U-NII Device Security and Software Configuration Control

April 14, 2015

U-NII Device Security KDB Pub 594280 D02

- KDB 594280 D02 was revised to address security implementation concerns and third-party access.
  - General description is about the software as a whole, not about RF parameters.
  - Authentication and verification protocols must be described in detail, including encryption.
  - Need to demonstrate how device is protected from "flashing".
- Revision also clarifies requirements for modules.
  - Module grantee must ensure that host manufacturers meet all software security requirements for U-NII devices.

U-NII Device Security (cont.)

- U-NII SDR Devices
  - Must address selected security questions in KDB 594280 D02, in addition to questions in KDB 442812.
  - All application purposes must address both KDB Publications.

- General observations
  - All questions must be answered and descriptions must be provided. A simple yes/no is not acceptable. If a specific question does not apply you must provide justification.
  - All application purposes must include security information (i.e. original, permissive changes, etc…)

General observations

- Software Security document must be in the operational description or software exhibit, preferably as a separate document (See ft. 4)