



Meraki

MR42E



## English

Read the installation instructions before using, installing or connecting the system to the power source. Only trained and qualified personnel should be allowed to install, replace, or service this equipment. Ultimate disposal of this product should be handled according to all national laws and regulations. No user-serviceable parts inside. To avoid risk of electric shock, do not open. Installation of the equipment must comply with local and national electrical codes.

## Български (Bulgarian)

прочетете инструкциите за инсталация преди използването, инсталирането или свързването на системата към електрозахранването. Разрешено е само на обучен и квалифициран персонал да инсталира, заменя или да обслужва това оборудване. Извърлянето на този продукт трябва да се направи като се следват всички национални закони и разпоредби. Не съдържа части, които могат да се обслужват от потребителите. За да избегнете риска от електрически удар, не отваряйте. Инсталирането на оборудването трябва да съответства на местните и националните електрически изисквания.

## Česky (Czech)

Před použitím, instalací nebo připojením systému ke zdroji napájení si přečtěte pokyny k instalaci. Instalaci, výměnu nebo opravu tohoto zařízení směřj provádět pouze proškolené a kvalifikované osoby. Likvidace tohoto výrobku musí být provedena podle platných zákonů a předpisů. Uvnitř zařízení se nenacházejí žádné díly, na kterých by mohl provádět údržbu uživatel. Aby se předešlo riziku úrazu elektrickým proudem, zařízení neotvírejte. Instalace zařízení musí splňovat příslušné místní a státní elektrotechnické normy.

## Dansk (Danish)

Læs installationsvejledningen inden brug, installation eller inden systemet slttes til stromkilden. Kun uddannede personer må installere, udskifte komponenter i eller servicere dette udstyr. Endelig bortskaffelse af dette produkt skal ske i henhold til gældende love og regler. Ingen brugerservicebare dele indeni. Må ikke åbnes for at undgå risikoen for elektrisk stød. Installation af udstyret skal overholde lokale og nationale elektriske forskrifter.

## Deutsch (German)

Lesen Sie die Installationshinweise, bevor Sie das System nutzen, installieren oder an die Stromversorgung anschließen. Das Installieren, Ersetzen oder Bedienen dieser Ausrüstung sollte nur geschultem, qualifiziertem Personal gestattet werden. Die Entsorgung dieses Produkts sollte gemäß allen Bestimmungen und Gesetzen des Landes erfolgen. Im Gerät befinden sich keine vom Benutzer zu wartenden Teile. Um Stromschlaggefahr zu vermeiden,

öffnen Sie das Gerät nicht. Die Installation der Geräte muss den Sicherheitsstandards entsprechen.

## Eesti (Estonian)

Enne seadme kasutamist, paigaldamist või elektrivõrku ühendamist lugege paigaldusjuhiseid. Antud seadet tohib paigaldada, asendada ja hooldada vaid koolitatud ja kvalifitseeritud personal. Antud toote lõplik kõrvaldamine tuleb läbi viia kõigi riiklike õigusaktide ja määruste alusel. Seadmel puuduvad kasutaja poolt hooldatavad osad. Elektrilöögi ohu vältimiseks seadet mitte avada. Seadme paigaldus peab vastama kohalikele ja riiklikele elektriskekirjadele.

## Español (Spanish)

Lea las instrucciones de instalación antes de usar, instalar o conectar el sistema a la fuente de alimentación. Solamente el personal calificado debe instalar, reemplazar o utilizar este equipo. Al deshacerse por completo de este producto debe seguir todas las leyes y reglamentos nacionales. El interior no contiene ninguna pieza que el usuario pueda reparar/mantener. Para evitar el riesgo de sufrir descargas eléctricas, no lo abra. La instalación del equipo debe cumplir con las normativas de electricidad locales y nacionales.

## Français (French)

lisez les instructions d'installation avant d'utiliser, d'installer ou de connecter le système à la source d'alimentation. Il est vivement recommandé de confier l'installation, le remplacement et la maintenance de ces équipements à des personnels qualifiés et expérimentés. La mise au rebut ou le recyclage de ce produit sont généralement soumis à des lois et/ou directives de respect de l'environnement. Renseignez-vous auprès de l'organisme compétent. Pas de parties utilisables par l'utilisateur à l'intérieur. Afin d'éviter tout risque de choc électrique, ne pas ouvrir. L'équipement doit être installé conformément aux normes électriques nationales et locales.

