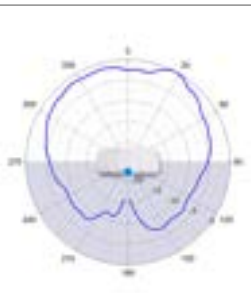
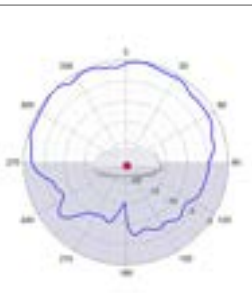
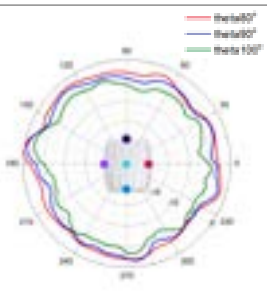
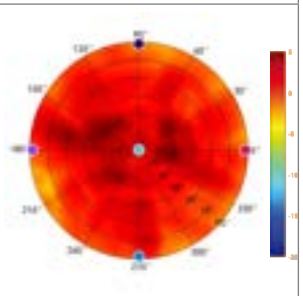
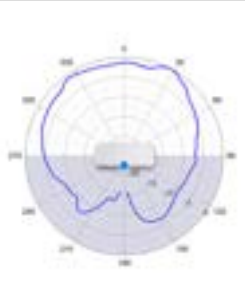
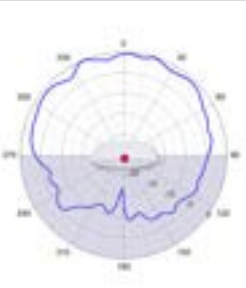
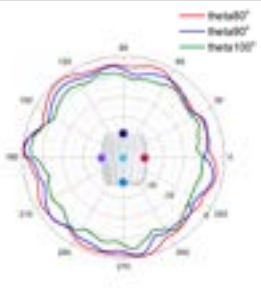
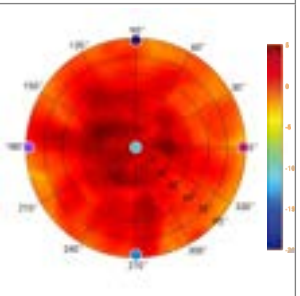
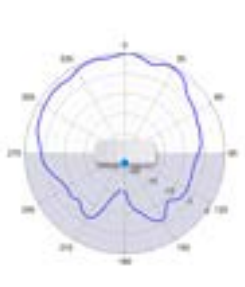
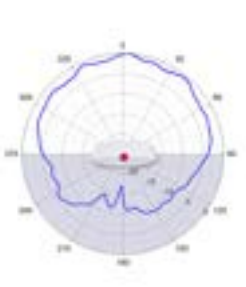
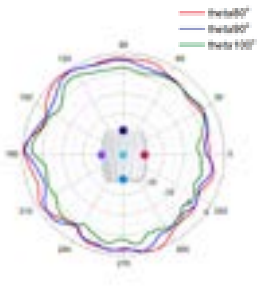
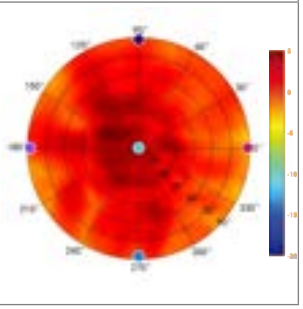
Plafonnier

EAP620 HD				
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz				
5.25 GHz				
5.5 GHz				
5.75 GHz				

