

**Title:** DRAFT LS on Addition of conformance specifications  
**To:** ITU-R WP8F  
**Agenda item:** 8  
**Source:** 3GPP RAN and 3GPP T  
**Document for:** Information and Discussion

Contact person – Howard Benn (howard.benn@motorola.com)

---

During the last meetings of 3GPP RAN and 3GPP T the issue of regional regulatory testing of terminals and base stations was raised. 3GPP RAN have discussed this issue and arrived at the following conclusion, which it believes is in line with the principle adopted by the ITU: Global circulation and roaming are essential for WCDMA terminals. To make this possible some of the UE requirements and conformance test limits need to be the same regardless of the country of manufacture or sale.

3GPP is a specification generation body that has no mandate to discuss and solve regulatory issues, however 3GPP RAN and 3GPP T have been given the mandate by it's organisation partners to generate conformance specifications. 3GPP RAN and 3GPP T kindly suggests that ITU-R WP 8F discuss this issue at their next meeting, the following points may help that discussion.

3GPP conformance specifications TS25.141, TS25.142, TS34.121, and TS34.122, have been written to provide a single source for global test requirements. The ITU may want to reference these in their document and provide guidance to the regulators around the world that this should be used in setting the regional requirements.

The conformance specifications are based on current understanding in 3GPP RAN WG4 of the 'shared risk' principle [1], and include all applicable tolerances, including test measurement equipment uncertainty. 3GPP RAN and 3GPP T believes that this is in-line with a number of current regional regulatory principles. The test requirements are becoming stable, however the test measurement equipment uncertainties are still under discussion. It expected to have reached conclusions by the next round of 3GPP plenary meeting in September 2000.

The core specifications currently referenced, and in some cases quoted, in IMT.RSCP do not include any test measurement equipment uncertainty. Therefore these parameters are currently not suitable for regulatory purposes if the basis for regulation is a test result.

3GPP RAN and 3GPP T wishes to thank ITU WP8F in advance for considering this issue. If further clarification or information is required 3GPP would be glad to provide further guidance.

## **References**

1. 3GPP RAN WG4 document R4-000499, 'Impact of measurement uncertainty on the distribution of equipment performance', Agilent Technologies (Available from [ftp.3gpp.org](ftp://ftp.3gpp.org))