

	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 4	20M	2132.5	2175	/	/	/	/	16.89	16.93	18
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	/	/	/	/	16.85	17.03	18
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 4	20M	2132.5	2175	/	/	/	/	16.79	16.95	18
CA_5A-7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	/	/	/	/	16.87	17.06	18
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	/	/	/	/	16.84	17.02	18
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 5	10M	881.5	2525	/	/	/	/	16.95	17.08	18
CA_5A-66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	Band 5	10M	881.5	2525	/	/	/	/	23.22	23.26	24.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	Band 5	10M	881.5	2525	/	/	/	/	23.04	23.11	24.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	Band 5	10M	881.5	2525	/	/	/	/	23.26	23.26	24.2
CA_7C-66A	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	/	/	/	/	16.82	17.02	18
CA_5A-7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	16.73	16.90	18
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	16.87	16.93	18
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	16.93	16.99	18
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 5	10M	881.5	2525	22.97	23.17	24.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 5	10M	881.5	2525	23.06	23.17	24.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	Band 5	10M	881.5	2525	23.08	23.15	24.2

DL LTE CA Class DSI 3	PCC								SCC1				SCC2				SCC3				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up	
CA_7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	/	16.56	16.58	17.5	
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	/	/	/	/	/	/	/	/	16.28	16.40	17.5	
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	/	/	/	/	/	/	/	/	16.31	16.43	17.5	
CA_66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	/	/	/	/	/	/	/	/	22.93	23.13	24.2	
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	/	/	/	/	/	/	/	/	23.09	23.16	24.2	
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	/	/	/	/	/	/	/	/	22.98	23.12	24.2	
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	19.91	20.06	21	
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	19.75	19.94	21	
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	/	/	/	/	19.93	19.98	21	
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	99	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	23.08	23.16	24.2	
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	23.00	23.20	24.2	
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	/	/	/	/	/	/	/	/	23.17	23.19	24.2	
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	16.34	16.43	17.5	
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	16.35	16.40	17.5	
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	/	/	/	/	/	/	/	/	16.45	16.56	17.5	
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	23.00	23.11	24.2	
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	23.00	23.11	24.2	
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	/	/	/	/	/	/	/	/	22.97	23.15	24.2	
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.88	20.01	21	
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.79	19.95	21	
	Band 2	20M	1900	19100	QPSK	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.84	20.02	21	
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.12	23.17	24.2	
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.16	23.19	24.2	
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.26	23.26	24.2	
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.85	20.01	21	
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.75	19.90	21	
	Band 2	20M	1900	19100	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.94	20.04	21	
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.78	19.95	21	
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.91	20.01	21	

	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.98	19.98	21
	Band 7	20M	2510	20850	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	16.31	16.41	17.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	16.41	16.57	17.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	16.47	16.58	17.5
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	19.73	19.91	21
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	19.82	19.99	21
	Band 2	20M	1900	19100	QPSK	1	50	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	19.77	19.93	21
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	20.01	20.07	21
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	19.87	19.92	21
	Band 2	20M	1900	19100	QPSK	1	50	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	19.95	20.01	21
	Band 66	20M	1720	132072	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.27	23.28	24.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.03	23.16	24.2
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.94	23.14	24.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.98	23.15	24.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.28	23.28	24.2
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.18	23.22	24.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.98	23.17	24.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.10	23.20	24.2
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	16.50	16.57	17.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	16.39	16.43	17.5
CA_5A-7A	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	16.31	16.47	17.5
	Band 7	20M	2510	20850	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	16.37	16.42	17.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	16.48	16.53	17.5
CA_5A-66A	Band 7	20M	2560	21350	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	16.37	16.45	17.5
	Band 66	20M	1720	132072	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.97	23.10	24.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.15	23.20	24.2
CA_7A-26A	Band 66	20M	1770	132572	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.02	23.19	24.2
	Band 7	20M	2510	20850	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	16.30	16.49	17.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	16.44	16.59	17.5
CA_7A-66A	Band 7	20M	2560	21350	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	16.33	16.43	17.5
	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	16.45	16.59	17.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	16.25	16.43	17.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	16.35	16.45	17.5
	Band 66	20M	1720	132072	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.18	23.30	24.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.15	23.17	24.2
CA_2A-4A-5A	Band 66	20M	1770	132572	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.03	23.19	24.2
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	/	/	/	/	20.03	20.04	21
CA_2A-5A-7A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	/	/	/	/	22.91	23.10	24.2
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	19.97	20.01	21
CA_2A-5A-66A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 5	10M	881.5	2525	/	/	/	/	23.01	23.17	24.2
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	/	/	/	/	19.92	20.06	21
CA_2A-7A-7A	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	Band 5	10M	881.5	2525	/	/	/	/	23.15	23.21	24.2
	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	20.06	20.08	21
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	19.76	19.91	21
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	19.92	20.01	21
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	16.26	16.44	17.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	16.49	16.59	17.5

