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	[18 April 2006]	
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Re:	[Minutes of the conference call – TG3c Channel Model Subgroup]	
Abstract	[]	
Purpose	[]	
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Date

The 43rd conference call was held at times listed below.

Los Angeles	April 19	Wednesday	6:00 PM
Boston	April 19	Wednesday	9:00 PM
London	April 20	Thursday	2:00 AM
Singapore	April 20	Thursday	9:00 AM
Seoul, Tokyo	April 20	Thursday	10:00 AM
Canberra	April 20	Thursday	11:00 AM

Participants

1	Chang-Soon Choi
2	Abbie Mathew
3	Tony Pollock
4	Hirokazu Sawada
5	Kamran Sayrafian
6	Su-Khiong Yong

Issues Discussed & Action Items

Discussions were on the criteria to reduce the number of data sources. AoA and swept bandwidth/pulse wide were the suggested criteria. There was a brief discussion on the circular polarization and if the channel model parameters derived from measurements using linear polarization could be used in systems based on circular polarized antennas. The response was that systems based on circular polarized antennas will require channel model parameters from similar polarization. The discussion then switched to reviewing various data sources and determining which ones will not be in the final evaluation/modeling, but would be referred in the final document. IBM and IMST were decided to be such candidates for reasons stated in the table below.

	Data Source	Reason
1	IBM	Measurement parameters does not separate LOS and NLOS
2	IMST	Ambiguity relating to the angular information

The France Telecom data will be kept as it contains path loss parameters.

Discussion on the criteria and review of the data sources will continue at the next conference call.

Next Conference Call

The next conference call will be at following times.

Los Angeles	April 27, Thursday	8:00 PM
Boston	April 27, Thursday	11:00 PM
Moscow	April 28, Friday	7:00 AM
Seoul, Tokyo	April 28, Friday	Noon
Canberra	April 28, Friday	1:00 PM

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

Agenda

The agenda will be as follows.

a) Su-Khiong's update of the France Telecom and IBM measured data
b) Sawada-san and Choi-san's discussion on the two-path model
c) Alex's presentation or statement on the ambiguity in the IMST data
d) UMass measurement
e) Discussion on the measurement table – we will pick up where we left off last week