**3GPP TSG-RAN WG4 #** **94e-Bis R4-2003833**

**Electronic Meeting, 20 – 30 Apr., 2020**

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| *CR-Form-v11.4* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **36.101** | **CR** | **5604** | **rev** | **-** | **Current version:** | **16.5.0** |  |
|  | | | | | | | | |
| *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 | **X** | Radio Access Network |  | Core Network |  |

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|  | | | | | | | | | | |
| ***Title:*** | Introduction of Rel-16 LTE inter-band CA for 2 bands DL with 1 band UL combinations in TS36101 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Qualcomm Incorporated | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | LTE\_CA\_R16\_2BDL\_1BUL-Core | | | | |  | ***Date:*** | | | 2020-05-05 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-16 |
|  | *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-12 (Release 12)* *Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Adding approved LTE inter-band CA combinations with 2 bands DL and 1 band UL from RAN4 94e-Bis meeting. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | The apporved TPs and draft CR on LTE inter-band CA combinations with 2 bands DL and 1 band UL backet are captured:  CA\_ DL\_20A-41A  CA\_ DL\_20A-41C  CA\_ DL\_20A-41D  CA\_DL\_1A-41C\_UL\_1A\_41C  CA\_DL\_18A\_41A  CA\_DL\_18A\_41C\_UL\_18A\_41C  CA\_DL\_46A-48B\_UL\_48B  CA\_DL\_46C-48B\_UL\_48B  CA\_DL\_46D-48B\_UL\_48B  CA\_DL\_46E-48B\_UL\_48B | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Requirements for inter-band CA combinations with 2 bands DL and 1 band UL are not specified | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.6, 6.2, 7.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **x** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **x** |  | Test specifications | | | | 36.521-1 | | |
| ***(show related CRs)*** | |  | **x** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |

