

	16QAM	1	0	20.07	20.07	20.14	21.70	
		1	13	19.98	20.19	20.12	21.70	
		1	24	20.17	20.06	20.20	21.70	
		12	0	20.19	20.23	20.14	21.70	
		12	6	20.04	20.07	20.25	21.70	
		12	13	19.98	20.15	19.97	21.70	
		25	0	20.09	20.15	20.24	21.70	
	64QAM	1	0	20.04	20.03	20.13	21.70	
		1	13	20.10	20.18	20.21	21.70	
		1	24	20.14	20.27	20.23	21.70	
		12	0	19.76	19.68	19.62	21.20	
		12	6	19.62	19.61	19.66	21.20	
		12	13	19.68	19.67	19.73	21.20	
		25	0	19.55	19.55	19.52	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	QPSK	1	0	20.16	20.35	20.15	21.70	
		1	25	20.06	20.06	20.00	21.70	
		1	49	20.28	20.12	20.16	21.70	
		25	0	20.21	20.19	20.08	21.70	
		25	13	20.28	20.34	20.31	21.70	
		25	25	20.27	20.10	20.13	21.70	
		50	0	20.06	20.20	20.26	21.70	
	16QAM	1	0	20.19	20.08	20.12	21.70	
		1	25	20.00	20.16	20.15	21.70	
		1	49	20.27	20.16	20.18	21.70	
		25	0	20.18	20.25	20.01	21.70	
		25	13	20.05	20.10	20.25	21.70	
		25	25	19.87	20.19	19.98	21.70	
		50	0	20.05	20.20	20.34	21.70	
	64QAM	1	0	20.01	19.99	20.11	21.70	
		1	25	20.05	20.14	20.21	21.70	
		1	49	20.04	20.33	20.24	21.70	
		25	0	19.75	19.73	19.70	21.20	
		25	13	19.63	19.65	19.61	21.20	
		25	25	19.66	19.72	19.78	21.20	
		50	0	19.52	19.54	19.59	21.20	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
	15MHz	QPSK	1	0	20.17	20.35	20.23	21.70
			1	38	20.08	20.14	20.03	21.70
			1	74	20.23	20.05	20.02	21.70
			36	0	20.16	20.11	20.09	21.70
			36	18	20.15	20.38	20.38	21.70
			36	39	20.17	20.12	20.06	21.70
75			0	20.10	20.14	20.26	21.70	
16QAM		1	0	20.17	20.05	20.10	21.70	
		1	38	19.91	20.11	20.04	21.70	
		1	74	20.24	20.06	20.30	21.70	
		36	0	20.12	20.32	20.15	21.70	
		36	18	20.09	20.09	20.09	21.70	
		36	39	19.87	20.15	20.11	21.70	
		75	0	20.07	20.21	20.22	21.70	
64QAM		1	0	19.98	20.06	20.06	21.70	
		1	38	20.03	20.11	20.23	21.70	
		1	74	20.04	20.21	20.09	21.70	
		36	0	19.72	19.71	19.65	21.20	
		36	18	19.57	19.64	19.69	21.20	
		36	39	19.64	19.67	19.72	21.20	
		75	0	19.59	19.54	19.54	21.20	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20MHz		QPSK	1	0	20.21	20.36	20.22	21.70
			1	50	20.04	20.14	19.95	21.70
			1	99	20.13	20.06	20.15	21.70
			50	0	20.27	20.11	20.03	21.70
			50	25	20.23	20.24	20.27	21.70

	16QAM	50	50	20.19	20.03	20.14	21.70
		100	0	20.06	20.09	20.14	21.70
		1	0	20.16	20.12	20.07	21.70
		1	50	20.02	20.13	20.19	21.70
		1	99	20.17	20.09	20.20	21.70
		50	0	20.24	20.31	20.09	21.70
		50	25	20.12	20.06	20.18	21.70
		50	50	20.02	20.19	19.96	21.70
	64QAM	100	0	20.12	20.18	20.19	21.70
		1	0	19.96	20.00	20.13	21.70
		1	50	20.11	20.19	20.25	21.70
		1	99	20.19	20.17	20.19	21.70
		50	0	19.74	19.69	19.65	21.20
		50	25	19.60	19.64	19.66	21.20
		50	50	19.67	19.71	19.74	21.20
		100	0	19.55	19.59	19.56	21.20

LTE Band 7 DSI 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.35	16.31	16.39	18.00
		1	13	16.33	16.38	16.42	18.00
		1	24	16.40	16.49	16.48	18.00
		12	0	16.28	16.43	16.33	18.00
		12	6	16.28	16.43	16.44	18.00
		12	13	16.40	16.43	16.53	18.00
	16QAM	25	0	16.34	16.40	16.34	18.00
		1	0	16.34	16.29	16.32	18.00
		1	13	16.50	16.57	16.54	18.00
		1	24	16.34	16.45	16.45	18.00
		12	0	16.30	16.28	16.38	18.00
		12	6	16.50	16.56	16.57	18.00
	64QAM	12	13	16.25	16.36	16.32	18.00
		25	0	16.32	16.37	16.39	18.00
		1	0	16.40	16.53	16.54	18.00
		1	13	16.40	16.35	16.41	18.00
		1	24	16.41	16.35	16.34	18.00
		12	0	16.47	16.55	16.42	18.00
		12	6	16.32	16.40	16.30	18.00
		12	13	16.35	16.37	16.41	18.00
10MHz	QPSK	25	0	16.52	16.59	16.44	18.00
		1	0	16.37	16.31	16.36	18.00
		1	25	16.32	16.44	16.35	18.00
		1	49	16.45	16.49	16.43	18.00
		25	0	16.27	16.50	16.27	18.00
		25	13	16.24	16.37	16.42	18.00
		25	25	16.46	16.43	16.48	18.00
		50	0	16.42	16.33	16.36	18.00
	16QAM	1	0	16.41	16.22	16.30	18.00
		1	25	16.48	16.59	16.62	18.00
		1	49	16.42	16.39	16.47	18.00
		25	0	16.23	16.33	16.33	18.00
		25	13	16.54	16.62	16.58	18.00
		25	25	16.19	16.35	16.35	18.00
	64QAM	50	0	16.27	16.43	16.32	18.00
		1	0	16.34	16.53	16.59	18.00
		1	25	16.36	16.31	16.49	18.00
		1	49	16.49	16.31	16.42	18.00
		25	0	16.54	16.52	16.41	18.00
		25	13	16.31	16.32	16.35	18.00
25		25	16.29	16.32	16.43	18.00	
50		0	16.51	16.64	16.41	18.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.31	16.38	16.31	18.00
		1	38	16.39	16.31	16.50	18.00
		1	74	16.36	16.47	16.50	18.00
		36	0	16.24	16.38	16.37	18.00
		36	18	16.31	16.51	16.46	18.00
		36	39	16.32	16.40	16.47	18.00
		75	0	16.29	16.48	16.39	18.00
	16QAM	1	0	16.33	16.31	16.33	18.00
		1	38	16.43	16.62	16.56	18.00
		1	74	16.40	16.47	16.49	18.00
		36	0	16.34	16.25	16.38	18.00
		36	18	16.47	16.63	16.50	18.00
		36	39	16.29	16.32	16.36	18.00
		75	0	16.37	16.36	16.42	18.00
	64QAM	1	0	16.32	16.59	16.60	18.00
		1	38	16.48	16.31	16.46	18.00
		1	74	16.49	16.37	16.40	18.00
		36	0	16.53	16.56	16.45	18.00
		36	18	16.38	16.34	16.24	18.00
		36	39	16.34	16.31	16.37	18.00
		75	0	16.53	16.55	16.38	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	16.40	16.36	16.40	18.00
		1	50	16.25	16.31	16.46	18.00
		1	99	16.44	16.57	16.40	18.00
		50	0	16.22	16.44	16.40	18.00
		50	25	16.35	16.45	16.41	18.00
		50	50	16.42	16.57	16.45	18.00
		100	0	16.39	16.39	16.40	18.00
	16QAM	1	0	16.37	16.23	16.29	18.00
		1	50	16.49	16.59	16.50	18.00
		1	99	16.42	16.42	16.46	18.00
		50	0	16.23	16.35	16.42	18.00
		50	25	16.57	16.50	16.51	18.00
		50	50	16.20	16.41	16.37	18.00
		100	0	16.39	16.31	16.38	18.00
	64QAM	1	0	16.46	16.58	16.48	18.00
		1	50	16.40	16.36	16.43	18.00
		1	99	16.38	16.32	16.27	18.00
		50	0	16.51	16.61	16.49	18.00
		50	25	16.29	16.46	16.33	18.00
		50	50	16.40	16.43	16.48	18.00
		100	0	16.54	16.59	16.49	18.00

