Source:	**Siemens**
Title:	**Removal of chapter on DTX for TDD mode**
For:	**Discussion and Approval**

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With reference to [1], discontinuous transmission (DTX) is applied in up- and downlink when the total bit rate after transport channel multiplexing differs from the total channel bit rate of the allocated dedicated physical channels. (Note: More than one physical channel can be allocated.)

In [2] rate matching is performed by repetition and puncturing of the different transport channels, only. The set of puncturing/repetition factors is determined, among other things, based on the following criterion:

"The total bit rate after transport channel multiplexing is identical to the total channel bit rate of the dedicated physical channel."

According to this, minimising transmitting power from UE, when voice information, user information or control information is not present, can only be performed by discarding allocated dedicated physical channels. Thus, it is not necessary to specify a special requirement for DTX. The requirement of DTX is covered by chapter 6.5 from TS25.102 on "transmit ON/OFF ratio". It is proposed to remove chapter 6.6 from TS25.102.

References

[1] TS25.224; "TDD, Physical Layer Procedures Description"; v1.0.0; 1999-04; chapter 4.7; Discontinuous transmission (DTX) of radio frames

[2] TS25.222 ; "Multiplexing and channel coding (TDD)"; v1.1.0; 1999-06; chapter 6.2.5; Rate Matching