

## Status Report for WI HSDPA RF

**Work Item Name:** "High Speed Downlink Packet Access (HSPDA) – RF Radio Transmission/Reception, System Performance Requirements and Conformance Testing "

**SOURCE:** Rapporteur

**TSG:** RAN

**WG:** 4

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**Ref. to WI sheet:** 43: High Speed Downlink Packet Access (HSDPA)

**Progress Report since the last TSG :**

### **RAN 1 Status (presented for information in case of impact to WG4)**

QPSK-only UE capability agreement. Two 5-code UE capabilities added to current specifications (12 in total). But, will have lifetime limited to Release-5

- ?? CR for Closed-Loop Mode-1 Tx diversity for HSDPA agreed
- ?? Tx diversity mode-2 to be decided by December RAN Plenary
- ?? Dedicated pilots agreed to be optional UE capability
- ?? Minor issues under discussion with view to closure: HS-DPCCH detection at Node-B – associated signalling still under discussion, HS-DPCCH power control (deferred to Release-6), CQI reference timing (CR agreed subject to e-mail approval)

### **RAN 4 Status**

- ?? Fixed reference channel requirements agreed
- ?? Variable reference channel test procedure now under active discussion
- ?? Possibility to close issue by RAN4#25 (November)
- ?? Some dependency on RAN1 completing final HSDPA corrections so expected completion date is RAN#18

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

**List of open issues:**

As above

**Estimates of the level of completion (when possible):** 90% overall (UE and Node B)

**WI completion date review results from the discussion at the working group:** RAN#18

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

[1] R4-021266: TR 25.890 v1.1.0, "Technical Specification Group Radio Access Network; High Speed Downlink Packet Access: UE Radio Transmission and Reception (FDD) (Release 5) ".