



# Dynamic Frequency Selection and IEEE 802.11h Transmit Power Control

---

Dynamic Frequency Selection (DFS) is the process of detecting radar signals that must be protected against 802.11a interference, and upon detection switching the 802.11a operating frequency to one that is not interfering with the radar systems. Transmit Power Control (TPC) is used to adapt the transmission power based on regulatory requirements and range information.

## Configuration Information

Configuration information is included in the “Configuring Radio Settings on an Access Point” chapter in the *Cisco IOS Wireless LAN Configuration Guide*, Release 12.4T, at the following URL:

- [http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tgc/twlr\\_c/index.htm](http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tgc/twlr_c/index.htm)

## Command Reference Information

Command reference information is included in the *Cisco IOS Wireless LAN Command Reference*, Release 12.4T, at the following URL:

- [http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tcr/twlr\\_r/index.htm](http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tcr/twlr_r/index.htm)

## New or Modified Commands

The following command is new for this feature:

- **dfs band block**

## List of All Release 12.4T Commands

An alphabetical list of all Cisco IOS Release 12.4T commands is in the *Cisco IOS Master Command List*, Release 12.4T, at the following URL:

- [http://www.cisco.com/en/US/docs/ios/mcl/124tmcl/124t\\_book.html](http://www.cisco.com/en/US/docs/ios/mcl/124tmcl/124t_book.html)

## List of All New, Modified, Removed, and Replaced Release 12.4T Commands

Alphabetized lists of all new, modified, removed, and replaced commands for each Cisco IOS Release 12.4T release are in the *Cisco IOS New, Modified, Removed, and Replaced Commands*, Release 12.4T, document at the following URL:

- [http://www.cisco.com/en/US/products/ps6441/products\\_product\\_index09186a00805db026.html](http://www.cisco.com/en/US/products/ps6441/products_product_index09186a00805db026.html)