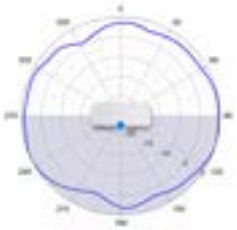
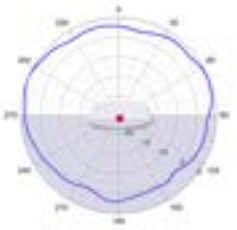
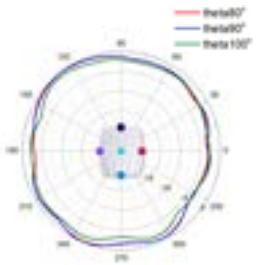
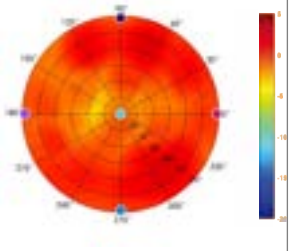
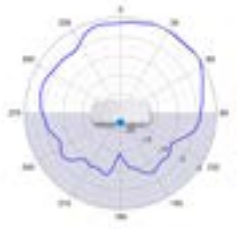
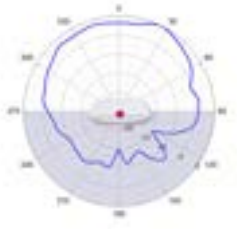
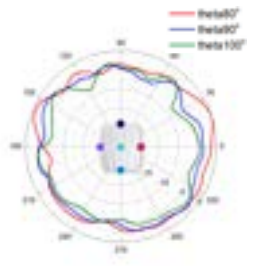
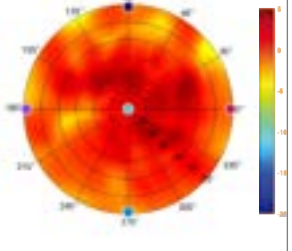
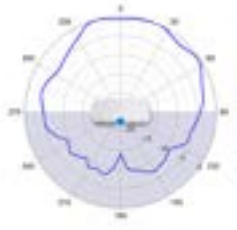
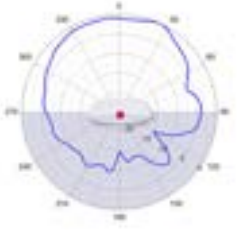
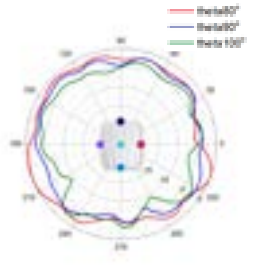
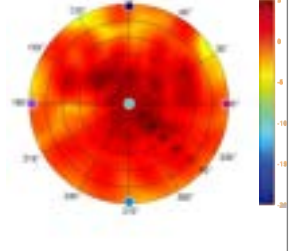
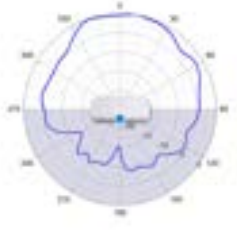
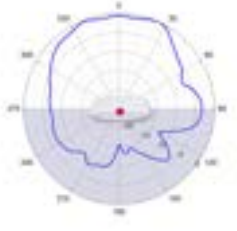
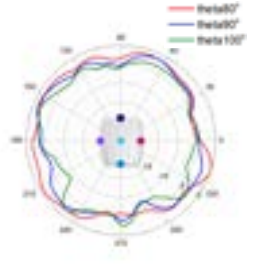
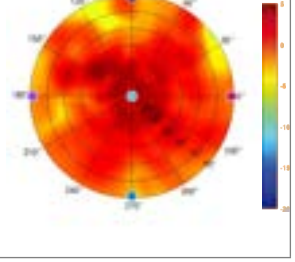
Plafonnier

EAP265 HD				
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz				
5.25 GHz				
5.5 GHz				
5.75 GHz				

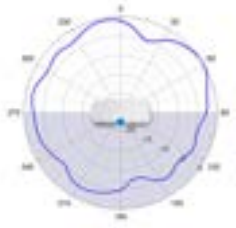
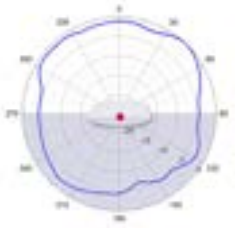
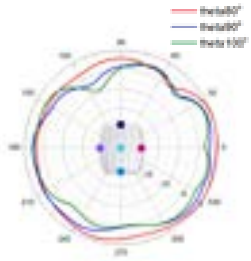
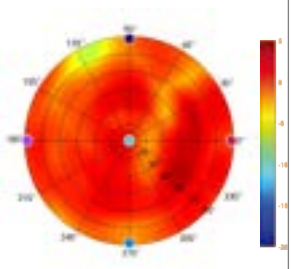
Plafonnier

EAP245				
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz				
5.25 GHz				
5.5 GHz				
5.75 GHz				