LTE Band 7 DSI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	15.82	15.87	15.94	17.50
		1	13	15.75	15.89	15.88	17.50
		1	24	15.85	16.01	15.98	17.50
		12	0	15.76	15.91	15.85	17.50
		12	6	15.74	15.95	15.97	17.50
		12	13	15.84	15.98	16.05	17.50
	16QAM	25	0	15.76	15.97	15.77	17.50
		1	0	15.77	15.83	15.77	17.50
		1	13	15.99	16.03	16.04	17.50
		1	24	15.84	15.88	15.88	17.50
		12	0	15.84	15.81	15.95	17.50
		12	6	16.08	16.14	16.10	17.50
	64QAM	12	13	15.82	15.86	15.82	17.50
		25	0	15.87	15.87	15.84	17.50
		1	0	15.96	16.02	16.09	17.50
		1	13	15.96	15.86	15.83	17.50
		1	24	15.96	15.78	15.78	17.50
		12	0	15.89	16.00	15.91	17.50
10MHz	QPSK	12	6	15.90	15.90	15.73	17.50
		12	13	15.87	15.81	15.94	17.50
		25	0	15.95	16.10	15.96	17.50
		1	0	15.77	15.83	15.90	17.50
		1	25	15.78	15.82	15.92	17.50
		1	49	15.80	16.01	15.93	17.50
	16QAM	25	0	15.79	15.99	15.84	17.50
		25	13	15.73	15.87	15.97	17.50
		25	25	15.80	15.98	16.05	17.50
		50	0	15.83	15.95	15.80	17.50
		1	0	15.80	15.87	15.75	17.50
		1	25	15.93	16.06	16.04	17.50
	64QAM	1	49	15.90	15.96	15.95	17.50
		25	0	15.76	15.75	15.93	17.50
		25	13	16.01	16.14	16.15	17.50
		25	25	15.74	15.78	15.82	17.50
		50	0	15.91	15.90	15.84	17.50
		1	0	15.98	16.02	16.06	17.50
15MHz	QPSK	1	25	15.97	15.90	15.82	17.50
		1	49	15.98	15.70	15.80	17.50
		25	0	15.86	16.03	15.93	17.50
		25	13	15.83	15.88	15.76	17.50
		25	25	15.82	15.86	15.93	17.50
		50	0	15.87	16.12	15.93	17.50
	16QAM	1	0	15.85	15.85	16.00	17.50
		1	38	15.70	15.87	15.96	17.50
		1	74	15.82	15.96	16.05	17.50
		36	0	15.83	15.89	15.80	17.50
		36	18	15.75	15.97	16.02	17.50
		36	39	15.87	15.91	16.09	17.50
	64QAM	75	0	15.76	16.04	15.73	17.50
		1	0	15.70	15.85	15.80	17.50
		1	38	15.99	16.06	16.00	17.50
		1	74	15.88	15.91	15.86	17.50
		36	0	15.92	15.73	15.96	17.50
		36	18	16.00	16.22	16.14	17.50
5MHz	QPSK	36	39	15.83	15.80	15.76	17.50
		75	0	15.84	15.83	15.77	17.50
		1	0	16.01	16.06	16.10	17.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	38	15.90	15.78	15.89	17.50
		1	74	16.01	15.80	15.85	17.50
		36	0	15.84	15.97	15.95	17.50
		36	18	15.96	15.98	15.80	17.50
		36	39	15.87	15.87	15.94	17.50
		75	0	15.93	16.03	15.95	17.50
	16QAM	1	0	15.81	15.92	16.01	17.50
			50	15.70	15.83	15.94	17.50
			99	15.85	15.99	16.06	17.50
			0	15.75	15.86	15.92	17.50
			25	15.74	16.01	15.96	17.50
			50	15.82	15.97	16.12	17.50
		50	0	15.69	15.95	15.85	17.50
			0	15.73	15.84	15.74	17.50
			50	16.03	15.98	16.09	17.50
			99	15.78	15.90	15.82	17.50
			0	15.78	15.79	15.98	17.50
			25	16.13	16.14	16.10	17.50
	64QAM	50	50	15.83	15.91	15.85	17.50
			0	15.93	15.81	15.79	17.50
			0	15.96	15.95	16.13	17.50
		100	0	15.94	15.83	15.81	17.50
			99	15.98	15.84	15.71	17.50
			0	15.91	16.03	15.88	17.50
	64QAM	50	25	15.87	15.85	15.74	17.50
			50	15.95	15.82	15.93	17.50
			0	16.03	16.10	16.04	17.50

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	22.33	22.39	22.37	24.00	
		1	13	22.34	22.36	22.40	24.00	
		1	24	22.44	22.51	22.50	24.00	
		12	0	21.57	21.53	21.60	23.00	
		12	6	21.47	21.48	21.59	23.00	
		12	13	21.58	21.41	21.44	23.00	
	16QAM	25	0	21.56	21.54	21.60	23.00	
			0	21.05	21.13	21.18	23.00	
			13	21.00	21.03	21.03	23.00	
		1	24	21.15	21.12	21.16	23.00	
			0	20.59	20.60	20.72	22.00	
			6	20.57	20.61	20.61	22.00	
		64QAM	12	13	20.66	20.56	20.56	22.00
				0	20.62	20.65	20.63	22.00
				0	20.00	20.01	20.04	22.00
	1		13	20.21	20.14	20.16	22.00	
			24	20.79	20.80	20.85	22.00	
			0	19.67	19.55	19.57	21.00	
	10MHz	QPSK	12	6	19.48	19.55	19.58	21.00
			12	13	19.62	19.67	19.51	21.00
			25	0	19.61	19.58	19.46	21.00
			0	22.32	22.40	22.43	24.00	
			25	25	22.33	22.24	22.42	24.00
			49	22.39	22.50	22.51	24.00	
	16QAM	1	0	21.53	21.62	21.71	23.00	
			13	21.47	21.58	21.61	23.00	
			25	21.46	21.43	21.42	23.00	
			0	21.45	21.53	21.48	23.00	
0			21.08	21.05	21.19	23.00		
25	21.00	21.07	21.06	23.00				

