

	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 5	5M	24.04	24.10	25.0 0
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 5	5M	24.07	24.14	25.0 0
CA_7A-7A	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 7	5M	23.94	24.05	25.0 0
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 7	5M	24.11	24.09	25.0 0
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 7	5M	23.94	24.00	25.0 0
CA_28A- 28A	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 28	20M	24.02	24.05	25.0 0
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 28	20M	24.03	24.11	25.0 0
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 28	20M	24.03	24.00	25.0 0
CA_41A- 41A	Ban d 41	20M	2506	39750	QPS K	1	0	Ban d 41	5M	20.89	20.89	21.8 0
	Ban d 41	20M	2549. 5	40185	QPS K	1	0	Ban d 41	5M	20.94	20.96	21.8 0
	Ban d 41	20M	2593	40620	QPS K	1	0	Ban d 41	5M	20.68	20.83	21.8 0
	Ban d 41	20M	2636. 5	41055	QPS K	1	0	Ban d 41	5M	20.80	20.85	21.8 0
	Ban d 41	20M	2680	41490	QPS K	1	0	Ban d 41	5M	20.91	20.98	21.8 0
CA_66A- 66A	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 66	5M	24.10	24.20	25.0 0
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 66	5M	24.11	24.19	25.0 0
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 66	5M	23.97	24.09	25.0 0
CA_2A-4A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 4	20M	22.76	22.90	23.8 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 4	20M	22.94	22.96	23.8 0
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 4	20M	22.84	22.96	23.8 0
	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 2	20M	24.04	24.17	25.0 0
	Ban d 4	20M	1732. 5	20175	QPS K	1	0	Ban d 2	20M	23.99	24.02	25.0 0
	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 2	20M	23.91	24.00	25.0 0
CA_2A-5A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 5	10M	22.82	22.80	23.8 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 5	10M	22.93	22.91	23.8 0
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 5	10M	22.96	22.99	23.8 0
	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 2	20M	23.96	24.04	25.0 0
	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 2	20M	24.12	24.18	25.0 0
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 2	20M	24.21	24.18	25.0 0
CA_2A-7A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 7	20M	22.70	22.81	23.8 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 7	20M	22.70	22.84	23.8 0
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 7	20M	22.70	22.85	23.8 0
	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 2	20M	23.99	24.01	25.0 0

	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 2	20M	24.00	24.00	25.0 0
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 2	20M	24.15	24.15	25.0 0
CA_2A-12A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 12	15M	22.73	22.83	23.8 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 12	15M	22.84	22.90	23.8 0
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 12	15M	22.83	22.97	23.8 0
	Ban d 12	10M	704	23060	QPS K	1	0	Ban d 2	20M	24.16	24.15	25.0 0
	Ban d 12	10M	707.5	23095	QPS K	1	0	Ban d 2	20M	24.15	24.14	25.0 0
	Ban d 12	10M	711	23130	QPS K	1	0	Ban d 2	20M	24.13	24.13	25.0 0
CA_2A-26A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 26	15M	22.69	22.80	23.8 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 26	15M	22.74	22.85	23.8 0
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 26	15M	22.84	22.92	23.8 0
	Ban d 26	15M	821.5	26765	QPS K	1	0	Ban d 2	20M	24.06	24.01	25.0 0
	Ban d 26	15M	831.5	26865	QPS K	1	0	Ban d 2	20M	24.01	24.09	25.0 0
	Ban d 26	15M	841.5	26965	QPS K	1	0	Ban d 2	20M	24.16	24.18	25.0 0
CA_2A-38A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 38	20M	22.81	22.81	23.8 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 38	20M	22.84	22.80	23.8 0
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 38	20M	22.89	23.00	23.8 0
	Ban d 38	20M	2580	37850	QPS K	1	0	Ban d 2	20M	24.01	24.14	25.0 0
	Ban d 38	20M	2595	38000	QPS K	1	0	Ban d 2	20M	24.10	24.10	25.0 0
	Ban d 38	20M	2610	38150	QPS K	1	0	Ban d 2	20M	24.13	24.08	25.0 0
CA_2A-66A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 66	20M	22.86	22.81	23.8 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 66	20M	22.88	22.99	23.8 0
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 66	20M	22.84	22.91	23.8 0
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 2	20M	24.13	24.20	25.0 0
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 2	20M	24.00	24.00	25.0 0
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 2	20M	24.22	24.20	25.0 0
CA_4A-5A	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 5	10M	23.96	24.00	25.0 0
	Ban d 4	20M	1732. 5	20175	QPS K	1	0	Ban d 5	10M	24.00	24.01	25.0 0
	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 5	10M	24.02	24.01	25.0 0
	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 4	20M	24.16	24.20	25.0 0
	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 4	20M	23.90	24.04	25.0 0
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 4	20M	24.13	24.18	25.0 0

CA_4A-7A	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 7	20M	23.85	24.00	25.00
	Ban d 4	20M	1732.5	20175	QPS K	1	0	Ban d 7	20M	24.16	24.11	25.00
	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 7	20M	24.07	24.09	25.00
	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 4	20M	23.92	24.06	25.00
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 4	20M	24.13	24.13	25.00
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 4	20M	23.88	24.03	25.00
CA_4A-12A	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 12	20M	24.02	24.08	25.00
	Ban d 4	20M	1732.5	20175	QPS K	1	0	Ban d 12	20M	24.02	24.11	25.00
	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 12	20M	24.16	24.14	25.00
	Ban d 12	10M	704	23060	QPS K	1	0	Ban d 4	20M	24.02	24.05	25.00
	Ban d 12	10M	707.5	23095	QPS K	1	0	Ban d 4	20M	24.01	24.13	25.00
	Ban d 12	10M	711	23130	QPS K	1	0	Ban d 4	20M	24.01	24.09	25.00
CA_4A-17A	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 17	20M	24.06	24.06	25.00
	Ban d 4	20M	1732.5	20175	QPS K	1	0	Ban d 17	20M	23.94	24.07	25.00
	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 17	20M	24.13	24.09	25.00
	Ban d 17	10M	709	23780	QPS K	1	0	Ban d 4	20M	23.90	24.00	25.00
	Ban d 17	10M	710	23790	QPS K	1	0	Ban d 4	20M	24.10	24.09	25.00
	Ban d 17	10M	711	23800	QPS K	1	0	Ban d 4	20M	23.91	24.00	25.00
CA_4A-28A	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 28	20M	23.97	24.10	25.00
	Ban d 4	20M	1732.5	20175	QPS K	1	0	Ban d 28	20M	24.08	24.19	25.00
	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 28	20M	24.03	24.02	25.00
	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 4	20M	23.95	24.08	25.00
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 4	20M	23.92	24.06	25.00
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 4	20M	24.04	24.12	25.00
CA_5A-7A	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 7	20M	24.06	24.11	25.00
	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 7	20M	24.07	24.02	25.00
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 7	20M	24.17	24.15	25.00
	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 5	10M	24.00	24.00	25.00
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 5	10M	23.92	24.03	25.00
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 5	10M	23.96	24.07	25.00
CA_5A-41A	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 41	20M	23.96	24.06	25.00
	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 41	20M	24.06	24.17	25.00

	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 41	20M	24.15	24.20	25.00
	Ban d 41	20M	2506	39750	QPS K	1	0	Ban d 5	10M	20.89	20.94	21.80
	Ban d 41	20M	2549.5	40185	QPS K	1	0	Ban d 5	10M	20.87	20.98	21.80
	Ban d 41	20M	2593	40620	QPS K	1	0	Ban d 5	10M	20.96	20.97	21.80
	Ban d 41	20M	2636.5	41055	QPS K	1	0	Ban d 5	10M	20.89	20.84	21.80
	Ban d 41	20M	2680	41490	QPS K	1	0	Ban d 5	10M	20.76	20.83	21.80
CA_5A-66A	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 66	20M	24.17	24.19	25.00
	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 66	20M	23.96	24.02	25.00
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 66	20M	24.10	24.05	25.00
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 5	10M	23.99	24.08	25.00
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 5	10M	24.07	24.06	25.00
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 5	10M	24.13	24.17	25.00
CA_7A-8A	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 8	10M	23.96	24.03	25.00
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 8	10M	24.11	24.14	25.00
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 8	10M	24.01	24.06	25.00
	Ban d 8	10M	885	21500	QPS K	1	0	Ban d 7	20M	23.98	24.01	25.00
	Ban d 8	10M	897.5	21625	QPS K	1	0	Ban d 7	20M	24.13	24.09	25.00
	Ban d 8	10M	910	21750	QPS K	1	0	Ban d 7	20M	24.08	24.06	25.00
CA_7A-26A	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 26	15M	24.21	24.20	25.00
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 26	15M	23.87	24.02	25.00
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 26	15M	24.08	24.05	25.00
	Ban d 26	15M	821.5	26765	QPS K	1	0	Ban d 7	20M	24.00	24.13	25.00
	Ban d 26	15M	831.5	26865	QPS K	1	0	Ban d 7	20M	24.07	24.20	25.00
	Ban d 26	15M	841.5	26965	QPS K	1	0	Ban d 7	20M	23.98	24.11	25.00
CA_7A-28A	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 28	20M	24.08	24.04	25.00
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 28	20M	24.13	24.09	25.00
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 28	20M	24.18	24.19	25.00
	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 7	20M	23.96	24.05	25.00
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 7	20M	24.12	24.14	25.00
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 7	20M	24.07	24.09	25.00
CA_7A-66A	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 66	20M	24.03	24.00	25.00
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 66	20M	23.92	24.06	25.00

	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 66	20M	23.88	24.01	25.0 0
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 7	20M	23.98	24.07	25.0 0
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 7	20M	23.96	24.11	25.0 0
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 7	20M	24.02	24.06	25.0 0
CA_12A- 66A	Ban d 12	10M	704	23060	QPS K	1	0	Ban d 66	20M	24.13	24.11	25.0 0
	Ban d 12	10M	707.5	23095	QPS K	1	0	Ban d 66	20M	24.04	24.02	25.0 0
	Ban d 12	10M	711	23130	QPS K	1	0	Ban d 66	20M	23.98	24.09	25.0 0
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 12	10M	24.14	24.14	25.0 0
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 12	10M	23.98	24.05	25.0 0
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 12	10M	23.96	24.08	25.0 0
CA_28A- 38A	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 38	20M	24.10	24.06	25.0 0
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 38	20M	24.08	24.17	25.0 0
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 38	20M	24.02	24.06	25.0 0
	Ban d 38	20M	2580	37850	QPS K	1	0	Ban d 28	20M	24.01	24.16	25.0 0
	Ban d 38	20M	2595	38000	QPS K	1	0	Ban d 28	20M	23.94	24.09	25.0 0
	Ban d 38	20M	2610	38150	QPS K	1	0	Ban d 28	20M	24.13	24.11	25.0 0
CA_28A- 41A	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 41	20M	23.99	24.07	25.0 0
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 41	20M	24.23	24.18	25.0 0
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 41	20M	24.07	24.06	25.0 0
	Ban d 41	20M	2506	39750	QPS K	1	0	Ban d 28	20M	20.89	20.97	21.8 0
	Ban d 41	20M	2549. 5	40185	QPS K	1	0	Ban d 28	20M	20.85	20.84	21.8 0
	Ban d 41	20M	2593	40620	QPS K	1	0	Ban d 28	20M	20.81	20.96	21.8 0
	Ban d 41	20M	2636. 5	41055	QPS K	1	0	Ban d 28	20M	20.94	20.99	21.8 0
	Ban d 41	20M	2680	41490	QPS K	1	0	Ban d 28	20M	20.77	20.91	21.8 0
CA_28A- 66A	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 66	20M	24.08	24.12	25.0 0
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 66	20M	24.04	24.04	25.0 0
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 66	20M	24.12	24.13	25.0 0
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 28	20M	24.19	24.15	25.0 0
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 28	20M	24.02	24.17	25.0 0
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 28	20M	24.05	24.16	25.0 0
CA_38A- 66A	Ban d 38	20M	2580	37850	QPS K	1	0	Ban d 66	20M	24.07	24.05	25.0 0
	Ban d 38	20M	2595	38000	QPS K	1	0	Ban d 66	20M	24.21	24.19	25.0 0

	Ban d 38	20M	2610	38150	QPS K	1	0	Ban d 66	20M	24.13	24.15	25.0 0
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 38	20M	24.02	24.13	25.0 0
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 38	20M	24.09	24.04	25.0 0
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 38	20M	24.09	24.18	25.0 0

