

Status Report for SI to TSG

Study Item Name: Feasibility study on UTRA Wideband Distribution System (WDS)

SOURCE: Rapporteur (Tekmar Sistemi)

TSG: RAN

WG: 4

E-mail address rapporteur: carlo.matarasso@tekmar.it

Ref. to SI sheet: RAN_Study_Items.doc

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

One contribution [1] was presented at the past RAN4 #26 meeting in Madrid.

The conclusion of the document was that a WDS with maximum output power of 20 dBm has a moderate impact on the overlaying macro-layer.

It was agreed to put these results into the WDS TR [2].

It was requested to have 3 additional months and move the completion date to June 2003.

The way forward is to produce again v1.1.0 incorporating only the simulations approved in this meeting and to make it available before next WG4 meeting.

List of Completed elements (for complex work items):

Assessment of the max output power of the WDS

List of open issues:

Additional simulations have to be performed in order to study other WDS critical RF parameters.

The conclusion section has to be updated according to the output of the simulations and the discussions at the RAN4 meetings.

Clauses of the TR, that have been approved by RAN4 but not by RANP, have to be reviewed by RAN4, and a decision has to be taken on whether they should be kept in the TR or removed.

Estimates of the level of completion (when possible): 40%

WI completion date review resulting from the discussion at the working group: June 2003

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

[1] R4-030159 Simulations of the impact of WDS on the FDD-UTRAN (Tekmar, Telefónica)

[2] TR25.867 v1.0.0