	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	Band 2	20M	1960	900	/	/	/	/	16.44	16.45	17.5
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	23.21	23.24	24.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	23.15	23.17	24.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 5	10M	881.5	2525	/	/	/	/	23.21	23.25	24.2
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	23.18	23.26	24.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	23.19	23.20	24.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 7	20M	2655	3100	/	/	/	/	23.15	23.30	24.2
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	16.45	16.54	17.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	16.36	16.46	17.5
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	Band 5	10M	881.5	2525	/	/	/	/	16.39	16.59	17.5
	Band 66	20M	1745	132322	QPSK	1	99	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	23.15	23.19	24.2
CA_5A-66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	23.14	23.24	24.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	23.03	23.20	24.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	23.19	23.21	24.2
CA_7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	16.35	16.42	17.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	16.30	16.40	17.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	16.41	16.41	17.5
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	23.28	23.28	24.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	23.27	23.29	24.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	23.09	23.25	24.2
CA_2A-7C	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.98	20.07	21
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.99	19.99	21
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.80	19.90	21
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 2	20M	1960	900	/	/	/	/	16.50	16.58	17.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	/	/	/	/	16.30	16.42	17.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 2	20M	1960	900	/	/	/	/	16.37	16.44	17.5
CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	23.17	23.27	24.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	22.92	23.11	24.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	23.14	23.15	24.2
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 4	20M	2132.5	2175	/	/	/	/	16.22	16.41	17.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	/	/	/	/	16.37	16.54	17.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 4	20M	2132.5	2175	/	/	/	/	16.50	16.53	17.5
CA_5A-7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	/	/	/	/	16.32	16.48	17.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	/	/	/	/	16.38	16.43	17.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 5	10M	881.5	2525	/	/	/	/	16.52	16.52	17.5
CA_5A-66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	Band 5	10M	881.5	2525	/	/	/	/	23.25	23.25	24.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	Band 5	10M	881.5	2525	/	/	/	/	22.99	23.13	24.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	Band 5	10M	881.5	2525	/	/	/	/	23.09	23.11	24.2
CA_7C-66A	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	/	/	/	/	16.43	16.45	17.5
CA_5A-7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	16.36	16.44	17.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	16.29	16.49	17.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	16.33	16.47	17.5
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 5	10M	881.5	2525	23.15	23.21	24.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 5	10M	881.5	2525	23.06	23.12	24.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	Band 5	10M	881.5	2525	23.10	23.24	24.2

DL LTE CA Class DSI 5	PCC								SCC1				SCC2				SCC3				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up	
CA_7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	/	19.77	19.90	21	
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	/	/	/	/	/	/	/	/	19.90	20.06	21	
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	/	/	/	/	/	/	/	/	19.87	19.94	21	
CA_66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	/	/	/	/	/	/	/	/	22.13	22.30	23.2	
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	/	/	/	/	/	/	/	/	22.23	22.27	23.2	
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	/	/	/	/	/	/	/	/	21.94	22.13	23.2	
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	20.42	20.59	21.5	
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	20.50	20.57	21.5	
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	/	/	/	/	20.32	20.51	21.5	
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	99	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	21.98	22.17	23.2	
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	22.07	22.16	23.2	
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	/	/	/	/	/	/	/	/	22.17	22.30	23.2	
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	19.85	20.04	21	
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	20.07	20.08	21	
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	/	/	/	/	/	/	/	/	19.84	20.04	21	
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	22.26	22.28	23.2	
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	21.97	22.10	23.2	
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	/	/	/	/	/	/	/	/	22.10	22.25	23.2	
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	20.44	20.49	21.5	
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	20.34	20.45	21.5	
	Band 2	20M	1900	19100	QPSK	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	20.28	20.46	21.5	
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.07	22.13	23.2	
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.22	22.25	23.2	
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.92	22.10	23.2	
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.54	20.56	21.5	
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.29	20.48	21.5	
	Band 2	20M	1900	19100	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.37	20.46	21.5	
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.51	20.57	21.5	
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.26	20.41	21.5	
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.36	20.51	21.5	
	Band 7	20M	2510	20850	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.77	19.96	21	
	Band 7	20M	2535	21100	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.99	20.09	21	
	Band 7	20M	2560	21350	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.82	19.99	21	
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	20.39	20.55	21.5	
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	20.38	20.45	21.5	
	Band 2	20M	1900	19100	QPSK	1	50	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	20.38	20.50	21.5	
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	20.43	20.48	21.5	
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	20.48	20.60	21.5	
	Band 2	20M	1900	19100	QPSK	1	50	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	20.49	20.55	21.5	
	Band 66	20M	1720	132072	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.97	22.13	23.2	
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.08	22.21	23.2	
	Band 66	20M	1770	132572	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.16	22.26	23.2	
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.27	22.29	23.2	
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.22	22.30	23.2	
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.22	22.30	23.2	
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.13	22.30	23.2	

