

Agenda Item: 14
Source: InterDigital
Title: Outer Loop Power Control for TDD Mode.
Document For: Decision

1 Introduction

TSG RAN WG1 has approved in principle a procedure for outer loop power control for TDD uplink dedicated channels [1]. The implementation of this concept requires Layer 2/3 procedures; i.e. messaging between Node B and the RNC and between the RNC and the UE and involves the periodic adjustment of target SIR for dedicated channels

2 Proposal

1. Add a parameter and modify the Uplink DPCH power control info information element in the RRC specification, 25.331. This parameter is used in the initial setup to set the initial target SIR and can be changed when appropriate through a physical channel reconfiguration. This parameter is mandatory in TDD and is FFS for FDD.

10.2.6.7 Uplink DPCH power control info

Interference level measured for a frequency at the UTRAN access point used by UE to set ~~initial~~ DPCH output power.

<u>Parameters</u>	<u>REFERENCE</u>	<u>TYPE</u>	<u>NOTE</u>
<u>UL target SIR</u>		<u>M</u>	<u>TDD Only, FDD use FFS</u>

3 References

[1] TS 25.224 V1.0.1 Physical Layer Procedures (TDD).