Citizens Broadband Radio Service Devices
Change in how CBDs can be filled

- Category A/B allowed under one FCC ID
  - Previously separate FCC IDs required for Cat A/B
    - Burden on manufacturers who have identical HW within devices and only difference would be in SW or ANT gain.
  - Allow for more flexibility in filing for industry
  - Dependent on CPIs providing accurate information at time of install

Removing Part 96 devices (CBD/CBE) from PAG list
1) FCC device certification allows a common FCC-ID to be shared among multiple CBSDs configured with the same power amplifier (PA) but with different antennas including those that fall under Cat A and Cat B classification.

- The EAS database shows the maximum EiRP for all antenna combinations.
- So, if a CBSD certification shows a max EiRP higher than 30dBm it means the CBSD has at least one Cat B configuration and should be always installed by CPI even if it uses a lower gain antenna.
- If a CBSD certification shows a max EiRP of less than or equal to 30dBm the CBSD can be registered as Cat A.
2) A SAS should only accept a self-registration from CBSD, i.e. without a CPI, for indoors or less than 6-meter antenna height outdoors deployment if it can verify that:

- CBSD is Cat A and capable of geo-location meeting part 96.39 rules as verified during device certification.
- This verification should be consistent and follow a process defined by industry forum, e.g. Winn Forum or CBRS Alliance.
3) In all cases involving CPI, the maximum EiRP of the CBSD and hence its A/B category should be verified by the CPI.

- The calculation of max EiRP of the CBSD by the CPI should be based on maximum, non-adjusted, conducted power of the PA as used for OOBE testing in the certification of the CBSD’s as well as the antenna gains and cables/splitters losses used in the deployment.

- If CPI verifies that the maximum EiRP is at or below 30dBm, the CBSD may be treated as Cat A and be deployed indoors.

- Note that this includes scenarios where a certified Cat B CBSD is used with lower gain antenna as Cat A indoors or a certified Cat B/Proxy system is used in a passive DAS deployment where each antenna is transmitting at 30dBm or lower.