	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.11	22.16	23.2	
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.01	22.17	23.2	
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.89	19.98	21	
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.82	19.97	21	
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.98	20.01	21	
CA_5A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.98	20.00	21	
	Band 7	20M	2535	21100	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.81	19.94	21	
	Band 7	20M	2560	21350	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.93	19.99	21	
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.94	22.13	23.2	
	Band 66	20M	1745	132322	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.18	22.23	23.2	
	Band 66	20M	1770	132572	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.14	22.20	23.2	
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	19.93	20.09	21	
	Band 7	20M	2535	21100	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	19.81	20.00	21	
	Band 7	20M	2560	21350	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	19.95	19.95	21	
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	19.84	19.91	21	
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	19.91	20.08	21	
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	19.92	19.98	21	
	Band 66	20M	1720	132072	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.13	22.25	23.2	
	Band 66	20M	1745	132322	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	21.95	22.10	23.2	
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	/	/	/	/	/	20.40	20.45	21.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	/	/	/	/	/	22.24	22.24	23.2
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	/	20.38	20.51	21.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 5	10M	881.5	2525	/	/	/	/	/	22.18	22.20	23.2
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	/	/	/	/	/	20.23	20.42	21.5
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	Band 5	10M	881.5	2525	/	/	/	/	/	22.05	22.23	23.2
CA_2A-7A-7A	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	/	20.46	20.47	21.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	/	20.24	20.42	21.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	/	20.32	20.47	21.5
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	/	19.88	19.93	21
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	/	19.98	20.06	21
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	Band 2	20M	1960	900	/	/	/	/	/	20.04	20.08	21
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	/	22.09	22.28	23.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	/	22.25	22.28	23.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 5	10M	881.5	2525	/	/	/	/	/	22.03	22.12	23.2
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	/	22.20	22.26	23.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	/	22.02	22.11	23.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 7	20M	2655	3100	/	/	/	/	/	22.07	22.22	23.2
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	/	20.02	20.06	21
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	/	19.88	19.91	21
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	/	20.02	20.08	21
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	Band 5	10M	881.5	2525	/	/	/	/	/	19.88	19.93	21
	Band 66	20M	1745	132322	QPSK	1	99	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	/	22.07	22.14	23.2
CA_5A-66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	/	22.09	22.11	23.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	/	22.13	22.29	23.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	/	22.16	22.17	23.2
CA_7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	/	19.78	19.98	21
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	/	19.99	20.05	21

	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	19.91	20.01	21
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	22.06	22.20	23.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	22.12	22.18	23.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	22.10	22.25	23.2
CA_2A-7C	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	20.44	20.57	21.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	20.40	20.45	21.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	20.46	20.55	21.5
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 2	20M	1960	900	/	/	/	/	19.90	19.94	21
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	/	/	/	/	19.92	19.92	21
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 2	20M	1960	900	/	/	/	/	19.84	19.91	21
CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	21.92	22.12	23.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	22.07	22.21	23.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	22.21	22.21	23.2
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 4	20M	2132.5	2175	/	/	/	/	19.74	19.93	21
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	/	/	/	/	19.97	19.98	21
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 4	20M	2132.5	2175	/	/	/	/	19.79	19.93	21
CA_5A-7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	/	/	/	/	19.90	20.05	21
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	/	/	/	/	19.83	19.96	21
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 5	10M	881.5	2525	/	/	/	/	19.87	20.01	21
CA_5A-66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	Band 5	10M	881.5	2525	/	/	/	/	22.19	22.24	23.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	Band 5	10M	881.5	2525	/	/	/	/	22.11	22.20	23.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	Band 5	10M	881.5	2525	/	/	/	/	22.20	22.20	23.2
CA_7C-66A	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	/	/	/	/	19.85	20.00	21
CA_5A-7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	20.04	20.08	21
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	19.95	19.98	21
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	19.81	19.95	21
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 5	10M	881.5	2525	22.12	22.28	23.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 5	10M	881.5	2525	22.15	22.22	23.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	Band 5	10M	881.5	2525	22.00	22.18	23.2

DL LTE CA Class DSI 8/9/10	PCC							SCC1				SCC2				SCC3				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	/	18.48	18.48	19.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	/	/	/	/	/	/	/	/	18.46	18.57	19.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	/	/	/	/	/	/	/	/	18.42	18.58	19.5
CA_66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	/	/	/	/	/	/	/	/	20.69	20.78	21.7
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	/	/	/	/	/	/	/	/	20.49	20.62	21.7
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	/	/	/	/	/	/	/	/	20.64	20.71	21.7
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	19.56	19.58	20.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	19.34	19.40	20.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	/	/	/	/	19.41	19.42	20.5
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	99	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	20.55	20.74	21.7
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	20.58	20.78	21.7
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	/	/	/	/	/	/	/	/	20.73	20.73	21.7
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	18.42	18.51	19.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	18.41	18.42	19.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	/	/	/	/	/	/	/	/	18.58	18.58	19.5
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	20.60	20.60	21.7



