



Declarations of Conformity and Regulatory Information

This appendix provides declarations of conformity and regulatory information for the Cisco Aironet Wireless LAN Client Adapters.

The following topics are covered in this appendix:

- [Manufacturer's Federal Communication Commission Declaration of Conformity Statement, page C-2](#)
- [Department of Communications – Canada, page C-3](#)
- [European Community, Switzerland, Norway, Iceland, and Liechtenstein, page C-4](#)
- [Declaration of Conformity for RF Exposure, page C-6](#)
- [Guidelines for Operating Cisco Aironet Wireless LAN Client Adapters in Japan, page C-6](#)
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Manufacturer's Federal Communication Commission Declaration of Conformity Statement



Models: AIR-PCM351, AIR-PCM352, AIR-LMC351, AIR-LMC352, AIR-PCI351, AIR-PCI352, AIR-PCM350-A-K9, AIR-PCM350-40-A-K9, AIR-LMC350-A-K9, AIR-LMC350-40-A-K9, AIR-PCI350-A-K9, AIR-PCI350-10-A-K9, AIR-MPI350-xx-A-K9 (where xx is the OEM code), AIR-CB20A-A-K9, AIR-CB20A-A-K9-4

FCC Certification Number: LDK102040 (AIR-xxx35x),
LDK102042 (AIR-MPI350),
LDK102044 (AIR-CB20A)

Manufacturer: Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA

This device complies with Part 15 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 equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential environment. This equipment generates, uses, and radiates radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference. However, there is no guarantee that interference will not occur. If this equipment does cause 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 separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician.



Caution

The Part 15 radio device operates on a non-interference basis with other devices operating at this frequency when using integrated antennas or those listed in [Table C-1](#). Any changes or modification to the product not expressly approved by Cisco could void the user's authority to operate this device.



Caution

Within the 5.15-to-5.25-GHz band, UNII devices are restricted to indoor operations to reduce any potential for harmful interference to co-channel Mobile Satellite Systems (MSS) operations.

Table C-1 2.4-GHz Antennas

Cisco Part Number	Model	Gain
AIR-ANT3338	Parabolic dish	21
AIR-ANT1949	Yagi	13.5
AIR-ANT4121	Omni-directional	12.0
AIR-ANT3549	Patch	8.5
AIR-ANT2012	Spatial diversity	6.5
AIR-ANT1729	Patch	6.0
AIR-ANT2506	Omni-directional	5.1
AIR-ANT3213	Omni-directional	5.0
AIR-ANT1728	Omni-directional	5.0
AIR-ANT3195	Patch	3.0
AIR-ANT4941	Dipole	2.2
AIR-ANT5959	Omni-directional	2.0

**Note**

AIR-ANT3338 is approved for use only with LM cards.

Department of Communications – Canada

Canadian Compliance Statement

This Class B Digital apparatus meets all the requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte les exigences du Règlement sur le matériel brouilleur du Canada.

This device complies with Class B Limits of Industry Canada. 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.

Cisco Aironet 2.4-GHz 11-Mbps client adapters are certified to the requirements of RSS-139-1 and RSS-210 for 2.4-GHz spread spectrum devices, and Cisco Aironet 5-GHz 54-Mbps client adapters are certified to the requirements of RSS-210 for 5-GHz devices. The use of these devices in a system operating either partially or completely outdoors may require the user to obtain a license for the system according to the Canadian regulations. For further information, contact your local Industry Canada office.

European Community, Switzerland, Norway, Iceland, and Liechtenstein

Declaration of Conformity with Regard to the R&TTE Directive 1999/5/EC

English:	This equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Deutsch:	Dieses Gerät entspricht den grundlegenden Anforderungen und den weiteren entsprechenden Vorgaben der Richtlinie 1999/5/EU.
Dansk:	Dette udstyr er i overensstemmelse med de væsentlige krav og andre relevante bestemmelser i Direktiv 1999/5/EF.
Español:	Este equipo cumple con los requisitos esenciales así como con otras disposiciones de la Directiva 1999/5/EC.
Έλληνας:	Αυτός ο εξοπλισμός συμμορφώνεται με τις ουσιώδεις απαιτήσεις και τις λοιπές διατάξεις της Οδηγίας 1999/5/EK.
Français:	Cet appareil est conforme aux exigences essentielles et aux autres dispositions pertinentes de la Directive 1999/5/EC.
Íslenska:	Þessi búnaður samrýmist lögboðnum kröfum og öðrum ákvæðum tilskipunar 1999/5/ESB.
Italiano:	Questo apparato é conforme ai requisiti essenziali ed agli altri principi sanciti dalla Direttiva 1999/5/EC.
Nederlands:	Deze apparatuur voldoet aan de belangrijkste eisen en andere voorzieningen van richtlijn 1999/5/EC.
Norsk:	Dette utstyret er i samsvar med de grunnleggende krav og andre relevante bestemmelser i EU-direktiv 1999/5/EC.
Português:	Este equipamento satisfaz os requisitos essenciais e outras provisões da Directiva 1999/5/EC.
Suomalainen:	Tämä laite täyttää direktiivin 1999/5/EY oleelliset vaatimukset ja on siinä asetettujen muidenkin ehtojen mukainen.
Svenska:	Denna utrustning är i överensstämmelse med de väsentliga kraven och andra relevanta bestämmelser i Direktiv 1999/5/EC.