DL LTE CA Class State3	PCC							SCC1		Power		
	LTE Ban d	BW (MHz)	UL Freq. (MHz)	UL Channe l	Mod.	UL # RB	UL RB Offse t	LTE Ban d	BW (MHz)	With CA Tx.Powe r (dBm)	W/O CA Tx.Powe r (dBm)	Tune up
CA_2C	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 2	20M	20.20	20.34	21.3 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 2	20M	20.30	20.30	21.3 0
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 2	20M	20.32	20.37	21.3 0
CA_5B	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 5	10M	23.46	23.59	24.5 0
	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 5	10M	23.58	23.70	24.5 0
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 5	10M	23.53	23.60	24.5 0
CA_7C	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 7	20M	19.86	20.00	21.0 0
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 7	20M	19.95	20.01	21.0 0
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 7	20M	20.18	20.17	21.0 0
CA_28C	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 28	20M	24.19	24.20	25.0 0
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 28	20M	24.10	24.06	25.0 0
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 28	20M	24.07	24.06	25.0 0
CA_38C	Ban d 38	20M	2580	37850	QPS K	1	0	Ban d 38	20M	22.98	23.03	24.0 0
	Ban d 38	20M	2585. 1	37901	QPS K	1	0	Ban d 38	20M	22.96	23.10	24.0 0
	Ban d 38	20M	2610	38150	QPS K	1	0	Ban d 38	20M	23.13	23.09	24.0 0
CA_41C	Ban d 41	20M	2506	39750	QPS K	1	0	Ban d 41	20M	-1.12	-0.97	
	Ban d 41	20M	2549. 5	40185	QPS K	1	0	Ban d 41	20M	-1.10	-0.95	
	Ban d 41	20M	2593	40620	QPS K	1	0	Ban d 41	20M	-1.02	-0.96	
	Ban d 41	20M	2636. 5	41055	QPS K	1	0	Ban d 41	20M	-0.91	-0.93	
	Ban d 41	20M	2680	41490	QPS K	1	0	Ban d 41	20M	-0.88	-0.86	
CA_66C	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 66	20M	19.15	19.12	20.0 0
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 66	20M	19.02	19.09	20.0 0
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 66	20M	18.99	19.11	20.0 0
CA_4A-4A	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 4	5M	19.03	19.06	20.0 0
	Ban d 4	20M	1732. 5	20175	QPS K	1	0	Ban d 4	5M	19.00	19.05	20.0 0

	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 4	5M	19.01	19.07	20.0 0
CA_5A-5A	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 5	5M	23.51	23.54	24.5 0
	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 5	5M	23.74	23.69	24.5 0
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 5	5M	23.59	23.63	24.5 0
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 5	5M	23.59	23.63	24.5 0
CA_7A-7A	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 7	5M	20.13	20.11	21.0 0
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 7	5M	20.07	20.15	21.0 0
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 7	5M	19.99	20.03	21.0 0
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 7	5M	19.99	20.03	21.0 0
CA_28A-28A	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 28	20M	24.07	24.06	25.0 0
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 28	20M	24.00	24.06	25.0 0
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 28	20M	23.97	24.05	25.0 0
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 28	20M	23.97	24.05	25.0 0
CA_41A-41A	Ban d 41	20M	2506	39750	QPS K	1	0	Ban d 41	5M	-1.01	-0.86	
	Ban d 41	20M	2549.5	40185	QPS K	1	0	Ban d 41	5M	-1.08	-0.96	
	Ban d 41	20M	2593	40620	QPS K	1	0	Ban d 41	5M	-0.98	-0.84	
	Ban d 41	20M	2636.5	41055	QPS K	1	0	Ban d 41	5M	-0.96	-0.98	
	Ban d 41	20M	2680	41490	QPS K	1	0	Ban d 41	5M	-1.04	-1.00	
CA_66A-66A	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 66	5M	19.13	19.20	20.0 0
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 66	5M	18.86	19.01	20.0 0
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 66	5M	18.88	19.01	20.0 0
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 66	5M	18.88	19.01	20.0 0
CA_2A-4A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 4	20M	20.41	20.37	21.3 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 4	20M	20.19	20.31	21.3 0
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 4	20M	20.41	20.47	21.3 0
	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 2	20M	19.11	19.19	20.0 0
	Ban d 4	20M	1732.5	20175	QPS K	1	0	Ban d 2	20M	18.91	19.00	20.0 0
	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 2	20M	19.12	19.17	20.0 0
CA_2A-5A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 5	10M	20.37	20.42	21.3 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 5	10M	20.24	20.30	21.3 0
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 5	10M	20.40	20.44	21.3 0
	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 2	20M	23.62	23.64	24.5 0
	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 2	20M	23.38	23.50	24.5 0
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 2	20M	23.61	23.69	24.5 0
CA_2A-7A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 7	20M	20.23	20.35	21.3 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 7	20M	20.34	20.46	21.3 0

	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 7	20M	20.42	20.50	21.3 0
	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 2	20M	20.07	20.14	21.0 0
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 2	20M	20.08	20.03	21.0 0
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 2	20M	20.18	20.15	21.0 0
CA_2A-12A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 12	15M	20.48	20.45	21.3 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 12	15M	20.51	20.47	21.3 0
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 12	15M	20.29	20.42	21.3 0
	Ban d 12	10M	704	23060	QPS K	1	0	Ban d 2	20M	23.92	24.00	25.0 0
	Ban d 12	10M	707.5	23095	QPS K	1	0	Ban d 2	20M	24.10	24.18	25.0 0
	Ban d 12	10M	711	23130	QPS K	1	0	Ban d 2	20M	23.96	24.08	25.0 0
CA_2A-26A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 26	15M	20.45	20.49	21.3 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 26	15M	20.31	20.30	21.3 0
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 26	15M	20.28	20.30	21.3 0
	Ban d 26	15M	821.5	26765	QPS K	1	0	Ban d 2	20M	23.41	23.50	24.5 0
	Ban d 26	15M	831.5	26865	QPS K	1	0	Ban d 2	20M	23.59	23.57	24.5 0
	Ban d 26	15M	841.5	26965	QPS K	1	0	Ban d 2	20M	23.61	23.68	24.5 0
CA_2A-38A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 38	20M	20.42	20.41	21.3 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 38	20M	20.32	20.32	21.3 0
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 38	20M	20.25	20.36	21.3 0
	Ban d 38	20M	2580	37850	QPS K	1	0	Ban d 2	20M	23.07	23.07	24.0 0
	Ban d 38	20M	2595	38000	QPS K	1	0	Ban d 2	20M	23.23	23.19	24.0 0
	Ban d 38	20M	2610	38150	QPS K	1	0	Ban d 2	20M	22.87	23.00	24.0 0
CA_2A-66A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 66	20M	20.46	20.45	21.3 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 66	20M	20.43	20.49	21.3 0
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 66	20M	20.37	20.45	21.3 0
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 2	20M	19.05	19.18	20.0 0
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 2	20M	18.99	19.00	20.0 0
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 2	20M	19.16	19.18	20.0 0
CA_4A-5A	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 5	10M	18.96	19.09	20.0 0
	Ban d 4	20M	1732. 5	20175	QPS K	1	0	Ban d 5	10M	19.06	19.16	20.0 0
	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 5	10M	18.95	19.05	20.0 0
	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 4	20M	23.65	23.60	24.5 0

	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 4	20M	23.59	23.55	24.5 0
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 4	20M	23.61	23.66	24.5 0
CA_4A-7A	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 7	20M	19.16	19.14	20.0 0
	Ban d 4	20M	1732. 5	20175	QPS K	1	0	Ban d 7	20M	18.99	19.13	20.0 0
	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 7	20M	18.91	19.03	20.0 0
	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 4	20M	20.09	20.13	21.0 0
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 4	20M	19.96	20.02	21.0 0
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 4	20M	19.96	20.00	21.0 0
CA_4A-12A	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 12	20M	19.15	19.10	20.0 0
	Ban d 4	20M	1732. 5	20175	QPS K	1	0	Ban d 12	20M	19.09	19.12	20.0 0
	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 12	20M	19.15	19.20	20.0 0
	Ban d 12	10M	704	23060	QPS K	1	0	Ban d 4	20M	24.07	24.16	25.0 0
	Ban d 12	10M	707.5	23095	QPS K	1	0	Ban d 4	20M	24.08	24.07	25.0 0
	Ban d 12	10M	711	23130	QPS K	1	0	Ban d 4	20M	23.99	24.01	25.0 0
CA_4A-17A	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 17	20M	18.99	19.12	20.0 0
	Ban d 4	20M	1732. 5	20175	QPS K	1	0	Ban d 17	20M	19.10	19.11	20.0 0
	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 17	20M	19.09	19.20	20.0 0
	Ban d 17	10M	709	23780	QPS K	1	0	Ban d 4	20M	23.93	24.02	25.0 0
	Ban d 17	10M	710	23790	QPS K	1	0	Ban d 4	20M	24.21	24.20	25.0 0
	Ban d 17	10M	711	23800	QPS K	1	0	Ban d 4	20M	23.99	24.09	25.0 0
CA_4A-28A	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 28	20M	19.06	19.18	20.0 0
	Ban d 4	20M	1732. 5	20175	QPS K	1	0	Ban d 28	20M	19.08	19.18	20.0 0
	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 28	20M	19.03	19.01	20.0 0
	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 4	20M	24.24	24.20	25.0 0
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 4	20M	24.14	24.19	25.0 0
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 4	20M	23.93	24.07	25.0 0
CA_5A-7A	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 7	20M	23.59	23.64	24.5 0
	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 7	20M	23.56	23.62	24.5 0
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 7	20M	23.60	23.59	24.5 0
	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 5	10M	19.88	20.03	21.0 0
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 5	10M	20.18	20.18	21.0 0
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 5	10M	19.98	20.11	21.0 0

CA_5A-41A	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 41	20M	23.59	23.54	24.50
	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 41	20M	23.42	23.50	24.50
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 41	20M	23.52	23.54	24.50
	Ban d 41	20M	2506	39750	QPS K	1	0	Ban d 5	10M	-0.96	-0.93	
	Ban d 41	20M	2549.5	40185	QPS K	1	0	Ban d 5	10M	-0.91	-0.96	
	Ban d 41	20M	2593	40620	QPS K	1	0	Ban d 5	10M	-1.03	-0.94	
	Ban d 41	20M	2636.5	41055	QPS K	1	0	Ban d 5	10M	-0.85	-0.87	
	Ban d 41	20M	2680	41490	QPS K	1	0	Ban d 5	10M	-1.00	-1.00	
CA_5A-66A	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 66	20M	23.45	23.60	24.50
	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 66	20M	23.61	23.62	24.50
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 66	20M	23.62	23.59	24.50
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 5	10M	19.05	19.02	20.00
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 5	10M	19.20	19.17	20.00
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 5	10M	18.94	19.07	20.00
CA_7A-8A	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 8	10M	20.07	20.12	21.00
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 8	10M	20.10	20.08	21.00
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 8	10M	20.13	20.09	21.00
	Ban d 8	10M	885	21500	QPS K	1	0	Ban d 7	20M	23.18	23.19	24.00
	Ban d 8	10M	897.5	21625	QPS K	1	0	Ban d 7	20M	22.94	23.00	24.00
	Ban d 8	10M	910	21750	QPS K	1	0	Ban d 7	20M	23.04	23.12	24.00
CA_7A-26A	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 26	15M	20.07	20.07	21.00
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 26	15M	19.98	20.04	21.00
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 26	15M	19.95	20.10	21.00
	Ban d 26	15M	821.5	26765	QPS K	1	0	Ban d 7	20M	23.63	23.62	24.50
	Ban d 26	15M	831.5	26865	QPS K	1	0	Ban d 7	20M	23.37	23.50	24.50
	Ban d 26	15M	841.5	26965	QPS K	1	0	Ban d 7	20M	23.61	23.63	24.50
CA_7A-28A	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 28	20M	19.96	20.01	21.00
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 28	20M	20.01	20.10	21.00
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 28	20M	20.07	20.20	21.00
	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 7	20M	23.98	24.13	25.00
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 7	20M	24.04	24.01	25.00
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 7	20M	24.08	24.18	25.00