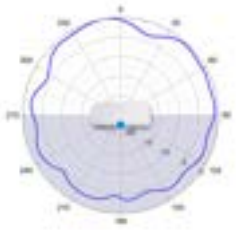
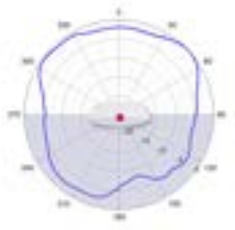
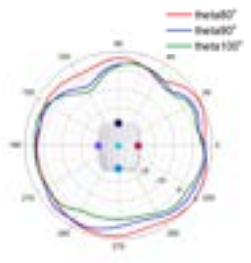
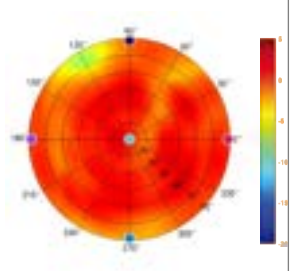
Plafonnier

EAP225				
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz				
5.25 GHz				
5.5 GHz				
5.75 GHz				

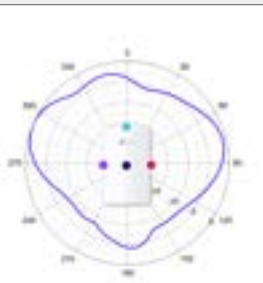
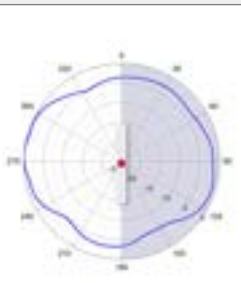
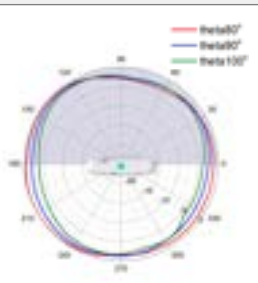
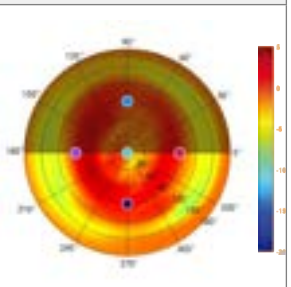
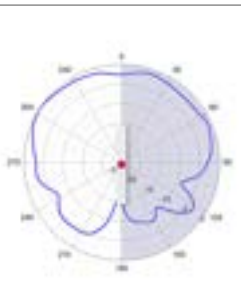
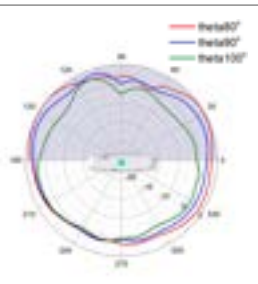
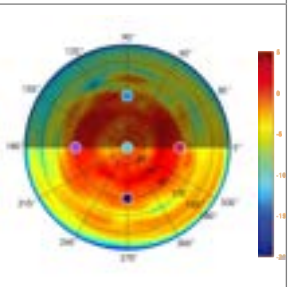
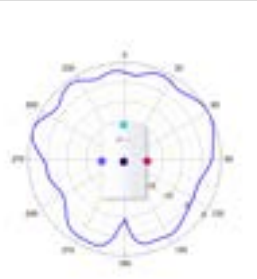
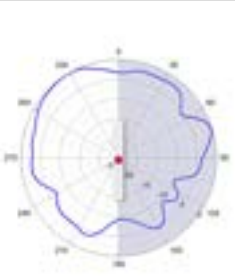
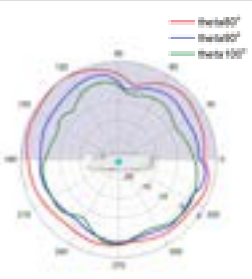
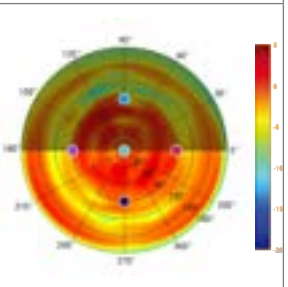
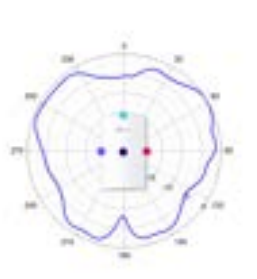
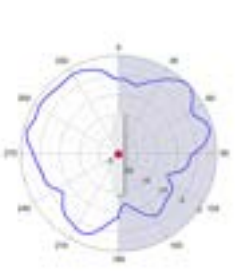
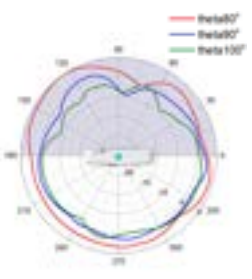
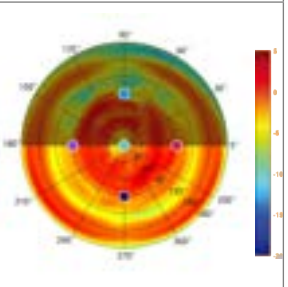
Plafonnier