2.4-GHz Client Adapters

For the 350 series, the following standards were applied:

- Radio: EN 300.328-1, EN 300.328-2
- EMC: EN 301 489-1, EN 301 489-17
- Safety: EN 60950

The following CE mark is affixed to the 350 series equipment (except for the 350 series mini PCI card, or AIR-MPI350):



The above CE mark is required as of April 8, 2000 but might change in the future.

The following CE mark is affixed to the 350 series mini PCI card (AIR-MPI350):

**Note**

This equipment is intended to be used in all EU and EFTA countries. Outdoor use may be restricted to certain frequencies and/or may require a license for operation. For more details, contact your customer service representative.

**Note**

Combinations of power levels and antennas resulting in a radiated power level above 100 mW equivalent isotropic radiated power (EIRP) are considered as not compliant with the above mentioned directive and are not allowed for use within the European community and other countries that have adopted the European R&TTE directive 1999/5/EC or the CEPT recommendation Rec 70.03 or both. For more details on legal combinations of power levels and antennas, refer to the [“Maximum Power Levels and Antenna Gains”](#) section on page D-4.

5-GHz Client Adapters

For the 5-GHz client adapters, the following standards were applied:

- Radio: EN 301.893
- EMC: EN 301.489-1, EN 301.489-17
- Safety: EN 60950

The following CE mark is affixed to the 5-GHz equipment:



Declaration of Conformity for RF Exposure

The radio module has been evaluated under FCC Bulletin OET 65C and found compliant to the requirements as set forth in CFR 47 Sections 2.1091, 2.1093, and 15.247 (b) (4) addressing RF Exposure from radio frequency devices.

Guidelines for Operating Cisco Aironet Wireless LAN Client Adapters in Japan

This section provides guidelines for avoiding interference when operating Cisco Aironet Wireless LAN Client Adapters in Japan. These guidelines are provided in both Japanese and English.

Japanese Translation

この機器の使用周波数帯では、電子レンジ等の産業・科学・医療用機器のほか工場の製造ライン等で使用されている移動体識別用の構内無線局（免許を要する無線局）及び特定小電力無線局（免許を要しない無線局）が運用されています。

- 1 この機器を使用する前に、近くで移動体識別用の構内無線局及び特定小電力無線局が運用されていないことを確認して下さい。
- 2 万一、この機器から移動体識別用の構内無線局に対して電波干渉の事例が発生した場合には、速やかに使用周波数を変更するか又は電波の発射を停止した上、下記連絡先にご連絡頂き、混信回避のための処置等(例えば、パーティションの設置など)についてご相談して下さい。
- 3 その他、この機器から移動体識別用の特定小電力無線局に対して電波干渉の事例が発生した場合など何かお困りのことが起きたときは、次の連絡先へお問い合わせ下さい。

連絡先 : 03-5549-6500

43768

English Translation

This equipment operates in the same frequency bandwidth as industrial, scientific, and medical devices such as microwave ovens and mobile object identification (RF-ID) systems (licensed premises radio stations and unlicensed specified low-power radio stations) used in factory production lines.

1. Before using this equipment, make sure that no premises radio stations or specified low-power radio stations of RF-ID are used in the vicinity.
2. If this equipment causes RF interference to a premises radio station of RF-ID, promptly change the frequency or stop using the device; contact the number below and ask for recommendations on avoiding radio interference, such as setting partitions.
3. If this equipment causes RF interference to a specified low-power radio station of RF-ID, contact the number below.

Contact Number: 03-5549-6500

Administrative Rules for Cisco Aironet Wireless LAN Client Adapters in Taiwan

This section provides administrative rules for operating Cisco Aironet Wireless LAN Client Adapters in Taiwan. The rules are provided in both Chinese and English.

2.4- and 5-GHz Client Adapters

Chinese Translation

低功率電波輻射性電機管理辦法

第十四條 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。

第十七條 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。

117710

English Translation

Administrative Rules for Low-power Radio-Frequency Devices:

Article 14

For those low-power radio-frequency devices that have already received a type-approval, companies, business units or users should not change its frequencies, increase its power or change its original features and functions.

Article 17

The operation of the low-power radio-frequency devices is subject to the condition that no harmful interference is caused to aviation safety and authorized radio station; and if interference is caused, the user must stop operating the device immediately and can't re-operate it until the harmful interference is clear.

