

CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	18.59	18.74	19.80
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	18.55	18.69	19.80
	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	18.61	18.69	19.80
	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	15.15	15.23	16.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	15.10	15.19	16.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	15.16	15.24	16.30
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	15.03	15.17	16.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	15.08	15.19	16.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	15.18	15.23	16.30

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	/	/	/	/	/	/	15.81	15.94	17.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	15.85	15.91	17.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	15.84	15.95	17.00
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	17.58	17.66	18.80
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	17.65	17.75	18.80
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	17.66	17.71	18.80
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	17.61	17.70	18.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	17.61	17.75	18.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	17.63	17.71	18.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	17.61	17.70	18.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	17.68	17.75	18.80
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	14.05	14.19	15.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	14.13	14.18	15.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	14.12	14.21	15.30
CA_5B	Band 5	10M	829	20450	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.80	19.93	21.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.81	19.89	21.00
	Band 5	10M	844	20600	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.86	19.91	21.00
CA_7B	Band 7	15M	2507.5	20825	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	15.82	15.94	17.00
	Band 7	15M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	15.81	15.89	17.00
	Band 7	15M	2562.5	21375	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	15.79	15.88	17.00
CA_66B	Band 66	15M	1717.5	132047	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	14.06	14.21	15.30
	Band 66	15M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	14.11	14.16	15.30
	Band 66	15M	1772.5	132597	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	14.10	14.18	15.30
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	11.57	11.65	12.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	11.55	11.68	12.80
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	11.59	11.68	12.80
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	14.16	14.23	15.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	14.10	14.19	15.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	14.16	14.25	15.30
CA_5A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	/	/	/	/	/	/	19.73	19.86	21.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	/	/	/	/	/	/	19.80	19.86	21.00
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	/	/	/	/	/	/	19.72	19.87	21.00
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	15.80	15.93	17.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	15.75	15.85	17.00

	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	15.81	15.90	17.00
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	17.63	17.73	18.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	17.62	17.70	18.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	17.62	17.74	18.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	17.52	17.65	18.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	17.58	17.72	18.80
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	11.55	11.67	12.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	11.60	11.75	12.80
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	11.60	11.68	12.80
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	14.04	14.19	15.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	14.08	14.18	15.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	14.16	14.25	15.30
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	11.53	11.67	12.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	11.61	11.69	12.80
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	11.64	11.69	12.80
	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.76	19.85	21.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.82	19.90	21.00
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.81	19.88	21.00
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	11.53	11.68	12.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	11.58	11.67	12.80
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	11.61	11.69	12.80
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	15.80	15.91	17.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	15.79	15.90	17.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	15.77	15.92	17.00
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	11.58	11.70	12.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	11.58	11.69	12.80
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	11.65	11.73	12.80
	Band 26	15M	821.5	26765	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.72	19.87	21.00
	Band 26	15M	831.5	26865	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.80	19.91	21.00
	Band 26	15M	841.5	26965	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.79	19.87	21.00
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	11.59	11.66	12.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	11.63	11.70	12.80
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	11.68	11.73	12.80
	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	17.54	17.67	18.80
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	17.63	17.70	18.80
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	17.63	17.68	18.80

CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	11.51	11.65	12.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	11.56	11.69	12.80
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	11.61	11.71	12.80
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	14.06	14.16	15.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	14.06	14.15	15.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	14.07	14.19	15.30
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	14.08	14.16	15.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	14.01	14.16	15.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	14.13	14.25	15.30
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.83	19.89	21.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.78	19.91	21.00
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.85	19.92	21.00
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	14.14	14.24	15.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	14.10	14.25	15.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	14.09	14.17	15.30
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	15.88	15.95	17.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	15.77	15.88	17.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	15.90	15.95	17.00
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.78	19.90	21.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.90	19.95	21.00
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.85	19.92	21.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	15.84	15.89	17.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	15.81	15.95	17.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	15.78	15.86	17.00
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.82	19.89	21.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.80	19.95	21.00
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.82	19.87	21.00
	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	17.63	17.72	18.80
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	17.58	17.68	18.80
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	17.66	17.75	18.80
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.81	19.87	21.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.76	19.88	21.00
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.90	19.95	21.00
	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	17.65	17.74	18.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	17.61	17.72	18.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	17.56	17.70	18.80

