

		25	25	18.83	18.94	18.81	20.00
		50	0	19.00	18.88	18.95	20.00
	64QAM	1	0	19.18	18.97	19.00	20.00
		1	25	18.96	18.84	18.84	20.00
		1	49	19.24	19.06	18.91	20.00
		25	0	19.15	19.03	18.86	20.00
		25	13	19.04	18.94	18.87	20.00
		25	25	18.89	18.88	18.92	20.00
		50	0	19.01	18.96	18.91	20.00
		1	0	18.24	18.12	18.01	19.00
	256QAM	1	25	18.24	18.02	18.07	19.00
		1	49	18.22	18.11	17.87	19.00
		25	0	17.94	17.91	17.71	19.00
		25	13	17.89	17.84	17.82	19.00
		25	25	17.89	18.00	17.75	19.00
		50	0	17.89	17.83	17.82	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	18.87	18.77	18.73	20.00
		1	38	18.63	18.77	18.79	20.00
		1	74	18.91	18.92	18.87	20.00
		36	0	18.94	19.06	18.70	20.00
		36	18	18.91	18.89	18.83	20.00
		36	39	19.02	18.92	18.82	20.00
		75	0	18.99	18.84	18.96	20.00
	16QAM	1	0	19.07	19.05	18.94	20.00
		1	38	19.03	19.06	18.76	20.00
		1	74	19.07	18.99	18.91	20.00
		36	0	19.09	18.99	18.93	20.00
		36	18	18.99	18.79	18.96	20.00
		36	39	18.83	18.99	18.95	20.00
		75	0	18.98	18.95	18.96	20.00
	64QAM	1	0	19.16	19.05	18.91	20.00
		1	38	19.02	18.89	18.80	20.00
		1	74	19.17	19.11	19.05	20.00
		36	0	19.13	19.06	18.86	20.00
		36	18	18.99	18.92	18.99	20.00
		36	39	18.83	18.87	18.91	20.00
		75	0	18.99	18.90	18.91	20.00
	256QAM	1	0	18.33	18.17	18.01	19.00
		1	38	18.20	18.04	17.96	19.00
		1	74	18.28	18.18	17.89	19.00
		36	0	17.92	17.88	17.69	19.00
		36	18	17.96	17.85	17.85	19.00
		36	39	17.88	17.93	17.82	19.00
		75	0	17.92	17.70	17.80	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	18.77	18.82	18.75	20.00
		1	50	18.70	18.75	18.76	20.00
		1	99	18.99	18.98	18.84	20.00
		50	0	18.99	18.94	18.65	20.00
		50	25	19.00	18.95	18.87	20.00
		50	50	19.04	18.91	18.88	20.00
		100	0	18.99	18.80	18.94	20.00
	16QAM	1	0	19.07	18.93	18.87	20.00
		1	50	19.06	18.97	18.83	20.00
		1	99	19.04	19.00	18.99	20.00
		50	0	19.04	18.96	18.86	20.00
		50	25	18.96	18.83	18.92	20.00
		50	50	18.86	18.94	18.88	20.00
		100	0	19.03	18.88	18.90	20.00
	64QAM	1	0	19.14	19.02	19.00	20.00
		1	50	19.00	18.86	18.85	20.00
		1	99	19.20	19.14	19.03	20.00
		50	0	19.08	19.13	18.87	20.00
		50	25	19.02	18.87	18.92	20.00
		50	50	18.91	18.90	18.92	20.00
		100	0	18.97	18.88	18.92	20.00
	256QAM	1	0	18.27	18.15	18.02	19.00
		1	50	18.18	18.06	18.01	19.00
		1	99	18.21	18.17	17.94	19.00
		50	0	17.87	17.88	17.66	19.00
		50	25	17.96	17.87	17.81	19.00
		50	50	17.86	17.97	17.79	19.00
		100	0	17.93	17.76	17.75	19.00

LTE Band 7 DSI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.29	21.36	21.13	22.50
		1	13	21.26	21.25	21.05	22.50
		1	24	21.46	21.39	21.36	22.50
		12	0	21.39	21.44	21.27	22.50
		12	6	21.51	21.28	21.42	22.50
		12	13	21.46	21.35	21.26	22.50
		25	0	21.43	21.27	21.40	22.50
	16QAM	1	0	21.51	21.33	21.29	22.50
		1	13	21.50	21.33	21.32	22.50
		1	24	21.59	21.46	21.32	22.50
		12	0	20.95	21.00	20.84	22.00
		12	6	20.90	20.76	20.88	22.00
		12	13	20.77	20.85	20.85	22.00
		25	0	20.97	20.93	20.90	22.00
	64QAM	1	0	21.09	20.89	20.98	22.00
		1	13	20.93	20.95	20.76	22.00
		1	24	21.07	21.10	20.98	22.00
		12	0	20.07	20.00	19.82	21.00
		12	6	20.03	19.76	19.93	21.00
		12	13	19.92	19.87	19.79	21.00
		25	0	20.05	19.76	19.88	21.00
	256QAM	1	0	18.28	18.07	18.03	19.00
		1	13	18.18	17.99	17.97	19.00
		1	24	18.24	18.20	18.08	19.00
		12	0	17.91	17.79	17.78	19.00
		12	6	17.91	17.85	17.80	19.00
		12	13	17.84	17.94	17.84	19.00
		25	0	17.89	17.81	17.70	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	21.20	21.34	21.21	22.50
		1	25	21.23	21.29	21.05	22.50
		1	49	21.37	21.29	21.41	22.50
		25	0	21.44	21.42	21.24	22.50
		25	13	21.45	21.32	21.37	22.50
		25	25	21.50	21.36	21.28	22.50
		50	0	21.45	21.23	21.33	22.50
	16QAM	1	0	21.42	21.44	21.30	22.50
		1	25	21.56	21.40	21.28	22.50
		1	49	21.57	21.42	21.31	22.50
		25	0	20.92	21.00	20.79	22.00
		25	13	20.90	20.80	20.94	22.00

		25	25	20.89	20.86	20.85	22.00
		50	0	21.01	20.89	20.93	22.00
	64QAM	1	0	21.10	20.97	21.00	22.00
		1	25	20.88	20.92	20.86	22.00
		1	49	21.05	21.02	20.92	22.00
		25	0	20.06	19.97	19.95	21.00
		25	13	19.97	19.81	19.82	21.00
		25	25	20.02	19.85	19.82	21.00
		50	0	19.98	19.82	19.90	21.00
	256QAM	1	0	18.24	18.00	17.99	19.00
		1	25	18.12	17.99	17.93	19.00
		1	49	18.26	18.21	18.04	19.00
		25	0	17.92	17.83	17.71	19.00
		25	13	17.94	17.87	17.90	19.00
		25	25	17.91	17.92	17.78	19.00
		50	0	17.86	17.89	17.77	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.28	21.37	21.24	22.50
		1	38	21.21	21.23	21.06	22.50
		1	74	21.45	21.27	21.31	22.50
		36	0	21.38	21.38	21.27	22.50
		36	18	21.46	21.35	21.29	22.50
		36	39	21.50	21.31	21.33	22.50
		75	0	21.37	21.28	21.29	22.50
	16QAM	1	0	21.44	21.43	21.36	22.50
		1	38	21.59	21.32	21.33	22.50
		1	74	21.56	21.51	21.41	22.50
		36	0	20.92	20.89	20.91	22.00
		36	18	20.94	20.82	20.93	22.00
		36	39	20.83	20.94	20.79	22.00
		75	0	21.05	20.81	20.87	22.00
	64QAM	1	0	21.07	20.99	20.86	22.00
		1	38	20.95	20.87	20.75	22.00
		1	74	21.11	20.98	20.98	22.00
		36	0	20.00	19.97	19.88	21.00
		36	18	20.05	19.88	19.85	21.00
		36	39	19.91	19.93	19.78	21.00
		75	0	20.05	19.76	19.86	21.00
	256QAM	1	0	18.22	18.00	18.03	19.00
		1	38	18.14	18.00	18.02	19.00
		1	74	18.29	18.16	18.03	19.00
		36	0	17.89	17.79	17.78	19.00
		36	18	18.01	17.80	17.87	19.00
		36	39	17.90	17.92	17.86	19.00
		75	0	17.88	17.80	17.77	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.26	21.31	21.18	22.50
		1	50	21.19	21.23	21.11	22.50
		1	99	21.41	21.34	21.35	22.50
		50	0	21.41	21.43	21.22	22.50
		50	25	21.48	21.34	21.35	22.50
		50	50	21.43	21.37	21.30	22.50
		100	0	21.40	21.30	21.36	22.50
	16QAM	1	0	21.45	21.39	21.32	22.50
		1	50	21.55	21.38	21.32	22.50
		1	99	21.59	21.48	21.37	22.50
		50	0	20.95	20.93	20.85	22.00
		50	25	20.96	20.81	20.90	22.00
		50	50	20.84	20.92	20.82	22.00
		100	0	21.01	20.87	20.87	22.00
	64QAM	1	0	21.09	20.94	20.93	22.00
		1	50	20.93	20.88	20.81	22.00
		1	99	21.11	21.04	20.92	22.00
		50	0	20.03	19.96	19.88	21.00
		50	25	19.99	19.83	19.88	21.00
		50	50	19.97	19.92	19.82	21.00
		100	0	20.02	19.78	19.88	21.00
	256QAM	1	0	18.28	18.07	18.05	19.00
		1	50	18.13	18.06	18.00	19.00
		1	99	18.26	18.21	18.03	19.00
		50	0	17.92	17.85	17.73	19.00
		50	25	17.95	17.86	17.87	19.00
		50	50	17.90	17.92	17.84	19.00
		100	0	17.89	17.82	17.77	19.00

