

(R4-0204488, copy TSG-RAN) LS on UE control and monitoring functions

**Title:** Liaison Statement on UE control and monitoring functions  
**Source:** RAN4  
**To:** MSG TFES  
**Cc:** RAN, T1/RF

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### 1. Overall Description:

3GPP PCG has decided that 3GPP specifications will have to include all regional regulatory requirements. The candidate Harmonised Standard EN 301 908 Part1 [1] in section 4.2.4 Control and monitoring functions (UE) has been identified as missing in 3GPP TSG RAN4 specifications TS25.101 and TS25.102. At the TSG RAN4 meeting #21 in Sophia-Antipolis (France), the inclusion of this requirement was considered by the committee but some concerns were raised on the possible incorrect interpretation of the requirement if a direct copy of the text from EN 301 908 Part1 section 4.2.4 would be incorporated in TS25.101 and TS25.102 without any modification.

For convenience, the current text in EN 301 908-1 v1.1.1 section 4.2.4 is recalled:

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#### 4.2.4 Control and monitoring functions (UE)

##### 4.2.4.1 Definition

This requirement, together with other control and monitoring technical requirements identified in the table of cross references in the applicable part, verifies that the control and monitoring functions of the UE prevent it from transmitting when it is not receiving a signal from a valid network.

This test is applicable to radio communications equipment and ancillary equipment.

This test shall be performed on the radio communications equipment and/or a representative configuration of the ancillary equipment.

##### 4.2.4.2 Limits

The maximum measured power during the duration of the test shall not exceed -30 dBm.

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The main problem identified by TSG RAN4 was that the wording "the control and monitoring functions of the UE prevent it from transmitting when it is not receiving a signal from a valid network" would implicitly mean that a UE is not allowed to transmit when it is not receiving a signal **at the same time**. Such a statement completely contradicts with a lot of features specified within 3GPP (i.e. FDD compressed mode and even the TDD mode to name a few).

3GPP TSG RAN4 would kindly ask TFES to consider the following alternative wording for the Release 2 of the Candidate Harmonised Standard EN 301 908-1. Based upon TFES decision, TSG RAN4 will incorporate the missing requirement in TS25.101 and TS25.102.

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## TSG RAN4 proposal for EN 301 908 Part1 release 2

### 4.2.4 Control and monitoring functions (UE)

#### 4.2.4.1 Definition

This requirement, together with other control and monitoring technical requirements identified in the table of cross references in the applicable part, verifies that the control and monitoring functions of the UE prevent it from transmitting ~~before achieving frequency and time synchronisations when it is not receiving a signal from a valid network.~~

This test is applicable to radio communications equipment and ancillary equipment.

This test shall be performed on the radio communications equipment and/or a representative configuration of the ancillary equipment.

#### 4.2.4.3 Limits

The maximum measured power ~~of the UE before it achieves frequency and time synchronisations during the duration of the test~~ shall not exceed -30 dBm.

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### 3. Date of Next RAN4 Meetings:

Meeting No.	Date	Host	Location
RAN WG4 #22	3 - 5 April 2002	ETSI	Sophia Antipolis, France
RAN WG4 #23	13-17 May 2002	Samsung	Korea