

Source: RAN2

To: TSG-RAN WG3

Title: **Answer to LS on the usage of the Physical channel BER as UL
Quality estimate in the UL DCH Frame Protocol on lub/lur**

RAN WG2 would like to thank RAN WG3 for the liaison statement on usage of BER in the Frame Protocol on lub/lur [1].

Having physical channel BER on the lub and lur interfaces for macro diversity combining and uplink outer loop power control are inline with WG2 assumptions.

However, questions were raised whether BER "has to be included in every UL DCH frame" on lub/lur since it is expected that frames within the same transmission time interval should have the same physical channel BER, although their target BER after decoding are different.

It was also doubted if physical channel BER was possible to achieve per transport channel.

To the additional question whether 6 bits was enough to transfer this information, WG2 has not studied this and if 6 bits is enough also depends on what value range is chosen.

[1] TSGR2#7(99)A25, Liaison Statement on the usage of the Physical channel BER as UL Quality estimate in the UL DCH Frame Protocol on lub/lur