LTE Band 7 DSI 5/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.71	19.74	19.75	21.00
		1	13	19.62	19.77	19.70	21.00
		1	24	19.84	19.96	19.80	21.00
		12	0	19.91	19.96	19.58	21.00
		12	6	19.99	19.80	19.84	21.00
		12	13	19.98	19.85	19.74	21.00
		25	0	19.97	19.69	19.88	21.00
	16QAM	1	0	20.02	19.86	19.80	21.00
		1	13	19.98	19.98	19.86	21.00
		1	24	20.09	20.00	20.01	21.00
		12	0	19.99	19.81	19.77	21.00
		12	6	19.93	19.74	19.94	21.00
		12	13	19.81	19.93	19.88	21.00
		25	0	19.99	19.94	19.92	21.00
	64QAM	1	0	20.11	19.87	19.95	21.00
		1	13	19.88	19.84	19.78	21.00
		1	24	20.21	20.02	19.97	21.00
		12	0	20.00	20.07	19.83	21.00
		12	6	20.02	19.79	19.91	21.00
		12	13	19.91	19.82	19.84	21.00
		25	0	20.02	19.91	19.81	21.00
	256QAM	1	0	18.26	18.11	17.96	19.00
		1	13	18.12	18.00	18.08	19.00
		1	24	18.28	18.14	17.93	19.00
		12	0	17.80	17.83	17.64	19.00
		12	6	18.03	17.84	17.79	19.00
		12	13	17.93	18.04	17.77	19.00
		25	0	17.90	17.78	17.68	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	19.75	19.70	19.68	21.00
		1	25	19.65	19.73	19.65	21.00
		1	49	19.95	19.95	19.84	21.00
		25	0	20.04	19.99	19.71	21.00
		25	13	20.01	19.89	19.86	21.00
		25	25	19.96	19.88	19.82	21.00
		50	0	19.87	19.76	19.96	21.00
	16QAM	1	0	20.02	19.92	19.88	21.00
		1	25	20.07	20.03	19.72	21.00
		1	49	20.03	20.02	19.91	21.00
		25	0	19.90	19.95	19.77	21.00
		25	13	19.94	19.77	19.97	21.00

		25	25	19.80	19.91	19.78	21.00
		50	0	19.95	19.81	19.89	21.00
	64QAM	1	0	20.16	19.93	19.99	21.00
		1	25	19.88	19.83	19.75	21.00
		1	49	20.16	20.00	19.89	21.00
		25	0	20.09	20.02	19.78	21.00
		25	13	20.01	19.86	19.85	21.00
		25	25	19.86	19.82	19.86	21.00
		50	0	19.93	19.87	19.89	21.00
	256QAM	1	0	18.24	18.12	18.01	19.00
		1	25	18.24	18.02	18.07	19.00
		1	49	18.22	18.11	17.87	19.00
		25	0	17.94	17.91	17.71	19.00
		25	13	17.89	17.84	17.82	19.00
		25	25	17.89	18.00	17.75	19.00
		50	0	17.89	17.83	17.82	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.78	19.71	19.66	21.00
		1	38	19.62	19.76	19.70	21.00
		1	74	19.89	19.87	19.86	21.00
		36	0	19.90	19.97	19.66	21.00
		36	18	19.88	19.87	19.77	21.00
		36	39	20.01	19.90	19.77	21.00
		75	0	19.97	19.78	19.92	21.00
	16QAM	1	0	20.02	19.96	19.91	21.00
		1	38	19.95	19.99	19.75	21.00
		1	74	20.01	19.92	19.87	21.00
		36	0	20.01	19.90	19.84	21.00
		36	18	19.98	19.75	19.92	21.00
		36	39	19.75	19.95	19.87	21.00
		75	0	19.96	19.89	19.87	21.00
	64QAM	1	0	20.13	19.96	19.88	21.00
		1	38	19.95	19.83	19.77	21.00
		1	74	20.15	20.10	19.99	21.00
		36	0	20.08	20.00	19.81	21.00
		36	18	19.98	19.87	19.98	21.00
		36	39	19.82	19.81	19.89	21.00
		75	0	19.96	19.88	19.84	21.00
	256QAM	1	0	18.33	18.17	18.01	19.00
		1	38	18.20	18.04	17.96	19.00
		1	74	18.28	18.18	17.89	19.00
		36	0	17.92	17.88	17.69	19.00
		36	18	17.96	17.85	17.85	19.00
		36	39	17.88	17.93	17.82	19.00
		75	0	17.92	17.70	17.80	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	19.74	19.73	19.72	21.00
		1	50	19.66	19.74	19.67	21.00
		1	99	19.91	19.92	19.83	21.00
		50	0	19.97	19.92	19.64	21.00
		50	25	19.94	19.87	19.81	21.00
		50	50	20.01	19.84	19.81	21.00
		100	0	19.92	19.71	19.91	21.00
	16QAM	1	0	19.99	19.92	19.84	21.00
		1	50	20.00	19.96	19.79	21.00
		1	99	20.02	19.97	19.94	21.00
		50	0	19.96	19.88	19.83	21.00
		50	25	19.93	19.77	19.90	21.00
		50	50	19.81	19.88	19.82	21.00
		100	0	19.95	19.87	19.88	21.00
	64QAM	1	0	20.09	19.93	19.93	21.00
		1	50	19.93	19.83	19.81	21.00
		1	99	20.16	20.05	19.96	21.00
		50	0	20.03	20.05	19.85	21.00
		50	25	20.00	19.86	19.91	21.00
		50	50	19.89	19.88	19.83	21.00
		100	0	19.96	19.84	19.87	21.00
	256QAM	1	0	18.27	18.15	18.02	19.00
		1	50	18.18	18.06	18.01	19.00
		1	99	18.21	18.17	17.94	19.00
		50	0	17.87	17.88	17.66	19.00
		50	25	17.96	17.87	17.81	19.00
		50	50	17.86	17.97	17.79	19.00
		100	0	17.93	17.76	17.75	19.00