	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	17.53	17.68	18.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	17.57	17.65	18.80
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.76	19.88	21.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.84	19.92	21.00
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.82	19.95	21.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	14.10	14.17	15.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	14.13	14.19	15.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	14.09	14.22	15.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	14.09	14.22	15.30
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	15.84	15.92	17.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	15.77	15.92	17.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	15.85	15.95	17.00
	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.79	19.88	21.00
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.87	19.92	21.00
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.75	19.88	21.00
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	15.75	15.90	17.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	15.82	15.94	17.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	15.82	15.93	17.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	14.10	14.15	15.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	14.09	14.21	15.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	14.10	14.19	15.30
CA_26A-38A	Band 26	15M	821.5	26765	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.79	19.91	21.00
	Band 26	15M	831.5	26865	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.85	19.90	21.00
	Band 26	15M	841.5	26965	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.83	19.95	21.00
	Band 38	20M	2580	37850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	17.55	17.66	18.80
	Band 38	20M	2595	38000	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	17.60	17.71	18.80
	Band 38	20M	2610	38150	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	17.63	17.72	18.80
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.82	19.88	21.00
	Band 26	15M	831.5	26865	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.78	19.86	21.00
	Band 26	15M	841.5	26965	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.82	19.92	21.00
	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	17.59	17.65	18.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	17.57	17.67	18.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	17.52	17.65	18.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	17.59	17.69	18.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	17.58	17.69	18.80
CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	17.51	17.66	18.80
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	17.61	17.74	18.80



	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	17.59	17.65	18.80
	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	14.02	14.17	15.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	14.11	14.18	15.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	14.10	14.18	15.30
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	14.14	14.19	15.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	14.02	14.16	15.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	14.07	14.17	15.30

DL LTE CA Class DSI6	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	/	/	/	/	/	/	19.29	19.38	20.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.33	19.44	20.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.28	19.43	20.50
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	21.64	21.70	22.80
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	21.59	21.66	22.80
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	21.57	21.65	22.80
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	21.61	21.71	22.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	21.67	21.74	22.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	21.64	21.72	22.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	21.60	21.67	22.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	21.60	21.66	22.80
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.08	20.16	21.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.09	20.16	21.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.09	20.24	21.30
CA_5B	Band 5	10M	829	20450	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	23.71	23.85	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	23.82	23.92	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	23.80	23.90	25.00
CA_7B	Band 7	15M	2507.5	20825	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	19.32	19.41	20.50
	Band 7	15M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	19.25	19.39	20.50
	Band 7	15M	2562.5	21375	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	19.35	19.40	20.50
CA_66B	Band 66	15M	1717.5	132047	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	20.18	20.23	21.30
	Band 66	15M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	20.18	20.23	21.30
	Band 66	15M	1772.5	132597	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	20.07	20.22	21.30
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	19.08	19.16	20.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	19.10	19.25	20.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	19.18	19.23	20.30
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	20.10	20.18	21.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	20.04	20.17	21.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	20.09	20.18	21.30
CA_5A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	/	/	/	/	/	/	23.81	23.92	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	/	/	/	/	/	/	23.88	23.94	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	/	/	/	/	/	/	23.77	23.88	25.00
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	19.28	19.41	20.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	19.29	19.39	20.50

