

		100	0	17.73	17.85	17.72	18.80
--	--	-----	---	-------	-------	-------	-------

LTE Band 2 State 3/4/5/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	15.83	15.93	15.80	16.80
		1	2	15.96	15.97	15.79	16.80
		1	5	15.89	15.73	15.87	16.80
		3	0	15.89	15.88	15.69	16.80
		3	2	15.84	15.79	15.90	16.80
		3	3	15.98	15.76	15.64	16.80
		6	0	15.99	15.73	15.73	16.80
	16QAM	1	0	15.88	15.80	15.67	16.80
		1	2	15.85	15.74	15.69	16.80
		1	5	15.95	15.91	15.71	16.80
		3	0	15.65	15.83	15.91	16.80
		3	2	15.94	15.92	15.70	16.80
		3	3	15.74	15.68	15.55	16.80
		6	0	15.87	15.69	15.70	16.80
	64QAM	1	0	15.67	15.90	15.65	16.80
		1	2	15.86	15.93	15.81	16.80
		1	5	15.74	15.70	15.70	16.80
		3	0	15.92	15.95	15.63	16.80
		3	2	15.91	15.91	15.86	16.80
		3	3	15.71	15.69	15.73	16.80
		6	0	15.74	15.76	15.72	16.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	15.78	15.92	15.77	16.80
		1	7	15.91	15.98	15.76	16.80
		1	14	15.88	15.70	15.87	16.80
		8	0	15.90	15.89	15.72	16.80
		8	4	15.93	15.79	15.89	16.80
		8	7	15.94	15.78	15.66	16.80
		15	0	15.99	15.79	15.70	16.80
	16QAM	1	0	15.91	15.79	15.65	16.80
		1	7	15.90	15.72	15.70	16.80
		1	14	15.88	15.95	15.71	16.80
		8	0	15.72	15.83	15.91	16.80
		8	4	15.91	15.86	15.73	16.80
		8	7	15.78	15.69	15.59	16.80
		15	0	15.87	15.69	15.71	16.80
	64QAM	1	0	15.76	15.93	15.58	16.80
		1	7	15.80	15.87	15.82	16.80
		1	14	15.68	15.78	15.72	16.80
		8	0	15.93	15.90	15.63	16.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	8	4	15.82	15.93	15.87	16.80
		8	7	15.77	15.70	15.70	16.80
		15	0	15.72	15.82	15.71	16.80
		1	0	15.86	15.96	15.78	16.80
		1	13	15.91	15.90	15.79	16.80
		1	24	15.87	15.68	15.79	16.80
		12	0	15.94	15.83	15.68	16.80
	12	6	15.83	15.78	15.82	16.80	
	12	13	15.90	15.76	15.70	16.80	
	25	0	15.95	15.75	15.78	16.80	
	1	0	15.89	15.76	15.63	16.80	
	1	13	15.81	15.64	15.76	16.80	
	1	24	15.86	15.92	15.71	16.80	
	12	0	15.74	15.87	15.91	16.80	
	12	6	15.89	15.86	15.74	16.80	
	12	13	15.73	15.73	15.62	16.80	
	25	0	15.84	15.72	15.65	16.80	
	1	0	15.69	15.94	15.59	16.80	
	1	13	15.79	15.86	15.75	16.80	
	1	24	15.75	15.72	15.69	16.80	
	12	0	15.98	15.91	15.61	16.80	
	12	6	15.85	15.90	15.77	16.80	
	12	13	15.78	15.74	15.71	16.80	
	25	0	15.73	15.79	15.74	16.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	15.87	15.94	15.80	16.80
		1	25	15.97	15.90	15.74	16.80
		1	49	15.90	15.67	15.82	16.80
		25	0	15.96	15.81	15.68	16.80
		25	13	15.91	15.76	15.85	16.80
		25	25	15.89	15.73	15.60	16.80
		50	0	15.93	15.74	15.73	16.80
	1	0	15.85	15.76	15.60	16.80	
	1	25	15.87	15.64	15.72	16.80	
	1	49	15.92	15.95	15.73	16.80	
	25	0	15.64	15.85	15.86	16.80	
	25	13	15.91	15.93	15.71	16.80	
	25	25	15.70	15.73	15.58	16.80	
	50	0	15.79	15.68	15.67	16.80	
	1	0	15.77	15.87	15.59	16.80	
	1	25	15.77	15.88	15.85	16.80	
	1	49	15.72	15.77	15.71	16.80	
	25	0	16.00	15.90	15.66	16.80	
	25	13	15.82	15.90	15.80	16.80	

Bandwidth	Modulation	25	25	15.71	15.71	15.72	16.80	
		50	0	15.76	15.79	15.67	16.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	QPSK	1	0	15.86	16.00	15.74	16.80	
		1	38	15.93	15.97	15.70	16.80	
		1	74	15.91	15.69	15.83	16.80	
		36	0	15.89	15.89	15.72	16.80	
		36	18	15.91	15.70	15.89	16.80	
		36	39	15.98	15.69	15.66	16.80	
		75	0	15.92	15.72	15.69	16.80	
	16QAM	1	0	15.93	15.76	15.65	16.80	
		1	38	15.88	15.74	15.74	16.80	
		1	74	15.92	15.88	15.77	16.80	
		36	0	15.65	15.81	15.88	16.80	
		36	18	15.89	15.94	15.64	16.80	
		36	39	15.69	15.74	15.57	16.80	
		75	0	15.83	15.70	15.65	16.80	
	64QAM	1	0	15.77	15.91	15.61	16.80	
		1	38	15.85	15.86	15.78	16.80	
		1	74	15.72	15.72	15.71	16.80	
		36	0	15.95	15.98	15.61	16.80	
		36	18	15.90	15.99	15.77	16.80	
		36	39	15.72	15.67	15.67	16.80	
		75	0	15.75	15.75	15.72	16.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18700	18900	19100	
	20MHz	QPSK	1	0	15.87	16.02	15.83	16.80
1			50	15.97	15.99	15.80	16.80	
1			99	15.92	15.76	15.88	16.80	
50			0	15.98	15.91	15.74	16.80	
50			25	15.93	15.79	15.90	16.80	
50			50	15.98	15.78	15.70	16.80	
100			0	16.00	15.81	15.79	16.80	
16QAM		1	0	15.95	15.86	15.69	16.80	
		1	50	15.91	15.74	15.79	16.80	
		1	99	15.95	15.95	15.79	16.80	
		50	0	15.74	15.88	15.91	16.80	
		50	25	15.97	15.95	15.74	16.80	
		50	50	15.78	15.77	15.64	16.80	
		100	0	15.89	15.77	15.73	16.80	
64QAM		1	0	15.77	15.94	15.68	16.80	
		1	50	15.86	15.96	15.85	16.80	
		1	99	15.77	15.78	15.79	16.80	
		50	0	16.00	15.98	15.71	16.80	
		50	25	15.91	15.99	15.87	16.80	
		50	50	15.78	15.76	15.77	16.80	

		100	0	15.77	15.85	15.77	16.80
--	--	-----	---	-------	-------	-------	-------

LTE Band 7 State 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.13	22.16	22.03	22.80
		1	13	22.32	22.28	22.13	22.80
		1	24	22.21	22.11	21.98	22.80
		12	0	21.22	21.34	21.20	21.80
		12	6	21.32	21.20	21.17	21.80
		12	13	21.34	21.14	21.09	21.80
		25	0	21.27	21.26	21.08	21.80
	16QAM	1	0	21.30	21.19	21.12	21.80
		1	13	21.39	21.37	21.15	21.80
		1	24	21.30	21.16	21.18	21.80
		12	0	20.37	20.16	20.18	20.80
		12	6	20.25	20.16	20.06	20.80
		12	13	20.23	20.11	20.03	20.80
		25	0	20.31	20.25	20.12	20.80
	64QAM	1	0	20.39	20.26	20.17	20.80
		1	13	20.43	20.34	20.20	20.80
		1	24	20.19	20.17	20.05	20.80
		12	0	19.33	19.20	19.18	19.80
		12	6	19.24	19.17	19.16	19.80
		12	13	19.22	19.19	18.99	19.80
		25	0	19.30	19.18	19.08	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.14	22.22	22.12	22.80
		1	25	22.28	22.22	22.12	22.80
		1	49	22.21	22.09	21.98	22.80
		25	0	21.22	21.27	21.17	21.80
		25	13	21.26	21.22	21.15	21.80
		25	25	21.26	21.12	21.11	21.80
		50	0	21.26	21.23	21.08	21.80
	16QAM	1	0	21.37	21.23	21.17	21.80
		1	25	21.46	21.30	21.17	21.80
		1	49	21.36	21.17	21.14	21.80
		25	0	20.30	20.22	20.17	20.80
		25	13	20.31	20.22	20.05	20.80
		25	25	20.29	20.10	20.00	20.80
		50	0	20.33	20.22	20.03	20.80
	64QAM	1	0	20.35	20.33	20.12	20.80
		1	25	20.46	20.33	20.21	20.80
		1	49	20.26	20.10	20.02	20.80
		25	0	19.36	19.20	19.11	19.80

		25	13	19.22	19.15	19.10	19.80
		25	25	19.25	19.17	19.00	19.80
		50	0	19.28	19.15	19.05	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.15	22.17	22.07	22.80
		1	38	22.29	22.23	22.12	22.80
		1	74	22.26	22.15	22.01	22.80
		36	0	21.29	21.30	21.23	21.80
		36	18	21.36	21.20	21.12	21.80
		36	39	21.36	21.22	21.07	21.80
		75	0	21.26	21.30	21.14	21.80
	16QAM	1	0	21.31	21.21	21.15	21.80
		1	38	21.42	21.29	21.23	21.80
		1	74	21.29	21.22	21.18	21.80
		36	0	20.37	20.18	20.09	20.80
		36	18	20.30	20.17	20.04	20.80
		36	39	20.24	20.17	20.03	20.80
		75	0	20.30	20.27	20.03	20.80
	64QAM	1	0	20.36	20.33	20.19	20.80
		1	38	20.44	20.30	20.25	20.80
		1	74	20.21	20.10	20.07	20.80
		36	0	19.33	19.17	19.17	19.80
		36	18	19.26	19.20	19.07	19.80
		36	39	19.23	19.21	19.06	19.80
		75	0	19.30	19.20	19.10	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.23	22.26	22.13	22.80
		1	50	22.33	22.30	22.18	22.80
		1	99	22.26	22.17	22.02	22.80
		50	0	21.29	21.35	21.23	21.80
		50	25	21.36	21.30	21.22	21.80
		50	50	21.36	21.22	21.11	21.80
		100	0	21.30	21.30	21.18	21.80
	16QAM	1	0	21.40	21.28	21.20	21.80
		1	50	21.48	21.39	21.25	21.80
		1	99	21.39	21.26	21.19	21.80
		50	0	20.40	20.26	20.18	20.80
		50	25	20.34	20.25	20.10	20.80
		50	50	20.32	20.19	20.09	20.80
		100	0	20.37	20.28	20.13	20.80
	64QAM	1	0	20.41	20.34	20.20	20.80
		1	50	20.49	20.36	20.25	20.80
		1	99	20.26	20.20	20.08	20.80
		50	0	19.38	19.26	19.21	19.80
		50	25	19.29	19.23	19.16	19.80

		50	50	19.28	19.23	19.09	19.80
		100	0	19.33	19.25	19.10	19.80

LTE Band 7 State 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.99	16.85	17.03	18.80
		1	13	17.08	17.03	17.27	18.80
		1	24	16.82	16.99	17.14	18.80
		12	0	16.99	17.05	17.23	18.80
		12	6	17.11	17.09	17.29	18.80
		12	13	17.19	17.10	17.33	18.80
		25	0	17.15	17.08	17.25	18.80
	16QAM	1	0	16.95	17.06	17.22	18.80
		1	13	17.16	17.17	17.39	18.80
		1	24	17.02	16.94	17.28	18.80
		12	0	16.94	16.89	17.12	18.80
		12	6	17.06	17.10	17.28	18.80
		12	13	17.06	17.01	17.25	18.80
		25	0	16.94	17.04	17.22	18.80
	64QAM	1	0	17.11	16.96	17.22	18.80
		1	13	17.07	17.07	17.33	18.80
		1	24	17.05	17.06	17.35	18.80
		12	0	16.87	16.95	17.25	18.80
		12	6	17.01	16.98	17.12	18.80
		12	13	17.14	17.13	17.32	18.80
		25	0	17.04	17.04	17.14	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.07	16.86	17.05	18.80
		1	25	17.05	17.03	17.21	18.80
		1	49	16.81	16.97	17.12	18.80
		25	0	16.98	17.02	17.21	18.80
		25	13	17.15	17.00	17.35	18.80
		25	25	17.27	17.14	17.34	18.80
		50	0	17.04	17.04	17.33	18.80
	16QAM	1	0	16.99	16.98	17.29	18.80
		1	25	17.20	17.24	17.39	18.80
		1	49	17.00	17.02	17.31	18.80
		25	0	16.96	16.95	17.14	18.80
		25	13	17.13	17.10	17.32	18.80
		25	25	17.13	17.08	17.32	18.80
		50	0	16.99	16.96	17.17	18.80
	64QAM	1	0	17.09	16.93	17.24	18.80
		1	25	17.12	17.01	17.39	18.80
		1	49	17.02	16.93	17.25	18.80

		25	0	16.84	17.01	17.15	18.80
		25	13	17.06	16.95	17.12	18.80
		25	25	17.12	17.11	17.35	18.80
		50	0	17.08	17.08	17.20	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.99	16.82	17.08	18.80
		1	38	17.12	17.02	17.22	18.80
		1	74	16.82	17.01	17.20	18.80
		36	0	17.03	17.00	17.16	18.80
		36	18	17.09	16.97	17.28	18.80
		36	39	17.18	17.17	17.31	18.80
		75	0	17.14	17.10	17.25	18.80
	16QAM	1	0	16.97	17.04	17.26	18.80
		1	38	17.19	17.22	17.41	18.80
		1	74	16.98	17.07	17.30	18.80
		36	0	16.87	16.88	17.13	18.80
		36	18	17.11	17.04	17.33	18.80
		36	39	17.07	17.03	17.31	18.80
		75	0	16.96	16.98	17.18	18.80
	64QAM	1	0	17.08	16.97	17.22	18.80
		1	38	17.10	17.01	17.34	18.80
		1	74	16.98	16.92	17.30	18.80
		36	0	16.86	16.95	17.27	18.80
		36	18	16.96	16.97	17.22	18.80
		36	39	17.06	17.19	17.32	18.80
		75	0	17.01	17.03	17.15	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.04	16.87	17.04	18.80
		1	50	17.18	17.09	17.49	18.80
		1	99	16.89	17.06	17.22	18.80
		50	0	17.06	17.06	17.21	18.80
		50	25	17.16	17.10	17.35	18.80
		50	50	17.27	17.23	17.37	18.80
		100	0	17.15	17.13	17.34	18.80
	16QAM	1	0	17.04	17.03	17.32	18.80
		1	50	17.22	17.21	17.46	18.80
		1	99	17.06	17.08	17.36	18.80
		50	0	16.95	16.90	17.20	18.80
		50	25	17.14	17.11	17.41	18.80
		50	50	17.13	17.11	17.33	18.80
		100	0	17.04	17.08	17.20	18.80
	64QAM	1	0	17.07	17.02	17.27	18.80
		1	50	17.17	17.12	17.42	18.80
		1	99	17.06	17.06	17.30	18.80
		50	0	16.90	16.99	17.25	18.80

