

TSG-RAN Working Group 1 meeting #19
Las Vegas, NV, USA
February 27-March 2, 2001

TSGR1#19(01)0431

Source: TSG RAN WG1

To: TSG-RAN WG3

Cc:

Title: LS on DL transmit power setting during UL out-of-synch

Contact: Jussi Kähtävä Email: jussi.kahtava@nokia.com

RAN WG1 would like to inform RAN WG3 that it discussed the behaviour of Node B transmission power when no TPC commands are received in uplink. Currently, the Rel-99 specification on physical layer procedures (TS25.214) does not define the Node B transmit power setting when UL is not received. In addition to RL setup this situation can also take place when the node B loses uplink synchronization.

Has RAN WG3 specified a procedure that Node B follows in this kind of situation?

The understanding from RAN WG1 specification is that no inner loop power control shall take place since uplink TPC commands might be invalid however no change request has been agreed so far on a specific node B behaviour for the cases listed above.

RAN WG1 seeks guidance from RAN WG3 on whether there is a need for RAN WG1 to define a specific node B transmit power setting for the following case:

?? the node B has lost uplink synchronisation i.e. the radio link set is in out-of synch state