Status Report for WI to TSG

Work Item Name: Base Station Classification for 1.28 Mcps TDD option

SOURCE: Rapporteur (Meik Kottkamp, Siemens AG)   TSG: RAN   WG: 4

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Ref. to WI sheet: RAN_Work_Items.doc

Progress Report since the last TSG (for all involved WGs):

RAN WG 4 has held 1 meeting since the work item status was lastly presented to TSG RAN #14. At this meeting, contributions were provided on the ACLR of the Local Area BS (1.28 Mcps TDD option) identified earlier as the only open issue of this work item. Extensive discussions were held on this issue, leading to a much broader review of all parameters relevant for UTRA TDD/FDD coexistence, with impact also on Rel99 and Rel-4 specs. As an outcome of these discussions, new proposals were developed for these parameters including those directly relevant for the current work item, and basic agreement was reached for the way forward. However, it was felt by RAN WG4 that these new proposals require thorough checking by all parties involved which could not be achieved during the meeting. Therefore, to enable high-quality standards, RAN WG4 decided to postpone the final decision on the completion of this work item until its next meeting.

List of Completed elements (for complex work items):

    1.   Parameters for classification in TS 25.105

Clause	Description
4.2	Base station classes
6.3	Frequency stability
7.2	Reference sensitivity level
7.3	Dynamic range
7.4	ACS
7.5.0	Blocking characteristics: Minimum requirement
7.5.1	Blocking characteristics: Co-location with GSM 900 and/or DCS 1800
7.6	Intermodulation characteristics
8.2	Demodulation in static propagation conditions
8.3	Demodulation of DCH in multipath fading conditions

    2.   Parameters for classifications in TS 25.123

Clause	Description
9.2.1.1.1	RSCP absolute accuracy requirements
9.2.1.1.2	RSCP relative accuracy requirements

| 9.2.1.2.1 | Timeslot ISCP absolute accuracy requirements |
| 9.2.1.3.1 | Received total wide band power absolute accuracy requirements |

List of open issues:

Clause	Description
6.6.2.2	ACLR

Estimates of the level of completion (when possible):

90 %

WI completion date review resulting from the discussion at the working group:

TSG-RAN meeting #16 (June 2002)

References to WG's internal documentation and/or TRs:

TR 25.882 V1.1.0 (2001-11)