



Countries and Regulations

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Information About Country Codes

Controllers and access points are designed for use in many countries with varying regulatory requirements. The radios within the access points are assigned to a specific regulatory domain at the factory (such as -E for Europe), but the country code enables you to specify a particular country of operation (such as FR for France or ES for Spain). Configuring a country code ensures that each radio's broadcast frequency bands, interfaces, channels, and transmit power levels are compliant with country-specific regulations.

Information About Japanese Country Codes

Country codes define the channels that can be used legally in each country. These country codes are available for Japan:

- J2: Allows only -P radios to join the controller
- J4: Allows 2.4G JPQU and 5G PQU to join the controller.

Prerequisites for Configuring Country Codes

- Generally, you should configure one country code per device; you configure one code that matches the physical location of the device and its access points. You can configure up to 200 country codes per device. This multiple-country support enables you to manage access points in various countries from a single device.
- When the multiple-country feature is used, all the devices that are going to join the same RF group must be configured with the same set of countries, configured in the same order.

- Access points are capable of using all the available legal frequencies. However, access points are assigned to the frequencies that are supported in their relevant domains.
- The country list configured on the RF group leader determines which channels the members will operate on. This list is independent of which countries have been configured on the RF group members.
- For devices in the Japan regulatory domain, you should have one or more Japan country codes (JP, J2, or J3) configured on your device at the time you last booted your device.
- For devices in the Japan regulatory domain, you should have one or more Japan country codes (J2, or J4) configured on your device at the time you last booted your device.
- For devices in the Japan regulatory domain, you must have at least one access point with a -J regulatory domain joined to your device.
- You cannot delete any country code using the configuration command **wireless country country-code** if the specified country was configured using the **ap country list** command and vice-versa.

Configuring Country Codes (GUI)

Procedure

-
- Step 1** Choose **Configuration > Wireless > Access Points > Country**.
- Step 2** On the **Country** page, select the check box for each country where your access points are installed. If you selected more than one check box, a message is displayed indicating that RRM channels and power levels are limited to common channels and power levels.
- Step 3** Click **Apply**.
-

Configuring Country Codes (CLI)

Procedure

| | Command or Action | Purpose |
|---------------|--|---|
| Step 1 | enable Example: Device# enable | Enters privileged EXEC mode. |
| Step 2 | show wireless country supported Example: Device# show wireless country supported | Displays a list of all the available country codes. |
| Step 3 | configure terminal Example: | Enters global configuration mode. |

| | Command or Action | Purpose |
|----------------|---|---|
| | Device# configure terminal | |
| Step 4 | ap dot11 { 24ghz 5ghz 6ghz } shutdown Example: Device(config)# ap dot11 5ghz shutdown | Disables the 802.11b/g network, if you use 24ghz. Disables the 802.11a network, if you use 5ghz. Enables the 802.11 6-GHz network, if you use 6ghz. |
| Step 5 | ap country <i>country_code</i> Example: Device(config)# ap country IN | Configures country code on the controller, so that access points joining controller matches the country code and its corresponding regulatory domain codes for the AP. Note More than one country code can be configured. |
| Step 6 | wireless country <i>country_code</i> Example: Device(config)# wireless country IN | Configures 200 country codes per device. Note This CLI is applicable for deployments having more than 20 countries. |
| Step 7 | exit Example: Device(config)# exit | Returns to privileged EXEC mode. |
| Step 8 | show wireless country configured Example: Device# show wireless country configured | Displays the configured countries. |
| Step 9 | show wireless country channels Example: Device# show wireless country channels | Displays the list of available channels for the country codes configured on your device. Note Perform Steps 9 through 17 only if you have configured multiple country codes in Step 6. |
| Step 10 | configure terminal Example: Device# configure terminal | Enters global configuration mode. |
| Step 11 | no ap dot11 { 24ghz 5ghz 6ghz } shutdown Example: Device(config)# no ap dot11 5ghz shutdown | Enables the 802.11b/g network, if you use 24ghz. Enables the 802.11a network, if you use 5ghz. Enables the 802.11 6-GHz network, if you use 6ghz. |

| | Command or Action | Purpose |
|----------------|--|---|
| Step 12 | end Example: Device(config)# end | Returns to privileged EXEC mode. |
| Step 13 | ap name cisco-ap shutdown Example: Device# ap name AP02 shutdown | Disables the access point. Note Ensure that you disable only the access point for which you are configuring country codes. |
| Step 14 | configure terminal Example: Device# configure terminal | Enters global configuration mode. |
| Step 15 | ap name cisco-ap country country_code Example: Device# ap name AP02 country US | Assigns each access point with a country code from the controller country code list. Note <ul style="list-style-type: none"> • Ensure that the country code that you choose is compatible with the regulatory domain of at least one of the access point's radios. • Disable the access point before changing country code. |
| Step 16 | end Example: Device(config)# end | Returns to privileged EXEC mode. |
| Step 17 | ap name cisco-ap no shutdown Example: Device# ap name AP02 no shutdown | Enables the access point. |

