Companies please share their inputs on the excel spreadsheet in ‘/tsg\_ran/WG1\_RL1/TSGR1\_106-e/Inbox/drafts/8.12.1/RRC Parameters/’.

## Inputs on version-000

Please share your inputs, if any, in the following table

|  |  |
| --- | --- |
| **Company** | **Input** |
| Qualcomm | For G-RNTI/G-CS-RNTI:We agree that the configuration is via unicast RRC signaling. But we are not sure it is common or different for BWPs, for cells or cell groups. We haven’t discussed whether G-RNTI/G-CS-RNTI is configured per BWP, per serving cell or per cell-group. Note that C-RNTI is assigned/modified during establishment/modification of RRC connection, but MCS-C-RNTI and CS-RNTI are configured per cell-group, i.e., in *PhysicalCellGroupConfig*, by unicast RRC signaling*.*For locationAndBandwidth-Multicast, The default value should be FFS instead of N/A? As discussed in previous RAN1 meetings, majority companies think it may be equal to that of associated dedicated BWP, if not configured. |
| Apple | One additional RRC parameter is missed, i.e., sps-config-Multicast. The related agreements are showing below.Agreement:From RAN1 perspective, the CFR (common frequency resource) for multicast of RRC-CONNECTED UEs, which is confined within the frequency resource of a dedicated unicast BWP and using the same numerology (SCS and CP), includes the following configurations:• Starting PRB and the number of PRBs • One PDSCH-config for MBS (i.e., separate from the PDSCH-Config of the dedicated unicast BWP)• One PDCCH-config for MBS (i.e., separate from the PDCCH-Config of the dedicated unicast BWP)• SPS-config(s) for MBS (i.e., separate from the SPS-Config of the dedicated unicast BWP) |
| MediaTek | Regarding G-RNTI/G-CS-RNTI, it is common for all UEs in one MBS group, and RAN2 also achieved some following agreements in RAN2#114-e meeting.* One-to-one mapping between G-RNTI and MBS session is supported in NR MBS. Other mappings FFS
* One-to-one mapping between G-CS-RNTI and MBS session is supported in NR MBS. Other mappings FFS.

Thus, if we say the G-RNTI/G-CS-RNTI configuration is per UE, it is not accurate and may make RAN2 confused. We suggest modify the wording as “per service” instead of “per UE”.Regarding the missed parameter as Apple mentioned, we have the following comments:The following RRC parameters are missed: *pdcch-DMRS-ScramblingID-multicast, dataScramblingIdentityPDSCH-multicast, pdcch-DMRS-ScramblingID-multicast.* Based on thefollowing agreements, it is clear that these parameters can be separate configured in its own CFR.Agreement:For initializing scrambling sequence generator for GC-PDCCH with the second DCI format,$n\_{ID}$ equals the higher layer parameter *pdcch-DMRS-ScramblingID* if it is configured in the CORESET in a CFR used for the GC-PDCCH;$n\_{ID}=N\_{ID}^{cell}$, otherwise.* FFS: Values for $n\_{RNTI}$. Choices include one or more of the following:
	+ Alt1: G-RNTI used for the GC-PDCCH.
	+ Alt2: 0
	+ Alt3: Other fixed values

Agreement:For initializing scrambling sequence generator for GC-PDSCH scheduled by the second DCI format for multicast received in Type-x CSS, * $N\_{ID}$ equals the higher layer parameter *dataScramblingIdentityPDSCH* if it is configured in *PDSCH-Config* in a CFR used for GC-PDSCH and the RNTI equals the G-RNTI or G-CS-RNTI;$ N\_{ID}=N\_{ID}^{cell}$ otherwise.
* $n\_{RNTI}$ corresponds to the RNTI associated with the GC-PDSCH transmission (i.e., the G-RNTI used by the scheduling GC-PDCCH, or the G-CS-RNTI used by the SPS GC-PDSCH activation PDCCH)

Agreement:For initializing sequence generator for DMRS of GC-PDCCH with the second DCI format received in Type-x CSS, * $N\_{ID} $equals the higher layer parameter *pdcch-DMRS-ScramblingID* if it is configured in the CORESET in a CFR used for the GC-PDCCH;$ N\_{ID}=N\_{ID}^{cell}$ otherwise.
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## Inputs on version-001

Please share your inputs, if any, in the following table

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