CA_7A-66A	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 66	20M	20.11	20.10	21.00
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 66	20M	20.04	20.12	21.00
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 66	20M	20.11	20.11	21.00
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 7	20M	19.00	19.15	20.00
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 7	20M	18.88	19.00	20.00
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 7	20M	18.93	19.08	20.00
CA_12A-66A	Ban d 12	10M	704	23060	QPS K	1	0	Ban d 66	20M	24.14	24.09	25.00
	Ban d 12	10M	707.5	23095	QPS K	1	0	Ban d 66	20M	24.05	24.12	25.00
	Ban d 12	10M	711	23130	QPS K	1	0	Ban d 66	20M	24.15	24.19	25.00
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 12	10M	19.15	19.12	20.00
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 12	10M	19.12	19.12	20.00
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 12	10M	19.21	19.17	20.00
CA_28A-38A	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 38	20M	24.10	24.09	25.00
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 38	20M	24.08	24.08	25.00
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 38	20M	23.92	24.05	25.00
	Ban d 38	20M	2580	37850	QPS K	1	0	Ban d 28	20M	23.04	23.14	24.00
	Ban d 38	20M	2595	38000	QPS K	1	0	Ban d 28	20M	23.06	23.05	24.00
	Ban d 38	20M	2610	38150	QPS K	1	0	Ban d 28	20M	22.93	23.01	24.00
CA_28A-41A	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 41	20M	23.95	24.01	25.00
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 41	20M	23.98	24.11	25.00
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 41	20M	24.02	24.15	25.00
	Ban d 41	20M	2506	39750	QPS K	1	0	Ban d 28	20M	-0.93	-0.90	
	Ban d 41	20M	2549.5	40185	QPS K	1	0	Ban d 28	20M	-1.09	-0.94	
	Ban d 41	20M	2593	40620	QPS K	1	0	Ban d 28	20M	-1.09	-0.94	
	Ban d 41	20M	2636.5	41055	QPS K	1	0	Ban d 28	20M	-0.88	-0.92	
	Ban d 41	20M	2680	41490	QPS K	1	0	Ban d 28	20M	-1.00	-0.89	
CA_28A-66A	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 66	20M	24.08	24.11	25.00
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 66	20M	23.96	24.03	25.00
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 66	20M	23.98	24.11	25.00
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 28	20M	19.07	19.02	20.00
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 28	20M	19.07	19.15	20.00
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 28	20M	19.11	19.14	20.00

CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	23.13	23.12	24.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	23.02	23.00	24.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	23.09	23.18	24.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	19.02	19.12	20.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	19.11	19.18	20.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	18.96	19.09	20.00

5.2 Conducted Power of LTE Downlink CA (Ant1)

DL LTE CA Class State1	PCC							SCC1		Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	Tune up
CA_2C	Band 2	20M	1860	18700	QPSK	1	0	Band 2	20M	21.22	21.32	22.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	20M	21.20	21.34	22.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	20M	21.26	21.33	22.30
CA_5B	Band 5	10M	829	20450	QPSK	1	0	Band 5	10M	23.91	24.05	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	10M	24.06	24.13	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 5	10M	23.99	24.09	25.00
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	18.44	18.54	19.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	18.46	18.55	19.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	18.42	18.50	19.50
CA_28C	Band 28	20M	713	20310	QPSK	1	0	Band 28	20M	23.90	24.01	25.00
	Band 28	20M	728	20460	QPSK	1	0	Band 28	20M	23.98	24.07	25.00
	Band 28	20M	738	20560	QPSK	1	0	Band 28	20M	24.04	24.15	25.00
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	23.43	23.56	24.50
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	23.46	23.52	24.50
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	23.60	23.66	24.50
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	21.29	21.36	22.30
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	21.34	21.43	22.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	21.27	21.38	22.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	21.31	21.41	22.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	21.37	21.45	22.30
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	21.00	21.09	22.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	21.09	21.15	22.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	20.90	21.00	22.00
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	20.87	21.00	22.00

	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	21.13	21.19	22.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	20.90	21.05	22.00
CA_5A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	23.89	24.00	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	23.90	24.03	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	24.01	24.14	25.00
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	18.41	18.54	19.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	18.59	18.68	19.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	18.63	18.69	19.50
CA_28A-28A	Band 28	20M	713	20310	QPSK	1	0	Band 28	20M	24.05	24.15	25.00
	Band 28	20M	728	20460	QPSK	1	0	Band 28	20M	24.05	24.15	25.00
	Band 28	20M	738	20560	QPSK	1	0	Band 28	20M	23.94	24.04	25.00
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	21.31	21.46	22.30
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	21.29	21.42	22.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	21.28	21.34	22.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	21.22	21.33	22.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	21.37	21.43	22.30
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	21.06	21.20	22.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	21.06	21.20	22.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	21.03	21.18	22.00
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	21.27	21.40	22.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	21.36	21.41	22.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	21.33	21.44	22.30
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	20.95	21.03	22.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	20.91	21.06	22.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	20.99	21.06	22.00
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	21.20	21.31	22.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	21.36	21.49	22.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	21.27	21.41	22.30
	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	23.94	24.09	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	24.13	24.18	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	24.00	24.07	25.00
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	21.32	21.38	22.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	21.26	21.33	22.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	21.25	21.30	22.30
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	18.51	18.57	19.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	18.42	18.51	19.50

	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	18.44	18.56	19.50
CA_2A-12A	Band 2	20M	1860	18700	QPSK	1	0	Band 12	15M	21.20	21.33	22.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 12	15M	21.29	21.36	22.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 12	15M	21.40	21.50	22.30
	Band 12	10M	704	23060	QPSK	1	0	Band 2	20M	24.05	24.13	25.00
	Band 12	10M	707.5	23095	QPSK	1	0	Band 2	20M	24.00	24.07	25.00
	Band 12	10M	711	23130	QPSK	1	0	Band 2	20M	24.01	24.09	25.00
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	21.31	21.46	22.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	21.23	21.32	22.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	21.34	21.43	22.30
	Band 26	15M	821.5	26765	QPSK	1	0	Band 2	20M	23.93	24.03	25.00
	Band 26	15M	831.5	26865	QPSK	1	0	Band 2	20M	24.07	24.19	25.00
	Band 26	15M	841.5	26965	QPSK	1	0	Band 2	20M	23.94	24.06	25.00
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	21.33	21.45	22.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	21.29	21.42	22.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	21.31	21.41	22.30
	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	23.53	23.60	24.50
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	23.53	23.66	24.50
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	23.46	23.61	24.50
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	21.31	21.45	22.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	21.38	21.43	22.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	21.28	21.35	22.30
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	20.99	21.08	22.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	21.10	21.19	22.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	20.92	21.02	22.00
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	21.09	21.17	22.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	21.08	21.20	22.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	20.90	21.02	22.00
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	24.02	24.11	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	24.01	24.10	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	24.03	24.14	25.00
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	20.98	21.12	22.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	21.06	21.17	22.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	21.07	21.13	22.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	18.39	18.51	19.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	18.40	18.52	19.50

	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	18.51	18.61	19.50
CA_4A-12A	Band 4	20M	1720	20050	QPSK	1	0	Band 12	20M	20.95	21.01	22.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	20M	20.94	21.08	22.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 12	20M	20.93	21.01	22.00
	Band 12	10M	704	23060	QPSK	1	0	Band 4	20M	23.98	24.10	25.00
	Band 12	10M	707.5	23095	QPSK	1	0	Band 4	20M	24.05	24.17	25.00
	Band 12	10M	711	23130	QPSK	1	0	Band 4	20M	23.98	24.09	25.00
CA_4A-17A	Band 4	20M	1720	20050	QPSK	1	0	Band 17	20M	21.08	21.19	22.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 17	20M	20.96	21.09	22.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 17	20M	20.94	21.04	22.00
	Band 17	10M	709	23780	QPSK	1	0	Band 4	20M	24.08	24.17	25.00
	Band 17	10M	710	23790	QPSK	1	0	Band 4	20M	23.92	24.00	25.00
	Band 17	10M	711	23800	QPSK	1	0	Band 4	20M	24.10	24.19	25.00
CA_4A-28A	Band 4	20M	1720	20050	QPSK	1	0	Band 28	20M	21.10	21.16	22.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 28	20M	21.07	21.16	22.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 28	20M	20.94	21.04	22.00
	Band 28	20M	713	20310	QPSK	1	0	Band 4	20M	23.97	24.11	25.00
	Band 28	20M	728	20460	QPSK	1	0	Band 4	20M	24.02	24.11	25.00
	Band 28	20M	738	20560	QPSK	1	0	Band 4	20M	23.95	24.03	25.00
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	23.92	24.04	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	24.02	24.07	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	24.01	24.14	25.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	18.56	18.63	19.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	18.57	18.68	19.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	18.53	18.63	19.50
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	23.97	24.07	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	24.10	24.19	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	23.97	24.07	25.00
	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	21.31	21.46	22.30
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	21.30	21.40	22.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	21.24	21.34	22.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	21.30	21.44	22.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	21.30	21.37	22.30
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	23.91	24.06	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	24.00	24.06	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	24.00	24.06	25.00

	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	21.05	21.11	22.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	21.09	21.18	22.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	20.94	21.06	22.00
CA_7A-8A	Band 7	20M	2510	20850	QPSK	1	0	Band 8	10M	18.50	18.60	19.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 8	10M	18.49	18.57	19.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 8	10M	18.48	18.63	19.50
	Band 8	10M	885	21500	QPSK	1	0	Band 7	20M	24.00	24.05	25.00
	Band 8	10M	897.5	21625	QPSK	1	0	Band 7	20M	24.05	24.15	25.00
	Band 8	10M	910	21750	QPSK	1	0	Band 7	20M	24.11	24.19	25.00
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	18.46	18.51	19.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	18.51	18.60	19.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	18.54	18.67	19.50
	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	24.06	24.13	25.00
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	23.94	24.06	25.00
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	24.06	24.15	25.00
CA_7A-28A	Band 7	20M	2510	20850	QPSK	1	0	Band 28	20M	18.55	18.64	19.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 28	20M	18.53	18.64	19.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 28	20M	18.50	18.55	19.50
	Band 28	20M	713	20310	QPSK	1	0	Band 7	20M	24.03	24.08	25.00
	Band 28	20M	728	20460	QPSK	1	0	Band 7	20M	23.90	24.05	25.00
	Band 28	20M	738	20560	QPSK	1	0	Band 7	20M	23.91	24.01	25.00
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	18.64	18.70	19.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	18.40	18.50	19.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	18.39	18.53	19.50
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	20.91	21.04	22.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	21.06	21.13	22.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	20.93	21.04	22.00
CA_12A-66A	Band 12	10M	704	23060	QPSK	1	0	Band 66	20M	24.02	24.15	25.00
	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	23.98	24.09	25.00
	Band 12	10M	711	23130	QPSK	1	0	Band 66	20M	24.01	24.12	25.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 12	10M	20.95	21.06	22.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 12	10M	20.86	21.00	22.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 12	10M	21.01	21.13	22.00
CA_28A-38A	Band 28	20M	713	20310	QPSK	1	0	Band 38	20M	23.99	24.04	25.00
	Band 28	20M	728	20460	QPSK	1	0	Band 38	20M	24.15	24.20	25.00
	Band 28	20M	738	20560	QPSK	1	0	Band 38	20M	23.94	24.03	25.00

	Band 38	20M	2580	37850	QPSK	1	0	Band 28	20M	23.51	23.62	24.50
	Band 38	20M	2595	38000	QPSK	1	0	Band 28	20M	23.54	23.61	24.50
	Band 38	20M	2610	38150	QPSK	1	0	Band 28	20M	23.56	23.63	24.50
CA_28A-41A	Band 28	20M	713	20310	QPSK	1	0	Band 41	20M	24.03	24.14	25.00
	Band 28	20M	728	20460	QPSK	1	0	Band 41	20M	23.97	24.02	25.00
	Band 28	20M	738	20560	QPSK	1	0	Band 41	20M	24.08	24.17	25.00
	Band 41	20M	2506	39750	QPSK	1	0	Band 28	20M	21.30	21.43	22.30
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 28	20M	21.17	21.30	22.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 28	20M	21.27	21.35	22.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 28	20M	21.40	21.45	22.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 28	20M	21.41	21.48	22.30
CA_28A-66A	Band 28	20M	713	20310	QPSK	1	0	Band 66	20M	24.00	24.13	25.00
	Band 28	20M	728	20460	QPSK	1	0	Band 66	20M	24.05	24.16	25.00
	Band 28	20M	738	20560	QPSK	1	0	Band 66	20M	24.01	24.10	25.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 28	20M	20.99	21.14	22.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 28	20M	21.07	21.13	22.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 28	20M	21.13	21.20	22.00
CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	23.45	23.52	24.50
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	23.44	23.55	24.50
	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	23.55	23.70	24.50
	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	20.99	21.04	22.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	21.10	21.17	22.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	20.97	21.06	22.00

