



Device-Specific RF Exposure KDB Inquiries

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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**



Overview

- Disclaimers
- Background Information
- Device-Specific RF Exposure KDB Inquiries
- Device-Specific KDB Inquiry Format



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- The guidance presented in these slides is preliminary and has not yet been incorporated into established FCC KDB Guidance publications



Background Information

- In 2023 the FCC OET Lab received thousands of KDB Inquiries. Answering inquiries requires significant FCC OET Lab time and resources.
- Many of these inquiries, particularly Device-Specific KDB Inquiries, do not contain enough background information to enable FCC OET Lab staff to provide relevant guidance.
- This results in numerous back and forth correspondence, increasing processing time.
- Numerous past FCC TCB Workshop presentations have been given on this issue but the requests for more informative Device-Specific KDB Inquiries have gone unheeded.



Device-Specific RF Exposure KDB Inquiries

- NEW GUIDANCE: When submitting an RF Exposure Device-Specific KDB Inquiries for the first time, the format on the following two slides should be used.
- NOTES:
 - This guidance is preliminary and subject to change.
 - Does not need to be used for inquiries not related to specific devices, such as inquiries dealing with policies, procedures, or existing guidance.
 - Initially this format will only be applicable to RF Exposure Device-Specific KDB Inquiries. May be applied to other areas such as EMC, HAC, DFS, etc. in the future.
 - It may be developed into a KDB Publication in the future.



Device-Specific KDB Inquiry Format

- KDB Inquiry Summary: Brief 1-2 sentence summary of the Device-Specific KDB Inquiry
- Background Information: Provide any relevant background information that is necessary to understand the inquiry. This includes any past, similar, or related KDB Inquiry Guidance given by OET. If making a test setup proposal, provide justification based on existing KDB Publications, past TCB Workshop guidance, and good engineering judgement.
- Statement of Inquiry: Briefly state the inquiry. “Is this OK?”, “How do I test this?”, “Does the FCC accept this?”, or similar are NOT valid inquiries.



Device-Specific KDB Inquiry Format (Continued)

- Device Information Checklist:
 - Device Description and Use Conditions
 - Photographs of Device
 - Device Dimensions and Antenna Locations
 - Transmission Capabilities and Conducted Powers (Tabular format preferred)
 - Duty Cycle Information
 - Power Reduction and Proximity Sensors
 - Time Averaged RF Exposure Mechanisms
 - User Manual (in English, if available)
- Additional Information (If Applicable)
- List of Attachments (If Applicable)



Questions?

Thank You!