LTE Band 7 DSI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.85	22.69	22.64	24.00
		1	13	22.73	22.70	22.69	24.00
		1	24	22.86	22.87	22.80	24.00
		12	0	21.91	21.96	21.72	23.00
		12	6	21.92	21.85	21.74	23.00
		12	13	21.87	21.89	21.76	23.00
		25	0	21.93	21.85	21.80	23.00
	16QAM	1	0	22.01	21.89	21.81	23.00
		1	13	22.06	21.78	21.77	23.00
		1	24	22.11	21.92	21.98	23.00
		12	0	21.05	20.96	20.83	22.00
		12	6	20.90	20.83	20.83	22.00
		12	13	20.83	20.92	20.83	22.00
		25	0	21.06	20.85	20.86	22.00
	64QAM	1	0	21.13	21.00	20.95	22.00
		1	13	20.96	20.83	20.85	22.00
		1	24	21.14	20.96	20.95	22.00
		12	0	20.00	19.98	19.88	21.00
		12	6	19.97	19.79	19.92	21.00
		12	13	19.90	19.94	19.83	21.00
		25	0	20.02	19.75	19.80	21.00
	256QAM	1	0	18.29	18.08	18.11	19.00
		1	13	18.08	18.18	17.92	19.00
		1	24	18.15	18.16	18.05	19.00
		12	0	17.96	17.92	17.76	19.00
		12	6	18.03	17.77	17.79	19.00
		12	13	17.93	17.94	17.72	19.00
		25	0	17.90	17.83	17.75	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	22.78	22.74	22.70	24.00
		1	25	22.79	22.76	22.63	24.00
		1	49	22.90	22.82	22.88	24.00
		25	0	21.92	21.86	21.72	23.00
		25	13	21.91	21.78	21.78	23.00
		25	25	21.88	21.88	21.86	23.00
		50	0	21.98	21.87	21.86	23.00
	16QAM	1	0	21.98	21.92	21.77	23.00
		1	25	21.96	21.78	21.78	23.00
		1	49	22.17	21.99	21.93	23.00
		25	0	21.04	20.90	20.78	22.00
		25	13	20.89	20.89	20.88	22.00

		25	25	20.89	20.89	20.89	22.00
		50	0	21.03	20.96	20.95	22.00
	64QAM	1	0	21.08	20.94	20.87	22.00
		1	25	20.92	20.82	20.82	22.00
		1	49	21.15	21.05	20.98	22.00
		25	0	19.98	19.95	19.78	21.00
		25	13	19.90	19.90	19.84	21.00
		25	25	19.92	19.88	19.78	21.00
		50	0	19.94	19.88	19.81	21.00
	256QAM	1	0	18.31	18.05	18.01	19.00
		1	25	18.16	18.07	17.93	19.00
		1	49	18.16	18.13	18.04	19.00
		25	0	17.92	17.93	17.73	19.00
		25	13	18.03	17.81	17.91	19.00
		25	25	17.90	17.91	17.86	19.00
		50	0	17.98	17.75	17.72	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.74	22.79	22.63	24.00
		1	38	22.71	22.72	22.59	24.00
		1	74	22.97	22.83	22.78	24.00
		36	0	21.94	21.95	21.70	23.00
		36	18	22.01	21.85	21.77	23.00
		36	39	21.83	21.85	21.75	23.00
		75	0	21.89	21.86	21.86	23.00
	16QAM	1	0	21.99	21.86	21.75	23.00
		1	38	22.03	21.80	21.83	23.00
		1	74	22.15	21.95	21.97	23.00
		36	0	21.04	20.88	20.86	22.00
		36	18	20.97	20.80	20.94	22.00
		36	39	20.85	20.85	20.76	22.00
		75	0	20.97	20.83	20.82	22.00
	64QAM	1	0	21.04	21.03	20.86	22.00
		1	38	20.88	20.77	20.77	22.00
		1	74	21.06	21.02	20.95	22.00
		36	0	19.95	19.90	19.80	21.00
		36	18	19.96	19.89	19.84	21.00
		36	39	19.99	19.93	19.87	21.00
		75	0	19.93	19.85	19.85	21.00
	256QAM	1	0	18.31	18.09	18.06	19.00
		1	38	18.17	18.16	17.99	19.00
		1	74	18.22	18.13	18.00	19.00
		36	0	17.87	17.91	17.74	19.00
		36	18	17.92	17.77	17.91	19.00
		36	39	17.86	17.94	17.74	19.00
		75	0	17.94	17.82	17.79	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.78	22.76	22.65	24.00
		1	50	22.74	22.74	22.64	24.00
		1	99	22.92	22.86	22.82	24.00
		50	0	21.93	21.91	21.75	23.00
		50	25	21.97	21.84	21.80	23.00
		50	50	21.89	21.88	21.79	23.00
		100	0	21.95	21.84	21.83	23.00
	16QAM	1	0	21.98	21.93	21.82	23.00
		1	50	22.02	21.83	21.81	23.00
		1	99	22.11	21.98	21.92	23.00
		50	0	20.99	20.94	20.82	22.00
		50	25	20.96	20.85	20.87	22.00
		50	50	20.87	20.90	20.83	22.00
		100	0	21.00	20.89	20.88	22.00
	64QAM	1	0	21.06	20.97	20.92	22.00
		1	50	20.93	20.84	20.80	22.00
		1	99	21.08	21.02	20.96	22.00
		50	0	20.00	19.97	19.85	21.00
		50	25	19.96	19.86	19.86	21.00
		50	50	19.94	19.89	19.81	21.00
		100	0	19.98	19.82	19.85	21.00
	256QAM	1	0	18.26	18.12	18.06	19.00
		1	50	18.13	18.11	17.98	19.00
		1	99	18.22	18.18	18.07	19.00
		50	0	17.93	17.86	17.77	19.00
		50	25	17.98	17.82	17.86	19.00
		50	50	17.91	17.88	17.79	19.00
		100	0	17.92	17.81	17.79	19.00

6 Conducted Power of Inter Band LTE Uplink CA

6.1 Conducted Power of LTE Uplink CA (Ant12)

LTE Band 4 DSI 2/3/4/5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.94	19.93	20.08	21.50
		1	2	19.93	19.86	19.83	21.50
		1	5	19.83	19.84	19.86	21.50
		3	0	19.83	19.95	20.07	21.50
		3	2	19.91	19.98	20.05	21.50
		3	3	19.94	19.96	20.06	21.50
		6	0	18.99	18.97	18.90	20.50
	16QAM	1	0	18.90	19.02	19.11	20.50
		1	2	18.95	19.05	18.92	20.50
		1	5	18.94	18.86	18.95	20.50
		3	0	18.88	18.92	18.90	20.50
		3	2	18.90	18.93	18.97	20.50
		3	3	18.98	18.96	19.01	20.50
		6	0	17.97	17.99	17.88	19.50
	64QAM	1	0	17.89	18.01	17.99	19.50
		1	2	17.90	17.96	17.92	19.50
		1	5	18.06	17.98	18.09	19.50
		3	0	17.94	17.95	18.06	19.50
		3	2	18.03	17.99	18.05	19.50
		3	3	17.98	17.97	18.08	19.50
		6	0	16.96	16.98	16.99	18.50
	256QAM	1	0	15.14	15.14	15.28	16.50
		1	2	15.10	15.24	15.16	16.50
		1	5	15.23	15.14	15.19	16.50
		3	0	14.98	15.01	15.06	16.50
		3	2	15.10	15.11	15.07	16.50
		3	3	14.95	15.02	15.02	16.50
		6	0	15.02	14.99	14.90	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	19.90	19.95	20.11	21.50
		1	7	19.93	19.80	19.87	21.50
		1	14	19.77	19.88	19.82	21.50
		8	0	18.88	18.89	18.96	20.50
		8	4	18.96	19.09	19.11	20.50
		8	7	18.97	18.99	19.07	20.50
		15	0	18.95	18.95	18.91	20.50
	16QAM	1	0	18.92	19.02	18.99	20.50
		1	7	18.97	19.01	19.04	20.50
		1	14	18.86	18.94	18.96	20.50

