Appendix B. SAR Tissue Specification

The brain mixtures consist of a viscous gel using hydrox-ethl cellullose(HEC) gelling agent and saline solution. Preservation with a bacteriacide is added and visual inspection is made to make sure air bubbles are not trapped during the mixing process. The mixture is calibrated to obtain proper dielectric constant (permittivity) and conductivity of the desired tissue.

Frequency (㎒)	**750 ~ 835**		**1 750**		**1 900**		**2 450**		**5 200 ~ 5 800**	
Tissue Type	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body
Ingredient	**% by weight**									
Water	40.29	51.97	53.00	68.00	55.00	70.50	72.00	73.00	65.52	80.00
Salt (NaCl)	1.38	0.93	0.40	0.20	0.35	0.30	0.10	0.10	0	0
Sugar	57.90	47.00	0	0	0	0	0	0	0	0
HEC	0.24	0	0	0	0	0	0	0	0	0
Bactericide	0.19	0.10	0	0	0	0	0	0	0	0
Triton X-100	0	0	0	0	0	0	20.00	0	17.24	0
DGBE	0	0	46.60	31.80	44.65	29.20	0	26.90	0	0
Diethylene glycol hexyl ether	0	0	0	0	0	0	7.90	0	17.24	0
Polysorbate (Tween) 80	0	0	0	0	0	0	0	0	0	20.00
Tissue parameter target by C. Gabriel and G. Harts grove.										

Salt: 99 % Pure Sodium Chloride
Sucrose: 98 % Pure Sucrose
Water: De-ionized, 16 M resistivity
HEC: Hydroxyethyl Cellulose
DGBE: 99 % Di(ethylene glycol) butyl ether, [2-(2-butoxyethoxy) ethanol]
Triton X-100(ultra-pure): Polyethylene glycol mono[4-(1,1,3,3-tetramethybutyl)phenyl] ether

Appendix C. LTE CA RF Conducted Power

C.1 LTE Downlink Carrier Aggregation

The tables below show the supported frequency bands of the device for DL Inter-band and DL Intra-band combinations.

Power measurements were performed on the channel with the highest maximum output power from Tune-up Procedure.

In applying the power measurement procedures of KDB 941225 D05A for DL CA to qualify for UL SAR test exclusion, power measurement is required only for the subset in each row with the largest combination of frequency bands and CCs

Index	2CC	Restriction	Completely Covered by Measurement Superset	Reverse
2CC #1	2A-2A		3CC #1	N/A
2CC #2	2C		3CC #10	N/A
2CC #3	2A-4A		3CC #1	Yes
2CC #4	2A-5A		3CC #2	Yes
2CC #5	2A-7A		3CC #3	Yes
2CC #6	2A-12A		3CC #4	Yes
2CC #7	2A-13A		3CC #5	Yes
2CC #8	2A-14A		3CC #6	Yes
2CC #9	2A-29A	B29 SCC only	3CC #7	N/A
2CC #10	2A-30A		3CC #8	Yes
2CC #11	2A-48A	B48 SCC only	3CC #23	N/A
2CC #12	2A-66A		3CC #24	Yes
2CC #13	2A-71A		3CC #11	Yes
2CC #14	4A-4A		3CC #48	N/A
2CC #15	4A-5A		3CC #48	Yes
2CC #16	4A-7A		3CC #49	Yes
2CC #17	4A-12A		3CC #50	Yes
2CC #18	4A-13A		3CC #51	Yes
2CC #19	4A-29A	B29 SCC only	3CC #52	N/A
2CC #20	4A-30A		3CC #55	Yes
2CC #21	4A-48A	B48 SCC only		N/A
2CC #22	4A-71A		3CC #53	Yes
2CC #23	5A-5A		3CC #64	N/A
2CC #24	5B		3CC #65	N/A
2CC #25	5A-7A		3CC #66	Yes
2CC #26	5A-25A			Yes
2CC #27	5A-30A		3CC #69	Yes
2CC #28	5A-41A	B41 SCC only		N/A
2CC #29	5A-48A	B48 SCC only	3CC #70	N/A
2CC #30	5A-66A		3CC #64	Yes
2CC #31	7A-7A		3CC #66	N/A
2CC #32	7C		3CC #67	N/A
2CC #33	7A-12A		3CC #83	Yes
2CC #34	7A-13A		3CC #84	Yes
2CC #35	7A-25A		3CC #85	Yes
2CC #36	7A-29A	B29 SCC only	3CC #87	N/A
2CC #37	7A-66A		3CC #80	Yes
2CC #38	12B		3CC #31	N/A

2CC #39	12A-25A			Yes
2CC #40	12A-30A		3CC #32	Yes
2CC #41	12A-48A	B48 SCC only		N/A
2CC #42	12A-66A		3CC #33	Yes
2CC #43	13A-48A	B48 SCC only	3CC #34	N/A
2CC #44	13A-66A		3CC #35	Yes
2CC #45	14A-30A		3CC #36	Yes
2CC #46	14A-66A		3CC #37	Yes
2CC #47	25A-25A		3CC #101	N/A
2CC #48	25A-26A		3CC #101	Yes
2CC #49	25A-41A	B41 SCC only	3CC #103	N/A
2CC #50	25A-66A		3CC #102	Yes
2CC #51	26A-41A	B41 SCC only	3CC #104	N/A
2CC #52	29A-30A	B29 SCC only	3CC #107	N/A
2CC #53	29A-66A	B29 SCC only	3CC #108	N/A
2CC #54	30A-66A		3CC #109	Yes
2CC #55	41A-41A		3CC #110	N/A
2CC #56	41C		3CC #110	N/A
2CC #57	48A-48A		3CC #114	N/A
2CC #58	48B			N/A
2CC #59	48C		3CC #115	N/A
2CC #60	48A-66A	B48 SCC only	3CC #116	N/A
2CC #61	48A-71A	B48 SCC only	3CC #115	N/A
2CC #62	66A-66A		3CC #116	N/A
2CC #63	66B		3CC #117	N/A
2CC #64	66C		3CC #118	N/A
2CC #65	66A-71A		3CC #124	Yes

Index	3CC	Restriction	Completely Covered by Measurement Superset	Reverse
3CC #1	2A-2A-4A		4CC #1	Yes
3CC #2	2A-2A-5A		4CC #2	Yes
3CC #3	2A-2A-7A		4CC #6	Yes
3CC #4	2A-2A-12A		4CC #3	Yes
3CC #5	2A-2A-13A		4CC #12	Yes
3CC #6	2A-2A-14A		4CC #18	Yes
3CC #7	2A-2A-29A	B29 SCC only	4CC #20	N/A
3CC #8	2A-2A-30A		4CC #22	Yes
3CC #9	2A-2A-66A		4CC #16	Yes
3CC #10	2C-66A		4CC #26	Yes
3CC #11	2A-2A-71A		4CC #27	Yes
3CC #12	2A-4A-4A		4CC #1	Yes
3CC #13	2A-4A-5A		4CC #2	Yes
3CC #14	2A-4A-7A		4CC #32	Yes
3CC #15	2A-4A-12A		4CC #34	Yes
3CC #16	2A-4A-13A			Yes
3CC #17	2A-4A-29A	B29 SCC only	4CC #37	Yes
3CC #18	2A-4A-30A		4CC #31	Yes
3CC #19	2A-4A-71A		4CC #4	Yes
3CC #20	2A-5B		4CC #5	Yes
3CC #21	2A-5A-7A		4CC #6	Yes
3CC #22	2A-5A-30A		4CC #7	Yes
3CC #23	2A-5A-48A	B48 SCC only		Yes
3CC #24	2A-5A-66A		4CC #47	Yes
3CC #25	2A-7A-7A		4CC #49	Yes
3CC #26	2A-7C		4CC #50	Yes
3CC #27	2A-7A-12A		4CC #56	Yes
3CC #28	2A-7A-13A		4CC #57	Yes
3CC #29	2A-7A-29A	B29 SCC only	4CC #58	Yes
3CC #30	2A-7A-66A		4CC #59	Yes
3CC #31	2A-12B		4CC #60	Yes
3CC #32	2A-12A-30A		4CC #61	Yes
3CC #33	2A-12A-66A		4CC #62	Yes
3CC #34	2A-13A-48A	B48 SCC only	4CC #65	Yes
3CC #35	2A-13A-66A		4CC #68	Yes
3CC #36	2A-14A-30A		4CC #69	Yes
3CC #37	2A-14A-66A		4CC #70	Yes
3CC #38	2A-29A-30A	B29 SCC only	4CC #71	Yes
3CC #39	2A-29A-66A	B29 SCC only	4CC #72	Yes
3CC #40	2A-30A-66A		4CC #73	Yes
3CC #41	2A-48A-48A	B48 SCC only	4CC #76	N/A
3CC #42	2A-48C	B48 SCC only	4CC #77	N/A
3CC #43	2A-48A-66A	B48 SCC only	4CC #78	Yes
3CC #44	2A-66A-66A		4CC #79	Yes
3CC #45	2A-66B		4CC #80	Yes
3CC #46	2A-66C		4CC #82	Yes
3CC #47	2A-66A-71A		4CC #81	Yes
3CC #48	4A-4A-5A		4CC #28	Yes
3CC #49	4A-4A-7A			Yes
3CC #50	4A-4A-12A		4CC #29	Yes
3CC #51	4A-4A-13A			Yes
3CC #52	4A-4A-29A	B29 SCC only		N/A
3CC #53	4A-4A-71A			Yes

3CC #54	4A-5B		4CC #83	Yes
3CC #55	4A-5A-30A		4CC #31	Yes
3CC #56	4A-7A-7A		4CC #32	Yes
3CC #57	4A-7C		4CC #33	Yes
3CC #58	4A-7A-12A		4CC #34	Yes
3CC #59	4A-12B		4CC #84	Yes
3CC #60	4A-12A-30A		4CC #36	Yes
3CC #61	4A-29A-30A	B29 SCC only	4CC #37	Yes
3CC #62	4A-48C	B48 SCC only		N/A
3CC #63	5B-30A		4CC #86	Yes
3CC #64	5A-5A-66A		4CC #87	Yes
3CC #65	5B-66A		4CC #86	Yes
3CC #66	5A-7A-7A		4CC #93	Yes
3CC #67	5A-7C		4CC #94	Yes
3CC #68	5A-7A-66A		4CC #95	Yes
3CC #69	5A-30A-66A		4CC #96	Yes
3CC #70	5A-48C	B48 SCC only	4CC #98	N/A
3CC #71	5A-48A-66A	B48 SCC only	4CC #99	Yes
3CC #72	5A-66A-66A		4CC #99	Yes
3CC #73	5A-66B		4CC #88	Yes
3CC #74	5A-66C		4CC #89	Yes
3CC #75	7A-7A-13A		4CC #100	Yes
3CC #76	7C-13A		4CC #101	Yes
3CC #77	7C-25A		4CC #103	Yes
3CC #78	7A-7A-29A	B29 SCC only	4CC #106	N/A
3CC #79	7C-29A	B29 SCC only	4CC #107	N/A
3CC #80	7A-7A-66A		4CC #108	Yes
3CC #81	7C-66A		4CC #109	Yes
3CC #82	7A-12B		4CC #111	Yes
3CC #83	7A-12A-66A		4CC #110	Yes
3CC #84	7A-13A-66A		4CC #57	Yes
3CC #85	7A-25A-25A		4CC #102	Yes
3CC #86	7A-25A-66A		4CC #104	Yes
3CC #87	7A-29A-66A	B29 SCC only	4CC #106	Yes
3CC #88	7A-66A-66A		4CC #108	Yes
3CC #89	12B-66A		4CC #111	Yes
3CC #90	12A-30A-66A		4CC #114	Yes
3CC #91	12A-48C	B48 SCC only		N/A
3CC #92	12A-66A-66A		4CC #114	Yes
3CC #93	12A-66C		4CC #63	Yes
3CC #94	13A-48C	B48 SCC only	4CC #64	N/A
3CC #95	13A-48A-66A	B48 SCC only	4CC #65	Yes
3CC #96	13A-66A-66A		4CC #66	Yes
3CC #97	13A-66B		4CC #67	Yes
3CC #98	13A-66C		4CC #68	Yes
3CC #99	14A-30A-66A		4CC #69	Yes
3CC #100	14A-66A-66A		4CC #70	Yes
3CC #101	25A-25A-26A			Yes
3CC #102	25A-25A-66A		4CC #112	Yes
3CC #103	25A-25A-41A	B41 SCC only		N/A
3CC #104	25A-26A-41A	B41 SCC only		Yes
3CC #105	25A-41C	B41 SCC only	4CC #123	N/A
3CC #106	26A-41C	B41 SCC only	4CC #124	N/A
3CC #107	29A-30A-66A	B29 SCC only	4CC #126	Yes
3CC #108	29A-66A-66A	B29 SCC only	4CC #126	N/A

3CC #109	30A-66A-66A		4CC #126	Yes
3CC #110	41A-41C			Yes
3CC #111	41D		4CC #127	N/A
3CC #112	48A-48C			Yes
3CC #113	48D		4CC #130	N/A
3CC #114	48A-48A-66A	B48 SCC only	4CC #134	N/A
3CC #115	48C-71A	B48 SCC only		N/A
3CC #116	48A-66A-66A	B48 SCC only	4CC #134	N/A
3CC #117	48A-66B	B48 SCC only	4CC #135	N/A
3CC #118	48A-66C	B48 SCC only	4CC #136	N/A
3CC #119	48C-66A	B48 SCC only	4CC #137	N/A
3CC #120	66A-66A-66A		4CC #79	N/A
3CC #121	66A-66B		4CC #80	Yes
3CC #122	66A-66C		4CC #120	Yes
3CC #123	66D		4CC #121	N/A
3CC #124	66A-66A-71A		4CC #81	Yes
3CC #125	66C-71A		4CC #82	Yes

Index	4CC	Restriction	Completely Covered by Measurement Superset	Reverse
4CC #1	2A-2A-4A-4A			Yes
4CC #2	2A-2A-4A-5A			Yes
4CC #3	2A-2A-4A-12A			Yes
4CC #4	2A-2A-4A-71A			Yes
4CC #5	2A-2A-5B			Yes
4CC #6	2A-2A-5A-7A			Yes
4CC #7	2A-2A-5A-30A			Yes
4CC #8	2A-2A-5A-66A			Yes
4CC #9	2A-2A-7A-7A			Yes
4CC #10	2A-2A-7C			Yes
4CC #11	2A-2A-7A-12A			Yes
4CC #12	2A-2A-7A-13A			Yes
4CC #13	2A-2A-7A-66A			Yes
4CC #14	2A-2A-12B			Yes
4CC #15	2A-2A-12A-30A			Yes
4CC #16	2A-2A-12A-66A			Yes
4CC #17	2A-2A-13A-66A			Yes
4CC #18	2A-2A-14A-30A			Yes
4CC #19	2A-2A-14A-66A			Yes
4CC #20	2A-2A-29A-30A	B29 SCC only		Yes
4CC #21	2A-2A-29A-66A	B29 SCC only		Yes
4CC #22	2A-2A-30A-66A			Yes
4CC #23	2A-2A-66A-66A			Yes
4CC #24	2A-2A-66B			Yes
4CC #25	2A-2A-66C			Yes
4CC #26	2C-66A-66A			Yes
4CC #27	2A-2A-66A-71A			Yes
4CC #28	2A-4A-4A-5A			Yes
4CC #29	2A-4A-4A-12A			Yes
4CC #30	2A-4A-5B			Yes
4CC #31	2A-4A-5A-30A			Yes
4CC #32	2A-4A-7A-7A			Yes
4CC #33	2A-4A-7C			Yes
4CC #34	2A-4A-7A-12A			Yes
4CC #35	2A-4A-12B			Yes
4CC #36	2A-4A-12A-30A			Yes
4CC #37	2A-4A-29A-30A	B29 SCC only		Yes
4CC #38	2A-5B-30A			Yes
4CC #39	2A-5B-66A			Yes
4CC #40	2A-5A-7A-7A			Yes
4CC #41	2A-5A-7C			Yes
4CC #42	2A-5A-7A-66A			Yes
4CC #43	2A-5A-30A-66A			Yes
4CC #44	2A-5A-48C	B48 SCC only		Yes
4CC #45	2A-5A-48A-66A	B48 SCC only		Yes
4CC #46	2A-5A-66A-66A			Yes
4CC #47	2A-5A-66B			Yes
4CC #48	2A-5A-66C			Yes
4CC #49	2A-7A-7A-13A			Yes
4CC #50	2A-7C-13A			Yes
4CC #51	2A-7A-7A-29A	B29 SCC only		Yes
4CC #52	2A-7C-29A	B29 SCC only		Yes
4CC #53	2A-7A-7A-66A			Yes

4CC #54	2A-7C-66A			Yes
4CC #55	2A-7A-12B			Yes
4CC #56	2A-7A-12A-66A			Yes
4CC #57	2A-7A-13A-66A			Yes
4CC #58	2A-7A-29A-66A	B29 SCC only		Yes
4CC #59	2A-7A-66A-66A			Yes
4CC #60	2A-12B-66A			Yes
4CC #61	2A-12A-30A-66A			Yes
4CC #62	2A-12A-66A-66A			Yes
4CC #63	2A-12A-66C			Yes
4CC #64	2A-13A-48C	B48 SCC only		Yes
4CC #65	2A-13A-48A-66A	B48 SCC only		Yes
4CC #66	2A-13A-66A-66A			Yes
4CC #67	2A-13A-66B			Yes
4CC #68	2A-13A-66C			Yes
4CC #69	2A-14A-30A-66A			Yes
4CC #70	2A-14A-66A-66A			Yes
4CC #71	2A-29A-30A-66A	B29 SCC only		Yes
4CC #72	2A-29A-66A-66A	B29 SCC only		Yes
4CC #73	2A-30A-66A-66A			Yes
4CC #74	2A-48A-48C	B48 SCC only		N/A
4CC #75	2A-48D	B48 SCC only		N/A
4CC #76	2A-48A-48A-66A	B48 SCC only		Yes
4CC #77	2A-48C-66A	B48 SCC only		Yes
4CC #78	2A-48A-66A-66A	B48 SCC only		Yes
4CC #79	2A-66A-66A-66A			Yes
4CC #80	2A-66A-66B			Yes
4CC #81	2A-66A-66A-71A			Yes
4CC #82	2A-66C-71A			Yes
4CC #83	4A-4A-5B			Yes
4CC #84	4A-4A-12B			Yes
4CC #85	4A-48D	B48 SCC only		N/A
4CC #86	5B-30A-66A			Yes
4CC #87	5A-5A-66A-66A			Yes
4CC #88	5A-5A-66B			Yes
4CC #89	5A-5A-66C			Yes
4CC #90	5B-66A-66A			Yes
4CC #91	5B-66B			Yes
4CC #92	5B-66C			Yes
4CC #93	5A-7A-7A-66A			Yes
4CC #94	5A-7C-66A			Yes
4CC #95	5A-7A-66A-66A			Yes
4CC #96	5A-30A-66A-66A			Yes
4CC #97	5A-48D	B48 SCC only		N/A
4CC #98	5A-48C-66A	B48 SCC only		Yes
4CC #99	5A-48A-66A-66A	B48 SCC only		Yes
4CC #100	7A-7A-13A-66A			Yes
4CC #101	7C-13A-66A			Yes
4CC #102	7A-7A-25A-25A			Yes
4CC #103	7C-25A-25A			Yes
4CC #104	7A-7A-25A-66A			Yes
4CC #105	7C-25A-66A			Yes
4CC #106	7A-7A-29A-66A	B29 SCC only		Yes
4CC #107	7C-29A-66A	B29 SCC only		Yes
4CC #108	7A-7A-66A-66A			Yes

4CC #109	7C-66A-66A			Yes
4CC #110	7A-12A-66A-66A			Yes
4CC #111	7A-12B-66A			Yes
4CC #112	7A-25A-25A-66A			Yes
4CC #113	12B-66A-66A			Yes
4CC #114	12A-30A-66A-66A			Yes
4CC #115	13A-48D	B48 SCC only		N/A
4CC #116	13A-48C-66A	B48 SCC only		Yes
4CC #117	13A-48A-66B	B48 SCC only		Yes
4CC #118	13A-48A-66C	B48 SCC only		Yes
4CC #119	13A-66A-66B			Yes
4CC #120	13A-66A-66C			Yes
4CC #121	13A-66D			Yes
4CC #122	14A-30A-66A-66A			Yes
4CC #123	25A-25A-41C	B41 SCC only		N/A
4CC #124	25A-26A-41C	B41 SCC only		Yes
4CC #125	25A-41D	B41 SCC only		N/A
4CC #126	29A-30A-66A-66A	B29 SCC only		Yes
4CC #127	41A-41D			Yes
4CC #128	41C-41C			N/A
4CC #129	41E			N/A
4CC #130	48A-48D			Yes
4CC #131	48C-48C			N/A
4CC #132	48E			N/A
4CC #133	48A-48C-66A	B48 SCC only		N/A
4CC #134	48A-48A-66A-66A	B48 SCC only		N/A
4CC #135	48A-48A-66B	B48 SCC only		N/A
4CC #136	48A-48A-66C	B48 SCC only		N/A
4CC #137	48C-66A-66A	B48 SCC only		N/A
4CC #138	48C-66B	B48 SCC only		N/A
4CC #139	48C-66C	B48 SCC only		N/A
4CC #140	48D-66A	B48 SCC only		N/A

Note: Only yellow highlight cells need power measurement according to LTE DL CA SAR test Exclusion in TCB workshop (April 2018).

In applying the power measurement procedures of KDB 941225 D05A for DL CA to qualify for UL SAR test exclusion, power measurement is required only for the CA configuration with the largest aggregated DL CA BW in each frequency band, independently for contiguous and non-contiguous CA; however, if the same frequency band is used for both contiguous and non-contiguous CA, power measurement was performed using the configuration with the largest aggregated BW and maximum output power among contiguous and non-contiguous CA.

C.1.1 Downlink Carrier Aggregation RF Conducted Powers

C.1.1.1 LTE Band 2 as PCC

Combination	PCC									SCC 1					SCC 2					SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_2A-4A-13A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B13	10	5230	751.0					24.95	25.00
CA_2A-5A-48A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B48	20	55990	3625.0					24.97	25.00
CA_2A-2A-4A-4A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2050	2120.0	B4	5	2292	2131.7	24.92	25.00
CA_2A-2A-4A-5A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B5	10	2525	881.5	24.94	25.00
CA_2A-2A-4A-12A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B12	10	5095	737.5	24.89	25.00
CA_2A-2A-4A-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B71	20	68761	634.0	24.91	25.00
CA_2A-2A-5B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B5	10	2525	881.5	B5	5	2453	874.3	24.86	25.00
CA_2A-2A-5A-7A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B5	10	2525	881.5	B7	20	3100	2655.0	24.81	25.00
CA_2A-2A-5A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B5	10	2525	881.5	B30	10	9820	2355.0	24.83	25.00
CA_2A-2A-5A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B5	10	2525	881.5	B66	20	66786	2145.0	24.81	25.00
CA_2A-2A-7A-7A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B7	20	3350	2680.0	24.89	25.00
CA_2A-2A-7C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B7	20	3298	2674.8	24.94	25.00
CA_2A-2A-7A-12A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B12	10	5095	737.5	24.89	25.00
CA_2A-2A-7A-13A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B13	10	5230	751.0	24.90	25.00
CA_2A-2A-7A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B66	20	66786	2145.0	24.20	25.00
CA_2A-2A-12B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B12	5	5095	737.5	B12	5	5023	732.7	24.30	25.00
CA_2A-2A-12A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B12	10	5095	737.5	B30	10	9820	2355.0	24.50	25.00
CA_2A-2A-12A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B12	10	5095	737.5	B66	20	66786	2145.0	24.70	25.00
CA_2A-2A-13A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B13	10	5230	751.0	B66	20	66786	2145.0	24.80	25.00
CA_2A-2A-14A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B14	10	5330	763.0	B30	10	9820	2355.0	24.90	25.00
CA_2A-2A-14A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B14	10	5330	763.0	B66	20	66786	2145.0	24.10	25.00
CA_2A-2A-29A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B29	10	9715	722.5	B30	10	9820	2355.0	24.30	25.00
CA_2A-2A-29A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B29	10	9715	722.5	B66	20	66786	2145.0	24.50	25.00
CA_2A-2A-30A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B30	10	9820	2355.0	B66	20	66786	2145.0	24.20	25.00
CA_2A-2A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B66	10	67036	2170.0	24.30	25.00
CA_2A-2A-66B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	10	66786	2145.0	B66	10	66885	2154.9	24.50	25.00
CA_2A-2A-66C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B66	20	66984	2164.8	24.60	25.00
CA_2C-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	902	1960.2	B66	20	66786	2145.0	B66	20	67036	2170.0	24.70	25.00
CA_2A-2A-66A-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B71	20	68761	634.5	24.20	25.00
CA_2A-4A-4A-5A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2050	2120.0	B4	20	2300	2145.0	B5	10	2525	881.5	24.60	25.00
CA_2A-4A-4A-12A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2050	2120.0	B4	20	2300	2145.0	B12	10	5095	737.5	24.66	25.00
CA_2A-4A-5B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B5	10	2525	881.5	B5	5	2453	874.3	24.90	25.00
CA_2A-4A-5A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B5	10	2525	881.5	B30	10	9820	2355.0	23.90	25.00
CA_2A-4A-7A-7A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B7	20	3100	2655.0	B7	20	3350	2680.0	24.60	25.00
CA_2A-5A-7C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B7	20	3100	2655.0	B7	20	3298	2674.8	24.50	25.00
CA_2A-5A-7A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B7	20	3100	2655.0	B66	20	66786	2145.0	24.61	25.00
CA_2A-5A-30A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B30	10	9820	2355.0	B66	20	66786	2145.0	24.76	25.00
CA_2A-5A-48C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B48	20	55990	3625.0	B48	20	56188	3644.8	24.84	25.00
CA_2A-5A-48A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B48	20	55990	3625.0	B66	20	66786	2145.0	24.35	25.00
CA_2A-5A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B66	20	66786	2145.0	B66	20	67036	2170.0	24.65	25.00
CA_2A-5A-66B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B66	10	66786	2145.0	B66	10	66885	2154.9	24.78	25.00
CA_2A-5A-66C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B66	20	66786	2145.0	B66	20	66984	2164.8	23.90	25.00
CA_2A-7A-7A-13A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B7	20	3350	2680.0	B13	10	5230	751.0	24.88	25.00
CA_2A-7C-13A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B7	20	3298	2674.8	B13	10	5230	751.0	24.77	25.00
CA_2A-7A-7A-29A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B7	20	3350	2680.0	B29	10	9715	722.5	24.76	25.00
CA_2A-7C-29A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B7	20	3298	2674.8	B29	10	9715	722.5	24.85	25.00
CA_2A-7A-7A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B7	20	3350	2680.0	B66	20	66786	2145.0	24.35	25.00
CA_2A-7C-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B7	20	3298	2674.8	B66	20	66786	2145.0	24.56	25.00
CA_2A-7A-12B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B12	5	5095	737.5	B12	5	5023	732.7	24.38	25.00
CA_2A-7A-12A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B12	10	5095	737.5	B66	20	66786	2145.0	24.66	25.00
CA_2A-7A-13A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B13	10	5230	751.0	B66	20	66786	2145.0	24.65	25.00
CA_2A-7A-29A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B29	10	9715	722.5	B66	20	66786	2145.0	24.65	25.00
CA_2A-7A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B66	20	66786	2145.0	B66	10	67036	2170.0	23.75	25.00
CA_2A-12B-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	10	5095	737.5	B12	10	5095	737.5	B66	15	66786	2145.0	24.56	25.00
CA_2A-12A-30A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	10	5095	737.5	B30	10	9820	2355.0	B66	20	66786	2145.0	24.65	25.00
CA_2A-12A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	10	5095	737.5	B66	20	66786	2145.0	B66	20	67036	2170.0	24.70	25.00
CA_2A-12A-66C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	10	5095	737.5	B66	20	66786	2145.0	B66	20	66984	2164.8	24.80	25.00
CA_2A-13A-48C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B48	20	55990	3625.0	B48	20	56188	3644.8	24.56	25.00
CA_2A-13A-48A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B48	20	55990	3625.0	B66	20	66786	2145.0	24.45	25.00
CA_2A-13A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.65	25.00
CA_2A-13A-66B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B66	10	66786	2145.0	B66	10	66885	2154.9	24.80	25.00
CA_2A-13A-66C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B66	20	66786	2145.0	B66	20	66984	2164.8	24.55	25.00
CA_2A-14A-30A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B14	10	5330	763.0	B30	10	9820	2355.0	B66	20	66786	2145.0	24.70	25.00
CA_2A-14A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B14	10	5330	763.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.65	25.00
CA_2A-29A-30A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B29	10	9715	722.5	B30	10	9820	2355.0	B66	20	66786	2145.0	24.56	25.00
CA_2A-29A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B29	10	9715	722.5	B66	20	66786	2145.0	B66	20	67036	2170.0	24.75	25.00
CA_2A-30A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B30	10	9820	2355.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.65	25.00
CA_2A-48A-48C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B48	20	56640	3690.0	B48	20	56442	3670.2	24.66	25.00
CA_2A-48D	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B48	20	56188	3644.8	B48	20	56386	3664.6	24.74	25.00
CA_2A-48A-48A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B48	20	56640	3690.0	B66	20	66786	2145.0	24.75	25.00
CA_2A-48C-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B48	20	56188	3644.8	B66	20	66786	2145.0	24.65	25.00
CA_2A-48A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.64	25.00
CA_2A-66A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	20	66786	2145.0	B66	20	67036	2170.0	B66	20	66536	2120.0	24.75	25.00
CA_2A-66A-66B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	20	66786	2145.0	B66	10	66930	2159.4	B66	10	67029	2169.3	24.85	25.00
CA_2A-66A-66A-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	20	66786	2145.0	B66	20	67036	2170.0	B71	20	68761	634.5	24.77	25.00
CA_2A-66C-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	20	66786	2145.0	B66	20	66984	2164.8	B71	20	68761	634.5	24.65	25.00

C.1.1.2 LTE Band 4 as PCC

Combination	PCC									SCC 1					SCC 2					SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_4A-48A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B48	20	55990	3625.0									24.88	24.90
CA_2A-4A-13A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B13	10	5230	751.0					24.87	24.90
CA_4A-4A-7A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B7	20	3100	2655.0					24.86	24.90
CA_4A-4A-13A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B13	10	5230	751.0					24.80	24.90
CA_4A-4A-29A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B29	10	9715	722.5					24.78	24.90
CA_4A-4A-71A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B71	20	68761	634.5					24.81	24.90
CA_4A-48C	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B48	20	55990	3625.0	B48	20	56188	3644.8					24.86	24.90
CA_2A-2A-4A-4A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	900	1960.0	B2	20	1100	1980.0	24.83	24.90
CA_2A-2A-4A-5A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B2	20	1100	1980.0	B5	10	2525	881.5	24.82	24.90
CA_2A-2A-4A-12A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	24.86	24.90
CA_2A-2A-4A-71A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B2	20	1100	1980.0	B71	20	68761	634.5	24.86	24.90
CA_2A-4A-4A-5A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	900	1960.0	B5	10	2525	881.5	24.80	24.90
CA_2A-4A-4A-12A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	900	1960.0	B12	10	5095	737.5	24.88	24.90
CA_2A-4A-12B	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B12	5	5095	737.5	B12	5	5023	732.7	24.86	24.90
CA_2A-4A-12A-30A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B12	10	5095	737.5	B30	10	66786	2145.0	24.80	24.90
CA_2A-4A-29A-30A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B29	10	9715	722.5	B30	10	66786	2145.0	24.85	24.90
CA_4A-4A-5B	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B5	10	2525	881.5	B5	5	2453	874.3	24.86	24.90
CA_4A-4A-12B	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B12	5	5095	737.5	B12	5	5023	732.7	24.80	24.90
CA_4A-48D	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B48	20	55990	3625.0	B48	20	56188	3644.8	B48	20	56386	3664.6	24.81	24.90

C.1.1.3 LTE Band 5 as PCC

Combination	PCC									SCC 1					SCC 2					SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_5A-25A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B25	20	8365	1962.5									23.82	23.85
CA_5A-41A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B41	20	40620	2593.0									23.75	23.85
CA_2A-5A-48A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B48	20	55990	3625.0					23.81	23.85
CA_4A-5A-30A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B4	20	2175	2132.5	B30	10	9820	2355.0					23.68	23.85
CA_2A-2A-4A-5A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B2	20	1100	1980.0	B4	20	2175	2132.5	23.82	23.85
CA_2A-2A-5B	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B2	20	900	1960.0	B2	20	1100	1980.0	23.81	23.85
CA_2A-2A-5A-7A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B2	20	1100	1980.0	B7	20	3100	2655.0	23.84	23.85
CA_2A-2A-5A-30A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	23.81	23.85
CA_2A-2A-5A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.79	23.85
CA_2A-4A-4A-5A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B4	20	2175	2132.5	B4	20	2300	2145.0	23.78	23.85
CA_2A-4A-5B	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B2	20	900	1960.0	B4	20	2175	2132.5	23.83	23.85
CA_2A-4A-5A-30A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B4	20	2175	2132.5	B30	10	9820	2355.0	23.81	23.85
CA_2A-5B-30A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B2	20	900	1960.0	B30	10	9820	2355.0	23.84	23.85
CA_2A-5B-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B2	20	900	1960.0	B66	20	66786	2145.0	23.84	23.85
CA_2A-5A-7A-7A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3350	2680.0	23.82	23.85
CA_2A-5A-7C	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3298	2674.8	23.81	23.85
CA_2A-5A-7A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B7	20	3100	2655.0	B66	20	66786	2145.0	23.83	23.85
CA_2A-5A-30A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B30	10	9820	2355.0	B66	20	66786	2145.0	23.81	23.85
CA_2A-5A-48C	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B48	20	55990	3625.0	B48	20	56188	3644.8	23.76	23.85
CA_2A-5A-48A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	23.81	23.85
CA_2A-5A-66A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.78	23.85
CA_2A-5A-66B	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B66	10	66930	1974.4	B66	10	67029	1984.3	23.81	23.85
CA_2A-5A-66C	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	66984	2164.8	23.82	23.85
CA_5B-30A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B30	10	9820	2355.0	B66	20	66786	2145.0	23.79	23.85
CA_5A-5A-66A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	10	2600	889.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.81	23.85
CA_5A-5A-66B	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	10	2600	889.0	B66	10	66786	2145.0	B66	10	66885	2154.9	23.81	23.85
CA_5A-5A-66C	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	10	2600	889.0	B66	20	66786	2145.0	B66	20	66984	2164.8	23.82	23.85
CA_5B-66A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B66	20	66786	2145.0	B66	20	67036	2170.0	23.77	23.85
CA_5B-66B	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B66	10	66786	2145.0	B66	10	66885	2154.9	23.76	23.85
CA_5B-66C	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B66	20	66786	2145.0	B66	20	66984	2164.8	23.81	23.85
CA_5A-7A-7A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B7	20	3100	2655.0	B7	20	3350	2680.0	B66	20	66786	2145.0	23.81	23.85
CA_5A-7C-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B7	20	3100	2655.0	B7	20	3298	2674.8	B66	20	66786	2145.0	23.84	23.85
CA_5A-7A-66A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B7	20	3100	2655.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.81	23.85
CA_5A-30A-66A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B30	10	9820	2355.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.79	23.85
CA_5A-48D	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B48	20	55990	3625.0	B48	20	56188	3644.8	B48	20	56386	3664.6	23.76	23.85
CA_5A-48A-48A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B48	20	55990	3625.0	B48	20	56640	3690.0	B66	20	67036	2170.0	23.74	23.85
CA_5A-48C-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B48	20	55990	3625.0	B48	20	56188	3644.8	B66	20	67036	2170.0	23.81	23.85
CA_5A-48A-66A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B48	20	55990	3625.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.83	23.85

C.1.1.4 LTE Band 7 as PCC

Combination	PCC									SCC 1					SCC 2					SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_4A-4A-7A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B4	20	2175	2132.5	B4	5	2292	2144.2					23.47	23.48
CA_2A-2A-5A-7A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B2	20	1100	1980.0	B5	10	2525	881.5	23.45	23.48
CA_2A-2A-7A-7A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B2	20	900	1960.0	B2	20	1100	1980.0	23.44	23.48
CA_2A-2A-7C	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B2	20	900	1960.0	B2	20	1100	1980.0	23.42	23.48
CA_2A-2A-7A-12A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	23.45	23.48
CA_2A-2A-7A-13A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B2	20	1100	1980.0	B13	10	5230	751.0	23.47	23.48
CA_2A-2A-7A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.46	23.48
CA_2A-4A-7A-7A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B2	20	1100	1980.0	B4	20	2175	2132.5	23.45	23.48
CA_2A-4A-7C	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B2	20	1100	1980.0	B4	20	2175	2132.5	23.44	23.48
CA_2A-4A-7A-12A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B4	20	2175	2132.5	B12	10	5095	737.5	23.39	23.48
CA_2A-5A-7A-7A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B2	20	1100	1980.0	B5	10	2525	881.5	23.41	23.48
CA_2A-5A-7C	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B2	20	1100	1980.0	B5	10	2525	881.5	23.42	23.48
CA_2A-5A-7A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B5	10	2525	881.5	B66	20	66786	2145.0	23.45	23.48
CA_2A-7A-7A-13A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B2	20	1100	1980.0	B13	10	5230	751.0	23.46	23.48
CA_2A-7C-13A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B2	20	1100	1980.0	B13	10	5230	751.0	23.47	23.48
CA_2A-7A-7A-29A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B2	20	1100	1980.0	B29	10	9715	722.5	23.46	23.48
CA_2A-7C-29A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B2	20	1100	1980.0	B29	10	9715	722.5	23.45	23.48
CA_2A-7A-7A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.41	23.48
CA_2A-7C-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B2	20	1100	1980.0	B66	20	66786	2145.0	23.43	23.48
CA_2A-7A-12B	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B12	5	5095	737.5	B12	5	5023	732.7	23.41	23.48
CA_2A-7A-12A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B12	10	5095	737.5	B66	20	66786	2145.0	23.42	23.48
CA_2A-7A-13A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B13	10	5230	751.0	B66	20	66786	2145.0	23.41	23.48
CA_2A-7A-29A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B29	10	9715	722.5	B66	20	66786	2145.0	23.39	23.48
CA_2A-7A-66A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.38	23.48
CA_5A-7A-7A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B5	10	2525	881.5	B66	20	66786	2145.0	23.47	23.48
CA_5A-7C-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B5	10	2525	881.5	B66	20	66786	2145.0	23.46	23.48
CA_5A-7A-66A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B5	10	2525	881.5	B66	20	66786	2145.0	B66	20	67036	2170.0	23.45	23.48
CA_7A-7A-13A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B13	10	5230	751.0	B66	20	66786	2145.0	23.44	23.48
CA_7C-13A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B13	10	5230	751.0	B66	20	66786	2145.0	23.41	23.48
CA_7A-7A-25A-25A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B25	20	8365	1962.5	B25	20	8590	1985.0	23.42	23.48
CA_7C-25A-25A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B25	20	8365	1962.5	B25	20	8590	1985.0	23.43	23.48
CA_7A-7A-25A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B25	20	8365	1962.5	B66	20	66786	2145.0	23.44	23.48
CA_7C-25A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B25	20	8365	1962.5	B66	20	66786	2145.0	23.42	23.48
CA_7A-7A-29A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B29	10	9715	722.5	B66	20	66786	2145.0	23.41	23.48
CA_7C-29A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B29	10	9715	722.5	B66	20	66786	2145.0	23.42	23.48
CA_7A-7A-66A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.45	23.48
CA_7C-66A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B66	20	66786	2145.0	B66	20	67036	2170.0	23.44	23.48
CA_7A-12A-66A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B12	10	5095	737.5	B66	20	66786	2145.0	B66	20	67036	2170.0	23.46	23.48
CA_7A-12B-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B12	10	5095	737.5	B12	5	5023	732.7	B66	20	66786	2145.0	23.45	23.48
CA_7A-25A-25A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B25	20	8365	1962.5	B25	20	8590	1985.0	B66	20	66786	2145.0	23.47	23.48