---Start of changes---

Table 5.6A.1-2: E-UTRA CA configurations and bandwidth combination sets defined for inter-band CA (two bands)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| E-UTRA CA configuration / Bandwidth combination set | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-UTRA CA Configuration | Uplink CA configurations (NOTE 4) | E-UTRA Bands | 1.4 MHz | | 3 MHz | | | | 5 MHz | | | | 10 MHz | | | | | | | 15 MHz | | | | | | 20 MHz | | | | Maximum aggregated bandwidth  [MHz] | Bandwidth combination set |
| CA\_1A-3A | CA\_1A-3A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 1 |
| 3 |  | | Yes | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_1A-1A-3A | - | 1 | See CA\_1A-1A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_1A-1A-7A | - | 1 | See CA\_1A-1A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_1A-1A-7C | CA\_7C | 1 | See CA\_1A-1A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 7 | See CA\_7C in Table 5.6A.1-1 of 36.101 Bandwidth combination set 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-3A-3A | CA\_1A-3A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 3 | See CA\_3A-3A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-1A-3A-3A | - | 1 | See CA\_1A-1A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 3 | See CA\_3A-3A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-3C | CA\_1A-3A, CA\_3C | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 3 | See CA\_3C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-1A-3C | CA\_3C | 1 | See CA\_1A-1A Bandwidth Combination Set 0 in the Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 3 | See CA\_3C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-5A | CA\_1A-5A | 1 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 5 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | |  | | | |
| 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 1 |
| 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_1A-1A-5A | - | 1 | See CA\_1A-1A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_1C-5A | - | 1 | See CA\_1C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_1A-7A | CA\_1A-7A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 7 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 1 |
| 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_1A-7A-7A | CA\_1A-7A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 7 | See CA\_7A-7A Bandwidth Combination Set 3 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-7A | 1 |  | | |  | | | | | | Yes | | | | | Yes | | | | | | | Yes | | | | Yes | | 60 | 1 |
| 7 | See CA\_7A-7A Bandwidth Combination Set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-7C | CA\_1A-7A, CA\_7C | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 7 | See CA\_7C Bandwidth Combination Set 2 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-7A, CA\_7C | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 1 |
| 7 | See CA\_7C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-8A | CA\_1A-8A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 1 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 1 |
| 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 2 |
| 8 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_1A-11A | CA\_1A-11A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 11 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_1A-18A | CA\_1A-18A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 35 | 0 |
| 18 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| 1 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 1 |
| 18 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_1A-19A | CA\_1A-19A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 35 | 0 |
| 19 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_1A-20A | CA\_1A-20A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_1A-21A | CA\_1A-21A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 35 | 0 |
| 21 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_1A-26A | CA\_1A-26A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 35 | 0 |
| 26 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| 1 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 1 |
| 26 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_1A-28A | CA\_1A-28A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 1 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 1 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_1A-1A-28A | - | 1 | See CA\_1A-1A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_1A-32A | - | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 32 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_1A-38A | - | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 38 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_1A-40A | - | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_1A-40C | - | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 40 | See CA\_40C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-41A | CA\_1A-41A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 1 |
| 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_1A-41A8 | - | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_1A-41C8 | CA\_1A-41C | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 41 | See CA\_41C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-41D8 | - | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 41 | See CA\_41D Bandwidth combination set 0 at Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-42A | CA\_1A-42A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 42 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_1A-42A-42A | CA\_1A-42A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 42 | See CA\_42A-42A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-42C | CA\_1A-42A,  CA\_1A-42C, CA\_42C | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 42 | See CA\_42C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-42A-42C | CA\_1A-42A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 42 | See CA\_42A-42C Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-42C-42C | CA\_1A-42A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 100 | 0 |
| 42 | See CA\_42C-42C Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-42D | CA\_1A-42A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 42 | See CA\_42D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-42E | CA\_1A-42A | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 100 | 0 |
| 42 | See CA\_42E Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-43A | - | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 35 | 0 |
| 43 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_1A-46A | - | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 1 |
| 46 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | | Yes | | | |
| CA\_1A-46C | - | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 1 |
| 46 | See CA\_46C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-46D | - | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 46 | See CA\_46D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 |  |  | | | | Yes | | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 1 |
| 46 | See CA\_46D Bandwidth combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1A-46E | - | 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 100 | 0 |
| 46 | See CA\_46E Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 100 | 1 |
| 46 | See CA\_46E Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_1C-3A | - | 1 | See CA\_1C Bandwidth combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_2A-4A | CA\_2A-4A | 2 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 2 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 1 |
| 4 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 2 |
| 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_2A-2A-4A | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_2A-4A-4A | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 4 | See CA\_4A-4A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-2A-4A-4A | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 4 | See CA\_4A-4A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-5A | CA\_2A-5A | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 2 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 1 |
| 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_2A-2A-5A | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_2A-2A-46D | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 46 | See CA\_46D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2C-5A | - | 2 | See CA\_2C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_2A-5B | CA\_2A-5A | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 5 | See CA\_5B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-2A-5B | - | 2 | See CA\_2A-2A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 5 | See CA\_5B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2C-5B | - | 2 | See CA\_2C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 5 | See CA\_5B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-2A-7A | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_2A-7A | CA\_2A-7A | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_2A-7A-7A | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 7 | See the CA\_7A-7A Bandwidth combination set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-7C | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 7 | See the CA\_7C Bandwidth combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-12A | CA\_2A-12A | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 1 |
| 12 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 2 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 2 |
| 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_2A-2A-12A | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_2A-12A-12A | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 12 | See CA\_12A-12A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-2A-12A-12A | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 12 | See CA\_12A-12A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-12B | CA\_2A-12A | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 35 | 0 |
| 12 | See CA\_12B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-2A-12B | - | 2 | See CA\_2A-2A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 0 |
| 12 | See CA\_12B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2C-12A | - | 2 | See CA\_2C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_2A-13A | CA\_2A-13A | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 13 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | |  | | | |
| 2 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 1 |
| 13 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | |  | | | |
| 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 2 |
| 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_2A-2A-13A | CA\_2A-13A | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 13 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_2A-14A | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 14 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_2A-2A-14A | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 14 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_2A-17A | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 17 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_2A-26A | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 35 | 0 |
| 26 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_2A-28A | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_2A-29A | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 29 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 2 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 1 |
| 29 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 2 |
| 29 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_2A-2A-29A | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 29 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_2C-29A | - | 2 | See CA\_2C Bandwidth Combination Set 0 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 29 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_2A-30A | CA\_2A-30A | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 30 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_2A-2A-30A | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 30 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_2C-30A | - | 2 | See CA\_2C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 30 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_2A-46A | CA\_2A-46A | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_2A-2A-46A | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_2A-46A-46C | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 46 | See CA\_46A-46C Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-46C | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-2A-46C | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-46D | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 46 | See CA\_46D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-46E | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 100 | 0 |
| 46 | See CA\_46E Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-46A-46A | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 46 | See CA\_46A-46A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-46A-46D | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 100 | 0 |
| 46 | See CA\_46A-46D Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-48A | CA\_2A-48A | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 48 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_2A-48A-48A | CA\_2A-48A | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 48 | See CA\_48A-48A Bandwidth combination set 0 in the Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-48C | CA\_2A-48A,  CA\_48C | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 48 | See CA\_48C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-48A-48C | CA\_2A-48A | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 48 | See the CA\_48A-48C Bandwidth combination set 0 in the Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-48A-48D | CA\_2A-48A | 2 |  | |  | | | | | | Yes | | | Yes | | | | | | | Yes | | | | | Yes | | | | 100 | 0 |
| 48 | See CA\_48A-48D Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-48C-48C | CA\_2A-48A | 2 |  | |  | | | | | | Yes | | | Yes | | | | | | | Yes | | | | | Yes | | | | 100 | 0 |
| 48 | See CA\_48C-48C Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-48D | CA\_2A-48A | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 48 | See the CA\_48D Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-48E | CA\_2A-48A | 2 |  | |  | | Yes | | | | | | | | | | | | Yes | | | | | | Yes | | | Yes | | 100 | 0 |
| 48 | See CA\_48E Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-49A | CA\_2A-49A | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 49 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | | Yes | | | |
| CA\_2A-66A | CA\_2A-66A | 2 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 2 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 1 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 2 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_2A-66B | CA\_66B | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 66 | See CA\_66B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-66C | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 66 | See CA\_66C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-66D | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 66 | See CA\_66D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-2A-66A | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_2A-2A-66A-66A | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 | See CA\_66A-66A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-2A-66A-66B | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 | See CA\_66A-66B Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-2A-66A-66C | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 66 | See CA\_66A-66C Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-66A-66A | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 66 | See CA\_66A-66A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-66A-66A-66A | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 66 | See CA\_66A-66A-66A Bandwidth Combination Set 0 in Table 5.6A.1-4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-66A-66B | CA\_66B | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 66 | See CA\_66A-66B Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-66A-66C |  | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 66 | See CA\_66A-66C Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-2A-66B | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 66 | See CA\_66B Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-2A-66C | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 | See CA\_66C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-2A-66D |  | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 66 | See CA\_66D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2C-66A | - | 2 | See CA\_2C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_2C-66A-66A |  | 2 | See CA\_2C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 | See CA\_66A-66A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_2A-71A | - | 2 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 71 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 2 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 1 |
| 71 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_2A-2A-71A | - | 2 | See CA\_2A-2A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 71 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3A-5A | CA\_3A-5A | 3 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 3 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 1 |
| 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 2 |
| 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 3 |
| 5 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 3 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 4 |
| 5 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_3A-3A-5A | - | 3 | See CA\_3A-3A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_3C-5A | - | 3 | See CA\_3C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_3A-7A | CA\_3A-7A | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 7 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 1 |
| 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3A-3A-7A | CA\_3A-7A | 3 | See CA\_3A-3A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 3 | See CA\_3A-3A Bandwidth Combination Set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 1 |
| 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3A-3A-7A-7A | CA\_3A-7A | 3 | See CA\_3A-3A Bandwidth Combination Set 0 in table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 7 | See CA\_7A-7A Bandwidth Combination Set 1 in table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | See CA\_3A-3A Bandwidth Combination Set 1 in table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 1 |
| 7 | See CA\_7A-7A Bandwidth Combination Set 2 in table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-3A-7C | 7C | 3 | See CA\_3A-3A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 7 | See CA\_7C in Table 5.6A.1-1 of 36.101 Bandwidth combination set 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-3A-42D | CA\_3A-42A | 3 | See CA\_3A-3A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 42 | See CA\_42D Bandwidth Combination Set 0 in Table 5.6A.1-1: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-7A-7A | CA\_3A-7A | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 7 | See CA\_7A-7A Bandwidth combination set 1 in table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 50 | 1 |
| 7 | See CA\_7A-7A Bandwidth combination set 2 in table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-7B | - | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 7 | See CA\_7B bandwidth combination set 0 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-7C | CA\_3A-7A  CA\_7C | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 7 | See CA\_7C Bandwidth combination set 1 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 1 |
| 7 | See CA\_7C Bandwidth combination set 2 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3C-7A | CA\_3A-7A  CA\_3C | 3 | See CA\_3C Bandwidth Combination Set 0 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3C-7C | CA\_3A-7A, CA\_3C, CA\_7C | 3 | See CA\_3C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 7 | See CA\_7C Bandwidth Combination Set 2 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | See CA\_3C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 1 |
| 7 | See CA\_7C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-8A | CA\_3A-8A | 3 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 3 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 1 |
| 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 2 |
| 8 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 3 |
| 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_3A-3A-8A | CA\_3A-8A | 3 | See CA\_3A-3A Bandwidth Combination Set 0 in table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 3 | See CA\_3A-3A Bandwidth Combination Set 1 in table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 1 |
| 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_3C-8A | CA\_3A-8A, CA\_3C | 3 | See CA\_3C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 8 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_3A-11A | CA\_3A-11A | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 11 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_3A-18A | CA\_3A-18A | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 35 | 0 |
| 18 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_3A-19A | CA\_3A-19A | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 35 | 0 |
| 19 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_3A-3A-19A | CA\_3A-19A | 3 | See CA\_3A-3A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 0 |
| 19 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_3A-20A | CA\_3A-20A | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 20 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 1 |
| 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3A-3A-20A | - | 3 | See CA\_3A-3A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3C-20A | - | 3 | See CA\_3C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3A-21A | CA\_3A-21A | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 35 | 0 |
| 21 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_3A-3A-21A | CA\_3A-21A | 3 | See CA\_3A-3A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 0 |
| 21 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_3A-26A | CA\_3A-26A | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 35 | 0 |
| 26 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| 3 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 1 |
| 26 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_3A-27A | - | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 27 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_3A-28A | CA\_3A-28A | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
|  | 3 |  | | Yes | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 1 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3A-3A-28A | - | 3 | See CA\_3A-3A Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 28 |  | |  | | | | | Yes | | | | | | | Yes | | | | | | | | Yes | | | Yes | |
| CA\_3C-28A | CA\_3C | 3 | See CA\_3C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3A-31A | - | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 25 | 0 |
| 31 |  | | Yes | | | | Yes | | | |  | | | | | | |  | | | | | |  | | | |
| CA\_3A-32A | - | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 32 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3C-32A | - | 3 | See the CA\_3C Bandwidth combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 32 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3A-38A | - | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 38 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3C-38A | - | 3 | See CA\_3C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 38 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3A-40A | CA\_3A-40A | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 3 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 1 |
| 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3A-40A-40A | - | 3 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 40 | See CA\_40A-40A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-40C | - | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 40 | See CA\_40C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-40D | - | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 40 | See CA\_40D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-40E | - | 3 |  | | |  | | | | | | Yes | | | | Yes | | | | | | | | Yes | | | Yes | | | 100 | 0 |
| 40 | See CA\_40E Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3C-40A | - | 3 | See CA\_3C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3C-40C | - | 3 | See CA\_3C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 40 | See CA\_40C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-41A | CA\_3A-41A | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 3 |  | | Yes | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 1 |
| 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3A-3A-41A | - | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3A-41C | CA\_3A-41A, CA\_3A-41C, CA\_41C | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 41 | See CA\_41C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-41D | CA\_3A-41A, CA\_41C | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 41 | See CA\_41D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3C-41A | - | 3 | See CA\_3C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3C-41C | - | 3 | See CA\_3C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 41 | See CA\_41C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3C-41D | - | 3 | See CA\_3C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 41 | See CA\_41D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-42A | CA\_3A-42A | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 42 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3A-3A-42A | CA\_3A-42A | 3 | See CA\_3A-3A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 42 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3A-42C | CA\_3A-42A, CA\_42C  CA\_3A-42C | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 42 | See CA\_42C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-42D | CA\_3A-42A | 3 |  | | |  | | | | | | Yes | | | | Yes | | | | | | | Yes | | | | Yes | | | 80 | 0 |
| 42 | See CA\_42D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-3A-42C | CA\_3A-42A | 3 | See CA\_3A-3A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 42 | See CA\_42C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-42A-42A | CA\_3A-42A | 3 |  | | |  | | | | | | Yes | | | | | Yes | | | | | | | Yes | | | | Yes | | 60 | 0 |
| 42 | See CA\_42A-42A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-42A-42C | CA\_3A-42A,  CA\_42C | 3 |  | | |  | | | | | | Yes | | | | Yes | | | | | | | Yes | | | | Yes | | | 80 | 0 |
| 42 | See CA\_42A-42C Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-42C-42C | CA\_3A-42A, CA\_42C | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 100 | 0 |
| 42 | See CA\_42C-42C Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-42E | CA\_3A-42A | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 100 | 0 |
| 42 | See CA\_42E Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-43A | - | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 35 | 0 |
| 43 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_3A-46A | - | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| 3 |  | | Yes | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 1 |
| 46 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | | Yes | | | |
| CA\_3A-46C | - | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | 3 |  | | Yes | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 1 |
| 46 | See CA\_46C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-46D | - | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 46 | See CA\_46D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 |  | | Yes | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 1 |
| 46 | See CA\_46D Bandwidth combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-46E | - | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 100 | 0 |
| 46 | See CA\_46E Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 100 | 1 |
| 46 | See CA\_46E Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-3A-46A |  | 3 | See CA\_3A-3A Bandwidth Combination Set 0 in table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_3A-3A-46C | - | 3 | See CA\_3A-3A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3C-46A | - | 3 | See CA\_3C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_3C-46C | - | 3 | See CA\_3C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 46 | See CA\_46C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3C-46D | - | 3 | See CA\_3C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 46 | See CA\_46D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_3A-69A | - | 3 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 69 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_4A-5A | CA\_4A-5A | 4 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 1 |
| 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_4A-4A-5A | - | 4 | See CA\_4A-4A Bandwidth Combination Set 0 in table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_4A-5B | CA\_5B | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 5 | See CA\_5B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_4A-4A-5B | CA\_4A-5A,  CA\_5B | 4 | See CA\_4A-4A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 5 | See CA\_5B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_4A-7A | CA\_4A-7A | 4 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 1 |
| 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_4A-4A-7A | - | 4 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 40 | 0 |
| 4 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 1 |
| 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_4A-7A-7A | - | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 7 | See the CA\_7A-7A Bandwidth combination set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_4A-7C | CA\_4A-7A | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 7 | See CA\_7C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_4A-12A | CA\_4A-12A | 4 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 4 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 1 |
| 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 2 |
| 12 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 4 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 3 |
| 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 4 |
| 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 20 | 5 |
| 12 |  | |  | | | | Yes | | | |  | | | | | | |  | | | | | |  | | | |
| CA\_4A-4A-12A | - | 4 | See CA\_4A-4A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_4A-12A-12A | - | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 12 | See CA\_12A-12A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_4A-4A-12A-12A | - | 4 | See CA\_4A-4A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 12 | See CA\_12A-12A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_4A-4A-12B | - | 4 | See CA\_4A-4A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 0 |
| 12 | See CA\_12B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_4A-12B | CA\_4A-12A | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 35 | 0 |
| 12 | See CA\_12B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_4A-13A | CA\_4A-13A | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 13 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | |  | | | |
| 4 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 1 |
| 13 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_4A-4A-13A | - | 4 | See CA\_4A-4A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 13 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_4A-17A | CA\_4A-17A | 4 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 17 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_4A-27A | - | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 27 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_4A-28A | CA\_4A-28A | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_4A-29A | - | 4 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 29 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 4 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 1 |
| 29 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 2 |