		50	25	17.07	17.04	17.20	18.80
		50	50	17.14	17.19	17.34	18.80
		100	0	17.12	17.07	17.22	18.80

LTE Band 7 State 4/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.49	19.36	19.53	21.30
		1	13	19.58	19.58	19.71	21.30
		1	24	19.63	19.58	19.63	21.30
		12	0	19.51	19.53	19.70	21.30
		12	6	19.64	19.57	19.80	21.30
		12	13	19.79	19.67	19.76	21.30
		25	0	19.60	19.63	19.81	21.30
	16QAM	1	0	19.40	19.41	19.67	21.30
		1	13	19.74	19.64	19.68	21.30
		1	24	19.48	19.48	19.80	21.30
		12	0	18.91	18.86	19.07	20.80
		12	6	19.00	19.08	19.30	20.80
		12	13	19.12	19.10	19.30	20.80
		25	0	18.95	18.96	19.19	20.80
	64QAM	1	0	19.07	18.97	19.26	20.80
		1	13	19.08	19.08	19.30	20.80
		1	24	18.96	18.99	19.27	20.80
		12	0	17.93	17.96	18.21	19.80
		12	6	18.00	17.96	18.17	19.80
		12	13	18.06	18.19	18.34	19.80
		25	0	18.00	18.04	18.16	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	19.49	19.59	19.62	21.30
		1	25	19.57	19.49	19.78	21.30
		1	49	19.39	19.57	19.59	21.30
		25	0	19.45	19.51	19.67	21.30
		25	13	19.61	19.63	19.74	21.30
		25	25	19.82	19.69	19.89	21.30
		50	0	19.62	19.55	19.80	21.30
	16QAM	1	0	19.46	19.46	19.57	21.30
		1	25	19.63	19.74	19.69	21.30
		1	49	19.48	19.50	19.82	21.30
		25	0	18.95	18.93	19.07	20.80
		25	13	18.99	19.11	19.28	20.80
		25	25	19.06	19.12	19.28	20.80
		50	0	18.93	18.96	19.22	20.80
	64QAM	1	0	19.07	18.87	19.19	20.80
		1	25	19.04	19.03	19.27	20.80

		1	49	19.05	19.04	19.23	20.80
		25	0	17.95	17.90	18.19	19.80
		25	13	18.07	17.92	18.13	19.80
		25	25	18.11	18.16	18.39	19.80
		50	0	18.04	17.98	18.20	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.54	19.32	19.51	21.30
		1	38	19.58	19.55	19.75	21.30
		1	74	19.30	19.49	19.68	21.30
		36	0	19.52	19.55	19.66	21.30
		36	18	19.61	19.53	19.85	21.30
		36	39	19.71	19.64	19.86	21.30
		75	0	19.61	19.63	19.78	21.30
	16QAM	1	0	19.46	19.44	19.60	21.30
		1	38	19.69	19.69	19.70	21.30
		1	74	19.49	19.54	19.81	21.30
		36	0	18.92	18.90	19.10	20.80
		36	18	19.05	19.11	19.22	20.80
		36	39	19.11	19.14	19.34	20.80
		75	0	18.90	18.97	19.16	20.80
	64QAM	1	0	19.04	18.94	19.23	20.80
		1	38	19.01	19.04	19.23	20.80
		1	74	19.00	19.03	19.26	20.80
		36	0	17.90	17.96	18.22	19.80
		36	18	18.08	18.00	18.21	19.80
		36	39	18.11	18.16	18.32	19.80
		75	0	18.00	17.99	18.19	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	19.53	19.42	19.64	21.30
		1	50	19.63	19.59	19.91	21.30
		1	99	19.35	19.59	19.65	21.30
		50	0	19.56	19.58	19.73	21.30
		50	25	19.64	19.63	19.84	21.30
		50	50	19.81	19.72	19.87	21.30
		100	0	19.63	19.67	19.81	21.30
	16QAM	1	0	19.53	19.52	19.68	21.30
		1	50	19.70	19.74	19.79	21.30
		1	99	19.57	19.61	19.88	21.30
		50	0	18.95	18.94	19.15	20.80
		50	25	19.08	19.09	19.30	20.80
		50	50	19.14	19.19	19.38	20.80
		100	0	18.97	19.01	19.19	20.80
	64QAM	1	0	19.14	18.99	19.27	20.80
		1	50	19.08	19.17	19.34	20.80
		1	99	19.02	19.08	19.35	20.80

		50	0	17.97	18.02	18.30	19.80
		50	25	18.12	18.00	18.22	19.80
		50	50	18.13	18.20	18.40	19.80
		100	0	18.03	18.04	18.20	19.80

LTE Band 7 State 3/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	15.42	15.36	15.51	17.30
		1	13	15.41	15.47	15.66	17.30
		1	24	15.36	15.44	15.46	17.30
		12	0	15.38	15.38	15.58	17.30
		12	6	15.50	15.52	15.72	17.30
		12	13	15.64	15.61	15.77	17.30
		25	0	15.53	15.55	15.63	17.30
	16QAM	1	0	15.50	15.36	15.49	17.30
		1	13	15.57	15.57	15.69	17.30
		1	24	15.49	15.47	15.77	17.30
		12	0	15.49	15.42	15.45	17.30
		12	6	15.42	15.47	15.76	17.30
		12	13	15.31	15.49	15.57	17.30
		25	0	15.51	15.40	15.63	17.30
	64QAM	1	0	15.51	15.39	15.72	17.30
		1	13	15.68	15.60	15.74	17.30
		1	24	15.49	15.55	15.68	17.30
		12	0	15.41	15.32	15.45	17.30
		12	6	15.64	15.55	15.67	17.30
		12	13	15.49	15.50	15.75	17.30
		25	0	15.64	15.44	15.61	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	15.50	15.38	15.44	17.30
		1	25	15.50	15.50	15.59	17.30
		1	49	15.30	15.46	15.46	17.30
		25	0	15.38	15.45	15.66	17.30
		25	13	15.53	15.53	15.71	17.30
		25	25	15.63	15.64	15.70	17.30
		50	0	15.55	15.51	15.69	17.30
	16QAM	1	0	15.54	15.41	15.50	17.30
		1	25	15.60	15.59	15.59	17.30
		1	49	15.51	15.44	15.70	17.30
		25	0	15.41	15.41	15.48	17.30
		25	13	15.53	15.46	15.71	17.30
		25	25	15.31	15.44	15.51	17.30
		50	0	15.46	15.52	15.59	17.30
	64QAM	1	0	15.60	15.43	15.66	17.30

		1	25	15.65	15.54	15.77	17.30
		1	49	15.51	15.51	15.64	17.30
		25	0	15.39	15.63	15.51	17.30
		25	13	15.54	15.56	15.64	17.30
		25	25	15.48	15.45	15.75	17.30
		50	0	15.65	15.47	15.55	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	15.41	15.33	15.43	17.30
		1	38	15.47	15.51	15.63	17.30
		1	74	15.38	15.43	15.49	17.30
		36	0	15.36	15.43	15.57	17.30
		36	18	15.51	15.53	15.82	17.30
		36	39	15.73	15.56	15.77	17.30
		75	0	15.58	15.52	15.69	17.30
	16QAM	1	0	15.51	15.31	15.48	17.30
		1	38	15.59	15.57	15.65	17.30
		1	74	15.50	15.42	15.73	17.30
		36	0	15.36	15.37	15.37	17.30
		36	18	15.48	15.48	15.62	17.30
		36	39	15.42	15.45	15.54	17.30
		75	0	15.43	15.45	15.58	17.30
	64QAM	1	0	15.59	15.48	15.72	17.30
		1	38	15.63	15.57	15.78	17.30
		1	74	15.49	15.59	15.69	17.30
		36	0	15.39	15.32	15.55	17.30
		36	18	15.58	15.54	15.68	17.30
		36	39	15.46	15.41	15.66	17.30
		75	0	15.30	15.36	15.68	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	15.53	15.39	15.53	17.30
		1	50	15.54	15.54	15.70	17.30
		1	99	15.35	15.49	15.55	17.30
		50	0	15.47	15.45	15.64	17.30
		50	25	15.56	15.58	15.83	17.30
		50	50	15.74	15.61	15.77	17.30
		100	0	15.58	15.64	15.73	17.30
	16QAM	1	0	15.55	15.43	15.50	17.30
		1	50	15.66	15.63	15.74	17.30
		1	99	15.53	15.47	15.81	17.30
		50	0	15.45	15.40	15.52	17.30
		50	25	15.54	15.52	15.75	17.30
		50	50	15.40	15.51	15.64	17.30
		100	0	15.48	15.52	15.65	17.30
	64QAM	1	0	15.60	15.48	15.77	17.30
		1	50	15.72	15.61	15.78	17.30

		1	99	15.52	15.61	15.69	17.30
		50	0	15.46	15.35	15.54	17.30
		50	25	15.65	15.63	15.67	17.30
		50	50	15.53	15.54	15.79	17.30
		100	0	15.34	15.47	15.63	17.30

(For DC_7A_N66)LTE Band 7 State 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.03	15.89	16.06	17.80
		1	13	16.09	16.05	16.29	17.80
		1	24	15.82	16.02	16.18	17.80
		12	0	16.02	16.06	16.25	17.80
		12	6	16.16	16.10	16.34	17.80
		12	13	16.20	16.13	16.34	17.80
		25	0	16.16	16.08	16.30	17.80
	16QAM	1	0	15.97	16.06	16.26	17.80
		1	13	16.17	16.18	16.42	17.80
		1	24	16.03	15.99	16.29	17.80
		12	0	15.96	15.89	16.15	17.80
		12	6	16.06	16.10	16.31	17.80
		12	13	16.07	16.06	16.27	17.80
		25	0	15.99	16.08	16.24	17.80
	64QAM	1	0	16.11	15.99	16.24	17.80
		1	13	16.10	16.12	16.33	17.80
		1	24	16.05	16.06	16.35	17.80
		12	0	15.90	15.95	16.27	17.80
		12	6	16.06	16.03	16.12	17.80
		12	13	16.19	16.17	16.34	17.80
		25	0	16.05	16.04	16.19	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	16.07	15.87	16.07	17.80
		1	25	16.08	16.08	16.22	17.80
		1	49	15.82	16.01	16.13	17.80
		25	0	16.03	16.07	16.23	17.80
		25	13	16.20	16.01	16.36	17.80
		25	25	16.29	16.19	16.37	17.80
		50	0	16.07	16.04	16.34	17.80
	16QAM	1	0	16.04	15.98	16.32	17.80
		1	25	16.22	16.24	16.43	17.80
		1	49	16.04	16.03	16.36	17.80
		25	0	15.99	15.95	16.16	17.80
		25	13	16.15	16.10	16.34	17.80
		25	25	16.13	16.08	16.35	17.80
		50	0	16.02	15.98	16.19	17.80

		1	0	16.09	15.96	16.27	17.80
		1	25	16.13	16.05	16.41	17.80
		1	49	16.05	15.97	16.26	17.80
	64QAM	25	0	15.86	16.04	16.20	17.80
		25	13	16.06	15.99	16.14	17.80
		25	25	16.17	16.12	16.39	17.80
		50	0	16.11	16.09	16.20	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.00	15.82	16.08	17.80
		1	38	16.13	16.04	16.25	17.80
		1	74	15.83	16.06	16.21	17.80
		36	0	16.06	16.01	16.20	17.80
		36	18	16.14	16.02	16.33	17.80
		36	39	16.23	16.20	16.36	17.80
		75	0	16.16	16.14	16.25	17.80
	16QAM	1	0	15.99	16.04	16.28	17.80
		1	38	16.21	16.25	16.41	17.80
		1	74	16.03	16.09	16.35	17.80
		36	0	15.92	15.92	16.16	17.80
		36	18	16.12	16.09	16.34	17.80
		36	39	16.10	16.06	16.35	17.80
		75	0	15.99	15.99	16.21	17.80
	64QAM	1	0	16.09	16.02	16.22	17.80
		1	38	16.10	16.06	16.37	17.80
		1	74	16.01	15.97	16.31	17.80
		36	0	15.90	15.98	16.27	17.80
		36	18	16.00	16.00	16.22	17.80
		36	39	16.10	16.19	16.36	17.80
		75	0	16.06	16.08	16.20	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.09	15.91	16.08	17.80
		1	50	16.18	16.10	16.50	17.80
		1	99	15.92	16.07	16.23	17.80
		50	0	16.08	16.08	16.26	17.80
		50	25	16.21	16.10	16.36	17.80
		50	50	16.30	16.23	16.41	17.80
		100	0	16.17	16.14	16.34	17.80
	16QAM	1	0	16.05	16.06	16.32	17.80
		1	50	16.26	16.25	16.46	17.80
		1	99	16.11	16.09	16.38	17.80
		50	0	15.99	15.95	16.24	17.80
		50	25	16.16	16.15	16.41	17.80
		50	50	16.17	16.16	16.35	17.80
		100	0	16.04	16.08	16.24	17.80
	64QAM	1	0	16.12	16.06	16.27	17.80

		1	50	16.17	16.14	16.42	17.80
		1	99	16.10	16.07	16.35	17.80
		50	0	15.95	16.04	16.30	17.80
		50	25	16.07	16.04	16.22	17.80
		50	50	16.19	16.20	16.39	17.80
		100	0	16.13	16.12	16.24	17.80

(For DC_7A_N66)LTE Band 7 State 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.51	19.36	19.56	21.30
		1	13	19.62	19.62	19.75	21.30
		1	24	19.32	19.60	19.66	21.30
		12	0	19.51	19.55	19.72	21.30
		12	6	19.67	19.57	19.81	21.30
		12	13	19.83	19.72	19.80	21.30
		25	0	19.64	19.63	19.84	21.30
	16QAM	1	0	19.44	19.45	19.67	21.30
		1	13	19.74	19.69	19.70	21.30
		1	24	19.51	19.53	19.80	21.30
		12	0	18.96	18.91	19.12	20.80
		12	6	19.01	19.10	19.34	20.80
		12	13	19.12	19.11	19.35	20.80
		25	0	18.97	19.00	19.20	20.80
	64QAM	1	0	19.07	18.97	19.26	20.80
		1	13	19.08	19.08	19.33	20.80
		1	24	19.01	19.00	19.29	20.80
		12	0	17.94	17.97	18.25	19.80
		12	6	18.03	18.00	18.17	19.80
		12	13	18.07	18.20	18.37	19.80
		25	0	18.00	18.05	18.18	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK			20800	21100	21400	
		1	0	19.53	19.34	19.63	21.30
		1	25	19.62	19.54	19.82	21.30
		1	49	19.39	19.61	19.60	21.30
		25	0	19.46	19.53	19.67	21.30
		25	13	19.66	19.65	19.79	21.30
		25	25	19.82	19.73	19.89	21.30
	16QAM	50	0	19.63	19.59	19.83	21.30
		1	0	19.51	19.48	19.62	21.30
		1	25	19.65	19.76	19.73	21.30
		1	49	19.49	19.54	19.86	21.30
		25	0	18.95	18.96	19.09	20.80
		25	13	19.00	19.11	19.29	20.80
		25	25	19.07	19.17	19.30	20.80

