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## **EU Directives 1999/5/EC - Compliance Information for the Cisco Merion500 series Wireless LAN products.**

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**November, 2015**

This document contains compliance information for the Cisco Merion500 series wireless LAN products which are 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 1999/5/EC.

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## Scope

The information in this document is applicable to the Cisco Merion500 wireless LAN products that currently include the SKUs:

WAP571: WAP571-E-K9

The equipment operates in the following frequency ranges:

WAP571: 2400 MHz to 2483.5MHz, 5150MHz to 5350MHz, and 5470MHz to 5725MHz frequency range.

National regulations may require that operations be limited to portions of the frequency ranges identified above and/or

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at reduced power levels. See the “National Restrictions” section on page 4 for complete details.

Part Number: 78-100807-01

**Declaration of Conformity with Regard to the EU Directive**

**1999/5/EC (R&TTE Directive)**

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. The use of software or firmware not supported/provided by Cisco Systems may result that the equipment is no longer compliant with the regulatory requirements.

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| Български<br>[Bulgarian] | Това оборудване отговаря на съществените изисквания и приложими клаузи на Директива 1999/5/ЕС.                             |
| Česky<br>[Czech]:        | Toto zařízení je v souladu se základními požadavky a ostatními odpovídajícími ustanoveními Service 1999/5/EC.              |
| Dansk<br>[Danish]:       | Dette udstyr er i overensstemmelse med de væsentlige krav og andre relevante bestemmelser i Direktiv 1999/5/EF.            |
| Deutsch [German]:        | Dieses Gerät entspricht den grundlegenden Anforderungen und den weiteren entsprechenden Vorgaben der Richtlinie 1999/5/EU. |

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| Eesti<br>[Estonian]:    | See seade vastab direktiivi 1999/5/EÜ olulistele nõuetele ja teistele asjakohastele sätetele.                          |
| English:                | This equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.  |
| Español<br>[Spanish]:   | Este equipo cumple con los requisitos esenciales así como con otras disposiciones de la Directiva 1999/5/CE.           |
| Ελληνική<br>[Greek]:    | Αυτός ο εξοπλισμός είναι σε συμμόρφωση με τις ουσιώδεις απαιτήσεις και άλλες σχετικές διατάξεις της Οδηγίας 1999/5/ΕC. |
| Français<br>[French]:   | Cet appareil est conforme aux exigences essentielles et aux autres dispositions pertinentes de la Directive 1999/5/EC. |
| Hrvatski:<br>[Croatian] | Ova oprema je u skladnosti s bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.                     |

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|---------------------------|---|
| Íslenska<br>[Icelandic]:  | Þetta tæki er samkvæmt grunnkröfum og öðrum viðeigandi ákvæðum Tilskipunar 1999/5/EC.                               |
| Italiano<br>[Italian]:    | Questo apparato é conforme ai requisiti essenziali ed agli altri principi sanciti dalla Direttiva 1999/5/CE.        |
| Latviski<br>[Latvian]:    | Šī iekārta atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.               |
| Lietuvių<br>[Lithuanian]: | Šis įrenginys tenkina 1999/5/EB Direktyvos esminius reikalavimus ir kitas šios direktyvos nuostatas.                |
| Nederlands [Dutch]:       | Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van de Richtlijn 1999/5/EC. |
| Malti<br>[Maltese]:       | Dan l-apparat huwa konformi mal-ħtiġiet essenzjali u l-provedimenti l-oħra rilevanti tad-Direttiva 1999/5/EC.       |

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|----------------------------|---|
| Magyar<br>[Hungarian]:     | Ez a készülék teljesíti az alapvető követelményeket és más 1999/5/EK irányelvben meghatározott vonatkozó rendelkezéseket. |
| Norsk [Norwegian]:         | Dette utstyret er i samsvar med de grunnleggende krav og andre relevante bestemmelser i EU-direktiv 1999/5/EF.            |
| Polski<br>[Polish]:        | Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE: 1999/5/EC.            |
| Português<br>[Portuguese]: | Este equipamento está em conformidade com os requisitos essenciais e outras provisões relevantes da Directiva 1999/5/EC.  |
| Română<br>[Romanian]       | Acest echipament este în conformitate cu cerințele esențiale și cu alte prevederi relevante ale Directivei 1999/5/EC.     |
| Slovensko<br>[Slovenian]:  | Ta naprava je skladna z bistvenimi zahtevami in ostalimi relevantnimi pogoji Direktive 1999/5/EC.                         |