DL LTE CA Class State2	PCC							SCC1		Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	Tune up
CA_2C	Band 2	20M	1860	18700	QPSK	1	0	Band 2	20M	16.31	16.41	17.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	20M	16.34	16.49	17.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	20M	16.36	16.43	17.30
CA_5B	Band 5	10M	829	20450	QPSK	1	0	Band 5	10M	21.62	21.70	22.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	10M	21.46	21.60	22.50
	Band 5	10M	844	20600	QPSK	1	0	Band 5	10M	21.53	21.63	22.50
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	15.96	16.04	17.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	16.04	16.12	17.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	15.99	16.12	17.00
CA_28C	Band 28	20M	713	20310	QPSK	1	0	Band 28	20M	22.42	22.53	23.50

	Band 28	20M	728	20460	QPSK	1	0	Band 28	20M	22.48	22.55	23.50
	Band 28	20M	738	20560	QPSK	1	0	Band 28	20M	22.44	22.57	23.50
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	20.03	20.16	21.00
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	20.00	20.11	21.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	19.98	20.10	21.00
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	18.32	18.39	19.30
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	18.30	18.42	19.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	18.27	18.36	19.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	18.28	18.35	19.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	18.36	18.43	19.30
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	16.92	17.07	18.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	16.97	17.04	18.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	17.07	17.15	18.00
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	16.98	17.12	18.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	17.05	17.14	18.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	16.97	17.08	18.00
CA_5A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	21.50	21.58	22.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	21.45	21.60	22.50
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	21.64	21.70	22.50
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	15.99	16.05	17.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	16.06	16.11	17.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	16.03	16.15	17.00
CA_28A-28A	Band 28	20M	713	20310	QPSK	1	0	Band 28	20M	22.49	22.58	23.50
	Band 28	20M	728	20460	QPSK	1	0	Band 28	20M	22.44	22.59	23.50
	Band 28	20M	738	20560	QPSK	1	0	Band 28	20M	22.54	22.60	23.50
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	18.22	18.31	19.30
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	18.26	18.33	19.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	18.37	18.46	19.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	18.31	18.42	19.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	18.29	18.36	19.30
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	17.09	17.19	18.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	16.91	17.01	18.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	16.97	17.08	18.00
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	16.25	16.32	17.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	16.36	16.47	17.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	16.26	16.35	17.30

	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	16.94	17.02	18.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	16.94	17.05	18.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	16.97	17.03	18.00
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	16.22	16.32	17.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	16.25	16.33	17.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	16.33	16.38	17.30
	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	21.57	21.65	22.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	21.58	21.64	22.50
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	21.53	21.68	22.50
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	16.29	16.36	17.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	16.29	16.43	17.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	16.25	16.30	17.30
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	15.85	16.00	17.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	16.04	16.09	17.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	15.97	16.06	17.00
CA_2A-12A	Band 2	20M	1860	18700	QPSK	1	0	Band 12	15M	16.32	16.37	17.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 12	15M	16.35	16.49	17.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 12	15M	16.23	16.34	17.30
	Band 12	10M	704	23060	QPSK	1	0	Band 2	20M	22.39	22.50	23.50
	Band 12	10M	707.5	23095	QPSK	1	0	Band 2	20M	22.52	22.58	23.50
	Band 12	10M	711	23130	QPSK	1	0	Band 2	20M	22.51	22.56	23.50
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	16.44	16.50	17.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	16.27	16.36	17.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	16.22	16.37	17.30
	Band 26	15M	821.5	26765	QPSK	1	0	Band 2	20M	21.47	21.60	22.50
	Band 26	15M	831.5	26865	QPSK	1	0	Band 2	20M	21.58	21.63	22.50
	Band 26	15M	841.5	26965	QPSK	1	0	Band 2	20M	21.46	21.59	22.50
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	16.20	16.33	17.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	16.37	16.48	17.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	16.24	16.31	17.30
	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	19.93	20.01	21.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	19.92	20.06	21.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	20.09	20.14	21.00
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	16.42	16.48	17.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	16.30	16.38	17.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	16.37	16.43	17.30

	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	17.03	17.11	18.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	17.14	17.20	18.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	17.01	17.12	18.00
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	17.00	17.15	18.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	17.00	17.12	18.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	16.96	17.02	18.00
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	21.51	21.63	22.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	21.51	21.62	22.50
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	21.64	21.70	22.50
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	17.05	17.14	18.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	16.97	17.12	18.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	17.05	17.13	18.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	15.90	16.01	17.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	16.05	16.20	17.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	16.12	16.17	17.00
CA_4A-12A	Band 4	20M	1720	20050	QPSK	1	0	Band 12	20M	16.90	17.05	18.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	20M	16.95	17.04	18.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 12	20M	17.10	17.18	18.00
	Band 12	10M	704	23060	QPSK	1	0	Band 4	20M	22.45	22.50	23.50
	Band 12	10M	707.5	23095	QPSK	1	0	Band 4	20M	22.49	22.55	23.50
	Band 12	10M	711	23130	QPSK	1	0	Band 4	20M	22.58	22.64	23.50
CA_4A-17A	Band 4	20M	1720	20050	QPSK	1	0	Band 17	20M	16.94	17.01	18.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 17	20M	16.98	17.09	18.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 17	20M	16.94	17.07	18.00
	Band 17	10M	709	23780	QPSK	1	0	Band 4	20M	22.53	22.58	23.50
	Band 17	10M	710	23790	QPSK	1	0	Band 4	20M	22.42	22.56	23.50
	Band 17	10M	711	23800	QPSK	1	0	Band 4	20M	22.47	22.59	23.50
CA_4A-28A	Band 4	20M	1720	20050	QPSK	1	0	Band 28	20M	17.10	17.15	18.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 28	20M	17.11	17.16	18.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 28	20M	17.10	17.18	18.00
	Band 28	20M	713	20310	QPSK	1	0	Band 4	20M	22.52	22.60	23.50
	Band 28	20M	728	20460	QPSK	1	0	Band 4	20M	22.55	22.61	23.50
	Band 28	20M	738	20560	QPSK	1	0	Band 4	20M	22.54	22.67	23.50
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	21.45	21.57	22.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	21.35	21.50	22.50
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	21.50	21.56	22.50

	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	16.05	16.15	17.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	16.06	16.11	17.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	15.90	16.02	17.00
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	21.48	21.62	22.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	21.42	21.53	22.50
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	21.60	21.68	22.50
	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	18.36	18.47	19.30
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	18.33	18.42	19.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	18.43	18.49	19.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	18.31	18.45	19.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	18.33	18.39	19.30
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	21.44	21.57	22.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	21.49	21.56	22.50
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	21.49	21.59	22.50
	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	17.01	17.16	18.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	17.02	17.08	18.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	16.99	17.06	18.00
CA_7A-8A	Band 7	20M	2510	20850	QPSK	1	0	Band 8	10M	16.01	16.14	17.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 8	10M	16.14	16.19	17.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 8	10M	15.98	16.08	17.00
	Band 8	10M	885	21500	QPSK	1	0	Band 7	20M	22.48	22.58	23.50
	Band 8	10M	897.5	21625	QPSK	1	0	Band 7	20M	22.47	22.58	23.50
	Band 8	10M	910	21750	QPSK	1	0	Band 7	20M	22.47	22.53	23.50
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	16.00	16.15	17.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	15.90	16.05	17.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	15.95	16.01	17.00
	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	21.58	21.70	22.50
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	21.47	21.59	22.50
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	21.41	21.51	22.50
CA_7A-28A	Band 7	20M	2510	20850	QPSK	1	0	Band 28	20M	15.95	16.04	17.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 28	20M	15.97	16.04	17.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 28	20M	16.14	16.19	17.00
	Band 28	20M	713	20310	QPSK	1	0	Band 7	20M	22.54	22.63	23.50
	Band 28	20M	728	20460	QPSK	1	0	Band 7	20M	22.64	22.69	23.50
	Band 28	20M	738	20560	QPSK	1	0	Band 7	20M	22.49	22.57	23.50
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	15.95	16.07	17.00

	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	15.93	16.03	17.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	16.04	16.10	17.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	16.92	17.04	18.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	16.94	17.07	18.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	17.02	17.15	18.00
CA_12A-66A	Band 12	10M	704	23060	QPSK	1	0	Band 66	20M	22.39	22.53	23.50
	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	22.45	22.53	23.50
	Band 12	10M	711	23130	QPSK	1	0	Band 66	20M	22.43	22.55	23.50
	Band 66	20M	1720	132072	QPSK	1	0	Band 12	10M	16.91	17.01	18.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 12	10M	17.07	17.13	18.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 12	10M	16.98	17.10	18.00
CA_28A-38A	Band 28	20M	713	20310	QPSK	1	0	Band 38	20M	22.46	22.54	23.50
	Band 28	20M	728	20460	QPSK	1	0	Band 38	20M	22.44	22.56	23.50
	Band 28	20M	738	20560	QPSK	1	0	Band 38	20M	22.59	22.69	23.50
	Band 38	20M	2580	37850	QPSK	1	0	Band 28	20M	19.97	20.05	21.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 28	20M	20.03	20.11	21.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 28	20M	19.97	20.04	21.00
CA_28A-41A	Band 28	20M	713	20310	QPSK	1	0	Band 41	20M	22.54	22.64	23.50
	Band 28	20M	728	20460	QPSK	1	0	Band 41	20M	22.53	22.59	23.50
	Band 28	20M	738	20560	QPSK	1	0	Band 41	20M	22.45	22.59	23.50
	Band 41	20M	2506	39750	QPSK	1	0	Band 28	20M	18.26	18.40	19.30
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 28	20M	18.42	18.49	19.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 28	20M	18.37	18.48	19.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 28	20M	18.23	18.31	19.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 28	20M	18.43	18.48	19.30
CA_28A-66A	Band 28	20M	713	20310	QPSK	1	0	Band 66	20M	22.45	22.52	23.50
	Band 28	20M	728	20460	QPSK	1	0	Band 66	20M	22.47	22.62	23.50
	Band 28	20M	738	20560	QPSK	1	0	Band 66	20M	22.39	22.53	23.50
	Band 66	20M	1720	132072	QPSK	1	0	Band 28	20M	16.92	17.00	18.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 28	20M	16.97	17.06	18.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 28	20M	16.87	17.02	18.00
CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	19.93	20.03	21.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	19.96	20.04	21.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	20.07	20.17	21.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	16.91	17.02	18.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	16.93	17.01	18.00

	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	16.91	17.06	18.00
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DL LTE CA Class State3	PCC							SCC1		Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	Tune up
CA_2C	Band 2	20M	1860	18700	QPSK	1	0	Band 2	20M	19.26	19.32	20.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	20M	19.21	19.32	20.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	20M	19.26	19.33	20.30
CA_5B	Band 5	10M	829	20450	QPSK	1	0	Band 5	10M	24.06	24.15	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	10M	23.91	24.00	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 5	10M	23.98	24.03	25.00
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	16.42	16.53	17.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	16.54	16.61	17.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	16.56	16.70	17.50
CA_28C	Band 28	20M	713	20310	QPSK	1	0	Band 28	20M	24.10	24.17	25.00
	Band 28	20M	728	20460	QPSK	1	0	Band 28	20M	24.09	24.14	25.00
	Band 28	20M	738	20560	QPSK	1	0	Band 28	20M	23.95	24.01	25.00
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	21.04	21.17	22.00
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	20.86	21.01	22.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	20.91	21.00	22.00
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	18.66	18.80	19.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	18.76	18.88	19.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	18.88	18.94	19.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	18.92	18.97	19.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	18.95	19.00	19.80
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	19.10	19.17	20.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	18.92	19.05	20.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	19.06	19.15	20.00
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	18.87	19.02	20.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	18.95	19.05	20.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	19.13	19.19	20.00
CA_5A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	23.94	24.01	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	23.96	24.01	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	24.05	24.10	25.00
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	16.57	16.68	17.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	16.49	16.60	17.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	16.50	16.63	17.50