The authorized radio station means a radio-communication service operating in accordance with COMMUNICATION ACT.

The operation of the low-power radio-frequency devices is subject to the interference caused by the operation of an authorized radio station, by another intentional or unintentional radiator, by industrial, scientific and medical (ISM) equipment, or by an incidental radiator.

5-GHz Client Adapters

Chinese Translation

本設備限於室內使用¹¹⁷⁷¹¹

English Translation

This equipment is limited for indoor use

Declaration of Conformity Statements

All the Declaration of Conformity statements related to this product can be found at the following URL:
<http://www.ciscofax.com>

Declaration of Conformity Statements for European Union Countries

The Declaration of Conformity statements for the European Union countries are listed below:



DECLARATION OF CONFORMITY

with regard to the R&TTE Directive 1999/5/EC & Medical Directive 93/42/EEC
according to EN 45014

Cisco Systems Inc.
170 West Tasman Drive
San Jose, CA 95134
USA

Declare under our sole responsibility that the product,

AIR-CB20A-A-K9 / 5 GHz 54 Mbps Wireless LAN Module (IEEE802.11a)

Fulfils the essential requirements of the Directives 1999/5/EC and 93/42/EEC.

The following standards were applied:

EMC **EN 301.489-1: 2000-08; EN 301.489-17: 2000-09**
EN 60601-1-2: 2001

Health & Safety **EN60950: 1992+A1+A2+A3+A4**

Radio **Draft EN 301.893: 2002-07**
(except for clause 4.6.3.1, see annex for details)

With regard to the Directive 93/42/EEC, the conformity procedure referred to in Article 11.5 and Annex VII has been followed.

With regard to the Directive 1999/5/EC, the conformity assessment procedure referred to in Article 10 and Annex IV has been followed in association with the notified body listed below:

Cetecom ICT Services GmbH, Saarbrücken - Germany

The product carries the CE Mark:



Date & Place of Issue: 9 October 2003 - Paris

Signature:

Frank Dewachter
Manager Corporate Compliance EMEA
11, rue Camille Desmoulins
92782, Issy Les Moulineaux Cedex 9 France

DofC 236859rev2



DECLARATION OF CONFORMITY
with regard to the R&TTE Directive 1999/5/EC
according to EN 45014

Cisco Systems Inc.
170 West Tasman Drive
San Jose, CA 95134
USA

Declare under our sole responsibility that the product,

AIR-LMC350 / 2.4 GHz 11 Mbps Wireless LAN Module
Variants : AIR-LMC351, AIR-LMC352, AIR-PCM350, AIR-PCM351, AIR-PCM352

Fulfils the essential requirements of Directive 1999/5/EC.

The following standards were applied:

EMC **EN 301.489-1: 2000-08; EN 301.489-17: 2000-09**
Health & Safety **EN60950: 1992+A1+A2+A3+A4**
Radio **EN 300.328-1 and -2: 2000-7**

The conformity assessment procedure referred to in Article 10 and Annex IV of Directive 1999/5/EC has been followed in association with the notified body listed below:

BelcomLab, Perronstraat 6, B 8400 Oostende – Belgium.

The product carries the CE Mark:



Date & Place of Issue: 30 July 2001 - Paris

Signature:

Frank Dewachter
Manager Corporate Compliance EMEA
11, rue Camille Desmoulins
92782, Issy Les Moulineaux Cedex 9 France

DofC 98741 rev1



DECLARATION OF CONFORMITY
with regard to the R&TTE Directive 1999/5/EC
according to EN 45014

Cisco Systems Inc.
170 West Tasman Drive
San Jose, CA 95134
USA

Declare under our sole responsibility that the product,

AIR-PCI350 / 2.4 GHz 11 Mbps Wireless LAN Adapter (PCI)
Variants : AIR-PCI351, AIR-PCI352

Fulfils the essential requirements of Directive 1999/5/EC.

The following standards were applied:

EMC **EN 301.489-1: 2000-08; EN 301.489-17: 2000-09**

Health & Safety **EN60950: 1992+A1+A2+A3+A4**

Radio **EN 300.328-1: 2000-7; EN 300.328-2: 2000-7**

The conformity assessment procedure referred to in Article 10 and Annex IV of Directive 1999/5/EC has been followed in association with the notified body listed below:

BelcomLab, Perronstraat 6, B 8400 Oostende – Belgium.

The product carries the CE Mark:



Date & Place of Issue: 24 January 2001 - Paris

Signature:

A handwritten signature in black ink, appearing to read "Frank Dewachter".

Frank Dewachter
Manager Corporate Compliance EMEA
11, rue Camille Desmoulins
92782, Issy Les Moulineaux Cedex 9 France

DofC 98742

■ Declaration of Conformity Statements