		8	0	17.88	18.03	18.02	19.50
		8	4	17.96	17.97	18.01	19.50
		8	7	17.94	18.01	18.05	19.50
		15	0	18.02	18.05	17.88	19.50
	64QAM	1	0	17.96	18.05	18.06	19.50
		1	7	17.91	17.89	18.01	19.50
		1	14	17.93	18.05	18.10	19.50
		8	0	17.00	17.01	16.94	18.50
		8	4	17.05	17.00	17.19	18.50
		8	7	16.93	17.06	17.08	18.50
		15	0	16.98	17.05	16.95	18.50
	256QAM	1	0	15.12	15.16	15.25	16.50
		1	7	15.12	15.25	15.24	16.50
		1	14	15.14	15.12	15.26	16.50
		8	0	14.96	14.95	15.03	16.50
		8	4	15.00	15.03	15.02	16.50
		8	7	14.88	15.04	14.96	16.50
		15	0	14.94	14.97	14.90	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.94	19.96	20.06	21.50
		1	13	19.84	19.86	19.87	21.50
		1	24	19.87	19.85	19.85	21.50
		12	0	18.89	18.98	19.07	20.50
		12	6	18.96	19.06	19.10	20.50
		12	13	18.87	19.02	18.97	20.50
		25	0	18.96	19.06	18.86	20.50
	16QAM	1	0	18.99	19.02	19.01	20.50
		1	13	18.98	18.94	18.94	20.50
		1	24	18.97	18.97	18.92	20.50
		12	0	17.88	18.02	18.00	19.50
		12	6	17.94	17.97	18.00	19.50
		12	13	18.00	18.04	17.99	19.50
		25	0	17.96	17.98	17.99	19.50
	64QAM	1	0	17.91	17.97	18.09	19.50
		1	13	17.90	18.01	18.01	19.50
		1	24	17.93	18.03	18.00	19.50
		12	0	16.91	16.90	17.02	18.50
		12	6	17.01	17.06	17.16	18.50
		12	13	17.03	17.00	17.02	18.50
		25	0	16.93	17.02	17.02	18.50
	256QAM	1	0	15.19	15.13	15.15	16.50
		1	13	15.12	15.18	15.14	16.50
		1	24	15.18	15.23	15.29	16.50
		12	0	14.86	14.91	15.05	16.50
		12	6	15.09	15.05	15.11	16.50

		12	13	14.96	14.96	14.97	16.50
		25	0	14.95	15.03	14.90	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.85	19.93	19.98	21.50
		1	25	19.82	19.86	19.89	21.50
		1	49	19.85	19.83	19.85	21.50
		25	0	18.95	18.93	18.99	20.50
		25	13	18.95	19.07	19.15	20.50
		25	25	18.97	18.98	19.06	20.50
		50	0	19.04	18.94	18.94	20.50
	16QAM	1	0	18.94	19.02	19.12	20.50
		1	25	18.89	19.01	18.97	20.50
		1	49	18.92	18.88	18.89	20.50
		25	0	17.95	17.99	17.94	19.50
		25	13	17.92	18.00	17.95	19.50
		25	25	17.99	17.97	17.97	19.50
		50	0	18.09	18.07	17.96	19.50
	64QAM	1	0	17.93	18.03	18.09	19.50
		1	25	17.99	18.00	17.98	19.50
		1	49	17.93	17.97	18.06	19.50
		25	0	17.04	16.96	17.07	18.50
		25	13	17.02	17.02	17.18	18.50
		25	25	16.95	17.03	17.05	18.50
		50	0	17.02	17.06	17.00	18.50
	256QAM	1	0	15.17	15.15	15.23	16.50
		1	25	15.09	15.25	15.17	16.50
		1	49	15.19	15.23	15.29	16.50
		25	0	14.98	14.98	14.95	16.50
		25	13	15.01	15.00	15.09	16.50
		25	25	14.94	15.01	15.00	16.50
		50	0	14.94	15.01	14.91	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.99	19.92	19.99	21.50
		1	38	19.87	19.82	19.91	21.50
		1	74	19.85	19.86	19.88	21.50
		36	0	18.94	18.95	18.97	20.50
		36	18	18.94	19.05	19.14	20.50
		36	39	19.00	19.07	18.98	20.50
		75	0	19.03	18.93	18.93	20.50
	16QAM	1	0	18.98	18.97	19.11	20.50
		1	38	18.87	19.05	18.96	20.50
		1	74	18.95	18.83	18.97	20.50
		36	0	17.89	18.00	17.92	19.50
		36	18	18.01	18.03	17.96	19.50

		36	39	18.04	17.91	17.98	19.50
		75	0	17.97	18.09	18.02	19.50
	64QAM	1	0	18.00	18.01	18.08	19.50
		1	38	17.96	17.99	17.91	19.50
		1	74	17.97	17.99	18.10	19.50
		36	0	16.93	16.97	17.04	18.50
		36	18	16.97	17.05	17.06	18.50
		36	39	16.98	17.09	17.08	18.50
		75	0	17.02	16.99	16.96	18.50
	256QAM	1	0	15.10	15.16	15.21	16.50
		1	38	15.12	15.24	15.21	16.50
		1	74	15.24	15.11	15.29	16.50
		36	0	14.86	15.01	15.02	16.50
		36	18	14.98	15.04	15.06	16.50
		36	39	14.96	14.97	15.00	16.50
		75	0	15.04	14.94	14.91	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.92	19.93	20.04	21.50
		1	50	19.86	19.84	19.87	21.50
		1	99	19.83	19.86	19.88	21.50
		50	0	18.92	18.92	19.02	20.50
		50	25	18.97	19.05	19.10	20.50
		50	50	18.93	19.02	19.01	20.50
		100	0	18.98	19.00	18.92	20.50
	16QAM	1	0	18.93	19.01	19.05	20.50
		1	50	18.94	19.00	18.98	20.50
		1	99	18.92	18.90	18.92	20.50
		50	0	17.95	17.97	17.96	19.50
		50	25	17.99	18.00	18.01	19.50
		50	50	17.97	17.97	18.04	19.50
		100	0	18.02	18.04	17.95	19.50
	64QAM	1	0	17.96	18.00	18.06	19.50
		1	50	17.93	17.96	17.97	19.50
		1	99	18.00	18.02	18.07	19.50
		50	0	16.97	16.96	17.01	18.50
		50	25	17.02	17.05	17.12	18.50
		50	50	16.98	17.06	17.07	18.50
		100	0	16.97	17.02	16.98	18.50
	256QAM	1	0	15.13	15.15	15.22	16.50
		1	50	15.15	15.18	15.21	16.50
		1	99	15.20	15.17	15.24	16.50
		50	0	14.92	14.95	15.01	16.50
		50	25	15.05	15.04	15.05	16.50
		50	50	14.95	14.99	15.00	16.50
		100	0	15.00	14.98	14.93	16.50

7 Conducted Power of Intra Band LTE Uplink CA

7.1 Conducted Power of LTE Uplink CA (Ant15)

Combination	Modulation	PCC						SCC					DSI 4/7		DSI 5/6	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	0	2850	7	20	21048	0	0	21.98	22.80	20.28	21.30
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	21298	0	0	21.60	22.80	20.06	21.30
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	0	0	21.59	22.80	20.05	21.30
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	0	0	21.46	22.80	19.96	21.30

Combination	Modulation	PCC						SCC					DSI 2		DSI 3		DSI 4/7		DSI 5/6	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	0	39750	41	20	39948	0	0	16.62	17.80	15.64	16.80	23.09	24.30	22.12	23.30
CA_41C	QPSK	41	20	40185	1	0	40185	41	20	40383	0	0	16.24	17.80	15.23	16.80	22.71	24.30	21.70	23.30
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40818	0	0	16.39	17.80	15.37	16.80	22.83	24.30	21.91	23.30
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40422	0	0	16.30	17.80	15.33	16.80	22.85	24.30	21.85	23.30
CA_41C	QPSK	41	20	41055	1	0	41055	41	20	40857	0	0	16.06	17.80	15.09	16.80	22.61	24.30	21.56	23.30
CA_41C	QPSK	41	20	41490	1	0	41490	41	20	41292	0	0	16.08	17.80	15.04	16.80	22.43	24.30	22.62	23.30

7.2 Conducted Power of LTE Uplink CA (Ant31)

Combination	Modulation	PCC						SCC					DSI 2/3		DSI 4/7		DSI 5/6	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	0	2850	7	20	21048	0	0	22.84	24.00	21.06	22.50	19.44	21.00
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	21298	0	0	22.66	24.00	21.05	22.50	19.21	21.00
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	0	0	22.70	24.00	21.03	22.50	19.16	21.00
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	0	0	22.48	24.00	21.06	22.50	19.51	21.00

