**3GPP TSG- Meeting #**

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| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
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|  |  | **CR** |  | **rev** | **1** | **Current version:** |  |  |
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| *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>.* |
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| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network |  |

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| ***Title:***  |  |
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| ***Source to WG:*** |  |
| ***Source to TSG:*** |  |
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| ***Work item code:*** |  |  | ***Date:*** |  |
|  |  |  |  |  |
| ***Category:*** |  |  | ***Release:*** |  |
|  | *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-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19) Rel-20 (Release 20)* |
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| ***Reason for change:*** | To introduce measurement delay test cases for LPHAP in RRC\_INACTIVE state for non-RedCap and RedCap UEs. |
|  |  |
| ***Summary of change:*** | New sections are introduced for:* measurement reporting delay TC for RSTD measurement when eDRX > 10.24s is configured to non-RedCap UE;
* measurement reporting delay TC for RSTD measurement when eDRX > 10.24s is configured to RedCap UE.
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| ***Consequences if not approved:*** | UE capability to meet RSTD measurement reporting delay when configured with eDRX > 10.24s and measurement reporting interval smaller than eDRX cycle cannot be verified. |
|  |  |
| ***Clauses affected:*** | New clauses: A.6.8.1.X and A.16.A.X.3 are added. |
|  |  |
|  | **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 DraftCR covers set 9-1 and 9-2 agreed in the work split document R4-2406382 in RAN4#110bis. |
|  |  |
| ***This CR's revision history:*** |  |

**START OF CHANGE 1**

##### A.6.8.1.X NR RSTD measurement reporting delay test case for single positioning frequency layer in FR1 SA in RRC\_INACTIVE state when eDRX cycle > 10.24s for non-RedCap UE

###### A.6.8.1.X.1 Test Purpose and Environment

The purpose of the test is to verify that the RSTD measurement meets the requirements specified in Clause 5.6.2.5 when the configured eDRX cycle is longer than 10.24s in an environment with AWGN propagation conditions in FR1 in standalone scenario when single positioning frequency layer is configured.

The supported test configurations are specified in Table A.6.8.1.X.1-1.

Table A.6.8.1.X.1-1: Supported test configurations

|  |  |
| --- | --- |
| Configuration | Description |
| 1 | 15 kHz SSB SCS, 20 MHz bandwidth, FDD duplex mode |
| 2 | 15 kHz SSB SCS, 20 MHz bandwidth, TDD duplex mode |
| 3 | 30 kHz SSB SCS, 50 MHz bandwidth, TDD duplex mode |
| Note: The UE is only required to be tested in one of the supported test configurations. |

In the test there are three synchronous cells: Cell 1, Cell 2 and Cell 3. Cell 1 is the reference as well as the PCell. Cell 2 and Cell 3 are the neighbour cells. All 3 cells are on the same RF channel in FR1.

The test consists of two consecutive time intervals, with duration of T1 and T2. During time duration T1, the UE shall be in RRC\_CONNECTED state and shall not have any timing information of Cell 2 and Cell 3. During T2 UE shall be in RRC\_INACTIVE state and all three cells transmit PRS resources within initial DL BWP of the UE and with the same numerology as the initial DL BWP.

***Note****: The information on when PRS is muted is conveyed to the UE using PRS muting information.*

The *NR-DL-TDOA-ProvideAssistanceData* and *nr-DL-TDOA-RequestLocationInformation* as defined in TS 37.355 [34, clause 6.5.10], shall be provided to the UE during T1. The UE is configured to report positioning measurements every 20s via *reportingInterval* in *nr-DL-TDOA-RequestLocationInformation* such the value of *reportingInterval* is set to "*ri20*". The last TTI containing the two messages shall be provided to the UE ΔT ms before the start of T2, where ΔT = 50 ms is the maximum processing time of the DL-TDOA assistance data and location information request.

The beginning of the time interval T2 is not limited to PTW.

The UE is configured with eDRX cycle of 40.96s.

The general test parameters are listed in Table A.6.8.1.X.1-2, and cell specific test parameters are listed in Table A.6.8.1.X.1-3 and Table A.6.8.1.X.1-4.