## Gaélico (Gaelic)

Leugh an treòrachadh airson stàladh mus cleachd thu, mus stàlaich thu, no mus ceangail thu an siostam ris a' chumhachd. Cha bu chòir ach daoine aig a bheil trèanadh is teisteanas a bhith a' stàladh, ag ath-sholar no a' seirbheiseadh an uidheim seo. Bu chòir fhaighinn cuidhteas seo aig a' cheann thall a rèir gach lagh is riaghailt nàiseanta. Cha ghabh gin de na pàirtean am broinn seo a sheirbheiseadh leis an neach-cleachdaidh. Cunnart bho dhealan, na fosgail. Feumaidh stàladh an uidheim a bhith a rèir riaghailtean ionadail is nàiseanta a thaobh dealain.

## **Ελληνική (Greek)**

Πριν από τη χρήση, την εγκατάσταση ή τη σύνδεση του συστήματος στην παροχή ρεύματος, διαβάστε τις οδηγίες εγκατάστασης. Η τοποθέτηση, η αντικατάσταση και η συντήρηση του εξοπλισμού επιτρέπεται να γίνονται μόνο από καταρτισμένο π με τα κατάλληλα προσόντα. Η τελική απόρριψη αυτού του προϊόντος πρέπει να γίνεται σύμφωνα με όλους τους εθνικούς νόμους και κανονισμούς. Στο εσωτερικό της συσκευής, δεν περιλαμβάνονται εξαρτήματα που μπορούν να συντηρηθούν από το χρήστη. Μην ανοίγετε τη συσκευή. Η εγκατάσταση του εξοπλισμού πρέπει να συμμορφώνεται με τους τοπικούς και εθνικούς κώδικες ηλεκτρολογικών εγκαταστάσεων.

## **Hrvatski (Croatian)**

Prije upotrebe, ugradnje i priključivanja sustava na izvor napajanja pročitate upute za instaliranje. Uređaj smije ugrađivati, mijenjati i servisirati samo za to obučeno i osposobljeno servisno osoblje. Zbrinjavanje ovoga proizvoda u otpad treba provesti u skladu s važećim zakonima i odredbama. Unutra nema dijelova koje može servisirati korisnik. Ne otvarajte kako bi izbjegli opasnost električnog udara. Instalacija opreme mora biti sukladna lokalnim i nacionalnim normama izvedbe električnih instalacija.

## **Italiano (Italian)**

leggere le istruzioni per l'installazione prima di usare, installare o collegare il sistema all'alimentazione. Questo apparato può essere installato, sostituito o mantenuto unicamente da un personale competente. Lo smaltimento di questo prodotto deve essere eseguito secondo le leggi e regolazioni locali. Il sistema non contiene componenti che possono essere sostituiti o riparati dall'utente. Per evitare il rischio di scosse elettriche, non aprire. L'installazione dell'impianto deve essere conforme ai codici elettrici locali e nazionali.

## **Latviski (Latvia)**

Pirms sistēmas izmantošanas, uzstādīšanas vai pievienošanas strāvas avotam izlasiet uzstādīšanas instrukcijas. Tikai apmācītiem un kvalificētiem darbiniekiem ir atļauts uzstādīt, nomainīt vai veikt šī aprīkojuma apkopi. Šī produkta pilnīgu likvidēšanu jāveic atbilstoši visiem valsts tiesību aktiem. Iekšpusē nav detaļu, kuru apkopi var veikt lietotājs. Lai izvairītos no elektriskās strāvas trieciena riska, neatveriet. Aprīkojuma uzstādīšanu jāveic, ievērojot vietējos un valsts elektrotehniskos normatīvus.

## **Lietuvių (Lithuanian)**

Perskaitykite įdiegimo nurodymus prieš naudodami, įdiegdami arba prijungdami sistemą prieš maitinimo šaltinį. Įdiegti, pakeisti arba aptarnauti šią įrangą leidžiama tik apmokytiems ir kvalifikuotiems darbuotojams. Galutinis šio gaminio utilizavimas turėtų būti atliktas pagal visus nacionalinius įstatymus ir taisykles. Nėra vartotojo aptarnaujamo dalių viduje.

