**3GPP TSG-RAN WG4 Meeting #111 *R4-2410562***

**Fukuoka, Japan, May 20 – May 24, 2024**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-1** | **CR** | **<CR#>** | **rev** | **<Rev#>** | **Current version:** | **18.5.0** |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | draftCR to 38.101-1: Update to simultaneous Rx-Tx requiements | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei, HiSilicon | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | LTE\_NR\_Simult\_RxTx\_R18-Core | | | | |  | ***Date:*** | | | 2024-05-06 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-18 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | 1. According to the conclusion in the approved WF R4-2406578, the MSD for CA\_n28-n39-n41 applied with simultaneous Rx-Tx is ultra-high, up to 40dB. Thus, the requirements of simultaneous Rx-Tx should not be applied to the combo.  2. Capture the delta\_TiB. RiB for CA\_n39-n40-n41 based on the approved WF  3. According to the WF R4-2406578, MSD values for some higher order combos of CA\_n39-n41 and CA\_n40-n41 are approved. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | 1. Add note to CA\_n28-n39-n41 in Table 5.2A.2.2-1: Applicable for UE supporting inter-band carrier aggregation without simultaneous Rx/Tx capability 2. Add note to the updated ΔTIB,c of CA\_n39-n40-n41: The requirement only apply for UE supporting inter-band carrier aggregation with simultaneous Rx/Tx capability. 3. Add ΔRIB,c for CA\_n39-n40-n41. 4. Add MSD for CA\_n8-n40-n41, CA\_n28-n40-n41, CA\_n39-n40-n41, CA\_n40-n41-n79 and CA\_n39-n41-n79 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The conclusions in Rel-18 WID simultaneous Rx-Tx basket are not fully captured in spec. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.2A.2.2, 6.2A.4.2.4, 7.3A.3.2.3, 7.3A.5 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **x** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **x** |  | Test specifications | | | | TS 38.521-1 | | |
| ***(show related CRs)*** | |  | **x** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

## **<<Start of Change>>**

#### 5.2A.2.2 Inter-band CA (three bands)

Table 5.2A.2.2-1: Inter-band CA operating bands involving FR1 (three bands)

|  |  |  |
| --- | --- | --- |
| NR CA Band | NR Band  (Table 5.2-1) | DL interruption allowed  (Note 4) |
| CA\_n1-n3-n5 | n1, n3, n5 |  |
| CA\_n1-n3-n7 | n1, n3, n7 |  |
| CA\_n1-n3-n8 | n1, n3, n8 |  |
| CA\_n1-n3-n18 | n1, n3, n18 |  |
| CA\_n1-n3-n20 | n1, n3, n20 |  |
| CA\_n1-n3-n26 | n1, n3, n26 |  |
| CA\_n1-n3-n28 | n1, n3, n28 |  |
| CA\_n1-n3-n38 | n1, n3, n38 |  |
| CA\_n1-n3-n40 | n1, n3, n40 |  |
| CA\_n1-n3-n413 | n1, n3, n41 |  |
| CA\_n1-n3-n75 | n1, n3, n75 |  |
| CA\_n1-n3-n77 | n1, n3, n77 |  |
| CA\_n1-n3-n783 | n1, n3, n78 | No for CA\_n1-n78, CA\_n3-n78 |
| CA\_n1-n3-n793 | n1, n3, n79 |  |
| CA\_n1-n3-n105 | n1, n3, n105 |  |
| CA\_n1-n5-n7 | n1, n5, n7 |  |
| CA\_n1-n5-n28 | n1, n5, n28 |  |
| CA\_n1-n5-n40 | n1, n5, n40 |  |
| CA\_n1-n5-n78 | n1, n5, n78 | No for CA\_n1-n78, CA\_n5-n78 |
| CA\_n1-n5-n79 | n1, n5, n79 |  |
| CA\_n1-n7-n8 | n1, n7, n8 |  |
| CA\_n1-n7-n28 | n1, n7, n28 |  |
| CA\_n1-n7-n38 | n1, n7, n38 |  |
| CA\_n1-n7-n40 | n1, n7, n40 |  |
| CA\_n1-n7-n67 | n1, n7, n67 |  |
| CA\_n1-n7-n75 | n1,n7, n75 |  |
| CA\_n1-n7-n783 | n1, n7, n78 |  |
| CA\_n1-n7-n79 | n1, n7, n79 |  |
| CA\_n1-n7-n105 | n1, n7, n105 |  |
| CA\_n1-n8-n28 | n1, n8, n28 |  |
| CA\_n1-n8-n40 | n1, n8, n40 |  |
| CA\_n1-n8-n77 | n1, n8, n77 |  |
| CA\_n1-n8-n783 | n1, n8, n78 |  |
| CA\_n1-n8-n79 | n1, n8, n79 |  |
| CA\_n1-n18-n28 | n1, n18, n28 |  |
| CA\_n1-n18-n41 | n1, n18, n41 |  |
| CA\_n1-n18-n77 | n1, n18, n77 |  |
| CA\_n1-n20-n67 | n1, n20, n67 |  |
| CA\_n1-n20-n78 | n1, n20, n78 |  |
| CA\_n1-n26-n78 | n1, n26, n78 |  |
| CA\_n1-n28-n38 | n1, n28, n38 |  |
| CA\_n1-n28-n40 | n1, n28, n40 |  |
| CA\_n1-n28-n413 | n1, n28, n41 |  |
| CA\_n1-n28-n46 | n1, n28, n46 |  |
| CA\_n1-n28-n75 | n1, n28, n75 |  |
| CA\_n1-n28-n773 | n1, n28, n77 |  |
| CA\_n1-n28-n783 | n1, n28, n78 |  |
| CA\_n1-n28-n793 | n1, n28, n79 |  |
| CA\_n1-n28-n102 | n1, n28, n102 |  |
| CA\_n1-n38-n78 | n1, n38, n78 |  |
| CA\_n1-n40-n77 | n1, n40, n77 |  |
| CA\_n1-n40-n78 | n1, n40, n78 |  |
| CA\_n1-n40-n105 | n1, n40, n105 |  |
| CA\_n1-n41-n773 | n1, n41, n77 |  |
| CA\_n1-n41-n79 | n1, n41, n79 |  |
| CA\_n1-n46-n78 | n1, n46, n78 |  |
| CA\_n1-n67-n78 | n1, n67, n78 |  |
| CA\_n1-n75-n78 | n1, n75, n78 |  |
| CA\_n1-n77-n79 | n1, n77, n79 |  |
| CA\_n1-n78-n79 | n1, n78, n79 |  |
| CA\_n1-n78-n102 | n1, n78, n102 |  |
| CA\_n1-n78-n105 | n1, n78, n105 |  |
| CA\_n2-n5-n30 | n2, n5, n30 |  |
| CA\_n2-n5-n41 | n2, n5, n41 |  |
| CA\_n2-n5-n48 | n2, n5, n48 |  |
| CA\_n2-n5-n66 | n2, n5, n66 |  |
| CA\_n2-n5-n77 | n2, n5, n77 |  |
| CA\_n2-n7-n12 | n2, n7, n12 |  |
| CA\_n2-n7-n66 | n2, n7, n66 |  |
| CA\_n2-n7-n71 | n2, n7, n71 |  |
| CA\_n2-n7-n77 | n2, n7, n77 |  |
| CA\_n2-n12-n30 | n2, n12, n30 |  |
| CA\_n2-n12-n41 | n2, n12, n41 |  |
| CA\_n2-n12-n66 | n2, n12, n66 |  |
| CA\_n2-n12-n71 | n2, n12, n71 |  |
| CA\_n2-n12-n77 | n2, n12, n77 |  |
| CA\_n2-n14-n30 | n2, n14, n30 |  |
| CA\_n2-n14-n66 | n2, n14, n66 |  |
| CA\_n2-n14-n77 | n2, n14, n77 |  |
| CA\_n2-n29-n30 | n2, n29, n30 |  |
| CA\_n2-n29-n66 | n2, n29, n66 |  |
| CA\_n2-n29-n77 | n2, n29, n77 |  |
| CA\_n2-n30-n66 | n2, n30, n66 |  |
| CA\_n2-n30-n77 | n2, n30, n77 |  |
| CA\_n2-n41-n66 | n2, n41, n66 |  |
| CA\_n2-n41-n71 | n2, n41, n71 |  |
| CA\_n2-n48-n66 | n2, n48, n66 |  |
| CA\_n2-n48-n77 | n2, n48, n77 |  |
| CA\_n2-n66-n71 | n2, n66, n71 |  |
| CA\_n2-n66-n77 | n2, n66, n77 |  |
| CA\_n2-n66-n78 | n2, n66, n78 |  |
| CA\_n2-n71-n77 | n2, n71, n77 |  |
| CA\_n2-n71-n78 | n2, n71, n78 |  |
| CA\_n3-n5-n7 | n3, n5, n7 |  |
| CA\_n3-n5-n28 | n3, n5, n28 |  |
| CA\_n3-n5-n78 | n3, n5, n78 | No for CA\_n3-n78, CA\_n5-n78 |
| CA\_n3-n5-n79 | n3, n5, n79 |  |
| CA\_n3-n7-n8 | n3, n7, n8 |  |
| CA\_n3-n7-n20 | n3, n7, n20 |  |
| CA\_n3-n7-n26 | n3, n7, n26 |  |
| CA\_n3-n7-n28 | n3, n7, n28 |  |
| CA\_n3-n7-n38 | n3, n7, n38 |  |
| CA\_n3-n7-n67 | n3, n7, n67 |  |
| CA\_n3-n7-n75 | n3, n7, n75 |  |
| CA\_n3-n7-n783 | n3, n7, n78 |  |
| CA\_n3-n7-n79 | n3, n7, n79 |  |
| CA\_n3-n7-n105 | n3, n7, n105 |  |
| CA\_n3-n8-n28 | n3, n8, n28 |  |
| CA\_n3-n8-n41 | n3, n8, n41 |  |
| CA\_n3-n8-n77 | n3, n8, n77 |  |
| CA\_n3-n8-n783 | n3, n8, n78 |  |
| CA\_n3-n8-n79 | n3, n8, n79 |  |
| CA\_n3-n18-n28 | n3, n18, n28 |  |
| CA\_n3-n18-n41 | n3, n18, n41 |  |
| CA\_n3-n18-n77 | n3, n18, n77 |  |
| CA\_n3-n20-n28 | n3, n20, n28 |  |
| CA\_n3-n20-n67 | n3, n20, n67 |  |
| CA\_n3-n20-n78 | n3, n20, n78 |  |
| CA\_n3-n26-n78 | n3, n26, n38 |  |
| CA\_n3-n28-n38 | n3, n28, n38 |  |
| CA\_n3-n28-n403 | n3, n28, n40 |  |
| CA\_n3-n28-n413 | n3, n28, n41 |  |
| CA\_n3-n28-n773 | n3, n28, n77 |  |
| CA\_n3-n28-n783 | n3, n28, n78 |  |
| CA\_n3-n28-n793 | n3, n28, n79 |  |
| CA\_n3-n38-n40 | n3, n38, n40 |  |
| CA\_n3-n40-n41 | n3, n40, n41 | No for CA n3-n40, CA n3-n41 |
| CA\_n3-n40-n77 | n3, n40, n77 |  |
| CA\_n3-n40-n78 | n3, n40, n78 |  |
| CA\_n3-n40-n105 | n3, n40, n105 |  |
| CA\_n3-n41-n773 | n3, n41, n77 |  |
| CA\_n3-n41-n783 | n3, n41, n78 |  |
| CA\_n3-n41-n793 | n3, n41, n79 | No |
| CA\_n3-n67-n78 | n3, n67, n78 |  |
| CA\_n3-n75-n78 | n3, n75, n78 |  |
| CA\_n3-n77-n79 | n3, n77, n79 |  |
| CA\_n3-n78-n79 | n3, n78, n79 |  |
| CA\_n3-n78-n105 | n3, n78, n105 |  |
| CA\_n5-n7-n25 | n5, n7, n25 |  |
| CA\_n5-n7-n28 | n5, n7, n28 |  |
| CA\_n5-n7-n66 | n5, n7, n66 |  |
| CA\_n5-n7-n77 | n5, n7, n77 |  |
| CA\_n5-n7-n78 | n5, n7, n78 |  |
| CA\_n5-n12-n77 | n5, n12, n77 |  |
| CA\_n5-n14-n77 | n5, n14, n77 |  |
| CA\_n5-n25-n29 | n5, n25, n29 |  |
| CA\_n5-n25-n41 | n5, n25, n41 |  |
| CA\_n5-n25-n66 | n5, n25, n66 |  |
| CA\_n5-n25-n77 | n5, n25, n77 |  |
| CA\_n5-n25-n78 | n5, n25, n78 |  |
| CA\_n5-n28-n78 | n5, n28, n78 |  |
| CA\_n5-n28-n79 | n5, n28, n79 |  |
| CA\_n5-n28-n105 | n5, n28, n105 |  |
| CA\_n5-n29-n66 | n5, n29, n66 |  |
| CA\_n5-n29-n77 | n5, n29, n77 |  |
| CA\_n5-n30-n66 | n5, n30, n66 |  |
| CA\_n5-n30-n77 | n5, n30, n77 |  |
| CA\_n5-n40-n78 | n5, n40, n78 |  |
| CA\_n5-n41-n66 | n5, n41, n66 |  |
| CA\_n5-n41-n77 | n5, n41, n77 |  |
| CA\_n5-n48-n66 | n5, n48, n66 |  |
| CA\_n5-n48-n77 | n5, n48, n77 |  |
| CA\_n5-n66-n77 | n5, n66, n77 |  |
| CA\_n5-n66-n78 | n5, n66, n78 |  |
| CA\_n5-n78-n79 | n5, n78, n79 |  |
| CA\_n7-n8-n28 | n7, n8, n28 |  |
| CA\_n7-n8-n40 | n7, n8, n40 |  |
| CA\_n7-n8-n78 | n7, n8, n78 |  |
| CA\_n7-n12-n25 | n7, n12, n25 |  |
| CA\_n7-n12-n66 | n7, n12, n66 |  |
| CA\_n7-n12-n71 | n7, n12, n71 |  |
| CA\_n7-n12-n77 | n7, n12, n77 |  |
| CA\_n7-n20-n67 | n7, n20, n67 |  |
| CA\_n7-n20-n78 | n7, n20, n78 |  |
| CA\_n7-n25-n66 | n7, n25, n66 |  |
| CA\_n7-n25-n71 | n7, n25, n71 |  |
| CA\_n7-n25-n77 | n7, n25, n77 |  |
| CA\_n7-n25-n78 | n7, n25, n78 |  |
| CA\_n7-n26-n78 | n7, n26, n78 |  |
| CA\_n7-n28-n38 | n7, n28, n38 |  |
| CA\_n7-n28-n78 | n7, n28, n78 |  |
| CA\_n7-n40-n105 | n7, n40, n105 |  |
| CA\_n7-n46-n78 | n7, n46, n78 |  |
| CA\_n7-n66-n71 | n7, n66, n71 |  |
| CA\_n7-n66-n77 | n7, n66, n77 |  |
| CA\_n7-n66-n78 | n7, n66, n78 |  |
| CA\_n7-n67-n78 | n7, n67, n78 |  |
| CA\_n7-n71-n77 | n7, n71, n77 |  |
| CA\_n7-n75-n78 | n7, n75, n78 |  |
| CA\_n7-n78-n102 | n7, n78, n102 |  |
| CA\_n7-n78-n105 | n7, n78, n105 |  |
| CA\_n8-n20-n28 | n8, n20, n28 |  |
| CA\_n8-n20-n75 | n8, n20, n75 |  |
| CA\_n8-n28-n75 | n8, n28, n75 |  |
| CA\_n8-n28-n783 | n8, n28, n78 |  |
| CA\_n8-n38-n40 | n8, n38, n40 |  |
| CA\_n8-n39-n41 | n8, n39, n41 | No for CA n8-n41, CA n39-n41 |
| CA\_n8-n39-n79 | n8, n39, n79 |  |
| CA\_n8-n40-n41 | n8, n40, n41 |  |
| CA\_n8-n40-n78 | n8, n40, n78 |  |
| CA\_n8-n41-n793 | n8, n41, n79 | No |
| CA\_n8-n78-n79 | n8, n78, n79 |  |
| CA\_n12-n25-n41 | n12, n25, n41 |  |
| CA\_n12-n25-n66 | n12, n25, n66 |  |
| CA\_n12-n30-n66 | n12, n30, n66 |  |
| CA\_n12-n30-n77 | n12, n30, n77 |  |
| CA\_n12-n41-n66 | n12, n41, n66 |  |
| CA\_n12-n41-n77 | n12, n41, n77 |  |
| CA\_n12-n66-n77 | n12, n66, n77 |  |
| CA\_n12-n71-n77 | n12, n71, n77 |  |
| CA\_n13-n25-n66 | n13, n25, n66 |  |
| CA\_n13-n25-n77 | n13, n25, n77 |  |
| CA\_n13-n66-n77 | n13, n66, n77 |  |
| CA\_n14-n30-n66 | n14, n30, n66 |  |
| CA\_n14-n30-n77 | n14, n30, n77 |  |
| CA\_n14-n66-n77 | n14, n66, n77 |  |
| CA\_n18-n28-n41 | n18, n28, n41 |  |
| CA\_n18-n28-n77 | n18, n28, n77 |  |
| CA\_n18-n41-n77 | n18, n41, n77 |  |
| CA\_n20-n28-n75 | n20, n28, n75 |  |
| CA\_n20-n28-n78 | n20, n28, n78 |  |
| CA\_n20-n67-n78 | n20, n67, n78 |  |
| CA\_n24-n41-n48 | n24, n41, n48 |  |
| CA\_n24-n41-n77 | n24, n41, n77 |  |
| CA\_n24-n48-n77 | n24, n48, n77 |  |
| CA\_n25-n41-n77 | n25, n41, n77 |  |
| CA\_n25-n29-n66 | n25, n29, n66 |  |
| CA\_n25-n38-n78 | n25, n38, n78 |  |
| CA\_n25-n41-n66 | n25, n41, n66 |  |
| CA\_n25-n41-n71 | n25, n41, n71 |  |
| CA\_n25-n41-n77 | n25, n41, n77 |  |
| CA\_n25-n41-n78 | n25, n41, n78 |  |
| CA\_n25-n41-n85 | n25, n41, n85 |  |
| CA\_n25-n48-n66 | n25, n48, n66 |  |
| CA\_n25-n66-n71 | n25, n66, n71 |  |
| CA\_n25-n66-n77 | n25, n66, n77 |  |
| CA\_n25-n66-n78 | n25, n66, n78 |  |
| CA\_n25-n66-n85 | n25, n66, n85 |  |
| CA\_n25-n71-n77 | n25, n71, n77 |  |
| CA\_n25-n71-n78 | n25, n71, n78 |  |
| CA\_n25-n71-n85 | n25, n71, n85 |  |
| CA\_n25-n77-n85 | n25, n77 n85 |  |
| CA\_n26-n29-n66 | n26, n29, n66 |  |
| CA\_n26-n29-n70 | n26, n29, n70 |  |
| CA\_n26-n48-n66 | n26, n48, n66 |  |
| CA\_n26-n48-n70 | n26, n48, n70 |  |
| CA\_n26-n66-n70 | n26, n66, n70 |  |
| CA\_n26-n66-n71 | n26, n66, n71 |  |
| CA\_n26-n66-n77 | n26, n66, n77 |  |
| CA\_n26-n70-n71 | n26, n70, n71 |  |
| CA\_n26-n70-n77 | n26, n70, n77 |  |
| CA\_n28-n38-n78 | n28, n38, n78 |  |
| CA\_n28-n39-n40 | n28, n39, n40 |  |
| CA\_n28-n39-n41 | n28, n39, n41 |  |
| CA\_n28-n39-n79 | n28, n39, n79 |  |
| CA\_n28-n40-n41 | n28, n40, n41 |  |
| CA\_n28-n40-n77 | n28, n40, n77 |  |
| CA\_n28-n40-n78 | n28, n40, n78 |  |
| CA\_n28-n40-n79 | n28, n40, n79 |  |
| CA\_n28-n41-n773 | n28, n41, n77 |  |
| CA\_n28-n41-n783 | n28, n41, n78 |  |
| CA\_n28-n41-n793 | n28, n41, n79 |  |
| CA\_n28-n46-n78 | n28, n46, n78 |  |
| CA\_n28-n75-n78 | n28, n75, n78 |  |
| CA\_n28-n77-n79 | n28, n77, n79 |  |
| CA\_n28-n78-n79 | n28, n78, n79 |  |
| CA\_n28-n78-n102 | n28, n78, n102 |  |
| CA\_n29-n30-n66 | n29, n30, n66 |  |
| CA\_n29-n30-n77 | n29, n30, n77 |  |
| CA\_n29-n66-n70 | n29, n66, n70 |  |
| CA\_n29-n66-n71 | n29, n66, n71 |  |
| CA\_n29-n66-n77 | n29, n66, n77 |  |
| CA\_n29-n70-n71 | n29, n70, n71 |  |
| CA\_n30-n66-n77 | n30, n66, n77 |  |
| CA\_n34-n39-n40 | n34, n39, n40 |  |
| CA\_n34-n39-n41 | n34, n39, n41 |  |
| CA\_n34-n40-n41 | n34, n40, n41 |  |
| CA\_n34-n41-n79 | n34, n41, n79 |  |
| CA\_n38-n66-n78 | n38, n66, n78 |  |
| CA\_n39-n40-n41 | n39, n40, n41 |  |
| CA\_n39-n40-n79 | n39, n40, n79 |  |
| CA\_n39-n41-n79 | n39, n41, n79 | No |
| CA\_n40-n41-n791,2 | n40, n41, n79 | No for CA n40-n79, CA n41-n79 |
| CA\_n40-n78-n105 | n40, n78, n105 |  |
| CA\_n41-n66-n71 | n41, n66, n71 |  |
| CA\_n41-n66-n77 | n41, n66, n77 |  |
| CA\_n41-n66-n78 | n41, n66, n78 |  |
| CA\_n41-n66-n85 | n41, n66, n85 |  |
| CA\_n41-n70-n78 | n41, n70, n78 |  |
| CA\_n41-n71-n77 | n41, n71, n77 |  |
| CA\_n41-n71-n78 | n41, n71, n78 |  |
| CA\_n41-n71-n85 | n41, n71, n85 |  |
| CA\_n41-n77-n79 | n41, n77, n79 |  |
| CA\_n41-n77-n85 | n41, n77, n85 |  |
| CA\_n46-n48-n96 | n46, n48, n96 |  |
| CA\_n46-n78-n102 | n46, n78, n102 |  |
| CA\_n48-n66-n70 | n48, n66, n70 |  |
| CA\_n48-n66-n71 | n48, n66, n71 |  |
| CA\_n48-n66-n77 | n48, n66, n77 |  |
| CA\_n48-n70-n71 | n48, n70, n71 |  |
| CA\_n48-n70-n77 | n48, n70, n77 |  |
| CA\_n48-n71-n77 | n48, n71, n77 |  |
| CA\_n66-n70-n71 | n66, n70, n71 |  |
| CA\_n66-n70-n77 | n66, n70, n77 |  |
| CA\_n66-n70-n78 | n66, n70, n78 |  |
| CA\_n66-n71-n77 | n66, n71, n77 |  |
| CA\_n66-n71-n78 | n66, n71, n78 |  |
| CA\_n66-n71-n85 | n66, n71, n85 |  |
| CA\_n66-n77-n85 | n66, n77, n85 |  |
| CA\_n70-n71-n77 | n70, n71, n77 |  |
| NOTE 1: The frequency range below 2506 MHz for Band n41 is not used in this band combination.  NOTE 2: Applicable for frequency range above 4800 MHz for Band n79 in this band combination.  NOTE 3: Applicable for UE supporting inter-band carrier aggregation with mandatory simultaneous Rx/Tx capability  NOTE 4: Applicable when dynamic Tx switching is conducted across 2 UL bands. The DL interruption requirement is specified in clause 8.2.2.2.10 of 38.133 [13].  NOTE X: Only applicable for UE supporting inter-band carrier aggregation without simultaneous Rx/Tx | | |

