**3GPP TSG RAN WG2 NR ASN.1 Ad-Hoc electronic R2-220xxxx**

**E-Meeting, 20th – 22nd April 2022**

**Agenda Item:** **3**

**Source:**  **Intel Corporation**

**Title:** **RIL resolution comments**

**Document for:** **Discussion/Decision**

# Introduction

This document collects comments on the RIL resolutions and updates for the following email discussion

* [Post117-e][903][NR17] NR UE capabilties (Intel)

      Scope: Reflect R1 and R4 latest update of feature lists in UE caps. If a need to ask questions to other WG arises, LS out can be considered.

      Intended outcome, agreeable CRs, report if needed, LS out if needed.

      Deadlines : LS out can be agreed at the ASN.1 ad-hoc : submission deadline April 14. Otherwise : Long

# Comments on RIL resolutions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Company | CR (TS38.306 or TS38.331) | RIL number | Comments | Rapporteur’s view |
| Huawei, HiSilicon | TS38.306 | HW0026 | There is no capability signalling to “indicate” support on the nonCodebook usage of SRS resource sets. We suggest to change to “The UE indicating this feature shall also ~~indicate~~ support ~~of~~ two SRS resource sets with usage set to 'nonCodebook’ , which is aligned with the description for *mTRP-PUSCH-RepetitionTypeB-r17*. | Change as proposed |
| Huawei, HiSilicon | TS38.306 | FW001 | The RAN4 LS was newly sent to RAN2 after last meeting, which has not been discussed in Redcap WI. Besides, there is other information about new power class in the LS for further discussion, which should be discussed together in RAN2.  Thus, we propose to postpone the LS until the conclusion was made in Redcap WI in the next meeting. | OK to postpone the update till the WI specific session discussion,  Change the status to PropPostponed |
| Qualcomm Incorporated | TS38.306 | H0029  H0035 | We notice that 32-4a is requested to be “per band” capability and 32-4 to be “per FS” capability.  We are fine with the resolution for H0029 on 32-4a. But for H0035 on 32-4, “Per FS” means some baseband processing aspect is involved, i.e. essentially the UE capability may be affected by processing of other features in the same band. It is also not clear to us what it really means to indicate additional BW in feature set.  For FG32-4, we could communicate RAN2’s “intention” to use the signalling structure as proposed and ask if it is in line with RAN1’s intention to use “per FS” granularity.  We are also wondering why 32-4 is implemented at per band per BC level in 38.331 CR. This does not allow the UE to indicate its capability based on processing capability which is shared among different features. |  |
| Qualcomm Incorporated | TS38.306 | H0014  OP008 | We agree with OPPO that it is preferable to use the language as agreed by RAN plenary in RP-220951.  PSD limitations are indeed subject to regional regulations. |  |
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Rapporteur’s summary:

# Conclusion

To be added latter