**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | TG3d Channel Modelling Document (CMD) |
| Date Submitted | [May, 2014] |
| Source | John Notor (editor) | E-mail: gnu@notor.com |
| Re: |  |
| Abstract | The CMD contains descriptions of the propagation characteristics and channel models of the operational environments relevant for the considered applications (e. g. data required to calculate link budgets) |
| Purpose | Supporting document for the development of the amendment 3d of IEEE 802.15.3 |
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Document Overview

The CMD contains descriptions of the propagation characteristics and channel models of the operational environments relevant for the considered applications (e. g. data required to calculate link budgets)

The CMD will support the evaluation of the proposals

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| **List of contributors** |
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# Definitions:

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# Scope

Describe the scope of the channel modeling document, give reference to the Applications Requirements document

List applications described in this document.

* …
* …

# Methodology

Descriptions of the applications and associated channel modeling parameters are listed in paragraphs 4-7. The channel modeling parameters considered are the following.

1. *Operating frequency band(s)*
2. *Path loss model*
	1. *Fading model,*
	2. *temporal dispersion,*
	3. *multipath*
3. *Antenna gain/pattern*
4. *Other*

# Kiosk Downloading

# Path Loss Model

# Fading Model

# Temporal dispersion

# Multipath

# Antenna Gain/Pattern

# Other

# Intra-Device Communication

# Path Loss Model

# Fading Model

# Temporal dispersion

# Multipath

# Antenna Gain/Pattern

# Other

# Backhauling/Fronthauling

# Path Loss Model

# Fading Model

# Temporal dispersion

# Multipath

# Antenna Gain/Pattern

# Other

# Data Center

# Path Loss Model

# Fading Model

# Temporal dispersion

# Multipath

# Antenna Gain/Pattern

# Other