

Agenda Item:

Source: AH01-DL chairman¹

Title: Report AH01 for RAN4#8

Document for: Discussion and Approval

1. Introduction

This document reports the status of AH01 and proposes a way forward.

2. Status Summary

As agreed on last RAN4#7, a physical adhoc 01 meeting was held to improve the specifications related to performance requirements and agree on values for the specifications before RAN#5.

Minutes of the meeting can be found in R4-99678[1]. A large amount of simulation results were presented by several companies for both FDD up- and downlink . During the adhoc meeting a procedure was adopted for arriving at values for the specification:

- 1) Agree on target BLER for different test-cases
- 2) list simulation results of multiple companies for different test-cases
- 3) Agree on a common value for a specific test-case
- 4) Agree on an implementation margin for a specific test-case
- 5) Agree on the value for the specification of a specific test-case

The output of the adhoc meeting were updated specifications for both FDD and TDD, that have been approved at RAN#5. It was agreed that simulation assumptions and results should be incorporated in the RF system scenario report 25.942.

Still many test-cases need simulations and additional assumptions need to be defined for some test-cases.

3. Planning of future work

Specifications have to be finalised in December 1999. 2 meetings are left for RAN WG4. At RAN4#8 test-cases need to be frozen and assumptions should be finalised, in order for RAN4#9 to decide on outstanding values for the specification based on simulation results.

It is proposed to continue to use the procedure as described in 2) for arriving at values for the specifications. Tdoc R4-99596[2] and R4-99597[3] can be extended to include additional simulation results.

References

- [1] R4-99678, Report AH01 meeting (30 September - 01 October 1999) – Rev. 2.0
- [2] R4-99596, Summary of link level simulation results FDD UE rev. 1.0
- [3] R4-99597, Summary of link level simulation results FDD BS rev. 1.0

¹ Peter van de Berg, Ericsson Mobile Communications, peter.vandeberg@ecs.ericsson.se