



TCB SURVEILLANCE

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



Reminders

- 2024 Surveillance Year testing should be completed by December 31, 2024.
- 2024 Surveillance Year summary needs to be submitted to FCC by January 31, 2025.
- Reminder to use the summary report template provided by FCC.



Some Numbers

- 32,133 equipment authorizations from January 1, 2024 to September 30, 2024.
- 25,293 equipment authorizations for the same period in 2023.
- Based on projections, by the end of 2024 the total will be close to 42,000 equipment authorizations.
- The end of year total for 2023 was about 34,000 equipment authorizations.
- Increase in equipment authorizations expected for 2024.



Observations

- Some TCBs did not accurately track their number of grants in the calendar year resulting in an incorrect number of audits.
- 0 TCBs were late on submitting their surveillance report by 01/31/2024
- 4 TCBs granted 0 applications for 2023
- A few TCBs did not list the correct number of samples tested in the surveillance report table
- Reminder that if non-compliances during audits or inability to retain a sample from an applicant occur, the FCC should be notified immediately.



OET Lab In-house Testing

- We have increased our testing capabilities and plan on increasing it even further in the coming years.
- We have also increased the number of audits we perform each year and plan on increasing it even further for upcoming years
- These efforts primarily consist of lab testing, desk audits and RF system characterization to support the rulemaking.
- Acquire samples through various means:
 - Enforcement Bureau
 - Purchase directly from market
 - directly from grantee



OET Lab In-house Testing

● What we have seen so far:

- Differences between sample from grantee and sample purchased online
- Consumer FM transmitters over RF emission limits. Also, can be tuned outside of 88-108 MHz
- 15.231 device that exceeds the limit
- No labels or labels showing incorrect FCC ID
- 6 GHz APs not meeting requirements
 - Do not stop transmitting after detection of incumbents
 - Do not detect incumbents at the required -62 dBm



Questions?

THANK YOU