Configuration Examples for Configuring Country Codes

Viewing Channel List for Country Codes

This example shows how to display the list of available channels for the country codes on your device:

```
Device# show wireless country channels
```

```
Configured Country.....: US - United States
KEY: * = Channel is legal in this country and may be configured manually.
```

```

A = Channel is the Auto-RF default in this country.
. = Channel is not legal in this country.
C = Channel has been configured for use by Auto-RF.
x = Channel is available to be configured for use by Auto-RF.
(-,-) = (indoor, outdoor) regulatory domain allowed by this country.
-----:+++++-----
802.11bg      :
Channels      :           1 1 1 1 1
              :   1 2 3 4 5 6 7 8 9 0 1 2 3 4
-----:+++++-----
(-A , -AB ) US : A * * * * A * * * * A . . .
Auto-RF        : . . . . .
-----:+++++-----
802.11a      :
Channels      :           1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
              :  3 3 3 4 4 4 4 4 4 5 5 6 6 0 0 0 1 1 2 2 2 3 3 4 4 5 5 6 6
              :  4 6 8 0 2 4 6 8 2 6 0 4 0 4 8 2 6 0 4 8 2 6 0 9 3 7 1 5
-----:+++++-----
(-A , -AB ) US : . A . A . A . A A A A A * * * * * . . . * * * A A A A *
Auto-RF        : . . . . .
-----:+++++-----
4.9GHz 802.11a :
Channels      :           1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2
              :   1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
-----:+++++-----
US (-A , -AB ) : * * * * * * * * * * * * * * * A * * * * * A
Auto-RF        : . . . . .

```

Information About Regulatory Compliance Domain

Controllers and access points (AP) are designed for use in many countries with varying regulatory requirements. Country code enables to specify a particular country of operation (such as FR for France or ES for Spain). Configuring a country code ensures that each radio's broadcast frequency bands, interfaces, channels, and transmit power levels are compliant with country-specific regulations.

This feature helps to reduce the number of regulatory domains by modifying the existing pre-provision domains workflow to determine the regulatory domain at runtime for each country code. A new Rest of World (RoW) domain has been introduced and merged to include the nine pre-existing domains. Every AP can determine its own regulatory domain from one of these domains, with the regulated power table and the allowed radio channels.



Note The transmission power value in the TPC IE of the beacon can differ from that of the transmission power value of the AP displayed in the **show controllers dot11radio** command, by a maximum difference of 2 dB. The maximum deviation allowed in TPC IE of beacon is 2 dB.

Global Country-Level Domains

Table 1: Power Table and Supported Channels of Countries in Global Domain (2.4-GHz and 5-GHz)

| Country and Code | Outdoor Power Table 2.4-GHz | Outdoor Power Table 5-GHz | Supported Channels 2.4-GHz | Supported Primary Channels 5-GHz | Supported Secondary Channels 5-GHz |
|--------------------|--------------------------------|------------------------------|-----------------------------------|---|---|
| Albania: AL | 2G-E | 5G-E | 1-2-3-4-5-6 7-8-9-10-11-12-13 | NA | 100-104-108- 112-116-132-136-140 |
| Australia: Au | 2G-A | 5G-Z | 1-2-3-4-5- 6-7-8-9-10-11 | 36-44-48-52-56-60-64-100-104-108-112-116-132-136-140-149-153-157-161-165 | 100-104-108- 112-116-132-136 -140-149-153-161-165 |
| Austria: AT | 2G-E | 5G-E | 1-2-3-4-5- 6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140 | 100-104-108 112-116-132-136-140 |
| Belgium: BE | 2G-E | 5G-E | 1-2-3-4-5- 6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140 | 100-104-108- 112-116-132-136-140 |
| Bulgaria: BG | 2G-E | 5G-E | 1-2-3-4-5-6, 7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140 | 100-104-108- 112-116-132-136-140 |
| Canada: CA | 2G-A | 5G-A | 1-2-3-4-5-6 7-8-9-10-11 | 36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140-149-153-157-161-165 | 100-104-108-112-116- 132-136-140-149-153-157- 161-165 |
| China: CN | | | 1-2-3-4-5-6, 7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-149-153-157-161-165 | 149-153-157-161-165 |
| Croatia: HR | 2G-E | 5G-E | 1-2-3-4-5- 6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140 | 100-104-108- 112-116-132-136-140 |
| Cyprus: CY | 2G-E | 5G-E | 1-2-3-4-5-6 7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140 | 100-104-108-112-116- 132-136-140 |
| Czech Republic: CZ | 2G-E | 5G-E | 1-2-3-4-5- 6-7-8-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140 | 100-104-108- 112-116-132-136-140 |
| Denmark: DK | 2G-E | 5G-E | 1-2-3-4-5-6 7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140 | 100-104-108-112- 116-132-136-140 |
| Estonia: EE | 2G-E | 5G-E | 1-2-3-4-5- 6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140 | 100-104-108- 112-116-132-136-140 |

