TSG-RAN Working Group 4 (Radio) meeting #6
Queensferry 26 - 29 July 1999

TSGR4#6(99)387

Agenda Item: 5

Source: AH 01 chairman[1]

Title: AH01 Report: Link level simulations for conformance testing

Document for: Discussion and Approval

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1 Introduction

This document reports the status of AH 01 (Link level simulations for conformance testing)

2 Summary

2.1 Results of RAN4#5

AH01 was renamed at the RAN4#5 meeting to reflect the new scope of the work.

Below the main results of the RAN4#5 meeting to allow the simulation work to start. Currently only the downlink is considered, ie. performance requirements for UE.

Propagation conditions:
At the end of RAN4#5 an adhoc meeting was held to resolve the choice of multi-path fading propagation conditions (section B.2.2 of TS 25.101). A consensus was reached by the participants to use option 3, as described in Tdoc R4-99303. This result was reported on the reflector. As no comments were received within the time allocated for comments, it was proposed to approve the adhoc consensus and incorporate the results in TS 25.101.

Start of link level simulations:
Tdoc R4-99341 was approved by RAN4#5 as assumptions to perform calibration simulations between the interested companies until the next RAN WG4 meeting. The work method for link level simulations can be found in Tdoc R4-99301.

2.2 Discussions on the reflector

Very little discussion has taken place on the reflector.
– Some assumptions for benchmarking were clarified.
– Some discussions started again about the “propagation conditions” after the adhoc agreement (Siemens,Telenor).

Telenor also proposed some modification of terms:
- to use the term 'Channel Model' or 'Propagation Channel Model'.
- to use the original terms 'Indoor', 'Indoor to Outdoor and Pedestrian', and 'Vehicular'.

Note that due to the chiprate change in TS25.101v2.1.0 after RAN#4, the delays in the propagation conditions do now not match anymore with the chip period.

Further comments were not received.

3 Conclusions

AH01 has had very little activity since last RAN4 meeting, probably also due to the holidays.

No results of benchmark simulations have been received on the reflector yet and a large amount of work is remaining.

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