
Minutes of the Conference Call

Date

The 20th conference call was held on June 13, 2005, at 8 PM EST.

Participants

- 1 Bruce Bosco
- 2 James Gilb
- 3 Nobuhiko Kuribayashi
- 4 Abbie Mathew
- 5 Tony Pollock
- 6 Alireza Seyedi
- 7 Tim Williams
- 8 Su-Khiong Yong

Issues Discussed

Considerable time was spent on how to break the impasse caused by the lack of (a) measured data and (b) information on how of measure propagation model. As of now, following are the potential sources for measured data.

Source for Measured Data	Month Available	Comments
Stan and Tony's measurement	August	Submission deadline will have to be moved from September to November
IBM	June	May not contain AOA information.
University of Massachusetts	Not available	Low probability of occurrence before August 2005.

Members in this sub-group volunteered to obtain measured data by contacting authors of papers listed in APPENDIX – A.

Si-Khiong agreed to provide information on how to measure data for a power decay (with AOA) propagation model.

Action Items

- (1) Provide an update on attempts to obtain the measured data. Refer to APPENDIX - A on page 3 for pertinent information.
- (2) Su-Khiong is to provide a document that describes the kind of measurements required to develop a channel mode.

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- (3) Shahriar to review document number 05/255. The simulation is based on the paper titled *Analysis of 60 GHz Band Indoor Wireless Channels with Channel Configurations*.¹

Next Conference Calls

The next meeting will be held at the times listed below. The dial-in number is (641) 985-8000 and the access code is 657719#.

US Eastern Standard Time	8.00 PM, June 21 - Tuesday
US Mountain Time	5.00 PM, June 21 – Tuesday
US Pacific Time	5.00 PM, June 21 – Tuesday
Japan/South Korea Time	9.00 AM, June 22 – Wednesday
South Australia Time	9.30 AM, June 22 – Wednesday

¹ A copy can be emailed to you upon request.

APPENDIX - A

#	Paper Title	File	Contact Person
1	BROADWAY functional system parameter description	Broadway-wp1-d2	Bruce Bosco
2	BROADWAY study "the 60 GHz channel and its modeling"	Broadway-wp3-d7R3_annex1	Bruce Bosco
3	BROADWAY simulation results for the 60 GHz indoor radio channel	Broadway-wp3-d7R3_annex2	Bruce Bosco
4	MEDIAN 60 GHz wideband indoor radio channel measurements and model	Kunisch_Zollinger_Pamp_Winkelmann_IEEE1999	Chia-Chin Chong
5	Analysis of 60 GHz band indoor wireless channels with channel configuration	Park_Kim_Hur_Lim_Kim_IEEE1998	Chia-Chin Chong
6	In-building wideband partition loss measurements at 2.5 GHz and 60 GHz	Anderson_Rappaport_IEEEMay2004	Brian Gaucher
7	Spatial and temporal characteristics of 60 GHz indoor channels	Xu_Kukshya_Rappaport_IEEEApr2002	Abbie Mathew
8	Effects of antenna directivity and polarization on indoor multipath propagation characteristics at 60 GHz	Manabe_Miura_Ihara_IEEEApril1996	Alireza Seyedi
9	Multipath measurement at 60 GHz for indoor wireless communication system	Manabe_Taira_Sato_Ihara_Kasashima_Yamaki_IEEE1994	Alireza Seyedi
10	Measurements of reflection and transmission characteristics of interior structures of office building in the 60 GHz band	Sato_Manabe_Ihara_Saito_Ito_Tanaka_IEEEDec1997	Alireza Seyedi
11	Measurement of the complex refractive index of concrete at 57.5 GHz	Sato_Manabe_Polivka_Ihara_Kasashima_Yamaki_IEEEJan1996	Alireza Seyedi
12	Geometrical optics model for millimeter-wave indoor radio propagation	Smulders_ElectronicsLettersJune1993	Su-Khiong Yong