| Country and Code | Outdoor Power Table 2.4-GHz | Outdoor Power Table 5-GHz | Supported Channels 2.4-GHz | Supported Primary Channels 5-GHz | Supported Secondary Channels 5-GHz |
|-------------------------|--------------------------------|------------------------------|-----------------------------------|---|--|
| Finland: FI | 2G-E | 5G-E | 1-2,-3-4-5 6-7-8-9-10-11-12-13 | 3604485256064100104 1081216120242813136140 | 100-104-108 112-116-132-136-140 |
| France: FR | 2G-E | 5G-E | 1-2-3-4-5-6 7-8-9-10-11-12-13 | 3604485256064100104 1081216120242813136140 | 100-104-108- 112-116-132-136-140 |
| Germany: DE | 2G-E | 5G-E | 1-2-3-4-5-6 7-8-9-10-11-12-13 | 3604485256064100104 1081216120242813136140 | 100-104-108- 112-116-132-136-140 |
| Gibraltar | NA | NA | 1-2-3-4-5-6 7-8-9-10-11-12-13 | 3604485256064100104 1081216120242813136140 | 100-104-108- 112-116-132-136-140 |
| Greece: GR | 2G-E | 5G-E | 1-2-3-4-5-6 7-8-9-10-11-12-13 | 3604485256064100104 1081216120242813136140 | 100-104-108- 112-116-132-136-140 |
| Hungary: HU | 2G-E | 5G-E | 1-2-3-4-5- 6-7-8-9-10-11-12-13 | 3604485256064100104 1081216120242813136140 | 100-104-108 112-116-132-136-140 |
| Iceland: IS | 2G-E | 5G-E | 1-2-3-4-5-6 7-8-9-10-11-12-13 | 3604485256064100104 1081216120242813136140 | 100-104-108 112-116-132-136-140 |
| Indonesia: ID | 2G-F | 5G-F | 1-2-3-4-5-6 7-8-9-10-11-12-13 | NA | 149-153-157-161 |
| Israel: IL ¹ | 2G-E | 5G-E | 1-2-3-4-5-6 7-8-9-10-11-12-13 | NA | 1245678910111213601485256064 1001081216120242813136140 |
| Italy: IT | 2G-E | 5G-E | 1-2-3-4-5- 6-7-8-9-10-11-12-13 | 3604485256064100104 1081216120242813136140 | 100-104-108 112-116-132-136-140 |
| Japan: JP | 2G-Q | 5G-Q | 1-2-3-4-5-6 7-8-9-10-11-12-13 | 3604485256064100104 1081216120242813136140 | 100-104-108- 112-116-120-124-128-132- 136-140-144 |
| Korea: KR | NA | NA | 1-2-3-4-5-6 7-8-9-10-11-12-13 | 36044852560641001081216 1021281321614014915315716165 | 100-104-108 112-116 -132-136-140-149-153-157-161-165 |
| Latvia: LV | 2G-E | 5G-E | 1-2-3-4-5- 6-7-8-9-10-11-12-13 | 3604485256064100104 1081216120242813136140 | 100-104-108 112-116-132-136-140 |
| Liechtenstein: LI | 2G-E | 5G-E | 1-2-3-4-5- 6-7-8-9-10-11-12-13 | 3604485256064100104 1081216120242813136140 | 100-104-108- 112-116-132-136-140 |

| Country and Code | Outdoor Power Table 2.4-GHz | Outdoor Power Table 5-GHz | Supported Channels 2.4-GHz | Supported Primary Channels 5-GHz | Supported Secondary Channels 5-GHz |
|--------------------|--------------------------------|------------------------------|--|--|---|
| Lithuania: LT | 2G-E | 5G-E | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13 | 36-44-48-52-56-60-64-100-104 -108-112-116-120-124-128-132-136-140 | 100-104-108-112 -116-132-136-140 |
| Luxembourg: LU | 2G-E | 5G-E | 1-2-3-4-5-6 7-8-9-10-11-12-13 | 36-44-48-52-56-60-64-100-104 -108-112-116-120-124-128-132-136-140 | 100-104-108 112-116-132-136-140 |
| Malta: MT | 2G-E | 5G-E | 1-2-3-4-5- 6-7-8-9-10-11-12-13 | 36-44-48-52-56-60-64-100-104 -108-112-116-120-124-128-132-136-140 | 100-104-108- 112-116-132-136-140 |
| Mexico: MX | NA | NA | 1-2-3-4-5- 6-7-8-9-10-11-12-13 | 36-44-48-52-56-60-64-100-104-108-112-116- 120-128-136-140-149-153-157-161-165 | 100-104-108 112-116- 132-136-140-149-153-157-161-165 |
| Monaco: MN | NA | NA | 1-2-3-4-5- 6-7-8-9-10-11-12-13 | 36-44-48-52-56-60-64-100-104 -108-112-116-120-124-128-132-136-140 | 100-104-108- 112-116-132-136-140 |
| Netherlands: NL | 2G-E | 5G-E | 1-2-3-4-5- 6-7-8-9-10-11-12-13 | 36-44-48-52-56-60-64-100-104 -108-112-116-120-124-128-132-136-140 | 100-104-108- 112-116-132-136-140 |
| New Zealand: NZ | 2G-A | 5G-E | 1-2-3-4-5- 6-7-8-9-10-11 | NA | 100-104-108-112-116- 132-136-140- 149-153-161-165 |
| Norway: NO | 2G-E | 5G-E | 1-2-3-4-5-6 7-8-9-10-11-12-13 | 36-44-48-52-56-60-64-100-104 -108-112-116-120-124-128-132-136-140 | 100-104-108- 112-116-132-136-140 |
| Poland: PL | 2G-E | 5G-E | 1-2-3-4-5- 6-7-8-9-10-11-12-13 | 36-44-48-52-56-60-64-100-104 -108-112-116-120-124-128-132-136-140 | 100-104-108- 112-116-132-136-140 |
| Portugal: PT | 2G-E | 5G-E | 1-2-3-4-5- 6-7-8-9-10-11-12-13 | 36-44-48-52-56-60-64-100-104 -108-112-116-120-124-128-132-136-140 | 100-104-108- 112-116-132-136-140 |
| Puerto Rico: PR | 2G-A | 5G-B | 1-2-3-4-5- 6-7-8-9-10-11 | NA | 36-40-44-48- 52-56-60-64-100-104- 108-112-116-120-128-132-140- 144-149-153- 157-161-165 |
| Romania: RO | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11- 12-13 | 36-44-48-52-56-60-64-100-104 -108-112-116-120-124-128-132-136-140 | 100-104-108-112 -116-132-136-140 |