Combination	Modulation	PCC						SCC					DSI 2/3		DSI 4/7		DSI 5/6	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	0	39750	41	20	39948	0	0	23.69	25.00	23.21	24.50	21.73	23.00
CA_41C	QPSK	41	20	40185	1	0	40185	41	20	40383	0	0	23.59	25.00	23.16	24.50	21.62	23.00
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40818	0	0	23.68	25.00	23.21	24.50	21.70	23.00
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40422	0	0	23.61	25.00	23.2	24.50	21.61	23.00
CA_41C	QPSK	41	20	41055	1	0	41055	41	20	40857	0	0	23.41	25.00	22.96	24.50	21.38	23.00
CA_41C	QPSK	41	20	41490	1	0	41490	41	20	41292	0	0	23.54	25.00	22.88	24.50	21.36	23.00

8 Conducted Power of Intra Band LTE Downlink CA

8.1 Conducted Power of LTE Downlink CA (Ant11)

DL LTE CA Class (DSI 2/4/5/6/7)	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_5A-5A	Band 5	10M	829	20450	QPSK	1	49	Band 5	5M	891.5	2625	/	/	/	/	/	/	/	/	23.94	24.11	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	891.5	2625	/	/	/	/	/	/	/	/	24.24	24.35	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	871.5	2425	/	/	/	/	/	/	/	/	23.83	23.95	25.00
CA_2A-5A	Band 5	10M	829	20450	QPSK	1	49	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.94	24.11	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	24.23	24.35	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.85	23.95	25.00
CA_4A-5A	Band 5	10M	829	20450	QPSK	1	49	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	23.94	24.11	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	24.23	24.35	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	23.81	23.95	25.00
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	49	Band 38	20M	2595	38000	/	/	/	/	/	/	/	/	23.93	24.11	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	2595	38000	/	/	/	/	/	/	/	/	24.21	24.35	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	2595	38000	/	/	/	/	/	/	/	/	23.85	23.95	25.00
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	49	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.93	24.11	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	24.21	24.35	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.83	23.95	25.00
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	49	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	23.91	24.11	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	24.15	24.35	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	23.77	23.95	25.00
CA_7A-26A	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.58	23.75	25.00
	Band 26	15M	831.5	26865	QPSK	1	74	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.80	23.94	25.00
	Band 26	15M	841.5	26965	QPSK	1	38	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.58	23.77	25.00
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	0	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.64	23.75	25.00
	Band 26	15M	831.5	26865	QPSK	1	74	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.84	23.94	25.00
	Band 26	15M	841.5	26965	QPSK	1	38	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.67	23.77	25.00
CA_2A-4A-5A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	/	/	/	/	24.15	24.35	25.00
CA_2A-5A-7A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	/	/	/	/	24.16	24.35	25.00
CA_2A-5A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 2	20M	1960	900	/	/	/	/	24.21	24.35	25.00
CA_4A-4A-5A	Band 5	10M	829	20450	QPSK	1	49	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	24.01	24.11	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	24.22	24.35	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	23.80	23.95	25.00
CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	/	/	/	/	24.21	24.35	25.00
CA_5A-66A-66A	Band 5	10M	829	20450	QPSK	1	49	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	23.93	24.11	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	24.15	24.35	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	23.75	23.95	25.00
CA_5A-7C	Band 5	10M	829	20450	QPSK	1	49	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	24.01	24.11	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	24.17	24.35	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	23.84	23.95	25.00
CA_5A-66C	Band 5	10M	829	20450	QPSK	1	49	Band 66	20M	2155	66886	Band 66	20M	2174.8	67084	/	/	/	/	23.96	24.11	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 66	20M	2174.8	67084	/	/	/	/	24.17	24.35	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155	66886	Band 66	20M	2174.8	67084	/	/	/	/	23.82	23.95	25.00

CA_5A-7C-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2535	3100	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	24.25	24.35	25.00
CA_5A-7A-66A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	Band 66	20M	2190	67236	24.22	24.35	25.00

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_5A-5A	Band 5	10M	829	20450	QPSK	1	49	Band 5	5M	891.5	2625	/	/	/	/	/	/	/	/	23.47	23.60	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	891.5	2625	/	/	/	/	/	/	/	/	23.59	23.79	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	871.5	2425	/	/	/	/	/	/	/	/	23.39	23.54	24.50
CA_2A-5A	Band 5	10M	829	20450	QPSK	1	49	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.42	23.60	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.61	23.79	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.34	23.54	24.50
CA_4A-5A	Band 5	10M	829	20450	QPSK	1	49	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	23.43	23.60	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	23.63	23.79	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	23.44	23.54	24.50
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	49	Band 38	20M	2595	38000	/	/	/	/	/	/	/	/	23.45	23.60	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	2595	38000	/	/	/	/	/	/	/	/	23.60	23.79	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	2595	38000	/	/	/	/	/	/	/	/	23.43	23.54	24.50
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	49	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.43	23.60	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.60	23.79	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.38	23.54	24.50
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	49	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	23.50	23.60	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	23.59	23.79	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	23.40	23.54	24.50
CA_7A-26A	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.21	23.34	24.50
	Band 26	15M	831.5	26865	QPSK	1	74	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.19	23.33	24.50
	Band 26	15M	841.5	26965	QPSK	1	38	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.04	23.21	24.50
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	0	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.24	23.34	24.50
	Band 26	15M	831.5	26865	QPSK	1	74	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.17	23.33	24.50
	Band 26	15M	841.5	26965	QPSK	1	38	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.07	23.21	24.50
CA_2A-4A-5A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	/	/	/	/	23.62	23.79	24.50
CA_2A-5A-7A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	/	/	/	/	23.60	23.79	24.50
CA_2A-5A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 2	20M	1960	900	/	/	/	/	23.68	23.79	24.50
CA_4A-4A-5A	Band 5	10M	829	20450	QPSK	1	49	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	23.47	23.60	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	23.59	23.79	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	23.41	23.54	24.50
CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	/	/	/	/	23.62	23.79	24.50
CA_5A-66A-66A	Band 5	10M	829	20450	QPSK	1	49	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	23.50	23.60	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	23.64	23.79	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	23.44	23.54	24.50
CA_5A-7C	Band 5	10M	829	20450	QPSK	1	49	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	23.42	23.60	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	23.69	23.79	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	23.43	23.54	24.50
CA_5A-66C	Band 5	10M	829	20450	QPSK	1	49	Band 66	20M	2155	66886	Band 66	20M	2174.8	67084	/	/	/	/	23.41	23.60	24.50



	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 66	20M	2174.8	67084	/	/	/	/	23.61	23.79	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155	66886	Band 66	20M	2174.8	67084	/	/	/	/	23.42	23.54	24.50
CA_5A-7C-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2535	3100	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	23.64	23.79	24.50
CA_5A-7A-66A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	Band 66	20M	2190	67236	23.67	23.79	24.50

