



Channels, Power Levels, and Antenna Gains

This appendix lists the channels supported by the world's regulatory domains as well as the maximum power levels and antenna gains allowed per domain. The Declaration of Conformity for Cisco Aironet 2.4-GHz wireless LAN products that is relevant to the European Union and other countries that are following the EU Directive 1999/5/EC is also included in this appendix.

This appendix covers these topics:

- [Channels, page B-2](#)
- [Maximum Power Levels and Antenna Gains, page B-3](#)
- [Declaration of Conformity, page B-5](#)

Channels

The channel identifiers, channel center frequencies, and regulatory domains of each 22-MHz-wide channel are shown in [Table B-1](#)

Table B-1 Channels

Channel Identifier	Frequency in MHz	Regulatory Domains				
		Americas (-A)	EMEA (-E)	Israel (-I)	China (-C)	Japan (-J)
1	2412	X	X	–	X	X
2	2417	X	X	–	X	X
3	2422	X	X	X	X	X
4	2427	X	X	X	X	X
5	2432	X	X	X	X	X
6	2437	X	X	X	X	X
7	2442	X	X	X	X	X
8	2447	X	X	X	X	X
9	2452	X	X	X	X	X
10	2457	X	X	–	X	X
11	2462	X	X	–	X	X
12	2467	–	X	–	–	X
13	2472	–	X	–	–	X
14	2484	–	–	–	–	X
Maximum Power (mW)		100	100	100	5	50



Note

France may use 2412-2452 MHz up to 10 mW EIRP, and 2457-2472 up to 100 mW EIRP. Mexico may use 2400-2483.5 MHz up to 650 mW EIRP (2400-2450 for indoor use only).

Maximum Power Levels and Antenna Gains

An improper combination of power level and antenna gain can result in equivalent isotropic radiated power (EIRP) above the amount allowed per regulatory domain. [Table B-2](#) indicates the maximum power levels and antenna gains allowed for each regulatory domain.

Table B-2 Maximum Power Levels Per Antenna Gain

Regulatory Domain	Antenna Gain (dBi)	Maximum Power Level (mW)
-A Channel Set (4 watts EIRP maximum)		100
	2.2	100
	5.2	100
	6	100
	8.5	100
	12	100
	13.5	100
	21	20
-E Channel Set (100 mW EIRP maximum)	0	100
	2.2	50
	5.2	30
	6	30
	8.5	5
	12	5
	13.5	5
	21	1
-I Channel Set (100 mW EIRP maximum)	0	100
	2.2	50
	5.2	30
	6	30
	8.5	5
	12	5
	13.5	5
	21	1

Table B-2 *Maximum Power Levels Per Antenna Gain (continued)*

Regulatory Domain	Antenna Gain (dBi)	Maximum Power Level (mW)
-C Channel Set (10 mW EIRP maximum)	0	5
	2.2	5
	5.2	n/a
	6	n/a
	8.5	n/a
	12	n/a
	13.5	n/a
	21	n/a
-J Channel Set (10 mW/MHz EIRP maximum)	0	50
	2.2	30
	5.2	30
	6	30
	8.5	n/a
	12	n/a
	13.5	5
	21	n/a

Declaration of Conformity



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-BR350 / 2.4 GHz DS 11 Mbps Ethernet Wireless Bridge
Variants : AIR-BR350-E-K9, AIR-SSB350-E-K9, AIR-BR351, AIR-BR352
Note: This product is IT equipment with a built in 2,4 GHz Spread Spectrum radio

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

The following standards were applied on the combined equipment:

EMC (Immunity + Conducted Emissions) **EN 301.489-1: 2000-08; EN 301.489-17: 2000-09**
(Radiated Emissions) **EN 55022: 1998 – Class B**

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

The following standards were applied separately on the radio module:

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**

This product contains:
AIR-LMC350

The combined equipment carries the CE Mark:

Additional to this CE mark, the equipment will have a sub-label
(referring to the radio module):



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.

Date & Place of Issue: 12 August 2002 - Paris

Signature:

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

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