EAP115				
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz				

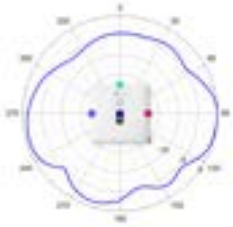
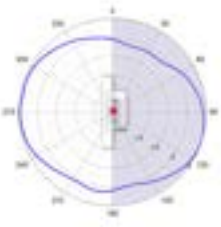
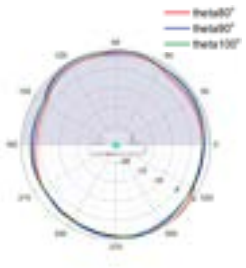
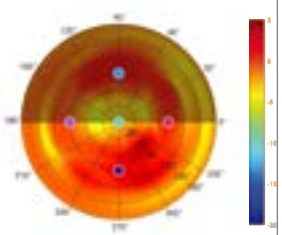
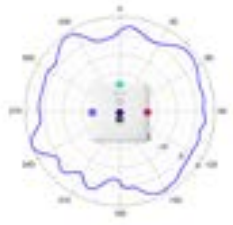
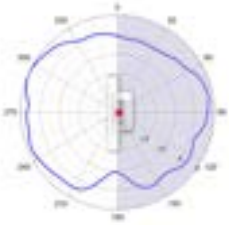
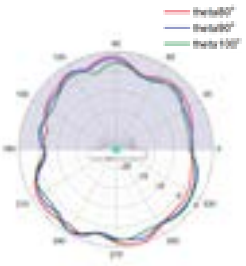
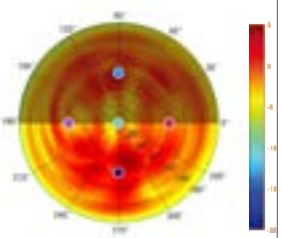
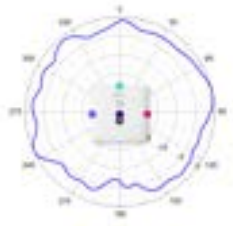
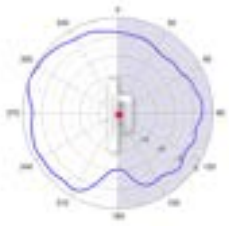
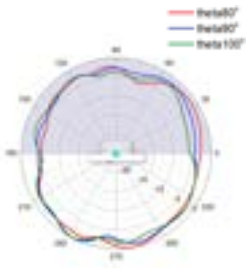
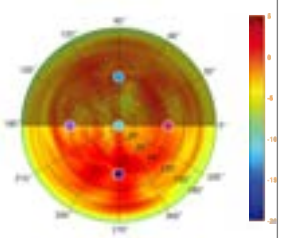
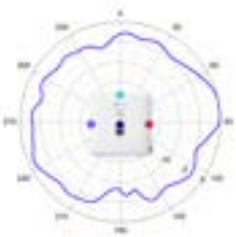
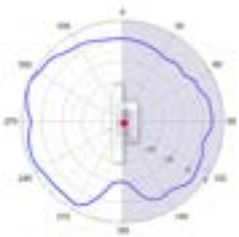
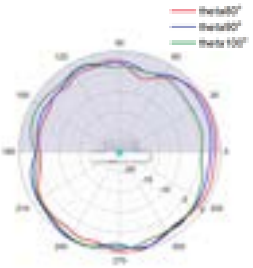
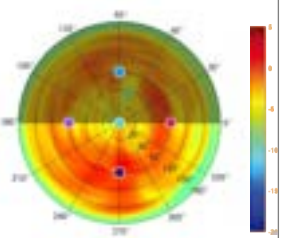
Plafonnier