	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	19.35	19.44	20.50
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	21.61	21.71	22.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	21.58	21.66	22.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	21.61	21.73	22.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	21.60	21.71	22.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	21.60	21.65	22.80
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.05	19.15	20.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.04	19.16	20.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.14	19.21	20.30
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.15	20.25	21.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.07	20.16	21.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.05	20.15	21.30
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.15	19.21	20.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.08	19.22	20.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.10	19.18	20.30
	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.80	23.92	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.76	23.87	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.75	23.87	25.00
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.10	19.17	20.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.12	19.25	20.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.10	19.19	20.30
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.34	19.40	20.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.37	19.43	20.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.25	19.35	20.50
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.07	19.16	20.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.14	19.19	20.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.11	19.22	20.30
	Band 26	15M	821.5	26765	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.90	23.95	25.00
	Band 26	15M	831.5	26865	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.74	23.87	25.00
	Band 26	15M	841.5	26965	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.85	23.93	25.00
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.00	19.15	20.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.17	19.23	20.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.14	19.19	20.30
	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	21.62	21.70	22.80
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	21.67	21.72	22.80
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	21.65	21.70	22.80

CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.07	19.20	20.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.09	19.15	20.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.05	19.18	20.30
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.15	20.25	21.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.07	20.16	21.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.07	20.22	21.30
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.07	20.16	21.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.04	20.16	21.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.09	20.20	21.30
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	23.85	23.91	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	23.70	23.85	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	23.82	23.95	25.00
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.08	20.15	21.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.05	20.20	21.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.01	20.16	21.30
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.24	19.39	20.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.28	19.35	20.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.36	19.44	20.50
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.87	23.92	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.78	23.86	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.88	23.95	25.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.33	19.44	20.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.28	19.43	20.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.26	19.35	20.50
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.76	23.91	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.81	23.89	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.80	23.91	25.00
	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.56	21.71	22.80
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.58	21.67	22.80
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.59	21.67	22.80
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.90	23.95	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.76	23.91	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.83	23.88	25.00
	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.64	21.71	22.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.65	21.74	22.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.59	21.73	22.80

	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.58	21.69	22.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.64	21.72	22.80
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	23.74	23.89	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	23.85	23.92	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	23.83	23.90	25.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.09	20.23	21.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.09	20.23	21.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.15	20.22	21.30
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.34	19.43	20.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.37	19.43	20.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.20	19.35	20.50
	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.88	23.93	25.00
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.79	23.90	25.00
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.85	23.93	25.00
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.28	19.36	20.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.30	19.35	20.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.35	19.43	20.50
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.14	20.23	21.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.09	20.18	21.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.12	20.17	21.30
CA_26A-38A	Band 26	15M	821.5	26765	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.79	23.93	25.00
	Band 26	15M	831.5	26865	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.74	23.89	25.00
	Band 26	15M	841.5	26965	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.78	23.89	25.00
	Band 38	20M	2580	37850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	21.68	21.73	22.80
	Band 38	20M	2595	38000	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	21.61	21.75	22.80
	Band 38	20M	2610	38150	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	21.54	21.68	22.80
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.83	23.88	25.00
	Band 26	15M	831.5	26865	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.83	23.93	25.00
	Band 26	15M	841.5	26965	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.73	23.85	25.00
	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	21.66	21.74	22.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	21.52	21.66	22.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	21.59	21.72	22.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	21.57	21.69	22.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	21.55	21.65	22.80
CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	21.54	21.67	22.80
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	21.57	21.68	22.80



	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	21.59	21.67	22.80
	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.13	20.20	21.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.09	20.17	21.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.12	20.21	21.30
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	20.08	20.21	21.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	20.12	20.19	21.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	20.14	20.23	21.30

DL LTE CA Class DS18	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	/	/	/	/	/	/	17.32	17.45	18.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	17.28	17.43	18.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	17.37	17.45	18.50
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.65	19.71	20.80
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.64	19.72	20.80
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.57	19.65	20.80
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.57	19.71	20.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.58	19.71	20.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.62	19.69	20.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.54	19.66	20.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.52	19.66	20.80
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	18.68	18.73	19.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	18.65	18.70	19.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	18.62	18.72	19.80
CA_5B	Band 5	10M	829	20450	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.79	22.94	24.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.79	22.89	24.00
	Band 5	10M	844	20600	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.81	22.89	24.00
CA_7B	Band 7	15M	2507.5	20825	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	17.34	17.45	18.50
	Band 7	15M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	17.30	17.39	18.50
	Band 7	15M	2562.5	21375	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	17.34	17.39	18.50
CA_66B	Band 66	15M	1717.5	132047	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	18.62	18.72	19.80
	Band 66	15M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	18.70	18.75	19.80
	Band 66	15M	1772.5	132597	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	18.55	18.68	19.80
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	17.12	17.19	18.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	17.05	17.15	18.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	17.10	17.22	18.30
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	18.63	18.68	19.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	18.52	18.65	19.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	18.62	18.69	19.80
CA_5A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	/	/	/	/	/	/	22.74	22.89	24.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	/	/	/	/	/	/	22.87	22.93	24.00
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	/	/	/	/	/	/	22.71	22.85	24.00
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	17.23	17.38	18.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	17.38	17.43	18.50

