



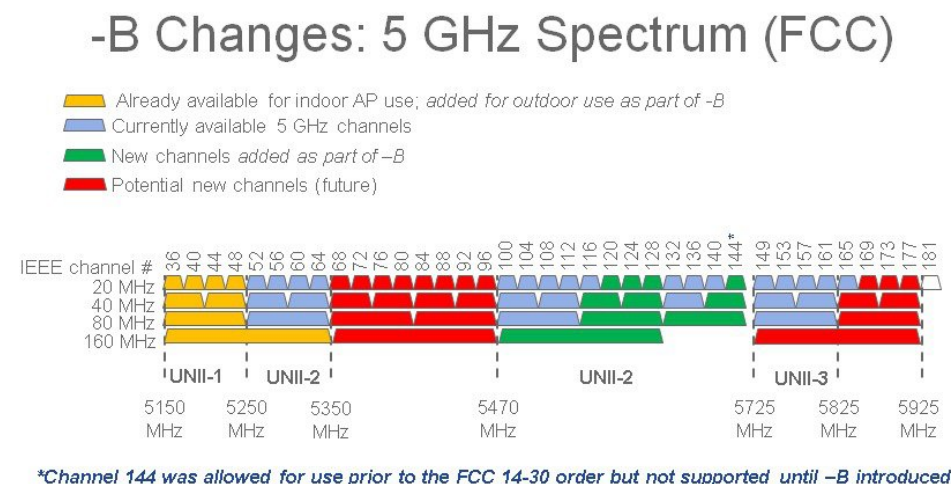
New-B Regulatory Domain for US Theater

Recent changes in United States FCC rules requires shifting products from -A domain to -B domain effective June 2, 2016. Access Points using -A domain can continue to operate in the US after the June deadline but all new access points being manufactured or sold after June 2 must be -B domain.

Following is a summary of new FCC rules (FCC Order 14-30) require:

- U-NII 1 band (5150-5250 MHz) is now allowed for outdoor use. (+4 channels)
- In the U-NII 1 band (5150-5250 MHz) the allowed TX power level is increased to 1W (for indoor, outdoor, point to point) with extreme restrictions on EIRP above 30-degree horizon when used outdoors
- The Terminal Doppler Weather Radar (TDWR) bands (channels 120, 124, 128) are re-opened with new test requirements for Dynamic Frequency Selection (DFS) protection. (+3 channels)
- New power spectral density and above/below band edge emissions requirements for U-NII3 (5.725-5.85 GHz)

Figure 1: Spectrum chart depicting new channels in the -B domain



Cisco is aggressively implementing this new FCC order:

- Cisco WLAN products will comply with new FCC rules

- Orderability Plans for -B domain SKU's
 - Recent new AP series already support -B and are orderable; all new AP series going forward will support -B at FCS; many AP series already have -B orderable as well
 - Sales of -A and UX SKU's to US will start to be restricted starting May 1, 2016
- Software upgrade is required to support -B domain AP's
 - US customers who do not plan to deploy -B AP's are not required to upgrade software; however, they will need to upgrade when they plan to deploy -B AP's after the June FCC deadline
 - -A and -B domain AP's can coexist in the same network without issues
- RMA's after June deadline of a -A unit will get a -A in return

General thoughts concerning compliance as it relates to the AP 2800 and AP 3800:

- For US customers the "-B" domain is now used for AP 3800. US customers should not order the -A domain for US based customers. Other countries that use "-A" are unchanged. This change only applies to the US. This new "-B" domain supports the new channels and transmit powers allowed in the US.
- Customers are responsible for verifying approval for use in their individual countries. To verify approval that corresponds to a particular country or the regulatory domain used in a specific country, visit <http://www.cisco.com/go/aironet/compliance>
- Not all regulatory domains have been approved. As they are approved, the part numbers will be available on the Global Price List.