	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	20.48	20.63	21.7
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	/	/	/	/	/	/	/	/	20.71	20.76	21.7
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.31	19.48	20.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.38	19.58	20.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.41	19.55	20.5
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	20.40	20.60	21.7
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	20.57	20.60	21.7
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	20.61	20.71	21.7
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.47	19.50	20.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.55	19.60	20.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.47	19.59	20.5
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.34	19.43	20.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.48	19.53	20.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.39	19.56	20.5
	Band 7	20M	2510	20850	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	18.38	18.57	19.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	18.35	18.41	19.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	18.30	18.40	19.5
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	19.27	19.43	20.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	19.40	19.44	20.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	19.41	19.47	20.5
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	19.53	19.58	20.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	19.42	19.46	20.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	19.37	19.44	20.5
	Band 66	20M	1720	132072	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	20.62	20.66	21.7
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	20.62	20.74	21.7
	Band 66	20M	1770	132572	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	20.65	20.72	21.7
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.58	20.70	21.7
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.71	20.71	21.7
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.44	20.62	21.7
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.47	20.63	21.7
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.58	20.69	21.7
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.47	20.61	21.7
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	18.49	18.56	19.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	18.53	18.53	19.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	18.55	18.56	19.5
CA_5A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	18.50	18.56	19.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	18.34	18.54	19.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	18.40	18.49	19.5
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.60	20.78	21.7
	Band 66	20M	1745	132322	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.70	20.80	21.7
	Band 66	20M	1770	132572	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.49	20.69	21.7
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	18.30	18.44	19.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	18.42	18.54	19.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	18.27	18.40	19.5
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	18.43	18.44	19.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	18.43	18.45	19.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	18.33	18.49	19.5
	Band 66	20M	1720	132072	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.65	20.65	21.7

	Band 66	20M	1745	132322	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.43	20.61	21.7
	Band 66	20M	1770	132572	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.64	20.67	21.7
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	/	/	/	/	19.42	19.47	20.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	/	/	/	/	20.64	20.73	21.7
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	19.52	19.59	20.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 5	10M	881.5	2525	/	/	/	/	20.64	20.64	21.7
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	/	/	/	/	19.30	19.40	20.5
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	Band 5	10M	881.5	2525	/	/	/	/	20.47	20.61	21.7
CA_2A-7A-7A	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	19.47	19.59	20.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	19.46	19.51	20.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	19.46	19.51	20.5
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	18.34	18.40	19.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	18.43	18.53	19.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	Band 2	20M	1960	900	/	/	/	/	18.56	18.60	19.5
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	20.70	20.70	21.7
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	20.50	20.65	21.7
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 5	10M	881.5	2525	/	/	/	/	20.51	20.64	21.7
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	20.58	20.72	21.7
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	20.48	20.66	21.7
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 7	20M	2655	3100	/	/	/	/	20.66	20.72	21.7
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	18.38	18.52	19.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	18.41	18.55	19.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	18.43	18.43	19.5
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	Band 5	10M	881.5	2525	/	/	/	/	18.25	18.44	19.5
	Band 66	20M	1745	132322	QPSK	1	99	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	20.62	20.74	21.7
CA_5A-66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	20.76	20.80	21.7
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	20.44	20.61	21.7
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	20.58	20.69	21.7
CA_7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	18.42	18.44	19.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	18.31	18.47	19.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	18.31	18.48	19.5
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	20.44	20.60	21.7
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	20.58	20.66	21.7
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	20.40	20.60	21.7
CA_2A-7C	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.35	19.42	20.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.35	19.41	20.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.37	19.48	20.5
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 2	20M	1960	900	/	/	/	/	18.51	18.53	19.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	/	/	/	/	18.37	18.49	19.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 2	20M	1960	900	/	/	/	/	18.55	18.57	19.5
CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	20.61	20.63	21.7
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	20.55	20.69	21.7
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	20.78	20.80	21.7
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 4	20M	2132.5	2175	/	/	/	/	18.42	18.60	19.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	/	/	/	/	18.42	18.59	19.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 4	20M	2132.5	2175	/	/	/	/	18.46	18.57	19.5
CA_5A-7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	/	/	/	/	18.40	18.57	19.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	/	/	/	/	18.44	18.44	19.5