CA_28A-28A	Band 28	20M	713	20310	QPSK	1	0	Band 28	20M	23.96	24.08	25.00
	Band 28	20M	728	20460	QPSK	1	0	Band 28	20M	24.00	24.10	25.00
	Band 28	20M	738	20560	QPSK	1	0	Band 28	20M	24.04	24.16	25.00
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	18.83	18.91	19.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	18.90	18.96	19.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	18.78	18.92	19.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	18.91	18.96	19.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	18.87	18.93	19.80
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	19.07	19.16	20.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	19.08	19.18	20.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	19.04	19.14	20.00
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	19.29	19.40	20.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	19.36	19.43	20.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	19.21	19.36	20.30
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	18.93	19.07	20.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	18.94	19.00	20.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	18.92	19.07	20.00
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	19.20	19.35	20.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	19.32	19.47	20.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	19.31	19.41	20.30
	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	23.95	24.08	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	24.02	24.17	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	24.05	24.18	25.00
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	19.31	19.41	20.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	19.32	19.43	20.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	19.44	19.50	20.30
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	16.58	16.66	17.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	16.52	16.60	17.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	16.40	16.52	17.50
CA_2A-12A	Band 2	20M	1860	18700	QPSK	1	0	Band 12	15M	19.35	19.46	20.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 12	15M	19.34	19.40	20.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 12	15M	19.17	19.30	20.30
	Band 12	10M	704	23060	QPSK	1	0	Band 2	20M	23.46	23.53	24.50
	Band 12	10M	707.5	23095	QPSK	1	0	Band 2	20M	23.37	23.50	24.50
	Band 12	10M	711	23130	QPSK	1	0	Band 2	20M	23.60	23.70	24.50
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	19.34	19.41	20.30

	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	19.37	19.43	20.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	19.40	19.48	20.30
	Band 26	15M	821.5	26765	QPSK	1	0	Band 2	20M	24.05	24.13	25.00
	Band 26	15M	831.5	26865	QPSK	1	0	Band 2	20M	24.09	24.16	25.00
	Band 26	15M	841.5	26965	QPSK	1	0	Band 2	20M	24.00	24.12	25.00
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	19.23	19.30	20.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	19.43	19.50	20.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	19.29	19.39	20.30
	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	21.09	21.20	22.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	21.06	21.15	22.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	20.93	21.05	22.00
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	19.26	19.38	20.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	19.30	19.36	20.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	19.36	19.49	20.30
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	18.95	19.06	20.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	18.95	19.02	20.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	18.93	19.04	20.00
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	18.94	19.06	20.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	18.95	19.06	20.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	19.03	19.11	20.00
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	24.08	24.13	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	24.06	24.20	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	24.08	24.16	25.00
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	19.10	19.17	20.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	19.01	19.15	20.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	19.04	19.13	20.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	16.47	16.58	17.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	16.50	16.55	17.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	16.55	16.66	17.50
CA_4A-12A	Band 4	20M	1720	20050	QPSK	1	0	Band 12	20M	19.06	19.12	20.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	20M	19.04	19.17	20.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 12	20M	19.13	19.18	20.00
	Band 12	10M	704	23060	QPSK	1	0	Band 4	20M	23.52	23.61	24.50
	Band 12	10M	707.5	23095	QPSK	1	0	Band 4	20M	23.49	23.63	24.50
	Band 12	10M	711	23130	QPSK	1	0	Band 4	20M	23.42	23.57	24.50
CA_4A-17A	Band 4	20M	1720	20050	QPSK	1	0	Band 17	20M	18.92	19.01	20.00

	Band 4	20M	1732.5	20175	QPSK	1	0	Band 17	20M	19.02	19.16	20.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 17	20M	19.05	19.11	20.00
	Band 17	10M	709	23780	QPSK	1	0	Band 4	20M	23.44	23.52	24.50
	Band 17	10M	710	23790	QPSK	1	0	Band 4	20M	23.40	23.55	24.50
	Band 17	10M	711	23800	QPSK	1	0	Band 4	20M	23.58	23.66	24.50
CA_4A-28A	Band 4	20M	1720	20050	QPSK	1	0	Band 28	20M	18.87	19.00	20.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 28	20M	19.01	19.11	20.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 28	20M	18.86	19.00	20.00
	Band 28	20M	713	20310	QPSK	1	0	Band 4	20M	24.09	24.15	25.00
	Band 28	20M	728	20460	QPSK	1	0	Band 4	20M	23.93	24.01	25.00
	Band 28	20M	738	20560	QPSK	1	0	Band 4	20M	23.96	24.11	25.00
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	24.11	24.20	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	24.08	24.13	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	23.94	24.04	25.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	16.52	16.61	17.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	16.52	16.66	17.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	16.43	16.58	17.50
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	24.10	24.18	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	24.04	24.13	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	23.94	24.00	25.00
	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	18.66	18.81	19.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	18.90	18.96	19.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	18.81	18.89	19.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	18.88	18.95	19.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	18.79	18.92	19.80
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	24.06	24.18	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	23.95	24.00	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	24.04	24.13	25.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	18.93	19.00	20.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	19.01	19.13	20.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	18.96	19.10	20.00
CA_7A-8A	Band 7	20M	2510	20850	QPSK	1	0	Band 8	10M	16.51	16.62	17.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 8	10M	16.49	16.60	17.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 8	10M	16.50	16.61	17.50
	Band 8	10M	885	21500	QPSK	1	0	Band 7	20M	23.94	24.05	25.00
	Band 8	10M	897.5	21625	QPSK	1	0	Band 7	20M	23.95	24.06	25.00

	Band 8	10M	910	21750	QPSK	1	0	Band 7	20M	24.00	24.08	25.00
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	16.43	16.53	17.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	16.58	16.67	17.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	16.49	16.56	17.50
	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	24.06	24.19	25.00
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	24.10	24.17	25.00
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	24.02	24.13	25.00
CA_7A-28A	Band 7	20M	2510	20850	QPSK	1	0	Band 28	20M	16.40	16.53	17.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 28	20M	16.60	16.65	17.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 28	20M	16.62	16.70	17.50
	Band 28	20M	713	20310	QPSK	1	0	Band 7	20M	24.01	24.12	25.00
	Band 28	20M	728	20460	QPSK	1	0	Band 7	20M	24.10	24.17	25.00
	Band 28	20M	738	20560	QPSK	1	0	Band 7	20M	24.11	24.16	25.00
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	16.57	16.69	17.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	16.42	16.57	17.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	16.43	16.51	17.50
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	18.96	19.07	20.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	18.98	19.03	20.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	18.89	19.04	20.00
CA_12A-66A	Band 12	10M	704	23060	QPSK	1	0	Band 66	20M	23.48	23.57	24.50
	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	23.52	23.62	24.50
	Band 12	10M	711	23130	QPSK	1	0	Band 66	20M	23.46	23.52	24.50
	Band 66	20M	1720	132072	QPSK	1	0	Band 12	10M	18.93	19.03	20.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 12	10M	19.05	19.20	20.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 12	10M	18.95	19.03	20.00
CA_28A-38A	Band 28	20M	713	20310	QPSK	1	0	Band 38	20M	24.03	24.09	25.00
	Band 28	20M	728	20460	QPSK	1	0	Band 38	20M	24.11	24.20	25.00
	Band 28	20M	738	20560	QPSK	1	0	Band 38	20M	23.98	24.12	25.00
	Band 38	20M	2580	37850	QPSK	1	0	Band 28	20M	21.03	21.18	22.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 28	20M	21.03	21.16	22.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 28	20M	21.04	21.13	22.00
CA_28A-41A	Band 28	20M	713	20310	QPSK	1	0	Band 41	20M	24.01	24.16	25.00
	Band 28	20M	728	20460	QPSK	1	0	Band 41	20M	24.02	24.13	25.00
	Band 28	20M	738	20560	QPSK	1	0	Band 41	20M	24.05	24.12	25.00
	Band 41	20M	2506	39750	QPSK	1	0	Band 28	20M	18.75	18.87	19.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 28	20M	18.76	18.90	19.80

	Band 41	20M	2593	40620	QPSK	1	0	Band 28	20M	18.94	18.99	19.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 28	20M	18.91	18.96	19.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 28	20M	18.80	18.88	19.80
CA_28A-66A	Band 28	20M	713	20310	QPSK	1	0	Band 66	20M	24.08	24.19	25.00
	Band 28	20M	728	20460	QPSK	1	0	Band 66	20M	23.97	24.12	25.00
	Band 28	20M	738	20560	QPSK	1	0	Band 66	20M	23.92	24.02	25.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 28	20M	18.90	19.05	20.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 28	20M	19.08	19.17	20.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 28	20M	19.06	19.19	20.00
CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	20.90	21.01	22.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	20.92	21.01	22.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	21.13	21.19	22.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	19.01	19.13	20.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	18.96	19.10	20.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	19.10	19.16	20.00

DL LTE CA Class State4	PCC							SCC1		Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	Tune up
CA_2C	Band 2	20M	1860	18700	QPSK	1	0	Band 2	20M	15.24	15.34	16.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	20M	15.36	15.41	16.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	20M	15.32	15.46	16.30
CA_5B	Band 5	10M	829	20450	QPSK	1	0	Band 5	10M	20.60	20.65	21.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	10M	20.51	20.59	21.50
	Band 5	10M	844	20600	QPSK	1	0	Band 5	10M	20.60	20.68	21.50
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	15.03	15.14	16.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	14.97	15.10	16.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	15.03	15.16	16.00
CA_28C	Band 28	20M	713	20310	QPSK	1	0	Band 28	20M	21.52	21.61	22.50
	Band 28	20M	728	20460	QPSK	1	0	Band 28	20M	21.54	21.62	22.50
	Band 28	20M	738	20560	QPSK	1	0	Band 28	20M	21.55	21.66	22.50
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	18.94	19.01	20.00
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	19.01	19.16	20.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	19.00	19.13	20.00
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	17.26	17.32	18.30
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	17.24	17.31	18.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	17.21	17.36	18.30

	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	17.27	17.36	18.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	17.36	17.45	18.30
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	16.01	16.15	17.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	16.03	16.08	17.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	15.97	16.07	17.00
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	16.06	16.12	17.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	16.01	16.09	17.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	15.92	16.01	17.00
CA_5A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	20.48	20.58	21.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	20.52	20.61	21.50
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	20.46	20.55	21.50
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	14.94	15.04	16.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	14.91	15.04	16.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	15.10	15.19	16.00
CA_28A-28A	Band 28	20M	713	20310	QPSK	1	0	Band 28	20M	21.61	21.66	22.50
	Band 28	20M	728	20460	QPSK	1	0	Band 28	20M	21.47	21.53	22.50
	Band 28	20M	738	20560	QPSK	1	0	Band 28	20M	21.58	21.70	22.50
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	17.27	17.40	18.30
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	17.38	17.48	18.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	17.38	17.49	18.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	17.24	17.35	18.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	17.23	17.35	18.30
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	15.99	16.13	17.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	16.04	16.17	17.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	15.97	16.02	17.00
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	15.25	15.32	16.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	15.24	15.39	16.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	15.42	15.50	16.30
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	16.01	16.16	17.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	16.07	16.20	17.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	16.01	16.09	17.00
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	15.18	15.32	16.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	15.21	15.36	16.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	15.35	15.48	16.30
	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	20.46	20.59	21.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	20.54	20.66	21.50

	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	20.56	20.64	21.50
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	15.25	15.31	16.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	15.29	15.36	16.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	15.26	15.39	16.30
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	14.88	15.01	16.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	14.98	15.06	16.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	15.01	15.12	16.00
CA_2A-12A	Band 2	20M	1860	18700	QPSK	1	0	Band 12	15M	15.22	15.35	16.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 12	15M	15.43	15.48	16.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 12	15M	15.41	15.48	16.30
	Band 12	10M	704	23060	QPSK	1	0	Band 2	20M	21.47	21.53	22.50
	Band 12	10M	707.5	23095	QPSK	1	0	Band 2	20M	21.42	21.56	22.50
	Band 12	10M	711	23130	QPSK	1	0	Band 2	20M	21.43	21.54	22.50
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	15.22	15.30	16.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	15.37	15.49	16.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	15.34	15.43	16.30
	Band 26	15M	821.5	26765	QPSK	1	0	Band 2	20M	20.45	20.60	21.50
	Band 26	15M	831.5	26865	QPSK	1	0	Band 2	20M	20.48	20.56	21.50
	Band 26	15M	841.5	26965	QPSK	1	0	Band 2	20M	20.51	20.59	21.50
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	15.33	15.44	16.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	15.30	15.42	16.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	15.23	15.30	16.30
	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	18.92	19.07	20.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	18.96	19.09	20.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	19.00	19.05	20.00
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	15.24	15.30	16.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	15.32	15.42	16.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	15.28	15.42	16.30
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	15.91	16.00	17.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	16.03	16.15	17.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	15.92	16.05	17.00
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	15.96	16.03	17.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	15.86	16.00	17.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	15.96	16.09	17.00
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	20.46	20.61	21.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	20.60	20.65	21.50