## **<<Next Change>>**

##### 6.2A.4.2.4 ΔTIB,c for Inter-band CA (three bands)

Table 6.2A.4.2.4-1: ΔTIB,c due to NR CA (three bands)

|  |  |  |  |
| --- | --- | --- | --- |
| Inter-band CA combination | ΔTIB,c for NR bands (dB)8 | | |
| Component band in order of bands in configuration9 | | |
| CA\_n1-n3-n5 | 0.3 | 0.3 | 0.3 |
| CA\_n1-n3-n7 | 0.6 | 0.6 | 0.6 |
| CA\_n1-n3-n8 | 0.3 | 0.3 | 0.3 |
| CA\_n1-n3-n18 | 0.3 | 0.3 | 0.3 |
| CA\_n1-n3-n20 | 0.3 | 0.3 | 0.3 |
| CA\_n1-n3-n26 | 0.3 | 0.3 | 0.3 |
| CA\_n1-n3-n28 | 0.3 | 0.3 | 0.6 |
| CA\_n1-n3-n38 | 0.5 | 0.5 | 0.3 |
| CA\_n1-n3-n40 | 0.5 | 0.5 | 0.5 |
| CA\_n1-n3-n41 | 0.5 | 0.5 | 0.35 / 0.86 |
| CA\_n1-n3-n75 | 0.3 | 0.3 | N/A |
| CA\_n1-n3-n77 | 0.6 | 0.6 | 0.8 |
| CA\_n1-n3-n78 | 0.6 | 0.6 | 0.8 |
| CA\_n1-n3-n79 | 0.3 | 0.3 | 0.8 |
| CA\_n1-n3-n105 | 0.3 | 0.3 | 0.6 |
| CA\_n1-n5-n7 | 0.5 | 0.3 | 0.6 |
| CA\_n1-n5-n28 | 0.3 | 0.6 | 0.6 |
| CA\_n1-n5-n40 | 0.6 | 0.3 | 0.5 |
| CA\_n1-n5-n78 | 0.6 | 0.6 | 0.8 |
| CA\_n1-n5-n79 | 0.6 | 0.6 | 0.8 |
| CA\_n1-n7-n8 | 0.5 | 0.6 | 0.6 |
| CA\_n1-n7-n26 | 0.5 | 0.6 | 0.3 |
| CA\_n1-n7-n28 | 0.5 | 0.6 | 0.6 |
| CA\_n1-n7-n38 | 0.5 | N/A | N/A |
| CA\_n1-n7-n40 | 0.6 | 0.8 | 0.9 |
| CA\_n1-n7-n67 | 0.5 | 0.5 | N/A |
| CA\_n1-n7-n75 | 0.5 | 0.6 | N/A |
| CA\_n1-n7-n78 | 0.6 | 0.6 | 0.8 |
| CA\_n1-n7-n79 | 0.6 | 0.6 | 0.8 |
| CA\_n1-n7-n105 | 0.5 | 0.6 | 0.6 |
| CA\_n1-n8-n28 | 0.3 | 0.6 | 0.6 |
| CA\_n1-n8-n40 | 0.3 | 0.3 | 0.5 |
| CA\_n1-n8-n77 | 0.3 | 0.6 | 0.8 |
| CA\_n1-n8-n78 | 0.3 | 0.6 | 0.8 |
| CA\_n1-n8-n79 | 0.3 | 0.6 | 0.8 |
| CA\_n1-n18-n28 | 0.3 | 0.5 | 0.5 |
| CA\_n1-n18-n41 | 0.5 | 0.3 | 0.5 |
| CA\_n1-n18-n77 | 0.3 | 0.3 | 0.8 |
| CA\_n1-n20-n67 | 0.5 | 0.6 | N/A |
| CA\_n1-n20-n78 | 0.3 | 0.6 | 0.8 |
| CA\_n1-n26-n78 | 0.6 | 0.6 | 0.8 |
| CA\_n1-n28-n38 | 0.5 | 0.6 | 0.5 |
| CA\_n1-n28-n40 | 0.6 | 0.3 | 0.5 |
| CA\_n1-n28-n41 | 0.5 | 0.6 | 0.6 |
| CA\_n1-n28-n46 | 0.3 | 0.6 | - |
| CA\_n1-n28-n75 | 0.3 | 0.6 | N/A |
| CA\_n1-n28-n77 | 0.6 | 0.6 | 0.8 |
| CA\_n1-n28-n78 | 0.3 | 0.6 | 0.8 |
| CA\_n1-n28-n79 | - | 0.2 | 0.5 |
| CA\_n1-n28-n102 | 0.6 | 0.6 | 0.8 |
| CA\_n1-n38-n78 | 0.5 | 0.5 | 0.8 |
| CA\_n1-n40-n77 | 0.3 | 0.5 | 0.8 |
| CA\_n1-n40-n78 | 0.3 | 0.5 | 0.8 |
| CA\_n1-n40-n105 | 0.5 | 0.5 | 0.6 |
| CA\_n1-n41-n77 | 0.5 | 0.5 | 0.8 |
| CA\_n1-n41-n79 | 0.5 | 0.5 | 0.8 |
| CA\_n1-n46-n78 | 0.3 | - | 0.8 |
| CA\_n1-n67-n78 | 0.3 | N/A | 0.8 |
| CA\_n1-n75-n78 | 0.3 | N/A | 0.8 |
| CA\_n1-n77-n79 | 0.6 | 0.8 | 0.5 |
| CA\_n1-n78-n79 | 0.3 | 0.8 / 1.57 | 0.5 / 1.57 |
| CA\_n1-n78-n102 | 0.6 | 1.5 | 1.5 |
| CA\_n1-n78-n105 | 0.3 | 0.8 | 0.6 |
| CA\_n2-n5-n30 | 0.5 | 0.3 | 0.3 |
| CA\_n2-n5-n41 | 0.5 | 0.6 | 0.45 / 0.96 |
| CA\_n2-n5-n48 | 0.6 | 0.3 | 0.8 |
| CA\_n2-n5-n66 | 0.5 | 0.3 | 0.5 |
| CA\_n2-n5-n77 | 0.6 | 0.8 | 0.8 |
| CA\_n2-n7-n12 | 0.5 | 0.5 | 0.3 |
| CA\_n2-n7-n71 | 0.5 | 0.5 | 0.6 |
| CA\_n2-n7-n66 | 0.5 | 0.5 | 0.5 |
| CA\_n2-n7-n77 | 0.6 | 0.5 | 0.8 |
| CA\_n2-n12-n30 | 0.5 | 0.3 | 0.3 |
| CA\_n2-n12-n41 | 0.5 | 0.3 | 0.45 / 0.96 |
| CA\_n2-n12-n66 | 0.5 | 0.8 | 0.5 |
| CA\_n2-n12-n71 | 0.3 | 1 | 1 |
| CA\_n2-n12-n77 | 0.6 | 0.3 | 0.8 |
| CA\_n2-n14-n30 | 0.5 | 0.3 | 0.5 |
| CA\_n2-n14-n66 | 0.5 | 0.3 | 0.5 |
| CA\_n2-n14-n77 | 0.5 | 0.3 | 0.8 |
| CA\_n2-n29-n30 | 0.5 | N/A | 0.3 |
| CA\_n2-n29-n66 | 0.5 | N/A | 0.5 |
| CA\_n2-n29-n77 | 0.6 | N/A | 0.8 |
| CA\_n2-n30-n66 | 0.5 | 0.3 | 0.5 |
| CA\_n2-n30-n77 | 0.6 | 0.3 | 0.8 |
| CA\_n2-n41-n66 | 0.5 | 0.86 / 1.37 | 0.5 |
| CA\_n2-n41-n71 | 0.5 | 0.45/0.96 | 0.6 |
| CA\_n2-n48-n66 | 0.6 | 0.8 | 0.6 |
| CA\_n2-n48-n77 | 0.6 | 0.8 | 0.8 |
| CA\_n2-n66-n71 | 0.5 | 0.5 | 0.3 |
| CA\_n2-n66-n77 | 0.6 | 0.6 | 0.8 |
| CA\_n2-n66-n78 | 0.6 | 0.6 | 0.8 |
| CA\_n2-n71-n77 | 0.6 | 0.3 | 0.8 |
| CA\_n2-n71-n78 | 0.6 | 0.6 | 0.8 |
| CA\_n3-n5-n7 | 0.5 | 0.3 | 0.5 |
| CA\_n3-n5-n28 | 0.3 | 0.6 | 0.5 |
| CA\_n3-n5-n78 | 0.6 | 0.6 | 0.8 |
| CA\_n3-n5-n79 | 0.3 | 0.5 | 0.8 |
| CA\_n3-n7-n8 | 0.5 | 0.5 | 0.6 |
| CA\_n3-n7-n20 | 0.5 | 0.5 | 0.3 |
| CA\_n3-n7-n26 | 0.5 | 0.5 | 0.3 |
| CA\_n3-n7-n28 | 0.5 | 0.5 | 0.3 |
| CA\_n3-n7-n38 | 0.5 | N/A | N/A |
| CA\_n3-n7-n67 | 0.5 | 0.5 | N/A |
| CA\_n3-n7-n75 | 0.7 | 0.7 | N/A |
| CA\_n3-n7-n78 | 0.6 | 0.6 | 0.8 |
| CA\_n3-n7-n79 | 0.5 | 0.5 | 0.8 |
| CA\_n3-n7-n105 | 0.5 | 0.5 | 0.6 |
| CA\_n3-n8-n28 | 0.3 | 0.6 | 0.5 |
| CA\_n3-n8-n41 | 0.5 | 0.3 | 0.31 / 0.82 |
| CA\_n3-n8-n77 | 0.6 | 0.6 | 0.8 |
| CA\_n3-n8-n78 | 0.6 | 0.6 | 0.8 |
| CA\_n3-n8-n79 | 0.3 | 0.3 | 0.5 |
| CA\_n3-n18-n28 | 0.3 | 0.5 | 0.3 |
| CA\_n3-n18-n41 | 0.5 | 0.3 | 0.31 / 0.82 |
| CA\_n3-n18-n77 | 0.6 | 0.3 | 0.8 |
| CA\_n3-n20-n28 | 0.3 | 0.5 | 0.5 |
| CA\_n3-n20-n67 | 0.3 | 0.5 | N/A |
| CA\_n3-n20-n78 | 0.5 | 0.3 | 0.8 |
| CA\_n3-n26-n78 | 0.6 | 0.6 | 0.8 |
| CA\_n3-n28-n38 | 0.5 | 0.5 | 0.3 |
| CA\_n3-n28-n40 | 0.5 | 0.3 | 0.5 |
| CA\_n3-n28-n41 | 0.5 | 0.3 | 0.31 / 0.82 |
| CA\_n3-n28-n77 | 0.6 | 0.5 | 0.8 |
| CA\_n3-n28-n78 | 0.5 | 0.3 | 0.8 |
| CA\_n3-n28-n79 | 0.3 | 0.5 | 0.8 |
| CA\_n3-n38-n40 | 0.5 | 0.51,3 | 0.5 |
| CA\_n3-n40-n78 | 0.6 | 0.5 | 0.8 |
| CA\_n3-n40-n105 | 0.5 | 0.5 | 0.6 |
| CA\_n3-n67-n78 | 0.5 | N/A | 0.8 |
| CA\_n3-n75-n78 | 0.6 | N/A | 0.8 |
| CA\_n3-n77-n79 | 0.6 | 0.8 | - |
| CA\_n3-n78-n79 | 0.6 | 0.8 | 0.8 |
| CA\_n3-n78-n105 | 0.6 | 0.8 | 0.6 |
| CA\_n3-n40-n41 | 0.5 | 0.5 | 0.51 / 0.823 |
| CA\_n3-n40-n77 | 0.6 | 0.5 | 0.8 |
| CA\_n3-n41-n77 | 0.6 | 0.31 / 0.82 | 0.8 |
| CA\_n3-n41-n78 | 0.6 | 0.31 / 0.82 | 0.8 |
| CA\_n3-n41-n79 | 0.3 | 0.31 / 0.82 | 0.8 |
| CA\_n5-n7-n25 | 0.3 | 0.5 | 0.5 |
| CA\_n5-n7-n28 | 0.5 | 0.3 | 0.6 |
| CA\_n5-n7-n66 | 0.3 | 0.5 | 0.5 |
| CA\_n5-n7-n77 | 0.6 | 0.6 | 0.8 |
| CA\_n5-n7-n78 | 0.6 | 0.6 | 0.8 |
| CA\_n5-n12-n77 | 0.8 | 0.4 | 0.5 |
| CA\_n5-n14-n77 | 0.5 | 0.3 | 0.8 |
| CA\_n5-n25-n29 | 0.5 | 0.3 | N/A |
| CA\_n5-n25-n41 | 0.6 | 0.5 | 0.45 / 0.96 |
| CA\_n5-n25-n66 | 0.3 | 0.5 | 0.5 |
| CA\_n5-n25-n77 | 0.6 | 0.6 | 0.8 |
| CA\_n5-n25-n78 | 0.6 | 0.6 | 0.8 |
| CA\_n5-n28-n105 | 0.7 | 1.0 | 1.0 |
| CA\_n5-n28-n78 | 0.7 | 0.7 | 0.8 |
| CA\_n5-n28-n79 | 0.7 | 0.7 | 0.8 |
| CA\_n5-n29-n66 | 0.5 | N/A | 0.3 |
| CA\_n5-n29-n77 | 0.8 | N/A | 0.5 |
| CA\_n5-n30-n66 | 0.3 | 0.3 | 0.5 |
| CA\_n5-n30-n77 | 0.6 | 0.3 | 0.8 |
| CA\_n5-n40-n78 | 0.6 | 0.5 | 0.8 |
| CA\_n5-n41-n66 | 0.6 | 0.85 / 1.36 | 0.5 |
| CA\_n5-n41-n77 | 0.6 | 0.3 | 0.8 |
| CA\_n5-n48-n66 | 0.3 | 0.8 | 0.6 |
| CA\_n5-n48-n77 | 0.6 | 0.8 | 0.8 |
| CA\_n5-n66-n77 | 0.6 | 0.6 | 0.8 |
| CA\_n5\_n66-n78 | 0.6 | 0.6 | 0.8 |
| CA\_n5\_n78-n79 | 0.5 | 0.8 / 1.57 | 0.5 / 1.57 |
| CA\_n7-n8-n28 | 0.3 | 0.6 | 0.5 |
| CA\_n7-n8-n40 | 0.5 | 0.6 | 0.6 |
| CA\_n7-n8-n78 | 0.5 | 0.6 | 0.8 |
| CA\_n7-n12-n25 | 0.5 | 0.3 | 0.5 |
| CA\_n7-n12-n66 | 0.5 | 0.3 | 0.5 |
| CA\_n7-n12-n71 | 0.3 | 1 | 1 |
| CA\_n7-n12-n77 | 0.5 | 0.5 | 0.8 |
| CA\_n7-n20-n67 | 0.3 | 0.3 | N/A |
| CA\_n7-n20-n78 | 0.3 | 0.3 | 0.8 |
| CA\_n7\_n25-n66 | 0.5 | 0.5 | 0.5 |
| CA\_n7-n25-n71 | 0.5 | 0.5 | 0.3 |
| CA\_n7-n25-n77 | 0.5 | 0.6 | 0.8 |
| CA\_n7-n25-n78 | 0.5 | 0.6 | 0.8 |
| CA\_n7-n26-n78 | 0.6 | 0.6 | 0.8 |
| CA\_n7-n28-n38 | N/A | 0.3 | N/A |
| CA\_n7\_n28-n78 | 0.3 | 0.3 | 0.8 |
| CA\_n7-n40-n105 | 0.5 | 0.6 | 0.6 |
| CA\_n7-n46-n78 | 0.5 | - | 0.8 |
| CA\_n7-n66-n71 | 0.5 | 0.5 | 0.5 |
| CA\_n7-n66-n77 | 0.5 | 0.6 | 0.8 |
| CA\_n7\_n66-n78 | 0.5 | 0.6 | 0.8 |
| CA\_n7-n67-n78 | 0.5 | - | 0.8 |
| CA\_n7-n71-n77 | 0.3 | 0.5 | 0.8 |
| CA\_n7-n75-n78 | 0.7 | N/A | 0.8 |
| CA\_n7-n78-n102 | 0.5 | 1.5 | 1.5 |
| CA\_n7-n78-n105 | 0.3 | 0.8 | 0.5 |
| CA\_n8-n20-n28 | 0.8 | 0.7 | 0.7 |
| CA\_n8-n20-n75 | 0.4 | 0.4 | N/A |
| CA\_n8-n28-n75 | 0.6 | 0.5 | N/A |
| CA\_n8-n28-n78 | 0.6 | 0.5 | 0.8 |
| CA\_n8-n38-n40 | 0.3 | 0.3 | 0.3 |
| CA\_n8-n39-n41 | 0.6 | 0.5 | 0.5 |
| CA\_n8-n39-n79 | 0.3 | 0.3 | - |
| CA\_n8-n40-n41 | 0.3 | 0.3 | 0.3 |
| CA\_n8-n40-n78 | 0.6 | 0.3 | 0.8 |
| CA\_n8-n41-n79 | 0.6 | 0.3 | 0.8 |
| CA\_n8-n78-n79 | 0.6 | 0.8 | 0.8 |
| CA\_n12-n25-n41 | 0.3 | 0.5 | 0.45 / 0.96 |
| CA\_n12-n25-n66 | 0.8 | 0.5 | 0.5 |
| CA\_n12-n30-n66 | 0.8 | 0.3 | 0.5 |
| CA\_n12-n30-n77 | 0.5 | 0.3 | 0.5 |
| CA\_n12-n41-n66 | 0.5 | 0.5 | 0.5 |
| CA\_n12-n41-n77 | 0.5 | 0.5 | 0.8 |
| CA\_n12-n66-n77 | 0.8 | 0.6 | 0.8 |
| CA\_n12-n71-n77 | 1 | 1 | 0.8 |
| CA\_n13-n25-n66 | 0.3 | 0.5 | 0.5 |
| CA\_n13-n25-n77 | 0.3 | 0.6 | 0.8 |
| CA\_n13-n66-n77 | 0.5 | 0.6 | 0.8 |
| CA\_n14-n30-n66 | 0.3 | 0.3 | 0.5 |
| CA\_n14-n30-n77 | 0.5 | 0.3 | 0.8 |
| CA\_n14-n66-n77 | 0.6 | 0.6 | 0.8 |
| CA\_n18-n28-n41 | 0.4 | 0.4 | 0.3 |
| CA\_n18-n28-n77 | 0.5 | 0.5 | 0.8 |
| CA\_n18-n41-n77 | 0.3 | 0.3 | 0.8 |
| CA\_n20-n28-n75 | 0.5 | 0.5 | N/A |
| CA\_n20-n28-n78 | 0.6 | 0.5 | 0.8 |
| CA\_n20-n67-n78 | 0.6 | N/A | 0.8 |
| CA\_n24-n41-n48 | 0.6 | 0.41 / 0.92 | 0.8 |
| CA\_n24-n41-n77 | 0.6 | 0.45 / 0.96 | 0.8 |
| CA\_n24-n48-n77 | 0.6 | 0.8 | 0.8 |
| CA\_n25-n29-n66 | 0.5 | N/A | 0.5 |
| CA\_n25-n38-n78 | 0.5 | 0.4 | 0.8 |
| CA\_n25-n41-n66 | 0.5 | 0.85 / 1.36 | 0.5 |
| CA\_n25-n41-n71 | 0.5 | 0.5 | 0.6 |
| CA\_n25-n41-n77 | 0.5 | 0.5 | 0.6 |
| CA\_n25-n41-n78 | 0.6 | 0.5 | 0.8 |
| CA\_n25-n41-n85 | 0.5 | 0.5 | 0.3 |
| CA\_n25-n48-n66 | 0.6 | 0.8 | 0.6 |
| CA\_n25-n66-n71 | 0.5 | 0.5 | 0.6 |
| CA\_n25-n66-n77 | 0.6 | 0.6 | 0.8 |
| CA\_n25-n66-n78 | 0.6 | 0.6 | 0.8 |
| CA\_n25-n66-n85 | 0.5 | 0.5 | 0.8 |
| CA\_n25-n71-n77 | 0.6 | 0.6 | 0.8 |
| CA\_n25-n71-n78 | 0.6 | 0.6 | 0.8 |
| CA\_n25-n71-n85 | 0.3 | 1 | 1 |
| CA\_n25-n77-n85 | 0.6 | 0.8 | 0.3 |
| CA\_n26-n29-n66 | 0.5 | N/A | 0.3 |
| CA\_n26-n29-n70 | 0.5 | N/A | 0.3 |
| CA\_n26-n48-n66 | 0.3 | 0.8 | 0.6 |
| CA\_n26-n48-n70 | 0.3 | 0.8 | 0.6 |
| CA\_n26-n66-n70 | 0.3 | 0.5 | 0.5 |
| CA\_n26-n66-n71 | 0.5 | 0.3 | 0.5 |
| CA\_n26-n66-n77 | 0.6 | 0.6 | 0.8 |
| CA\_n26-n70-n71 | 0.5 | 0.3 | 0.6 |
| CA\_n26-n70-n77 | 0.6 | 0.6 | 0.8 |
| CA\_n28-n38-n78 | 0.5 | 0.3 | 0.8 |
| CA\_n28-n39-n40 | 0.3 | 0.3 | 0.3 |
| CA\_n28-n39-n41 | 0.3 | 0.5 | 0.5 |
| CA\_n28-n39-n79 | 0.5 | 0.3 | 0.8 |
| CA\_n28-n40-n41 | 0.3 | 0.5 | 0.5 |
| CA\_n28-n40-n77 | 0.5 | 0.3 | 0.8 |
| CA\_n28-n40-n78 | 0.5 | 0.3 | 0.8 |
| CA\_n28-n40-n79 | 0.5 | 0.3 | 0.8 |
| CA\_n28-n41-n79 | 0.5 | 0.3 | 0.8 |
| CA\_n28-n41-n77 | 0.5 | 0.3 | 0.8 |
| CA\_n28-n41-n78 | 0.5 | 0.3 | 0.8 |
| CA\_n28-n46-n78 | 0.5 | - | 0.8 |
| CA\_n28-n75-n78 | 0.3 | N/A | 0.8 |
| CA\_n28-n77-n79 | 0.5 | 0.8 | 0.5 |
| CA\_n28-n78-n79 | 0.5 | 0.8 / 1.57 | 0.5 / 1.57 |
| CA\_n28-n78-n102 | 0.5 | 1.5 | 1.5 |
| CA\_n29-n30-n66 | N/A | 0.3 | 0.5 |
| CA\_n29-n30-n77 | N/A | 0.3 | 0.5 |
| CA\_n29-n66-n70 | N/A | 0.5 | 0.5 |
| CA\_n29-n66-n71 | N/A | 0.3 | 0.5 |
| CA\_n29-n66-n77 | N/A | 0.6 | 0.8 |
| CA\_n29-n70-n71 | N/A | 0.3 | 0.6 |
| CA\_n30-n66-n77 | 0.3 | 0.6 | 0.8 |
| CA\_n34-n39-n41 | 0.3 | 0.5 | 0.5 |
| CA\_n34-n40-n41 | 0.3 | 0.5 | 0.5 |
| CA\_n34-n41-n79 | 0.3 | 0.5 | 0.8 |
| CA\_n38-n66-n78 | 0.5 | 0.5 | 0.8 |
| CA\_n39-n40-n41 | 0.3 | 0.3/0.6X | 0.3/0.6X |
| CA\_n39-n40-n79 | 0.3 | - | 0.8 |
| CA\_n39-n41-n79 | 0.3 | 0.3 | 0.8 |
| CA\_n40-n41-n79 | 0.5 | 0.5 | 0.8 |
| CA\_n40-n78-n105 | 0.3 | 0.8 | 0.5 |
| CA\_n41-n66-n71 | 0.8 / 1.36 | 0.5 | 0.3 |
| CA\_n41-n66-n77 | 0.5 | 0.6 | 0.8 |
| CA\_n41-n66-n78 | 0.5 | 0.6 | 0.8 |
| CA\_n41-n66-n85 | 0.81 / 1.32 | 0.5 | 0.6 |
| CA\_n41-n70-n78 | 0.6 | 0.6 | 0.8 |
| CA\_n41-n71-n77 | 0.3 | 0.5 | 0.8 |
| CA\_n41-n71-n78 | 0.3 | 0.5 | 0.8 |
| CA\_n41-n71-n85 | 0.3 | 1 | 1 |
| CA\_n41-n77-n79 | 0.3 | 0.8 | 0.8 |
| CA\_n41-n77-n85 | 0.6 | 0.8 | 0.8 |
| CA\_n46-n48-n96 | 0.5 | 0.8 | 0.6 |
| CA\_n46-n78-n102 | - | 1.5 | 1.5 |
| CA\_n48-n66-n70 | 0.8 | 0.6 | 0.6 |
| CA\_n48-n66-n71 | 0.5 | 0.5 | 0.3 |
| CA\_n48-n66-n77 | 0.8 | 0.6 | 0.8 |
| CA\_n48-n70-n71 | 0.5 | 0.5 | 0.3 |
| CA\_n48-n70-n77 | 0.8 | 0.6 | 0.8 |
| CA\_n48-n71-n77 | 0.8 | 0.6 | 0.8 |
| CA\_n66-n70-n71 | 0.5 | 0.5 | 0.6 |
| CA\_n66-n70-n77 | 0.6 | 0.6 | 0.8 |
| CA\_n66-n71-n77 | 0.6 | 0.6 | 0.8 |
| CA\_n66-n71-n78 | 0.6 | 0.5 | 0.8 |
| CA\_n66-n71-n85 | 0.8 | 1 | 1 |
| CA\_n66-n77-n85 | 0.6 | 0.8 | 0.8 |
| CA\_n70-n71-n77 | 0.6 | 0.3 | 0.8 |
| NOTE 1: The requirement is applied for UE transmitting on the frequency range of 2515-2690 MHz.  NOTE 2: The requirement is applied for UE transmitting on the frequency range of 2496-2515 MHz.  NOTE 3: Void.NOTE 4: Void.  NOTE 5: The requirement is applied for UE transmitting on the frequency range of 2545 - 2690 MHz.  NOTE 6: The requirement is applied for UE transmitting on the frequency range of 2496 - 2545 MHz.  NOTE 7: The requirements only apply for UE supporting inter-band carrier aggregation with simultaneous Rx/Tx capability, and NR UL carrier frequencies are confined to 3700 MHz-3800MHz for n78 and 4400 MHz-4500MHz for n79. Simultaneous Rx/Tx capability does not apply for UEs supporting band n78 with a n77 implementation.  NOTE 8: “-” denotes ΔTIB,c = 0.  NOTE 9: The component band order in the configuration should be listed by the order of NR bands, such as for CA\_n1-n3-n5 the band order from left to right is n1, n3 and n5.  NOTE X: The requirement only apply for UE supporting inter-band carrier aggregation with simultaneous Rx/Tx capability. | | | |