		1	49	21.22	21.05	21.15	23.00	
		25	0	20.58	20.57	20.60	22.00	
		25	13	20.55	20.50	20.53	22.00	
		25	25	20.68	20.63	20.58	22.00	
		50	0	20.49	20.62	20.58	22.00	
		64QAM	1	0	20.07	20.04	20.11	22.00
			1	25	20.20	20.09	20.01	22.00
			1	49	20.71	20.80	20.86	22.00
			25	0	19.53	19.65	19.64	21.00
			25	13	19.51	19.53	19.57	21.00
		25	25	19.70	19.59	19.53	21.00	
		50	0	19.61	19.57	19.49	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20825	21100	21375		
15MHz	QPSK	1	0	22.44	22.32	22.36	24.00	
		1	38	22.39	22.25	22.33	24.00	
		1	74	22.41	22.48	22.50	24.00	
		36	0	21.63	21.59	21.56	23.00	
		36	18	21.47	21.57	21.64	23.00	
		36	39	21.43	21.46	21.57	23.00	
	16QAM	75	0	21.42	21.55	21.57	23.00	
		1	0	21.03	21.10	21.11	23.00	
		1	38	21.02	21.13	21.04	23.00	
		1	74	21.21	21.18	21.16	23.00	
		36	0	20.53	20.57	20.70	22.00	
		36	18	20.53	20.60	20.56	22.00	
	64QAM	36	39	20.59	20.53	20.66	22.00	
		75	0	20.59	20.49	20.59	22.00	
		1	0	20.02	20.07	20.06	22.00	
		1	38	20.12	20.04	20.05	22.00	
		1	74	20.76	20.78	20.86	22.00	
		36	0	19.57	19.57	19.67	21.00	
		36	18	19.53	19.54	19.69	21.00	
		36	39	19.64	19.53	19.52	21.00	
		75	0	19.48	19.54	19.48	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	QPSK	1	0	22.39	22.38	22.37	24.00	
		1	50	22.40	22.32	22.34	24.00	
		1	99	22.44	22.48	22.52	24.00	
		50	0	21.59	21.55	21.63	23.00	
		50	25	21.49	21.51	21.56	23.00	
		50	50	21.51	21.47	21.49	23.00	
	16QAM	100	0	21.50	21.53	21.56	23.00	
		1	0	21.11	21.10	21.14	23.00	
		1	50	21.01	21.08	21.07	23.00	
		1	99	21.15	21.12	21.19	23.00	
		50	0	20.60	20.59	20.64	22.00	
		50	25	20.52	20.56	20.58	22.00	
	64QAM	50	50	20.63	20.57	20.64	22.00	
		100	0	20.56	20.57	20.56	22.00	
		1	0	20.04	20.01	20.03	22.00	
		1	50	20.18	20.06	20.08	22.00	
		1	99	20.79	20.73	20.81	22.00	
		50	0	19.61	19.59	19.65	21.00	
		50	25	19.52	19.57	19.63	21.00	
		50	50	19.68	19.60	19.55	21.00	
		100	0	19.53	19.55	19.51	21.00	

LTE Band 7 DSI 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.31	19.32	19.40	21.00
		1	13	19.36	19.32	19.28	21.00
		1	24	19.42	19.50	19.49	21.00
		12	0	19.33	19.46	19.23	21.00
		12	6	19.47	19.25	19.43	21.00
		12	13	19.43	19.57	19.53	21.00
	16QAM	25	0	19.51	19.53	19.47	21.00
		1	0	19.32	19.30	19.37	21.00
		1	13	19.53	19.48	19.61	21.00
		1	24	19.41	19.38	19.28	21.00
		12	0	19.33	19.29	19.32	21.00
		12	6	19.42	19.50	19.49	21.00
	64QAM	12	13	19.39	19.32	19.27	21.00
		25	0	19.42	19.27	19.33	21.00
		1	0	19.35	19.28	19.24	21.00
		1	13	19.36	19.31	19.27	21.00
		1	24	19.48	19.42	19.43	21.00
		12	0	19.67	19.55	19.57	21.00
10MHz	QPSK	12	6	19.48	19.55	19.58	21.00
		12	13	19.62	19.67	19.51	21.00
		25	0	19.61	19.58	19.46	21.00
		1	0	19.31	19.26	19.42	21.00
		1	25	19.47	19.32	19.39	21.00
		1	49	19.40	19.58	19.52	21.00
	16QAM	25	0	19.44	19.40	19.31	21.00
		25	13	19.41	19.33	19.28	21.00
		25	25	19.42	19.46	19.41	21.00
		50	0	19.47	19.47	19.46	21.00
		1	0	19.44	19.27	19.37	21.00
		1	25	19.44	19.46	19.67	21.00
	64QAM	1	49	19.53	19.30	19.25	21.00
		25	0	19.34	19.28	19.33	21.00
		25	13	19.42	19.52	19.46	21.00
		25	25	19.37	19.34	19.33	21.00
		50	0	19.33	19.36	19.25	21.00
		1	0	19.30	19.34	19.23	21.00
15MHz	QPSK	1	25	19.39	19.38	19.26	21.00
		1	49	19.38	19.39	19.43	21.00
		25	0	19.53	19.65	19.64	21.00
		25	13	19.51	19.53	19.57	21.00
		25	25	19.70	19.59	19.53	21.00
		50	0	19.61	19.57	19.49	21.00
	16QAM	1	0	19.34	19.33	19.34	21.00
		1	38	19.40	19.38	19.37	21.00
		1	74	19.41	19.42	19.55	21.00
		36	0	19.33	19.44	19.27	21.00
		36	18	19.42	19.19	19.40	21.00
		36	39	19.48	19.44	19.45	21.00
		75	0	19.38	19.54	19.41	21.00
		1	0	19.38	19.34	19.32	21.00
		1	38	19.45	19.42	19.56	21.00
	64QAM	1	74	19.44	19.30	19.29	21.00
		36	0	19.42	19.21	19.38	21.00
		36	18	19.46	19.59	19.48	21.00
36		39	19.32	19.37	19.33	21.00	
75		0	19.34	19.24	19.32	21.00	
15MHz	64QAM	1	0	19.36	19.35	19.36	21.00
		1	38	19.38	19.44	19.18	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	74	19.49	19.45	19.40	21.00
		36	0	19.57	19.57	19.67	21.00
		36	18	19.53	19.54	19.69	21.00
		36	39	19.64	19.53	19.52	21.00
		75	0	19.48	19.54	19.48	21.00
		1	0	19.33	19.33	19.41	21.00
		1	50	19.40	19.30	19.31	21.00
	1	99	19.36	19.50	19.57	21.00	
	50	0	19.39	19.45	19.29	21.00	
	50	25	19.45	19.27	19.35	21.00	
	50	50	19.42	19.49	19.47	21.00	
	100	0	19.44	19.46	19.42	21.00	
	1	0	19.36	19.30	19.29	21.00	
	1	50	19.49	19.47	19.60	21.00	
	1	99	19.47	19.31	19.30	21.00	
	50	0	19.41	19.24	19.39	21.00	
	50	25	19.38	19.52	19.52	21.00	
	50	50	19.37	19.39	19.32	21.00	
	100	0	19.40	19.28	19.33	21.00	
	1	0	19.32	19.30	19.30	21.00	
	1	50	19.32	19.39	19.26	21.00	
1	99	19.42	19.45	19.44	21.00		
50	0	19.61	19.59	19.65	21.00		
50	25	19.52	19.57	19.63	21.00		
50	50	19.68	19.60	19.55	21.00		
100	0	19.53	19.55	19.51	21.00		

