CITIZENS BROADBAND RADIO SERVICE DEVICES (CBSDs)
Part 96
(KDB Publication 940660)

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CBSD testing with authorized SAS
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Devices may use SAS emulator developed by Wireless Innovation Forum (WInnForum) to show compliance
- Test Harness software available on Github
- Test Laboratory must be recognized by WInnForum
- §96.39(g) Device security
  - WInnForum test specification includes procedure for generation of PKI certificates by test lab and manufacturer

Devices not using WInnForum protocol
- Identify specific SAS used to demonstrate compliance in PAG
CBSD Equipment Class

CBSD
- Equipment class CBD
  - Category A, Category B
  - A device that can operate as either a Category A or Category B device may be certified under a single FCC ID and would be subject to the limits of a Category B CBSD and professional installation

End User Device
- Equipment class CBE

Customer Premise Equipment (CPE)
- Rules do not define a category for CPE
  - CBSD – device operation coordinated by an authorized SAS
  - End User Device – device authorized and controlled by authorized CBSD
CBSDs and End User Devices

CBSDs and End User Device are on the PAG list
- CBSDs will require sample testing at the FCC LAB

§96.47 - End user device additional requirements
- Required to demonstrate the capability to transmit only after receiving authorization from a CBSD
  • Currently no authorized CBSDs to assist demonstrating this
- Devices initially authorized without LTE Band 48 may be authorized for operation under Part 96 rules if they comply with the permissive change rules (KDB Publication 178919).