

7.2 Conducted Power of LTE Uplink CA (Ant14)

Combinati on	Modulati on	PCC					SCC					DSI2/3		DSI4		DSI5/6		DSI7	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Power	Tune- up(dB m)	Power	Tune- up(dB m)	Power	Tune- up(dB m)	Power	Tune- up(dB m)
CA_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	14.3 9	16.30	20.3 8	22.30	18.9 2	20.80	21.3 8	23.30
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	14.3 8	16.30	20.3 6	22.30	18.9 4	20.80	21.3 9	23.30
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	14.4 5	16.30	20.4 1	22.30	18.9 9	20.80	21.4 2	23.30
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	14.3 4	16.30	20.3 4	22.30	18.8 8	20.80	21.4	23.30

Combinati on	Modulati on	PCC					SCC					DSI2/3		DSI4		DSI5/6		DSI7	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Power	Tune- up(dB m)	Power	Tune- up(dB m)	Power	Tune- up(dB m)	Power	Tune- up(dB m)
CA_38C	QPSK	38	20	37850	1	0	38	20	38048	0	0	17.2 3	18.80	22.1 6	23.80	21.7 2	23.30	23.0 4	24.80
CA_38C	QPSK	38	20	37901	1	0	38	20	38099	0	0	17.2 4	18.80	22.1 9	23.80	21.7 8	23.30	23.0 2	24.80
CA_38C	QPSK	38	20	38099	1	0	38	20	37901	0	0	17.2 9	18.80	22.1 5	23.80	21.6 7	23.30	23.0 5	24.80
CA_38C	QPSK	38	20	38150	1	0	38	20	37952	0	0	17.3 1	18.80	22.2	23.80	21.7 7	23.30	23	24.80

Combinati on	Modulati on	PCC					SCC					DSI2/3		DSI4		DSI5/6		DSI7	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Power	Tune- up(dB m)	Power	Tune- up(dB m)	Power	Tune- up(dB m)	Power	Tune- up(dB m)
CA_41C	QPSK	41	20	39750	1	0	41	20	39948	0	0	17.2 2	18.80	22.3	23.80	21.7 4	23.30	23.0 5	24.80
CA_41C	QPSK	41	20	40185	1	0	41	20	40383	0	0	17.2 5	18.80	22.3 4	23.80	21.8 8	23.30	23.1	24.80
CA_41C	QPSK	41	20	40620	1	0	41	20	40818	0	0	17.2 4	18.80	22.4 1	23.80	21.8 2	23.30	23.0 5	24.80
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	0	0	17.3	18.80	22.3 5	23.80	21.7 8	23.30	23.0 9	24.80
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	0	0	17.2 1	18.80	22.3	23.80	21.7 5	23.30	23.0 2	24.80
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	0	0	17.3 5	18.80	22.3 1	23.80	21.7 7	23.30	23.0 4	24.80

Combinati on	Modulati on	PCC					SCC					DSI2/3		DSI4		DSI5/6		DSI7	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Power	Tune- up(dB m)	Power	Tune- up(dB m)	Power	Tune- up(dB m)	Power	Tune- up(dB m)
CA_66C	QPSK	66	20	13207 2	1	0	66	20	13227 0	0	0	15.3 8	17.30	19.8 9	21.80	18.4 8	20.30	22.3 6	24.30
CA_66C	QPSK	66	20	13232 2	1	0	66	20	13252 0	0	0	15.4 4	17.30	19.8 8	21.80	18.5 5	20.30	22.5	24.30
CA_66C	QPSK	66	20	13232 2	1	0	66	20	13212 4	0	0	15.3 6	17.30	19.9 2	21.80	18.5 1	20.30	22.4 5	24.30
CA_66C	QPSK	66	20	13257 2	1	0	66	20	13237 4	0	0	15.3 9	17.30	19.9 5	21.80	18.5	20.30	22.5 5	24.30

7.3 Conducted Power of LTE Uplink CA (Ant24)

Combination	Modulation	PCC					SCC					DSI2/3		DSI4/7		DSI5/6	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	0	38	20	38048	0	0	16.66	18.00	20.50	22.00	19.55	21.00
CA_38C	QPSK	38	20	37901	1	0	38	20	38099	0	0	16.69	18.00	20.61	22.00	19.52	21.00
CA_38C	QPSK	38	20	38099	1	0	38	20	37901	0	0	16.71	18.00	20.62	22.00	19.49	21.00
CA_38C	QPSK	38	20	38150	1	0	38	20	37952	0	0	16.77	18.00	20.55	22.00	19.59	21.00

Combination	Modulation	PCC					SCC					DSI2/3		DSI4/7		DSI5/6	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	0	41	20	39948	0	0	17.12	18.00	21.15	22.00	20.07	21.00
CA_41C	QPSK	41	20	40185	1	0	41	20	40383	0	0	17.09	18.00	21.2	22.00	20.11	21.00
CA_41C	QPSK	41	20	40620	1	0	41	20	40818	0	0	17.05	18.00	21.18	22.00	20.12	21.00
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	0	0	17.15	18.00	21.14	22.00	20.15	21.00
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	0	0	17.11	18.00	21.19	22.00	20.09	21.00
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	0	0	17.08	18.00	21.22	22.00	20.08	21.00

7.4 Conducted Power of LTE Uplink CA (Ant41)

Combination	Modulation	PCC					SCC					DSI2/3		DSI4/7		DSI5/6	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	23.36	24.70	20.05	21.20	19.12	20.20
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	23.35	24.70	20.04	21.20	19.23	20.20
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	23.4	24.70	20.1	21.20	19.24	20.20
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	23.34	24.70	20.08	21.20	19.19	20.20

Combination	Modulation	PCC					SCC					DSI2/3		DSI4/7		DSI5/6	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	0	38	20	38048	0	0	23.89	24.70	22.62	23.20	21.73	22.20
CA_38C	QPSK	38	20	37901	1	0	38	20	38099	0	0	23.88	24.70	22.66	23.20	21.76	22.20
CA_38C	QPSK	38	20	38099	1	0	38	20	37901	0	0	23.8	24.70	22.71	23.20	21.82	22.20
CA_38C	QPSK	38	20	38150	1	0	38	20	37952	0	0	23.95	24.70	22.75	23.20	21.75	22.20

Combination	Modulation	PCC					SCC					DSI2/3		DSI4/7		DSI5/6	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	0	41	20	39948	0	0	23.81	24.70	22.59	23.20	21.02	21.70
CA_41C	QPSK	41	20	40185	1	0	41	20	40383	0	0	23.88	24.70	22.6	23.20	21.1	21.70
CA_41C	QPSK	41	20	40620	1	0	41	20	40818	0	0	23.79	24.70	22.64	23.20	21.06	21.70
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	0	0	23.88	24.70	22.7	23.20	21.08	21.70
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	0	0	23.86	24.70	22.65	23.20	21.04	21.70
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	0	0	23.95	24.70	22.62	23.20	21.05	21.70

Combination	Modulation	PCC					SCC					DSI2/3		DSI4/7		DSI5/6	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_66C	QPSK	66	20	132072	1	99	66	20	132270	1	0	22.82	24.20	20.94	22.20	20.00	21.20
CA_66C	QPSK	66	20	132322	1	99	66	20	132520	1	0	22.89	24.20	21.07	22.20	20.07	21.20
CA_66C	QPSK	66	20	132322	1	0	66	20	132124	1	99	22.88	24.20	21	22.20	19.82	21.20
CA_66C	QPSK	66	20	132572	1	0	66	20	132374	1	99	22.84	24.20	20.96	22.20	19.96	21.20