Neatidarykite, kad išvengtumėte elektros smūgio pavojaus. Šios įrangos įdiegimas privalo atitikti visus vietas ir nacionalinius elektros kodeksus.

## **Magyar (Hungarian)**

Olvassa el a telepítési útmutatót, mielőtt használná, telepítené vagy csatlakoztatná a rendszert az áramforráshoz. A berendezést csak szakképzett személyek helyezhetik üzembe, cserélhetik és tarthatják karban. A készülék végső elhelyezéséről az adott országban érvényes törvények és előírások szerint kell intézkedni. nem tartalmaz a felhasználó által javítható alkatrészeket. Az áramütés elkerülése érdekében ne nyissa ki. A berendezés üzembe helyezését a helyi és a nemzeti elektromossági előírások figyelembevételével kell elvégezni.

## **Malti (Maltese)**

Aqra l-istruzzjonijiet għall-installazzjoni qabel tuża, tinstalla jew tikkonnettja s-sistema mas-sors tad-dawl. Huwa biss persunal imharġe u kwalifikat li għandu jithalla jinstalla, ibiddel, jew jisservisja dan it-tagħmir. Dan il-prodott għandu jinfetx skont ma jitolbu l-lijijiet u r-regolamenti kollha nazzjonali. Ma hemm l-ebda partijiet fuq ǧewwa li jistgħu jiġi servisjati mill-utent. Tiftaħ sabiex tevita r-riskju ta' xokk elettriku. L-installazzjoni tat-tagħmir għandha tikkonforma mal-kodiċi dwar l-elettriku lokali u nazzjonali.

## **Nederlands (Dutch)**

lees de installatie-instructies voordat u het systeem gebruikt, installeert of aansluit op een stroombron. Deze apparatuur mag alleen worden geïnstalleerd, vervangen of hersteld door bevoegd geschoold personeel. Het uiteindelijk wegruimen van dit product dient te geschieden in overeenstemming met alle nationale wetten en reglementen. Dit product bevat geen onderdelen waarop de gebruiker onderhoud kan uitvoeren. Niet openen, om het risico op elektrische schokken te voorkomen. Bij installatie van de apparatuur moet worden voldaan aan de lokale en nationale letriciteitsvoorschriften.

## **Polski (Polish)**

Przed eksploatacją, montażem lub podłączeniem systemu do zasilania przeczytaj instrukcję montażu. Do instalacji, wymiany i serwisowania tych urządzeń mogą być dopuszczone wyłącznie osoby wykwalifikowane i przeszkolone. Ostateczna likwidacja tego urządzenia po jego wycofaniu z eksploatacji powinna odbywać się zgodnie z przepisami krajowymi. Urządzenie nie ma części przeznaczonych do wymiany przez użytkownika. Aby uniknąć porażenia prądem, nie należy otwierać urządzenia. Instalacja sprzętu musi być zgodna z lokalnymi i krajowymi normami elektrycznymi.

### Português (Portuguese)

Leia as instruções de instalação antes da utilização, instalação ou ligação do sistema à fonte de energia. Apenas pessoal treinado e qualificado deve ser autorizado a instalar, substituir ou fazer a revisão deste equipamento. Deitar fora este produto em conformidade com todas as leis e regulamentos nacionais. Não existem peças no interior que possam ser reparadas pelo usuário. Há riscos de choque. Não abra. A instalação do equipamento tem de estar em conformidade com os códigos eléctricos locais e nacionais.

### Romanian (Romanian)

Citiți instrucțiunile de montare înainte de a utiliza, instala sau conecta sistemul la sursa de alimentare. Instalarea, înlocuirea sau lucrările de service pentru acest echipament trebuie efectuate numai de personal instruit și calificat. Acest produs trebuie reciclat în conformitate cu toate legile și reglementările naționale. Nu conține piese ce pot fi reparate de către utilizator. Pentru a evita riscul de electrocutare, nu deschideți. Instalarea echipamentului trebuie să respecte codurile electrice locale și naționale.

