
Status Report for WI to TSG

Work Item Name: FDD Base station classification; Rel 6

SOURCE: Rapporteur (Tuomo Säynäjäkangas, Nokia) **TSG:** RAN **WG:** 4

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Ref. to WI sheet: RAN_Work_Items.doc

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

RAN WG 4 has held 1 meeting since the work item status was lastly presented to TSG RAN #17. At this meeting 20 contributions were provided for this WI. 12 documents were approved. Most of the transmitter and receiver characteristics were approved for Medium range and Local area classes. The relation between rated output power and BS classes is for further investigation.

System scenarios, simulation assumptions and requirements for the Medium Range BS have been defined, and are shown in TR 25.951. Same shall be done also to Local area BS. Simulations and analysis are completed and results will be shown in TR25.951. Final requirements for all classes are almost finalised in WG4.

List of Completed elements (for complex work items) in TS 25.104:

Clause	Description	Status
4.2	Base station classes	Completed

List of open issues in TS25.104:

Clause	Description	Status in Medium Range	Status in Local Area
6.2	Base station output power	Open	Open
6.3	Frequency error	Completed	Completed
6.4	Output power dynamics	Completed	Completed
6.6.2.1	Spectrum emission mask	Completed	Completed
6.6.2.2	ACLR minimum requirement	Completed	Open
6.6.3	Spurious emissions	Completed	Completed
6.7	Transmit intermodulation	Completed	Completed
6.8	Transmit modulation	Completed	Completed
7.2	Reference Sensitivity Level	Completed	Completed
7.3	Dynamic range	Completed	Completed
7.4	ACS	Completed	Completed
7.5	Blocking Characteristics	Completed	Completed
7.6	Intermodulation Characteristics	Completed	Completed
8	Performance requirements	Completed	Open

Estimates of the level of completion (when possible):

95 %

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

TSG-RAN meeting #19 (March 2003)

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

TR 25.951 V1.4.0 (2002-11)