8 Conducted Power of Intra Band LTE Downlink CA

8.1 Conducted Power of LTE Downlink CA (Ant11)

DL LTE CA Class DSI2/3	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_2A-26A	Band 26	15M	821.5	26765	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.79	23.85	25.00
	Band 26	15M	831.5	26865	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.76	23.85	25.00
	Band 26	15M	841.5	26965	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.85	23.93	25.00
CA_4A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	21.31	21.44	22.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	21.29	21.36	22.50
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	21.39	21.44	22.50
CA_7A-26A	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.79	23.92	25.00
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.80	23.91	25.00
CA_2A-4A-5A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	21.27	21.39	22.50
CA_2A-5A-7A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	21.23	21.38	22.50
CA_2A-5A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	/	/	21.29	21.36	22.50
CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	/	/	21.22	21.37	22.50
CA_4A-4A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	21.32	21.41	22.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	21.28	21.40	22.50
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	21.29	21.36	22.50
CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	/	/	21.34	21.45	22.50
CA_5A-7A-7C	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.33	21.38	22.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.33	21.41	22.50
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.26	21.35	22.50
CA_5A-66A-66C	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	Band 66	20M	Band 66	20M	/	/	21.31	21.45	22.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	Band 66	20M	Band 66	20M	/	/	21.37	21.42	22.50
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	Band 66	20M	Band 66	20M	/	/	21.27	21.39	22.50
CA_5A-7A-7C-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 66	20M	Band 7	20M	Band 7	20M	21.28	21.39	22.50

DL LTE CA Class DSI4/7	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_2A-26A	Band 26	15M	821.5	26765	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.77	22.85	24.00
	Band 26	15M	831.5	26865	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.79	22.92	24.00
	Band 26	15M	841.5	26965	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.83	22.89	24.00
CA_4A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	22.21	22.35	23.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	22.29	22.37	23.50
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	22.39	22.45	23.50
CA_7A-26A	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.72	22.87	24.00

	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.84	22.95	24.00
CA_2A-4A-5A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	22.32	22.37	23.50
CA_2A-5A-7A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	22.30	22.35	23.50
CA_2A-5A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	/	/	22.28	22.39	23.50
CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	/	/	22.33	22.41	23.50
CA_4A-4A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	22.31	22.37	23.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	22.29	22.41	23.50
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	22.22	22.35	23.50
CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	/	/	22.30	22.41	23.50
CA_5A-7A-7C	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	22.30	22.40	23.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	22.30	22.37	23.50
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	22.29	22.37	23.50
CA_5A-66A-66C	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	Band 66	20M	Band 66	20M	/	/	22.28	22.40	23.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	Band 66	20M	Band 66	20M	/	/	22.29	22.44	23.50
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	Band 66	20M	Band 66	20M	/	/	22.39	22.45	23.50
CA_5A-7A-7C-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 66	20M	Band 7	20M	Band 7	20M	22.27	22.42	23.50

DL LTE CA Class DSI5/6	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_2A-26A	Band 26	15M	821.5	26765	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	21.30	21.36	22.50
	Band 26	15M	831.5	26865	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	21.29	21.38	22.50
	Band 26	15M	841.5	26965	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	21.27	21.42	22.50
CA_4A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	20.81	20.89	22.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	20.81	20.86	22.00
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	20.82	20.95	22.00
CA_7A-26A	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	21.24	21.36	22.50
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	21.29	21.40	22.50
CA_2A-4A-5A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	20.83	20.91	22.00
CA_2A-5A-7A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	20.73	20.88	22.00
CA_2A-5A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	/	/	20.76	20.89	22.00
CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	/	/	20.80	20.91	22.00
CA_4A-4A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	20.80	20.87	22.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	20.81	20.92	22.00
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	20.81	20.92	22.00
CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	/	/	20.78	20.86	22.00
CA_5A-7A-7C	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.81	20.88	22.00

	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.81	20.89	22.00
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.75	20.86	22.00
CA_5A-66A-66C	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	Band 66	20M	Band 66	20M	/	/	20.78	20.91	22.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	Band 66	20M	Band 66	20M	/	/	20.80	20.90	22.00
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	Band 66	20M	Band 66	20M	/	/	20.85	20.92	22.00
CA_5A-7A-7C-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 66	20M	Band 7	20M	Band 7	20M	20.75	20.85	22.00

8.2 Conducted Power of LTE Downlink CA (Ant12)

DL LTE CA Class DSI2/3	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	18.80	18.91	20.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	18.80	18.93	20.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	18.78	18.91	20.00
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	18.77	18.86	20.00
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	18.72	18.87	20.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	18.79	18.90	20.00
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.34	19.41	20.50
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.34	19.45	20.50
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.25	19.35	20.50
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.36	19.41	20.50
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.30	19.45	20.50
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.78	20.90	22.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.78	20.88	22.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.80	20.85	22.00
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.89	19.95	21.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.73	19.88	21.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.88	19.94	21.00
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.25	21.36	22.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.37	21.45	22.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.30	21.43	22.50
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	18.75	18.85	20.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	18.88	18.94	20.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	18.86	18.94	20.00
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 5	10M	/	/	/	/	19.84	19.89	21.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	Band 2	20M	/	/	/	/	21.37	21.44	22.50
CA_2A-4A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 7	20M	/	/	/	/	19.85	19.95	21.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 2	20M	/	/	/	/	21.32	21.37	22.50

	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	18.89	18.94	20.00
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	19.75	19.89	21.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 5	10M	/	/	/	/	18.84	18.94	20.00
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	Band 66	20M	/	/	/	/	19.82	19.87	21.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 5	10M	/	/	/	/	20.89	20.94	22.00
CA_2A-7A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	/	/	19.82	19.88	21.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	/	/	18.76	18.89	20.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	/	/	20.82	20.91	22.00
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	/	/	18.87	18.92	20.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	20.76	20.91	22.00
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	21.35	21.41	22.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	21.33	21.38	22.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	21.28	21.37	22.50
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	21.37	21.43	22.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	21.22	21.35	22.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	21.36	21.41	22.50
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	18.83	18.94	20.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	18.90	18.95	20.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	18.77	18.90	20.00
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	/	/	18.84	18.93	20.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	20.82	20.90	22.00
CA_7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	18.74	18.87	20.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	18.80	18.88	20.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	18.72	18.86	20.00
CA_41A-41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	19.29	19.36	20.50
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	19.32	19.42	20.50
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	19.36	19.42	20.50
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	19.28	19.41	20.50
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	19.35	19.43	20.50
CA_2A-7A-7C	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	19.88	19.94	21.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	19.76	19.88	21.00
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	19.81	19.95	21.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	18.79	18.87	20.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	18.85	18.93	20.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	18.78	18.89	20.00
CA_4A-7A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.28	21.43	22.50

	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.38	21.43	22.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.39	21.44	22.50
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	18.79	18.86	20.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	18.78	18.92	20.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	18.78	18.88	20.00
CA_5A-7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	18.80	18.86	20.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	18.75	18.88	20.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	18.76	18.91	20.00
CA_5A-66A-66C	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	20.74	20.89	22.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	20.83	20.91	22.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	20.81	20.86	22.00
CA_7A-7C-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	18.79	18.92	20.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	18.78	18.85	20.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	18.88	18.94	20.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.84	20.92	22.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.77	20.92	22.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.73	20.87	22.00
CA_5A-7A-7C-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	Band 7	20M	Band 7	20M	18.85	18.95	20.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	Band 7	20M	20.79	20.86	22.00

