

Source: Rapporteur

Title: Status report on Work Item of LCRTDD-RF

Agenda: 6.7.5

1 Introduction

The TR25.945 (RF requirements for 1,28Mcps UTRA TDD option) was created at 3GPP RAN4#11 meeting, February 29 – March 3, 2000, San Diego, CA, USA. Since then, extensive work had been carried out on this work item in TSG RAN WG4. Now the work item is completed. The group agrees that it can be included in Release 4.

2 Linked work items

- *Low chip Rate TDD physical layer*
- *Low Chip Rate TDD UE radio access capabilities*
- *Low chip rate TDD Layer 2 and Layer 3 protocol aspects*
- *Low chip rate TDD Iub/Iur protocol aspects*
- *Low Chip Rate TDD Inter-working with GERAN*

3 Completed Work

3GPP RAN 4 has held 5 working group meetings and 1 adhoc since the work item creation. The following work has been performed

- RF parameters in support of Radio Resource Management
- UE Transmission/Reception
- BS Transmission/Reception
- BS EMC
- BS Conformance Testing
- RF system scenarios
- UE EMC

4 Status of Proposed changes to specifications

TS num	Ver	TS Title	Status
25.102	3.5.0	UTRA (UE) TDD; Radio Transmission and Reception	✓ Completed.
25.105	3.5.0	UTRA (BS) TDD; Radio Transmission and Reception	✓ Completed.
25.113	3.4.0	Base station electromagnetic compatibility (EMC)	✓ Completed
25.123	3.4.0	Requirements for Support of Radio Resources Management	✓ Completed
25.142	3.4.0	Base station conformance testing (TDD)	✓ Completed
34.124	3.2.0	Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment	✓ Completed.

5 Conclusion

The work item is completed. The group agrees that it can be included in Release 4. The group couldn't agree on the future of this TR. It is not clear if the future work should be reflected here once version 4 of the specification is created. It is not clear if this should be a permanent TR or a working document inside RAN WG4. This is an issue that will be presented to RAN and MCC, given that the other RAN WGs also have their own TR on this Work Item.