Table A.6.8.1.X.1-2: General test parameters for RSTD measurement reporting delay.

|  |  |  |  |
| --- | --- | --- | --- |
|  Parameter | Unit | Value | Comment |
| Reference cell |  | Cell 1 | Reference cell is the cell in the DL-TDOA assistance data with respect to which the RSTD measurement is defined, as specified in TS 38.215 [4] and TS 37.355 [34]. The reference cell is the PCell in this test case. |
| Neighbor cells |  | Cell 2 and Cell 3 | Cell 2 and Cell 3 appear at the first and second places in the neighbour cell list in the DL-TDOA assistance data. |
| SSB configuration | Config 1 |  | SSB.1 FR1 |  |
| Config 2 |  | SSB.1 FR1 |
| Config 3 |  | SSB.2 FR1 |
| SMTC configuration | Config 1 |  | SMTC.2 |  |
| Config 2 |  | SMTC.1 |
| Config 3 |  | SMTC.1 |
| PDSCH RMC configuration | Config 1 |  | SR.1.1 FDD |  |
| Config 2 |  | SR.1.1 TDD |  |
| Config 3 |  | SR.2.1 TDD |  |
| RMSI CORESET RMC configuration | Config 1 |  | CR.1.1 FDD | As specified in clause A.3.1.2.1 |
| Config 2 |  | CR.1.1 TDD |  |
| Config 3 |  | CR.2.1 TDD |  |
| Dedicated CORESET RMC configuration | Config 1 |  | CR.1.1 FDD |  |
| Config 2 |  | CR.1.1 TDD |  |
| Config 3 |  | CR.2.1 TDD |  |
| Initial BWP configuration | Config 1,2,3 |  | DLBWP.0.1 ULBWP.0.1 |  |
| Active UL BWP configuration | Config 1,2,3 |  | ULBWP.1.1 |  |
| PRS Configuration | Config 1 |  | PRS.1.1 FR1 | As specified in clause A.3.31 |
| Config 2 |  | PRS.1.2 FR1 |
| Config 3 |  | PRS.2.1 FR1 |
| Physical cell ID PCI |  | (PCI of Cell 1 – PCI of Cell 2) mod 6 = 0and(PCI of Cell 1 – PCI of Cell 3) mod 6 = 0  | The cell PCIs are selected such that the relative shifts of PRS patterns among cells are as given by the test parameters |
| CP length |  | Normal |  |
| DRX | s | 1.28 |  |
| CN and RAN eDRX configuration | s | eDRX length = 40.96PTW length = 10.24 |  |
| Radio frame receive time offset between the cells at the UE antenna connector | μs | Cell 2 to Cell 1: 0Cell 3 to Cell 1: 3 | PRS are transmitted from synchronous cells |
| Expected RSTD | μs | Cell 2: 3 Cell 3: 3Other neighbour cells: randomly between -3 and 3 | The expected RSTD is what is expected at the receiver. The corresponding parameter in the DL-TDOA assistance data specified in TS 37.355 [34] is the expectedRSTD indicator |
| Expected RSTD uncertainty for all neighbour cells | μs | 5 | The corresponding parameter in the DL-TDOA assistance ta specified in TS 37.355 [34] is the expectedRSTD-Uncertainty index |
| Number of cells provided in DL-TDOA assistance data |  | 4 | Including the reference cell |
| PRS muting info |  | Cell 1: ‘10’Cell 2: ‘01’Cell 3: ‘10’ | Correponds to *NR-MutingPattern* defined in TS 37.355 [34] |
| PRS resource RE offset |  | Cell 1: 0Cell 2: 0Cell 3: 1 | Cell 1 and Cell 3 are configured with different resource offsets |
| T1 | s | 3 | The length of the time interval from the beginning of each test |
| T2 | s | 5 | The length of the time interval that follows immediately after time interval T1. |