LTE Band 7 DSI 8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.79	17.83	17.89	19.50
		1	13	17.66	17.92	17.91	19.50
		1	24	17.86	17.94	17.94	19.50
		12	0	17.68	17.92	17.84	19.50
		12	6	17.65	18.02	18.00	19.50
		12	13	17.85	18.07	18.01	19.50
		25	0	17.81	18.02	17.84	19.50
	1	0	17.84	17.82	17.86	19.50	
	1	13	17.99	18.07	18.04	19.50	
	1	24	17.75	17.94	17.95	19.50	
	12	0	17.79	17.77	17.90	19.50	
	12	6	18.18	18.24	18.15	19.50	
	12	13	17.92	17.87	17.75	19.50	
	25	0	17.90	17.90	17.81	19.50	
	1	0	18.04	17.94	18.14	19.50	
	1	13	17.89	17.82	17.87	19.50	
	1	24	18.06	17.76	17.82	19.50	
	12	0	17.88	18.06	17.89	19.50	
	12	6	17.91	17.82	17.68	19.50	
	12	13	17.80	17.73	17.96	19.50	
	25	0	18.04	18.07	17.95	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.73	17.90	17.92	19.50
		1	25	17.64	18.01	17.93	19.50
		1	49	17.96	18.03	18.04	19.50
		25	0	17.62	18.01	17.83	19.50
		25	13	17.69	18.06	17.99	19.50
		25	25	17.78	18.12	17.98	19.50
		50	0	17.80	17.92	17.77	19.50
	1	0	17.81	17.81	17.81	19.50	
	1	25	17.96	18.10	18.14	19.50	
	1	49	17.77	17.88	18.00	19.50	

		1	24	21.13	21.10	21.06	22.20
		12	0	19.76	19.77	19.78	21.20
		12	6	19.82	19.76	19.85	21.20
		12	13	19.75	19.73	19.67	21.20
		25	0	19.68	19.63	19.65	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	22.72	22.65	22.69	24.20
		1	25	22.75	22.60	22.63	24.20
		1	49	22.79	22.65	22.76	24.20
		25	0	21.67	21.60	21.56	23.20
		25	13	21.60	21.72	21.74	23.20
		25	25	21.62	21.59	21.69	23.20
		50	0	21.71	21.66	21.80	23.20
	16QAM	1	0	21.58	21.55	21.66	23.20
		1	25	21.56	21.68	21.62	23.20
		1	49	21.44	21.64	21.50	23.20
		25	0	20.52	20.49	20.64	22.20
		25	13	20.72	20.67	20.65	22.20
		25	25	20.79	20.72	20.69	22.20
		50	0	20.76	20.77	20.73	22.20
	64QAM	1	0	21.12	21.06	20.98	22.20
		1	25	21.08	21.29	21.15	22.20
		1	49	21.00	21.17	21.11	22.20
		25	0	19.60	19.76	19.83	21.20
		25	13	19.87	19.76	19.70	21.20
		25	25	19.78	19.68	19.77	21.20
		50	0	19.61	19.59	19.54	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	22.70	22.65	22.70	24.20
		1	38	22.62	22.61	22.67	24.20
		1	74	22.73	22.78	22.73	24.20
		36	0	21.51	21.62	21.46	23.20
		36	18	21.61	21.61	21.67	23.20
		36	39	21.50	21.74	21.82	23.20
		75	0	21.72	21.70	21.78	23.20
	16QAM	1	0	21.54	21.62	21.58	23.20
		1	38	21.55	21.62	21.63	23.20
		1	74	21.63	21.52	21.63	23.20
		36	0	20.60	20.63	20.48	22.20
		36	18	20.67	20.73	20.76	22.20
		36	39	20.82	20.64	20.66	22.20
		75	0	20.73	20.83	20.88	22.20
	64QAM	1	0	21.01	21.14	20.95	22.20
		1	38	21.26	21.12	21.15	22.20
		1	74	21.02	21.11	21.08	22.20
		36	0	19.65	19.68	19.85	21.20
		36	18	19.81	19.65	19.85	21.20
		36	39	19.76	19.75	19.63	21.20
		75	0	19.57	19.60	19.58	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.65	22.67	22.70	24.20
		1	50	22.72	22.69	22.61	24.20
		1	99	22.69	22.71	22.72	24.20
		50	0	21.60	21.60	21.54	23.20
		50	25	21.64	21.71	21.64	23.20
		50	50	21.58	21.66	21.74	23.20
		100	0	21.75	21.75	21.74	23.20
	16QAM	1	0	21.59	21.56	21.64	23.20
		1	50	21.56	21.58	21.65	23.20
		1	99	21.53	21.57	21.53	23.20
		50	0	20.60	20.58	20.57	22.20
		50	25	20.62	20.70	20.68	22.20
		50	50	20.74	20.71	20.65	22.20
		100	0	20.81	20.76	20.83	22.20

64QAM	1	0	21.07	21.10	21.03	22.20
	1	50	21.17	21.19	21.16	22.20
	1	99	21.04	21.11	21.07	22.20
	50	0	19.70	19.71	19.78	21.20
	50	25	19.81	19.74	19.78	21.20
	50	50	19.75	19.72	19.70	21.20
	100	0	19.63	19.67	19.64	21.20

