

TSG-RAN Working Group1 meeting #11**TSGR1#11(00)0354****San Diego, CA, USA, February 29 – March 3, 2000**

Source : Nortel Networks
Title : Draft LS on Minimum and Maximum DL power
To : RAN WG3

RAN WG1 would like to inform RAN WG3 that RAN WG1 has discussed the subject of Minimum and Maximum DL power.

In the current RAN WG3 specifications, Minimum and Maximum DL power are set on a Radio Link basis i.e. the power used on any channelisation code of the radio link shall not go below or above these signalled values. At the same time, in RAN WG1 specifications, it is currently allowed to have several Coded Composite Transport Channels mapped onto different physical channels that are sent code multiplexed over the air. A given CCTrCh shall always be mapped onto physical channels using the same spreading factor, however different CCTrCH can be mapped onto physical channels that do not have the same spreading factor.

As different CCTrCh may have different requirements in terms of quality RAN WG1 would like to inform RAN WG3 that RAN WG1 would see some advantage in the possibility to set Minimum and Maximum DL power on a CCTrCh basis rather than on a Radio Link basis. RAN WG1 kindly asks RAN WG3 to update their specifications so that Minimum and Maximum DL power to be used on the channelisation codes of the radio link are set for each CCTrCH of the radio link.