8.2 Conducted Power of LTE Downlink CA (Ant15)

DL LTE CA Class (DSI 4/7)	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	/	/	/	/	/	/	/	/	21.84	21.97	22.80
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	/	/	/	/	/	/	/	/	21.78	21.91	22.80
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	/	/	/	/	/	/	/	/	22.04	22.15	22.80
CA_38C	Band 38	20M	2580	37850	QPSK	1	99	Band 38	20M	2599.8	38048	/	/	/	/	/	/	/	/	23.22	23.33	24.30
	Band 38	20M	2585.1	37901	QPSK	1	99	Band 38	20M	2604.9	38099	/	/	/	/	/	/	/	/	23.29	23.43	24.30
	Band 38	20M	2610	38150	QPSK	1	99	Band 38	20M	2590.2	37952	/	/	/	/	/	/	/	/	23.28	23.42	24.30
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	/	/	/	/	/	/	/	/	23.15	23.28	24.30
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	20M	2569.3	40383	/	/	/	/	/	/	/	/	23.17	23.29	24.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	/	/	/	/	/	/	/	/	23.27	23.37	24.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	/	/	/	/	/	/	/	/	23.14	23.28	24.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	/	/	/	/	/	/	/	/	23.21	23.32	24.30
CA_66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	/	/	/	/	/	/	/	/	22.05	22.20	22.80
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	/	/	/	/	/	/	/	/	22.01	22.16	22.80
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	/	/	/	/	/	/	/	/	22.01	22.15	22.80
CA_7B	Band 7	15M	2507.5	20825	QPSK	1	99	Band 7	5M	2631.8	2868	/	/	/	/	/	/	/	/	21.82	21.97	22.80
	Band 7	15M	2535	21100	QPSK	1	99	Band 7	5M	2664.3	3193	/	/	/	/	/	/	/	/	21.76	21.91	22.80
	Band 7	15M	2562.5	21375	QPSK	1	99	Band 7	5M	2678.2	3332	/	/	/	/	/	/	/	/	22.04	22.15	22.80
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	22.13	22.24	23.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	22.17	22.28	23.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	/	/	/	/	22.19	22.32	23.30
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	99	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	21.41	21.55	22.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	21.61	21.71	22.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	/	/	/	/	/	/	/	/	21.49	21.64	22.30
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	21.86	21.97	22.80
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	21.78	21.91	22.80
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	/	/	/	/	/	/	/	/	22.05	22.15	22.80
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	23.18	23.28	24.30
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	23.19	23.29	24.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	23.25	23.37	24.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	2498.5	39675	/	/	/	/	/	/	/	/	23.18	23.28	24.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	2498.5	39675	/	/	/	/	/	/	/	/	23.18	23.32	24.30
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	22.10	22.20	22.80
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	22.02	22.16	22.80
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	/	/	/	/	/	/	/	/	22.03	22.15	22.80
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	22.09	22.24	23.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	22.16	22.28	23.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	22.18	22.32	23.30
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.41	21.55	22.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.59	21.71	22.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.51	21.64	22.30
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.12	22.24	23.30

	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.17	22.28	23.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.20	22.32	23.30
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.13	22.24	23.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.18	22.28	23.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.18	22.32	23.30
	Band 7	20M	2510	20850	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.84	21.97	22.80
	Band 7	20M	2535	21100	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.79	21.91	22.80
	Band 7	20M	2560	21350	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.01	22.15	22.80
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	22.12	22.24	23.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	22.15	22.28	23.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	22.22	22.32	23.30
	Band 66	20M	1720	132072	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.08	22.20	22.80
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.04	22.16	22.80
	Band 66	20M	1770	132572	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.00	22.15	22.80
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.43	21.55	22.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.57	21.71	22.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.49	21.64	22.30
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	21.43	21.55	22.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	21.57	21.71	22.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	21.53	21.64	22.30
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	21.85	21.97	22.80
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	21.80	21.91	22.80
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	22.01	22.15	22.80
CA_5A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.83	21.97	22.80
	Band 7	20M	2535	21100	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.80	21.91	22.80
	Band 7	20M	2560	21350	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.03	22.15	22.80
CA_5A-38A	Band 38	20M	2580	37850	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.18	23.33	24.30
	Band 38	20M	2595	38000	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.29	23.43	24.30
	Band 38	20M	2610	38150	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.30	23.42	24.30
CA_5A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.13	23.28	24.30
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.16	23.29	24.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.27	23.37	24.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.13	23.28	24.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.19	23.32	24.30
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.07	22.20	22.80
	Band 66	20M	1745	132322	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.03	22.16	22.80
	Band 66	20M	1770	132572	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.02	22.15	22.80
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	21.86	21.97	22.80
	Band 7	20M	2535	21100	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	21.78	21.91	22.80
	Band 7	20M	2560	21350	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	22.04	22.15	22.80
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	21.87	21.97	22.80
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	21.76	21.91	22.80
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	22.00	22.15	22.80
	Band 66	20M	1720	132072	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.10	22.20	22.80
	Band 66	20M	1745	132322	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.04	22.16	22.80

	Band 66	20M	1770	132572	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.03	22.15	22.80
CA_26A-41A	Band 41	20M	2506	39750	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.13	23.28	24.30
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.18	23.29	24.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.22	23.37	24.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.15	23.28	24.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.20	23.32	24.30
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	/	/	/	/	22.14	22.28	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	/	/	/	/	21.57	21.71	22.30
CA_2A-4A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	/	/	/	/	22.14	22.28	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 2	20M	1960	900	/	/	/	/	21.58	21.71	22.30
	Band 7	20M	2535	21100	QPSK	1	99	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	/	/	/	/	21.79	21.91	22.80
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	22.17	22.28	23.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 5	10M	881.5	2525	/	/	/	/	21.57	21.71	22.30
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	/	/	/	/	22.14	22.28	23.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	Band 5	10M	881.5	2525	/	/	/	/	22.03	22.16	22.80
CA_2A-7A-7A	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	22.10	22.24	23.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	22.18	22.28	23.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	22.18	22.32	23.30
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	21.85	21.97	22.80
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	21.76	21.91	22.80
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	Band 2	20M	1960	900	/	/	/	/	22.03	22.15	22.80
CA_2A-7A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	/	/	/	/	22.14	22.28	23.30
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 2	20M	1960	900	/	/	/	/	21.81	21.91	22.80
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	Band 7	20M	2655	3100	/	/	/	/	22.06	22.16	22.80
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	21.45	21.55	22.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	21.59	21.71	22.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 5	10M	881.5	2525	/	/	/	/	21.54	21.64	22.30
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	21.44	21.55	22.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	21.61	21.71	22.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 7	20M	2655	3100	/	/	/	/	21.49	21.64	22.30
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	21.86	21.97	22.80
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	21.78	21.91	22.80
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	22.01	22.15	22.80
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	Band 5	10M	881.5	2525	/	/	/	/	21.79	21.91	22.80
	Band 66	20M	1745	132322	QPSK	1	99	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	22.01	22.16	22.80
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	22.20	22.80
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	22.04	22.16	22.80
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	22.04	22.15	22.80
CA_7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	21.83	21.97	22.80
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	21.79	21.91	22.80
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	22.01	22.15	22.80
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	22.05	22.20	22.80
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	22.01	22.16	22.80
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	22.00	22.15	22.80
CA_2A-7C	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	22.12	22.24	23.30

	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	22.13	22.28	23.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	22.19	22.32	23.30
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 2	20M	1960	900	/	/	/	/	21.87	21.97	22.80
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	/	/	/	/	21.76	21.91	22.80
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 2	20M	1960	900	/	/	/	/	22.01	22.15	22.80
CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	21.41	21.55	22.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	21.57	21.71	22.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	21.50	21.64	22.30
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 4	20M	2132.5	2175	/	/	/	/	21.87	21.97	22.80
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	/	/	/	/	21.76	21.91	22.80
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 4	20M	2132.5	2175	/	/	/	/	22.02	22.15	22.80
CA_5A-7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	/	/	/	/	21.82	21.97	22.80
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	/	/	/	/	21.76	21.91	22.80
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 5	10M	881.5	2525	/	/	/	/	22.01	22.15	22.80
CA_5A-66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	Band 5	10M	881.5	2525	/	/	/	/	22.08	22.20	22.80
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	Band 5	10M	881.5	2525	/	/	/	/	22.01	22.16	22.80
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	Band 5	10M	881.5	2525	/	/	/	/	22.02	22.15	22.80
CA_41D	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	Band 41	20M	2545.6	40146	/	/	/	/	23.17	23.28	24.30
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	20M	2569.3	40383	Band 41	20M	2589.1	40581	/	/	/	/	23.18	23.29	24.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	/	/	/	/	23.22	23.37	24.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	Band 41	20M	2676.1	41451	/	/	/	/	23.18	23.28	24.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	/	/	/	/	23.19	23.32	24.30
CA_7C-66A-66A	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	Band 66	20M	2190	67236	21.80	21.91	22.80