## **<<Next Change>>**

##### 7.3A.3.2.3 ΔRIB,c for three bands

Table 7.3A.3.2.3-1: ΔRIB,c due to CA (three bands)

|  |  |  |  |
| --- | --- | --- | --- |
| Inter-band CA combination | ΔRIB,c for NR bands (dB)9 | | |
| Component band in order of bands in configuration10 | | |
| CA\_n1-n3-n8 | 0.2 | 0.2 | 0.5 |
| CA\_n1-n3-n28 | - | - | 0.2 |
| CA\_n1-n3-n38 | 0.2 | 0.2 | - |
| CA\_n1-n3-n41 | - | - | 05 / 0.56 |
| CA\_n1-n3-n78 | 0.2 | 0.2 | 0.5 |
| CA\_n1-n3-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n1-n3-n79 | - | - | 0.5 |
| CA\_n1-n3-n105 | 0.3 | 0.3 | 0.3 |
| CA\_n1-n5-n28 | - | 0.2 | 0.2 |
| CA\_n1-n5-n40 | - | 0.2 | - |
| CA\_n1-n5-n78 | 0.2 | 0.2 | 0.5 |
| CA\_n1-n5-n79 | 0.2 | 0.2 | 0.5 |
| CA\_n1-n7-n8 | - | - | 0.2 |
| CA\_n1-n7-n28 | - | - | 0.2 |
| CA\_n1-n7-n40 | - | 0.3 | 0.8 |
| CA\_n1-n7-n78 | 0.2 | 0.2 | 0.5 |
| CA\_n1-n7-n79 | 0.2 | 0.2 | 0.5 |
| CA\_n1-n7-n105 | - | - | 0.3 |
| CA\_n1-n8-n28 | - | 0.2 | 0.2 |
| CA\_n1-n8-n40 | - | 0.2 | 0.5 |
| CA\_n1-n8-n77 | - | 0.2 | 0.5 |
| CA\_n1-n8-n78 | - | 0.2 | 0.5 |
| CA\_n1-n8-n79 | - | 0.2 | 0.5 |
| CA\_n1-n18-n77 | - | - | 0.5 |
| CA\_n1-n20-n67 | - | 0.2 | 0.2 |
| CA\_n1-n20-n78 | - | - | 0.5 |
| CA\_n1-n26-n78 | 0.2 | 0.2 | 0.5 |
| CA\_n1-n28-n38 | - | 0.2 | - |
| CA\_n1-n28-n40 | - | 0.2 | - |
| CA\_n1-n28-n41 | - | 0.2 | - |
| CA\_n1-n28-n46 | - | - | 0.5 |
| CA\_n1-n28-n75 | - | 0.2 | - |
| CA\_n1-n28-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n1-n28-n78 | - | 0.2 | 0.5 |
| CA\_n1-n28-n102 | 0.2 | 0.2 | 0.5 |
| CA\_n1-n38-n78 | - | - | 0.5 |
| CA\_n1-n40-n77 | - | - | 0.5 |
| CA\_n1-n40-n78 | - | - | 0.5 |
| CA\_n1-n40-n105 | - | - | 0.3 |
| CA\_n1-n41-n77 | 0.2 | - | 0.5 |
| CA\_n1-n41-n79 | - | 0.5 | 0.5 |
| CA\_n1-n46-n78 | - | - | 0.5 |
| CA\_n1-n67-n78 | - | - | 0.5 |
| CA\_n1-n75-n78 | - | - | 0.5 |
| CA\_n1-n77-n79 | 0.2 | 0.5 | - |
| CA\_n1-n78-n79 | - | 0.5 | - |
| CA\_n1-n78-n102 | 0.2 | 0.5 | 0.5 |
| CA\_n1-n78-n105 | - | 0.5 | 0.2 |
| CA\_n2-n5-n30 | 0.4 | - | 0.5 |
| CA\_n2-n5-n41 | - | 0.2 | - |
| CA\_n2-n5-n48 | 0.2 | - | 0.5 |
| CA\_n2-n5-n66 | 0.3 | - | 0.3 |
| CA\_n2-n5-n77 | 0.2 | 0.5 | 0.5 |
| CA\_n2-n7-n71 | - | - | 0.2 |
| CA\_n2-n7-n66 | 0.3 | 0.5 | 0.5 |
| CA\_n2-n7-n77 | 0.2 | - | 0.5 |
| CA\_n2-n12-n30 | 0.4 | - | 0.5 |
| CA\_n2-n12-n41 | 0.5 | 0.3 | 0.45 / 0.96 |
| CA\_n2-n12-n66 | 0.3 | 0.5 | 0.3 |
| CA\_n2-n12-n71 | - | 0.8 | 0.8 |
| CA\_n2-n12-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n2-n14-n30 | 0.3 | - | 0.3 |
| CA\_n2-n14-n66 | 0.3 | - | 0.3 |
| CA\_n2-n14-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n2-n29-n30 | 0.3 | - | 0.3 |
| CA\_n2-n29-n66 | 0.3 | - | 0.3 |
| CA\_n2-n29-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n2-n30-n66 | 0.4 | 0.5 | 0.4 |
| CA\_n2-n30-n77 | 0.2 | - | 0.5 |
| CA\_n2-n41-n66 | 0.3 | 0.56 / 17 | 0.5 |
| CA\_n2-n41-n71 | - | - | 0.3 |
| CA\_n2-n48-n66 | 0.3 | 0.5 | 0.3 |
| CA\_n2-n48-n77 | 0.2 | 0.5 | 0.5 |
| CA\_n2-n66-n71 | 0.3 | 0.3 | - |
| CA\_n2-n66-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n2-n66-n78 | 0.3 | 0.3 | 0.5 |
| CA\_n2-n71-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n3-n5-n28 | - | 0.2 | 0.1 |
| CA\_n3-n5-n79 | - | 0.2 | 0.5 |
| CA\_n3-n7-n8 | - | - | 0.2 |
| CA\_n3-n7-n38 | - | 0.5 | 0.5 |
| CA\_n3-n7-n78 | 0.2 | 0.2 | 0.5 |
| CA\_n3-n7-n79 | - | - | 0.5 |
| CA\_n3-n7-n105 | - | - | 0.3 |
| CA\_n3-n8-n28 | - | 0.2 | 0.1 |
| CA\_n3-n8-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n3-n8-n41 | - | - | 01 / 0.52 |
| CA\_n3-n5-n78 | 0.2 | 0.2 | 0.5 |
| CA\_n3-n8-n78 | 0.2 | 0.2 | 0.5 |
| CA\_n3-n18-n41 | - | - | 01 / 0.52 |
| CA\_n3-n18-n77 | 0.2 | - | 0.5 |
| CA\_n3-n20-n28 | - | 0.1 | 0.1 |
| CA\_n3-n20-n67 | - | 0.1 | 0.1 |
| CA\_n3-n20-n78 | 0.2 | - | 0.5 |
| CA\_n3-n26-n78 | 0.2 | 0.2 | 0.5 |
| CA\_n3-n28-n41 | - | - | 01 / 0.52 |
| CA\_n3-n28-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n3-n28-n78 | - | 0.2 | 0.5 |
| CA\_n3-n28-n79 | - | 0.2 | 0.5 |
| CA\_n3-n40-n78 | 0.2 | - | 0.5 |
| CA\_n3-n40-n105 | - | - | 0.3 |
| CA\_n3-n67-n78 | - | 0.2 | 0.5 |
| CA\_n3-n77-n79 | 0.2 | 0.5 | - |
| CA\_n3-n78-n79 | 0.2 | 0.5 | 0.5 |
| CA\_n3-n40-n41 | - | - | 01 / 0.52 |
| CA\_n3-n41-n77 | 0.2 | 01 / 0.52 | 0.5 |
| CA\_n3-n41-n78 | 0.2 | 01 / 0.52 | 0.5 |
| CA\_n3-n41-n79 | - | 0.5 | 0.5 |
| CA\_n3-n75-n78 | 0.2 | - | 0.5 |
| CA\_n3-n78-n105 | 0.2 | 0.5 | 0.3 |
| CA\_n5-n7-n28 | - | - | 0.2 |
| CA\_n5-n7-n66 | - | 0.5 | 0.5 |
| CA\_n5-n7-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n5-n7-n78 | 0.2 | 0.2 | 0.5 |
| CA\_n5-n12-n77 | 0.5 | 0.3 | 0.5 |
| CA\_n5-n14-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n5-n25-n29 | 0.5 | - | 0.3 |
| CA\_n5-n25-n41 | 0.2 | - | - |
| CA\_n5-n25-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n5-n25-n78 | 0.2 | 0.2 | 0.5 |
| CA\_n5-n28-n78 | 0.2 | 0.2 | 0.5 |
| CA\_n5-n28-n79 | 0.2 | 0.2 | 0.5 |
| CA\_n5-n28-n105 | 0.2 | 0.7 | 0.7 |
| CA\_n5-n29-n66 | 0.5 | 0.3 | - |
| CA\_n5-n29-n77 | 0.5 | 0.3 | 0.5 |
| CA\_n5-n30-n66 | - | 0.5 | 0.4 |
| CA\_n5-n30-n77 | 0.2 | - | 0.5 |
| CA\_n5-n40-n78 | 0.2 | 0.4 | 0.5 |
| CA\_n5-n41-n66 | 0.2 | 0.55 / 16 | 0.5 |
| CA\_n5-n41-n77 | 0.2 | - | 0.5 |
| CA\_n5-n48-n66 | - | 0.5 | 0.2 |
| CA\_n5-n48-n77 | 0.2 | 0.5 | 0.5 |
| CA\_n5-n66-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n5-n66-n78 | 0.5 | 0.2 | 0.5 |
| CA\_n5-n78-n79 | 0.2 | 0.5 | - |
| CA\_n7-n8-n28 | - | 0.2 | 0.1 |
| CA\_n7-n8-n40 | - | 0.2 | 0.5 |
| CA\_n7-n8-n78 | - | 0.2 | 0.5 |
| CA\_n7-n12-n71 | 0.2 | 0.8 | 0.8 |
| CA\_n7-n12-n77 | 0.2 | 0.5 | 0.5 |
| CA\_n7-n20-n67 | - | 0.2 | 0.2 |
| CA\_n7-n20-n78 | - | - | 0.5 |
| CA\_n7-n25-n66 | 0.5 | 0.3 | 0.5 |
| CA\_n7-n25-n71 | 0.3 | 0.3 | - |
| CA\_n7-n25-n77 | 0.5 | 0.2 | 0.5 |
| CA\_n7-n25-n78 | 0.5 | 0.2 | 0.5 |
| CA\_n7-n26-n78 | 0.2 | 0.2 | 0.5 |
| CA\_n7-n28-n78 | - | - | 0.5 |
| CA\_n7-n40-n105 | - | 0.5 | 0.2 |
| CA\_n7-n46-n78 | 0.5 | - | 0.5 |
| CA\_n7-n66-n71 | 0.5 | 0.5 | 0.1 |
| CA\_n7-n66-n77 | 0.5 | 0.5 | 0.5 |
| CA\_n7-n66-n78 | 0.5 | 0.5 | 0.5 |
| CA\_n7-n67-n78 | - | - | 0.5 |
| CA\_n7-n71-n77 | - | 0.2 | 0.5 |
| CA\_n7-n75-n78 | - | - | 0.5 |
| CA\_n7-n78-n102 | - | 0.5 | 0.5 |
| CA\_n7-n78-n105 | - | 0.5 | 0.2 |
| CA\_n8-n20-n28 | 0.3 | 0.2 | 0.2 |
| CA\_n8-n28-n75 | 0.2 | 0.2 | - |
| CA\_n8-n28-n78 | 0.2 | 0.2 | 0.5 |
| CA\_n8-n39-n41 | - | 0.24 | 0.2 |
| CA\_n8-n40-n78 | 0.2 | 0.4 | 0.5 |
| CA\_n8-n41-n79 | - | 0.5 | 0.5 |
| CA\_n8-n78-n79 | 0.2 | 0.5 | 0.5 |
| CA\_n12-n25-n66 | 0.5 | 0.3 | 0.3 |
| CA\_n12-n30-n66 | 0.5 | 0.5 | 0.4 |
| CA\_n12-n30-n77 | 0.2 | - | 0.5 |
| CA\_n12-n41-n66 | 0.1 | 0.5 | 0.5 |
| CA\_n12-n41-n77 | 0.5 | 0.2 | 0.5 |
| CA\_n12-n66-n77 | 0.5 | 0.5 | 0.5 |
| CA\_n12-n71-n77 | 0.8 | 0.8 | 0.5 |
| CA\_n13-n25-n66 | - | 0.3 | 0.3 |
| CA\_n13-n25-n77 | - | 0.2 | 0.5 |
| CA\_n13-n66-n77 | 0.3 | 0.3 | 0.5 |
| CA\_n14-n30-n66 | - | 0.5 | 0.4 |
| CA\_n14-n30-n77 | 0.2 | - | 0.5 |
| CA\_n14-n66-n77 | 0.2 | 0.5 | 0.5 |
| CA\_n18-n28-n77 | - | - | 0.5 |
| CA\_n18-n41-n77 | - | - | 0.5 |
| CA\_n20-n28-n75 | - | 0.2 | - |
| CA\_n20-n28-n78 | - | 0.2 | 0.5 |
| CA\_n20-n67-n78 | 0.2 | 0.2 | 0.5 |
| CA\_n24-n41-n48 | - | - | 0.5 |
| CA\_n24-n41-n77 | 0.2 | - | 0.5 |
| CA\_n24-n48-n77 | 0.2 | 0.5 | 0.5 |
| CA\_n25-n29-n66 | 0.3 | - | 0.3 |
| CA\_n25-n38-n78 | 0.2 | 0.4 | 0.5 |
| CA\_n25-n41-n66 | 0.3 | 0.55 / 16 | 0.3 |
| CA\_n25-n41-n71 | - | - | 0.2 |
| CA\_n25-n41-n78 | 0.2 | 0.5 | 0.5 |
| CA\_n25-n48-n66 | 0.3 | 0.5 | 0.3 |
| CA\_n25-n66-n71 | 0.3 | 0.3 | 0.3 |
| CA\_n25-n66-n78 | 0.3 | 0.3 | 0.5 |
| CA\_n25-n66-n77 | 0.3 | 0.3 | 0.5 |
| CA\_n25-n66-n85 | 0.3 | 0.3 | 0.5 |
| CA\_n25-n71-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n25-n71-n78 | 0.2 | 0.3 | 0.5 |
| CA\_n25-n71-n85 | - | 0.8 | 0.8 |
| CA\_n25-n77-n85 | 0.2 | 0.5 | 0.2 |
| CA\_n26-n29-n66 | 0.5 | 0.3 | - |
| CA\_n26-n29-n70 | 0.5 | 0.3 | - |
| CA\_n26-n48-n66 | - | 0.5 | 0.2 |
| CA\_n26-n48-n70 | - | 0.5 | 0.2 |
| CA\_n26-n66-n71 | 0.5 | - | 0.3 |
| CA\_n26-n66-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n26-n70-n71 | 0.5 | - | 0.3 |
| CA\_n26-n70-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n28-n38-n78 | 0.2 | - | 0.5 |
| CA\_n28-n39-n40 | - | 0.3 | 0.3 |
| CA\_n28-n39-n41 | - | 0.2 | 0.2 |
| CA\_n28-n39-n79 | 0.2 | - | 0.5 |
| CA\_n28-n40-n77 | - | - | 0.5 |
| CA\_n28-n40-n78 | - | - | 0.5 |
| CA\_n28-n40-n79 | 0.2 | - | 0.5 |
| CA\_n28-n41-n77 | 0.2 | - | 0.5 |
| CA\_n28-n41-n78 | 0.2 | - | 0.5 |
| CA\_n28-n41-n79 | 0.2 | 0.5 | 0.5 |
| CA\_n28-n46-n78 | 0.2 | - | 0.5 |
| CA\_n28-n75-n78 | 0.2 | - | 0.5 |
| CA\_n28-n77-n79 | 0.2 | 0.5 | - |
| CA\_n28-n78-n79 | 0.2 | 0.5 | - |
| CA\_n28-n78-n102 | 0.2 | 0.5 | 0.5 |
| CA\_n29-n30-n66 | - | 0.5 | 0.4 |
| CA\_n29-n30-n77 | 0.2 | - | 0.5 |
| CA\_n29-n66-n71 | 0.5 | 0.3 | 0.7 |
| CA\_n29-n66-n77 | 0.5 | 0.5 | 0.5 |
| CA\_n29-n70-n71 | 0.2 | 0.2 | 0.2 |
| CA\_n30-n66-n77 | 0.5 | 0.4 | 0.5 |
| CA\_n34-n39-n40 | 0.3 | 0.3 | 0.3 |
| CA\_n34-n39-n41 | 0.3 | 0.3 | 0.2 |
| CA\_n34-n40-n41 | 0.3 | 0.3 | - |
| CA\_n34-n41-n78 | - | 0.5 | 0.5 |
| CA\_n39-n40-n41 | 0.3 | 0.6 | 0.6 |
| CA\_n39-n40-n79 | 0.3 | 0.3 | 0.5 |
| CA\_n39-n41-n79 | 0 | 0.5 | 0.8 |
| CA\_n40-n41-n79 | 08 | 0.58 | 0.5 |
| CA\_n40-n78-n105 | 0.4 | 0.5 | 0.2 |
| CA\_n41-n66-n71 | 0.51 / 12 | 0.5 | - |
| CA\_n41-n66-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n41-n66-n78 | 0.2 | 0.2 | 0.5 |
| CA\_n41-n66-n85 | 0.51 / 12 | 0.5 | 0.5 |
| CA\_n41-n70-n78 | 0.2 | 0.2 | 0.5 |
| CA\_n41-n71-n77 | - | 0.2 | 0.5 |
| CA\_n41-n71-n78 | - | 0.2 | 0.5 |
| CA\_n41-n71-n85 | - | 0.8 | 0.8 |
| CA\_n41-n77-n79 | 0.5 | 0.5 | 0.5 |
| CA\_n41-n77-n85 | 0.5 | 0.5 | 0.5 |
| CA\_n46-n48-n96 | 0.5 | 0.5 | 0.6 |
| CA\_n48-n66-n70 | 0.5 | 0.2 | 0.2 |
| CA\_n46-n78-n102 | - | 0.5 | - |
| CA\_n48-n66-n71 | 0.2 | 0.2 | 0.2 |
| CA\_n48-n66-n77 | 0.5 | 0.2 | 0.5 |
| CA\_n48-n70-n71 | 0.2 | 0.2 | 0.2 |
| CA\_n48-n70-n77 | 0.5 | 0.2 | 0.5 |
| CA\_n48-n71-n77 | 0.5 | 0.2 | 0.5 |
| CA\_n66-n70-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n66-n71-n77 | 0.2 | 0.2 | 0.5 |
| CA\_n66-n71-n78 | 0.2 | 0.2 | 0.5 |
| CA\_n66-n71-n85 | - | 0.8 | 0.8 |
| CA\_n66-n77-n85 | 0.5 | 0.5 | 0.5 |
| CA\_n70-n71-n77 | 0.2 | 0.2 | 0.5 |
| NOTE 1: Applicable for the frequency range of 2515-2690 MHz.  NOTE 2: Applicable for the frequency range of 2496-2515 MHz.  NOTE 3: Void.  NOTE 4: Void.  NOTE 5: The requirement is applied for UE transmitting on the frequency range of 2545 - 2690 MHz.  NOTE 6: The requirement is applied for UE transmitting on the frequency range of 2496 - 2545 MHz.  NOTE 7: Void.  NOTE 8: Void.  NOTE 9: “-” denotes ΔRIB,c = 0.  NOTE 10: The component band order in the configuration should be listed by the order of NR bands, such as for CA\_n1-n3-n8 the band order from left to right is n1, n3 and n8. | | | |

## **<<Next Change>>**

### 7.3A.5 Reference sensitivity exceptions due to intermodulation interference due to 2UL CA

**<<Unchanged part omitted>>**

Table 7.3A.5-2: 3DL/2UL interband Reference sensitivity QPSK PREFSENS and uplink/downlink configurations