C.1.1.5 LTE Band 13 as PCC

Combination	PCC									SCC 1					SCC 2					SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_2A-4A-13A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	1100	1980.0	B4	20	2050	2120.0					24.76	24.80
CA_4A-4A-13A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B4	20	2175	2132.5	B4	5	2292	2144.2					24.75	24.80
CA_2A-2A-7A-13A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B2	20	1100	1980.0	B7	20	3100	2655.0	24.74	24.80
CA_2A-2A-13A-66A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	24.79	24.80
CA_2A-7A-7A-13A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3350	2680.0	24.71	24.80
CA_2A-7C-13A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3298	2674.8	24.69	24.80
CA_2A-7A-13A-66A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B7	20	3100	2655.0	B13	10	5230	751.0	24.68	24.80
CA_2A-13A-48C	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B48	20	55990	3625.0	B48	20	56188	3644.8	24.67	24.80
CA_2A-13A-48A-66A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B48	20	55990	3625.0	B48	20	66786	2145.0	24.66	24.80
CA_2A-13A-66A-66A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.59	24.80
CA_2A-13A-66B	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B66	10	66786	2145.0	B66	10	66885	2154.9	24.62	24.80
CA_2A-13A-66C	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	66984	2164.8	24.65	24.80
CA_7A-7A-13A-66A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B7	20	3100	2655.0	B7	20	3350	2680.0	B66	20	66786	2145.0	24.68	24.80
CA_7C-13A-66A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B7	20	3100	2655.0	B7	20	3350	2680.0	B66	20	66786	2145.0	24.69	24.80
CA_13A-48D	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B48	20	55990	3625.0	B48	20	56188	3644.8	B48	20	56386	3664.6	24.71	24.80
CA_13A-48C-66A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B48	20	55990	3625.0	B48	20	56188	3644.8	B66	20	66786	2145.0	24.73	24.80
CA_13A-48A-66B	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B48	20	55990	3625.0	B66	10	66930	3639.4	B66	10	67029	3649.3	24.75	24.80
CA_13A-48A-66C	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B48	20	55990	3625.0	B66	20	66786	2145.0	B66	20	66984	2164.8	24.79	24.80
CA_13A-66A-66B	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B66	20	66786	2145.0	B66	10	66930	2159.4	B66	10	67029	2169.3	24.78	24.80
CA_13A-66A-66C	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B66	20	66786	2145.0	B66	20	66984	2164.8	B66	20	67182	2184.6	24.77	24.80
CA_13A-66D	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B66	20	66786	2145.0	B66	20	67036	2170.0	B66	20	66838	2150.2	24.76	24.80

C.1.1.6 LTE Band 14 as PCC

Combination	PCC									SCC 1					SCC 2					SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_2A-2A-14A-30A	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B2	20	1100	1980	B30	10	9820	2355.0	24.53	24.55
CA_2A-2A-14A-66A	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B2	20	1100	1980	B66	20	66786	2145.0	24.51	24.55
CA_2A-14A-30A-66A	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B30	10	9820	2355.0	B66	20	66786	2145.0	24.52	24.55
CA_2A-14A-66A-66A	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.51	24.55
CA_14A-30A-66A-66A	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B30	10	9820	2355.0	B66	20	66786	2145	B66	20	67036	2170.0	24.49	24.55

C.1.1.7 LTE Band 25 as PCC

Combination	PCC									SCC 1					SCC 2					SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_5A-25A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B5	10	2525	881.5									25.02	25.03
CA_12A-25A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B12	10	5095	737.5									24.92	25.03
CA_25A-25A-26A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B26	15	8865	876.5					24.95	25.03
CA_25A-25A-41A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	20	8140	1940.0	B41	20	40620	2593.0					24.97	25.03
CA_25A-26A-41A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B26	15	8865	876.5	B41	20	40620	2593.0					24.98	25.03
CA_7A-7A-25A-25A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	20	8140	1940.0	B7	20	3100	2655.0	B7	20	3350	2680.0	24.95	25.03
CA_7C-25A-25A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	20	8140	1940.0	B7	20	3100	2655.0	B7	20	3298	2674.8	24.93	25.03
CA_7A-7A-25A-66A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B7	20	3100	2655.0	B7	20	3350	2680.0	B66	20	66786	2145.0	24.92	25.03
CA_7C-25A-66A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B7	20	3100	2655.0	B7	20	3298	2674.8	B66	20	66786	2145.0	24.89	25.03
CA_7A-25A-25A-66A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	20	8140	1940.0	B7	20	3100	2655.0	B66	20	66786	2145.0	24.91	25.03
CA_25A-25A-41C	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	20	8140	1940.0	B41	20	40620	2593.0	B41	20	40818	2612.8	24.92	25.03
CA_5A-25A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B26	15	8865	876.5	B41	20	40620	2593.0	B41	20	40818	2612.8	24.99	25.03
CA_12A-25A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B41	20	41490	2680.0	B41	20	41292	2660.2	B41	20	41094	2640.4	24.87	25.03

C.1.1.8 LTE Band 26 as PCC

Combination	PCC									SCC 1					SCC 2					SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_25A-25A-26A	B26	10	26865	831.5	QPSK	1	0	8865	876.5	B25	20	8590	1985.0	B25	15	8590	1985.0					23.68	23.72
CA_25A-26A-41A	B26	15	26865	831.5	QPSK	1	0	8865	876.5	B25	20	8590	1985.0	B41	20	40620	2593.0					23.67	23.72
CA_25A-26A-41C	B26	15	26865	831.5	QPSK	1	0	8865	876.5	B25	20	8365	1962.5	B41	20	40620	2593.0	B41	20	40818	2612.8	23.71	23.72

C.1.1.9 LTE Band 30 as PCC

Combination	PCC									SCC 1				SCC 2				SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_4A-5A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B4	20	2050	2120.0	B5	10	2525	881.5					22.85	22.86
CA_2A-2A-5A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B5	10	2525	881.5	22.84	22.86
CA_2A-2A-12A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	22.83	22.86
CA_2A-2A-14A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B14	10	5330	763.0	22.84	22.86
CA_2A-2A-29A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B29	10	9715	722.5	22.82	22.86
CA_2A-2A-30A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	67036	2170.0	22.84	22.86
CA_2A-4A-5A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B4	20	2175	2132.5	B5	10	2525	881.5	22.75	22.86
CA_2A-4A-12A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B4	20	2175	2132.5	B12	10	5095	737.5	22.79	22.86
CA_2A-4A-29A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B4	20	2175	2132.5	B29	10	9715	722.5	22.81	22.86
CA_2A-5B-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B5	10	2525	881.5	B5	5	2453	874.3	22.81	22.86
CA_2A-5A-30A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B5	10	2525	881.5	B66	20	67036	2170.0	22.84	22.86
CA_2A-12A-30A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B12	10	2525	881.5	B66	20	67036	2170.0	22.85	22.86
CA_2A-14A-30A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B14	10	5330	763.0	B66	20	67036	2170.0	22.80	22.86
CA_2A-29A-30A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B29	10	9715	722.5	B66	20	67036	2170.0	22.84	22.86
CA_2A-30A-66A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	22.75	22.86
CA_5B-30A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B5	10	2525	881.5	B5	5	2453	874.3	B66	20	66786	2145.0	22.82	22.86
CA_5A-30A-66A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B5	10	2525	881.5	B66	20	66786	2145.0	B66	20	67036	2170.0	22.84	22.86
CA_12A-30A-66A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B12	10	5095	737.5	B66	20	66786	2145.0	B66	20	67036	2170.0	22.75	22.86
CA_14A-30A-66A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B14	10	5330	763.0	B66	20	66786	2145.0	B66	20	67036	2170.0	22.75	22.86
CA_29A-30A-66A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B29	10	9715	722.5	B66	20	66786	2145.0	B66	20	67036	2170.0	22.76	22.86

C.1.1.10 LTE Band 41 as PCC

Combination	PCC									SCC 1				SCC 2				SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_41A-41A	B41	20	40620	2593.0	QPSK	1	49	40620	2593.0	B41	20	41490	2680.0									24.84	24.92
CA_41A-41C	B41	20	40620	2593.0	QPSK	1	49	40620	2593.0	B41	20	41490	2680.0	B41	20	41292	2660.2					24.81	24.92
CA_41A-41D	B41	20	40620	2593.0	QPSK	1	49	40620	2593.0	B41	20	41490	2680.0	B41	20	41292	2660.2	B41	20	41094	2640.4	24.83	24.92
CA_41A-41D	B41	20	40620	2593.0	QPSK	1	49	40620	2593.0	B41	20	40818	2612.8	B41	20	41016	2632.6	B41	20	39750	2506.0	24.84	24.92
CA_41C-41C	B41	20	40620	2593.0	QPSK	1	49	40620	2593.0	B41	20	40818	2612.8	B41	20	41490	2660.2	B41	20	41292	2640.4	24.83	24.92
CA_41E	B41	20	40620	2593.0	QPSK	1	49	40620	2593.0	B41	20	40818	2612.8	B41	20	41016	2632.6	B41	20	41214	2652.4	23.88	24.92

C.1.1.11 LTE Band 66 as PCC

Combination	PCC									SCC 1					SCC 2					SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_2A-2A-5A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B5	10	2525	881.5	25.33	25.34
CA_2A-2A-7A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B7	20	3100	2655.0	25.32	25.34
CA_2A-2A-12A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	25.29	25.34
CA_2A-2A-13A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B13	10	5230	751.0	25.25	25.34
CA_2A-2A-14A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B14	10	5330	763.0	25.24	25.34
CA_2A-2A-29A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B29	10	9715	722.5	25.22	25.34
CA_2A-2A-30A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	25.31	25.34
CA_2A-2A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B2	20	1100	1980.0	25.29	25.34
CA_2A-2A-66B	B66	15	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B2	20	900	1960.0	B2	20	1100	1980.0	25.26	25.34
CA_2A-2A-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B2	20	900	1960.0	B2	20	1100	1980.0	25.27	25.34
CA_2C-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B2	20	1098	1979.8	25.21	25.34
CA_2A-2A-66A-71A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980	B71	20	68761	634.5	25.23	25.34
CA_2A-5B-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B5	5	2453	874.3	25.24	25.34
CA_2A-5A-7A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B7	20	3100	2655.0	25.26	25.34
CA_2A-5A-30A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B30	10	9820	2355.0	25.31	25.34
CA_2A-5A-48A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B48	20	55990	3625.0	25.32	25.34
CA_2A-5A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B2	20	1100	1980.0	B5	10	2525	881.5	25.29	25.34
CA_2A-5A-66B	B66	15	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B2	20	1100	1980.0	B5	10	2525	881.5	25.21	25.34
CA_2A-5A-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B2	20	1100	1980.0	B5	10	2525	881.5	25.29	25.34
CA_2A-7A-7A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3350	2680.0	25.25	25.34
CA_2A-7C-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3298	2674.8	25.24	25.34
CA_2A-7A-12A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B12	10	5095	737.5	25.23	25.34
CA_2A-7A-13A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B13	10	5230	751.0	25.21	25.34
CA_2A-7A-29A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B29	10	9715	722.5	25.23	25.34
CA_2A-7A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B7	20	3100	2655	25.26	25.34
CA_2A-12B-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B12	5	5095	737.5	B12	5	5023	732.7	25.27	25.34
CA_2A-12A-30A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B12	5	5095	737.5	B30	10	9820	2355.0	25.21	25.34
CA_2A-12A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	1100	1980.0	B12	10	5095	737.5	25.19	25.34
CA_2A-12A-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66588	2125.2	B2	20	1100	1980.0	B12	10	5095	737.5	25.24	25.34
CA_2A-13A-48A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B13	10	5230	751.0	B48	20	55990	3625.0	25.26	25.34
CA_2A-13A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B13	10	5230	751.0	25.27	25.34
CA_2A-13A-66B	B66	15	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B2	20	900	1960.0	B13	10	5230	751.0	25.31	25.34
CA_2A-13A-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B2	20	900	1960.0	B13	10	5230	751.0	25.29	25.34
CA_2A-14A-30A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B14	10	5330	763.0	B30	10	9820	2355.0	25.32	25.34
CA_2A-14A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B14	10	5330	763.0	25.29	25.34
CA_2A-29A-30A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B29	10	9715	722.5	B30	10	9820	2355.0	25.25	25.34
CA_2A-29A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B29	10	9715	722.5	25.27	25.34
CA_2A-30A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B30	10	9820	2355.0	25.29	25.34
CA_2A-48A-48A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B48	20	55990	3625	B48	20	56640	3690.0	25.25	25.34
CA_2A-48C-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B48	20	56188	3644.8	B48	20	56386	3664.6	25.31	25.34
CA_2A-48A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B48	20	55990	3625	25.26	25.34
CA_2A-66A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B66	20	66536	2120.0	B2	20	900	1960.0	25.27	25.34
CA_2A-66A-66B	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	10	66885	2154.9	B66	10	2164.8	2164.8	B2	20	900	1960.0	25.33	25.34
CA_2A-66A-66A-71A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B71	20	68761	634.5	25.31	25.34
CA_2A-66C-71A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B2	20	900	1960.0	B71	20	68761	634.5	25.25	25.34
CA_5B-30A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B5	10	2525	881.5	B5	10	2624	891.4	B30	10	9820	2355.0	25.32	25.34
CA_5A-5A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B5	10	2525	881.5	B5	10	2600	889.0	25.26	25.34
CA_5A-5A-66B	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B5	10	2525	881.5	B5	10	2600	889.0	25.27	25.34
CA_5A-5A-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B5	10	2525	881.5	B5	10	2600	889.0	25.31	25.34
CA_5B-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B5	10	2525	881.5	B5	5	2453	874.3	25.25	25.34
CA_5B-66B	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B5	10	2525	881.5	B5	5	2453	874.3	25.26	25.34
CA_5B-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B5	10	2525	881.5	B5	5	2453	874.3	25.27	25.34
CA_5A-7A-7A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B5	10	2525	881.5	B7	20	3100	2655	B7	20	3350	2680.0	25.27	25.34
CA_5A-7C-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B5	10	2525	881.5	B7	20	3100	2655	B7	20	3298	2674.8	25.29	25.34
CA_5A-7A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B5	10	2525	881.5	B7	20	3100	2655.0	25.25	25.34
CA_5A-30A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B5	10	2525	881.5	B30	10	9820	2355.0	25.28	25.34
CA_5A-48C-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B5	10	2525	881.5	B48	20	56188	3644.8	B48	20	56386	3664.6	25.21	25.34
CA_5A-48A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B5	10	2525	881.5	B48	20	55990	3625.0	25.29	25.34
CA_7A-7A-13A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655	B7	20	3350	2680.0	B13	10	5230	751.0	25.24	25.34
CA_7C-13A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655	B7	20	3298	2674.8	B13	10	5230	751.0	25.25	25.34
CA_7A-7A-25A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655	B7	20	3350	2680.0	B25	20	8365	1962.5	25.26	25.34
CA_7C-25A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655	B7	20	3298	2674.8	B25	20	8365	1962.5	25.24	25.34
CA_7A-7A-29A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655	B7	20	3350	2680.0	B29	10	9715	722.5	25.25	25.34
CA_7C-29A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655	B7	20	3298	2674.8	B29	10	9715	722.5	25.31	25.34
CA_7A-7A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B7	20	3100	2655.0	B7	20	3350	2680.0	25.29	25.34
CA_7C-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B7	20	3100	2655.0	B7	20	3298	2674.8	25.25	25.34
CA_7A-12A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B7	20	3100	2655.0	B12	10	5095	737.5	25.26	25.34
CA_7A-12B-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655.0	B12	5	5095	737.5	B12	5	5023	732.7	25.29	25.34
CA_7A-25A-25A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655.0	B25	20	8365	1962.5	B25	20	8590	1985.0	25.32	25.34
CA_12B-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B12	5	5095	737.5	B12	5	5023	732.7	25.26	25.34
CA_12A-30A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B12	10	5095	737.5	B30	10	9820	2355.0	25.25	25.34
CA_13A-48C-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B13	10	5230	751.0	B48	20	56188	3644.8	B48	20	56386	3664.6	25.27	25.34
CA_13A-48A-66B	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B13	10	5230	751.0	B48	20	56640	3690.0	25.21	25.34
CA_13A-48A-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B13	10	5230	751.0	B48	20	56640	3690.0	25.29	25.34
CA_13A-66A-66B	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B13	10	5230	751.0	B66	10	66885	2154.9	B66	10	2164.8	2164.8	25.25	25.34
CA_13A-66A-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B66	20	66838	2150.2	B13	10	5230	751.0	25.24	25.34
CA_13A-66D	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B66	20	67182	2184.6	B13	10	5230	751.0	25.25	25.34
CA_14A-30A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B14	10	5330	763.0	B30	10	9820	2355.0	25.27	25.34

CA_29A-30A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B29	10	9715	722.5	B30	10	5230	751.0	25.26	25.34
CA_48A-48C-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B48	20	56640	3690.0	B48	20	56640	3690.0	B48	20	56442	3670.2	25.27	25.34
CA_48A-48A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B48	20	55990	3625.0	B48	20	56640	3690.0	25.21	25.34
CA_48A-48A-66B	B66	10	132322	1745.0	QPSK	1	49	66786	2145.0	B66	10	66885	2154.9	B48	20	55990	3625.0	B48	20	56640	3690.0	25.29	25.34
CA_48A-48A-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B48	20	55990	3625.0	B48	20	56640	3690.0	25.25	25.34
CA_48C-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B48	20	56640	3690.0	B48	20	56442	3670.2	25.31	25.34
CA_48C-66B	B66	10	132322	1745.0	QPSK	1	49	66786	2145.0	B66	10	66885	2154.9	B48	20	56640	3690.0	B48	20	56442	3670.2	25.29	25.34
CA_48C-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B48	20	56640	3690.0	B48	20	56442	3670.2	25.26	25.34
CA_48D-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B48	20	55990	3625.0	B48	20	56188	3644.8	B48	20	56386	3664.6	25.33	25.34

1.1.12 LTE Band 71 as PCC

Combination	PCC									SCC 1				SCC 2				SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_4A-4A-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B4	20	2175	2132.5	B4	5	2292	2144.2					23.88	23.90
CA_48C-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B48	20	66984	2164.8	B66	20	67182	2184.6					23.85	23.90
CA_2A-2A-4A-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B2	20	1100	1980.0	B4	20	2175	2132.5	23.89	23.90
CA_2A-2A-66A-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	67036	2170.0	23.79	23.90
CA_2A-66A-66A-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.81	23.90
CA_2A-66C-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	66984	2164.8	23.84	23.90

C.2 LTE Downlink Carrier Aggregation with 4X4 MIMO

This device supports downlink 4x4 MIMO operations for some LTE bands.

Uplink transmission is limited to a single output stream. When carrier aggregation was applicable, the general test selection and setup procedures described in Appendix C.1 were applied.

According to LTE Test conditions in TCB workshop(May, 2017), SAR is excluded for LTE downlink 4x4 MIMO operation when uplink output with DL MIMO does not exceed highest uplink output power configuration without DL MIMO by more than a 1/4 dB. And for DL MIMO with carrier aggregation, the same SAR test exclusion procedure is considered.

Index	2CC	Restriction	Completely Covered by Measurement Superset	Reverse
2CC #1	[2A]-2A		3CC #3	N/A
2CC #2	[2A]-[2A]		3CC #7	N/A
2CC #3	[2C]		3CC #33	N/A
2CC #4	[2A]-4A		3CC #2	Yes
2CC #5	2A-[4A]		3CC #1	Yes
2CC #6	[2A]-[4A]		3CC #4	Yes
2CC #7	[2A]-5A		3CC #9	Yes
2CC #8	[2A]-7A		3CC #10	Yes
2CC #9	[2A]-12A		3CC #14	Yes
2CC #10	[2A]-13A		3CC #16	Yes
2CC #11	[2A]-14A		3CC #18	Yes
2CC #12	[2A]-29A	B29 SCC only	3CC #29	N/A
2CC #13	[2A]-30A		3CC #25	Yes
2CC #14	2A-[30A]		3CC #21	Yes
2CC #15	[2A]-[30A]		3CC #24	Yes
2CC #16	[2A]-48A	B48 SCC only	3CC #121	N/A
2CC #17	2A-[48A]	B48 SCC only	3CC #122	N/A
2CC #18	[2A]-[48A]	B48 SCC only	3CC #123	N/A
2CC #19	[2A]-66A		3CC #30	Yes
2CC #20	2A-[66A]		3CC #27	Yes
2CC #21	[2A]-[66A]		3CC #31	Yes
2CC #22	[2A]-71A		3CC #35	Yes
2CC #23	[4A]-4A		3CC #39	N/A
2CC #24	[4A]-[4A]		3CC #41	N/A
2CC #25	[4A]-5A		3CC #45	Yes
2CC #26	[4A]-7A		3CC #48	Yes
2CC #27	[4A]-12A		3CC #51	Yes
2CC #28	[4A]-13A		3CC #54	Yes
2CC #29	[4A]-29A	B29 SCC only	3CC #57	N/A
2CC #30	[4A]-30A		3CC #60	Yes
2CC #31	4A-[30A]		3CC #59	Yes
2CC #32	[4A]-[30A]		3CC #62	Yes
2CC #33	[4A]-48A	B48 SCC only		N/A
2CC #34	4A-[48A]	B48 SCC only		N/A
2CC #35	[4A]-[48A]	B48 SCC only		N/A
2CC #36	[4A]-71A		3CC #66	Yes
2CC #37	5A-[25A]			Yes
2CC #38	5A-[30A]		3CC #71	Yes

2CC #39	5A-[41A]	B41 SCC only		Yes
2CC #40	5A-[48A]	B48 SCC only	3CC #74	Yes
2CC #41	5A-[66A]		3CC #77	Yes
2CC #42	7A-[25A]		3CC #200	Yes
2CC #43	7A-[66A]		3CC #206	Yes
2CC #44	12A-[25A]			Yes
2CC #45	12A-[30A]		3CC #89	Yes
2CC #46	12A-[48A]	B48 SCC only		N/A
2CC #47	12A-[66A]		3CC #92	Yes
2CC #48	13A-[48A]	B48 SCC only	3CC #95	N/A
2CC #49	13A-[66A]		3CC #98	Yes
2CC #50	14A-[30A]		3CC #101	Yes
2CC #51	14A-[66A]		3CC #104	Yes
2CC #52	[25A]-25A		3CC #200	N/A
2CC #53	25A-[25A]		3CC #231	N/A
2CC #54	[25A]-[25A]		3CC #201	N/A
2CC #55	[25A]-26A		3CC #231	Yes
2CC #56	[25A]-41A	B41 SCC only	3CC #242	N/A
2CC #57	25A-[41A]	B41 SCC only	3CC #241	N/A
2CC #58	[25A]-[41A]	B41 SCC only	3CC #244	N/A
2CC #59	[25A]-66A		3CC #235	Yes
2CC #60	25A-[66A]		3CC #234	Yes
2CC #61	[25A]-[66A]		3CC #237	Yes
2CC #62	26A-[41A]	B41 SCC only	3CC #248	N/A
2CC #63	29A-[30A]	B29 SCC only	3CC #256	N/A
2CC #64	29A-[66A]	B29 SCC only	3CC #258	N/A
2CC #65	[30A]-66A		3CC #256	Yes
2CC #66	30A-[66A]		3CC #255	Yes
2CC #67	[30A]-[66A]		3CC #257	Yes
2CC #68	[41A]-41A			N/A
2CC #69	41A-[41A]			N/A
2CC #70	[41A]-[41A]			N/A
2CC #71	[41C]		3CC #251	N/A
2CC #72	[48A]-48A		3CC #273	N/A
2CC #73	[48A]-[48A]		3CC #275	N/A
2CC #74	[48B]			N/A
2CC #75	[48C]		3CC #125	N/A
2CC #76	[48A]-66A	B48 SCC only	3CC #129	N/A
2CC #77	48A-[66A]	B48 SCC only	3CC #128	N/A
2CC #78	[48A]-[66A]	B48 SCC only	3CC #131	N/A
2CC #79	[48A]-71A	B48 SCC only		N/A
2CC #80	[66A]-66A		3CC #135	N/A
2CC #81	66A-[66A]		3CC #190	N/A
2CC #82	[66A]-[66A]		3CC #192	N/A
2CC #83	[66B]		3CC #193	N/A
2CC #84	[66C]		3CC #194	N/A
2CC #85	[66A]-71A		3CC #301	Yes

Index	3CC	Restriction	Completely Covered by Measurement Superset	Reverse
3CC #1	2A-2A-[4A]		4CC #1	Yes
3CC #2	2A-[2A]-4A			Yes
3CC #3	[2A]-2A-4A		4CC #2	Yes
3CC #4	2A-[2A]-[4A]			Yes
3CC #5	[2A]-2A-[4A]		4CC #8	Yes
3CC #6	[2A]-[2A]-4A		4CC #9	Yes
3CC #7	[2A]-[2A]-[4A]			Yes
3CC #8	[2A]-2A-5A		4CC #20	Yes
3CC #9	[2A]-[2A]-5A		4CC #21	Yes
3CC #10	2A-[2A]-7A		4CC #30	Yes
3CC #11	[2A]-2A-7A		4CC #31	Yes
3CC #12	[2A]-[2A]-7A		4CC #32	Yes
3CC #13	[2A]-2A-12A		4CC #51	Yes
3CC #14	[2A]-[2A]-12A		4CC #53	Yes
3CC #15	[2A]-2A-13A		4CC #59	Yes
3CC #16	[2A]-[2A]-13A		4CC #61	Yes
3CC #17	[2A]-2A-14A		4CC #63	Yes
3CC #18	[2A]-[2A]-14A		4CC #65	Yes
3CC #19	[2A]-2A-29A	B29 SCC only	4CC #71	N/A
3CC #20	[2A]-[2A]-29A	B29 SCC only	4CC #73	N/A
3CC #21	2A-2A-[30A]		4CC #79	Yes
3CC #22	[2A]-2A-30A		4CC #81	Yes
3CC #23	[2A]-2A-[30A]		4CC #86	Yes
3CC #24	2A-[2A]-[30A]		4CC #85	Yes
3CC #25	[2A]-[2A]-30A		4CC #87	Yes
3CC #26	[2A]-[2A]-[30A]			Yes
3CC #27	2A-2A-[66A]		4CC #89	Yes
3CC #28	[2A]-2A-66A		4CC #91	Yes
3CC #29	[2A]-2A-[66A]		4CC #96	Yes
3CC #30	[2A]-[2A]-66A		4CC #97	Yes
3CC #31	[2A]-[2A]-[66A]			Yes
3CC #32	2C-[66A]		4CC #104	Yes
3CC #33	[2C]-66A		4CC #105	Yes
3CC #34	[2C]-[66A]			Yes
3CC #35	2A-[2A]-71A			Yes
3CC #36	[2A]-2A-71A			Yes
3CC #37	[2A]-[2A]-71A			Yes
3CC #38	2A-4A-[4A]			Yes
3CC #39	2A-[4A]-4A		4CC #113	Yes
3CC #40	[2A]-4A-4A		4CC #114	Yes
3CC #41	2A-[4A]-[4A]		4CC #119	Yes
3CC #42	[2A]-4A-[4A]			Yes
3CC #43	[2A]-[4A]-4A		4CC #116	Yes
3CC #44	[2A]-[4A]-[4A]			Yes
3CC #45	2A-[4A]-5A		4CC #125	Yes
3CC #46	[2A]-4A-5A		4CC #126	Yes
3CC #47	[2A]-[4A]-5A		4CC #129	Yes
3CC #48	2A-[4A]-7A		4CC #130	Yes
3CC #49	[2A]-4A-7A		4CC #131	Yes
3CC #50	[2A]-[4A]-7A		4CC #132	Yes
3CC #51	2A-[4A]-12A		4CC #143	Yes
3CC #52	[2A]-4A-12A		4CC #144	Yes
3CC #53	[2A]-[4A]-12A		4CC #147	Yes

3CC #54	2A-[4A]-13A			Yes
3CC #55	[2A]-4A-13A			Yes
3CC #56	[2A]-[4A]-13A			Yes
3CC #57	2A-[4A]-29A	B29 SCC only	4CC #149	Yes
3CC #58	[2A]-4A-29A	B29 SCC only	4CC #150	Yes
3CC #59	2A-4A-[30A]			Yes
3CC #60	2A-[4A]-30A			Yes
3CC #61	[2A]-4A-30A			Yes
3CC #62	2A-[4A]-[30A]			Yes
3CC #63	[2A]-4A-[30A]			Yes
3CC #64	[2A]-[4A]-30A			Yes
3CC #65	[2A]-[4A]-[30A]			Yes
3CC #66	2A-[4A]-71A		4CC #14	Yes
3CC #67	[2A]-4A-71A		4CC #17	Yes
3CC #68	[2A]-[4A]-71A			Yes
3CC #69	[2A]-5B		4CC #155	Yes
3CC #70	[2A]-5A-7A		4CC #160	Yes
3CC #71	2A-5A-[30A]		4CC #166	Yes
3CC #72	[2A]-5A-30A		4CC #167	Yes
3CC #73	[2A]-5A-[30A]		4CC #170	Yes
3CC #74	2A-5A-[48A]	B48 SCC only	4CC #174	Yes
3CC #75	[2A]-5A-48A	B48 SCC only	4CC #175	Yes
3CC #76	[2A]-5A-[48A]	B48 SCC only	4CC #178	Yes
3CC #77	2A-5A-[66A]		4CC #179	Yes
3CC #78	[2A]-5A-66A		4CC #180	Yes
3CC #79	[2A]-5A-[66A]		4CC #182	Yes
3CC #80	[2A]-7A-7A		4CC #187	Yes
3CC #57	2A-[4A]-29A	B29 SCC only	4CC #149	Yes
3CC #58	[2A]-4A-29A	B29 SCC only	4CC #150	Yes
3CC #59	2A-4A-[30A]			Yes
3CC #60	2A-[4A]-30A			Yes
3CC #61	[2A]-4A-30A			Yes
3CC #62	2A-[4A]-[30A]			Yes
3CC #63	[2A]-4A-[30A]			Yes
3CC #64	[2A]-[4A]-30A			Yes
3CC #65	[2A]-[4A]-[30A]			Yes
3CC #66	2A-[4A]-71A		4CC #14	Yes
3CC #67	[2A]-4A-71A		4CC #17	Yes
3CC #68	[2A]-[4A]-71A			Yes
3CC #69	[2A]-5B		4CC #155	Yes
3CC #70	[2A]-5A-7A		4CC #160	Yes
3CC #71	2A-5A-[30A]		4CC #166	Yes
3CC #72	[2A]-5A-30A		4CC #167	Yes
3CC #73	[2A]-5A-[30A]		4CC #170	Yes
3CC #74	2A-5A-[48A]	B48 SCC only	4CC #174	Yes
3CC #75	[2A]-5A-48A	B48 SCC only	4CC #175	Yes
3CC #76	[2A]-5A-[48A]	B48 SCC only	4CC #178	Yes
3CC #77	2A-5A-[66A]		4CC #179	Yes
3CC #78	[2A]-5A-66A		4CC #180	Yes
3CC #79	[2A]-5A-[66A]		4CC #182	Yes
3CC #80	[2A]-7A-7A		4CC #187	Yes
3CC #81	[2A]-7C		4CC #188	Yes
3CC #82	[2A]-7A-12A		4CC #199	Yes
3CC #83	[2A]-7A-13A		4CC #202	Yes
3CC #84	[2A]-7A-29A	B29 SCC only	4CC #205	Yes

3CC #85	2A-7A-[66A]		4CC #207	Yes
3CC #86	[2A]-7A-66A		4CC #208	Yes
3CC #87	[2A]-7A-[66A]		4CC #210	Yes
3CC #88	[2A]-12B		4CC #212	Yes
3CC #89	2A-12A-[30A]		4CC #215	Yes
3CC #90	[2A]-12A-30A		4CC #216	Yes
3CC #91	[2A]-12A-[30A]		4CC #218	Yes
3CC #92	2A-12A-[66A]		4CC #220	Yes
3CC #93	[2A]-12A-66A		4CC #221	Yes
3CC #94	[2A]-12A-[66A]		4CC #223	Yes
3CC #95	2A-13A-[48A]	B48 SCC only	4CC #229	Yes
3CC #96	[2A]-13A-48A	B48 SCC only	4CC #230	Yes
3CC #97	[2A]-13A-[48A]	B48 SCC only	4CC #233	Yes
3CC #98	2A-13A-[66A]		4CC #234	Yes
3CC #99	[2A]-13A-66A		4CC #235	Yes
3CC #100	[2A]-13A-[66A]		4CC #237	Yes
3CC #101	2A-14A-[30A]		4CC #243	Yes
3CC #102	[2A]-14A-30A		4CC #244	Yes
3CC #103	[2A]-14A-[30A]		4CC #247	Yes
3CC #104	2A-14A-[66A]		4CC #248	Yes
3CC #105	[2A]-14A-66A		4CC #249	Yes
3CC #106	[2A]-14A-[66A]		4CC #251	Yes
3CC #107	2A-29A-[30A]	B29 SCC only	4CC #253	Yes
3CC #108	[2A]-29A-30A	B29 SCC only	4CC #254	Yes
3CC #109	[2A]-29A-[30A]	B29 SCC only	4CC #257	Yes
3CC #110	2A-29A-[66A]	B29 SCC only	4CC #258	Yes
3CC #111	[2A]-29A-66A	B29 SCC only	4CC #259	Yes
3CC #112	[2A]-29A-[66A]	B29 SCC only	4CC #261	Yes
3CC #113	[2A]-30A-66A		4CC #264	Yes
3CC #114	2A-[30A]-66A		4CC #263	Yes
3CC #115	2A-30A-[66A]		4CC #262	Yes
3CC #116	[2A]-[30A]-66A		4CC #85	Yes
3CC #117	[2A]-30A-[66A]		4CC #267	Yes
3CC #118	2A-[30A]-[66A]		4CC #82	Yes
3CC #119	[2A]-[30A]-[66A]			Yes
3CC #120	2A-[48A]-48A	B48 SCC only	4CC #274	N/A
3CC #121	[2A]-48A-48A	B48 SCC only	4CC #275	N/A
3CC #122	2A-[48A]-[48A]	B48 SCC only	4CC #278	N/A
3CC #123	[2A]-[48A]-48A	B48 SCC only	4CC #279	N/A
3CC #124	[2A]-[48A]-[48A]	B48 SCC only		N/A
3CC #125	2A-[48C]	B48 SCC only	4CC #281	N/A
3CC #126	[2A]-48C	B48 SCC only	4CC #282	N/A
3CC #127	[2A]-[48C]	B48 SCC only		N/A
3CC #128	2A-48A-[66A]	B48 SCC only	4CC #285	Yes
3CC #129	2A-[48A]-66A	B48 SCC only	4CC #286	Yes
3CC #130	[2A]-48A-66A	B48 SCC only	4CC #288	Yes
3CC #131	2A-[48A]-[66A]	B48 SCC only		Yes
3CC #132	[2A]-48A-[66A]	B48 SCC only	4CC #290	Yes
3CC #133	[2A]-[48A]-66A	B48 SCC only	4CC #289	Yes
3CC #134	[2A]-[48A]-[66A]	B48 SCC only		Yes
3CC #135	2A-[66A]-66A		4CC #296	Yes
3CC #136	[2A]-66A-66A		4CC #297	Yes
3CC #137	2A-[66A]-[66A]		4CC #298	Yes
3CC #138	[2A]-[66A]-66A		4CC #300	Yes
3CC #139	[2A]-[66A]-[66A]			Yes