Table A.6.8.1.X.1-3: Cell-specific test parameters for RSTD measurement reporting delay during T1.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Unit | Cell 1 | Cell 2 | Cell 3 |
| NR RF Channel Number |  | 1 | 1 | 1 |
| Positiong frequency layer  |  | 1 | 1 | 1 |
| Correlation Matrix and Antenna Configuration |  | 12 Low | 12 Low | 12 Low |
| OCNG patterns defined in A.3.2.1 |  | OP.1 | N/A | N/A |
| Note 3 | Config 1 | dBm/SCS | -98 |
| Config 2 | dBm/SCS | -98 |
| Config 3 | dBm/SCS | -95 |
| PRS  | dB | -Infinity | -Infinity | -Infinity |
| SSB  | dB | 10 | -Infinity | -Infinity |
| Io Note 4 | Config 1 | dBm/19.08MHz | -56.54 | -56.54 | -56.54 |
| Config 2 | dBm/19.08MHz | -56.54 | -56.54 | -56.54 |
| Config 3 | dBm/47.88MHz | -52.56 | -52.56 | -52.56 |
| SSB RP Note4 | Config 1 | dBm/SCS | -88 | -Infinity | -Infinity |
| Config 2 | dBm/SCS | -88 | -Infinity | -Infinity |
| Config 3 | dBm/SCS | -85 | -Infinity | -Infinity |
| Propagation Condition  |  | AWGN |
| Note 1: OCNG shall be used such that active cell (Cell 1) is fully allocated and a constant total transmitted power spectral density is achieved for all OFDM symbols.Note 2: The resources for uplink transmission are assigned after the end of time period T2 to UEs that do not support SDT for measurement reporting.Note 3: Interference from other cells and noise sources not specified in the test are assumed to be constant over subcarriers and time and shall be modelled as AWGN of appropriate power for to be fulfilled.Note 4: SSB RP and Io levels have been derived from other parameters and are given for information purpose. These are not settable test parameters. |

Table A.6.8.1.X.1-4: Cell-specific test parameters for RSTD measurement reporting delay during T2.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Unit | Cell 1 | Cell 2 | Cell 3 |
| T2 | T2 | T2 |
| NR RF Channel Number |  | 1 | 1 | 1 |
| Correlation Matrix and Antenna Configuration |  | 12 Low | 12 Low | 12 Low |
| OCNG patterns defined in A.3.2.1 |  | OP.1 | OP.1 | OP.1 |
| PRACH configuration |  | FR1 PRACH configuration 1 | FR1 PRACH configuration 1 | FR1 PRACH configuration 1 |
| Note 3 | Config 1 | dBm/SCS | -98 | -98 | -98 |
| Config 2 | dBm/SCS | -98 | -98 | -98 |
| Config 3 | dBm/SCS | -95 | -95 | -95 |
| PRS  | Config 1 | dB | -5.45 | -11.67 | -11.67 |
| Config 2 | dB | -5.45 | -11.67 | -11.67 |
| Config 3 | dB | -5.45 | -11.67 | -11.67 |
| Io Note 4 | Config 1 | dBm/19.08MHz | -65.43 | -65.43 | -65.43 |
| Config 2 | dBm/96.48MHz | -65.43 | -65.43 | -65.43 |
| Config 3 | dBm/47.88MHz | -61.44 | -61.44 | -61.44 |
| PRS  | dB | -6 | -13 | -13 |
| Propagation Condition  |  | AWGN |
| Note 1: OCNG shall be used such that active cells (all, except Cell 3 in T2) are fully allocated and a constant total transmitted power spectral density is achieved for all OFDM symbols other than those in the subframes with transmitted PRS.Note 2: The resources for uplink transmission are assigned after the end of time period T2 to UEs that do not support SDT for measurement reporting. Note 3: Interference from other cells and noise sources not specified in the test are assumed to be constant over subcarriers and time and shall be modelled as AWGN of appropriate power for to be fulfilled. |

###### A.6.8.1.X.2 Test Requirements

The RSTD measurement time fulfils the requirements specified in Clause 5.6.2.5.

The UE shall perform and report the RSTD measurements for Cell 2 and Cell 3 with respect to the reference cell in the DL-TDOA assistance data, Cell 1, within the time duration specified in section 5.6.2.5 starting from the beginning of time interval T2.

