**3GPP TSG-RAN WG4 Meeting #** **99-eR4-2108473**

**Electronic Meeting, May. 19-27, 2021**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **38.113** | **CR** | **0037** | **rev** | **1** | **Current version:** | **15.13.0** |  |
|  |
| *For* ***[HE](http://www.3gpp.org/3G_Specs/CRs.htm%22%20%5Cl%20%22_blank)******[LP](http://www.3gpp.org/3G_Specs/CRs.htm%22%20%5Cl%20%22_blank)*** *on using this form: comprehensive instructions can be found at <http://www.3gpp.org/Change-Requests>.* |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network | **X** | Core Network |  |

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|  |
| ***Title:***  | CR to TS 38.113: Radiated emission, ancillary equipment |
|  |  |
| ***Source to WG:*** | ZTE |
| ***Source to TSG:*** | R4 |
|  |  |
| ***Work item code:*** | NR\_newRAT-Core |  | ***Date:*** | 2021-05-11 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***Release:*** | Rel-15 |
|  | *Use one of the following categories:****F*** *(correction)****A*** *(mirror corresponding to a change in an earlier release)****B*** *(addition of feature),* ***C*** *(functional modification of feature)****D*** *(editorial modification)*Detailed explanations of the above categories canbe found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | *Use one of the following releases:Rel-8 (Release 8)Rel-9 (Release 9)Rel-10 (Release 10)Rel-11 (Release 11)…Rel-15 (Release 15)Rel-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)* |
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| ***Reason for change:*** | The radiated emission of the ancillary equipment can only meet the limit of Class B. For ancillary equipment intended to be used in an telecommunication centres, the Class A limits given in CISPR 32 may be used. |
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| ***Summary of change:*** | Add the Class A limits for ancillary equipment intended to be used in an telecommunication centres. |
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| ***Consequences if not approved:*** | For ancillary equipment intended to be used in an telecommunication centres, the Class B limit will be incorrectly used for radiated emission.  |
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| ***Clauses affected:*** | 8.2.2 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **X** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  | **X** |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

**--------------Start of text change-------------**

### 8.2.2 Radiated emission, ancillary equipment

This test is only applicable to *ancillary equipment* not incorporated in the radio equipment and intended to be measured on a stand-alone basis, as declared by the manufacturer. This test shall be performed on a representative configuration of the *ancillary equipment*.

This test is not applicable for *ancillary equipment* incorporated in the radio equipment, or for *ancillary equipment* intended to be measured in combination with the radio equipment. In these cases, the requirements of the relevant product standard for the effective use of the radio spectrum shall apply.

#### 8.2.2.1 Definition

This test assesses the ability of *ancillary equipment* to limit unwanted emission from the *enclosure port*.

#### 8.2.2.2 Test method

The test method shall be in accordance with CISPR 32 [11].

#### 8.2.2.3 Limits

The *ancillary equipment* shall meet the limits according to CISPR 32 [11] table A.4 and table A.5.

For the referred limit values, the following shall apply:

- Where the limits value varies over a given frequency range, it changes linearly with respect to the logarithm of the frequency.

- Where there is a step in the relevant limit, the lower value shall be applied at the transition frequency.

Table 8.2.2.3-1: (Void)

Table 8.2.2.3-2: (Void)

Alternatively, for *ancillary equipment* intended to be used in telecommunication centres only, the class A limits given in CISPR 32 [11], annex A, table A.2 and table A.3 may be used.

**-------------End of change-------------**