	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	17.27	17.39	18.50
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	19.68	19.73	20.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	19.60	19.66	20.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	19.58	19.72	20.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	19.63	19.69	20.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	19.63	19.75	20.80
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	17.18	17.24	18.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	17.07	17.17	18.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	17.09	17.20	18.30
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	18.61	18.72	19.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	18.62	18.69	19.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	18.63	18.68	19.80
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	17.07	17.16	18.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	17.03	17.18	18.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	17.19	17.24	18.30
	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.74	22.85	24.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.71	22.85	24.00
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.85	22.90	24.00
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	17.15	17.24	18.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	17.12	17.20	18.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	17.15	17.20	18.30
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	17.26	17.39	18.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	17.32	17.38	18.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	17.29	17.40	18.50
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	17.12	17.18	18.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	17.11	17.25	18.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	17.07	17.19	18.30
	Band 26	15M	821.5	26765	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.33	23.40	24.50
	Band 26	15M	831.5	26865	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.23	23.35	24.50
	Band 26	15M	841.5	26965	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.21	23.35	24.50
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	17.17	17.25	18.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	17.03	17.16	18.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	17.05	17.16	18.30
	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.55	19.68	20.80
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.57	19.69	20.80
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.57	19.70	20.80

CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	17.07	17.15	18.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	17.06	17.19	18.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	17.11	17.20	18.30
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	18.53	18.67	19.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	18.66	18.71	19.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	18.57	18.67	19.80
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.60	18.72	19.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.55	18.69	19.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.68	18.74	19.80
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	22.86	22.91	24.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	22.78	22.90	24.00
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	22.85	22.93	24.00
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	18.60	18.75	19.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	18.59	18.65	19.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	18.56	18.68	19.80
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	17.32	17.41	18.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	17.21	17.35	18.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	17.30	17.36	18.50
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.82	22.91	24.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.81	22.87	24.00
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.74	22.88	24.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	17.31	17.39	18.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	17.30	17.39	18.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	17.28	17.36	18.50
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.78	22.93	24.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.80	22.93	24.00
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.79	22.87	24.00
	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.63	19.71	20.80
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.67	19.75	20.80
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.66	19.73	20.80
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.79	22.87	24.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.81	22.92	24.00
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.81	22.93	24.00
	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.58	19.66	20.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.62	19.73	20.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.55	19.69	20.80

	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.59	19.66	20.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.59	19.72	20.80
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.84	22.94	24.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.79	22.87	24.00
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.75	22.86	24.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.66	18.75	19.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.55	18.67	19.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.68	18.73	19.80
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	17.25	17.39	18.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	17.34	17.42	18.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	17.34	17.39	18.50
	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.29	23.37	24.50
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.26	23.38	24.50
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.35	23.45	24.50
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	17.25	17.35	18.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	17.26	17.38	18.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	17.33	17.42	18.50
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	18.64	18.71	19.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	18.59	18.67	19.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	18.57	18.70	19.80
CA_26A-38A	Band 26	15M	821.5	26765	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.29	23.42	24.50
	Band 26	15M	831.5	26865	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.28	23.37	24.50
	Band 26	15M	841.5	26965	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.30	23.43	24.50
	Band 38	20M	2580	37850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.53	19.67	20.80
	Band 38	20M	2595	38000	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.68	19.75	20.80
	Band 38	20M	2610	38150	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.64	19.72	20.80
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.32	23.45	24.50
	Band 26	15M	831.5	26865	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.31	23.43	24.50
	Band 26	15M	841.5	26965	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.31	23.40	24.50
	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.70	19.75	20.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.61	19.73	20.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.59	19.73	20.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.65	19.75	20.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.64	19.73	20.80
CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.64	19.70	20.80
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.63	19.72	20.80