3CC #140	2A-[66B]		4CC #98	Yes
3CC #141	[2A]-66B		4CC #100	Yes
3CC #142	[2A]-[66B]			Yes
3CC #143	2A-[66C]		4CC #101	Yes
3CC #144	[2A]-66C			Yes
3CC #145	[2A]-[66C]		4CC #103	Yes
3CC #146	2A-[66A]-71A		4CC #107	Yes
3CC #147	[2A]-66A-71A		4CC #108	Yes
3CC #148	[2A]-[66A]-71A		4CC #110	Yes
3CC #149	[4A]-4A-5A		4CC #113	Yes
3CC #150	[4A]-[4A]-5A		4CC #115	Yes
3CC #151	4A-[4A]-7A			Yes
3CC #152	[4A]-4A-7A			Yes
3CC #153	[4A]-[4A]-7A			Yes
3CC #154	[4A]-4A-12A		4CC #117	Yes
3CC #155	[4A]-[4A]-12A		4CC #119	Yes
3CC #156	[4A]-4A-13A			Yes
3CC #157	[4A]-[4A]-13A			Yes
3CC #158	[4A]-4A-29A			Yes
3CC #159	4A-[4A]-71A			Yes
3CC #160	[4A]-4A-71A			Yes
3CC #161	[4A]-[4A]-71A			Yes
3CC #162	[4A]-5B		4CC #121	Yes
3CC #163	[4A]-5A-30A		4CC #125	Yes
3CC #164	4A-5A-[30A]		4CC #128	Yes
3CC #165	[4A]-5A-[30A]		4CC #127	Yes
3CC #166	[4A]-7A-7A		4CC #130	Yes
3CC #167	[4A]-7C		4CC #133	Yes
3CC #168	[4A]-7A-12A		4CC #136	Yes
3CC #169	[4A]-12B		4CC #139	Yes
3CC #170	[4A]-12A-30A		4CC #143	Yes
3CC #171	4A-12A-[30A]		4CC #146	Yes
3CC #172	[4A]-12A-[30A]		4CC #145	Yes
3CC #173	[4A]-29A-30A	B29 SCC only	4CC #149	Yes
3CC #174	4A-29A-[30A]	B29 SCC only	4CC #152	Yes
3CC #175	[4A]-29A-[30A]	B29 SCC only	4CC #151	Yes
3CC #176	4A-[48C]	B48 SCC only		N/A
3CC #177	[4A]-48C	B48 SCC only		N/A
3CC #178	[4A]-[48C]	B48 SCC only		N/A
3CC #179	5B-[30A]		4CC #309	Yes
3CC #180	5A-5A-[66A]		4CC #311	Yes
3CC #181	5B-[66A]		4CC #315	Yes
3CC #182	5A-7A-[66A]		4CC #322	Yes
3CC #183	5A-30A-[66A]		4CC #324	Yes
3CC #184	5A-[30A]-66A		4CC #325	Yes
3CC #185	5A-[30A]-[66A]		4CC #168	Yes
3CC #186	5A-[48C]	B48 SCC only	4CC #171	N/A
3CC #187	5A-48A-[66A]	B48 SCC only	4CC #173	Yes
3CC #188	5A-[48A]-66A	B48 SCC only	4CC #174	Yes
3CC #189	5A-[48A]-[66A]	B48 SCC only	4CC #176	Yes
3CC #190	5A-66A-[66A]			Yes
3CC #191	5A-[66A]-66A		4CC #179	Yes
3CC #192	5A-[66A]-[66A]		4CC #181	Yes
3CC #193	5A-[66B]		4CC #183	Yes
3CC #194	5A-[66C]		4CC #185	Yes

3CC #195	7C-[25A]		4CC #338	Yes
3CC #196	7A-7A-[66A]		4CC #348	Yes
3CC #197	7C-[66A]		4CC #350	Yes
3CC #198	7A-12A-[66A]		4CC #353	Yes
3CC #199	7A-13A-[66A]		4CC #201	Yes
3CC #200	7A-[25A]-25A		4CC #356	Yes
3CC #201	7A-[25A]-[25A]		4CC #336	Yes
3CC #202	7A-[25A]-66A		4CC #340	Yes
3CC #203	7A-25A-[66A]		4CC #339	Yes
3CC #204	7A-[25A]-[66A]		4CC #341	Yes
3CC #205	7A-29A-[66A]	B29 SCC only	4CC #345	Yes
3CC #206	7A-[66A]-66A		4CC #348	Yes
3CC #207	7A-[66A]-[66A]		4CC #349	Yes
3CC #208	12B-[66A]		4CC #354	Yes
3CC #209	12A-30A-[66A]		4CC #362	Yes
3CC #210	12A-[30A]-66A		4CC #361	Yes
3CC #211	12A-[30A]-[66A]		4CC #217	Yes
3CC #212	12A-[48C]	B48 SCC only		N/A
3CC #213	12A-66A-[66A]		4CC #352	Yes
3CC #214	12A-[66A]-66A		4CC #220	Yes
3CC #215	12A-[66A]-[66A]		4CC #353	Yes
3CC #216	12A-[66C]		4CC #224	Yes
3CC #217	13A-[48C]	B48 SCC only	4CC #226	N/A
3CC #218	13A-48A-[66A]	B48 SCC only	4CC #228	Yes
3CC #219	13A-[48A]-66A	B48 SCC only	4CC #229	Yes
3CC #220	13A-[48A]-[66A]	B48 SCC only	4CC #231	Yes
3CC #221	13A-66A-[66A]			Yes
3CC #222	13A-[66A]-66A		4CC #234	Yes
3CC #223	13A-[66A]-[66A]		4CC #236	Yes
3CC #224	13A-[66B]		4CC #238	Yes
3CC #225	13A-[66C]		4CC #240	Yes
3CC #226	14A-30A-[66A]		4CC #242	Yes
3CC #227	14A-[30A]-66A		4CC #243	Yes
3CC #228	14A-[30A]-[66A]		4CC #245	Yes
3CC #229	14A-[66A]-66A		4CC #248	Yes
3CC #230	14A-[66A]-[66A]		4CC #250	Yes
3CC #231	25A-[25A]-26A			Yes
3CC #232	[25A]-25A-26A			Yes
3CC #233	[25A]-[25A]-26A			Yes
3CC #234	25A-25A-[66A]		4CC #355	Yes
3CC #235	25A-[25A]-66A			Yes
3CC #236	[25A]-25A-66A		4CC #356	Yes
3CC #237	25A-[25A]-[66A]			Yes
3CC #238	[25A]-25A-[66A]		4CC #357	Yes
3CC #239	[25A]-[25A]-66A			Yes
3CC #240	[25A]-[25A]-[66A]			Yes
3CC #241	25A-25A-[41A]	B41 SCC only		N/A
3CC #242	25A-[25A]-41A	B41 SCC only		N/A
3CC #243	[25A]-25A-41A	B41 SCC only		N/A
3CC #244	25A-[25A]-[41A]	B41 SCC only		N/A
3CC #245	[25A]-25A-[41A]	B41 SCC only		N/A
3CC #246	[25A]-[25A]-41A	B41 SCC only		N/A
3CC #247	[25A]-[25A]-[41A]	B41 SCC only		N/A
3CC #248	25A-26A-[41A]	B41 SCC only		Yes
3CC #249	[25A]-26A-41A	B41 SCC only		Yes

3CC #250	[25A]-26A-[41A]	B41 SCC only		Yes
3CC #251	25A-[41C]	B41 SCC only	4CC #379	N/A
3CC #252	[25A]-41C	B41 SCC only	4CC #380	N/A
3CC #253	[25A]-[41C]	B41 SCC only		N/A
3CC #254	26A-[41C]	B41 SCC only	4CC #383	N/A
3CC #255	29A-30A-[66A]	B29 SCC only	4CC #387	Yes
3CC #256	29A-[30A]-66A	B29 SCC only	4CC #388	Yes
3CC #257	29A-[30A]-[66A]	B29 SCC only	4CC #255	Yes
3CC #258	29A-[66A]-66A	B29 SCC only	4CC #258	Yes
3CC #259	29A-[66A]-[66A]	B29 SCC only	4CC #260	Yes
3CC #260	[30A]-66A-66A		4CC #263	Yes
3CC #261	30A-[66A]-66A		4CC #267	Yes
3CC #262	[30A]-[66A]-66A		4CC #377	Yes
3CC #263	30A-[66A]-[66A]		4CC #378	Yes
3CC #264	[30A]-[66A]-[66A]			Yes
3CC #265	41A-[41C]			Yes
3CC #266	[41A]-41C			Yes
3CC #267	[41A]-[41C]			Yes
3CC #268	[41D]			N/A
3CC #269	48A-[48C]		4CC #268	Yes
3CC #270	[48A]-48C		4CC #269	Yes
3CC #271	[48A]-[48C]			Yes
3CC #272	[48D]			N/A
3CC #273	[48A]-48A-66A	B48 SCC only	4CC #274	N/A
3CC #274	48A-48A-[66A]	B48 SCC only	4CC #277	N/A
3CC #275	[48A]-[48A]-66A	B48 SCC only	4CC #278	N/A
3CC #276	[48A]-48A-[66A]	B48 SCC only	4CC #276	N/A
3CC #277	[48A]-[48A]-[66A]	B48 SCC only		N/A
3CC #278	[48C]-71A	B48 SCC only		N/A
3CC #279	[48A]-66A-66A	B48 SCC only	4CC #286	N/A
3CC #280	48A-[66A]-66A	B48 SCC only	4CC #290	N/A
3CC #281	[48A]-[66A]-66A	B48 SCC only		N/A
3CC #282	48A-[66A]-[66A]	B48 SCC only	4CC #285	N/A
3CC #283	[48A]-[66A]-[66A]	B48 SCC only		N/A
3CC #284	[48A]-66B	B48 SCC only	4CC #368	N/A
3CC #285	48A-[66B]	B48 SCC only	4CC #367	N/A
3CC #286	[48A]-[66B]	B48 SCC only		N/A
3CC #287	[48A]-66C	B48 SCC only	4CC #370	N/A
3CC #288	48A-[66C]	B48 SCC only	4CC #369	N/A
3CC #289	[48A]-[66C]	B48 SCC only		N/A
3CC #290	[48C]-66A	B48 SCC only	4CC #396	N/A
3CC #291	48C-[66A]	B48 SCC only	4CC #397	N/A
3CC #292	[48C]-[66A]	B48 SCC only		N/A
3CC #293	66A-[66B]		4CC #293	Yes
3CC #294	[66A]-66B		4CC #294	Yes
3CC #295	[66A]-[66B]			Yes
3CC #296	66A-[66C]		4CC #374	Yes
3CC #297	[66A]-66C		4CC #373	Yes
3CC #298	[66A]-[66C]			Yes
3CC #299	[66D]			N/A
3CC #300	[66A]-66A-71A		4CC #300	Yes
3CC #301	[66A]-[66A]-71A		4CC #298	Yes
3CC #302	[66C]-71A		4CC #301	Yes

Index	4CC	Restriction	Completely Covered by Measurement Superset	Reverse
4CC #1	2A-2A-[4A]-4A			Yes
4CC #2	[2A]-2A-4A-4A			Yes
4CC #3	2A-2A-[4A]-[4A]			Yes
4CC #4	[2A]-2A-[4A]-4A			Yes
4CC #5	[2A]-[2A]-4A-4A			Yes
4CC #6	2A-2A-[4A]-5A			Yes
4CC #7	[2A]-2A-4A-5A			Yes
4CC #8	[2A]-2A-[4A]-5A			Yes
4CC #9	[2A]-[2A]-4A-5A			Yes
4CC #10	2A-2A-[4A]-12A			Yes
4CC #11	[2A]-2A-4A-12A			Yes
4CC #12	[2A]-2A-[4A]-12A			Yes
4CC #13	[2A]-[2A]-4A-12A			Yes
4CC #14	2A-2A-[4A]-71A			Yes
4CC #15	[2A]-2A-4A-71A			Yes
4CC #16	[2A]-2A-[4A]-71A			Yes
4CC #17	[2A]-[2A]-4A-71A			Yes
4CC #18	[2A]-2A-5B			Yes
4CC #19	[2A]-[2A]-5B			Yes
4CC #20	[2A]-2A-5A-7A			Yes
4CC #21	[2A]-[2A]-5A-7A			Yes
4CC #22	2A-2A-5A-[30A]			Yes
4CC #23	[2A]-2A-5A-30A			Yes
4CC #24	[2A]-2A-5A-[30A]			Yes
4CC #25	[2A]-[2A]-5A-30A			Yes
4CC #26	2A-2A-5A-[66A]			Yes
4CC #27	[2A]-2A-5A-66A			Yes
4CC #28	[2A]-2A-5A-[66A]			Yes
4CC #29	[2A]-[2A]-5A-66A			Yes
4CC #30	2A-[2A]-7A-7A			Yes
4CC #31	[2A]-2A-7A-7A			Yes
4CC #32	[2A]-[2A]-7A-7A			Yes
4CC #33	2A-[2A]-7C			Yes
4CC #34	[2A]-2A-7C			Yes
4CC #35	[2A]-[2A]-7C			Yes
4CC #36	2A-[2A]-7A-12A			Yes
4CC #37	[2A]-2A-7A-12A			Yes
4CC #38	[2A]-[2A]-7A-12A			Yes
4CC #39	2A-[2A]-7A-13A			Yes
4CC #40	[2A]-2A-7A-13A			Yes
4CC #41	[2A]-[2A]-7A-13A			Yes
4CC #42	2A-2A-7A-[66A]			Yes
4CC #43	2A-[2A]-7A-66A			Yes
4CC #44	[2A]-2A-7A-66A			Yes
4CC #45	2A-[2A]-7A-[66A]			Yes
4CC #46	[2A]-2A-7A-[66A]			Yes
4CC #47	[2A]-[2A]-7A-66A			Yes
4CC #48	[2A]-2A-12B			Yes
4CC #49	[2A]-[2A]-12B			Yes
4CC #50	2A-2A-12A-[30A]			Yes
4CC #51	[2A]-2A-12A-30A			Yes
4CC #52	[2A]-2A-12A-[30A]			Yes
4CC #53	[2A]-[2A]-12A-30A			Yes

4CC #54	2A-2A-12A-[66A]			Yes
4CC #55	[2A]-2A-12A-66A			Yes
4CC #56	[2A]-2A-12A-[66A]			Yes
4CC #57	[2A]-[2A]-12A-66A			Yes
4CC #58	2A-2A-13A-[66A]			Yes
4CC #59	[2A]-2A-13A-66A			Yes
4CC #60	[2A]-2A-13A-[66A]			Yes
4CC #61	[2A]-[2A]-13A-66A			Yes
4CC #62	2A-2A-14A-[30A]			Yes
4CC #63	[2A]-2A-14A-30A			Yes
4CC #64	[2A]-2A-14A-[30A]			Yes
4CC #65	[2A]-[2A]-14A-30A			Yes
4CC #66	2A-2A-14A-[66A]			Yes
4CC #67	[2A]-2A-14A-66A			Yes
4CC #68	[2A]-2A-14A-[66A]			Yes
4CC #69	[2A]-[2A]-14A-66A			Yes
4CC #70	2A-2A-29A-[30A]	B29 SCC only		Yes
4CC #71	[2A]-2A-29A-30A	B29 SCC only		Yes
4CC #72	[2A]-2A-29A-[30A]	B29 SCC only		Yes
4CC #73	[2A]-[2A]-29A-30A	B29 SCC only		Yes
4CC #74	2A-2A-29A-[66A]	B29 SCC only		Yes
4CC #75	[2A]-2A-29A-66A	B29 SCC only		Yes
4CC #76	[2A]-2A-29A-[66A]	B29 SCC only		Yes
4CC #77	[2A]-[2A]-29A-66A	B29 SCC only		Yes
4CC #78	2A-2A-30A-[66A]			Yes
4CC #79	2A-2A-[30A]-66A			Yes
4CC #80	2A-[2A]-30A-66A			Yes
4CC #81	[2A]-2A-30A-66A			Yes
4CC #82	2A-2A-[30A]-[66A]			Yes
4CC #83	2A-[2A]-30A-[66A]			Yes
4CC #84	[2A]-2A-30A-[66A]			Yes
4CC #85	2A-[2A]-[30A]-66A			Yes
4CC #86	[2A]-2A-[30A]-66A			Yes
4CC #87	[2A]-[2A]-30A-66A			Yes
4CC #88	2A-2A-66A-[66A]			Yes
4CC #89	2A-2A-[66A]-66A			Yes
4CC #90	2A-[2A]-66A-66A			Yes
4CC #91	[2A]-2A-66A-66A			Yes
4CC #92	2A-2A-[66A]-[66A]			Yes
4CC #93	2A-[2A]-66A-[66A]			Yes
4CC #94	[2A]-2A-66A-[66A]			Yes
4CC #95	2A-[2A]-[66A]-66A			Yes
4CC #96	[2A]-2A-[66A]-66A			Yes
4CC #97	[2A]-[2A]-66A-66A			Yes
4CC #98	2A-2A-[66B]			Yes
4CC #99	[2A]-2A-66B			Yes
4CC #100	[2A]-[2A]-66B			Yes
4CC #101	2A-2A-[66C]			Yes
4CC #102	[2A]-2A-66C			Yes
4CC #103	[2A]-[2A]-66C			Yes
4CC #104	2C-[66A]-66A			Yes
4CC #105	[2C]-66A-66A			Yes
4CC #106	2C-[66A]-[66A]			Yes
4CC #107	2A-2A-[66A]-71A			Yes
4CC #108	2A-[2A]-66A-71A			Yes

4CC #109	[2A]-2A-66A-71A			Yes
4CC #110	2A-[2A]-[66A]-71A			Yes
4CC #111	[2A]-2A-[66A]-71A			Yes
4CC #112	[2A]-[2A]-66A-71A			Yes
4CC #113	2A-[4A]-4A-5A			Yes
4CC #114	[2A]-4A-4A-5A			Yes
4CC #115	2A-[4A]-[4A]-5A			Yes
4CC #116	[2A]-[4A]-4A-5A			Yes
4CC #117	2A-[4A]-4A-12A			Yes
4CC #118	[2A]-4A-4A-12A			Yes
4CC #119	2A-[4A]-[4A]-12A			Yes
4CC #120	[2A]-[4A]-4A-12A			Yes
4CC #121	2A-[4A]-5B			Yes
4CC #122	[2A]-4A-5B			Yes
4CC #123	[2A]-[4A]-5B			Yes
4CC #124	2A-4A-5A-[30A]			Yes
4CC #125	2A-[4A]-5A-30A			Yes
4CC #126	[2A]-4A-5A-30A			Yes
4CC #127	2A-[4A]-5A-[30A]			Yes
4CC #128	[2A]-4A-5A-[30A]			Yes
4CC #129	[2A]-[4A]-5A-30A			Yes
4CC #130	2A-[4A]-7A-7A			Yes
4CC #131	[2A]-4A-7A-7A			Yes
4CC #132	[2A]-[4A]-7A-7A			Yes
4CC #133	2A-[4A]-7C			Yes
4CC #134	[2A]-4A-7C			Yes
4CC #135	[2A]-[4A]-7C			Yes
4CC #136	2A-[4A]-7A-12A			Yes
4CC #137	[2A]-4A-7A-12A			Yes
4CC #138	[2A]-[4A]-7A-12A			Yes
4CC #139	2A-[4A]-12B			Yes
4CC #140	[2A]-4A-12B			Yes
4CC #141	[2A]-[4A]-12B			Yes
4CC #142	2A-4A-12A-[30A]			Yes
4CC #143	2A-[4A]-12A-30A			Yes
4CC #144	[2A]-4A-12A-30A			Yes
4CC #145	2A-[4A]-12A-[30A]			Yes
4CC #146	[2A]-4A-12A-[30A]			Yes
4CC #147	[2A]-[4A]-12A-30A			Yes
4CC #148	2A-4A-29A-[30A]	B29 SCC only		Yes
4CC #149	2A-[4A]-29A-30A	B29 SCC only		Yes
4CC #150	[2A]-4A-29A-30A	B29 SCC only		Yes
4CC #151	2A-[4A]-29A-[30A]	B29 SCC only		Yes
4CC #152	[2A]-4A-29A-[30A]	B29 SCC only		Yes
4CC #153	[2A]-[4A]-29A-30A	B29 SCC only		Yes
4CC #154	2A-5B-[30A]			Yes
4CC #155	[2A]-5B-30A			Yes
4CC #156	[2A]-5B-[30A]			Yes
4CC #157	2A-5B-[66A]			Yes
4CC #158	[2A]-5B-66A			Yes
4CC #159	[2A]-5B-[66A]			Yes
4CC #160	[2A]-5A-7A-7A			Yes
4CC #161	[2A]-5A-7C			Yes
4CC #162	2A-5A-7A-[66A]			Yes
4CC #163	[2A]-5A-7A-66A			Yes

4CC #164	[2A]-5A-7A-[66A]			Yes
4CC #165	2A-5A-30A-[66A]			Yes
4CC #166	2A-5A-[30A]-66A			Yes
4CC #167	[2A]-5A-30A-66A			Yes
4CC #168	2A-5A-[30A]-[66A]			Yes
4CC #169	[2A]-5A-30A-[66A]			Yes
4CC #170	[2A]-5A-[30A]-66A			Yes
4CC #171	2A-5A-[48C]	B48 SCC only		Yes
4CC #172	[2A]-5A-48C	B48 SCC only		Yes
4CC #173	2A-5A-48A-[66A]	B48 SCC only		Yes
4CC #174	2A-5A-[48A]-66A	B48 SCC only		Yes
4CC #175	[2A]-5A-48A-66A	B48 SCC only		Yes
4CC #176	2A-5A-[48A]-[66A]	B48 SCC only		Yes
4CC #177	[2A]-5A-48A-[66A]	B48 SCC only		Yes
4CC #178	[2A]-5A-[48A]-66A	B48 SCC only		Yes
4CC #179	2A-5A-[66A]-66A			Yes
4CC #180	[2A]-5A-66A-66A			Yes
4CC #181	2A-5A-[66A]-[66A]			Yes
4CC #182	[2A]-5A-[66A]-66A			Yes
4CC #183	2A-5A-[66B]			Yes
4CC #184	[2A]-5A-66B			Yes
4CC #185	2A-5A-[66C]			Yes
4CC #186	[2A]-5A-66C			Yes
4CC #187	[2A]-7A-7A-13A			Yes
4CC #188	[2A]-7C-13A			Yes
4CC #189	[2A]-7A-7A-29A	B29 SCC only		Yes
4CC #190	[2A]-7C-29A	B29 SCC only		Yes
4CC #191	2A-7A-7A-[66A]			Yes
4CC #192	[2A]-7A-7A-66A			Yes
4CC #193	[2A]-7A-7A-[66A]			Yes
4CC #194	2A-7C-[66A]			Yes
4CC #195	[2A]-7C-66A			Yes
4CC #196	[2A]-7C-[66A]			Yes
4CC #197	[2A]-7A-12B			Yes
4CC #198	2A-7A-12A-[66A]			Yes
4CC #199	[2A]-7A-12A-66A			Yes
4CC #200	[2A]-7A-12A-[66A]			Yes
4CC #201	2A-7A-13A-[66A]			Yes
4CC #202	[2A]-7A-13A-66A			Yes
4CC #203	[2A]-7A-13A-[66A]			Yes
4CC #204	2A-7A-29A-[66A]	B29 SCC only		Yes
4CC #205	[2A]-7A-29A-66A	B29 SCC only		Yes
4CC #206	[2A]-7A-29A-[66A]	B29 SCC only		Yes
4CC #207	2A-7A-[66A]-66A			Yes
4CC #208	[2A]-7A-66A-66A			Yes
4CC #209	2A-7A-[66A]-[66A]			Yes
4CC #210	[2A]-7A-[66A]-66A			Yes
4CC #184	[2A]-5A-66B			Yes
4CC #185	2A-5A-[66C]			Yes
4CC #186	[2A]-5A-66C			Yes
4CC #187	[2A]-7A-7A-13A			Yes
4CC #188	[2A]-7C-13A			Yes
4CC #189	[2A]-7A-7A-29A	B29 SCC only		Yes
4CC #190	[2A]-7C-29A	B29 SCC only		Yes
4CC #191	2A-7A-7A-[66A]			Yes

4CC #192	[2A]-7A-7A-66A			Yes
4CC #193	[2A]-7A-7A-[66A]			Yes
4CC #194	2A-7C-[66A]			Yes
4CC #195	[2A]-7C-66A			Yes
4CC #196	[2A]-7C-[66A]			Yes
4CC #197	[2A]-7A-12B			Yes
4CC #198	2A-7A-12A-[66A]			Yes
4CC #199	[2A]-7A-12A-66A			Yes
4CC #200	[2A]-7A-12A-[66A]			Yes
4CC #201	2A-7A-13A-[66A]			Yes
4CC #202	[2A]-7A-13A-66A			Yes
4CC #203	[2A]-7A-13A-[66A]			Yes
4CC #204	2A-7A-29A-[66A]	B29 SCC only		Yes
4CC #205	[2A]-7A-29A-66A	B29 SCC only		Yes
4CC #206	[2A]-7A-29A-[66A]	B29 SCC only		Yes
4CC #207	2A-7A-[66A]-66A			Yes
4CC #208	[2A]-7A-66A-66A			Yes
4CC #209	2A-7A-[66A]-[66A]			Yes
4CC #210	[2A]-7A-[66A]-66A			Yes
4CC #211	2A-12B-[66A]			Yes
4CC #212	[2A]-12B-66A			Yes
4CC #213	[2A]-12B-[66A]			Yes
4CC #214	2A-12A-30A-[66A]			Yes
4CC #215	2A-12A-[30A]-66A			Yes
4CC #216	[2A]-12A-30A-66A			Yes
4CC #217	2A-12A-[30A]-[66A]			Yes
4CC #218	[2A]-12A-[30A]-66A			Yes
4CC #219	[2A]-12A-30A-[66A]			Yes
4CC #220	2A-12A-[66A]-66A			Yes
4CC #221	[2A]-12A-66A-66A			Yes
4CC #222	2A-12A-[66A]-[66A]			Yes
4CC #223	[2A]-12A-[66A]-66A			Yes
4CC #224	2A-12A-[66C]			Yes
4CC #225	[2A]-12A-66C			Yes
4CC #226	2A-13A-[48C]			Yes
4CC #227	[2A]-13A-48C			Yes
4CC #228	2A-13A-48A-[66A]	B48 SCC only		Yes
4CC #229	2A-13A-[48A]-66A	B48 SCC only		Yes
4CC #230	[2A]-13A-48A-66A	B48 SCC only		Yes
4CC #231	2A-13A-[48A]-[66A]	B48 SCC only		Yes
4CC #232	[2A]-13A-48A-[66A]	B48 SCC only		Yes
4CC #233	[2A]-13A-[48A]-66A	B48 SCC only		Yes
4CC #234	2A-13A-[66A]-66A			Yes
4CC #235	[2A]-13A-66A-66A			Yes
4CC #236	2A-13A-[66A]-[66A]			Yes
4CC #237	[2A]-13A-[66A]-66A			Yes
4CC #238	2A-13A-[66B]			Yes
4CC #239	[2A]-13A-66B			Yes
4CC #240	2A-13A-[66C]			Yes
4CC #241	[2A]-13A-66C			Yes
4CC #242	2A-14A-30A-[66A]			Yes
4CC #243	2A-14A-[30A]-66A			Yes
4CC #244	[2A]-14A-30A-66A			Yes
4CC #245	2A-14A-[30A]-[66A]			Yes
4CC #246	[2A]-14A-30A-[66A]			Yes

4CC #247	[2A]-14A-[30A]-66A			Yes
4CC #248	2A-14A-[66A]-66A			Yes
4CC #249	[2A]-14A-66A-66A			Yes
4CC #250	2A-14A-[66A]-[66A]			Yes
4CC #251	[2A]-14A-[66A]-66A			Yes
4CC #252	2A-29A-30A-[66A]	B29 SCC only		Yes
4CC #253	2A-29A-[30A]-66A	B29 SCC only		Yes
4CC #254	[2A]-29A-30A-66A	B29 SCC only		Yes
4CC #255	2A-29A-[30A]-[66A]	B29 SCC only		Yes
4CC #256	[2A]-29A-30A-[66A]	B29 SCC only		Yes
4CC #257	[2A]-29A-[30A]-66A	B29 SCC only		Yes
4CC #258	2A-29A-[66A]-66A	B29 SCC only		Yes
4CC #259	[2A]-29A-66A-66A	B29 SCC only		Yes
4CC #260	2A-29A-[66A]-[66A]	B29 SCC only		Yes
4CC #261	[2A]-29A-[66A]-66A	B29 SCC only		Yes
4CC #262	2A-30A-[66A]-66A			Yes
4CC #263	2A-[30A]-66A-66A			Yes
4CC #264	[2A]-30A-66A-66A			Yes
4CC #265	2A-30A-[66A]-[66A]			Yes
4CC #266	2A-[30A]-66A-[66A]			Yes
4CC #267	[2A]-30A-[66A]-66A			Yes
4CC #268	2A-48A-[48C]	B48 SCC only		N/A
4CC #269	2A-[48A]-48C	B48 SCC only		N/A
4CC #270	[2A]-48A-48C	B48 SCC only		N/A
4CC #271	[2A]-[48A]-48C	B48 SCC only		N/A
4CC #272	[2A]-48D	B48 SCC only		N/A
4CC #273	2A-48A-48A-[66A]	B48 SCC only		Yes
4CC #274	2A-[48A]-48A-66A	B48 SCC only		Yes
4CC #275	[2A]-48A-48A-66A	B48 SCC only		Yes
4CC #276	2A-[48A]-48A-[66A]	B48 SCC only		Yes
4CC #277	[2A]-48A-48A-[66A]	B48 SCC only		Yes
4CC #278	2A-[48A]-[48A]-66A	B48 SCC only		Yes
4CC #279	[2A]-[48A]-48A-66A	B48 SCC only		Yes
4CC #280	2A-48C-[66A]	B48 SCC only		Yes
4CC #281	2A-[48C]-66A	B48 SCC only		Yes
4CC #282	[2A]-48C-66A	B48 SCC only		Yes
4CC #283	[2A]-48C-[66A]	B48 SCC only		Yes
4CC #284	2A-48A-[66A]-66A	B48 SCC only		Yes
4CC #285	2A-48A-[66A]-[66A]	B48 SCC only		Yes
4CC #286	2A-[48A]-66A-66A	B48 SCC only		Yes
4CC #287	2A-[48A]-66A-[66A]	B48 SCC only		Yes
4CC #288	[2A]-48A-66A-66A	B48 SCC only		Yes
4CC #289	[2A]-[48A]-66A-66A	B48 SCC only		Yes
4CC #290	[2A]-48A-[66A]-66A	B48 SCC only		Yes
4CC #291	[2A]-66A-66B			Yes
4CC #292	2A-[66A]-66B			Yes
4CC #293	2A-66A-[66B]			Yes
4CC #294	[2A]-[66A]-66B			Yes
4CC #295	2A-66A-[66A]-71A			Yes
4CC #296	2A-[66A]-66A-71A			Yes
4CC #297	[2A]-66A-66A-71A			Yes
4CC #298	2A-[66A]-[66A]-71A			Yes
4CC #299	[2A]-66A-[66A]-71A			Yes
4CC #300	[2A]-[66A]-66A-71A			Yes
4CC #301	2A-[66C]-71A			Yes

4CC #302	[2A]-66C-71A			Yes
4CC #303	[4A]-4A-5B			Yes
4CC #304	[4A]-[4A]-5B			Yes
4CC #305	[4A]-4A-12B			Yes
4CC #306	[4A]-[4A]-12B			Yes
4CC #307	[4A]-48D	B48 SCC only		N/A
4CC #308	5B-30A-[66A]			Yes
4CC #309	5B-[30A]-66A			Yes
4CC #310	5B-[30A]-[66A]			Yes
4CC #311	5A-5A-[66A]-66A			Yes
4CC #312	5A-5A-[66A]-[66A]			Yes
4CC #313	5A-5A-[66B]			Yes
4CC #292	2A-[66A]-66B			Yes
4CC #293	2A-66A-[66B]			Yes
4CC #294	[2A]-[66A]-66B			Yes
4CC #295	2A-66A-[66A]-71A			Yes
4CC #296	2A-[66A]-66A-71A			Yes
4CC #297	[2A]-66A-66A-71A			Yes
4CC #298	2A-[66A]-[66A]-71A			Yes
4CC #299	[2A]-66A-[66A]-71A			Yes
4CC #300	[2A]-[66A]-66A-71A			Yes
4CC #301	2A-[66C]-71A			Yes
4CC #302	[2A]-66C-71A			Yes
4CC #303	[4A]-4A-5B			Yes
4CC #304	[4A]-[4A]-5B			Yes
4CC #305	[4A]-4A-12B			Yes
4CC #306	[4A]-[4A]-12B			Yes
4CC #307	[4A]-48D	B48 SCC only		N/A
4CC #308	5B-30A-[66A]			Yes
4CC #309	5B-[30A]-66A			Yes
4CC #310	5B-[30A]-[66A]			Yes
4CC #311	5A-5A-[66A]-66A			Yes
4CC #312	5A-5A-[66A]-[66A]			Yes
4CC #313	5A-5A-[66B]			Yes
4CC #314	5A-5A-[66C]			Yes
4CC #315	5B-[66A]-66A			Yes
4CC #316	5B-[66A]-[66A]			Yes
4CC #317	5B-[66B]			Yes
4CC #318	5B-[66C]			Yes
4CC #319	5A-7A-7A-[66A]			Yes
4CC #320	5A-7C-[66A]			Yes
4CC #321	5A-7A-66A-[66A]			Yes
4CC #322	5A-7A-[66A]-[66A]			Yes
4CC #323	5A-[30A]-66A-66A			Yes
4CC #324	5A-30A-[66A]-66A			Yes
4CC #325	5A-[30A]-66A-[66A]			Yes
4CC #326	5A-30A-[66A]-[66A]			Yes
4CC #327	5A-48C-[66A]	B48 SCC only		Yes
4CC #328	5A-[48C]-66A	B48 SCC only		Yes
4CC #330	5A-48A-66A-[66A]	B48 SCC only		Yes
4CC #331	5A-48A-[66A]-66A	B48 SCC only		Yes
4CC #332	5A-48A-[66A]-[66A]	B48 SCC only		Yes
4CC #333	7A-7A-13A-[66A]			Yes
4CC #334	7C-13A-[66A]			Yes
4CC #335	7A-7A-25A-[25A]			Yes

4CC #336	7A-7A-[25A]-[25A]			Yes
4CC #337	7C-25A-[25A]			Yes
4CC #338	7C-[25A]-[25A]			Yes
4CC #339	7A-7A-25A-[66A]			Yes
4CC #340	7A-7A-[25A]-66A			Yes
4CC #341	7A-7A-[25A]-[66A]			Yes
4CC #342	7C-25A-[66A]			Yes
4CC #343	7C-[25A]-66A			Yes
4CC #344	7C-[25A]-[66A]			Yes
4CC #345	7A-7A-29A-[66A]	B29 SCC only		Yes
4CC #346	7C-29A-[66A]	B29 SCC only		Yes
4CC #347	7A-7A-66A-[66A]			Yes
4CC #348	7A-7A-[66A]-66A			Yes
4CC #349	7A-7A-[66A]-[66A]			Yes
4CC #350	7C-[66A]-66A			Yes
4CC #351	7C-[66A]-[66A]			Yes
4CC #352	7A-12A-66A-[66A]			Yes
4CC #353	7A-12A-[66A]-[66A]			Yes
4CC #354	7A-12B-[66A]			Yes
4CC #355	7A-25A-25A-[66A]			Yes
4CC #356	7A-[25A]-25A-66A			Yes
4CC #357	7A-[25A]-25A-[66A]			Yes
4CC #358	12B-66A-[66A]			Yes
4CC #359	12B-[66A]-66A			Yes
4CC #360	12B-[66A]-[66A]			Yes
4CC #361	12A-[30A]-66A-66A			Yes
4CC #362	12A-30A-[66A]-66A			Yes
4CC #363	12A-30A-[66A]-[66A]			Yes
4CC #364	12A-[30A]-66A-[66A]			Yes
4CC #365	13A-48C-[66A]	B48 SCC only		Yes
4CC #366	13A-[48C]-66A	B48 SCC only		Yes
4CC #367	13A-48A-[66B]	B48 SCC only		Yes
4CC #368	13A-[48A]-66B	B48 SCC only		Yes
4CC #369	13A-48A-[66C]	B48 SCC only		Yes
4CC #370	13A-[48A]-66C	B48 SCC only		Yes
4CC #371	13A-[66A]-66B			Yes
4CC #372	13A-66A-[66B]			Yes
4CC #373	13A-[66A]-66C			Yes
4CC #374	13A-66A-[66C]			Yes
4CC #375	14A-[30A]-66A-66A			Yes
4CC #376	14A-30A-[66A]-66A			Yes
4CC #377	14A-[30A]-[66A]-66A			Yes
4CC #378	14A-30A-[66A]-[66A]			Yes
4CC #379	25A-25A-[41C]	B41 SCC only		N/A
4CC #380	25A-[25A]-41C	B41 SCC only		N/A
4CC #381	[25A]-25A-41C	B41 SCC only		N/A
4CC #382	[25A]-[25A]-41C	B41 SCC only		N/A
4CC #383	25A-26A-[41C]	B41 SCC only		Yes
4CC #384	[25A]-26A-41C	B41 SCC only		Yes
4CC #385	[25A]-41D	B41 SCC only		N/A
4CC #386	29A-[30A]-66A-66A			Yes
4CC #387	29A-30A-[66A]-66A			Yes
4CC #388	29A-[30A]-66A-[66A]			Yes
4CC #389	29A-30A-[66A]-[66A]			Yes
4CC #390	[41A]-41D			Yes

4CC #391	41C-[41C]			Yes
4CC #392	[41C]-41C			N/A
4CC #393	[48A]-48D			Yes
4CC #394	[48C]-48C			N/A
4CC #395	[48A]-48C-66A	B48 SCC only		N/A
4CC #396	48A-[48C]-66A	B48 SCC only		N/A
4CC #397	48A-48C-[66A]	B48 SCC only		N/A
4CC #398	[48A]-48C-[66A]	B48 SCC only		N/A
4CC #399	[48A]-48A-66A-66A	B48 SCC only		N/A
4CC #400	48A-48A-[66A]-66A	B48 SCC only		N/A
4CC #401	[48A]-[48A]-66A-66A	B48 SCC only		N/A
4CC #402	[48A]-48A-[66A]-66A	B48 SCC only		N/A
4CC #403	48A-48A-[66A]-[66A]	B48 SCC only		N/A
4CC #404	[48A]-48A-66B	B48 SCC only		N/A
4CC #405	48A-48A-[66B]	B48 SCC only		N/A
4CC #406	[48A]-[48A]-66B	B48 SCC only		N/A
4CC #407	[48A]-48A-66C	B48 SCC only		N/A
4CC #408	48A-48A-[66C]	B48 SCC only		N/A
4CC #409	[48A]-[48A]-66C	B48 SCC only		N/A
4CC #410	[48C]-66A-66A	B48 SCC only		N/A
4CC #411	48C-[66A]-66A	B48 SCC only		N/A
4CC #412	48C-[66A]-[66A]	B48 SCC only		N/A
4CC #413	[48C]-66B	B48 SCC only		N/A
4CC #414	48C-[66B]	B48 SCC only		N/A
4CC #415	[48C]-66C	B48 SCC only		N/A
4CC #416	48C-[66C]	B48 SCC only		N/A
4CC #417	48D-[66A]	B48 SCC only		N/A

Note: “[ ]” is 4X4 MIMO Configuration.

