**3GPP TSG-SA4 Meeting #116-e *S4-211630***

**Online, 10 – 19 November 2021**

|  |
| --- |
| *CR-Form-v12.1* |
| **DRAFT CHANGE REQUEST** |
|  |
|  | **26.131** | **CR** | **<CR#>** | **rev** | **-** | **Current version:** | **17.0.0** |  |
|  |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **x** | Radio Access Network |  | Core Network |  |

|  |
| --- |
|  |
| ***Title:***  | Requirements for HaNTE |
|  |  |
| ***Source to WG:*** | Qualcomm Incorporated |
| ***Source to TSG:*** | S4 |
|  |  |
| ***Work item code:*** | HaNTE |  | ***Date:*** | 2021-11-18 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***Release:*** | Rel-17 |
|  | *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)* |
|  |  |
| ***Reason for change:*** | UEs featuring non-traditional earpieces pose challenges for handset mode acoustic testing. For example, a UE may exclusively use a vibrating display to produce sound when operating in handset mode, offering no clearly identifiable centre of an earpiece to position the headset for testing. Additionally, such UE could potentially radiate sound to an unintended eavesdropper. |
|  |  |
| ***Summary of change:*** | Add privacy in receive direction (max volume) recommendation |
|  |  |
| ***Consequences if not approved:*** | UE acoustic radiation to an unintended eavesdropper is unknown |
|  |  |
| ***Clauses affected:*** | 5.16 (new), 6.16 (new), 7.16 (new), 8.16 (new) |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  |  |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** | **x** |  |  Test specifications | TS 26.131 CR ... |
| ***(show related CRs)*** |  |  |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

## 5.16 Privacy in receive direction (max volume)

The differences in the handset mode Loudness Level (LA), and the far-field Loudness Level (LB) RLRs measured from the HATS EEP in points A, B, C, D and E should be more than [TBD] phon.

Compliance shall be checked by the relevant test described in TS 26.132.

## 6.15 Privacy in receive direction (max volume)

The differences in the handset mode Loudness Level (LA), and the far-field Loudness Level (LB) RLRs measured from the HATS EEP in points A, B, C, D and E should be more than [TBD] phon.

Compliance shall be checked by the relevant test described in TS 26.132.

## 7.15 Privacy in receive direction (max volume)

The differences in the handset mode Loudness Level (LA), and the far-field Loudness Level (LB) RLRs measured from the HATS EEP in points A, B, C, D and E should be more than [TBD] phon.

Compliance shall be checked by the relevant test described in TS 26.132.

## 8.15 Privacy in receive direction (max volume)

See requirements for super-wideband.

End of changes