EAP110				
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz				

Mural

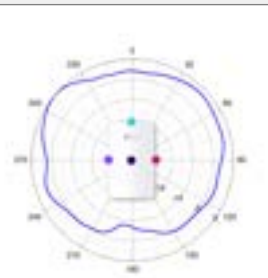
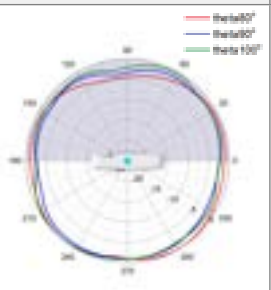
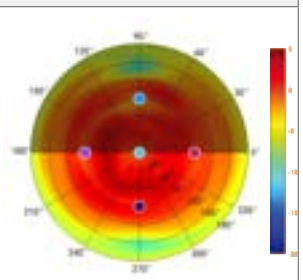
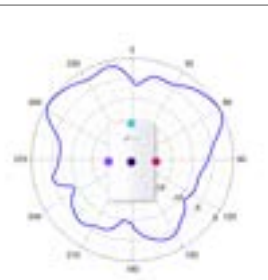
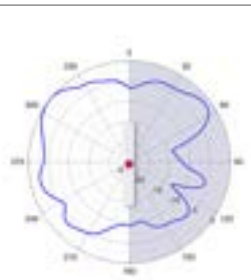
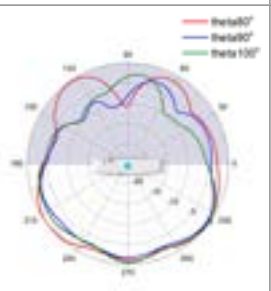
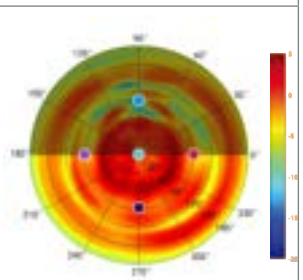
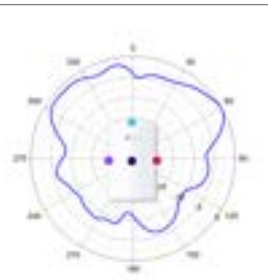
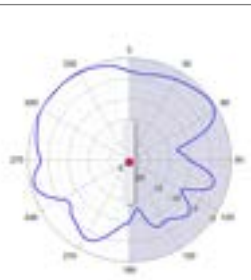
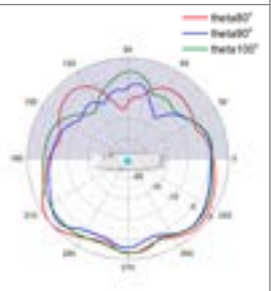
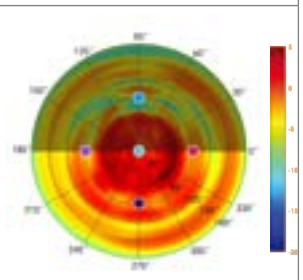
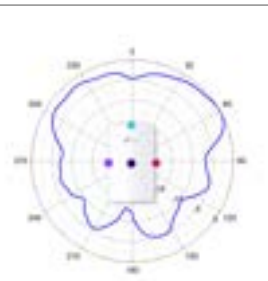
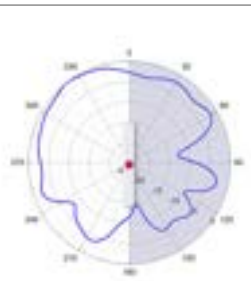
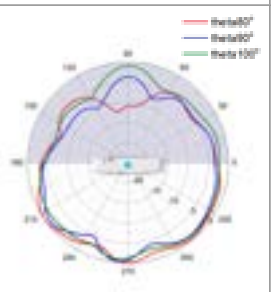
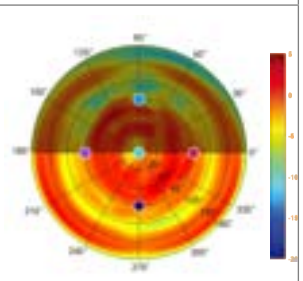
EAP235-wall				
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz				
5.25 GHz				
5.5 GHz				
5.75 GHz				