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Band / Channel bandwidth / NRB / Duplex mode** | | | | | | | | **Source of IMD** |
| **NR CA band combination** | **NR band** | **UL Fc  (MHz)** | **UL/DL BW  (MHz)** | **UL  LCRB** | **DL Fc (MHz)** | **MSD  (dB)** | **Duplex mode** |  |
| CA\_n1-n3-n28 | n1 | 1975 | 5 | 25 | 2165 | N/A | FDD | N/A |
|  | n28 | 710.5 | 5 | 25 | 765.5 | N/A | FDD | N/A |
|  | n3 | N/A | 5 | N/A | 1818.5 | 4.0 | FDD | IMD5 |
|  | n3 | 1780 | 5 | 25 | 1875 | N/A | FDD | N/A |
|  | n28 | 710.5 | 5 | 25 | 765.5 | N/A | FDD | N/A |
|  | n1 | N/A | 5 | N/A | 2139 | 11.0 | FDD | IMD4 |
| CA\_n1-n3-n40 | n1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n3 | 1735 | 5 | 25 | 1830 | N/A | FDD | N/A |
|  | n40 | N/A | 5 | N/A | 2380 | 8.0 | TDD | IMD5 |
| CA\_n1-n3-n41 | n1 | 1977.5 | 5 | 25 | 2167.5 | N/A | FDD | N/A |
|  | n3 | 1712.5 | 5 | 25 | 1807.5 | N/A | FDD | N/A |
|  | n41 | N/A | 10 | N/A | 2507.5 | 5.0 | TDD | IMD5 |
| CA\_n1-n3-n77 | n1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n3 | 1750 | 5 | 25 | 1845 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3700 | 28.4 | TDD | IMD22 |
|  | n1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n3 | N/A | 5 | N/A | 1807.5 | 31.5 | FDD | IMD21,2 |
|  | n77 | 3757.5 | 10 | 50 | 3757.5 | N/A | TDD | N/A |
|  | n1 | N/A | 5 | N/A | 2140 | 31.0 | FDD | IMD21 |
|  | n3 | 1775 | 5 | 25 | 1870 | N/A | FDD | N/A |
|  | n77 | 3915 | 10 | 50 | 3915 | N/A | TDD | N/A |
| CA\_n1-n3-n78 | n1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n3 | 1750 | 5 | 25 | 1845 | N/A |  | N/A |
|  | n78 | N/A | 10 | N/A | 3700 | 28.4 | TDD | IMD2 |
|  | n1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n3 | 1770 | 5 | 25 | 1865 | N/A |  | N/A |
|  | n78 | N/A | 10 | N/A | 3360 | 11.2 | TDD | IMD4 |
|  | n1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n3 | N/A | 5 | N/A | 1830 | 27.9 |  | IMD2 |
|  | n78 | 3780 | 10 | 50 | 3780 | N/A | TDD | N/A |
| CA\_n1-n3-n79 | n1 | 1930 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n3 | 1720 | 5 | 25 | 1815 | N/A | FDD | N/A |
|  | n79 | N/A | 40 | N/A | 4950 | 4.7 | TDD | IMD5 |
|  | n3 | 1750 | 5 | 25 | 1845 | N/A | FDD | N/A |
|  | n79 | 4860 | 40 | 216 | 4860 | N/A | TDD | N/A |
|  | n1 | N/A | 5 | N/A | 2140 | 3.6 | FDD | IMD5 |
| CA\_n1-n3-n105 | n1 | 1970 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n3 | N/A | 5 | N/A | 1855 | 4 | FDD | IMD5 |
|  | n105 | 695 | 5 | 25 | 644 | N/A | FDD | N/A |
|  | n1 | N/A | 5 | N/A | 2160 | 5 | FDD | IMD4 |
|  | n3 | 1775 | 5 | 25 | 1870 | N/A | FDD | N/A |
|  | n105 | 695 | 5 | 25 | 644 | N/A | FDD | N/A |
| CA\_n1-n5-n7 | n1 | 1968 | 5 | 25 | 2158 | N/A | FDD | N/A |
|  | n7 | 2512 | 10 | 50 | 2632 | N/A | FDD | N/A |
|  | n5 | N/A | 5 | N/A | 880 | 1.0 | FDD | IMD5 |
| CA\_n1-n5-n28 | n1 | N/A | 5 | N/A | 2123 | 4 | FDD | IMD5 |
|  | n5 | 829 | 5 | 25 | 874 | N/A | FDD | N/A |
|  | n28 | 738 | 5 | 25 | 793 | N/A | FDD | N/A |
|  | n1 | 1965 | 5 | 25 | 2155 | N/A | FDD | N/A |
|  | n5 | N/A | 5 | N/A | 875 | 4.6 | FDD | IMD5 |
|  | n28 | 710 | 5 | 25 | 765 | N/A | FDD | N/A |
| CA\_n1-n5-n40 | n1 | N/A | 5 | N/A | 2144 | 4.0 | FDD | IMD5 |
|  | n5 | 832 | 5 | 25 | 877 | N/A | FDD | N/A |
|  | n40 | 2320 | 5 | 25 | 2320 | N/A | TDD | N/A |
|  | n1 | 1945 | 5 | 25 | 2135 | N/A | FDD | N/A |
|  | n5 | N/A | 5 | N/A | 880 | 8.0 | FDD | IMD4 |
|  | n40 | 2385 | 5 | 25 | 2385 | N/A | TDD | N/A |
|  | n1 | 1977.5 | 5 | 25 | 2167.5 | N/A | FDD | N/A |
|  | n5 | 826.5 | 5 | 25 | 871.5 | N/A | FDD | N/A |
|  | n40 | N/A | 5 | N/A | 2305 | 9.0 | TDD | IMD4 |
| CA\_n1-n5-n78 | n1 | N/A | 5 | N/A | 2122 | 18.1 | FDD | IMD3 |
|  | n5 | 829 | 5 | 25 | 874 | N/A | FDD | N/A |
|  | n78 | 3780 | 10 | 50 | 3780 | N/A | TDD | N/A |
|  | n1 | 1975 | 5 | 25 | 2165 | N/A | FDD | N/A |
|  | n5 | N/A | 5 | N/A | 885 | 3.1 | FDD | IMD5 |
|  | n78 | 3405 | 10 | 50 | 3405 | N/A | TDD | N/A |
|  | n1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n5 | 830 | 5 | 25 | 875 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3610 | 15.7 | TDD | IMD3 |
| CA\_n1-n5-n79 | n1 | N/A | 5 | N/A | 2160 | 1.2 | FDD | IMD4 |
|  | n5 | 830 | 5 | 25 | 875 | N/A | FDD | N/A |
|  | n79 | 4650 | 40 | 100 | 4650 | N/A | TDD | N/A |
|  | n1 | 1930 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n5 | N/A | 5 | N/A | 890 | 15.2 | FDD | IMD3 |
|  | n79 | 4750 | 40 | 100 | 4750 | N/A | TDD | N/A |
|  | n1 | 1923 | 5 | 25 | 2113 | N/A | FDD | N/A |
|  | n5 | N/A | 5 | N/A | 879 | 10.3 | FDD | IMD4 |
|  | n79 | 4890 | 40 | 100 | 4890 | N/A | TDD | N/A |
|  | n1 | 1970 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n5 | 845 | 5 | 25 | 890 | N/A | FDD | N/A |
|  | n79 | N/A | 40 | N/A | 4785 | 14.9 | TDD | IMD3 |
|  | n1 | 1940 | 5 | 25 | 2130 | N/A | FDD | N/A |
|  | n5 | 830 | 5 | 25 | 874 | N/A | FDD | N/A |
|  | n79 | N/A | 40 | N/A | 4430 | 9.4 | TDD | IMD4 |
| CA\_n1-n7-n8 | n1 | 1977.5 | 5 | 25 | 2167.5 | N/A | FDD | N/A |
|  | n7 | 2502.5 | 5 | 25 | 2622.5 | N/A | FDD | N/A |
|  | n8 | N/A | 5 | N/A | 927.5 | 1.0 | FDD | IMD5 |
| CA\_n1-n7-n26 | n1 | 1965 | 5 | 25 | 2155 | N/A | FDD | N/A |
|  | n7 | 2510 | 10 | 50 | 2630 | N/A | FDD | N/A |
|  | n26 | N/A | 5 | N/A | 875 | 3.5 | FDD | IMD5 |
| CA\_n1-n7-n28 | n1 | 1935 | 5 | 25 | 2125 | N/A | FDD | N/A |
|  | n7 | N/A | 10 | N/A | 2653 | 30.0 | FDD | IMD2 |
|  | n28 | 718 | 5 | 25 | 773 | N/A | FDD | N/A |
|  | n1 | 1935 | 5 | 25 | 2125 | N/A | FDD | N/A |
|  | n7 | 2510 | 10 | 50 | 2630 | N/A | FDD | N/A |
|  | n28 | N/A | 10 | N/A | 785 | 4.5 | FDD | IMD5 |
| CA\_n1-n7-n40 | n1 | 1970 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n7 | N/A | 5 | N/A | 2630 | 23 | FDD | IMD3 |
|  | n40 | 2390 | 5 | 25 | 2390 | N/A | TDD | N/A |
|  | n1 | N/A | 5 | N/A | 2120 | 16.4 | FDD | IMD3 |
|  | n7 | 2530 | 5 | 25 | 2650 | N/A | FDD | N/A |
|  | n40 | 2310 | 5 | 25 | 2310 | N/A | TDD | N/A |
| CA\_n1-n7-n67 | n1 | 1948 | 5 | 25 | 2138 | N/A | FDD | N/A |
|  | n7 | 2548 | 5 | 25 | 2668 | N/A | FDD | N/A |
|  | n67 | N/A | 5 | N/A | 748 | 3.3 | SDL | IMD5 |
| CA\_n1-n7-n78 | n1 | 1977.5 | 5 | 25 | 2167.5 | N/A | FDD | N/A |
|  | n7 | N/A | 5 | N/A | 2627.5 | 9.1 | FDD | IMD4 |
|  | n78 | 3305 | 10 | 50 | 3305 | N/A | TDD | N/A |
|  | n1 | N/A | 5 | N/A | 2140 | 8.7 | FDD | IMD4 |
|  | n7 | 2510 | 10 | 50 | 2630 | N/A | FDD | N/A |
|  | n78 | 3580 | 10 | 50 | 3580 | N/A | TDD | N/A |
|  | n1 | 1970 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n7 | 2520 | 5 | 25 | 2640 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3390 | 10.1 | TDD | IMD4 |
| CA\_n1-n7-n105 | n1 | 1935 | 5 | 25 | 2125 | N/A | FDD | N/A |
|  | n7 | 2565 | 10 | 50 | 2685 | N/A | FDD | N/A |
|  | n105 | N/A | 5 | N/A | 630 | 28.7 | FDD | IMD2 |
|  | n1 | 1925 | 5 | 25 | 2115 | N/A | FDD | N/A |
|  | n7 | 2565 | 10 | 50 | 2565 | N/A | FDD | N/A |
|  | n105 | N/A | 5 | N/A | 645 | 1 | FDD | IMD5 |
|  | n1 | 1968.5 | 5 | 25 | 2158.5 | N/A | FDD | N/A |
|  | n7 | N/A | 5 | N/A | 2634.5 | 30 | FDD | IMD22 |
|  | n105 | 666 | 5 | 25 | 615 | N/A | FDD | N/A |
| CA\_n1-n8-n40 | n1 | 1930 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n8 | N/A | 5 | N/A | 930 | 8.0 | FDD | IMD4 |
|  | n40 | 2395 | 5 | 25 | 2395 | N/A | TDD | N/A |
| CA\_n1-n8-n78 | n1 | 1945 | 5 | 25 | 2135 | N/A | FDD | N/A |
|  | n8 | 900 | 5 | 25 | 945 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3745 | 14.9 | TDD | IMD3 |
|  | n1 | 1940 | 5 | 25 | 2130 | N/A | FDD | N/A |
|  | n8 | N/A | 5 | N/A | 940 | 3.3 | FDD | IMD5 |
|  | n78 | 3380 | 10 | 50 | 3380 | N/A | TDD | N/A |
| CA\_n1-n18-n28 | n1 | 1965 | 5 | 25 | 2155 | N/A | FDD | N/A |
|  | n28 | 708 | 5 | 25 | 763 | N/A | FDD | N/A |
|  | n18 | N/A | 5 | N/A | 867 | 4.6 | FDD | IMD5 |
|  | n18 | 825 | 5 | 25 | 870 | N/A | FDD | N/A |
|  | n28 | 738 | 5 | 25 | 793 | N/A | FDD | N/A |
|  | n1 | N/A | 5 | N/A | 2127 | 4 | FDD | IMD5 |
| CA\_n1-n18-n41 | n1 | 1960 | 5 | 25 | 2150 | N/A | FDD | N/A |
|  | n41 | 2505 | 10 | 50 | 2505 | N/A | TDD | N/A |
|  | n18 | N/A | 5 | N/A | 870 | 3.3 | FDD | IMD5 |
| CA\_n1-n18-n77 | n1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n18 | 825 | 5 | 25 | 870 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3600 | 15.7 | TDD | IMD31 |
|  | n1 | 1970 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n77 | 3390 | 10 | 50 | 3390 | N/A | TDD | N/A |
|  | n18 | N/A | 5 | N/A | 870 | 3.5 | FDD | IMD5 |
|  | n1 | N/A | 5 | N/A | 2120 | 16.4 | FDD | IMD3 |
|  | n18 | 825 | 5 | 25 | 870 | N/A | FDD | N/A |
|  | n77 | 3770 | 10 | 50 | 3770 | N/A | TDD | N/A |
| CA\_n1-n26-n78 | n1 | N/A | 5 | N/A | 2122 | 18.1 | FDD | IMD3 |
|  | n26 | 829 | 5 | 25 | 874 | N/A | FDD | N/A |
|  | n78 | 3780 | 10 | 50 | 3780 | N/A | TDD | N/A |
|  | n1 | 1975 | 5 | 25 | 2165 | N/A | FDD | N/A |
|  | n26 | N/A | 5 | N/A | 885 | 3.1 | FDD | IMD5 |
|  | n78 | 3405 | 10 | 50 | 3405 | N/A | TDD | N/A |
|  | n1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n26 | 830 | 5 | 25 | 875 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3610 | 15.7 | TDD | IMD3 |
| CA\_n1-n28-n41 | n1 | 1935 | 5 | 25 | 2125 | N/A | FDD | N/A |
|  | n28 | 718 | 5 | 25 | 773 | N/A | FDD | N/A |
|  | n41 | N/A | 10 | N/A | 2653 | 30.1 | TDD | IMD22 |
|  | n1 | 1923 | 5 | 25 | 2113 | N/A | FDD | N/A |
|  | n41 | 2685 | 10 | 50 | 2685 | N/A | TDD | N/A |
|  | n28 | N/A | 5 | N/A | 762 | 29.3 | FDD | IMD21 |
| CA\_n1-n28-n46 | n1 | 1975 | 5 | 25 | 2165 | N/A | FDD | N/A |
|  | n28 | 710 | 5 | 25 | 765 | N/A | FDD | N/A |
|  | n46 | N/A | 20 | N/A | 5215 | N/A | TDD | IMD4 |
|  | n1 | 1975 | 5 | 25 | 2165 | N/A | FDD | N/A |
|  | n28 | N/A | 5 | N/A | 765 | 10.5 | FDD | IMD4 |
|  | n46 | 5160 | 20 | 100 | 5160 | N/A | TDD | N/A |
| CA\_n1-n28-n77 | n1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n28 | 733 | 5 | 25 | 788 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3416 | 15.7 | TDD | IMD32 |
|  | n1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n77 | 3320 | 10 | 50 | 3320 | N/A | TDD | N/A |
|  | n28 | N/A | 5 | N/A | 790 | 4.2 | FDD | IMD5 |
|  | n28 | 740 | 5 | 25 | 795 | N/A | FDD | N/A |
|  | n77 | 3630 | 10 | 50 | 3630 | N/A | TDD | N/A |
|  | n1 | N/A | 5 | N/A | 2150 | 15.7 | FDD | IMD3 |
| CA\_n1-n28-n78 | n1 | N/A | 5 | N/A | 2150 | 15.7 | FDD | IMD3 |
|  | n28 | 740 | 5 | 25 | 795 | N/A | FDD | N/A |
|  | n78 | 3630 | 10 | 50 | 3630 | N/A | TDD | N/A |
|  | n1 | 1970 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n28 | N/A | 5 | N/A | 794 | 4.2 | FDD | IMD5 |
|  | n78 | 3352 | 10 | 50 | 3352 | N/A | TDD | N/A |
|  | n1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n28 | 733 | 5 | 25 | 788 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3416 | 15.7 | TDD | IMD3 |
| CA\_n1-n28-n79 | n1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n28 | 730 | 5 | 25 | 785 | N/A | FDD | N/A |
|  | n79 | N/A | 40 | N/A | 4630 | 14.9 | TDD | IMD31 |
|  | n1 | 1930 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n79 | 4648 | 40 | 216 | 4648 | N/A | TDD | N/A |
|  | n28 | N/A | 5 | N/A | 788 | 15.2 | FDD | IMD32 |
|  | n28 | 745.5 | 5 | 25 | 800.5 | N/A | FDD | N/A |
|  | n79 | 4420 | 40 | 216 | 4420 | N/A | TDD | N/A |
|  | n1 | N/A | 5 | N/A | 2167.5 | 1.2 | FDD | IMD41 |
| CA\_n1-n28-n102 | n1 | 1930 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n28 | 706 | 5 | 25 | 761 | N/A | FDD | N/A |
|  | n102 | N/A | 40 | N/A | 5978 | N/A12 | TDD | IMD5 |
| CA\_n1-n40-n77 | n1 | 1930 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n40 | 2310 | 5 | 25 | 2310 | N/A | TDD | N/A |
|  | n77 | N/A | 10 | N/A | 3480 | 9.8 | TDD | IMD41 |
|  | n1 | 1930 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n40 | N/A | 5 | N/A | 2340 | 10.6 | TDD | IMD41 |
|  | n77 | 3450 | 10 | 50 | 3450 | N/A | TDD | N/A |
|  | n1 | N/A | 5 | N/A | 2140 | 9.1 | FDD | IMD4 |
|  | n40 | 2380 | 5 | 25 | 2380 | N/A | TDD | N/A |
|  | n77 | 3450 | 10 | 50 | 3450 | N/A | TDD | N/A |
| CA\_n1-n40-n78 | n1 | 1930 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n40 | 2310 | 5 | 25 | 2310 | N/A | TDD | N/A |
|  | n78 | N/A | 10 | N/A | 3480 | 9.8 | TDD | IMD41 |
|  | n1 | 1930 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n40 | N/A | 5 | N/A | 2340 | 10.6 | TDD | IMD4 |
|  | n78 | 3450 | 10 | 50 | 3450 | N/A | TDD | N/A |
|  | n1 | N/A | 5 | N/A | 2140 | 9.1 | FDD | IMD4 |
|  | n40 | 2380 | 5 | 25 | 2380 | N/A | TDD | N/A |
|  | n78 | 3450 | 10 | 50 | 3450 | N/A | TDD | N/A |
| CA\_n1-n40-n105 | n1 | 1977 | 5 | 25 | 2167 | N/A | FDD | N/A |
|  | n40 | 2305 | 10 | 50 | 2305 | N/A | TDD | N/A |
|  | n105 | N/A | 5 | N/A | 649 | 1dB | FDD | IMD4 |
| CA\_n1-n41-n77 | n1 | 1970 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n41 | 2650 | 10 | 50 | 2650 | N/A | TDD | N/A |
|  | n77 | N/A | 10 | N/A | 3330 | 19.6 | TDD | IMD31,2 |
|  | n1 | 1975 | 5 | 10 | 2165 | N/A | FDD | N/A |
|  | n77 | 3410 | 10 | 50 | 3410 | N/A | TDD | N/A |
|  | n41 | N/A | 10 | N/A | 2515 | 11.5 | TDD | IMD41 |
|  | n41 | 2640 | 10 | 50 | 2640 | N/A | TDD | N/A |
|  | n77 | 3710 | 10 | 50 | 3710 | N/A | TDD | N/A |
|  | n1 | N/A | 5 | N/A | 2140 | 9.3 | FDD | IMD4 |
| CA\_n1-n41-n79 | n1 | 1970 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n41 | 2530 | 10 | 50 | 2530 | N/A | TDD | N/A |
|  | n79 | N/A | 40 | N/A | 4500 | 19.0 | TDD | IMD21 |
|  | n1 | 1970 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n79 | 4500 | 40 | 216 | 4500 | N/A | TDD | N/A |
|  | n41 | N/A | 10 | N/A | 2530 | 29.4 | TDD | IMD21 |
|  | n41 | 2530 | 10 | 50 | 2530 | N/A | TDD | N/A |
|  | n79 | 4690 | 40 | 216 | 4690 | N/A | TDD | N/A |
|  | n1 | N/A | 5 | N/A | 2160 | 29.9 | FDD | IMD21 |
| CA\_n1-n46-n78 | n1 | 1930 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n46 | 5430 | 20 | 100 | 5430 | N/A | TDD | N/A |
|  | n78 | N/A | 10 | N/A | 3500 | 29 | TDD | IMD2 |
|  | n1 | N/A | 5 | N/A | 2130 | 30 | FDD | IMD2 |
|  | n46 | 5630 | 20 | 100 | 5630 | N/A | TDD | N/A |
|  | n78 | 3500 | 10 | 50 | 3500 | N/A | TDD | N/A |
|  | n1 | N/A | 5 | N/A | 2120 | 15 | FDD | IMD3 |
|  | n46 | 5160 | 20 | 100 | 5160 | N/A | TDD | N/A |
|  | n78 | 3640 | 10 | 50 | 3640 | N/A | TDD | N/A |
|  | n1 | 1930 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n46 | N/A | 20 | N/A | 5430 | N/A | TDD | IMD2 |
|  | n78 | 3500 | 10 | 50 | 3500 | N/A | TDD | N/A |
|  | n1 | 1930 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n46 | N/A | 20 | N/A | 5250 | N/A | TDD | IMD3 |
|  | n78 | 3590 | 10 | 50 | 3590 | N/A | TDD | N/A |
| CA\_n1-n67-n78 | n1 | 1970 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n67 | N/A | 5 | N/A | 748 | 3.5 | SDL | IMD5 |
|  | n78 | 3329 | 10 | 50 | 3329 | N/A | TDD | N/A |
| CA\_n1-n77-n79 | n1 | N/A | 5 | N/A | 2140 | 15.6 | FDD | IMD31,2 |
|  | n77 | 3400 | 10 | 50 | 3400 | N/A | TDD | N/A |
|  | n79 | 4660 | 40 | 216 | 4660 | N/A | TDD | N/A |
| CA\_n1-n78-n79 | n1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n78 | 3410 | 10 | 50 | 3410 | N/A | TDD | N/A |
|  | n79 | N/A | 40 | N/A | 4870 | 15.9 | TDD | IMD31,3 |
|  | n1 | 1950 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3490 | 4.6 | TDD | IMD53 |
|  | n79 | 4670 | 40 | 216 | 4670 | N/A | TDD | N/A |
|  | n1 | N/A | 5 | N/A | 2140 | 15.6 | FDD | IMD31,2 |
|  | n78 | 3400 | 10 | 50 | 3400 | N/A | TDD | N/A |
|  | n79 | 4660 | 40 | 216 | 4660 | N/A | TDD | N/A |
| CA\_n1-n78-n102 | n1 | 1970 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n78 | 3320 | 5 | 25 | 3320 | N/A | TDD | N/A |
|  | n102 | N/A | 40 | N/A | 6020 | N/A12 | TDD | IMD5 |
|  | n1 | N/A | 5 | N/A | 2155 | 29.9 | FDD | IMD21 |
|  | n78 | 3790 | 5 | 25 | 3790 | N/A | TDD | N/A |
|  | n102 | 5945 | 40 | 216 | 5945 | N/A | TDD | N/A |
| CA\_n1-n78-n105 | n1 | 1970 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n78 | 3305 | 10 | 50 | 3305 | N/A | TDD | N/A |
|  | n105 | N/A | 5 | N/A | 635 | 15.2 | FDD | IMD3 |
|  | n1 | 1970 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3342 | 15.7 | TDD | IMD3 |
|  | n105 | 686 | 5 | 25 | 635 | N/A | FDD | N/A |
|  | n1 | N/A | 5 | N/A | 2160 | 15.7 | FDD | IMD3 |
|  | n78 | 3532 | 10 | 50 | 3532 | N/A | TDD | N/A |
|  | n105 | 686 | 5 | 25 | 635 | N/A | FDD | N/A |
| CA\_n2-n5-n30 | n2 | 1870 | 5 | 25 | 1959 | N/A | FDD | N/A |
|  | n5 | N/A | 5 | N/A | 880 | 9.7 | FDD | IMD4 |
|  | n30 | 2310 | 10 | 50 | 2355 | N/A | FDD | N/A |
| CA\_n2-n5-n41 | n2 | 1855 | 10 | 50 | 1935 | N/A | FDD | N/A |
|  | n5 | 830 | 5 | 25 | 875 | N/A | FDD | N/A |
|  | n41 | N/A | 10 | N/A | 2685 | 30.0 | TDD | IMD2 |
| CA\_n2-n5-n48 | n2 | N/A | 5 | N/A | 1962 | 15.6 | FDD | IMD3 |
|  | n5 | 839 | 5 | 25 | 884 | N/A | FDD | N/A |
|  | n48 | 3640 | 10 | 50 | 3640 | N/A | TDD | N/A |
|  | n2 | 1905 | 5 | 25 | 1985 | N/A | FDD | N/A |
|  | n5 | 844 | 5 | 25 | 889 | N/A | FDD | N/A |
|  | n48 | N/A | 10 | 50 | 3593 | 16.6 | TDD | IMD3 |
| CA\_n2-n5-n66 | n2 | 1900 | 5 | 25 | 1980 | N/A | FDD | N/A |
|  | n5 | 830 | 5 | 25 | 875 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2140 | 7.2 | FDD | IMD4 |
| CA\_n2-n5-n77 | n2 | 1907.5 | 5 | 25 | 1987.5 | N/A | FDD | N/A |
|  | n5 | N/A | 5 | N/A | 887.5 | 3.8 | FDD | IMD55 |
|  | n77 | 3305 | 10 | 50 | 3305 | N/A | TDD | N/A |
|  | n2 | N/A | 5 | N/A | 1987 | 16.5 | FDD | IMD35 |
|  | n5 | 846.5 | 5 | 25 | 891.5 | N/A | FDD | N/A |
|  | n77 | 3680 | 10 | 50 | 3680 | N/A | TDD | N/A |
|  | n2 | 1880 | 5 | 25 | 1960 | N/A | FDD | N/A |
|  | n5 | 830 | 5 | 25 | 875 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3540 | 16.0 | TDD | IMD31 |
| CA\_n2-n12-n30 | n2 | 1885 | 5 | 25 | 1965 | N/A | FDD | N/A |
|  | n12 | 708.5 | 5 | 25 | 738.5 | N/A | FDD | N/A |
|  | n30 | N/A | 5 | N/A | 2353 | 12.0 | FDD | IMD4 |
| CA\_n2-n12-n71 | n2 | 1907.5 | 5 | 25 | 1987.5 | N/A | FDD | N/A |
|  | n12 | N/A | 5 | N/A | 743.5 | 4.2 | FDD | IMD5 |
|  | n71 | 665.5 | 5 | 25 | 649.5 | N/A | FDD | N/A |
| CA\_n2-n12-n77 | n2 | N/A | 5 | N/A | 1960 | 16.5 | FDD | IMD32,5 |
