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| **Radiocommunication Study Groups** | | |  |
| Title | **IEEE 802 Contribution to ITU-R WP 5A**  Multiple Gigabit Wireless Systems in frequencies around 60 GHz | | |
| Date Submitted | **2017-03-14** | | |
| Source(s) | IEEE 802 15 | E-mail: Benjamin Rolfe <ben@blindcreek.com> | |
| Re: | ITU-R WP 5A is requesting INPUT for A REVISION OF RECOMMENDATION ITU-R M.2003 and REPORT ITU-R M.2227 | | |
| Abstract | This document proposes a draft contribution to ITU-R WP5A regarding general characteristics and radio interface standards for Multiple Gigabit Wireless Systems in frequencies around 60 GHz. | | |
| Purpose | This contribution requests review by the IEEE 802.18 Technical Advisory Group and submittal of a version, revised to suit the TAG, to the IEEE 802 Executive Committee for approval under OM Subclause 8.2.1 as an intended contribution from IEEE to ITU-R Working Party 5A **for submission by IEEE by the deadline of 10 May 2017, 16:00 hours UTC**. | | |
| Notice | *This document represents only the views of the participants listed in the “Source(s)” field above. It is offered as a basis for discussion. It is not binding on the contributor(s), who reserve(s) the right to add, amend or withdraw material contained herein.* | | |
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| Institute of Electrical and Electronics Engineers, Inc. | |
| Working document toward a preliminary draft  revision of RECOMMENDATION ITU-R M.2003-1 | |
| |  |  | | --- | --- | | |  | | --- | | Multiple Gigabit Wireless Systems in frequencies around 60 GHz |   (Question ITU-R 212-3/5) | |  | | |

**1 Source information**

This contribution was developed by IEEE Project 802®, the Local and Metropolitan Area Network Standards Committee (“IEEE 802”), an international standards development committee organized under the IEEE and the IEEE Standards Association (“IEEE-SA”).

The content herein was approved for submission by the IEEE 802.15™ Working Group for WPAN, the IEEE 802.18 Radio Regulatory Technical Advisory Group, and the IEEE 802 Executive Committee, in accordance with the IEEE 802 policies and procedures, and represents the view of IEEE 802.

**2 Discussion**

WP 5A invited IEEE to provide information regarding general characteristics and radio interface standards for Multiple Gigabit Wireless Systems in frequencies around 60 GHz.

The referenced submission document proposes updates to the ITU-R M.2003 working document based on standards development activities since last proposed updates. These activities include completion of IEEE Std. 802.15.3e-2017 and in-process efforts in IEEE P802.11ay in support of high rate proximity communications (HRCP) included requirements appropriate to WLAN that are not appropriate to HRCP. The proposed changes are indicated via the ‘track changes’ showing differences from the WP5A document.

With this submission, we continue to support the extension of the 60 GHz band to 71 GHz.

**3 Summary**

We applaud the efforts of the participants in WP 5A for undertaking this work and giving IEEE 802 the opportunity to respond.

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| **Contact**: ROLFE, Benjamin  DRAFT  LYNCH, Michael | **E-mail:** [ben@blindcreek.com](mailto:ben@blindcreek.com)  [freqmgr@ieee.org](file:///C:\Users\kenneric\Downloads\freqmgr@ieee.org) |

**Annex 1: Proposed additions and changes to the Working document toward a preliminary draft revision of RECOMMENDATION ITU-R M.2003-1**

<https://mentor.ieee.org/802.18/dcn/17/18-17-0059-01-0000-proposed-updates-to-annex-17-to-document-5a-298-e-from-802.docx>

or latest version.