



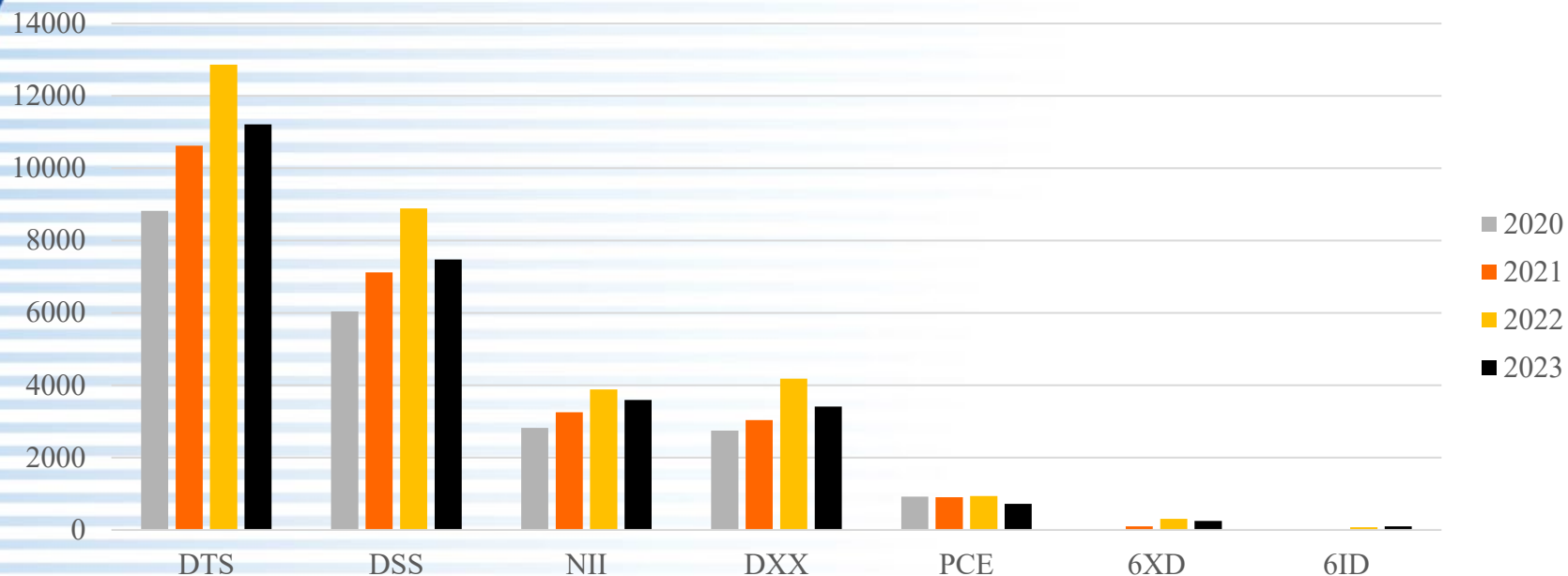
TCB Surveillance

Laboratory Division Office of Engineering and Technology

Note: The views expressed in this presentation are those of the authors and may not necessarily represent the views of the Federal Communications Commission.



Certification Trend by Equipment Class



DTS: Bluetooth 4.0, Zigbee, 2.4 GHz WiFi type devices

DSS: Bluetooth & frequency hopping type devices

NII: 5 GHz WiFi

DXX: Other unlicensed transmitter devices

PCE: Personal Communication Devices held to ear such as cell phones

6XD: Indoor client

6ID: Indoor AP



2023 Surveillance Summary

- 33,925 equipment authorizations from January 1st to December 31, 2023.
- 39 TCBs.
- 3 TCBs had 1 or less filings
- 1 TCBs did not meet market surveillance requirements on time.
- 2 TCBs incorrectly counted the total number of applications granted for 2023
 - 1 of these TCBs the miscalculation was irrelevant as it did not affect the 5% required testing.



Observations

- Overall improvement from previous year on submitting market surveillance on time and testing correct number of applications
- TCBs need to immediately notify grantee and FCC if a sample fails during audit process per KDB 610077 D01 Section F
- Almost all TCBs used the template provided in KDB 610077 D02.
 - This helps streamline the process when submitting and reviewing all the surveillance reports.
- Some surveillance report FCC information requests are not being responded to
 - If there is confusion on how to respond to these information requests submit a KDB inquiry with the concern.
- KDB 610077 D01 identifies a *minimum* sample rate of 5% for EMC/radio devices and 1 % for SAR
 - Many TCBs tested more then the required 5% for EMC/radio devices
- Number of equipment authorization decreased from previous calendar year.



Auditing applications for Covered Equipment Requirements

- OET Lab reviewers audit applications on an ongoing basis for overall compliance and to verify applications are not from a covered entity prohibited from receiving equipment authorization. Additionally, the applications are reviewed to verify the required attestations are present and the contents are accurate.
- Audits are performed for applications from all TCBs.
- Reviewers send out information requests to TCBs when information is missing, or additional details are required.