C.2.2 Downlink Carrier Aggregation RF Conducted Powers

C.2.2.1 LTE 4X4 MIMO DL Standalone Powers

LTE Band	BW [㎒]	Ch.	Freq. [㎒]	Mod.	RB Size	RB Offset	4X4 DL MIMO Tx. Power (dBm)	Single Antenna Tx Power (dBm)
2	20	19100	1900.0	QPSK	1	0	24.85	25.00
4	20	20175	1732.5	QPSK	1	49	24.77	24.90
25	20	26590	1905.0	QPSK	1	49	24.90	25.03
30	10	27710	2310.0	QPSK	1	0	22.82	22.86
41	20	40620	2593.0	QPSK	1	49	24.85	24.92
48	20	56640	3690.0	QPSK	1	49	23.33	23.41
66	20	132322	1745.0	QPSK	1	49	25.21	25.34

C.2.2.2 LTE Band 2 as PCC

Combination	PCC									SCC 1				SCC 2				SCC 3				Power	
	Band	BW [㎒]	(UL) Ch.	(UL) Freq. [㎒]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [㎒]	Band	BW [㎒]	(DL) Ch.	(DL) Freq. [㎒]	Band	BW [㎒]	(DL) Ch.	(DL) Freq. [㎒]	Band	BW [㎒]	(DL) Ch.	(DL) Freq. [㎒]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_2A-[2A]-4A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5					24.80	25.00
CA_2A-[2A]-[4A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5					24.90	25.00
CA_[2A]-[2A]-[4A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5					24.85	25.00
CA_[2A]-[2A]-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B30	10	9820	2355.0					24.60	25.00
CA_[2A]-[2A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0					24.55	25.00
CA_[2C]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	902	1960.2	B66	20	66786	2145.0					24.65	25.00
CA_2A-[2A]-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B71	20	68761	634.5					24.75	25.00
CA_[2A]-2A-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B71	20	68761	634.5					24.90	25.00
CA_[2A]-[2A]-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B71	20	68761	634.5					24.77	25.00
CA_2A-4A-[4A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B4	5	2292	2144.2					24.54	25.00
CA_[2A]-4A-[4A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B4	5	2292	2144.2					24.80	25.00
CA_[2A]-[4A]-[4A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B4	5	2292	2144.2					24.90	25.00
CA_2A-[4A]-13A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B13	10	5230	751.0					23.90	25.00
CA_[2A]-4A-13A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B13	10	5230	751.0					24.80	25.00
CA_[2A]-[4A]-13A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B13	10	5230	751.0					24.90	25.00
CA_2A-4A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B30	10	9820	2355.0					24.70	25.00
CA_2A-[4A]-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B30	10	9820	2355.0					24.80	25.00
CA_[2A]-4A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B30	10	9820	2355.0					24.90	25.00
CA_2A-[4A]-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B30	10	9820	2355.0					24.85	25.00
CA_[2A]-4A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B30	10	9820	2355.0					24.80	25.00
CA_[2A]-[4A]-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B30	10	9820	2355.0					24.90	25.00
CA_[2A]-[4A]-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B30	10	9820	2355.0					24.70	25.00
CA_[2A]-[4A]-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B71	20	68761	634.5					24.80	25.00
CA_[2A]-[30A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B30	10	9820	2355.0	B66	20	66786	2145.0					24.90	25.00
CA_[2A]-[48A]-[48A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B48	20	56640	3690.0					24.94	25.00
CA_[2A]-[48C]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	56188	3644.8	B48	20	56386	3664.6					24.89	25.00
CA_2A-[48A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B66	20	66786	2145.0					24.91	25.00
CA_[2A]-[48A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B66	20	66786	2145.0					24.86	25.00
CA_[2A]-[66A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	10	66786	2145.0	B66	10	66885	2154.9					24.81	25.00
CA_[2A]-[66B]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	20	66786	2145.0	B66	20	66984	2164.8					24.83	25.00
CA_[2A]-66C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	20	66786	2145.0	B66	20	66984	2164.8					24.81	25.00
CA_2A-2A-[4A]-4A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B4	5	2292	2144.2	24.89	25.00
CA_[2A]-2A-4A-4A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B4	5	2292	2144.2	24.94	25.00
CA_2A-2A-[4A]-[4A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B4	5	2292	2144.2	24.89	25.00
CA_[2A]-2A-[4A]-4A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B4	5	2292	2144.2	24.90	25.00
CA_[2A]-[2A]-4A-4A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B4	5	2292	2144.2	24.77	25.00
CA_2A-2A-[4A]-5A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B5	10	2525	881.5	24.58	25.00
CA_[2A]-2A-4A-5A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B5	10	2525	881.5	24.65	25.00
CA_[2A]-2A-[4A]-5A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B5	10	2525	881.5	24.60	25.00
CA_[2A]-[2A]-4A-5A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B5	10	2525	881.5	24.84	25.00
CA_2A-2A-[4A]-12A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B12	10	5095	737.5	24.65	25.00
CA_[2A]-2A-4A-12A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B12	10	5095	737.5	24.65	25.00
CA_[2A]-2A-[4A]-12A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B12	10	5095	737.5	24.67	25.00
CA_[2A]-[2A]-4A-12A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B12	10	5095	737.5	24.68	25.00
CA_2A-2A-[4A]-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B71	20	68761	634.0	24.94	25.00
CA_[2A]-2A-4A-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B71	20	68761	634.0	24.89	25.00
CA_[2A]-2A-[4A]-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B71	20	68761	634.0	24.91	25.00
CA_[2A]-[2A]-4A-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B4	20	2175	2132.5	B71	20	68761	634.0	24.86	25.00
CA_[2A]-2A-5B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B5	10	2525	881.5	B5	5	2453	874.3	24.81	25.00
CA_[2A]-[2A]-5B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B5	10	2525	881.5	B5	5	2453	874.3	24.83	25.00
CA_[2A]-2A-5A-7A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B5	10	2525	881.5	B7	20	3100	2655.0	24.81	25.00
CA_[2A]-[2A]-5A-7A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B5	10	2525	881.5	B7	20	3100	2655.0	24.89	25.00
CA_2A-2A-5A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B5	10	2525	881.5	B30	10	9820	2355.0	24.94	25.00
CA_[2A]-2A-5A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B5	10	2525	881.5	B30	10	9820	2355.1	24.50	25.00
CA_[2A]-2A-5A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B5	10	2525	881.5	B30	10	9820	2355.2	24.74	25.00
CA_[2A]-[2A]-5A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B5	10	2525	881.5	B30	10	9820	2355.3	24.80	25.00
CA_2A-2A-5A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B5	10	2525	881.5	B66	20	66786	2145.0	24.70	25.00
CA_[2A]-2A-5A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B5	10	2525	881.5	B66	20	66786	2145.0	24.75	25.00
CA_[2A]-2A-5A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B5	10	2525	881.5	B66	20	66786	2145.0	24.84	25.00
CA_[2A]-[2A]-5A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B5	10	2525	881.5	B66	20	66786	2145.0	24.78	25.00

CA_2A-[2A]-7A-7A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B7	20	3350	2680.0	24.77	25.00
CA_[2A]-2A-7A-7A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B7	20	3350	2680.0	24.70	25.00
CA_[2A]-[2A]-7A-7A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B7	20	3350	2680.0	24.80	25.00
CA_2A-[2A]-7C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B7	20	3298	2674.8	24.50	25.00
CA_[2A]-2A-7C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B7	20	3298	2674.8	23.90	25.00
CA_[2A]-[2A]-7C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B7	20	3298	2674.8	24.20	25.00
CA_2A-[2A]-7A-12A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B12	10	5095	737.5	24.50	25.00
CA_[2A]-2A-7A-12A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B12	10	5095	737.5	24.70	25.00
CA_[2A]-[2A]-7A-12A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B12	10	5095	737.5	24.80	25.00
CA_2A-[2A]-7A-13A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B13	10	5230	751.0	24.84	25.00
CA_[2A]-2A-7A-13A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B13	10	5230	751.0	24.77	25.00
CA_[2A]-[2A]-7A-13A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B13	10	5230	751.0	24.70	25.00
CA_2A-2A-7A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B66	20	66786	2145.0	24.80	25.00
CA_2A-[2A]-7A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B66	20	66786	2145.0	24.50	25.00
CA_[2A]-2A-7A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B66	20	66786	2145.0	23.90	25.00
CA_2A-[2A]-7A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B66	20	66786	2145.0	24.50	25.00
CA_[2A]-2A-7A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B66	20	66786	2145.0	23.90	25.00
CA_[2A]-[2A]-7A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B66	20	66786	2145.0	24.64	25.00
CA_[2A]-2A-12B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B7	20	3100	2655.0	B66	20	66786	2145.0	24.66	25.00
CA_[2A]-[2A]-12B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B12	5	5095	737.5	B12	5	5023	732.7	24.70	25.00
CA_2A-2A-12A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B12	10	5095	737.5	B30	10	9820	2355.0	24.80	25.00
CA_[2A]-2A-12A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B12	10	5095	737.5	B30	10	9820	2355.0	24.50	25.00
CA_[2A]-2A-12A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B12	10	5095	737.5	B30	10	9820	2355.0	24.74	25.00
CA_[2A]-[2A]-12A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B12	10	5095	737.5	B30	10	9820	2355.0	24.79	25.00
CA_2A-2A-12A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B12	10	5095	737.5	B66	20	66786	2145.0	24.68	25.00
CA_[2A]-2A-12A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B12	10	5095	737.5	B66	20	66786	2145.0	24.70	25.00
CA_[2A]-2A-12A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B12	10	5095	737.5	B66	20	66786	2145.0	24.80	25.00
CA_[2A]-[2A]-12A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B12	10	5095	737.5	B66	20	66786	2145.0	24.50	25.00
CA_2A-2A-13A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B13	10	5230	751.0	B66	20	66786	2145.0	24.84	25.00
CA_[2A]-2A-13A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B13	10	5230	751.0	B66	20	66786	2145.0	24.50	25.00
CA_[2A]-2A-13A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B13	10	5230	751.0	B66	20	66786	2145.0	24.77	25.00
CA_[2A]-[2A]-13A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B13	10	5230	751.0	B66	20	66786	2145.0	24.65	25.00
CA_2A-2A-14A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B14	10	5330	763.0	B30	10	9820	2355.0	24.59	25.00
CA_[2A]-2A-14A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B14	10	5330	763.0	B30	10	9820	2355.0	24.70	25.00
CA_[2A]-2A-14A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B14	10	5330	763.0	B30	10	9820	2355.0	24.80	25.00
CA_[2A]-[2A]-14A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B14	10	5330	763.0	B30	10	9820	2355.0	24.50	25.00
CA_2A-2A-14A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B14	10	5330	763.0	B66	20	66786	2145.0	24.84	25.00
CA_[2A]-2A-14A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B14	10	5330	763.0	B66	20	66786	2145.0	24.77	25.00
CA_[2A]-2A-14A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B14	10	5330	763.0	B66	20	66786	2145.0	24.50	25.00
CA_[2A]-[2A]-14A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B14	10	5330	763.0	B66	20	66786	2145.0	24.70	25.00
CA_2A-2A-29A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B29	10	9715	722.5	B30	10	9820	2355.0	24.80	25.00
CA_[2A]-2A-29A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B29	10	9715	722.5	B30	10	9820	2355.0	24.50	25.00
CA_[2A]-2A-29A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B29	10	9715	722.5	B30	10	9820	2355.0	24.68	25.00
CA_[2A]-[2A]-29A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B29	10	9715	722.5	B30	10	9820	2355.0	24.58	25.00
CA_2A-2A-29A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B29	10	9715	722.5	B66	10	66786	2145.0	24.66	25.00
CA_[2A]-2A-29A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B29	10	9715	722.5	B66	10	66786	2145.0	24.75	25.00
CA_[2A]-2A-29A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B29	10	9715	722.5	B66	10	66786	2145.0	24.79	25.00
CA_[2A]-[2A]-29A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B29	10	9715	722.5	B66	10	66786	2145.0	24.70	25.00
CA_2A-2A-30A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B30	10	9820	2355.0	B66	10	66786	2145.0	24.60	25.00
CA_2A-2A-[30A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B30	10	9820	2355.0	B66	10	66786	2145.0	24.50	25.00
CA_2A-[2A]-30A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B30	10	9820	2355.0	B66	10	66786	2145.0	24.75	25.00
CA_[2A]-2A-30A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B30	10	9820	2355.0	B66	10	66786	2145.0	24.65	25.00
CA_2A-2A-[30A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B30	10	9820	2355.0	B66	10	66786	2145.0	24.73	25.00
CA_2A-[2A]-30A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B30	10	9820	2355.0	B66	10	66786	2145.0	24.63	25.00
CA_[2A]-2A-30A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B30	10	9820	2355.0	B66	10	66786	2145.0	24.70	25.00
CA_2A-[2A]-30A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B30	10	9820	2355.0	B66	10	66786	2145.0	24.80	25.00
CA_[2A]-2A-[30A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B30	10	9820	2355.0	B66	10	66786	2145.0	24.50	25.00
CA_[2A]-[2A]-30A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B30	10	9820	2355.0	B66	10	66786	2145.0	24.83	25.00
CA_2A-2A-66A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.70	25.00
CA_2A-2A-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.69	25.00
CA_2A-[2A]-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.70	25.00
CA_[2A]-2A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.80	25.00
CA_2A-2A-[66A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.50	25.00
CA_2A-[2A]-66A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.68	25.00
CA_[2A]-2A-66A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.74	25.00
CA_2A-[2A]-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.69	25.00
CA_[2A]-2A-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.60	25.00
CA_[2A]-[2A]-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.70	25.00
CA_2A-2A-[66B]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	10	66930	3639.4	B66	10	67029	3649.3	24.59	25.00
CA_[2A]-2A-66B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	10	66930	3639.4	B66	10	67029	3649.3	24.73	25.00
CA_[2A]-[2A]-66B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	10	66930	3639.4	B66	10	67029	3649.3	24.77	25.00
CA_2A-2A-[66C]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66984	1959.8	B66	20	67182	1979.6	24.81	25.00
CA_[2A]-2A-66C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66984	1959.8	B66	20	67182	1979.6	24.50	25.00
CA_[2A]-[2A]-66C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	902	1960.2	B66	20	66984	1980.0	B66	20	67182	1999.8	24.70	25.00
CA_2C-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	902	1960.2	B66	20	66786	2145.0	B66	20	67036	2170.0	24.80	25.00
CA_[2C]-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	902	1960.2	B66	20	66786	2145.0	B66	20	67036	2170.0	24.50	25.00
CA_2C-[66A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	902	1960.2	B66	20	66786	2145.0	B66	20	67036	2170.0	24.50	25.00
CA_2A-2A-[66A]-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B71	20	68761	634.5	24.70	25.00
CA_2A-[2A]-66A-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B71	20	68761	634.5	24.68	25.00
CA_[2A]-2A-66A-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B71	20	68761	634.5	24.50	25.00
CA_2A-[2A]-[66A]-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B71	20	68761	634.5	24.60	25.00
CA_[2A]-2A-[66A]-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B71	20	68761	634.5	24.70	25.00
CA_[2A]-[2A]-66A-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B2	20	700	1940.0	B66	20	66786	2145.0	B71	20	68761	634.5	24.20	25.00
CA_2A-[4A]-4A-5A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2050	2120.0	B4	5	2292	2131.7	B5	10	2525	881.5	24.60	25.00
CA_[2A]-4A-4A-5A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2050	2120.0	B5	5	2292	2131.7	B5	10	2525	881.5	24.50	25.00
CA_2A-[4A]-[4A]-5A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2050	2120.0	B6	5	2292	2131.7	B5	10	2525	881.5	24.20	25.00
CA_[2A]-[4A]-4A-5A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2050	2120.0	B7	5	2292	2131.7	B5	10	2525	881.5	24.30	25.00
CA_2A-[4A]-4A-12A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2050	2120.0	B8	5	2292	2131.7	B12	10	5095	737.5	24.70	25.00

CA_[2A]-4A-4A-12A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2050	2120.0	B9	5	2292	2131.7	B12	10	5095	737.5	24.90	25.00
CA_2A-[4A]-[4A]-12A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2050	2120.0	B10	5	2292	2131.7	B12	10	5095	737.5	24.85	25.00
CA_[2A]-[4A]-4A-12A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2050	2120.0	B11	5	2292	2131.7	B12	10	5095	737.5	24.75	25.00
CA_2A-[4A]-5B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B5	10	2525	881.5	B5	5	2453	874.3	24.90	25.00
CA_[2A]-4A-5B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B5	10	2525	881.5	B5	5	2453	874.3	24.85	25.00
CA_[2A]-[4A]-5B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B5	10	2525	881.5	B5	5	2453	874.3	24.90	25.00
CA_2A-4A-5A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B5	10	2525	881.5	B30	10	9820	2355.0	24.90	25.00
CA_2A-[4A]-5A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B5	10	2525	881.5	B30	10	9820	2355.0	24.70	25.00
CA_[2A]-4A-5A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B5	10	2525	881.5	B30	10	9820	2355.0	24.90	25.00
CA_2A-[4A]-5A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B5	10	2525	881.5	B30	10	9820	2355.1	24.76	25.00
CA_[2A]-4A-5A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B5	10	2525	881.5	B30	10	9820	2355.2	24.70	25.00
CA_[2A]-[4A]-5A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B5	10	2525	881.5	B30	10	9820	2355.3	24.90	25.00
CA_2A-[4A]-7A-7A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B7	20	3100	2655.0	B7	20	3350	2680.0	24.65	25.00
CA_[2A]-4A-7A-7A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B7	20	3100	2655.0	B7	20	3350	2680.0	24.75	25.00
CA_[2A]-[4A]-7A-7A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B7	20	3100	2655.0	B9	20	2850	2630.0	24.70	25.00
CA_2A-[4A]-7C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B7	20	3100	2655.0	B7	20	3298	2674.8	24.80	25.00
CA_[2A]-4A-7C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B7	20	3100	2655.0	B8	20	3298	2674.8	24.65	25.00
CA_[2A]-[4A]-7C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B7	20	3100	2655.0	B9	20	3298	2674.8	24.66	25.00
CA_2A-[4A]-7A-12A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B7	20	3100	2655.0	B12	10	5095	737.5	24.72	25.00
CA_[2A]-4A-7A-12A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B7	20	3100	2655.0	B12	10	5095	737.5	24.68	25.00
CA_[2A]-[4A]-7A-12A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B7	20	3100	2655.0	B12	10	5095	737.5	24.70	25.00
CA_2A-[4A]-12B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B12	5	5095	737.5	B12	5	5023	732.7	24.84	25.00
CA_[2A]-4A-12B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B12	6	5096	738.5	B12	5	5023	732.7	24.68	25.00
CA_[2A]-[4A]-12B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B12	7	5097	739.5	B12	5	5023	732.7	24.70	25.00
CA_2A-4A-12A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B12	10	5095	737.5	B30	10	9820	2355.0	24.50	25.00
CA_2A-[4A]-12A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B12	10	5095	737.5	B30	10	9820	2355.0	24.70	25.00
CA_[2A]-4A-12A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B12	10	5095	737.5	B30	10	9820	2355.0	24.68	25.00
CA_2A-[4A]-12A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B12	10	5095	737.5	B30	10	9820	2355.0	24.97	25.00
CA_[2A]-4A-12A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B12	10	5095	737.5	B30	10	9820	2355.0	24.92	25.00
CA_[2A]-[4A]-12A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B12	10	5095	737.5	B30	10	9820	2355.0	24.94	25.00
CA_2A-4A-29A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B29	10	9715	722.5	B30	10	9820	2355.0	24.89	25.00
CA_2A-[4A]-29A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B29	10	9715	722.5	B30	10	9820	2355.0	24.91	25.00
CA_[2A]-4A-29A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B29	10	9715	722.5	B30	10	9820	2355.0	24.86	25.00
CA_2A-[4A]-29A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B29	10	9715	722.5	B30	10	9820	2355.0	24.81	25.00
CA_[2A]-4A-29A-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B29	10	9715	722.5	B30	10	9820	2355.0	24.83	25.00
CA_[2A]-[4A]-29A-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B4	20	2175	2132.5	B29	10	9715	722.5	B30	10	9820	2355.0	24.81	25.00
CA_2A-5B-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B5	5	2453	874.3	B30	10	9820	2355.0	24.89	25.00
CA_[2A]-5B-30A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B5	5	2453	874.3	B30	10	9820	2355.1	24.94	25.00
CA_[2A]-5B-[30A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B5	5	2453	874.3	B30	10	9820	2355.2	24.89	25.00
CA_2A-5B-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B5	5	2453	874.3	B66	20	66786	2145.0	24.90	25.00
CA_[2A]-5B-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B5	5	2453	874.3	B66	20	66786	2145.0	24.75	25.00
CA_[2A]-5B-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B5	5	2453	874.3	B66	20	66786	2145.0	24.63	25.00
CA_[2A]-5A-7A-7A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B7	20	3100	2655.0	B7	20	3350	2680.0	24.75	25.00
CA_[2A]-5A-7C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B7	20	3100	2655.0	B7	20	3298	2674.8	24.70	25.00
CA_2A-5A-7A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B7	20	3100	2655.0	B66	20	66786	2145.0	24.80	25.00
CA_[2A]-5A-7A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B7	20	3100	2655.0	B66	20	66786	2145.0	24.90	25.00
CA_[2A]-5A-7A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B7	20	3100	2655	B66	20	66786	2145.0	24.65	25.00
CA_2A-5A-30A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B30	10	9820	2355.0	B66	20	66786	2145.0	24.75	25.00
CA_2A-5A-[30A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B30	10	9820	2355.0	B66	20	66786	2145.0	24.50	25.00
CA_[2A]-5A-30A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B30	10	9820	2355.0	B66	20	66786	2145.0	24.77	25.00
CA_2A-5A-[30A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B30	10	9820	2355.0	B66	20	66786	2145.0	24.65	25.00
CA_[2A]-5A-30A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B30	10	9820	2355.0	B66	20	66786	2145.0	24.72	25.00
CA_[2A]-5A-[30A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B30	10	9820	2355.0	B66	20	66786	2145.0	24.82	25.00
CA_2A-5A-[48C]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B48	20	56640	3690.0	B48	20	56442	3670.2	24.70	25.00
CA_[2A]-5A-48C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B48	20	56640	3690.0	B48	20	56442	3670.2	24.80	25.00
CA_2A-5A-48A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B48	20	55990	3625.0	B66	20	66786	2145.0	24.60	25.00
CA_2A-5A-[48A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B48	20	55990	3625.0	B66	20	66786	2145.0	24.72	25.00
CA_[2A]-5A-48A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B48	20	55990	3625.0	B66	20	66786	2145.0	24.90	25.00
CA_2A-5A-[48A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B48	20	55990	3625.0	B66	20	66786	2145.0	24.66	25.00
CA_[2A]-5A-48A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B48	20	55990	3625.0	B66	20	66786	2145.0	24.40	25.00
CA_[2A]-5A-[48A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B48	20	55990	3625.0	B66	20	66786	2145.0	24.75	25.00
CA_2A-5A-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B66	20	66786	2145.0	B66	10	67036	2170.0	24.65	25.00
CA_[2A]-5A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B66	20	66786	2145.0	B66	10	67036	2170.0	24.75	25.00
CA_2A-5A-[66A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B66	20	66786	2145.0	B66	10	67036	2170.0	24.90	25.00
CA_[2A]-5A-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B66	20	66786	2145.0	B66	10	67036	2170.0	24.72	25.00
CA_2A-5A-[66B]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B66	10	66786	2145.0	B66	10	66885	2154.9	24.68	25.00
CA_[2A]-5A-66B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B66	10	66786	2145.0	B66	10	66885	2154.9	24.90	25.00
CA_2A-5A-[66C]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B66	20	66786	2145.0	B66	20	66984	2164.8	24.65	25.00
CA_[2A]-5A-66C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B5	10	2525	881.5	B66	20	66786	2145.0	B66	20	66984	2164.8	24.90	25.00
CA_[2A]-7A-7A-13A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B7	20	3350	2680.0	B13	10	5230	751.0	24.90	25.00
CA_[2A]-7C-13A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B7	20	3298	2674.8	B13	10	5230	751.0	23.90	25.00
CA_[2A]-7A-7A-29A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B7	20	3350	2680.0	B29	10	9715	722.5	24.90	25.00
CA_[2A]-7C-29A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B7	20	3298	2674.8	B29	10	9715	722.5	24.65	25.00
CA_2A-7A-7A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B7	20	3350	2680	B66	20	66786	2145.0	24.80	25.00
CA_[2A]-7A-7A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B7	20	3350	2680	B66	20	66786	2145.0	24.90	25.00
CA_[2A]-7A-7A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B7	20	3350	2680.0	B66	20	66786	2145.0	24.70	25.00
CA_2A-7C-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B7	20	3298	2674.8	B66	20	66786	2145.0	24.80	25.00
CA_[2A]-7C-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B7	20	3298	2674.8	B66	20	66786	2145.0	24.00	25.00
CA_[2A]-7C-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B7	20	3298	2674.8	B66	20	66786	2145.0	24.70	25.00
CA_[2A]-7A-12B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B12	5	5095	737.5	B12	5	5023	732.7	24.80	25.00
CA_2A-7A-12A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B12	10	5095	737.5	B66	20	66786	2145.0	24.82	25.00
CA_[2A]-7A-12A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B12	10	5095	737.5	B66	20	66786	2145.0	24.50	25.00
CA_[2A]-7A-12A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B12	10	5095	737.5	B66	20	66786	2145.0	24.77	25.00
CA_2A-7A-13A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B13	10	5230	751.0	B66	20	66786	2145.0	24.68	25.00
CA_[2A]-7A-13A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B13	10	5230	751.0	B66	20	66786	2145.0	24.66	25.00
CA_[2A]-7A-13A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B13	10	5230	751.0	B66	20	66786	2145.0	24.72	25.00
CA_2A-7A-29A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B29	10	9715	722.5	B66	20	66786	2145.0	24.60	25.00
CA_[2A]-7A-29A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B29	10	9715	722.5	B66	20	66786	2145.0	24.50	25.00

CA_[2A]-7A-29A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B29	10	9715	722.5	B66	20	66786	2145.0	24.70	25.00
CA_2A-7A-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B66	20	66786	2145.0	B66	10	67036	2170.0	24.70	25.00
CA_[2A]-7A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B67	20	66786	2145.0	B66	10	67036	2170.0	24.80	25.00
CA_2A-7A-[66A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B68	20	66786	2145.0	B66	10	67036	2170.0	24.60	25.00
CA_[2A]-7A-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B7	20	3100	2655.0	B69	20	66786	2145.0	B66	10	67036	2170.0	24.72	25.00
CA_2A-12B-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	5	5095	737.5	B12	5	5023	732.7	B66	20	66786	2145.0	24.75	25.00
CA_[2A]-12B-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	5	5096	738.5	B13	5	5023	732.7	B66	20	66786	2145.0	24.80	25.00
CA_[2A]-12B-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	5	5097	739.5	B14	5	5023	732.7	B66	20	66786	2145.0	24.85	25.00
CA_2A-12A-30A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	10	5095	737.5	B30	10	9820	2355.0	B66	20	66786	2145.0	24.70	25.00
CA_2A-12A-[30A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	10	5095	737.5	B30	10	9820	2355.0	B66	20	66786	2145.0	24.80	25.00
CA_[2A]-12A-30A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	10	5095	737.5	B30	10	9820	2355.0	B66	20	66786	2145.0	24.76	25.00
CA_2A-12A-[30A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	10	5095	737.5	B30	10	9820	2355.0	B66	20	66786	2145.0	24.57	25.00
CA_[2A]-12A-[30A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	10	5095	737.5	B30	10	9820	2355.0	B66	20	66786	2145.0	24.50	25.00
CA_[2A]-12A-30A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	10	5095	737.5	B30	10	9820	2355.0	B66	20	66786	2145.0	24.70	25.00
CA_2A-12A-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	10	5095	737.5	B66	20	66786	2145	B66	10	67036	2170.0	24.80	25.00
CA_[2A]-12A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	10	5095	737.5	B66	20	66786	2145	B66	10	67036	2170.0	24.68	25.00
CA_2A-12A-[66A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	10	5095	737.5	B66	20	66786	2145.0	B66	10	67036	2170.0	24.56	25.00
CA_[2A]-12A-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	10	5095	737.5	B66	20	66786	2145.0	B66	10	67036	2170.0	24.66	25.00
CA_2A-12A-[66C]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	10	5095	737.5	B66	20	66786	2145.0	B66	20	66984	2164.8	24.75	25.00
CA_[2A]-12A-66C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B12	10	5095	737.5	B66	20	66786	2145.0	B66	20	66984	2164.8	24.74	25.00
CA_2A-13A-[48C]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B48	20	55990	3625.0	B48	20	56188	3644.8	24.50	25.00
CA_[2A]-13A-48C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B48	20	55990	3625.0	B48	20	56188	3644.8	24.70	25.00
CA_[2A]-13A-48C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B48	20	55990	3625	B66	20	67036	2170.0	24.88	25.00
CA_2A-13A-48A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B48	20	55990	3625	B66	20	67036	2170.0	24.87	25.00
CA_2A-13A-[48A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B48	20	55990	3625	B66	20	67036	2170.0	24.86	25.00
CA_[2A]-13A-48A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B48	20	55990	3625	B66	20	67036	2170.0	24.80	25.00
CA_2A-13A-[48A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B48	20	55990	3625	B66	20	67036	2170.0	24.78	25.00
CA_[2A]-13A-48A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B48	20	55990	3625	B66	20	67036	2170.0	24.81	25.00
CA_[2A]-13A-[48A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.86	25.00
CA_2A-13A-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.83	25.00
CA_[2A]-13A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.82	25.00
CA_2A-13A-[66A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B66	20	66786	2145	B66	20	67036	2170.0	24.86	25.00
CA_[2A]-13A-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B66	10	66930	3639.4	B66	10	67029	3649.3	24.86	25.00
CA_2A-13A-[66B]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B66	10	66930	3639.4	B66	10	67029	3649.3	24.80	25.00
CA_[2A]-13A-66B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B66	20	66786	2145	B66	20	66984	2164.8	24.88	25.00
CA_2A-13A-[66C]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B48	20	55990	3625	B66	20	67036	2170.0	24.86	25.00
CA_[2A]-13A-66C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B13	10	5230	751.0	B66	20	66786	2145.0	B66	20	66984	2164.8	24.80	25.00
CA_2A-14A-30A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B14	10	5330	763.0	B30	10	9820	2355.0	B66	20	66786	2145.0	24.85	25.00
CA_2A-14A-[30A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B14	10	5330	763.0	B30	10	9820	2355.0	B66	20	66786	2145.0	24.86	25.00
CA_[2A]-14A-30A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B14	10	5330	763.0	B30	10	9820	2355.0	B66	20	66786	2145.0	24.54	25.00
CA_2A-14A-[30A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B14	10	5330	763.0	B30	10	9820	2355.0	B66	20	66786	2145.0	24.63	25.00
CA_[2A]-14A-30A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B14	10	5330	763.0	B30	10	9820	2355.0	B66	20	66786	2145.0	24.72	25.00
CA_[2A]-14A-[30A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B14	10	5330	763.0	B30	10	9820	2355.0	B66	20	66786	2145.0	24.88	25.00
CA_2A-14A-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B14	10	5330	763.0	B66	20	66786	2145	B66	10	67036	2170.0	24.87	25.00
CA_[2A]-14A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B14	10	5330	763.0	B66	20	66786	2145	B66	10	67036	2170.0	24.86	25.00
CA_2A-14A-[66A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B14	10	5330	763.0	B66	20	66786	2145	B66	10	67036	2170.0	24.80	25.00
CA_[2A]-14A-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B14	10	5330	763.0	B66	20	66786	2145	B66	10	67036	2170.0	24.78	25.00
CA_2A-29A-30A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B29	10	9715	722.5	B30	20	1100	1980.0	B30	10	9820	2355.0	24.81	25.00
CA_2A-29A-[30A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B29	10	9715	722.5	B30	20	1100	1980.0	B66	20	66786	2145.0	24.86	25.00
CA_[2A]-29A-30A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B29	10	9715	722.5	B30	20	1100	1980.0	B66	20	66786	2145.0	24.83	25.00
CA_2A-29A-[30A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B29	10	9715	722.5	B30	20	1100	1980.0	B66	20	66786	2145.0	24.82	25.00
CA_[2A]-29A-30A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B29	10	9715	722.5	B30	20	1100	1980.0	B66	20	66786	2145.0	24.86	25.00
CA_[2A]-29A-[30A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B29	10	9715	722.5	B30	20	1100	1980.0	B66	20	66786	2145.0	24.86	25.00
CA_2A-29A-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B29	10	9715	722.5	B66	20	66786	2145.0	B66	10	67036	2170.0	24.80	25.00
CA_[2A]-29A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B29	10	9715	722.5	B66	20	66786	2145.0	B66	10	67036	2170.0	24.88	25.00
CA_2A-29A-[66A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B29	10	9715	722.5	B66	20	66786	2145.0	B66	10	67036	2170.0	24.86	25.00
CA_[2A]-29A-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B29	10	9715	722.5	B66	20	66786	2145.0	B66	10	67036	2170.0	24.80	25.00
CA_2A-30A-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B30	20	1100	1980.0	B66	20	66786	2145.0	B66	10	67036	2170.0	24.85	25.00
CA_2A-[30A]-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B30	20	1100	1980.0	B66	20	66786	2145.0	B66	10	67036	2170.0	24.86	25.00
CA_[2A]-30A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B30	20	1100	1980.0	B66	20	66786	2145.0	B66	10	67036	2170.0	24.65	25.00
CA_2A-30A-[66A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B30	20	1100	1980.0	B66	20	66786	2145.0	B66	10	67036	2170.0	24.66	25.00
CA_2A-[30A]-66A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B30	20	1100	1980.0	B66	20	66786	2145.0	B66	10	67036	2170.0	24.70	25.00
CA_[2A]-30A-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B30	20	1100	1980.0	B66	20	66786	2145.0	B66	10	67036	2170.0	24.88	25.00
CA_2A-48A-[48C]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	56640	3690.0	B48	20	56640	3690.0	B48	20	56442	3670.2	24.87	25.00
CA_2A-[48A]-48C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	56640	3690.0	B48	20	56640	3690.0	B48	20	56442	3670.2	24.86	25.00
CA_[2A]-48A-48C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	56640	3690.0	B48	20	56640	3690.0	B48	20	56442	3670.2	24.80	25.00
CA_[2A]-[48A]-48C	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	56640	3690.0	B48	20	56640	3690.0	B48	20	56442	3670.2	24.78	25.00
CA_[2A]-48D	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B48	20	56188	3644.8	B48	20	56386	3664.6	24.81	25.00
CA_2A-48A-48A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B48	20	66786	2145.0	B66	20	66786	2145.0	24.86	25.00
CA_2A-[48A]-48A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B48	20	66786	2145.0	B66	20	66786	2145.0	24.83	25.00
CA_[2A]-48A-48A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B48	20	66786	2145.0	B66	20	66786	2145.0	24.82	25.00
CA_2A-[48A]-48A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B48	20	66786	2145.0	B66	20	66786	2145.0	24.86	25.00
CA_[2A]-48A-48A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B48	20	66786	2145.0	B66	20	66786	2145.0	24.86	25.00
CA_2A-[48A]-[48A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B48	20	66786	2145.0	B66	20	66786	2145.0	24.80	25.00
CA_[2A]-[48A]-48A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B48	20	66786	2145.0	B66	20	66786	2145.0	24.88	25.00
CA_2A-48C-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B48	20	56188	3644.8	B66	20	66786	2145.0	24.86	25.00
CA_2A-[48C]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B49	20	56188	3644.8	B66	20	66786	2145.0	24.80	25.00
CA_[2A]-48C-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B50	20	56188	3644.8	B66	20	66786	2145.0	24.85	25.00
CA_[2A]-48C-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B51	20	56188	3644.8	B66	20	66786	2145.0	24.86	25.00
CA_2A-48A-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B66	20	66786	2145	B66	20	67036	2170.0	24.20	25.00
CA_2A-48A-[66A]-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.50	25.00
CA_2A-[48A]-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.70	25.00
CA_2A-[48A]-66A-[66A]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.88	25.00
CA_[2A]-48A-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.87	25.00
CA_[2A]-[48A]-66A-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.86	25.00
CA_[2A]-48A-[66A]-66A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B48	20	55990	3625.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.80	25.00
CA_[2A]-66A-66B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	20	66786	2145.0	B66	10	66930	2159.4	B66	10	67029	2169.3	24.78	25.00
CA_2A-[66A]-66B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	20	66786	2145.0	B66	10	66930	2159.4	B66	10	67029	2169.3	24.81	25.00

CA_2A-66A-[66B]	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	20	66786	2145.0	B66	10	66930	2159.4	B66	10	67029	2169.3	24.86	25.00
CA_[2A]-[66A]-66B	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	20	66786	2145.0	B66	10	66930	2159.4	B66	10	67029	2169.3	24.83	25.00
CA_2A-66A-[66A]-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	20	66786	2145.0	B66	20	67036	2170.0	B71	20	68761	634.5	24.82	25.00
CA_2A-[66A]-66A-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	20	66786	2145.0	B66	20	67036	2170.0	B71	20	68761	634.5	24.86	25.00
CA_[2A]-66A-66A-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	20	66786	2145.0	B66	20	67036	2170.0	B71	20	68761	634.5	24.86	25.00
CA_2A-[66A]-[66A]-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	20	66786	2145.0	B66	20	67036	2170.0	B71	20	68761	634.5	24.80	25.00
CA_[2A]-66A-[66A]-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	20	66786	2145.0	B66	20	67036	2170.0	B71	20	68761	634.5	24.88	25.00
CA_[2A]-[66A]-66A-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	20	66786	2145.0	B66	20	67036	2170.0	B71	20	68761	634.5	24.86	25.00
CA_2A-[66C]-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	20	66786	2145.0	B66	20	66984	2164.8	B71	20	68761	634.5	24.80	25.00
CA_[2A]-66C-71A	B2	20	19100	1900.0	QPSK	1	0	1100	1980.0	B66	20	66786	2145.0	B66	20	66984	2164.8	B71	20	68761	634.5	24.85	25.00