	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 5	10M	881.5	2525	/	/	/	/	18.24	18.42	19.5
CA_5A-66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	Band 5	10M	881.5	2525	/	/	/	/	20.53	20.69	21.7
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	Band 5	10M	881.5	2525	/	/	/	/	20.70	20.77	21.7
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	Band 5	10M	881.5	2525	/	/	/	/	20.59	20.65	21.7
CA_7C-66A	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	/	/	/	/	18.43	18.43	19.5
CA_5A-7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	18.44	18.47	19.5
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	18.38	18.40	19.5
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	18.45	18.56	19.5
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 5	10M	881.5	2525	20.61	20.67	21.7
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 5	10M	881.5	2525	20.55	20.61	21.7
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	Band 5	10M	881.5	2525	20.71	20.75	21.7

## 8.2 Conducted Power of LTE Downlink CA (Ant14)

DL LTE CA Class DSI 4/5	PCC								SCC1				SCC2				SCC3				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up	
CA_7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	/	21.82	21.97	23	
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	/	/	/	/	/	/	/	/	21.90	22.00	23	
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	/	/	/	/	/	/	/	/	21.89	22.03	23	
CA_38C	Band 38	20M	2580	37850	QPSK	1	99	Band 38	20M	2599.8	38048	/	/	/	/	/	/	/	/	23.19	23.35	24.3	
	Band 38	20M	2585.1	37901	QPSK	1	99	Band 38	20M	2604.9	38099	/	/	/	/	/	/	/	/	23.21	23.27	24.3	
	Band 38	20M	2610	38150	QPSK	1	99	Band 38	20M	2590.2	37952	/	/	/	/	/	/	/	/	23.27	23.34	24.3	
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	/	/	/	/	/	/	/	/	23.04	23.20	24.3	
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	20M	2569.3	40383	/	/	/	/	/	/	/	/	23.15	23.24	24.3	
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	/	/	/	/	/	/	/	/	23.13	23.21	24.3	
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	/	/	/	/	/	/	/	/	23.06	23.20	24.3	
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	/	/	/	/	/	/	/	/	23.09	23.21	24.3	
CA_66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	/	/	/	/	/	/	/	/	21.26	21.26	22.2	
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	/	/	/	/	/	/	/	/	21.04	21.22	22.2	
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	/	/	/	/	/	/	/	/	21.17	21.24	22.2	
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	20.91	20.92	22	
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	20.85	20.98	22	
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	/	/	/	/	20.88	21.03	22	
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	99	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	21.15	21.16	22.2	
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	21.12	21.21	22.2	
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	/	/	/	/	/	/	/	/	21.13	21.29	22.2	
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	21.97	22.06	23	
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	21.74	21.94	23	
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	/	/	/	/	/	/	/	/	21.87	22.04	23	
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	23.13	23.30	24.3	
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	23.05	23.24	24.3	
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	23.21	23.28	24.3	
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	2498.5	39675	/	/	/	/	/	/	/	/	23.31	23.31	24.3	
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	2498.5	39675	/	/	/	/	/	/	/	/	23.19	23.33	24.3	
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	21.17	21.18	22.2	
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	21.21	21.30	22.2	
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	/	/	/	/	/	/	/	/	21.09	21.17	22.2	
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	20.98	21.08	22	
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	20.81	20.92	22	
	Band 2	20M	1900	19100	QPSK	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	20.87	20.93	22	
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.28	21.28	22.2	
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.27	21.29	22.2	
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.06	21.18	22.2	
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.05	21.05	22	
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.01	21.03	22	
	Band 2	20M	1900	19100	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.02	21.02	22	
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.93	21.04	22	
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.88	21.04	22	
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.87	21.07	22	
	Band 7	20M	2510	20850	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.79	21.96	23	

	Band 7	20M	2535	21100	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.88	21.95	23
	Band 7	20M	2560	21350	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.85	21.97	23
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	20.80	20.91	22
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	20.92	20.95	22
	Band 2	20M	1900	19100	QPSK	1	50	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	21.00	21.03	22
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	20.80	20.91	22
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	20.86	20.96	22
	Band 2	20M	1900	19100	QPSK	1	50	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	21.04	21.05	22
	Band 66	20M	1720	132072	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.17	21.23	22.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.02	21.14	22.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	20.93	21.12	22.2
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.17	21.30	22.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.06	21.10	22.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.26	21.30	22.2
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	21.09	21.20	22.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	21.12	21.13	22.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.99	21.17	22.2
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	21.92	21.92	23
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	21.74	21.94	23
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	21.92	22.09	23
CA_5A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.93	22.05	23
	Band 7	20M	2535	21100	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.76	21.92	23
	Band 7	20M	2560	21350	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.98	21.98	23
CA_5A-38A	Band 38	20M	2580	37850	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.28	23.32	24.3
	Band 38	20M	2595	38000	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.17	23.27	24.3
	Band 38	20M	2610	38150	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.22	23.28	24.3
CA_5A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.25	23.27	24.3
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.23	23.31	24.3
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.27	23.32	24.3
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.20	23.25	24.3
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.15	23.27	24.3
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.98	21.17	22.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.14	21.19	22.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.05	21.18	22.2
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	21.92	21.97	23
	Band 7	20M	2535	21100	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	21.89	22.08	23
	Band 7	20M	2560	21350	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	21.87	22.00	23
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	21.75	21.91	23
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	21.98	22.08	23
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	21.81	21.93	23
	Band 66	20M	1720	132072	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	21.07	21.15	22.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	21.10	21.25	22.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	21.12	21.14	22.2
CA_26A-38A	Band 38	20M	2580	37850	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.18	23.34	24.3
	Band 38	20M	2595	38000	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.20	23.28	24.3
	Band 38	20M	2610	38150	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.37	23.37	24.3
CA_26A-41A	Band 41	20M	2506	39750	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.17	23.28	24.3
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.27	23.37	24.3

