

**Project: IEEE P802.15 Working Group for Wireless Personal Area Networks**

**Submission Title:** [Channel model status report]

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**Source:** [Abbie Mathew] Company [NewLANS, Inc.]

Address [238 Littleton Road, Westford, MA 01886-3531, U.S.A.]

Voice: [(617) 283-1363], E-Mail: [amathew@newlans.com]

**Re:** []

**Abstract:** [Update of activities in the channel modeling sub-group and call for participation]

**Purpose:** [Contribution to 802.15 TG3c at September 2006 interim in Melbourne]

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# Status of Measurement Analysis

Source	Document	Title
<b>NICTA</b>	06-0318-00	Desktop 60 GHz channel measurements and model
<b>NICT Japan (NICTA analysis)</b>	06-0317-00	Residential 60 GHz Channel Measurements and Model
	06-0316-00	Office 60 GHz Channel Measurements and Model
<b>NICT Japan</b>	06-0377-01	LOS office channel model based on TSV model
	06-0297-02	Merging 2-path and SV models LOS desktop channel environments
<b>UMass</b>	06-0398-00	Statistical Indoor Channel Model Using Circular Polarized Antennas at 60 GHz
	06-0375-01	Propagation-model-using-circular-polarized-antennas
<b>IMST</b>	06-0302-02	Saleh Valenzuela channel model parameters library environment

# Presentations Today

Presenter	Topics
Sawada-san	<ul style="list-style-type: none"><li>▪ Merging 2-path model and SV</li><li>▪ LOS office and residential channel model</li></ul>
Harada-san	MATLAB code for TSV model
Alireza	Channel model and antennas
Su-Khiong	Channel model document

# Issues & Challenges

1. Need a closure
  - a. Document in **reasonable** shape
  - b. Does not hinder other models from consideration
2. Down size models

# Conference Call

- Next conference will be announced in the Reflector
- Dial-in information
  - Dial-in number: +(641) 985-8000
  - Access code: 657719#