| 29 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_4A-4A-29A | - | 4 | See CA\_4A-4A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 29 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_4A-30A | - | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 30 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_4A-4A-30A | - | 4 | See CA\_4A-4A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 30 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_4A-46A | - | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_4A-46A-46A | - | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 46 | See CA\_46A-46A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_4A-46A-46C | - | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 46 | See CA\_46A-46C Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_4A-46C | - | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_4A-46D | - | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 46 | See CA\_46D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_4A-46A-46D | - | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 100 | 0 |
| 46 | See CA\_46A-46D Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_4A-48A | - | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 48 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_4A-48C | - | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 48 | See CA\_48C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_4A-48D | - | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 48 | See CA\_48D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_4A-48E | - | 4 |  | | |  | | | | | | Yes | | | | | Yes | | | | | | | Yes | | | | Yes | | 100 | 0 |
| 48 | See CA\_48E Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_4A-71A | - | 4 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 71 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_4A-4A-71A | - | 4 | See CA\_4A-4A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 71 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_5A-7A | CA\_5A-7A | 5 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 7 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 1 |
| 7 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_5A-7A-7A | CA\_5A-7A | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 7 | See CA\_7A-7A Bandwidth Combination Set 3 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-7C | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 7 | See CA\_7C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-12A | CA\_5A-12A | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_5A-12A-12A | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 12 | See CA\_12A-12A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-12B | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 25 | 0 |
| 12 | See CA\_12B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-13A | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 13 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_5A-17A | CA\_5A-17A | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 17 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_5A-25A | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 25 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_5A-28A | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_5A-29A | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 29 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_5A-30A | CA\_5A-30A | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 30 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_5B-30A | - | 5 | See CA\_5B Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | 0 |
| 30 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_5A-38A | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 38 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_5A-40A | CA\_5A-40A | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 5 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 1 |
| 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_5A-5A-40A | - | 5 | See CA\_5A-5A Bandwidth Combination Set 0 in table 6.140.2-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 0 |
| 40 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | | Yes | | | |
| CA\_5A-40A-40A | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 40 | See CA\_40A-40A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-40C | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 40 | See CA\_40C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 1 |
| 40 | See CA\_40C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-41A | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 41 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_5A-46A | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| 5 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 1 |
| 46 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | | Yes | | | |
| CA\_5A-46C | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 1 |
| 46 | See CA\_46C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-46D | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 70 | 0 |
| 46 | See CA\_46D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 70 | 1 |
| 46 | See CA\_46D Bandwidth combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-46E | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 90 | 0 |
| 46 | See CA\_46E of Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 90 | 1 |
| 46 | See CA\_46E of Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5B-46A | - | 5 | See CA\_5B Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_5B-46C | - | 5 | See CA\_5B Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 46 | See CA\_46C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5B-46D | - | 5 | See CA\_5B Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 46 | See CA\_46D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5B-46E | - | 5 | See CA\_5B Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 46 | See CA\_46E Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-48A | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 48 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_5A-48C | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 48 | See CA\_48C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-48D | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 70 | 0 |
| 48 | See CA\_48D Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-66A | CA\_5A-66A | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_5A-5A-66A | CA\_5A-66A | 5 | See CA\_5A-5A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_5A-5A-66A-66A | CA\_5A-66A | 5 | See CA\_5A-5A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 66 | See CA\_66A-66A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-5A-66A-66B | CA\_5A-66A, CA\_66B | 5 | See CA\_5A-5A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 66 | See CA\_66A-66B Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-5A-66A-66C | CA\_5A-66A | 5 | See CA\_5A-5A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 | See CA\_66A-66C Bandwidth Combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-5A-66B | CA\_5A-66A, CA\_66B | 5 | See CA\_5A-5A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 0 |
| 66 | See CA\_66B Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-5A-66C | CA\_5A-66A | 5 | See CA\_5A-5A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 66 | See CA\_66C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-5A-66D | CA\_5A-66A | 5 | See CA\_5A-5A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 | See CA\_66D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-66A-66A | CA\_5A-66A | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 66 | See CA\_66A-66A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-66A-66C | CA\_5A-66A | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 70 | 0 |
| 66 | See CA\_66A-66C Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-66B | CA\_66B | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 66 | See CA\_66B Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-66C | - | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 66 | See CA\_66C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-66D |  | 5 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 70 | 0 |
| 66 | See CA\_66D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5B-66A | CA\_5B | 5 | See CA\_5B Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_5B-66A-66A |  | 5 | See CA\_5B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 66 | See CA\_66A-66A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5A-66A-66B | CA\_66B | 5 |  | | |  | | | | | | Yes | | Yes | | | | | |  | | | | | |  | | | | 50 | 0 |
| 66 | See CA\_66A-66B Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5B-66A-66B | - | 5 | See CA\_5B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 66 | See CA\_66A-66B Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5B-66A-66C | - | 5 | See CA\_5B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 | See CA\_66A-66C Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5B-66B | CA\_5B,  CA\_66B | 5 | See CA\_5B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 0 |
| 66 | See CA\_66B Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_5B-66C |  | 5 | See CA\_5B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 66 | See CA\_66C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_7A-8A | CA\_7A-8A | 7 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 8 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 7 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 1 |
| 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 2 |
| 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_7A-7A-8A | CA\_7A-8A | 7 | See CA\_7A-7A Bandwidth Combination Set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 7 | See CA\_7A-7A Bandwidth Combination Set 2 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 1 |
| 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_7A-12A | - | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_7A-12B | - | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 35 | 0 |
| 12 | See CA\_12B Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_7A-13A | - | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_7C-13A | - | 7 | See CA\_7C Bandwidth combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_7A-7A-13A | - | 7 | See CA\_7A-7A Bandwidth combination set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_7A-20A | CA\_7A-20A | 7 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 20 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 7 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 1 |
| 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 2 |
| 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_7A-7A-20A | - | 7 | See CA\_7A-7A Bandwidth Combination Set 3 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_7C-20A | - | 7 | See CA\_7C Bandwidth Combination Set 1 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_7A-22A | - | 7 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 22 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_7A-26A | CA\_7A-26A | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 35 | 0 |
| 26 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_7A-7A-26A | CA\_7A-26A | 7 | See CA\_7A-7A bandwidth combination set 3 in table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 0 |
| 26 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_7A-28A | CA\_7A-28A | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 35 | 0 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 1 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_7A-7A-28A | - | 7 | See CA\_7A-7A Bandwidth combination set 3 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 28 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_7B-28A | - | 7 | See CA\_7B bandwidth combination set 0 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 0 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_7C-28A | CA\_7A-28A  CA\_7C | 7 | See CA\_7C bandwidth combination set 2 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 7 | See CA\_7C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 1 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_7A-29A | - | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 29 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_7A-7A-29A | - | **7** | See CA\_7A-7A Bandwidth combination set 1 in table 5.6A.1-3 of 36.101 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 29 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_7C-29A | - | **7** | See CA\_7C Bandwidth combination set 2 in table 5.6A.1-1 of 36.101 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 0 |
| 29 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_7A-30A | - | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 30 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_7A-32A | - | 7 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 32 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_7A-40A | - | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_7A-40C | - | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 40 | See CA\_40C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_7A-40D | - | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 40 | See CA\_40D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_7A-40E | - | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 100 | 0 |
| 40 | See CA\_40E Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_7A-42A | - | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 42 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_7A-42A-42A | - | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 42 | See CA\_42A-42A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_7A-46A | - | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 1 |
| 46 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | | Yes | | | |
| CA\_7A-7A-46C | - | 7 | See CA\_7A-7A Bandwidth Combination Set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_7A-46C | - | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 1 |
| 46 | See CA\_46C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_7A-46D | - | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 46 | See CA\_46D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 1 |
| 46 | See CA\_46D Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_7A-46E | - | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 100 | 0 |
| 46 | See CA\_46E Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_7A-7A-46E | - | 7 | See CA\_7A-7A Bandwidth combination set 1 in table 5.6A.1-3 of 36.101 | | | | | | | | | | | | | | | | | | | | | | | | | | | 120 | 0 |
| 46 | See CA\_46E Bandwidth combination set 0 in table 5.6A.1-3 of 36.101 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_7C-46C | - | 7 | See CA\_7C Bandwidth Combination Set 2 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_7C-46D | - | 7 | See CA\_7C Bandwidth Combination Set 2 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 46 | See CA\_46D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_7C-46E | - | 7 | See CA\_7C Bandwidth Combination Set 2 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 120 | 0 |
| 46 | See CA\_46E Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_7A-7A-46A | - | 7 | See CA\_7A-7A Bandwidth Combination Set 1 in table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_7A-7A-46D | - | 7 | See CA\_7A-7A Bandwidth Combination Set 1 in table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 46 | See CA\_46D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_7A-66A | - | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_7A-7A-66A-66A | - | 7 | See CA\_7A-7A Bandwidth combination set 1 in table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 | See CA\_66A-66A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_7C-66A | - | 7 | See CA\_7C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_7C-46A | - | 7 | See CA\_7C Bandwidth Combination set 2 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_7A-7A-66A | - | 7 | See CA\_7A-7A Bandwidth combination set 1 in table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_7A-66A-66A | - | 7 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 66 | See CA\_66A-66A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_7C-66A-66A | - | 7 | See CA\_7C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 | See CA\_66A-66A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_8A-11A | - | 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 11 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_8A-20A | - | 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 20 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 8 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 1 |
| 20 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 2 |
| 20 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_8A-27A | - | 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 27 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_8A-28A | - | 8 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_8A-32A | - | 8 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 32 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_8A-38A | - | 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 38 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_8A-39A | CA\_8A-39A | 8 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 39 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_8A-39C | - | 8 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 45 | 0 |
| 39 | See CA\_39C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_8B-39A | - | 8 | See CA\_8B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 0 |
| 39 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_8B-39C | - | 8 | See CA\_8B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 0 |
| 39 | See CA\_39C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_8A-40A | - | 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| - | 8 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 1 |
| 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_8A-40C | - | 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 40 | See CA\_40C Bandwidth combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_8A-41A | CA\_8A-41A | 8 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 41 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | | Yes | | | |
| 8 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 1 |
| 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_8A-41C | - | 8 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 41 | See CA\_41C bandwidth combination set 3 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_8A-41D | - | 8 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 70 | 0 |
| 41 | See CA\_41D bandwidth combination set 0 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_8B-41A | - | 8 | See CA\_8B Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 0 |
| 41 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_8B-41C | - | 8 | See CA\_8B bandwidth combination set 0 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 41 | See CA\_41C bandwidth combination set 3 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_8B-41D | - | 8 | See CA\_8B bandwidth combination set 0 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 41 | See CA\_41D bandwidth combination set 0 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_8A-42A | - | 8 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 42 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_8A-42C | - | 8 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 42 | See CA\_42C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_8A-46A | - | 8 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_8A-46C | - | 8 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_8A-46D | - | 8 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 70 | 0 |
| 46 | See CA\_46D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_8A-46E | - | 8 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 90 | 0 |
| 46 | See CA\_46E Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_8B-46A | - | 8 | See CA\_8B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 0 |
| 46 |  | | |  | | | | | |  | |  | | | | | |  | | | | | | Yes | | | |
| CA\_8B-46C | - | 8 | See CA\_8B bandwidth combination set 0 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_8B-46D | - | 8 | See CA\_8B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 46 | See CA\_46D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_11A-18A | CA\_11A-18A | 11 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 25 | 0 |
| 18 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_11A-26A | CA\_11A-26A | 11 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 25 | 0 |
| 26 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_11A-28A | - | 11 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_11A-41A | - | 11 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_11A-41C | - | 11 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 41 | See CA\_41C bandwidth combination set 0 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_11A-42A | - | 11 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 42 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_11A-42C | - | 11 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 42 | See CA\_42C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_11A-46A | - | 11 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_11A-46C | - | 11 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_11A-46D | - | 11 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 70 | 0 |
| 46 | See CA\_46D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_11A-46E | - | 11 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 90 | 0 |
| 46 | See CA\_46E Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_12A-25A | - | 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 25 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_12A-30A | CA\_12A-30A | 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 30 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_12A-46A | - | 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_12A-48A |  | 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| **48** |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_12A-46C | - | 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_12A-46D | - | 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 70 | 0 |
| 46 | See CA\_46D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_12A-46E | - | 12 |  | |  | | | | | | Yes | | | Yes | | | | | | |  | | | | |  | | | | 90 | 0 |
| 46 | See CA\_46E Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_12A-48C | - | 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 48 | See CA\_48C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_12A-48D | - | 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 70 | 0 |
| 48 | See CA\_48D Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_12A-48E | - | 12 |  | | |  | | | | | | Yes | | | | | Yes | | | | | | |  | | | |  | | 90 | 0 |
| 48 | See CA\_48E Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_12A-66A | CA\_12A-66A | 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 66 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 1 |
| 66 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 12 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 2 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 3 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 4 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 12 |  | |  | | | | Yes | | | |  | | | | | | |  | | | | | |  | | | | 20 | 5 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_12A-66A-66A | - | 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 66 | See CA\_66A-66A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_12A-66C | - | 12 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 66 | See CA\_66C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_12B-66A | - | 12 | See CA\_12B bandwidth combination set 0 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_12B-66A-66A | - | 12 | See CA\_12B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 0 |
| 66 | See CA\_66A-66A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-46A | - | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_13A-46A-46A | - | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 46 | See CA\_46A-46A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-46A-46C | - | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 70 | 0 |
| 46 | See CA\_46A-46C Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-46A-46D | - | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 90 | 0 |
| 46 | See CA\_46A-46D Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-46C | - | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-46D | - | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 70 | 0 |
| 46 | See CA\_46D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-46E | - | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 90 | 0 |
| 46 | See CA\_46E Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-48A | - | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 48 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_13A-48A-48A | - | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 48 | See CA\_48A-48A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-48A-48C | - | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 70 | 0 |
| 48 | See the CA\_48A-48C Bandwidth combination set 0 in the Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-48A-48D | - | 13 |  | |  | | | | | | Yes | | | Yes | | | | | | |  | | | | |  | | | | 90 | 0 |
| 48 | See CA\_48A-48D Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-48C-48C | - | 13 |  | |  | | Yes | | | | | | | | | | | | Yes | | | | | |  | | |  | | 90 | 0 |
| 48 | See CA\_48C-48C Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-48C | - | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 48 | See CA\_48C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-48D | - | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 70 | 0 |
| 48 | See the CA\_48D Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-48E | - | 13 |  | |  | | Yes | | | | | | | | | | | | Yes | | | | | |  | | |  | | 90 | 0 |
| 48 | See CA\_48E Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-66A | CA\_13A-66A | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_13A-66A-66A | CA\_13A-66A | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 66 | See CA\_66A-66A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-66A-66B | - | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 66 | See CA\_66A-66B Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-66A-66C | - | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 70 | 0 |
| 66 | See CA\_66A-66C Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-66B | CA\_13A-66A | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 66 | See CA\_66B Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-66C | CA\_13A-66A | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 66 | See CA\_66C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_13A-66D | - | 13 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 70 | 0 |
| 66 | See CA\_66D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_14A-30A | CA\_14A-30A | 14 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 30 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_14A-66A | CA\_14A-66A | 14 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_14A-66A-66A | - | 14 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 66 | See CA\_66A-66A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_14A-66A-66A-66A | - | 14 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 70 | 0 |
| 66 | See CA\_66A-66A-66A Bandwidth Combination Set 0 in Table 5.6A.1-4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_18A-28A | CA\_18A-28A | 18 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 25 | 0 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_18A-41A | - | 18 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 35 | 0 |
| 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_18C-41C | CA\_18C-41C | 18 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 55 | 0 |
| 41 | See CA\_41C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_18A-42A | - | 18 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 35 | 0 |
| 42 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_18A-42C | - | 18 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 55 | 0 |
| 42 | See the CA\_42C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_19A-21A | CA\_19A-21A | 19 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 30 | 0 |
| 21 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_19A-28A | - | 19 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 25 | 0 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_19A-42A | CA\_19A-42A | 19 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 35 | 0 |
| 42 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_19A-42C | CA\_19A-42A | 19 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 55 | 0 |
| 42 | See CA\_42C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_19A-42D | - | 19 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 75 | 0 |
| 42 | See CA\_42D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_19A-46A | - | 19 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 35 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_19A-46C | - | 19 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 55 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_19A-46D | - | 19 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 75 | 0 |
| 46 | See CA\_46D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_19A-46E | - | 19 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 95 | 0 |
| 46 | See CA\_46E Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_20A-28A7 | - | 20 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_20A-31A | - | 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 25 | 0 |
| 31 |  | | Yes | | | | Yes | | | |  | | | | | | |  | | | | | |  | | | |
| CA\_20A-32A | - | 20 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 32 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 1 |
| 32 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_20A-38A | - | 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 38 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_20A-38C | - | 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 38 | See CA\_38C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_20A-40A | - | 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 35 | 1 |
| 40 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_20A-40A-40A | - | 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 55 | 0 |
| 40 | See CA\_40A-40A Bandwidth Combination Set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_20A-40C | - | 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 55 | 0 |
| 40 | See CA\_40C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_20A-40D | - | 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 75 | 0 |
| 40 | See CA\_40D Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_20A-41A | - | 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_20A-41C | - | 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 41 | See CA\_41C in Table 5.6A.1-1 of 36.101 Bandwidth combination set 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_20A-41D | - | 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 41 | See CA\_41D in Table 5.6A.1-1 of 36.101 Bandwidth combination set 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_20A-42A | - | 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 42 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_20A-42A-42A | - | 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 42 | See CA\_42A-42A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_20A-43A | - | 20 |  | |  | | | | Yes | | | |  | | | | | | |  | | | | | |  | | | | 25 | 0 |
| 43 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_20A-67A | - | 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 67 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_20A-75A | - | 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 75 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_20A-76A | - | 20 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 25 | 0 |
| 76 |  | |  | | | | Yes | | | |  | | | | | | |  | | | | | |  | | | |
| CA\_21A-28A | CA\_21A-28A | 21 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 25 | 0 |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_21A-42A | CA\_21A-42A | 21 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 35 | 0 |
| 42 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_21A-42C | CA\_21A-42A | 21 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 55 | 0 |
| 42 | See CA\_42C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_21A-42D | - | 21 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 75 | 0 |
| 42 | See CA\_42D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_21A-42E | - | 21 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 95 | 0 |
| 42 | See CA\_42E Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_21A-46A | - | 21 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 35 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_21A-46C | - | 21 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 55 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_21A-46D | - | 21 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 75 | 0 |
