Companies please share their inputs on the excel spreadsheet in ‘/tsg\_ran/WG1\_RL1/TSGR1\_106-e/Inbox/drafts/8.12.3/RRC Parameters/’.

## Inputs on version-000

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

|  |  |
| --- | --- |
| **Company** | **Input** |
| Qualcomm | For locationAndBandwidth-Broadcast,The parameter is configured in a CFR for broadcast. It should be per CFR instead of per cell. For pdsch-ConfigCommon-Broadcast,We think it should be *pdsch-Config-Broadcast*, aligned with *pdsch-Config-Multicast* in a *CFR-Config-Multicast*. The parameters in *pdsch-Config-Broadcast* can be FFS. It is misleading to use *pdsch-ConfigCommon* with TDRA only for broadcast GC-PDSCH.The parameter is configured in a CFR for broadcast. It should be per CFR instead of per cell.For pcsch-ConfigCommon-Broadcast,We think it should be *pdcch-Config-Broadcast*, aligned with *pdcch-Config-Multicast* in a *CFR-Config-Multicast*. The parameters in *pdcch-Config-Broadcast* can be FFS. It is misleading to use *pdcch-ConfigCommon* with CORESET/SS of RA/paging/SIB1 for broadcast GC-PDCCH.The parameter is configured in a CFR for broadcast. It should be per CFR instead of per cell.For searchSpaceBroadcast,The parameter is configured in a CFR for broadcast. It should be per CFR instead of per cell.  |
| MediaTek | Regarding the parameters cfr-Config-MCCH and cfr-Config-MTCH in *Post\_RAN1#106-e\_Rel-17\_RRC\_MBS\_Broadcast.xlsx* file, We don’t support the two separate parameters for MCCH and MTCH. From our understanding, if there are two separate CFR parameter for MCCH and MTCH, it is nature to support two CFRs for broadcast reception. However, whether support different CFR for MCCH and MTCH is still FFS, at least, at current stage, the same CFR is for MCCH/MTCH broadcast reception was agreed as the following agreement reached in RAN1#106-e meeting:

|  |
| --- |
| Agreement:For broadcast reception, RRC\_IDLE/RRC\_INACTIVE UEs can use the same bandwidth configurations for the CFR of GC-PDCCH/PDSCH carrying MCCH and the CFR of GC-PDCCH/PDSCH carrying MTCH.* FFS: use of different bandwidth configurations for the CFR of GC-PDCCH/PDSCH carrying MCCH and the CFR of GC-PDCCH/PDSCH carrying MTCH
 |

We suggest a common frequency parameter “cfr-Config-broadcast” instead of separate “cfr-Config-MCCH” and “cfr-Config-MTCH” is used for MCCH and MTCH configuration.For remaining parameter listed in excel file, we agreed with QC’s view that these parameters should be defined/configured per CFR instead of per cell. |
| Apple | We share the similar view as MedidaTek on parameter of CFR-Config-MCCH or CFR-Config-MTCH. According to the agreements reached by now, the parameter cfr-Config-Boradcast seems more aligned with the agreements. We don’t see the reasons to define two CFRs for MCCH and MTCH, it’s contradictory with RAN1#104 agreement that one CFR can be defined/configured. And with RAN1#106 agreement, same bandwidth configurations for CFR for MCCH and MTCH also means one CFR is enough.RAN1#104 Agreement:For RRC\_IDLE/RRC\_INACTIVE UEs, one common frequency resource for group-common PDCCH/PDSCH can be defined/configured.* FFS: whether to define/configure more than one common frequency resources

RAN1#106 AgreementOnly one CFR can be configured for group-common PDCCH/PDSCH carrying MCCH for broadcast reception with UEs in RRC\_IDLE/INACTIVE state.RAN1#106 Agreement:For broadcast reception, RRC\_IDLE/RRC\_INACTIVE UEs can use the same bandwidth configurations for the CFR of GC-PDCCH/PDSCH carrying MCCH and the CFR of GC-PDCCH/PDSCH carrying MTCH.* FFS: use of different bandwidth configurations for the CFR of GC-PDCCH/PDSCH carrying MCCH and the CFR of GC-PDCCH/PDSCH carrying MTCH
 |
| ZTE | 1st comment:It seems we need to add one parameter to configure G-RNTI for UE for broadcast. It probably will be a list if UE can be configured with multiple G-RNTIs.2nd comment:It seems we also need to add a CORESET configuration for broadcast. Per previous agreements, a dedicated CORESET can be configured for MBS. |
| FL’s response | @QC, Likewise to pucch-Config-ACK/NACK-Multicast which is separate from pucch-Config for unicast, pdsch-ConfigCommon-Broadcast/ pdcch-ConfigCommon-Broadcast is separate from *pdsch-ConfigCommon/ pdcch-ConfigCommon,* so TDRA and CORESET/SS can be separately configured to broadcast GC-PDSCH/GC-PDCCH from that for RA/paging/SIB1. The only difference of using pdsch-ConfigCommon-Broadcast and *pdsch-Config-Broadcast* is for the former adding more parameters and for the latter reducing some unnecessary parameters. It is just naming difference at this moment. I would prefer to keep it as is and revisit later when necessary. @QC, MediaTek Regarding the parameters are per CFR or per Cell. We only have agreed only one CFR for MCCH and open for MTCH. If more than one CFR is supported, the per cell is going to be per CFR. One note is added accordingly. *Agreement:**Only one CFR can be configured for group-common PDCCH/PDSCH carrying MCCH for broadcast reception with UEs in RRC\_IDLE/INACTIVE state.*@MediaTek, AppleRegarding the cfr-Config-MCCH and cfr-Config-MCCH, now I merged the two into a single cfr-Config-MCCH-MTCH with a note added saying this parameter can be split if MCCH and MTCH can be configured within different CFRs.@ZTE,One row for G-RNTI is added as suggested. Regarding the comment of adding a CORESET configuration for broadcast, not sure if you are referring to the following agreement. If it is, the CORESET configured for broadcast will point to one existing parameter, so it is present in this RRC list. *Agreement:**For Rel-17, for broadcast reception, RRC\_IDLE/RRC\_INACTIVE UEs do not exceed the maximum number of CORESETs mandatorily (in the minimum capability) supported for Rel-15/Rel-16 UEs, i.e., 2 CORESETs.* * *If the CFR has the same frequency range as the initial BWP, where the initial BWP has the same frequency resources as CORESET0 or where the initial BWP has the frequency resources configured by SIB1, RRC\_IDLE/RRC\_INACTIVE UEs can be configured with the following options:*
	+ *CORESET#0 (default option if CFR is the initial BWP and CORESET is not configured); or*
	+ *CORESET configured by commonControlResourceSet; or*
	+ *CORESET#0 and CORESET configured by commonControlResourceSet.*
 |

## Inputs on version-001

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

|  |  |
| --- | --- |
| **Company** | **Input** |
|  |  |