

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 presented to TSG RAN #13. The following work has been completed by RAN WG4 since then:

- ✓ ACS requirement for Local Area BS
- ✓ Verification of blocking requirements in case of co-location with GSM 900 and/or DCS 1800
- ✓ Acceptable interference level for 1.28 Mcps TDD Local Area BS determined by simulations

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):

80 %

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

TSG-RAN meeting #15 (5 – 8 March 2002)

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

TR 25.882 V1.1.0 (2001-11)