| Country and Code | Outdoor Power Table 2.4-GHz | Outdoor Power Table 5-GHz | Supported Channels 2.4-GHz | Supported Primary Channels 5-GHz | Supported Secondary Channels 5-GHz |
|------------------------------|--------------------------------|------------------------------|-------------------------------|---|---|
| Russian Federation: RU | 2G-R | 5G-R | 1-2-3-4-5-6-7-8-9-10-11-12-13 | NA | 36-40-44-48-52-56-60-64-136-140-144-149-153-157-161-165 |
| San Marino: SM | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | NA | 36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140 |
| Slovak Republic: SK | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140 | 100-104-108-112-116-132-136-140 |
| Slovenia: SI | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140 | 100-104-108-112-116-132-136-140 |
| Spain: ES | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140 | 100-104-108-112-116-132-136-140 |
| Sweden: SE | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140 | 100-104-108-112-116-132-136-140 |
| Switzerland: CH | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140 | 100-104-108-112-116-132-136-140 |
| United Kingdom: GB | NA | NA | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140-149-153-157-161-165 | 100-104-108-112-116-120-124-128-132-136-140-149-153-157-161-165 |
| United States of America: US | 2G-A | 5G-B | 1-2-3-4-5-6-7-8-9-10-11 | NA | 36-40-44-48-52-56-60-64-100-104-108-112-116-120-128-132-140-144-149-153-157-161-165 |
| Vatican City: VA | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | NA | 36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140 |

¹ From Cisco IOS XE 17.14.1, Israel has rejected the RoW domain standard and requires the usage of the following:

- Outdoor APs:
 - -I, effective July 2024

- Development of a Cisco Catalyst 9124 and 9163 domains that conform to Israel's outdoor AP requirements
- Indoor APs: Add Israel to the country list in the controller for -E domain APs
- Usage of -E on pre-RoW Wi-Fi 6 APs

Applicable post-RoW indoor APs: Cisco Catalyst 9136, 9162, 9164, and 9166 APs

Applicable pre-RoW indoor APs: Cisco Catalyst 9105, 9115, 9120, and 9130 APs

Restrictions on Regulatory Compliance Domain

- Cisco Catalyst 9124 AXE APs (9124AXE-F) are not supported in Indonesia. The AP radios are operationally down.

Countries Supporting 6-GHz Radio Band

The table below list the countries that support 802.11 6-GHz radio band:

The following APs support 6-GHz radio band:

- Cisco Catalyst 9136 Access Points
- Cisco Catalyst 9162 Series Access Points
- Cisco Catalyst 9164 Series Access Points
- Cisco Catalyst 9166 Series Access Points

From Cisco IOS XE Dublin 17.11.1, Albania, Iceland, Lichtenstein, Norway, and Switzerland are added to the list of countries that supports 6-GHz radio band.

From Cisco IOS XE Dublin 17.12.1, Australia, Brazil, Costa Rica, Honduras, Hong Kong, Japan, Jordan, Kenya, Malaysia, Morocco, New Zealand, Peru, Qatar, Saudi Arabia, and United Arab Emirates are added to the list of countries that supports 6-GHz radio band.

Table 2: Power Table and Supported Channels of Countries (6-GHz)

| Country and Code | Outdoor Power Table 6-GHz | Supported Channels 6-GHz |
|------------------|------------------------------|--|
| Albania: AL | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |

| Country and Code | Outdoor Power Table 6-GHz | Supported Channels 6-GHz |
|-------------------------|--------------------------------------|---|
| Argentina: AR | 6G -B1 | 1-5-9-13-17-21-25-29-33-37-41-45-49-53 -57-61-65-69-73-77-81-85-89 -93-97-101-105-109-113-117-121-125-129-133- 137-141-145-149-153-157-161-165-169-173 -177-181-185-189-193-197-201-205-209-213 -217-221-225-229-223 |
| Austria: AT | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93 |
| Australia: AU | 6G-Z | 1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93 |
| Belgium: BE | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93 |
| Brazil: BR | 6G-B1 | 1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93-97-101-105-1 09-113-117-121-125-129-133-137-141-145-149- 153 157-161-165-169-173-177-181-185-189-193- 197-201-205-209-213-217-221-225-229-233 |
| Bulgaria: BG | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93 |
| Canada: CA | 6G-A | 1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93-97-101-105-1 09-113-117-121-125-129-133-137-141-145-149- 153 157-161-165-169-173-177-181-185-189-193- 197-201-205-209-213-217-221-225-229-233 |
| Chile: CL | 6G -B2 | 1-5-9-13-17-21-25-29-33-37-41-45-49-53- 57-61-65-69-73-77-81-85-89-93-97-101-105- 109-113-117-121-125-129-133-137-141-145- 149-153-157-161-165-169-173-177-181-185- 189-193-197-201-205-209-213-217-221-225-229-223 |

| Country and Code | Outdoor Power Table 6-GHz | Supported Channels 6-GHz |
|------------------------|------------------------------|---|
| Colombia: CO | 6G-B1 | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117-121-125-129-133-137-141-145-149-153-157-161-165-169-173-177-181-185-189-193-197-201-205-209-213-217-221-225-229-233 |
| Costa Rica: CR | 6G-B1 | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117-121-125-129-133-137-141-145-149-153-157-161-165-169-173-177-181-185-189-193-197-201-205-209-213-217-221-225-229-233 |
| Croatia: HR | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Cyprus: CY | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Czech Republic: CZ | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Denmark: DK | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Dominican Republic: DO | 6G -B1 | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117-121-125-129-133-137-141-145-149-153-157-161-165-169-173-177-181-185-189-193-197-201-205-209-213-217-221-225-229-233 |
| Estonia: EE | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Finland: FI | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| France: FR | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |

| Country and Code | Outdoor Power Table 6-GHz | Supported Channels 6-GHz |
|-------------------------|------------------------------|---|
| Germany: DE | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Greece: GR | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Honduras: HR | 6G-B1 | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117-121-125-129-133-137-141-145-149-153-157-161-165-169-173-177-181-185-189-193-197-201-205-209-213-217-221-225-229-233 |
| Hong Kong: HK | 6G-E2 | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Hungary: HU | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Iceland: IS | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Ireland: IE | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Israel: IL ² | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Italy: IT | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Japan: J4 | 6G-Q | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Jordan: JO | 6G-E2 | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Kenya: KN | 6G-E2 | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |

| Country and Code | Outdoor Power Table 6-GHz | Supported Channels 6-GHz |
|-------------------|------------------------------|--|
| Korea: KR | 6G-K1 | 1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93-97-101-105- 109-113-117-121-125-129-133-137-141-145- 149-153 157-161-165-169-173-177-181-185-189- 193-197-201-205-209-213-217-221-225-229 |
| Latvia: LV | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93 |
| Liechtenstein: LI | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93 |
| Lithuania: LT | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93 |
| Luxembourg: LU | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93 |
| Malta: MT | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93 |
| Malaysia: MY | 6G-E2 | 1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93 |
| Mexico: MX | 6G -B2 | 1-5-9-13-17-21-25-29-33-37-41-45-49-53 -57-61-65-69-73-77-81-85-89-93-97-101-105- 109-113-117-121-125-129-133-137-141-145 -149-153-157-161-165-169-173-177-181-185 -189-193-197-201-205 |
| Morocco: MO | 6G-E2 | 1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93 |
| Netherlands: NL | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93 |
| New Zealand: NZ | 6G-Z | 1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93 |

| Country and Code | Outdoor Power Table 6-GHz | Supported Channels 6-GHz |
|---------------------|------------------------------|---|
| Norway: NO | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Peru: PE | 6G-B1 | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117-121-125-129-133-137-141-145-149-153-157-161-165-169-173-177-181-185-189-193-197-201-205-209-213-217-221-225-229-233 |
| Poland: PL | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Portugal: PT | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Qatar: QA | 6G-E2 | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Romania: RO | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| San Marino: SM | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Saudi Arabia: SA | 6G-B1 | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117-121-125-129-133-137-141-145-149-153-157-161-165-169-173-177-181-185-189-193-197-201-205-209-213-217-221-225-229-233 |
| Singapore: SG | 6G-Z | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Slovak Republic: SK | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Slovenia: SI | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| South Africa: ZA | 6G-E2 | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Spain: ES | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |

| Country and Code | Outdoor Power Table 6-GHz | Supported Channels 6-GHz |
|------------------------------|------------------------------|---|
| Sweden: SE | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Switzerland: CH | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Thailand: TH | 6G-Z | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| Turkey: TR | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| United Arab Emirates: AE | 6G-E1 | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| United Kingdom: GB | 6G-E1 | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |
| United States of America: US | 6G-B | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117-121-125-129-133-137-141-145-149-153-157-161-165-169-173-177-181-185-189-193-197-201-205-209-213-217-221-225-229-233 |
| Vatican City: VA | 6G-E | 1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93 |

² From Cisco IOS XE 17.14.1, Israel has rejected the RoW domain standard and requires the usage of the following:

- Outdoor APs:
 - -I, effective July 2024
 - Development of a Cisco Catalyst 9124 and 9163 domains that conform to Israel's outdoor AP requirements
- Indoor APs: Add Israel to the country list in the controller for -E domain APs
- Usage of -E on pre-RoW Wi-Fi 6 APs

Applicable post-RoW indoor APs: Cisco Catalyst 9136, 9162, 9164, and 9166 APs

Applicable pre-RoW indoor APs: Cisco Catalyst 9105, 9115, 9120, and 9130 APs

Rest of World Domain

Until Cisco IOS XE Bengaluru 17.5.1, APs used the global controller country list to configure and validate the country codes. From Cisco IOS XE Bengaluru 17.6.1 onwards, RoW domain support was added.

The following APs support RoW domain:

- Cisco Catalyst 9124AX outdoor Access Points
- Cisco Catalyst 9136 Access Points
- Cisco Catalyst 9164 Series Access Points
- Cisco Catalyst 9166 Series Access Points

From Cisco IOS XE Cupertino 17.9.1, the following countries are added to the RoW domain:

- Belarus
- Brunei
- Iraq
- Kazakhstan
- Kuwait
- Nigeria
- Pakistan
- Qatar
- Ukraine
- Uruguay

From Cisco IOS XE Dublin 17.11.1, the following countries are added to the RoW domain:

- Afghanistan
- Angola
- Bhutan
- Cambodia
- Democratic Republic of the Congo
- Ethiopia
- Georgia
- Honduras
- Ivory Coast
- Kosovo
- Laos
- Moldova

- Myanmar
- Nepal
- Nicaragua
- San Marino
- Sudan
- Vatican City State
- Yemen
- Zimbabwe



Note From Cisco IOS XE 17.14.1, Israel has rejected the RoW domain standard and requires the usage of the following:

- Outdoor APs:
 - -I, effective July 2024
 - Development of a Cisco Catalyst 9124 and 9163 domains that conform to Israel's outdoor AP requirements
- Indoor APs: Add Israel to the country list in the controller for -E domain APs
- Usage of -E on pre-RoW Wi-Fi 6 APs