	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	20.47	20.54	21.50
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	16.01	16.08	17.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	16.00	16.15	17.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	16.00	16.08	17.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	15.12	15.20	16.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	14.97	15.09	16.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	15.03	15.08	16.00
CA_4A-12A	Band 4	20M	1720	20050	QPSK	1	0	Band 12	20M	15.95	16.10	17.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	20M	15.89	16.04	17.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 12	20M	16.07	16.19	17.00
	Band 12	10M	704	23060	QPSK	1	0	Band 4	20M	21.59	21.68	22.50
	Band 12	10M	707.5	23095	QPSK	1	0	Band 4	20M	21.49	21.63	22.50
	Band 12	10M	711	23130	QPSK	1	0	Band 4	20M	21.54	21.65	22.50
CA_4A-17A	Band 4	20M	1720	20050	QPSK	1	0	Band 17	20M	15.92	16.03	17.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 17	20M	15.97	16.08	17.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 17	20M	15.89	16.03	17.00
	Band 17	10M	709	23780	QPSK	1	0	Band 4	20M	21.50	21.61	22.50
	Band 17	10M	710	23790	QPSK	1	0	Band 4	20M	21.49	21.61	22.50
	Band 17	10M	711	23800	QPSK	1	0	Band 4	20M	21.58	21.64	22.50
CA_4A-28A	Band 4	20M	1720	20050	QPSK	1	0	Band 28	20M	15.88	16.03	17.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 28	20M	15.96	16.04	17.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 28	20M	16.05	16.19	17.00
	Band 28	20M	713	20310	QPSK	1	0	Band 4	20M	21.54	21.67	22.50
	Band 28	20M	728	20460	QPSK	1	0	Band 4	20M	21.53	21.61	22.50
	Band 28	20M	738	20560	QPSK	1	0	Band 4	20M	21.64	21.70	22.50
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	20.46	20.59	21.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	20.57	20.63	21.50
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	20.56	20.63	21.50
	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	14.94	15.08	16.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	15.01	15.14	16.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	15.02	15.17	16.00
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	20.42	20.52	21.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	20.41	20.51	21.50
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	20.43	20.53	21.50
	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	17.22	17.37	18.30
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	17.30	17.41	18.30

	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	17.20	17.33	18.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	17.28	17.37	18.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	17.36	17.42	18.30
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	20.50	20.56	21.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	20.61	20.67	21.50
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	20.46	20.61	21.50
	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	16.01	16.13	17.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	16.05	16.13	17.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	15.89	16.01	17.00
CA_7A-8A	Band 7	20M	2510	20850	QPSK	1	0	Band 8	10M	14.97	15.02	16.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 8	10M	14.97	15.02	16.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 8	10M	15.04	15.19	16.00
	Band 8	10M	885	21500	QPSK	1	0	Band 7	20M	21.42	21.54	22.50
	Band 8	10M	897.5	21625	QPSK	1	0	Band 7	20M	21.56	21.63	22.50
	Band 8	10M	910	21750	QPSK	1	0	Band 7	20M	21.51	21.58	22.50
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	14.92	15.07	16.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	14.99	15.11	16.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	14.96	15.01	16.00
	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	20.62	20.68	21.50
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	20.54	20.68	21.50
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	20.50	20.56	21.50
CA_7A-28A	Band 7	20M	2510	20850	QPSK	1	0	Band 28	20M	15.09	15.17	16.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 28	20M	14.88	15.00	16.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 28	20M	15.00	15.07	16.00
	Band 28	20M	713	20310	QPSK	1	0	Band 7	20M	21.53	21.61	22.50
	Band 28	20M	728	20460	QPSK	1	0	Band 7	20M	21.57	21.68	22.50
	Band 28	20M	738	20560	QPSK	1	0	Band 7	20M	21.42	21.57	22.50
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	15.09	15.15	16.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	14.88	15.02	16.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	15.06	15.17	16.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	15.96	16.05	17.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	15.89	16.03	17.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	16.07	16.13	17.00
CA_12A-66A	Band 12	10M	704	23060	QPSK	1	0	Band 66	20M	21.62	21.69	22.50
	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	21.41	21.51	22.50
	Band 12	10M	711	23130	QPSK	1	0	Band 66	20M	21.38	21.53	22.50

	Band 66	20M	1720	132072	QPSK	1	0	Band 12	10M	15.98	16.07	17.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 12	10M	15.93	16.02	17.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 12	10M	16.08	16.18	17.00
CA_28A-38A	Band 28	20M	713	20310	QPSK	1	0	Band 38	20M	21.39	21.54	22.50
	Band 28	20M	728	20460	QPSK	1	0	Band 38	20M	21.43	21.56	22.50
	Band 28	20M	738	20560	QPSK	1	0	Band 38	20M	21.45	21.56	22.50
	Band 38	20M	2580	37850	QPSK	1	0	Band 28	20M	19.03	19.09	20.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 28	20M	18.91	19.04	20.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 28	20M	18.86	19.00	20.00
CA_28A-41A	Band 28	20M	713	20310	QPSK	1	0	Band 41	20M	21.49	21.62	22.50
	Band 28	20M	728	20460	QPSK	1	0	Band 41	20M	21.55	21.67	22.50
	Band 28	20M	738	20560	QPSK	1	0	Band 41	20M	21.54	21.59	22.50
	Band 41	20M	2506	39750	QPSK	1	0	Band 28	20M	17.35	17.46	18.30
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 28	20M	17.31	17.44	18.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 28	20M	17.26	17.37	18.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 28	20M	17.32	17.38	18.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 28	20M	17.23	17.37	18.30
CA_28A-66A	Band 28	20M	713	20310	QPSK	1	0	Band 66	20M	21.54	21.62	22.50
	Band 28	20M	728	20460	QPSK	1	0	Band 66	20M	21.57	21.62	22.50
	Band 28	20M	738	20560	QPSK	1	0	Band 66	20M	21.53	21.58	22.50
	Band 66	20M	1720	132072	QPSK	1	0	Band 28	20M	16.02	16.12	17.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 28	20M	16.05	16.10	17.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 28	20M	16.02	16.09	17.00
CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	19.07	19.17	20.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	18.92	19.01	20.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	18.91	19.04	20.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	16.05	16.18	17.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	16.00	16.13	17.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	15.99	16.11	17.00

5.3 Conducted Power of LTE Downlink CA (Ant4)

DL LTE CA Class State1/2	PCC							SCC1		Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	Tune up
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	23.03	23.17	24.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	21.43	21.54	22.50

	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	21.47	21.58	22.50
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	20.42	20.56	21.50
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	20.65	20.70	21.50
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	20.46	20.51	21.50
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	20.41	20.50	21.30
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	20.22	20.34	21.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	20.19	20.31	21.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	20.22	20.37	21.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	20.18	20.31	21.30
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	22.98	23.10	24.10
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	23.10	23.21	24.10
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	22.99	23.11	24.10
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	22.96	23.01	24.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	23.01	23.16	24.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	22.97	23.10	24.00
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	21.61	21.66	22.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	21.63	21.70	22.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	21.53	21.64	22.50
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	20.15	20.30	21.30
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	20.30	20.35	21.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	20.36	20.42	21.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	20.25	20.37	21.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	20.35	20.46	21.30
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	23.01	23.16	24.10
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	23.16	23.27	24.10
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	23.16	23.27	24.10
CA_2A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	23.12	23.17	24.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	23.04	23.19	24.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	22.97	23.03	24.00
CA_2A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	21.64	21.69	22.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	21.48	21.54	22.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	21.59	21.70	22.50
CA_2A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	20.62	20.67	21.50
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	20.61	20.66	21.50
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	20.48	20.60	21.50
CA_2A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	23.14	23.29	24.10

	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	23.05	23.16	24.10
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	23.08	23.23	24.10
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	22.85	23.00	24.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	22.98	23.09	24.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	23.06	23.15	24.00
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	22.91	23.04	24.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	23.14	23.20	24.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	23.02	23.07	24.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	21.49	21.62	22.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	21.44	21.57	22.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	21.48	21.55	22.50
CA_4A-12A	Band 4	20M	1720	20050	QPSK	1	0	Band 12	20M	23.13	23.19	24.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	20M	22.91	23.05	24.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 12	20M	22.89	23.03	24.00
CA_4A-17A	Band 4	20M	1720	20050	QPSK	1	0	Band 17	20M	23.07	23.19	24.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 17	20M	23.13	23.20	24.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 17	20M	22.98	23.03	24.00
CA_4A-28A	Band 4	20M	1720	20050	QPSK	1	0	Band 28	20M	23.07	23.19	24.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 28	20M	22.88	23.00	24.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 28	20M	23.11	23.19	24.00
CA_5A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	21.51	21.63	22.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	21.58	21.66	22.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	21.46	21.55	22.50
CA_5A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	20.15	20.30	21.30
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	20.29	20.39	21.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	20.27	20.32	21.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	20.29	20.36	21.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	20.45	20.50	21.30
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	23.05	23.14	24.10
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	23.01	23.13	24.10
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	23.03	23.13	24.10
CA_7A-8A	Band 7	20M	2510	20850	QPSK	1	0	Band 8	10M	21.42	21.50	22.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 8	10M	21.43	21.50	22.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 8	10M	21.38	21.51	22.50
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	21.56	21.65	22.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	21.50	21.59	22.50

	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	21.61	21.68	22.50
CA_7A-28A	Band 7	20M	2510	20850	QPSK	1	0	Band 28	20M	21.52	21.63	22.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 28	20M	21.51	21.57	22.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 28	20M	21.55	21.62	22.50
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	21.53	21.59	22.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	21.58	21.68	22.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	21.40	21.55	22.50
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	23.06	23.13	24.10
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	23.15	23.29	24.10
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	23.16	23.30	24.10
CA_12A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 12	10M	23.08	23.20	24.10
	Band 66	20M	1745	132322	QPSK	1	0	Band 12	10M	23.06	23.16	24.10
	Band 66	20M	1770	132572	QPSK	1	0	Band 12	10M	23.19	23.24	24.10
CA_28A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 28	20M	20.44	20.51	21.50
	Band 38	20M	2595	38000	QPSK	1	0	Band 28	20M	20.45	20.55	21.50
	Band 38	20M	2610	38150	QPSK	1	0	Band 28	20M	20.46	20.56	21.50
	Band 41	20M	2506	39750	QPSK	1	0	Band 28	20M	20.23	20.30	21.30
CA_28A-41A	Band 41	20M	2549.5	40185	QPSK	1	0	Band 28	20M	20.27	20.35	21.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 28	20M	20.29	20.39	21.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 28	20M	20.33	20.48	21.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 28	20M	20.22	20.37	21.30
CA_28A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 28	20M	23.08	23.21	24.10
	Band 66	20M	1745	132322	QPSK	1	0	Band 28	20M	23.00	23.14	24.10
	Band 66	20M	1770	132572	QPSK	1	0	Band 28	20M	23.06	23.13	24.10
CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	20.46	20.61	21.50
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	20.50	20.57	21.50
	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	20.48	20.58	21.50
	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	23.13	23.26	24.10
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	23.08	23.15	24.10
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	23.10	23.17	24.10

DL LTE CA Class State3	PCC							SCC1		Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	Tune up
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	21.57	21.64	22.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	19.05	19.16	20.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	19.05	19.20	20.00

CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	20.53	20.67	21.50
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	20.61	20.67	21.50
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	20.51	20.63	21.50
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	18.94	18.99	19.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	18.87	18.93	19.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	18.84	18.92	19.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	18.78	18.89	19.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	18.75	18.85	19.80
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	21.63	21.76	22.60
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	21.57	21.71	22.60
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	21.57	21.64	22.60
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	21.52	21.60	22.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	21.52	21.61	22.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	21.64	21.69	22.50
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	19.03	19.11	20.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	19.08	19.14	20.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	19.08	19.20	20.00
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	18.69	18.84	19.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	18.80	18.90	19.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	18.86	18.92	19.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	18.89	18.95	19.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	18.80	18.91	19.80
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	21.64	21.72	22.60
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	21.64	21.76	22.60
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	21.55	21.68	22.60
CA_2A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	21.40	21.52	22.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	21.37	21.50	22.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	21.59	21.65	22.50
CA_2A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	19.03	19.16	20.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	19.01	19.13	20.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	19.01	19.13	20.00
CA_2A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	20.51	20.61	21.50
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	20.52	20.66	21.50
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	20.64	20.70	21.50
CA_2A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	21.59	21.64	22.60
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	21.57	21.68	22.60

