

Agenda Item: 17
Source: Samsung
Title: Proposed Work Item on Gated DPCCH Transmission
Document for: Discussion

Work Item Description

Title

Gated DPCCH Transmission

Intended Output in RAN1 specification

Modification of the specification to include support for Gated DPCCH transmission

TS 25.214 FDD; Physical layer procedures

Impact on Other Technical Specifications and Technical Reports

There may be impact on the following technical specifications:

TS 25.301	Radio Interface Protocol Architecture
TS 25.302	Services provided by the physical layer
TS 25.331	Radio Resource Control (RRC) Protocol Specification
TS 25.101	UE Radio transmission and reception (FDD)
TS 25.423	UTRAN Iur Interface RNSAP Signalling
TS 25.433	UTRAN Iub Interface NBAP Signalling

Technical Scope

Gated DPCCH transmission was proposed to provide UE battery saving, interference reduction, and capacity increase. It has been intended to Release 99 and included as a working assumption in RAN1, however, it was postponed to Release 2000 item. In Release 2000, the expected amount of required work seems to be negligible because most of the issues were discussed already. Those issues include random gating patterns and asymmetric gated transmission, etc.

Impact on Other 3GPP work items

None

Schedule

- | | |
|----------------------------|-------------------|
| - Work item creation | 03/2000 |
| - Discussion on the issues | 03/2000 ~ 04/2000 |
| - Approval of CRs | 04/2000 |
| - RAN Plenary approval | 06/2000 |