Hearing Aid Compatibility

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Hearing Aid Compatibility

- Hearing aids are rated for interference rejection.
- Phones are rated for EMI generated and quality of desired signal in T coil mode.
- Sum of hearing aid and phone rating gives measure of performance for the pair.
Hearing Aid Compatibility — Device Certification

- Test results initially should be submitted with certification of phone receiving a HAC rating.
- Certifications should be filed with the FCC for the interim.
- TCB procedures are being considered.
Hearing Aid Compatibility

- C63.19 provides testing procedures.
- C63 is currently voting to change the standard with the intent to:
  - Help relieve design and test burdens when the intent of the standard is not compromised.
  - Clarify procedures lacking critical detail.
  - Clarify procedures with confusing wording and order.
Hearing Aid Compatibility—Main Proposed Change

Clause 5—Hearing Aid Near-Field RF Immunity Test-- Use of 1 axis rotator

Clause 6 –Wireless Device Audio Band Magnetic Signal Test
- One arbitrary located point for each of 3 polarizations replaces 5 circular located points of measurement of the magnetic signal.
- “A weighting” of noise
- Input power rather than acoustic output to set the level of the test signal.

Clause 7  Performance --Changes to the Articulation Weighting Factor
More details of the proposed change can be found in the supplemental file provided.

The proposed standard can be viewed at WWW.C63.org.