



Channel Settings

This appendix lists the radio channels supported by Cisco access products in the regulatory domains of the world.

IEEE 802.11b (2.4-GHz Band)

The channel identifiers, channel center frequencies, and regulatory domains of each IEEE 802.11b 22-MHz-wide channel are shown in [Table A-1](#).

Table A-1 Channels for IEEE 802.11b

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

**Note**

Mexico is included in the Americas (–A) regulatory domain; however, channels 1 through 8 are for indoor use only while channels 9 through 11 can be used indoors and outdoors. Users are responsible for ensuring that the channel set configuration is in compliance with the regulatory standards of Mexico.

IEEE 802.11g (2.4-GHz Band)

The channel identifiers, channel center frequencies, and regulatory domains of each IEEE 802.11g 22-MHz-wide channel are shown in [Table A-2](#).

Table A-2 Channels for IEEE 802.11g

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

IEEE 802.11a (5-GHz Band)

The channel identifiers, channel center frequencies, and regulatory domains of each IEEE 802.11a 20-MHz-wide channel are shown in [Table A-3](#).

Table A-3 5-GHz Radio Band

Channel Identifier	Center Frequency (MHz)	Regulatory Domains			China
		North America (–A)	ETSI	Japan (–P)	
36	5180	X	X	X	
40	5200	X	X	X	

Table A-3 5-GHz Radio Band (continued)

Channel Identifier	Center Frequency (MHz)	Regulatory Domains			China
		North America (-A)	ETSI	Japan (-P)	
44	5220	X	X	X	
48	5240	X	X	X	
52	5260	X	X	X	
56	5280	X	X	X	
60	5300	X	X	X	
64	5320	X	X	X	
100	5500	–	X	–	
104	5520	–	X	–	
108	5540	–	X	–	
112	5560	–	X	–	
116	5580	–	X	–	
120	5600	–	X	–	
124	5620	–	X	–	
128	5640	–	X	–	
132	5660	–	X	–	
136	5680	–	X	–	
140	5700	–	X	–	
149	5745	X	–	–	X
153	5765	X	–	–	X
157	5785	X	–	–	X
161	5805	X	–	–	X

**Note**

All channel sets are restricted to indoor usage except the Americas (-A), which allows for indoor and outdoor use on channels 52 through 64 in the United States.

