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Agenda Item: 4.3

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To: **RAN**
Cc: **T1/RF**

Title: **Proposed answer to ITU-R WP 8F on the handling of measurement uncertainties**

Document for: **Approval**

3GPP TSG RAN thanks ITU-R WP 8F for the LS containing the Working Document Toward Preliminary Draft New Recommendation on handling of measurement uncertainty for the terrestrial component of IMT-2000.

As anticipated in a previous LS (Doc 8F/41), global circulation is essential for IMT-2000 equipment. To make this possible the requirements and conformance test limits need to be the same regardless of the country of manufacture or sale.
Therefore 3GPP TSG RAN welcome the efforts carried on by ITU-R WP 8F in order to achieve a common global understanding for how to handle measurement uncertainty.

3GPP TSG RAN would like to inform ITU-R WP 8F that, based on the technical considerations in section 5 of the received PDNR (Preliminary Draft New Recommendation), the terminology and the procedures used within 3GPP have been aligned with the ones suggested in section 6 (Recommendation) of the above mentioned PDNR. A new section has been added to Test Specifications containing the relaxation value to be considered for test purposes. Therefore, shared risk principle, as described in the received PDNR, is now applied to a test limit evaluated by relaxing the core specification value by the corresponding relaxation value. 3GPP TSG RAN believes that this solution is in line with the guidelines provided in section 6 (Recommendation) of the PDNR currently under development within ITU-R WP 8F.
3GPP TSG RAN appreciate the terminology and the procedures defined in the current version of the PDNR and would like to encourage ITU-R WP 8F to continue to adopt them in the future. In fact it is believed that, as 3GPP, all External Organizations (EOs) checked the alignment of their terminology / procedures with the ones currently suggested by ITU, and took actions as appropriate. Therefore, it is desirable to keep them also for the final version of the PDNR.

In addition, 3GPP TSG RAN note that the wording used in Recommendation (3) may be perceived as being too specific; a more general wording, like the one proposed in Annex 1, could be used in future versions of the PDNR.

Finally, 3GPP TSG RAN, in order to further facilitate the global circulation of IMT-2000 equipment, would like to suggest to ITU-R WP 8F to indicate to all Administrations the need of adopting common test procedures, reflecting the ones specified by the External Organizations that are currently developing the radio interfaces of IMT-2000 specified in Recommendation ITU-R M.1457.

Annex 1

2 In order to be consistent with industry practise, the shared risk principle should be used for all tests. It may be decided to relax the core specification value by a certain relaxation value that should be evaluated on a case per case basis taking into account different factors such as test equipment uncertainty, mismatch, and criticality forsystem performance .