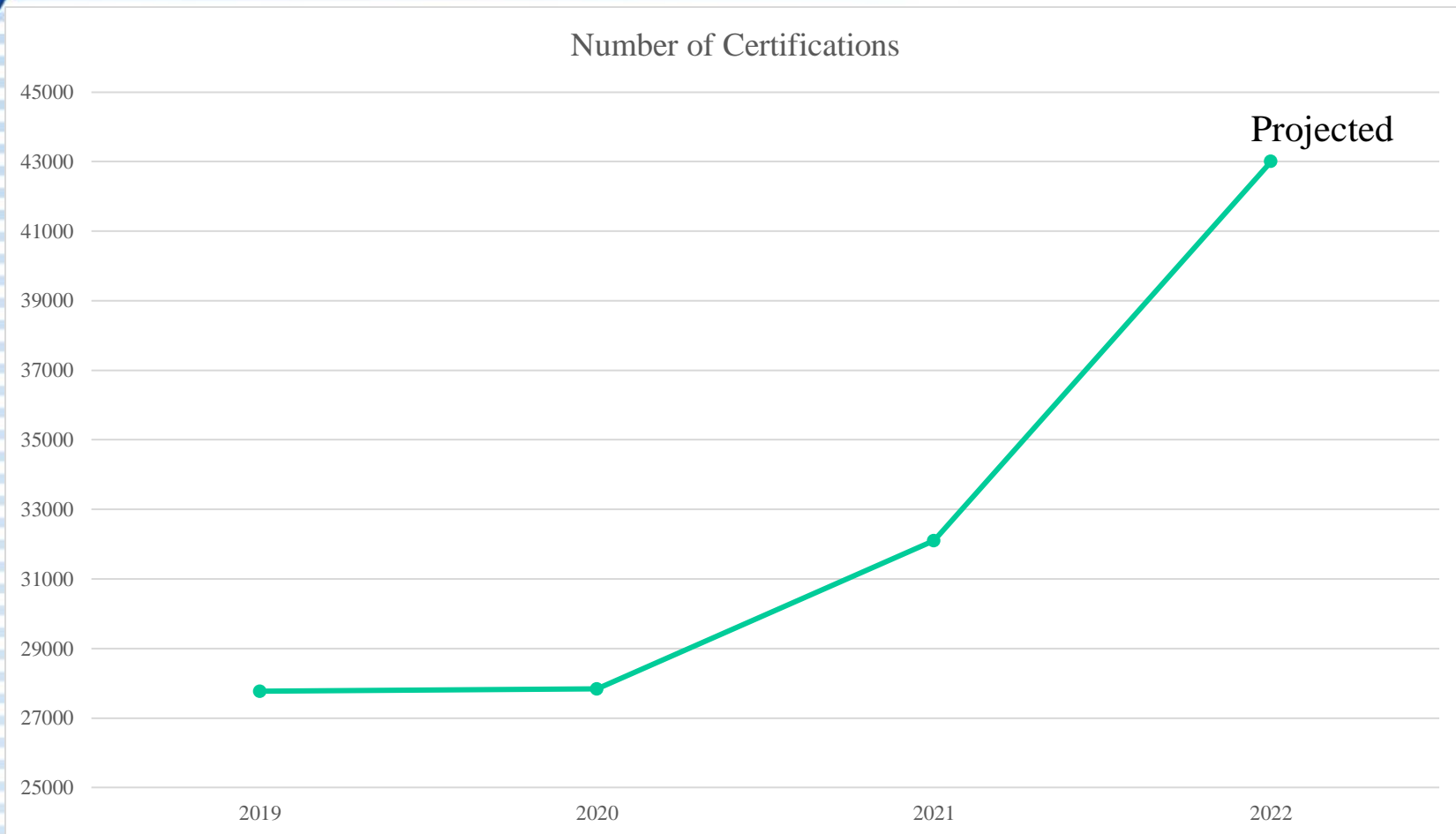# TCB Surveillance

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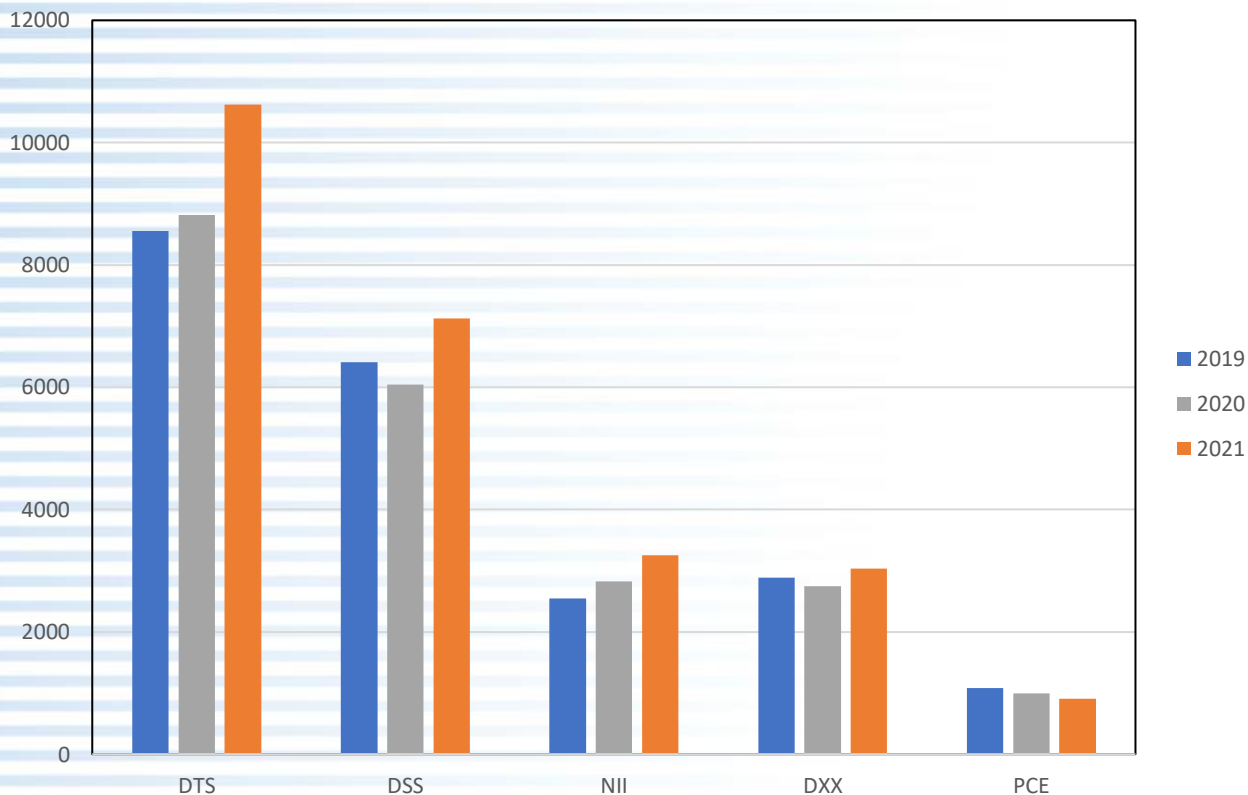
Certification Trend

Number of Certifications

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

April 27, 2022 TCB Workshop 3

2021 Surveillance Summary

- 32,100 equipment authorizations from January 1st to December 31, 2021.

- 42 TCBs.

- 2 TCBs had 0 filings

- 10 TCBs did not meet market surveillance requirements on time.

* Most TCBs will need to test more devices in 2022 so plan now!

OBSERVATIONS

❖ Samples not received and not tested do not count towards annual numbers. That is, sample requests for which grantee does not respond or unwilling to supply does not count towards the annual testing requirements.

❖ In cases where grantee does not respond or unwilling to supply sample the FCC must be notified immediately. Send KDB inquiry with details including copies of emails and records of phone calls. Use 1st category "TCB Surveillance" and 2nd category "Sample not Received". FCC will Defer grantee code. Do not wait until end of year.

❖ When a sample fails testing or comply with administrative requirements FCC must be notified immediately. Use 1st category "TCB Surveillance" and 2nd category "Non-compliant Devices". Do not wait until end of year.

❖ If grantee fails to send samples because they never produced or marketed the device let them know it needs to be dismissed. We will require a dismissal request KDB inquiry. Use 1st category "TCB Surveillance" and 2nd category "Dismissal Request".

- Dismissal correspondence signed and dated by grantee.
- Dismissal correspondence should indicate reason for dismissal as well as an attestation that the device has not been marketed or sold.

Continued…

- TCB should perform due diligence to make sure it has not been marketed before sending KDB inquiry requesting dismissal.

    Side note: We have noticed that dismissal requests are coming in for devices that are clearly being marketed not only on Amazon, Ebay and/or other online platforms and sometimes on the manufacturer website. Since last TCB conference call where this was discussed the requests for dismissals have dropped.

