IoT TDD Comments file

Template:

# Xnnn

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| Xnnn | IoTTDD |  |  |  |  |  | vnnn | ToDo |

**[Description]**:

**[Proposed Change]**:

**[Comments]**:

Instructions:

1. Copy the template RIL comments fields above (including the Heading Xnnn)
2. Paste the RIL comments fields at its position while **respecting the order of the RILs in the Review file (i.e. keep the order of the spec).**
3. Fill in the fields, see R19 ASN.1 Guideline.
4. Companies may comment whether they agree or disagree.
5. Can copy spec text and use Word “Track changes”, etc.
6. Do not delete text added by other companies.

# X501

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| X501 | IoTTDD | 2 | radioFrameOffset |  | Xiaomi (Xiaolong Li) |  | V002 | ToDo |

**[Description]**: According to the field description of *radioFrameOffset*, it should be the frame offset between the serving cell and the neighbour cell. However, *radioFrameOffset* is currently defined per satellite. This means that if a satellite has multiple cells, the *radioFrameOffset* for these cells must be configured to be the same, which is not reasonable.

**[Proposed Change]**: The *radioFrameOffset* is configured per cell in SIB4-NB and SIB5-NB.

**[Comments]**:

# V220

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| V220 | IoT-NTN TDD mode | 1 | Refine the sentence for the postponement of SI transmission | N | vivo (Stephen) |  | v003 | ToDo |

**[Description]**: In sub-clause 5.2.1.2a, the wording of the sentence describing the postponement of SI transmission is somewhat unclear. Currently, the phrase “one or more repetitions” is used to encompass both the first transmission of SI and its subsequent repetitions. In our understanding, “one repetition” does not represent the “first transmissions”. It is therefore suggested that the wording be refined to enhance clarity.

**[Proposed Change]**: We suggest using “first transmission and repetition” as the way for MIB and SIB1. For example,

The SI messages are transmitted within periodically occurring time domain windows (referred to as SI-windows) using scheduling information provided in *SystemInformationBlockType1-NB*. Each SI message is associated with a SI-window and the SI-windows of different SI messages do not overlap. That is, within one SI-window only the corresponding SI is transmitted. The length of the SI-window is common for all SI messages, and is configurable. For IoT NTN TDD mode, the first transmission SI message and the repetitions that fall on the non-D subframes are postponed to the next valid D subframe within the SI-Window.

**[Comments]**:

# V221

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| V221 | IoT-NTN TDD mode | 1 | Change Need code of *radioFrameOffset-r19* | N | vivo (Stephen) |  | v003 | ToDo |

**[Description]**: The Need OP is not intended for *radioFrameOffset-r19*, since no specified behavior exists for the absence of the field.

**[Proposed Change]**: Need OR is used.

**[Comments]**: