**Email discussions after RAN2#110-e**

# Guidelines for email discussions:

**General guidelines for email discussions, to be concluded approved endorsed at current meeting (short).**

1. Aim to have the final version of the agreed documents provided by the rapporteur at or shortly after the deadline.
2. Please provide comments on the first version of the document at least 24 hours before the deadline. This allows the rapporteur to make an update addressing all companies' comments and there still be time for a quick round of comments on the update.
3. If you have provided comments in the discussion then please indicate to the rapporteur if you are ok with the update provided (can be via reflector or a direct email). This avoids the rapporteur having to wait before they can conclude that their update is acceptable to you.
4. Rapporteurs, if not already available, please request your tdoc number from Juha when you initiate your email discussion and then provide the final version as soon as you are confident that it is agreeable. You do not need to wait for a reminder from me, session chair or Juha before sending the final version.
5. To avoid any confusion, Secretary, chairman, or session chair will send an email to confirm the final status of the document.

**For emails discussion to the next meeting (long):**

1. Rapporteurs, feel free to set an intermediate deadline for companies to provide initial comments, so that the conclusions and proposals can be prepared and distributed before the final deadline.
2. Please respect any intermediate deadline indicated by the rapporteur, and preferably provide your feedback as soon as possible.

**For company initiated discussions:**

1. A company initiated discussion is a discussion on the R2 reflector with no rapporteur, no intended outcome and no deadline. The result of a company initiated discussion, if any, does not have any particular status in RAN2, i.e. it is not prioritized, and will indeed be counted against tdoc limitation of the author company.

# Very Short email discussions after R2-110-e, Endorsed CRs for UE caps Merge, Tuesday June 15 0700 UTC

**Please request TDoc numbers for the following email discussions from MCC if not already allocated.**

* [Post110-e][074][DCCA] UE capabilities (Huawei)

Scope: Implement agreements from this meeting

Intended Outcome Endorsed CRs 38306 38331, Agreed CRs 36306 36331

Deadline: NR Endorsed CRs extra Short: Tuesday June 16 0800 UTC

Deadline: EUTRA Agreed CRs: Short (June 19 0700 UTC)

CLOSED

# Short email discussion, after R2-110-e, Friday June 19 0700 UTC (i.e. Thursday midnight PDT)

**Please request TDoc numbers for the following email discussions from MCC if not already allocated**

Approval will be declared shortly after the deadline, so any major changes during the last 24h before the deadline are discouraged.

* [NR Rel-16] 38331 \* (Ericsson)

Scope: NR ASN.1 review thread by RRC Rapporteur (multi-meeting scope). This thread is mainly used for management of the ASN.1 review file, update of RIL information, and flagging of RIL issues.

CLOSED

* [LTE Rel-16] 36331 \* (Samsung)

      Scope: LTE ASN.1 review thread by RRC Rapporteur (multi-meeting scope). This thread is mainly used for management of the ASN.1 review file, update of RIL information, and flagging of RIL issues.

CLOSED

* [Post110-e][000] Organizational (Chairman)

Scope: Organizational, correction of statuses, planning, approval of items AI8: Session Chair reports

Deadlines: Expect to be closed after a week.

CLOSED

* [Post110-e][003][NR15] Misc RRC Corrections (Ericsson)

Expected Outcome: Agreed Rapporteur CRs (revisions of R2-2005321/22).

Deadline: Short (for RP)

CLOSED

* [Post110-e][019][NR15] UE cap CGI Reporting (vivo)

Scope: Final agreement of CRs, Approve LS if it is found to be needed. CR technical discussion is expected only for the RRC CRs, other CRs expected only for consistency update if needed.

Intended outcome: Agreed CRs, Approved LS

Deadline: Short (for RP)

CLOSED

* [Post110-e][021][NR15] UE Capability Enhancement for FR1 FR2 CA and DC (Qualcomm)

Scope: Continue the discussion, allow more time to check.

Intended outcome: Agreed CRs 38306 38331 R15 R16

Deadline: Short (for RP)

CLOSED

* [Post110-e][026][Other] UL Tx switching (China Telecom)

Scope: Continue discussion. Agreeable CRs, intended for RP

Intended Outcome: Agreed CRs 38331 38306

Deadline: Short (for RP)

CLOSED

* [Post110-e][033][Other] Overheating (Huawei)

Scope: Email approval

Intended outcome: Agreed CRs

Deadline: short (for RP)

CLOSED

* [Post110-e][035][TEI16] reportAddNeighMeas periodic (Nokia)

Scope: Define a UE capability for function in [R2-2005159](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_110-e\Docs\R2-2005159.zip). Agree the set.

Intended outcome: Finally Agreed CRs 38331 38306

Deadline: Short (for RP)

CLOSED

* [Post110-e][037][TEI16] Secondary DRX (Ericsson)

Intended outcome: Final Endorsement of CRs to RP

Deadline: Short (for RP)

CLOSED

* [Post110-e][039][eURLLC] RRC (Huawei)

Scope: Add L1 parameters

Intended outcome: Agreed 38331 CR

Deadline: Short (for RP)

CLOSED

* [Post110-e][064][NR16] Miscellaneous ASN.1 review corrections (Ericsson)

Scope: Update and review and of the rapporteur ASN.1 corrections CR. Conclude on way forward for remaining open Class 2 RILs.

Intended outcome: Agreed Rapporteur ASN.1 corrections CR. Way forward for remaining RILs

Deadline: Short (for RP)

CLOSED

* [Post110-e][042][IAB] BAP (Huawei)

Scope: CR approval, take into account meeting agreements, incl R3 if needed

Intended outcome: Agreed CRs 38340

Deadline: Short (for RP)

CLOSED

* [Post110-e][044][IAB] RRC CR (Ericsson)

Scope: Take additional agreements into account if applicabe, incl R1 R3. Check correctness.

Intended Outcome: Agreed CR 38331 for RP

Deadline: Short (for RP)

CLOSED

* [Post110-e][051\_A][DCCA] RRC 36331 38331 (Ericsson)

Scope: Continue and conclude discussion on issues. Take meeting agreements into account, also other groups R1 R3

Intended Outcome: Agreed CRs 38331 36331

Deadline: Short (for RP)

CLOSED

* [Post110-e][054][IIOT] RRC (Ericsson)

Scope: Continue discussions. Caputre further meeting agreements, also from other WG.

Intended Outcome: Agreed CRs 38331 36331

Deadline: Short (for RP)

CLOSED

* [Post110-e][077][Other] Frequency separation class for DL-only FR2 spectrum (Apple)

Scope: incoming LS in R2-2006124, CRs proposed in R2-2006201 and R2-2006202. Review and modify if needed the CRs, expect that it is possible to approve in a week.

Intended outcome: Agreed CRs 38331 38306

Deadline: Short (for RP)

CLOSED

* [Post110-e][081][TEI16 Other] L1 Parameters (Ericsson)

Scope: Take into account L1 parameters for which there is no other RRC CR, e.g. CBG tx/rx, Beamswitch timing.

Intended outcome: Agreed CRs

Deadline: Short (for RP)

CLOSED

* [Post110-e][102][EMIMO] RRC CR (Ericsson)

Scope: update the RRC CR, also taking into account the outcome from [065][066][075] on eMIMO specific aspects and latest RAN1 input

Final intended outcome: Agreed RRC CR

Deadline for companies' feedback on the revised CR: Thursday 2020-06-18 10:00 UTC

Deadline for final version of the RRC CR in R2-2005812: Friday 2020-06-19 10:00 UTC

CLOSED

* [Post110-e][206][LTE ASN1] 36.331 (Samsung)

Scope: Finalize ASN1 review for LTE

Intended outcome: Agreed 36.331 Common ASN.1 review CR

Deadline: Short (for RP)

CLOSED

* [Post110-e][210][NR MOB] 38.331 CR (Intel)

      Scope: Updated CR to 38.331 with this meeting agreements.