		50	0	18.96	18.98	19.24	20.80	
	64QAM	1	0	19.07	18.92	19.22	20.80	
		1	25	19.07	19.08	19.28	20.80	
		1	49	19.06	19.08	19.25	20.80	
		25	0	17.97	17.92	18.20	19.80	
		25	13	18.10	17.96	18.18	19.80	
		25	25	18.15	18.18	18.43	19.80	
		50	0	18.06	18.01	18.20	19.80	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375		
15MHz	QPSK	1	0	19.55	19.33	19.55	21.30	
		1	38	19.59	19.60	19.75	21.30	
		1	74	19.35	19.53	19.70	21.30	
		36	0	19.54	19.55	19.68	21.30	
		36	18	19.61	19.57	19.86	21.30	
		36	39	19.76	19.67	19.89	21.30	
		75	0	19.66	19.64	19.80	21.30	
	16QAM	1	0	19.50	19.47	19.60	21.30	
		1	38	19.69	19.74	19.70	21.30	
		1	74	19.49	19.59	19.84	21.30	
		36	0	18.94	18.90	19.11	20.80	
		36	18	19.07	19.11	19.27	20.80	
		36	39	19.12	19.19	19.36	20.80	
		75	0	18.91	19.02	19.21	20.80	
	64QAM	1	0	19.06	18.96	19.23	20.80	
		1	38	19.05	19.08	19.27	20.80	
		1	74	19.02	19.06	19.27	20.80	
		36	0	17.95	18.01	18.25	19.80	
		36	18	18.08	18.01	18.21	19.80	
		36	39	18.16	18.20	18.37	19.80	
		75	0	18.04	18.01	18.20	19.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
	20MHz	QPSK	1	0	19.56	19.43	19.64	21.30
1			50	19.66	19.64	19.91	21.30	
1			99	19.40	19.62	19.70	21.30	
50			0	19.56	19.58	19.77	21.30	
50			25	19.68	19.65	19.88	21.30	
50			50	19.84	19.76	19.90	21.30	
100			0	19.68	19.69	19.86	21.30	
16QAM		1	0	19.54	19.53	19.68	21.30	
		1	50	19.75	19.76	19.80	21.30	
		1	99	19.59	19.62	19.88	21.30	
		50	0	18.99	18.97	19.18	20.80	
		50	25	19.09	19.12	19.34	20.80	
		50	50	19.14	19.20	19.38	20.80	
		100	0	18.98	19.06	19.24	20.80	

64QAM	1	0	19.16	19.01	19.31	20.80
	1	50	19.13	19.18	19.34	20.80
	1	99	19.07	19.10	19.35	20.80
	50	0	18.01	18.02	18.30	19.80
	50	25	18.12	18.04	18.22	19.80
	50	50	18.16	18.20	18.43	19.80
	100	0	18.06	18.06	18.20	19.80

(For DC_7A_N66)LTE Band 7 State 3/5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	14.95	14.89	15.04	16.80	
		1	13	14.95	14.97	15.21	16.80	
		1	24	14.86	14.97	14.99	16.80	
		12	0	14.91	14.89	15.08	16.80	
		12	6	15.02	15.06	15.26	16.80	
		12	13	15.19	15.14	15.27	16.80	
		25	0	15.05	15.08	15.14	16.80	
	16QAM	1	0	15.00	14.91	15.04	16.80	
		1	13	15.11	15.08	15.19	16.80	
		1	24	15.00	15.01	15.27	16.80	
		12	0	14.99	14.92	14.99	16.80	
		12	6	14.97	14.98	15.27	16.80	
		12	13	14.83	15.02	15.08	16.80	
		25	0	15.01	14.95	15.14	16.80	
	64QAM	1	0	15.04	14.92	15.23	16.80	
		1	13	15.21	15.11	15.26	16.80	
		1	24	15.02	15.08	15.21	16.80	
		12	0	14.96	14.87	15.00	16.80	
		12	6	15.15	15.09	15.20	16.80	
		12	13	15.01	15.03	15.29	16.80	
		25	0	15.14	14.97	15.16	16.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	15.01	14.88	14.97	16.80
			1	25	15.04	15.02	15.13	16.80
1			49	14.82	14.99	15.00	16.80	
25			0	14.93	14.98	15.16	16.80	
25			13	15.07	15.04	15.25	16.80	
25			25	15.18	15.14	15.23	16.80	
50			0	15.08	15.06	15.22	16.80	
16QAM		1	0	15.08	14.92	15.00	16.80	
		1	25	15.11	15.13	15.14	16.80	
		1	49	15.04	14.98	15.22	16.80	
		25	0	14.93	14.94	15.01	16.80	
		25	13	15.05	14.99	15.21	16.80	
		20800	21100	21400				

	64QAM	100	0	15.02	15.03	15.18	16.80
		1	0	15.14	15.02	15.28	16.80
		1	50	15.25	15.13	15.33	16.80
		1	99	15.07	15.13	15.24	16.80
		50	0	14.96	14.87	15.08	16.80
		50	25	15.17	15.15	15.21	16.80
		50	50	15.03	15.05	15.29	16.80
		100	0	14.85	15.00	15.18	16.80

(For DC_7A_N66)LTE Band 7 State 4/6				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20775	21100	21425			
5MHz	QPSK	1	0	18.04	17.90	18.08	19.80		
		1	13	17.95	18.05	18.22	19.80		
		1	24	17.89	17.92	18.07	19.80		
		12	0	18.00	17.94	18.11	19.80		
		12	6	18.06	18.02	18.26	19.80		
		12	13	18.19	18.08	18.31	19.80		
		25	0	18.02	18.07	18.16	19.80		
	16QAM	1	0	18.15	18.03	17.98	19.80		
		1	13	18.24	18.09	18.17	19.80		
		1	24	18.06	17.95	18.20	19.80		
		12	0	18.00	17.97	17.92	19.80		
		12	6	17.98	17.99	18.31	19.80		
		12	13	17.83	18.07	18.09	19.80		
		25	0	17.99	17.93	18.21	19.80		
	64QAM	1	0	18.04	17.95	18.33	19.80		
		1	13	18.17	18.06	18.31	19.80		
		1	24	18.07	18.12	18.27	19.80		
		12	0	17.92	17.94	18.07	19.80		
		12	6	18.10	18.20	18.20	19.80		
		12	13	17.92	18.01	18.35	19.80		
		25	0	17.99	17.94	18.17	19.80		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
10MHz	QPSK	1	0	17.95	17.88	18.05	19.80		
		1	25	17.98	18.04	18.26	19.80		
		1	49	17.89	17.93	18.01	19.80		
		25	0	17.98	17.93	18.15	19.80		
		25	13	18.09	18.01	18.28	19.80		
		25	25	18.19	18.09	18.26	19.80		
		50	0	18.09	18.12	18.12	19.80		
	16QAM	1	0	18.14	17.97	18.03	19.80		
		1	25	18.17	18.06	18.20	19.80		
		1	49	18.03	18.04	18.26	19.80		
		25	0	17.92	17.94	17.89	19.80		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		10MHz	QPSK	1	0	17.95	17.88	18.05	19.80
				1	25	17.98	18.04	18.26	19.80
1	49			17.89	17.93	18.01	19.80		
25	0			17.98	17.93	18.15	19.80		
25	13			18.09	18.01	18.28	19.80		
25	25			18.19	18.09	18.26	19.80		
50	0			18.09	18.12	18.12	19.80		
16QAM	1		0	18.14	17.97	18.03	19.80		
	1		25	18.17	18.06	18.20	19.80		
	1		49	18.03	18.04	18.26	19.80		
	25		0	17.92	17.94	17.89	19.80		

		25	13	17.99	18.02	18.29	19.80	
		25	25	17.88	17.98	18.06	19.80	
		50	0	17.97	17.97	18.17	19.80	
	64QAM	1	0	18.06	18.04	18.32	19.80	
		1	25	18.15	18.07	18.25	19.80	
		1	49	18.07	18.05	18.19	19.80	
		25	0	17.96	17.93	18.00	19.80	
		25	13	18.14	18.11	18.22	19.80	
		25	25	17.92	17.95	18.28	19.80	
		50	0	17.94	17.94	18.11	19.80	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20825	21100	21375	
15MHz	QPSK	1	0	17.99	17.94	18.01	19.80	
		1	38	17.94	18.03	18.19	19.80	
		1	74	17.88	17.90	18.06	19.80	
		36	0	18.02	17.92	18.13	19.80	
		36	18	18.04	18.09	18.34	19.80	
		36	39	18.26	18.15	18.27	19.80	
		75	0	18.04	18.05	18.13	19.80	
	16QAM	1	0	18.12	18.04	17.99	19.80	
		1	38	18.15	18.09	18.18	19.80	
		1	74	18.04	17.98	18.23	19.80	
		36	0	17.96	17.88	17.98	19.80	
		36	18	17.96	17.97	18.29	19.80	
		36	39	17.81	17.97	18.03	19.80	
		75	0	18.01	17.93	18.21	19.80	
	64QAM	1	0	18.04	18.03	18.31	19.80	
		1	38	18.14	18.10	18.29	19.80	
		1	74	18.05	18.06	18.17	19.80	
		36	0	17.87	17.95	17.98	19.80	
		36	18	18.17	18.13	18.23	19.80	
		36	39	17.92	17.99	18.25	19.80	
		75	0	17.97	17.97	18.09	19.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
	20MHz	QPSK	1	0	18.05	17.94	18.08	19.80
1			50	18.03	18.12	18.27	19.80	
1			99	17.95	18.00	18.08	19.80	
50			0	18.04	18.02	18.18	19.80	
50			25	18.11	18.09	18.34	19.80	
50			50	18.26	18.15	18.35	19.80	
100			0	18.10	18.15	18.20	19.80	
16QAM		1	0	18.15	18.06	18.08	19.80	
		1	50	18.25	18.12	18.25	19.80	
		1	99	18.06	18.05	18.29	19.80	
		50	0	18.00	17.98	17.99	19.80	
		50	25	18.03	18.06	18.32	19.80	

		50	50	17.91	18.07	18.12	19.80
		100	0	18.06	18.02	18.24	19.80
	64QAM	1	0	18.11	18.04	18.33	19.80
		1	50	18.22	18.10	18.34	19.80
		1	99	18.07	18.13	18.27	19.80
		50	0	17.97	17.99	18.08	19.80
		50	25	18.18	18.20	18.27	19.80
		50	50	18.00	18.04	18.35	19.80
		100	0	18.01	18.01	18.18	19.80

LTE Band 66 State 2				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	22.97	22.96	22.95	23.30	
		1	2	23.12	23.15	23.04	23.30	
		1	5	23.04	23.00	22.87	23.30	
		3	0	23.01	23.00	22.85	23.30	
		3	1	23.12	23.13	22.97	23.30	
		3	3	23.04	22.93	22.95	23.30	
		6	0	21.89	22.02	21.83	22.30	
	16QAM	1	0	22.02	22.08	21.98	22.30	
		1	2	21.98	22.09	21.99	22.30	
		1	5	21.90	22.05	21.83	22.30	
		3	0	21.81	22.04	21.97	22.30	
		3	1	21.88	22.05	21.89	22.30	
		3	3	21.95	22.16	22.00	22.30	
		6	0	20.87	20.95	20.87	21.30	
	64QAM	1	0	20.90	21.03	20.85	21.30	
		1	2	21.00	21.09	20.93	21.30	
		1	5	20.76	20.88	20.82	21.30	
		3	0	20.94	21.01	20.86	21.30	
		3	1	20.92	21.11	20.99	21.30	
		3	3	20.73	20.98	20.79	21.30	
		6	0	19.71	19.95	19.82	20.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	3MHz	QPSK	1	0	22.96	22.97	22.92	23.30
			1	7	23.13	23.08	23.04	23.30
1			14	22.97	22.96	22.86	23.30	
8			0	21.92	22.05	21.92	22.30	
8			4	21.98	22.08	22.01	22.30	
8			7	21.82	21.98	22.00	22.30	
15			0	21.89	21.98	21.89	22.30	
16QAM			1	0	21.98	22.17	22.00	22.30
		1	7	21.99	22.06	22.08	22.30	
		1	14	21.90	22.01	21.88	22.30	

		8	0	20.90	20.92	20.82	21.30	
		8	4	20.87	21.10	20.91	21.30	
		8	7	20.91	20.90	20.89	21.30	
		15	0	20.81	20.92	20.86	21.30	
	64QAM	1	0	20.95	21.03	20.84	21.30	
		1	7	20.91	21.05	20.94	21.30	
		1	14	20.83	20.95	20.84	21.30	
		8	0	19.80	19.93	19.83	20.30	
		8	4	19.89	19.95	19.83	20.30	
		8	7	19.80	19.85	19.81	20.30	
		15	0	19.80	19.91	19.72	20.30	
		Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647
	5MHz	QPSK	1	0	23.03	22.97	22.90	23.30
1			13	23.11	23.14	23.04	23.30	
1			24	23.00	22.96	22.90	23.30	
12			0	21.85	22.02	21.93	22.30	
12			6	21.93	22.10	22.10	22.30	
12			13	21.85	22.01	21.97	22.30	
25			0	21.94	22.06	21.89	22.30	
16QAM		1	0	21.94	22.08	22.00	22.30	
		1	13	22.01	22.15	21.99	22.30	
		1	24	21.92	22.03	21.83	22.30	
		12	0	20.96	20.95	20.86	21.30	
		12	6	20.95	21.01	20.94	21.30	
		12	13	20.92	20.96	20.89	21.30	
		25	0	20.81	20.94	20.87	21.30	
64QAM		1	0	20.92	20.96	20.84	21.30	
		1	13	21.01	21.09	20.97	21.30	
		1	24	20.74	20.93	20.84	21.30	
		12	0	19.87	19.94	19.81	20.30	
		12	6	19.94	19.98	19.86	20.30	
		12	13	19.74	19.90	19.79	20.30	
		25	0	19.81	19.95	19.78	20.30	
Bandwidth		Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz		QPSK	1	0	23.01	23.03	22.93	23.30
			1	25	23.08	23.13	23.01	23.30
	1		49	22.99	22.99	22.86	23.30	
	25		0	21.94	22.03	21.97	22.30	
	25		13	21.97	22.11	22.00	22.30	
	25		25	21.90	21.98	21.92	22.30	
	50		0	21.94	21.98	21.83	22.30	
	16QAM	1	0	22.00	22.10	22.04	22.30	
		1	25	21.96	22.09	22.05	22.30	
		1	49	21.92	21.98	21.92	22.30	
		25	0	20.92	20.98	20.88	21.30	

		50	50	20.93	20.98	20.91	21.30
		100	0	20.87	21.01	20.95	21.30
	64QAM	1	0	20.97	21.06	20.93	21.30
		1	50	21.01	21.15	21.01	21.30
		1	99	20.83	20.98	20.87	21.30
		50	0	19.90	19.97	19.87	20.30
		50	25	19.94	20.03	19.88	20.30
		50	50	19.80	19.94	19.87	20.30
		100	0	19.81	19.95	19.82	20.30

LTE Band 66 State 3/5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	17.79	17.73	17.73	19.30	
		1	2	17.93	17.90	17.68	19.30	
		1	5	17.84	17.69	17.84	19.30	
		3	0	17.94	17.84	17.66	19.30	
		3	1	17.94	17.97	17.71	19.30	
		3	3	17.89	17.73	17.63	19.30	
		6	0	17.87	17.69	17.74	19.30	
	16QAM	1	0	17.83	17.84	17.73	19.30	
		1	2	17.79	17.97	17.81	19.30	
		1	5	17.67	17.73	17.74	19.30	
		3	0	17.65	17.82	17.79	19.30	
		3	1	17.87	17.91	17.69	19.30	
		3	3	17.65	17.63	17.52	19.30	
		6	0	17.77	17.72	17.65	19.30	
	64QAM	1	0	17.75	17.87	17.61	19.30	
		1	2	17.83	17.86	17.75	19.30	
		1	5	17.65	17.66	17.68	19.30	
		3	0	17.91	17.84	17.68	19.30	
		3	1	17.79	17.88	17.74	19.30	
		3	3	17.61	17.65	17.65	19.30	
		6	0	17.63	17.76	17.61	19.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	3MHz	QPSK	1	0	17.76	17.72	17.73	19.30
			1	7	17.93	17.93	17.74	19.30
1			14	17.89	17.65	17.83	19.30	
8			0	17.94	17.89	17.66	19.30	
8			4	17.90	17.88	17.85	19.30	
8			7	17.88	17.73	17.66	19.30	
15			0	17.83	17.72	17.73	19.30	
16QAM			1	0	17.82	17.89	17.69	19.30
		1	7	17.76	17.90	17.74	19.30	
		1	14	17.68	17.80	17.64	19.30	

		8	0	17.75	17.77	17.73	19.30	
		8	4	17.96	17.97	17.74	19.30	
		8	7	17.68	17.68	17.53	19.30	
		15	0	17.81	17.74	17.68	19.30	
	64QAM	1	0	17.66	17.81	17.68	19.30	
		1	7	17.89	17.86	17.76	19.30	
		1	14	17.61	17.66	17.57	19.30	
		8	0	17.88	17.78	17.69	19.30	
		8	4	17.84	17.86	17.68	19.30	
		8	7	17.68	17.68	17.68	19.30	
		15	0	17.64	17.79	17.59	19.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
131997					132322	132647		
5MHz	QPSK	1	0	17.73	17.72	17.65	19.30	
		1	13	17.90	17.83	17.73	19.30	
		1	24	17.88	17.68	17.76	19.30	
		12	0	17.91	17.82	17.62	19.30	
		12	6	18.00	17.92	17.77	19.30	
		12	13	17.85	17.75	17.66	19.30	
		25	0	17.78	17.68	17.68	19.30	
	16QAM	1	0	17.79	17.94	17.74	19.30	
		1	13	17.78	17.98	17.76	19.30	
		1	24	17.72	17.75	17.71	19.30	
		12	0	17.74	17.85	17.72	19.30	
		12	6	17.89	17.89	17.70	19.30	
		12	13	17.75	17.65	17.50	19.30	
		25	0	17.82	17.75	17.63	19.30	
	64QAM	1	0	17.70	17.78	17.68	19.30	
		1	13	17.82	17.87	17.79	19.30	
		1	24	17.69	17.72	17.66	19.30	
		12	0	17.90	17.78	17.75	19.30	
		12	6	17.80	17.86	17.78	19.30	
		12	13	17.67	17.59	17.67	19.30	
		25	0	17.65	17.78	17.59	19.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
10MHz	QPSK	1	0	17.80	17.75	17.61	19.30	
		1	25	17.94	17.86	17.69	19.30	
		1	49	17.85	17.62	17.76	19.30	
		25	0	17.91	17.85	17.70	19.30	
		25	13	17.90	17.94	17.80	19.30	
		25	25	17.81	17.79	17.60	19.30	
		50	0	17.77	17.73	17.72	19.30	
	16QAM	1	0	17.82	17.89	17.72	19.30	
		1	25	17.84	17.93	17.76	19.30	
		1	49	17.70	17.75	17.64	19.30	
		25	0	17.77	17.72	17.68	19.30	

	64QAM	25	13	17.98	17.87	17.74	19.30	
		25	25	17.73	17.67	17.49	19.30	
		50	0	17.80	17.76	17.64	19.30	
		1	0	17.72	17.77	17.70	19.30	
		1	25	17.84	17.85	17.79	19.30	
		1	49	17.70	17.67	17.56	19.30	
		25	0	17.89	17.84	17.69	19.30	
		25	13	17.77	17.89	17.70	19.30	
		25	25	17.58	17.60	17.63	19.30	
		50	0	17.70	17.71	17.63	19.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	QPSK	1	0	17.75	17.75	17.69	19.30	
		1	38	17.93	17.97	17.76	19.30	
		1	74	17.79	17.69	17.73	19.30	
		36	0	17.93	17.90	17.63	19.30	
		36	18	17.97	17.93	17.76	19.30	
		36	39	17.79	17.73	17.70	19.30	
		75	0	17.88	17.69	17.74	19.30	
	16QAM	1	0	17.78	17.84	17.79	19.30	
		1	38	17.78	17.96	17.75	19.30	
		1	74	17.69	17.77	17.69	19.30	
		36	0	17.66	17.76	17.74	19.30	
		36	18	17.93	17.96	17.76	19.30	
		36	39	17.66	17.64	17.54	19.30	
		75	0	17.74	17.80	17.69	19.30	
	64QAM	1	0	17.71	17.78	17.66	19.30	
		1	38	17.84	17.88	17.75	19.30	
		1	74	17.67	17.71	17.60	19.30	
		36	0	17.88	17.85	17.77	19.30	
		36	18	17.86	17.81	17.77	19.30	
		36	39	17.69	17.66	17.63	19.30	
		75	0	17.66	17.77	17.59	19.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
	20MHz	QPSK	1	0	17.80	17.84	17.72	19.30
1			50	17.98	17.96	17.77	19.30	
1			99	17.88	17.72	17.80	19.30	
50			0	17.92	17.91	17.73	19.30	
50			25	17.97	17.96	17.82	19.30	
50			50	17.89	17.80	17.69	19.30	
100			0	17.89	17.75	17.74	19.30	
16QAM		1	0	17.83	17.91	17.75	19.30	
		1	50	17.84	17.98	17.82	19.30	
		1	99	17.73	17.83	17.74	19.30	
		50	0	17.76	17.83	17.74	19.30	
		50	25	18.01	18.00	17.79	19.30	

		50	50	17.73	17.72	17.61	19.30
		100	0	17.87	17.80	17.69	19.30
	64QAM	1	0	17.76	17.85	17.71	19.30
		1	50	17.88	17.91	17.84	19.30
		1	99	17.69	17.73	17.70	19.30
		50	0	17.92	17.83	17.74	19.30
		50	25	17.83	17.93	17.77	19.30
		50	50	17.69	17.70	17.71	19.30
		100	0	17.72	17.81	17.66	19.30

LTE Band 66 State 1				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	18.83	18.79	18.73	20.30	
		1	2	19.01	18.99	18.73	20.30	
		1	5	18.84	18.68	18.77	20.30	
		3	0	18.99	18.97	18.61	20.30	
		3	1	18.93	18.90	18.82	20.30	
		3	3	18.94	18.79	18.66	20.30	
		6	0	18.83	18.67	18.77	20.30	
	16QAM	1	0	18.71	18.82	18.69	20.30	
		1	2	18.82	18.95	18.72	20.30	
		1	5	18.70	18.80	18.73	20.30	
		3	0	18.76	18.84	18.68	20.30	
		3	1	18.98	18.92	18.77	20.30	
		3	3	18.68	18.69	18.55	20.30	
		6	0	18.79	18.78	18.67	20.30	
	64QAM	1	0	18.73	18.86	18.68	20.30	
		1	2	18.87	18.91	18.81	20.30	
		1	5	18.64	18.76	18.64	20.30	
		3	0	18.93	18.82	18.75	20.30	
		3	1	18.86	18.84	18.78	20.30	
		3	3	18.68	18.73	18.56	20.30	
		6	0	18.68	18.71	18.59	20.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	3MHz	QPSK	1	0	18.85	18.76	18.72	20.30
			1	7	18.93	18.98	18.78	20.30
1			14	18.88	18.68	18.79	20.30	
8			0	18.99	18.92	18.64	20.30	
8			4	18.98	18.93	18.77	20.30	
8			7	18.89	18.76	18.58	20.30	
15			0	18.81	18.65	18.72	20.30	
16QAM		1	0	18.81	18.89	18.72	20.30	
		1	7	18.72	18.91	18.80	20.30	
		1	14	18.62	18.79	18.76	20.30	

		8	0	18.74	18.80	18.79	20.30	
		8	4	19.03	18.94	18.80	20.30	
		8	7	18.73	18.69	18.63	20.30	
		15	0	18.81	18.79	18.67	20.30	
	64QAM	1	0	18.77	18.89	18.65	20.30	
		1	7	18.86	18.86	18.79	20.30	
		1	14	18.66	18.80	18.62	20.30	
		8	0	18.83	18.79	18.70	20.30	
		8	4	18.78	18.81	18.84	20.30	
		8	7	18.64	18.77	18.70	20.30	
		15	0	18.71	18.69	18.56	20.30	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
	131997					132322	132647	
5MHz	QPSK	1	0	18.81	18.78	18.74	20.30	
		1	13	19.00	18.87	18.79	20.30	
		1	24	18.84	18.64	18.76	20.30	
		12	0	18.97	18.84	18.63	20.30	
		12	6	18.95	18.92	18.77	20.30	
		12	13	18.91	18.76	18.67	20.30	
		25	0	18.83	18.67	18.65	20.30	
	16QAM	1	0	18.76	18.85	18.76	20.30	
		1	13	18.76	18.95	18.86	20.30	
		1	24	18.70	18.76	18.76	20.30	
		12	0	18.75	18.86	18.74	20.30	
		12	6	19.00	18.96	18.82	20.30	
		12	13	18.71	18.70	18.55	20.30	
		25	0	18.85	18.75	18.78	20.30	
	64QAM	1	0	18.74	18.80	18.71	20.30	
		1	13	18.88	18.94	18.75	20.30	
		1	24	18.64	18.77	18.64	20.30	
		12	0	18.86	18.88	18.76	20.30	
		12	6	18.87	18.85	18.75	20.30	
		12	13	18.63	18.66	18.63	20.30	
		25	0	18.72	18.68	18.63	20.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	1	0	18.78	18.76	18.71	20.30
1			25	19.03	18.93	18.77	20.30	
1			49	18.81	18.68	18.70	20.30	
25			0	18.91	18.91	18.65	20.30	
25			13	19.00	18.93	18.88	20.30	
25			25	18.87	18.74	18.70	20.30	
50			0	18.77	18.67	18.72	20.30	
16QAM		1	0	18.80	18.95	18.67	20.30	
		1	25	18.75	18.92	18.81	20.30	
		1	49	18.67	18.79	18.76	20.30	
		25	0	18.65	18.85	18.80	20.30	

		25	13	18.96	18.97	18.82	20.30	
		25	25	18.71	18.75	18.64	20.30	
		50	0	18.87	18.77	18.69	20.30	
	64QAM	1	0	18.76	18.86	18.60	20.30	
		1	25	18.93	18.94	18.76	20.30	
		1	49	18.63	18.78	18.58	20.30	
		25	0	18.81	18.85	18.82	20.30	
		25	13	18.82	18.89	18.75	20.30	
		25	25	18.69	18.73	18.66	20.30	
		50	0	18.69	18.74	18.57	20.30	
		50	0	18.69	18.74	18.57	20.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	QPSK	1	0	18.82	18.68	18.78	20.30	
		1	38	18.96	18.92	18.70	20.30	
		1	74	18.78	18.63	18.78	20.30	
		36	0	18.98	18.87	18.68	20.30	
		36	18	19.00	18.86	18.90	20.30	
		36	39	18.92	18.67	18.64	20.30	
		75	0	18.79	18.65	18.67	20.30	
	16QAM	1	0	18.70	18.94	18.65	20.30	
		1	38	18.80	19.03	18.84	20.30	
		1	74	18.69	18.72	18.67	20.30	
		36	0	18.70	18.84	18.82	20.30	
		36	18	19.04	18.96	18.79	20.30	
		36	39	18.75	18.78	18.57	20.30	
		75	0	18.84	18.80	18.70	20.30	
	64QAM	1	0	18.77	18.87	18.70	20.30	
		1	38	18.87	18.93	18.76	20.30	
		1	74	18.66	18.82	18.58	20.30	
		36	0	18.89	18.89	18.79	20.30	
		36	18	18.87	18.87	18.77	20.30	
		36	39	18.60	18.67	18.63	20.30	
		75	0	18.75	18.81	18.56	20.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
	20MHz	QPSK	1	0	18.88	18.78	18.81	20.30
1			50	19.00	18.97	18.82	20.30	
1			99	18.87	18.74	18.79	20.30	
50			0	19.02	18.97	18.73	20.30	
50			25	19.01	18.93	18.91	20.30	
50			50	18.93	18.79	18.70	20.30	
100			0	18.87	18.74	18.74	20.30	
16QAM		1	0	18.81	18.91	18.75	20.30	
		1	50	18.80	18.99	18.82	20.30	
		1	99	18.74	18.77	18.77	20.30	
		50	0	18.79	18.86	18.78	20.30	
		50	25	19.06	18.97	18.81	20.30	

		50	50	18.72	18.80	18.62	20.30
		100	0	18.88	18.84	18.77	20.30
	64QAM	1	0	18.81	18.88	18.73	20.30
		1	50	18.93	18.94	18.81	20.30
		1	99	18.68	18.78	18.66	20.30
		50	0	18.89	18.92	18.78	20.30
		50	25	18.91	18.92	18.81	20.30
		50	50	18.69	18.75	18.70	20.30
		100	0	18.78	18.82	18.62	20.30

LTE Band 66 State 4/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	19.77	19.79	19.71	21.30	
		1	2	20.05	19.94	19.79	21.30	
		1	5	19.93	19.73	19.82	21.30	
		3	0	19.96	19.91	19.71	21.30	
		3	1	19.88	19.85	19.78	21.30	
		3	3	19.89	19.78	19.69	21.30	
		6	0	19.85	19.65	19.71	21.30	
	16QAM	1	0	19.86	19.86	19.69	21.30	
		1	2	19.78	19.97	19.84	21.30	
		1	5	19.68	19.69	19.73	21.30	
		3	0	19.78	19.81	19.73	21.30	
		3	1	20.05	19.97	19.80	21.30	
		3	3	19.67	19.68	19.62	21.30	
		6	0	19.83	19.77	19.61	21.30	
	64QAM	1	0	19.85	19.89	19.60	21.30	
		1	2	19.92	19.94	19.82	21.30	
		1	5	19.59	19.82	19.59	21.30	
		3	0	19.79	19.82	19.66	21.30	
		3	1	20.00	19.92	19.88	21.30	
		3	3	19.57	19.79	19.62	21.30	
		6	0	18.67	18.81	18.65	20.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	3MHz	QPSK	1	0	19.84	19.77	19.71	21.30
			1	7	19.97	19.94	19.80	21.30
1			14	19.92	19.77	19.73	21.30	
8			0	19.90	19.90	19.74	21.30	
8			4	19.95	19.90	19.84	21.30	
8			7	19.93	19.74	19.70	21.30	
15			0	19.88	19.70	19.73	21.30	
16QAM		1	0	19.85	19.88	19.73	21.30	
		1	7	19.88	19.92	19.84	21.30	
		1	14	19.72	19.76	19.81	21.30	

		8	0	19.73	19.87	19.75	21.30
		8	4	19.91	19.94	19.84	21.30
		8	7	19.72	19.67	19.64	21.30
		15	0	19.79	19.84	19.70	21.30
	64QAM	1	0	19.78	19.74	19.72	21.30
		1	7	19.88	19.97	19.80	21.30
		1	14	19.56	19.84	19.64	21.30
		8	0	18.86	18.81	18.67	20.30
		8	4	18.82	18.85	18.68	20.30
		8	7	18.65	18.70	18.57	20.30
15	0	18.69	18.81	18.64	20.30		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.77	19.76	19.79	21.30
		1	13	20.04	19.96	19.78	21.30
		1	24	19.89	19.77	19.83	21.30
		12	0	19.99	19.92	19.70	21.30
		12	6	19.95	19.85	19.82	21.30
		12	13	19.92	19.67	19.75	21.30
		25	0	19.86	19.66	19.66	21.30
	16QAM	1	0	19.86	19.95	19.67	21.30
		1	13	19.84	19.91	19.84	21.30
		1	24	19.63	19.77	19.81	21.30
		12	0	19.73	19.93	19.81	21.30
		12	6	20.03	20.03	19.76	21.30
		12	13	19.69	19.72	19.51	21.30
		25	0	19.83	19.84	19.73	21.30
	64QAM	1	0	19.88	19.85	19.67	21.30
		1	13	20.01	19.89	19.90	21.30
		1	24	19.64	19.81	19.61	21.30
		12	0	18.78	18.81	18.74	20.30
		12	6	18.88	18.77	18.74	20.30
		12	13	18.61	18.74	18.66	20.30
		25	0	18.69	18.75	18.59	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.78	19.83	19.79	21.30
		1	25	19.95	20.03	19.83	21.30
		1	49	19.86	19.75	19.77	21.30
		25	0	20.01	19.90	19.64	21.30
		25	13	19.92	19.87	19.76	21.30
		25	25	19.88	19.69	19.74	21.30
		50	0	19.85	19.62	19.69	21.30
	16QAM	1	0	19.83	19.89	19.75	21.30
		1	25	19.80	19.95	19.77	21.30
		1	49	19.68	19.68	19.77	21.30
		25	0	19.76	19.90	19.78	21.30

		25	13	19.98	20.02	19.78	21.30	
		25	25	19.71	19.68	19.56	21.30	
		50	0	19.80	19.78	19.67	21.30	
	64QAM	1	0	19.82	19.85	19.62	21.30	
		1	25	19.96	20.00	19.84	21.30	
		1	49	19.65	19.77	19.66	21.30	
		25	0	18.85	18.78	18.70	20.30	
		25	13	18.87	18.77	18.72	20.30	
		25	25	18.66	18.78	18.67	20.30	
		50	0	18.68	18.76	18.64	20.30	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	132047				132322	132597		
15MHz	QPSK	1	0	19.84	19.79	19.74	21.30	
		1	38	20.04	19.94	19.83	21.30	
		1	74	19.88	19.75	19.81	21.30	
		36	0	19.95	19.93	19.70	21.30	
		36	18	19.94	19.85	19.78	21.30	
		36	39	19.90	19.75	19.66	21.30	
		75	0	19.82	19.62	19.74	21.30	
	16QAM	1	0	19.85	19.88	19.76	21.30	
		1	38	19.83	19.90	19.89	21.30	
		1	74	19.69	19.73	19.82	21.30	
		36	0	19.80	19.87	19.80	21.30	
		36	18	20.00	20.01	19.73	21.30	
		36	39	19.71	19.73	19.60	21.30	
		75	0	19.81	19.77	19.71	21.30	
	64QAM	1	0	19.79	19.82	19.59	21.30	
		1	38	19.96	19.97	19.81	21.30	
		1	74	19.68	19.81	19.65	21.30	
		36	0	18.89	18.82	18.66	20.30	
		36	18	18.79	18.83	18.72	20.30	
		36	39	18.58	18.75	18.65	20.30	
		75	0	18.64	18.83	18.62	20.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
	20MHz	QPSK	1	0	19.82	19.80	19.79	21.30
1			50	20.03	20.02	19.85	21.30	
1			99	19.90	19.80	19.83	21.30	
50			0	19.99	19.93	19.73	21.30	
50			25	20.00	19.93	19.87	21.30	
50			50	19.97	19.77	19.74	21.30	
100			0	19.89	19.69	19.73	21.30	
16QAM		1	0	19.85	19.98	19.76	21.30	
		1	50	19.85	20.03	19.86	21.30	
		1	99	19.74	19.79	19.82	21.30	
		50	0	19.81	19.94	19.77	21.30	
		50	25	20.01	20.06	19.85	21.30	

		50	50	19.77	19.73	19.65	21.30
		100	0	19.84	19.84	19.71	21.30
	64QAM	1	0	19.86	19.84	19.72	21.30
		1	50	20.00	19.97	19.88	21.30
		1	99	19.66	19.83	19.69	21.30
		50	0	18.91	18.90	18.74	20.30
		50	25	18.89	18.87	18.74	20.30
		50	50	18.70	18.75	18.69	20.30
		100	0	18.76	18.83	18.63	20.30

(For DC_66A_N7&38&41)LTE Band 66 State 2				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	21.71	21.77	21.72	23.30	
		1	2	21.85	21.89	21.74	23.30	
		1	5	21.82	21.75	21.82	23.30	
		3	0	21.70	21.80	21.75	23.30	
		3	1	21.94	21.88	21.83	23.30	
		3	3	21.78	21.68	21.75	23.30	
		6	0	20.89	20.81	20.73	22.30	
	16QAM	1	0	20.78	20.86	20.74	22.30	
		1	2	20.75	20.96	20.79	22.30	
		1	5	20.80	20.74	20.65	22.30	
		3	0	20.81	20.79	20.70	22.30	
		3	1	20.80	20.93	20.81	22.30	
		3	3	20.78	20.86	20.76	22.30	
		6	0	19.80	19.74	19.63	21.30	
	64QAM	1	0	19.80	19.78	19.70	21.30	
		1	2	19.88	19.94	19.72	21.30	
		1	5	19.64	19.65	19.58	21.30	
		3	0	19.82	19.83	19.66	21.30	
		3	1	19.85	19.86	19.74	21.30	
		3	3	19.61	19.71	19.65	21.30	
		6	0	18.79	18.82	18.63	20.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	3MHz	QPSK	1	0	21.72	21.84	21.75	23.30
			1	7	21.93	21.91	21.74	23.30
1			14	21.77	21.69	21.74	23.30	
8			0	20.82	20.89	20.66	22.30	
8			4	20.87	20.87	20.75	22.30	
8			7	20.88	20.75	20.71	22.30	
15			0	20.85	20.77	20.78	22.30	
16QAM			1	0	20.84	20.88	20.74	22.30
		1	7	20.80	20.93	20.81	22.30	
		1	14	20.70	20.73	20.65	22.30	

		8	0	19.74	19.81	19.71	21.30	
		8	4	19.93	19.88	19.76	21.30	
		8	7	19.68	19.75	19.56	21.30	
		15	0	19.75	19.76	19.70	21.30	
	64QAM	1	0	19.77	19.76	19.63	21.30	
		1	7	19.89	19.86	19.79	21.30	
		1	14	19.71	19.72	19.56	21.30	
		8	0	18.85	18.87	18.67	20.30	
		8	4	18.84	18.87	18.76	20.30	
		8	7	18.66	18.73	18.69	20.30	
		15	0	18.76	18.74	18.63	20.30	
		Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647
	5MHz	QPSK	1	0	21.79	21.78	21.73	23.30
1			13	21.94	21.88	21.79	23.30	
1			24	21.77	21.69	21.80	23.30	
12			0	20.81	20.84	20.70	22.30	
12			6	20.95	20.92	20.81	22.30	
12			13	20.83	20.79	20.71	22.30	
25			0	20.83	20.82	20.69	22.30	
16QAM		1	0	20.83	20.91	20.72	22.30	
		1	13	20.75	20.96	20.81	22.30	
		1	24	20.71	20.82	20.63	22.30	
		12	0	19.78	19.85	19.75	21.30	
		12	6	19.85	19.93	19.77	21.30	
		12	13	19.66	19.67	19.53	21.30	
		25	0	19.78	19.80	19.67	21.30	
64QAM		1	0	19.75	19.81	19.65	21.30	
		1	13	19.88	19.89	19.80	21.30	
		1	24	19.67	19.65	19.56	21.30	
		12	0	18.84	18.83	18.64	20.30	
		12	6	18.84	18.86	18.74	20.30	
		12	13	18.63	18.71	18.65	20.30	
		25	0	18.78	18.73	18.62	20.30	
Bandwidth		Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz		QPSK	1	0	21.77	21.75	21.75	23.30
			1	25	21.95	21.91	21.73	23.30
	1		49	21.81	21.70	21.78	23.30	
	25		0	20.86	20.85	20.68	22.30	
	25		13	20.87	20.89	20.72	22.30	
	25		25	20.91	20.75	20.67	22.30	
	50		0	20.88	20.84	20.79	22.30	
	16QAM	1	0	20.80	20.88	20.80	22.30	
		1	25	20.75	20.95	20.74	22.30	
		1	49	20.73	20.75	20.71	22.30	
		25	0	19.77	19.79	19.77	21.30	

		25	13	19.95	19.94	19.82	21.30	
		25	25	19.68	19.71	19.49	21.30	
		50	0	19.81	19.73	19.69	21.30	
	64QAM	1	0	19.74	19.83	19.62	21.30	
		1	25	19.85	19.88	19.77	21.30	
		1	49	19.66	19.68	19.64	21.30	
		25	0	18.85	18.89	18.65	20.30	
		25	13	18.84	18.89	18.67	20.30	
		25	25	18.62	18.72	18.60	20.30	
		50	0	18.78	18.72	18.61	20.30	
		50	0	18.78	18.72	18.61	20.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	QPSK	1	0	21.74	21.81	21.68	23.30	
		1	38	21.87	21.87	21.79	23.30	
		1	74	21.86	21.75	21.82	23.30	
		36	0	20.83	20.93	20.73	22.30	
		36	18	20.96	20.88	20.74	22.30	
		36	39	20.89	20.76	20.71	22.30	
		75	0	20.84	20.75	20.71	22.30	
	16QAM	1	0	20.81	20.87	20.78	22.30	
		1	38	20.74	20.86	20.76	22.30	
		1	74	20.70	20.72	20.63	22.30	
		36	0	19.72	19.85	19.69	21.30	
		36	18	19.92	19.98	19.82	21.30	
		36	39	19.71	19.72	19.54	21.30	
		75	0	19.85	19.73	19.66	21.30	
	64QAM	1	0	19.77	19.82	19.71	21.30	
		1	38	19.89	19.95	19.81	21.30	
		1	74	19.61	19.75	19.66	21.30	
		36	0	18.81	18.89	18.71	20.30	
		36	18	18.82	18.80	18.67	20.30	
		36	39	18.68	18.69	18.60	20.30	
		75	0	18.73	18.81	18.65	20.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
	20MHz	QPSK	1	0	21.79	21.85	21.78	23.30
1			50	21.95	21.93	21.83	23.30	
1			99	21.86	21.78	21.82	23.30	
50			0	20.91	20.93	20.76	22.30	
50			25	20.98	20.97	20.82	22.30	
50			50	20.92	20.81	20.76	22.30	
100			0	20.90	20.85	20.79	22.30	
16QAM		1	0	20.84	20.96	20.82	22.30	
		1	50	20.82	20.96	20.82	22.30	
		1	99	20.80	20.82	20.73	22.30	
		50	0	19.81	19.86	19.79	21.30	
		50	25	19.95	19.98	19.82	21.30	
		50	25	19.95	19.98	19.82	21.30	

		50	50	19.72	19.76	19.59	21.30
		100	0	19.85	19.82	19.73	21.30
	64QAM	1	0	19.82	19.85	19.72	21.30
		1	50	19.89	19.95	19.81	21.30
		1	99	19.71	19.75	19.66	21.30
		50	0	18.90	18.89	18.73	20.30
		50	25	18.91	18.89	18.77	20.30
		50	50	18.70	18.73	18.69	20.30
		100	0	18.79	18.82	18.65	20.30

(For DC_66A_N7&38&41)LTE Band 66 State 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	17.81	17.77	17.76	19.30
		1	2	17.97	17.91	17.72	19.30
		1	5	17.84	17.71	17.84	19.30
		3	0	17.94	17.87	17.66	19.30
		3	1	17.98	17.97	17.76	19.30
		3	3	17.90	17.73	17.63	19.30
		6	0	17.87	17.71	17.75	19.30
	16QAM	1	0	17.86	17.89	17.75	19.30
		1	2	17.81	18.02	17.83	19.30
		1	5	17.68	17.77	17.76	19.30
		3	0	17.69	17.85	17.79	19.30
		3	1	17.91	17.93	17.71	19.30
		3	3	17.70	17.67	17.52	19.30
		6	0	17.82	17.76	17.68	19.30
	64QAM	1	0	17.75	17.88	17.66	19.30
		1	2	17.86	17.90	17.79	19.30
		1	5	17.67	17.67	17.70	19.30
		3	0	17.95	17.86	17.68	19.30
		3	1	17.82	17.88	17.76	19.30
		3	3	17.66	17.67	17.65	19.30
		6	0	17.67	17.78	17.63	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	17.77	17.74	17.73	19.30
		1	7	17.96	17.94	17.78	19.30
		1	14	17.90	17.70	17.84	19.30
		8	0	17.94	17.92	17.69	19.30
		8	4	17.92	17.93	17.85	19.30
		8	7	17.91	17.74	17.69	19.30
		15	0	17.83	17.72	17.73	19.30
	16QAM	1	0	17.85	17.89	17.73	19.30
		1	7	17.79	17.92	17.76	19.30
		1	14	17.70	17.84	17.68	19.30

		8	0	17.78	17.79	17.77	19.30	
		8	4	17.97	18.01	17.79	19.30	
		8	7	17.68	17.69	17.58	19.30	
		15	0	17.81	17.74	17.68	19.30	
	64QAM	1	0	17.70	17.86	17.70	19.30	
		1	7	17.91	17.89	17.77	19.30	
		1	14	17.65	17.69	17.62	19.30	
		8	0	17.89	17.79	17.69	19.30	
		8	4	17.85	17.91	17.73	19.30	
		8	7	17.70	17.70	17.73	19.30	
		15	0	17.65	17.81	17.61	19.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
131997					132322	132647		
5MHz	QPSK	1	0	17.74	17.74	17.69	19.30	
		1	13	17.95	17.88	17.78	19.30	
		1	24	17.91	17.72	17.76	19.30	
		12	0	17.95	17.85	17.66	19.30	
		12	6	18.02	17.93	17.82	19.30	
		12	13	17.86	17.80	17.69	19.30	
		25	0	17.81	17.72	17.69	19.30	
	16QAM	1	0	17.83	17.95	17.75	19.30	
		1	13	17.82	17.99	17.80	19.30	
		1	24	17.76	17.77	17.71	19.30	
		12	0	17.76	17.85	17.73	19.30	
		12	6	17.92	17.91	17.73	19.30	
		12	13	17.75	17.69	17.54	19.30	
		25	0	17.86	17.80	17.66	19.30	
	64QAM	1	0	17.74	17.81	17.72	19.30	
		1	13	17.86	17.90	17.80	19.30	
		1	24	17.70	17.72	17.70	19.30	
		12	0	17.95	17.82	17.78	19.30	
		12	6	17.85	17.89	17.80	19.30	
		12	13	17.68	17.64	17.70	19.30	
		25	0	17.67	17.78	17.63	19.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
10MHz	QPSK	1	0	17.81	17.75	17.66	19.30	
		1	25	17.95	17.88	17.72	19.30	
		1	49	17.88	17.66	17.80	19.30	
		25	0	17.95	17.87	17.73	19.30	
		25	13	17.92	17.94	17.84	19.30	
		25	25	17.85	17.80	17.64	19.30	
		50	0	17.81	17.78	17.76	19.30	
	16QAM	1	0	17.82	17.91	17.76	19.30	
		1	25	17.86	17.96	17.77	19.30	
		1	49	17.71	17.75	17.68	19.30	
		25	0	17.78	17.76	17.70	19.30	