| 46 | See CA\_46D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_21A-46E | - | 21 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 95 | 0 |
| 46 | See CA\_46E Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_23A-29A | - | 23 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 30 | 0 |
| 29 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 23 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 1 |
| 29 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_25A-26A | CA\_25A-26A | 25 |  | | Yes | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 35 | 0 |
| 26 | Yes | | Yes | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| 25 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 1 |
| 26 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| 25 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 2 |
| 26 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_25A-25A-26A | CA\_25A-26A | 25 | See CA\_25A-25A Bandwidth Combination Set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 45 | 0 |
| 26 |  | | Yes | | | | Yes | | | |  | | | | | | |  | | | | | |  | | | |
| CA\_25A-41A | CA\_25A-41A | 25 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_25A-25A-41A | CA\_25A-41A | 25 | See CA\_25A-25A Bandwidth Combination Set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_25A-41C | CA\_25A-41A | 25 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 41 | See CA\_41C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_25A-25A-41C | CA\_25A-41A | 25 | See CA\_25A-25A Bandwidth Combination Set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 41 | See CA\_41C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_25A-41D | CA\_25A-41A | 25 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 41 | See CA\_41D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_25A-25A-41D | CA\_25A-41A | 25 | See CA\_25A-25A Bandwidth Combination Set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 41 | See CA\_41D bandwidth combination set 0 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_25A-41E | CA\_25A-41A | 25 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 100 | 0 |
| 41 | See CA\_41E Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_25A-25A-41E | CA\_25A-41A | 25 | See CA\_25A-25A Bandwidth Combination Set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 120 | 0 |
| 41 | See CA\_41E bandwidth combination set 0 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_25A-41F | CA\_25A-41A | 25 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 120 | 0 |
| 41 | See CA\_41F Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_25A-25A-41F | CA\_25A-41A | 25 | See CA\_25A-25A Bandwidth Combination Set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 140 | 0 |
| 41 | See CA\_41F bandwidth combination set 0 in table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_25A-46A | - | 25 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 46 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | | Yes | | | |
| CA\_25A-46C | - | 25 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 46 | See CA\_46C Bandwidth combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_25A-46D | - | 25 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 46 | See CA\_46D Bandwidth combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_26A-41A | - | 26 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 35 | 0 |
| 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_26A-41C | - | 26 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 55 | 0 |
| 41 | See CA\_41C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_26A-46A | CA\_26A-46A | 26 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_26A-48A | CA\_26A-48A | 26 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 48 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_26A-48C | CA\_26A-48A | 26 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 48 | See CA\_48C Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_26A-48A-48A | CA\_26A-48A | 26 |  | | Yes | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 48 | See CA\_48A-48A Bandwidth combination set 0 in the Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ca\_26A-66A | - | 26 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 35 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_28A-32A | - | 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 32 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_28A-38A |  | 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 38 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_28A-40A | - | 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_28A-40C | - | 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 40 | See CA\_40C Bandwidth Combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_28A-40D | - | 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 40 | See CA\_40D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_28A-41A | CA\_28A-41A | 28 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 1 |
| 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_28A-41C |  | 28 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 41 | See CA\_41C Bandwidth Combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_28A-42A | CA\_28A-42A | 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 42 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_28A-42C | CA\_28A-42A, CA\_42C | 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 42 | See CA\_42C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_28A-42A-42A | - | 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 42 | See CA\_42A-42A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_28A-42D | - | 28 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 70 | 0 |
| 42 | See CA\_42D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_28A-42A-42C | CA\_42C | 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 42 | See CA\_42A-42C Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_28A-42C-42C | CA\_42C | 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 100 | 0 |
| 42 | See CA\_42C-42C Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_28A-46A | - | 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 46 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | | Yes | | | |
| CA\_28A-46C | - | 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 46 | See CA\_46C Bandwidth Combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_28A-46D | - | 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 46 | See CA\_46D Bandwidth combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_28A-46E | - | 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 100 | 0 |
| 46 | See CA\_46E Bandwidth Combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_28A-66A | - | 28 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_29A-30A | - | 29 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 20 | 0 |
| 30 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | |
| CA\_29A-66A | - | 29 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_29A-66C |  | 29 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 66 | See CA\_66C Bandwidth Combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_29A-66A-66A |  | 29 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 66 | See CA\_66A-66A Bandwidth Combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_29A-70A | - | 29 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 25 | 0 |
| 70 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_29A-70C | - | 29 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 35 | 0 |
| 70 | See CA\_70C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_30A-66A | CA\_30A-66A | 30 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 30 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_30A-66A-66A |  | 30 |  | |  | | | | Yes | | | | Yes | | | | | | |  | | | | | |  | | | | 50 | 0 |
| 66 | See CA\_66A-66A Bandwidth Combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_32A-42A | - | 32 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
|  | 42 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_32A-43A | - | 32 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
|  | 43 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_34A-39A |  | 34 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 35 | 0 |
| 39 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_34A-41A |  | 34 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 35 | 0 |
| 41 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_38A-40A | - | 38 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | | Yes | | | | 40 | 0 |
| 40 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | | Yes | | | |
| 38 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 1 |
| 40 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_38A-40A-40A | - | 38 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | | Yes | | | | 60 | 0 |
| 40 | See CA\_40A-40A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 |  | | |  | | | | | |  | | | | Yes | | | | | | | Yes | | | | Yes | | | 60 | 1 |
| 40 | See CA\_40A-40A Bandwidth Combination Set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_38A-40C | - | 38 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | | Yes | | | | 60 | 0 |
| 40 | See CA\_40C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 1 |
| 40 | See CA\_40C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_38A-40D | - | 38 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 40 | See CA\_40D Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_39A-40A | - | 39 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_39A-40C | - | 39 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 40 | See CA\_40C Bandwidth Combination Set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_39A-40D | - | 39 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 40 | See CA\_40D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_39A-40E | - | 39 |  | | |  | | | | | | Yes | | | | Yes | | | | | | | Yes | | | | Yes | | | 100 | 0 |
| 40 | See the CA\_40E Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_39C-40A | - | 39 | See CA\_39C Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 0 |
| 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_39C-40C | - | 39 | See CA\_39C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 75 | 0 |
| 40 | See CA\_40C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_39C-40D | - | 39 | See the CA\_39C Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 95 | 0 |
| 40 | See the CA\_40D Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_39A-41A | CA\_39A-41A | 39 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 41 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_39A-41C | CA\_41C  CA\_39A-41A  CA\_39A-41C | 39 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 41 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| 41 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_39A-41D | CA\_41C  CA\_39A-41A | 39 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 41 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| 41 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| 41 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_39C-41A | CA\_39C  CA\_39A-41A  CA\_39C-41A | 39 | See CA\_39C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 0 |
| 41 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_39C-41C | CA\_39C  CA\_41C  CA\_39A-41A | 39 | See CA\_39C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 75 | 0 |
| 41 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| 41 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_39C-41D | - | 39 | See CA\_39C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 95 | 0 |
| 41 | See CA\_41D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_39A-42A | - | 39 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 42 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_39A-42C | - | 39 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 42 | See CA\_42C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_39A-42D | - | 39 |  | | |  | | | | | | Yes | | | | Yes | | | | | | | Yes | | | | Yes | | | 80 | 0 |
| 42 | See CA\_42D Bandwidth combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_39A-42E | - | 39 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 100 | 0 |
| 42 | See the CA\_42E Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_39C-42A | - | 39 | See CA\_39C Bandwidth Combination Set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 0 |
| 42 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_39C-42C | - | 39 | See CA\_39C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 75 | 0 |
| 42 | See CA\_42C Bandwidth combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_39C-42D | - | 39 | See the CA\_39C Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 95 | 0 |
| 42 | See the CA\_42D Bandwidth combination set 1 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_39A-46A | - | 39 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_39A-46C | - | 39 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_39A-46D | - | 39 |  | | |  | | | | | | Yes | | Yes | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 46 | See the CA\_46D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_39A-46E | - | 39 |  | | |  | | | | | | Yes | | Yes | | | | | | Yes | | | | | | Yes | | | | 100 | 0 |
| 46 | See CA\_46E Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_39C-46A | - | 39 | See CA\_39C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 0 |
| 46 |  | | |  | | | | | |  | |  | | | | | |  | | | | | | Yes | | | |
| CA\_39C-46C | - | 39 | See CA\_39C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 75 | 0 |
| 46 | See the CA\_46C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_39C-46D | - | 39 | See CA\_39C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 95 | 0 |
| 46 | See CA\_46D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_40A-41A | - | 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_40A-42A | CA\_40A-42A | 40 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 42 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_40A-42C | - | 40 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 42 | See CA\_42C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_40C-42C | - | 40 | See CA\_40C Bandwidth combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 42 | See CA\_42C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_40A-43A | - | 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 43 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_40A-46A | - | 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 1 |
| 46 |  | |  | | | |  | | | | Yes | | | | | | |  | | | | | | Yes | | | |
| CA\_40A-46C | - | 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 1 |
| 46 | See CA\_46C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_40A-46D | - | 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 46 | See CA\_46D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 1 |
| 46 | See CA\_46D Bandwidth combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_40A-46E | - | 40 |  | | |  | | | | | | Yes | | | Yes | | | | | | | Yes | | | | Yes | | | | 100 | 0 |
| 46 | See CA\_46E Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 |  | | |  | | | | | | Yes | | | Yes | | | | | | | Yes | | | | Yes | | | | 100 | 1 |
| 46 | See CA\_46E Bandwidth combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_40C-42A | - | 40 | See CA\_40C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 42 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_40C-46A | - | 40 | See CA\_40C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_40C-46C | - | 40 | See CA\_40C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_40C-46D | - | 40 | See CA\_40C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 46 | See CA\_46D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_40D-46A | - | 40 | See CA\_40D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_40D-46C | - | 40 | See CA\_40D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41A9-42A9 | CA\_41A-42A | 41 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 42 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_41A-42C | CA\_41A-42A, CA\_42C, CA\_41A-42C | 41 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 42 | See CA\_42C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41A-42A-42A | - | 41 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 42 | See CA\_42A-42A Bandwidth combination set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41A-42D | - | 41 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 42 | See CA\_42D Bandwidth combination set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41A-42A-42C | CA\_42C | 41 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 42 | See CA\_42A-42C Bandwidth combination set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41A-42C-42C | CA\_42C | 41 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 100 | 0 |
| 42 | See CA\_42C-42C Bandwidth combination set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41C-42A | CA\_41A-42A, CA\_41C, CA\_41C-42A | 41 | See CA\_41C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 42 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_41C-42C | CA\_41A-42A, CA\_41C, CA\_42C, CA\_41C-42C | 41 | See CA\_41C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 42 | See CA\_42C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41C-42A-42A | - | 41 | See CA\_41C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 42 | See CA\_42A-42A Bandwidth combination set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41C-42D | - | 41 | See CA\_41C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 42 | See CA\_42D Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41C-42A-42C | CA\_42C | 41 | See CA\_41C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 42 | See CA\_42A-42C Bandwidth combination set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41C-42C-42C | CA\_42C | 41 | See CA\_41C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 120 | 0 |
| 42 | See CA\_42C-42C Bandwidth combination set 1 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41D-42A | - | 41 | See CA\_41D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 42 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_41D-42C | - | 41 | See CA\_41D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 42 | See CA\_42C Bandwidth Combination Set 1 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41A-46A | - | 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_41A-46C | - | 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 46 | See CA\_46C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41A-46D | - | 41 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 46 | See CA\_46D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41A-46E | - | 41 |  | | |  | | | | | | Yes | | | | Yes | | | | | | | Yes | | | | Yes | | | 100 | 0 |
| 46 | See the CA\_46E Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41C-46A | - | 41 | See CA\_41C Bandwidth Combination Set 2 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_41C-46C | - | 41 | See CA\_41C Bandwidth combination set 2 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 46 | See CA\_46C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41C-46D | - | 41 | See the CA\_41C Bandwidth combination set 2 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 46 | See the CA\_46D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41D-46A | - | 41 | See CA\_41D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 46 |  | | |  | | | | | |  | | | |  | | | | | | |  | | | | Yes | | |
| CA\_41D-46C | - | 41 | See the CA\_41D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 46 | See the CA\_46C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41A-48A | - | 41 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 48 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_41A-48C | - | 41 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 48 | See CA\_48C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41A-48D | - | 41 |  | |  | | | |  | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 80 | 0 |
| 48 | See CA\_48D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41C-48A | CA\_41C | 41 | See the CA\_41C Bandwidth combination set 2 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 48 |  | | |  | | | | | | Yes | | | | | Yes | | | | | | | Yes | | | | Yes | |
| CA\_41C-48C | CA\_41C | 41 | See the CA\_41C Bandwidth combination set 2 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 48 | See the CA\_48C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41C-48D | CA\_41C | 41 | See the CA\_41C Bandwidth combination set 2 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 48 | See the CA\_48D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_41D-48A | CA\_41C | 41 | See the CA\_41D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 48 |  | | |  | | | | | | Yes | | | | | Yes | | | | | | | Yes | | | | Yes | |
| CA\_41D-48C | CA\_41C | 41 | See the CA\_41D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 48 | See the CA\_48C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_42A-43A | - | 42 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 43 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_42A-46A | - | 42 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | |
| CA\_46A-48A | - | 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | | 40 | 0 |
| 48 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_46A-48A-48A | - | 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | | 60 | 0 |
| 48 | See CA\_48A-48A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46A-48C | CA\_48C | 46 |  | | |  | | | | |  | | | | | |  | | | | | | |  | | | | Yes | | 60 | 0 |
| 48 | See CA\_48C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46C-48A | - | 46 | See CA\_46C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 48 |  | | |  | | | | | | Yes | | | | | | Yes | | | | | | | Yes | | | | Yes |
| CA\_46C-48A-48A | - | 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 48 | See CA\_48A-48A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46A-48B | CA\_48B | 46 |  | | |  | | | | | |  | | | | | |  | | | | | | |  | | | | Yes | 40 | 0 |
| 48 | See CA\_48B Bandwidth combination set 0 in 36.101 Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46C-48C | CA\_48C | 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 48 | See CA\_48C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46C-48B | CA\_48B | 46 | See CA\_46C Bandwidth combination set 0 in 36.101 Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 48 | See CA\_48B Bandwidth combination set 0 in 36.101 Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46A-48D | CA\_48C | 46 |  | | |  | | | | | |  | | | | | |  | | | | | | |  | | | | Yes | 80 | 0 |
| 48 | See CA\_48D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46D-48A | - | 46 | See CA\_46D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 48 |  | | |  | | | | | | Yes | | | | | | Yes | | | | | | | Yes | | | | Yes |
| CA\_46D-48B | CA\_48B | 46 | See CA\_46D Bandwidth combination set 0 in 36.101 Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 48 | See CA\_48B Bandwidth combination set 0 in 36.101 Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46A-46A-66A | - | 46 | See CA\_46A-46A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_46A-46C-66A | - | 46 | See CA\_46A-46C Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_46A-46D-66A | - | 46 | See CA\_46A-46D Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 66 |  | | |  | | | | | | Yes | | | | | Yes | | | | | | | Yes | | | | Yes | |
| CA\_46A-48E | CA\_48C | 46 |  | | |  | | | | | |  | | | | |  | | | | | | |  | | | | Yes | | 100 | 0 |
| 48 | See CA\_48E Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46C-48D | CA\_48C | 46 | See CA\_46C Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 48 | See CA\_48D Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46D-48A-48A | - | 46 | See CA\_46D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 48 | See CA\_48A-48A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46D-48C | - | 46 | See CA\_46D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 48 | See CA\_48C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46E-48A | - | 46 | See CA\_46E Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 48 |  | | |  | | | | | | Yes | | | | | Yes | | | | | | | Yes | | | | Yes | |
| CA\_46E-48B | CA\_48B | 46 | See CA\_46E Bandwidth combination set 0 in 36.101 Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 48 | See CA\_48B Bandwidth combination set 0 in 36.101 Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46C-66A | - | 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_46A-66A | - | 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | | 40 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_46A-66A-66A | - | 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | | 60 | 0 |
| 66 | See the CA\_66A-66A Bandwidth combination set 0 in the Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46C-66A-66A | - | 46 | See CA\_46C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 | See CA\_66A-66A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46A-66C | - | 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | | 60 | 0 |
| 66 | See the CA\_66C Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46D-66A | - | 46 | See CA\_46D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_46D-66A-66A | - | 46 | See CA\_46D Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 66 | See CA\_66A-66A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46C-48E | CA\_48C | 46 | See the CA\_46C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 120 | 0 |
| 48 | See the CA\_48E Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46E-48C | - | 46 | See the CA\_46E Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 120 | 0 |
| 48 | See the CA\_48C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46E-66A | - | 46 | See CA\_46E Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_46E-66A-66A | - | 46 | See CA\_46E Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 120 | 0 |
| 66 | See CA\_66A-66A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_46A-70A | - | 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | | 35 | 0 |
| 70 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_46A-71A | - | 46 |  | |  | | | |  | | | |  | | | | | | |  | | | | | | Yes | | | | 40 | 0 |
| 71 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_46C-71A | - | 46 | See CA\_46C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 71 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_46D-71A | - | 46 | See CA\_46D Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 71 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_48A-66A | - | 48 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_48A-48A-66A | - | 48 | See CA\_48A-48A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_48A-48C-66A | - | 48 | See the CA\_48A-48C Bandwidth combination set 0 in the Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_48A-48C-66B | - | 48 | See CA\_48A-48C Bandwidth combination set 0 in the Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 | See CA\_66B Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_48A-48C-66C | - | 48 | See CA\_48A-48C Bandwidth combination set 0 in the Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 66 | See CA\_66C Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_48A-48D-66A | - | 48 | See CA\_48A-48D Bandwidth combination set 0 in the Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_48C-48C-66A | - | 48 | See CA\_48C-48C Bandwidth combination set 0 in the Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_48A-66A-66A | - | 48 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 66 | See CA\_66A-66A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_48A-48A-66A-66A | - | 48 | See CA\_48A-48A Bandwidth combination set 0 in the Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 | See CA\_66A-66A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_48A-48A-66B | - | 48 | See CA\_48A-48A Bandwidth combination set 0 in the Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 66 | See CA\_66B Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_48A-48A-66C | - | 48 | See CA\_48A-48A Bandwidth combination set 0 in the Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 | See CA\_66C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_48C-66A-66A | - | 48 | See CA\_48C Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 | See CA\_66A-66A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_48C-66B | - | 48 | See CA\_48C Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 66 | See CA\_66B Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_48C-66C | - | 48 | See CA\_48C Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 | See CA\_66C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_48A-66B | - | 48 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 66 | See CA\_66B Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_48A-66C | - | 48 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 60 | 0 |
| 66 | See CA\_66C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_48C-66A | - | 48 | See CA\_48C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_48D-66A | - | 48 | See the CA\_48D Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_48E-66A | - | 48 | See CA\_48E Bandwidth combination set 0 in the Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 0 |
| 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_48A-71A | - | 48 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 71 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_48C-71A | - | 48 | See CA\_48C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 71 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_48A-48A-71A | - | 48 | See CA\_48A-48A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 71 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_66A-70A | - | 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 35 | 0 |
| 70 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_66A-66A-70A | - | 66 | See CA\_66A-66A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 0 |
| 70 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_66A-70C | - | 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 45 | 0 |
| 70 | See CA\_70C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_66A-66A-70C | - | 66 | See the CA\_66A-66A Bandwidth combination set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 65 | 0 |
| 70 | See the CA\_70C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_66C-70A | - | 66 | See CA\_66C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 0 |
| 70 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | |
| CA\_66C-70C | - | 66 | See the CA\_66C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 65 | 0 |
| 70 | See the CA\_70C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_66A-71A | - | 66 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | | 40 | 0 |
| 71 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_66C-71A | - | 66 | See CA\_66C Bandwidth Combination Set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 71 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_66A-66A-71A | - | 66 | See CA\_66A-66A Bandwidth Combination Set 0 in Table 5.6A.1-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 |
| 71 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_70A-71A | - | 70 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | |  | | | | 35 | 0 |
| 71 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| CA\_70C-71A | - | 70 | See the CA\_70C Bandwidth combination set 0 in Table 5.6A.1-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 45 | 0 |
| 71 |  | |  | | | | Yes | | | | Yes | | | | | | | Yes | | | | | | Yes | | | |
| NOTE 1: The CA Configuration refers to a combination of an operating band and a CA bandwidth class specified in Table 5.6A-1 (the indexing letter). Absence of a CA bandwidth class for an operating band implies support of all classes.  NOTE 2: For each band combination, all combinations of indicated bandwidths belong to the set.  NOTE 3: For the supported CC bandwidth combinations, the CC downlink and uplink bandwidths are equal.  NOTE 4: Uplink CA configurations are the configurations supported by the present release of specifications.  NOTE 5: For TDD inter-band Carrier Aggregation only non-simultaneous Rx/Tx uplink CA configurations can be supported by UE supporting corresponding DL CA configuration without simultaneous Rx/Tx.  NOTE 6: Void  NOTE 7: Power imbalance between downlink carriers on Band 20 and Band 28 is assumed to be within [6dB].  NOTE 8: For the corresponding CA configuration, UE may not support Pcell transmissions in this E-UTRA band.  NOTE 9: 8Rx Requirements are applicable for this band configuration if UE supports 8Rx. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