LTE Band 66 DSI 5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	21.73	21.57	21.82	23.20	
		1	2	21.68	21.74	21.56	23.20	
		1	5	21.70	21.75	21.68	23.20	
		3	0	21.70	21.67	21.81	23.20	
		3	1	21.74	21.81	21.46	23.20	
		3	3	21.67	21.58	21.72	23.20	
	16QAM	6	0	21.75	21.75	21.74	23.20	
		1	0	21.59	21.56	21.64	23.20	
		1	2	21.56	21.58	21.65	23.20	
		1	5	21.53	21.57	21.53	23.20	
		3	0	20.60	20.58	20.57	22.20	
		3	1	20.62	20.70	20.68	22.20	
	64QAM	3	3	20.74	20.71	20.65	22.20	
		6	0	20.81	20.76	20.83	22.20	
		1	0	21.07	21.10	21.03	22.20	
		1	2	21.17	21.19	21.16	22.20	
		1	5	21.04	21.11	21.07	22.20	
		3	0	19.70	19.71	19.78	21.20	
	3MHz	QPSK	3	1	19.81	19.74	19.78	21.20
			3	3	19.75	19.72	19.70	21.20
			6	0	19.69	19.63	19.64	21.20
1			0	21.65	21.59	21.66	23.20	
1			7	21.74	21.76	21.47	23.20	
1			14	21.57	21.71	21.77	23.20	
16QAM		8	0	21.60	21.60	21.54	23.20	
		8	4	21.64	21.71	21.64	23.20	
		8	7	21.58	21.66	21.74	23.20	
		15	0	21.75	21.75	21.74	23.20	
		1	0	21.59	21.56	21.64	23.20	
		1	7	21.56	21.58	21.65	23.20	
64QAM	1	14	21.53	21.57	21.53	23.20		
	8	0	20.60	20.58	20.57	22.20		
	8	4	20.62	20.70	20.68	22.20		
	8	7	20.74	20.71	20.65	22.20		
	15	0	20.81	20.76	20.83	22.20		
	1	0	21.07	21.10	21.03	22.20		
5MHz	QPSK	1	7	21.17	21.19	21.16	22.20	
		1	14	21.04	21.11	21.07	22.20	
		8	0	19.78	19.71	19.70	21.20	
		8	4	19.85	19.79	19.86	21.20	
		8	7	19.77	19.75	19.66	21.20	
		15	0	19.63	19.60	19.72	21.20	
	QPSK	1	0	21.70	21.63	21.78	23.20	
		1	13	21.78	21.76	21.50	23.20	
		1	24	21.66	21.59	21.62	23.20	
		12	0	21.60	21.60	21.54	23.20	
		12	6	21.64	21.71	21.64	23.20	
		12	13	21.58	21.66	21.74	23.20	

	16QAM	1	0	21.59	21.56	21.64	23.20
		1	13	21.56	21.58	21.65	23.20
		1	24	21.53	21.57	21.53	23.20
		12	0	20.60	20.58	20.57	22.20
		12	6	20.62	20.70	20.68	22.20
		12	13	20.74	20.71	20.65	22.20
		25	0	20.81	20.76	20.83	22.20
	64QAM	1	0	21.07	21.10	21.03	22.20
		1	13	21.17	21.19	21.16	22.20
		1	24	21.04	21.11	21.07	22.20
		12	0	19.76	19.77	19.78	21.20
		12	6	19.82	19.76	19.85	21.20
		12	13	19.75	19.73	19.67	21.20
		25	0	19.68	19.63	19.65	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	21.75	21.65	21.74	23.20
		1	25	21.77	21.64	21.56	23.20
		1	49	21.58	21.74	21.72	23.20
		25	0	21.60	21.60	21.54	23.20
		25	13	21.64	21.71	21.64	23.20
		25	25	21.58	21.66	21.74	23.20
		50	0	21.75	21.75	21.74	23.20
	16QAM	1	0	21.59	21.56	21.64	23.20
		1	25	21.56	21.58	21.65	23.20
		1	49	21.53	21.57	21.53	23.20
		25	0	20.60	20.58	20.57	22.20
		25	13	20.62	20.70	20.68	22.20
		25	25	20.74	20.71	20.65	22.20
		50	0	20.81	20.76	20.83	22.20
	64QAM	1	0	21.07	21.10	21.03	22.20
		1	25	21.17	21.19	21.16	22.20
		1	49	21.04	21.11	21.07	22.20
		25	0	19.60	19.76	19.83	21.20
		25	13	19.87	19.76	19.70	21.20
		25	25	19.78	19.68	19.77	21.20
		50	0	19.61	19.59	19.54	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	21.63	21.60	21.82	23.20
		1	38	21.72	21.64	21.60	23.20
		1	74	21.71	21.68	21.72	23.20
		36	0	21.60	21.60	21.54	23.20
		36	18	21.64	21.71	21.64	23.20
		36	39	21.58	21.66	21.74	23.20
		75	0	21.75	21.75	21.74	23.20
	16QAM	1	0	21.59	21.56	21.64	23.20
		1	38	21.56	21.58	21.65	23.20
		1	74	21.53	21.57	21.53	23.20
		36	0	20.60	20.58	20.57	22.20
		36	18	20.62	20.70	20.68	22.20
		36	39	20.74	20.71	20.65	22.20
		75	0	20.81	20.76	20.83	22.20
	64QAM	1	0	21.07	21.10	21.03	22.20
		1	38	21.17	21.19	21.16	22.20
		1	74	21.04	21.11	21.07	22.20
		36	0	19.65	19.68	19.85	21.20
		36	18	19.81	19.65	19.85	21.20
		36	39	19.76	19.75	19.63	21.20
		75	0	19.57	19.60	19.58	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	21.66	21.66	21.72	23.20
		1	50	21.75	21.74	21.56	23.20
		1	99	21.65	21.68	21.71	23.20
		50	0	21.60	21.60	21.54	23.20
		50	25	21.64	21.71	21.64	23.20

	16QAM	50	50	21.58	21.66	21.74	23.20
		100	0	21.75	21.75	21.74	23.20
		1	0	21.59	21.56	21.64	23.20
		1	50	21.56	21.58	21.65	23.20
		1	99	21.53	21.57	21.53	23.20
		50	0	20.60	20.58	20.57	22.20
		50	25	20.62	20.70	20.68	22.20
		50	50	20.74	20.71	20.65	22.20
	64QAM	100	0	20.81	20.76	20.83	22.20
		1	0	21.07	21.10	21.03	22.20
		1	50	21.17	21.19	21.16	22.20
		1	99	21.04	21.11	21.07	22.20
		50	0	19.70	19.71	19.78	21.20
		50	25	19.81	19.74	19.78	21.20
		50	50	19.75	19.72	19.70	21.20
		100	0	19.63	19.67	19.64	21.20