	64QAM	25	13	18.00	17.91	17.77	19.30	
		25	25	17.73	17.70	17.53	19.30	
		50	0	17.82	17.76	17.65	19.30	
		1	0	17.75	17.78	17.73	19.30	
		1	25	17.84	17.87	17.84	19.30	
		1	49	17.70	17.68	17.60	19.30	
		25	0	17.90	17.88	17.70	19.30	
		25	13	17.81	17.90	17.74	19.30	
		25	25	17.62	17.64	17.67	19.30	
		50	0	17.74	17.75	17.65	19.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	QPSK	1	0	17.76	17.79	17.72	19.30	
		1	38	17.96	17.98	17.81	19.30	
		1	74	17.81	17.74	17.74	19.30	
		36	0	17.94	17.95	17.68	19.30	
		36	18	18.01	17.95	17.79	19.30	
		36	39	17.81	17.74	17.70	19.30	
		75	0	17.89	17.71	17.74	19.30	
	16QAM	1	0	17.81	17.85	17.79	19.30	
		1	38	17.81	18.00	17.79	19.30	
		1	74	17.74	17.77	17.73	19.30	
		36	0	17.69	17.78	17.76	19.30	
		36	18	17.93	18.00	17.79	19.30	
		36	39	17.70	17.69	17.56	19.30	
		75	0	17.77	17.80	17.71	19.30	
	64QAM	1	0	17.73	17.79	17.67	19.30	
		1	38	17.89	17.88	17.76	19.30	
		1	74	17.72	17.75	17.61	19.30	
		36	0	17.88	17.87	17.78	19.30	
		36	18	17.86	17.86	17.79	19.30	
		36	39	17.69	17.68	17.64	19.30	
		75	0	17.68	17.78	17.61	19.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
	20MHz	QPSK	1	0	17.84	17.84	17.76	19.30
1			50	18.03	17.98	17.81	19.30	
1			99	17.91	17.75	17.84	19.30	
50			0	17.97	17.95	17.74	19.30	
50			25	18.02	17.98	17.85	19.30	
50			50	17.91	17.82	17.73	19.30	
100			0	17.90	17.79	17.79	19.30	
16QAM		1	0	17.86	17.95	17.80	19.30	
		1	50	17.86	18.02	17.85	19.30	
		1	99	17.77	17.85	17.76	19.30	
		50	0	17.78	17.85	17.79	19.30	
		50	25	18.01	18.01	17.81	19.30	

		50	50	17.77	17.74	17.62	19.30
		100	0	17.87	17.83	17.73	19.30
	64QAM	1	0	17.80	17.88	17.74	19.30
		1	50	17.91	17.94	17.85	19.30
		1	99	17.74	17.77	17.70	19.30
		50	0	17.96	17.88	17.78	19.30
		50	25	17.88	17.94	17.80	19.30
		50	50	17.70	17.73	17.74	19.30
		100	0	17.74	17.81	17.67	19.30

(For DC_66A_N7&38&41)LTE Band 66 State 3/5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	16.86	16.79	16.73	18.30	
		1	2	17.04	17.01	16.77	18.30	
		1	5	16.88	16.70	16.77	18.30	
		3	0	17.01	16.97	16.66	18.30	
		3	1	16.93	16.95	16.82	18.30	
		3	3	16.95	16.81	16.67	18.30	
		6	0	16.84	16.68	16.77	18.30	
	16QAM	1	0	16.75	16.87	16.71	18.30	
		1	2	16.83	16.99	16.77	18.30	
		1	5	16.72	16.80	16.73	18.30	
		3	0	16.77	16.88	16.73	18.30	
		3	1	16.99	16.96	16.77	18.30	
		3	3	16.72	16.70	16.59	18.30	
		6	0	16.82	16.79	16.72	18.30	
	64QAM	1	0	16.76	16.87	16.73	18.30	
		1	2	16.90	16.96	16.84	18.30	
		1	5	16.68	16.79	16.64	18.30	
		3	0	16.93	16.86	16.80	18.30	
		3	1	16.86	16.85	16.82	18.30	
		3	3	16.70	16.76	16.61	18.30	
		6	0	16.72	16.75	16.62	18.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131987	132322	132657	
	3MHz	QPSK	1	0	16.88	16.77	16.73	18.30
1			7	16.98	17.01	16.78	18.30	
1			14	16.89	16.70	16.79	18.30	
8			0	17.02	16.93	16.64	18.30	
8			4	17.02	16.93	16.82	18.30	
8			7	16.90	16.80	16.63	18.30	
15			0	16.83	16.68	16.73	18.30	
16QAM			1	0	16.81	16.92	16.73	18.30
		1	7	16.75	16.95	16.82	18.30	
		1	14	16.67	16.81	16.76	18.30	

		8	0	16.79	16.83	16.82	18.30
		8	4	17.04	16.97	16.84	18.30
		8	7	16.75	16.71	16.63	18.30
		15	0	16.83	16.84	16.70	18.30
	64QAM	1	0	16.78	16.90	16.69	18.30
		1	7	16.91	16.89	16.82	18.30
		1	14	16.69	16.81	16.66	18.30
		8	0	16.88	16.83	16.75	18.30
		8	4	16.81	16.83	16.84	18.30
		8	7	16.65	16.78	16.70	18.30
15	0	16.73	16.73	16.60	18.30		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	16.82	16.78	16.76	18.30
		1	13	17.01	16.92	16.82	18.30
		1	24	16.84	16.68	16.81	18.30
		12	0	16.97	16.89	16.68	18.30
		12	6	17.00	16.92	16.81	18.30
		12	13	16.96	16.78	16.68	18.30
		25	0	16.84	16.71	16.69	18.30
	16QAM	1	0	16.78	16.88	16.76	18.30
		1	13	16.81	16.97	16.86	18.30
		1	24	16.75	16.78	16.80	18.30
		12	0	16.77	16.90	16.78	18.30
		12	6	17.04	16.98	16.85	18.30
		12	13	16.71	16.73	16.59	18.30
		25	0	16.89	16.76	16.79	18.30
	64QAM	1	0	16.75	16.82	16.74	18.30
		1	13	16.91	16.97	16.80	18.30
		1	24	16.68	16.77	16.66	18.30
		12	0	16.91	16.90	16.81	18.30
		12	6	16.89	16.90	16.75	18.30
		12	13	16.67	16.70	16.65	18.30
		25	0	16.74	16.72	16.65	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	16.78	16.78	16.72	18.30
		1	25	17.03	16.95	16.78	18.30
		1	49	16.82	16.69	16.75	18.30
		25	0	16.96	16.94	16.70	18.30
		25	13	17.01	16.94	16.90	18.30
		25	25	16.90	16.76	16.71	18.30
		50	0	16.79	16.68	16.76	18.30
	16QAM	1	0	16.82	16.95	16.68	18.30
		1	25	16.79	16.94	16.81	18.30
		1	49	16.69	16.79	16.79	18.30
		25	0	16.69	16.85	16.81	18.30

	64QAM	25	13	16.98	17.00	16.85	18.30	
		25	25	16.72	16.80	16.65	18.30	
		50	0	16.92	16.81	16.74	18.30	
		1	0	16.79	16.90	16.65	18.30	
		1	25	16.97	16.97	16.78	18.30	
		1	49	16.65	16.79	16.63	18.30	
		25	0	16.84	16.86	16.82	18.30	
		25	13	16.85	16.92	16.79	18.30	
		25	25	16.69	16.76	16.67	18.30	
		50	0	16.70	16.74	16.58	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	QPSK	1	0	16.83	16.73	16.78	18.30	
		1	38	16.97	16.97	16.74	18.30	
		1	74	16.83	16.67	16.78	18.30	
		36	0	17.01	16.91	16.70	18.30	
		36	18	17.02	16.88	16.91	18.30	
		36	39	16.96	16.72	16.64	18.30	
		75	0	16.82	16.69	16.72	18.30	
	16QAM	1	0	16.74	16.94	16.68	18.30	
		1	38	16.82	17.04	16.84	18.30	
		1	74	16.74	16.73	16.71	18.30	
		36	0	16.72	16.89	16.83	18.30	
		36	18	17.06	17.00	16.82	18.30	
		36	39	16.75	16.80	16.59	18.30	
		75	0	16.85	16.81	16.72	18.30	
	64QAM	1	0	16.80	16.88	16.74	18.30	
		1	38	16.89	16.96	16.79	18.30	
		1	74	16.70	16.83	16.60	18.30	
		36	0	16.94	16.92	16.79	18.30	
		36	18	16.87	16.91	16.79	18.30	
		36	39	16.61	16.71	16.64	18.30	
		75	0	16.75	16.81	16.59	18.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
	20MHz	QPSK	1	0	16.88	16.82	16.82	18.30
1			50	17.04	17.02	16.82	18.30	
1			99	16.90	16.77	16.84	18.30	
50			0	17.03	16.98	16.74	18.30	
50			25	17.03	16.95	16.91	18.30	
50			50	16.96	16.81	16.73	18.30	
100			0	16.89	16.77	16.77	18.30	
16QAM		1	0	16.84	16.95	16.78	18.30	
		1	50	16.85	17.04	16.87	18.30	
		1	99	16.77	16.82	16.80	18.30	
		50	0	16.79	16.91	16.83	18.30	
		50	25	17.06	17.01	16.86	18.30	

		50	50	16.75	16.80	16.66	18.30
		100	0	16.92	16.84	16.79	18.30
	64QAM	1	0	16.85	16.92	16.75	18.30
		1	50	16.97	16.97	16.85	18.30
		1	99	16.73	16.83	16.68	18.30
		50	0	16.94	16.92	16.82	18.30
		50	25	16.91	16.93	16.85	18.30
		50	50	16.71	16.78	16.71	18.30
		100	0	16.79	16.82	16.67	18.30

(For DC_66A_N7&38&41)LTE Band 66 State 4/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	19.77	19.80	19.73	21.30	
		1	2	20.06	19.95	19.81	21.30	
		1	5	19.93	19.78	19.84	21.30	
		3	0	19.97	19.94	19.74	21.30	
		3	1	19.90	19.87	19.81	21.30	
		3	3	19.90	19.79	19.69	21.30	
		6	0	19.89	19.68	19.71	21.30	
	16QAM	1	0	19.89	19.88	19.74	21.30	
		1	2	19.83	20.00	19.85	21.30	
		1	5	19.72	19.74	19.78	21.30	
		3	0	19.83	19.86	19.76	21.30	
		3	1	20.05	20.01	19.84	21.30	
		3	3	19.72	19.71	19.65	21.30	
		6	0	19.83	19.79	19.66	21.30	
	64QAM	1	0	19.86	19.89	19.64	21.30	
		1	2	19.96	19.99	19.86	21.30	
		1	5	19.61	19.84	19.62	21.30	
		3	0	19.82	19.85	19.69	21.30	
		3	1	20.00	19.96	19.90	21.30	
		3	3	19.60	19.79	19.62	21.30	
		6	0	18.72	18.83	18.68	20.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131987	132322	132657	
	3MHz	QPSK	1	0	19.85	19.80	19.73	21.30
1			7	20.01	19.99	19.84	21.30	
1			14	19.92	19.77	19.76	21.30	
8			0	19.93	19.91	19.74	21.30	
8			4	19.95	19.93	19.84	21.30	
8			7	19.98	19.78	19.75	21.30	
15			0	19.93	19.73	19.74	21.30	
16QAM		1	0	19.86	19.91	19.76	21.30	
		1	7	19.88	19.96	19.86	21.30	
		1	14	19.72	19.79	19.86	21.30	

		8	0	19.75	19.92	19.76	21.30
		8	4	19.96	19.96	19.85	21.30
		8	7	19.77	19.71	19.65	21.30
		15	0	19.81	19.84	19.73	21.30
	64QAM	1	0	19.82	19.79	19.72	21.30
		1	7	19.93	19.99	19.85	21.30
		1	14	19.60	19.84	19.68	21.30
		8	0	18.89	18.85	18.67	20.30
		8	4	18.87	18.86	18.73	20.30
		8	7	18.69	18.74	18.62	20.30
15	0	18.69	18.84	18.67	20.30		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.77	19.81	19.83	21.30
		1	13	20.04	19.98	19.79	21.30
		1	24	19.94	19.77	19.83	21.30
		12	0	20.00	19.97	19.74	21.30
		12	6	19.98	19.90	19.82	21.30
		12	13	19.94	19.72	19.75	21.30
		25	0	19.90	19.68	19.69	21.30
	16QAM	1	0	19.86	19.97	19.71	21.30
		1	13	19.85	19.95	19.86	21.30
		1	24	19.66	19.80	19.84	21.30
		12	0	19.74	19.94	19.82	21.30
		12	6	20.03	20.03	19.76	21.30
		12	13	19.73	19.75	19.55	21.30
		25	0	19.85	19.87	19.73	21.30
	64QAM	1	0	19.88	19.85	19.68	21.30
		1	13	20.01	19.93	19.90	21.30
		1	24	19.65	19.83	19.66	21.30
		12	0	18.83	18.81	18.75	20.30
		12	6	18.91	18.82	18.74	20.30
		12	13	18.61	18.75	18.69	20.30
		25	0	18.69	18.80	18.64	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.80	19.85	19.80	21.30
		1	25	19.99	20.03	19.83	21.30
		1	49	19.88	19.79	19.80	21.30
		25	0	20.01	19.95	19.68	21.30
		25	13	19.94	19.92	19.79	21.30
		25	25	19.89	19.74	19.77	21.30
		50	0	19.87	19.66	19.74	21.30
	16QAM	1	0	19.87	19.92	19.75	21.30
		1	25	19.85	19.97	19.81	21.30
		1	49	19.72	19.70	19.82	21.30
		25	0	19.79	19.93	19.81	21.30

		25	13	20.01	20.03	19.80	21.30	
		25	25	19.71	19.70	19.61	21.30	
		50	0	19.81	19.83	19.72	21.30	
	64QAM	1	0	19.87	19.86	19.65	21.30	
		1	25	19.96	20.02	19.86	21.30	
		1	49	19.65	19.78	19.67	21.30	
		25	0	18.86	18.81	18.74	20.30	
		25	13	18.87	18.82	18.72	20.30	
		25	25	18.71	18.78	18.69	20.30	
		50	0	18.73	18.81	18.65	20.30	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132047	132322	132597	
15MHz	QPSK	1	0	19.87	19.81	19.78	21.30	
		1	38	20.04	19.94	19.87	21.30	
		1	74	19.90	19.79	19.85	21.30	
		36	0	19.99	19.98	19.75	21.30	
		36	18	19.97	19.87	19.81	21.30	
		36	39	19.92	19.78	19.71	21.30	
		75	0	19.85	19.64	19.75	21.30	
	16QAM	1	0	19.86	19.92	19.77	21.30	
		1	38	19.88	19.94	19.90	21.30	
		1	74	19.73	19.75	19.85	21.30	
		36	0	19.80	19.87	19.80	21.30	
		36	18	20.01	20.02	19.76	21.30	
		36	39	19.72	19.74	19.62	21.30	
		75	0	19.84	19.82	19.75	21.30	
	64QAM	1	0	19.81	19.82	19.63	21.30	
		1	38	19.96	20.01	19.85	21.30	
		1	74	19.68	19.85	19.66	21.30	
		36	0	18.90	18.85	18.69	20.30	
		36	18	18.84	18.86	18.75	20.30	
		36	39	18.61	18.78	18.68	20.30	
		75	0	18.69	18.84	18.62	20.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
	20MHz	QPSK	1	0	19.87	19.85	19.83	21.30
1			50	20.08	20.03	19.87	21.30	
1			99	19.94	19.82	19.86	21.30	
50			0	20.02	19.98	19.76	21.30	
50			25	20.00	19.96	19.89	21.30	
50			50	19.98	19.82	19.77	21.30	
100			0	19.93	19.74	19.77	21.30	
16QAM		1	0	19.90	19.98	19.80	21.30	
		1	50	19.88	20.03	19.90	21.30	
		1	99	19.75	19.80	19.86	21.30	
		50	0	19.84	19.95	19.82	21.30	
		50	25	20.05	20.06	19.86	21.30	