	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.18	23.23	24.3
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.19	23.25	24.3
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.08	23.21	24.3
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	/	/	/	/	20.86	20.96	22
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	/	/	/	/	21.01	21.16	22.2
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	20.97	21.10	22
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 5	10M	881.5	2525	/	/	/	/	21.20	21.28	22.2
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	/	/	/	/	20.72	20.92	22
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	Band 5	10M	881.5	2525	/	/	/	/	20.92	21.12	22.2
CA_2A-7A-7A	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	20.93	21.01	22
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	20.78	20.94	22
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	20.76	20.94	22
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	21.89	22.04	23
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	21.82	21.95	23
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	Band 2	20M	1960	900	/	/	/	/	21.93	22.10	23
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	20.92	21.10	22.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	21.22	21.26	22.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 5	10M	881.5	2525	/	/	/	/	20.94	21.11	22.2
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	20.98	21.12	22.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	21.01	21.11	22.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 7	20M	2655	3100	/	/	/	/	21.03	21.19	22.2
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	21.89	22.08	23
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	21.90	21.99	23
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	21.98	22.03	23
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	Band 5	10M	881.5	2525	/	/	/	/	21.93	21.96	23
	Band 66	20M	1745	132322	QPSK	1	99	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	21.24	21.25	22.2
CA_5A-66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	21.24	21.26	22.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	21.08	21.21	22.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	20.97	21.16	22.2
CA_7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	22.03	22.10	23
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	22.00	22.09	23
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	22.01	22.07	23
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	21.16	21.24	22.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	20.96	21.15	22.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	20.99	21.14	22.2
CA_2A-7C	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	20.82	20.96	22
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	20.89	21.05	22
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	20.95	21.01	22
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 2	20M	1960	900	/	/	/	/	21.99	21.99	23
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	/	/	/	/	22.08	22.08	23
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 2	20M	1960	900	/	/	/	/	21.91	22.05	23
CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	21.21	21.22	22.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	21.23	21.28	22.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	20.92	21.11	22.2
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 4	20M	2132.5	2175	/	/	/	/	21.88	22.04	23
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	/	/	/	/	21.81	21.97	23
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 4	20M	2132.5	2175	/	/	/	/	21.84	21.97	23
CA_5A-7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	/	/	/	/	21.73	21.93	23

	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	/	/	/	/	21.97	22.10	23
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 5	10M	881.5	2525	/	/	/	/	21.91	21.96	23
CA_5A-66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	Band 5	10M	881.5	2525	/	/	/	/	21.21	21.24	22.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	Band 5	10M	881.5	2525	/	/	/	/	21.06	21.23	22.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	Band 5	10M	881.5	2525	/	/	/	/	21.17	21.17	22.2
CA_41D	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	Band 41	20M	2545.6	40146	/	/	/	/	23.28	23.32	24.3
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	20M	2569.3	40383	Band 41	20M	2589.1	40581	/	/	/	/	23.24	23.27	24.3
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	/	/	/	/	23.15	23.27	24.3
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	Band 41	20M	2676.1	41451	/	/	/	/	23.27	23.35	24.3
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	/	/	/	/	23.18	23.23	24.3
CA_41A-41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	Band 41	20M	2545.6	40146	Band 41	20M	2565.4	40344	23.08	23.23	24.3
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	20M	2569.3	40383	Band 41	20M	2589.1	40581	Band 41	20M	2608.9	40779	23.21	23.31	24.3
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	Band 41	20M	2652.4	41214	23.13	23.24	24.3
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	Band 41	20M	2676.1	41451	Band 41	20M	2695.9	41649	23.21	23.40	24.3
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41490	Band 41	20M	2660.2	41688	23.21	23.36	24.3
CA_7C-66A	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	/	/	/	/	21.90	21.96	23
CA_5A-7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	21.98	21.98	23
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	21.95	22.09	23
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	21.85	21.97	23
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 5	10M	881.5	2525	21.22	21.26	22.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 5	10M	881.5	2525	21.09	21.11	22.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	Band 5	10M	881.5	2525	21.08	21.14	22.2