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| Slovensky<br>[Slovak]: | Toto zariadenie je v zhode so základnými požiadavkami a inými príslušnými nariadeniami direktív: 1999/5/EC.                            |
| Suomi<br>[Finnish]:    | Tämä laite täyttää direktiivin 1999/5/EY olennaiset vaatimukset ja on siinä asetettujen muiden laitetta koskevien määräysten mukainen. |
| Svenska<br>[Swedish]:  | Denna utrustning är i överensstämmelse med de väsentliga kraven och andra relevanta bestämmelser i Direktiv 1999/5/EC.                 |
| Türk<br>[Turkish]:     | Bu cihaz 1999/5/EC Direktifi'nin temel gereklerine ve ilgili diğer hükümlerine uygundur.   |

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**Note:** The full declaration of conformity for this product can be found See the [“Obtaining Documents from Cisco.com”](#) section on [page 6](#) for instructions for downloading these documents.

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The following standards were applied during the assessment of the product against the requirements of the Directive 1999/5/EC:

Radio: EN 300328 V1.9.1, EN 301893 V1.8.1

EMC: EN55022:2010/AC:2011Class B , EN55024:2010 , EN301 489-1 V1.9.2, EN301 489-17 V2.2.1

Safety: EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 +A2: 2013 EN 62311:2008 , EN 50385:2002

## **CE Marking**

For the Cisco WAP571: the following CE mark is affixed to the equipment and its packaging:



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## National Restrictions

In the EU and other European Countries, the 2.4 and 5 GHz bands are available for the use of wireless LANs.

This product is intended for indoor usage only.

**Note:** Products that can operate in the 5150 MHz to 5350 MHz frequency band are restricted to indoor use only!

The following sections identify countries having additional requirements or restrictions.

### Denmark

In Denmark, the band 5150 - 5350 MHz is also allowed for outdoor usage.

I Danmark må frekvensbåndet 5150 - 5350 også anvendes udendørs.

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## 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, its use requires a "general authorization". Please check <http://www.comunicazioni.it/it/> for more details.

Questo prodotto è conforme alle 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.

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## **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>.

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**Note:** Although Norway, Switzerland, Liechtenstein and Turkey are not EU member states, the EU Directive 1999/5/EC has also been implemented in those countries.

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## **Antennas**

The device has integrated antennas which cannot be replaced.

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Table 1 list the antennas that can be used by all WAP571. All antennas where assessed together with the equipment against the requirements of the R&TTE directive. The tables also list the maximum power setting for each of the antennas.

Depending on the country a different regulatory limit might be applicable. However, the WAP571 do not allow for customized control power levels.

**Table 1: Dedicated (external) Antennas and Maximum Allowed Conducted Power Settings**

WAP571

| Antenna P/N | Antenna Gain (dBi) | Maximum Power Setting (dBm) | Antenna Name |
|-------------|--------------------|-----------------------------|--------------|
| 290-30261   | 1.05               | 18.49                       | WAP571 2G-1  |
| 290-30262   | 1.11               |                             | WAP571 2G-2  |
| 290-30262   | 1.28               |                             | WAP571 2G-3  |

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| <b>Antenna P/N</b> | <b>Antenna Gain (dBi)</b> | <b>Maximum Power Setting (dBm)</b> | <b>Antenna Name</b> |
|--------------------|---------------------------|------------------------------------|---------------------|
| 290-30258          | 1.51                      | 27.48                              | WAP571 5G-1         |
| 290-30259          | 1.66                      |                                    | WAP571 5G-2         |
| 290-30260          | 1.99                      |                                    | WAP571 5G-3         |

## **Operating Frequency**

The operating frequency in a Wireless LAN is determined by the wireless router. As such, it is important that the wireless router is correctly configured to meet the local regulations.

## **Intended use of the equipment**

This product is solely to be used indoors.

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## Obtaining Documents from Cisco.com

Follow these steps to obtain any of the online documents mentioned in this document.

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Step 1 Browse to this URL on Cisco.com:

Step 2 <http://www.cisco.com/go/WAP571>

### Related Documentation

These documents provide information about the Merion500 series wireless products:

- Cisco WAP571

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**Note:** If you still have questions regarding the compliance of these products or you cannot find the information you are looking for, please send an email request to Cisco at [complianceinfo@cisco.com](mailto:complianceinfo@cisco.com).

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