		50	50	19.79	19.78	19.65	21.30
		100	0	19.89	19.89	19.76	21.30
	64QAM	1	0	19.90	19.89	19.73	21.30
		1	50	20.02	20.02	19.91	21.30
		1	99	19.70	19.87	19.69	21.30
		50	0	18.91	18.91	18.77	20.30
		50	25	18.92	18.91	18.77	20.30
		50	50	18.71	18.79	18.72	20.30
		100	0	18.77	18.85	18.68	20.30

7 Conducted Power of Intra Band LTE Uplink CA

7.1 Conducted Power of LTE Uplink CA (Ant3)

Combination	Modulation	PCC						SCC					State 0		State 1		State 2/4/6		State 3/5	
		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_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	0	0	22.72	23.30	18.34	19.30	15.33	16.30	17.86	18.80
CA_7C	QPSK	7	20	21100	1	99	3100	7	20	21298	0	0	22.65	23.30	18.4	19.30	15.25	16.30	17.8	18.80
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	0	0	22.66	23.30	18.29	19.30	15.3	16.30	17.77	18.80
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	0	0	22.66	23.30	18.26	19.30	15.55	16.30	17.76	18.80

Combination	Modulation	PCC						SCC					State 0		State 1		State 2/4/6		State 3/5	
		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_38C	QPSK	38	20	37850	1	99	37850	38	20	38048	0	0	22.29	23.30	20.90	22.30	17.42	18.80	20.39	21.80
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	0	0	22.21	23.30	20.85	22.30	17.34	18.80	20.35	21.80
CA_38C	QPSK	38	20	38099	1	0	38099	38	20	37901	0	0	22.17	23.30	20.77	22.30	17.3	18.80	20.3	21.80
CA_38C	QPSK	38	20	38150	1	0	38150	38	20	37952	0	0	22.19	23.30	20.8	22.30	17.34	18.80	20.3	21.80

Combination	Modulation	PCC						SCC					State 0		State 1		State 2/4/6		State 3/5	
		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	99	39750	41	20	39948	0	0	22.51	23.30	21.35	22.30	17.91	19.30	20.91	21.80
CA_41C	QPSK	41	20	40185	1	99	40185	41	20	40383	0	0	22.26	23.30	21.1	22.30	17.71	19.30	20.69	21.80
CA_41C	QPSK	41	20	40620	1	99	40620	41	20	40818	0	0	22.26	23.30	21.15	22.30	17.66	19.30	20.71	21.80
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40422	0	0	22.25	23.30	21.11	22.30	17.7	19.30	20.66	21.80
CA_41C	QPSK	41	20	41055	1	0	41055	41	20	40857	0	0	22.24	23.30	21.21	22.30	17.69	19.30	20.66	21.80
CA_41C	QPSK	41	20	41490	1	0	41490	41	20	41292	0	0	22.31	23.30	21.29	22.30	17.74	19.30	20.73	21.80

7.2 Conducted Power of LTE Uplink CA (Ant4)

Combination	Modulation	PCC						SCC					State 2/4/6		State 1		State 3/5	
		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	99	2850	7	20	21048	0	0	23.62	23.80	19.75	20.30	19.25	19.80
CA_7C	QPSK	7	20	21100	1	99	3100	7	20	21298	0	0	23.58	23.80	19.73	20.30	19.21	19.80
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	0	0	23.53	23.80	19.66	20.30	19.15	19.80
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	0	0	23.36	23.80	19.48	20.30	18.96	19.80

Combination	Modulation	PCC						SCC					State 2/4/6		State 1/3/5	
		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_38C	QPSK	38	20	37850	1	99	37850	38	20	38048	0	0	23.35	23.80	21.50	22.30
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	0	0	23.45	23.80	21.56	22.30
CA_38C	QPSK	38	20	38099	1	0	38099	38	20	37901	0	0	23.39	23.80	21.5	22.30
CA_38C	QPSK	38	20	38150	1	0	38150	38	20	37952	0	0	23.40	23.80	21.53	22.30

Combination	Modulation	PCC						SCC					State 2/4/6		State 1/3/5	
		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_41C	QPSK	41	20	39750	1	99	39750	41	20	39948	0	0	23.22	23.80	22.57	23.30
CA_41C	QPSK	41	20	40185	1	99	40185	41	20	40383	0	0	23.25	23.80	22.57	23.30
CA_41C	QPSK	41	20	40620	1	99	40620	41	20	40818	0	0	23.52	23.80	22.82	23.30
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40422	0	0	23.32	23.80	22.62	23.30
CA_41C	QPSK	41	20	41055	1	0	41055	41	20	40857	0	0	23.16	23.80	22.51	23.30

7.3 Conducted Power of LTE Uplink CA (Ant5)

Combination	Modulation	PCC						SCC					State 2/4/6		State 1		State 3/5	
		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	99	2850	7	20	21048	0	0	22.13	22.30	19.23	19.80	18.77	19.30
CA_7C	QPSK	7	20	21100	1	99	3100	7	20	21298	0	0	22.09	22.30	19.22	19.80	19.00	19.30
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	0	0	21.92	22.30	19.06	19.80	18.53	19.30
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	0	0	21.94	22.30	19.09	19.80	18.59	19.30

Combination	Modulation	PCC						SCC					State 1/2/3/4/5/6	
		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)
CA_38C	QPSK	38	20	37850	1	99	37850	38	20	38048	0	0	21.53	22.30
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	0	0	21.42	22.30
CA_38C	QPSK	38	20	38099	1	0	38099	38	20	37901	0	0	21.28	22.30
CA_38C	QPSK	38	20	38150	1	0	38150	38	20	37952	0	0	21.23	22.30

Combination	Modulation	PCC						SCC					State 1/2/3/4/5/6	
		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)
CA_41C	QPSK	41	20	39750	1	99	39750	41	20	39948	0	0	22.05	22.30
CA_41C	QPSK	41	20	40185	1	99	40185	41	20	40383	0	0	21.92	22.30
CA_41C	QPSK	41	20	40620	1	99	40620	41	20	40818	0	0	21.55	22.30
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40422	0	0	21.29	22.30
CA_41C	QPSK	41	20	41055	1	0	41055	41	20	40857	0	0	21.35	22.30
CA_41C	QPSK	41	20	41490	1	0	41490	41	20	41292	0	0	21.29	22.30

8 Conducted Power of Intra Band LTE Downlink CA

8.1 Conducted Power of LTE Downlink CA (Ant0)

DL LTE CA Class	PCC							SCC1				SCC2				State 1/2/3/4/5/6		
	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	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_12A-66A	Band 12	10M	704	23060	QPSK	1	25	Band 66	20M	2155.0	66886	/	/	/	/	22.82	22.91	23.30
	Band 12	10M	707.5	23095	QPSK	1	25	Band 66	20M	2155.0	66886	/	/	/	/	22.86	22.91	23.30
	Band 12	10M	711	23130	QPSK	1	25	Band 66	20M	2155.0	66886	/	/	/	/	22.84	22.90	23.30
CA_2A-5A	Band 5	10M	829	20450	QPSK	1	25	Band 2	20M	1960.0	900	/	/	/	/	23.84	23.89	24.30
	Band 5	10M	836.5	20525	QPSK	1	25	Band 2	20M	1960.0	900	/	/	/	/	23.85	23.90	24.30
	Band 5	10M	844	20600	QPSK	1	25	Band 2	20M	1960.0	900	/	/	/	/	23.82	23.89	24.30
CA_4A-5A	Band 5	10M	829	20450	QPSK	1	25	Band 4	20M	2132.5	2175	/	/	/	/	23.84	23.89	24.30
	Band 5	10M	836.5	20525	QPSK	1	25	Band 4	20M	2132.5	2175	/	/	/	/	23.82	23.90	24.30
	Band 5	10M	844	20600	QPSK	1	25	Band 4	20M	2132.5	2175	/	/	/	/	23.80	23.89	24.30
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	25	Band 7	20M	2655.0	3100	/	/	/	/	23.82	23.89	24.30
	Band 5	10M	836.5	20525	QPSK	1	25	Band 7	20M	2655.0	3100	/	/	/	/	23.80	23.90	24.30
	Band 5	10M	844	20600	QPSK	1	25	Band 7	20M	2655.0	3100	/	/	/	/	23.84	23.89	24.30
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	25	Band 38	20M	2595.0	38000	/	/	/	/	23.83	23.89	24.30
	Band 5	10M	836.5	20525	QPSK	1	25	Band 38	20M	2595.0	38000	/	/	/	/	23.84	23.90	24.30
	Band 5	10M	844	20600	QPSK	1	25	Band 38	20M	2595.0	38000	/	/	/	/	23.81	23.89	24.30
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	25	Band 66	20M	2155.0	66886	/	/	/	/	23.84	23.89	24.30
	Band 5	10M	836.5	20525	QPSK	1	25	Band 66	20M	2155.0	66886	/	/	/	/	23.80	23.90	24.30
	Band 5	10M	844	20600	QPSK	1	25	Band 66	20M	2155.0	66886	/	/	/	/	23.79	23.89	24.30
CA_26A-38A	Band 26	15M	821.5	26765	QPSK	1	0	Band 38	20M	2595.0	38000	/	/	/	/	23.64	23.72	24.30
	Band 26	15M	831.5	26865	QPSK	1	0	Band 38	20M	2595.0	38000	/	/	/	/	23.83	23.90	24.30
	Band 26	15M	841.5	26965	QPSK	1	0	Band 38	20M	2595.0	38000	/	/	/	/	23.70	23.75	24.30
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	0	Band 41	20M	2593.0	40620	/	/	/	/	23.65	23.72	24.30
	Band 26	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593.0	40620	/	/	/	/	23.84	23.90	24.30
	Band 26	15M	841.5	26965	QPSK	1	0	Band 41	20M	2593.0	40620	/	/	/	/	23.67	23.75	24.30
CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	25	Band 7	20M	2655.0	3100	Band 66	20M	2155.00	66886.00	23.85	23.90	24.30
CA_5A-66A-66A	Band 5	10M	829	20450	QPSK	1	25	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311.00	23.80	23.89	24.30
	Band 5	10M	836.5	20525	QPSK	1	25	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311.00	23.82	23.90	24.30
	Band 5	10M	844	20600	QPSK	1	25	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311.00	23.82	23.89	24.30
CA_5A-7A-7A	Band 5	10M	829	20450	QPSK	1	25	Band 7	20M	2655.0	3100	Band 7	5M	2687.50	3425.00	23.79	23.89	24.30
	Band 5	10M	836.5	20525	QPSK	1	25	Band 7	20M	2655.0	3100	Band 7	5M	2687.50	3425.00	23.85	23.90	24.30
	Band 5	10M	844	20600	QPSK	1	25	Band 7	20M	2655.0	3100	Band 7	5M	2687.50	3425.00	23.81	23.89	24.30

8.2 Conducted Power of LTE Downlink CA (Ant1)

DL LTE CA Class	PCC							SCC1				SCC2				State 1/2/3/4/5/6		
	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	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_12A-66A	Band 12	10M	704	23060	QPSK	1	0	Band 66	20M	2155.0	66886	/	/	/	/	23.15	23.22	23.80
	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155.0	66886	/	/	/	/	23.14	23.20	23.80
CA_2A-5A	Band 12	10M	711	23130	QPSK	1	0	Band 66	20M	2155.0	66886	/	/	/	/	23.15	23.21	23.80
	Band 5	10M	829	20450	QPSK	1	49	Band 2	20M	1960.0	900	/	/	/	/	24.12	24.17	24.80
CA_4A-5A	Band 5	10M	836.5	20525	QPSK	1	49	Band 2	20M	1960.0	900	/	/	/	/	24.05	24.15	24.80
	Band 5	10M	844	20600	QPSK	1	49	Band 2	20M	1960.0	900	/	/	/	/	24.04	24.09	24.80
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	49	Band 4	20M	2132.5	2175	/	/	/	/	24.10	24.17	24.80
	Band 5	10M	836.5	20525	QPSK	1	49	Band 4	20M	2132.5	2175	/	/	/	/	24.08	24.15	24.80
CA_5A-38A	Band 5	10M	844	20600	QPSK	1	49	Band 4	20M	2132.5	2175	/	/	/	/	24.00	24.09	24.80
	Band 5	10M	829	20450	QPSK	1	49	Band 7	20M	2655.0	3100	/	/	/	/	24.12	24.17	24.80
CA_5A-66A	Band 5	10M	836.5	20525	QPSK	1	49	Band 7	20M	2655.0	3100	/	/	/	/	24.07	24.15	24.80
	Band 5	10M	844	20600	QPSK	1	49	Band 7	20M	2655.0	3100	/	/	/	/	24.02	24.09	24.80
CA_26A-38A	Band 5	10M	829	20450	QPSK	1	49	Band 38	20M	2595.0	38000	/	/	/	/	24.11	24.17	24.80
	Band 5	10M	836.5	20525	QPSK	1	49	Band 38	20M	2595.0	38000	/	/	/	/	24.10	24.15	24.80
CA_26A-41A	Band 5	10M	844	20600	QPSK	1	49	Band 38	20M	2595.0	38000	/	/	/	/	24.04	24.09	24.80
	Band 5	10M	829	20450	QPSK	1	49	Band 66	20M	2155.0	66886	/	/	/	/	24.07	24.17	24.80
CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	49	Band 66	20M	2155.0	66886	/	/	/	/	24.09	24.15	24.80
	Band 5	10M	844	20600	QPSK	1	49	Band 66	20M	2155.0	66886	/	/	/	/	24.03	24.09	24.80
CA_5A-66A-66A	Band 26	15M	821.5	26765	QPSK	1	38	Band 38	20M	2595.0	38000	/	/	/	/	23.94	24.03	24.80
	Band 26	15M	831.5	26865	QPSK	1	38	Band 38	20M	2595.0	38000	/	/	/	/	24.01	24.08	24.80
CA_5A-7A-7A	Band 26	15M	841.5	26965	QPSK	1	38	Band 38	20M	2595.0	38000	/	/	/	/	23.86	23.94	24.80
	Band 26	15M	821.5	26765	QPSK	1	38	Band 41	20M	2593.0	40620	/	/	/	/	23.98	24.03	24.80
CA_5A-66A-66A	Band 26	15M	831.5	26865	QPSK	1	38	Band 41	20M	2593.0	40620	/	/	/	/	24.00	24.08	24.80
	Band 26	15M	841.5	26965	QPSK	1	38	Band 41	20M	2593.0	40620	/	/	/	/	23.87	23.94	24.80
CA_5A-7A-7A	Band 5	10M	836.5	20525	QPSK	1	49	Band 7	20M	2655.0	3100	Band 66	20M	2155.00	66886.00	24.05	24.15	24.80
	Band 5	10M	829	20450	QPSK	1	49	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311.00	24.12	24.17	24.80
CA_5A-7A-7A	Band 5	10M	836.5	20525	QPSK	1	49	Band 66	20M	2155.0	66886	Band 66	5M	2197.50	67311.00	24.00	24.09	24.80
	Band 5	10M	829	20450	QPSK	1	49	Band 7	20M	2655.0	3100	Band 7	5M	2687.50	3425.00	24.11	24.17	24.80
CA_5A-7A-7A	Band 5	10M	836.5	20525	QPSK	1	49	Band 7	20M	2655.0	3100	Band 7	5M	2687.50	3425.00	24.06	24.15	24.80
	Band 5	10M	844	20600	QPSK	1	49	Band 7	20M	2655.0	3100	Band 7	5M	2687.50	3425.00	24.02	24.09	24.80

