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April 6, 2007

VIA E-Mail

Mr. William Hurst
Technical Research Branch Chief
Office of Engineering and Technology Laboratory Division
Federal Communications Commission
7435 Oakland Mills Road
Columbia, Maryland 21046-1609

Re: WT Docket No. 01-309
Ex Parte Presentation

Dear Mr. Hurst:

On behalf of the Alliance for Telecommunications Industry Solutions' Incubator Solutions Program #4 – Hearing Aid Compatibility (AISP.4-HAC), attached herewith is additional information from the AISP.4-HAC's CDMA vocoder testing.

A copy of this letter and attachment are being submitted for inclusion in the above-referenced docket. If you have any questions regarding this matter, please do not hesitate to contact the undersigned.

Sincerely,

Thomas Goode
General Counsel

Attachment

Alliance for Telecommunications Industry Solutions
Incubator Solutions Program – Hearing Aid Compatibility (AISP.4-HAC)

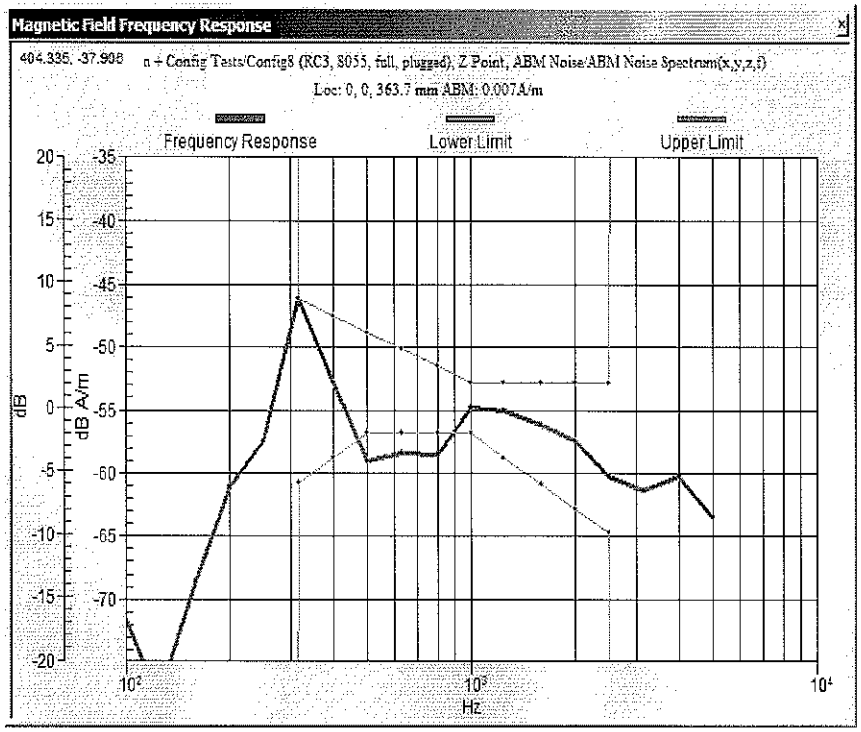
ABM2 Investigation Additional Data

April 4, 2007

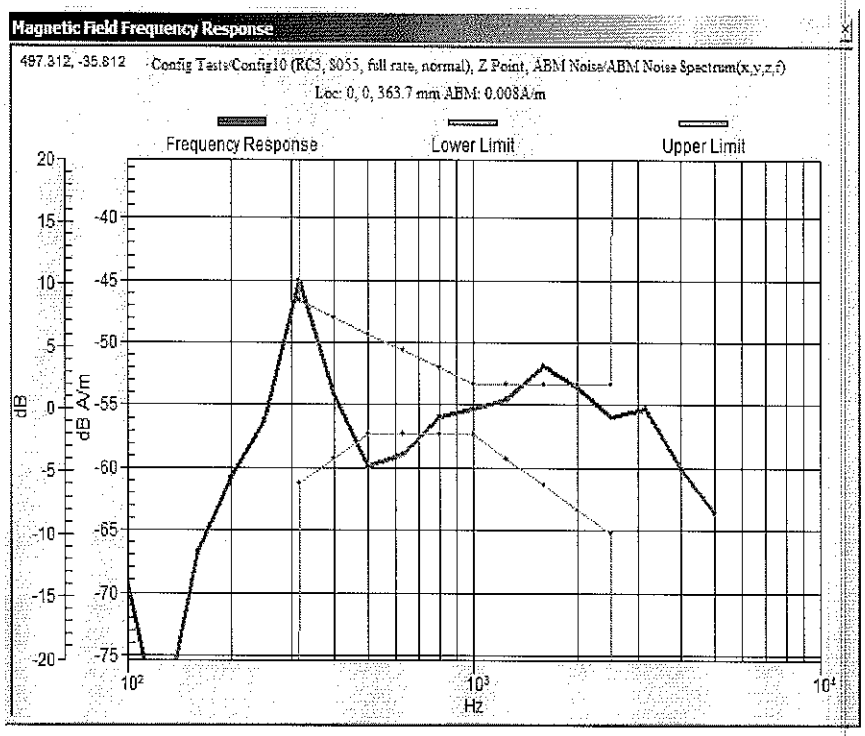
Additional Data

- As requested by the FCC in the March 15th meeting, the following slides provide additional data of the measurements that were performed to determine the effect of different RC/SO configurations and test environments have on the CDMA 2000 ABM2 T-Coil performance.
- These two test modes (RC3 SO55 and RC1 SO2 ¼ vocoder rate) were performed using an Agilent 8960 Communication Call Box, these modes are not available with the R&S CMU 200 Call Box, which is used for the ABM1 measurements.