DL LTE CA Class DSI4/7	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.74	20.89	22.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.82	20.90	22.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.82	20.90	22.00
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.82	23.87	25.00
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.82	23.90	25.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.86	23.95	25.00
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.87	23.92	25.00
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.86	23.94	25.00
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.83	23.93	25.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.79	23.88	25.00
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.77	23.86	25.00
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	21.34	21.42	22.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	21.29	21.41	22.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	21.29	21.39	22.50

CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.34	22.45	23.50
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.22	22.37	23.50
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.34	22.43	23.50
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.78	21.88	23.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.83	21.90	23.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.73	21.88	23.00
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.79	20.94	22.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.84	20.94	22.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.78	20.90	22.00
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 5	10M	/	/	/	/	22.27	22.36	23.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	Band 2	20M	/	/	/	/	21.81	21.88	23.00
CA_2A-4A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 7	20M	/	/	/	/	22.29	22.43	23.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 2	20M	/	/	/	/	21.81	21.93	23.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	20.77	20.92	22.00
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	22.34	22.44	23.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 5	10M	/	/	/	/	20.73	20.87	22.00
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	Band 66	20M	/	/	/	/	22.30	22.37	23.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 5	10M	/	/	/	/	21.36	21.42	22.50
CA_2A-7A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	/	/	22.27	22.40	23.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	/	/	20.73	20.87	22.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	/	/	21.39	21.45	22.50
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	/	/	20.77	20.89	22.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	21.27	21.37	22.50
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	21.80	21.93	23.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	21.75	21.90	23.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	21.75	21.86	23.00
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	21.90	21.95	23.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	21.83	21.94	23.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	21.78	21.87	23.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	20.74	20.85	22.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	20.81	20.88	22.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	20.80	20.89	22.00
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	/	/	20.80	20.93	22.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	21.33	21.39	22.50
CA_7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	20.77	20.85	22.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	20.87	20.94	22.00

	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	20.81	20.93	22.00
CA_41A-41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	23.76	23.88	25.00
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	23.78	23.91	25.00
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	23.82	23.91	25.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	23.77	23.92	25.00
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	23.86	23.95	25.00
CA_2A-7A-7C	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	22.37	22.44	23.50
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	22.36	22.42	23.50
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	22.29	22.44	23.50
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	20.79	20.87	22.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	20.85	20.92	22.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	20.80	20.89	22.00
CA_4A-7A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.78	21.87	23.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.78	21.85	23.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.74	21.88	23.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	20.75	20.90	22.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	20.77	20.86	22.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	20.76	20.89	22.00
CA_5A-7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	20.79	20.94	22.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	20.75	20.86	22.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	20.72	20.87	22.00
CA_5A-66A-66C	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	21.38	21.45	22.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	21.37	21.44	22.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	21.30	21.38	22.50
CA_7A-7C-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	20.86	20.91	22.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	20.76	20.85	22.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	20.80	20.87	22.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.26	21.38	22.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.32	21.38	22.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.28	21.39	22.50
CA_5A-7A-7C-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	Band 7	20M	Band 7	20M	20.83	20.95	22.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	Band 7	20M	21.27	21.37	22.50

8.3 Conducted Power of LTE Downlink CA (Ant14)

DL LTE CA Class DSI2/3	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	15.05	15.20	16.30

	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	15.05	15.15	16.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	15.20	15.25	16.30
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	17.63	17.69	18.80
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	17.61	17.71	18.80
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	17.65	17.74	18.80
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	17.63	17.69	18.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	17.69	17.75	18.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	17.55	17.67	18.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	17.64	17.75	18.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	17.52	17.66	18.80
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	16.16	16.24	17.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	16.13	16.18	17.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	16.06	16.19	17.30
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	17.06	17.20	18.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	17.15	17.25	18.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	17.11	17.25	18.30
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	16.63	16.74	17.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	16.51	16.66	17.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	16.67	16.74	17.80
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	15.11	15.21	16.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	15.15	15.25	16.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	15.12	15.17	16.30
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 5	10M	/	/	/	/	17.16	17.24	18.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	Band 2	20M	/	/	/	/	16.65	16.70	17.80
CA_2A-4A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 7	20M	/	/	/	/	17.11	17.17	18.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 2	20M	/	/	/	/	16.67	16.72	17.80
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	15.13	15.20	16.30
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	17.10	17.19	18.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 5	10M	/	/	/	/	16.68	16.74	17.80
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	Band 66	20M	/	/	/	/	17.08	17.18	18.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 5	10M	/	/	/	/	16.10	16.24	17.30
CA_2A-7A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	/	/	17.17	17.23	18.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	/	/	15.16	15.22	16.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	/	/	16.10	16.23	17.30
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	/	/	15.08	15.17	16.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	16.13	16.23	17.30

CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	16.55	16.66	17.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	16.59	16.70	17.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	16.59	16.65	17.80
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	16.60	16.65	17.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	16.61	16.71	17.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	16.55	16.67	17.80
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	15.11	15.16	16.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	15.11	15.17	16.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	15.07	15.18	16.30
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	/	/	15.07	15.19	16.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	16.15	16.22	17.30
CA_7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	15.09	15.19	16.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	15.13	15.18	16.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	15.12	15.19	16.30
CA_41A-41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	17.60	17.66	18.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	17.53	17.66	18.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	17.63	17.74	18.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	17.66	17.74	18.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	17.55	17.68	18.80
CA_2A-7A-7C	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	17.18	17.23	18.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	17.00	17.15	18.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	17.15	17.22	18.30
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	15.15	15.25	16.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	15.16	15.23	16.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	15.02	15.16	16.30
CA_4A-7A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	16.69	16.74	17.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	16.63	16.72	17.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	16.66	16.74	17.80
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	15.06	15.21	16.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	15.07	15.20	16.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	15.17	15.23	16.30
CA_5A-7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	15.14	15.22	16.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	15.16	15.25	16.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	15.10	15.22	16.30
CA_5A-66A-66C	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	16.05	16.19	17.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	16.14	16.24	17.30

	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	16.11	16.23	17.30
CA_7A-7C-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	15.14	15.22	16.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	15.04	15.19	16.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	15.06	15.19	16.30
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	16.09	16.15	17.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	16.13	16.19	17.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	16.12	16.18	17.30
CA_5A-7A-7C-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	Band 7	20M	Band 7	20M	15.14	15.23	16.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	Band 7	20M	16.11	16.18	17.30

DL LTE CA Class DSI4/7	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.59	22.65	23.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.64	22.71	23.80
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.61	22.69	23.80
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 5	10M	/	/	/	/	22.57	22.68	23.80
CA_2A-4A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 7	20M	/	/	/	/	22.61	22.70	23.80
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	22.68	22.73	23.80
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	Band 66	20M	/	/	/	/	22.67	22.75	23.80
CA_2A-7A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	/	/	22.64	22.73	23.80
CA_2A-7A-7C	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	22.69	22.75	23.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	22.54	22.65	23.80
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	22.60	22.75	23.80

DL LTE CA Class DSI4	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	21.07	21.18	22.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	21.12	21.17	22.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	21.13	21.24	22.30
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.67	22.72	23.80
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.60	22.67	23.80
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.68	22.73	23.80
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.63	22.69	23.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.54	22.65	23.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.58	22.73	23.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.64	22.69	23.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.54	22.66	23.80

CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.56	20.67	21.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.56	20.66	21.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.60	20.72	21.80
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.10	21.25	22.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.12	21.22	22.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.13	21.19	22.30
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	21.09	21.16	22.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	21.15	21.23	22.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	21.14	21.21	22.30
CA_2A-4A-5A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	Band 2	20M	/	/	/	/	21.18	21.23	22.30
CA_2A-4A-7A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 2	20M	/	/	/	/	21.12	21.18	22.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	21.12	21.20	22.30
CA_2A-5A-7A	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 5	10M	/	/	/	/	21.09	21.22	22.30
CA_2A-5A-66A	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 5	10M	/	/	/	/	20.61	20.74	21.80
CA_2A-4A-5A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	/	/	21.12	21.19	22.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	/	/	20.55	20.68	21.80
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	/	/	21.06	21.19	22.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	20.68	20.73	21.80
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	21.15	21.20	22.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	21.08	21.16	22.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	21.19	21.24	22.30
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	21.12	21.24	22.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	21.09	21.21	22.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	21.12	21.20	22.30
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	21.02	21.16	22.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	21.07	21.18	22.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	21.15	21.20	22.30
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	/	/	21.16	21.21	22.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	20.56	20.70	21.80
CA_7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	21.13	21.24	22.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	21.14	21.20	22.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	21.07	21.17	22.30
CA_41A-41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	22.64	22.75	23.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	22.60	22.68	23.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	22.59	22.65	23.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	22.63	22.72	23.80

	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	22.64	22.72	23.80
CA_2A-7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	21.11	21.18	22.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	21.01	21.16	22.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	21.11	21.21	22.30
CA_4A-7A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.10	21.24	22.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.16	21.25	22.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.02	21.16	22.30
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	21.08	21.16	22.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	21.08	21.22	22.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	21.07	21.22	22.30
CA_5A-7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	21.12	21.20	22.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	21.09	21.17	22.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	21.20	21.25	22.30
CA_5A-66A-66C	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	20.59	20.67	21.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	20.57	20.66	21.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	20.57	20.70	21.80
CA_7A-7C-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	21.09	21.16	22.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	21.13	21.21	22.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	21.12	21.22	22.30
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.58	20.65	21.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.63	20.71	21.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.53	20.68	21.80
CA_5A-7A-7C-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	Band 7	20M	Band 7	20M	21.08	21.16	22.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	Band 7	20M	20.59	20.74	21.80

DL LTE CA Class DSI7	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.11	22.19	23.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.14	22.20	23.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.06	22.18	23.30
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.66	23.71	24.80
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.68	23.75	24.80
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.60	23.73	24.80
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.57	23.65	24.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.68	23.75	24.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.61	23.67	24.80

	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.62	23.74	24.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.61	23.73	24.80
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	23.07	23.21	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	23.13	23.23	24.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	23.15	23.24	24.30
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	23.59	23.65	24.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	23.60	23.75	24.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	23.54	23.67	24.80
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.07	22.21	23.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.10	22.23	23.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.17	22.22	23.30
CA_2A-4A-5A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	Band 2	20M	/	/	/	/	23.67	23.72	24.80
CA_2A-4A-7A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 2	20M	/	/	/	/	23.67	23.74	24.80
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	22.14	22.21	23.30
CA_2A-5A-7A	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 5	10M	/	/	/	/	22.16	22.22	23.30
CA_2A-5A-66A	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 5	10M	/	/	/	/	23.08	23.21	24.30
CA_2A-4A-5A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	/	/	22.03	22.16	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	/	/	23.13	23.20	24.30
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	/	/	22.03	22.17	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	23.12	23.25	24.30
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	23.61	23.68	24.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	23.61	23.66	24.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	23.60	23.69	24.80
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	23.62	23.73	24.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	23.57	23.67	24.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	23.63	23.68	24.80
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	22.08	22.23	23.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	22.09	22.21	23.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	22.12	22.22	23.30
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	/	/	22.12	22.20	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	23.11	23.17	24.30
CA_7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	22.03	22.18	23.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	22.11	22.22	23.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	22.07	22.16	23.30
CA_41A-41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	23.55	23.68	24.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	23.67	23.75	24.80

	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	23.62	23.71	24.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	23.56	23.67	24.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	23.63	23.72	24.80
CA_2A-7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	22.15	22.20	23.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	22.09	22.20	23.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	22.15	22.24	23.30
CA_4A-7A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	23.60	23.70	24.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	23.55	23.66	24.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	23.58	23.67	24.80
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	22.16	22.22	23.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	22.09	22.17	23.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	22.08	22.21	23.30
CA_5A-7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	22.20	22.25	23.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	22.08	22.23	23.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	22.08	22.17	23.30
CA_5A-66A-66C	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	23.13	23.24	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	23.14	23.23	24.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	23.03	23.18	24.30
CA_7A-7C-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	22.14	22.19	23.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	22.19	22.24	23.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	22.06	22.15	23.30
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	23.12	23.19	24.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	23.05	23.20	24.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	23.07	23.18	24.30
CA_5A-7A-7C-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	Band 7	20M	Band 7	20M	22.10	22.22	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	Band 7	20M	23.09	23.21	24.30

DL LTE CA Class DSI5/6	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.54	19.65	20.80
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.68	19.73	20.80
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.63	19.73	20.80
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.05	22.16	23.30
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.04	22.18	23.30
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.15	22.23	23.30
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.06	22.17	23.30

	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.04	22.18	23.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.15	22.21	23.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.10	22.25	23.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.13	22.23	23.30
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.07	19.22	20.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.07	19.15	20.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.09	19.23	20.30
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.16	22.22	23.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.12	22.22	23.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.14	22.25	23.30
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.15	20.24	21.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.14	20.20	21.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.16	20.24	21.30
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.69	19.74	20.80
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.67	19.74	20.80
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.56	19.71	20.80
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 5	10M	/	/	/	/	22.10	22.18	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	Band 2	20M	/	/	/	/	20.07	20.17	21.30
CA_2A-4A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 7	20M	/	/	/	/	22.09	22.22	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 2	20M	/	/	/	/	20.12	20.17	21.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	19.58	19.67	20.80
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	22.12	22.17	23.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 5	10M	/	/	/	/	19.65	19.75	20.80
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	Band 66	20M	/	/	/	/	22.12	22.20	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 5	10M	/	/	/	/	19.18	19.25	20.30
CA_2A-7A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	/	/	22.14	22.19	23.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	/	/	19.58	19.69	20.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	/	/	19.14	19.21	20.30
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	/	/	19.67	19.73	20.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	19.15	19.25	20.30
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	20.16	20.22	21.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	20.05	20.16	21.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	20.17	20.23	21.30
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	20.11	20.22	21.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	20.16	20.24	21.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	20.14	20.25	21.30

	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	19.65	19.72	20.80
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	19.57	19.68	20.80
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	19.60	19.70	20.80
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	/	/	19.56	19.66	20.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	19.12	19.23	20.30
CA_7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	19.65	19.70	20.80
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	19.56	19.68	20.80
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	19.63	19.68	20.80
CA_41A-41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	22.11	22.19	23.30
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	22.07	22.21	23.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	22.09	22.24	23.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	22.09	22.22	23.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	22.06	22.17	23.30
CA_2A-7A-7C	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	22.12	22.20	23.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	22.09	22.24	23.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	22.06	22.18	23.30
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	19.57	19.69	20.80
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	19.57	19.72	20.80
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	19.63	19.68	20.80
CA_4A-7A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.03	20.18	21.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.07	20.21	21.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.18	20.25	21.30
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	19.66	19.71	20.80
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	19.56	19.66	20.80
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	19.57	19.72	20.80
CA_5A-7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	19.70	19.75	20.80
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	19.62	19.69	20.80
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	19.63	19.71	20.80
CA_5A-66A-66C	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	19.15	19.22	20.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	19.14	19.20	20.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	19.12	19.19	20.30
CA_7A-7C-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	19.53	19.67	20.80
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	19.64	19.73	20.80
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	19.61	19.67	20.80
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	19.10	19.23	20.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	19.20	19.25	20.30

	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	19.13	19.18	20.30
CA_5A-7A-7C-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	Band 7	20M	Band 7	20M	19.66	19.71	20.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	Band 7	20M	19.07	19.15	20.30

8.4 Conducted Power of LTE Downlink CA (Ant24)

DL LTE CA Class DSI2/3	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	16.71	16.86	18.00
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	16.85	16.94	18.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	16.81	16.90	18.00
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	16.79	16.91	18.00
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	16.74	16.88	18.00
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	16.84	16.91	18.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	16.83	16.94	18.00
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	16.89	16.95	18.00
CA_41A-41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	16.82	16.92	18.00
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	16.80	16.87	18.00
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	16.81	16.94	18.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	16.75	16.87	18.00
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	16.76	16.91	18.00

DL LTE CA Class DSI4/7	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.80	20.89	22.00
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.82	20.93	22.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.81	20.93	22.00
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.87	20.93	22.00
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.89	20.94	22.00
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.76	20.85	22.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.80	20.93	22.00
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.80	20.93	22.00
CA_41A-41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	20.78	20.89	22.00
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	20.80	20.87	22.00
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	20.75	20.87	22.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	20.88	20.94	22.00
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	20.87	20.93	22.00

DL LTE CA Class DSI5/6	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.86	19.94	21.00
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.83	19.95	21.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.76	19.89	21.00
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.85	19.93	21.00
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.85	19.95	21.00
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.81	19.91	21.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.75	19.85	21.00
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.87	19.94	21.00
CA_41A-41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	19.80	19.87	21.00
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	19.79	19.86	21.00
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	19.75	19.86	21.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	19.82	19.91	21.00
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	19.78	19.86	21.00

8.5 Conducted Power of LTE Downlink CA (Ant31)

DL LTE CA Class DSI2/3/4/7	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_2A-26A	Band 26	15M	821.5	26765	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.51	23.58	24.70
	Band 26	15M	831.5	26865	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.46	23.56	24.70
	Band 26	15M	841.5	26965	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.42	23.57	24.70
CA_4A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	23.57	23.65	24.70
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	23.42	23.56	24.70
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	23.59	23.64	24.70
CA_7A-26A	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.48	23.59	24.70
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.55	23.60	24.70
CA_2A-4A-5A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	23.42	23.57	24.70
CA_2A-5A-7A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	23.44	23.57	24.70
CA_2A-5A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	/	/	23.44	23.57	24.70
CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	/	/	23.45	23.57	24.70
CA_4A-4A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	23.50	23.60	24.70
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	23.48	23.62	24.70
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	23.47	23.55	24.70
CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	/	/	23.57	23.62	24.70
CA_5A-7A-7C	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	23.59	23.65	24.70
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	23.52	23.60	24.70
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	23.57	23.62	24.70

CA_5A-66A-66C	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	Band 66	20M	Band 66	20M	/	/	23.50	23.56	24.70
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	Band 66	20M	Band 66	20M	/	/	23.52	23.64	24.70
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	Band 66	20M	Band 66	20M	/	/	23.43	23.55	24.70
CA_5A-7A-7C-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 66	20M	Band 7	20M	Band 7	20M	23.51	23.57	24.70

DL LTE CA Class DSI5/6	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_2A-26A	Band 26	15M	821.5	26765	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.44	22.56	23.70
	Band 26	15M	831.5	26865	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.48	22.56	23.70
	Band 26	15M	841.5	26965	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.47	22.61	23.70
CA_4A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	22.98	23.09	24.20
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	23.05	23.14	24.20
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	23.00	23.13	24.20
CA_7A-26A	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.52	22.60	23.70
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.59	22.64	23.70
CA_2A-4A-5A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	22.98	23.06	24.20
CA_2A-5A-7A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	23.05	23.15	24.20
CA_2A-5A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	/	/	22.96	23.10	24.20
CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	/	/	22.92	23.06	24.20
CA_4A-4A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	23.00	23.11	24.20
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	23.00	23.10	24.20
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	22.93	23.07	24.20
CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	/	/	23.00	23.11	24.20
CA_5A-7A-7C	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	22.91	23.06	24.20
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	22.96	23.05	24.20
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	22.96	23.08	24.20
CA_5A-66A-66C	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	Band 66	20M	Band 66	20M	/	/	23.01	23.13	24.20
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	Band 66	20M	Band 66	20M	/	/	23.00	23.05	24.20
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	Band 66	20M	Band 66	20M	/	/	23.02	23.13	24.20
CA_5A-7A-7C-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 66	20M	Band 7	20M	Band 7	20M	22.97	23.06	24.20

8.6 Conducted Power of LTE Downlink CA (Ant41)

DL LTE CA Class DSI2/3	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.49	23.55	24.70
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.44	23.58	24.70
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.47	23.61	24.70

CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.52	23.63	24.70
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.50	23.63	24.70
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.43	23.55	24.70
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.48	23.59	24.70
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.44	23.57	24.70
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.46	23.58	24.70
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.50	23.56	24.70
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.51	23.61	24.70
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.98	23.11	24.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	23.00	23.07	24.20
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	23.07	23.13	24.20
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.50	22.57	23.70
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.45	22.60	23.70
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.46	22.58	23.70
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	23.53	23.64	24.70
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	23.50	23.65	24.70
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	23.48	23.60	24.70
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	23.57	23.65	24.70
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	23.48	23.58	24.70
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	23.48	23.57	24.70
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 5	10M	/	/	/	/	22.57	22.64	23.70
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	Band 2	20M	/	/	/	/	23.42	23.55	24.70
CA_2A-4A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 7	20M	/	/	/	/	22.48	22.56	23.70
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 2	20M	/	/	/	/	23.48	23.61	24.70
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	23.54	23.61	24.70
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	22.55	22.63	23.70
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 5	10M	/	/	/	/	23.50	23.58	24.70
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	Band 66	20M	/	/	/	/	22.52	22.63	23.70
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 5	10M	/	/	/	/	23.00	23.08	24.20
CA_2A-7A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	/	/	22.52	22.58	23.70
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	/	/	23.59	23.65	24.70
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	/	/	23.04	23.09	24.20
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	/	/	23.41	23.56	24.70
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	22.97	23.05	24.20
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	23.50	23.61	24.70
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	23.56	23.61	24.70

	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	23.51	23.62	24.70
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	23.51	23.64	24.70
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	23.49	23.55	24.70
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	23.47	23.59	24.70
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	23.59	23.64	24.70
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	23.50	23.59	24.70
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	23.52	23.64	24.70
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	/	/	23.55	23.63	24.70
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	23.06	23.13	24.20
CA_7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	23.50	23.64	24.70
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	23.44	23.55	24.70
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	23.47	23.58	24.70
CA_41A-41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	23.47	23.56	24.70
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	23.49	23.61	24.70
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	23.47	23.56	24.70
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	23.49	23.64	24.70
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	23.47	23.59	24.70
CA_2A-7A-7C	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	22.49	22.61	23.70
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	22.47	22.56	23.70
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	22.58	22.63	23.70
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	23.43	23.56	24.70
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	23.50	23.61	24.70
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	23.47	23.56	24.70
CA_4A-7A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	23.49	23.55	24.70
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	23.47	23.61	24.70
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	23.49	23.62	24.70
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	23.52	23.58	24.70
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	23.52	23.64	24.70
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	23.45	23.59	24.70
CA_5A-7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	23.46	23.55	24.70
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	23.48	23.59	24.70
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	23.50	23.62	24.70
CA_5A-66A-66C	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	23.05	23.14	24.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	23.02	23.09	24.20
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	23.02	23.09	24.20
CA_7A-7C-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	23.46	23.56	24.70

	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	23.55	23.63	24.70
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	23.53	23.65	24.70
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	23.01	23.14	24.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	23.02	23.12	24.20
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	23.05	23.12	24.20
CA_5A-7A-7C-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	Band 7	20M	Band 7	20M	23.49	23.59	24.70
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	Band 7	20M	23.01	23.15	24.20

DL LTE CA Class DSI4/7	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.98	20.12	21.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.05	20.12	21.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.97	20.05	21.20
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.00	22.06	23.20
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.03	22.09	23.20
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	21.91	22.06	23.20
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.04	22.09	23.20
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.04	22.12	23.20
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.02	22.10	23.20
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.01	22.09	23.20
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	21.97	22.11	23.20
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.97	21.07	22.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.93	21.08	22.20
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.99	21.14	22.20
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.54	20.65	21.70
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.53	20.64	21.70
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.52	20.58	21.70
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.91	21.06	22.20
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.03	21.09	22.20
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.07	21.12	22.20
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.08	20.14	21.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.94	20.05	21.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.90	20.05	21.20
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 5	10M	/	/	/	/	20.53	20.61	21.70
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	Band 2	20M	/	/	/	/	21.04	21.13	22.20
CA_2A-4A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 7	20M	/	/	/	/	20.48	20.62	21.70

	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 2	20M	/	/	/	/	20.95	21.07	22.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	20.09	20.14	21.20
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	20.42	20.56	21.70
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 5	10M	/	/	/	/	19.95	20.05	21.20
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	Band 66	20M	/	/	/	/	20.49	20.63	21.70
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 5	10M	/	/	/	/	20.96	21.10	22.20
CA_2A-7A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	/	/	20.59	20.64	21.70
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	/	/	20.01	20.11	21.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	/	/	21.09	21.15	22.20
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	/	/	20.04	20.14	21.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	20.99	21.08	22.20
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	20.92	21.05	22.20
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	20.95	21.06	22.20
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	20.99	21.14	22.20
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	20.99	21.11	22.20
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	21.00	21.09	22.20
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	20.98	21.11	22.20
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	19.99	20.13	21.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	20.01	20.14	21.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	20.02	20.14	21.20
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	/	/	19.99	20.05	21.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	21.00	21.15	22.20
CA_7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	20.00	20.12	21.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	20.02	20.09	21.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	19.94	20.09	21.20
CA_41A-41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	21.98	22.09	23.20
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	22.00	22.10	23.20
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	22.00	22.13	23.20
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	22.07	22.15	23.20
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	21.95	22.05	23.20
CA_2A-7A-7C	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.46	20.56	21.70
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.58	20.65	21.70
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.47	20.62	21.70
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	20.07	20.14	21.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	20.03	20.11	21.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	19.96	20.11	21.20

CA_4A-7A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.01	21.07	22.20
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.08	21.15	22.20
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.95	21.08	22.20
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	20.00	20.07	21.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	20.03	20.12	21.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	20.02	20.07	21.20
CA_5A-7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	19.98	20.06	21.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	19.92	20.06	21.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	20.00	20.10	21.20
CA_5A-66A-66C	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	20.99	21.08	22.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	21.01	21.13	22.20
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	21.06	21.14	22.20
CA_7A-7C-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	19.98	20.12	21.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	19.91	20.05	21.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	19.99	20.12	21.20
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.95	21.08	22.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.00	21.13	22.20
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	21.04	21.11	22.20
CA_5A-7A-7C-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	Band 7	20M	Band 7	20M	19.92	20.05	21.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	Band 7	20M	20.99	21.11	22.20

DL LTE CA Class DSI5/6	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	18.99	19.08	20.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	18.92	19.07	20.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.09	19.15	20.20
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.98	21.12	22.20
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.95	21.09	22.20
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.95	21.10	22.20
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.49	20.56	21.70
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.40	20.55	21.70
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.51	20.58	21.70
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.60	20.65	21.70
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.54	20.61	21.70
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.96	20.09	21.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.95	20.09	21.20

	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.93	20.08	21.20
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.59	19.65	20.70
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.40	19.55	20.70
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.45	19.60	20.70
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.00	20.05	21.20
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.98	20.12	21.20
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.94	20.05	21.20
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.05	19.11	20.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.04	19.09	20.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.01	19.12	20.20
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 5	10M	/	/	/	/	19.48	19.55	20.70
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	Band 2	20M	/	/	/	/	19.99	20.08	21.20
CA_2A-4A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 7	20M	/	/	/	/	19.55	19.63	20.70
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 2	20M	/	/	/	/	19.97	20.07	21.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	/	/	18.98	19.13	20.20
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	19.51	19.60	20.70
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 5	10M	/	/	/	/	19.09	19.15	20.20
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	Band 66	20M	/	/	/	/	19.48	19.63	20.70
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 5	10M	/	/	/	/	20.08	20.15	21.20
CA_2A-7A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	/	/	19.50	19.59	20.70
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	/	/	18.96	19.09	20.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	/	/	20.05	20.11	21.20
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	/	/	19.00	19.15	20.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	20.02	20.12	21.20
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	20.01	20.08	21.20
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	20.07	20.13	21.20
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	/	/	20.02	20.13	21.20
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	20.07	20.12	21.20
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	20.00	20.12	21.20
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	/	/	19.96	20.10	21.20
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	19.10	19.15	20.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	18.93	19.08	20.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	/	/	19.04	19.13	20.20
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	/	/	18.91	19.06	20.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	/	/	20.06	20.14	21.20
CA_7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	19.00	19.13	20.20

	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	18.98	19.06	20.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	/	/	19.00	19.09	20.20
CA_41A-41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	20.50	20.62	21.70
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	20.46	20.57	21.70
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	20.55	20.65	21.70
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	20.51	20.56	21.70
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	/	/	20.51	20.64	21.70
CA_2A-7A-7C	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	19.44	19.55	20.70
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	19.51	19.56	20.70
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	19.56	19.62	20.70
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	19.01	19.10	20.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	19.08	19.15	20.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	/	/	19.01	19.06	20.20
CA_4A-7A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.04	20.13	21.20
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	19.96	20.05	21.20
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	19.90	20.05	21.20
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	18.95	19.05	20.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	18.95	19.08	20.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 7	20M	Band 7	20M	/	/	18.99	19.10	20.20
CA_5A-7A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	19.01	19.10	20.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	19.07	19.13	20.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	/	/	19.04	19.10	20.20
CA_5A-66A-66C	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	19.96	20.06	21.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	20.01	20.10	21.20
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	20M	/	/	20.05	20.12	21.20
CA_7A-7C-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	18.97	19.10	20.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	18.97	19.07	20.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	Band 7	20M	Band 7	20M	/	/	18.99	19.11	20.20
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	19.97	20.11	21.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	19.94	20.06	21.20
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	Band 7	20M	Band 7	20M	/	/	20.02	20.14	21.20
CA_5A-7A-7C-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	Band 7	20M	Band 7	20M	19.05	19.15	20.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	Band 7	20M	19.95	20.10	21.20

9 Conducted Power of NR Antenna

9.1 Conducted Power of NR Antenna (Ant11)

N5 DSI 2/3/5/6				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 PI/2 BPSK	1	1	21.00	21.16	21.10	22.50
		1	53	20.94	20.90	21.05	22.50
		1	104	20.86	20.83	20.64	22.50
		50	0	20.61	20.43	20.42	22.00
		50	28	21.09	21.09	21.08	22.50
		50	56	20.46	20.57	20.21	22.00
		100	0	20.60	20.58	20.49	22.00
	DFT-s-OFDM QPSK	1	1	21.13	21.11	21.07	22.50
		1	53	20.89	20.95	20.99	22.50
		1	104	20.92	20.81	20.71	22.50
		50	0	20.18	20.11	20.03	21.50
		50	28	21.10	20.97	20.94	22.50
		50	56	19.99	19.89	19.81	21.50
		100	0	20.01	19.96	20.00	21.50
	DFT-s-OFDM 16QAM	1	1	20.19	20.19	20.41	21.50
	DFT-s-OFDM 64QAM	1	1	18.76	18.90	18.89	20.00
	DFT-s-OFDM 256QAM	1	1	16.79	16.70	16.79	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	19.61	19.56	19.39	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	20.93	20.89	20.95	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	21.05	21.09	20.95	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	20.97	21.12	21.04	22.50

N5 DSI 4/7				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 PI/2 BPSK	1	1	22.57	22.66	22.69	24.00
		1	53	22.46	22.42	22.62	24.00
		1	104	22.42	22.41	22.19	24.00
		50	0	22.13	22.03	21.99	23.50
		50	28	22.68	22.65	22.59	24.00
		50	56	21.98	22.07	21.81	23.50
		100	0	22.13	22.12	22.06	23.50
	DFT-s-OFDM QPSK	1	1	22.67	22.68	22.62	24.00
		1	53	22.49	22.50	22.54	24.00
		1	104	22.45	22.35	22.24	24.00
		50	0	21.70	21.63	21.58	23.00
		50	28	22.61	22.55	22.49	24.00
		50	56	21.55	21.48	21.38	23.00
		100	0	21.58	21.55	21.52	23.00
	DFT-s-OFDM 16QAM	1	1	21.73	21.77	21.91	23.00
	DFT-s-OFDM 64QAM	1	1	20.28	20.41	20.42	21.50
	DFT-s-OFDM 256QAM	1	1	18.30	18.23	18.33	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	21.21	21.14	20.99	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	22.51	22.47	22.47	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	22.59	22.60	22.50	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	22.55	22.63	22.56	24.00

NR N26 DSI 2/3/4/5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
				824	831.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.88	22.77	22.93	24.70
		1	53	22.83	22.92	22.93	24.70
		1	104	22.93	22.81	22.80	24.70
		50	0	22.74	22.70	22.66	24.20
		50	28	22.98	22.96	22.80	24.70
		50	56	22.65	22.74	22.59	24.20
		100	0	22.67	22.67	22.64	24.20
	DFT-s-OFDM QPSK	1	1	22.88	22.81	22.92	24.70
		1	53	22.86	22.90	22.87	24.70
		1	104	22.93	22.79	22.80	24.70
		50	0	22.24	22.17	22.14	23.70
		50	28	22.97	22.96	22.85	24.70
		50	56	22.20	22.18	22.15	23.70
		100	0	22.15	22.15	22.16	23.70
	DFT-s-OFDM 16QAM	1	1	22.20	22.16	22.22	23.70
	DFT-s-OFDM 64QAM	1	1	20.57	20.60	20.56	22.20
	DFT-s-OFDM 256QAM	1	1	18.90	18.86	18.80	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
20MHz	CP-OFDM QPSK	1	1	21.48	21.44	21.38	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	22.85	22.74	22.92	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	22.92	22.79	22.98	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	22.95	22.88	22.88	24.70

9.2 Conducted Power of NR Antenna (Ant12)

N2 DSI 2/3				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 PI/2 BPSK	1	1	19.06	18.74	19.01	20.30
		1	53	19.05	18.87	19.08	20.30
		1	104	19.11	18.82	18.94	20.30
		50	0	18.56	18.42	18.56	19.80
		50	28	19.06	19.00	19.12	20.30
		50	56	18.55	18.51	18.46	19.80
		100	0	18.45	18.44	18.58	19.80
	DFT-s-OFDM QPSK	1	1	19.15	18.82	19.02	20.30
		1	53	19.06	18.89	19.04	20.30
		1	104	19.09	18.84	19.00	20.30
		50	0	18.07	17.99	17.98	19.30
		50	28	19.08	18.95	18.93	20.30
		50	56	18.02	17.88	17.93	19.30
		100	0	17.98	17.94	18.00	19.30
	DFT-s-OFDM 16QAM	1	1	18.26	17.81	18.09	19.30
	DFT-s-OFDM 64QAM	1	1	16.57	16.67	16.60	17.80
	DFT-s-OFDM 256QAM	1	1	14.77	14.42	14.60	15.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	17.62	17.27	17.51	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	19.03	19.00	19.02	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	19.02	18.92	18.87	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	19.02	19.02	19.05	20.30

N2 DSI 4/7				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 PI/2 BPSK	1	1	22.12	21.82	22.07	23.30
		1	53	22.14	21.94	22.13	23.30
		1	104	22.14	21.86	21.96	23.30
		50	0	21.63	21.49	21.61	22.80
		50	28	22.11	22.04	22.12	23.30
		50	56	21.60	21.52	21.54	22.80
		100	0	21.47	21.54	21.59	22.80
	DFT-s-OFDM QPSK	1	1	22.19	21.90	22.06	23.30
		1	53	22.13	21.92	22.05	23.30
		1	104	22.11	21.91	22.03	23.30
		50	0	21.09	21.02	21.02	22.30
		50	28	22.08	22.03	22.02	23.30
		50	56	21.06	20.97	20.97	22.30
		100	0	21.05	21.04	21.05	22.30
	DFT-s-OFDM 16QAM	1	1	21.31	20.82	21.14	22.30
	DFT-s-OFDM 64QAM	1	1	19.60	19.75	19.66	20.80
	DFT-s-OFDM 256QAM	1	1	17.83	17.45	17.69	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	20.64	20.35	20.57	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	22.07	22.04	22.10	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	22.03	21.97	21.96	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	22.09	22.07	22.06	23.30

N2 DSI 5/6				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 PI/2 BPSK	1	1	21.02	20.80	21.05	22.30
		1	53	21.13	20.85	21.12	22.30
		1	104	21.13	20.81	20.89	22.30
		50	0	20.53	20.49	20.59	21.80
		50	28	21.03	20.94	21.11	22.30
		50	56	20.56	20.50	20.46	21.80
		100	0	20.39	20.53	20.55	21.80
	DFT-s-OFDM QPSK	1	1	21.16	20.82	21.03	22.30
		1	53	21.04	20.90	21.00	22.30
		1	104	21.07	20.88	21.01	22.30
		50	0	20.04	19.95	20.00	21.30
		50	28	21.05	21.03	21.00	22.30
		50	56	20.00	19.93	19.95	21.30
		100	0	20.03	19.95	20.00	21.30
	DFT-s-OFDM 16QAM	1	1	20.23	19.72	20.09	21.30
	DFT-s-OFDM 64QAM	1	1	18.50	18.70	18.59	19.80
	DFT-s-OFDM 256QAM	1	1	16.82	16.43	16.69	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	19.62	19.26	19.57	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	21.07	21.03	21.03	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	21.00	20.90	20.93	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	21.03	20.98	21.02	22.30