***NOTE****: The actual overall delays measured in the test may be higher than the time duration above because of the uncertainty in acquiring the first available PRACH occasion to transition to RRC\_CONNECTED state to report the measurements.*

The rate of the correct events for each neighbour cell observed during the repeated tests shall be at least 90%, where the reported RSTD measurement for each correct event shall be within the RSTD reporting range specified in the Clause 10.1.23.3, i.e., between RSTD\_000000000 and RSTD\_126083073.

**END OF CHANGE 1**

**START OF CHANGE 2**

##### A.16.A.X.3 NR RSTD measurement reporting delay test case for single positioning frequency layer in FR1 SA in RRC\_INACTIVE state when eDRX cycle > 10.24s for RedCap UE

###### A.16.A.X.3.1 Test Purpose and Environment

The purpose of the test is to verify that the RSTD measurement, reported by RedCap UE with 1Rx or 2Rx branches, meets the requirements specified in Clause 5.6A.4.5 when the RedCap UE is configured with eDRX cycle longer than 10.24s in an environment with AWGN propagation conditions in FR1 in standalone scenario when single positioning frequency layer is configured.

The supported test configurations are specified in Table A.16.A.X.3.1-1.

Table A.6.8.1.X1.1-1: Supported test configurations

|  |  |
| --- | --- |
| Configuration | Description |
| 1 | 15 kHz SSB SCS, [10 MHz] bandwidth, FDD duplex mode |
| 2 | 15 kHz SSB SCS, [10 MHz] bandwidth, TDD duplex mode |
| 3 | 30 kHz SSB SCS, [20 MHz] bandwidth, TDD duplex mode |
| 4 | 15 kHz SSB SCS, [10 MHz] bandwidth, HD-FDD duplex mode |
| Note: The UE is only required to be tested in one of the supported test configurations. |

In the test there are three synchronous cells: Cell 1, Cell 2 and Cell 3. Cell 1 is the reference as well as the PCell. Cell 2 and Cell 3 are the neighbour cells. All 3 cells are on the same RF channel in FR1.

The test consists of two consecutive time intervals, with duration of T1 and T2. During time duration T1, the UE shall be in RRC\_CONNECTED state and shall not have any timing information of Cell 2 and Cell 3. During T2 UE shall be in RRC\_INACTIVE state and all three cells transmit PRS resources within initial DL BWP of the UE and with the same numerology as the initial DL BWP.

***Note****: The information on when PRS is muted is conveyed to the UE using PRS muting information.*

The *NR-DL-TDOA-ProvideAssistanceData* and *nr-DL-TDOA-RequestLocationInformation* as defined in TS 37.355 [34, clause 6.5.10], shall be provided to the UE during T1. The UE is configured to report positioning measurements every 20s via *reportingInterval* in *nr-DL-TDOA-RequestLocationInformation* such the value of *reportingInterval* is set to "*ri20*". The last TTI containing the two messages shall be provided to the UE ΔT ms before the start of T2, where ΔT = 50 ms is the maximum processing time of the DL-TDOA assistance data and location information request.

The beginning of the time interval T2 is not limited to PTW.

The UE is configured with eDRX cycle of 40.96s.

The general test parameters are listed in Table A.16.A.X.3.1-2, and cell specific test parameters are listed in Table A.16.A.X.3.1-3 and Table A.16.A.X.3.1-4.