C.2.2.3 LTE Band 4 as PCC

Combination	PCC									SCC 1				SCC 2				SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_[4A]-48A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B48	20	55990	3625.0									24.73	24.90
CA_4A-[48A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B48	20	55990	3625.0									24.70	24.90
CA_[4A]-[48A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B48	20	55990	3625.0									24.65	24.90
CA_2A-[2A]-4A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B2	20	1100	1980.0					24.77	24.90
CA_2A-[2A]-[4A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B2	20	1100	1980.0					24.68	24.90
CA_[2A]-[2A]-[4A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B2	20	1100	1980.0					24.78	24.90
CA_2A-4A-[4A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	1100	1980.0					24.79	24.90
CA_[2A]-4A-[4A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	1100	1980.0					24.68	24.90
CA_[2A]-[4A]-[4A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	1100	1980.0					24.85	24.90
CA_2A-[4A]-13A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	1100	1980.0	B13	10	5230	751.0					24.80	24.90
CA_[2A]-4A-13A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	1100	1980.0	B13	10	5230	751.0					24.70	24.90
CA_[2A]-[4A]-13A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	1100	1980.0	B13	10	5230	751.0					24.77	24.90
CA_2A-4A-[30A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	1100	1980.0	B30	10	9820	2355.0					24.79	24.90
CA_2A-[4A]-30A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	1100	1980.0	B30	10	9820	2355.0					24.76	24.90
CA_[2A]-4A-30A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	1100	1980.0	B30	10	9820	2355.0					24.78	24.90
CA_2A-[4A]-[30A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	1100	1980.0	B30	10	9820	2355.0					24.79	24.90
CA_[2A]-4A-[30A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	1100	1980.0	B30	10	9820	2355.0					24.71	24.90
CA_[2A]-[4A]-30A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	1100	1980.0	B30	10	9820	2355.0					24.78	24.90
CA_[2A]-[4A]-[30A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	1100	1980.0	B30	10	9820	2355.0					24.72	24.90
CA_[2A]-[4A]-71A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	1100	1980.0	B71	20	68761	634					24.70	24.90
CA_4A-[4A]-7A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B7	20	3100	2655					24.72	24.90
CA_[4A]-4A-7A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B7	20	3100	2655					24.66	24.90
CA_[4A]-[4A]-7A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B7	20	3100	2655.0					24.77	24.90
CA_[4A]-4A-13A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B13	10	5230	751.0					24.77	24.90
CA_[4A]-[4A]-13A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B13	10	5230	751.0					24.75	24.90
CA_[4A]-4A-29A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B29	10	9715	722.5					24.81	24.90
CA_4A-[4A]-71A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B71	20	68761	634.5					24.65	24.90
CA_[4A]-4A-71A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B71	20	68761	634.5					24.82	24.90
CA_[4A]-[4A]-71A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B71	20	68761	634.5					24.65	24.90
CA_4A-[48C]	B5	20	20175	1732.5	QPSK	1	49	2175	2132.5	B48	20	55990	3625.0	B48	20	56188	3644.8					24.83	24.90
CA_[4A]-48C	B5	20	20175	1732.5	QPSK	1	49	2175	2132.5	B48	20	55990	3625.0	B48	20	56188	3644.8					24.76	24.90
CA_[4A]-[48C]	B5	20	20175	1732.5	QPSK	1	49	2175	2132.5	B48	20	55990	3625.0	B48	20	56188	3644.8					24.85	24.90
CA_2A-2A-[4A]-4A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	900	1960.0	B2	20	1100	1980.0	24.82	24.90
CA_[2A]-2A-4A-4A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	900	1960.0	B2	20	1100	1980.0	24.72	24.90
CA_2A-2A-[4A]-[4A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	900	1960.0	B2	20	1100	1980.0	24.73	24.90
CA_[2A]-2A-[4A]-4A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	900	1960.0	B2	20	1100	1980.0	24.84	24.90
CA_[2A]-[2A]-4A-4A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	900	1960.0	B2	20	1100	1980.0	24.78	24.90
CA_2A-2A-[4A]-5A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B2	20	1100	1980.0	B5	10	2525	881.5	24.77	24.90
CA_[2A]-2A-4A-5A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B2	20	1100	1980.0	B5	10	2525	881.5	24.85	24.90
CA_[2A]-2A-[4A]-5A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B2	20	1100	1980.0	B5	10	2525	881.5	24.77	24.90
CA_[2A]-[2A]-4A-5A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B2	20	1100	1980.0	B5	10	2525	881.5	24.79	24.90
CA_2A-2A-[4A]-12A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	24.79	24.90
CA_[2A]-2A-4A-12A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	24.66	24.90
CA_[2A]-2A-[4A]-12A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	24.72	24.90
CA_[2A]-[2A]-4A-12A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	24.85	24.90
CA_2A-2A-[4A]-71A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B2	20	1100	1980.0	B71	20	68761	634.0	24.67	24.90
CA_[2A]-2A-4A-71A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B2	20	1100	1980.0	B71	20	68761	634.0	24.83	24.90
CA_[2A]-2A-[4A]-71A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B2	20	1100	1980.0	B71	20	68761	634.0	24.85	24.90
CA_[2A]-[2A]-4A-71A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B2	20	1100	1980.0	B71	20	68761	634.0	24.75	24.90
CA_2A-[4A]-4A-5A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	1100	1980.0	B5	10	2525	881.5	24.71	24.90
CA_[2A]-4A-4A-5A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	1100	1980.0	B5	10	2525	881.5	24.74	24.90
CA_2A-[4A]-[4A]-5A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	1100	1980.0	B5	10	2525	881.5	24.70	24.90
CA_[2A]-[4A]-4A-5A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	1100	1980.0	B5	10	2525	881.5	24.76	24.90
CA_2A-[4A]-4A-12A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	1100	1980.0	B12	10	5095	737.5	24.80	24.90
CA_[2A]-4A-4A-12A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	1100	1980.0	B12	10	5095	737.5	24.78	24.90
CA_2A-[4A]-[4A]-12A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	1100	1980.0	B12	10	5095	737.5	24.67	24.90
CA_[2A]-[4A]-4A-12A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B2	20	1100	1980.0	B12	10	5095	737.5	24.79	24.90
CA_2A-[4A]-5B	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B5	10	2525	881.5	B5	5	2453	874.3	24.77	24.90
CA_[2A]-4A-5B	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B5	10	2525	881.5	B5	5	2453	874.3	24.67	24.90
CA_[2A]-[4A]-5B	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B5	10	2525	881.5	B5	5	2453	874.3	24.70	24.90
CA_2A-4A-5A-[30A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B5	10	2525	881.5	B30	10	9820	2355.0	24.75	24.90
CA_2A-[4A]-5A-30A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B5	10	2525	881.5	B30	10	9820	2355.0	24.85	24.90
CA_[2A]-4A-5A-30A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B5	10	2525	881.5	B30	10	9820	2355.0	24.66	24.90
CA_2A-[4A]-5A-[30A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B5	10	2525	881.5	B30	10	9820	2355.0	24.70	24.90
CA_[2A]-4A-5A-[30A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B5	10	2525	881.5	B30	10	9820	2355.0	24.73	24.90
CA_[2A]-[4A]-5A-30A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B5	10	2525	881.5	B30	10	9820	2355.0	24.78	24.90
CA_2A-[4A]-7A-7A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3350	2680.0	24.65	24.90
CA_[2A]-4A-7A-7A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3350	2680.0	24.65	24.90
CA_[2A]-[4A]-7A-7A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3350	2680.0	24.74	24.90
CA_2A-[4A]-7C	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3298	2674.8	24.79	24.90
CA_[2A]-4A-7C	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3298	2674.8	24.65	24.90
CA_[2A]-[4A]-7C	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3298	2674.8	24.70	24.90
CA_2A-[4A]-7A-12A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B7	20	3100	2655.0	B12	10	5095	737.5	24.73	24.90
CA_[2A]-4A-7A-12A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B7	20	3100	2655.0	B12	10	5095	737.5	24.83	24.90
CA_[2A]-[4A]-7A-12A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B7	20	3100	2655.0	B12	10	5095	737.5	24.84	24.90
CA_2A-[4A]-12B	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B12	5	5095	737.5	B12	5	5023	732.7	24.67	24.90
CA_[2A]-4A-12B	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B12	5	5095	737.5	B12	5	5023	732.7	24.85	24.90
CA_[2A]-[4A]-12B	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B12	5	5095	737.5	B12	5	5023	732.7	24.82	24.90

CA_2A-4A-12A-[30A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B12	10	5095	737.5	B30	10	9820	2355.0	24.74	24.90
CA_2A-[4A]-12A-30A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B12	10	5095	737.5	B30	10	9820	2355.0	24.81	24.90
CA_[2A]-4A-12A-30A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B12	10	5095	737.5	B30	10	9820	2355.0	24.78	24.90
CA_2A-[4A]-12A-[30A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B12	10	5095	737.5	B30	10	9820	2355.0	24.67	24.90
CA_[2A]-4A-12A-[30A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B12	10	5095	737.5	B30	10	9820	2355.0	24.73	24.90
CA_[2A]-[4A]-12A-30A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B12	10	5095	737.5	B30	10	9820	2355.0	24.70	24.90
CA_2A-4A-29A-[30A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B29	10	9715	722.5	B30	10	9820	2355.0	24.65	24.90
CA_2A-[4A]-29A-30A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B29	10	9715	722.5	B30	10	9820	2355.0	24.77	24.90
CA_[2A]-4A-29A-30A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B29	10	9715	722.5	B30	10	9820	2355.0	24.68	24.90
CA_2A-[4A]-29A-[30A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B29	10	9715	722.5	B30	10	9820	2355.0	24.78	24.90
CA_[2A]-4A-29A-[30A]	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B29	10	9715	722.5	B30	10	9820	2355.0	24.79	24.90
CA_[2A]-[4A]-29A-30A	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B2	20	900	1960.0	B29	10	9715	722.5	B30	10	9820	2355.0	24.68	24.90
CA_[4A]-4A-5B	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B5	10	2525	881.5	B5	5	2453	874.3	24.85	24.90
CA_[4A]-[4A]-5B	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B5	10	2525	881.5	B5	5	2453	874.3	24.80	24.90
CA_[4A]-4A-12B	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B12	5	5095	737.5	B12	5	5023	732.7	24.70	24.90
CA_[4A]-[4A]-12B	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B4	5	2292	2144.2	B12	5	5095	737.5	B12	5	5023	732.7	24.77	24.90
CA_[4A]-48D	B4	20	20175	1732.5	QPSK	1	49	2175	2132.5	B48	20	55990	3625.0	B48	20	56188	3644.8	B48	20	56386	3664.6	24.79	24.90

C.2.2.4 LTE Band 5 as PCC

Combination	PCC									SCC 1				SCC 2				SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_5A-[25A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B25	20	8365	1962.5									23.75	23.85
CA_5A-[41A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B41	20	40620	2593.0									23.81	23.85
CA_5A-66A-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B66	20	66786	2145.0	B66	20	67036	2170.0					23.68	23.85
CA_2A-2A-[4A]-5A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B2	20	1100	1980.0	B4	20	2175	2132.5	23.82	23.85
CA_[2A]-2A-4A-5A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B2	20	1100	1980.0	B4	20	2175	2132.5	23.81	23.85
CA_[2A]-2A-[4A]-5A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B2	20	1100	1980.0	B4	20	2175	2132.5	23.84	23.85
CA_[2A]-[2A]-4A-5A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B2	20	1100	1980.0	B4	20	2175	2132.5	23.81	23.85
CA_[2A]-2A-5B	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B2	20	900	1960.0	B2	20	1100	1980.0	23.79	23.85
CA_[2A]-[2A]-5B	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B2	20	900	1960.0	B2	20	1100	1980.0	23.78	23.85
CA_[2A]-2A-5A-7A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B2	20	1100	1980.0	B7	20	3100	2655.0	23.83	23.85
CA_[2A]-[2A]-5A-7A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B2	20	1100	1980.0	B7	20	3100	2655.0	23.81	23.85
CA_2A-2A-5A-[30A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	23.84	23.85
CA_[2A]-2A-5A-30A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	23.84	23.85
CA_[2A]-2A-5A-[30A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	23.82	23.85
CA_[2A]-[2A]-5A-30A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	23.81	23.85
CA_2A-2A-5A-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B2	20	1100	1980.0	B66	10	9820	2355.0	23.83	23.85
CA_[2A]-2A-5A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B2	20	1100	1980.0	B66	10	9820	2355.0	23.81	23.85
CA_[2A]-2A-5A-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B2	20	1100	1980.0	B66	10	9820	2355.0	23.76	23.85
CA_[2A]-[2A]-5A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B2	20	1100	1980.0	B66	10	9820	2355.0	23.81	23.85
CA_2A-[4A]-4A-5A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B4	20	2175	2132.5	B4	5	2292	2144.2	23.78	23.85
CA_[2A]-4A-4A-5A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B4	20	2175	2132.5	B4	5	2292	2144.2	23.81	23.85
CA_2A-[4A]-[4A]-5A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B4	20	2175	2132.5	B4	5	2292	2144.2	23.82	23.85
CA_[2A]-[4A]-4A-5A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B4	20	2175	2132.5	B4	5	2292	2144.2	23.79	23.85
CA_2A-5B-[30A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B2	20	900	1960.0	B30	10	9820	2355.0	23.81	23.85
CA_[2A]-5B-30A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B2	20	900	1960.0	B30	10	9820	2355.0	23.81	23.85
CA_[2A]-5B-[30A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B2	20	900	1960.0	B30	10	9820	2355.0	23.82	23.85
CA_2A-5B-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B2	20	900	1960.0	B66	10	9820	2355.0	23.77	23.85
CA_[2A]-5B-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B2	20	900	1960.0	B66	10	9820	2355.0	23.76	23.85
CA_[2A]-5B-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B2	20	900	1960.0	B66	10	9820	2355.0	23.81	23.85
CA_[2A]-5A-7A-7A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3350	2680.0	23.81	23.85
CA_[2A]-5A-7C	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3298	2674.8	23.84	23.85
CA_2A-5A-7A-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B7	20	3100	2655.0	B66	10	9820	2355.0	23.81	23.85
CA_[2A]-5A-7A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B7	20	3100	2655.0	B66	10	9820	2355.0	23.79	23.85
CA_[2A]-5A-7A-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B7	20	3100	2655.0	B66	10	9820	2355.0	23.76	23.85
CA_2A-5A-30A-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B30	10	9820	2355.0	B66	10	9820	2355.0	23.74	23.85
CA_2A-5A-[30A]-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B30	10	9820	2355.1	B66	10	9820	2355.1	23.81	23.85
CA_[2A]-5A-30A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B30	10	9820	2355.1	B66	10	9820	2355.1	23.75	23.85
CA_2A-5A-[30A]-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B30	10	9820	2355.1	B66	10	9820	2355.1	23.81	23.85
CA_[2A]-5A-30A-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B30	10	9820	2355.1	B66	10	9820	2355.1	23.68	23.85
CA_[2A]-5A-[30A]-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B30	10	9820	2355.1	B66	10	9820	2355.1	23.82	23.85
CA_2A-5A-[48C]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B48	20	55990	3625.0	B48	20	56188	3644.8	23.81	23.85
CA_[2A]-5A-48C	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B48	20	55990	3625.0	B48	20	56188	3644.8	23.84	23.85
CA_2A-5A-48A-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	23.81	23.85
CA_2A-5A-[48A]-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	23.79	23.85
CA_[2A]-5A-48A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	23.78	23.85
CA_2A-5A-[48A]-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	23.83	23.85
CA_2A-5A-[48A]-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	23.81	23.85
CA_[2A]-5A-48A-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	23.84	23.85
CA_2A-5A-[66A]-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	23.84	23.85
CA_[2A]-5A-66A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	23.82	23.85
CA_2A-5A-[66A]-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	23.81	23.85
CA_[2A]-5A-[66A]-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	23.83	23.85
CA_2A-5A-[66B]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B66	10	66786	2145.0	B66	10	66885	2154.9	23.81	23.85
CA_[2A]-5A-66B	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B66	10	66786	2145.0	B66	10	66885	2154.9	23.76	23.85
CA_2A-5A-[66C]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	66984	2164.8	23.81	23.85
CA_[2A]-5A-66C	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	66984	2164.8	23.78	23.85
CA_[4A]-4A-5B	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B4	20	2175	2132.5	B4	5	2292	2144.2	23.81	23.85
CA_[4A]-[4A]-5B	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B4	20	2175	2132.5	B4	5	2292	2144.2	23.82	23.85
CA_5B-30A-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B30	10	9820	2355.1	B66	10	9820	2355.1	23.79	23.85
CA_5B-[30A]-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B30	10	9820	2355.1	B66	10	9820	2355.1	23.81	23.85
CA_5B-[30A]-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B30	10	9820	2355.1	B66	10	9820	2355.1	23.81	23.85
CA_5A-5A-[66A]-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	10	2600	889.0	B66	20	66786	2145	B66	20	67036	2170.0	23.82	23.85
CA_5A-5A-[66A]-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	10	2600	889.0	B66	20	66786	2145	B66	20	67036	2170.0	23.77	23.85
CA_5A-5A-[66B]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	10	2600	889.0	B66	10	66786	2145.0	B66	10	66885	2154.9	23.76	23.85
CA_5A-5A-[66C]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B66	20	66786	2145.0	B66	20	66984	2164.8	23.81	23.85
CA_5B-[66A]-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B66	20	66786	2145.0	B66	20	67036	2170.0	23.81	23.85
CA_5B-[66A]-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B66	20	66786	2145.0	B66	20	67036	2170.0	23.84	23.85
CA_5B-[66B]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B66	10	66786	2145.0	B66	10	66885	2154.9	23.81	23.85
CA_5B-[66C]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B5	5	2453	874.3	B66	20	66786	2145.0	B66	20	66984	2164.8	23.79	23.85
CA_5A-7A-7A-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B7	20	3100	2655.0	B7	20	3350	2680.0	B66	20	66786	2145.0	23.76	23.85
CA_5A-7C-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B7	20	3100	2655.0	B7	20	3298	2674.8	B66	20	66786	2145.0	23.74	23.85
CA_5A-7A-66A-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B7	20	3100	2655.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.81	23.85
CA_5A-7A-[66A]-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B7	20	3100	2655.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.75	23.85
CA_5A-[30A]-66A-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B30	10	9820	2355.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.81	23.85
CA_5A-30A-[66A]-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B30	10	9820	2355.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.68	23.85
CA_5A-30A-[66A]-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B30	10	9820	2355.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.82	23.85
CA_5A-[30A]-66A-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B30	10	9820	2355.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.81	23.85
CA_5A-48C-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B48	20	56640	3690.0	B48	20	56442	3670.2	B66	20	66786	2145.0	23.84	23.85
CA_5A-[48C]-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B48	20	56640	3690.0	B48	20	56442	3670.2	B66	20	66786	2145.0	23.81	23.85

CA_5A-48A-66A-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B48	20	55990	3625.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.79	23.85
CA_5A-48A-[66A]-66A	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B48	20	55990	3625.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.78	23.85
CA_5A-48A-[66A]-[66A]	B5	10	20525	836.5	QPSK	1	0	2525	881.5	B48	20	55990	3625.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.83	23.85

C.2.2.5 LTE Band 7 as PCC

Combination	PCC									SCC 1				SCC 2				SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_4A-[4A]-7A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B4	20	2175	2132.5	B4	5	2292	2144.2					23.45	23.48
CA_[4A]-4A-7A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B4	20	2175	2132.5	B4	5	2292	2144.2					23.44	23.48
CA_[4A]-[4A]-7A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B4	20	2175	2132.5	B4	5	2292	2144.2					23.42	23.48
CA_[2A]-2A-5A-7A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B2	20	1100	1980.0	B5	10	2525	881.5	23.45	23.48
CA_[2A]-[2A]-5A-7A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B2	20	1100	1980.0	B5	10	2525	881.5	23.47	23.48
CA_2A-[2A]-7A-7A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3100	2655.0	B2	20	900	1960.0	B2	20	1100	1980.0	23.46	23.48
CA_[2A]-2A-7A-7A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3100	2655.0	B2	20	900	1960.0	B2	20	1100	1980.0	23.45	23.48
CA_[2A]-[2A]-7A-7A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3100	2655.0	B2	20	900	1960.0	B2	20	1100	1980.0	23.44	23.48
CA_2A-[2A]-7C	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B2	20	900	1960.0	B2	20	1100	1980.0	23.39	23.48
CA_[2A]-2A-7C	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B2	20	900	1960.0	B2	20	1100	1980.0	23.41	23.48
CA_[2A]-[2A]-7C	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B2	20	900	1960.0	B2	20	1100	1980.0	23.42	23.48
CA_2A-[2A]-7A-12A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	23.45	23.48
CA_[2A]-2A-7A-12A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	23.46	23.48
CA_[2A]-[2A]-7A-12A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	23.47	23.48
CA_2A-[2A]-7A-13A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B2	20	1100	1980.0	B13	10	5230	751.0	23.46	23.48
CA_[2A]-2A-7A-13A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B2	20	1100	1980.0	B13	10	5230	751.0	23.45	23.48
CA_[2A]-[2A]-7A-13A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B2	20	1100	1980.0	B13	10	5230	751.0	23.41	23.48
CA_2A-2A-7A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.43	23.48
CA_2A-[2A]-7A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.41	23.48
CA_[2A]-2A-7A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.42	23.48
CA_2A-[2A]-7A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.41	23.48
CA_[2A]-2A-7A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.39	23.48
CA_[2A]-[2A]-7A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.38	23.48
CA_2A-[4A]-7A-7A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B2	20	1100	1980.0	B4	20	2175	2132.5	23.47	23.48
CA_[2A]-4A-7A-7A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B2	20	1100	1980.0	B4	20	2175	2132.5	23.46	23.48
CA_[2A]-[4A]-7A-7A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B2	20	1100	1980.0	B4	20	2175	2132.5	23.45	23.48
CA_2A-[4A]-7C	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B2	20	1100	1980.0	B4	20	2175	2132.5	23.44	23.48
CA_[2A]-4A-7C	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B2	20	1100	1980.0	B4	20	2175	2132.5	23.41	23.48
CA_[2A]-[4A]-7C	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B2	20	1100	1980.0	B4	20	2175	2132.5	23.42	23.48
CA_2A-[4A]-7A-12A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B12	10	5095	737.5	23.45	23.48
CA_[2A]-4A-7A-12A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B12	10	5095	737.5	23.44	23.48
CA_[2A]-[4A]-7A-12A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B12	10	5095	737.5	23.42	23.48
CA_[2A]-5A-7A-7A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B2	20	1100	1980.0	B5	10	2525	881.5	23.45	23.48
CA_[2A]-5A-7C	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B2	20	1100	1980	B5	10	2525	881.5	23.47	23.48
CA_2A-5A-7A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B5	10	2525	881.5	B66	20	66786	2145.0	23.46	23.48
CA_[2A]-5A-7A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B5	10	2525	881.5	B66	20	66786	2145.0	23.45	23.48
CA_[2A]-5A-7A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B5	10	2525	881.5	B66	20	66786	2145.0	23.44	23.48
CA_[2A]-7A-7A-13A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B2	20	1100	1980.0	B13	10	5230	751.0	23.39	23.48
CA_[2A]-7C-13A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B2	20	1100	1980.0	B13	10	5230	751.0	23.41	23.48
CA_[2A]-7A-7A-29A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B2	20	1100	1980.0	B29	10	9715	722.5	23.42	23.48
CA_[2A]-7C-29A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B2	20	1100	1980.0	B29	10	9715	722.5	23.45	23.48
CA_2A-7A-7A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.46	23.48
CA_[2A]-7A-7A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.47	23.48
CA_[2A]-7A-7A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.46	23.48
CA_2A-7C-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B2	20	1100	1980.0	B66	20	66786	2145.0	23.45	23.48
CA_[2A]-7C-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B2	20	1100	1980.0	B66	20	66786	2145.0	23.41	23.48
CA_[2A]-7C-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B2	20	1100	1980.0	B66	20	66786	2145.0	23.43	23.48
CA_[2A]-7A-12B	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B12	5	5095	737.5	B12	5	5023	732.7	23.41	23.48
CA_2A-7A-12A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B12	10	5095	737.5	B66	20	66786	2145.0	23.42	23.48
CA_[2A]-7A-12A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B12	10	5095	737.5	B66	20	66786	2145.0	23.41	23.48
CA_[2A]-7A-12A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B12	10	5095	737.5	B66	20	66786	2145.0	23.39	23.48
CA_2A-7A-13A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B13	10	5230	751.0	B66	20	66786	2145.0	23.38	23.48
CA_[2A]-7A-13A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B13	10	5230	751.0	B66	20	66786	2145.0	23.47	23.48
CA_[2A]-7A-13A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B13	10	5230	751.0	B66	20	66786	2145.0	23.46	23.48
CA_2A-7A-29A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B29	10	9715	722.5	B66	20	66786	2145.0	23.45	23.48
CA_[2A]-7A-29A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B29	10	9715	722.5	B66	20	66786	2145.0	23.44	23.48
CA_[2A]-7A-29A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B29	10	9715	722.5	B66	20	66786	2145.0	23.41	23.48
CA_2A-7A-[66A]-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.42	23.48
CA_[2A]-7A-66A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.45	23.48
CA_2A-7A-[66A]-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.44	23.48
CA_[2A]-7A-[66A]-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B2	20	1100	1980.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.42	23.48
CA_5A-7A-7A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B5	10	2525	881.5	B66	20	66786	2145.0	23.45	23.48
CA_5A-7C-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B5	10	2525	881.5	B66	20	66786	2145.0	23.47	23.48
CA_5A-7A-66A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B5	10	2525	881.5	B66	20	66786	2145.0	B66	20	67036	2170.0	23.46	23.48
CA_5A-7A-[66A]-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B5	10	2525	881.5	B66	20	66786	2145.0	B66	20	67036	2170.0	23.45	23.48
CA_7A-7A-13A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	10	2525	881.5	B13	10	5230	751.0	B66	20	66786	2145.0	23.44	23.48
CA_7C-13A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B13	10	5230	751.0	B66	20	66786	2145.0	23.39	23.48
CA_7A-7A-25A-[25A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B25	20	8365	1962.5	B25	20	8590	1985.0	23.41	23.48
CA_7A-7A-[25A]-[25A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B25	20	8365	1962.5	B25	20	8590	1985.0	23.42	23.48
CA_7C-25A-[25A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B25	20	8365	1962.5	B25	20	8590	1985.0	23.45	23.48
CA_7C-[25A]-[25A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B25	20	8365	1962.5	B25	20	8590	1985.0	23.46	23.48
CA_7A-7A-25A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B25	20	8365	1962.5	B66	20	66786	2145.0	23.47	23.48
CA_7A-7A-[25A]-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B25	20	8365	1962.5	B66	20	66786	2145.0	23.46	23.48
CA_7A-7A-[25A]-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B25	20	8365	1962.5	B66	20	66786	2145.0	23.45	23.48

CA_7C-25A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B25	20	8365	1962.5	B66	20	66786	2145.0	23.41	23.48
CA_7C-[25A]-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B25	20	8365	1962.5	B66	20	66786	2145.0	23.43	23.48
CA_7C-[25A]-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B25	20	8365	1962.5	B66	20	66786	2145.0	23.41	23.48
CA_7A-7A-29A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B29	10	9715	722.5	B66	20	66786	2145.0	23.42	23.48
CA_7C-29A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B29	10	9715	722.5	B66	20	66786	2145.0	23.41	23.48
CA_7A-7A-66A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.39	23.48
CA_7A-7A-[66A]-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.38	23.48
CA_7A-7A-[66A]-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3350	2680.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.47	23.48
CA_7C-[66A]-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B66	20	66786	2145.0	B66	20	67036	2170.0	23.46	23.48
CA_7C-[66A]-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B7	20	3048	2649.8	B66	20	66786	2145.0	B66	20	67036	2170.0	23.45	23.48
CA_7A-12A-66A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B12	10	5095	737.5	B66	20	66786	2145.0	B66	20	67036	2170.0	23.44	23.48
CA_7A-12A-[66A]-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B12	10	5095	737.5	B66	20	66786	2145.0	B66	20	67036	2170.0	23.41	23.48
CA_7A-12B-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B12	5	5095	737.5	B12	5	5023	732.7	B66	20	66786	2145.0	23.42	23.48
CA_7A-25A-25A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B25	20	8365	1962.5	B25	20	8590	1985.0	B66	20	66786	2145.0	23.45	23.48
CA_7A-[25A]-25A-66A	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B25	20	8365	1962.5	B25	20	8590	1985	B66	20	66786	2145.0	23.44	23.48
CA_7A-[25A]-25A-[66A]	B7	20	20850	2510.0	QPSK	1	0	2850	2630.0	B25	20	8365	1962.5	B25	20	8590	1985	B66	20	66786	2145.0	23.42	23.48

C.2.2.6 LTE Band 12 as PCC

Combination	PCC									SCC 1				SCC 2				SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_12A-[25A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B25	20	8590	1985.0									23.91	23.95
CA_12A-[48A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B48	20	55990	3625.0									23.89	23.95
CA_12A-[48C]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B48	20	55990	3625.0	B48	20	56188	3644.8					23.88	23.95
CA_2A-2A-[4A]-12A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B2	20	1100	1980.0	B4	20	2175	2132.5	23.79	23.95
CA_[2A]-2A-4A-12A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B2	20	1100	1980.0	B4	20	2175	2132.5	23.84	23.95
CA_[2A]-2A-[4A]-12A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B2	20	1100	1980	B4	20	2175	2132.5	23.85	23.95
CA_[2A]-[2A]-4A-12A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B2	20	1100	1980.0	B4	20	2175	2132.5	23.86	23.95
CA_2A-[2A]-7A-12A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B2	20	1100	1980.0	B7	20	3100	2655.0	23.84	23.95
CA_[2A]-2A-7A-12A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B2	20	1100	1980.0	B7	20	3100	2655.0	23.87	23.95
CA_[2A]-[2A]-7A-12A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B2	20	1100	1980.0	B7	20	3100	2655.0	23.94	23.95
CA_[2A]-2A-12B	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B12	5	5023	732.7	B2	20	900	1960.0	B2	20	1100	1980.0	23.92	23.95
CA_[2A]-[2A]-12B	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B12	5	5023	732.7	B2	20	900	1960.0	B2	20	1100	1980.0	23.91	23.95
CA_2A-2A-12A-[30A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	23.89	23.95
CA_[2A]-2A-12A-30A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	23.88	23.95
CA_[2A]-2A-12A-[30A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	23.85	23.95
CA_[2A]-[2A]-12A-30A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	23.86	23.95
CA_2A-2A-12A-[66A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.84	23.95
CA_[2A]-2A-12A-66A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.85	23.95
CA_[2A]-2A-12A-[66A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.84	23.95
CA_[2A]-[2A]-12A-66A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.81	23.95
CA_2A-[4A]-4A-12A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B4	20	2175	2132.5	B4	5	2292	2144.2	23.81	23.95
CA_[2A]-4A-4A-12A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B4	20	2175	2132.5	B4	5	2292	2144.2	23.91	23.95
CA_2A-[4A]-[4A]-12A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B4	20	2175	2132.5	B4	5	2292	2144.2	23.89	23.95
CA_[2A]-[4A]-4A-12A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B4	20	2175	2132.5	B4	5	2292	2144.2	23.88	23.95
CA_2A-[4A]-7A-12A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B4	20	2175	2132.5	B7	20	3100	2655.0	23.79	23.95
CA_[2A]-4A-7A-12A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B4	20	2175	2132.5	B7	20	3100	2655.0	23.84	23.95
CA_[2A]-[4A]-7A-12A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B4	20	2175	2132.5	B7	20	3100	2655.0	23.85	23.95
CA_2A-[4A]-12B	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B12	5	5023	732.7	B2	20	1100	1980.0	B4	20	2175	2132.5	23.86	23.95
CA_[2A]-4A-12B	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B12	5	5023	732.7	B2	20	1100	1980.0	B4	20	2175	2132.5	23.84	23.95
CA_[2A]-[4A]-12B	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B12	5	5023	732.7	B2	20	1100	1980.0	B4	20	2175	2132.5	23.87	23.95
CA_2A-4A-12A-[30A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B4	20	2175	2132.5	B30	10	9820	2355.0	23.94	23.95
CA_2A-[4A]-12A-30A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B4	20	2175	2132.5	B30	10	9820	2355.0	23.92	23.95
CA_[2A]-4A-12A-30A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B4	20	2175	2132.5	B30	10	9820	2355.0	23.91	23.95
CA_2A-[4A]-12A-[30A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B4	20	2175	2132.5	B30	10	9820	2355.0	23.89	23.95
CA_[2A]-[4A]-12A-[30A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B4	20	2175	2132.5	B30	10	9820	2355.0	23.88	23.95
CA_[2A]-[4A]-12A-30A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B4	20	2175	2132.5	B30	10	9820	2355.0	23.85	23.95
CA_[2A]-7A-12B	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B12	5	5023	732.7	B2	20	900	1960.0	B7	20	3100	2655.0	23.86	23.95
CA_2A-7A-12A-[66A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B7	20	3100	2655.0	B66	20	66786	2145.0	23.84	23.95
CA_[2A]-7A-12A-66A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B7	20	3100	2655.0	B66	20	66786	2145.0	23.85	23.95
CA_[2A]-7A-12A-[66A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B7	20	3100	2655.0	B66	20	66786	2145.0	23.84	23.95
CA_2A-12B-[66A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B12	5	5023	732.7	B2	20	1100	1980.0	B66	20	66786	2145.0	23.81	23.95
CA_[2A]-12B-66A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B12	5	5023	732.7	B2	20	1100	1980.0	B66	20	66786	2145.0	23.81	23.95
CA_[2A]-12B-[66A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B12	5	5023	732.7	B2	20	1100	1980.0	B66	20	66786	2145.0	23.91	23.95
CA_2A-12A-30A-[66A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B30	10	9820	2355.0	B66	20	66786	2145.0	23.89	23.95
CA_2A-12A-[30A]-66A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B30	10	9820	2355.0	B66	20	66786	2145.0	23.88	23.95
CA_[2A]-12A-30A-66A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B30	10	9820	2355	B66	20	66786	2145.0	23.79	23.95
CA_2A-12A-[30A]-[66A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B30	10	9820	2355.0	B66	20	66786	2145.0	23.84	23.95
CA_[2A]-12A-[30A]-66A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B30	10	9820	2355.0	B66	20	66786	2145.0	23.87	23.95
CA_[2A]-12A-30A-[66A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B30	10	9820	2355	B66	20	66786	2145.0	23.94	23.95
CA_2A-12A-[66A]-66A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.92	23.95
CA_[2A]-12A-66A-66A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.91	23.95
CA_2A-12A-[66A]-[66A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.89	23.95
CA_[2A]-12A-[66A]-66A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.88	23.95
CA_2A-12A-[66C]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	66984	2164.8	23.85	23.95
CA_[2A]-12A-66C	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	66984	2164.8	23.86	23.95
CA_[4A]-4A-12B	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B12	5	5023	732.7	B4	20	2175	2132.5	B4	5	2292	2144.2	23.84	23.95
CA_[4A]-[4A]-12B	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B12	5	5023	732.7	B4	20	2175	2132.5	B4	5	2292	2144.2	23.85	23.95
CA_7A-12A-66A-[66A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B7	20	3100	2655.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.84	23.95
CA_7A-12A-[66A]-[66A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B7	20	3100	2655.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.81	23.95
CA_7A-12B-[66A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B12	5	5023	732.7	B7	20	3100	2655.0	B66	20	66786	2145.0	23.81	23.95
CA_12B-66A-[66A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B12	5	5023	732.7	B66	20	66786	2145.0	B66	20	67036	2170.0	23.91	23.95
CA_12B-[66A]-66A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B12	5	5023	732.7	B66	20	66786	2145.0	B66	20	67036	2170.0	23.89	23.95
CA_12B-[66A]-[66A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B12	5	5023	732.7	B66	20	66786	2145.0	B66	20	67036	2170.0	23.88	23.95
CA_12A-[30A]-66A-66A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B30	10	9820	2355.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.84	23.95
CA_12A-30A-[66A]-66A	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B30	10	9820	2355.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.87	23.95
CA_12A-30A-[66A]-[66A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B30	10	9820	2355.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.94	23.95
CA_12A-[30A]-66A-[66A]	B12	10	23095	707.5	QPSK	1	0	5095	737.5	B30	10	9820	2355.0	B66	20	66786	2145.0	B66	20	67036	2170.0	23.92	23.95

C.2.2.7 LTE Band 13 as PCC

Combination	PCC									SCC 1				SCC 2				SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_2A-[4A]-13A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	1100	1980.0	B4	20	2050	2120.0					24.76	24.80
CA_[2A]-4A-13A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	1100	1980.0	B4	20	2050	2120					24.75	24.80
CA_[2A]-[4A]-13A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	1100	1980.0	B4	20	2050	2120					24.74	24.80
CA_[4A]-4A-13A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B4	20	2175	2132.5	B4	5	2292	2144.2					24.79	24.80
CA_[4A]-[4A]-13A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B4	20	2175	2132.5	B4	5	2292	2144.2					24.71	24.80
CA_13A-66A-[66A]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B66	20	66786	2145.0	B66	20	67036	2170.0					24.69	24.80
CA_2A-[2A]-7A-13A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B2	20	1100	1980.0	B7	20	3100	2655.0	24.68	24.80
CA_[2A]-2A-7A-13A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B2	20	1100	1980.0	B7	20	3100	2655.0	24.67	24.80
CA_[2A]-[2A]-7A-13A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B2	20	1100	1980.0	B7	20	3100	2655.0	24.66	24.80
CA_2A-2A-13A-[66A]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	24.59	24.80
CA_[2A]-2A-13A-66A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	24.62	24.80
CA_[2A]-2A-13A-[66A]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	24.65	24.80
CA_[2A]-[2A]-13A-66A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	24.68	24.80
CA_[2A]-7A-7A-13A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3350	2680.0	24.69	24.80
CA_[2A]-7C-13A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3298	2674.8	24.71	24.80
CA_2A-7A-13A-[66A]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B7	20	3100	2655.0	B66	20	66786	2145.0	24.73	24.80
CA_[2A]-7A-13A-66A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B7	20	3100	2655.0	B66	20	66786	2145.0	24.75	24.80
CA_[2A]-7A-13A-[66A]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B7	20	3100	2655.0	B66	20	66786	2145.0	24.79	24.80
CA_2A-13A-[48C]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B48	20	55990	3625.0	B48	20	56188	3644.8	24.78	24.80
CA_[2A]-13A-48C	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B48	20	55990	3625.0	B48	20	56188	3644.8	24.77	24.80
CA_2A-13A-48A-[66A]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	24.76	24.80
CA_2A-13A-[48A]-66A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	24.76	24.80
CA_[2A]-13A-48A-66A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	24.75	24.80
CA_2A-13A-[48A]-[66A]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	24.74	24.80
CA_[2A]-13A-48A-[66A]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	24.79	24.80
CA_[2A]-13A-[48A]-66A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	24.71	24.80
CA_2A-13A-[66A]-66A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	24.69	24.80
CA_[2A]-13A-66A-66A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	24.68	24.80
CA_2A-13A-[66A]-[66A]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	24.67	24.80
CA_[2A]-13A-[66A]-66A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B48	20	55990	3625.0	B66	20	66786	2145.0	24.66	24.80
CA_2A-13A-[66B]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B66	10	66930	2159.4	B66	10	67029	2169.3	24.59	24.80
CA_[2A]-13A-66B	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B66	10	66930	2159.4	B66	10	67029	2169.3	24.62	24.80
CA_2A-13A-[66C]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B66	20	66984	2164.8	B66	20	67182	2184.6	24.65	24.80
CA_[2A]-13A-66C	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B2	20	900	1960.0	B66	20	66984	2164.8	B66	20	67182	2184.6	24.68	24.80
CA_7A-7A-13A-[66A]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B7	20	3100	2655.0	B7	20	3350	2680.0	B66	20	66786	2145.0	24.69	24.80
CA_7C-13A-[66A]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B7	20	3100	2655.0	B7	20	3350	2680.0	B66	20	66786	2145.0	24.71	24.80
CA_13A-48C-[66A]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B48	20	55990	3625.0	B48	20	56188	3644.8	B66	20	66786	2145.0	24.73	24.80
CA_13A-[48C]-66A	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B48	20	55990	3625.0	B48	20	56188	3644.8	B66	20	66786	2145.0	24.75	24.80
CA_13A-48A-[66B]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B48	20	55990	3625.0	B66	10	66930	2159.4	B66	10	67029	2169.3	24.79	24.80
CA_13A-[48A]-66B	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B48	20	55990	3625.0	B66	10	66930	2159.4	B66	10	67029	2169.3	24.78	24.80
CA_13A-48A-[66C]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B48	20	55990	3625.0	B66	20	66984	2164.8	B66	20	67182	2184.6	24.77	24.80
CA_13A-[48A]-66C	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B48	20	55990	3625.0	B66	20	66984	2164.8	B66	20	67182	2184.6	24.76	24.80
CA_13A-[66A]-66B	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B66	20	66786	2145.0	B66	10	66930	2159.4	B66	10	67029	2169.3	24.76	24.80
CA_13A-66A-[66B]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B66	20	66786	2145.0	B66	10	66930	2159.4	B66	10	67029	2169.3	24.75	24.80
CA_13A-[66A]-66C	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B66	20	66786	2145.0	B66	20	66984	2164.8	B66	20	67182	2184.6	24.74	24.80
CA_13A-66A-[66C]	B13	10	23230	782.0	QPSK	1	0	5230	751.0	B66	20	66786	2145.0	B66	20	66984	2164.8	B66	20	67182	2184.6	24.79	24.80

