

Status Report for WI to TSG

**Work Item Name: UMTS 2600 MHz TDD**

**SOURCE: Rapporteur**

**TSG: RAN**

**WG: 4**

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**Ref. to WI sheet: RP-040453.doc, TSGRP#26 (2004)**

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

**RAN WG4:**

Six contributions were presented in RAN4#35 (Athens), where 3 were approved. The approved documents are text proposals into the TR and proposed CR with corresponding rationale to TS25.102 and TS25.105.

A draft outline (R4-050453) for the Technical Report was approved. It was agreed to add a section to keep track on changes to TS25.142 in the TR25.811 (UMTS 2.6 GHz TDD WI). The 2.6 GHz band is introduced into TS25.105 (R4-050455) in the form of a draft CR. A draft CR (R4-050565) on UE Receiver Characteristics was approved.

It was requested and agreed that the channel numbering should be based on 5 MHz carrier separation. It was agreed that a text will be added to TR25.811 that will describe the ACLR requirements for co-existence in same geographical area with unsynchronised TDD.

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

- Defined 2570-2620 MHz for downlink and uplink as a new (2.6 GHz) band operation for the BS.
- Specifications for UE Receiver Characteristics

**List of open issues:**

- Defined 2570-2620 MHz for downlink and uplink as a new (2.6 GHz) band operation for the UE.
- Update the channel numbering based on 5 MHz carrier separation
- Specifications for BS Transmitter Characteristics
- Specifications for BS Receiver Characteristics
- Specifications for UE Transmitter Characteristics

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

35 %

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

RAN#30 (December 2005)

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

R4-050453 "UMTS 2.6 GHz WI TR – Draft Outline," IPWireless  
R4-050454 "2.6 GHz TDD – New Band Introduction for 3.84 Mcps – TS25.102," IPWireless  
R4-050455 "2.6 GHz TDD Frequency Band Introduction for 3.84 Mcps – TS25.105," IPWireless  
R4-050456 "2.6 GHz TDD – Base Station Transmitter Characteristics & Propagation Conditions for 3.84 Mcps," IPWireless

- R4-050457 "2.6 GHz TDD – UE Receiver Characteristics & Propagation Conditions for 3.84 Mcps," IPWireless
- R4-050565 "2.6 GHz TDD – UE Receiver Characteristics & Propagation Conditions for 3.84 Mcps (Revision for R4-050457)," IPWireless