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| **Radiocommunication Study Groups** |  |
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| **24 July 2012** |
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| Working Party 5D | |
| LIAISON STATEMENT TO EXTERNAL ORGANIzATIONS | |
| rEVIEW of REPORT itu-R M.2039 | |

Working Party 5D cooperated with the external organizations in the past when developing Report [ITU-R M.2039](http://www.itu.int/pub/R-REP-M.2039-2-2010) “Characteristics of terrestrial IMT-2000 systems for frequency sharing/interference analyses”, which was last revised in 2010.

As a result of its work on compatibility between IMT and other systems, WP 5D has noted that certain information is not available in Report ITU-R M.2039, or may need to be updated. WP 5D would thus like to seek the views of the external organizations regarding a possible revision of Report ITU-R M.2039 to include additional information in the areas indicated below.

System level protection criteria of IMT networks

The I/N protection levels in Report ITU-R M.2039 are not always applicable. In some scenarios it is more appropriate to consider a statistical analysis, by estimating the increased outage or decreased throughput for the entire network or parts of it. It is expected that different levels would be applicable for different types of interferers (primary vs. secondary, in-band vs. out-of-band). WP 5D is therefore seeking the views of the external organizations as the whether such information could be added.

IMT cell sizes

It has been noted that the cell sizes proposed in Report ITU-R M.2039 for micro (pedestrian) and pico (in‑building) cells do not apply for the powers given, as the signal strength at the border of the cell will not be high enough. Furthermore, it may be helpful to include a figure describing the geometry concerned.

General update of IMT parameters for all IMT bands

It is proposed to carry out a general review to ensure that relevant values exist for all IMT bands in Report ITU-R M.2039, and to modify and add parameters according to the latest specifications of IMT technologies.

Working Party 5D thanks the external organizations for their cooperation. For information, the next meeting of WP 5D is scheduled for 3-11 October 2012, and the deadline for contributions to the meeting is 16:00 hours UTC, 26 September 2012.

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