	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	21.61	21.76	22.60
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	21.44	21.59	22.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	21.41	21.50	22.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	21.50	21.55	22.50
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	21.51	21.59	22.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	21.46	21.61	22.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	21.56	21.67	22.50
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	19.06	19.16	20.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	18.98	19.09	20.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	18.95	19.09	20.00
CA_4A-12A	Band 4	20M	1720	20050	QPSK	1	0	Band 12	20M	21.47	21.56	22.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	20M	21.46	21.61	22.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 12	20M	21.46	21.59	22.50
CA_4A-17A	Band 4	20M	1720	20050	QPSK	1	0	Band 17	20M	21.45	21.57	22.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 17	20M	21.58	21.68	22.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 17	20M	21.42	21.53	22.50
CA_4A-28A	Band 4	20M	1720	20050	QPSK	1	0	Band 28	20M	21.51	21.65	22.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 28	20M	21.52	21.60	22.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 28	20M	21.53	21.63	22.50
CA_5A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	19.05	19.11	20.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	19.01	19.09	20.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	19.03	19.18	20.00
CA_5A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	18.81	18.91	19.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	18.82	18.89	19.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	18.75	18.80	19.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	18.90	19.00	19.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	18.79	18.85	19.80
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	21.68	21.79	22.60
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	21.61	21.66	22.60
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	21.56	21.68	22.60
CA_7A-8A	Band 7	20M	2510	20850	QPSK	1	0	Band 8	10M	18.99	19.14	20.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 8	10M	19.01	19.14	20.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 8	10M	19.07	19.17	20.00
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	19.04	19.15	20.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	18.88	19.03	20.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	18.98	19.03	20.00

CA_7A-28A	Band 7	20M	2510	20850	QPSK	1	0	Band 28	20M	18.92	19.00	20.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 28	20M	19.03	19.18	20.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 28	20M	19.02	19.15	20.00
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	18.89	19.04	20.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	19.04	19.12	20.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	19.10	19.19	20.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	21.62	21.71	22.60
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	21.62	21.77	22.60
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	21.55	21.61	22.60
CA_12A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 12	10M	21.57	21.69	22.60
	Band 66	20M	1745	132322	QPSK	1	0	Band 12	10M	21.61	21.70	22.60
	Band 66	20M	1770	132572	QPSK	1	0	Band 12	10M	21.49	21.62	22.60
CA_28A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 28	20M	20.54	20.67	21.50
	Band 38	20M	2595	38000	QPSK	1	0	Band 28	20M	20.60	20.70	21.50
	Band 38	20M	2610	38150	QPSK	1	0	Band 28	20M	20.46	20.56	21.50
	Band 41	20M	2506	39750	QPSK	1	0	Band 28	20M	18.82	18.92	19.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 28	20M	18.76	18.86	19.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 28	20M	18.69	18.81	19.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 28	20M	18.67	18.80	19.80
CA_28A-41A	Band 41	20M	2680	41490	QPSK	1	0	Band 28	20M	18.70	18.80	19.80
	Band 66	20M	1720	132072	QPSK	1	0	Band 28	20M	21.58	21.68	22.60
	Band 66	20M	1745	132322	QPSK	1	0	Band 28	20M	21.65	21.73	22.60
	Band 66	20M	1770	132572	QPSK	1	0	Band 28	20M	21.56	21.63	22.60
	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	20.54	20.66	21.50
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	20.56	20.67	21.50
	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	20.39	20.54	21.50
CA_38A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	21.60	21.71	22.60
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	21.62	21.73	22.60
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	21.54	21.61	22.60
	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	20.54	20.66	21.50
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	20.56	20.67	21.50
	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	20.39	20.54	21.50

6 Conducted Power of NR Antenna

6.1 Conducted Power of NR Antenna (Ant0)

N2 State2/4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				18600	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	22.79	22.83	22.69	24.20
		1	53	22.80	22.88	22.78	24.20
		1	104	22.74	22.74	22.67	24.20
		50	0	21.82	21.87	21.93	23.20
		50	28	22.93	22.89	22.80	24.20
		50	56	21.80	21.83	21.82	23.20
		100	0	21.85	21.87	21.93	23.20
	DFT-s-OFDM 16QAM	1	1	21.56	21.57	21.63	23.20
	DFT-s-OFDM 64QAM	1	1	20.14	20.16	20.08	21.70
	DFT-s-OFDM 256QAM	1	1	18.71	18.72	18.79	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	21.48	21.38	21.36	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	22.82	22.91	22.64	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	22.81	22.82	22.63	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	22.77	22.76	22.68	24.20

N2 State1				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				18600	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	21.75	21.88	21.67	23.20
		1	53	21.75	21.90	21.79	23.20
		1	104	21.72	21.69	21.62	23.20
		50	0	20.79	20.85	20.91	22.20
		50	28	21.93	21.85	21.80	23.20
		50	56	20.81	20.80	20.77	22.20
		100	0	20.82	20.84	20.96	22.20
	DFT-s-OFDM 16QAM	1	1	20.56	20.55	20.58	22.20
	DFT-s-OFDM 64QAM	1	1	19.15	19.15	19.09	20.70
	DFT-s-OFDM 256QAM	1	1	17.66	17.72	17.84	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	20.46	20.37	20.35	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	21.84	21.87	21.75	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	21.82	21.88	21.57	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	21.72	21.82	21.77	23.20

N2 State3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				18600	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	19.83	19.84	19.73	21.20
		1	53	19.81	19.92	19.80	21.20
		1	104	19.77	19.71	19.70	21.20
		50	0	18.81	18.85	18.94	20.20
		50	28	19.89	19.91	19.84	21.20
		50	56	18.84	18.86	18.84	20.20
		100	0	18.87	18.85	18.97	20.20
	DFT-s-OFDM 16QAM	1	1	18.52	18.59	18.63	20.20
	DFT-s-OFDM 64QAM	1	1	17.16	17.13	17.05	18.70
	DFT-s-OFDM 256QAM	1	1	15.73	15.73	15.77	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	18.47	18.34	18.40	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	19.84	19.84	19.67	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	19.69	19.86	19.68	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	19.74	19.83	19.77	21.20

N5 State1/2/3/4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM QPSK	1	1	24.13	24.14	24.16	25.40
		1	53	24.07	24.15	24.21	25.40
		1	104	24.22	24.16	24.09	25.40
		50	0	23.14	23.18	23.22	24.40
		50	28	24.13	24.19	24.13	25.40
		50	56	23.18	23.17	23.21	24.40
		100	0	23.08	23.16	23.18	24.40
	DFT-s-OFDM 16QAM	1	1	22.75	22.83	22.85	24.40
	DFT-s-OFDM 64QAM	1	1	21.32	21.39	21.49	22.90
	DFT-s-OFDM 256QAM	1	1	19.98	19.95	19.90	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	22.60	22.63	22.71	23.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	24.22	24.22	24.11	25.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	24.17	24.18	24.10	25.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	24.06	24.08	24.18	25.40

N7 State2/4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM QPSK	1	1	24.27	24.26	24.22	25.50
		1	108	24.30	24.27	24.21	25.50
		1	214	24.21	24.15	24.28	25.50
		108	0	23.19	23.29	23.26	24.50
		108	54	24.28	24.32	24.39	25.50
		108	108	23.14	23.24	23.29	24.50
		216	0	23.21	23.26	23.25	24.50
	DFT-s-OFDM 16QAM	1	1	23.03	23.06	23.14	24.50
	DFT-s-OFDM 64QAM	1	1	21.57	21.62	21.71	23.00
	DFT-s-OFDM 256QAM	1	1	20.05	20.12	20.22	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	22.74	22.81	22.73	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	24.33	24.32	24.24	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	24.24	24.32	24.31	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	24.24	24.34	24.20	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	24.35	24.28	24.29	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	24.27	24.33	24.16	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	24.27	24.24	24.21	25.50

N7 State1				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM QPSK	1	1	22.29	22.22	22.17	23.50
		1	108	22.25	22.21	22.18	23.50
		1	214	22.20	22.17	22.22	23.50
		108	0	21.21	21.33	21.24	22.50
		108	54	22.32	22.33	22.37	23.50
		108	108	21.10	21.27	21.29	22.50
		216	0	21.15	21.21	21.27	22.50
	DFT-s-OFDM 16QAM	1	1	21.05	21.02	21.17	22.50
	DFT-s-OFDM 64QAM	1	1	19.59	19.66	19.74	21.00
	DFT-s-OFDM 256QAM	1	1	17.99	18.08	18.26	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	20.66	20.85	20.66	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	22.35	22.31	22.16	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	22.26	22.29	22.25	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	22.27	22.34	22.23	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	22.27	22.20	22.25	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	22.25	22.30	22.13	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	22.20	22.19	22.15	23.50

N7 State3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM QPSK	1	1	19.71	19.76	19.75	21.00
		1	108	19.80	19.75	19.64	21.00
		1	214	19.67	19.63	19.74	21.00
		108	0	18.68	18.80	18.79	20.00
		108	54	19.80	19.78	19.83	21.00
		108	108	18.65	18.74	18.83	20.00
		216	0	18.68	18.76	18.76	20.00
	DFT-s-OFDM 16QAM	1	1	18.55	18.54	18.62	20.00
	DFT-s-OFDM 64QAM	1	1	17.05	17.16	17.16	18.50
	DFT-s-OFDM 256QAM	1	1	15.48	15.60	15.64	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	18.28	18.28	18.20	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	19.87	19.82	19.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	19.76	19.82	19.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	19.77	19.77	19.71	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	19.81	19.76	19.80	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	19.77	19.84	19.66	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	19.70	19.76	19.71	21.00

N12 State1/2/3/4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				141300	141500	141700	
				706.5	707.5	708.5	
15MHz	DFT-s-OFDM QPSK	1	1	24.05	24.06	24.07	25.40
		1	40	24.14	24.09	24.07	25.40
		1	77	24.04	24.04	24.13	25.40
		36	0	23.05	23.14	23.09	24.40
		36	22	24.08	24.14	24.16	25.40
		36	43	23.08	23.11	23.14	24.40
		75	0	23.17	23.15	23.08	24.40
	DFT-s-OFDM 16QAM	1	1	22.81	22.89	22.91	24.40
	DFT-s-OFDM 64QAM	1	1	21.31	21.41	21.49	22.90
	DFT-s-OFDM 256QAM	1	1	19.95	20.00	20.07	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				141300	141500	141700	
15MHz	CP-OFDM QPSK	1	1	22.61	22.66	22.72	23.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140800	141500	142200	
10MHz	DFT-s-OFDM QPSK	1	1	23.95	24.08	24.00	25.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140300	141500	142700	
5MHz	DFT-s-OFDM QPSK	1	1	23.97	24.03	24.14	25.40

NR N26 State1/2/3/4					Conducted Power(dBm)			
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					164800	166300	167800	
					824	831.5	839	
20MHz	15kHz	DFT-s-OFDM QPSK	1	1	24.03	24.02	23.99	25.40
			1	53	24.06	24.05	24.09	25.40
			1	104	23.86	23.93	23.87	25.40
			50	0	23.09	23.05	23.06	24.40
			50	28	24.14	24.09	24.02	25.40
			50	56	23.09	23.05	23.01	24.40
			100	0	22.99	23.03	23.02	24.40
		DFT-s-OFDM 16QAM	1	1	22.60	22.70	22.66	24.40
		DFT-s-OFDM 64QAM	1	1	21.28	21.25	21.22	22.90
		DFT-s-OFDM 256QAM	1	1	19.81	19.83	19.86	20.90
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					164800	166300	167800	
20MHz	15kHz	CP-OFDM QPSK	1	1	22.50	22.48	22.45	23.90
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					164300	166300	168300	
15MHz	15kHz	DFT-s-OFDM QPSK	1	1	24.07	24.06	24.05	25.40
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					163800	166300	168800	
10MHz	15kHz	DFT-s-OFDM QPSK	1	1	23.98	23.97	23.95	25.40
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					163300	166300	169300	
5MHz	15kHz	DFT-s-OFDM QPSK	1	1	24.10	24.09	24.08	25.40

N38 State2/4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM QPSK	1	1	24.44	24.47	24.43	25.70
		1	53	24.44	24.46	24.48	25.70
		1	104	24.45	24.44	24.35	25.70
		50	0	23.69	23.61	23.66	24.70
		50	28	24.41	24.46	24.50	25.70
		50	56	23.54	23.47	23.51	24.70
		100	0	23.53	23.46	23.39	24.70
	DFT-s-OFDM 16QAM	1	1	23.28	23.26	23.29	24.70
	DFT-s-OFDM 64QAM	1	1	21.91	21.81	21.75	23.20
	DFT-s-OFDM 256QAM	1	1	20.22	20.29	20.27	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	23.04	23.02	23.02	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	24.46	24.37	24.44	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	24.34	24.47	24.50	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	24.46	24.37	24.35	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	24.41	24.55	24.52	25.70

