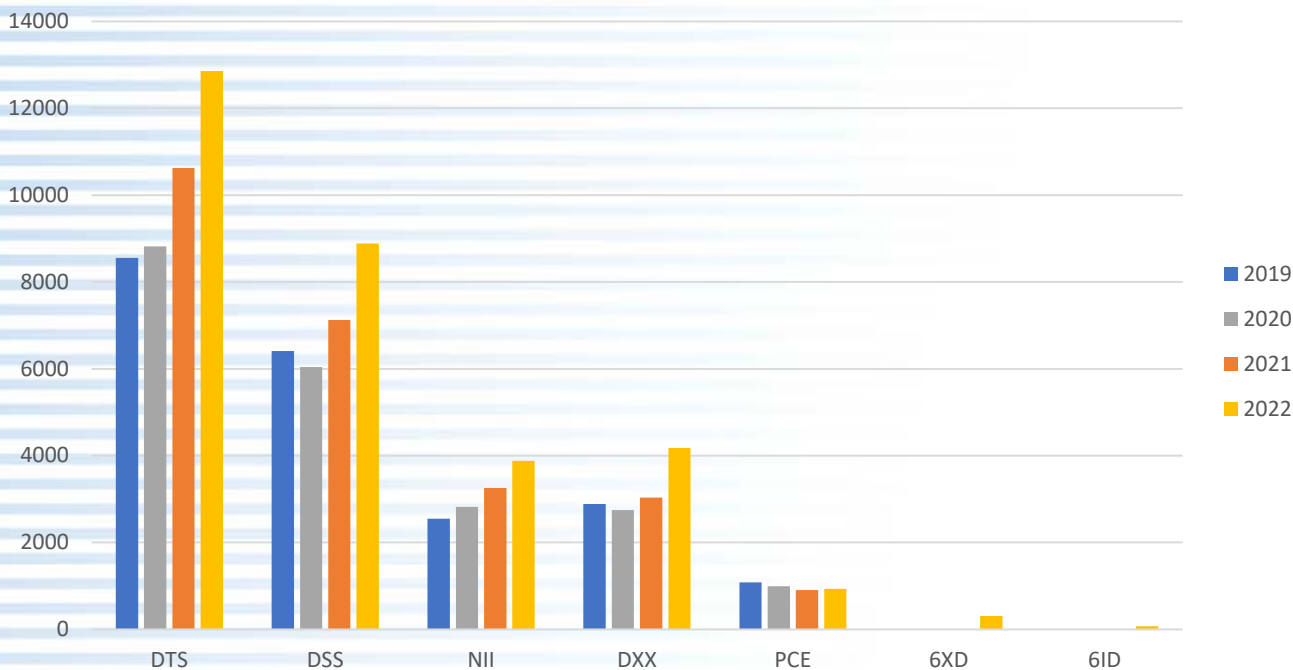# TCB Surveillance

Laboratory Division
Office of Engineering and Technology
Dusmantha Tennakoon

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

2022 Surveillance Summary

- 39,701 equipment authorizations from January 1st to December 31, 2022.

- 41 TCBs.

- 2 TCBs had 0 filings

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

- Some TCBs incorrectly counted the total number of applications granted for 2022

OBSERVATIONS

❖ Most TCBs used the summary report template provided by FCC. We highly recommend all TCBs to use this template.

❖ In some cases, failures are not followed up. For example, if a device submitted for surveillance does not have a label the TCB should follow up with the grantee and immediately notify the FCC. That is, was this just limited to the sample sent for surveillance or typical of all devices marketed and sold. If it is just limited to the surveillance sample we would like to see an attestation from grantee. This should be an attachment to the KDB inquiry initiated by the non-compliance.

  ❖ Note: we have purchased samples where the grantee had indicated the issue was only with the sample provided for surveillance. However, the purchased sample did not have the label either. In these cases we defer the grantee code.

❖ Some TCBs are not sending a KDB inquiry as soon as a non-compliance is found as documented in KDB 610077 D01 section F1.

❖ Not having the proper labels is becoming a major issue. See last workshop presentation regarding labels and what to look for.

Continued…

❖ When calculating total number of applications to audit (5% or 1%) make sure to round up (see KDB 610077 D01, section C5). For instance, if 5 % of your total applications for the year is 4.25 you need to round this up to 5. Therefore, you would need to test 5 applications and not 4.

❖ We are seeing duplicate summary reports being uploaded. We are not sure why. If you are having issues let us know and we can look into it.

❖ If you receive correspondence from us make sure to use the correct response procedures (see presentation 1.3-equipment authorization update)

Questions?

THANK YOU