      Intended outcome: Agreed 38.331 CR for NR mobility (in [R2-2005755](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_110-e/Docs/R2-2005755.zip))

      Deadline: Short (for RP)

CLOSED

* [Post110-e][211][LTE MOB] 36.331 CR (Ericsson)

      Scope: Updated CR to 36.331 with this meeting agreements.

      Intended outcome: Agreed 36.331 CR for NR mobility (in [R2-2005757](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_110-e/Docs/R2-2005757.zip))

      Deadline: Short (for RP)

CLOSED

* [Post110-e][213][LTE/NR MOB] MAC CRs for LTE and NR mobility (vivo)

      Scope: Finalize 36.321 and 38.321 CRs for LTE and NR mobility according to this meeting’s agreements.

      Intended outcome: Agreed 36.321 CR (in [R2-2005760](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_110-e/Docs/R2-2005760.zip)) and agreed 38.321 CR (in [R2-2005761](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_110-e/Docs/R2-2005761.zip)) for LTE and NR mobility

      Deadline: Short (for RP)

CLOSED

* [Post110-e][250][NR MOB] 37.340 CR (CATT)

      Scope: Updated 37.340 CR (based on endorsed [R2-2005071](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_110-e/Docs/R2-2005071.zip)) with this meeting agreements.

      Intended outcome: Agreed 37.340 CR for NR mobility

      Deadline: Short (for RP)

CLOSED

* [Post110-e][251][NR MOB] 38.300 CR (Intel)

      Scope: Updated CR (based on endorsed [R2-2004662](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_110-e/Docs/R2-2004662.zip)) to 38.300 with this meeting agreements

      Intended outcome: Agreed 38.300 CR for NR mobility

      Deadline: Short (for RP)

CLOSED

* [Post110-e][252][LTE ASN.1] Resolving conflict between eMTC and TEI16 in rapporteur CR (Samsung)

Scope: Resolve conflict was found between eMTC (discussed in offline [407]) and early security reactivation in subclause 5.3.3.4 (coming form TEI16) and revise [R2-2005746](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_110-e/Docs/R2-2005746.zip) accordingly.

      Intended outcome: Agreed CR

      Deadline:  Short (for RP)

CLOSED

* [Post110-e][253][LTE MOB] LS to RAN1 on power sharing (Ericsson)

      Scope: Indicate previous RAN2 agreement in LTE power sharing and ask how RAN1 has specified dual UL handling.

      Intended outcome: Agreed LS to RAN1

      Deadline: Wed June 24

CLOSED

* [Post110-e][301][NBIOT] R16 36.331 CR (Huawei)

Status: extended for 1 week after meeting

Scope: Update the CR with agreements from this meeting.

Intended outcome: Agreed CR in R2-2005921

Deadline: Short (for RP)

* [Post110-e][302][NBIOT] R16 36.300 CR (Huawei)

Status: extended for 1 week after meeting

Scope: Update the CR with agreements from this meeting.

Intended outcome: Agreed CR in R2-2005922

Deadline: Short (for RP)

CLOSED

* [Post110-e][303][NBIOT] R16 36.304 CR (Nokia)

Status: extended for 1 week after meeting

Scope: Update the CR with agreements from this meeting.

Intended outcome: Agreed CR in R2-2005923

Deadline: Short (for RP)

CLOSED

* [Post110-e][304][NBIOT] R16 36.321 CR (Ericsson)

Status: extended for 1 week after meeting

Scope: Update the CR with agreements from this meeting.

Intended outcome: Agreed CR in R2-2005924

Deadline: Short (for RP)

CLOSED

* [Post110-e][305][NBIOT] R16 36.306 CR (Blackberry)

Status: extended for 1 week after meeting

Scope: Update the CR with agreements from this meeting.

Intended outcome: Agreed CR in R2-2005925

Deadline: Short (for RP)

CLOSED

* [Post110-e][350][NBIOT/eMTC] LS to SA2 and RAN3 on system support for WUS (Qualcomm)

Scope: LS to raise the issues raised during RAN2#110-e on WUS.

