

## 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. Although RAN1 had already completed their work before the last TSG-RAN meeting #15, the approval of CR [1] was postponed in the last TSG-RAN to wait for the completion of all relevant tasks in other WGs. Since new specifications for Rel-5 were released after the last TSG-RAN meeting, the corresponding revised CR [2] referring to the new specifications was approved at the RAN WG1 meeting #26.

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. Although RAN3 had already completed their work before the last TSG-RAN meeting #15, the approval of CRs [3] [4] was postponed in the last TSG-RAN to wait for the completion of all relevant tasks in other WGs. Since new specifications for Rel-5 were released after the last TSG-RAN meeting, the corresponding revised CRs [5] [6] referring to the new specifications were approved at the RAN WG3 meeting #29.

With these agreed CRs, RAN WG3 work related to this WI is finalised.

**RAN4:** RAN4 related work for this WI is to specify performance requirements for Node B in RAN4 specifications. In the subsequent two RAN4 meetings, two discussion papers [7][8] were treated and appropriate CRs [9][10] to TS25.104, TS25.141 were agreed at the RAN WG4 meeting #23.

With these agreed CRs, RAN WG4 work related to this WI is finalised.

### **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:** Specify performance requirements for Node B.

### **List of open issues:**

**RAN1:** None.

**RAN3:** None.

**RAN4:** None.

### **Estimates of the level of completion (when possible):**

**RAN1:** 100%

**RAN3:** 100%

**RAN4:** 100%

**Overall:** 100%

### **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] R1-02-0500, CR234r1 on 25.214: Definition of Qth parameter in SSDT
- [2] R1-02-0778, CR265r1 on 25.214: Definition of Qth parameter in SSDT
- [3] R3-020785, CR554r2 on 25.423: Introduction of Qth signalling in UTRAN
- [4] R3-020786, CR595r2 on 25.433: Introduction of Qth signalling in UTRAN
- [5] R3-021592, CR554r4 on 25.423: Introduction of Qth signalling in UTRAN
- [6] R3-021388, CR595r3 on 25.433: Introduction of Qth signalling in UTRAN
- [7] R4-020540, discussion paper "BS performance requirements in SSDT"
- [8] R4-020952, discussion paper "BS performance requirements in SSDT"
- [9] R4-020957, CR124r1 on 25.104 "BS performance requirements in SSDT"
- [10] R4-020953, CR206r1 on 25.141 "BS performance requirements in SSDT"