Table A.16.A.X.3.1-2: General test parameters for RSTD measurement reporting delay.

|  |  |  |  |
| --- | --- | --- | --- |
|  Parameter | Unit | Value | Comment |
| Reference cell |  | Cell 1 | Reference cell is the cell in the DL-TDOA assistance data with respect to which the RSTD measurement is defined, as specified in TS 38.215 [4] and TS 37.355 [34]. The reference cell is the PCell in this test case. |
| Neighbor cells |  | Cell 2 and Cell 3 | Cell 2 and Cell 3 appear at the first and second places in the neighbour cell list in the DL-TDOA assistance data. |
| SSB configuration | Config 1,4 |  | SSB.4 RedCap FR1 |  |
| Config 2 |  | SSB.4 RedCap FR1 |
| Config 3 |  | SSB.5 RedCap FR1 |
| SMTC configuration | Config 1,4 |  | SMTC.1 RedCap |  |
| Config 2 |  | SMTC.1 RedCap |
| Config 3 |  | SMTC.1 RedCap |
| PDSCH RMC configuration | Config 1,4 |  | SR.1.1 FDD |  |
| Config 2 |  | SR.1.1 TDD |  |
| Config 3 |  | SR.2.1 TDD |  |
| RMSI CORESET RMC configuration | Config 1,4 |  | CR.1.1 FDD | As specified in clause A.3.1.2.1 |
| Config 2 |  | CR.1.1 TDD |  |
| Config 3 |  | CR.2.1 TDD |  |
| Dedicated CORESET RMC configuration | Config 1,4 |  | CR.1.1 FDD |  |
| Config 2 |  | CR.1.1 TDD |  |
| Config 3 |  | CR.2.1 TDD |  |
| Initial BWP configuration | Config 1,2,3,4 |  | DLBWP.0.1 ULBWP.0.1 |  |
| Active UL BWP configuration | Config 1,2,3,4 |  | ULBWP.1.1 |  |
| PRS Configuration | Config 1,4 |  | PRS.1.1 FR1 | As specified in clause A.3.31 |
| Config 2 |  | PRS.1.1 FR1 |
| Config 3 |  | PRS.2.1 FR1 |
| Physical cell ID PCI |  | (PCI of Cell 1 – PCI of Cell 2) mod 6 = 0and(PCI of Cell 1 – PCI of Cell 3) mod 6 = 0  | The cell PCIs are selected such that the relative shifts of PRS patterns among cells are as given by the test parameters |
| CP length |  | Normal |  |
| DRX | s | 1.28 |  |
| CN and RAN eDRX configuration | s | eDRX length = 40.96PTW length = 10.24 |  |
| Radio frame receive time offset between the cells at the UE antenna connector | μs | Cell 2 to Cell 1: 0Cell 3 to Cell 1: 3 | PRS are transmitted from synchronous cells |
| Expected RSTD | μs | Cell 2: 3 Cell 3: 3Other neighbour cells: randomly between -3 and 3 | The expected RSTD is what is expected at the receiver. The corresponding parameter in the DL-TDOA assistance data specified in TS 37.355 [34] is the expectedRSTD indicator |
| Expected RSTD uncertainty for all neighbour cells | μs | 5 | The corresponding parameter in the DL-TDOA assistance ta specified in TS 37.355 [34] is the expectedRSTD-Uncertainty index |
| Number of cells provided in DL-TDOA assistance data |  | 4 | Including the reference cell |
| PRS muting info |  | Cell 1: ‘10’Cell 2: ‘01’Cell 3: ‘10’ | Correponds to *NR-MutingPattern* defined in TS 37.355 [34] |
| PRS resource RE offset |  | Cell 1: 0Cell 2: 0Cell 3: 1 | Cell 1 and Cell 3 are configured with different resource offsets |
| T1 | s | 3 | The length of the time interval from the beginning of each test |
| T2 | s | 5 | The length of the time interval that follows immediately after time interval T1. |

