Project	IEEE 802.16 Broadband Wireless Access Working Group <**http://ieee802.org/16**>
Title	Text Proposal for the Path Loss Models
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Re:	Response to a call for contributions for the Relay TG, see C80216j-06/001.pdf
Abstract	This document captures path loss models for IEEE802.16j
Purpose	Text proposal for IEEE C802.16j-06/040
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Text Proposal for the Path Loss Models

1 Introduction

This is a text proposal input to the contribution IEEE C802.16j-06/040:"Multi-hop System Evaluation Methodology".

++++++++++++++++++++++++*Start Text* ++

Place holder for the text proposal, update is required.

1.1 Path-Loss Model

1.1.1 BS ↔ RS, LOS pathloss model

1.1.2 BS ↔ RS, NLOS pathloss model

1.1.3 BS ↔ MS, LOS pathloss model

1.1.4 BS ↔ MS, NLOS pathloss model

1.1.5 RS ↔ RS, LOS pathloss model

1.1.6 RS ↔ RS, NLOS pathloss model

1.1.7 RS ↔ MS, LOS pathloss model

1.1.8 RS ↔ MS, NLOS pathloss model

1.1.9 ~~BS↔RS and BS↔ MS propagation modeling~~

~~[Editor's note: adopt the model in [9]]~~

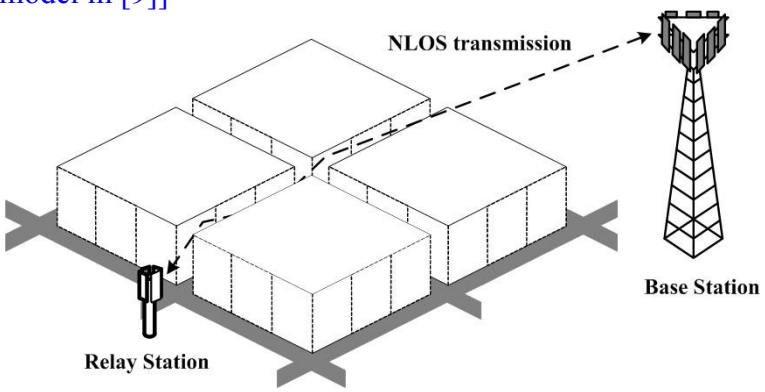

Figure 1 **NLOS transmission between BS ↔ RS**

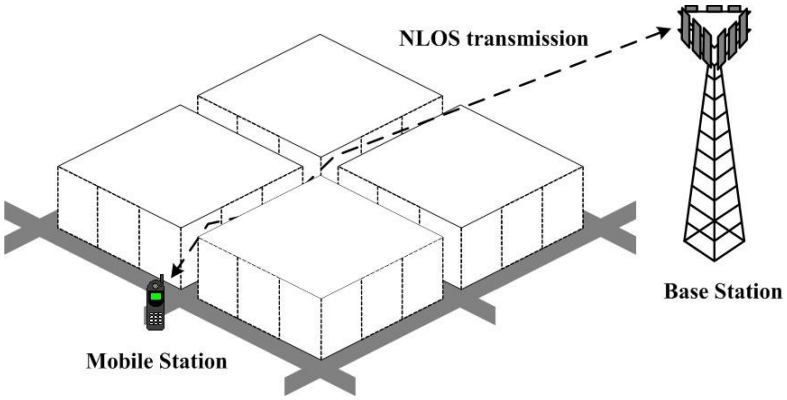

Figure 2 **NLOS transmission between BS ↔ MS**

1.1.10 RS↔ MS and RS↔ RS propagation modeling

[Editor's note: Editor's note: adopt the model in [8]]

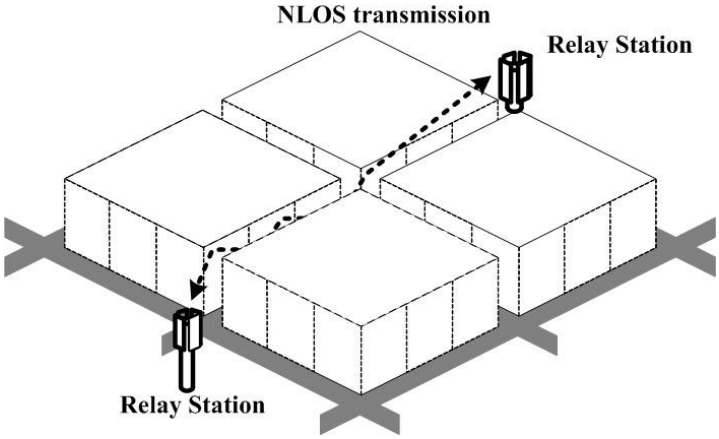

Figure 3 **NLOS transmission between RS↔ RS**

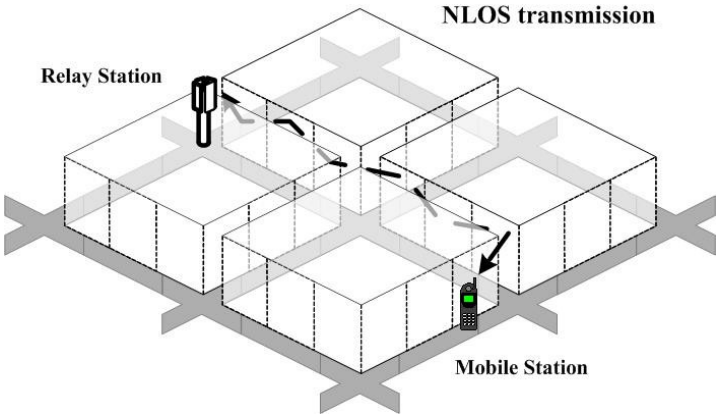

Figure 4 **NLOS transmission between RS↔MS**

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