DL LTE CA Class (DSI 5/6)	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	/	/	/	/	/	/	/	/	20.42	20.52	21.30
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	/	/	/	/	/	/	/	/	20.31	20.46	21.30
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	/	/	/	/	/	/	/	/	20.38	20.53	21.30
CA_38C	Band 38	20M	2580	37850	QPSK	1	99	Band 38	20M	2599.8	38048	/	/	/	/	/	/	/	/	22.33	22.43	23.30
	Band 38	20M	2585.1	37901	QPSK	1	99	Band 38	20M	2604.9	38099	/	/	/	/	/	/	/	/	22.34	22.49	23.30
	Band 38	20M	2610	38150	QPSK	1	99	Band 38	20M	2590.2	37952	/	/	/	/	/	/	/	/	22.22	22.36	23.30
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	/	/	/	/	/	/	/	/	22.28	22.39	23.30
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	20M	2569.3	40383	/	/	/	/	/	/	/	/	22.23	22.33	23.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	/	/	/	/	/	/	/	/	22.35	22.49	23.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	/	/	/	/	/	/	/	/	22.24	22.38	23.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	/	/	/	/	/	/	/	/	22.13	22.28	23.30
CA_66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	/	/	/	/	/	/	/	/	19.40	19.54	20.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	/	/	/	/	/	/	/	/	19.44	19.58	20.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	/	/	/	/	/	/	/	/	19.46	19.58	20.30
CA_7B	Band 7	15M	2507.5	20825	QPSK	1	99	Band 7	5M	2631.8	2868	/	/	/	/	/	/	/	/	20.37	20.52	21.30
	Band 7	15M	2535	21100	QPSK	1	99	Band 7	5M	2664.3	3193	/	/	/	/	/	/	/	/	20.32	20.46	21.30
	Band 7	15M	2562.5	21375	QPSK	1	99	Band 7	5M	2678.2	3332	/	/	/	/	/	/	/	/	20.43	20.53	21.30
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	19.90	20.01	21.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	19.96	20.09	21.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	/	/	/	/	19.97	20.09	21.30
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	99	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	19.81	19.92	20.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	20.02	20.15	20.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	/	/	/	/	/	/	/	/	19.95	20.07	20.80
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	20.40	20.52	21.30
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	20.32	20.46	21.30
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	/	/	/	/	/	/	/	/	20.40	20.53	21.30
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	22.26	22.39	23.30
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	22.22	22.33	23.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	22.39	22.49	23.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	2498.5	39675	/	/	/	/	/	/	/	/	22.25	22.38	23.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	2498.5	39675	/	/	/	/	/	/	/	/	22.17	22.28	23.30
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	19.43	19.54	20.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	19.48	19.58	20.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	/	/	/	/	/	/	/	/	19.46	19.58	20.30
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.88	20.01	21.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.99	20.09	21.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.98	20.09	21.30
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.80	19.92	20.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	20.01	20.15	20.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.94	20.07	20.80

CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.87	20.01	21.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.98	20.09	21.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.94	20.09	21.30
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.89	20.01	21.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.94	20.09	21.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.98	20.09	21.30
	Band 7	20M	2510	20850	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	20.39	20.52	21.30
	Band 7	20M	2535	21100	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	20.32	20.46	21.30
	Band 7	20M	2560	21350	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	20.41	20.53	21.30
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	19.88	20.01	21.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	19.97	20.09	21.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	19.96	20.09	21.30
	Band 66	20M	1720	132072	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.44	19.54	20.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.46	19.58	20.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.43	19.58	20.30
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.80	19.92	20.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.04	20.15	20.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.93	20.07	20.80
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.79	19.92	20.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.03	20.15	20.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.92	20.07	20.80
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	20.39	20.52	21.30
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	20.35	20.46	21.30
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	20.42	20.53	21.30
CA_5A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.37	20.52	21.30
	Band 7	20M	2535	21100	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.36	20.46	21.30
	Band 7	20M	2560	21350	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.40	20.53	21.30
CA_5A-38A	Band 38	20M	2580	37850	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.33	22.43	23.30
	Band 38	20M	2595	38000	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.39	22.49	23.30
	Band 38	20M	2610	38150	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.23	22.36	23.30
CA_5A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.27	22.39	23.30
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.18	22.33	23.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.36	22.49	23.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.25	22.38	23.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.13	22.28	23.30
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.39	19.54	20.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.46	19.58	20.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.45	19.58	20.30
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	20.37	20.52	21.30
	Band 7	20M	2535	21100	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	20.35	20.46	21.30
	Band 7	20M	2560	21350	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	20.42	20.53	21.30
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	20.40	20.52	21.30
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	20.35	20.46	21.30
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	20.39	20.53	21.30
	Band 66	20M	1720	132072	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.40	19.54	20.30

	Band 66	20M	1745	132322	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.46	19.58	20.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.48	19.58	20.30
CA_26A-41A	Band 41	20M	2506	39750	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	22.28	22.39	23.30
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	22.20	22.33	23.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	22.36	22.49	23.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	22.26	22.38	23.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	22.18	22.28	23.30
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	/	/	/	/	19.95	20.09	21.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	/	/	/	/	20.04	20.15	20.80
CA_2A-4A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	/	/	/	/	19.97	20.09	21.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 2	20M	1960	900	/	/	/	/	20.03	20.15	20.80
	Band 7	20M	2535	21100	QPSK	1	99	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	/	/	/	/	20.31	20.46	21.30
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	19.97	20.09	21.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 5	10M	881.5	2525	/	/	/	/	20.00	20.15	20.80
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	/	/	/	/	19.95	20.09	21.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	Band 5	10M	881.5	2525	/	/	/	/	19.46	19.58	20.30
CA_2A-7A-7A	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	19.89	20.01	21.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	19.98	20.09	21.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	19.95	20.09	21.30
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	20.39	20.52	21.30
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	20.31	20.46	21.30
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	Band 2	20M	1960	900	/	/	/	/	20.39	20.53	21.30
CA_2A-7A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	/	/	/	/	19.99	20.09	21.30
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 2	20M	1960	900	/	/	/	/	20.32	20.46	21.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	Band 7	20M	2655	3100	/	/	/	/	19.44	19.58	20.30
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	19.80	19.92	20.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	20.03	20.15	20.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 5	10M	881.5	2525	/	/	/	/	19.96	20.07	20.80
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	19.79	19.92	20.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	20.01	20.15	20.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 7	20M	2655	3100	/	/	/	/	19.92	20.07	20.80
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	20.37	20.52	21.30
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	20.32	20.46	21.30
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	20.43	20.53	21.30
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	Band 5	10M	881.5	2525	/	/	/	/	20.36	20.46	21.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	19.43	19.58	20.30
CA_5A-66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	19.43	19.54	20.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	19.47	19.58	20.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	19.45	19.58	20.30
CA_7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	20.41	20.52	21.30
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	20.33	20.46	21.30
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	20.43	20.53	21.30
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	19.44	19.54	20.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	19.48	19.58	20.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	19.46	19.58	20.30

CA_2A-7C	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.89	20.01	21.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.98	20.09	21.30
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.95	20.09	21.30
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 2	20M	1960	900	/	/	/	/	20.41	20.52	21.30
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	/	/	/	/	20.33	20.46	21.30
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 2	20M	1960	900	/	/	/	/	20.41	20.53	21.30
CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.79	19.92	20.80
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	20.04	20.15	20.80
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.97	20.07	20.80
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 4	20M	2132.5	2175	/	/	/	/	20.37	20.52	21.30
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	/	/	/	/	20.36	20.46	21.30
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 4	20M	2132.5	2175	/	/	/	/	20.41	20.53	21.30
CA_5A-7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	/	/	/	/	20.41	20.52	21.30
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	/	/	/	/	20.35	20.46	21.30
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 5	10M	881.5	2525	/	/	/	/	20.42	20.53	21.30
CA_5A-66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	Band 5	10M	881.5	2525	/	/	/	/	19.41	19.54	20.30
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	Band 5	10M	881.5	2525	/	/	/	/	19.48	19.58	20.30
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	Band 5	10M	881.5	2525	/	/	/	/	19.44	19.58	20.30
CA_41D	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	Band 41	20M	2545.6	40146	/	/	/	/	22.29	22.39	23.30
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	20M	2569.3	40383	Band 41	20M	2589.1	40581	/	/	/	/	22.22	22.33	23.30
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	/	/	/	/	22.38	22.49	23.30
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	Band 41	20M	2676.1	41451	/	/	/	/	22.25	22.38	23.30
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	/	/	/	/	22.13	22.28	23.30
CA_7C-66A-66A	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	Band 66	20M	2190	67236	20.36	20.46	21.30