Mural

EAP230-wall				
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz				
5.25 GHz				
5.5 GHz				
5.75 GHz				

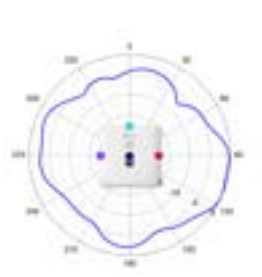
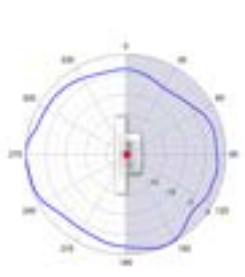
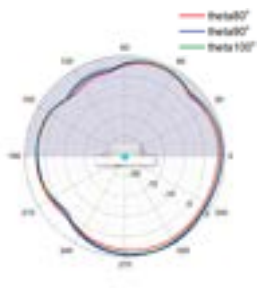
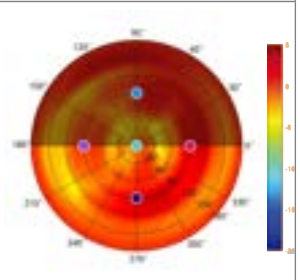
Mural

EAP225-wall

	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz				
5.25 GHz				
5.5 GHz				
5.75 GHz				

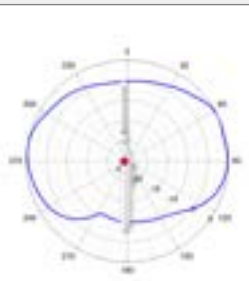
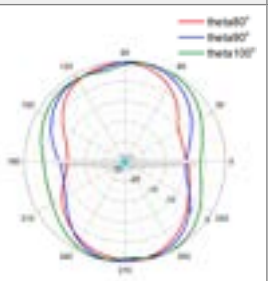
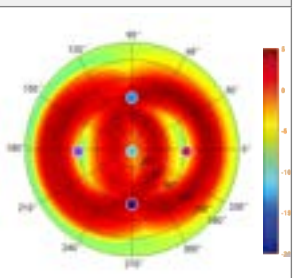
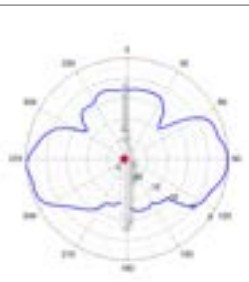
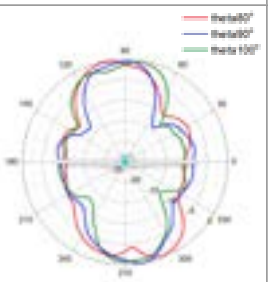
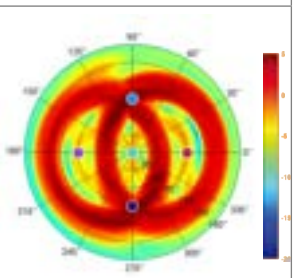
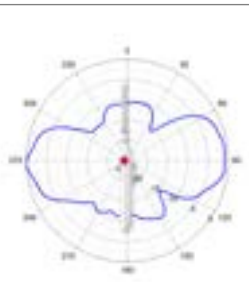
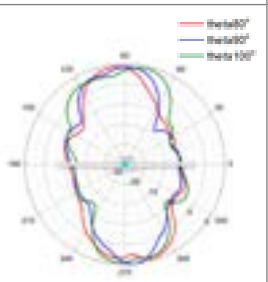
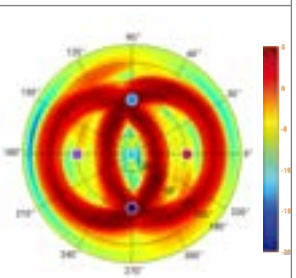
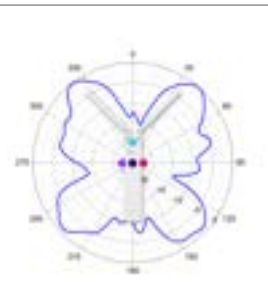
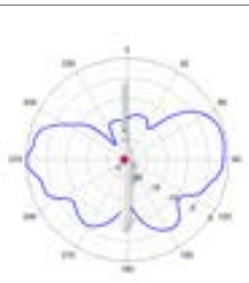
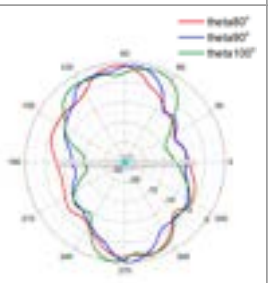
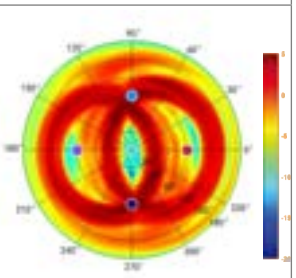
Mural