### Slovensko (Slovenian)

pred uporabo, namestitvijo ali priključitvijo sistema na vir energije, preberite navodila za namestitev. Opremo lahko priključite, zamenjate ali popravite le za to usposobljeno osebo. Uničenje izdelka, ki ni več uporaben, mora potekati po državnih zakonih in predpisih. Znotraj ni delov, ki bi jih lahko servisirali uporabniki. Da bi preprečili električni šok, ne odpirajte. Priključitev opreme mora potekati v skladu z lokalnimi in državnimi predpisi o električni opremi.

### Slovensky (Slovak)

pred použitím, inštaláciou alebo pripojením systému ku zdroju elektrickej energie si prečítajte pokyny na inštaláciu. Inštaláciu, výmenu alebo opravu tohto zariadenia smú vykonávať iba vyškolené a kvalifikované osoby. Upozornenie Likvidácia tohto výrobku musí byť vykonaná podľa platných zákonov a predpisov. vo vnútri sa nenachádzajú žiadne diely, ktorých údržbu či opravu by mohol vykonať používateľ. Zariadenie neotvárajte. Zabráňte tým riziku zasiahnutia elektrickým prúdom. Inštalácia zariadenia sa musí vykonať v súlade s miestnymi a národnými predpismi pre inštaláciu elektrických zariadení.

### Suomi (Finnish)

Lue asennusohjeet ennen käyttämistä, asentamista tai järjestelmän liittämistä virtalähteeseen. Tämän laitteen saa asentaa, vaihtaa tai huoltaa ainoastaan koulutettu ja laitteen tunteva henkilökunta. Tämä tuote on hävitettävä kansallisten lakien ja määräysten mukaisesti. Sisällä ei ole käyttäjän huollettavissa olevia osia. Vältäaksesi sähköiskuvaaran, älä avaa. Asennustyöt tulee noudattaa paikallisia sähköturvallisuusmääräysten.

### Svenska (Swedish)

Läs monteringsinstruktionerna innan du använder, installerar eller ansluter systemet till en strömkälla. Endast utbildad och kvalificerad personal bör få tillåtelse att installera, byta ut eller reparera denna utrustning. Vid deponering hanteras produkten enligt gällande lagar och bestämmelser. Innehåller inga delar som användaren kan utföra service på. Låt bli att öppna för att undvika stötar. Installation av utrustningen måste ske i enlighet med gällande elinstallationsföreskrifter.

### Europe – EU Declaration of Conformity

#### Scope

The information in this document is applicable to the Cisco Meraki MR42E-HW wireless LAN product. This product is intended to be placed on the market within the European Union, Lichtenstein, Switzerland, Iceland, Norway, Turkey and other countries that have implemented the EU Directive 2014/53/EU.


The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the EU Directive 2014/53/EU:

Radio:	EN 300 328, EN 301 893
EMC:	EN 301 489-1, EN 301 489-17
Safety:	EN 60950-1
RF Exposure:	EN 50385
Emissions:	EN 55032, EN 55024, EN 61000-3-2, EN 61000-3-3
Immunity:	EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-11

#### Simplified EU Declaration of Conformity

This declaration is only valid for configurations (combinations of software, firmware and hardware) provided and/or supported by Cisco Systems for use within the EU or countries that have implemented the EU Directives and/or spectrum regulation. The use of software or firmware not supported/provided by Cisco Systems may result in equipment no longer compliant with the regulatory requirements.

The full declaration of conformity for this product can be found at [meraki.cisco.com/compliance](http://meraki.cisco.com/compliance)

					
AT	BE	BG	CZ	DK	
EE	FR	DE	IS	IE	
IT	EL	ES	CY	LV	
LI	LT	LU	HU	MT	
NL	NO	PL	PT	RO	
SI	SK	TR	FI	SE	
CH	UK	HR			

**English:** Hereby, Cisco Systems, Inc. declares that this wireless device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EC.

**Български (Bulgarian):** Настоящото Cisco Systems, Inc. декларира, че това безжичното устройство е в съответствие със съществените изисквания и другите приложими разпоредби на Директива 2014/53/EC.

**Dansk (Danish):** Undertegnede Cisco Systems, Inc. erklærer herved, at følgende udstyr wireless device overholder de væsentlige krav og øvrige relevante krav i direktiv 2014/53/EU.

