



Hearing Aid Compatibility KDB 285076

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Office of Engineering and Technology
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Note Code HX for Data Modes

- HX Note code must be applied under the following conditions:
 - The current rules now permit handsets to be rated for HAC compliance that also support voice capability in other air interfaces/bands not defined in C63.19-2007
 - Manufacture must disclose to users that all air interfaces/bands that have not been tested to indicate that the handset is capable of supporting other voice-capable interfaces that have not been HAC rated.
 - A handset has the capability to support voice over an air interface/band if :
 - is built into the handset as manufactured,
 - available as an additional application, or
 - could be enabled through a third-party application, whether or not such application is currently commercially available.
 - Only air interfaces/bands that do not have the ability for an application to use the ear piece and microphone for voice communications are considered not voice capable.



Test report

- A list of all air interfaces
- Air interfaces/frequency bands defined in ANSI C63.19-2007 and HAC Rated and note on report:
 - if *de minimis* exception applies if manufacturer has 750 or more employees and if the GSM air interface in the 1900 MHz Band was tested using the option to reduce the power to obtain the HAC Rating.
- List air interfaces/frequency bands for HAC rated phones that have not been tested and note on report:
 - support s voice
 - simultaneous transmission mode with HAC tested Voice modes;
 - Concurrent transmitter mode (single transmitter) with HAC tested Voice modes;



HAC Misc. Topics

- Disclosure Language requirement (DA 10-2353) effective date March 8, 2011
 - For handsets that meet hearing aid compatibility requirements over all air interfaces and frequency bands for which hearing aid compatibility technical standards have been established, but that are also capable of supporting voice operations in any new frequency band or air interface for which such standards do not exist, the following disclosure language be clearly and effectively conveyed to consumers wherever the hearing aid compatibility rating for the handset is provided, including at the point of sale and on company websites:
 - “This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.”
- Public Notice requesting comments on the HAC rules (DA 10-2388) Dec. 28, 2010 – Comment period closed; staff review in progress
- Manufacturer reporting requirements – July 15, 2011



Questions and Answers

Thanks!