Intended outcome: Approved LS in R2-2005947

Deadline: Short

CLOSED

* [Post110-e][351][NBIOT/eMTC] RAN2 agreements for Rel-16 additional enhancements for NB-IoT and MTC (Blackberry)

Scope: Update with agreements from this meeting.

Intended outcome: Endorsed report in R2-2005948

Deadline: Short

CLOSED

* [Post110-e][404][eMTC] R16 36.300 CR (Intel)

Scope: Update the CR based on the agreements from this meeting.

Intended outcome: Agreed CR in R2-2005824

Deadline: Short (for RP)

CLOSED

* [Post110-e][405][eMTC] R16 36.304 CR (Nokia)

Scope: Update the CR based on the agreements from this meeting.

Intended outcome: Agreed CR in R2-2005825

Deadline: Short (for RP)

CLOSED

* [Post110-e][406][eMTC] R16 36.321 CR (Ericsson)

Scope: Update the CR based on the agreements from this meeting.

Intended outcome: Agreed CR in R2-2005826

Deadline: Short (for RP)

CLOSED

* [Post110-e][407][eMTC] R16 36.331 CR (Qualcomm)

Scope: Update the CR based on the agreements from this meeting.

Intended outcome: Agreed CR in R2-2005827

Deadline: Short (for RP)

CLOSED

* [Post110-e][408][eMTC] R16 36.306 CR (Huawei)

Scope: Update the CR based on the agreements from this meeting.

Intended outcome: Agreed CR in R2-2005828

Deadline: Short (for RP)

CLOSED

* [Post110-e][501][NR-U] CP Open and ASN.1 Issues (Qualcomm)

Scope: CR capturing agreements from week1 and then week2

Deadline: Short (for RP)

CLOSED

* [Post110-e][502][NR-U] UP Open Issues (Ericsson, Lenovo)

Scope: CR capturing agreements from week1 and then week2 (Ericsson)

Deadline: Short (for RP)

CLOSED

* [Post110-e][504][PowSav] CP Open and ASN.1 Issues (Mediatek)

Scope: CR capturing agreements from week1 and then week2

Deadline: Short (for RP)

CLOSED

* [Post110-e][505][PowSav] RRM Open Issues (Vivo)

Scope: CR capturing agreements from week1 and then week2

Deadline: Short (for RP)

* [Post110-e][507][2s RA] CP and ASN.1 Issues (Ericsson)

Scope: CR capturing agreements from week1 and then week2

Deadline: Short (for RP)

CLOSED

* [Post110-e][509][NR-U] LTE 36.331 running CR (Qualcomm)

Scope:

* + - Review and agree to updated CR to 36.331

Intended outcome: Agree to CR

Deadline: Short (for RP)

CLOSED

* [Post110-e][510][NR-U] UE capability CR for 38.331 (Qualcomm)

Scope:

* + - Review and agree to updated CR capturing UE capabilities to 38.331

Intended outcome: Agree to CR

Deadline: Short (for RP)

CLOSED

* [Post110-e][511][PowSav] LTE 36.331 running CR (Qualcomm)

Scope:

* + - Formally agree to already in-principle agreed CR (R2-2003126) from RAN2#109bis-e.

Intended outcome: Agree to CR

Deadline: Short (for RP)

CLOSED

* [Post110-e][650][POS] Final check of running CR to 38.305 (Qualcomm)

Scope: Final confirmation of the CR

Intended outcome: Agreed CR in R2-2005910

Deadline: Short (for RP)

CLOSED

* [Post110-e][651][POS] Final check of running CR to 37.355 (Qualcomm)

Scope: Final confirmation of the CR

Intended outcome: Agreed CR in R2-2006171

Deadline: Short (for RP)

CLOSED

* [Post110-e][652][POS] Final check of positioning running CR to 38.321 (Huawei)

Scope: Final confirmation of the CR

Intended outcome: Agreed CR in R2-2006172

Deadline: Short (for RP)

CLOSED

* [Post110-e][653][POS] Final approval of LS to RAN1 on capability bits for E-CID measurements (Huawei)

Scope: Final approval of the LS

Intended outcome: Approved LS in R2-2006170

Deadline: 2020-06-19 1200 UTC

CLOSED

* [Post110-e][701][V2X] 38.331/36.331 CRs (Huawei)

Update 38.331 CR (in R2-2005951) / 36.331 CR (in R2-2005952) according to new agreements. CRs will be approved by email.