|  | n12 | 707.5 | 5 | 25 | 737.5 | N/A | FDD | N/A |
|  | n77 | 3375 | 10 | 50 | 3375 | N/A | TDD | N/A |
|  | n2 | 1900 | 5 | 25 | 1980 | N/A | FDD | N/A |
|  | n12 | 707.5 | 5 | 25 | 737.5 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3315 | 16.0 | TDD | IMD31,2,5 |
| CA\_n2-n14-n66 | n2 | 1874 | 5 | 25 | 1954 | N/A | FDD | N/A |
|  | n14 | 793 | 5 | 25 | 763 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2162 | 7.6 | FDD | IMD4 |
|  | n2 | N/A | 5 | N/A | 1954 | 7.2 | FDD | IMD4 |
|  | n14 | 793 | 5 | 25 | 763 | N/A | FDD | N/A |
|  | n66 | 1770 | 5 | 25 | 2170 | N/A | FDD | N/A |
| CA\_n2-n14-n77 | n2 | N/A | 5 | N/A | 1954 | 16.5 | FDD | IMD3 |
|  | n14 | 793 | 5 | 25 | 763 | N/A | FDD | N/A |
|  | n77 | 3540 | 10 | 50 | 3540 | N/A | TDD | N/A |
|  | n2 | 1880 | 5 | 25 | 1960 | N/A | FDD | N/A |
|  | n14 | 793 | 5 | 25 | 763 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3466 | 16.0 | TDD | IMD31 |
| CA\_n2-n30-n77 | n2 | N/A | 5 | N/A | 1986 | 8.6 | FDD | IMD45 |
|  | n30 | 2312 | 5 | 25 | 2357 | N/A | FDD | N/A |
|  | n77 | 3305 | 10 | 50 | 3305 | N/A | TDD | N/A |
|  | n2 | 1905 | 5 | 25 | 1985 | N/A | FDD | N/A |
|  | n30 | N/A | 5 | N/A | 2354 | 10.6 | FDD | IMD45 |
|  | n77 | 3361 | 10 | 50 | 3361 | N/A | TDD | N/A |
|  | n2 | 1860 | 5 | 25 | 1940 | N/A | FDD | N/A |
|  | n30 | N/A | 5 | N/A | 2354 | 3.4 | FDD | IMD5 |
|  | n77 | 3967 | 10 | 50 | 3967 | N/A | TDD | N/A |
|  | n2 | 1870 | 5 | 25 | 1950 | N/A | FDD | N/A |
|  | n30 | 2310 | 5 | 25 | 2355 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 4180 | 29.4 | TDD | IMD22,5 |
| CA\_n2-n48-n66 | n2 | 1855 | 5 | 25 | 1935 | N/A | FDD | N/A |
|  | n48 | N/A | 10 | 50 | 3625 | 32.0 | TDD | IMD2 |
|  | n66 | 1770 | 5 | 25 | 2190 | N/A | FDD | N/A |
|  | n2 | 1905 | 5 | 25 | 1985 | N/A | FDD | N/A |
|  | n48 | 3560 | 10 | 50 | 3560 | N/A | TDD | N/A |
|  | n66 | N/A | 5 | N/A | 2155 | 12.1 | FDD | IMD4 |
|  | n2 | N/A | 5 | N/A | 1960 | 28.3 | FDD | IMD21 |
|  | n48 | 3695 | 10 | 50 | 3695 | N/A | TDD | N/A |
|  | n66 | 1735 | 5 | 25 | 2135 | N/A | FDD | N/A |
| CA\_n2-n66-n77 | n2 | 1880 | 5 | 25 | 1960 | N/A | FDD | N/A |
|  | n66 | 1740 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3620 | 29.4 | TDD | IMD25 |
|  | n2 | 1880 | 5 | 25 | 1960 | N/A | FDD | N/A |
|  | n66 | 1740 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3900 | 8.9 | TDD | IMD4 |
|  | n2 | 1855 | 5 | 25 | 1935 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2115 | 29.2 | FDD | IMD2 |
|  | n77 | 3970 | 10 | 50 | 3970 | N/A | TDD | N/A |
|  | n2 | 1880 | 5 | 25 | 1960 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2140 | 10.4 | FDD | IMD4 |
|  | n77 | 3500 | 10 | 50 | 3500 | N/A | TDD | N/A |
|  | n2 | 1885 | 5 | 25 | 1965 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2175 | 4.0 | FDD | IMD5 |
|  | n77 | 3915 | 10 | 50 | 3915 | N/A | TDD | N/A |
|  | n2 | N/A | 5 | N/A | 1960 | 32.1 | FDD | IMD2 |
|  | n66 | 1760 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n77 | 3720 | 10 | 50 | 3720 | N/A | TDD | N/A |
|  | n2 | N/A | 5 | N/A | 1960 | 9.1 | FDD | IMD45 |
|  | n66 | 1770 | 5 | 25 | 2170 | N/A | FDD | N/A |
|  | n77 | 3350 | 10 | 50 | 3350 | N/A | TDD | N/A |
|  | n2 | N/A | 5 | N/A | 1960 | 2.1 | FDD | IMD55 |
|  | n66 | 1760 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n77 | 3620 | 10 | 50 | 3620 | N/A | TDD | N/A |
| CA\_n3-n5-n7 | n3 | 1780 | 5 | 25 | 1875 | N/A | FDD | N/A |
|  | n5 | 845 | 5 | 25 | 890 | N/A | FDD | N/A |
|  | n7 | N/A | 10 | N/A | 2625 | 30.0 | FDD | IMD24 |
|  | n3 | 1720 | 5 | 25 | 1815 | N/A | FDD | N/A |
|  | n5 | N/A | 5 | N/A | 880 | 19.0 | FDD | IMD3 |
|  | n7 | 2560 | 10 | 50 | 2680 | N/A | FDD | N/A |
| CA\_n3-n5-n28 | n3 | N/A | 5 | N/A | 1829.5 | 8.7 | FDD | IMD4 |
|  | n5 | 845 | 5 | 25 | 890 | N/A | FDD | N/A |
|  | n28 | 705.5 | 5 | 25 | 760.5 | N/A | FDD | N/A |
|  | n3 | 1713 | 5 | 25 | 1808 | N/A | FDD | N/A |
|  | n5 | 827 | 5 | 25 | 872 | N/A | FDD | N/A |
|  | n28 | N/A | 5 | N/A | 768 | 9.4 | FDD | IMD4 |
| CA\_n3-n5-n78 | n3 | 1730 | 5 | 25 | 1825 | N/A | FDD | N/A |
|  | n5 | 839 | 5 | 25 | 884 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3408 | 16.1 | TDD | IMD3 |
|  | n3 | 1730 | 5 | 25 | 1825 | N/A | FDD | N/A |
|  | n5 | 839 | 5 | 25 | 884 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3512 | 4.5 | TDD | IMD5 |
|  | n3 | N/A | 5 | N/A | 1862 | 15.7 | FDD | IMD3 |
|  | n5 | 839 | 5 | 25 | 884 | N/A | FDD | N/A |
|  | n78 | 3540 | 10 | 50 | 3540 | N/A | TDD | N/A |
| CA\_n3-n5-n79 | n3 | N/A | 5 | N/A | 1877.5 | 8.8 | FDD | IMD4 |
|  | n5 | 846.5 | 5 | 25 | 891.5 | N/A | FDD | N/A |
|  | n79 | 4420 | 40 | 216 | 4420 | N/A | TDD | N/A |
|  | n3 | 1780 | 5 | 25 | 1875 | N/A | FDD | N/A |
|  | n5 | N/A | 5 | N/A | 860 | 15.3 | FDD | IMD3 |
|  | n79 | 4420 | 40 | 216 | 4420 | N/A | TDD | N/A |
|  | n3 | 1770 | 5 | 25 | 1865 | N/A | FDD | N/A |
|  | n5 | N/A | 5 | N/A | 890 | 10.3 | FDD | IMD4 |
|  | n79 | 4420 | 40 | 216 | 4420 | N/A | TDD | N/A |
|  | n3 | 1782.5 | 5 | 25 | 1875.5 | N/A | FDD | N/A |
|  | n5 | 846.5 | 5 | 25 | 891.5 | N/A | FDD | N/A |
|  | n79 | N/A | 40 | N/A | 4420 | 15.7 | TDD | IMD3 |
|  | n3 | 1780 | 5 | 25 | 1875 | N/A | FDD | N/A |
|  | n5 | 846 | 5 | 25 | 891 | N/A | FDD | N/A |
|  | n79 | N/A | 40 | N/A | 4494 | 9.4 | TDD | IMD4 |
| CA\_n3-n7-n8 | n3 | 1735 | 5 | 25 | 1830 | N/A | FDD | N/A |
|  | n7 | 2530 | 10 | 50 | 2650 | N/A | FDD | N/A |
|  | n8 | N/A | 5 | N/A | 940 | 18.0 | FDD | IMD3 |
|  | n3 | 1780 | 5 | 25 | 1875 | N/A | FDD | N/A |
|  | n7 | N/A | 10 | N/A | 2670 | 29.0 | FDD | IMD24 |
|  | n8 | 890 | 5 | 25 | 935 | N/A | FDD | N/A |
| CA\_n3-n7-n20 | n3 | 1747 | 5 | 25 | 1842 | N/A | FDD | N/A |
|  | n7 | 2543 | 10 | 50 | 2663 | N/A | FDD | N/A |
|  | n20 | N/A | 5 | N/A | 796 | 20.0 | FDD | IMD2 |
|  | n3 | 1780 | 5 | 25 | 1875 | N/A | FDD | N/A |
|  | n7 | N/A | 10 | N/A | 2625 | 29.0 | FDD | IMD2 |
|  | n20 | 845 | 5 | 25 | 804 | N/A | FDD | N/A |
|  | n3 | 1750 | 5 | 25 | 1845 | N/A | FDD | N/A |
|  | n7 | N/A | 5 | 25 | N/A | 17.0 | FDD | IMD3 |
|  | n20 | 835 | 5 | 25 | 794 | N/A | FDD | N/A |
| CA\_n3-n7-n26 | n3 | 1720 | 5 | 25 | 1815 | N/A | FDD | N/A |
|  | n7 | 2560 | 10 | 50 | 2680 | N/A | FDD | N/A |
|  | n26 | N/A | 5 | N/A | 880 | 17.5 | FDD | IMD3 |
|  | n3 | 1780 | 5 | 25 | 1875 | N/A | FDD | N/A |
|  | n7 | N/A | 10 | N/A | 2625 | 29.0 | FDD | IMD24 |
|  | n26 | 845 | 5 | 25 | 890 | N/A | FDD | N/A |
| CA\_n3-n7-n28 | n3 | 1747 | 5 | 25 | 1842 | N/A | FDD | N/A |
|  | n7 | 2543 | 5 | 25 | 2663 | N/A | FDD | N/A |
|  | n28 | N/A | 5 | N/A | 796 | 20.0 | FDD | IMD2 |
|  | n3 | 1712.5 | 5 | 25 | 1807.5 | N/A | FDD | N/A |
|  | n7 | N/A | 5 | N/A | 2682 | 17.0 | FDD | IMD3 |
|  | n28 | 743 | 5 | 25 | 798 | N/A | FDD | N/A |
|  | n3 | N/A | 5 | N/A | 1832.5 | 26 | FDD | IMD2 |
|  | n7 | 2543 | 5 | 25 | 2663 | N/A | FDD | N/A |
|  | n28 | 710.5 | 5 | 25 | 765.5 | N/A | FDD | N/A |
| CA\_n3-n7-n67 | n3 | 1770 | 5 | 25 | 1865 | N/A | FDD | N/A |
|  | n7 | 2520 | 5 | 25 | 2640 | N/A | FDD | N/A |
|  | n67 | N/A | 5 | N/A | 750 | 20 | SDL | IMD2 |
| CA\_n3-n7-n78 | n3 | N/A | 5 | N/A | 1820 | 17.6 | FDD | IMD3 |
|  | n7 | 2565 | 5 | 25 | 2685 | N/A | FDD | N/A |
|  | n78 | 3310 | 10 | 50 | 3310 | N/A | TDD | N/A |
|  | n3 | N/A | 5 | N/A | 1820 | 8.6 | FDD | IMD4 |
|  | n7 | 2565 | 5 | 25 | 2685 | N/A | FDD | N/A |
|  | n78 | 3475 | 10 | 50 | 3475 | N/A | TDD | N/A |
|  | n3 | 1730 | 5 | 25 | 1825 | N/A | FDD | N/A |
|  | n7 | 2560 | 5 | 25 | 2680 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3390 | 16.1 | TDD | IMD3 |
| CA\_n3-n7-n105 | n3 | N/A | 5 | N/A | 1875 | 16.5 | FDD | IMD2 |
|  | n7 | 2550 | 5 | 25 | 2670 | N/A | FDD | N/A |
|  | n105 | 675 | 5 | 25 | 624 | N/A | FDD | N/A |
| CA\_n3-n8-n41 | n3 | 1722.5 | 5 | 25 | 1817.5 | N/A | FDD | N/A |
|  | n8 | 887.5 | 5 | 25 | 932.5 | N/A | FDD | N/A |
|  | n41 | N/A | 10 | N/A | 2610 | 28.0 | FDD | IMD24 |
|  | n3 | 1725 | 5 | 25 | 1820 | N/A | FDD | N/A |
|  | n8 | N/A | 5 | N/A | 945 | 26.0 | FDD | IMD24 |
|  | n41 | 2516 | 10 | 50 | 2516 | N/A | FDD | N/A |
| CA\_n3-n8-n78 | n3 | 1730 | 5 | 25 | 1825 | N/A | FDD | N/A |
|  | n8 | 910 | 5 | 25 | 955 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3550 | 16.1 | TDD | IMD3 |
|  | n3 | 1730 | 5 | 25 | 1825 | N/A | FDD | N/A |
|  | n8 | 910 | 5 | 25 | 955 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3370 | 4.5 | TDD | IMD5 |
|  | n3 | N/A | 5 | N/A | 1820 | 15.7 | FDD | IMD3 |
|  | n8 | 910 | 5 | 25 | 955 | N/A | FDD | N/A |
|  | n78 | 3640 | 10 | 50 | 3640 | N/A | TDD | N/A |
| CA\_n3-n8-n79 | n3 | 1770 | 5 | 25 | 1865 | N/A | FDD | N/A |
|  | n8 | 885 | 5 | 25 | 930 | N/A | FDD | N/A |
|  | n79 | N/A | 40 | N/A | 4425 | 15.7 | TDD | IMD32 |
|  | n3 | 1755 | 5 | 25 | 1850 | N/A | FDD | N/A |
|  | n8 | N/A | 5 | N/A | 955 | 15.3 | FDD | IMD3 |
|  | n79 | 4465 | 40 | 216 | 4465 | N/A | FDD | N/A |
|  | n3 | N/A | 5 | N/A | 1850 | 8.8 | FDD | IMD4 |
|  | n8 | 910 | 5 | 25 | 955 | N/A | FDD | N/A |
|  | n79 | 4580 | 40 | 216 | 4580 | N/A | FDD | N/A |
| CA\_n3-n18-n28 | n3 | 1712.5 | 5 | 25 | 1807.5 | N/A | FDD | N/A |
|  | n28 | N/A | 5 | N/A | 770 | 9.4 | FDD | IMD4 |
|  | n18 | 827.5 | 5 | 25 | 872.5 | N/A | FDD | N/A |
| CA\_n3-n18-n41 | n18 | 820 | 5 | 25 | 865 | N/A | FDD | N/A |
|  | n3 | 1720 | 5 | 25 | 1815 | N/A | FDD | N/A |
|  | n41 | N/A | 10 | N/A | 2540 | [N/A]1 | TDD | IMD2 |
|  | n18 | 820 | 5 | 25 | 865 | N/A | FDD | N/A |
|  | n3 | 1725 | 5 | 25 | 1820 | N/A | FDD | N/A |
|  | n41 | N/A | 10 | N/A | 2630 | 16.0 | TDD | IMD3 |
|  | n18 | N/A | 5 | N/A | 865 | 28.9 | FDD | IMD2 |
|  | n3 | 1765 | 5 | 25 | 1860 | N/A | FDD | N/A |
|  | n41 | 2630 | 10 | 50 | 2630 | N/A | TDD | N/A |
|  | n18 | N/A | 5 | N/A | 875 | [19.0] | FDD | IMD3 |
|  | n3 | 1725 | 5 | 25 | 1820 | N/A | FDD | N/A |
|  | n41 | 2670 | 5 | 25 | 2670 | N/A | TDD | N/A |
|  | n3 | N/A | 5 | N/A | 1850 | 28.8 | FDD | IMD2 |
|  | n41 | 2670 | 10 | 50 | 2670 | N/A | TDD | N/A |
|  | n18 | 820 | 5 | 25 | 865 | N/A | FDD | N/A |
| CA\_n3-n18-n77 | n18 | 820 | 5 | 25 | 865 | N/A | FDD | N/A |
|  | n3 | 1770 | 5 | 25 | 1865 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3410 | 16.3 | TDD | IMD31,2 |
|  | n18 | 820 | 5 | 25 | 865 | N/A | FDD | N/A |
|  | n3 | N/A | 5 | N/A | 1865 | 15.7 | FDD | IMD3 |
|  | n77 | 3505 | 10 | 50 | 3505 | N/A | TDD | N/A |
| CA\_n3-n20-n28 | n3 | N/A | 5 | N/A | 1828 | 9.4 | FDD | IMD4 |
|  | n20 | 852 | 5 | 25 | 811 | N/A | FDD | N/A |
|  | n28 | 728 | 5 | 25 | 783 | N/A | FDD | N/A |
|  | n3 | 1748 | 5 | 25 | 1843 | N/A | FDD | N/A |
|  | n20 | 847 | 5 | 25 | 806 | N/A | FDD | N/A |
|  | n28 | N/A | 5 | N/A | 793 | 9.4 | FDD | IMD4 |
| CA\_n3-n20-n67 | n3 | 1775 | 5 | 25 | 1870 | N/A | FDD | N/A |
|  | n20 | 840 | 5 | 25 | 799 | N/A | FDD | N/A |
|  | n67 | N/A | 5 | N/A | 745 | 9.4 | FDD | IMD4 |
| CA\_n3-n20-n78 | n3 | 1730 | 5 | 25 | 1825 | N/A | FDD | N/A |
|  | n20 | 845 | 5 | 25 | 804 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3420 | 16.1 | TDD | IMD31 |
|  | n3 | N/A | 5 | N/A | 1820 | 17.3 | FDD | IMD3 |
|  | n20 | 845 | 5 | 25 | 804 | N/A | FDD | N/A |
|  | n78 | 3510 | 10 | 50 | 3510 | N/A | TDD | N/A |
| CA\_n3-n26-n78 | n3 | 1730 | 5 | 25 | 1825 | N/A | FDD | N/A |
|  | n26 | 839 | 5 | 25 | 884 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3408 | 16.1 | TDD | IMD3 |
|  | n3 | 1730 | 5 | 25 | 1825 | N/A | FDD | N/A |
|  | n26 | 839 | 5 | 25 | 884 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3512 | 4.5 | TDD | IMD5 |
|  | n3 | N/A | 5 | N/A | 1862 | 15.7 | FDD | IMD3 |
|  | n26 | 839 | 5 | 25 | 884 | N/A | FDD | N/A |
|  | n78 | 3540 | 10 | 50 | 3540 | N/A | TDD | N/A |
| CA\_n3-n28-n41 | n3 | 1715 | 5 | 25 | 1810 | N/A | FDD | N/A |
|  | n28 | 743 | 5 | 25 | 798 | N/A | FDD | N/A |
|  | n41 | N/A | 5 | N/A | 2518 | 27.4 | TDD | IMD2 |
|  | n3 | 1715 | 5 | 25 | 1810 | N/A | FDD | N/A |
|  | n28 | 743 | 5 | 25 | 798 | N/A | FDD | N/A |
|  | n41 | N/A | 5 | N/A | 2687 | 15.9 | TDD | IMD3 |
|  | n3 | 1720 | 5 | 25 | 1815 | N/A | FDD | N/A |
|  | n41 | 2510 | 5 | 25 | 2510 | N/A | TDD | N/A |
|  | n28 | N/A | 5 | N/A | 790 | 26.0 | FDD | IMD24 |
|  | n28 | 710.5 | 5 | 25 | 765.5 | N/A | FDD | N/A |
|  | n41 | 2543 | 10 | 50 | 2543 | N/A | TDD | N/A |
|  | n3 | N/A | 5 | N/A | 1832.5 | 26.0 | FDD | IMD2 |
| CA\_n3-n28-n77 | n3 | 1720 | 5 | 25 | 1815 | N/A | FDD | N/A |
|  | n28 | 733 | 5 | 25 | 788 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 4173 | 15.9 | TDD | IMD3 |
|  | n28 | 735 | 5 | 25 | 790 | N/A | FDD | N/A |
|  | n77 | 3320 | 10 | 50 | 3320 | N/A | TDD | N/A |
|  | n3 | N/A | 5 | N/A | 1850 | 17.0 | FDD | IMD3 |
|  | n3 | 1712.5 | 5 | 25 | 1807.5 | N/A | FDD | N/A |
|  | n77 | 4195 | 10 | 50 | 4195 | N/A | TDD | N/A |
|  | n28 | N/A | 5 | N/A | 770 | 15.3 | FDD | IMD3 |
| CA\_n3-n28-n78 | n28 | 735 | 5 | 25 | 790 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3320 | N/A | TDD | IMD3 |
|  | n3 | 1755 | 5 | 25 | 1850 | 17.3 | FDD | N/A |
|  | n3 | 1750 | 5 | 25 | 1845 | N/A | FDD | N/A |
|  | n28 | 743 | 5 | 25 | 798 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3764 | 4.5 | TDD | IMD5 |
| CA\_n3-n28-n79 | n3 | 1770 | 5 | 25 | 1865 | N/A | FDD | N/A |
|  | n28 | 725 | 5 | 25 | 780 | N/A | FDD | N/A |
|  | n79 | N/A | 40 | N/A | 4585 | 9.4 | TDD | IMD41 |
|  | n3 | 1770 | 5 | 25 | 1865 | N/A | FDD | N/A |
|  | n79 | 4530 | 40 | 216 | 4530 | N/A | TDD | N/A |
|  | n28 | 725 | 5 | 25 | 780 | 10.3 | FDD | IMD4  |3\*fBn3-fBn79| |
|  | n28 | 725 | 5 | 25 | 780 | N/A | FDD | N/A |
|  | n79 | 4770 | 40 | 216 | 4770 | N/A | TDD | N/A |
|  | n3 | 1775 | 5 | 25 | 1870 | 5.7 | FDD | IMD5  |4\*fBn28-fBn79| |
| CA\_n3-40-n41 | n3 | N/A | 5 | N/A | 1842.5 | 1.0 | FDD | IMD5 |
|  | n40 | 2347.5 | 5 | 25 | 2347.5 | N/A | TDD | N/A |
|  | n41 | 2600 | 10 | 50 | 2600 | N/A | TDD | N/A |
| CA\_n3-n40-n77 | n3 | 1730 | 5 | 25 | 1825 | N/A | FDD | N/A |
|  | n40 | 2320 | 5 | 25 | 2320 | N/A | TDD | N/A |
|  | n77 | N/A | 10 | N/A | 4050 | 19.0 | TDD | IMD21 |
|  | n3 | 1720 | 5 | 25 | 1815 | N/A | FDD | N/A |
|  | n40 | N/A | 5 | N/A | 2310 | 29.4 | TDD | IMD21 |
|  | n77 | 4030 | 10 | 50 | 4030 | N/A | TDD | N/A |
|  | n3 | N/A | 5 | N/A | 1820 | 29.9 | FDD | IMD22 |
|  | n40 | 2310 | 5 | 25 | 2310 | N/A | TDD | N/A |
|  | n77 | 4130 | 10 | 50 | 4130 | N/A | TDD | N/A |
| CA\_n3-n40-n105 | n3 | 1745 | 5 | 25 | 1840 | N/A | FDD | N/A |
|  | n40 | 2380 | 10 | 50 | 2380 | N/A | TDD | N/A |
|  | n105 | N/A | 5 | N/A | 635 | 26.0 | FDD | IMD24 |
|  | n3 | 1720 | 5 | 25 | 1815 | N/A | FDD | N/A |
|  | n40 | N/A | 10 | N/A | 2388 | 26.0 | TDD | IMD2 |
|  | n105 | 668 | 5 | 25 | 617 | N/A | FDD | N/A |
| CA\_n3-n41-n77 | n3 | 1720 | 5 | 25 | 1815 | N/A | FDD | N/A |
|  | n77 | 3900 | 10 | 50 | 3900 | N/A | TDD | N/A |
|  | n41 | N/A | 5 | N/A | 2640 | 5.3 | TDD | IMD5 |
|  | n41 | 2620 | 5 | 25 | 2620 | N/A | TDD | N/A |
|  | n77 | 3400 | 10 | 50 | 3400 | N/A | TDD | N/A |
|  | n3 | N/A | 5 | N/A | 1840 | 16.4 | FDD | IMD3 |
|  | n41 | 2580 | 5 | 25 | 2580 | N/A | TDD | N/A |
|  | n3 | 1720 | 5 | 25 | 1815 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3440 | 16.8 | TDD | IMD31 |
| CA\_n3-n41-n78 | n3 | 1730 | 5 | 25 | 1825 | N/A | FDD | N/A |
|  | n41 | 2560 | 10 | 50 | 2560 | N/A | TDD | N/A |
|  | n78 | N/A | 10 | N/A | 3390 | 16.4 | TDD | IMD3 |
|  | n3 | N/A | 5 | N/A | 1840 | 16.4 | TDD | IMD3 |
|  | n41 | 2620 | 5 | 25 | 2620 | N/A | FDD | N/A |
|  | n78 | 3400 | 10 | 50 | 3400 | N/A | TDD | N/A |
| CA\_n3-n41-n79 | n3 | N/A | 5 | N/A | 1850 | 29.4 | FDD | IMD21 |
|  | n41 | 2570 | 10 | 50 | 2570 | N/A | TDD | N/A |
|  | n79 | 4420 | 40 | 216 | 4420 | N/A | TDD | N/A |
|  | n3 | 1770 | 5 | 25 | 1865 | N/A | FDD | N/A |
|  | n41 | N/A | 10 | N/A | 2670 | 30.2 | TDD | IMD21 |
|  | n79 | 4440 | 40 | 216 | 4440 | N/A | TDD | N/A |
|  | n3 | 1770 | 5 | 25 | 1865 | N/A | FDD | N/A |
|  | n41 | 2670 | 10 | 50 | 2670 | N/A | TDD | N/A |
|  | n79 | N/A | 40 | N/A | 4440 | 30.8 | TDD | IMD21 |
| CA\_n3-n67-n78 | n3 | N/A | 5 | N/A | 1877.5 | 2.2 | FDD | IMD7 |
|  | n67 | N/A | 5 | N/A | N/A | N/A | SDL | N/A |
|  | n7810 | 3305 | 10 | 1 (RBSTART=25) | 3305 | N/A | TDD | N/A |
|  |  | 3780 | 10 | 1 (RBSTART=25) | 3780 |  |  |  |
| CA\_n3-n77-n79 | n77 | 3350 | 10 | 50 | 3350 | N/A | FDD | N/A |
|  | n79 | 4840 | 40 | 216 | 4840 | N/A | TDD | N/A |
|  | n3 | 1765 | 5 | 25 | 1860 | 15.7 | TDD | IMD31, 2  |2\*fBn77-fBn79| |
| CA\_n3-n78-n105 | n3 | 1730 | 5 | 25 | 1825 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3740 | 17.3 | TDD | IMD44 |
|  | n105 | 670 | 5 | 25 | 619 | N/A | FDD | N/A |
| CA\_n5-n7-n25 | n5 | 830 | 5 | 25 | 875 | N/A | FDD | N/A |
|  | n7 | N/A | 5 | N/A | 2685 | 30.0 | FDD | IMD2 |
|  | n25 | 1855 | 5 | 25 | 1935 | N/A | FDD | N/A |
| CA\_n5-n7-n66 | n5 | 846.5 | 5 | 25 | 891.5 | N/A | FDD | N/A |
|  | n7 | N/A | 5 | N/A | 2624 | 29.0 | FDD | IMD2 |
|  | n66 | 1777.5 | 5 | 25 | 2177.5 | N/A | FDD | N/A |
|  | n5 | 830 | 5 | 25 | 875 | N/A | FDD | N/A |
|  | n7 | N/A | 5 | N/A | 2670 | 13 | FDD | IMD3 |
|  | n66 | 1750 | 5 | 25 | 2150 | N/A | FDD | N/A |
|  | n5 | N/A | 5 | N/A | 880 | 13 | FDD | IMD3 |
|  | n7 | 2560 | 5 | 25 | 2680 | N/A | FDD | N/A |
|  | n66 | 1720 | 5 | 25 | 2120 | N/A | FDD | N/A |
| CA\_n5-n7-n77 | n5 | 844 | 5 | 25 | 889 | N/A | FDD | N/A |
|  | n7 | N/A | 5 | N/A | 2645 | 30.1 | FDD | IMD2 |
|  | n77 | 3489 | 10 | 50 | 3489 | N/A | TDD | N/A |
|  | n5 | N/A | 5 | N/A | 879 | 30.2 | FDD | IMD21, 4 |
|  | n7 | 2550 | 5 | 25 | 2670 | N/A | FDD | N/A |
|  | n77 | 3429 | 10 | 50 | 3429 | N/A | TDD | N/A |
|  | n5 | 827 | 5 | 25 | 852 | N/A | FDD | N/A |
|  | n7 | 2503 | 5 | 25 | 2623 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3330 | 30.2 | TDD | IMD22, 4 |
| CA\_n5-n7-n78 | n5 | N/A | 5 | N/A | 879 | 30.2 | FDD | IMD2 |
|  | n7 | 2550 | 5 | 25 | 2670 | N/A | FDD | N/A |
|  | n78 | 3429 | 10 | 50 | 3429 | N/A | TDD | N/A |
|  | n5 | N/A | 5 | N/A | 875 | 3.3 | FDD | IMD5 |
