APPENDIX D

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

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			
		North America and ANZ	ETSI	Japan	Israel
1	2412 MHz	X	X	X	-
2	2417 MHz	X	X	X	-
3	2422 MHz	X	X	X	X
4	2427 MHz	X	X	X	X
5	2432 MHz	X	X	X	X
6	2437 MHz	X	X	X	X
7	2442 MHz	X	X	X	X
8	2447 MHz	X	X	X	X
9	2452 MHz	X	X	X	X
10	2457 MHz	X	X	X	-
11	2462 MHz	X	X	X	-
12	2467 MHz	-	X	X	-
13	2472 MHz	-	X	X	-
14	2484 MHz	-	-	X	-

Note Mexico is included in the North America regulatory domain; however, only channels 9 through 11 can be used in Mexico. 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)
North America and ANZ (4 watts EIRP maximum)	0	100
	2.2	100
	5.2	100
	6	100
	8.5	100
	12	100
	13.5	100
	21	20
ETSI (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 (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 (100 mW EIRP maximum)	0	100
	2.2	50
	5.2	30
	6	30
	8.5	5
	12	5
	13.5	5
	21	1