



HAC Update

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TCB Workshop
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T-coil Testing and Test Instrumentation (update)

- Instrumentation is available for VoLT and Handsets are being rated for T-Coil.
- Other telephone services (CMRS Wi-Fi hand-off) have not been rated because definition of call set up cannot or will not be defined.



HAC T-Coil Review (Recap)

- HAC rated mobile handsets fall under 20.19 using C63.19 testing standard.
- Extending CMRS phone service over non-licensed Wi-Fi Bands still falls under the disability ACT and must be hearing aid compatible (i.e. 20.19).
- For protocols not listed in ANSI C63.19-2011 – section 7.4.2.1 the Reference input level not listed in table 7.1 (i.e. CDMA GSM, WCDMA) must be defined for that air interface (i.e. by the manufacture).
- Base station simulator method (C63.10 section 7.3.2) is used to put the handset into simulated call conversation mode and then tested using the defined codecs , audio signal at the normal speech input level (i.e. defined by the manufacture through the CMRS Provider).
- If the audio codecs and normal speech input level cannot be provide. It cannot be tested.
- Alternatives like 7.3.3 Manufacturer’s test mode method or other proposals are encouraged, but so far none have been proposed. We are open for recommendations.



Questions and Answers

Thanks!