

IEEE 802.16 Working Group on Broadband Wireless Access

<http://WirelessMAN.org>



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To: Eric Jacks, NGMN Performance Parameters Project
The NGMN Alliance

Dear Eric,

IEEE 802.16 Working Group would like to thank you for your liaison statements (IEEE L802.16-07/039 and 041) of 9 July 2007, and the associated attachments (IEEE L802.16-07/040 and 042). We are pleased that the NGMN Alliance is interested in the IEEE P802.16m project, and we are interested in hearing the views of the Alliance regarding the development of the draft standard.

The liaison statements and NGMN Evaluation Methodology [2] were extensively discussed. The Working Group agrees that the draft IEEE 802.16m Evaluation Methodology [1] is reasonably well aligned with the views expressed in the NGMN Methodology. The 802.16m Task Group further agreed to use the simulation assumptions in the NGMN Alliance performance evaluation methodology as an alternative simulation scenario in the IEEE 802.16m Evaluation Methodology.

The 802.16m Task Group further recommends that NGMN use the widely-accepted ITU-R channel models (extended for wider bandwidths) with spatial correlation factors for MIMO scenarios in addition to the SCM model currently suggested in Table 2 of the NGMN Methodology.

Sincerely,

Roger B. Marks

Chair, IEEE 802.16 Working Group on Broadband Wireless Access

References:

[1] Draft IEEE 802.16m Evaluation Methodology Document (C802.16m-07/080r2), June 2007, <<http://ieee802.org/16/tgm/#C080>>

[2] Next Generation Mobile Networks Radio Access Performance Evaluation Methodology, A White Paper by NGMN Alliance, June 2007 (IEEE L802.16-07/042)

cc: Greg Schumacher, Vice Chair, NGMN Alliance Technical Working Group Steering Committee
Brian Kiernan, Chair, 802.16 Task Group m (TGm)
Paul Nikolich, Chair, IEEE 802 Executive Committee