---End of changes---

---Start of changes---

Table 6.2.5-2: ΔTIB,c (two bands)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| E-UTRA operating band combination | | E-UTRA Band | | ΔTIB,c [dB] | |
| CA\_1-3, CA\_1-1-3, CA\_1-1-3-3, CA\_1-3-3 | | 1 | | 0.3 | |
| 3 | | 0.3 | |
| CA\_1-5 | | 1 | | 0.3 | |
| 5 | | 0.3 | |
| CA\_1-7, CA\_1-1-7, CA\_1-7-7 | | 1 | | 0.5 | |
| 7 | | 0.6 | |
| CA\_1-8 | | 1 | | 0.3 | |
| 8 | | 0.3 | |
| CA\_1-11 | | 1 | | 0.3 | |
| 11 | | 0.3 | |
| CA\_1-18 | | 1 | | 0.3 | |
| 18 | | 0.3 | |
| CA\_1-19 | | 1 | | 0.3 | |
| 19 | | 0.3 | |
| CA\_1-20 | | 1 | | 0.3 | |
| 20 | | 0.3 | |
| CA\_1-21 | | 1 | | 0.3 | |
| 21 | | 0.3 | |
| CA\_1-26 | | 1 | | 0.3 | |
| 26 | | 0.3 | |
| CA\_1-28, CA\_1-1-28 | | 1 | | 0.3 | |
| 28 | | 0.6 | |
| CA\_1-32 | | 1 | | 0.5 | |
| 32 | | N/A | |
| CA\_1-38 | | 1 | | 0.5 | |
| 38 | | 0.5 | |
| CA\_1-40 | | 1 | | 0.5 | |
| 40 | | 0.5 | |
| CA\_1-418 | | 1 | | 0.5 | |
| 41 | | 0.5 | |
| CA\_1-42, CA\_1-42-42 | | 1 | | 0.3 | |
| 42 | | 0.8 | |
| CA\_1-43 | | 1 | | 0.3 | |
| 43 | | 0.8 | |
| CA\_1-46 | | 1 | | 0 | |
| CA\_2-4, CA\_2-2-4, CA\_2-4-4, CA\_2-2-4-4 | | 2 | | 0.5 | |
| 4 | | 0.5 | |
| CA\_2-5, CA\_2-2-5 | | 2 | | 0.3 | |
| 5 | | 0.3 | |
| CA\_2-7, CA\_2-2-7, CA\_2-7-7 | | 2 | | 0.5 | |
| 7 | | 0.5 | |
| CA\_2-12, CA\_2-2-12, CA\_2-12-12, CA\_2-2-12-12 | | 2 | | 0.3 | |
| 12 | | 0.3 | |
| CA\_2-13, CA\_2-2-13 | | 2 | | 0.3 | |
| 13 | | 0.3 | |
| CA\_2-14, CA\_2-2-14 | | 2 | | 0.3 | |
| 14 | | 0.3 | |
| CA\_2-17 | | 2 | | 0.3 | |
| 17 | | 0.8 | |
| CA\_2-26 | | 2 | | 0.3 | |
| 26 | | 0.3 | |
| CA\_2-28 | | 2 | | 0.3 | |
| 28 | | 0.3 | |
| CA\_2-29, CA\_2-2-29 | | 2 | | 0.3 | |
| CA\_2-30, CA\_2-2-30 | | 2 | | 0.5 | |
| 30 | | 0.3 | |
| CA\_2-46, CA\_2-2-46, CA\_2-46-46 | | 2 | | 0 | |
| CA\_2-48, CA\_2-48-48 | | 2 | | 0.6 | |
| 48 | | 0.8 | |
| CA\_2-49 | | 2 | | 0.6 | |
| CA\_2-66, CA\_2-2-66, CA\_2-66-66, CA\_2-2-66-66, CA\_2-66-66-66 | | 2 | | 0.5 | |
| 66 | | 0.5 | |
| CA\_2-71, CA\_2-2-71 | | 2 | | 0.3 | |
| 71 | | 0.3 | |
| CA\_3-5,  CA\_3-3-5 | | 3 | | 0.3 | |
| 5 | | 0.3 | |
| CA\_3-7, CA\_3-3-7, CA\_3-7-7, CA\_3-3-7-7 | | 3 | | 0.5 | |
| 7 | | 0.5 | |
| CA\_3-8, CA\_3-3-8 | | 3 | | 0.3 | |
| 8 | | 0.3 | |
| CA\_3-11 | | 3 | | 0.8 | |
| 11 | | 0.9 | |
| CA\_3-18 | | 3 | | 0.3 | |
| 18 | | 0.3 | |
| CA\_3-19, CA\_3-3-19 | | 3 | | 0.3 | |
| 19 | | 0.3 | |
| CA\_3-20, CA\_3-3-20 | | 3 | | 0.3 | |
| 20 | | 0.3 | |
| CA\_3-21, CA\_3-3-21 | | 3 | | 0.8 | |
| 21 | | 0.9 | |
| CA\_3-26 | | 3 | | 0.3 | |
| 26 | | 0.3 | |
| CA\_3-27 | | 3 | | 0.3 | |
| 27 | | 0.3 | |
| CA\_3-28 | | 3 | | 0.3 | |
| 28 | | 0.3 | |
| CA\_3-31 | | 3 | | 0.3 | |
| 31 | | 0.6 | |
| CA\_3-32 | | 3 | | 0.5 | |
| CA\_3-38 | | 3 | | 0,5 | |
| 38 | | 0,5 | |
| CA\_3-40, CA\_3-40-40 | | 3 | | 0.5 | |
| 40 | | 0.5 | |
| CA\_3-41, CA\_3-3-41 | | 3 | | 0.5 | |
| 41 | | 0.310 | |
| 0.811 | |
| CA\_3-42, CA\_3-3-42, CA\_3-42-42 | | 3 | | 0.6 | |
| 42 | | 0.8 | |
| CA\_3-43 | | 3 | | 0.3 | |
| 43 | | 0.8 | |
| CA\_3-46, CA\_3-3-46 | | 3 | | 0 | |
| CA\_3-69 | | 3 | | 0.5 | |
| CA\_4-5, CA\_4-4-5 | | 4 | | 0.3 | |
| 5 | | 0.3 | |
| CA\_4-7, CA\_4-4-7, CA\_4-7-7 | | 4 | | 0.5 | |
| 7 | | 0.5 | |
| CA\_4-12, CA\_4-4-12, CA\_4-12-12, CA\_4-4-12-12 | | 4 | | 0.3 | |
| 12 | | 0.8 | |
| CA\_4-13, CA\_4-4-13 | | 4 | | 0.3 | |
| 13 | | 0.3 | |
| CA\_4-17 | | 4 | | 0.3 | |
| 17 | | 0.8 | |
| CA\_4-27 | | 4 | | 0.3 | |
| 27 | | 0.3 | |
| CA\_4-28 | | 4 | | 0.3 | |
| 28 | | 0.6 | |
| CA\_4-29, CA\_4-4-29 | | 4 | | 0.3 | |
| CA\_4-30, CA\_4-4-30 | | 4 | | 0.5 | |
| 30 | | 0.3 | |
| CA\_4-46, CA\_4-46-46 | | 4 | | 0 | |
| CA\_4-48 | | 4 | | 0.3 | |
| 48 | | 0.8 | |
| CA\_4-71, CA\_4-4-71 | | 4 | | 0.3 | |
| 71 | | 0.3 | |
| CA\_5-7, CA\_5-7-7 | | 5 | | 0.3 | |
| 7 | | 0.3 | |
| CA\_5-12, CA\_5-12-12 | | 5 | | 0.8 | |
| 12 | | 0.4 | |
| CA\_5-13 | | 5 | | 0.5 | |
| 13 | | 0.5 | |
| CA\_5-17 | | 5 | | 0.8 | |
| 17 | | 0.4 | |
| CA\_5-25 | | 5 | | 0.3 | |
| 25 | | 0.3 | |
| CA\_5-28 | | 5 | | 0.5 | |
| 28 | | 0.5 | |
| CA\_5-29 | | 5 | | 0.5 | |
| CA\_5-30 | | 5 | | 0.3 | |
| 30 | | 0.3 | |
| CA\_5-38 | | 5 | | 0.3 | |
| 38 | | 0.3 | |
| CA\_5-40, CA\_5-5-40, CA\_5-40-40 | | 5 | | 0.3 | |
| 40 | | 0.3 | |
| CA\_5-41 | | 5 | | 0.3 | |
| 41 | | 0.3 | |
| CA\_5-46 | | 5 | | 0 | |
| CA\_5-48 | | 5 | | 0.3 | |
| 48 | | 0.3 | |
| CA\_5-66, CA\_5-5-66, CA\_5-66-66, CA\_5-5-66-66 | | 5 | | 0.3 | |
| 66 | | 0.3 | |
| CA\_7-8, CA\_7-7-8 | | 7 | | 0.3 | |
| 8 | | 0.6 | |
| CA\_7-12 | | 7 | | 0.3 | |
| 12 | | 0.3 | |
| CA\_7-13 | | 7 | | 0.3 | |
| 13 | | 0.3 | |
| CA\_7-20,  CA\_7-7-20 | | 7 | | 0.3 | |
| 20 | | 0.3 | |
| CA\_7-22 | | 7 | | 0.5 | |
| 22 | | 0.8 | |
| CA\_7-26, CA\_7-7-26 | | 7 | | 0.3 | |
| 26 | | 0.3 | |
| CA\_7-28,  CA\_7-7-28 | | 7 | | 0.3 | |
| 28 | | 0.3 | |
| CA\_7-29  CA\_7-7-29 | | 7 | | 0.3 | |
| CA\_7-30 | | 7 | | 0.5 | |
| 30 | | 0.5 | |
| CA\_7-32 | | 7 | | 0.7 | |
| CA\_7-40 | | 7 | | 0.5 | |
| 40 | | [0.6] | |
| CA\_7-42, CA\_7-42-42 | | 7 | | 0.5 | |
| 42 | | 0.8 | |
| CA\_7-46, CA\_7-7-46 | | 7 | | 0 | |
| CA\_7-66, CA\_7-7-66, CA\_7-66-66, CA\_7-7-66-66 | | 7 | | 0.5 | |
| 66 | | 0.5 | |
| CA\_8-11 | | 8 | | 0.3 | |
| 11 | | 0.4 | |
| CA\_8-20 | | 8 | | 0.4 | |
| 20 | | 0.4 | |
| CA\_8-27 | | 8 | | 0.8 | |
| 27 | | 0.8 | |
| CA\_8-2814 | | 8 | | 0.6 | |
| 28 | | 0.5 | |
| CA\_8-32 | | 8 | | 0.3 | |
| CA\_8-38 | | 8 | | 0.3 | |
| 38 | | 0.3 | |
| CA\_8-39 | | 8 | | 0,3 | |
| 39 | | 0,3 | |
| CA\_8-40 | | 8 | | 0.3 | |
| 40 | | 0.3 | |
| CA\_8-41 | | 8 | | 0.3 | |
| 41 | | 0.3 | |
| CA\_8-42 | | 8 | | 0.6 | |
| 42 | | 0.8 | |
| CA\_8-46 | | 8 | | 0 | |
| CA\_11-18 | | 11 | | 0.3 | |
| 18 | | 0.3 | |
| CA\_11-26 | | 11 | | 0.3 | |
| 26 | | 0.3 | |
| CA\_11-28 | | 11 | | 0.4 | |
| 28 | | 0.6 | |
| CA\_11-41 | | 11 | | 0.3 | |
| 41 | | 0.3 | |
| CA\_11-42 | | 11 | | 0.4 | |
| 42 | | 0.8 | |
| CA\_11-46 | | 11 | | 0 | |
| CA\_12-25 | | 12 | | 0.3 | |
| 25 | | 0.3 | |
| CA\_12-30 | | 12 | | 0.3 | |
| 30 | | 0.3 | |
| CA\_12-46 | | 12 | | 0 | |
| 46 | | 0 | |
| CA\_12-48 | | 12 | | 0.3 | |
| 48 | | 0.3 | |
| CA\_12-66, CA\_12-66-66 | | 12 | | 0.8 | |
| 66 | | 0.3 | |
| CA\_13-46,  CA\_13-46-46 | | 13 | | 0 | |
| CA\_13-48, CA\_13-48-48 | | 13 | | 0.3 | |
| 48 | | 0.3 | |
| CA\_13-66, CA\_13-66-66 | | 13 | | 0.3 | |
| 66 | | 0.3 | |
| CA\_14-30 | | 14 | | 0.3 | |
| 30 | | 0.3 | |
| CA\_14-66, CA\_14-66-66, CA\_14-66-66-66 | | 14 | | 0.3 | |
| 66 | | 0.3 | |
| CA\_18-289 | | 18 | | 0.5 | |
| 28 | | 0.5 | |
| CA\_18-41 | | 18 | | 0.3 | |
| 41 | | 0.3 | |
| CA\_19-21 | | 19 | | 0.3 | |
| 21 | | 0.4 | |
| CA\_19-289 | | 19 | | 0.5 | |
| 28 | | 0.5 | |
| CA\_18-42 | | 18 | | 0.3 | |
| 42 | | 0.8 | |
| CA\_19-42 | | 19 | | 0.3 | |
| 42 | | 0.8 | |
| CA\_19-46 | | 19 | | 0 | |
| CA\_20-28 | | 20 | | 0.5 | |
| 28 | | 0.5 | |
| CA\_20-31 | | 20 | | 0.5 | |
| 31 | | 0.5 | |
| CA\_20-32 | | 20 | | 0.3 | |
| CA\_20-38 | | 20 | | 0.3 | |
| 38 | | 0.3 | |
| CA\_20-40, CA\_20-40-40 | | 20 | | 0.3 | |
| 40 | | 0.3 | |
| CA\_20-41 | | 20 | | 0.3 | |
| 41 | | 0.3 | |
| CA\_20-42, CA\_20-42-42 | | 20 | | 0.6 | |
| 42 | | 0.8 | |
| CA\_20-43 | | 20 | | 0.3 | |
| 43 | | 0.8 | |
| CA\_20-67 | | 20 | | 0.5 | |
| CA\_20-75 | | 20 | | 0.3 | |
| CA\_20-76 | | 20 | | 0.3 | |
| CA\_21-28 | | 21 | | 0.4 | |
| 28 | | 0.3 | |
| CA\_21-42 | | 21 | | 0.4 | |
| 42 | | 0.8 | |
| CA\_21-46 | | 21 | | 0 | |
| CA\_23-29 | | 23 | | 0.3 | |
| CA\_25-26, CA\_25-25-26 | | 25 | | 0.3 | |
| 26 | | 0.3 | |
| CA\_25-41, CA\_25-25-41 | | 25 | | 0.5 | |
| 41 | | 0.410 | |
| 0.911 | |
| CA\_25-46 | | 25 | | 0 | |
| 46 | | 0 | |
| CA\_26-41 | | 26 | | 0.3 | |
| 41 | | 0.3 | |
| CA\_26-46 | | 26 | | 0 | |
| CA\_26-48, CA\_26-48-48 | | 26 | | 0.3 | |
| 48 | | 0.3 | |
| A\_26-66 | | 26 | | 0.3 | |
| 66 | | 0.3 | |
| CA\_28-32 | | 28 | | 0.3 | |
| CA\_28-38 | | 28 | | 0.3 | |
| 38 | | 0.3 | |
| CA\_28-40 | | 28 | | 0.3 | |
| 40 | | 0.3 | |
| CA\_28-41 | | 28 | | 0.3 | |
| 41 | | 0.3 | |
| CA\_28-42,  CA\_28-42-42 | | 28 | | 0.5 | |
| 42 | | 0.8 | |
| CA\_28-46 | | 28 | | 0 | |
| CA\_28-66 | | 28 | | 0.6 | |
| 66 | | 0.3 | |
| CA\_29-30 | | 30 | | 0.3 | |
| CA\_29-66, CA\_29-66-66 | | 66 | | 0.3 | |
| CA\_29-70 | | 70 | | 0.3 | |
| CA\_30-66, CA\_30-66-66 | | 30 | | 0.3 | |
| 66 | | 0.5 | |
| CA\_32-42 | | 42 | | 0.8 | |
| CA\_32-43 | | 43 | | 0.8 | |
| CA\_34-39 | | 34 | | 01 | |
| 39 | | 01 | |
| CA\_34-41 | | 34 | | 01 | |
| 41 | | 01 | |
| CA\_38-40, CA\_38-40-40 | | 38 | | 04 | |
| 40 | | 04 | |
| CA\_39-40 | | 39 | | 04 | |
| 40 | | 04 | |
| CA\_39-41 | | 39 | | 04 | |
| 41 | | 04 | |
| CA\_39-41 | | 39 | | 0.57 | |
| 41 | | 0.57 | |
| CA\_39-42 | | 39 | | 04 | |
| 42 | | 0.54 | |
| CA\_39-46 | | 39 | | 0 | |
| CA\_40-41 | | 40 | | 0.54 | |
| 41 | | 0.54 | |
| CA\_40-42 | | 40 | | 04 | |
| 42 | | 0.54 | |
| CA\_40-43 | | 40 | | 04 | |
| 43 | | 0.54 | |
| CA\_40-46 | | 40 | | 0 | |
| CA\_41-42, CA\_41-42-42 | | 41 | | 04 | |
| 42 | | 0.54 | |
| CA\_41-42, CA\_41-42-42 | | 41 | | 0.37 | |
| 42 | | 0.87 | |
| CA\_41-46 | | 41 | | 0 | |
| CA\_41-48 | | 41 | | 04 | |
| 48 | | 0.54 | |
| CA\_42-43 | | 42 | | 04 | |
| 43 | | 04 | |
| CA\_42-46 | | 42 | | [0.5] | |
| CA\_46-48, CA\_46-48-48 | | 48 | | 0.8 | |
| CA\_46-66, CA\_46-46-66, CA\_46-66-66 | | 66 | | 0 | |
| CA\_46-70 | | 70 | | 0 | |
| CA\_46-71 | | 71 | | 0 | |
| CA\_48-66, CA\_48-48-66, CA\_48-66-66, CA\_48-48-66-66 | | 48 | | 0.8 | |
| 66 | | 0.6 | |
| CA\_48-71, CA\_48-48-71 | | 48 | | 0.3 | |
| 71 | | 0.3 | |
| CA\_66-70, CA\_66-66-70 | | 66 | | 0.5 | |
| 70 | | 0.5 | |
| CA\_66-71, CA\_66-66-71 | | 66 | | 0.3 | |
| 71 | | 0.3 | |
| CA\_70-71 | | 70 | | 0.3 | |
| 71 | | 0.6 | |
| NOTE 1: The above additional tolerances are only applicable for the E-UTRA operating bands that belong to the supported inter-band carrier aggregation configurations  NOTE 2: The above additional tolerances also apply in non-aggregated operation for the supported E-UTRA operating bands that belong to the supported inter-band carrier aggregation configurations  NOTE 3: In case the UE supports more than one of the above 2DL inter-band carrier aggregation configurations and a E-UTRA operating band belongs to more than one 2DL inter-band carrier aggregation configurations then:  - When the E-UTRA operating band frequency range is ≤ 1GHz, the applicable additional tolerance shall be the average of the 2DL tolerances above, truncated to one decimal place for that operating band among the supported 2DL CA configurations. In case there is a harmonic relation between low band UL and high band DL, then the maximum tolerance among the different supported 2DL carrier aggregation configurations involving such band shall be applied  - When the E-UTRA operating band frequency range is >1GHz, the applicable additional 2DL tolerance shall be the maximum tolerance above that applies for that operating band among the supported 2DL CA configurations  NOTE 4: Only applicable for UE supporting inter-band carrier aggregation with uplink in one E-UTRA band and without simultaneous Rx/Tx.  NOTE 5: Unless otherwise specified, in case the UE supports more than one of the above 3DL inter-band carrier aggregation configurations and a E-UTRA operating band belongs to more than one 3DL inter-band carrier aggregation configurations then:  - When the E-UTRA operating band frequency range is ≤ 1GHz and the tolerances are the same, the value applies to the band. If the tolerances are different, the applicable additional 3DL tolerance is FFS. In case there is a harmonic relation between low band UL and high band DL, then the maximum tolerance among the different supported 3DL carrier aggregation configurations involving such band shall be applied  - When the E-UTRA operating band frequency range is >1GHz, the applicable additional 3DL tolerance shall be the maximum tolerance above that applies for that operating band among the supported 3DL CA configurations.  NOTE 6: The above additional tolerances applicable for the E-UTRA operating bands that belong to the supported highest order inter-band carrier aggregation configuration, also applies to the same E-UTRA operating bands that belong to a supported lower order CA configuration.  NOTE 7: Applicable for UE supporting inter-band carrier aggregation without simultaneous Rx/Tx.  NOTE 8: Only applicable for UE supporting inter-band carrier aggregation with the uplink active in the FDD band.  NOTE 9: For Band 28, the requirements only apply for the restricted frequency range specified for this CA configuration (Table 5.5A-2).  NOTE 10: The requirement is applied for UE transmitting on the frequency range of 2545-2690MHz.  NOTE 11: The requirement is applied for UE transmitting on the frequency range of 2496-2545MHz.  NOTE 12: For UE supporting E-UTRA band 65 and CA configurations including Band 1, the Band 65 ΔTIB,c is the max(Band 65 ΔTIB,c , Band 1 ΔTIB,c)  NOTE 13: For UE supporting E-UTRA band 42, 43 or 48 and CA configurations including Band 42, 43 or 48, the applicable ΔTIB,c in Band 42, 43, or 48 is the max(Band 42 ΔTIB,c , Band 43 ΔTIB,c, Band 48 ΔTIB,c).  NOTE 14: Only applicable for UE supporting inter-band carrier aggregation with the uplink active in Band 8. | | | | | |

