

Status Report for WI to TSG

Work Item Name: Feasibility Study of UE antenna efficiency test methods performance requirements

SOURCE: Allgon

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):

In RAN4#19, a final FS report (R4-011086) was presented and approved. Bases on a proposal from Motorola (R4-011228) it was decided that future work should be based on the results of technical discussions held in CTIA on the subject, and that interested parties should follow these discussions. The technical report was decided to be a RAN4 internal report.

In RAN4#20, Nokia, Siemens and Telia jointly proposed to establish a co-operation between 3GPP and COST 273 WG2.2 on developing UE antenna performance test methods. The status of the Cost 273 and the CTIA work is similar (as already pointed out in the final FS report). The meeting requested further information. A proposal for a WI on UE antenna efficiency measurement standard and performance requirements was presented (R4-011456), but no decision was made.

In RAN4#21, COST 273 SWG 2.2 made a presentation of their current work results on the issue (R4-020074). It was argued that COST was making different assumptions on the near UE environment for test conditions for 3G applications than does CTIA. The CTIA methodology has been devised for 2G systems and issues relevant to 3G systems have yet to be resolved. Some delegates advocated that CTIA is not open to any members and that the idea of following the CTIA discussions should be reconsidered. Again, a WI proposal (R4-020004) on the issue was presented but not approved. Finally the meeting decided to reopen the feasibility study closed on RAN4#19 to include the new positions from the meeting delegates.

List of Completed elements (for complex work items):

List of open issues:

Interested parties to propose their view on a way forward to the rapporteur. New conclusions to be made.

Estimates of the level of completion (when possible):

Not possible

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

Not established

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

(R4-011086) Previously approved final report on feasibility study.