Applicable post-RoW indoor APs: Cisco Catalyst 9136, 9162, 9164, and 9166 APs

Applicable pre-RoW indoor APs: Cisco Catalyst 9105, 9115, 9120, and 9130 APs

Table 3: Power Table and Supported Channels of Countries in RoW Domain

| Country and Code | Outdoor Power Table 2.4-GHz | Outdoor Power Table 5-GHz | Supported Channels 2.4 GHz | Supported Channels 5 GHz |
|------------------|--------------------------------|------------------------------|-------------------------------|---|
| Afghanistan: AF | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116 |
| Algeria: DZ | 2G-E | 5G-C1 | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 52-56-60-64-100-104-108-112-116-132 |
| Angola: AO | 2G-E | — | 1-2-3-4-5-6-7-8-9-10-11-12-13 | — |
| Argentina: AR | 2G-Z | 5G-A1 | 1-2-3-4-5-6-7-8-9-10-11 | 36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140-149-153-157-161-165 |

| Country and Code | Outdoor Power Table 2.4-GHz | Outdoor Power Table 5-GHz | Supported Channels 2.4 GHz | Supported Channels 5 GHz |
|------------------|--------------------------------|------------------------------|-----------------------------------|--|
| Bahamas: BS | 2G-A | 5G-B1 | 1-2-3-4-5-6-7-8-9-10-11 | 36-40-44-48-52-56-60-64-149-153-157-161-165 |
| Bahrain: BH | 2G-E | 5G-C1 | 1-2-3-4-5-6-7-8-9-10 11-12-13 | 149-153-157-161-165 |
| Bangladesh: BD | 2G-A | 5G-A2 | 1-2-3-4-5-6-7-8-9-10- 11 | 149-153-157-161-165 |
| Barbados: BB | 2G-A | 5G-B1 | 1-2-3-4-5-6-7-8-9-10- 11 | 36-40-44-48-52-56-60-64 149-153-157-161-165 |
| Belarus: BY | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10 11-12-13 | 132-136-140 |
| Bhutan: BT | 2G-E | — | 1-2-3-4-5-6-7-8-9-10-11-12-13 | — |
| Bolivia: BO | 2G-A | 5G-A10 | 1-2-3-4-5-6-7-8-9-10- 11 | 149-153-157-161-165 |
| Bosnia: BA | 2G-E | 5G-E | 1-2-3-4-5- 6-7-8-9-0-11-12-13 | 100-104-108- 112-116-132-136-140 |
| Brazil: BR | 2G-Z | 5G-Z1 | 1-2-3-4-5-6-7-8-9-10- 11-12-13 | 100- 104-112-116-120 124-128-132-136- 140-149-153-157- 161-165 |
| Brunei: BN | 2G-V1 | 5G-M3 | 1-2-3-4-5-6-7-8-9-10 11-12-13 | 36-40-44-48-52-56-60-64- 116-120-124-128-132-136-140- 149-153-157-161-165 |
| Cambodia: KH | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64 |
| Cameroon: CM | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10 11-12-13 | 100-104-108-112-116-132-136-140 |
| Chile: CL | 2G-A | 5G-A3 | 1-2-3-4-5-6-7-8-9-10- 11 | 52-56-60-64-100-104- 108-112-116-120-124-128-132- 136 140-149-153-157-161-165 |
| China: CN | 2G-E | 5G-H1 | 1-2-3-4-5-6-7-8-9-10 11-12-13 | 149-153-157-161-165 |
| Colombia: CO | 2G-A | 5G-B2 | 1-2-3- 4-5-6-7-8-9-10- 11 | 36-40-44-48-52-56-60-64-100-108-112-116-120-124- 132 136-140-149-153-157-161-165 |

| Country and Code | Outdoor Power Table 2.4-GHz | Outdoor Power Table 5-GHz | Supported Channels 2.4 GHz | Supported Channels 5 GHz |
|--------------------------------------|--------------------------------|------------------------------|-------------------------------|---|
| Cost Rica: CR | 2G-A | 5G-A4 | 1-2-3-4-5-6-7-8-9-10-11 | 36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140-149-153-157-161-165 |
| Democratic Republic of the Congo: CD | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116 |
| Dominican Republic: DO | 2G-A | 5G-A5 | 1-2-3-4-5-6-7-8-9-10-11 | 36-40-44-48-52-58-60-64-100-104-108-112-116-120-124-128-132-136-140-149-153-157-161-165 |
| Ecuador: EC | 2G-A | 5G-A4 | 1-2-3-4-5-6-7-8-9-10-11 | 36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140-149-153-157-161-165 |
| Egypt: EG | 2G-E | 5G-C1 | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64 |
| El Salvador: SV | 2G-A | 5G-A | 1-2-3-4-5-6-7-8-9-10-11 | 52-56-60-64-149-153-157-161-165 |
| Ethiopia: ET | 2G-E | — | 1-2-3-4-5-6-7-8-9-10-11-12-13 | — |
| Georgia: GE | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140 |
| Ghana: GH | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 100-104-108-112-116-132-136-140 |
| Gibraltar: GI | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 100-104-108-112-116-132-136-140 |
| Honduras: HN | 2G-A | 5G-B2 | 1-2-3-4-5-6-7-8-9-10-11 | 36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140-149-153-157-161-165 |

