

Status Report for WI to TSG

Work Item Name: UE Antenna Performance Evaluation Method and Requirements

SOURCE: Rapporteur

TSG: RAN

WG: 4

E-mail address rapporteur: Christian.Bergljung@teliasonera.com

Ref. to WI sheet: RP-040521.doc, TSGRP#26 (2004)

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

RAN WG4:

During RAN4#34, 3 documents were presented:

- a revised WID (for RAN#27) including the relation to the corresponding GERAN WI;
- a draft TR on UE antenna performance based on the COST273 work;
- a discussion document on UE antenna performance.

The revised WID was endorsed by the meeting. Some companies raised concerns on the draft TR: it was not clear whether or not additions to the original COST text had been made. A new version containing the original COST text word by word will be posted on the RAN4 reflector for discussion and then submitted (with marked amendments, if applicable) to RAN4#35.

The discussion document identified a number of issues that need to be considered in the forthcoming work, the number of bands to consider being particularly important.

List of Completed elements (for complex work items):

List of open issues:

- Performance requirements for TS 25.101
- Antenna performance in multiple bands, number of bands to consider

Estimates of the level of completion (when possible):

20%

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

RAN#29 (September 2005)

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

RAN-WG4#34:

- R4-050161, Revised WID on UE antenna efficiency, TeliaSonera
- R4-050162, Preliminary draft TR on UE antenna performance, TeliaSonera
- R4-050169, UE antenna performance requirements, Nokia