



Channels and Antenna Settings

This appendix lists the channels and the maximum power levels and antenna gains supported by the world's regulatory domains.

The following topics are covered in this appendix:

- [Channels, page D-2](#)
- [Maximum Power Levels and Antenna Gains, page D-3](#)

Channels

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

Table D-1 Channels

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



Note

Mexico is included in the Americas regulatory domain; however, channels 1 through 8 are for indoor use only while channels 9 through 13 can be used indoors and outdoors with up to 650mW EIRP. Users are responsible for ensuring that the channel set configuration is in compliance with the regulatory standards of Mexico.

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 D-2](#) indicates the maximum power levels and antenna gains allowed for each regulatory domain.

Table D-2 Maximum Power Levels Per Antenna Gain

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

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

Regulatory Domain	Antenna Gain (dBi)	Maximum Power Level (mW)
Israel (-I) (100 mW EIRP maximum)	0	100
	2.2	50
	5.2	30
	6	30
	8.5	5
	12	5
	13.5	5
	21	1
China (-C) (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

**Note**

Mexico is included in the Americas regulatory domain; however, channels 1 through 8 are for indoor use only while channels 9 through 13 can be used indoors and outdoors with up to 650mW EIRP. Users are responsible for ensuring that the channel set configuration is in compliance with the regulatory standards of Mexico.