	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.62	19.75	20.80
	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	18.66	18.72	19.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	18.60	18.66	19.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	18.53	18.65	19.80
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	18.67	18.73	19.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	18.62	18.68	19.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	18.59	18.72	19.80

5.2 Conducted Power of LTE Downlink CA (Ant31)

DL LTE CA Class DSI 5/6/7	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	/	/	/	/	/	/	22.15	22.25	23.40
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.27	22.34	23.40
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.23	22.34	23.40
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.79	22.86	24.00
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.87	22.95	24.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.72	22.85	24.00
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.87	22.92	24.00
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.74	22.85	24.00
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.80	22.85	24.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.81	22.89	24.00
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.79	22.86	24.00
CA_5B	Band 5	10M	829	20450	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	23.39	23.53	24.60
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	23.40	23.52	24.60
	Band 5	10M	844	20600	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	23.38	23.47	24.60
CA_7B	Band 7	15M	2507.5	20825	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	22.14	22.29	23.40
	Band 7	15M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	22.29	22.34	23.40
	Band 7	15M	2562.5	21375	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	22.13	22.27	23.40
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	22.44	22.58	23.70
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	22.52	22.62	23.70
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	22.58	22.63	23.70
CA_5A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	/	/	/	/	/	/	23.36	23.51	24.60
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	/	/	/	/	/	/	23.39	23.48	24.60
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	/	/	/	/	/	/	23.47	23.53	24.60
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	22.25	22.35	23.40
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	22.20	22.29	23.40
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	22.18	22.31	23.40
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	22.80	22.90	24.00
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	22.79	22.85	24.00
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	22.79	22.88	24.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	22.79	22.90	24.00
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	22.84	22.90	24.00
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	22.47	22.61	23.70
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	22.48	22.63	23.70

	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	22.53	22.62	23.70
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.56	22.63	23.70
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.45	22.56	23.70
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.54	22.61	23.70
	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.41	23.50	24.60
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.38	23.53	24.60
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.36	23.50	24.60
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.46	22.55	23.70
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.48	22.56	23.70
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.48	22.59	23.70
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.16	22.26	23.40
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.13	22.27	23.40
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.26	22.34	23.40
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.52	22.59	23.70
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.47	22.55	23.70
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.49	22.59	23.70
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.50	22.60	23.70
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.50	22.58	23.70
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.46	22.56	23.70
	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.84	22.94	24.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.80	22.91	24.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.90	22.95	24.00
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.47	22.60	23.70
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.52	22.62	23.70
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.50	22.61	23.70
CA_4A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	23.37	23.50	24.60
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	23.36	23.45	24.60
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	23.40	23.45	24.60
CA_4A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	22.17	22.26	23.40
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	22.16	22.25	23.40
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	22.19	22.31	23.40
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.38	23.48	24.60
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.39	23.50	24.60
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.38	23.50	24.60
	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.20	22.26	23.40
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.18	22.30	23.40

	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.22	22.35	23.40
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.43	23.48	24.60
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.42	23.50	24.60
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.38	23.48	24.60
	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.85	22.93	24.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.75	22.89	24.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.77	22.87	24.00
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.47	23.52	24.60
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.43	23.48	24.60
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.39	23.48	24.60
	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.78	22.93	24.00
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.76	22.85	24.00
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.80	22.87	24.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.74	22.88	24.00
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.79	22.89	24.00
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	23.43	23.55	24.60
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	23.38	23.49	24.60
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	23.41	23.47	24.60
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.16	22.30	23.40
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.22	22.27	23.40
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.18	22.32	23.40
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.14	22.25	23.40
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.21	22.28	23.40
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.21	22.27	23.40
CA_26A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.81	22.93	24.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.83	22.88	24.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.81	22.95	24.00
CA_26A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.81	22.94	24.00
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.76	22.90	24.00
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.78	22.91	24.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.77	22.86	24.00
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.82	22.92	24.00
CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.78	22.89	24.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.74	22.88	24.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.75	22.88	24.00