DL LTE CA Class (DSI 2)	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_38C	Band 38	20M	2580	37850	QPSK	1	99	Band 38	20M	2599.8	38048	/	/	/	/	/	/	/	/	16.81	16.96	17.80
	Band 38	20M	2585.1	37901	QPSK	1	99	Band 38	20M	2604.9	38099	/	/	/	/	/	/	/	/	16.90	17.02	17.80
	Band 38	20M	2610	38150	QPSK	1	99	Band 38	20M	2590.2	37952	/	/	/	/	/	/	/	/	16.90	17.01	17.80
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	/	/	/	/	/	/	/	/	16.77	16.90	17.80
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	20M	2569.3	40383	/	/	/	/	/	/	/	/	16.68	16.83	17.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	/	/	/	/	/	/	/	/	16.83	16.97	17.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	/	/	/	/	/	/	/	/	16.69	16.84	17.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	/	/	/	/	/	/	/	/	16.59	16.72	17.80
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	16.78	16.90	17.80
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	16.68	16.83	17.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	16.83	16.97	17.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	2498.5	39675	/	/	/	/	/	/	/	/	16.72	16.84	17.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	2498.5	39675	/	/	/	/	/	/	/	/	16.61	16.72	17.80
CA_5A-38A	Band 38	20M	2580	37850	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	16.84	16.96	17.80
	Band 38	20M	2595	38000	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	16.88	17.02	17.80
	Band 38	20M	2610	38150	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	16.88	17.01	17.80
CA_5A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	16.77	16.90	17.80
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	16.72	16.83	17.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	16.84	16.97	17.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	16.70	16.84	17.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	16.57	16.72	17.80
CA_26A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	16.78	16.90	17.80
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	16.68	16.83	17.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	16.85	16.97	17.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	16.72	16.84	17.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	16.57	16.72	17.80
CA_41D	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	Band 41	20M	2545.6	40146	/	/	/	/	16.80	16.90	17.80
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	20M	2569.3	40383	Band 41	20M	2589.1	40581	/	/	/	/	16.70	16.83	17.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	/	/	/	/	16.84	16.97	17.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	Band 41	20M	2676.1	41451	/	/	/	/	16.70	16.84	17.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	/	/	/	/	16.61	16.72	17.80

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_38C	Band 38	20M	2580	37850	QPSK	1	99	Band 38	20M	2599.8	38048	/	/	/	/	/	/	/	/	15.72	15.86	16.80
	Band 38	20M	2585.1	37901	QPSK	1	99	Band 38	20M	2604.9	38099	/	/	/	/	/	/	/	/	15.80	15.94	16.80
	Band 38	20M	2610	38150	QPSK	1	99	Band 38	20M	2590.2	37952	/	/	/	/	/	/	/	/	15.83	15.96	16.80
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	/	/	/	/	/	/	/	/	15.72	15.85	16.80
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	20M	2569.3	40383	/	/	/	/	/	/	/	/	15.65	15.79	16.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	/	/	/	/	/	/	/	/	15.74	15.85	16.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	/	/	/	/	/	/	/	/	15.73	15.84	16.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	/	/	/	/	/	/	/	/	15.59	15.73	16.80
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	15.73	15.85	16.80
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	15.64	15.79	16.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	15.71	15.85	16.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	2498.5	39675	/	/	/	/	/	/	/	/	15.74	15.84	16.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	2498.5	39675	/	/	/	/	/	/	/	/	15.63	15.73	16.80
CA_5A-38A	Band 38	20M	2580	37850	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	15.75	15.86	16.80
	Band 38	20M	2595	38000	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	15.81	15.94	16.80
	Band 38	20M	2610	38150	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	15.84	15.96	16.80
CA_5A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	15.72	15.85	16.80
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	15.68	15.79	16.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	15.72	15.85	16.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	15.73	15.84	16.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	15.63	15.73	16.80
CA_26A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	15.70	15.85	16.80
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	15.64	15.79	16.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	15.73	15.85	16.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	15.74	15.84	16.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	15.59	15.73	16.80
CA_41D	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	Band 41	20M	2545.6	40146	/	/	/	/	15.70	15.85	16.80
	Band 41	20M	2549.5	40185	QPSK	1	99	Band 41	20M	2569.3	40383	Band 41	20M	2589.1	40581	/	/	/	/	15.67	15.79	16.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	/	/	/	/	15.73	15.85	16.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	Band 41	20M	2676.1	41451	/	/	/	/	15.74	15.84	16.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	/	/	/	/	15.62	15.73	16.80

8.3 Conducted Power of LTE Downlink CA (Ant31)

DL LTE CA Class (DSI 2/3)	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 Tx.Power	Tune-up
CA_7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	/	23.24	23.34	24.00
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	/	/	/	/	/	/	/	/	23.01	23.16	24.00
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	/	/	/	/	/	/	/	/	23.05	23.21	24.00
CA_38C	Band 38	20M	2580	37850	QPSK	1	50	Band 38	20M	2599.8	38048	/	/	/	/	/	/	/	/	24.23	24.36	25.00
	Band 38	20M	2585.1	37901	QPSK	1	99	Band 38	20M	2604.9	38099	/	/	/	/	/	/	/	/	24.09	24.25	25.00
	Band 38	20M	2610	38150	QPSK	1	99	Band 38	20M	2590.2	37952	/	/	/	/	/	/	/	/	24.16	24.30	25.00
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	/	/	/	/	/	/	/	/	23.93	24.09	25.00
	Band 41	20M	2549.5	40185	QPSK	1	50	Band 41	20M	2569.3	40383	/	/	/	/	/	/	/	/	24.00	24.12	25.00
	Band 41	20M	2593	40620	QPSK	1	99	Band 41	20M	2612.8	40818	/	/	/	/	/	/	/	/	24.09	24.22	25.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	/	/	/	/	/	/	/	/	24.08	24.27	25.00
	Band 41	20M	2680	41490	QPSK	1	50	Band 41	20M	2660.2	41292	/	/	/	/	/	/	/	/	24.17	24.31	25.00
CA_66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	/	/	/	/	/	/	/	/	23.82	23.99	24.50
	Band 66	20M	1745	132322	QPSK	1	50	Band 66	20M	2174.8	67084	/	/	/	/	/	/	/	/	23.83	24.02	24.50
	Band 66	20M	1770	132572	QPSK	1	50	Band 66	20M	2170.2	67038	/	/	/	/	/	/	/	/	23.91	24.01	24.50
CA_7B	Band 7	15M	2507.5	20825	QPSK	1	99	Band 7	5M	2631.8	2868	/	/	/	/	/	/	/	/	23.22	23.34	24.00
	Band 7	15M	2535	21100	QPSK	1	99	Band 7	5M	2664.3	3193	/	/	/	/	/	/	/	/	23.00	23.16	24.00
	Band 7	15M	2562.5	21375	QPSK	1	99	Band 7	5M	2678.2	3332	/	/	/	/	/	/	/	/	23.07	23.21	24.00
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	50	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	22.93	23.11	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	23.02	23.15	24.00
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	/	/	/	/	22.97	23.12	24.00
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	23.83	23.93	24.50
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	23.71	23.89	24.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	/	/	/	/	/	/	/	/	23.65	23.80	24.50
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	23.14	23.34	24.00
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	22.99	23.16	24.00
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	/	/	/	/	/	/	/	/	23.03	23.21	24.00
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	23.91	24.09	25.00
	Band 41	20M	2549.5	40185	QPSK	1	50	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	23.94	24.12	25.00
	Band 41	20M	2593	40620	QPSK	1	99	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	24.07	24.22	25.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	2498.5	39675	/	/	/	/	/	/	/	/	24.16	24.27	25.00
	Band 41	20M	2680	41490	QPSK	1	50	Band 41	5M	2498.5	39675	/	/	/	/	/	/	/	/	24.21	24.31	25.00
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	23.83	23.99	24.50
	Band 66	20M	1745	132322	QPSK	1	50	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	23.86	24.02	24.50
	Band 66	20M	1770	132572	QPSK	1	50	Band 66	5M	2112.5	66461	/	/	/	/	/	/	/	/	23.87	24.01	24.50
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	22.93	23.11	24.00