

Status Report for WI to TSG

Work Item Name: Support of Site Selection Diversity Transmission in UTRAN

SOURCE: Rapporteur

TSG: RAN

WG: WG1

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Ref. to WI sheet: RAN_Work_Items.doc

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

RAN1: RAN1 leads this WI. The WI was established in TSG-RAN #14. Objective of this WI is to provide an improved level of support for SSDD over lur and lub interfaces, particularly in respect of the Qth threshold parameter. In the subsequent two RAN1 meetings, two discussion papers [1][2] were treated and an appropriate CR [3] to TS25.214 was agreed. Moreover, liaison to RAN3 [4] was sent to inform the parameters agreed in RAN1. With the agreed CR, RAN WG1 work related to this WI is finalised.

RAN3: RAN3 related work for this WI is to specify signalling of the Qth parameter over the lub and lur interfaces. During RAN WG3 #27 the liaison [5] from RAN WG1 that shows the nature of Qth parameter was treated. According to the liaison, two CRs [6] [7], which specify signalling of the Qth parameter over the lub and lur interfaces, were approved. With these agreed CRs, RAN WG3 work related to this WI is finalised.

RAN4: The WI has not been treated yet.

List of Completed elements (for complex work items):

RAN1: Specify definition/ range of Qth parameter, step size, physical quantities measured at Node B, measurement period and signalling to support Qth parameter.

RAN3: Specify signalling of the Qth parameter over the lub and lur interfaces.

RAN4: None.

List of open issues:

RAN1: None.

RAN3: None.

RAN4: Specify performance requirements for Node B in RAN4 specifications.

Estimates of the level of completion (when possible):

RAN1: 100%

RAN3: 100%

RAN4: 0%

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

TSG RAN #16 (June 2002)

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

[1] R1-02-0028, "Quality threshold Qth in SSDD", NEC

[2] R1-02-0374, "Discussion on Qth parameter in SSDD for R5", NEC

[3] R1-02-0500, CR234r1 on 25.214: Definition of Qth parameter in SSDD

[4] R1-02-0457, LS on definition of Qth parameter for SSDD

[5] R3-020724, LS on definition of Qth parameter for SSDD

[6] R3-020785, CR554r2 on 25.423: Introduction of Qth signalling in UTRAN

[7] R3-020786, CR595r2 on 25.433: Introduction of Qth signalling in UTRAN