

Source: Ericsson
Title: Draft Liaison Gated DPCCH transmission
To: TSG RAN WG2

Document for:

WG1 would like to thank WG2 for their questions and comments regarding the use of gated DPCCH transmission at the cell boundary.

Based on discussions in WG1, it can currently not be guaranteed that coverage with uplink gated DPCCH transmission will not be reduced, compared coverage in case of normal transmission. To guarantee unaffected coverage one could:

- Limit the use of uplink gated transmission to only a part of the cell. To ensure that the required RRC signalling does not block more vital RRC signalling, an additional margin when determining the area where to use gated transmission would be needed.
- Limit the use of uplink gated transmission to cells where the cell boundary is not determined by power constraints in the UE.

WG1 would like to know if such solutions would be acceptable for WG2?

WG1 would also like to inform WG2 that the current assumption in WG1 is that the implementation and use of uplink gated transmission is an option in both UTRAN and the UE.