|  | n7 | 2525 | 5 | 25 | 2645 | N/A | FDD | N/A |
|  | n78 | 3350 | 10 | 50 | 3350 | N/A | TDD | N/A |
|  | n5 | 844 | 5 | 25 | 889 | N/A | FDD | N/A |
|  | n7 | N/A | 5 | N/A | 2645 | 30.1 | FDD | IMD2 |
|  | n78 | 3489 | 10 | 50 | 3489 | N/A | TDD | N/A |
|  | n5 | 835 | 5 | 25 | 880 | N/A | FDD | N/A |
|  | n7 | 2540 | 5 | 25 | 2660 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3375 | 29.7 | TDD | IMD2 |
|  | n5 | 835 | 5 | 25 | 880 | N/A | FDD | N/A |
|  | n7 | 2550 | 5 | 25 | 2670 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3430 | 9.7 | TDD | IMD4 |
| CA\_n5-n12-n77 | n5 | N/A | 5 | N/A | 880 | 3.9 | FDD | IMD5 |
|  | n12 | 707.5 | 5 | 25 | 737.5 | N/A | FDD | N/A |
|  | n77 | 3710 | 10 | 50 | 3710 | N/A | TDD | N/A |
|  | n5 | 835 | 5 | 25 | 880 | N/A | FDD | N/A |
|  | n12 | N/A | 5 | N/A | 740 | 4.4 | FDD | IMD55 |
|  | n77 | 4080 | 10 | 50 | 4080 | N/A | TDD | N/A |
|  | n5 | 830 | 5 | 25 | 875 | N/A | FDD | N/A |
|  | n12 | 707.5 | 5 | 25 | 737.5 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3905 | 4.4 | TDD | IMD5 |
| CA\_n5-n14-n77 | n5 | N/A | 5 | N/A | 880 | 3.9 | FDD | IMD55 |
|  | n14 | 793 | 5 | 25 | 763 | N/A | FDD | N/A |
|  | n77 | 4052 | 10 | 50 | 4052 | N/A | TDD | N/A |
|  | n5 | 846.5 | 5 | 25 | 891.5 | N/A | FDD | N/A |
|  | n14 | N/A | 5 | N/A | 765.5 | 11.6 | FDD | IMD41,5 |
|  | n77 | 3305 | 10 | 50 | 3305 | N/A | TDD | N/A |
|  | n5 | 840 | 5 | 25 | 885 | N/A | FDD | N/A |
|  | n14 | 793 | 5 | 25 | 763 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3313 | 10.3 | TDD | IMD41,5 |
| CA\_n5-n25-n41 | n5 | 830 | 5 | 25 | 875 | N/A | FDD | N/A |
|  | n25 | 1855 | 5 | 25 | 1935 | N/A | FDD | N/A |
|  | n41 | N/A | 5 | N/A | 2685 | 30.0 | TDD | IMD2 |
| CA\_n5-n25-n66 | n5 | 834 | 5 | 25 | 879 | N/A | FDD | N/A |
|  | n25 | 1900 | 5 | 25 | 1980 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2132 | 7.2 | FDD | IMD4 |
| CA\_n5-n25-n77 | n5 | 830 | 5 | 25 | 875 | N/A | FDD | N/A |
|  | n25 | 1880 | 5 | 25 | 1960 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3540 | 16.0 | TDD | IMD3 |
|  | n5 | N/A | 5 | N/A | 889 | 3.8 | FDD | IMD55 |
|  | n25 | 1907 | 5 | 25 | 1987 | N/A | FDD | N/A |
|  | n77 | 3305 | 10 | 50 | 3305 | N/A | TDD | N/A |
|  | n5 | 846.5 | 5 | 25 | 891.5 | N/A | FDD | N/A |
|  | n25 | N/A | 5 | N/A | 1987 | 16.5 | FDD | IMD3 |
|  | n77 | 3680 | 10 | 25 | 3680 | N/A | TDD | N/A |
| CA\_n5-n25-n78 | n5 | 830 | 5 | 25 | 875 | N/A | FDD | N/A |
|  | n25 | 1900 | 5 | 25 | 1980 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3560 | 16.1 | TDD | IMD3 |
|  | n5 | 846.5 | 5 | 25 | 891.5 | N/A | FDD | N/A |
|  | n25 | N/A | 5 | N/A | 1987 | 16.5 | FDD | IMD3 |
|  | n78 | 3680 | 10 | 50 | 3680 | N/A | TDD | N/A |
|  | n5 | N/A | 5 | N/A | 887.5 | 3.8 | FDD | IMD5 |
|  | n25 | 1907.5 | 5 | 25 | 1987.5 | N/A | FDD | N/A |
|  | n78 | 3305 | 10 | 50 | 3305 | N/A | TDD | N/A |
| CA\_n5-n28-n78 | n5 | N/A | 5 | N/A | 874 | 3.8 | FDD | IMD5 |
|  | n28 | 723 | 5 | 25 | 778 | N/A | FDD | N/A |
|  | n78 | 3766 | 10 | 50 | 3756 | N/A | TDD | N/A |
|  | n5 | 844 | 5 | 25 | 889 | N/A | FDD | N/A |
|  | n28 | N/A | 5 | N/A | 778 | 11.6 | FDD | IMD4 |
|  | n78 | 3310 | 10 | 50 | 3310 | N/A | TDD | N/A |
|  | n5 | 830 | 5 | 25 | 875 | N/A | FDD | N/A |
|  | n28 | 707 | 5 | 25 | 762 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3781 | 4.0 | TDD | IMD5 |
| CA\_n5-n28-n105 | n5 | 845 | 5 | 25 | 890 | N/A | FDD | N/A |
|  | n28 | 740 | 5 | 25 | 795 | N/A | FDD | N/A |
|  | n105 | 686 | 5 | 25 | 635 | 25.0 | FDD | IMD3 |
| CA\_n5-n29-n66 | n5 | 830 | 5 | 25 | 875 | N/A | FDD | N/A |
|  | n29 | N/A | 5 | N/A | 720 | 9.4 | SDL | IMD4 |
|  | n66 | 1770 | 5 | 25 | 2170 | N/A | FDD | N/A |
| CA\_n5-n29-n77 | n5 | 845 | 5 | 25 | 890 | N/A | FDD | N/A |
|  | n29 | N/A | 5 | N/A | 720 | 4.4 | SDL | IMD55 |
|  | n77 | 4100 | 10 | 50 | 4100 | N/A | TDD | N/A |
| CA\_n5-n30-n66 | n5 | 830 | 5 | 25 | 875 | N/A | FDD | N/A |
|  | n30 | 2307.5 | 5 | 25 | 2352.5 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2125 | 4 | FDD | IMD5 |
| CA\_n5-n30-n77 | n5 | N/A | 5 | N/A | 880 | 15.2 | FDD | IMD31 |
|  | n30 | 2310 | 5 | 25 | 2355 | N/A | FDD | N/A |
|  | n77 | 3740 | 10 | 50 | 3740 | N/A | TDD | N/A |
|  | n5 | 835 | 5 | 25 | 880 | N/A | FDD | N/A |
|  | n30 | N/A | 5 | N/A | 2355 | 13.2 | FDD | IMD35 |
|  | n77 | 4025 | 10 | 50 | 4025 | N/A | TDD | N/A |
|  | n5 | 840 | 5 | 25 | 885 | N/A | FDD | N/A |
|  | n30 | 2310 | 5 | 25 | 2355 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3780 | 16.1 | TDD | IMD3 |
| CA\_n5-n40-n78 | n5 | N/A | 5 | N/A | 880 | 15.2 | FDD | IMD3 |
|  | n40 | 2310 | 5 | 25 | 2310 | N/A | TDD | N/A |
|  | n78 | 3740 | 10 | 50 | 3740 | N/A | TDD | N/A |
|  | n5 | 840 | 5 | 25 | 885 | N/A | FDD | N/A |
|  | n40 | 2310 | 5 | 25 | 2310 | N/A | TDD | N/A |
|  | n78 | N/A | 10 | N/A | 3780 | 16.1 | TDD | IMD3 |
| CA\_n5-n41-n66 | n5 | 846.5 | 5 | 25 | 891.5 | N/A | FDD | N/A |
|  | n41 | N/A | 10 | N/A | 2624 | 29.0 | TDD | IMD24 |
|  | n66 | 1777.5 | 5 | 25 | 2177.5 | N/A | FDD | N/A |
|  | n5 | N/A | 5 | N/A | 875 | 28.9 | FDD | IMD24 |
|  | n41 | 2640 | 10 | 50 | 2640 | N/A | TDD | N/A |
|  | n66 | 1765 | 5 | 25 | 2165 | N/A | FDD | N/A |
| CA\_n5-n41-n77 | n5 | 835 | 5 | 25 | 880 | N/A | FDD | N/A |
|  | n41 | 2540 | 5 | 25 | 2540 | N/A | TDD | N/A |
|  | n77 | N/A | 10 | N/A | 3375 | 29.7 | TDD | IMD22 |
|  | n5 | 840 | 5 | 25 | 885 | N/A | FDD | N/A |
|  | n41 | 2500 | 5 | 25 | 2500 | N/A | TDD | N/A |
|  | n77 | N/A | 10 | N/A | 4160 | 16.1 | TDD | IMD3 |
|  | n5 | 844 | 5 | 25 | 889 | N/A | FDD | N/A |
|  | n41 | N/A | 5 | N/A | 2645 | 30.1 | TDD | IMD2 |
|  | n77 | 3489 | 10 | 50 | 3489 | N/A | TDD | N/A |
|  | n5 | 835 | 5 | 25 | 880 | N/A | FDD | N/A |
|  | n41 | N/A | 5 | N/A | 2510 | 13.2 | FDD | IMD3 |
|  | n77 | 4180 | 10 | 50 | 4180 | N/A | TDD | N/A |
|  | n5 | N/A | 5 | N/A | 879 | 30.2 | FDD | IMD2 |
|  | n41 | 2550 | 5 | 25 | 2550 | N/A | TDD | N/A |
|  | n77 | 3429 | 10 | 50 | 3429 | N/A | TDD | N/A |
|  | n5 | N/A | 5 | N/A | 900 | 15.2 | FDD | IMD31 |
|  | n41 | 2500 | 5 | 25 | 2500 | N/A | TDD | N/A |
|  | n77 | 4100 | 10 | 50 | 4100 | N/A | TDD | N/A |
| CA\_n5-n48-n66 | n5 | 829 | 5 | 25 | 874 | N/A | FDD | N/A |
|  | n48 | N/A | 10 | N/A | 3622 | 3.6 | TDD | IMD5 |
|  | n66 | 1760 | 5 | 216 | 2160 | N/A | FDD | N/A |
| CA\_n5-n66-n77 | n5 | 845 | 5 | 25 | 890 | N/A | FDD | N/A |
|  | n66 | 1775 | 5 | 25 | 2175 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3465 | 16.1 | TDD | IMD3 |
|  | n5 | 826.5 | 5 | 25 | 871.5 | N/A | FDD | N/A |
|  | n66 | 1712.5 | 5 | 25 | 2112.5 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 4192 | 8.2 | TDD | IMD45 |
|  | n5 | 835 | 5 | 25 | 880 | N/A | FDD | N/A |
|  | n66 | 1735 | 5 | 25 | 2135 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3535 | 3.3 | TDD | IMD5 |
|  | n5 | 826.5 | 5 | 25 | 871.5 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2142 | 13.2 | FDD | IMD3 |
|  | n77 | 3795 | 10 | 50 | 3795 | N/A | TDD | N/A |
| CA\_n5-n66-n78 | n5 | 830 | 5 | 25 | 875 | N/A | FDD | N/A |
|  | n66 | 1720 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3380 | 16.1 | TDD | IMD3 |
|  | n5 | 830 | 5 | 25 | 875 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2120 | 13.2 | FDD | IMD3 |
|  | n78 | 3780 | 10 | 50 | 3780 | N/A | TDD | N/A |
| CA\_n5-n78-n79 | n5 | 846 | 5 | 25 | 891 | N/A | FDD | N/A |
|  | n78 | 3790 | 10 | 50 | 3790 | N/A | TDD | N/A |
|  | n79 | N/A | 40 | N/A | 4636 | 26.2 | TDD | IMD2 |
|  | n5 | 827 | 5 | 25 | 872 | N/A | FDD | N/A |
|  | n78 | 3305 | 10 | 50 | 3305 | N/A | TDD | N/A |
|  | n79 | N/A | 40 | N/A | 4959 | 22 | TDD | IMD3 |
|  | n5 | 827 | 5 | 25 | 872 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3593 | 26.9 | TDD | IMD2 |
|  | n79 | 4420 | 40 | 216 | 4420 | N/A | TDD | N/A |
|  | n5 | 827 | 5 | 25 | 872 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3326 | 17 | TDD | IMD3 |
|  | n79 | 4980 | 40 | 216 | 4980 | N/A | TDD | N/A |
|  | n5 | N/A | 5 | N/A | 880 | 16.2 | FDD | IMD2 |
|  | n78 | 3550 | 10 | 50 | 3550 | N/A | TDD | N/A |
|  | n79 | 4430 | 40 | 216 | 4430 | N/A | TDD | N/A |
|  | n5 | N/A | 5 | N/A | 875 | 3 | FDD | IMD5 |
|  | n78 | 3305 | 10 | 50 | 3305 | N/A | TDD | N/A |
|  | n79 | 4520 | 40 | 216 | 4520 | N/A | TDD | N/A |
| CA\_n7-n8-n40 | n7 | 2530 | 5 | 25 | 2650 | N/A | FDD | N/A |
|  | n8 | 905 | 5 | 25 | 950 | N/A | FDD | N/A |
|  | n40 | N/A | 5 | N/A | 2345 | 3.0 | TDD | IMD5 |
| CA\_n7-n8-n78 | n7 | 2555 | 5 | 25 | 2675 | N/A | FDD | N/A |
|  | n8 | 900 | 5 | 25 | 945 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3455 | 28.5 | TDD | IMD2 |
|  | n7 | 2555 | 5 | 25 | 2675 | N/A | FDD | N/A |
|  | n8 | N/A | 5 | N/A | 945 | 29.7 | FDD | IMD2 |
|  | n78 | 3500 | 10 | 50 | 3500 | N/A | TDD | N/A |
|  | n7 | 2520 | 5 | 25 | 2640 | N/A | FDD | N/A |
|  | n8 | N/A | 5 | N/A | 940 | 3.1 | FDD | IMD5 |
|  | n78 | 3310 | 10 | 50 | 3310 | N/A | TDD | N/A |
|  | n7 | N/A | 5 | N/A | 2650 | 28 | FDD | IMD2 |
|  | n8 | 895 | 5 | 25 | 940 | N/A | FDD | N/A |
|  | n78 | 3545 | 10 | 50 | 3545 | N/A | TDD | N/A |
| CA\_n7-n20-n67 | n7 | 2565 | 10 | 50 | 2685 | N/A | TDD | N/A |
|  | n20 | 834.5 | 5 | 25 | 793.5 | N/A | FDD | N/A |
|  | n67 | N/A | 5 | N/A | 773 | 3.9 | FDD | IMD5 |
| CA\_n7-n20-n78 | n7 | 2560 | 5 | 25 | 2680 | N/A | FDD | N/A |
|  | n20 | N/A | 5 | N/A | 810 | 30.5 | FDD | IMD21 |
|  | n78 | 3370 | 10 | 50 | 3370 | N/A | TDD | N/A |
|  | n7 | 2560 | 5 | 25 | 2680 | N/A | FDD | N/A |
|  | n20 | N/A | 5 | N/A | 810 | 3.0 | FDD | IMD5 |
|  | n78 | 3435 | 10 | 50 | 3435 | N/A | TDD | N/A |
|  | n7 | N/A | 5 | N/A | 2675 | 30.8 | FDD | IMD2 |
|  | n20 | 845 | 5 | 25 | 804 | N/A | FDD | N/A |
|  | n78 | 3520 | 10 | 50 | 3520 | N/A | TDD | N/A |
|  | n7 | 2540 | 5 | 25 | 2660 | N/A | FDD | N/A |
|  | n20 | 835 | 5 | 25 | 794 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3375 | 29.7 | TDD | IMD22 |
| CA\_n7-n25-n77 | n7 | N/A | 5 | N/A | 2640 | 5.3 | FDD | IMD5 |
|  | n25 | 1870 | 5 | 25 | 1950 | N/A | FDD | N/A |
|  | n77 | 4125 | 10 | 50 | 4125 | N/A | TDD | N/A |
|  | n7 | 2550 | 5 | 25 | 2670 | N/A | FDD | N/A |
|  | n25 | N/A | 5 | N/A | 1950 | 8.6 | FDD | IMD4 |
|  | n77 | 3525 | 10 | 50 | 3525 | N/A | TDD | N/A |
|  | n7 | 2520 | 5 | 25 | 2640 | N/A | FDD | N/A |
|  | n25 | 1905 | 5 | 25 | 1985 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3750 | 4.5 | TDD | IMD5 |
| CA\_n7-n25-n78 | n7 | 2550 | 5 | 25 | 2670 | N/A | FDD | N/A |
|  | n25 | N/A | 5 | N/A | 1950 | 8.6 | FDD | IMD4 |
|  | n78 | 3525 | 10 | 50 | 3525 | N/A | TDD | N/A |
|  | n7 | 2520 | 5 | 25 | 2640 | N/A | FDD | N/A |
|  | n25 | 1905 | 5 | 25 | 1985 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3750 | 4.5 | TDD | IMD5 |
| CA\_n7-n26-n78 | n7 | 2550 | 5 | 25 | 2670 | N/A | FDD | N/A |
|  | n26 | N/A | 5 | N/A | 879 | 30.2 | FDD | IMD2 |
|  | n78 | 3429 | 10 | 50 | 3429 | N/A | TDD | N/A |
|  | n7 | 2525 | 5 | 25 | 2645 | N/A | FDD | N/A |
|  | n26 | N/A | 5 | N/A | 875 | 3.3 | FDD | IMD5 |
|  | n78 | 3350 | 10 | 50 | 3350 | N/A | TDD | N/A |
|  | n7 | N/A | 5 | N/A | 2645 | 30.1 | FDD | IMD2 |
|  | n26 | 844 | 5 | 25 | 889 | N/A | FDD | N/A |
|  | n78 | 3489 | 10 | 50 | 3489 | N/A | TDD | N/A |
|  | n7 | 2540 | 5 | 25 | 2660 | N/A | FDD | N/A |
|  | n26 | 835 | 5 | 25 | 880 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3375 | 29.7 | TDD | IMD2 |
| CA\_n7-n28-n78 | n7 | 2567.5 | 5 | 25 | 2687.5 | N/A | FDD | N/A |
|  | n28 | N/A | 5 | N/A | 782.5 | 28.8 | FDD | IMD2 |
|  | n78 | 3350 | 10 | 50 | 3350 | N/A | TDD | N/A |
|  | n7 | 2567.5 | 5 | 25 | 2687.5 | N/A | FDD | N/A |
|  | n28 | N/A | 5 | N/A | 782.5 | 3.0 | FDD | IMD5 |
|  | n78 | 3460 | 10 | 50 | 3460 | N/A | TDD | N/A |
|  | n7 | N/A | 5 | N/A | 2650 | 30.5 | FDD | IMD2 |
|  | n28 | 740 | 5 | 25 | 795 | N/A | FDD | N/A |
|  | n78 | 3390 | 10 | 50 | 3390 | N/A | TDD | N/A |
|  | n7 | 2565 | 5 | 25 | 2685 | N/A | FDD | N/A |
|  | n28 | 745 | 5 | 25 | 800 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3310 | 29.7 | TDD | IMD2 |
|  | n7 | 2550 | 5 | 25 | 2670 | N/A | FDD | N/A |
|  | n28 | 720 | 5 | 25 | 775 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3714 | 9.7 | TDD | IMD4 |
| CA\_n7-n40-n78 | n7 | N/A | 5 | N/A | 2630 | 10.1 | FDD | IMD4 |
|  | n40 | 2310 | 5 | 25 | 2310 | N/A | TDD | N/A |
|  | n78 | 3625 | 10 | 50 | 3625 | N/A | TDD | N/A |
|  | n7 | 2510 | 5 | 25 | 2630 | N/A | FDD | N/A |
|  | n40 | N/A | 5 | N/A | 2310 | 8.7 | TDD | IMD4 |
|  | n78 | 3785 | 10 | 50 | 3785 | N/A | TDD | N/A |
| CA\_n7-n40-n105 | n7 | N/A | 5 | N/A | 2655 | 5.9 | FDD | IMD5 |
|  | n40 | 2352 | 5 | 25 | 2352 | N/A | TDD | N/A |
|  | n105 | 683 | 5 | 25 | 632 | N/A | FDD | N/A |
| CA\_n7-n46-n78 | n7 | 2530 | 5 | 25 | 2650 | N/A | FDD | N/A |
|  | n46 | 5840 | 20 | 100 | 5840 | N/A | TDD | N/A |
|  | n78 | N/A | 10 | N/A | 3310 | 29,7 | TDD | IMD21 |
|  | n7 | 2530 | 5 | 25 | 2650 | N/A | FDD | N/A |
|  | n46 | N/A | 20 | N/A | 5840 | 25.2 | TDD | IMD21 |
|  | n78 | 3310 | 10 | 50 | 3310 | N/A | TDD | N/A |
| CA\_n7-n66-n77 | n7 | 2560 | 5 | 25 | 2680 | N/A | FDD | N/A |
|  | n66 | 1730 | 5 | 25 | 2130 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3390 | 16.1 | TDD | IMD3 |
|  | n7 | 2550 | 5 | 25 | 2670 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2150 | 8.7 | FDD | IMD4 |
|  | n77 | 3625 | 10 | 50 | 3625 | N/A | TDD | N/A |
|  | n7 | N/A | 5 | N/A | 2640 | 3.4 | FDD | IMD5 |
|  | n66 | 1720 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n77 | 3900 | 10 | 50 | 3900 | N/A | TDD | N/A |
|  | n7 | 2520 | 5 | 25 | 2640 | N/A | FDD | N/A |
|  | n66 | 1760 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 4040 | 4.2 | TDD | IMD5 |
| CA\_n7-n66-n78 | n7 | 2560 | 5 | 25 | 2680 | N/A | FDD | N/A |
|  | n66 | 1730 | 5 | 25 | 2130 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3390 | 16.1 | TDD | IMD3 |
|  | n7 | 2550 | 5 | 25 | 2670 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2150 | 8.7 | FDD | IMD4 |
|  | n78 | 3625 | 10 | 50 | 3625 | N/A | TDD | N/A |
| CA\_n7-n67-n78 | n7 | 2562 | 5 | 25 | 2682 | N/A | FDD | N/A |
|  | n67 | N/A | 5 | N/A | 748 | 28.8 | SDL | IMD21 |
|  | n78 | 3310 | 10 | 50 | 3310 | N/A | TDD | N/A |
| CA\_n7-n71-n77 | n7 | 2505 | 5 | 25 | 2625 | N/A | FDD | N/A |
|  | n71 | 666 | 5 | 25 | 620 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3837 | 16.0 | TDD | IMD3 |
|  | n7 | N/A | 5 | N/A | 2670 | 29.6 | FDD | IMD2 |
|  | n71 | 680 | 5 | 25 | 634 | N/A | FDD | N/A |
|  | n77 | 3350 | 10 | 50 | 3350 | N/A | TDD | N/A |
| CA\_n7-n78-n102 | n7 | 2560 | 5 | 25 | 2680 | N/A | FDD | N/A |
|  | n78 | 3420 | 5 | 25 | 3420 | N/A | TDD | N/A |
|  | n102 | N/A | 40 | N/A | 5980 | N/A12 | TDD | IMD21 |
|  | n7 | 2560 | 5 | 25 | 2680 | N/A | FDD | N/A |
|  | n78 | N/A | 5 | N/A | 3420 | 29.6 | TDD | IMD21 |
|  | n102 | 5980 | 40 | 216 | 5980 | N/A | TDD | N/A |
|  | n7 | N/A | 5 | N/A | 2680 | 29.6 | FDD | IMD21 |
|  | n78 | 3320 | 5 | 25 | 3320 | N/A | TDD | N/A |
|  | n102 | 6000 | 40 | 216 | 6000 | N/A | TDD | N/A |
| CA\_n7-n78-n105 | n7 | 2555 | 5 | 25 | 2675 | N/A | FDD | N/A |
|  | n78 | 3520 | 10 | 50 | 3520 | N/A | TDD | N/A |
|  | n105 | N/A | 5 | N/A | 625 | 3.9 | FDD | IMD5 |
|  | n7 | 2550 | 5 | 25 | 2670 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3714 | 9.7 | TDD | IMD4 |
|  | n105 | 693 | 5 | 25 | 642 | N/A | FDD | N/A |
|  | n7 | N/A | 5 | N/A | 2625 | 28.7 | FDD | IMD2 |
|  | n78 | 3308 | 10 | 50 | 3308 | N/A | TDD | N/A |
|  | n105 | 683 | 5 | 25 | 632 | N/A | FDD | N/A |
| CA\_n8-n20-n28 | n8 | N/A | 5 | 25 | 951.5 | 24.3 | FDD | IMD3 |
|  | n20 | 834.5 | 5 | 25 | 793.5 | N/A | FDD | N/A |
|  | n28 | 717.5 | 5 | 25 | 772.5 | N/A | FDD | N/A |
|  | n8 | 887.5 | 5 | 25 | 932.5 | N/A | FDD | N/A |
|  | n20 | 834.5 | 5 | 25 | 793.5 | N/A | FDD | N/A |
|  | n28 | N/A | 5 | 25 | 781.5 | 24 | FDD | IMD3 |
| CA\_n8-n39-n79 | n8 | 900 | 5 | 25 | 945 | N/A | FDD | N/A |
|  | n39 | 1890 | 10 | 50 | 1890 | N/A | TDD | N/A |
|  | n79 | N/A | 40 | N/A | 4680 | 15.9 | TDD | IMD3 |
|  | n8 | 890 | 5 | 25 | 935 | N/A | FDD | N/A |
|  | n39 | 1890 | 10 | 50 | 1890 | N/A | TDD | N/A |
|  | n79 | N/A | 40 | N/A | 4560 | 12.1 | TDD | IMD4 |
|  | n8 | 897.5 | 5 | 25 | 942.5 | N/A | FDD | N/A |
|  | n39 | N/A | 10 | N/A | 1907.5 | 13.8 | TDD | IMD4 |
|  | n79 | 4600 | 40 | 216 | 4600 | N/A | TDD | N/A |
|  | n8 | N/A | 5 | N/A | 940 | 15.1 | FDD | IMD3 |
|  | n39 | 1900 | 10 | 50 | 1900 | N/A | TDD | N/A |
|  | n79 | 4740 | 40 | 216 | 4740 | N/A | TDD | N/A |
|  | n8 | N/A | 5 | N/A | 940 | 7.1 | FDD | IMD4 |
|  | n39 | 1900 | 10 | 50 | 1900 | N/A | TDD | N/A |
|  | n79 | 4750 | 40 | 216 | 4750 | N/A | TDD | N/A |
| CA\_n8-n40-n78 | n8 | N/A | 5 | N/A | 950 | 30.5 | FDD | IMD2 |
|  | n40 | 2380 | 5 | 25 | 2380 | N/A | TDD | N/A |
|  | n78 | 3330 | 10 | 50 | 3330 | N/A | TDD | N/A |
|  | n8 | N/A | 5 | N/A | 935 | 19.8 | FDD | IMD3 |
|  | n40 | 2320 | 5 | 25 | 2320 | N/A | TDD | N/A |
|  | n78 | 3705 | 10 | 50 | 3705 | N/A | TDD | N/A |
|  | n8 | 910 | 5 | 25 | 955 | N/A | FDD | N/A |
|  | n40 | N/A | 5 | N/A | 2395 | 28 | TDD | IMD2 |
|  | n78 | 3305 | 10 | 50 | 3305 | N/A | TDD | N/A |
|  | n8 | 910 | 5 | 25 | 955 | N/A | FDD | N/A |
|  | n40 | 2395 | 10 | 50 | 2395 | N/A | TDD | N/A |
|  | n78 | N/A | 10 | N/A | 3305 | 28.8 | TDD | IMD24 |
| CA\_n8-n40-n41 | n8 | 895 | 5 | 25 | 940 | N/A | FDD | N/A |
|  | n40 | 2355 | 5 | 25 | 2355 | 4.9 | TDD | IMD5 |
|  | n41 | N/A | 10 | N/A | 2520 | N/A | TDD | N/A |
| CA\_n8-n41-n79 | n8 | 910 | 5 | 25 | 955 | N/A | FDD | N/A |
|  | n41 | 2650 | 10 | 50 | 2650 | N/A | TDD | N/A |
|  | n79 | 4470 | 10 | 50 | 4470 | 16.3 | TDD | IMD3 |
|  | n8 | 910 | 5 | 25 | 955 | N/A | FDD | N/A |
|  | n41 | 2650 | 10 | 50 | 2650 | 15.5 | TDD | IMD3 |
|  | n79 | 4470 | 10 | 50 | 4470 | N/A | TDD | N/A |
|  | n8 | 895 | 5 | 25 | 940 | 11.8 | FDD | IMD31 |
|  | n41 | 2680 | 10 | 50 | 2680 | N/A | TDD | N/A |
