HAC Update

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TCB Workshop
Jim Szeliga

FCC/OET
Laboratory Division
285076 D02 T-Coil testing for VoIP

- 285076 D01 HAC Guidance and D02 T-Coil testing for CMRS IP v02 are updated to clarify the exemption for T-coil testing for VoLTE and Wi-Fi calling.

- VoLTE exemption clarified –.
  - issues are resolved
    - Average speech levels have been defined.
    - Base station simulators are now available supporting audio call simulation over LTE air interfaces.
    - In addition, handsets tested for VoLTE no longer require PAG.

Handsets supporting VoLTE:
- VoLTE T-coil testing does not require a PAG
- Manufacturers will have the option to exclude testing until January 2018 (FCC 15-285).

Handsets supporting Wi-Fi calling:
- Wi-Fi Calling is CMRS based Telephone Services over Internet services using Wi-Fi access.
- Manufacturers will have the option to exclude testing until January 2018 (FCC 15-285).
- Manufactures can test prior to January 2018- requires a PAG.

Handsets with pre-installed support of OTT phone services are not required - until January 2018.
- Google talk, Yahoo Messenger (Internet Low Bitrate Codec), WebRTC (Opus, Skype (SILK), IETF RFC 6716, H.263 and H.264, etc.
- Manufacturers will have the option to test prior to January 2018- requires a PAG.
Applicants Testing T-Coil for Voice over IP

For testing Wi-Fi calling or OTT, a PAG is required
  – An attestation defining the specific details of the service must be provided.
  – A description of the Vo over Wi-Fi T-coil test set up.
  – Specify all the test equipment used, including manufacturer and model numbers.
  – Software used to simulate servers.
  – Voice Codecs tested and how they relate to the targeted telephone service. If certain codecs are not tested include a justification.
  – Specify the basis for using the test levels for the voice calls.
Applicants excluding T-Coil Testing for Voice over IP

Table Appendix B of D01: associated with M and T-coil air interface measurement “No associated T-coil measurement has been made in accordance with the guidance issued by OET in KDB publication 285076 D02 T-Coil testing for CMRS IP”.

Grant Note HC is to be used for all CMRS air interfaces tested: “This equipment complies with the hearing aid compatibility technical requirements of Section 20.19 of the rules.”

Note: the grant note HX is no longer required.

Grant comment: Manually add the additional grant comment: “Some T-Coil tests have not been performed as permitted by the Commission policy.”

Appropriate disclosure, as required by the rules, must be included in the user’s manual or inserted in accordance with the requirements of Section 20.19(f)(2)(i).
Questions and Answers

Thanks!