C.2.2.8 LTE Band 14 as PCC

Combination	PCC									SCC 1				SCC 2				SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_2A-2A-14A-[30A]	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	24.53	24.55
CA_[2A]-2A-14A-30A	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	24.51	24.55
CA_[2A]-2A-14A-[30A]	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	24.52	24.55
CA_[2A]-[2A]-14A-30A	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	24.51	24.55
CA_2A-2A-14A-[66A]	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	24.49	24.55
CA_[2A]-2A-14A-66A	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	24.53	24.55
CA_[2A]-2A-14A-[66A]	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	24.51	24.55
CA_[2A]-[2A]-14A-66A	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	24.52	24.55
CA_2A-2A-14A-30A-[66A]	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B30	10	9820	2355.0	B66	20	66786	2145.0	24.51	24.55
CA_2A-14A-[30A]-66A	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B30	10	9820	2355.0	B66	20	66786	2145.0	24.49	24.55
CA_[2A]-14A-30A-66A	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B30	10	9820	2355.0	B66	20	66786	2145.0	24.53	24.55
CA_2A-14A-[30A]-[66A]	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B30	10	9820	2355.0	B66	20	66786	2145.0	24.51	24.55
CA_[2A]-14A-30A-[66A]	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B30	10	9820	2355.0	B66	20	66786	2145.0	24.52	24.55
CA_[2A]-14A-[30A]-66A	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B30	10	9820	2355.0	B66	20	66786	2145.0	24.51	24.55
CA_2A-14A-[66A]-66A	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.49	24.55
CA_[2A]-14A-66A-66A	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.53	24.55
CA_2A-14A-[66A]-[66A]	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.51	24.55
CA_[2A]-14A-[66A]-66A	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.52	24.55
CA_14A-[30A]-66A-66A	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B30	10	9820	2355.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.51	24.55
CA_14A-30A-[66A]-66A	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B30	10	9820	2355.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.49	24.55
CA_14A-[30A]-[66A]-66A	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B30	10	9820	2355.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.53	24.55
CA_14A-30A-[66A]-[66A]	B14	10	23330	793.0	QPSK	1	0	5330	763.0	B30	10	9820	2355.0	B66	20	66786	2145.0	B66	20	67036	2170.0	24.51	24.55

C.2.2.9 LTE Band 25 as PCC

Combination	PCC									SCC 1					SCC 2					SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_12A-[25A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B5	10	2525	881.5									25.02	25.03
CA_25A-[25A]-26A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B26	15	8865	876.5					24.92	25.03
CA_[25A]-25A-26A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B26	15	8865	876.5					24.95	25.03
CA_[25A]-[25A]-26A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B26	15	8865	876.5					24.97	25.03
CA_25A-[25A]-66A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B66	20	66786	2145.0					24.98	25.03
CA_25A-[25A]-[66A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B66	20	66786	2145.0					24.95	25.03
CA_[25A]-[25A]-66A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B66	20	66786	2145.0					24.93	25.03
CA_[25A]-[25A]-[66A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B66	20	66786	2145.0					24.92	25.03
CA_25A-25A-[41A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B41	20	40620	2593.0					24.89	25.03
CA_25A-[25A]-41A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B41	20	40620	2593.0					24.91	25.03
CA_[25A]-25A-41A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B41	20	40620	2593.0					24.92	25.03
CA_25A-[25A]-[41A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B41	20	40620	2593.0					24.99	25.03
CA_[25A]-25A-[41A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B41	20	40620	2593.0					24.87	25.03
CA_[25A]-[25A]-41A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B41	20	40620	2593.0					25.02	25.03
CA_[25A]-[25A]-[41A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B41	20	40620	2593.0					24.92	25.03
CA_25A-26A-[41A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B26	15	8865	876.5	B41	20	40620	2593.0					24.95	25.03
CA_[25A]-26A-41A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B26	15	8865	876.5	B41	20	40620	2593.0					24.97	25.03
CA_[25A]-26A-[41A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B26	15	8865	876.5	B41	20	40620	2593.0					24.98	25.03
CA_[25A]-[41C]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B41	20	40620	2593.0	B41	20	40818	2612.8					24.95	25.03
CA_7A-7A-25A-[25A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B7	20	3100	2655.0	B7	20	3350	2680.0	24.93	25.03
CA_7A-7A-[25A]-[25A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B7	20	3100	2655.0	B7	20	3350	2680.0	24.92	25.03
CA_7C-25A-[25A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B7	20	3100	2655.0	B7	20	3298	2674.8	24.89	25.03
CA_7C-[25A]-[25A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B7	20	3100	2655.0	B7	20	3298	2674.8	24.91	25.03
CA_7A-7A-25A-[66A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B7	20	3100	2655.0	B7	20	3350	2680	B66	20	66786	2145.0	24.92	25.03
CA_7A-7A-[25A]-66A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B7	20	3100	2655.0	B7	20	3350	2680	B66	20	66786	2145.0	24.99	25.03
CA_7A-7A-[25A]-[66A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B7	20	3100	2655.0	B7	20	3350	2680.0	B66	20	66786	2145.0	24.87	25.03
CA_7C-25A-[66A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B7	20	3100	2655.0	B7	20	3298	2674.8	B66	20	66786	2145.0	25.02	25.03
CA_7C-[25A]-66A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B7	20	3100	2655.0	B7	20	3298	2674.8	B66	20	66786	2145.0	24.92	25.03
CA_7C-[25A]-[66A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B7	20	3100	2655.0	B7	20	3298	2674.8	B66	20	66786	2145.0	24.95	25.03
CA_7A-25A-25A-[66A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B7	20	3100	2655.0	B66	20	66786	2145.0	24.97	25.03
CA_7A-[25A]-25A-66A	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B7	20	3100	2655.0	B66	20	66786	2145.0	24.98	25.03
CA_7A-[25A]-25A-[66A]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B7	20	3100	2655.0	B66	20	66786	2145.0	24.95	25.03
CA_25A-25A-[41C]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B41	20	40620	2593.0	B41	20	40818	2612.8	24.93	25.03
CA_25A-[25A]-41C	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B41	20	40620	2593	B41	20	40818	2612.8	24.92	25.03
CA_[25A]-25A-41C	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B41	20	40620	2593	B41	20	40818	2612.8	24.89	25.03
CA_[25A]-[25A]-41C	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B25	10	8140	1940.0	B41	20	40620	2593.0	B41	20	40818	2612.8	24.91	25.03
CA_25A-26A-[41C]	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B26	15	8865	876.5	B41	20	40620	2593.0	B41	20	40818	2612.8	24.92	25.03
CA_[25A]-26A-41C	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B26	15	8865	876.5	B41	20	40620	2593.0	B41	20	40818	2612.8	24.99	25.03
CA_[25A]-41D	B25	20	26590	1905.0	QPSK	1	49	8590	1985.0	B41	20	41490	2680.0	B41	20	41292	2660.2	B41	20	41094	2640.4	24.87	25.03

C.2.2.10 LTE Band 26 as PCC

Combination	PCC									SCC 1					SCC 2					SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_25A-[25A]-26A	B26	10	26865	831.5	QPSK	1	0	8865	876.5	B25	20	8590	1985.0	B25	15	8590	1985.0					23.71	23.72
CA_[25A]-25A-26A	B26	10	26865	831.5	QPSK	1	0	8865	876.5	B25	20	8590	1985.0	B25	15	8590	1985					23.59	23.72
CA_[25A]-[25A]-26A	B26	10	26865	831.5	QPSK	1	0	8865	876.5	B25	20	8590	1985.0	B25	15	8590	1985.0					23.68	23.72
CA_25A-26A-[41A]	B27	10	26865	831.5	QPSK	1	0	8865	876.5	B25	20	8590	1985.0	B41	20	40620	2593.0					23.71	23.72
CA_[25A]-26A-41A	B28	10	26865	831.5	QPSK	1	0	8865	876.5	B25	20	8590	1985.0	B41	20	40620	2593.0					23.59	23.72
CA_[25A]-26A-[41A]	B29	10	26865	831.5	QPSK	1	0	8865	876.5	B25	20	8590	1985.0	B41	20	40620	2593.0					23.68	23.72
CA_25A-26A-[41C]	B30	10	26865	831.5	QPSK	1	0	8865	876.5	B25	20	8590	1985.0	B41	20	40620	2593.0	B41	20	40818	2612.8	23.71	23.72
CA_[25A]-26A-41C	B31	10	26865	831.5	QPSK	1	0	8865	876.5	B25	20	8590	1985.0	B41	20	40620	2593.0	B41	20	40818	2612.8	23.59	23.72

C.2.2.11 LTE Band 30 as PCC

Combination	PCC									SCC 1					SCC 2					SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_[2A]-[2A]-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0					22.81	22.86
CA_2A-4A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5					22.8	22.86
CA_2A-[4A]-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5					22.79	22.86
CA_[2A]-4A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5					22.8	22.86
CA_2A-[4A]-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5					22.82	22.86
CA_[2A]-4A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5					22.80	22.86
CA_[2A]-[4A]-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5					22.71	22.86
CA_[2A]-[4A]-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5					22.75	22.86

CA_[2A]-[30A]-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B66	20	67036	2170.0					22.77	22.86
CA_2A-2A-5A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B5	10	2525	881.5	22.82	22.86
CA_[2A]-2A-5A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B5	10	2525	881.5	22.83	22.86
CA_[2A]-2A-5A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B5	10	2525	881.5	22.81	22.86
CA_[2A]-[2A]-5A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B5	10	2525	881.5	22.82	22.86
CA_2A-2A-12A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	22.81	22.86
CA_[2A]-2A-12A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	22.71	22.86
CA_[2A]-2A-12A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	22.82	22.86
CA_[2A]-[2A]-12A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	22.8	22.86
CA_2A-2A-14A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B14	10	5330	763.0	22.71	22.86
CA_[2A]-2A-14A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B14	10	5330	763.0	22.85	22.86
CA_[2A]-2A-14A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B14	10	5330	763.0	22.83	22.86
CA_[2A]-[2A]-14A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B14	10	5330	763.0	22.81	22.86
CA_2A-2A-29A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B29	10	9715	722.5	22.80	22.86
CA_[2A]-2A-29A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B29	10	9715	722.5	22.79	22.86
CA_[2A]-2A-29A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B29	10	9715	722.5	22.80	22.86
CA_[2A]-[2A]-29A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B29	10	9715	722.5	22.82	22.86
CA_2A-2A-30A-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	22.80	22.86
CA_2A-2A-[30A]-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	22.71	22.86
CA_2A-[2A]-30A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	22.75	22.86
CA_[2A]-2A-30A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	22.77	22.86
CA_2A-2A-[30A]-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	22.82	22.86
CA_2A-[2A]-30A-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	22.83	22.86
CA_[2A]-2A-30A-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	22.81	22.86
CA_2A-[2A]-[30A]-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	22.81	22.86
CA_[2A]-2A-[30A]-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	22.83	22.86
CA_[2A]-[2A]-30A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	22.79	22.86
CA_2A-4A-5A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B5	10	2525	881.5	22.82	22.86
CA_2A-[4A]-5A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B5	10	2525	881.5	22.82	22.86
CA_[2A]-4A-5A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B5	10	2525	881.5	22.84	22.86
CA_2A-[4A]-5A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B5	10	2525	881.5	22.71	22.86
CA_[2A]-4A-5A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B5	10	2525	881.5	22.75	22.86
CA_[2A]-[4A]-5A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B5	10	2525	881.5	22.77	22.86
CA_2A-4A-12A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B12	10	5095	737.5	22.82	22.86
CA_2A-[4A]-12A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B12	10	5095	737.5	22.83	22.86
CA_[2A]-4A-12A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B12	10	5095	737.5	22.81	22.86
CA_2A-[4A]-12A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B12	10	5095	737.5	22.82	22.86
CA_[2A]-4A-12A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B12	10	5095	737.5	22.81	22.86
CA_[2A]-[4A]-12A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B12	10	5095	737.5	22.71	22.86
CA_2A-4A-29A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B29	10	9715	722.5	22.82	22.86
CA_2A-[4A]-29A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B29	10	9715	722.5	22.82	22.86
CA_[2A]-4A-29A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B29	10	9715	722.5	22.71	22.86
CA_2A-[4A]-29A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B29	10	9715	722.5	22.85	22.86
CA_[2A]-4A-29A-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B29	10	9715	722.5	22.83	22.86
CA_[2A]-[4A]-29A-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B4	20	2175	2132.5	B29	10	9715	722.5	22.81	22.86
CA_2A-5B-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B5	10	2525	881.5	B5	5	2453	874.3	22.80	22.86
CA_[2A]-5B-30A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B5	10	2525	881.5	B5	5	2453	874.3	22.79	22.86
CA_[2A]-5B-[30A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	1100	1980.0	B5	10	2525	881.5	B5	5	2453	874.3	22.80	22.86
CA_2A-5A-30A-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B5	10	2525	881.5	B66	20	66786	2145.0	22.82	22.86
CA_2A-5A-[30A]-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B5	10	2525	881.5	B66	20	66786	2145.0	22.8	22.86
CA_[2A]-5A-30A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B5	10	2525	881.5	B66	20	66786	2145.0	22.71	22.86
CA_2A-5A-[30A]-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B5	10	2525	881.5	B66	20	66786	2145.0	22.75	22.86
CA_[2A]-5A-30A-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B5	10	2525	881.5	B66	20	66786	2145.0	22.77	22.86
CA_[2A]-5A-[30A]-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B5	10	2525	881.5	B66	20	66786	2145.0	22.82	22.86
CA_2A-12A-30A-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B12	10	5095	737.5	B66	20	66786	2145.0	22.83	22.86
CA_2A-12A-[30A]-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B12	10	5095	737.5	B66	20	66786	2145.0	22.81	22.86
CA_[2A]-12A-30A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B12	10	5095	737.5	B66	20	66786	2145.0	22.82	22.86
CA_2A-12A-[30A]-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B12	10	5095	737.5	B66	20	66786	2145.0	22.84	22.86
CA_[2A]-12A-30A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B12	10	5095	737.5	B66	20	66786	2145.0	22.71	22.86
CA_[2A]-12A-30A-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B12	10	5095	737.5	B66	20	66786	2145.0	22.82	22.86
CA_2A-14A-30A-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B14	10	5330	763.0	B66	20	66786	2145.0	22.81	22.86
CA_2A-14A-[30A]-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B14	10	5330	763.0	B66	20	66786	2145.0	22.71	22.86
CA_[2A]-14A-30A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B14	10	5330	763.0	B66	20	66786	2145.0	22.85	22.86
CA_2A-14A-[30A]-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B14	10	5330	763.0	B66	20	66786	2145.0	22.83	22.86
CA_[2A]-14A-30A-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B14	10	5330	763.0	B66	20	66786	2145.0	22.81	22.86
CA_[2A]-14A-[30A]-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B14	10	5330	763.0	B66	20	66786	2145.0	22.8	22.86
CA_2A-29A-30A-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B29	10	9715	722.5	B66	20	66786	2145.0	22.79	22.86
CA_2A-29A-[30A]-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B29	10	9715	722.5	B66	20	66786	2145.0	22.81	22.86
CA_[2A]-29A-30A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B29	10	9715	722.5	B66	20	66786	2145.0	22.82	22.86
CA_2A-29A-[30A]-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B29	10	9715	722.5	B66	20	66786	2145.0	22.82	22.86
CA_[2A]-29A-30A-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B29	10	9715	722.5	B66	20	66786	2145.0	22.71	22.86
CA_[2A]-29A-[30A]-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B29	10	9715	722.5	B66	20	66786	2145.0	22.75	22.86
CA_2A-30A-[66A]-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	22.77	22.86
CA_2A-[30A]-66A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	22.82	22.86
CA_[2A]-30A-66A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	22.81	22.86
CA_2A-30A-[66A]-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	22.82	22.86
CA_2A-[30A]-66A-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	22.79	22.86
CA_[2A]-30A-[66A]-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	67036	2170.0	22.82	22.86
CA_5B-30A-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B5	10	2525	881.5	B5	5	2453	874.3	B66	20	67036	2170.0	22.82	22.86
CA_5B-[30A]-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B5	10	2525	881.5	B5	5	2453	874.3	B66	20	67036	2170.0	22.84	22.86
CA_5B-[30A]-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B5	10	2525	881.5	B5	5	2453	874.3	B66	20	67036	2170.0	22.71	22.86
CA_5A-[30A]-66A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B5	10	2525	881.5	B66	20	66786	2145.0	B66	20	67036	2170.0	22.75	22.86
CA_5A-30A-[66A]-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B5	10	2525	881.5	B66	20	66786	2145.0	B66	20	67036	2170.0	22.77	22.86
CA_5A-[30A]-66A-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B5	10	2525	881.5	B66	20	66786	2145.0	B66	20	67036	2170.0	22.82	22.86
CA_5A-30A-[66A]-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B5	10	2525	881.5	B66	20	66786	2145.0	B66	20	67036	2170.0	22.83	22.86
CA_12A-[30A]-66A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B12	10	5095	737.5	B66	20	66786	2145.0	B66	20	67036	2170.0	22.81	22.86
CA_12A-30A-[66A]-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B12	10	5095	737.5	B66	20	66786	2145.0	B66	20	67036	2170.0	22.82	22.86
CA_12A-30A-[66A]-	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B12	10	5095	737.5	B66	20	66786	2145.0	B66	20	67036	2170.0	22.80	22.86

[66A]																						
CA_12A-[30A]-66A-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B12	10	5095	737.5	B66	20	66786	2145.0	B66	20	67036	2170.0	22.71	22.86
CA_14A-[30A]-66A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B14	10	5330	763.0	B66	20	66786	2145.0	B66	20	67036	2170.0	22.82	22.86
CA_14A-30A-[66A]-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B14	10	5330	763.0	B66	20	66786	2145.0	B66	20	67036	2170.0	22.81	22.86
CA_14A-[30A]-[66A]-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B14	10	5330	763.0	B66	20	66786	2145.0	B66	20	67036	2170.0	22.71	22.86
CA_14A-30A-[66A]-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B14	10	5330	763.0	B66	20	66786	2145.0	B66	20	67036	2170.0	22.85	22.86
CA_29A-[30A]-66A-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B29	10	9715	722.5	B66	20	66786	2145.0	B66	20	67036	2170.0	22.83	22.86
CA_29A-30A-[66A]-66A	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B29	10	9715	722.5	B66	20	66786	2145.0	B66	20	67036	2170.0	22.81	22.86
CA_29A-[30A]-66A-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B29	10	9715	722.5	B66	20	66786	2145.0	B66	20	67036	2170.0	22.81	22.86
CA_29A-30A-[66A]-[66A]	B30	10	27710	2310.0	QPSK	1	0	9820	2355.0	B29	10	9715	722.5	B66	20	66786	2145.0	B66	20	67036	2170.0	22.79	22.86

C.2.2.12 LTE Band 41 as PCC

Combination	PCC									SCC 1				SCC 2				SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_[41A]-41A	B41	20	40620	2593.0	QPSK	1	49	40620	2593.0	B41	20	41490	2680.0									24.89	24.92
CA_41A-[41A]	B41	20	40620	2593.0	QPSK	1	49	40620	2593.0	B41	20	41490	2680.0									24.88	24.92
CA_[41A]-[41A]	B41	20	40620	2593.0	QPSK	1	49	40620	2593.0	B41	20	41490	2680.0									24.85	24.92
CA_41A-[41C]	B41	20	40620	2593.0	QPSK	1	49	40620	2593.0	B41	20	41490	2680.0	B41	20	41292	2660.2					24.89	24.92
CA_[41A]-41C	B41	20	40620	2593.0	QPSK	1	49	40620	2593.0	B41	20	41490	2680.0	B41	20	41292	2660.2					24.9	24.92
CA_[41A]-[41C]	B41	20	40620	2593.0	QPSK	1	49	40620	2593.0	B41	20	41490	2680.0	B41	20	41292	2660.2					22.85	24.92
CA_[41D]	B41	20	40620	2593.0	QPSK	1	49	40620	2593.0	B41	20	40818	2612.8	B41	20	41016	2632.6	B41	20	39750	2506.0	24.89	24.92
CA_[41A]-41D	B41	20	40620	2593.0	QPSK	1	49	40620	2593.0	B41	20	40818	2612.8	B41	20	41016	2632.6	B41	20	39750	2506.0	24.88	24.92
CA_41C-[41C]	B41	20	40620	2593.0	QPSK	1	49	40620	2593.0	B41	20	40818	2612.8	B41	20	41490	2660.2	B41	20	41292	2640.4	24.85	24.92
CA_[41C]-41C	B41	20	40620	2593.0	QPSK	1	49	40620	2593.0	B41	20	40818	2612.8	B41	20	41490	2660.2	B41	20	41292	2640.4	24.89	24.92

C.2.2.13 LTE Band 48 as PCC

Combination	PCC									SCC 1				SCC 2				SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_[48B]	B48	10	56690	3695.0	QPSK	1	0	56690	3695.0	B48	10	44639	3704.9									23.39	23.41
CA_[48A]-[48C]	B48	20	56640	3690.0	QPSK	1	49	56640	3690.0	B48	20	55340	3560.0	B48	20	55538	3579.8					23.35	23.41
CA_[48D]	B48	20	56640	3695.0	QPSK	1	49	56640	3690.0	B48	20	55990	3625.0	B48	20	56188	3644.8	B48	20	56386	3664.6	23.37	23.41
CA_[48A]-48D	B48	20	56640	3690.0	QPSK	1	49	56640	3690.0	B48	20	55990	3625.0	B48	20	56188	3644.8	B48	20	56386	3664.6	23.36	23.41
CA_[48C]-48C	B48	20	56640	3690.0	QPSK	1	49	56640	3690.0	B48	20	56442	3670.2	B48	20	55340	3560.0	B48	20	55538	3579.8	23.35	23.41

C.2.2.14 LTE Band 66 as PCC

Combination	PCC									SCC 1				SCC 2				SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_[2A]-[2A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0					25.33	25.34
CA_[2C]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1098	1979.8					25.32	25.34
CA_[2A]-[30A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B30	10	9820	2355.0					25.29	25.34
CA_2A-[48A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B48	20	55990	3625.0					25.25	25.34
CA_[2A]-[48A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B48	20	55990	3625.0					25.24	25.34
CA_[2A]-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B48	20	55990	3625.0					25.22	25.34
CA_[2A]-[66B]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B2	20	900	1960.0					25.31	25.34
CA_[2A]-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B2	20	900	1960.0					25.29	25.34
CA_5A-66A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B5	10	2525	881.5					25.26	25.34
CA_13A-66A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B13	10	5230	751.0					25.27	25.34
CA_25A-[25A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B25	20	8365	1962.5	B25	20	8590	1985.0					25.21	25.34
CA_25A-[25A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B25	20	8365	1962.5	B25	20	8590	1985.0					25.23	25.34
CA_[25A]-[25A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B25	20	8365	1962.5	B25	20	8590	1985.0					25.24	25.34
CA_[25A]-[25A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B25	20	8365	1962.5	B25	20	8590	1985.0					25.26	25.34
CA_[30A]-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B30	10	5230	751.0					25.31	25.34
CA_[48A]-[48A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B48	20	55990	3625.0	B48	20	56640	3690.0					25.32	25.34
CA_[48A]-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B48	20	55990	3625.0					25.29	25.34
CA_[48A]-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B48	20	55990	3625.0					25.21	25.34
CA_[48A]-[66B]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B48	20	55990	3625.0					25.29	25.34
CA_[48A]-[66C]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B48	20	55990	3625.0					25.25	25.34
CA_[48C]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B48	20	56640	3690.0	B48	20	56442	3670.2					25.24	25.34
CA_[66A]-[66B]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	10	66885	2154.9	B66	10	2164.8	2164.8					25.23	25.34
CA_[66A]-[66C]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B66	20	66838	2150.2					25.21	25.34
CA_[66D]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B66	20	67182	2184.6					25.23	25.34
CA_2A-2A-5A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B5	10	2525	881.5	25.26	25.34
CA_[2A]-2A-5A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B5	10	2525	881.5	25.27	25.34
CA_[2A]-2A-5A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B5	10	2525	881.5	25.21	25.34
CA_[2A]-[2A]-5A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B5	10	2525	881.5	25.19	25.34
CA_2A-2A-7A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B7	20	3100	2655.0	25.24	25.34
CA_2A-[2A]-7A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B7	20	3100	2655.0	25.26	25.34
CA_[2A]-2A-7A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B7	20	3100	2655.0	25.27	25.34
CA_2A-[2A]-7A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B7	20	3100	2655.0	25.31	25.34
CA_[2A]-2A-7A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B7	20	3100	2655.0	25.29	25.34
CA_[2A]-[2A]-7A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B7	20	3100	2655.0	25.32	25.34
CA_2A-2A-12A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	25.29	25.34
CA_[2A]-2A-12A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	25.25	25.34
CA_[2A]-2A-12A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	25.27	25.34
CA_[2A]-[2A]-12A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B12	10	5095	737.5	25.29	25.34
CA_2A-2A-13A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B13	10	5230	751.0	25.25	25.34

CA_[2A]-2A-13A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B13	10	5230	751.0	25.31	25.34
CA_[2A]-2A-13A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B13	10	5230	751.0	25.26	25.34
CA_[2A]-[2A]-13A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B13	10	5230	751.0	25.27	25.34
CA_2A-2A-14A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B14	10	5330	763.0	25.33	25.34
CA_[2A]-2A-14A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B14	10	5330	763.0	25.31	25.34
CA_[2A]-2A-14A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B14	10	5330	763.0	25.25	25.34
CA_[2A]-[2A]-14A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B14	10	5330	763.0	25.32	25.34
CA_2A-2A-29A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B29	10	9715	722.5	25.26	25.34
CA_[2A]-2A-29A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B29	10	9715	722.5	25.27	25.34
CA_[2A]-2A-29A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B29	10	9715	722.5	25.31	25.34
CA_[2A]-[2A]-29A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B29	10	9715	722.5	25.25	25.34
CA_2A-2A-30A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	25.26	25.34
CA_2A-2A-[30A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	25.27	25.34
CA_2A-[2A]-30A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	25.27	25.34
CA_[2A]-2A-30A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	25.29	25.34
CA_2A-2A-[30A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	25.25	25.34
CA_2A-[2A]-30A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	25.28	25.34
CA_[2A]-2A-30A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	25.21	25.34
CA_2A-[2A]-[30A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	25.29	25.34
CA_[2A]-2A-[30A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	25.24	25.34
CA_[2A]-[2A]-30A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B30	10	9820	2355.0	25.25	25.34
CA_2A-2A-66A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B2	20	1100	1980.0	25.26	25.34
CA_2A-2A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B2	20	1100	1980.0	25.24	25.34
CA_2A-[2A]-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B2	20	1100	1980.0	25.25	25.34
CA_[2A]-2A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B2	20	1100	1980.0	25.31	25.34
CA_2A-2A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B2	20	1100	1980.0	25.29	25.34
CA_2A-[2A]-66A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B2	20	1100	1980.0	25.25	25.34
CA_[2A]-2A-66A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B2	20	1100	1980.0	25.27	25.34
CA_2A-[2A]-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B2	20	1100	1980.0	25.29	25.34
CA_[2A]-2A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B2	20	1100	1980.0	25.25	25.34
CA_[2A]-[2A]-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B2	20	1100	1980.0	25.31	25.34
CA_2A-2A-[66B]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B2	20	900	1960.0	B2	20	1100	1980.0	25.26	25.34
CA_[2A]-2A-66B	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B2	20	900	1960.0	B2	20	1100	1980.0	25.27	25.34
CA_[2A]-[2A]-66B	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B2	20	900	1960.0	B2	20	1100	1980.0	25.33	25.34
CA_2A-2A-[66C]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B2	20	900	1960.0	B2	20	1100	1980.0	25.31	25.34
CA_[2A]-2A-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B2	20	900	1960.0	B2	20	1100	1980.0	25.25	25.34
CA_[2A]-[2A]-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B2	20	900	1960.0	B2	20	1100	1980.0	25.32	25.34
CA_2C-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B2	20	1098	1979.8	25.26	25.34
CA_[2C]-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B2	20	1098	1979.8	25.27	25.34
CA_2C-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B2	20	1098	1979.8	25.31	25.34
CA_2A-2A-[66A]-71A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B71	20	68761	634.5	25.25	25.34
CA_2A-[2A]-66A-71A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B71	20	68761	634.5	25.26	25.34
CA_[2A]-2A-66A-71A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B71	20	68761	634.5	25.27	25.34
CA_2A-[2A]-[66A]-71A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B71	20	68761	634.5	25.27	25.34
CA_[2A]-2A-[66A]-71A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B71	20	68761	634.5	25.29	25.34
CA_[2A]-[2A]-66A-71A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B2	20	1100	1980.0	B71	20	68761	634.5	25.25	25.34
CA_2A-5B-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B5	5	2453	874.3	25.28	25.34
CA_[2A]-5B-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B5	5	2453	874.3	25.21	25.34
CA_[2A]-5B-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B5	5	2453	874.3	25.29	25.34
CA_2A-5A-7A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B7	20	3100	2655.0	25.24	25.34
CA_[2A]-5A-7A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B7	20	3100	2655.0	25.25	25.34
CA_[2A]-5A-7A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B7	20	3100	2655.0	25.26	25.34
CA_2A-5A-30A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B30	10	9820	2355.0	25.24	25.34
CA_2A-5A-[30A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B30	10	9820	2355.0	25.25	25.34
CA_[2A]-5A-30A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B30	10	9820	2355.0	25.31	25.34
CA_2A-5A-[30A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B30	10	9820	2355.0	25.29	25.34
CA_[2A]-5A-30A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B30	10	9820	2355.0	25.25	25.34
CA_[2A]-5A-[30A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B30	10	9820	2355.0	25.26	25.34
CA_2A-5A-48A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B48	20	55990	3625.0	25.29	25.34
CA_2A-5A-[48A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B48	20	55990	3625.0	25.32	25.34
CA_[2A]-5A-48A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B48	20	55990	3625.0	25.26	25.34
CA_2A-5A-[48A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B48	20	55990	3625.0	25.25	25.34
CA_[2A]-5A-48A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B48	20	55990	3625.0	25.27	25.34
CA_[2A]-5A-[48A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B5	10	2525	881.5	B48	20	55990	3625.0	25.21	25.34
CA_2A-5A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B5	10	2525	881.5	25.29	25.34
CA_[2A]-5A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B5	10	2525	881.5	25.25	25.34
CA_2A-5A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B5	10	2525	881.5	25.24	25.34
CA_[2A]-5A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B5	10	2525	881.5	25.25	25.34
CA_2A-5A-[66B]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B2	20	900	1960.0	B5	10	2525	881.5	25.27	25.34
CA_[2A]-5A-66B	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B2	20	900	1960.0	B5	10	2525	881.5	25.26	25.34
CA_2A-5A-[66C]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B2	20	900	1960.0	B5	10	2525	881.5	25.27	25.34
CA_[2A]-5A-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B2	20	900	1960.0	B5	10	2525	881.5	25.21	25.34
CA_2A-7A-7A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3350	2680.0	25.29	25.34
CA_[2A]-7A-7A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3350	2680.0	25.27	25.34
CA_[2A]-7A-7A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3350	2680.0	25.29	25.34
CA_2A-7C-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3298	2674.8	25.25	25.34
CA_[2A]-7C-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3298	2674.8	25.31	25.34
CA_[2A]-7C-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B7	20	3298	2674.8	25.26	25.34
CA_2A-7A-12A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B12	10	5095	737.5	25.27	25.34
CA_[2A]-7A-12A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B12	10	5095	737.5	25.33	25.34
CA_[2A]-7A-12A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B12	10	5095	737.5	25.31	25.34
CA_2A-7A-13A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B13	10	5230	751.0	25.25	25.34
CA_[2A]-7A-13A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B13	10	5230	751.0	25.32	25.34
CA_[2A]-7A-13A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B13	10	5230	751.0	25.26	25.34
CA_2A-7A-29A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B29	10	9715	722.5	25.27	25.34
CA_[2A]-7A-29A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B29	10	9715	722.5	25.31	25.34
CA_[2A]-7A-29A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B7	20	3100	2655.0	B29	10	9715	722.5	25.25	25.34
CA_2A-7A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B7	20	3100	2655.0	25.26	25.34