|  | n79 | 4420 | 10 | 50 | 4420 | N/A | TDD | N/A |
| CA\_n12-n30-n77 | n12 | N/A | 5 | N/A | 740 | 15.2 | FDD | IMD31 |
|  | n30 | 2310 | 5 | 25 | 2355 | N/A | FDD | N/A |
|  | n77 | 3880 | 10 | 50 | 3880 | N/A | TDD | N/A |
|  | n12 | 707.5 | 5 | 25 | 737.5 | N/A | FDD | N/A |
|  | n30 | N/A | 5 | N/A | 2355 | 13.2 | FDD | IMD3 |
|  | n77 | 3770 | 10 | 50 | 3770 | N/A | TDD | N/A |
|  | n12 | 707 | 5 | 25 | 737 | N/A | FDD | N/A |
|  | n30 | 2310 | 5 | 25 | 2355 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3913 | 16.0 | TDD | IMD3 |
| CA\_n12-n66-n77 | n12 | N/A | 5 | N/A | 740 | 15.2 | FDD | IMD35 |
|  | n66 | 1720 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n77 | 4180 | 10 | 50 | 4180 | N/A | TDD | N/A |
|  | n12 | 707 | 5 | 25 | 737 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2126 | 13.2 | FDD | IMD3 |
|  | n77 | 3540 | 10 | 50 | 3540 | N/A | TDD | N/A |
|  | n12 | 704 | 5 | 25 | 734 | N/A | FDD | N/A |
|  | n66 | 1723 | 5 | 25 | 2123 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 4150 | 16.0 | TDD | IMD31,2,5 |
| CA\_n12-n71-n77 | n12 | N/A | 5 | N/A | 732 | 4.4 | FDD | IMD5 |
|  | n71 | 693 | 5 | 25 | 647 | N/A | FDD | N/A |
|  | n77 | 3504 | 10 | 50 | 3504 | N/A | TDD | N/A |
|  | n12 | 711 | 5 | 25 | 741 | N/A | FDD | N/A |
|  | n71 | N/A | 5 | N/A | 646 | 3.9 | FDD | IMD5 |
|  | n77 | 3490 | 10 | 50 | 3490 | N/A | TDD | N/A |
| CA\_n13-n25-n66 | n13 | 782 | 5 | 25 | 751 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2156 | 7..2 | FDD | IMD4 |
|  | n25 | 1860 | 5 | 25 | 1940 | N/A | FDD | N/A |
|  | n13 | 780 | 10 | 50 | 749 | N/A | FDD | N/A |
|  | n25 | N/A | 5 | N/A | 1940 | 6.2 | FDD | IMD4 |
|  | n66 | 1750 | 5 | 25 | 2150 | N/A | FDD | N/A |
| CA\_n13-n25-n77 | n13 | 782 | 5 | 25 | 751 | N/A | FDD | N/A |
|  | n25 | 1896 | 5 | 25 | 1976 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3460 | 17.3 | TDD | IMD31,2 |
|  | n13 | 782 | 5 | 25 | 751 | N/A | FDD | N/A |
|  | n25 | N/A | 5 | N/A | 1960 | 16.0 | FDD | IMD3 |
|  | n77 | 3524 | 10 | 50 | 3524 | N/A | TDD | N/A |
| CA\_n13-n66-n77 | n13 | 782 | 5 | 25 | 751 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2146 | 17.1 | FDD | IMD3 |
|  | n77 | 3710 | 10 | 50 | 3710 | N/A | TDD | N/A |
|  | n13 | N/A | 5 | N/A | 750 | 15.2 | FDD | IMD35 |
|  | n66 | 1710 | 5 | 25 | 2110 | N/A | FDD | N/A |
|  | n77 | 4170 | 10 | 50 | 4170 | N/A | TDD | N/A |
|  | n13 | 782 | 5 | 25 | 751 | N/A | FDD | N/A |
|  | n66 | 1770 | 5 | 25 | 2170 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3334 | 16.3 | TDD | IMD31,2,5 |
| CA\_n14-n30-n77 | n14 | N/A | 5 | N/A | 763 | 15.2 | FDD | IMD31 |
|  | n30 | 2310 | 5 | 25 | 2355 | N/A | FDD | N/A |
|  | n77 | 3857 | 10 | 50 | 3857 | N/A | TDD | N/A |
|  | n14 | 793 | 5 | 25 | 763 | N/A | FDD | N/A |
|  | n30 | N/A | 5 | N/A | 2355 | 13.2 | FDD | IMD3 |
|  | n77 | 3941 | 10 | 50 | 3941 | N/A | TDD | N/A |
|  | n14 | 793 | 5 | 25 | 763 | N/A | FDD | N/A |
|  | n30 | 2310 | 5 | 25 | 2355 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3896 | 16.0 | TDD | IMD3 |
| CA\_n14-n66-n77 | n14 | N/A | 5 | N/A | 763 | 15.2 | FDD | IMD35 |
|  | n66 | 1712.5 | 5 | 25 | 2112.5 | N/A | FDD | N/A |
|  | n77 | 4188 | 10 | 50 | 4188 | N/A | TDD | N/A |
|  | n14 | 793 | 5 | 25 | 763 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2155 | 13.2 | FDD | IMD3 |
|  | n77 | 3741 | 10 | 50 | 3741 | N/A | TDD | N/A |
|  | n14 | 793 | 5 | 25 | 763 | N/A | FDD | N/A |
|  | n66 | 1755 | 5 | 25 | 2155 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3341 | 16.0 | TDD | IMD31,2,5 |
| CA\_n18-n28-n41 | n18 | 825 | 5 | 25 | 870 | N/A | FDD | N/A |
|  | n28 | 738 | 5 | 25 | 793 | N/A | FDD | N/A |
|  | n41 | N/A | 10 | N/A | 2562 | 4.4 | TDD | IMD5 |
|  | n18 | 825 | 5 | 25 | 870 | N/A | FDD | N/A |
|  | n41 | 2505 | 10 | 50 | 2505 | N/A | TDD | N/A |
|  | n28 | N/A | 5 | N/A | 795 | 3.9 | FDD | IMD5 |
| CA\_n18-n28-n77 | n18 | 820 | 5 | 25 | 865 | N/A | FDD | N/A |
|  | n28 | 710 | 5 | 25 | 765 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3770 | 4.0 | TDD | IMD5 |
|  | n18 | 820 | 5 | 25 | 865 | N/A | FDD | N/A |
|  | n28 | N/A | 5 | N/A | 778 | 4.4 | FDD | IMD5 |
|  | n77 | 4058 | 10 | 50 | 4058 | N/A | TDD | N/A |
|  | n18 | N/A | 5 | N/A | 865 | 3.9 | FDD | IMD5 |
|  | n28 | 723 | 5 | 25 | 778 | N/A | FDD | N/A |
|  | n77 | 3757 | 10 | 50 | 3757 | N/A | TDD | N/A |
| CA\_n18-n41-n77 | n18 | 820 | 5 | 25 | 865 | N/A | FDD | N/A |
|  | n41 | 2570 | 5 | 25 | 2570 | N/A | TDD | N/A |
|  | n77 | N/A | 10 | N/A | 3390 | 30.1 | TDD | IMD22,4 |
|  | n18 | 820 | 5 | 25 | 865 | N/A | FDD | N/A |
|  | n77 | 3450 | 10 | 50 | 3450 | N/A | TDD | N/A |
|  | n41 | N/A | 5 | N/A | 2630 | 28.5 | TDD | IMD24 |
|  | n41 | 2590 | 10 | 50 | 2590 | N/A | TDD | N/A |
|  | n77 | 3460 | 10 | 50 | 3460 | N/A | TDD | N/A |
|  | n18 | N/A | 5 | N/A | 870 | 29.3 | FDD | IMD21,4 |
| CA\_n20-n67-n78 | n20 | 855 | 5 | 25 | 814 | N/A | FDD | N/A |
|  | n67 | N/A | 5 | N/A | 755 | 11.6 | FDD | IMD4 |
|  | n78 | 3320 | 10 | 50 | 3320 | N/A | TDD | N/A |
| CA\_n24-n41-n48 | n24 | 1649 | 5 | 25 | 1528.5 | N/A | FDD | N/A |
|  | n41 | 2610 | 5 | 25 | 2610 | N/A | TDD | N/A |
|  | n48 | N/A | 10 | N/A | 3571 | 16.8 | TDD | IMD3 |
|  | n24 | 1630 | 5 | 25 | 1528.5 | N/A | FDD | N/A |
|  | n41 | N/A | 5 | N/A | 2500 | 5.3 | TDD | IMD5 |
|  | n48 | 3695 | 10 | 50 | 3695 | N/A | TDD | N/A |
|  | n24 | N/A | 5 | N/A | 1530 | 16.4 | FDD | IMD3 |
|  | n41 | 2592.5 | 5 | 25 | 2592.5 | N/A | TDD | N/A |
|  | n48 | 3655 | 10 | 50 | 3655 | N/A | TDD | N/A |
| CA\_n24-n41-n77 | n24 | 1630 | 5 | 25 | 1528.5 | N/A | FDD | N/A |
|  | n41 | 2685 | 5 | 25 | 2685 | N/A | TDD | N/A |
|  | n77 | N/A | 10 | N/A | 3735 | 16.8 | TDD | IMD31,5 |
|  | n24 | 1630 | 5 | 25 | 1528.5 | N/A | FDD | N/A |
|  | n41 | N/A | 5 | N/A | 2610 | 5.3 | TDD | IMD55 |
|  | n77 | 3755 | 10 | 50 | 3755 | N/A | TDD | N/A |
|  | n24 | N/A | 5 | N/A | 1528.5 | 16.4 | FDD | IMD32,5 |
|  | n41 | 2500 | 5 | 25 | 2500 | N/A | TDD | N/A |
|  | n77 | 3465 | 10 | 50 | 3465 | N/A | TDD | N/A |
| CA\_n25-n38-n78 | n25 | N/A | 5 | N/A | 1932.5 | 16.4 | FDD | IMD3 |
|  | n38 | 2617.5 | 5 | 25 | 2617.5 | N/A | TDD | N/A |
|  | n78 | 3305 | 10 | 50 | 3305 | N/A | TDD | N/A |
|  | n25 | 1870 | 5 | 25 | 1950 | N/A | FDD | N/A |
|  | n38 | 2610 | 5 | 25 | 2610 | N/A | TDD | N/A |
|  | n78 | N/A | 10 | N/A | 3350 | 14.8 | TDD | IMD3 |
|  | n25 | N/A | 5 | N/A | 1960 | 8.6 | TDD | IMD4 |
|  | n38 | 2570 | 5 | 25 | 2570 | N/A | FDD | N/A |
|  | n78 | 3550 | 10 | 50 | 3550 | N/A | TDD | N/A |
| CA\_n25-n41-n66 | n25 | N/A | 5 | N/A | 1940 | 11.0 | FDD | IMD4 |
|  | n41 | 2685 | 10 | 50 | 2685 | N/A | TDD | N/A |
|  | n66 | 1715 | 5 | 25 | 2115 | N/A | FDD | N/A |
| CA\_n25-n41-n66 | n25 | N/A | 5 | 25 | 1950 | 15.3 | FDD | IMD3 |
|  | n41 | 2546 | 100 | 1 (RBstart=24) | 2546 | N/A | TDD | N/A |
|  |  | 2641 | 90 | 1 (RBstart=232) | 2641 |  |  |  |
|  | n66 | 1775 | 5 | 25 | 2195 | N/A | FDD | N/A |
|  | n25 | 1912.5 | 5 | 25 | 1992.5 | N/A | FDD | N/A |
|  | n41 | 2546 | 100 | 1 (RBstart=260) | 2546 | N/A | TDD | N/A |
|  |  | 2641 | 90 | 1 (RBstart=121) | 2641 |  |  |  |
|  | n66 | N/A | 5 | 25 | 1962.5 | 15.3 | FDD | IMD3 |
| CA\_n25-n41-n77 | n25 | 1870 | 5 | 25 | 1950 | N/A | FDD | N/A |
|  | n41 | 2670 | 5 | 25 | 2670 | N/A | TDD | N/A |
|  | n77 | N/A | 10 | N/A | 3470 | 14.8 | TDD | IMD3 |
|  | n25 | 1900 | 5 | 25 | 1980 | N/A | FDD | N/A |
|  | n41 | 2525 | 5 | 25 | 2645 | N/A | TDD | N/A |
|  | n77 | N/A | 10 | N/A | 3775 | 4.2 | TDD | IMD5 |
|  | n25 | 1870 | 5 | 25 | 1950 | N/A | FDD | N/A |
|  | n41 | N/A | 5 | N/A | 2640 | 5.3 | TDD | IMD55 |
|  | n77 | 4125 | 10 | 50 | 4125 | N/A | TDD | N/A |
|  | n25 | N/A | 5 | N/A | 1950 | 17.6 | FDD | IMD35 |
|  | n41 | 2675 | 5 | 25 | 2675 | N/A | TDD | N/A |
|  | n77 | 3400 | 10 | 50 | 3400 | N/A | TDD | N/A |
|  | n25 | N/A | 5 | N/A | 1950 | 8.6 | FDD | IMD4 |
|  | n41 | 2550 | 5 | 25 | 2685 | N/A | TDD | N/A |
|  | n77 | 3525 | 10 | 50 | 3525 | N/A | TDD | N/A |
| CA\_n25-n41-n78 | n25 | 1870 | 5 | 25 | 1950 | N/A | FDD | N/A |
|  | n41 | 2610 | 5 | 25 | 2610 | N/A | TDD | N/A |
|  | n78 | N/A | 10 | N/A | 3350 | 14.8 | TDD | IMD3 |
|  | n25 | 1900 | 5 | 25 | 1980 | N/A | FDD | N/A |
|  | n41 | 2525 | 5 | 25 | 2645 | N/A | TDD | N/A |
|  | n78 | N/A | 10 | N/A | 3775 | 4.2 | TDD | IMD5 |
|  | n25 | N/A | 5 | N/A | 1950 | 17.6 | FDD | IMD3 |
|  | n41 | 2565 | 5 | 25 | 2565 | N/A | TDD | N/A |
|  | n78 | 3180 | 10 | 50 | 3310 | N/A | TDD | N/A |
|  | n25 | N/A | 5 | N/A | 1950 | 8.6 | FDD | IMD4 |
|  | n41 | 2550 | 5 | 25 | 2685 | N/A | TDD | N/A |
|  | n78 | 3525 | 10 | 50 | 3475 | N/A | TDD | N/A |
| CA\_n25-n41-n85 | n25 | 1900 | 5 | 25 | 1980 | N/A | FDD | N/A |
|  | n41 | 2638 | 10 | 50 | 2638 | N/A | TDD | N/A |
|  | n85 | N/A | 5 | N/A | 738 | 28.7 | FDD | IMD24 |
|  | n25 | 1900 | 5 | 25 | 1980 | N/A | FDD | N/A |
|  | n41 | N/A | 5 | N/A | 2608 | 28.7 | TDD | IMD2 |
|  | n85 | 708 | 5 | 25 | 738 | N/A | FDD | N/A |
|  | n25 | N/A | 5 | N/A | 1952 | 26 | FDD | IMD2 |
|  | n41 | 2660 | 10 | 50 | 2660 | N/A | TDD | N/A |
|  | n85 | 708 | 5 | 50 | 738 | N/A | FDD | N/A |
| CA\_n25-n48-n66 | n25 | 1900 | 5 | 25 | 1980 | N/A | FDD | N/A |
|  | n48 | 3540 | 10 | 50 | 3540 | N/A | TDD | N/A |
|  | n66 | N/A | 5 | N/A | 2160 | 10.4 | FDD | IMD4 |
|  | n25 | 1880 | 5 | 25 | 1960 | N/A | FDD | N/A |
|  | n48 | N/A | 10 | N/A | 3620 | 29.4 | TDD | IMD2 |
|  | n66 | 1740 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n25 | N/A | 5 | N/A | 1960 | 32.1 | FDD | IMD21 |
|  | n48 | 3700 | 10 | 50 | 3700 | N/A | TDD | N/A |
|  | n66 | 1740 | 5 | 25 | 2140 | N/A | FDD | N/A |
| CA\_n25-n66-n77 | n25 | 1855 | 5 | 25 | 1935 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2115 | 29.2 | FDD | IMD2 |
|  | n77 | 3970 | 10 | 50 | 3970 | N/A | TDD | N/A |
|  | n25 | 1900 | 5 | 25 | 1980 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2160 | 10.4 | FDD | IMD4 |
|  | n77 | 3540 | 10 | 50 | 3540 | 10 | TDD | N/A |
|  | n25 | 1900 | 5 | 25 | 1980 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2160 | 4.0 | FDD | IMD5 |
|  | n77 | 3930 | 10 | 50 | 3930 | N/A | TDD | N/A |
|  | n25 | N/A | 5 | N/A | 1960 | 32.1 | FDD | IMD2 |
|  | n66 | 1760 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n77 | 3720 | 10 | 50 | 3720 | N/A | TDD | N/A |
|  | n25 | N/A | 5 | N/A | 1960 | 9.1 | FDD | IMD45 |
|  | n66 | 1770 | 5 | 25 | 2170 | N/A | FDD | N/A |
|  | n77 | 3350 | 10 | 50 | 3350 | N/A | TDD | N/A |
|  | n25 | N/A | 5 | N/A | 1960 | 2.1 | FDD | IMD55 |
|  | n66 | 1760 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n77 | 3620 | 10 | 50 | 3620 | N/A | TDD | N/A |
|  | n25 | 1880 | 5 | 25 | 1960 | N/A | FDD | N/A |
|  | n66 | 1740 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3620 | 29.4 | TDD | IMD25 |
|  | n25 | 1880 | 5 | 25 | 1960 | N/A | FDD | N/A |
|  | n66 | 1740 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3900 | 8.9 | TDD | IMD4 |
| CA\_n25-n66-n78 | n25 | 1880 | 5 | 25 | 1960 | N/A | FDD | N/A |
|  | n66 | 1740 | 5 | 25 | 2140 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3620 | 29.4 | TDD | IMD2 |
|  | n25 | 1900 | 5 | 25 | 1980 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2150 | 10.4 | FDD | IMD4 |
|  | n78 | 3550 | 10 | 50 | 3550 | N/A | TDD | N/A |
|  | n25 | N/A | 5 | N/A | 1960 | 32.1 | FDD | IMD21,2 |
|  | n66 | 1760 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n78 | 3720 | 10 | 50 | 3720 | N/A | TDD | N/A |
| CA\_n25-n66-n85 | n25 | N/A | 5 | N/A | 1992.5 | 11.0 | FDD | IMD4 |
|  | n66 | 1712.5 | 5 | 25 | 2112.5 | N/A | FDD | N/A |
|  | n85 | 713.5 | 5 | 25 | 743.5 | N/A | FDD | N/A |
| CA\_n25-n71-n77 | n25 | 1907.5 | 5 | 25 | 1987.5 | N/A | FDD | N/A |
|  | n71 | 695.5 | 5 | 25 | 649.5 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3305 | 8.0 | TDD | IMD31,2,5 |
|  | n25 | N/A | 5 | N/A | 1954 | 16.5 | FDD | IMD32,5 |
|  | n71 | 693 | 5 | 25 | 647 | N/A | FDD | N/A |
|  | n77 | 3340 | 10 | 50 | 3340 | N/A | TDD | N/A |
| CA\_n25-n71-n78 | n25 | 1907.5 | 5 | 25 | 1987.5 | N/A | FDD | N/A |
|  | n71 | 695.5 | 5 | 25 | 649.5 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3305 | 8.0 | TDD | IMD3 |
|  | n25 | N/A | 5 | N/A | 1954 | 16.5 | FDD | IMD3 |
|  | n71 | 693 | 5 | 25 | 647 | N/A | FDD | N/A |
|  | n78 | 3340 | 10 | 50 | 3340 | N/A | TDD | N/A |
| CA\_n25-n71-n85 | n25 | 1912.5 | 5 | 25 | 1992,5 | N/A | FDD | N/A |
|  | n71 | 665.5 | 5 | 25 | 619.5 | N/A | FDD | N/A |
|  | n85 | N/A | 5 | 25 | 743.5 | 4.2 | FDD | IMD5 |
| CA\_n25-n77-n85 | n25 | N/A | 5 | N/A | 1960 | 16.5 | FDD | IMD32 |
|  | n77 | 3375 | 10 | 50 | 3375 | N/A | TDD | N/A |
|  | n85 | 707.5 | 5 | 25 | 737.5 | N/A | FDD | N/A |
|  | n25 | 1900 | 5 | 25 | 1980 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3315 | 16.0 | TDD | IMD31,2 |
|  | n85 | 707.5 | 5 | 25 | 737.5 | N/A | FDD | N/A |
| CA\_n26-n29-n66 | n26 | 830 | 5 | 25 | 875 | N/A | FDD | N/A |
|  | n29 | N/A | 5 | N/A | 720 | 9.4 | SDL | IMD4 |
|  | n66 | 1770 | 5 | 25 | 2170 | N/A | FDD | N/A |
| CA\_n26-n48-n66 | n26 | 829 | 5 | 25 | 874 | N/A | FDD | N/A |
|  | n48 | N/A | 10 | N/A | 3622 | 3.6 | TDD | IMD5 |
|  | n66 | 1760 | 5 | 25 | 2160 | N/A | FDD | N/A |
| CA\_n26-n48-n70 | n26 | 826.5 | 5 | 25 | 871.5 | N/A | FDD | N/A |
|  | n48 | 3653 | 10 | 50 | 3653 | N/A | TDD | N/A |
|  | n70 | N/A | 5 | N/A | 2000 | 13.2 | FDD | IMD3 |
| CA\_n26-n66-n71 | n26 | N/A | 5 | N/A | 892 | 4.2 | FDD | IMD5 |
|  | n66 | 1770 | 5 | 25 | 2170 | N/A | FDD | N/A |
|  | n71 | 665.5 | 5 | 25 | 619.5 | N/A | FDD | N/A |
| CA\_n26-n66-n77 | n26 | 845 | 5 | 25 | 890 | N/A | FDD | N/A |
|  | n66 | 1775 | 5 | 25 | 2175 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3465 | 16.1 | TDD | IMD3 |
|  | n26 | 826.5 | 5 | 25 | 871.5 | N/A | FDD | N/A |
|  | n66 | 1712.5 | 5 | 25 | 2112.5 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 4192 | 8.2 | TDD | IMD4 |
|  | n26 | 835 | 5 | 25 | 880 | N/A | FDD | N/A |
|  | n66 | 1735 | 5 | 25 | 2135 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3535 | 3.3 | TDD | IMD5 |
|  | n26 | 826.5 | 5 | 25 | 871.5 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2142 | 13.2 | FDD | IMD3 |
|  | n77 | 3795 | 10 | 50 | 3795 | N/A | TDD | N/A |
| CA\_n26-n70-n77 | n26 | 845 | 5 | 25 | 890 | N/A | FDD | N/A |
|  | n70 | 1700 | 5 | 25 | 2000 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3390 | 16.1 | TDD | IMD35 |
|  | n26 | 826.5 | 5 | 25 | 871.5 | N/A | FDD | N/A |
|  | n70 | 1700 | 5 | 25 | 2000 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 4179.5 | 8.2 | TDD | IMD45 |
|  | n26 | 835 | 5 | 25 | 880 | N/A | FDD | N/A |
|  | n70 | 1700 | 5 | 25 | 2000 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3430 | 3.3 | TDD | IMD55 |
|  | n26 | 826.5 | 5 | 25 | 871.5 | N/A | FDD | N/A |
|  | n70 | N/A | 5 | N/A | 2000 | 13.2 | FDD | IMD35 |
|  | n77 | 3653 | 10 | 50 | 3653 | N/A | TDD | N/A |
| CA\_n28-n39-n40 | n28 | N/A | 5 | N/A | 790 | 8.6 | FDD | IMD4 |
|  | n39 | 1915 | 5 | 25 | 1915 | N/A | FDD | N/A |
|  | n40 | 2310 | 5 | 25 | 2310 | N/A | FDD | N/A |
| CA\_n28-n39-n41 | n28 | N/A | 5 | N/A | 762 | 29.3 | FDD | IMD2 |
|  | n39 | 1923 | 5 | 25 | 1923 | N/A | TDD | N/A |
|  | n41 | 2685 | 10 | 50 | 2685 | N/A | TDD | N/A |
| CA\_n28-n39-n79 | n28 | 715 | 5 | 25 | 770 | N/A | FDD | N/A |
|  | n39 | 1902.5 | 5 | 25 | 1902.5 | N/A | TDD | N/A |
|  | n79 | 4520 | 40 | 216 | 4520 | 6.7 | TDD | IMD3 |
|  | n28 | 727.5 | 5 | 25 | 782.5 | N/A | FDD | N/A |
|  | n39 | 1902.5 | 5 | 25 | 1902.5 | N/A | TDD | N/A |
|  | n79 | 4980 | 40 | 216 | 4980 | 4.0 | TDD | IMD41 |
|  | n28 | 715.5 | 5 | 25 | 770.5 | N/A | FDD | N/A |
|  | n39 | 1898 | 5 | 25 | 1898 | 5.7 | TDD | IMD5 |
|  | n79 | 4760 | 40 | 216 | 4760 | N/A | TDD | N/A |
|  | n28 | 730 | 5 | 25 | 785 | 15.6 | FDD | IMD3 |
|  | n39 | 1887.5 | 5 | 25 | 1887.5 | N/A | TDD | N/A |
|  | n79 | 4560 | 40 | 216 | 4560 | N/A | TDD | N/A |
|  | n28 | 725 | 5 | 25 | 780 | 8.5 | FDD | IMD4 |
|  | n39 | 1900 | 5 | 25 | 1900 | N/A | TDD | N/A |
|  | n79 | 4920 | 40 | 216 | 4920 | N/A | TDD | N/A |
| CA\_n28-n40-n41 | n28 | N/A | 5 | N/A | 765 | 7.6 | FDD | IMD4 |
|  | n40 | 2302.5 | 5 | 25 | 2302.5 | N/A | TDD | N/A |
|  | n41 | 2685 | 10 | 50 | 2685 | N/A | TDD | N/A |
| CA\_n28-n40-n41 | n28 | 740 | 5 | 25 | 795 | N/A | TDD | N/A |
|  | n40 | 2380 | 5 | 25 | 2380 | N/A | TDD | N/A |
|  | n41 | N/A | 10 | N/A | 2540 | 11.4 | TDD | IMD5 |
| CA\_n28-n40-n77 | n28 | N/A | 5 | N/A | 800.5 | 11 | FDD | IMD31 |
|  | n40 | 2302.5 | 5 | 25 | 2302.5 | N/A | TDD | N/A |
|  | n77 | 3795 | 10 | 50 | 3795 | N/A | TDD | N/A |
|  | n28 | 708 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n40 | 2310 | 5 | 25 | 2310 | N/A | TDD | N/A |
|  | n77 | N/A | 10 | N/A | 3736 | 16.0 | TDD | IMD32 |
|  | n28 | 708 | 5 | 25 | 763 | N/A | FDD | N/A |
|  | n40 | N/A | 5 | N/A | 2134 | 15.7 | TDD | IMD3 |
|  | n77 | 3550 | 10 | 50 | 3550 | N/A | TDD | N/A |
| CA\_n28-n40-n78 | n28 | N/A | 5 | N/A | 800.5 | 11 | FDD | IMD3 |
|  | n40 | 2302.5 | 5 | 25 | 2302.5 | N/A | TDD | N/A |
|  | n78 | 3795 | 10 | 50 | 3795 | N/A | TDD | N/A |
|  | n28 | 708 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n40 | 2310 | 5 | 25 | 2310 | N/A | TDD | N/A |
|  | n78 | N/A | 10 | N/A | 3736 | 16.0 | TDD | IMD32 |
|  | n28 | 708 | 5 | 25 | 763 | N/A | FDD | N/A |
|  | n40 | N/A | 5 | N/A | 2134 | 15.7 | TDD | IMD3 |
|  | n78 | 3550 | 10 | 50 | 3550 | N/A | TDD | N/A |
| CA\_n28-n40-n79 | n28 | 730 | 5 | 25 | 785 | N/A | FDD | N/A |
|  | n40 | 2350 | 5 | 50 | 2350 | N/A | TDD | N/A |
|  | n79 | N/A | 40 | N/A | 4540 | 10.7 | TDD | IMD4 |
|  | n28 | 720 | 5 | 25 | 775 | N/A | FDD | N/A |
|  | n40 | N/A | 5 | N/A | 2340 | 9.2 | TDD | IMD4 |
|  | n79 | 4500 | 40 | 216 | 4500 | N/A | TDD | N/A |
| CA\_n28-n41-n77 | n41 | 2642 | 5 | 25 | 2642 | N/A | TDD | N/A |
|  | n77 | 3440 | 10 | 50 | 3440 | N/A | TDD | N/A |