**Deutsch (German):** Hiermit erklärt Cisco Systems, Inc. dass sich das Gerät wireless device in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 2014/53/EU befindet.

**Eesti (Estonian):** Käesolevaga kinnitab Cisco Systems, Inc. seadme wireless device vastavust direktiivi 2014/53/EL põhinõuetele ja nimetatud direktiivist tulenevatele.

**Español (Spanish):** Por medio de la presente Cisco Systems, Inc. declara que el wireless device cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 2014/53/UE.

**Ελληνική (Greek):** ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Cisco Systems, Inc. ΔΗΛΩΝΕΙ ΟΤΙ wireless device ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2014/53/ΕΕ.

**Français (French):** Par la présente Cisco Systems, Inc. déclare que l'appareil wireless device est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 2014/53/UE.

**Hrvatski (Croatian):** Ovime Cisco Systems, Inc. izjavljuje da je ovaj bežični uređaj u skladu s osnovnim zahtjevima i drugim relevantnim odredbama Direktive 2014/53 / EC.

**Ícelandic (Icelandic):** Hér, Cisco Systems, Inc. yfir að þráðlaus tæki er í samræmi við grunnkröfur og önnur viðeigandi ákvæði tilskipunar 2014/53/EU.

**Italiano (Italian):** Con la presente Cisco Systems, Inc. dichiara che questo wireless device è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 2014/53/UE

**Latviski (Latvian):** Ar šo Cisco Systems, Inc. deklarē, ka wireless device atbilst Direktīvas 2014/53/ES būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.

**Lietuvių (Lithuanian):** Šiuo Cisco Systems, Inc. deklaruoja, kad šis wireless device atitinka esminius reikalavimus ir kitas 2014/53/ES Direktyvos nuostatas.

**Magyar (Hungarian):** Alulírott, Cisco Systems, Inc. nyilatkozom, hogy a wireless device megfelel a vonatkozó alapvető követelményeknek és az 2014/53/EU irányelv egyéb előírásainak.

**Malti (Maltese):** Hawnhekk, Cisco Systems, Inc. jiddikjara li dan wireless device jikkonforma mal-htigijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fi d-Direttiva 2014/53/UE.

**Nederland (Dutch):** Hierbij verklaart Cisco Systems, Inc. dat het toestel wireless device in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2014/53/EU.

**Norsk (Norwegian):** Erklærer herved Cisco Systems, Inc. at denne trådløse enheten er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 2014/53/EU.

**Polski (Polish):** Niniejszym Cisco Systems, Inc. deklaruje że to urządzenie bezprzewodowe jest zgodne z zasadniczymi wymaganiami oraz pozostałymi stosowanymi postanowieniami Dyrektywy 2014/53/UE.

**Português (Portuguese):** Cisco Systems, Inc. declara que este wireless device está conforme com os requisitos essenciais e outras disposições da Directiva 2014/53/UE.

**Română (Romanian):** Prin prezenta, Cisco Systems, Inc. declară că acest dispozitiv fără fir este în conformitate cu cerințele esențiale și alte prevederi relevante ale Directivei 2014/53/UE.

**Slovensko (Slovenian):** Cisco Systems, Inc. izjavlja, da je ta wireless device v skladu z bistvenimi zahtevami in ostalimi relevantnimi dolocili direktive 2014/53/EU.

**Slovensky (Slovak):** Cisco Systems, Inc. týmto vyhlasuje, že wireless device spĺna základné požiadavky a všetky príslušné ustanovenia Smernice 2014/53/EÚ.

**Suomi (Finnish):** Cisco Systems, Inc. vakuuttaa täten että wireless device tyyppinen laite on

direktiivin 2014/53/EU oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

**Svenska (Swedish):** Härmed intygar Cisco Systems, Inc. att denna wireless device står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår direktiv 2014/53/EU.

**Türk (Turkish):** İşbu belge ile, Cisco Systems, Inc., bu kablosuz aygıtın, 2014/53 / EC sayılı Direktifin esas şartlarına ve diğer ilgili hükümlerine uygun olduğunu beyan eder.