CA_[2A]-7A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B7	20	3100	2655.0	25.27	25.34
CA_2A-7A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B7	20	3100	2655.0	25.27	25.34
CA_[2A]-7A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B7	20	3100	2655.0	25.29	25.34
CA_2A-12B-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B12	5	5095	737.5	B12	5	5023	732.7	25.25	25.34
CA_[2A]-12B-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B12	5	5095	737.5	B12	5	5023	732.7	25.28	25.34
CA_[2A]-12B-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B12	5	5095	737.5	B12	5	5023	732.7	25.21	25.34
CA_2A-12A-30A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B12	10	5095	737.5	B30	10	9820	2355.0	25.29	25.34
CA_2A-12A-[30A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B12	10	5095	737.5	B30	10	9820	2355.0	25.24	25.34
CA_[2A]-12A-30A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B12	10	5095	737.5	B30	10	9820	2355.0	25.25	25.34
CA_2A-12A-[30A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B12	10	5095	737.5	B30	10	9820	2355.0	25.26	25.34
CA_[2A]-12A-[30A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B12	10	5095	737.5	B30	10	9820	2355.0	25.24	25.34
CA_[2A]-12A-30A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B12	10	5095	737.5	B30	10	9820	2355.0	25.25	25.34
CA_2A-12A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B12	10	5095	737.5	25.31	25.34
CA_[2A]-12A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B12	10	5095	737.5	25.29	25.34
CA_2A-12A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B12	10	5095	737.5	25.25	25.34
CA_[2A]-12A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B12	10	5095	737.5	25.26	25.34
CA_2A-12A-[66C]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B2	20	900	1960.0	B12	10	5095	737.5	25.29	25.34
CA_[2A]-12A-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B2	20	900	1960.0	B12	10	5095	737.5	25.32	25.34
CA_2A-13A-48A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B13	10	5230	751.0	B48	20	55990	3625.0	25.26	25.34
CA_2A-13A-[48A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B13	10	5230	751.0	B48	20	55990	3625.0	25.25	25.34
CA_[2A]-13A-48A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B13	10	5230	751.0	B48	20	55990	3625.0	25.27	25.34
CA_2A-13A-[48A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B13	10	5230	751.0	B48	20	55990	3625.0	25.21	25.34
CA_[2A]-13A-48A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B13	10	5230	751.0	B48	20	55990	3625.0	25.29	25.34
CA_[2A]-13A-[48A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B13	10	5230	751.0	B48	20	55990	3625.0	25.25	25.34
CA_2A-13A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B13	10	5230	751.0	25.24	25.34
CA_[2A]-13A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B13	10	5230	751.0	25.25	25.34
CA_2A-13A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B13	10	5230	751.0	25.27	25.34
CA_[2A]-13A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B13	10	5230	751.0	25.26	25.34
CA_2A-13A-[66B]	B66	10	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B2	20	900	1960.0	B13	10	5230	751.0	25.27	25.34
CA_[2A]-13A-66B	B66	10	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B2	20	900	1960.0	B13	10	5230	751.0	25.21	25.34
CA_2A-13A-[66C]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B2	20	900	1960.0	B13	10	5230	751.0	25.29	25.34
CA_[2A]-13A-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B2	20	900	1960.0	B13	10	5230	751.0	25.27	25.34
CA_2A-14A-30A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B14	10	5330	763.0	B30	10	9820	2355.0	25.29	25.34
CA_2A-14A-[30A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B14	10	5330	763.0	B30	10	9820	2355.0	25.25	25.34
CA_[2A]-14A-30A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B14	10	5330	763.0	B30	10	9820	2355.0	25.31	25.34
CA_2A-14A-[30A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B14	10	5330	763.0	B30	10	9820	2355.0	25.26	25.34
CA_[2A]-14A-30A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B14	10	5330	763.0	B30	10	9820	2355.0	25.27	25.34
CA_[2A]-14A-[30A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B14	10	5330	763.0	B30	10	9820	2355.0	25.33	25.34
CA_2A-14A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	1100	1980.0	B14	10	5330	763.0	25.31	25.34
CA_[2A]-14A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	1100	1980.0	B14	10	5330	763.0	25.25	25.34
CA_2A-14A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	1100	1980.0	B14	10	5330	763.0	25.32	25.34
CA_[2A]-14A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	1100	1980.0	B14	10	5330	763.0	25.26	25.34
CA_2A-29A-30A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B29	10	9715	722.5	B30	10	9820	2355.0	25.27	25.34
CA_2A-29A-[30A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B29	10	9715	722.5	B30	10	9820	2355.0	25.31	25.34
CA_[2A]-29A-30A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B29	10	9715	722.5	B30	10	9820	2355.0	25.25	25.34
CA_2A-29A-[30A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B29	10	9715	722.5	B30	10	9820	2355.0	25.26	25.34
CA_[2A]-29A-30A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B29	10	9715	722.5	B30	10	9820	2355.0	25.27	25.34
CA_[2A]-29A-[30A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B29	10	9715	722.5	B30	10	9820	2355.0	25.27	25.34
CA_2A-29A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B29	10	9715	722.5	25.29	25.34
CA_[2A]-29A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B29	10	9715	722.5	25.25	25.34
CA_2A-29A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B29	10	9715	722.5	25.28	25.34
CA_[2A]-29A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B29	10	9715	722.5	25.21	25.34
CA_2A-30A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B30	10	9820	2355.0	25.29	25.34
CA_2A-[30A]-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B30	10	9820	2355.0	25.24	25.34
CA_[2A]-30A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B30	10	9820	2355.0	25.25	25.34
CA_2A-30A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B30	10	9820	2355.0	25.26	25.34
CA_2A-[30A]-66A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B30	10	9820	2355.0	25.24	25.34
CA_[2A]-30A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B30	10	9820	2355.0	25.25	25.34
CA_2A-48A-48A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B48	20	55990	3625.0	B48	20	56640	3690.0	25.31	25.34
CA_2A-[48A]-48A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B48	20	55990	3625.0	B48	20	56640	3690.0	25.29	25.34
CA_[2A]-48A-48A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B48	20	55990	3625.0	B48	20	56640	3690.0	25.25	25.34
CA_2A-[48A]-48A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B48	20	55990	3625.0	B48	20	56640	3690.0	25.26	25.34
CA_[2A]-48A-48A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B48	20	55990	3625.0	B48	20	56640	3690.0	25.29	25.34
CA_2A-[48A]-48A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B48	20	55990	3625.0	B48	20	56640	3690.0	25.32	25.34
CA_[2A]-48A-48A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B48	20	55990	3625.0	B48	20	56640	3690.0	25.26	25.34
CA_2A-48C-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B48	20	55990	3625.0	B48	20	56188	3644.8	25.25	25.34
CA_2A-[48C]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B48	20	55990	3625.0	B48	20	56188	3644.8	25.27	25.34
CA_[2A]-48C-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B48	20	55990	3625.0	B48	20	56188	3644.8	25.21	25.34
CA_[2A]-48C-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B2	20	900	1960.0	B48	20	55990	3625.0	B48	20	56188	3644.8	25.29	25.34
CA_2A-48A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B48	20	55990	3625.0	25.25	25.34
CA_2A-48A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B48	20	55990	3625.0	25.24	25.34
CA_2A-[48A]-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B48	20	55990	3625.0	25.25	25.34
CA_2A-[48A]-66A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B48	20	55990	3625.0	25.27	25.34
CA_[2A]-48A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B48	20	55990	3625.0	25.26	25.34
CA_[2A]-[48A]-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B48	20	55990	3625.0	25.27	25.34
CA_[2A]-48A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B2	20	900	1960.0	B48	20	55990	3625.0	25.21	25.34
CA_[2A]-66A-66B	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	10	66786	2145.0	B66	10	66885	2154.9	B2	20	900	1960.0	25.29	25.34
CA_2A-[66A]-66B	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	10	66786	2145.0	B66	10	66885	2154.9	B2	20	900	1960.0	25.27	25.34
CA_2A-66A-[66B]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	10	66786	2145.0	B66	10	66885	2154.9	B2	20	900	1960.0	25.29	25.34
CA_[2A]-[66A]-66B	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	10	66786	2145.0	B66	10	66885	2154.9	B2	20	900	1960.0	25.25	25.34
CA_2A-66A-[66A]-71A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B2	20	900	1960.0	B71	20	68761	634.5	25.31	25.34
CA_2A-[66A]-66A-71A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B2	20	900	1960.0	B71	20	68761	634.5	25.26	25.34
CA_[2A]-66A-66A-71A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B2	20	900	1960.0	B71	20	68761	634.5	25.27	25.34
CA_2A-[66A]-[66A]-71A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B2	20	900	1960.0	B71	20	68761	634.5	25.33	25.34
CA_[2A]-66A-[66A]-71A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B2	20	900	1960.0	B71	20	68761	634.5	25.31	25.34
CA_[2A]-[66A]-66A-71A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B2	20	900	1960.0	B71	20	68761	634.5	25.25	25.34
CA_2A-[66C]-71A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B2	20	900	1960.0	B71	20	68761	634.5	25.32	25.34
CA_[2A]-66C-71A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B2	20	900	1960.0	B71	20	68761	634.5	25.26	25.34

CA_5B-30A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B5	10	2525	881.5	B5	5	2453	874.3	B30	10	9820	2355.0	25.27	25.34
CA_5B-[30A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B5	10	2525	881.5	B5	5	2453	874.3	B30	10	9820	2355.0	25.31	25.34
CA_5B-[30A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B5	10	2525	881.5	B5	5	2453	874.3	B30	10	9820	2355.0	25.25	25.34
CA_5A-5A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B5	10	2525	881.5	B5	10	2600	889.0	25.26	25.34
CA_5A-5A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B5	10	2525	881.5	B5	10	2600	889.0	25.27	25.34
CA_5A-5A-[66B]	B66	10	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B5	10	2525	881.5	B5	10	2600	889.0	25.27	25.34
CA_5A-5A-[66C]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B5	10	2525	881.5	B5	10	2600	889.0	25.29	25.34
CA_5B-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	10	67036	2170.0	B5	10	2525	881.5	B5	5	2453	874.3	25.25	25.34
CA_5B-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B5	10	2525	881.5	B5	5	2453	874.3	25.28	25.34
CA_5B-[66B]	B66	10	132322	1745.0	QPSK	1	49	66786	2145.0	B66	10	66885	2154.9	B5	10	2525	881.5	B5	5	2453	874.3	25.21	25.34
CA_5B-[66C]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B5	10	2525	881.5	B5	5	2453	874.3	25.29	25.34
CA_5A-7A-7A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B5	10	2525	881.5	B7	20	3100	2655.0	B7	20	3350	2680.0	25.24	25.34
CA_5A-7C-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B5	10	2525	881.5	B7	20	3100	2655.0	B7	20	3298	2674.8	25.25	25.34
CA_5A-7A-66A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B5	10	2525	881.5	B7	20	3100	2655.0	25.26	25.34
CA_5A-7A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B5	10	2525	881.5	B7	20	3100	2655.0	25.24	25.34
CA_5A-[30A]-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B5	10	2525	881.5	B30	10	9820	2355.0	25.25	25.34
CA_5A-30A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B5	10	2525	881.5	B30	10	9820	2355.0	25.31	25.34
CA_5A-[30A]-66A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B5	10	2525	881.5	B30	10	9820	2355.0	25.29	25.34
CA_5A-30A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B5	10	2525	881.5	B30	10	9820	2355.0	25.25	25.34
CA_5A-48C-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B5	10	2525	881.5	B48	20	56640	3690.0	B48	20	56442	3670.2	25.26	25.34
CA_5A-[48C]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B5	10	2525	881.5	B48	20	56640	3690.0	B48	20	56442	3670.2	25.29	25.34
CA_5A-48A-66A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B5	10	2525	881.5	B48	20	55990	3625.0	25.32	25.34
CA_5A-48A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B5	10	2525	881.5	B48	20	55990	3625.0	25.26	25.34
CA_5A-48A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B5	10	2525	881.5	B48	20	55990	3625.0	25.25	25.34
CA_7A-7A-13A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655.0	B7	20	3350	2680.0	B13	10	5230	751.0	25.27	25.34
CA_7C-13A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655.0	B7	20	3298	2674.8	B13	10	5230	751.0	25.21	25.34
CA_7A-7A-25A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655.0	B7	20	3350	2680.0	B25	20	8365	1962.5	25.29	25.34
CA_7A-7A-[25A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655.0	B7	20	3350	2680.0	B25	20	8365	1962.5	25.25	25.34
CA_7A-7A-[25A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655.0	B7	20	3350	2680.0	B25	20	8365	1962.5	25.24	25.34
CA_7C-25A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655.0	B7	20	3298	2674.8	B25	20	8365	1962.5	25.25	25.34
CA_7C-[25A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655.0	B7	20	3298	2674.8	B25	20	8365	1962.5	25.27	25.34
CA_7C-[25A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655.0	B7	20	3298	2674.8	B25	20	8365	1962.5	25.26	25.34
CA_7A-7A-29A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655.0	B7	20	3350	2680.0	B29	10	9715	722.5	25.27	25.34
CA_7C-29A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655.0	B7	20	3298	2674.8	B29	10	9715	722.5	25.21	25.34
CA_7A-7A-66A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B7	20	3100	2655.0	B7	20	3350	2680.0	25.29	25.34
CA_7A-7A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B7	20	3100	2655.0	B7	20	3350	2680.0	25.27	25.34
CA_7A-7A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B7	20	3100	2655.0	B7	20	3350	2680.0	25.29	25.34
CA_7C-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B7	20	3100	2655.0	B7	20	3298	2674.8	25.25	25.34
CA_7C-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B7	20	3100	2655.0	B7	20	3298	2674.8	25.31	25.34
CA_7A-12A-66A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B7	20	3100	2655.0	B12	10	5095	737.5	25.26	25.34
CA_7A-12A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B7	20	3100	2655.0	B12	10	5095	737.5	25.27	25.34
CA_7A-12B-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655.0	B12	5	5095	737.5	B12	5	5023	732.7	25.33	25.34
CA_7A-25A-25A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655.0	B25	20	8365	1962.5	B25	20	8590	1985.0	25.31	25.34
CA_7A-[25A]-25A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655.0	B25	20	8365	1962.5	B25	20	8590	1985.0	25.25	25.34
CA_7A-[25A]-25A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B7	20	3100	2655.0	B25	20	8365	1962.5	B25	20	8590	1985.0	25.32	25.34
CA_12B-66A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B12	5	5095	737.5	B12	5	5023	732.7	25.26	25.34
CA_12B-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B12	5	5095	737.5	B12	5	5023	732.7	25.27	25.34
CA_12B-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B12	5	5095	737.5	B12	5	5023	732.7	25.31	25.34
CA_12A-[30A]-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B12	10	5095	737.5	B30	10	9820	2355.0	25.25	25.34
CA_12A-30A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B12	10	5095	737.5	B30	10	9820	2355.0	25.26	25.34
CA_12A-30A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B12	10	5095	737.5	B30	10	9820	2355.0	25.27	25.34
CA_12A-[30A]-66A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B12	10	5095	737.5	B30	10	9820	2355.0	25.27	25.34
CA_13A-48C-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B13	10	5230	751.0	B48	20	56640	3690.0	B48	20	56442	3670.2	25.29	25.34
CA_13A-[48C]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B13	10	5230	751.0	B48	20	56640	3690.0	B48	20	56442	3670.2	25.25	25.34
CA_13A-48A-[66B]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B13	10	5230	751.0	B48	20	55990	3625.0	25.28	25.34
CA_13A-[48A]-66B	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B13	10	5230	751.0	B48	20	55990	3625.0	25.21	25.34
CA_13A-48A-[66C]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B13	10	5230	751.0	B48	20	55990	3625.0	25.29	25.34
CA_13A-[48A]-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B13	10	5230	751.0	B48	20	55990	3625.0	25.24	25.34
CA_13A-[66A]-66B	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B13	10	5230	751.0	B66	20	67036	2170.0	25.25	25.34
CA_13A-66A-[66B]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B13	10	5230	751.0	B66	20	67036	2170.0	25.26	25.34
CA_13A-[66A]-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B66	20	66838	2150.2	B13	10	5230	751.0	25.24	25.34
CA_13A-66A-[66C]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B66	20	66838	2150.2	B13	10	5230	751.0	25.25	25.34
CA_14A-[30A]-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B14	10	5330	763.0	B30	10	9820	2355.0	25.31	25.34
CA_14A-30A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B14	10	5330	763.0	B30	10	9820	2355.0	25.29	25.34
CA_14A-[30A]-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B14	10	5330	763.0	B30	10	9820	2355.0	25.25	25.34
CA_14A-30A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B14	10	5330	763.0	B30	10	9820	2355.0	25.26	25.34
CA_29A-[30A]-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B29	10	9715	722.5	B30	10	9820	2355.0	25.29	25.34
CA_29A-30A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B29	10	9715	722.5	B30	10	9820	2355.0	25.32	25.34
CA_29A-[30A]-66A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B29	10	9715	722.5	B30	10	9820	2355.0	25.26	25.34
CA_29A-30A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66786	2145.0	B29	10	9715	722.5	B30	10	9820	2355.0	25.25	25.34
CA_[48A]-48C-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B48	20	56640	3690.0	B48	20	56640	3690.0	B48	20	56442	3670.2	25.27	25.34
CA_48A-[48C]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B48	20	56640	3690.0	B48	20	56640	3690.0	B48	20	56442	3670.2	25.21	25.34
CA_48A-48C-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B48	20	56640	3690.0	B48	20	56640	3690.0	B48	20	56442	3670.2	25.29	25.34
CA_[48A]-48C-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B48	20	56640	3690.0	B48	20	56640	3690.0	B48	20	56442	3670.2	25.25	25.34
CA_[48A]-48A-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B48	20	55990	3625	B48	20	56640	3690.0	25.24	25.34
CA_48A-48A-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B48	20	55990	3625.0	B48	20	56640	3690.0	25.25	25.34
CA_[48A]-[48A]-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B48	20	55990	3625.0	B48	20	56640	3690.0	25.27	25.34
CA_[48A]-48A-66A-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B48	20	55990	3625.0	B48	20	56640	3690.0	25.26	25.34
CA_48A-48A-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B48	20	55990	3625.0	B48	20	56640	3690.0	25.27	25.34
CA_[48A]-48A-66B	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B48	20	55990	3625.0	B48	20	56640	3690.0	25.21	25.34
CA_48A-48A-[66B]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B48	20	55990	3625.0	B48	20	56640	3690.0	25.29	25.34
CA_[48A]-[48A]-66B	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B48	20	55990	3625.0	B48	20	56640	3690.0	25.27	25.34
CA_[48A]-48A-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B48	20	55990	3625.0	B48	20	56640	3690.0	25.29	25.34
CA_48A-48A-[66C]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B48	20	55990	3625.0	B48	20	56640	3690.0	25.25	25.34
CA_[48A]-[48A]-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B48	20	55990	3625.0	B48	20	56640	3690.0	25.31	25.34
CA_[48C]-66A-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B48	20	56640	3690.0	B48	20	56442	3670.2	25.26	25.34
CA_48C-[66A]-66A	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B48	20	56640	3690.0	B48	20	56442	3670.2	25.27	25.34
CA_48C-[66A]-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	67036	2170.0	B48	20	56640	3690.0	B48	20	56442	3670.2	25.33	25.34

CA_[48C]-66B	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B48	20	56640	3690.0	B48	20	56442	3670.2	25.31	25.34
CA_48C-[66B]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	5	66879	2154.3	B48	20	56640	3690.0	B48	20	56442	3670.2	25.25	25.34
CA_[48C]-66C	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B48	20	56640	3690.0	B48	20	56442	3670.2	25.32	25.34
CA_48C-[66C]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B66	20	66984	2164.8	B48	20	56640	3690.0	B48	20	56442	3670.2	25.26	25.34
CA_48D-[66A]	B66	20	132322	1745.0	QPSK	1	49	66786	2145.0	B48	20	55990	3625.0	B48	20	56188	3644.8	B48	20	56386	3664.6	25.27	25.34

C.2.2.15 LTE Band 71 as PCC

Combination	PCC									SCC 1				SCC 2				SCC 3				Power	
	Band	BW [MHz]	(UL) Ch.	(UL) Freq. [MHz]	Mod.	(UL) RB Size	(UL) RB Offset	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	Band	BW [MHz]	(DL) Ch.	(DL) Freq. [MHz]	LTE Tx. Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_[48A]-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B48	20	55990	3625.0									23.88	23.90
CA_2A-[2A]-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B2	20	1100	1980.0					23.85	23.90
CA_[2A]-2A-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B2	20	1100	1980.0					23.89	23.90
CA_[2A]-[2A]-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B2	20	1100	1980.0					23.79	23.90
CA_[2A]-[4A]-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B2	20	1100	1980.0					23.81	23.90
CA_4A-[4A]-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B4	20	2175	2132.5	B4	5	2292	2144.2					23.84	23.90
CA_[4A]-4A-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B4	20	2175	2132.5	B4	5	2292	2144.2					23.88	23.90
CA_[4A]-[4A]-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B4	20	2175	2132.5	B4	5	2292	2144.2					23.85	23.90
CA_[48C]-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B48	20	56640	3690.0	B48	20	56442	3670.2					23.89	23.90
CA_2A-2A-[4A]-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B2	20	1100	1980.0	B4	20	2175	2132.5	23.79	23.90
CA_[2A]-2A-4A-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B2	20	1100	1980.0	B4	20	2175	2132.5	23.81	23.90
CA_[2A]-2A-[4A]-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B2	20	1100	1980.0	B4	20	2175	2132.5	23.84	23.90
CA_[2A]-[2A]-4A-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B2	20	1100	1980.0	B4	20	2175	2132.5	23.88	23.90
CA_2A-2A-[66A]-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.85	23.90
CA_2A-[2A]-66A-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.89	23.90
CA_[2A]-2A-66A-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.79	23.90
CA_2A-[2A]-[66A]-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.81	23.90
CA_[2A]-2A-[66A]-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.84	23.90
CA_[2A]-[2A]-66A-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B2	20	1100	1980.0	B66	20	66786	2145.0	23.88	23.90
CA_2A-66A-[66A]-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	10	67036	2170.0	23.85	23.90
CA_2A-[66A]-66A-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	10	67036	2170.0	23.89	23.90
CA_[2A]-66A-66A-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	10	67036	2170.0	23.79	23.90
CA_2A-[66A]-[66A]-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	10	67036	2170.0	23.81	23.90
CA_[2A]-66A-[66A]-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	10	67036	2170.0	23.84	23.90
CA_[2A]-[66A]-66A-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	10	67036	2170.0	23.88	23.90
CA_2A-[66C]-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	66984	2164.8	23.85	23.90
CA_[2A]-66C-71A	B71	20	133297	680.5	QPSK	1	0	68761	634.5	B2	20	900	1960.0	B66	20	66786	2145.0	B66	20	66984	2164.8	23.89	23.90

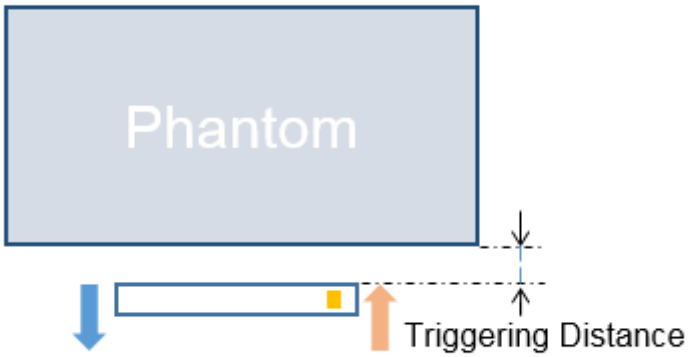
Appendix D. Power Reduction Verification

Proximity Sensor Triggering Distance (KDB 616217 §6.2)

Rear, Left, Right, Top, Bottom of the DUT was placed directly below the flat phantom. The DUT was moved toward the phantom in accordance with the steps outlined in KDB 616217 §6.2 to determine the trigger distance for enabling power reduction. The DUT was moved away from the phantom to determine the trigger distance for resuming full power.

The DUT featured a visual indicator on its display that showed the status of the proximity sensor (Triggered or not triggered).This was used to determine the status of the sensor during the proximity sensor assessment as monitoring the output power directly was not practical without affecting the measurement.

It was confirmed separately that the output power was altered according to the proximity sensor status indication. This was achieved by observing the proximity sensor status at the same time as monitoring the conducted power contains both the full and reduced conducted power measurements.



LEGEND
Direction of DUT travel for determination of power reduction triggering point
Direction of DUT travel for determination of full power resumption triggering point

Resulting test positions for SAR mearsurementes

Tissue simulating liquid	Band	Trigger distance – Rear		
		Moving toward phantom	Moving from phantom	Worst case distance for SAR
750 Head	LTE Band 12	20 mm	20 mm	19 mm
	LTE Band 13			
	LTE Band 14			
	LTE Band 71			
	5G NR n12			
	5G NR n71			
850 Head	WCDMA Band 5	20 mm	20 mm	19 mm
	LTE Band 5			
	LTE Band 26			
	5G NR n5			
1750 Head	WCDMA Band 4	20 mm	20 mm	19 mm
	LTE Band 4 (Main1)			
	LTE Band 4 (Sub1)			
	LTE Band 66 (Main1)			
	LTE Band 66 (Sub1)			
	5G NR n66			
1900 Head	WCDMA Band 2	20 mm	20 mm	19 mm
	LTE Band 2 (Main1)			
	LTE Band 2 (Sub1)			
	LTE Band 25			
	5G NR n2			
	5G NR n25			

Tissue simulating liquid	Band	Trigger distance – Rear		
		Moving toward phantom	Moving from phantom	Worst case distance for SAR
2300 Head	LTE Band 30	19 mm	19 mm	18 mm
	LTE Band 40	19 mm	19 mm	18 mm
	5G NR n30	19 mm	19 mm	18 mm
2600 Head	LTE Band 7 (Main2)	19 mm	19 mm	18 mm
	LTE Band 7 (Sub1)	19 mm	19 mm	18 mm
	LTE Band 41 (PC3)	19 mm	19 mm	18 mm
	LTE Band 41 (PC2)	19 mm	19 mm	18 mm
	5G NR n41 (PC2)	19 mm	19 mm	18 mm
	5G NR n41 (PC3)	19 mm	19 mm	18 mm
3500 Head	LTE Band 48	19 mm	19 mm	18 mm
	5G NR n48	19 mm	19 mm	18 mm
3700 Head	5G NR n77 (PC2)	19 mm	19 mm	18 mm
	5G NR n77 (PC3)	19 mm	19 mm	18 mm
	5G NR n78 (PC3)	19 mm	19 mm	18 mm
2450 Head	WLAN Ant. 1	16 mm	16 mm	15 mm
	Bluetooth Ant. 1			
5000 Head	WLAN Ant. 1	16 mm	16 mm	15 mm
2450 Head	WLAN Ant. 2	15 mm	15 mm	14 mm
5000 Head	WLAN Ant. 2	15 mm	15 mm	14 mm

Proximity Sensor Triggering Distance Measurement Results – Rear Side (Main1 Ant)

DUT Moving Toward (Trigger) to the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	25	24	23	22	21	20	19	18	17	16
WCDMA II	24.72	24.71	24.69	24.66	24.59	14.23	14.21	14.31	14.14	14.25
WCDMA IV	24.35	24.48	24.50	24.45	24.44	13.56	13.52	13.72	13.54	13.71
WCDMA V	23.66	23.45	23.60	23.73	23.67	16.49	16.77	16.61	16.68	16.51
LTE Band 2 (Main1)	24.88	24.83	25.00	24.76	24.84	13.78	13.80	13.80	13.86	13.80
LTE Band 4 (Main1)	24.49	24.58	24.45	24.65	24.59	14.16	14.13	14.17	14.05	13.91
LTE Band 5	24.52	24.57	24.68	24.67	24.49	17.25	17.13	17.28	17.33	17.13
LTE Band 12	24.80	24.74	24.74	24.84	24.74	17.43	17.44	17.31	17.20	17.26
LTE Band 13	24.47	24.56	24.37	24.56	24.56	17.20	16.99	17.17	17.06	16.93
LTE Band 14	24.15	24.32	24.23	24.30	24.21	16.72	16.57	16.54	16.64	16.60
LTE Band 25	24.56	24.42	24.62	24.69	24.61	13.90	13.70	13.83	13.73	13.78
LTE Band 26	23.78	23.80	23.92	23.82	23.93	16.86	17.08	17.07	17.03	16.90
LTE Band 66 (Main1)	24.55	24.61	24.68	24.51	24.57	14.10	13.99	13.92	14.12	14.05
LTE Band 71	23.78	23.62	23.84	23.78	23.82	18.61	18.54	18.62	18.56	18.77
5G NR n2	24.32	24.33	24.32	24.27	24.32	14.22	14.32	14.27	14.21	14.22
5G NR n5	24.68	24.51	24.68	24.52	24.48	17.04	17.12	17.02	17.10	17.10
5G NR n12	24.94	24.82	24.81	24.82	24.71	17.05	17.18	17.08	17.00	17.13
5G NR n25	24.44	24.45	24.58	24.61	24.45	13.66	13.82	13.73	13.89	13.72
5G NR n66	24.31	24.59	24.37	24.39	24.46	13.57	13.62	13.71	13.68	13.71
5G NR n71	23.29	23.43	23.30	23.51	23.54	19.16	19.21	19.24	19.05	19.31

DUT Moving Away (Release) from the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	16	17	18	19	20	21	22	23	24	25
WCDMA II	14.19	14.28	14.37	14.26	14.18	24.75	24.81	24.79	24.62	24.81
WCDMA IV	13.54	13.76	13.59	13.74	13.53	24.23	24.53	24.31	24.30	24.53
WCDMA V	16.66	16.54	16.56	16.67	16.58	23.62	23.58	23.68	23.56	23.52
LTE Band 2 (Main1)	13.96	13.83	14.02	13.95	13.91	24.75	24.83	24.92	24.81	24.94
LTE Band 4 (Main1)	14.16	13.89	14.01	14.07	14.09	24.44	24.42	24.43	24.49	24.65
LTE Band 5	17.13	17.22	17.34	17.20	17.23	24.56	24.59	24.60	24.68	24.60
LTE Band 12	17.34	17.28	17.39	17.22	17.36	24.74	24.78	24.94	24.90	24.91
LTE Band 13	16.98	17.14	17.19	17.13	17.04	24.48	24.49	24.52	24.56	24.56
LTE Band 14	16.62	16.57	16.52	16.77	16.66	24.13	24.23	24.32	24.24	24.28
LTE Band 25	13.82	13.77	13.77	13.86	13.83	24.50	24.43	24.66	24.55	24.45
LTE Band 26	17.06	16.94	16.93	16.97	16.94	23.99	23.81	23.89	23.81	23.94
LTE Band 66 (Main1)	13.87	14.07	14.14	14.14	13.97	24.81	24.78	24.53	24.81	24.62
LTE Band 71	18.56	18.66	18.77	18.61	18.75	23.67	23.82	23.73	23.85	23.83
5G NR n2	14.25	14.31	14.25	14.19	14.13	24.46	24.48	24.27	24.39	24.27
5G NR n5	17.02	16.94	17.10	16.97	17.07	24.65	24.64	24.64	24.67	24.58
5G NR n12	17.17	17.14	17.28	17.18	17.08	24.72	24.92	24.64	24.80	24.68
5G NR n25	13.93	13.84	13.83	13.84	13.82	24.42	24.54	24.41	24.47	24.46
5G NR n66	13.66	13.58	13.67	13.81	13.69	24.36	24.42	24.36	24.46	24.37
5G NR n71	19.03	19.07	19.03	19.24	19.05	23.47	23.34	23.42	23.38	23.40

Proximity Sensor Triggering Distance Measurement Results – Rear Side (Main2 Ant)

DUT Moving Toward (Trigger) to the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	24	23	22	21	20	19	18	17	16	15
LTE Band 7 (Main2)	22.90	22.77	22.91	22.94	22.76	10.17	10.06	9.99	9.99	10.12
LTE Band 30	22.57	22.42	22.53	22.58	22.53	13.67	13.48	13.58	13.68	13.58
LTE Band 40	22.39	22.33	22.38	22.53	22.54	13.81	13.84	13.76	13.82	13.81
LTE Band 41(PC3)	24.23	24.40	24.44	24.27	24.37	13.34	13.24	13.29	13.35	13.15
LTE Band 41(PC2)	26.29	26.17	26.03	26.02	26.03	13.01	12.93	12.85	12.84	12.74
LTE Band 48	22.30	22.37	22.36	22.31	22.24	12.78	12.86	12.74	12.69	12.77
5G NR n30	22.26	22.27	22.41	22.24	22.27	12.97	12.91	12.91	12.93	12.98
5G NR n41(PC2)	19.91	19.86	19.74	19.77	19.77	10.53	10.77	10.74	10.80	10.75
5G NR n41(PC3)	18.16	18.33	18.07	18.12	18.13	11.29	11.16	11.00	11.01	11.07
5G NR n48	16.62	16.58	16.63	16.74	16.85	7.87	7.85	7.64	7.69	7.59
5G NR n77(PC2)	21.40	21.43	21.45	21.37	21.53	11.50	11.28	11.46	11.52	11.37
5G NR n77(PC3)	17.80	18.08	17.97	17.85	17.89	11.31	11.11	11.29	11.10	11.11
5G NR n78(PC3)	17.89	17.77	17.94	17.94	17.76	8.34	8.18	8.29	8.24	8.16

DUT Moving Away (Release) from the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	15	16	17	18	19	20	21	22	23	24
LTE Band 7 (Main2)	9.92	10.14	10.11	10.08	10.17	22.71	22.71	22.81	22.98	22.93
LTE Band 30	13.55	13.76	13.63	13.55	13.73	22.45	22.37	22.66	22.42	22.56
LTE Band 40	13.69	13.67	13.79	13.73	13.85	22.40	22.35	22.38	22.62	22.41
LTE Band 41(PC3)	13.43	13.26	13.18	13.40	13.30	24.20	24.36	24.42	24.16	24.39
LTE Band 41(PC2)	12.79	12.83	12.77	12.94	12.81	26.18	26.31	26.31	26.09	26.14
LTE Band 48	12.71	12.90	12.91	12.98	12.90	22.23	22.17	22.29	22.10	22.32
5G NR n30	12.91	13.13	12.92	12.97	13.02	22.41	22.34	22.22	22.42	22.39
5G NR n41(PC2)	10.70	10.73	10.75	10.62	10.53	19.84	19.92	19.72	19.81	19.65
5G NR n41(PC3)	11.19	11.13	11.29	11.09	11.13	18.08	18.18	18.22	18.07	18.35
5G NR n48	7.64	7.65	7.83	7.64	7.58	16.56	16.67	16.80	16.59	16.61
5G NR n77(PC2)	11.22	11.27	11.26	11.51	11.49	21.35	21.31	21.33	21.49	21.36
5G NR n77(PC3)	11.35	11.31	11.38	11.11	11.27	18.00	18.01	18.07	17.91	17.94
5G NR n78(PC3)	8.11	8.10	8.30	8.33	8.20	17.83	17.82	17.98	17.77	17.85

Proximity Sensor Triggering Distance Measurement Results – Rear Side (Sub1 Ant)

DUT Moving Toward (Trigger) to the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	25	24	23	22	21	20	19	18	17	16
LTE Band 2 (Sub1)	23.97	23.96	24.04	24.08	24.16	13.95	14.04	13.95	13.86	13.98
LTE Band 4 (Sub1)	24.62	24.62	24.70	24.58	24.81	13.76	13.93	13.82	14.00	14.02
LTE Band 7 (Sub1)	22.43	22.60	22.51	22.56	22.57	10.31	10.28	10.21	10.22	10.41
LTE Band 66 (Sub1)	24.64	24.49	24.62	24.48	24.53	14.41	14.48	14.37	14.24	14.32

DUT Moving Away (Release) from the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	16	17	18	19	20	21	22	23	24	25
LTE Band 2 (Sub1)	13.83	13.80	13.93	13.96	13.81	24.12	24.10	24.07	23.93	24.23
LTE Band 4 (Sub1)	14.04	13.93	13.99	14.06	13.76	24.66	24.80	24.63	24.72	24.75
LTE Band 7 (Sub1)	10.33	10.34	10.19	10.20	10.32	22.64	22.62	22.47	22.49	22.47
LTE Band 66 (Sub1)	14.30	14.24	14.20	14.20	14.40	24.63	24.64	24.43	24.39	24.65

Proximity Sensor Triggering Distance Measurement Results – Rear Side (WIFI Ant.1)

DUT Moving Toward (Trigger) to the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	21	20	19	18	17	16	15	14	13	12
2.4 GHz 802.11b	17.88	17.79	17.89	18.06	18.01	9.18	9.31	9.32	9.27	9.21
2.4 GHz 802.11g	16.63	16.80	16.80	16.65	16.77	9.03	8.88	8.95	8.86	8.83
2.4 GHz 802.11n	16.62	16.64	16.73	16.69	16.76	9.25	9.21	9.16	9.13	9.13
2.4 GHz 802.11ax SU	17.13	17.00	16.94	17.03	16.96	8.71	8.80	8.63	8.60	8.71
5 GHz 802.11a	16.05	15.95	15.97	15.79	16.05	5.75	5.84	5.69	5.69	5.83
5 GHz 802.11n 20MHz	14.71	14.63	14.64	14.62	14.71	4.82	4.88	4.81	4.88	4.82
5 GHz 802.11n 40MHz	13.02	13.08	12.93	12.85	12.99	4.64	4.71	4.59	4.70	4.80
5 GHz 802.11ac 20MHz	15.14	15.18	15.22	15.11	15.28	5.17	5.12	5.22	5.19	5.30
5 GHz 802.11ac 40MHz	13.04	12.90	13.09	12.97	12.90	4.83	4.75	4.89	4.82	4.69
5 GHz 802.11ac 80MHz	12.11	12.08	12.14	12.06	11.90	5.30	5.33	5.24	5.19	5.23
5 GHz 802.11ax SU(20M)	14.66	14.91	14.71	14.91	14.91	4.98	4.89	4.90	4.91	4.95
5 GHz 802.11ax SU(40M)	12.79	12.89	12.94	12.75	12.97	5.51	5.35	5.51	5.54	5.35
5 GHz 802.11ax SU(80M)	11.71	11.77	11.69	11.71	11.90	5.31	5.38	5.53	5.25	5.40
Bluetooth(DH5)	15.69	15.54	15.47	15.51	15.65	11.98	12.10	11.98	12.04	12.12

DUT Moving Away (Release) from the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	12	13	14	15	16	17	18	19	20	21
2.4 GHz 802.11b	9.43	9.42	9.40	9.18	9.23	17.92	17.94	17.96	17.87	17.77
2.4 GHz 802.11g	9.06	8.77	8.93	8.90	8.83	16.79	16.54	16.73	16.65	16.80
2.4 GHz 802.11n	9.30	9.22	9.21	9.28	9.21	16.70	16.77	16.76	16.74	16.60
2.4 GHz 802.11ax SU	8.68	8.76	8.73	8.78	8.60	16.98	16.85	16.91	16.89	17.04
5 GHz 802.11a	5.84	5.71	5.70	5.72	5.84	16.07	15.84	16.02	15.82	15.79
5 GHz 802.11n 20MHz	4.85	4.89	4.76	4.66	4.92	14.72	14.84	14.57	14.69	14.58
5 GHz 802.11n 40MHz	4.68	4.72	4.71	4.72	4.58	12.81	12.93	12.94	13.02	13.06
5 GHz 802.11ac 20MHz	5.09	5.14	5.31	5.27	5.29	15.22	15.16	15.15	15.14	15.12
5 GHz 802.11ac 40MHz	4.74	4.62	4.76	4.62	4.81	12.93	12.90	13.05	12.87	12.84
5 GHz 802.11ac 80MHz	5.32	5.11	5.17	5.30	5.14	12.11	12.00	12.04	12.06	12.07
5 GHz 802.11ax SU(20M)	4.81	4.87	4.89	4.87	5.01	14.67	14.61	14.90	14.68	14.81
5 GHz 802.11ax SU(40M)	5.52	5.35	5.53	5.40	5.31	12.83	12.80	12.80	12.95	12.84
5 GHz 802.11ax SU(80M)	5.28	5.23	5.41	5.51	5.42	11.67	11.94	11.68	11.71	11.96
Bluetooth(DH5)	11.94	11.96	12.10	11.87	11.94	15.51	15.50	15.62	15.68	15.53

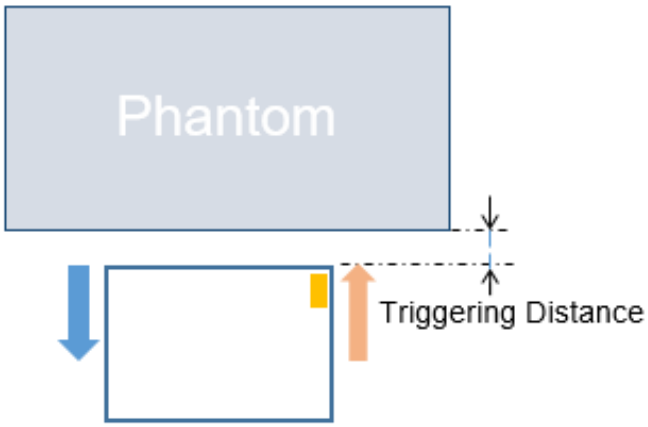
Proximity Sensor Triggering Distance Measurement Results – Rear Side (WIFI Ant.2)

DUT Moving Toward (Trigger) to the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	20	19	18	17	16	15	14	13	12	11
2.4 GHz 802.11b	18.48	18.38	18.39	18.29	18.47	9.52	9.45	9.31	9.41	9.35
2.4 GHz 802.11g	17.31	17.09	17.26	17.16	17.05	9.00	9.08	8.94	8.85	9.03
2.4 GHz 802.11n	16.77	16.62	16.71	16.59	16.67	9.08	9.10	8.91	8.98	8.99
2.4 GHz 802.11ax SU	16.79	16.96	16.79	16.97	16.94	8.98	9.11	8.94	9.08	9.02
5 GHz 802.11a	15.53	15.75	15.58	15.68	15.72	5.81	5.77	6.00	5.79	5.77
5 GHz 802.11n 20MHz	14.74	14.62	14.80	14.80	14.87	5.18	5.18	5.45	5.39	5.43
5 GHz 802.11n 40MHz	12.74	12.69	12.75	12.61	12.88	4.49	4.50	4.77	4.72	4.51
5 GHz 802.11ac 20MHz	15.13	15.15	14.88	15.08	15.12	5.39	5.51	5.46	5.25	5.46
5 GHz 802.11ac 40MHz	12.60	12.87	12.65	12.64	12.60	4.99	5.06	5.00	4.91	5.01
5 GHz 802.11ac 80MHz	11.88	11.84	11.79	11.79	12.03	5.37	5.38	5.34	5.33	5.32
5 GHz 802.11ax SU(20M)	14.99	15.12	14.96	14.95	15.08	4.74	4.53	4.63	4.61	4.58
5 GHz 802.11ax SU(40M)	12.98	13.12	13.02	13.03	12.93	5.46	5.22	5.41	5.29	5.43
5 GHz 802.11ax SU(80M)	12.03	11.94	12.14	12.15	12.20	5.19	5.05	5.25	5.15	5.24

