

Dresden, Germany, Nov 30th – Dec 3rd, 1999

Liaison To : TSG-R2, TSG-R3

From : TSG-R1

Title : Liaison statement on minimum Eb/No range

RAN WG1 would like to thank RAN WG 3 for their liaison statement on the Eb/No range. In this liaison statement WG3 asked RAN WG1 to provide some indication on the need to consider limits on the Eb/No target for the outer loop in form of a Eb/No minimum and maximum target provided by the UTRAN. RAN WG1 reviewed the liaison. RAN WG1 would like to inform RAN WG3 that the split of responsibility for the outer loop power control between RAN WG1 and RAN WG2 is such that the outer loop is within the RAN WG2 scope, RAN WG1 being responsible for the inner loop power control. Though on the downlink outer loop power control, RAN WG1 would like to indicate that allowing the UE to decrease in an autonomous way the Eb/No to 0 dB may lead to a situation where the UE will ask the node B to decrease its power until the minimum power is reached without any control of the network. Although WG1 does not have the full picture of the impact, WG1 expects that such situation may not be desirable.