Table A.16.A.X.3.1-3: Cell-specific test parameters for RSTD measurement reporting delay during T1.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Unit | Cell 1 | Cell 2 | Cell 3 |
| NR RF Channel Number |  | 1 | 1 | 1 |
| Positiong frequency layer  |  | 1 | 1 | 1 |
| Correlation Matrix and Antenna Configuration |  | 12 Low | 12 Low | 12 Low |
| OCNG patterns defined in A.3.2.1 |  | OP.1 | N/A | N/A |
| Note 3 | Config 1 | dBm/SCS | -98 |
| Config 2 | dBm/SCS | -98 |
| Config 3 | dBm/SCS | -95 |
| PRS  | dB | -Infinity | -Infinity | -Infinity |
| SSB  | dB | 10 | -Infinity | -Infinity |
| Io Note 4 | Config 1 | dBm/9.36 MHz | -56.54 | -56.54 | -56.54 |
| Config 2 | dBm/9.36 MHz | -56.54 | -56.54 | -56.54 |
| Config 3 | dBm/18.72 MHz | -56.54 | -56.54 | -56.54 |
| SSB RP Note4 | Config 1 | dBm/SCS | -82 | -Infinity | -Infinity |
| Config 2 | dBm/SCS | -88 | -Infinity | -Infinity |
| Config 3 | dBm/SCS | -85 | -Infinity | -Infinity |
| Propagation Condition  |  | AWGN |
| Note 1: OCNG shall be used such that active cell (Cell 1) is fully allocated and a constant total transmitted power spectral density is achieved for all OFDM symbols.Note 2: The resources for uplink transmission are assigned after the end of time period T2 to UEs that do not support SDT for measurement reporting.Note 3: Interference from other cells and noise sources not specified in the test are assumed to be constant over subcarriers and time and shall be modelled as AWGN of appropriate power for to be fulfilled.Note 4: SSB RP and Io levels have been derived from other parameters and are given for information purpose. These are not settable test parameters. |

Table A.16.A.X.3.1-4: Cell-specific test parameters for RSTD measurement reporting delay during T2.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Unit | Cell 1 | Cell 2 | Cell 3 |
| T2 | T2 | T2 |
| NR RF Channel Number |  | 1 | 1 | 1 |
| Correlation Matrix and Antenna Configuration |  | 12 Low | 12 Low | 12 Low |
| OCNG patterns defined in A.3.2.1 |  | OP.1 | OP.1 | OP.1 |
| PRACH configuration |  | FR1 PRACH configuration 1 | FR1 PRACH configuration 1 | FR1 PRACH configuration 1 |
| Note 3 | Config 1 | dBm/SCS | -98 | -98 | -98 |
| Config 2 | dBm/SCS | -98 | -98 | -98 |
| Config 3 | dBm/SCS | -95 | -95 | -95 |
| PRS  | Config 1 | dB | -5 | -11 | -11 |
| Config 2 | dB | -5 | -11 | -11 |
| Config 3 | dB | -5 | -11 | -11 |
| Io Note 4 | Config 1 | dBm/9.36MHz | -69.26 | -69.26 | -69.26 |
| Config 2 | dBm/9.36MHz | -69.26 | -69.26 | -69.26 |
| Config 3 | dBm/18.72MHz | -66.63 | -66.63 | -66.63 |
| PRS  | dB | -5.33 | -12.19 | -12.19 |
| Propagation Condition  |  | AWGN |
| Note 1: OCNG shall be used such that active cells (all, except Cell 3 in T2) are fully allocated and a constant total transmitted power spectral density is achieved for all OFDM symbols other than those in the subframes with transmitted PRS.Note 2: The resources for uplink transmission are assigned after the end of time period T2 to UEs that do not support SDT for measurement reporting. Note 3: Interference from other cells and noise sources not specified in the test are assumed to be constant over subcarriers and time and shall be modelled as AWGN of appropriate power for to be fulfilled. |

###### A.16.A.X.3.2 Test Requirements

The RSTD measurement time fulfils the requirements specified in Clause 5.6A.4.5.

The UE shall perform and report the RSTD measurements for Cell 2 and Cell 3 with respect to the reference cell in the DL-TDOA assistance data, Cell 1, within the time duration specified in section 5.6A.4.5 starting from the beginning of time interval T2.

***NOTE****: The actual overall delays measured in the test may be higher than the time duration above because of the uncertainty in acquiring the first available PRACH occasion to transition to RRC\_CONNECTED state to report the measurements.*

The rate of the correct events for each neighbour cell observed during the repeated tests shall be at least 90%, where the reported RSTD measurement for each correct event shall be within the RSTD reporting range specified in the Clause 10.1.23.3, i.e., between RSTD\_000000000 and RSTD\_126083073.

**END OF CHANGE 2**