#### National Restrictions or Requirements for Authorization of Use

This device is a 2.4 GHz and 5 GHz wideband transmission system (transceiver), intended for use in all EU member states and EFTA countries with the following restrictions:

##### Denmark

The band 5150 - 5350 MHz is also allowed for outdoor usage.

I Danmark må frekvensbåndet 5150 -5350 også anvendes udendørs.

##### Italy

This product meets the National Radio Interface and the requirements specified in the National Frequency allocation Table for Italy. Unless this wireless LAN product is operating within the boundaries of the owner's property, it uses requires a "general authorization". Please check <http://www.comunicazioni.it/it/> for more details.

Questo prodotto è conforme alla specifiche di Interfaccia Radio Nazionali e rispetta il Piano Nazionale di ripartizione delle frequenze in Italia. Se non viene installato all'interno del proprio fondo, l'utilizzo di prodotti Wireless LAN richiede una "Autorizzazione Generale". Consultare <http://www.comunicazioni.it/it/> per maggiori dettagli.

##### Latvia

The outdoor usage of the 2.4 GHz band requires an authorization from the Electronic Communications Office. Please check <http://www.esd.lv> for more details.

2.4 GHz frekvenču joslas izmantošanai ārpus telpām nepieciešama atļauja no Elektronisko sakaru direkcijas. Vairāk informācijas: <http://www.esd.lv>.

#### Antennas

This device is equipped with antenna connectors to allow the use of dedicated external

antennas available from Cisco. Below are the allowable antennas. All antennas were assessed together with the equipment against the requirements of the EU Directive 2014/53/EU. It is the responsibility of the end user to select a power level that, together with the antennas, results in a radiated power level that is below the applicable limit.

- MA-ANT-3-A
- MA-ANT-3-B
- MA-ANT-3-C
- MA-ANT-3-D
- MA-ANT-3-E
- MA-ANT-3-F

#### Operating Frequency & Maximum Output Power

Frequency Band (MHz)	Max Power Level (EIRP) (mW)	Indoor ONLY	Indoor and Outdoor
2400 - 2483.5	100		X
5150 - 5350	200	X	
5470 - 5725	1000		X

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

#### EU Radiation Exposure Statement

This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

#### CE Statement

This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

#### All Operational Modes

2.4GHz: 802.11b, 802.11g, 802.11n (HT20), 802.11n (HT40), 802.11ac (VHT20), 802.11ac (VHT40), Bluetooth(LE)

5GHz: 802.11a, 802.11n (HT20), 802.11n (HT40), 802.11ac (VHT20), 802.11ac (VHT40), 802.11ac (VHT80)

The frequency and the maximum transmitted power in the EU are listed below:

2412-2472MHz: 19.99 dBm

2402-2480 MHz (LE): 9.99 dBm

5180-5240 MHz: 22.99dBm

5260-5320 MHz: 22.99dBm

5500-5700 MHz: 22.99dBm

Ant.	Brand	Model Name	Ant. Type	Output Power					
				2.4 GHz	Blue tooth	5GHz Band 1	5GHz Band 2	5GHz Band 3	5GHz Band 4
1	Cisco	MA-ANT-3-A	Dipole	19.99	9.78	22.92	22.96	29.97	N/A
2	Cisco	MA-ANT-3-B	Dipole	19.99	9.78	22.92	22.96	29.97	N/A
3	Cisco	MA-ANT-3-F	Patch	19.98	9.99	22.99	22.96	29.98	N/A
4	Cisco	MA-ANT-3-E	Patch	19.99	9.89	22.99	22.98	29.98	N/A
5	Cisco	MA-ANT-3-C	Omni	19.98	9.98	22.91	22.98	29.91	N/A
6	Cisco	MA-ANT-3-D	Omni	19.99	8.94	22.90	22.88	29.84	N/A

#### FCC Compliance Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device is restricted for indoor use.

#### FCC Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital

device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

#### FCC Caution

Any changes or modifications not expressly approved by Cisco Systems, Inc. could void the user's authority to operate this equipment. This Transmitter must not be co-located or operation in conjunction with any other antenna or transmitter.

#### FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 27 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

IEEE 802.11b or 802.11g operation of this product in the USA is firmware-limited to channels 1 through 11.