Experiment Results

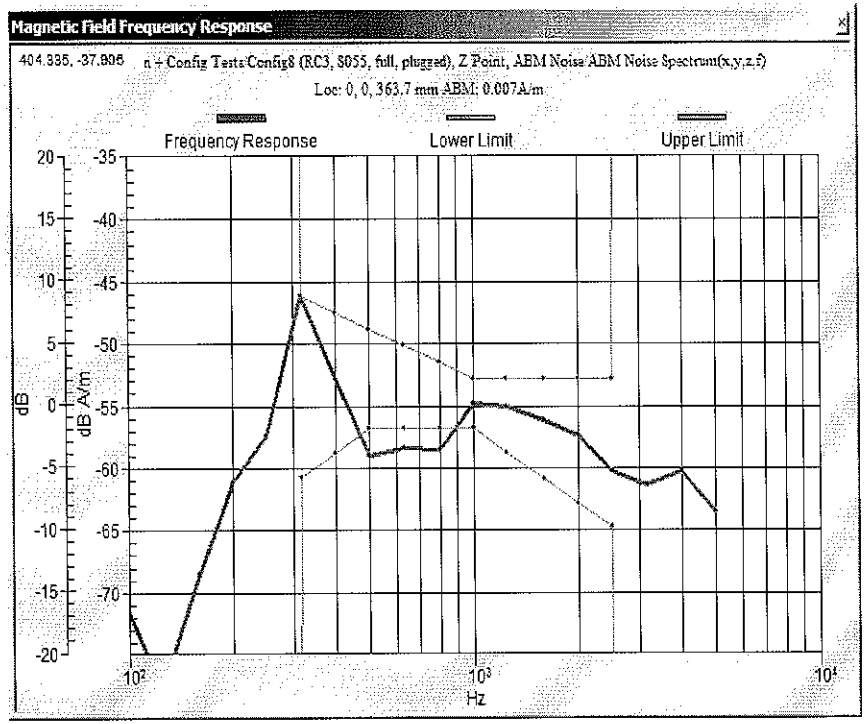


RC3, SO55, microphone aperture plugged
*red limit lines are meaningless
*scale reference is different

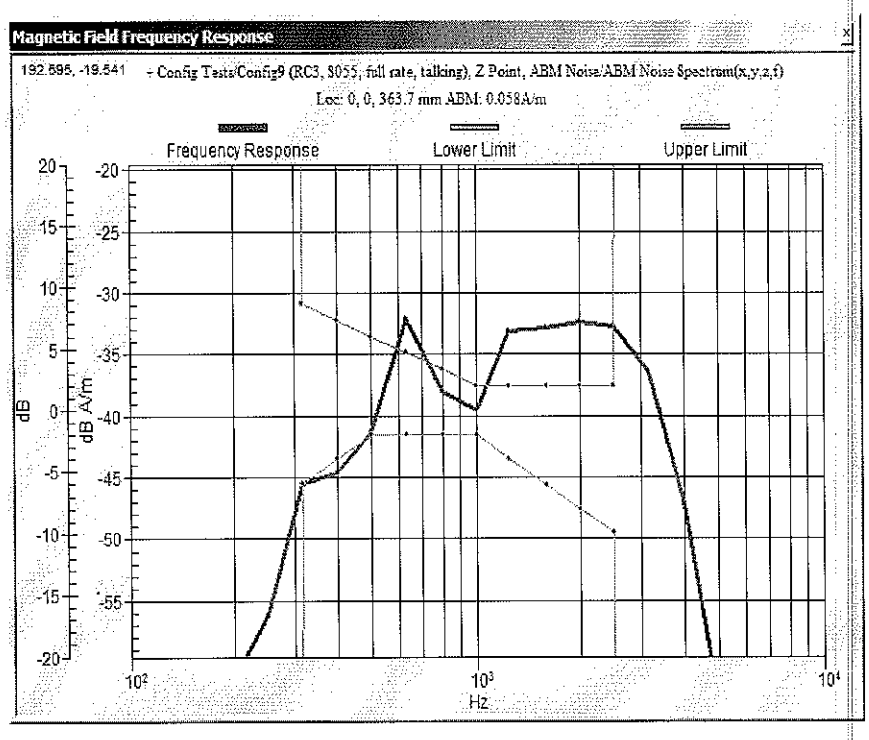


RC3, SO55, normal laboratory background noise
*red limit lines are meaningless
*scale reference is different