---End of changes---

---Start of changes---

Table 7.3.1-1A: ΔRIB,c (two bands)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| E-UTRA operating band combination | | E-UTRA Band | | ΔRIB,c [dB] | |
| CA\_1-3, CA\_1-1-3, CA\_1-1-3-3, CA\_1-3-3 | | 1 | | 0 | |
| 3 | | 0 | |
| CA\_1-5, CA\_1-1-5 | | 1 | | 0 | |
| 5 | | 0 | |
| CA\_1-7, CA\_1-1-7, CA\_1-7-7 | | 1 | | 0 | |
| 7 | | 0 | |
| CA\_1-8 | | 1 | | 0 | |
| 8 | | 0 | |
| CA\_1-11 | | 1 | | 0 | |
| 11 | | 0 | |
| CA\_1-18 | | 1 | | 0 | |
| 18 | | 0 | |
| CA\_1-19 | | 1 | | 0 | |
| 19 | | 0 | |
| CA\_1-20 | | 1 | | 0 | |
| 20 | | 0 | |
| CA\_1-21 | | 1 | | 0 | |
| 21 | | 0 | |
| CA\_1-26 | | 1 | | 0 | |
| 26 | | 0 | |
| CA\_1-28, CA\_1-1-28 | | 1 | | 0 | |
| 28 | | 0.2 | |
| CA\_1-32 | | 1 | | 0 | |
| 32 | | 0 | |
| CA\_1-38 | | 1 | | 0 | |
| 38 | | 0 | |
| CA\_1-40 | | 1 | | 0 | |
| 40 | | 0 | |
| CA\_1-418 | | 1 | | 0 | |
| 41 | | 0 | |
| CA\_1-42, CA\_1-42-42 | | 1 | | 0 | |
| 42 | | 0.5 | |
| CA\_1-43 | | 1 | | 0 | |
| 43 | | 0.5 | |
| CA\_1-46 | | 1 | | 0 | |
| CA\_2-4, CA\_2-2-4, CA\_2-4-4, CA\_2-2-4-4 | | 2 | | 0.3 | |
| 4 | | 0.3 | |
| CA\_2-5, CA\_2-2-5 | | 2 | | 0 | |
| 5 | | 0 | |
| CA\_2-7, CA\_2-2-7, CA\_2-7-7 | | 2 | | 0 | |
| 7 | | 0 | |
| CA\_2-12, CA\_2-2-12, CA\_2-12-12, CA\_2-2-12-12 | | 2 | | 0 | |
| 12 | | 0 | |
| CA\_2-13, CA\_2-2-13 | | 2 | | 0 | |
| 13 | | 0 | |
| CA\_2-14, CA\_2-2-14 | | 2 | | 0 | |
| 14 | | 0 | |
| CA\_2-17 | | 2 | | 0 | |
| 17 | | 0.5 | |
| CA\_2-26 | | 2 | | 0 | |
| 26 | | 0 | |
| CA\_2-28 | | 2 | | 0 | |
| 28 | | 0 | |
| CA\_2-29, CA\_2-2-29 | | 2 | | 0 | |
| CA\_2-30, CA\_2-2-30 | | 2 | | 0.4 | |
| 30 | | 0.5 | |
| CA\_2-46, CA\_2-2-46 | | 2 | | 0 | |
| CA\_2-48, CA\_2-48-48 | | 2 | | 0.2 | |
| 48 | | 0.5 | |
| CA\_2-49 | | 2 | | 0.2 | |
| CA\_2-66, CA\_2-2-66, CA\_2-66-66, CA\_2-2-66-66, CA\_2-66-66-66 | | 2 | | 0.3 | |
| 66 | | 0.3 | |
| CA\_2-71, CA\_2-2-71 | | 2 | | 0 | |
| 71 | | 0 | |
| CA\_3-5,  CA\_3-3-5 | | 3 | | 0 | |
| 5 | | 0 | |
| CA\_3-7, CA\_3-3-7, CA\_3-7-7, CA\_3-3-7-7 | | 3 | | 0 | |
| 7 | | 0 | |
| CA\_3-8, CA\_3-3-8 | | 3 | | 0 | |
| 8 | | 0 | |
| CA\_3-11 | | 3 | | 0.3 | |
| 11 | | 0.5 | |
| CA\_3-18 | | 3 | | 0 | |
| 18 | | 0 | |
| CA\_3-19, CA\_3-3-19 | | 3 | | 0 | |
| 19 | | 0 | |
| CA\_3-20, CA\_3-3-20 | | 3 | | 0 | |
| 20 | | 0 | |
| CA\_3-21, CA\_3-3-21 | | 3 | | 0.3 | |
| 21 | | 0.5 | |
| CA\_3-26 | | 3 | | 0 | |
| 26 | | 0 | |
| CA\_3-27 | | 3 | | 0 | |
| 27 | | 0 | |
| CA\_3-28 | | 3 | | 0 | |
| 28 | | 0 | |
| CA\_3-31 | | 3 | | 0 | |
| 31 | | 0.2 | |
| CA\_3-32 | | 3 | | 0 | |
| 32 | | 0 | |
| CA\_3-38 | | 3 | | 0 | |
| 38 | | 0 | |
| CA\_3-40, CA\_3-40-40 | | 3 | | 0 | |
| 40 | | 0 | |
| CA\_3-41, CA\_3-3-41 | | 3 | | 0 | |
| 41 | | 010 | |
| 0.511 | |
| CA\_3-42, CA\_3-3-42, CA\_3-42-42 | | 3 | | 0.2 | |
| 42 | | 0.5 | |
| CA\_3-43 | | 3 | | 0 | |
| 43 | | 0.5 | |
| CA\_3-46, CA\_3-3-46 | | 3 | | 0 | |
| CA\_4-5, CA\_4-4-5 | | 4 | | 0 | |
| 5 | | 0 | |
| CA\_4-7, CA\_4-4-7, CA\_4-7-7 | | 4 | | 0.5 | |
| 7 | | 0.5 | |
| CA\_4-12, CA\_4-4-12, CA\_4-12-12, CA\_4-4-12-12 | | 4 | | 0 | |
| 12 | | 0.5 | |
| CA\_4-13, CA\_4-4-13 | | 4 | | 0 | |
| 13 | | 0 | |
| CA\_4-17 | | 4 | | 0 | |
| 17 | | 0.5 | |
| CA\_4-27 | | 4 | | 0 | |
| 27 | | 0 | |
| CA\_4-28 | | 4 | | 0 | |
| 28 | | 0.2 | |
| CA\_4-29, CA\_4-4-29 | | 4 | | 0 | |
| CA\_4-30, CA\_4-4-30 | | 4 | | 0.4 | |
| 30 | | 0.5 | |
| CA\_4-46 | | 4 | | 0 | |
| CA\_4-48 | | 4 | | 0 | |
| 48 | | 0.5 | |
| CA\_4-71, CA\_4-4-71 | | 4 | | 0 | |
| 71 | | 0 | |
| CA\_5-7, CA\_5-7-7 | | 5 | | 0 | |
| 7 | | 0 | |
| CA\_5-12, CA\_5-12-12 | | 5 | | 0.5 | |
| 12 | | 0.3 | |
| CA\_5-13 | | 5 | | 0 | |
| 13 | | 0 | |
| CA\_5-17 | | 5 | | 0.5 | |
| 17 | | 0.3 | |
| CA\_5-25 | | 5 | | 0 | |
| 25 | | 0 | |
| CA\_5-28 | | 5 | | 0 | |
| 28 | | 0 | |
| CA\_5-29 | | 5 | | 0 | |
| CA\_5-30 | | 5 | | 0 | |
| 30 | | 0 | |
| CA\_5-38 | | 5 | | 0 | |
| 38 | | 0 | |
| CA\_5-40, CA\_5-5-40, CA\_5-40-40 | | 5 | | 0 | |
| 40 | | 0 | |
| CA\_5-41 | | 5 | | 0 | |
| 41 | | 0 | |
| CA\_5-48 | | 5 | | 0 | |
| 48 | | 0 | |
| CA\_5-66, CA\_5-5-66, CA\_5-66-66, CA\_5-5-66-66 | | 5 | | 0 | |
| 66 | | 0 | |
| CA\_7-8, CA\_7-7-8 | | 7 | | 0 | |
| 8 | | 0.2 | |
| CA\_7-12 | | 7 | | 0 | |
| 12 | | 0 | |
| CA\_7-13 | | 7 | | 0 | |
| 13 | | 0 | |
| CA\_7-20,  CA\_7-7-20 | | 7 | | 0 | |
| 20 | | 0 | |
| CA\_7-22 | | 7 | | 0 | |
| 22 | | 0.5 | |
| CA\_7-26, CA\_7-7-26 | | 7 | | 0 | |
| 26 | | 0 | |
| CA\_7-28,  CA\_7-7-28 | | 7 | | 0 | |
| 28 | | 0 | |
| CA\_7-29,  CA\_7-7-29 | | 7 | | 0 | |
| CA\_7-30 | | 7 | | 0.5 | |
| 30 | | 0.5 | |
| CA\_7-32 | | 7 | | 0 | |
| 32 | | 0 | |
| CA\_7-40 | | 7 | | 0 | |
| 40 | | 0.5 | |
| CA\_7-42, CA\_7-42-42 | | 7 | | 0 | |
| 42 | | 0.5 | |
| CA\_7-46, CA\_7-7-46 | | 7 | | 0 | |
| CA\_7-66, CA\_7-7-66, CA\_7-66-66, CA\_7-7-66-66 | | 7 | | 0.5 | |
| 66 | | 0.5 | |
| CA\_8-11 | | 8 | | 0 | |
| 11 | | 0 | |
| CA\_8-20 | | 8 | | 0 | |
| 20 | | 0 | |
| CA\_8-27 | | 8 | | 0.3 | |
| 27 | | 0.3 | |
| CA\_8-2813 | | 8 | | 0.2 | |
| 28 | | 0.1 | |
| CA\_8-32 | | 8 | | 0 | |
| 32 | | 0 | |
| CA\_8-38 | | 8 | | 0 | |
| 38 | | 0 | |
| CA\_8-39 | | 8 | | 0 | |
| 39 | | 0 | |
| CA\_8-40 | | 8 | | 0 | |
| 40 | | 0 | |
| CA\_8-41 | | 8 | | 0 | |
| 41 | | 0 | |
| CA\_8-42 | | 8 | | 0.2 | |
| 42 | | 0.5 | |
| CA\_8-46 | | 8 | | 0 | |
| CA\_11-18 | | 11 | | 0 | |
| 18 | | 0 | |
| CA\_11-26 | | 11 | | 0 | |
| 26 | | 0 | |
| CA\_11-28 | | 11 | | 0 | |
| 28 | | 0.2 | |
| CA\_11-41 | | 11 | | 0 | |
| 41 | | 0 | |
| CA\_11-42 | | 11 | | 0 | |
| 42 | | 0.5 | |
| CA\_11-46 | | 11 | | 0 | |
| CA\_12-25 | | 12 | | 0 | |
| 25 | | 0 | |
| CA\_12-30 | | 12 | | 0 | |
| 30 | | 0 | |
| CA\_12-46 | | 12 | | 0 | |
| 46 | | 0 | |
| CA\_12-48 | | 12 | | 0 | |
| 48 | | 0 | |
| CA\_12-66, CA\_12-66-66 | | 12 | | 0.5 | |
| 66 | | 0 | |
| CA\_13-46,  CA\_13-46-46 | | 13 | | 0 | |
| CA\_13-48, CA\_13-48-48 | | 13 | | 0 | |
| 48 | | 0 | |
| CA\_13-66, CA\_13-66-66 | | 13 | | 0 | |
| 66 | | 0 | |
| CA\_14-30 | | 14 | | 0 | |
| 30 | | 0 | |
| CA\_14-66, CA\_14-66-66, CA\_14-66-66-66 | | 14 | | 0 | |
| 66 | | 0 | |
| CA\_18-289 | | 18 | | 0 | |
| 28 | | 0 | |
| CA\_18-41 | | 18 | | 0 | |
| 41 | | 0 | |
| CA\_18-42 | | 18 | | 0 | |
| 42 | | 0.5 | |
| CA\_19-21 | | 19 | | 0 | |
| 21 | | 0 | |
| CA\_19-289 | | 19 | | 0 | |
| 28 | | 0 | |
| CA\_19-42 | | 19 | | 0 | |
| 42 | | 0.5 | |
| CA\_19-46 | | 19 | | 0 | |
| CA\_20-28 | | 20 | | 0 | |
| 28 | | 0 | |
| CA\_20-31 | | 20 | | 0 | |
| 31 | | 0 | |
| CA\_20-32 | | 20 | | 0 | |
| CA\_20-38 | | 20 | | 0 | |
| 38 | | 0 | |
| CA\_20-40, CA\_20-40-40 | | 20 | | 0 | |
| 40 | | 0 | |
| CA\_20-41 | | 20 | | 0 | |
| 41 | | 0 | |
| CA\_20-42, CA\_20-42-42 | | 20 | | 0 | |
| 42 | | 0.5 | |
| CA\_20-43 | | 20 | | 0 | |
| 43 | | 0.5 | |
| CA\_20-67 | | 20 | | 0 | |
| CA\_20-75 | | 20 | | 0 | |
| CA\_20-76 | | 20 | | 0 | |
| CA\_21-28 | | 21 | | 0 | |
| 28 | | 0 | |
| CA\_21-42 | | 21 | | 0 | |
| 42 | | 0.5 | |
| CA\_21-46 | | 21 | | 0 | |
| CA\_23-29 | | 23 | | 0 | |
| CA\_25-26, CA\_25-25-26 | | 25 | | 0 | |
| 26 | | 0 | |
| CA\_25-41, CA\_25-25-41 | | 25 | | 0 | |
| 41 | | 010 | |
| 0.511 | |
| CA\_25-46 | | 25 | | 0 | |
| 46 | | 0 | |
| CA\_26-41 | | 26 | | 0 | |
| 41 | | 0 | |
| CA\_26-46 | | 26 | | 0 | |
| CA\_26-48, CA\_26-48-48 | | 26 | | 0 | |
| 48 | | 0 | |
| CA\_26-66 | | 26 | | 0 | |
| 66 | | 0 | |
| CA\_28-32 | | 28 | | 0 | |
| CA\_28-38 | | 28 | | 0 | |
| 38 | | 0 | |
| CA\_28-40 | | 28 | | 0 | |
| 40 | | 0 | |
| CA\_28-41 | | 28 | | 0 | |
| 41 | | 0 | |
| CA\_28-42,  CA\_28-42-42 | | 28 | | 0.2 | |
| 42 | | 0.5 | |
| CA\_28-46 | | 28 | | 0 | |
| CA\_28-66 | | 28 | | 0.2 | |
| 66 | | 0 | |
| CA\_29-30 | | 30 | | 0 | |
| CA\_29-66, CA\_29-66-66 | | 66 | | 0 | |
| CA\_29-70 | | 70 | | 0 | |
| CA\_30-66, CA\_30-66-66 | | 30 | | 0.5 | |
| 66 | | 0.4 | |
| CA\_32-42 | | 42 | | 0.5 | |
| CA\_32-43 | | 43 | | 0.5 | |
| CA\_34-39 | | 34 | | 0.21 | |
| 39 | | 0.21 | |
| CA\_34-41 | | 34 | | 0.21 | |
| 41 | | 0.21 | |
| CA\_38-40, CA\_38-40-40 | | 38 | | 0.54 | |
| 40 | | 0.54 | |
| CA\_39-40 | | 39 | | 0.34 | |
| 40 | | 0.34 | |
| CA\_39-41 | | 39 | | 0.24 | |
| 41 | | 0.24 | |
| CA\_39-41 | | 39 | | 0.27 | |
| 41 | | 0.27 | |
| CA\_39-42 | | 39 | | 04 | |
| 42 | | 0.54 | |
| CA\_39-46 | | 39 | | 0 | |
| CA\_40-41 | | 40 | | 04 | |
| 41 | | 04 | |
| CA\_40-42 | | 40 | | 0.44 | |
| 42 | | 0.54 | |
| CA\_40-43 | | 40 | | 0.44 | |
| 43 | | 0.54 | |
| CA\_40-46 | | 40 | | 0 | |
| CA\_41-42, CA\_41-42-42 | | 41 | | 0.44 | |
| 42 | | 0.54 | |
| CA\_41-42, CA\_41-42-42 | | 41 | | 07 | |
| 42 | | 0.57 | |
| CA\_41-46 | | 41 | | 0 | |
| CA\_41-48 | | 41 | | 04 | |
| 48 | | 0.54 | |
| CA\_42-43 | | 42 | | 04 | |
| 43 | | 04 | |
| CA\_42-46 | | 42 | | [0] | |
| CA\_46-48, CA\_46-48-48 | | 48 | | 0.5 | |
| CA\_46-66, CA\_46-66-66 | | 66 | | 0 | |
| CA\_46-70 | | 70 | | 0 | |
| CA\_46-71 | | 71 | | 0 | |
| CA\_48-66, CA\_48-48-66, CA\_48-66-66, CA\_48-48-66-66 | | 48 | | 0.5 | |
| 66 | | 0.2 | |
| CA\_48-71, CA\_48-48-71 | | 48 | | 0 | |
| 71 | | 0 | |
| CA\_66-70, CA\_66-66-70 | | 66 | | 0 | |
| 70 | | 0 | |
| CA\_66-71, CA\_66-66-71 | | 66 | | 0 | |
| 71 | | 0 | |
| CA\_70-71 | | 70 | | 0 | |
| 71 | | 0 | |
| NOTE 1: The above additional tolerances are only applicable for the E-UTRA operating bands that belong to the supported inter-band carrier aggregation configurations  NOTE 2: The above additional tolerances also apply in intra-band and non-aggregated operation for the supported E-UTRA operating bands that belong to the supported inter-band carrier aggregation configurations  NOTE 3: In case the UE supports more than one of the above 2DL inter-band carrier aggregation configurations and a E-UTRA operating band belongs to more than one 2DL inter-band carrier aggregation configurations then:  - When the E-UTRA operating band frequency range is ≤ 1GHz, the applicable additional tolerance shall be the average of the 2DL tolerances in Table 7.3.1-1A, truncated to one decimal place that would apply for that operating band among the supported 2DL CA configurations. In case there is a harmonic relation between low band UL and high band DL, then the maximum tolerance among the different supported 2DL carrier aggregation configurations involving such band shall be applied  - When the E-UTRA operating band frequency range is >1GHz, the applicable additional tolerance shall be the maximum 2DL tolerance in Table 7.3.1-1A that would apply for that operating band among the supported 2DL CA configurations  NOTE 4: Only applicable for UE supporting inter-band carrier aggregation with uplink in one E-UTRA band and without simultaneous Rx/Tx.  NOTE 5: Unless otherwise specified, in case the UE supports more than one of the above 3DL inter-band carrier aggregation configurations and a E-UTRA operating band belongs to more than one 3DL inter-band carrier aggregation configurations then:  - When the E-UTRA operating band frequency range is ≤ 1GHz and the tolerances are the same, the value applies to the band. If the tolerances are different, the applicable additional 3DL tolerance is FFS. In case there is a harmonic relation between low band UL and high band DL, then the maximum tolerance among the different supported 3DL carrier aggregation configurations involving such band shall be applied  - When the E-UTRA operating band frequency range is >1GHz, the applicable additional 3DL tolerance shall be the maximum tolerance above that applies for that operating band among the supported 3DL CA configurations.  NOTE 6: The above additional tolerances applicable for the E-UTRA operating bands that belong to the supported highest order inter-band carrier aggregation configuration, also applies to the same E-UTRA operating bands that belong to a supported lower order CA configuration.  NOTE 7: Applicable for UE supporting inter-band carrier aggregation without simultaneous Rx/Tx.  NOTE 8: Only applicable for UE supporting inter-band carrier aggregation with the uplink active in the FDD band.  NOTE 9: For Band 28, the requirements only apply for the restricted frequency range specified for this CA configuration (Table 5.5A-2).  NOTE 10: The requirement is applied for UE transmitting on the frequency range of 2545-2690MHz.  NOTE 11: The requirement is applied for UE transmitting on the frequency range of 2496-2545MHz.  NOTE 12: For UE supporting E-UTRA band 42, 43 or 48 and CA configurations including Band 42, 43 or 48, the applicable ΔRIB,c in Band 42, 43, or 48 is the max(Band 42 ΔRIB,c , Band 43 ΔRIB,c, Band 48 ΔRIB,c).  NOTE 13: Only applicable for UE supporting inter-band carrier aggregation with the uplink active in Band 8. | | | | | |