#### Industry Canada Statement

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



For product available in the USA/Canada market, only channel 1-11 can be operated. Selection of other channels is not possible.

Pour les produits disponibles aux États-Unis / Canada du marché, seul le canal 1 à 11 peuvent être exploités. Sélection d'autres canaux n'est pas possible.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with IC multi-transmitter product procedures. Cet appareil et son antenne (s) ne doit pas être co-localisés ou fonctionner en association avec une autre antenne ou transmetteur.

Dynamic Frequency Selection (DFS) for devices operating in the bands 5250- 5350 MHz, 5470-5600 MHz and 5650-5725 MHz.

Sélection dynamique de fréquences (DFS) pour les dispositifs fonctionnant dans les bandes 5250-5350 MHz, 5470-5600 MHz et 5650-5725 MHz.

The maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit.

Le gain maximal d'antenne permis pour les dispositifs utilisant les bandes 5250-5350 MHz et 5470-5725 MHz doit se conformer à la limite de p.i.r.e.

The maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate.

Le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5725-5850 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas.

Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5250-5350 MHz et 5650-5850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

For indoor use only.

Pour une utilisation en intérieur uniquement.

#### **Industry Canada Caution**

(i) the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;

(ii) high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

#### **Avertissement:**

(i) les dispositifs fonctionnant dans la bande 5 150-5 250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

(ii) De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5 250-5 350 MHz et 5 650-5 850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

#### **Industry Canada Radiation Exposure Statement**

IMPORTANT NOTE: IC Radiation Exposure Statement:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 33cm between the radiator & your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 33cm de distance entre la source de rayonnement et votre corps.

#### **Australia Radiation Exposure Statement**

This equipment complies with Australian radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 28 cm between the radiator and your body.

## VCCI Statement for Japan

Registered Class B ITE:

警告 この装置は、クラスB機器です。この装置は、住宅環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。取扱説明書に従って正しい取り扱いをして下さい。

VCCI-B

This is a Class B equipment. Although this equipment is intended for use in a residential environment, it could cause poor reception if used near a radio or a television receiver. Please follow instructions in the instruction manual.

5GHz band (W52, W53): Indoor use only

### Taiwan Wireless Statements

(1) 「經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能」。

(2) 「低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾」。

(3) 「電磁波曝露量MPE標準值1mW/cm<sup>2</sup>，本產品使用時建議應距離人體：27cm」。

(4) 無線資訊傳輸設備避免影響附近雷達系統之操作。  
「本器材須經專業工程人員安裝及設定，始得設置使用，且不得直接販售給一般消費者」。

Ant.	Brand	Model Name	Ant. Type	Output Power					
				2.4 GHz	Blue tooth	5GHz Band 1	5GHz Band 2	5GHz Band 3	5GHz Band 4
1	Cisco	MA-ANT-3-A	Dipole	25.91	5.52	25.54	21.06	21.35	25.67
2	Cisco	MA-ANT-3-B	Dipole	25.91	5.52	25.54	21.06	21.35	25.67
3	Cisco	MA-ANT-3-F	Patch	22.79	5.52	21.99	20.71	20.55	21.98
4	Cisco	MA-ANT-3-E	Patch	25.67	5.52	25.60	21.45	20.96	25.61
5	Cisco	MA-ANT-3-C	Omni	25.91	5.52	25.91	23.95	23.87	25.67
6	Cisco	MA-ANT-3-D	Omni	25.91	5.52	25.91	23.95	23.87	25.67

Statement CS-0438 – 台灣 RoHS

台灣RoHS “限用物質含有情況標示聲明書” 網址 [www.cisco.com/go/taiwanrohs](http://www.cisco.com/go/taiwanrohs)

Statement CS-0438 – Taiwan RoHS

Taiwan RoHS “Restricted Substances Content Disclosure Table” web address [www.cisco.com/go/taiwanrohs](http://www.cisco.com/go/taiwanrohs)

### Singapore IMDA Marking:

Complies with  
IMDA Standards  
DB101992

### Brazil Wireless Statement

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

This equipment operates on a secondary basis and consequently must accept harmful interference, including interference from stations of the same kind. This equipment may not cause harmful interference to systems operating on a primary basis.