DL LTE CA Class DS18	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	/	/	/	/	/	/	19.18	19.27	20.40
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.14	19.26	20.40
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.22	19.28	20.40
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.82	20.93	22.00
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.86	20.93	22.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.76	20.86	22.00
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.77	20.85	22.00
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.75	20.88	22.00
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.84	20.94	22.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.77	20.86	22.00
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.74	20.89	22.00
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.62	19.69	20.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.65	19.73	20.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.61	19.73	20.80
CA_5B	Band 5	10M	829	20450	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.36	22.51	23.60
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.47	22.54	23.60
	Band 5	10M	844	20600	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.41	22.54	23.60
CA_7B	Band 7	15M	2507.5	20825	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	19.22	19.28	20.40
	Band 7	15M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	19.23	19.29	20.40
	Band 7	15M	2562.5	21375	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	19.23	19.31	20.40
CA_66B	Band 66	15M	1717.5	132047	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	19.59	19.72	20.80
	Band 66	15M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	19.59	19.72	20.80
	Band 66	15M	1772.5	132597	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	19.67	19.72	20.80
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	19.98	20.08	21.20
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	19.97	20.09	21.20
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	19.97	20.11	21.20
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	19.61	19.66	20.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	19.59	19.65	20.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	19.51	19.65	20.80
CA_5A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	/	/	/	/	/	/	22.41	22.47	23.60
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	/	/	/	/	/	/	22.35	22.45	23.60
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	/	/	/	/	/	/	22.36	22.51	23.60
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	19.21	19.30	20.40
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	19.22	19.31	20.40

	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	19.19	19.31	20.40
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	20.74	20.85	22.00
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	20.83	20.91	22.00
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	20.79	20.86	22.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	20.79	20.89	22.00
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	20.76	20.89	22.00
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	20.01	20.10	21.20
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.99	20.06	21.20
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	20.03	20.09	21.20
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.55	19.69	20.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.54	19.69	20.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.69	19.74	20.80
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.04	20.11	21.20
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.01	20.07	21.20
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.01	20.06	21.20
	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.44	22.52	23.60
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.42	22.47	23.60
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.40	22.45	23.60
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.94	20.05	21.20
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.97	20.05	21.20
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.90	20.05	21.20
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.26	19.35	20.40
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.16	19.27	20.40
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.22	19.29	20.40
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.90	20.05	21.20
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.92	20.06	21.20
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.00	20.14	21.20
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.97	20.07	21.20
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.97	20.10	21.20
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.98	20.05	21.20
	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.85	20.95	22.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.81	20.90	22.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.79	20.92	22.00
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.06	20.14	21.20
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.01	20.09	21.20
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.97	20.10	21.20

	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.58	19.70	20.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.59	19.73	20.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.53	19.67	20.80
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.69	19.75	20.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.65	19.74	20.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.56	19.66	20.80
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	22.34	22.46	23.60
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	22.34	22.46	23.60
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	22.40	22.53	23.60
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.59	19.66	20.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.61	19.74	20.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.64	19.69	20.80
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.20	19.27	20.40
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.18	19.26	20.40
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.10	19.25	20.40
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.48	22.53	23.60
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.31	22.45	23.60
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.42	22.53	23.60
	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.25	19.33	20.40
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.12	19.25	20.40
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.14	19.26	20.40
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.47	22.54	23.60
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.35	22.45	23.60
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.37	22.45	23.60
	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.90	20.95	22.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.88	20.93	22.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.79	20.89	22.00
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.43	22.53	23.60
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.32	22.47	23.60
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.41	22.48	23.60
	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.79	20.93	22.00
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.80	20.89	22.00
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.83	20.89	22.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.76	20.88	22.00
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.79	20.86	22.00
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.38	22.49	23.60