DL LTE CA Class DSI 8/9/10	PCC								SCC1				SCC2				SCC3				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up	
CA_7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	/	19.95	19.99	21	
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	/	/	/	/	/	/	/	/	19.95	19.99	21	
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	/	/	/	/	/	/	/	/	19.89	20.09	21	
CA_38C	Band 38	20M	2580	37850	QPSK	1	99	Band 38	20M	2599.8	38048	/	/	/	/	/	/	/	/	21.23	21.25	22.3	
	Band 38	20M	2585.1	37901	QPSK	1	99	Band 38	20M	2604.9	38099	/	/	/	/	/	/	/	/	21.29	21.33	22.3	
	Band 38	20M	2610	38150	QPSK	1	99	Band 38	20M	2590.2	37952	/	/	/	/	/	/	/	/	21.06	21.23	22.3	
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	/	/	/	/	/	/	/	/	21.03	21.23	22.3	
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	20M	2569.3	40383	/	/	/	/	/	/	/	/	21.33	21.35	22.3	
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	/	/	/	/	/	/	/	/	21.40	21.40	22.3	
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	/	/	/	/	/	/	/	/	21.19	21.26	22.3	
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	/	/	/	/	/	/	/	/	21.23	21.34	22.3	
CA_66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	/	/	/	/	/	/	/	/	19.60	19.62	20.7	
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	/	/	/	/	/	/	/	/	19.76	19.78	20.7	
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	/	/	/	/	/	/	/	/	19.58	19.73	20.7	
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	19.35	19.54	20.5	
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	19.44	19.46	20.5	
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	/	/	/	/	19.49	19.55	20.5	
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	99	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	19.60	19.76	20.7	
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	19.68	19.71	20.7	
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	/	/	/	/	/	/	/	/	19.67	19.69	20.7	
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	19.88	20.08	21	
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	20.05	20.09	21	
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	/	/	/	/	/	/	/	/	20.03	20.07	21	

CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	21.18	21.28	22.3
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	21.33	21.37	22.3
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	21.25	21.28	22.3
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	2498.5	39675	/	/	/	/	/	/	/	/	21.22	21.27	22.3
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	2498.5	39675	/	/	/	/	/	/	/	/	21.19	21.35	22.3
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	19.60	19.69	20.7
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	19.53	19.70	20.7
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	/	/	/	/	/	/	/	/	19.68	19.70	20.7
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.42	19.49	20.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.53	19.59	20.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.45	19.55	20.5
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.79	19.80	20.7
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.57	19.68	20.7
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.52	19.63	20.7
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.51	19.60	20.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.48	19.51	20.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.49	19.52	20.5
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.24	19.40	20.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.42	19.44	20.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.55	19.58	20.5
	Band 7	20M	2510	20850	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.75	19.95	21
	Band 7	20M	2535	21100	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	20.05	20.05	21
	Band 7	20M	2560	21350	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.76	19.91	21
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	19.48	19.54	20.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	19.37	19.45	20.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	19.41	19.52	20.5
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	19.29	19.48	20.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	19.47	19.49	20.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	19.42	19.60	20.5
	Band 66	20M	1720	132072	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.79	19.80	20.7
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.45	19.64	20.7
	Band 66	20M	1770	132572	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.53	19.68	20.7
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.59	19.78	20.7
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.72	19.74	20.7
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.50	19.60	20.7
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.78	19.78	20.7
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.52	19.70	20.7
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.45	19.65	20.7
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.90	19.94	21
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.87	19.94	21
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.96	19.96	21
CA_5A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.98	19.99	21
	Band 7	20M	2535	21100	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.91	19.91	21
	Band 7	20M	2560	21350	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.89	19.91	21
CA_5A-38A	Band 38	20M	2580	37850	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.19	21.29	22.3
	Band 38	20M	2595	38000	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.15	21.26	22.3
	Band 38	20M	2610	38150	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.08	21.25	22.3
CA_5A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.26	21.30	22.3