---End of changes---

---Start of changes---

Table 7.3.1A-0a: Reference sensitivity for carrier aggregation QPSK PREFSENS, CA (exceptions due to harmonic issue)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Channel bandwidth | | | | | | | | |
| EUTRA CA Configuration | EUTRA band | 1.4 MHz (dBm) | 3 MHz (dBm) | 5 MHz (dBm) | 10 MHz (dBm) | 15 MHz (dBm) | 20 MHz (dBm) | Duplex mode |
| CA\_1A-3A-5A-7A-28A5,6 | 133 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_1A-3A-5A-28A 5,6 | 133 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_1A-3A-5A-41A28 | 41 |  |  |  |  |  | N/A | TDD |
| CA\_1A-3A-7A-8A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_1A-3A-7A-8A4,5,6 | 733 |  |  | -88 | -87.4 | -87 | -86.7 | FDD |
| CA\_1A-3C-7A-8A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_1A-3C-7A-8A5,6 | 733 |  |  | -88 | -87.4 | -87 | -86.7 | FDD |
| CA\_1A-3A-7A-8A-20A5,6 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_1A-3A-7A-8A-20A5,6 | 733 |  |  | -88 | -87.4 | -87 | -86.7 | FDD |
| CA\_1A-3A-7A-20A-28A5,6 | 133 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_1A-3A-7A-20A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_1A-3A-7A-20A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_1A-3A-7A-28A5,6 | 133 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_1A-3A-7A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_1A-3A-7A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_1A-3A-8A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_1A-3A-8A-11A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_1A-3A-8A-20A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_1A-3A-8A-11A-28A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_1A-3A-8A-28A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_1A-3A-8A-38A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_1A-3A-11A-28A5,6 | 133 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_1A-3A-11A-28A9,10 | 11 |  |  | -75.2 | -75.2 |  |  | FDD |
| CA\_1A-3A-8A-40A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_1A-3A-8A-42A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_1A-3A-8A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_1A-3A-8A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_1A-3A-8A-42A12,13 | 4233 |  |  | -84.8 | -84.7 | -84.6 | -84.5 | TDD |
| CA\_1A-3A-18A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_1A-3A-18A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_1A-3A-19A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_1A-3A-19A-42A11 | 42 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_1A-3A-20A-28A5,6 | 133 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_1A-3A-20A-32A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_1A-3A-20A-32A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_1A-3A-20A-32A-42A12,13 | 4233 |  |  | -84.8 | -84.7 | -84.6 | -84.5 | TDD |
| CA\_1A-3A-21A-28A4,21 | 21 |  |  | N/A | N/A | N/A |  | FDD |
| CA\_1A-3A-21A-42A22,23 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_1A-3A-21A-42A24 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_1A-3A-28A-40A15,16 | 28 |  |  | -60.7 | -60.7 | -60.7 | -60.7 | FDD |
| CA\_1A-3A-28A-42A22,23 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_1A-3A-28A-42A24 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_1A-3A-28A5,6  CA\_1A-1A-3A-28A  CA\_1A-1A-3C-28A  CA\_1A-3A-3A-28A | 133 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_1A-3A-32A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_1A-3A-32A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_1A-3A-42A-43A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_1A-3A-42A-43A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_1A-3A-32A-42A-43A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_1A-3A-32A-42A-43A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_1A-3A-41A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_1A-3A-41A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_1A-3A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_1A-3A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_1A-3A-3A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_1A-3A-3A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_1A-3A-42A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_1A-3A-42A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_1A-3A-42A-42C9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_1A-3A-42A-42C11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_1A-3A-42C-42C9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_1A-3A-42C-42C11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_1A-5A-7A-28A5,6 | 133 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_1A-5A-28A5,6 | 133 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_1A-5A-41A8 | 41 |  |  |  |  |  | N/A | TDD |
| CA\_1A-7A-8A5,6,  CA\_1A-7A-7A-8A5,6 | 733 |  |  | -88 | -87.4 | -87 | -86.7 | FDD |
| CA\_1A-7A-8A-20A | 133 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_1A-7A-8A-40A5,6 | 733 |  |  |  | -87.1 | -86.7 | -86.4 | FDD |
| CA\_1A-7A-20A-28A5,6 | 1**33** |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_1A-7A-28A5,6 | 133 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_1A-7A-28A-40A15,16 | 28 |  |  | -60.7 | -60.7 | -60.7 | -60.7 | FDD |
| CA\_1A-8A-20A-28A5,6 | 133 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_1A-8A-42A12,13  CA\_1A-8A-42C12,13 | 4233 |  |  | -84.8 | -84.7 | -84.6 | -84.5 | TDD |
| CA\_1A-8A-11A-42A12,13 | 4233 |  |  | -84.8 | -84.7 | -84.6 | -84.5 | TDD |
| CA\_1A-11A-28A5,6 | 133 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_1A-11A-28A9,10 | 11 |  |  | -75.2 | -75.2 |  |  | FDD |
| CA\_1A-18A-28A14 | 1 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_1A-19A-28A14 | 133 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_1A-20A-28A | 133 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_1A-20A-32A-42A12,13 | 4233 |  |  | -84.8 | -84.7 | -84.6 | -84.5 | TDD |
| CA\_1A-21A-28A4,21 | 21 |  |  | N/A | N/A | N/A |  | FDD |
| CA\_1A-21A-28A-42A4,21 | 21 |  |  | N/A | N/A | N/A |  | FDD |
| CA\_1A-28A5,6,14 | 133 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_1A-1A-28A5,6,14 | 1 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_1A-28A-40A15,16  CA\_1A-28A-40C15,16 | 28 |  |  | -60.7 | -60.7 | -60.7 | -60.7 | FDD |
| CA\_1A-28A-40A5,6  CA\_1A-28A-40C5,6 | 133 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_1A-28A-42A5,6,17,18 | 133 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| 4233 |  |  | -85.7 | -85.4 | -85.1 | -84.9 | TDD |
| CA\_2A-46A15,16 | 2 |  |  | -70 | -67 | -65.2 | -64 | FDD |
| CA\_2A-2A-46A15,16 | 2 |  |  | -70 | -67 | -65.2 | -64 | FDD |
| CA\_2A-48A9,10 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_2A-48A11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_2A-71A36 | 2 |  |  | -93.4 | -94 | -92.5 | -91.4 | FDD |
| CA\_2A-71A37 | 2 |  |  | -96.8 | -94 | -92.5 | -91.4 | FDD |
| CA\_2A-71A15,16 | 71 |  |  | -70.4 | -70.4 | -70.4 | -70.4 | FDD |
| CA\_2A-2A-71A36 | 2 |  |  | -93.4 | -94 | -92.5 | -91.4 | FDD |
| CA\_2A-2A-71A37 | 2 |  |  | -96.8 | -94 | -92.5 | -91.4 | FDD |
| CA\_2A-2A-71A15,16 | 71 |  |  | -70.4 | -70.4 | -70.4 | -70.4 | FDD |
| CA\_2A-4A-12A5,6 | 433 |  |  | -90 | -89.5 | -89 | -88.5 | FDD |
| CA\_2A-4A-28A5,6 | 433 |  |  | -90 | -89.5 | -89 | -88.5 | FDD |
| CA\_2A-4A-71A36, CA\_2A-2A-4A-71A36 | 2 |  |  | -93.1 | -93.7 | -92.2 | -91.1 | FDD |
| CA\_2A-4A-71A37, CA\_2A-2A-4A-71A37 | 2 |  |  | -96.5 | -93.7 | -92.2 | -91.1 | FDD |
| CA\_2A-4A-71A15,16, CA\_2A-2A-4A-71A15,16 | 71 |  |  | -70.4 | -70.4 | -70.4 | -70.4 | FDD |
| CA\_2A-4A-5A-12A5,6 | 433 |  |  | -90 | -89.5 | -89 | -88.5 | FDD |
| CA\_2A-4A-7A-12A5,6 | 433 |  |  | -90 | -89.5 | -89 | -88.5 | FDD |
| CA\_2A-4A-12A-30A5,6 | 433 |  |  | -90 | -89.5 | -89 | -88.5 | FDD |
| CA\_2A-5A-12A-66A 5,6 | 66 |  |  | -89.5 | -89 | -88.5 | -88 | FDD |
| CA\_2A-7A-12A-66A5,6 | 6633 |  |  | -89.5 | -89 | -88.5 | -88 | FDD |
| CA\_2A-12A-66A5,6 | 6633 |  |  | -89.5 | -89 | -88.5 | -88 | FDD |
| CA\_2A-13A-48A9,10 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_2A-13A-48A11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_2A-13A-48A-66A9,10 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_2A-13A-48A-66A11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_2A-28A-66A5,6 | 66 |  |  | -89,5 | -88,9 | -88,5 | -88,2 | FDD |
| CA\_2A-48A-48A10,31 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_2A-48A-48A11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_2A-48A-48C10,31 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_2A-48A-48C11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_2A-48C9,10 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_2A-48C11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_2A-48D9,10 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_2A-48D11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_2A-48A-66A10,32, CA\_2A-48C-66A10,32 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_2A-48A-66A11, CA\_2A-48C-66A11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_2A-66A-71A36  CA\_2A-2A-66A-71A36  CA\_2A-66A-66A-71A36  CA\_2A-66C-71A36 | 2 |  |  | -93.1 | -93.7 | -92.2 | -91.1 | FDD |
| CA\_2A-66A-71A37  CA\_2A-2A-66A-71A37  CA\_2A-66A-66A-71A37  CA\_2A-66C-71A37 | 2 |  |  | -96.5 | -93.7 | -92.2 | -91.1 | FDD |
| CA\_2A-66A-71A15,16  CA\_2A-2A-66A-71A15,16  CA\_2A-66A-66A-71A15,16  CA\_2A-66C-71A15,16 | 71 |  |  | -70.4 | -70.4 | -70.4 | -70.4 | FDD |
| CA\_3A-5A-41A28 | 41 |  |  |  |  |  | N/A | TDD |
| CA\_3A-7A-8A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_3A-7A-8A5,6 | 733 |  |  | -88 | -87.4 | -87 | -86.7 | FDD |
| CA\_3C-7A-8A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_3C-7A-8A5,6 | 733 |  |  | -88 | -87.4 | -87 | -86.7 | FDD |
| CA\_3A-7A-8A-20A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_3A-7A-8A-20A5,6 | 733 |  |  | -88 | -87.4 | -87 | -86.7 | FDD |
| CA\_1A-3A-8A-20A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_3A-7A-8A-38A 4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_3A-7A-8A-40A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_3A-7A-8A-40A5,6 | 733 |  |  |  | -87.1 | -86.7 | -86.4 | FDD |
| CA\_3A-7A-20A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_3A-7A-20A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_3A-7A-28A-40A15,16 | 28 |  |  | -60.7 | -60.7 | -60.7 | -60.7 | FDD |
| CA\_3A-7A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_3A-7A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_3A-8A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_3A-8A-11A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_3A-8A-11A-28A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_3A-8A-32A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_3A-8A-38A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_3C-8A-38A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_3A-8A-40A4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_3A-8A-40C4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_3A-8A-42A4  CA\_3A-8A-42C4 | 3 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_3A-8A-42A9,10  CA\_3A-8A-42C9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_3A-8A-42A11  CA\_3A-8A-42C11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_3A-8A-42A12,13  CA\_3A-8A-42C12,13 | 4233 |  |  | -84.8 | -84.7 | -84.6 | -84.5 | TDD |
| CA\_3A-11A-28A9,10 | 11 |  |  | -75.2 | -75.2 |  |  | FDD |
| CA\_3A-18A-42A9,10  CA\_3A-18A-42C9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_3A-18A-42A11  CA\_3A-18A-42C11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_3A-19A-21A-42A25,26 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_3A-19A-21A-42A27 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_3A-19A-21A-42C25,26 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_3A-19A-21A-42C27 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_3A-19A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_3A-19A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_3A-20A-32A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_3A-20A-32A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_3A-20A-32A-42A12,13 | 4233 |  |  | -84.8 | -84.7 | -84.6 | -84.5 | TDD |
| CA\_3A-20A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_3A-20A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_3A-21A-28A4,21 | 21 |  |  | N/A | N/A | N/A |  | FDD |
| CA\_3A-21A-28A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_3A-21A-28A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_3A-21A-28A-42C9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_3A-21A-28A-42C11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_3A-21A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_3A-21A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_3A-28A-40A15,16 | 28 |  |  | -60.7 | -60.7 | -60.7 | -60.7 | FDD |
| CA\_3A-28A-41A-42A9,10,29 | 41 |  |  |  | -94.5 | -92.7 | -91.5 | TDD |
| 4233 |  |  |  | -71.7 | -71.7 | -71.7 |
| CA\_3A-28A-41A-42A11,29 | 41 |  |  |  | -94.5 | -92.7 | -91.5 | TDD |
| 4233 |  |  |  | -94.7 | -93.2 | -92.5 |
| CA\_3A-28A-41A-42A17,18, 29 | 41 |  |  |  | -94.5 | -92.7 | -91.5 | TDD |
| 4233 |  |  |  | -85.4 | -85.1 | -84.9 |
| CA\_3A-28A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_3A-28A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_3A-28A-42A17,18 | 4233 |  |  | -85.7 | -85.4 | -85.1 | -84.9 | TDD |
| CA\_3A-31A12,13 | 333 |  |  | -86.9 | -86.4 | -86 | -85.6 | FDD |
| CA\_3A-32A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_3A-32A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_3A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_3A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_3A-42A-42A9,10 | 4233 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_3A-42A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_3A-3A-42A11 | 4233 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_3A-42A-43A9. 10 | 42 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_3A-42A-43A11 | 42 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_3A-32A-42A-43A9. 10 | 42 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_3A-32A-42A-43A11 | 42 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_4A-5A-12A5,6 | 433 |  |  | -90 | -89.5 | -89 | -88.5 | FDD |
| CA\_4A-7A-12A5,6 | 433 |  |  | -90 | -89.5 | -89 | -88.5 | FDD |
| CA\_4A-7A -28A5,6 | 433 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_4A-12A5,6 | 433 | -89.2 | -89.2 | -90 | -89.5 | -89 | -88.5 | FDD |
| CA\_4A-12A-30A5,6 | 433 |  |  | -90 | -89.5 | -89 | -88.5 | FDD |
| CA\_4A-17A5,6 | 433 |  |  | -90 | -89.5 |  |  | FDD |
| CA\_4A-28A5,6 | 433 |  |  | -89.8 | -89.4 | -89 | -88.7 | FDD |
| CA\_5A-12A-66A5,6 | 6633 |  |  | -90 | -89.5 | -89 | -88.5 | FDD |
| CA\_5A-38A19 | 38 |  |  | N/A | N/A | N/A | N/A | TDD |
| CA\_5A-41A8,19 | 41 |  |  |  |  |  | N/A | TDD |
| CA\_5A-40A-41A8 | 41 |  |  |  |  |  | N/A | TDD |
| CA\_5A-48A-66A9,10  CA\_5A-48A-66A-66A9,10 | 4833 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_5A-48A-66A11  CA\_5A-48A-66A-66A11 | 4833 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_7A-8A5,6 | 733 |  |  | -88 | -87.4 | -87 | -86.7 | FDD |
| CA\_7A-8A-20A5,6 | 733 |  |  |  | -87.4 | -87 | -86.7 | FDD |
| CA\_7A-12A-66A5,6 | 6633 |  |  | -89.5 | -89 | -88.5 | -88 | FDD |
| CA\_7A-12B-66A5,6 | 6633 |  |  | -89.5 | -89 | -88.5 | -88 | FDD |
| CA\_7A-20A-38A19 | 38 |  |  | N/A | N/A | N/A | N/A | TDD |
| CA\_7A-28A-40A15,16  CA\_7A-28A-40C15,16 | 28 |  |  | -60.7 | -60.7 | -60.7 | -60.7 | FDD |
| CA\_8A-28A-41A28 | 41 |  |  | N/A | N/A | N/A | N/A | TDD |
| CA\_8A-39A-41A4 | 41 |  |  |  |  |  | N/A | TDD |
| CA\_8A-41A8 | 41 |  |  | N/A | N/A | N/A | N/A | TDD |
| CA\_8A-42A12,13 | 4233 |  |  | -84.8 | -84.7 | -84.6 | -84.5 | TDD |
| CA\_8A\_11A\_42A12, 13  CA\_8A\_11A\_42C12, 13 | 4233 |  |  | -84.8 | -84.7 | -84.6 | -84.5 | TDD |
| CA\_11A-28A9,10 | 1133 |  |  | -75.2 | -75.2 |  |  | FDD |
| CA\_12A-30A-66A5,6 | 6633 |  |  | -89.5 | -89 | -88.5 | -88 | FDD |
| CA\_12A-66A5,6 | 6633 | -88.7 | -88.7 | -89.5 | -89 | -88.5 | -88 | FDD |
| CA\_13A-48A-66A9,10  CA\_13A-48A-66A-66A9,10  CA\_13A-48A-66B9,10  CA\_13A-48A-66C9,10  CA\_13A-48A-48A-66A9,10  CA\_13A-48C-66A9,10  CA\_13A-48D-66A9,10  CA\_13A-48A-48C-66A9,10 | 4833 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_13A-48A-66A11  CA\_13A-48A-66A-66A11  CA\_13A-48A-66B11  CA\_13A-48A-66C11  CA\_13A-48A-48A-66A11  CA\_13A-48C-66A11  CA\_13A-48D-66A11  CA\_13A-48A-48C-66A11  CA\_13A-48E-66A | 4833 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_18A-41A19  CA\_18A-41C19 | 41 |  |  | N/A | N/A | N/A | N/A | TDD |
| CA\_20A-32A-42A12,13 | 20 |  |  | -97 |  |  |  | FDD |
| 32 |  |  | -100 | -97 | -95.2 | -94 | FDD |
| 4233 |  |  | -84.8 | -84.7 | -84.6 | -84.5 | TDD |
| CA\_20A-38A19 | 20 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_20A-38A-40D15,16 | 20 |  |  | -60.7 | -60.7 | -60.7 |  | FDD |
| CA\_20A-38C19 | 38 |  |  | N/A | N/A | N/A | N/A | TDD |
| CA\_20A-40A15,16 | 2033 |  |  | -60.7 | -60.7 | -60.7 | -60.7 | FDD |
| CA\_20A-40A-40A15,16 | 2033 |  |  | -60.7 | -60.7 | -60.7 |  | FDD |
| CA\_20A-38A-40A15,16 | 2033 |  |  | -60.7 | -60.7 | -60.7 |  | FDD |
| CA\_20A-40C15,16 | 2033 |  |  | -60.7 | -60.7 | -60.7 |  | FDD |
| CA\_20A-40D15,16 | 20 |  |  | -60.7 | -60.7 | -60.7 |  | FDD |
| CA\_20A-38A-40A-40A15,16 | 20 |  |  | -60.7 | -60.7 | -60.7 |  | FDD |
| CA\_20A-38A-40C15,16 | 20 |  |  | -60.7 | -60.7 | -60.7 |  | FDD |
| CA\_20A-42A12,13, CA\_20A-42A-42A12,13 | 4233 |  |  | -84.8 | -84.7 | -84.6 | -84.5 | TDD |
| CA\_20A-41A5,6  CA\_20A-41C5,6  CA\_20A-41D5,6 | 41 |  |  | -85.1 | -84.7 | -84.8 | -84.6 | TDD |
| CA\_21A-28A4,21 | 21 |  |  | N/A | N/A | N/A |  | FDD |
| CA\_21A-28A-42A4,21 | 21 |  |  | N/A | N/A | N/A | N/A | FDD |
| CA\_25A-26A-41A38 | 41 |  |  | N/A | N/A | N/A | N/A | TDD |
| CA\_25A-25A-26A-41A8  CA\_25A-26A-41C8 | 41 |  |  | N/A | N/A | N/A | N/A | TDD |
| CA\_26A-41A8,19 | 41 |  |  | N/A | N/A | N/A | N/A | TDD |
| CA\_28A-32A9,10 | 32 |  |  | -72.2 | -72.2 | -72.2 | -72.2 | FDD |
| CA\_28A-32A11 | 32 |  |  | -97.6 | -95.2 | -93.7 | -93.0 | FDD |
| CA\_28A-40A15,16 | 28 |  |  | -60.7 | -60.7 | -60.7 | -60.7 | FDD |
| CA\_28A-41A-42A17,18 | 4233 |  |  |  | -85.4 | -85.1 | -84.9 | TDD |
| CA\_28A-42A17,18 | 4233 |  |  | -85.7 | -85.4 | -85.1 | -84.9 | TDD |
| CA\_28A-66A5,6 | 66 |  |  | -89.5 | -88.9 | -88.5 | -88.2 | FDD |
| CA\_48A-66A9,10 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_48A-66A11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_48A-66B9,10 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_48A-66B11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_48A-66C9,10 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_48A-66C11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_48A-48A-66A9,10 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_48A-48A-66A11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_48A-66A-66A9,10 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_48A-66A-66A11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_48A-48A-66A-66A9,10 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_48A-48A-66A-66A11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_48A-48A-66B9,10 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_48A-48A-66B11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_48A-48A-66C9,10 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_48A-48A-66C11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_48C-66A-66A9,10 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| 66 |  |  | -99.3 | -96.3 | -94.5 | -93.2 | FDD |
| CA\_48C-66A-66A11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| 66 |  |  | -99.3 | -96.3 | -94.5 | -93.2 | FDD |
| CA\_48C-66B9,10 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_48C-66B11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_48C-66C9,10 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_48C-66C11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_48C-66A9,10 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_48C-66A11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_48E-66A 9,10 | 48 |  |  | -71.7 | -71.7 | -71.7 | -71.7 | TDD |
| CA\_48E-66A 11 | 48 |  |  | -97.1 | -94.7 | -93.2 | -92.5 | TDD |
| CA\_66A-70A-71A5,6 | 70 |  |  | -90 | -89.5 | -89.2 |  | FDD |
| CA\_66A-66A-70A-71A5,6 | 70 |  |  | -90 | -89.5 | -89.2 |  | FDD |
| CA\_66A-70C-71A5,6, 35 | 70 |  |  | -90 | -89.5 | -89.2 | -89 | FDD |
| CA\_66A-66A-70C-71A5,6,35 | 70 |  |  | -90 | -89.5 | -89.2 | -89 | FDD |
| CA\_66C-70A-71A5,6 | 70 |  |  | -90 | -89.5 | -89.2 |  | FDD |
| CA\_66C-70C-71A5,6,35 | 70 |  |  | -90 | -89.5 | -89.2 | -89 | FDD |
| CA\_70A-71A5,6 | 70 |  |  | -90 | -89.5 | -89.2 |  | FDD |
| CA\_70C-71A5,6,35 | 70 |  |  | -90 | -89.5 | -89.2 | -89 | FDD |
| NOTE 1: The transmitter shall be set to PUMAX as defined in subclause 6.2.5A.  NOTE 2: Reference measurement channel is A.3.2 with one sided dynamic OCNG Pattern OP.1 FDD/TDD/FS3 as described in Annex A.5.1.1/A.5.2.1/A.5.4.1.  NOTE 3: The signal power is specified per port  NOTE 4: No requirements apply when there is at least one individual RE within the uplink transmission bandwidth of the low band for which the 2nd transmitter harmonic is within the downlink transmission bandwidth of the high band. The reference sensitivity for all active downlink component carriers is only verified when this is not the case (the requirements specified in clause 7.3.1 apply unless otherwise specified).  NOTE 5: These requirements apply when there is at least one individual RE within the uplink transmission bandwidth of a low band for which the 3rd transmitter harmonic is within the downlink transmission bandwidth of a high band.  NOTE 6: The requirements should be verified for UL EARFCN of a low band (superscript LB) such that in MHz and  with the carrier frequency of a high band in MHz and  the channel bandwidth configured in the low band.  NOTE 7: Void.  NOTE 8: No requirements apply when there is at least one individual RE within the uplink transmission bandwidth of the low band for which the 3rd transmitter harmonic is within the downlink transmission bandwidth of the high band. The reference sensitivity is only verified when this is not the case (the requirements specified in clause 7.3.1 apply).  NOTE 9: These requirements apply when there is at least one individual RE within the uplink transmission bandwidth of the aggressor (lower) band for which the 2nd transmitter harmonic is within the downlink transmission bandwidth of a victim (higher) band and a range FHD above and below the edge of this downlink transmission bandwidth. The value FHD depends on the E-UTRA configuration: FHD = 10 MHz for CA\_3A-42A, CA\_3A-3A-42A, CA\_3A-42A-42A, CA\_1A-3A-20A-32A-42A, CA\_3A-42A-43A, CA\_3A-32A-42A-43A, CA\_1A-3A-42A, CA\_2A-13A-48A-66A, CA\_2A-48A, CA\_2A-48C, CA\_2A-48D, CA\_48A-66A, CA\_3A-7A-42A, CA\_3A-19A-42A, CA\_3A-20A-42A, CA\_3A-28A-42A, CA\_1A-3A-7A-42A, CA\_5A-48A-66A, CA\_5A-48A-66A-66A, CA\_13A-48A-66A, CA\_13A-48A-66A-66A, CA\_13A-48A-66B, CA\_13A-48A-66C, CA\_13A-48A-48A-66A, CA\_13A-48C-66A, CA\_13A-48D-66A, CA\_13A-48A-48C-66A, CA\_28A-32A, CA\_48A-66A-66A, CA\_48A-66B , CA\_48A-66C, CA\_48A-48A-66A, CA\_48C-66A, CA\_48A-48A-66A-66A, CA\_48A-48A-66B, CA\_48A-48A-66C, CA\_48C-66B, CA\_48C-66C, CA\_48E-66A, CA\_1A-3A-18A-42A, CA\_1A-3A-19A-42A, CA\_1A-3A-32A-42A, CA\_1A-3A-41A-42A, CA\_3A-7A-20A-42A, CA\_3A-20A-32A-42A, CA\_3A-28A-41A-42A, CA\_3A-18A-42A, CA\_3A-18A-42C, CA\_3A-8A-42A and CA\_3A-8A-42C. FHD = 0MHz for CA\_11A-28A, CA\_1A-11A-28A and CA\_3A-11A-28A.  NOTE 10: The requirements should be verified for UL EARFCN of the aggressor (lower) band (superscript LB) such that in MHz and  with carrier frequency in the victim (higher) band in MHz and  the channel bandwidth configured in the lower band.  NOTE 11: The requirements are only applicable to channel bandwidths with a carrier frequency at  MHz offset from  in the victim (higher band) with , whereandare the channel bandwidths configured in the aggressor (lower) and victim (higher) bands in MHz, respectively.  NOTE 12: These requirements apply when there is at least one individual RE within the uplink transmission bandwidth of a low band for which the 4th transmitter harmonic is within the downlink transmission bandwidth of a high band.  NOTE 13: The requirements should be verified for UL EARFCN of a low band (superscript LB) such that in MHz and  with the carrier frequency of a high band in MHz and  the channel bandwidth configured in the low band.  NOTE 14: For the UE that supports CA\_1A-18A-28A or CA\_1A-19A-28A, no requirements apply when there is at least one individual RE within the uplink transmission bandwidth of the low band for which the 3rd transmitter harmonic is within the downlink transmission bandwidth of the high band. The reference sensitivity should only be verified when this is not the case (the requirements specified in clause 7.3.1 apply).  NOTE 15: These requirements apply when there is at least one individual RE within the downlink transmission bandwidth of the victim (lower) band for which the 3rd harmonic is within the uplink transmission bandwidth or the uplink adjacent channel’s transmission bandwidth of an aggressor (higher) band.  NOTE 16: The requirements should be verified for UL EARFCN of the aggressor (higher) band (superscript HB) such that  in MHz and  with  the carrier frequency in the victim (lower) band and  the channel bandwidth configured in the higher band.  NOTE 17: These requirements apply when there is at least one individual RE within the uplink transmission bandwidth of a low band for which the 5th transmitter harmonic is within the downlink transmission bandwidth of a high band.  NOTE 18: The requirements should be verified for UL EARFCN of a low band (superscript LB) such that in MHz and  with the carrier frequency of a high band in MHz and  the channel bandwidth configured in the low band.  NOTE 19: No requirements apply for the case that there is at least one individual RE within the uplink transmission bandwidth of the relative higher band and when the frequency range of relative higher band’s uplink channel bandwidth or uplink 1st adjacent channel bandwidth is fully or partially overlapped with the 3 times of the frequency range of the relative lower band’s downlink channel bandwidth. The reference sensitivity is only verified when this is not the case (the requirements specified in clause 7.3.1 apply).  NOTE 20: Void  NOTE 21: No requirements apply when there is at least one individual RE on band 28 uplink outside frequencies 728 – 738 MHz. The reference sensitivity is only verified when all configured RE’s are confined within frequencies 728 – 738 MHz (the requirements specified in clause 7.3.1 of [6] apply).  NOTE 22: These requirements apply when there is at least one individual RE within the uplink transmission bandwidth of the aggressor (lower) band for which the 2nd transmitter harmonic is within the downlink transmission bandwidth of a victim (higher) band and a range FHD above and below the edge of this downlink transmission bandwidth. The value FHD depends on the E-UTRA configuration: FHD = 10 MHz for CA\_1A-3A-21A-42A.  NOTE 23: The requirements should be verified for UL EARFCN of the aggressor (lower) band (superscript LB) such that in MHz and  with carrier frequency in the victim (higher) band in MHz and  the channel bandwidth configured in the lower band.  NOTE 24: The requirements are only applicable to channel bandwidths with a carrier frequency at  MHz offset from  in the victim (higher band) with , whereandare the channel bandwidths configured in the aggressor (lower) and victim (higher) bands in MHz, respectively.  NOTE 25: These requirements apply when there is at least one individual RE within the uplink transmission bandwidth of the aggressor (lower) band for which the 2nd transmitter harmonic is within the downlink transmission bandwidth of a victim (higher) band and a range FHD above and below the edge of this downlink transmission bandwidth. The value FHD depends on the E-UTRA configuration: FHD = 10 MHz for CA\_3A-19A-21A-42A.  NOTE 26: The requirements should be verified for UL EARFCN of the aggressor (lower) band (superscript LB) such that in MHz and  with carrier frequency in the victim (higher) band in MHz and  the channel bandwidth configured in the lower band.  NOTE 27: The requirements are only applicable to channel bandwidths with a carrier frequency at  MHz offset from  in the victim (higher band) with , whereandare the channel bandwidths configured in the aggressor (lower) and victim (higher) bands in MHz, respectively.  NOTE 28: No requirements apply when there is at least one individual RE within the uplink transmission bandwidth of either Band 5 or Band 8 for which the 3rd transmitter harmonic is within the downlink transmission bandwidth of Band 41. The reference sensitivity for all active downlink component carriers is only verified when this is not the case (the requirements specified in clause 7.3.1 apply).  NOTE 29: The B41 requirements are modified by -0.1dB when carrier frequency of the assigned E-UTRA channel bandwidth is within 2545-2690 MHz.  NOTE 30: Void  NOTE 31: These requirements apply when there is at least one individual RE within the uplink transmission bandwidth of the aggressor (lower) band for which the 2nd transmitter harmonic is within the downlink transmission bandwidth of a victim (higher) band and a range FHD above and below the edge of this downlink transmission bandwidth. The value FHD depends on the E-UTRA configuration: FHD = 10 MHz for CA\_2A-48A-48A and CA\_2A-48A-48C  NOTE 32: These requirements apply when there is at least one individual RE within the uplink transmission bandwidth of the aggressor (lower) band for which the 2nd transmitter harmonic is within the downlink transmission bandwidth of a victim (higher) band and a range FHD above and below the edge of this downlink transmission bandwidth. The value FHD depends on the E-UTRA configuration: FHD = 10 MHz for CA\_2A-48A-66A, CA\_2A-48A-66A-66A and CA\_2A-48C-66A  NOTE 33: Applicable for the operations with 2 or 4 antenna ports supported in the band with carrier aggregation configured.  NOTE 34: Void  NOTE 35: These exceptions for the intra-band class C carriers should be verified one carrier at a time, according to note 6 frequency arrangements. No exceptions apply for the carrier which is not under REFSENS exception test.  NOTE 36: These requirements apply when the lower edge frequency of the 5 MHz uplink channel in Band 71 is located at or below 668 MHz and the downlink channel in Band 2 is located with its upper edge at 1990 MHz.  NOTE 37: These requirements apply when the lower edge frequency of the 10 MHz, 15 MHz, or 20 MHz uplink channel in Band 71 is located at or below 668 MHz and the downlink channel in Band 2 is located with its upper edge at 1990 MHz.  Note 38: These requirements apply when there is at least one individual RE within the uplink transmission bandwidth of the aggressor (lower) band for which the 3nd transmitter harmonic is within the downlink transmission bandwidth of a victim (higher) band and a range FHD above and below the edge of this downlink transmission bandwidth. The value FHD depends on the E-UTRA configuration: FHD = 15 MHz for CA\_26A-41A, CA\_25A-26A-41A. | | | | | | | | |

