

## Status Report for WI to TSG

**Work Item Name: UMTS 2.6 GHz FDD**

**SOURCE: Rapporteur**

**TSG: RAN**

**WG: 4**

**E-mail address rapporteur: jussi.numminen@nokia.com**

**Ref. to WI sheet: [ftp://ftp.3gpp.org/tsg\\_ran/TSG\\_RAN/Work\\_Item\\_sheets/](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#34 meeting 13 documents were presented for this WI. Baseline proposal for the UMTS2600 FDD WI TR was approved in document R4-050093. An Ad Hoc meeting was arranged on 17<sup>th</sup> Feb 2005; the report can be found in document R4-050271. 6 contributions were approved as an input for the TR.

In order to progress the open items, the rapporteur will arrange additional telephone conferences. Also an official email reflector dedicated for the RAN4 work on UMTS frequency variants will be set up by MCC.

### **List of Completed elements (for complex work items):**

- Introduction of frequency bands
- Text for section 4 (CEPT band plan)
- Text for section 5, Study of RF requirements (channel raster, co-existence with other IMT-2000 systems, Co-existence with adjacent services)
- NodeB transmitter and receiver requirements
- UE transmitter and receiver requirements

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

- Additional UE Power Class for multi-band terminals supporting both Band VII and the 2.6 GHz external DL band
- UE Reference sensitivity definition
- Node B transmitter requirements related to co-existence with TDD (within 2570 – 2620 MHz) in the same geographical area and co-location
- Node B receiver co-location requirements related to the 2570 – 2620 MHz band

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

60%

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

TSG RAN #28, June 2005

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

- |           |  |
|-----------|--|
| R4-050004 | UMTS 2600, Discussion, Rogers Wireless Inc.  |
| R4-050026 | Introduction of UMTS2600 frequency band definitions in TS 25.104, Approval, Ericsson, Nokia, Siemens   |
| R4-050057 | NodeB transmitter requirements in TS 25.104 related to UMTS2600 WI, Approval, Siemens, Nokia, Ericsson |
| R4-050093 | Baseline proposal for the UMTS2600 FDD WI TR, Approval, Nokia  |
| R4-050094 | Text proposal for the UMTS2600 WI TR, Section 4, Approval, Nokia                                       |
| R4-050095 | Text proposal for the UMTS2600 WI TR, Section 5, Approval, Nokia.                                      |

R4-050096 NodeB receiver requirements in TS 25.104 related to UMTS2600 WI, Approval, Nokia, Siemens, Ericsson

R4-050097 UE transmitter and receiver requirements in TS 25.101 related to UMTS2600 WI, Approval, Nokia.

R4-050098 Comments on R4-040737, Discussion, Nokia.

R4-050163 Introduction of UMTS2600 FDD/TDD co-location requirements in TS 25.104, Approval, Ericsson

R4-050205 Discussion on UMTS2600 FDD UE Sensitivity and Transmit Power, Discussion, Motorola

R4-050262 UE transmitter and receiver requirements in TS 25.101 related to UMTS2600 WI, Approval, Nokia, Motorola, Qualcomm.

R4-050271 UMTS2.6 Ad Hoc Report, Information, Nokia.