DUT Moving Away (Release) from the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	11	12	13	14	15	16	17	18	19	20
2.4 GHz 802.11b	9.49	9.55	9.32	9.54	9.32	18.27	18.51	18.37	18.28	18.33
2.4 GHz 802.11g	8.83	8.99	9.06	8.84	8.86	17.13	17.16	17.25	17.14	17.16
2.4 GHz 802.11n	8.91	8.94	8.97	9.09	8.81	16.60	16.63	16.85	16.80	16.80
2.4 GHz 802.11ax SU	9.18	8.94	9.18	9.19	9.14	16.96	16.92	16.86	16.98	16.82
5 GHz 802.11a	5.99	5.90	6.05	6.00	5.98	15.74	15.49	15.66	15.57	15.54
5 GHz 802.11n 20MHz	5.26	5.28	5.31	5.19	5.34	14.87	14.62	14.75	14.61	14.90
5 GHz 802.11n 40MHz	4.57	4.77	4.58	4.76	4.65	12.74	12.85	12.61	12.84	12.88
5 GHz 802.11ac 20MHz	5.34	5.38	5.51	5.38	5.36	15.07	15.02	14.98	14.90	15.00
5 GHz 802.11ac 40MHz	4.93	4.80	4.95	4.85	5.03	12.81	12.86	12.62	12.62	12.87
5 GHz 802.11ac 80MHz	5.39	5.45	5.44	5.42	5.30	11.85	11.83	11.87	11.94	11.95
5 GHz 802.11ax SU(20M)	4.78	4.65	4.74	4.63	4.54	14.97	15.11	14.89	15.12	15.06
5 GHz 802.11ax SU(40M)	5.37	5.29	5.22	5.42	5.24	12.93	13.13	13.06	13.04	12.93
5 GHz 802.11ax SU(80M)	5.09	5.27	5.29	5.25	5.18	12.20	12.05	12.17	12.20	12.21



LEGEND
Direction of DUT travel for determination of power reduction triggering point
Direction of DUT travel for determination of full power resumption triggering point

Resulting test positions for SAR mearsurementes

Tissue simulating liquid	Band	Trigger distance – Left		
		Moving toward phantom	Moving from phantom	Worst case distance for SAR
2450 Head	WLAN Ant. 1	10 mm	10 mm	9 mm
	Bluetooth Ant. 1			
5000 Head	WLAN Ant. 1	10 mm	10 mm	9 mm

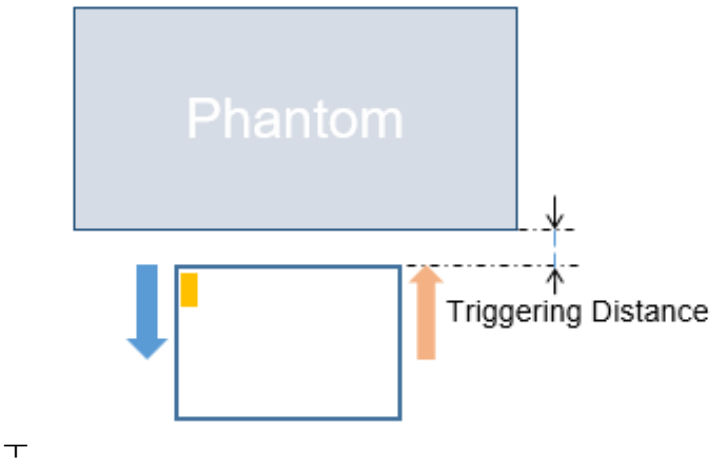
Proximity Sensor Triggering Distance Measurement Results – Left Edge (WIFI Ant.1)

DUT Moving Toward (Trigger) to the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	15	14	13	12	11	10	9	8	7	6
2.4 GHz 802.11b	18.07	18.00	18.07	17.84	17.78	9.48	9.48	9.45	9.25	9.27
2.4 GHz 802.11g	16.65	16.55	16.64	16.73	16.74	9.06	8.84	8.81	8.93	8.87
2.4 GHz 802.11n	16.74	16.51	16.51	16.71	16.68	9.17	9.24	9.33	9.09	9.16
2.4 GHz 802.11ax SU	17.04	16.85	16.99	16.83	16.99	8.79	8.61	8.60	8.82	8.64
5 GHz 802.11a	15.84	16.07	15.95	15.85	16.09	5.73	5.72	5.63	5.65	5.88
5 GHz 802.11n 20MHz	14.78	14.83	14.78	14.75	14.78	4.81	4.70	4.94	4.92	4.80
5 GHz 802.11n 40MHz	12.87	12.91	12.81	13.07	12.98	4.74	4.56	4.62	4.85	4.85
5 GHz 802.11ac 20MHz	15.31	15.36	15.14	15.29	15.33	5.20	5.02	5.28	5.12	5.27
5 GHz 802.11ac 40MHz	13.11	12.92	13.09	13.09	13.10	4.62	4.87	4.87	4.83	4.67
5 GHz 802.11ac 80MHz	11.93	11.93	11.89	12.07	12.10	5.20	5.19	5.13	5.18	5.14
5 GHz 802.11ax SU(20M)	14.83	14.64	14.88	14.91	14.87	4.97	4.93	4.90	4.90	4.85
5 GHz 802.11ax SU(40M)	12.74	12.84	12.85	12.72	12.98	5.49	5.39	5.30	5.43	5.33
5 GHz 802.11ax SU(80M)	11.86	11.87	11.73	11.67	11.93	5.48	5.34	5.47	5.23	5.27
Bluetooth(DH5)	15.65	15.70	15.50	15.62	15.51	12.04	12.13	12.01	12.03	11.93

DUT Moving Away (Release) from the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	6	7	8	9	10	11	12	13	14	15
2.4 GHz 802.11b	9.44	9.23	9.36	9.22	9.20	17.89	17.92	17.98	18.02	17.79
2.4 GHz 802.11g	8.93	9.05	8.99	9.05	8.96	16.55	16.67	16.56	16.78	16.59
2.4 GHz 802.11n	9.26	9.37	9.10	9.31	9.22	16.56	16.77	16.69	16.69	16.75
2.4 GHz 802.11ax SU	8.72	8.62	8.63	8.77	8.83	16.92	17.07	17.08	17.08	17.04
5 GHz 802.11a	5.69	5.61	5.83	5.68	5.83	16.06	15.87	15.97	16.06	16.06
5 GHz 802.11n 20MHz	4.77	4.87	4.83	4.68	4.93	14.60	14.69	14.64	14.79	14.66
5 GHz 802.11n 40MHz	4.83	4.56	4.57	4.75	4.57	12.94	12.99	13.08	13.00	12.86
5 GHz 802.11ac 20MHz	5.26	5.07	5.15	5.24	5.18	15.11	15.32	15.33	15.10	15.14
5 GHz 802.11ac 40MHz	4.72	4.77	4.80	4.66	4.68	12.89	12.98	13.11	13.04	12.99
5 GHz 802.11ac 80MHz	5.29	5.19	5.05	5.05	5.12	12.16	11.92	11.95	12.03	12.19
5 GHz 802.11ax SU(20M)	5.01	4.82	4.98	4.84	4.94	14.81	14.84	14.79	14.78	14.81
5 GHz 802.11ax SU(40M)	5.25	5.24	5.36	5.40	5.37	12.71	12.98	12.82	12.90	12.70
5 GHz 802.11ax SU(80M)	5.40	5.45	5.25	5.23	5.38	11.66	11.89	11.78	11.68	11.96
Bluetooth(DH5)	11.90	12.03	12.01	11.99	11.94	15.70	15.62	15.57	15.61	15.73



LEGEND
Direction of DUT travel for determination of power reduction triggering point
Direction of DUT travel for determination of full power resumption triggering point

Resulting test positions for SAR mearsurementes

Tissue simulating liquid	Band	Trigger distance – Right		
		Moving toward phantom	Moving from phantom	Worst case distance for SAR
750 Head	LTE Band 12	8 mm	8 mm	7 mm
	LTE Band 13			
	LTE Band 14			
	LTE Band 71			
	5G NR n12			
	5G NR n71			
850 Head	WCDMA Band 5	8 mm	8 mm	7 mm
	LTE Band 5			
	LTE Band 26			
	5G NR n5			
1750 Head	WCDMA Band 4	8 mm	8 mm	7 mm
	LTE Band 4 (Main1)			
	LTE Band 4 (Sub1)			
	LTE Band 66 (Main1)			
	LTE Band 66 (Sub1)			
	5G NR n66			
1900 Head	WCDMA Band 2	8 mm	8 mm	7 mm
	LTE Band 2 (Main1)			
	LTE Band 2 (Sub1)			
	LTE Band 25			
	5G NR n2			
	5G NR n25			

Tissue simulating liquid	Band	Trigger distance – Right		
		Moving toward phantom	Moving from phantom	Worst case distance for SAR
2600 Head	LTE Band 7 (Sub1)	8 mm	8 mm	7 mm

Proximity Sensor Triggering Distance Measurement Results – Right Edge (Main1 Ant)

DUT Moving Toward (Trigger) to the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	13	12	11	10	9	8	7	6	5	4
WCDMA II	24.79	24.67	24.65	24.81	24.84	14.15	14.24	14.28	14.34	14.15
WCDMA IV	24.51	24.32	24.41	24.27	24.38	13.61	13.73	13.51	13.51	13.54
WCDMA V	23.60	23.72	23.70	23.54	23.49	16.54	16.72	16.67	16.53	16.56
LTE Band 2 (Main1)	24.95	24.88	24.87	24.92	24.96	14.02	13.83	13.79	13.94	13.98
LTE Band 4 (Main1)	24.43	24.44	24.64	24.56	24.51	13.98	13.91	13.89	14.19	14.17
LTE Band 5	24.52	24.68	24.60	24.67	24.59	17.27	17.07	17.13	17.17	17.28
LTE Band 12	24.69	24.93	24.79	24.80	24.76	17.42	17.34	17.47	17.31	17.35
LTE Band 13	24.41	24.57	24.35	24.43	24.57	16.95	17.15	17.16	17.00	17.20
LTE Band 14	24.13	24.30	24.16	24.19	24.30	16.54	16.72	16.51	16.77	16.76
LTE Band 25	24.54	24.44	24.63	24.48	24.60	13.75	13.91	13.92	13.96	13.80
LTE Band 26	23.83	23.90	23.97	23.91	23.82	16.79	17.08	17.07	16.84	16.82
LTE Band 66 (Main1)	24.57	24.69	24.59	24.54	24.64	14.06	14.04	13.94	14.12	13.98
LTE Band 71	23.85	23.69	23.84	23.78	23.88	18.74	18.72	18.70	18.83	18.72
5G NR n2	24.56	24.29	24.33	24.52	24.44	14.24	14.25	14.33	14.32	14.32
5G NR n5	24.64	24.57	24.55	24.46	24.64	16.97	17.11	17.17	17.21	17.16
5G NR n12	24.64	24.82	24.92	24.76	24.88	17.24	17.08	17.00	17.08	17.08
5G NR n25	24.50	24.45	24.39	24.33	24.54	13.84	13.72	13.65	13.91	13.74
5G NR n66	24.59	24.37	24.34	24.36	24.42	13.70	13.64	13.79	13.80	13.74
5G NR n71	23.48	23.26	23.43	23.26	23.27	19.22	19.30	19.08	19.21	19.33

DUT Moving Away (Release) from the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	4	5	6	7	8	9	10	11	12	13
WCDMA II	14.23	14.33	14.30	14.30	14.26	24.60	24.77	24.60	24.61	24.79
WCDMA IV	13.70	13.62	13.66	13.60	13.54	24.24	24.29	24.41	24.38	24.26
WCDMA V	16.66	16.54	16.62	16.52	16.77	23.46	23.70	23.65	23.61	23.73
LTE Band 2 (Main1)	13.88	13.75	14.01	13.86	13.97	24.88	24.76	24.84	24.94	24.74
LTE Band 4 (Main1)	13.93	13.93	14.07	13.95	14.19	24.62	24.63	24.59	24.53	24.68
LTE Band 5	17.20	17.37	17.23	17.11	17.25	24.52	24.68	24.39	24.47	24.43
LTE Band 12	17.43	17.45	17.38	17.47	17.46	24.81	24.75	24.86	24.76	24.78
LTE Band 13	17.13	17.21	17.14	17.06	16.93	24.42	24.49	24.38	24.45	24.60
LTE Band 14	16.77	16.75	16.55	16.54	16.79	24.20	24.33	24.42	24.39	24.16
LTE Band 25	13.84	13.87	13.92	13.77	13.80	24.54	24.70	24.58	24.59	24.48
LTE Band 26	16.83	17.06	16.95	16.81	16.99	23.96	23.88	23.82	24.04	23.86
LTE Band 66 (Main1)	14.16	13.86	14.09	13.93	14.11	24.74	24.80	24.71	24.65	24.77
LTE Band 71	18.53	18.55	18.82	18.69	18.54	23.71	23.65	23.72	23.69	23.77
5G NR n2	14.22	14.38	14.19	14.21	14.21	24.37	24.30	24.29	24.34	24.34
5G NR n5	16.96	17.21	17.06	17.05	16.96	24.60	24.48	24.45	24.74	24.46
5G NR n12	17.11	17.27	17.21	17.14	17.24	24.76	24.69	24.94	24.90	24.67
5G NR n25	13.74	13.77	13.68	13.88	13.66	24.51	24.46	24.49	24.35	24.40
5G NR n66	13.79	13.73	13.64	13.73	13.81	24.40	24.40	24.38	24.52	24.53
5G NR n71	19.18	19.33	19.23	19.33	19.27	23.48	23.29	23.39	23.27	23.25

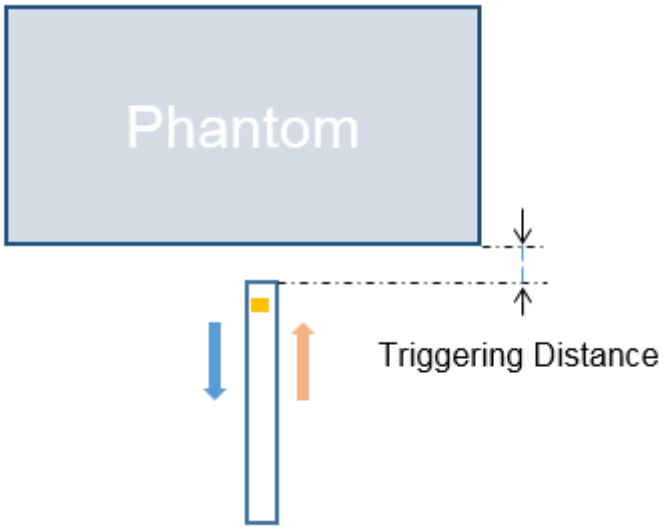
Proximity Sensor Triggering Distance Measurement Results – Right Edge (Sub1 Ant)

DUT Moving Toward (Trigger) to the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	13	12	11	10	9	8	7	6	5	4
LTE Band 2 (Sub1)	24.05	24.23	24.21	24.08	24.22	13.95	13.92	13.92	13.99	14.01
LTE Band 4 (Sub1)	24.78	24.67	24.82	24.63	24.85	14.05	13.78	13.91	13.87	13.84
LTE Band 7 (Sub1)	22.57	22.54	22.53	22.40	22.62	10.45	10.39	10.48	10.41	10.28
LTE Band 66 (Sub1)	24.42	24.38	24.47	24.65	24.49	14.34	14.28	14.29	14.34	14.23

DUT Moving Away (Release) from the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	4	5	6	7	8	9	10	11	12	13
LTE Band 2 (Sub1)	14.01	13.93	13.86	14.05	13.89	24.14	24.05	24.04	24.10	24.13
LTE Band 4 (Sub1)	13.80	14.00	13.77	14.01	14.00	24.57	24.59	24.64	24.78	24.73
LTE Band 7 (Sub1)	10.37	10.31	10.31	10.23	10.32	22.47	22.45	22.47	22.47	22.38
LTE Band 66 (Sub1)	14.29	14.20	14.35	14.36	14.41	24.56	24.50	24.59	24.41	24.65



LEGEND
Direction of DUT travel for determination of power reduction triggering point
Direction of DUT travel for determination of full power resumption triggering point

Resulting test positions for SAR mearsurementes

Tissue simulating liquid	Band	Trigger distance – Top		
		Moving toward phantom	Moving from phantom	Worst case distance for SAR
750 Head	LTE Band 12	20 mm	20 mm	19 mm
	LTE Band 13			
	LTE Band 14			
	LTE Band 71			
	5G NR n12			
	5G NR n71			
850 Head	WCDMA Band 5	20 mm	20 mm	19 mm
	LTE Band 5			
	LTE Band 26			
	5G NR n5			
1750 Head	WCDMA Band 4	20 mm	20 mm	19 mm
	LTE Band 4 (Main1)			
	LTE Band 66 (Main1)			
	5G NR n66			
1900 Head	WCDMA Band 2	20 mm	20 mm	19 mm
	LTE Band 2 (Main1)			
	LTE Band 25			
	5G NR n2			
	5G NR n25			

Tissue simulating liquid	Band	Trigger distance – Top		
		Moving toward phantom	Moving from phantom	Worst case distance for SAR
2300 Head	LTE Band 30	19 mm	19 mm	18 mm
	LTE Band 40	19 mm	19 mm	18 mm
	5G NR n30	19 mm	19 mm	18 mm
2600 Head	LTE Band 7 (Main2)	19 mm	19 mm	18 mm
	LTE Band 41 (PC3)	19 mm	19 mm	18 mm
	LTE Band 41 (PC2)	19 mm	19 mm	18 mm
	5G NR n41 (PC2)	19 mm	19 mm	18 mm
	5G NR n41 (PC3)	19 mm	19 mm	18 mm
3500 Head	LTE Band 48	19 mm	19 mm	18 mm
	5G NR n48	19 mm	19 mm	18 mm
3700 Head	5G NR n77 (PC2)	19 mm	19 mm	18 mm
	5G NR n77 (PC3)	19 mm	19 mm	18 mm
	5G NR n78 (PC3)	19 mm	19 mm	18 mm
2450 Head	WLAN Ant. 2	15 mm	15 mm	14 mm
5000 Head	WLAN Ant. 2	15 mm	15 mm	14 mm

Proximity Sensor Triggering Distance Measurement Results – Top (Main1 Ant)

DUT Moving Toward (Trigger) to the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	20	19	18	17	16	15	14	13	12	11
WCDMA II	24.71	24.82	24.80	24.59	24.62	14.14	14.18	14.14	14.29	14.37
WCDMA IV	24.49	24.42	24.52	24.38	24.47	13.48	13.65	13.53	13.49	13.69
WCDMA V	23.69	23.57	23.44	23.60	23.67	16.75	16.63	16.75	16.55	16.50
LTE Band 2 (Main1)	24.76	24.84	24.82	24.78	24.74	13.96	13.90	14.01	13.80	13.97
LTE Band 4 (Main1)	24.56	24.39	24.43	24.51	24.51	13.95	14.03	13.89	14.06	14.18
LTE Band 5	24.40	24.65	24.67	24.50	24.58	17.10	17.30	17.19	17.12	17.27
LTE Band 12	24.93	24.69	24.87	24.71	24.89	17.24	17.37	17.45	17.23	17.34
LTE Band 13	24.48	24.57	24.61	24.40	24.50	17.02	17.20	17.19	16.98	17.11
LTE Band 14	24.43	24.18	24.34	24.27	24.27	16.55	16.51	16.59	16.73	16.52
LTE Band 25	24.59	24.55	24.52	24.69	24.65	13.78	13.86	13.82	13.92	13.72
LTE Band 26	23.92	24.03	23.88	23.88	24.04	16.81	16.92	16.78	16.81	17.07
LTE Band 66 (Main1)	24.71	24.78	24.76	24.61	24.58	14.10	14.13	14.11	14.01	13.94
LTE Band 71	23.74	23.90	23.70	23.64	23.70	18.82	18.67	18.67	18.79	18.79
5G NR n2	24.43	24.49	24.43	24.55	24.45	14.14	14.23	14.41	14.17	14.13
5G NR n5	24.55	24.68	24.74	24.63	24.48	16.96	16.95	17.06	17.05	16.95
5G NR n12	24.94	24.91	24.93	24.82	24.70	17.16	17.20	17.24	17.05	17.29
5G NR n25	24.61	24.55	24.40	24.59	24.37	13.93	13.72	13.84	13.64	13.81
5G NR n66	24.56	24.54	24.43	24.43	24.33	13.58	13.62	13.69	13.74	13.76
5G NR n71	23.33	23.48	23.45	23.40	23.29	19.26	19.09	19.32	19.06	19.23

DUT Moving Away (Release) from the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	11	12	13	14	15	16	17	18	19	20
WCDMA II	14.14	14.14	14.16	14.26	14.12	24.74	24.62	24.71	24.71	24.83
WCDMA IV	13.69	13.74	13.60	13.53	13.62	24.46	24.32	24.37	24.27	24.27
WCDMA V	16.67	16.48	16.70	16.66	16.77	23.56	23.46	23.60	23.64	23.50
LTE Band 2 (Main1)	13.98	13.87	13.93	13.90	13.93	24.97	25.00	24.73	24.91	25.00
LTE Band 4 (Main1)	13.93	14.15	14.18	13.92	14.02	24.49	24.56	24.39	24.43	24.40
LTE Band 5	17.19	17.15	17.23	17.14	17.24	24.41	24.47	24.46	24.51	24.54
LTE Band 12	17.30	17.27	17.22	17.30	17.18	24.97	24.89	24.95	24.88	24.83
LTE Band 13	17.12	17.13	17.01	16.94	17.10	24.61	24.57	24.36	24.59	24.42
LTE Band 14	16.79	16.64	16.62	16.74	16.60	24.30	24.22	24.17	24.25	24.38
LTE Band 25	13.90	13.93	13.78	13.95	14.00	24.54	24.47	24.43	24.72	24.46
LTE Band 26	16.79	17.00	17.01	16.89	16.82	24.01	24.06	23.82	23.82	23.89
LTE Band 66 (Main1)	14.09	14.00	13.94	13.95	13.96	24.67	24.76	24.62	24.79	24.67
LTE Band 71	18.78	18.82	18.74	18.81	18.68	23.67	23.67	23.75	23.64	23.76
5G NR n2	14.40	14.18	14.33	14.35	14.13	24.43	24.46	24.48	24.34	24.53
5G NR n5	17.12	16.98	17.21	17.00	17.03	24.52	24.67	24.67	24.57	24.63
5G NR n12	17.15	17.27	17.19	17.11	17.19	24.84	24.64	24.91	24.94	24.64
5G NR n25	13.68	13.91	13.94	13.76	13.64	24.56	24.35	24.58	24.37	24.42
5G NR n66	13.65	13.57	13.58	13.68	13.51	24.48	24.33	24.40	24.33	24.46
5G NR n71	19.27	19.30	19.22	19.13	19.27	23.38	23.54	23.49	23.50	23.42

Proximity Sensor Triggering Distance Measurement Results – Top (Main2 Ant)

DUT Moving Toward (Trigger) to the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	20	19	18	17	16	15	14	13	12	11
LTE Band 7 (Main2)	22.98	22.70	22.87	22.85	22.85	9.92	10.19	10.10	9.95	10.10
LTE Band 30	22.48	22.38	22.49	22.38	22.46	13.51	13.70	13.65	13.68	13.50
LTE Band 40	22.54	22.54	22.43	22.39	22.51	13.82	13.76	13.66	13.80	13.95
LTE Band 41(PC3)	24.28	24.37	24.20	24.44	24.20	13.17	13.19	13.35	13.15	13.36
LTE Band 41(PC2)	26.19	26.05	26.25	26.18	26.24	12.90	12.99	12.74	12.79	12.84
LTE Band 48	22.21	22.15	22.34	22.32	22.36	12.84	12.82	12.69	12.92	12.84
5G NR n30	22.18	22.39	22.39	22.39	22.42	12.88	13.17	12.96	13.04	12.96
5G NR n41(PC2)	19.62	19.87	19.75	19.62	19.82	10.54	10.63	10.50	10.54	10.71
5G NR n41(PC3)	18.23	18.21	18.15	18.19	18.23	11.30	11.17	11.23	11.05	11.30
5G NR n48	16.85	16.69	16.65	16.62	16.74	7.75	7.63	7.82	7.65	7.88
5G NR n77(PC2)	21.23	21.23	21.32	21.44	21.51	11.31	11.23	11.23	11.24	11.27
5G NR n77(PC3)	17.93	17.97	17.98	17.79	17.87	11.09	11.13	11.36	11.16	11.13
5G NR n78(PC3)	17.98	17.98	17.82	17.96	18.05	8.23	8.28	8.07	8.34	8.15

DUT Moving Away (Release) from the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	11	12	13	14	15	16	17	18	19	20
LTE Band 7 (Main2)	10.11	10.14	10.17	10.08	10.04	23.00	22.84	22.84	22.89	22.72
LTE Band 30	13.64	13.69	13.74	13.53	13.47	22.44	22.66	22.55	22.48	22.58
LTE Band 40	13.77	13.73	13.77	13.72	13.84	22.34	22.45	22.44	22.61	22.54
LTE Band 41(PC3)	13.33	13.18	13.20	13.34	13.34	24.15	24.38	24.27	24.30	24.43
LTE Band 41(PC2)	12.90	12.80	12.81	13.00	12.86	26.29	26.23	26.27	26.17	26.08
LTE Band 48	12.69	12.71	12.76	12.76	12.71	22.23	22.17	22.10	22.34	22.33
5G NR n30	13.14	12.96	13.15	13.12	12.89	22.19	22.31	22.30	22.31	22.14
5G NR n41(PC2)	10.56	10.65	10.75	10.65	10.80	19.70	19.71	19.75	19.79	19.89
5G NR n41(PC3)	11.26	11.17	11.04	11.14	11.26	18.11	18.14	18.11	18.33	18.20
5G NR n48	7.68	7.64	7.65	7.78	7.68	16.69	16.69	16.59	16.86	16.60
5G NR n77(PC2)	11.45	11.29	11.35	11.46	11.47	21.41	21.38	21.31	21.40	21.41
5G NR n77(PC3)	11.28	11.13	11.26	11.25	11.11	17.97	18.07	17.93	17.81	17.82
5G NR n78(PC3)	8.24	8.33	8.18	8.21	8.21	17.85	18.00	17.86	17.92	17.85

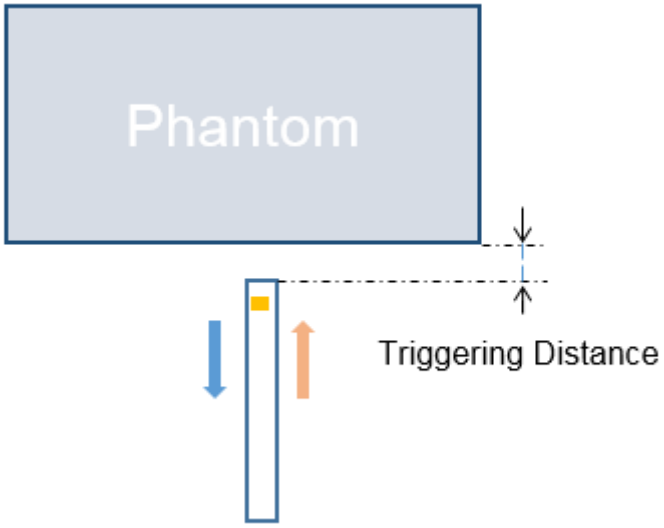
Proximity Sensor Triggering Distance Measurement Results – Top (WIFI Ant.2)

DUT Moving Toward (Trigger) to the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	18	17	16	15	14	13	12	11	10	9
2.4 GHz 802.11b	18.36	18.41	18.27	18.32	18.45	9.49	9.37	9.46	9.38	9.51
2.4 GHz 802.11g	17.28	17.30	17.07	17.07	17.04	8.80	8.89	8.93	8.93	8.92
2.4 GHz 802.11n	16.79	16.79	16.81	16.71	16.64	8.99	9.07	8.84	8.89	9.06
2.4 GHz 802.11ax SU	16.91	17.08	16.87	16.99	16.86	9.05	9.12	9.05	9.03	9.10
5 GHz 802.11a	15.61	15.61	15.64	15.77	15.51	5.94	5.98	5.94	6.03	5.95
5 GHz 802.11n 20MHz	14.72	14.63	14.63	14.68	14.67	5.20	5.48	5.30	5.25	5.20
5 GHz 802.11n 40MHz	12.81	12.59	12.83	12.80	12.81	4.52	4.57	4.63	4.60	4.56
5 GHz 802.11ac 20MHz	14.92	14.93	14.97	15.02	15.09	5.50	5.26	5.23	5.25	5.52
5 GHz 802.11ac 40MHz	12.83	12.69	12.85	12.59	12.66	5.06	4.80	5.03	4.81	4.85
5 GHz 802.11ac 80MHz	11.95	11.90	12.06	11.99	11.93	5.38	5.40	5.43	5.44	5.30
5 GHz 802.11ax SU(20M)	14.84	14.92	15.00	15.09	15.08	4.55	4.73	4.79	4.68	4.67
5 GHz 802.11ax SU(40M)	13.17	13.04	13.00	13.01	13.16	5.16	5.36	5.36	5.24	5.27
5 GHz 802.11ax SU(80M)	12.04	12.20	11.93	11.98	12.17	5.11	5.17	5.16	5.03	5.18

DUT Moving Away (Release) from the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	9	10	11	12	13	14	15	16	17	18
2.4 GHz 802.11b	9.40	9.44	9.44	9.50	9.42	18.23	18.46	18.24	18.49	18.32
2.4 GHz 802.11g	9.02	8.85	8.86	9.04	9.06	17.06	17.23	17.20	17.22	17.12
2.4 GHz 802.11n	9.09	8.98	8.82	8.85	9.08	16.86	16.73	16.61	16.79	16.67
2.4 GHz 802.11ax SU	9.24	9.14	9.07	9.18	8.97	16.96	16.79	17.01	16.95	16.92
5 GHz 802.11a	6.05	5.86	6.00	5.83	6.04	15.50	15.50	15.50	15.67	15.69
5 GHz 802.11n 20MHz	5.22	5.33	5.34	5.37	5.26	14.68	14.87	14.73	14.82	14.70
5 GHz 802.11n 40MHz	4.61	4.56	4.72	4.51	4.52	12.74	12.72	12.78	12.87	12.60
5 GHz 802.11ac 20MHz	5.26	5.24	5.30	5.45	5.36	14.93	14.99	15.02	15.05	15.07
5 GHz 802.11ac 40MHz	4.96	4.86	4.79	4.98	4.85	12.68	12.79	12.84	12.74	12.81
5 GHz 802.11ac 80MHz	5.49	5.35	5.40	5.35	5.51	12.00	12.06	11.92	12.01	11.82
5 GHz 802.11ax SU(20M)	4.75	4.65	4.68	4.53	4.62	15.02	15.05	15.14	15.13	15.05
5 GHz 802.11ax SU(40M)	5.16	5.40	5.20	5.18	5.40	12.93	12.93	13.09	13.03	12.87
5 GHz 802.11ax SU(80M)	5.03	5.25	5.30	5.32	5.22	11.98	12.14	12.05	11.93	12.02



LEGEND
Direction of DUT travel for determination of power reduction triggering point
Direction of DUT travel for determination of full power resumption triggering point

Resulting test positions for SAR mearsurementes

Tissue simulating liquid	Band	Trigger distance – Bottom		
		Moving toward phantom	Moving from phantom	Worst case distance for SAR
1750 Head	LTE Band 4 (Sub1)	16 mm	16 mm	15 mm
	LTE Band 66 (Sub1)	16 mm	16 mm	15 mm
1900 Head	LTE Band 2 (Sub1)	16 mm	16 mm	15 mm
2600 Head	LTE Band 7 (Sub1)	16 mm	16 mm	15 mm

Proximity Sensor Triggering Distance Measurement Results – Bottom (Sub1 Ant)

DUT Moving Toward (Trigger) to the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	21	20	19	18	17	16	15	14	13	12
LTE Band 2 (Sub1)	24.09	23.99	24.06	24.04	23.98	13.99	13.80	13.83	14.03	13.92
LTE Band 4 (Sub1)	24.69	24.64	24.74	24.67	24.68	13.85	13.84	13.99	13.90	13.85
LTE Band 7 (Sub1)	22.58	22.38	22.43	22.41	22.59	10.40	10.22	10.34	10.27	10.30
LTE Band 66 (Sub1)	24.39	24.36	24.56	24.36	24.47	14.30	14.41	14.35	14.36	14.33

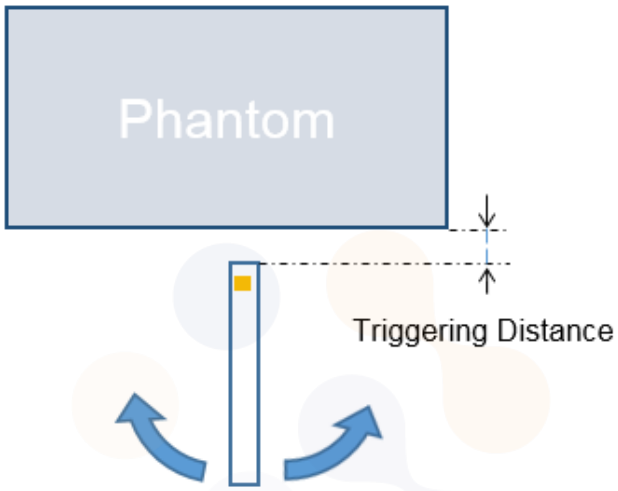
DUT Moving Away (Release) from the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	12	13	14	15	16	17	18	19	20	21
LTE Band 2 (Sub1)	13.99	13.91	14.09	14.07	13.80	23.97	23.96	23.93	24.21	23.94
LTE Band 4 (Sub1)	13.77	14.02	13.79	13.85	13.77	24.64	24.82	24.64	24.67	24.67
LTE Band 7 (Sub1)	10.43	10.29	10.22	10.29	10.38	22.49	22.45	22.61	22.51	22.46
LTE Band 66 (Sub1)	14.43	14.35	14.30	14.18	14.38	24.36	24.47	24.38	24.44	24.63

Proximity Sensor Tilt Angle Assessment (KDB 616217 §6.4)

The DUT was positioned directly below the flat phantom at the minimum measured trigger distance with Bottom parallel to the base of the flat phantom for each band.

The EUT was rotated about Bottom for angles up to +/- 45°. If the output power increased during the rotation the DUT was moved 1mm toward the phantom and the rotation repeated.
This procedure was repeated until the power remained reduced for all angles up to +/- 45°.



Proximity sensor tilt angle assessment KDB 616217 §6.4

Summary of Tilt Angle Influence to Proximity Sensor Triggering (Top)

Band [MHz]	Minimum trigger distance measured according to KDB 616217 §6.2	Minimum distance at which power reduction was maintained over +/-45°	Power reduction status										
			-45°	-40°	-30°	-20°	-10°	0°	10°	20°	30°	40°	45°
750	15 mm	15 mm	On	On	On	On	On	On	On	On	On	On	On
850	15 mm	15 mm	On	On	On	On	On	On	On	On	On	On	On
1750	15 mm	15 mm	On	On	On	On	On	On	On	On	On	On	On
1900	15 mm	15 mm	On	On	On	On	On	On	On	On	On	On	On
2300	15 mm	15 mm	On	On	On	On	On	On	On	On	On	On	On
2600	15 mm	15 mm	On	On	On	On	On	On	On	On	On	On	On
3500	15 mm	15 mm	On	On	On	On	On	On	On	On	On	On	On
3700	15 mm	15 mm	On	On	On	On	On	On	On	On	On	On	On
2450 (Ant.2)	13 mm	13 mm	On	On	On	On	On	On	On	On	On	On	On
5000 (Ant.2)	13 mm	13 mm	On	On	On	On	On	On	On	On	On	On	On

Summary of Tilt Angle Influence to Proximity Sensor Triggering (Left)

Band [MHz]	Minimum trigger distance measured according to KDB 616217 §6.2	Minimum distance at which power reduction was maintained over +/-45°	Power reduction status										
			-45°	-40°	-30°	-20°	-10°	0°	10°	20°	30°	40°	45°
2450 (Ant.1)	10 mm	10 mm	On	On	On	On	On	On	On	On	On	On	On
5000 (Ant.1)	10 mm	10 mm	On	On	On	On	On	On	On	On	On	On	On

Summary of Tilt Angle Influence to Proximity Sensor Triggering (Right)

Band [MHz]	Minimum trigger distance measured according to KDB 616217 §6.2	Minimum distance at which power reduction was maintained over +/-45°	Power reduction status										
			-45°	-40°	-30°	-20°	-10°	0°	10°	20°	30°	40°	45°
750	8 mm	8 mm	On	On	On	On	On	On	On	On	On	On	On
850	8 mm	8 mm	On	On	On	On	On	On	On	On	On	On	On
1750 (Main1)	8 mm	8 mm	On	On	On	On	On	On	On	On	On	On	On
1750 (Sub1)	8 mm	8 mm	On	On	On	On	On	On	On	On	On	On	On
1900 (Main1)	8 mm	8 mm	On	On	On	On	On	On	On	On	On	On	On
1900 (Sub1)	8 mm	8 mm	On	On	On	On	On	On	On	On	On	On	On
2600 (Sub1)	8 mm	8 mm	On	On	On	On	On	On	On	On	On	On	On

Summary of Tilt Angle Influence to Proximity Sensor Triggering (Bottom)

Band [MHz]	Minimum trigger distance measured according to KDB 616217 §6.2	Minimum distance at which power reduction was maintained over +/-45°	Power reduction status										
			-45°	-40°	-30°	-20°	-10°	0°	10°	20°	30°	40°	45°
1750 (Sub1)	16 mm	16 mm	On	On	On	On	On	On	On	On	On	On	On
1900 (Sub1)	16 mm	16 mm	On	On	On	On	On	On	On	On	On	On	On
2600 (Sub1)	16 mm	16 mm	On	On	On	On	On	On	On	On	On	On	On