

Security Level:

FD BWE issues #514

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2023/10

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FD BWE issues

Several ToDo comments that point out to a missing tuning or suboptimality in the FD BWE exist in the code:

- ☐ ..\lib_dec\swb_bwe_dec.c(270): /* IVAS_fmToDo: wtda() does not support L_FRAME length; thus temporarily resample the signal */
- ☐ ..\lib_dec\swb_bwe_dec.c(271): /* IVAS_fmToDo: delay output[] by 1.25ms ? */
- ☐ ..\lib_dec\swb_bwe_dec.c(589): /* todo - wtda() does not support L_FRAME length; thus temporarily resample the signal */
- ☐ ..\lib_dec\swb_bwe_dec.c(590): /* todo - delay output[] by 1.25ms ? */
- ☐ ..\lib_dec\swb_bwe_dec.c(737): /* IVAS_fmToDo: synth[] is @internal_Fs!!! */

- line270, 589: The resampling is used to create the frequency bins from 304 to 320, and they will be used in the following BWE function.
- line271, 590: No need to delay the output.
- line737: synth[] is not internal_Fs signal.
- Conclusion
 - ☐ No need to update the code. Remove the comments.

Thank you

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