EAP115-wall

	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz				

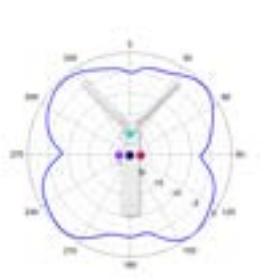
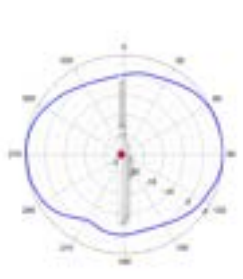
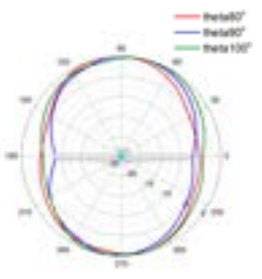
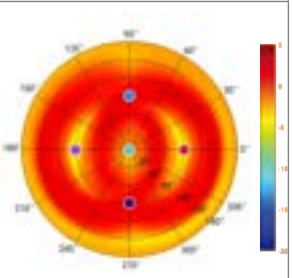
Outdoor

EAP225-outdoor

	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz				
5.25 GHz				
5.5 GHz				
5.75 GHz				

Outdoor

EAP110-outdoor

	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz				

Avis de non-responsabilité

Avis de non-responsabilité concernant la vitesse, la portée et les appareils simultanés sans fil

Les débits de transmission sans fil maximum sont les débits physiques dérivés des spécifications de la norme IEEE 802.11.

Les spécifications de portée et de couverture ainsi que le nombre d'appareils connectés ont été définis en fonction des résultats des tests dans des conditions d'utilisation normales.

Le taux de transmission sans fil réel, la couverture sans fil et les appareils simultanés ne sont pas garantis et varieront en fonction 1) de facteurs environnementaux, y compris le bâtiment les matériaux, les objets physiques et les obstacles, 2) les conditions du réseau, y compris les interférences locales, le volume et la densité du trafic, l'emplacement du produit, la complexité du réseau et la surcharge du réseau et 3) les limitations du client, y compris les performances nominales, l'emplacement, la qualité de la connexion et l'état du client.

Clause de non-responsabilité MU-MIMO
(pour EAP265 HD / EAP245 / EAP225 / EAP225-Outdoor / EAP235-Wall / EAP230-Wall / EAP225-Wall)
La capacité MU-MIMO nécessite des périphériques clients qui prennent également en charge MU-MIMO.

Clause de non-responsabilité en matière d'itinérance transparente
(pour EAP265 HD / EAP245 / EAP225 / EAP225-Outdoor)
L'itinérance transparente nécessite à la fois le point d'accès et les périphériques clients pour prendre en charge les protocoles 802.11k et 802.11v.

Clause de non-responsabilité relative à la protection contre la foudre et les décharges électrostatiques
(pour EAP225-Outdoor / EAP110-Outdoor)

La protection contre la foudre et les décharges électrostatiques peut être obtenue grâce à une configuration du produit, une mise à la terre et un blindage de câble appropriés. Reportez-vous au manuel d'instructions et consultez un professionnel de l'informatique pour vous aider à configurer ce produit.

Clause de non-responsabilité PoE

Les calculs du budget PoE sont basés sur des tests en laboratoire. Le budget d'alimentation PoE réel n'est pas garanti et variera en fonction des limites du client et des facteurs environnementaux.

Certains modèles présentés dans ce guide peuvent ne pas être disponibles dans votre pays ou région. Visitez le site Web de TP-Link pour obtenir des informations sur les ventes locales: www.tp-link.com. Les spécifications sont sujettes à changement sans préavis.