LTE Band 66 DSI 8/9/10				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	20.19	20.06	20.32	21.70	
		1	2	20.26	20.16	19.97	21.70	
		1	5	20.19	20.11	20.18	21.70	
		3	0	19.98	20.06	20.14	21.70	
		3	1	20.23	20.35	20.14	21.70	
		3	3	20.17	20.16	20.24	21.70	
	16QAM	6	0	20.13	20.26	20.34	21.70	
		1	0	20.22	20.24	20.15	21.70	
		1	2	19.98	20.13	20.15	21.70	
		1	5	20.15	20.02	20.05	21.70	
		3	0	20.23	20.25	20.10	21.70	
		3	1	20.22	20.19	20.12	21.70	
	64QAM	3	3	20.11	20.16	20.39	21.70	
		6	0	20.03	19.90	20.01	21.70	
		1	0	20.19	19.91	20.12	21.70	
		1	2	20.02	20.18	19.96	21.70	
		1	5	20.09	20.15	19.97	21.70	
		3	0	20.18	19.92	20.10	21.70	
	3MHz	QPSK	3	1	19.98	20.16	19.92	21.70
			3	3	20.04	20.15	19.92	21.70
			6	0	19.69	19.63	19.64	21.20
			1	0	20.20	20.06	20.30	21.70
			1	7	20.32	20.22	19.93	21.70
			1	14	20.14	20.25	20.29	21.70
16QAM		8	0	20.03	20.00	20.21	21.70	
		8	4	20.07	20.18	20.22	21.70	
		8	7	20.03	20.04	20.22	21.70	
		15	0	20.09	20.29	20.23	21.70	
		1	0	20.28	20.32	20.04	21.70	
		1	7	19.97	20.20	20.21	21.70	
64QAM	1	14	20.06	20.07	19.93	21.70		
	8	0	20.26	20.20	20.08	21.70		
	8	4	20.12	20.24	20.11	21.70		
	8	7	20.10	20.06	20.22	21.70		
	15	0	20.06	20.06	20.13	21.70		
	1	0	20.03	20.10	20.02	21.70		
64QAM	1	7	20.08	20.09	19.99	21.70		
	1	14	19.98	20.16	20.05	21.70		
	8	0	19.78	19.71	19.70	21.20		
	8	4	19.85	19.79	19.86	21.20		
	8	7	19.77	19.75	19.66	21.20		
	15	0	19.63	19.60	19.72	21.20		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.22	20.22	20.25	21.70
		1	13	20.13	20.20	20.09	21.70
		1	24	20.26	20.22	20.20	21.70
		12	0	19.97	20.13	20.09	21.70
		12	6	20.14	20.18	20.25	21.70
		12	13	20.19	20.19	20.15	21.70
		25	0	20.10	20.32	20.39	21.70
	16QAM	1	0	20.21	20.23	20.11	21.70
		1	13	19.97	20.17	20.16	21.70
		1	24	20.22	20.12	19.93	21.70
		12	0	20.18	20.12	20.00	21.70
		12	6	20.15	20.11	20.24	21.70
		12	13	20.25	20.07	20.37	21.70
		25	0	20.01	20.02	20.03	21.70
	64QAM	1	0	20.17	20.05	20.18	21.70
		1	13	20.00	20.14	19.95	21.70
		1	24	19.99	20.14	19.91	21.70
		12	0	19.76	19.77	19.78	21.20
		12	6	19.82	19.76	19.85	21.20
		12	13	19.75	19.73	19.67	21.20
		25	0	19.68	19.63	19.65	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20.12	20.03	20.30	21.70
		1	25	20.32	20.17	19.91	21.70
		1	49	20.18	20.20	20.28	21.70
		25	0	20.01	20.06	20.03	21.70
		25	13	20.20	20.31	20.18	21.70
		25	25	20.13	20.09	20.25	21.70
		50	0	20.22	20.32	20.24	21.70
	16QAM	1	0	20.12	20.26	20.10	21.70
		1	25	20.17	20.18	20.10	21.70
		1	49	20.04	20.14	19.94	21.70
		25	0	20.08	20.11	19.97	21.70
		25	13	20.22	20.10	20.26	21.70
		25	25	20.18	20.25	20.29	21.70
		50	0	20.08	19.90	19.98	21.70
	64QAM	1	0	20.17	19.90	20.06	21.70
		1	25	19.97	20.17	19.98	21.70
		1	49	20.06	20.07	20.03	21.70
		25	0	19.60	19.76	19.83	21.20
		25	13	19.87	19.76	19.70	21.20
		25	25	19.78	19.68	19.77	21.20
		50	0	19.61	19.59	19.54	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	20.12	20.04	20.29	21.70
		1	38	20.20	20.13	19.91	21.70
		1	74	20.25	20.15	20.20	21.70
		36	0	20.09	20.06	20.02	21.70
		36	18	20.23	20.15	20.10	21.70
		36	39	20.15	20.18	20.23	21.70
		75	0	20.05	20.17	20.23	21.70
	16QAM	1	0	20.17	20.28	20.00	21.70
		1	38	20.11	20.03	20.10	21.70
		1	74	20.11	20.05	19.89	21.70
		36	0	20.13	20.07	20.02	21.70
		36	18	20.10	20.15	20.22	21.70
		36	39	20.20	20.11	20.20	21.70
		75	0	20.03	20.03	20.03	21.70
	64QAM	1	0	20.14	20.09	20.04	21.70
		1	38	19.97	20.13	19.91	21.70
		1	74	19.93	20.18	20.04	21.70
		36	0	19.70	19.71	19.78	21.20
		36	18	19.81	19.74	19.78	21.20

Bandwidth	Modulation	36	39	19.75	19.72	19.70	21.20
		75	0	19.63	19.67	19.64	21.20
		RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.15	20.13	20.27	21.70
		1	50	20.23	20.20	20.00	21.70
		1	99	20.17	20.21	20.23	21.70
		50	0	20.02	20.05	20.11	21.70
		50	25	20.15	20.25	20.20	21.70
		50	50	20.10	20.12	20.23	21.70
	16QAM	100	0	20.14	20.25	20.31	21.70
		1	0	20.20	20.33	20.10	21.70
		1	50	20.07	20.13	20.13	21.70
		1	99	20.14	20.12	19.95	21.70
		50	0	20.18	20.16	20.07	21.70
		50	25	20.13	20.20	20.19	21.70
	64QAM	50	50	20.17	20.16	20.29	21.70
		100	0	20.03	19.97	20.05	21.70
		1	0	20.13	20.00	20.09	21.70
		1	50	20.07	20.14	19.99	21.70
		1	99	20.03	20.15	19.95	21.70
		50	0	19.70	19.71	19.78	21.20
		50	25	19.81	19.74	19.78	21.20
		50	50	19.75	19.72	19.70	21.20
		100	0	19.63	19.67	19.64	21.20