	Band 41	20M	2549.5	40185	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	21.32	21.36	22.3	
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	21.31	21.40	22.3	
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	21.10	21.21	22.3	
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	21.33	21.34	22.3	
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	19.74	19.79	20.7	
	Band 66	20M	1745	132322	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	19.74	19.79	20.7	
	Band 66	20M	1770	132572	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	19.72	19.74	20.7	
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	20.00	20.10	21	
	Band 7	20M	2535	21100	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	19.96	20.10	21	
	Band 7	20M	2560	21350	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	19.96	20.03	21	
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	19.99	20.08	21	
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	19.90	20.05	21	
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	19.95	20.02	21	
	Band 66	20M	1720	132072	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	19.65	19.65	20.7	
	Band 66	20M	1745	132322	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	19.60	19.69	20.7	
	Band 66	20M	1770	132572	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	19.66	19.74	20.7	
CA_26A-38A	Band 38	20M	2580	37850	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	21.17	21.25	22.3	
	Band 38	20M	2595	38000	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	21.34	21.36	22.3	
	Band 38	20M	2610	38150	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	21.31	21.36	22.3	
CA_26A-41A	Band 41	20M	2506	39750	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	21.14	21.30	22.3	
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	21.03	21.20	22.3	
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	21.25	21.33	22.3	
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	21.16	21.30	22.3	
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	21.03	21.20	22.3	
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	/	/	/	/	19.40	19.60	20.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	/	/	/	/	19.63	19.78	20.7
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	19.37	19.46	20.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 5	10M	881.5	2525	/	/	/	/	19.50	19.65	20.7
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	/	/	/	/	19.40	19.43	20.5
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	Band 5	10M	881.5	2525	/	/	/	/	19.48	19.66	20.7
CA_2A-7A-7A	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	19.37	19.57	20.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	19.40	19.57	20.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	19.43	19.48	20.5
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	20.00	20.06	21
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	19.96	20.02	21
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	Band 2	20M	1960	900	/	/	/	/	19.88	19.93	21
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	19.46	19.61	20.7
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	19.49	19.62	20.7
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 5	10M	881.5	2525	/	/	/	/	19.74	19.77	20.7
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	19.64	19.78	20.7
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	19.49	19.60	20.7
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 7	20M	2655	3100	/	/	/	/	19.55	19.70	20.7
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	20.00	20.03	21
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	19.82	19.90	21
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	19.97	20.01	21
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	Band 5	10M	881.5	2525	/	/	/	/	19.92	20.01	21
	Band 66	20M	1745	132322	QPSK	1	99	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	19.62	19.75	20.7
CA_5A-66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	19.61	19.79	20.7

	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	19.60	19.74	20.7
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	19.56	19.72	20.7
CA_7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	19.94	19.94	21
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	19.92	19.93	21
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	19.94	19.95	21
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	19.63	19.63	20.7
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	19.55	19.69	20.7
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	19.61	19.76	20.7
CA_2A-7C	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.49	19.50	20.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.34	19.40	20.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.49	19.57	20.5
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 2	20M	1960	900	/	/	/	/	20.08	20.09	21
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	/	/	/	/	19.85	19.97	21
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 2	20M	1960	900	/	/	/	/	19.95	19.96	21
CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.53	19.66	20.7
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.67	19.75	20.7
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.63	19.79	20.7
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 4	20M	2132.5	2175	/	/	/	/	19.90	19.99	21
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	/	/	/	/	20.02	20.09	21
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 4	20M	2132.5	2175	/	/	/	/	20.00	20.01	21
CA_5A-7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	/	/	/	/	19.86	19.95	21
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	/	/	/	/	19.84	19.94	21
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 5	10M	881.5	2525	/	/	/	/	19.70	19.90	21
CA_5A-66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	Band 5	10M	881.5	2525	/	/	/	/	19.62	19.74	20.7
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	Band 5	10M	881.5	2525	/	/	/	/	19.54	19.73	20.7
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	Band 5	10M	881.5	2525	/	/	/	/	19.43	19.62	20.7
CA_41D	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	Band 41	20M	2545.6	40146	/	/	/	/	21.03	21.23	22.3
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	20M	2569.3	40383	Band 41	20M	2589.1	40581	/	/	/	/	21.26	21.26	22.3
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	/	/	/	/	21.30	21.40	22.3
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	Band 41	20M	2676.1	41451	/	/	/	/	21.25	21.26	22.3
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	/	/	/	/	21.19	21.37	22.3
CA_41A-41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	Band 41	20M	2545.6	40146	Band 41	20M	2565.4	40344	21.35	21.36	22.3
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	20M	2569.3	40383	Band 41	20M	2589.1	40581	Band 41	20M	2608.9	40779	21.23	21.26	22.3
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	Band 41	20M	2652.4	41214	21.05	21.24	22.3
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	Band 41	20M	2676.1	41451	Band 41	20M	2695.9	41649	21.12	21.25	22.3
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41490	Band 41	20M	2660.2	41688	21.26	21.38	22.3
CA_7C-66A	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	/	/	/	/	19.88	20.01	21
CA_5A-7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	19.91	20.06	21
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	19.81	19.93	21
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	19.82	19.98	21
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 5	10M	881.5	2525	19.51	19.60	20.7
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 5	10M	881.5	2525	19.54	19.64	20.7
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	Band 5	10M	881.5	2525	19.52	19.62	20.7