N38 State1				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM QPSK	1	1	22.97	22.95	22.89	24.20
		1	53	22.96	23.00	22.97	24.20
		1	104	22.96	22.89	22.89	24.20
		50	0	22.21	22.07	22.12	23.20
		50	28	22.86	22.91	23.04	24.20
		50	56	22.03	21.97	22.03	23.20
		100	0	21.98	21.91	21.85	23.20
	DFT-s-OFDM 16QAM	1	1	21.74	21.72	21.82	23.20
	DFT-s-OFDM 64QAM	1	1	20.37	20.33	20.28	21.70
	DFT-s-OFDM 256QAM	1	1	18.76	18.75	18.75	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	21.53	21.49	21.53	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	22.92	22.87	22.82	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	22.96	22.96	22.94	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	23.01	22.94	22.80	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	22.94	22.88	22.99	24.20

N38 State3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM QPSK	1	1	20.47	20.42	20.36	21.70
		1	53	20.47	20.48	20.43	21.70
		1	104	20.41	20.39	20.39	21.70
		50	0	19.64	19.62	19.66	20.70
		50	28	20.44	20.39	20.46	21.70
		50	56	19.53	19.40	19.50	20.70
		100	0	19.54	19.40	19.38	20.70
	DFT-s-OFDM 16QAM	1	1	19.21	19.19	19.32	20.70
	DFT-s-OFDM 64QAM	1	1	17.90	17.83	17.70	19.20
	DFT-s-OFDM 256QAM	1	1	16.22	16.29	16.31	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	19.07	19.00	19.00	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	20.38	20.41	20.31	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	20.43	20.44	20.33	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	20.52	20.32	20.40	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	20.51	20.34	20.33	21.70

N41 PC3 State2/4				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	24.47	24.54	24.53	24.46	24.45	25.70
		1	137	24.49	24.46	24.38	24.36	24.39	25.70
		1	271	24.44	24.36	24.38	24.40	24.42	25.70
		135	0	23.69	23.60	23.70	23.66	23.67	24.70
		135	69	24.59	24.56	24.48	24.40	24.45	25.70
		135	138	23.71	23.72	23.62	23.59	23.65	24.70
		270	0	23.58	23.68	23.60	23.50	23.61	24.70
	DFT-s-OFDM 16QAM	1	1	23.31	23.32	23.31	23.40	23.37	24.70
	DFT-s-OFDM 64QAM	1	1	21.88	21.95	21.91	21.83	22.00	23.20
	DFT-s-OFDM 256QAM	1	1	20.26	20.21	20.28	20.25	20.38	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	23.19	23.19	23.14	23.18	23.16	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	24.51	24.57	24.60	24.41	24.53	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	24.37	24.58	24.46	24.56	24.53	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	24.49	24.46	24.46	24.47	24.55	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	24.56	24.54	24.43	24.41	24.36	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	24.46	24.54	24.52	24.43	24.46	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	24.54	24.53	24.43	24.46	24.48	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	



30MHz	DFT-s-OFDM QPSK	1	1	24.37	24.59	24.62	24.54	24.53	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	24.41	24.55	24.49	24.54	24.43	25.70

N41 PC3 State1				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	22.98	23.08	23.07	22.90	22.94	24.20
		1	137	22.93	22.96	22.88	22.85	22.94	24.20
		1	271	22.92	22.85	22.84	22.88	22.93	24.20
		135	0	22.14	22.06	22.23	22.17	22.19	23.20
		135	69	23.09	23.09	23.03	22.90	22.92	24.20
		135	138	22.19	22.24	22.09	22.08	22.15	23.20
		270	0	22.08	22.23	22.13	22.04	22.16	23.20
	DFT-s-OFDM 16QAM	1	1	21.80	21.84	21.82	21.85	21.83	23.20
	DFT-s-OFDM 64QAM	1	1	20.42	20.46	20.46	20.35	20.45	21.70
	DFT-s-OFDM 256QAM	1	1	18.77	18.75	18.79	18.75	18.90	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	21.66	21.70	21.64	21.63	21.68	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	23.00	23.08	23.17	22.91	22.86	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	23.05	23.02	23.16	22.97	22.84	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	22.97	23.17	23.15	22.99	22.95	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	22.94	23.06	23.14	22.98	23.00	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	22.90	23.17	23.10	22.89	23.01	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	23.03	23.01	23.07	22.93	22.86	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	



30MHz	DFT-s-OFDM QPSK	1	1	23.05	23.02	23.17	22.97	22.90	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	22.92	23.13	22.99	22.97	23.02	24.20

N41 PC3 State3				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM QPSK	1	1	20.42	20.53	20.47	20.47	20.45	21.70
		1	137	20.49	20.39	20.36	20.35	20.41	21.70
		1	271	20.44	20.33	20.36	20.37	20.38	21.70
		135	0	19.62	19.62	19.69	19.69	19.60	20.70
		135	69	20.52	20.56	20.53	20.43	20.46	21.70
		135	138	19.64	19.71	19.61	19.56	19.58	20.70
		270	0	19.63	19.70	19.53	19.51	19.64	20.70
	DFT-s-OFDM 16QAM	1	1	19.24	19.31	19.28	19.45	19.33	20.70
	DFT-s-OFDM 64QAM	1	1	17.85	17.96	17.89	17.81	17.95	19.20
	DFT-s-OFDM 256QAM	1	1	16.22	16.25	16.26	16.30	16.34	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	19.13	19.18	19.12	19.22	19.12	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	20.49	20.58	20.40	20.44	20.42	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	20.50	20.43	20.55	20.44	20.40	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	DFT-s-OFDM QPSK	1	1	20.35	20.44	20.57	20.54	20.52	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	20.34	20.48	20.52	20.43	20.53	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	20.32	20.58	20.52	20.39	20.53	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	20.47	20.60	20.49	20.37	20.54	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	

30MHz	DFT-s-OFDM QPSK	1	1	20.44	20.63	20.42	20.37	20.44	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	20.42	20.51	20.37	20.42	20.54	21.70

N66 State2/4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	24.30	24.26	24.27	25.50
		1	108	24.36	24.34	24.32	25.50
		1	214	24.30	24.29	24.25	25.50
		108	0	23.40	23.44	23.36	24.50
		108	54	24.42	24.38	24.29	25.50
		108	108	23.45	23.42	23.39	24.50
		216	0	23.43	23.41	23.32	24.50
	DFT-s-OFDM 16QAM	1	1	23.10	23.12	23.14	24.50
	DFT-s-OFDM 64QAM	1	1	21.61	21.70	21.62	23.00
	DFT-s-OFDM 256QAM	1	1	20.21	20.29	20.22	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	22.94	22.95	22.92	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	24.39	24.23	24.17	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	24.39	24.35	24.27	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	24.22	24.20	24.32	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	24.40	24.27	24.30	25.50

N66 State1				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	21.30	21.18	21.32	22.50
		1	108	21.34	21.33	21.26	22.50
		1	214	21.32	21.28	21.19	22.50
		108	0	20.37	20.49	20.31	21.50
		108	54	21.45	21.34	21.23	22.50
		108	108	20.44	20.45	20.33	21.50
		216	0	20.44	20.37	20.34	21.50
	DFT-s-OFDM 16QAM	1	1	20.15	20.05	20.13	21.50
	DFT-s-OFDM 64QAM	1	1	18.61	18.62	18.55	20.00
	DFT-s-OFDM 256QAM	1	1	17.16	17.26	17.20	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	19.87	19.96	19.93	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	21.21	21.10	21.26	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	21.23	21.21	21.22	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	21.30	21.19	21.41	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	21.25	21.18	21.32	22.50

N66 State3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM QPSK	1	1	18.75	18.72	18.82	20.00
		1	108	18.87	18.86	18.76	20.00
		1	214	18.75	18.78	18.76	20.00
		108	0	17.89	17.94	17.84	19.00
		108	54	18.86	18.91	18.81	20.00
		108	108	17.91	17.93	17.88	19.00
		216	0	17.95	17.90	17.87	19.00
	DFT-s-OFDM 16QAM	1	1	17.58	17.57	17.59	19.00
	DFT-s-OFDM 64QAM	1	1	16.09	16.23	16.06	17.50
	DFT-s-OFDM 256QAM	1	1	14.76	14.74	14.75	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	17.47	17.40	17.36	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	18.75	18.77	18.82	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	18.75	18.76	18.83	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	18.67	18.70	18.89	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	18.79	18.78	18.80	20.00

6.2 Conducted Power of NR Antenna (Ant1)

N2 State1				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	21.06	21.03	21.00	22.20
		1	53	21.12	21.06	21.13	22.20
		1	104	20.99	20.97	20.98	22.20
		50	0	20.10	20.05	20.05	21.20
		50	28	20.99	21.07	20.99	22.20
		50	56	20.08	20.03	20.12	21.20
		100	0	20.03	20.05	20.00	21.20
	DFT-s-OFDM 16QAM	1	1	19.65	19.75	19.85	21.20
	DFT-s-OFDM 64QAM	1	1	18.31	18.34	18.38	19.70
	DFT-s-OFDM 256QAM	1	1	16.90	16.85	16.83	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	19.58	19.59	19.57	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	21.02	20.99	21.07	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	21.21	21.06	21.23	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	21.06	21.08	21.13	22.20

N2 State2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	14.99	15.04	14.91	16.20
		1	53	15.03	15.07	15.04	16.20
		1	104	14.92	14.92	15.00	16.20
		50	0	14.07	14.04	14.02	15.20
		50	28	14.96	15.03	14.98	16.20
		50	56	13.99	14.04	14.03	15.20
		100	0	14.04	13.98	14.00	15.20
	DFT-s-OFDM 16QAM	1	1	13.59	13.75	13.78	15.20
	DFT-s-OFDM 64QAM	1	1	12.23	12.33	12.40	13.70
	DFT-s-OFDM 256QAM	1	1	10.92	10.84	10.77	11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	13.50	13.59	13.50	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	15.05	15.00	15.02	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	14.97	15.07	14.95	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	15.04	15.15	15.13	16.20

N2 State3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	19.02	19.06	18.99	20.20
		1	53	19.15	19.08	19.07	20.20
		1	104	19.00	18.95	19.00	20.20
		50	0	18.06	17.99	18.06	19.20
		50	28	18.99	19.21	18.99	20.20
		50	56	18.03	18.05	18.13	19.20
		100	0	18.03	18.04	18.00	19.20
	DFT-s-OFDM 16QAM	1	1	17.62	17.78	17.79	19.20
	DFT-s-OFDM 64QAM	1	1	16.35	16.38	16.38	17.70
	DFT-s-OFDM 256QAM	1	1	14.91	14.79	14.79	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	17.57	17.60	17.59	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	19.17	19.01	19.12	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	19.16	19.06	19.01	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	19.05	19.07	19.11	20.20

N2 State4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	17.00	17.01	16.99	18.20
		1	53	17.05	17.06	17.08	18.20
		1	104	17.02	16.93	17.01	18.20
		50	0	16.11	16.04	16.01	17.20
		50	28	16.92	17.11	16.97	18.20
		50	56	16.03	16.05	16.09	17.20
		100	0	16.01	16.06	15.96	17.20
	DFT-s-OFDM 16QAM	1	1	15.63	15.77	15.86	17.20
	DFT-s-OFDM 64QAM	1	1	14.33	14.38	14.32	15.70
	DFT-s-OFDM 256QAM	1	1	12.94	12.87	12.79	13.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	15.59	15.53	15.60	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	17.00	17.12	17.05	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	17.14	17.06	17.04	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	16.95	17.15	17.02	18.20

N5 State1/3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM QPSK	1	1	24.03	24.00	24.03	25.40
		1	53	24.05	24.04	24.03	25.40
		1	104	24.04	24.06	24.08	25.40
		50	0	23.01	23.09	23.17	24.40
		50	28	24.02	24.09	24.00	25.40
		50	56	22.98	23.04	22.96	24.40
		100	0	23.06	23.05	23.10	24.40
	DFT-s-OFDM 16QAM	1	1	22.82	22.76	22.81	24.40
	DFT-s-OFDM 64QAM	1	1	21.38	21.29	21.39	22.90
	DFT-s-OFDM 256QAM	1	1	19.97	19.91	19.96	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	22.63	22.56	22.66	23.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	24.11	24.05	24.06	25.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	24.06	24.09	24.00	25.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	24.02	23.99	24.01	25.40