8 Conducted Power of LTE Downlink CA

8.1 Conducted Power of LTE Downlink CA (Ant11)

DL LTE CA Class DSI 2/3/4/5/8/9/10	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_5A-5A	Band 5	10M	829	20450	QPSK	1	49	Band 5	5M	891.5	2625	/	/	/	/	/	/	/	/	23.17	23.28	24.2
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	891.5	2625	/	/	/	/	/	/	/	/	23.23	23.24	24.2
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	871.5	2425	/	/	/	/	/	/	/	/	22.98	23.18	24.2
CA_2A-5A	Band 5	10M	829	20450	QPSK	1	49	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.25	23.25	24.2
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.09	23.27	24.2
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.19	23.28	24.2
CA_4A-5A	Band 5	10M	829	20450	QPSK	1	49	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	23.11	23.30	24.2
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	23.20	23.28	24.2
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	23.14	23.15	24.2
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	49	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.94	23.14	24.2
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.18	23.28	24.2
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.10	23.18	24.2
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	49	Band 38	20M	2595	38000	/	/	/	/	/	/	/	/	23.07	23.14	24.2
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	2595	38000	/	/	/	/	/	/	/	/	23.09	23.14	24.2
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	2595	38000	/	/	/	/	/	/	/	/	23.21	23.21	24.2
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	49	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.11	23.26	24.2
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.03	23.10	24.2
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.05	23.18	24.2
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	49	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	23.01	23.16	24.2
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	23.09	23.21	24.2
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	23.02	23.12	24.2
CA_2A-4A-5A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	/	/	/	/	23.20	23.29	24.2
CA_2A-5A-7A	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	/	/	/	/	23.13	23.13	24.2
CA_2A-5A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 2	20M	1960	900	/	/	/	/	23.01	23.15	24.2
CA_4A-4A-5A	Band 5	10M	829	20450	QPSK	1	49	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	23.08	23.16	24.2
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	23.06	23.12	24.2
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	23.13	23.21	24.2
CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	/	/	/	/	23.09	23.13	24.2
CA_5A-66A-66A	Band 5	10M	829	20450	QPSK	1	49	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	23.07	23.27	24.2
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	22.95	23.10	24.2
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	23.24	23.28	24.2
CA_5A-7C	Band 5	10M	829	20450	QPSK	1	49	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	22.96	23.10	24.2
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	23.00	23.15	24.2
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	23.03	23.23	24.2
CA_5A-66C	Band 5	10M	829	20450	QPSK	1	49	Band 66	20M	2155	66886	Band 66	20M	2174.8	67084	/	/	/	/	23.15	23.22	24.2
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 66	20M	2174.8	67084	/	/	/	/	23.07	23.19	24.2
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155	66886	Band 66	20M	2174.8	67084	/	/	/	/	23.13	23.16	24.2
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	23.21	23.27	24.2
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	23.09	23.28	24.2
CA_7A-26A	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.96	23.12	24.2
	Band 26	15M	831.5	26865	QPSK	1	74	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.08	23.17	24.2
	Band 26	15M	841.5	26965	QPSK	1	38	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.14	23.29	24.2
CA_26A-38A	Band 26	15M	821.5	26765	QPSK	1	0	Band 38	20M	2595	38000	/	/	/	/	/	/	/	/	22.99	23.17	24.2
	Band 26	15M	831.5	26865	QPSK	1	74	Band 38	20M	2595	38000	/	/	/	/	/	/	/	/	23.02	23.18	24.2

	Band 26	15M	841.5	26965	QPSK	1	38	Band 38	20M	2595	38000	/	/	/	/	/	/	/	23.05	23.23	24.2
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	0	Band 41	20M	2593	40620	/	/	/	/	/	/	/	23.05	23.21	24.2
	Band 26	15M	831.5	26865	QPSK	1	74	Band 41	20M	2593	40620	/	/	/	/	/	/	/	23.06	23.25	24.2
	Band 26	15M	841.5	26965	QPSK	1	38	Band 41	20M	2593	40620	/	/	/	/	/	/	/	23.28	23.29	24.2

DL LTE CA Class DSI 4	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	/	/	/	/	/	/	/	/	22.86	22.92	24	
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	/	/	/	/	/	/	/	/	22.86	23.06	24	
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	/	/	/	/	/	/	/	/	23.05	23.10	24	
CA_66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	/	/	/	/	/	/	/	/	22.98	23.10	24.2	
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	/	/	/	/	/	/	/	/	22.96	23.16	24.2	
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	/	/	/	/	/	/	/	/	23.10	23.25	24.2	
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	22.89	23.03	24	
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	22.81	22.90	24	
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	/	/	/	/	22.80	22.97	24	
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	99	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	23.00	23.17	24.2	
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	23.09	23.23	24.2	
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	/	/	/	/	/	/	/	/	22.93	23.11	24.2	
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	23.07	23.09	24	
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	22.73	22.93	24	
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	/	/	/	/	/	/	/	/	22.94	22.97	24	
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	22.98	23.16	24.2	
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	22.97	23.12	24.2	
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	/	/	/	/	/	/	/	/	23.01	23.13	24.2	
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	22.97	23.09	24	
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	22.91	23.09	24	
	Band 2	20M	1900	19100	QPSK	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	22.88	23.03	24	
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.10	23.26	24.2	
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.00	23.16	24.2	
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.10	23.22	24.2	
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.01	23.10	24	
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.97	22.98	24	
	Band 2	20M	1900	19100	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.74	22.93	24	
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.06	23.06	24	
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.95	22.97	24	
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.89	23.05	24	
	Band 7	20M	2510	20850	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.97	23.01	24	
	Band 7	20M	2535	21100	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.83	22.94	24	
	Band 7	20M	2560	21350	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.73	22.93	24	
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.02	23.10	24	
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	22.77	22.95	24	
	Band 2	20M	1900	19100	QPSK	1	50	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	22.78	22.91	24	
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	22.93	23.07	24	
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	22.96	23.05	24	
	Band 2	20M	1900	19100	QPSK	1	50	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	22.95	22.95	24	
	Band 66	20M	1720	132072	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.01	23.10	24.2	
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.03	23.14	24.2	

	Band 66	20M	1770	132572	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.14	23.23	24.2
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.11	23.30	24.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.11	23.22	24.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.13	23.16	24.2
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.26	23.26	24.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.96	23.12	24.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.14	23.30	24.2
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	22.90	22.96	24
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	22.89	23.06	24
CA_5A-7A	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	22.96	23.02	24
	Band 7	20M	2510	20850	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.88	22.90	24
	Band 7	20M	2535	21100	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.81	23.01	24
CA_5A-66A	Band 7	20M	2560	21350	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.84	22.92	24
	Band 66	20M	1720	132072	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.90	23.10	24.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.02	23.16	24.2
CA_7A-26A	Band 66	20M	1770	132572	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.15	23.27	24.2
	Band 7	20M	2510	20850	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	22.79	22.94	24
	Band 7	20M	2535	21100	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.09	23.09	24
CA_7A-66A	Band 7	20M	2560	21350	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	22.93	23.03	24
	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	22.79	22.96	24
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	22.83	23.02	24
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	22.93	23.08	24
	Band 66	20M	1745	132322	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.19	23.27	24.2
CA_2A-4A-5A	Band 66	20M	1770	132572	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.08	23.13	24.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.16	23.17	24.2
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	/	/	/	/	22.99	23.06	24
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	/	/	/	/	23.19	23.29	24.2
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	22.79	22.99	24
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 5	10M	881.5	2525	/	/	/	/	23.04	23.20	24.2
CA_2A-7A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	/	/	/	/	22.95	22.97	24
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	Band 5	10M	881.5	2525	/	/	/	/	23.12	23.16	24.2
	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	22.89	22.96	24
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	23.07	23.07	24
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	22.86	22.96	24
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	23.08	23.09	24
CA_4A-4A-5A	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	22.89	23.06	24
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	Band 2	20M	1960	900	/	/	/	/	23.04	23.04	24
	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	23.13	23.25	24.2
CA_4A-4A-7A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	23.03	23.15	24.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 5	10M	881.5	2525	/	/	/	/	22.99	23.14	24.2
	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	23.21	23.25	24.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	22.99	23.12	24.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 7	20M	2655	3100	/	/	/	/	23.17	23.24	24.2
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	22.94	22.98	24
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	22.88	23.03	24
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	22.98	23.05	24
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	Band 5	10M	881.5	2525	/	/	/	/	22.86	22.97	24
	Band 66	20M	1745	132322	QPSK	1	99	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	22.99	23.16	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	/	/	/	/	23.08	23.19	24.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	23.09	23.21	24.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	23.08	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	/	/	/	/	23.02	23.03	24
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	23.00	23.02	24
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	22.95	23.10	24
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	23.07	23.13	24.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	22.91	23.11	24.2
CA_2A-7C	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	22.99	23.00	24
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	22.70	22.90	24
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	22.91	23.00	24
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 2	20M	1960	900	/	/	/	/	23.07	23.09	24
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	/	/	/	/	22.84	22.93	24
CA_4A-7C	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 2	20M	1960	900	/	/	/	/	22.85	23.04	24
	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	23.14	23.29	24.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	23.08	23.15	24.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	23.08	23.24	24.2
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 4	20M	2132.5	2175	/	/	/	/	22.91	23.10	24
CA_5A-7C	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	/	/	/	/	22.96	22.99	24
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 4	20M	2132.5	2175	/	/	/	/	22.80	22.94	24
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	/	/	/	/	22.88	22.93	24
CA_5A-66C	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	/	/	/	/	22.86	22.99	24
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 5	10M	881.5	2525	/	/	/	/	22.91	23.08	24
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	Band 5	10M	881.5	2525	/	/	/	/	23.04	23.24	24.2
CA_7C-66A	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	Band 5	10M	881.5	2525	/	/	/	/	23.15	23.16	24.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	Band 5	10M	881.5	2525	/	/	/	/	23.22	23.28	24.2
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	/	/	/	/	22.90	23.01	24
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	22.89	22.96	24
	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	22.75	22.95	24
	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	23.05	23.06	24
	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	23.01	23.20	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	23.21	23.30	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	23.14	23.19	24.2

