

TSG-RAN Working Group 1 meeting #19  
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**Source:** TSG RAN WG1

**To:** TSG-RAN WG3

**Cc:**

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

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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 cases :

?? a radio link is initially setup on a frequency i.e. the radio link set it belong to is in initial state

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