

Project: IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)

Submission Title: [A proposed plan to merge Intel MATLAB code and NICT MATLAB code]

Date Submitted: [December 4, 2006]

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Re: []

Abstract: [Proposing a plan to merge Intel MATLAB code and NICT MATLAB code]

Purpose: [Explain the merge plan]

Notice:

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A Proposed Plan to Merge Intel MATLAB code and NICT MATLAB code

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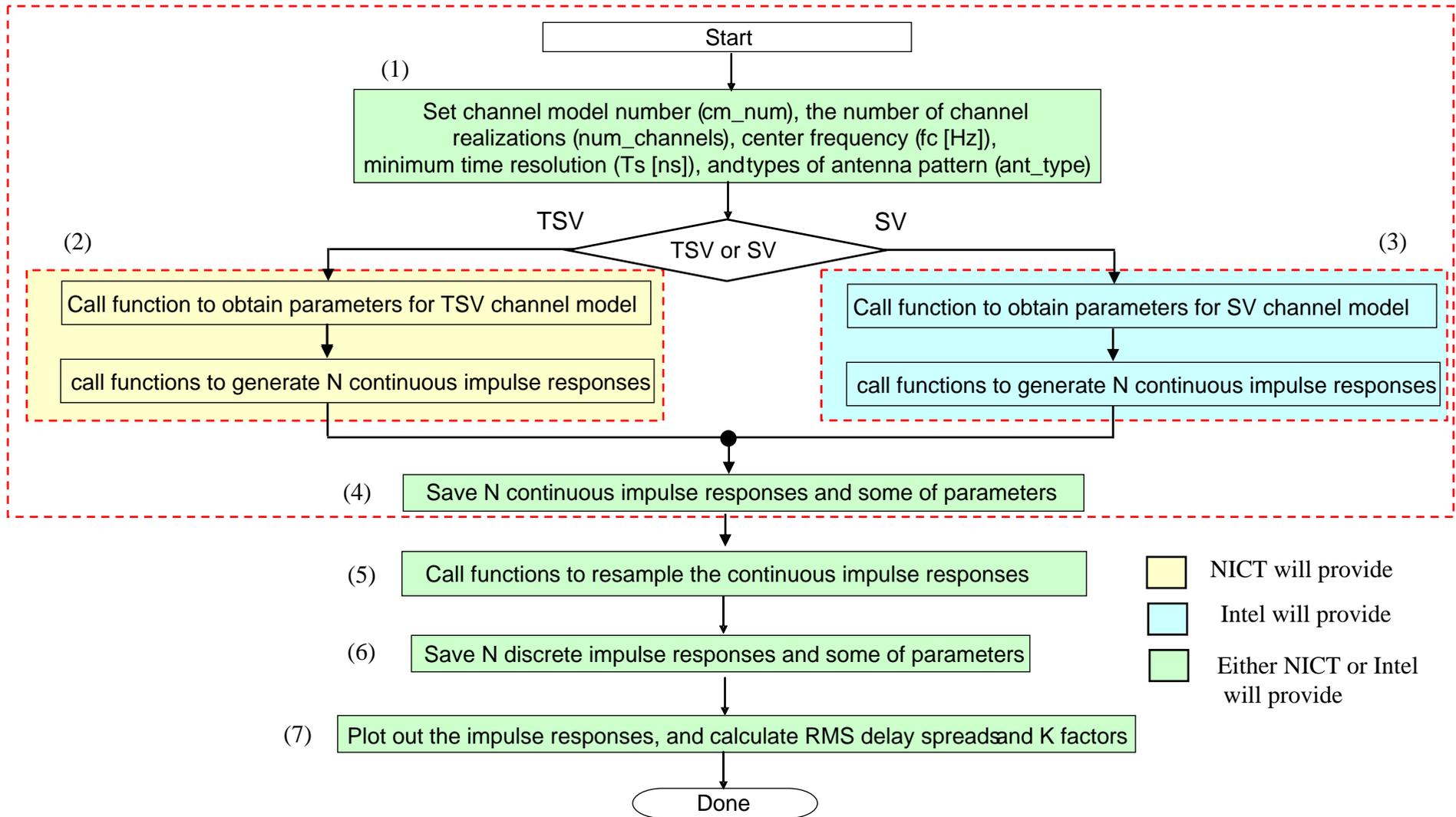
Summary of this document

- Show a proposal to merge Intel MATLAB code and NICT MATLAB code

All the group has to do (from Dallas meeting)

- Merge Intel MATLAB code and NICT MATLAB code**
- Validate the MATLAB code by comparison with the experimental data**

A proposal of how to merge MATLAB code



Overview of merge program

- ❑ As for TSV model (in the flowchart (2)), NICT will provide the MATLAB code and validate the code by comparison with measurement data
- ❑ As for SV model (in the flowchart (3)), Intel will provide the MATLAB code and validate the code by comparison with measurement data
- ❑ As for the other part (common part), we will decide who make the codes

A detailed time schedule

(If programs (1) and (4) are provided by Intel)

- ❑ Intel will develop programs (1) and (4) in the flowchart and its document and will provide to NICT
- ❑ NICT will include the programs to TSV code and create final code and validate the code by using measurement data
- ❑ NICT will provide the code to Intel
- ❑ Intel will merge TSV code and SV code.

Time plan discussed on Dec.06

- ❑ The following is based on the document IEEE 15-06-0516-00-003c slide 5.
- ❑ Intel will finish to develop MATLAB codes of (1),(3), and (4) to give them to NICT
 - ❑ Until Dec. 15
- ❑ NICT will finish to develop MATLAB codes of (1),(2), and (4) to give back the codes to Intel
 - ❑ A half of week later after getting code (1), (3), and (4)
- ❑ Intel finish to develop MATLAB codes
 - ❑ A couple of day later after getting code (1),(2), and (4)
- ❑ Cross-Validate the final code by comparison with measurement data
 - ❑ Only continuous mode
 - ❑ Until Dec. 22
- ❑ Make a document to suit for the flowchart
 - ❑ Intel and NICT will do that until Dec. 28

Summary of available LOS / NLOS channel models

	LOS	NLOS
Office	Available (NICT)	Available (NICT)
Residential	Available (NICT)	N/A
Desktop	Available (NICT)	N/A
Library	Available (IMST/Intel)	N/A

Who validate the performance of
MATLAB code?

Request from NICT to Intel

- Please make an official document on the Intel's MATLAB code. The document must include flowchart and detailed
 - As for NICT code, 15-06-0468-00-003c show the information
- Please also provide a document that mentions how to use it.