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_7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	/	16.95	17.05	18
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	/	/	/	/	/	/	/	/	16.85	17.01	18
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	/	/	/	/	/	/	/	/	16.93	17.02	18
CA_66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	/	/	/	/	/	/	/	/	23.05	23.19	24.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	20M	2174.8	67084	/	/	/	/	/	/	/	/	23.06	23.15	24.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	20M	2170.2	67038	/	/	/	/	/	/	/	/	23.20	23.20	24.2
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	99	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	20.45	20.55	21.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	20.27	20.43	21.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	/	/	/	/	20.32	20.48	21.5
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	99	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	23.16	23.20	24.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	23.10	23.26	24.2

	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	/	/	/	/	/	/	/	/	23.21	23.29	24.2
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	16.97	17.06	18
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	16.93	16.99	18
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	/	/	/	/	/	/	/	/	16.91	16.97	18
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	23.11	23.16	24.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	23.09	23.12	24.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	/	/	/	/	/	/	/	/	23.06	23.10	24.2
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	20.41	20.43	21.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	20.28	20.45	21.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	20.42	20.50	21.5
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.20	23.26	24.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.17	23.30	24.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.95	23.13	24.2
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.28	20.44	21.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.36	20.41	21.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.32	20.45	21.5
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.41	20.44	21.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.37	20.43	21.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.43	20.51	21.5
	Band 7	20M	2510	20850	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	16.83	16.92	18
	Band 7	20M	2535	21100	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	16.92	17.07	18
	Band 7	20M	2560	21350	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	16.93	16.93	18
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	20.37	20.42	21.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	20.48	20.56	21.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	20.33	20.40	21.5
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	20.30	20.44	21.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	20.37	20.52	21.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	20.43	20.55	21.5
	Band 66	20M	1720	132072	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.17	23.22	24.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.03	23.12	24.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.98	23.15	24.2
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.10	23.26	24.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.01	23.14	24.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.16	23.28	24.2
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.95	23.15	24.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.13	23.26	24.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.96	23.16	24.2
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	16.78	16.98	18
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	16.77	16.92	18
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	16.92	16.93	18
CA_5A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	16.87	16.93	18
	Band 7	20M	2535	21100	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	16.83	16.96	18
	Band 7	20M	2560	21350	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	16.92	16.99	18
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.11	23.28	24.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.15	23.20	24.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.11	23.23	24.2
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	16.77	16.93	18
	Band 7	20M	2535	21100	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	16.88	17.04	18

	Band 7	20M	2560	21350	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	16.89	17.04	18	
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	16.91	17.03	18	
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	17.00	17.06	18	
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	16.76	16.96	18	
	Band 66	20M	1720	132072	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.99	23.12	24.2	
	Band 66	20M	1745	132322	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.98	23.15	24.2	
	Band 66	20M	1770	132572	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.30	23.30	24.2	
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	/	/	/	/	/	20.29	20.40	21.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	/	/	/	/	/	22.95	23.12	24.2
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	/	20.23	20.43	21.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 5	10M	881.5	2525	/	/	/	/	/	23.10	23.25	24.2
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	/	/	/	/	/	20.42	20.47	21.5
	Band 66	20M	1745	132322	QPSK	1	99	Band 2	20M	1960	900	Band 5	10M	881.5	2525	/	/	/	/	/	22.96	23.12	24.2
CA_2A-7A-7A	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	/	20.39	20.44	21.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	/	20.35	20.50	21.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	/	20.40	20.51	21.5
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	/	16.79	16.95	18
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	/	16.78	16.97	18
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	Band 2	20M	1960	900	/	/	/	/	/	16.94	17.06	18
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	/	23.14	23.19	24.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	/	23.23	23.30	24.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 5	10M	881.5	2525	/	/	/	/	/	23.08	23.13	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	/	/	/	/	/	22.99	23.14	24.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	/	23.03	23.23	24.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 7	20M	2655	3100	/	/	/	/	/	23.13	23.21	24.2
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	/	16.87	16.96	18
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	/	16.81	16.97	18
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	/	16.91	16.95	18
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	Band 5	10M	881.5	2525	/	/	/	/	/	16.94	16.98	18
	Band 66	20M	1745	132322	QPSK	1	99	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	/	23.08	23.21	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	/	/	/	/	/	23.05	23.25	24.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	/	23.03	23.14	24.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	/	23.17	23.23	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	/	/	/	/	/	16.85	16.99	18
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	/	17.04	17.05	18
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	/	16.92	17.05	18
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	/	23.24	23.29	24.2
	Band 66	20M	1745	132322	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	/	23.09	23.13	24.2
	Band 66	20M	1770	132572	QPSK	1	99	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	/	23.05	23.20	24.2
CA_2A-7C	Band 2	20M	1860	18700	QPSK	1	99	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	/	20.29	20.41	21.5
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	/	20.32	20.41	21.5
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	/	20.36	20.49	21.5
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 2	20M	1960	900	/	/	/	/	/	16.91	16.93	18
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	/	/	/	/	/	16.87	16.92	18
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 2	20M	1960	900	/	/	/	/	/	16.81	16.95	18
CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	/	23.11	23.27	24.2
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	/	23.20	23.24	24.2
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	/	22.92	23.12	24.2