**3GPP TSG-RAN WG2 Meeting #118 electronic draftR2-2206157**

**Online, 9th – 20th May, 2022**

Agenda Item: 8.7

Source: Session Chair (Interdigital)

Title: draft Report NB-IoT breakout session

Document for: Approval

## General

Please see the following TDocs for e-meeting guidance:

[R2-2204400](https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_118-e/Docs/R2-2204400.zip) Agenda for RAN2#118-e Chairman agenda

Time Schedule
Please refer to the latest schedule in the RAN2 inbox on the public 3GPP servers.

## List and Status of Offline Email Discussions

The deadlines refer to the deadline for providing company comments unless stated otherwise.

* [AT118-e][300][NBIOT/eMTC] Organisational Brian’s Session (Session Chair)

**Status**: closed

 **Scope:** Comments to session notes. Kick-off and management of email discussions for NB-IoT session. Coordination issues. Other organisational issues and announcements.

 **Intended outcome:** Approval of Report from NB-IoT session.

 **Deadline:** EOM

## 4.1 NB-IoT corrections Rel-16 and earlier

(NB\_IOTenh3-Core; leading WG: RAN1; REL-16; started: Jun 18; Completed: June 20; WID: RP-200293); REL-15 and Earlier WIs are in scope but not listed explicitly (long list). Documents in this agenda item will be handled in a break out session. Common NB-IoT/eMTC parts treated jointly with 4.2.

## 7.1 NB-IoT and eMTC enhancements

(NB\_IOTenh4\_LTE\_eMTC6-Core; leading WG: RAN1; REL-17; WID: RP-211340)

### 7.1.1 Organizational

LS in

CR Rapporteurs to provide baseline correction CRs, if needed. For smaller corrections, text clarifications etc please contact CR editor.

[R2-2204421](https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_118-e/Docs/R2-2204421.zip) LS on use of CQI table for NB-IoT DL 16QAM (R1-2202880; contact: Huawei) RAN1 LS in Rel-17 To:RAN2 Cc:RAN4

[R2-2204423](https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_118-e/Docs/R2-2204423.zip) LS on UE capability for 16QAM for NB-IoT (R1-2202893; contact: Qualcomm) RAN1 LS in Rel-17 To:RAN4 Cc:RAN2

[R2-2205564](https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_118-e/Docs/R2-2205564.zip) Corrections based on ASN.1 review of R17 NB-IoT/eMTC Enhancements Qualcomm Incorporated CR Rel-17 36.331 17.0.0 4803 - F NB\_IOTenh4\_LTE\_eMTC6-Core Late

[R2-2205565](https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_118-e/Docs/R2-2205565.zip) Report of ASN.1 R17 Review for NB-IoT/eMTC enhancements Qualcomm Incorporated discussion Rel-17 NB\_IOTenh4\_LTE\_eMTC6-Core Late

### 7.1.2 Corrections

[R2-2205149](https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_118-e/Docs/R2-2205149.zip) Clarification on NPUSCH repetition number for PUR with 16QAM ZTE Corporation, Sanechips CR Rel-17 36.331 17.0.0 4788 - F NB\_IOTenh4\_LTE\_eMTC6-Core

[R2-2205162](https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_118-e/Docs/R2-2205162.zip) RILZ312, Z313, Z316, Z317, Z318 CEL-based paging ZTE Corporation, Sanechips CR Rel-17 36.331 17.0.0 4789 - F NB\_IOTenh4\_LTE\_eMTC6-Core

[R2-2205323](https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_118-e/Docs/R2-2205323.zip) RIL H101 : Coverage based paging Huawei, HiSilicon discussion Rel-17 NB\_IOTenh4\_LTE\_eMTC6-Core

[R2-2205324](https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_118-e/Docs/R2-2205324.zip) Correction to coverage based paging Huawei, HiSilicon draftCR Rel-17 36.304 17.0.0 F NB\_IOTenh4\_LTE\_eMTC6-Core

[R2-2205878](https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_118-e/Docs/R2-2205878.zip) RILZ312, Z313, Z316 CEL-based paging ZTE Corporation, Sanechips CR Rel-17 36.304 17.0.0 0848 - F NB\_IOTenh4\_LTE\_eMTC6-Core

[R2-2206039](https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_118-e/Docs/R2-2206039.zip) RIL H112 (new): 16 QAM DL configuration Huawei, HiSilicon discussion Rel-17 NB\_IOTenh4\_LTE\_eMTC6-Core

### 7.1.3 Other