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**Universal Mobile Telecommunications System (UMTS);  
UTRAN Iuant interface: Application part  
(3GPP TS 25.466 version 13.1.0 Release 13)**



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# 1 Scope

The present document specifies the *Remote Electrical Tilting Application Part (RETAP)* between the implementation specific O&M transport function and the RET Antenna Control unit function of the Node B/eNB. The document also specifies the *Tower Mounted Amplifier Application Part (TMAAP)* between the implementation specific O&M transport function and the TMA control function of the Node B/eNB. It defines the Iuant interface and its associated signaling procedures.

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[1] Void

[2] Void

[3] 3GPP TS 25.462: "UTRAN Iuant Interface: Signalling Transport".

[4] 3GPP TS 25.461: "UTRAN Iuant Interface: Layer 1".

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# 3 Definitions and abbreviations

## 3.1 Definitions

For the purposes of the present document, the following terms and definitions apply.

**Active alarm:** An alarm which has an alarm state that has been raised, but not cleared

**Alarm:** Persistent indication of a fault

**Alarm code:** A code that identifies a specific alarm. The alarm code set is a subset of the return code set. The alarm codes are listed in annex A of this TS

**Alarm state:** A condition or state in the existence of an alarm. Alarm states are raised and cleared

**ASCII character:** A character forming part of the International Reference Version of the 7-bit character set defined in ISO/IEC 646:1991

**Calibrate:** Exercise the antenna drive unit over its entire range of travel to ensure fault-free operation and synchronise the measured and actual beam tilt of the antenna

**Configuration data:** A stored table or function defining the relationship between the physical position of the drive and electrical beam tilt

**Data type:** A definition determining the value range and interpretation of a series of octets. The following specified data types are used in this TS: