

Status Report for WI to TSG

Work Item Name: UMTS 900 MHz

SOURCE: Rapporteur

TSG: RAN

WG: 4

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Ref. to WI sheet: ftp://ftp.3gpp.org/tsg_ran/TSG_RAN/Work_Item_sheets/

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

During TSG RAN WG4#35 meeting 13 documents were presented and discussed for this WI. Main topics of discussions were :

- Simulations assumptions
- Simulation results for the agreed deployment scenarios

The document R4-050366 summarizing the discussion conclusions and results of the two previous RAN4 UMTS 900 conference calls was presented and discussed.

The Version 0.0.1 of the UMTS900 WI TR (R4-050365) was approved. The contribution (R4-050561) capturing the agreed simulation assumptions for Scenarios 1, 2, 3, and 4 was approved as an input to the TR. The TR will be updated accordingly.

An Ad-hoc was held on the simulation assumptions for the deployment scenarios 5 and 6. Conclusion and way forward are reported in R4-050578. The next conf call is planned and will be set up by the Rapporteur for the 10th June 2005.

In addition, a LS from ECC PT1 was received, ECC-PT1 requests for the preliminary simulation results available by September 2005, i.e just after the next RAN4#36.

The following simulation results were presented at this RAN4#35:

Document	Title	Source
Scenario 1		
R4-050423	Initial simulation results for UMTS 900MHz	Siemens
R4-050503	UMTS 900 / GSM coexistence simulation results in Urban area in uncoordinated operation (UMTS900 Scenario 1)	Motorola
R4-050536	UMTS (Macro) - GSM (Macro) co-existence simulation results for scenario 1, downlink	Lucent
Scenario 2		
R4-050504	UMTS 900 / GSM coexistence simulation results in Rural area in uncoordinated operation (UMTS900 Scenario 2)	Motorola
Scenario 4		
R4-050526	Uplink Simulation Results for UMTS900 co-existence Scenario 4	Qualcomm
R4-050539	Initial simulation results for UMTS900 Scenario 4	Ericsson

List of Completed elements (for complex work items):

List of open issues:

Simulation assumptions for Scenario 5 and 6 to be completed.

Estimates of the level of completion (when possible):

30%

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

TSG RAN #30, December 2005

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

- R4-050361 Proposal for Scenario 5 , Nokia
- R4-050365 Technical Report UMTS 900 v0.0.1 , Nortel
- R4-050366 UMTS900 simulation assumptions conference call report, Nortel
- R4-050367 UMTS900 simulation assumptions proposal for scenario 5, Nortel / Orange
- R4-050368 UMTS900 interference analysis assumptions proposal for scenario 6, Nortel / Orange
- R4-050423 Initial simulation results for UMTS 900MHz, Siemens AG
- R4-050503 UMTS 900 / GSM coexistence simulation results in Urban area in uncoordinated operation (UMTS900 Scenario 1), Motorola
- R4-050504 UMTS 900 / GSM coexistence simulation results in Rural area in uncoordinated operation (UMTS900 Scenario 2) , Motorola
- R4-050526 Uplink Simulation Results for UMTS900 co-existence Scenario 4,Qualcomm
- R4-050536 UMTS (Macro) - GSM (Macro) co-existence simulation results for scenario 1, downlink, Lucent
- R4-050539 Initial simulation results for UMTS900 Scenario 4, Ericsson
- R4-050561 Simulation assumptions for UMTS900, Nortel
- R4-050578 UMTS900 Ad Hoc Report, Nortel