- ❖ Make sure surveillance summary report identifies the KDB inquiry number for each sample not received, samples that fail and dismissals.
- ❖ MPE calculations do not count towards SAR testing requirements.
- ❖ We are asking TCBs to use a common summary report (see next slides). We can make editable version of the template available under KDB Pub. 610077.

Summary Report Template - 1

SURVEILLANCE SUMMARY REPORT FOR xxxx (enter year) SURVEILLANCE YEAR

1. TCB Name: _____

2. Date report was generated: _____

3. Surveillance dates: _____

4. How many total application filings were granted in the surveillance year (includes composite filings (multiple applications) and permissive changes, change in identifier filings (see footnote 4 in KDB 610077)? _____

5. How many applications were required to be tested (5% of #4 above)? _____

6. How many EMC tests were performed (include tests for composites and permissive changes)? _____

    a. How many EMC test failures have been identified? _____
     i. How many EMC failures are still under investigation? _____
     ii. How many EMC failures are closed? _____

    b. How many Administrative issues (labelling, user info) have been identified? _____
     i. How many Administrative issues are still under investigation? _____
     ii. How many Administrative issues are closed? _____

7. How many total application filings were granted during the surveillance year with SAR testing? _____

    a. How many total devices were tested for SAR (1% of #7 above)? _____
     i. How many devices had SAR failures have been identified? _____
     ii. How many SAR failures are still under investigation? _____
     iii. How many SAR failures are closed? _____

8. List samples not received (list FCC IDs and associated KDB inquiry #s):

9. List dismissals (list FCC IDs and associated KDB inquiry #s):

Summary Report Template - 2

1. For samples received and passed complete the table below:

FCC ID	Equipment Class	Grant date	Test dates	Tests Performed	KDB # (if applicable)	Notes

Summary Report Template - 3

1. For samples received and failed complete the table below:

FCC ID	Equipment Class	Grant date	Test dates	Tests Performed	KDB #	Notes

Questions?

THANK YOU