	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.43	22.51	23.60
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.44	22.49	23.60
	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.60	19.72	20.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.59	19.68	20.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.59	19.67	20.80
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.24	19.31	20.40
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.19	19.25	20.40
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.21	19.32	20.40
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.14	19.25	20.40
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.22	19.34	20.40
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.16	19.25	20.40
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.61	19.71	20.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.67	19.75	20.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.59	19.67	20.80
CA_26A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.75	20.88	22.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.84	20.95	22.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.80	20.92	22.00
CA_26A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.78	20.91	22.00
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.83	20.93	22.00
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.86	20.91	22.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.77	20.92	22.00
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.80	20.89	22.00
CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.74	20.86	22.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.76	20.90	22.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.78	20.86	22.00
	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.53	19.65	20.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.56	19.67	20.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.62	19.74	20.80
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	19.60	19.70	20.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	19.53	19.67	20.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	19.65	19.73	20.80

DL LTE CA Class DSI 5/6/7/8	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	/	/	/	/	/	/	23.41	23.51	24.60
	Band 26	15M	831.5	26865	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.36	23.50	24.60
	Band 26	15M	841.5	26965	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.40	23.52	24.60
CA_7A-26A	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.48	23.54	24.60
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.41	23.46	24.60
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.36	23.48	24.60
CA_26A-38A	Band 26	15M	821.5	26765	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.33	23.45	24.60
	Band 26	15M	831.5	26865	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.43	23.51	24.60
	Band 26	15M	841.5	26965	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.40	23.53	24.60
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.46	23.52	24.60
	Band 26	15M	831.5	26865	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.35	23.49	24.60
	Band 26	15M	841.5	26965	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	23.34	23.49	24.60

DL LTE CA Class DSI 5/7	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_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.61	22.70	23.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.63	22.75	23.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.66	22.75	23.80
CA_66B	Band 66	15M	1717.5	132047	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	22.61	22.74	23.80
	Band 66	15M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	22.64	22.73	23.80
	Band 66	15M	1772.5	132597	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	22.67	22.72	23.80
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	22.56	22.67	23.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	22.63	22.69	23.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	22.62	22.73	23.80
CA_2A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.62	22.73	23.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.55	22.69	23.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.67	22.75	23.80
CA_2A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.64	22.70	23.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.60	22.65	23.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.58	22.66	23.80
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.64	22.69	23.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.64	22.72	23.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.64	22.69	23.80
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.65	22.73	23.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.62	22.72	23.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.66	22.73	23.80
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.60	22.69	23.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.51	22.65	23.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.59	22.74	23.80
CA_7A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.53	22.66	23.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.58	22.65	23.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.57	22.68	23.80
CA_38A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.66	22.75	23.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.58	22.67	23.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.56	22.69	23.80
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	22.58	22.65	23.80
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	22.62	22.71	23.80
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	22.69	22.75	23.80

DL LTE CA Class DSI 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_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.19	22.25	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.03	22.15	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.16	22.22	23.30
CA_66B	Band 66	15M	1717.5	132047	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	22.02	22.15	23.30
	Band 66	15M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	22.09	22.21	23.30
	Band 66	15M	1772.5	132597	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	22.10	22.17	23.30
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	22.02	22.15	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	22.05	22.16	23.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	22.07	22.21	23.30
CA_2A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.02	22.15	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.07	22.20	23.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.08	22.21	23.30
CA_2A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.15	22.24	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.08	22.23	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.02	22.17	23.30
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.06	22.19	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.10	22.23	23.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.05	22.16	23.30
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.10	22.19	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.02	22.16	23.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.05	22.17	23.30
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.02	22.16	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.06	22.16	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.09	22.16	23.30
CA_7A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.04	22.15	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.12	22.22	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	22.09	22.17	23.30
CA_38A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.08	22.15	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.15	22.22	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.09	22.22	23.30
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	22.06	22.17	23.30
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	22.01	22.16	23.30
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	22.09	22.22	23.30