U-NII Rulemaking Supplemental Information April 9, 2014

Laboratory Division

FCC

Tentative Plans for KDB Updates

- Revised U-NII Rules in FCC 14-30 will require updating several KDB Guidance documents

- Tentative plans to issue some revised documents for comments

- Finalize documents after comments – target around the time rules become effective

KDB Guidance Documents – Update Plans (1)

- KDB 905462 – Procedures for DFS Compliance
  - New test patterns
  - Loading requirements
  - Sensing threshold requirements
  - Test configurations
  - Test mode requirements (currently in KDB 594340)
- KDB 848637 – Procedures for U-NII-2A,C Client Devices
  - Consider consolidating two KDBs
  - Update guidance for ad hoc and peer-peer modes
  - Review procedures for devices which are initially approved as clients and then approved as master

KDB Guidance Documents – Update Plans (2)

- KDB 789033 – U-NII Device EMC Test Procedures
  - Update to reflect new bands and emission levels
  - Review for consistency with the rules
  - Power requirements for new U-NII-1 outdoor emission standards
- KDB 594280 – Software Configuration Guide
  - Security requirements for all U-NII devices
  - Guidance for peer-peer communications in all U-NII bands
  - Client and Master Security requirements

KDB Guidance Documents – Update Plans (3)

- KDB 178919 – Permissive Change Procedures (tentative)
  - Guidance on transition rules and permissive change options during different periods (date of effective rules, + one year, + two year, beyond)
- KDB 388624 – Permit-but-ask List
  - List of devices subject to test
  - List of devices requiring FCC review
- KDB 634817 – Grant Listing
  - Guidance on listing bands for different configurations and transitions

KDB Guidance Documents – Update Plans (4)

- Following KDBs also need review for any changes or updates
  - KDB 443999 – Interim Guidance
  - KDB 558074 – DTS Test Procedures
  - KDB 996369 – Modular Devices
  - KDB 644545 – Guidance for IEEE 802.11ac
  - KDB 662911 – MIMO Devices
  - RF Exposure Related KDBs