



**Universal Mobile Telecommunications System (UMTS);  
Dynamically reconfiguring a Frequency Division Duplex (FDD)  
User Equipment (UE) receiver to reduce power consumption  
when desired Quality of Service (QoS) is met  
(3GPP TR 25.906 version 14.0.0 Release 14)**

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Keywords

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# 1 Scope

The objectives of this study are:

- a) RAN4 to identify whether there are situations in which individual UE receiver performance reduction has no, or minimal impact to the overall UTRAN system level performance or user experience. RAN4 should also identify scenarios in which UE receiver performance reduction cannot safely be performed.
- b) RAN4 to investigate scenarios for the identified situations where the UE could reduce its performance. The purpose of these scenarios is to ensure that UE performance is not degraded when conditions are not suitable.
- c) RAN2 to investigate additional signalling which may be beneficial to support Ues in the decision making process for reducing their performance, for example quality thresholds which assist the UE in determining that conditions are suitable to reduce receiver performance.

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# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

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- [1] 3GPP TR 21.905: “Vocabulary for 3GPP Specifications”.
- [2] 3GPP TS 25.214: “Physical layer procedures (FDD)”.
- [3] 3GPP TS 25.101: “UE Radio transmission and reception (FDD)”.
- [4] 3GPP TS 25.331: “RRC Protocol Specification”.

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# 3 Definitions and abbreviations

## 3.1 Definitions

For the purposes of the present document, the terms and definitions given in TR 21.905 [1] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in TR 21.905 [1].

(no further terms defined)