Update on U-NII Test Procedures

for

802.11ax and DFS

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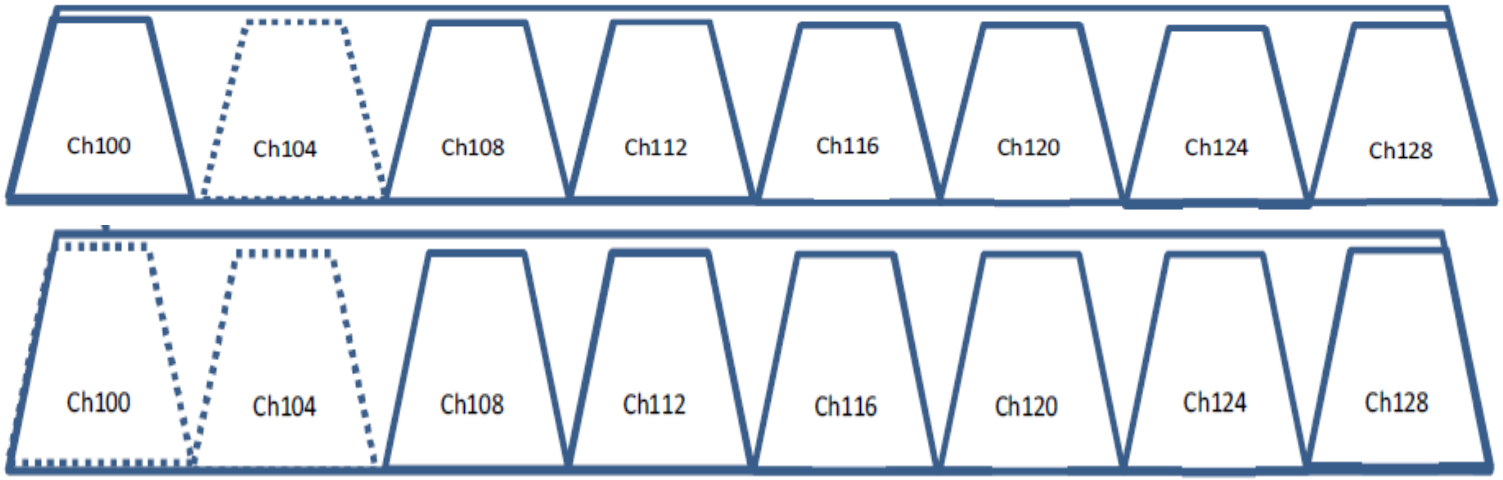
Channel Puncturing

- 802.11ax allows for 80 MHz or 160MHz channels to notch a 20 MHz portion of its operating bandwidth when radar detected within that 20 MHz slice of spectrum.
  - Verify channel closing and move times when a 20MHz channel sees radar. Repeat for a second 20 MHz



“Zero Wait DFS”

- Manufacturer must:
  - Clearly describe the procedures with “back-up monitoring”
  - declare off-channel CAC time (cannot be less than 60 seconds).

❖ Configure device to transmit on typical radar channel. Off-channel CAC must be monitored on a different DFS channel. Use radar type 0 to verify that radar is detected on the off-channel during the manufacturer declared CAC time. Similar to procedures in EN 301 893