|  | n28 | N/A | 5 | N/A | 798 | 30.8 | FDD | IMD24 |
|  | n41 | 2567.5 | 10 | 50 | 2567.5 | N/A | TDD | N/A |
|  | n77 | 3460 | 10 | 50 | 3460 | N/A | TDD | N/A |
|  | n28 | N/A | 5 | N/A | 782.5 | 3.0 | FDD | IMD5 |
|  | n28 | 738 | 5 | 25 | 793 | N/A | FDD | N/A |
|  | n77 | 3380 | 10 | 50 | 3380 | N/A | TDD | N/A |
|  | n41 | N/A | 5 | N/A | 2642 | 29.5 | TDD | IMD2 |
|  | n41 | 2580 | 5 | 25 | 2580 | N/A | TDD | N/A |
|  | n28 | 743 | 5 | 25 | 798 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3323 | 28.2 | TDD | IMD24 |
| CA\_n28-n41-n78 | n28 | 738 | 5 | 25 | 793 | N/A | FDD | N/A |
|  | n78 | 3380 | 10 | 50 | 3380 | N/A | TDD | N/A |
|  | n41 | N/A | 5 | N/A | 2642 | 29.5 | TDD | IMD2 |
|  | n41 | 2642 | 5 | 25 | 2642 | N/A | TDD | N/A |
|  | n78 | 3440 | 10 | 50 | 3440 | N/A | TDD | N/A |
|  | n28 | N/A | 5 | N/A | 798 | 30.8 | FDD | IMD21 |
|  | n41 | 2565 | 5 | 25 | 2565 | N/A | TDD | N/A |
|  | n28 | 745 | 5 | 25 | 800 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3310 | 29.7 | TDD | IMD22 |
| CA\_n28-n41-n79 | n28 | N/A | 5 | N/A | 780 | 13.0 | FDD | IMD31 |
|  | n41 | 2600 | 10 | 50 | 2600 | N/A | TDD | N/A |
|  | n79 | 4420 | 40 | 216 | 4420 | N/A | TDD | N/A |
|  | n28 | 720 | 5 | 25 | 775 | N/A | FDD | N/A |
|  | n41 | 2600 | 10 | 50 | 2600 | N/A | TDD | N/A |
|  | n79 | N/A | 40 | N/A | 4480 | 10.1 | TDD | IMD32 |
|  | n28 | 735 | 5 | 25 | 790 | N/A | FDD | N/A |
|  | n41 | N/A | 10 | N/A | 2645 | 10.4 | TDD | IMD4 |
|  | n79 | 4850 | 40 | 216 | 4850 | N/A | TDD | N/A |
| CA\_n28-n46-n78 | n28 | 710 | 5 | 25 | 765 | N/A | FDD | N/A |
|  | n46 | 5170 | 20 | 100 | 5170 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3750 | 17 | TDD | IMD31 |
|  | n28 | N/A | 5 | N/A | 780 | 16 | FDD | IMD3 |
|  | n46 | 5900 | 20 | 100 | 5900 | N/A | FDD | N/A |
|  | n78 | 3340 | 10 | 50 | 3340 | N/A | TDD | N/A |
|  | n28 | 740 | 5 | 25 | 795 | N/A | FDD | N/A |
|  | n46 | N/A | 20 | N/A | 5900 | 22 | TDD | IMD31,2 |
|  | n78 | 3320 | 10 | 50 | 3320 | N/A | TDD | N/A |
| CA\_n28-n77-n79 | n77 | 3620 | 10 | 50 | 3620 | N/A | TDD | N/A |
|  | n79 | 4420 | 40 | 216 | 4420 | N/A | TDD | N/A |
|  | n28 | 745 | 5 | 25 | 800 | 16.2 | FDD | IMD21,2 |
| CA\_n28-n78-n79 | n28 | 740 | 5 | 25 | 795 | N/A | FDD | N/A |
|  | n78 | 3700 | 10 | 50 | 3700 | N/A | TDD | N/A |
|  | n79 | N/A | 40 | N/A | 4440 | 26.2 | TDD | IMD21,3,4 |
|  | n28 | 740 | 5 | 25 | 795 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3700 | 26.9 | TDD | IMD23,4 |
|  | n79 | 4440 | 40 | 216 | 4440 | N/A | TDD | N/A |
|  | n28 | N/A | 5 | N/A | 800 | 16.2 | FDD | IMD21 |
|  | n78 | 3620 | 10 | 50 | 3620 | N/A | TDD | N/A |
|  | n79 | 4420 | 40 | 216 | 4420 | N/A | TDD | N/A |
| CA\_n28-n78-n102 | n28 | 710 | 5 | 25 | 765 | N/A | FDD | N/A |
|  | n78 | 3380 | 5 | 25 | 3380 | N/A | TDD | N/A |
|  | n102 | N/A | 40 | N/A | 6050 | 22 | TDD | IMD31,2 |
|  | n28 | 730 | 5 | 25 | 785 | N/A | FDD | N/A |
|  | n78 | N/A | 5 | N/A | 3755 | 10.3 | TDD | IMD41 |
|  | n102 | 5945 | 40 | 216 | 5945 | N/A | TDD | N/A |
|  | n28 | N/A | 5 | N/A | 775 | 16 | FDD | IMD31,2 |
|  | n78 | 3395 | 5 | 25 | 3395 | N/A | TDD | N/A |
|  | n102 | 6015 | 40 | 216 | 6015 | N/A | TDD | N/A |
| CA\_n29-n30-n66 | n29 | N/A | 5 | N/A | 719.5 | 4.5 | SDL | IMD5 |
|  | n30 | 2307.5 | 5 | 25 | 2352.5 | N/A | FDD | N/A |
|  | n66 | 1777.5 | 5 | 25 | 2177.5 | N/A | FDD | N/A |
| CA\_n29-n30-n77 | n29 | N/A | 5 | N/A | 722 | 15.2 | SDL | IMD31 |
|  | n30 | 2310 | 5 | 25 | 2355 | N/A | FDD | N/A |
|  | n77 | 3898 | 10 | 50 | 3898 | N/A | TDD | N/A |
| CA\_n29-n66-n77 | n29 | N/A | 5 | N/A | 722 | 15.2 | SDL | IMD35 |
|  | n66 | 1734 | 5 | 25 | 2134 | N/A | FDD | N/A |
|  | n77 | 4190 | 10 | 50 | 4190 | N/A | TDD | N/A |
| CA\_n30-n66-n77 | n30 | N/A | 5 | N/A | 2355 | 29.2 | FDD | IMD25 |
|  | n66 | 1745 | 5 | 25 | 2145 | N/A | FDD | N/A |
|  | n77 | 4100 | 10 | 50 | 4100 | N/A | TDD | N/A |
|  | n30 | N/A | 5 | N/A | 2355 | 3.4 | FDD | IMD5 |
|  | n66 | 1735 | 5 | 25 | 2135 | N/A | FDD | N/A |
|  | n77 | 3780 | 10 | 50 | 3780 | N/A | TDD | N/A |
|  | n30 | 2310 | 5 | 25 | 2355 | N/A | FDD | N/A |
|  | n66 | N/A | 5 | N/A | 2160 | 8.7 | FDD | IMD45 |
|  | n77 | 3390 | 10 | 50 | 3390 | N/A | TDD | N/A |
|  | n30 | 2310 | 5 | 25 | 2355 | N/A | FDD | N/A |
|  | n66 | 1745 | 5 | 25 | 2145 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 4055 | 28.4 | TDD | IMD21,5 |
| CA\_n34-n39-n40 | n34 | 2022.5 | 5 | 25 | 2022.5 | N/A | TDD | N/A |
|  | n39 | 1882.5 | 5 | 25 | 1882.5 | N/A | TDD | N/A |
|  | n40 | N/A | 5 | N/A | 2302.5 | 2.4 | TDD | IMD5 |
| CA\_n34-n40-n41 | n34 | N/A | 5 | N/A | 2015 | 18.3 | TDD | IMD31 |
|  | n40 | 2302.5 | 5 | 25 | 2302.5 | N/A | TDD | N/A |
|  | n41 | 2590 | 10 | 50 | 2590 | N/A | TDD | N/A |
|  | n34 | 2020 | 5 | 25 | 2020 | N/A | TDD | N/A |
|  | n40 | 2320 | 5 | 25 | 2320 | N/A | TDD | N/A |
|  | n41 | 2620 | 10 | 50 | 2620 | 16.5 | TDD | IMD3 |
| CA\_n34-n41-n79 | n34 | 2020 | 5 | 25 | 2020 | N/A | TDD | N/A |
|  | n41 | 2660 | 5 | 25 | 2660 | N/A | TDD | N/A |
|  | n79 | 4680 | 40 | 216 | 4680 | 19.3 | TDD | IMD2 |
|  | n34 | 2020 | 5 | 25 | 2020 | N/A | TDD | N/A |
|  | n41 | 2550 | 5 | 25 | 2550 | 27.2 | TDD | IMD2 |
|  | n79 | 4570 | 40 | 216 | 4570 | N/A | TDD | N/A |
|  | n34 | 2015 | 5 | 25 | 2015 | 28.6 | TDD | IMD2 |
|  | n41 | 2585 | 5 | 25 | 2585 | N/A | TDD | N/A |
|  | n79 | 4600 | 40 | 216 | 4600 | N/A | TDD | N/A |
|  | n34 | 2015 | 5 | 25 | 2015 | 7.5 | TDD | IMD5 |
|  | n41 | 2515 | 5 | 25 | 2515 | N/A | TDD | N/A |
|  | n79 | 4780 | 40 | 216 | 4780 | N/A | TDD | N/A |
| CA\_n38-n66-n78 | n38 | 2550 | 5 | 25 | 2550 | N/A | TDD | N/A |
|  | n66 | N/A | 5 | N/A | 2150 | 8.7 | FDD | IMD4 |
|  | n78 | 3625 | 10 | 50 | 3625 | N/A | TDD | N/A |
|  | n38 | 2610 | 5 | 25 | 2610 | N/A | TDD | N/A |
|  | n66 | 1760 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3460 | 15.0 | TDD | IMD3 |
| CA\_n39-n40-n41 | n39 | 1917.5 | 5 | 25 | 1917.5 | N/A | TDD | N/A |
|  | n40 | 2302.5 | 5 | 25 | 2302.5 | N/A | TDD | N/A |
|  | n41 | N/A | 10 | N/A | 2685 | 30.3 | TDD | IMD3 |
|  | n39 | N/A | 5 | N/A | 1915 | 27.4 | TDD | IMD31 |
|  | n40 | 2302.5 | 5 | 25 | 2302.5 | N/A | TDD | N/A |
|  | n41 | 2685 | 10 | 50 | 2685 | N/A | TDD | N/A |
| CA\_n39-n40-n79 | n39 | 1917.5 | 5 | 25 | 1917.5 | N/A | TDD | N/A |
|  | n40 | 2302.5 | 5 | 25 | 2302.5 | N/A | TDD | N/A |
|  | n79 | N/A | 40 | N/A | 4980 | 5.8 | TDD | IMD4 |
| CA\_n39-n41-n79 | n39 | N/A | N/A | N/A | N/A | N/A | TDD | N/A |
|  | n41 | N/A | N/A | N/A | N/A | N/A | TDD | N/A |
|  | n79 | N/A | N/A | N/A | N/A | N/A | TDD | IMD29 |
|  | n39 | 1900 | 5 | 25 | 1900 | N/A | TDD | N/A |
|  | n41 | N/A | 10 | N/A | 2650 | 29.8 | TDD | IMD21 |
|  | n79 | 4550 | 40 | 216 | 4550 | N/A | TDD | N/A |
|  | n39 | N/A | 5 | N/A | 1900 | 28.9 | TDD | IMD21 |
|  | n41 | 2650 | 10 | 50 | 2650 | N/A | TDD | N/A |
|  | n79 | 4550 | 40 | 216 | 4550 | N/A | TDD | N/A |
| CA\_n40-n41-n79 | n40 | 2340 | 5 | 25 | 2340 | N/A | TDD | N/A |
|  | n41 | 2600 | 10 | 50 | 2600 | N/A | TDD | N/A |
|  | n79 | N/A | 40 | N/A | 4940 | 30.5 | TDD | IMD2 |
|  | n40 | N/A | 5 | N/A | 2335 | 31 | TDD | IMD21 |
|  | n41 | 2545 | 10 | 50 | 2545 | N/A | TDD | N/A |
|  | n79 | 4880 | 40 | 216 | 4880 | N/A | TDD | N/A |
|  | n40 | 2340 | 5 | 25 | 2340 | N/A | TDD | N/A |
|  | n41 | N/A | 10 | N/A | 2600 | 29.4 | TDD | IMD21 |
|  | n79 | 4880 | 40 | 216 | 4940 | N/A | TDD | N/A |
| CA\_n40-n78-n105 | n40 | 2310 | 5 | 25 | 2310 | N/A | TDD | N/A |
|  | n78 | 3789 | 10 | 50 | 3789 | N/A | TDD | N/A |
|  | n105 | N/A | 5 | N/A | 648 | 3.3 | FDD | IMD5 |
|  | n40 | 2310 | 5 | 25 | 2310 | N/A | TDD | N/A |
|  | n78 | N/A | 10 | N/A | 3708 | 16 | TDD | IMD3 |
|  | n105 | 699 | 5 | 25 | 648 | N/A | FDD | N/A |
|  | n40 | N/A | 5 | N/A | 2310 | 15.7 | TDD | IMD3 |
|  | n78 | 3708 | 10 | 50 | 3708 | N/A | TDD | N/A |
|  | n105 | 699 | 5 | 25 | 648 | N/A | FDD | N/A |
| CA\_n41-n66-n77 | n41 | 2600 | 5 | 25 | 2600 | N/A | TDD | N/A |
|  | n66 | 1730 | 5 | 25 | 2130 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3470 | 16.1 | TDD | IMD31,2 |
|  | n41 | N/A | 5 | N/A | 2670 | 5.2 | TDD | IMD55 |
|  | n66 | 1715 | 5 | 25 | 2115 | N/A | FDD | N/A |
|  | n77 | 4190 | 10 | 50 | 4190 | N/A | TDD | N/A |
|  | n41 | 2640 | 5 | 25 | 2640 | N/A | TDD | N/A |
|  | n66 | N/A | 5 | N/A | 2160 | 9.0 | FDD | IMD4 |
|  | n77 | 3720 | 10 | 50 | 3720 | N/A | TDD | N/A |
| CA\_n41-n66-n78 | n41 | 2560 | 5 | 25 | 2560 | N/A | TDD | N/A |
|  | n66 | 1730 | 5 | 25 | 2130 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3390 | 16.1 | TDD | IMD31 |
|  | n41 | 2530 | 5 | 25 | 2530 | N/A | TDD | N/A |
|  | n66 | N/A | 5 | N/A | 2160 | 9.0 | FDD | IMD4 |
|  | n78 | 3610 | 10 | 50 | 3610 | N/A | TDD | N/A |
| CA\_n41-n66-n85 | n41 | N/A | 5 | N/A | 2498.5 | 27.6 | TDD | IMD2 |
|  | n66 | 1777.5 | 5 | 25 | 2197.5 | N/A | FDD | N/A |
|  | n85 | 713.5 | 5 | 25 | 743.5 | N/A | FDD | N/A |
|  | n41 | 2501 | 5 | 25 | 2501 | N/A | TDD | N/A |
|  | n66 | 1770 | 5 | 25 | 2190 | N/A | FDD | N/A |
|  | n85 | N/A | 5 | N/A | 731 | 31 | FDD | IMD21 |
| CA\_n41-n70-n78 | n41 | 2655 | 10 | 50 | 2655 | N/A | TDD | N/A |
|  | n70 | N/A | 5 | N/A | 2000 | 17.6 | FDD | IMD3 |
|  | n78 | 3310 | 10 | 50 | 3310 | N/A | TDD | N/A |
|  | n41 | 2565 | 10 | 50 | 2565 | N/A | TDD | N/A |
|  | n70 | N/A | 5 | N/A | 2000 | 8.6 | FDD | IMD4 |
|  | n78 | 3565 | 10 | 50 | 3565 | N/A | TDD | N/A |
|  | n41 | N/A | 10 | N/A | 2480 | 5.3 | TDD | IMD5 |
|  | n70 | 1700 | 5 | 25 | 2000 | N/A | FDD | N/A |
|  | n78 | 3790 | 10 | 50 | 3790 | N/A | TDD | N/A |
|  | n41 | 2545 | 10 | 50 | 2545 | N/A | FDD | N/A |
|  | n70 | 1700 | 5 | 25 | 2000 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3390 | 16.1 | TDD | IMD3 |
| CA\_n41-n71-n77 | n41 | 2615 | 5 | 25 | 2615 | N/A | TDD | N/A |
|  | n71 | 693 | 5 | 25 | 647 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3308 | 29.1 | TDD | IMD21,5 |
|  | n41 | 2564 | 5 | 25 | 2564 | N/A | TDD | N/A |
|  | n71 | 693 | 5 | 25 | 647 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3950 | 16.3 | TDD | IMD31 |
|  | n41 | 2580 | 5 | 25 | 2580 | N/A | TDD | N/A |
|  | n71 | 693 | 5 | 25 | 647 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3774 | 10.3 | TDD | IMD41 |
|  | n41 | N/A | 5 | N/A | 2615 | 28.7 | TDD | IMD25 |
|  | n71 | 693 | 5 | 25 | 647 | N/A | FDD | N/A |
|  | n77 | 3308 | 10 | 50 | 3308 | N/A | TDD | N/A |
|  | n41 | N/A | 5 | N/A | 2564 | 15.5 | TDD | IMD3 |
|  | n71 | 693 | 5 | 25 | 647 | N/A | FDD | N/A |
|  | n77 | 3950 | 10 | 50 | 3950 | N/A | TDD | N/A |
|  | 41 | 2680 | 5 | 25 | 2680 | N/A | TDD | N/A |
|  | n71 | N/A | 5 | N/A | 640 | 30.8 | FDD | IMD25 |
|  | n77 | 3320 | 10 | 50 | 3320 | N/A | TDD | N/A |
| CA\_n41-n71-n78 | n41 | 2615 | 5 | 25 | 2615 | N/A | TDD | N/A |
|  | n71 | 693 | 5 | 25 | 647 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3308 | 29.1 | TDD | IMD21 |
|  | n41 | 2580 | 5 | 25 | 2580 | N/A | TDD | N/A |
|  | n71 | 693 | 5 | 25 | 647 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3774 | 10.3 | TDD | IMD41 |
|  | n41 | N/A | 5 | N/A | 2615 | 28.7 | TDD | IMD2 |
|  | n71 | 693 | 5 | 25 | 647 | N/A | FDD | N/A |
|  | n78 | 3308 | 10 | 50 | 3308 | N/A | TDD | N/A |
|  | 41 | 2642 | 5 | 25 | 2642 | N/A | TDD | N/A |
|  | n71 | N/A | 5 | N/A | 798 | 30.8 | FDD | IMD2 |
|  | n78 | 3440 | 10 | 50 | 3440 | N/A | TDD | N/A |
| CA\_n41-n77-n79 | n77 | 3600 | 10 | 50 | 3600 | N/A | TDD | N/A |
|  | n79 | 4600 | 40 | 216 | 4600 | N/A | TDD | N/A |
|  | n41 | N/A | 10 | N/A | 2600 | 10.7 | TDD | IMD31,2 |
| CA\_n41-n77-n85 | n41 | 2687 | 5 | 25 | 2687 | N/A | TDD | N/A |
|  | n77 | 3420 | 10 | 50 | 3420 | N/A | TDD | N/A |
|  | n85 | N/A | 5 | N/A | 733 | 30.8 | FDD | IMD25 |
|  | n41 | N/A | 5 | N/A | 2 619 | 29.5 | TDD | IMD24.5 |
|  | n77 | 3320 | 10 | 50 | 3320 | N/A | TDD | N/A |
|  | n85 | 701 | 5 | 25 | 731 | N/A | FDD | N/A |
|  | n41 | 2680 | 5 | 25 | 2680 | N/A | TDD | N/A |
|  | n77 | 3393 | 10 | N/A | 3393 | 28.2 | TDD | IMD24,5 |
|  | n85 | 713 | 5 | 25 | 743 | N/A | FDD | N/A |
| CA\_n46-n78-n102 | n46 | 5315 | 20 | 100 | 5315 | N/A | TDD | N/A |
|  | n78 | 3770 | 10 | 50 | 3770 | N/A | TDD | N/A |
|  | n102 | N/A | 40 | N/A | 5995 | N/A12 | TDD | IMD4 |
|  | n46 | N/A | 10 | N/A | 5530 | N/A12 | TDD | IMD4 |
|  | n78 | 3550 | 10 | 50 | 3550 | N/A | TDD | N/A |
|  | n102 | 6315 | 40 | 216 | 6315 | N/A | TDD | N/A |
| CA\_n48-n66-n70 | n48 | 3625 | 10 | 50 | 3625 | N/À | TDD | N/A |
|  | n66 | N/A | 5 | N/A | 2142.5 | 2.8 | FDD | IMD5 |
|  | n70 | 1702.5 | 5 | 25 | 2002.5 | N/A | FDD | N/A |
|  | n48 | 3645 | 10 | 50 | 3645 | N/À | TDD | N/A |
|  | n66 | 1762.5 | 5 | 25 | 2162.5 | N/A | FDD | N/A |
|  | n70 | N/A | 5 | N/A | 2002.5 | 3.1 | FDD | IMD5 |
| CA\_n48-n66-n71 | n48 | 3552.5 | 10 | 50 | 3552.5 | N/A | TDD | N/A |
|  | n66 | N/A | 5 | N/A | 2161.5 | 14.4 | FDD | IMD3 |
|  | n71 | 695.5 | 5 | 25 | 649.5 | N/A | FDD | N/A |
|  | n48 | N/A | 10 | N/A | 3695 | 5.2 | TDD | IMD4 |
|  | n66 | 1712.5 | 5 | 25 | 2112.5 | N/A | FDD | N/A |
|  | n71 | 665.5 | 5 | 25 | 619.5 | N/A | FDD | N/A |
| CA\_n48-n70-n71 | n48 | N/A | 10 | N/A | 3694 | 9 | TDD | IMD41 |
|  | n70 | 1697.5 | 5 | 25 | 1997.5 | N/A | FDD | N/A |
|  | n71 | 665.5 | 5 | 25 | 619.5 | N/A | FDD | N/A |
| CA\_n48-n71-n77 | n48 | N/A | N/A | N/A | N/A | N/A | FDD | N/A |
|  | n71 | N/A | N/A | N/A | N/A | N/A | FDD | N/A |
|  | n77 | N/A | N/A | N/A | N/A | N/A | FDD | IMD25 |
|  | n48 | N/A | N/A | N/A | N/A | N/A | FDD | IMD25 |
|  | n71 | N/A | N/A | N/A | N/A | N/A | FDD | N/A |
|  | n77 | N/A | N/A | N/A | N/A | N/A | FDD | N/A |
| CA\_n66-n70-n77 | n66 | 1757.5 | 5 | 25 | 2157.5 | N/A | FDD | N/A |
|  | n70 | N/A | 5 | N/A | 2007.5 | 32.1 | FDD | IMD22,1 |
|  | n77 | 3765 | 10 | 50 | 3765 | N/A | TDD | N/A |
|  | n66 | N/A | 5 | N/A | 2162.5 | 29.2 | FDD | IMD21 |
|  | n70 | 1702.5 | 5 | 25 | 2002.5 | N/A | FDD | N/A |
|  | n77 | 3865 | 10 | 50 | 3865 | N/A | TDD | N/A |
| CA\_n66-n70-n78 | n66 | 1760 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n70 | N/A | 5 | N/A | 2000 | 32.1 | FDD | IMD2 |
|  | n78 | 3760 | 10 | 50 | 3760 | N/A | TDD | N/A |
|  | n66 | 1770 | 5 | 25 | 2170 | N/A | FDD | N/A |
|  | n70 | N/A | 5 | N/A | 2000 | 9.1 | FDD | IMD4 |
|  | n78 | 3310 | 10 | 50 | 3310 | N/A | TDD | N/A |
|  | n66 | 1760 | 5 | 25 | 2160 | N/A | FDD | N/A |
|  | n70 | N/A | 5 | N/A | 2000 | 2.1 | FDD | IMD5 |
|  | n78 | 3640 | 10 | 50 | 3640 | N/A | TDD | N/A |
|  | n66 | N/A | 5 | N/A | 2160 | 5.0 | FDD | IMD5 |
|  | n70 | 1700 | 5 | 25 | 2000 | N/A | FDD | N/A |
|  | n78 | 3630 | 10 | 50 | 3630 | N/A | TDD | N/A |
| CA\_n66-n71-n77 | n66 | 1720 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n71 | 668 | 5 | 25 | 622 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 4108 | 15.9 | TDD | IMD31,2,5 |
|  | n66 | N/A | 5 | N/A | 2150 | 15.5 | FDD | IMD32 |
|  | n71 | 690 | 5 | 25 | 644 | N/A | FDD | N/A |
|  | n77 | 3530 | 10 | 50 | 3530 | N/A | TDD | N/A |
|  | n66 | 1720 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n71 | N/A | 5 | N/A | 640 | 15.3 | FDD | IMD35 |
|  | n77 | 4080 | 10 | 50 | 4080 | N/A | TDD | N/A |
| CA\_n66-n71-n78 | n66 | 1720 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n71 | 668 | 5 | 25 | 622 | N/A | FDD | N/A |
|  | n78 | N/A | 10 | N/A | 3724 | 9 | TDD | IMD41 |
|  | n66 | N/A | 5 | N/A | 2160 | 15.5 | FDD | IMD3 |
|  | n71 | 693 | 5 | 25 | 647 | N/A | FDD | N/A |
|  | n78 | 3546 | 10 | 50 | 3546 | N/A | TDD | N/A |
| CA\_n66-n77-n85 | n66 | 1720 | 5 | 25 | 2120 | N/A | FDD | N/A |
|  | n77 | 4180 | 10 | 50 | 4180 | N/A | TDD | N/A |
|  | n85 | N/A | 5 | N/A | 740 | 23.5 | FDD | IMD35 |
|  | n66 | N/A | 5 | N/A | 2124 | 21.4 | FDD | IMD3 |
|  | n77 | 3540 | 10 | 50 | 3540 | N/A | TDD | N/A |
|  | n85 | 708 | 5 | 25 | 738 | N/A | FDD | N/A |
| CA\_n70-n71-n77 | n70 | N/A | N/A | N/A | N/A | N/A | FDD | N/A |
|  | n71 | N/A | N/A | N/A | N/A | N/A | FDD | N/A |
|  | n77 | N/A | N/A | N/A | N/A | N/A | TDD | IMD35 |
|  | n70 | 1702.5 | 5 | 25 | 2002.5 | N/A | FDD | N/A |
|  | n71 | 680.5 | 5 | 25 | 834.5 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3745 | 8.2 | TDD | IMD4 |
|  | n70 | 1702.5 | 5 | 25 | 2002.5 | N/A | FDD | N/A |
|  | n71 | 680.5 | 5 | 25 | 834.5 | N/A | FDD | N/A |
|  | n77 | N/A | 10 | N/A | 3745 | 3.3 | TDD | IMD5 |
|  | n70 | N/A | N/A | N/A | N/A | N/A | FDD | IMD35 |
|  | n71 | N/A | N/A | N/A | N/A | N/A | FDD | N/A |
|  | n77 | N/A | N/A | N/A | N/A | N/A | TDD | N/A |
|  | n70 | N/A | N/A | N/A | N/A | N/A | FDD | IMD45 |
|  | n71 | N/A | N/A | N/A | N/A | N/A | FDD | N/A |
|  | n77 | N/A | N/A | N/A | N/A | N/A | TDD | N/A |
| NOTE 1: This band is subject to IMD5 also which MSD is not specified.  NOTE 2: This band is subject to IMD4 also which MSD is not specified.  NOTE 3: The requirements only apply for UEs supporting inter-band carrier aggregation with simultaneous Rx/Tx capability. Simultaneous Rx/Tx capability does not apply for UEs supporting band n78 with a n77 implementation.  NOTE 4: This band is subject to IMD3 also which MSD is not specified.  NOTE 5: For a UE which supports this band combination only when the Band n77 frequency range restriction defined in NOTE 12 of Table 5.2-1 applies, the MSD test point(s) cannot be verified for the band combination and the test point(s) can be skipped.  NOTE 6: Void.  NOTE 7: Void.  NOTE 8: Both of the transmitters shall be set min(+20 dBm, PCMAX\_L,f,c) as defined in clause 6.2A.4  NOTE 9: There is no IMD2 product in band n79 downlink for n79 operating in 4800 – 5000 MHz frequency range.  NOTE 10: This band supports intra-band non-contiguous uplink configuration.  NOTE 11: Void.  NOTE 12: This is a share spectrum access band, hence no MSD is defined.  NOTE 13: This band is also subject to a near missed IMD2 that is not specified and is not applicable for band n77 spectrum ranges of 3450-3550MHz and 3700-3980MHz. | | | | | | | | |

## **<<End of Change>>**