N7 DSI 2/3				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 PI/2 BPSK	1	1	17.66	17.45	17.49	19.30
		1	108	17.61	17.47	17.48	19.30
		1	214	17.54	17.51	17.33	19.30
		108	0	17.04	16.92	17.09	18.80
		108	54	17.63	17.51	17.45	19.30
		108	108	17.05	16.98	17.01	18.80
		216	0	16.95	17.10	16.94	18.80
	DFT-s-OFDM QPSK	1	1	17.62	17.53	17.49	19.30
		1	108	17.61	17.52	17.63	19.30
		1	214	17.62	17.51	17.44	19.30
		108	0	16.61	16.49	16.49	18.30
		108	54	17.44	17.47	17.43	19.30
		108	108	16.52	16.54	16.37	18.30
		216	0	16.55	16.50	16.43	18.30
	DFT-s-OFDM 16QAM	1	1	16.63	16.43	16.58	18.30
	DFT-s-OFDM 64QAM	1	1	15.54	15.06	15.15	16.80
	DFT-s-OFDM 256QAM	1	1	13.30	13.22	13.13	14.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	16.04	16.00	15.99	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	17.53	17.48	17.50	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	17.48	17.45	17.44	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	17.38	17.52	17.55	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	17.50	17.54	17.50	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	17.48	17.58	17.35	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	17.48	17.58	17.57	19.30

N7 DSI 4/7				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 PI/2 BPSK	1	1	20.25	19.99	20.02	21.80
		1	108	20.12	19.99	20.07	21.80
		1	214	20.11	20.09	19.93	21.80
		108	0	19.64	19.49	19.63	21.30
		108	54	20.13	20.01	20.00	21.80
		108	108	19.58	19.52	19.55	21.30
		216	0	19.50	19.69	19.47	21.30
	DFT-s-OFDM QPSK	1	1	20.17	20.06	20.03	21.80
		1	108	20.19	20.04	20.14	21.80
		1	214	20.21	20.08	19.95	21.80
		108	0	19.11	19.06	19.05	20.80
		108	54	20.03	20.04	20.02	21.80
		108	108	19.09	19.11	18.97	20.80
		216	0	19.07	19.10	19.03	20.80
	DFT-s-OFDM 16QAM	1	1	19.15	18.97	19.18	20.80
	DFT-s-OFDM 64QAM	1	1	18.08	17.64	17.75	19.30
	DFT-s-OFDM 256QAM	1	1	15.80	15.73	15.72	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	18.55	18.50	18.55	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	20.06	20.07	20.09	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	19.98	20.00	20.02	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	19.94	20.12	20.09	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	20.02	20.04	20.01	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	20.03	20.10	19.93	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	



5MHz	DFT-s-OFDM QPSK	1	1	20.08	20.10	20.12	21.80
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N7 DSI 5/6				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 PI/2 BPSK	1	1	19.25	18.98	18.94	20.80
		1	108	19.05	18.90	19.06	20.80
		1	214	19.10	19.00	18.87	20.80
		108	0	18.62	18.49	18.61	20.30
		108	54	19.05	18.95	18.92	20.80
		108	108	18.49	18.47	18.46	20.30
		216	0	18.49	18.63	18.42	20.30
	DFT-s-OFDM QPSK	1	1	19.09	19.03	18.98	20.80
		1	108	19.14	19.04	19.05	20.80
		1	214	19.20	19.04	18.90	20.80
		108	0	18.10	18.05	18.05	19.80
		108	54	18.96	18.94	18.95	20.80
		108	108	18.05	18.07	17.92	19.80
	216	0	18.05	18.02	17.94	19.80	
	DFT-s-OFDM 16QAM	1	1	18.05	17.96	18.14	19.80
	DFT-s-OFDM 64QAM	1	1	17.03	16.63	16.72	18.30
	DFT-s-OFDM 256QAM	1	1	14.77	14.72	14.70	16.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	17.51	17.41	17.54	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	19.05	19.05	19.02	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	18.96	18.97	19.01	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	18.90	19.12	19.01	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	18.98	19.01	18.91	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	18.95	19.10	18.83	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	19.02	19.08	19.09	20.80

N66 DSI 2/3				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 PI/2 BPSK	1	1	19.67	19.52	19.50	20.80
		1	108	19.49	19.35	19.47	20.80
		1	214	19.58	19.35	19.33	20.80
		108	0	19.18	19.10	19.05	20.30
		108	54	19.47	19.55	19.59	20.80
		108	108	19.01	19.02	18.86	20.30
		216	0	19.06	19.18	18.90	20.30
	DFT-s-OFDM QPSK	1	1	19.65	19.56	19.47	20.80
		1	108	19.54	19.40	19.43	20.80
		1	214	19.63	19.44	19.37	20.80
		108	0	18.60	18.57	18.62	19.80
		108	54	19.53	19.53	19.57	20.80
		108	108	18.62	18.55	18.51	19.80
		216	0	18.50	18.54	18.46	19.80
	DFT-s-OFDM 16QAM	1	1	18.39	18.71	18.54	19.80
	DFT-s-OFDM 64QAM	1	1	17.40	17.52	17.25	18.30
	DFT-s-OFDM 256QAM	1	1	15.21	15.42	15.33	16.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	17.99	17.92	17.85	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	19.69	19.45	19.55	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	19.56	19.52	19.66	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	19.62	19.47	19.61	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	19.64	19.48	19.55	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	19.48	19.51	19.67	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	



10MHz	DFT-s-OFDM QPSK	1	1	19.58	19.50	19.51	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	19.46	19.44	19.54	20.80

N66 DSI 4/7	Conducted Power(dBm)
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SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.76	21.59	21.52	22.80
		1	108	21.54	21.43	21.49	22.80
		1	214	21.61	21.37	21.38	22.80
		108	0	21.27	21.12	21.10	22.30
		108	54	21.52	21.64	21.63	22.80
		108	108	21.08	21.05	20.92	22.30
		216	0	21.14	21.18	20.97	22.30
	DFT-s-OFDM QPSK	1	1	21.73	21.59	21.52	22.80
		1	108	21.59	21.46	21.50	22.80
		1	214	21.63	21.45	21.44	22.80
		108	0	20.69	20.66	20.64	21.80
		108	54	21.62	21.61	21.63	22.80
		108	108	20.63	20.63	20.51	21.80
		216	0	20.59	20.60	20.56	21.80
	DFT-s-OFDM 16QAM	1	1	20.48	20.81	20.54	21.80
	DFT-s-OFDM 64QAM	1	1	19.40	19.54	19.25	20.30
	DFT-s-OFDM 256QAM	1	1	17.29	17.51	17.35	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	20.03	19.99	19.94	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	21.69	21.52	21.55	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	21.66	21.59	21.67	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	21.69	21.51	21.62	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	21.69	21.56	21.59	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	21.57	21.58	21.70	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	21.62	21.53	21.55	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	21.53	21.52	21.58	22.80