Table 7.3.1A-0b: Uplink configuration for the low band (exceptions due to harmonic issue)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| E-UTRA Band / Channel bandwidth of the high band / NRB / Duplex mode | | | | | | | | |
| EUTRA CA Configuration | UL band | 1.4 MHz | 3 MHz | 5 MHz | 10 MHz | 15 MHz | 20 MHz | Duplex mode |
| CA\_1A-3A-5A-7A-28A | 28 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-3A-5A-28A | 28 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-3A-7A-8A | 8 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-3C-7A-8A | 8 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-3A-7A-8A-20A | 8 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-3A-7A-20A-28A | 28 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-3A-7A-20A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_1A-3A-7A-28A | 28 |  |  |  | 16 | 25 | 25 | FDD |
| CA\_1A-3A-7A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_1A-3A-8A-42A | 8 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-3A-8A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_1A-3A-11A-28A4 | 28 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-3A-11A-28A5 | 28 |  |  | 12 | 25 |  |  | FDD |
| CA\_1A-3A-18A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_1A-3A-19A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_1A-3A-28A  CA\_1A-1A-3A-28A  CA\_1A-3A-3A-28A | 28 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-3A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_1A-3A-3A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_1A-3A-42A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_1A-3A-42A-42C | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_1A-3A-42C-42C | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_1A-3A-20A-28A | 28 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-3A-21A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_1A-3A-28A-40A | 40 |  |  | 25 | 50 | 75 | 100 | TDD |
| CA\_1A-3A-28A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_1A-3A-41A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_1A-5A-7A-28A | 28 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-7A-8A | 8 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-3A-32A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_1A-3A-42A-43A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_1A-7A-8A-20A  CA\_1A-7A-7A-8A | 8 |  |  | 8 | 16 |  |  | FDD |
| CA\_1A-7A-8A-40A | 8 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-7A-20A-28A | 28 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-7A-28A | 28 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-7A-28A-40A | 40 |  |  | 25 | 50 | 75 | 100 | TDD |
| CA\_1A-8A-20A-28A | 28 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-8A-42A  CA\_1A-8A-42C | 8 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-8A-11A-42A | 8 |  |  | e | 16 | 25 | 25 | FDD |
| CA\_1A-11A-28A4 | 28 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-11A-28A5 | 28 |  |  | 12 | 25 |  |  | FDD |
| CA\_1A-20A-28A | 28 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-20A-32A-42A | 20 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-3A-20A-32A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| 20 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-3A-32A-42A-43A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_1A-28A | 28 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-1A-28A | 28 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_1A-28A-40A | 40 |  |  | 25 | 50 | 75 | 100 | TDD |
| CA\_1A-28A-42A | 28 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_2A-46A | 46 |  |  |  |  |  | 100 | TDD |
| CA\_2A-2A-46A | 46 |  |  |  |  |  | 100 | TDD |
| CA\_2A-71A | 71 |  |  | 25 | 251 | 201 | 201 | FDD |
| CA\_2A-71A | 2 |  |  | 25 | 50 | 50 | 50 | FDD |
| CA\_2A-2A-71A | 71 |  |  | 25 | 50 | 50 | 50 | FDD |
| CA\_2A-4A-12A | 12 |  |  | 8 | 16 | 20 | 20 | FDD |
| CA\_2A-4A-28A | 28 |  |  | 8 | 16 | 25 |  | FDD |
| CA\_2A-4A-71A  CA\_2A-2A-4A-71A | 71 |  |  | 25 | 50 | 50 | 50 | FDD |
| CA\_2A-4A-5A-12A | 12 |  |  | 8 | 16 |  |  | FDD |
| CA\_2A-4A-7A-12A | 12 |  |  | 8 | 16 |  |  | FDD |
| CA\_2A-4A-12A-30A | 12 |  |  | 8 | 16 |  |  | FDD |
| CA\_2A-5A-12A-66A | 12 |  |  | 8 | 16 | 20 | 20 | FDD |
| CA\_2A-7A-12A-66A | 12 |  |  | 8 | 16 |  |  | FDD |
| CA\_2A-12A-66A | 12 |  |  | 8 | 16 |  |  | FDD |
| CA\_2A-13A-48A | 2 |  |  | 25 | 50 | 501 | 501 | FDD |
| CA\_2A-13A-48A-66A | 2 |  |  | 25 | 50 | 501 | 501 | FDD |
| 66 |  |  | 121 | 251 | 361 | 501 |
| CA\_2A-48A  CA\_2A-48A-48A  CA\_2A-48A-48C  CA\_2A-48D | 2 |  |  | 25 | 50 | 501 | 501 | FDD |
| CA\_2A-48A-66A  CA\_2A-48C-66A  CA\_2A-48A-66A-66A | 2 |  |  | 25 | 50 | 501 | 501 | FDD |
| 66 |  |  | 121 | 251 | 361 | 501 | FDD |
| CA\_2A-66A-71A  CA\_2A-2A-66A-71A  CA\_2A-66A-66A-71A  CA\_2A-66C-71A | 71 |  |  | 25 | 50 | 50 | 50 | FDD |
| CA\_3A-7A-8A | 8 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_3C-7A-8A | 8 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_3A-7A-20A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_3A-7A-8A-40A | 8 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_3A-7A-28A-40A | 40 |  |  | 25 | 50 | 75 | 100 | TDD |
| CA\_3A-7A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_3A-8A-32A | 8 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_3A-8A-42A  CA\_3A-8A-42C | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_3A-8A-42A  CA\_3A-8A-42C | 8 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_3A-11A-28A | 28 |  |  | 12 | 25 |  |  | FDD |
| CA\_3A-18A-42A  CA\_3A-18A-42C | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_3A-19A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_3A-19A-21A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_3A-20A-32A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| 20 |  |  | 8 | 16 | 25 | 25 |
| CA\_3A-19A-21A-42C | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_3A-20A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_3A-21A-28A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_3A-21A-28A-42C | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_3A-21A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_3A-28A-40A | 40 |  |  | 25 | 50 | 75 | 100 | TDD |
| CA\_3A-28A-41A-42A | 3 |  |  |  | 25 | 36 | 50 | FDD |
| CA\_3A-28A-41A-42A | 28 |  |  |  | 10 | 15 | 20 | FDD |
| CA\_3A-31A | 31 |  |  | 5 | 5 | 5 | 5 | FDD |
| CA\_3A-32A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_3A-32A-42A-43A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_3A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_3A-3A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_3A-42A-42A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_3A-42A-43A | 3 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_4A-5A-12A | 12 |  |  | 8 | 16 | 20 | 20 | FDD |
| CA\_4A-7A-12A | 12 |  |  | 8 | 16 | 20 | 20 | FDD |
| CA\_4A-7A-28A | 28 |  |  | [8] | [16] | [25] | [25] | FDD |
| CA\_4A-12A | 12 | 2 | 5 | 8 | 16 | 20 | 20 | FDD |
| CA\_4A-12A-30A | 12 |  |  | 8 | 16 |  |  | FDD |
| CA\_4A-17A | 17 |  |  | 8 | 16 |  |  | FDD |
| CA\_4A-28A | 28 |  |  | [8] | [16] | [25] | [25] | FDD |
| CA\_5A-12A-66A | 12 |  |  | 8 | 16 | 20 | 20 | FDD |
| CA\_5A-48A-66A  CA\_5A-48A-66A-66A | 66 |  |  | 121 | 251 | 361 | 501 | FDD |
| CA\_7A-8A | 8 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_7A-8A-20A | 8 |  |  |  | 16 | 25 | 25 | FDD |
| CA\_7A-12A-66A | 12 |  |  | 8 | 16 |  |  | FDD |
| CA\_7A-12B-66A | 12 |  |  | 8 | 16 |  |  | FDD |
| CA\_7A-28A-40A | 40 |  |  | 25 | 50 | 75 | 100 | TDD |
| CA\_8A-42A | 8 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_8A\_11A\_42A  CA\_8A\_11A\_42C | 8 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_11A-28A | 28 |  |  | 12 | 25 |  |  | FDD |
| CA\_12A-30A-66A | 12 |  |  | 8 | 16 |  |  | FDD |
| CA\_12A-66A | 12 | 2 | 5 | 8 | 16 | 20 | 20 | FDD |
| CA\_13A-48A-66A  CA\_13A-48A-66A-66A  CA\_13A-48A-66B  CA\_13A-48A-66C  CA\_13A-48A-48A-66A  CA\_13A-48C-66A  CA\_13A-48D-66A  CA\_13A-48A-48C-66A  CA\_13A-48E-66A | 66 |  |  | 121 | 251 | 361 | 501 | FDD |
| CA\_20A-32A-42A | 20 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_20A-40A3  CA\_20A-40D3  CA\_20A-38A-40A-40A3  CA\_20A-38A-40C3 | 40 |  |  | 25 | 50 | 75 | 100 | TDD |
| CA\_20A-40C3 | 40 |  |  | 25 | 50 | 75 |  | TDD |
| CA\_20A-40A-40A3 | 40 |  |  | 25 | 50 | 75 |  | TDD |
| CA\_20A-38A-40A3 | 40 |  |  | 25 | 50 | 75 |  | TDD |
| CA\_20A-38A-40D3 | 40 |  |  | 25 | 50 | 75 |  | TDD |
| CA\_20A-41A  CA\_20A-41C  CA\_20A-41D | 20 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_20A-42A,  CA\_20A-42A-42A | 20 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_28A-32A | 28 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_28A-40A | 40 |  |  | 25 | 50 | 75 | 100 | TDD |
| CA\_28A-41A-42A | 28 |  |  |  | 10 | 15 | 20 | FDD |
| CA\_28A-42A | 28 |  |  | 5 | 10 | 15 | 20 | FDD |
| CA\_28A-66A | 28 |  |  | 8 | 16 | 25 | 25 | FDD |
| CA\_48A-66A | 66 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_48A-48A-66A | 66 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_48A-48A-66A-66A | 66 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_48A-48A-66B | 66 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_48A-48A-66C | 66 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_48C-66A-66A | 66 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_48C-66B | 66 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_48C-66C | 66 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_48A-66A-66A | 66 |  |  | 121 | 251 | 361 | 501 | FDD |
| CA\_48A-66B | 66 |  |  | 121 | 251 | 361 | 501 | FDD |
| CA\_48A-66C | 66 |  |  | 121 | 251 | 361 | 501 | FDD |
| CA\_48C-66A | 66 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_48E-66A | 66 |  |  | 12 | 25 | 36 | 50 | FDD |
| CA\_66A-70A-71A | 71 |  |  | 8 | 16 | 20 |  | FDD |
| CA\_66A-66A-70A-71A | 71 |  |  | 8 | 16 | 20 |  | FDD |
| CA\_66A-70C-71A | 71 |  |  | 8 | 16 | 20 | 20 | FDD |
| CA\_66A-66A-70C-71A | 71 |  |  | 8 | 16 | 20 | 20 | FDD |
| CA\_66C-70A-71A | 71 |  |  | 8 | 16 | 20 |  | FDD |
| CA\_66C-70C-71A | 71 |  |  | 8 | 16 | 20 | 20 | FDD |
| CA\_70A-71A | 71 |  |  | 8 | 16 | 20 |  | FDD |
| CA\_70C-71A | 71 |  |  | 8 | 16 | 20 | 20 | FDD |
| NOTE 1: refers to the UL resource blocks, which shall be centred within the transmission bandwidth configuration for the channel bandwidth.  NOTE 2: the UL configuration applies regardless of the channel bandwidth of the low band unless the UL resource blocks exceed that specified in Table 7.3.1-2 for the uplink bandwidth in which case the allocation according to Table 7.3.1-2 applies.  NOTE 3: 3 refers to the UL resource blocks shall be located between 2373-2400MHz.  NOTE 4: These configurations apply when there is at least one individual RE within the uplink transmission bandwidth of a low band for which the 3rd transmitter harmonic is within the downlink transmission bandwidth of a high band.  NOTE 5: These configurations apply when there is at least one individual RE within the uplink transmission bandwidth of a low band for which the 2nd transmitter harmonic is within the downlink transmission bandwidth of a high band. | | | | | | | | |

---End of changes---