| Country and Code | Outdoor Power Table 2.4-GHz | Outdoor Power Table 5-GHz | Supported Channels 2.4 GHz | Supported Channels 5 GHz |
|------------------|--------------------------------|------------------------------|---|---|
| Hong Kong: HK | 2G-Z | 5G-Z1 | 1-2-3-4-5-6-7-8-9-10- 11 | 100-104-108-112-116-120-124-128-132-136-140-149-153-157-161-165 |
| India: IN | 2G-Z | 5G-D1 | 1-2-3-4-5-6-8-9-10-11 | 36-40-44-48-52-56-60- 100-104-108-112-116-124-128-132-136-140-144-153-157-161-165-169 |
| Iraq: IQ | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 100-104-108-112-116-132-136-140 |
| Israel: IL | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | — |
| Ivory Coast: CI | 2G-E | — | 1-2-3-4-5-6-7-8-9-10-11-12-13 | — |
| Jamaica: JM | 2G-E | 5G-Z | 1-2-3-4-5-6-7-8-9-10- 11 | 52-56-60-64-100-104-108-112-116-120-124-128-132-136-140-153-161-165 |
| Jordan: JO | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 100-104-108-112-116-132-136-140 |
| Kazakhstan: KZ | 2G-E | 5G-E9 | 1-2-3-4-5-6-7-8-9-10- 11 | 100-104-108-112-116-132-136-140 |
| Kenya: KE | 2G-E | 5G-E | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13 | 100-104-108-112-116-132-136-140 |
| Korea: KR | 2G-E | 5G-K1 | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60 64-100-104-108-112-116-120-124-128-132-136-140-149-153-157-161-165 |
| Kosovo: XK | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140 |
| Kuwait: KW | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 100-104-108-112-116-132-136-140 |
| Laos: LA | 2G-E | — | 1-2-3-4-5-6-7-8-9-10-11-12-13 | — |

| Country and Code | Outdoor Power Table 2.4-GHz | Outdoor Power Table 5-GHz | Supported Channels 2.4 GHz | Supported Channels 5 GHz |
|-------------------------|--|--------------------------------------|---------------------------------------|---|
| Lebanon: LB | 2G-E | 5G-E | 1-2-3-4-5-6 7-8-9-10-11-12-13 | 100-104-108 112-116-132-136-140 |
| Macedonia: MK | 2G-E | 5G-E | 1-2-3-4-5-6 7-8-9-10-11-12-13 | 100-104-108 112-116-132-136-140 |
| Macao: MO | 2G-V1 | 5G-M3 | 1-2-3-4-5-6-7-8-9-10 11-12-13 | 36-40-44-48-52-56-60-64 116-120-124-128- 132-140-149-153 157-161-165 |
| Malaysia: MY | 2G-F | 5G-C2 | 1-2-3-4-5-6-7-8-9-10 11-12-13 | 100-104-108-112-116- 120-124-128-149-153- 157-161-165 |
| Mexico: MX | 2G-A1 | 5G-A6 | 1-2-3-4-5-6-7-8-9-10 11-12-13 | 36-40-44-48-52-56-60- 64-149-153-157-161-165 |
| Moldova: MD | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64- 100-104-108-112-116-132- 136-140 |
| Mongolia: MN | 2G-E1 | 5G-E6 | 1-2-3-4-5-6-7-8-9-10 11-12-13 | 36-40-44-48-52-56-60-64 116-120-124-128- 132-140-149-153 157-161-165 |
| Monaco: MC | 2G-E | 5G-E | 1-2-3-4-5- 6-7-8-9-10-11-12-13 | 100-104-108 112-116-132-136-140 |
| Montenegro: ME | 2G-E | 5G-E | 1-2-3-4-5- 6-7-8-9-10-11-12-13 | 100-104-108 112-116-132-136-140 |
| Myanmar: MM | 2G-E | — | 1-2-3-4-5-6-7-8-9-10-11-12-13 | — |
| Nepal: NP | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64- 100-104-108-112-116-132-136-140 |
| Nicaragua: NI | 2G-A | 5G-A | 1-2-3-4-5-6-7-8-9-10-11 | 36-40-44-48-52-56-60-64- 100-104-108-112-116-132- 136-140-149-153-157-161-165 |
| Nigeria: NG | 2G-A1 | 5G-E5 | 1-2-3-4-5-6-7-8-9-10 11-12-13 | 52-56-60-64-149-153-157-161-165 |