Deadline: Short (for RP)

CLOSED

* [Post110-e][702][V2X] Updates of 38.321/36.321 (LG)

Update 38.321 CR (in R2-2005970) / 36.321 CR (in R2-2005971) according to new agreements. CRs will be approved by email.

Deadline: Short (for RP)

CLOSED

* [Post110-e][703][V2X] 38.323 CRs (CATT)

Update 38.323 CR (in R2-2005963) according to new agreements. CR will be approved by email.

Deadline: Short (for RP)

CLOSED

* [Post110-e][704][V2X] LS to RAN1 (LG)

Prepare approvable LS (in R2-2005977) to RAN1 to inform RAN2 agreements (whether to include all MAC agreements or only agreements which may impact on RAN1 will be discussed in LS preparation). LS will be approved by email.

Deadline: Short

CLOSED

* [Post110-e][705][V2X] LS to CT1 (ZTE)

Prepare approvable LS (in R2-2005975) to CT1 in order to inform related RAN2 agreements and ask them to take it into account for their work. LS will be approved by email.

Deadline: Short

CLOSED

* [Post110-e][706][V2X] LS to SA3/CT1 (CATT)

Prepare approvable LS (in R2-2005978) to SA3/CT1 to inform RAN2 agreements. LS will be approved by email.

Deadline: Short

CLOSED

* [Post110-e][888][SONMDT]

The email discussion is revived in order to address found conflicts with Common ASN.1 RRC CR. Expected outcome: Revised and agreed CRs.

Deadline: Short

CLOSED

* [Post110-e][963][NR16] UE Capabilities (Intel, NTT Docomo)

Scope: The Main NR UE caps Email Thread for R2 110-e.

Follows the plan in R2-2006020.

Intended outcome: Agreed R16 CRs on UE capabilities 38306 38331. Report for information explaining the status and omitted parts.

Deadline (for RP, this is an exception case): Wed June 24 (very latest)

CLOSED (the short part).

# Long / Next meeting email discussions, after R2-110-e, Thursday August 6th 0700 UTC

**Please request TDoc numbers and submit tdocs by 3GU**

* [Post110-e][080][DCCA] Early Measureemnts and Network Sharing (Huawei)

Scope: Clarify How Early Measureemnts work with Network Sharing. Determine the need for Corrections (if any).

Intended outcome: Report

Deadline: Long

* [Post110-e][254][LTE Capa] TDD/FDD differentiation or Rel-15 and earlier (Huawei)

Scope: Discuss resolution to remaining issues in TDD/FDD capability differentiation for LTE Rel-15 and earlier.

      Intended outcome: Report and agreeable CR(s)

      Deadline:  Long (until next meeting)

* [Post110-e][255][LTE CA] Clarification on non-contigous CA capabilities (Nokia)

Scope: Discuss the exact clarification to be captured in RRC and/or in chairman’s notes.

      Intended outcome: Report and Agreeable CR or text to chairman’s notes.

      Deadline:  Long (until next meeting)

* [Post110-e][707][V2X] V2X UE capabilities (OPPO)

Scope: Discuss and conclude unresolved V2X UE capabilities issues including RLC RTT calculation for NR SL, how the UE to inform NW of the support of NR SL, etc.

Deadline: next RAN2 meeting (long email discussion).

* [Post110-e][082][NR16] UE Capabilities (Intel, NTT Docomo)

Scope: Progress further R1R4 UE capabilities and general items (if needed). Take into account latest R1 feature list. Discuss handling of FFS’es at next meeting. Can consider Reply LSes (to R4 and R1), e.g. on general matters or on specific points/questions from earlier discussion.

Intended outcome: Report, Agreeable LSs out to be sent first day of next meeting (if applicable), Draft CRs 38306 38331 (agreeable as baseline for next meeting).

Deadline: Next meeting.