Experiment Results

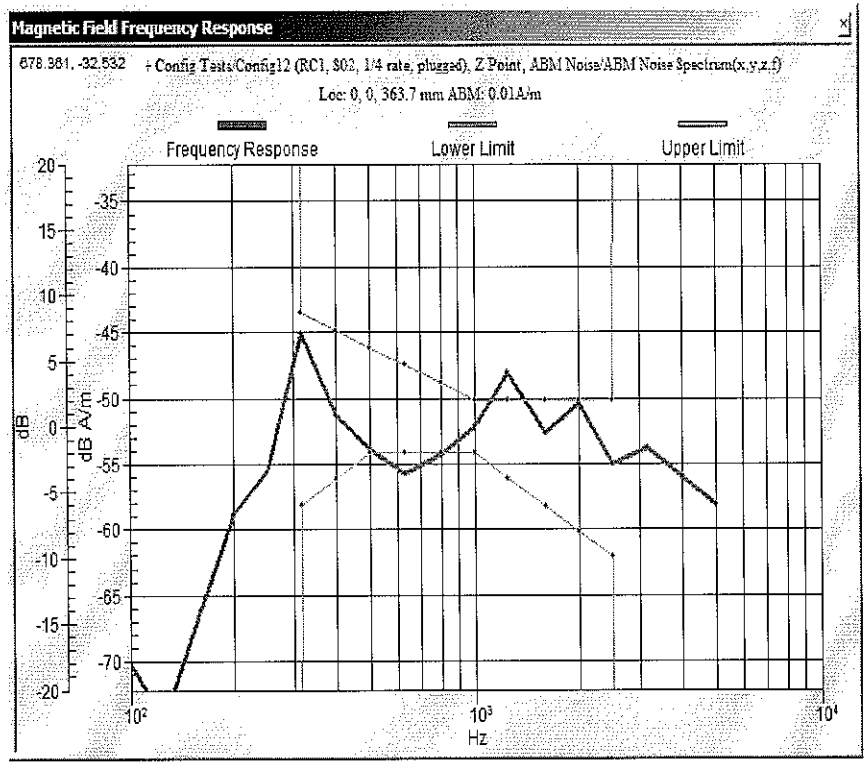


RC3, SO55, microphone aperture plugged
*red limit lines are meaningless
*scale reference is different

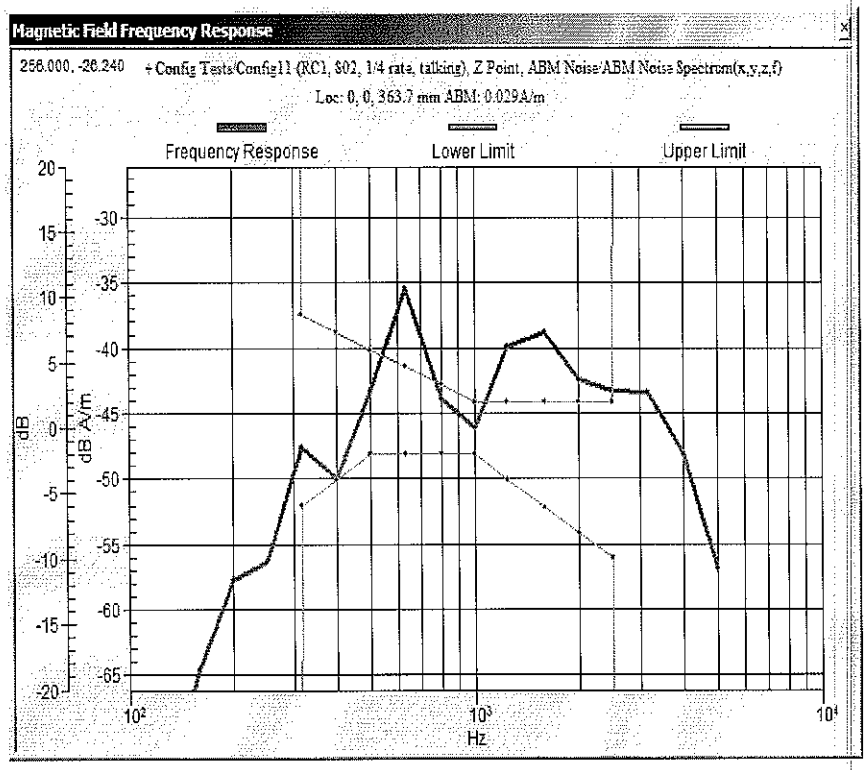


RC3, SO55, talking near the phone platform while the ABM2 measurement is being made
*red limit lines are meaningless
*scale reference is different

Experiment Results



RC1, SO2, ¼ vocoder rate, microphone aperture plugged
*red limit lines are meaningless
*scale reference is different



RC1, SO2, ¼ vocoder rate, talking near the phone platform while the ABM2 measurement is being made
*red limit lines are meaningless
*scale reference is different