| Country and Code | Outdoor Power Table 2.4-GHz | Outdoor Power Table 5-GHz | Supported Channels 2.4 GHz | Supported Channels 5 GHz |
|-----------------------------------|--------------------------------|------------------------------|------------------------------------|---|
| Oman: OM | 2G-E | 5G-E | 1-2-3-4-5-6 7-8-9-10-11-12-13 | 100-104-108- 112-116-132-136-140 |
| Pakistan: PK | 2G-A1 | 5G-E7 | 1-2-3-4-5-6-7-8-9-10- 11 | 149-153-157-161 |
| Panama: PA | 2G-A | 5G-B2 | 1-2-3-4-5-6-7-8-9-10-11 | 36-40-44-48-52-56-60- 64-100-104-108-112- 116-120-124-128 132-136-140-149-153-157-161-165 |
| Paraguay: PY | 2G-A | 5G-Z1 | 1-2-3-4-5-6-7-8-9-10- 11 | 36-40-44-48-52-56-60- 64-100-104-108-112- 116-120-124-128- 132-136-140-149-153-157-161-165 |
| Peru: PE | 2G-A | 5G-A | 1-2-3-4-5-6-7-8-9-10- 11 | 56-60-64-100-104-108 112-116-132-136-140- 149-153-157 161-165 |
| Philippines: PH | 2G-E | 5G-A7 | 1-2-3-4-5-6-7-8-9-10- 11 | 36-40-44-48-52-56-60-64 100-104-108-112-116-120-128-136 140-149-153-157-161-165 |
| Qatar : QA | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10 11-12-13 | 100-104-108-112-116 132-136-140 |
| Rest of the World (Default) | 2G-RW | 5G-RW | 1-2-3-4-5-6-7-8-9-10 11-12-13 | — |
| Saudi Arabia: SA | 2G-E | 5G-M1 | 1-2-3-4-5-6-7-8-9-10 11-12-13 | 100-104-108-112-116 120-124-128-132-136-140 |
| Serbia: RS | 2G-E | 5G-E | 1-2-3-4-5- 6-7- 8-9-10-11-12-13 | 100-104-108- 112-116-132-136-140 |
| Singapore: SG | 2G-V1 | 5G-M3 | 1-2-3-4-5-6-7-8-9-10 11-12-13 | 36-40-44-48-52-56-60-64 116-120-124-128- 132-136-140-144 149-153-157-161-165 |
| Slovak Republic: SK | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10 11-12-13 | 100-104-108-112-116- 132-136-140 |

| Country and Code | Outdoor Power Table 2.4-GHz | Outdoor Power Table 5-GHz | Supported Channels 2.4 GHz | Supported Channels 5 GHz |
|--------------------------|--------------------------------|------------------------------|-------------------------------|---|
| South Africa: ZA | 2G-E | 5G-Z | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 100-104-108-112-116-132-136-140-149-153-157-161-165 |
| Sudan: SD | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140 |
| Taiwan: TW | 2G-Z | 5G-B | 1-2-3-4-5-6-7-8-9-10-11 | 36-40-44-48-52-56-60-64-100-104-108-112-116-120-128-132-140-144-149-153-157-161-165 |
| Thailand: TH | 2G-E | 5G-M3 | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-116-120-124-128-132-136-140-149-153-157-161-165 |
| Trinidad: TI | 2G-A1 | 5G-M2 | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 100-104-108-112-116-124-128-132-136-140 |
| Tunisia: TN | 2G-E | 5G-C1 | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 100-104-108-112-116-132-136-140 |
| Turkey: TR | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 100-104-108-112-116-132-136-140 |
| Ukraine: UA | 2G-E | 5G-E8 | 1-2-3-4-5-6-7-8-9-10-11-12-13 | — |
| United Arab Emirates: AE | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 100-104-108-112-116-132-136-140 |
| United Kingdom: GB | 2G-E | 5G-E1 | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 100-104-108-112-116-132-136-140 |
| Uruguay: UY | 2G-A | 5G-A8 | 1-2-3-4-5-6-7-8-9-10-11 | 56-60-64-100-104-108-112-116-132-140-149-153-157-161-165 |
| Venezuela: VE | 2G-A | 5G-A8 | 1-2-3-4-5-6-7-8-9-10-11 | 36-40-44-48-52-56-60-64-149-153-157-161-165 |
| Vietnam: VN | 2G-V1 | 5G-M2 | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 52-56-60-64-100-104-112-116-124-128-132-136-140-153-157-161-165 |

| Country and Code | Outdoor Power Table | Outdoor Power Table | Supported Channels | Supported Channels |
|------------------|---------------------|---------------------|-------------------------------|---|
| | 2.4-GHz | 5-GHz | 2.4 GHz | 5 GHz |
| Yemen: YE | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140 |
| Zimbabwe: ZW | 2G-E | 5G-E | 1-2-3-4-5-6-7-8-9-10-11-12-13 | 36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140 |

Configuring Country Code for Rest of the World (CLI)

This configuration is mandatory for the RoW.

Follow the procedure given below to configure the country code.

Before you begin

- Before configuring the country code in the AP profile, ensure that the country is present in the global country list. If the configured country code is not present in the global list, the AP retains the previous country code configuration. In addition, the misconfigured operation triggers a default flag and brings the radio operations down.
- If the configured country code does not match with the regulatory domain of one or more radio slots, the AP retains the previous country code configuration. In addition, the misconfigured operation triggers a default flag and brings the radio operations down.
- When a country is configured in an AP profile, a per AP country configuration on an AP mapped to that profile is not allowed.

Procedure

| | Command or Action | Purpose |
|---------------|---|--|
| Step 1 | configure terminal Example: Device# configure terminal | Enters global configuration mode. |
| Step 2 | ap profile <i>ap-profile</i> Example: Device(config)# ap profile default-ap-profile | Configures an AP profile and enters AP profile configuration mode. Note The Cisco Embedded Wireless Controller (EWC) supports only the default AP profile. |
| Step 3 | country code Example: | Sets the country code. Use the no form of this command to delete the country code. |

| | Command or Action | Purpose |
|---------------|--|---|
| | Device(config-ap-profile)# country IN | Note From Cisco IOS XE Bengaluru 17.6.1, the ap country code command was modified. The ap keyword was removed. The modified command is country code . |
| Step 4 | end Example: Device(config-ap-profile)# end | Returns to privileged EXEC mode. |
| Step 5 | show ap profile name default-ap-profile detailed Example: Device# show ap profile name default-ap-profile detailed AP Profile Name : default-ap-profile Description : default ap profile . . . Country code : IN | Displays the AP country code for the AP join profile. If a country is not configured in the AP join profile, the country code will be displayed as "Not configured". The regulatory domain of RoW APs will be displayed as ROW. |