
IEEE P802.15
Wireless Personal Area Networks

Project	IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)		
Title	Minutes of the conference call on the channel model		
Date Submitted	[21 March 2006]		
Source	[Abbie Mathew] [NewLANS, Inc.] [238 Littleton Road, Westford, MA 1886, U.S.A.]	Voice:	[+1-617-283-1363] E-mail: [amathew@newlans.com]
Re:	[Minutes of the conference call – TG3c Channel Model Subgroup]		
Abstract	[]		
Purpose	[]		
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Date

The 37th conference call was held at times listed below.

Los Angeles	March 14	Tuesday	5:00 PM
Boston	March 14	Tuesday	8:00 PM
London	March 15	Wednesday	1:00 AM
Singapore	March 15	Wednesday	9:00 AM
Seoul, Tokyo	March 15	Wednesday	10:00 AM
Canberra	March 15	Wednesday	Noon

Participants

The names of all the participants could not be recorded below. For future conference calls, I request that participants email their names before dialing in.

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- 1 Akira Akeyama
- 2 Art Astrin
- 3 Chi-Chin Chong
- 4 Shahriar Emami
- 5 Reed Fisher
- 6 James Gilb
- 7 Nobuhiko Kuribayashi
- 8 Abbie Mathew
- 9 Alireza Seyedi

Issues Discussed & Action Items

Shahriar presented document [15-06-0191-00-003c-channel-model-based-ibm-measured-data]. Below is an attempt to capture the discussions.

	Issues Discussed	Response
1	Why does the path loss and large scale model parameters on slide 8 include LOS and NLOS?	Given data did not separate LOS and NLOS.
2	Can they be separated?	No
3	Why Smulder's model was selected for the PDP?	Smulder's appears to be a good fit.
4	Discussion on the 'Smulder's constant part' on slides 19 and 21.	It was used in the original IBM work.
5	How were the break points selected on slide 16?	Breakpoint was found by visual examination of the measurement data and it is somewhat subjective.

6	Why are the exponents on slide 8 small?	They were found by MSE fitting to the measurement data. The path loss exponent (n) of less than two is in agreement with the original IBM results.
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Next Conference Call

The next conference call will be at times listed below. Alexander Maltsev, Intel (Moscow) will present document [15-06-0141-01-003c-imst-time-angular-characteristics-analysis].

Los Angeles	March 22	Wednesday	9:00 PM
Boston	March 23	Thursday	Midnight
London	March 23	Thursday	5:00 AM
Moscow	March 23	Thursday	8:00 AM
Singapore	March 23	Thursday	1:00 PM
Seoul, Tokyo	March 23	Thursday	2:00 PM
Canberra	March 23	Thursday	4:00 PM ¹

The dial-in phone number and the access code are +(641) 985-8000 and 657719# respectively.

¹ Daylight saving time