8.3 Conducted Power of LTE Downlink CA (Ant3)

DL LTE CA Class	PCC						SCC1			SCC2			State 1			State 2/4/6			State 3/5					
	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	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	2649.8	3048	/	/	/	/	18.92	18.98	19.80	15.99	16.07	16.80	18.39	18.49	19.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	/	/	/	/	19.00	19.10	19.80	16.14	16.19	16.80	18.55	18.62	19.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	2660.2	3152	/	/	/	/	18.87	18.96	19.80	16.02	16.09	16.80	18.41	18.48	19.30
CA_38C	Band 38	20M	2580	37850	QPSK	1	99	Band 38	20M	2599.8	38048	/	/	/	/	21.54	21.59	22.80	18.01	18.09	19.30	21.26	21.33	22.30
	Band 38	20M	2585.1	37901	QPSK	1	99	Band 38	20M	2604.9	38099	/	/	/	/	21.56	21.66	22.80	18.15	18.23	19.30	21.22	21.32	22.30
	Band 38	20M	2610	38150	QPSK	1	99	Band 38	20M	2590.2	37952	/	/	/	/	21.55	21.62	22.80	18.12	18.22	19.30	21.06	21.14	22.30
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	/	/	/	/	21.61	21.71	22.30	18.06	18.13	19.30	21.18	21.23	21.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	2569.3	40383	/	/	/	/	21.47	21.52	22.30	18.21	18.26	19.30	20.95	21.04	21.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	/	/	/	/	21.78	21.83	22.30	18.03	18.08	19.30	20.76	20.85	21.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	/	/	/	/	21.57	21.66	22.30	18.16	18.21	19.30	20.87	20.92	21.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	/	/	/	/	21.68	21.75	22.30	18.04	18.11	19.30	21.10	21.19	21.80
CA_7B	Band 7	15M	2507.5	20825	QPSK	1	0	Band 7	5M	2631.8	2868	/	/	/	/	18.89	18.95	19.80	15.98	16.04	16.80	18.35	18.45	19.30
	Band 7	15M	2535	21100	QPSK	1	0	Band 7	5M	2664.3	3193	/	/	/	/	18.96	19.06	19.80	16.08	16.16	16.80	18.55	18.61	19.30
	Band 7	15M	2562.5	21375	QPSK	1	0	Band 7	5M	2678.2	3332	/	/	/	/	18.92	18.98	19.80	16.01	16.07	16.80	18.40	18.47	19.30
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	50	Band 2	5M	1987.5	1175	/	/	/	/	19.08	19.15	20.30	16.68	16.75	17.80	18.46	18.53	19.80
	Band 2	20M	1880	18900	QPSK	1	50	Band 2	5M	1987.5	1175	/	/	/	/	19.39	19.49	20.30	16.97	17.07	17.80	18.77	18.86	19.80
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	19.23	19.33	20.30	16.89	16.97	17.80	18.66	18.73	19.80
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	/	/	/	/	20.13	20.19	21.30	17.41	17.48	18.30	19.54	19.59	20.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	/	/	/	/	20.30	20.40	21.30	17.54	17.61	18.30	19.67	19.75	20.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	/	/	/	/	20.11	20.19	21.30	17.35	17.44	18.30	19.51	19.57	20.30
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	2687.5	3425	/	/	/	/	18.88	18.98	19.80	15.99	16.07	16.80	18.44	18.49	19.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	/	/	/	/	19.01	19.10	19.80	16.11	16.19	16.80	18.57	18.62	19.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	2622.5	2775	/	/	/	/	18.91	18.96	19.80	16.01	16.09	16.80	18.43	18.48	19.30
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	2687.5	41565	/	/	/	/	21.62	21.71	22.30	18.05	18.13	19.30	21.17	21.23	21.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	2687.5	41565	/	/	/	/	21.45	21.52	22.30	18.16	18.26	19.30	20.96	21.04	21.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	/	/	/	/	21.77	21.83	22.30	18.01	18.08	19.30	20.78	20.85	21.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	2498.5	39675	/	/	/	/	21.60	21.66	22.30	18.13	18.21	19.30	20.87	20.92	21.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	2498.5	39675	/	/	/	/	21.69	21.75	22.30	18.05	18.11	19.30	21.10	21.19	21.80
CA_12A-66A	Band 66	20M	1720	132072	QPSK	1	50	Band 12	10M	737.5	5095	/	/	/	/	19.82	19.88	20.80	17.02	17.07	18.30	19.42	19.51	20.30
	Band 66	20M	1745	132322	QPSK	1	50	Band 12	10M	737.5	5095	/	/	/	/	19.97	20.06	20.80	17.13	17.21	18.30	19.55	19.60	20.30
	Band 66	20M	1770	132572	QPSK	1	50	Band 12	10M	737.5	5095	/	/	/	/	19.86	19.92	20.80	16.96	17.06	18.30	19.33	19.41	20.30
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	50	Band 66	5M	2197.5	67311	/	/	/	/	19.78	19.88	20.80	17.02	17.07	18.30	19.44	19.51	20.30
	Band 66	20M	1745	132322	QPSK	1	50	Band 66	5M	2197.5	67311	/	/	/	/	20.00	20.06	20.80	17.16	17.21	18.30	19.55	19.60	20.30
	Band 66	20M	1770	132572	QPSK	1	50	Band 66	5M	2112.5	66461	/	/	/	/	19.85	19.92	20.80	16.97	17.06	18.30	19.34	19.41	20.30
	Band 66	20M	1745	132322	QPSK	1	50	Band 66	5M	2112.5	66461	/	/	/	/	19.85	19.92	20.80	16.97	17.06	18.30	19.34	19.41	20.30
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	50	Band 2	5M	1987.5	1175	/	/	/	/	19.05	19.15	20.30	16.67	16.75	17.80	18.43	18.53	19.80
	Band 2	20M	1880	18900	QPSK	1	50	Band 2	5M	1987.5	1175	/	/	/	/	19.39	19.49	20.30	16.99	17.07	17.80	18.78	18.86	19.80
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	19.28	19.33	20.30	16.89	16.97	17.80	18.63	18.73	19.80
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960.0	900	/	/	/	/	20.12	20.19	21.30	17.41	17.48	18.30	19.51	19.59	20.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960.0	900	/	/	/	/	20.34	20.40	21.30	17.55	17.61	18.30	19.68	19.75	20.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960.0	900	/	/	/	/	20.11	20.19	21.30	17.38	17.44	18.30	19.51	19.57	20.30
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	50	Band 2	5M	1987.5	1175	/	/	/	/	19.08	19.15	20.30	16.68	16.75	17.80	18.45	18.53	19.80
	Band 2	20M	1880	18900	QPSK	1	50	Band 2	5M	1987.5	1175	/	/	/	/	19.44	19.49	20.30	17.00	17.07	17.80	18.81	18.86	19.80
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	19.23	19.33	20.30	16.91	16.97	17.80	18.67	18.73	19.80
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	50	Band 2	5M	1987.5	1175	/	/	/	/	19.10	19.15	20.30	16.67	16.75	17.80	18.45	18.53	19.80
	Band 2	20M	1880	18900	QPSK	1	50	Band 2	5M	1987.5	1175	/	/	/	/	19.40	19.49	20.30	17.01	17.07	17.80	18.79	18.86	19.80
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	19.28	19.33	20.30	16.92	16.97	17.80	18.63	18.73	19.80
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	1960.0	900	/	/	/	/	18.89	18.98	19.80	15.97	16.07	16.80	18.42	18.49	19.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	1960.0	900	/	/	/	/	19.01	19.10	19.80	16.11	16.19	16.80	18.54	18.62	19.30
Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	1960.0	900	/	/	/	/	18.89	18.96	19.80	15.99	16.09	16.80	18.38	18.48	19.30	

CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	50	Band 66	20M	2155.0	66886	/	/	/	/	19.08	19.15	20.30	16.70	16.75	17.80	18.48	18.53	19.80
	Band 2	20M	1880	18900	QPSK	1	50	Band 66	20M	2155.0	66886	/	/	/	/	19.39	19.49	20.30	17.02	17.07	17.80	18.81	18.86	19.80
	Band 2	20M	1900	19100	QPSK	1	50	Band 66	20M	2155.0	66886	/	/	/	/	19.23	19.33	20.30	16.87	16.97	17.80	18.63	18.73	19.80
	Band 66	20M	1720	132072	QPSK	1	50	Band 2	20M	1960.0	900	/	/	/	/	19.78	19.88	20.80	17.01	17.07	18.30	19.42	19.51	20.30
	Band 66	20M	1745	132322	QPSK	1	50	Band 2	20M	1960.0	900	/	/	/	/	19.98	20.06	20.80	17.15	17.21	18.30	19.55	19.60	20.30
	Band 66	20M	1770	132572	QPSK	1	50	Band 2	20M	1960.0	900	/	/	/	/	19.82	19.92	20.80	16.98	17.06	18.30	19.33	19.41	20.30
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	20.11	20.19	21.30	17.40	17.48	18.30	19.52	19.59	20.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	20.32	20.40	21.30	17.52	17.61	18.30	19.65	19.75	20.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	20.13	20.19	21.30	17.39	17.44	18.30	19.48	19.57	20.30
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655.0	3100	/	/	/	/	20.12	20.19	21.30	17.42	17.48	18.30	19.49	19.59	20.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655.0	3100	/	/	/	/	20.33	20.40	21.30	17.51	17.61	18.30	19.66	19.75	20.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655.0	3100	/	/	/	/	20.14	20.19	21.30	17.35	17.44	18.30	19.50	19.57	20.30
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	18.91	18.98	19.80	16.01	16.07	16.80	18.44	18.49	19.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	19.03	19.10	19.80	16.14	16.19	16.80	18.55	18.62	19.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	18.91	18.96	19.80	16.01	16.09	16.80	18.38	18.48	19.30
CA_5A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	18.93	18.98	19.80	16.00	16.07	16.80	18.43	18.49	19.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	19.05	19.10	19.80	16.14	16.19	16.80	18.54	18.62	19.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	18.86	18.96	19.80	16.03	16.09	16.80	18.38	18.48	19.30
CA_5A-38A	Band 38	20M	2580	37850	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	21.54	21.59	22.80	18.03	18.09	19.30	21.25	21.33	22.30
	Band 38	20M	2595	38000	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	21.56	21.66	22.80	18.13	18.23	19.30	21.22	21.32	22.30
	Band 38	20M	2610	38150	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	21.54	21.62	22.80	18.13	18.22	19.30	21.09	21.14	22.30
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	19.80	19.88	20.80	17.01	17.07	18.30	19.43	19.51	20.30
	Band 66	20M	1745	132322	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	20.01	20.06	20.80	17.13	17.21	18.30	19.54	19.60	20.30
	Band 66	20M	1770	132572	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	19.83	19.92	20.80	16.98	17.06	18.30	19.35	19.41	20.30
CA_7A-38A	Band 7	20M	2510	20850	QPSK	1	0	Band 38	20M	2595.0	38000	/	/	/	/	18.93	18.98	19.80	15.98	16.07	16.80	18.41	18.49	19.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 38	20M	2595.0	38000	/	/	/	/	19.04	19.10	19.80	16.13	16.19	16.80	18.55	18.62	19.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 38	20M	2595.0	38000	/	/	/	/	18.89	18.96	19.80	15.99	16.09	16.80	18.42	18.48	19.30
	Band 38	20M	2580	37850	QPSK	1	99	Band 7	20M	2655.0	3100	/	/	/	/	21.49	21.59	22.80	18.03	18.09	19.30	21.23	21.33	22.30
	Band 38	20M	2595	38000	QPSK	1	99	Band 7	20M	2655.0	3100	/	/	/	/	21.56	21.66	22.80	18.15	18.23	19.30	21.22	21.32	22.30
	Band 38	20M	2610	38150	QPSK	1	99	Band 7	20M	2655.0	3100	/	/	/	/	21.53	21.62	22.80	18.13	18.22	19.30	21.09	21.14	22.30
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	2155.0	66886	/	/	/	/	18.92	18.98	19.80	15.97	16.07	16.80	18.41	18.49	19.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155.0	66886	/	/	/	/	19.05	19.10	19.80	16.14	16.19	16.80	18.52	18.62	19.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	2155.0	66886	/	/	/	/	18.91	18.96	19.80	15.99	16.09	16.80	18.43	18.48	19.30
	Band 66	20M	1720	132072	QPSK	1	50	Band 7	20M	2655.0	3100	/	/	/	/	19.78	19.88	20.80	17.02	17.07	18.30	19.46	19.51	20.30
	Band 66	20M	1745	132322	QPSK	1	50	Band 7	20M	2655.0	3100	/	/	/	/	19.98	20.06	20.80	17.13	17.21	18.30	19.50	19.60	20.30
	Band 66	20M	1770	132572	QPSK	1	50	Band 7	20M	2655.0	3100	/	/	/	/	19.87	19.92	20.80	17.00	17.06	18.30	19.33	19.41	20.30
CA_26A-38A	Band 38	20M	2580	37850	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	21.52	21.59	22.80	18.04	18.09	19.30	21.25	21.33	22.30
	Band 38	20M	2595	38000	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	21.61	21.66	22.80	18.16	18.23	19.30	21.22	21.32	22.30
	Band 38	20M	2610	38150	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	21.53	21.62	22.80	18.16	18.22	19.30	21.06	21.14	22.30
CA_26A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	21.63	21.71	22.30	18.03	18.13	19.30	21.16	21.23	21.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	21.42	21.52	22.30	18.17	18.26	19.30	20.95	21.04	21.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	21.78	21.83	22.30	18.02	18.08	19.30	20.76	20.85	21.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	21.59	21.66	22.30	18.11	18.21	19.30	20.83	20.92	21.80
CA_38A-66A	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	21.70	21.75	22.30	18.05	18.11	19.30	21.14	21.19	21.80
	Band 38	20M	2580	37850	QPSK	1	99	Band 66	20M	2155.0	66886	/	/	/	/	21.49	21.59	22.80	17.99	18.09	19.30	21.26	21.33	22.30
	Band 38	20M	2595	38000	QPSK	1	99	Band 66	20M	2155.0	66886	/	/	/	/	21.58	21.66	22.80	18.13	18.23	19.30	21.26	21.32	22.30
	Band 38	20M	2610	38150	QPSK	1	99	Band 66	20M	2155.0	66886	/	/	/	/	21.56	21.62	22.80	18.13	18.22	19.30	21.05	21.14	22.30
	Band 66	20M	1720	132072	QPSK	1	50	Band 38	20M	2595.0	38000	/	/	/	/	19.82	19.88	20.80	17.02	17.07	18.30	19.45	19.51	20.30
	Band 66	20M	1745	132322	QPSK	1	50	Band 38	20M	2595.0	38000	/	/	/	/	19.98	20.06	20.80	17.14	17.21	18.30	19.51	19.60	20.30
CA_5A-7A-66A	Band 66	20M	1770	132572	QPSK	1	50	Band 38	20M	2595.0	38000	/	/	/	/	19.83	19.92	20.80	16.96	17.06	18.30	19.33	19.41	20.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155.0	66886	Band 5	10M	881.50	2525.00	19.05	19.10	19.80	16.10	16.19	16.80	18.55	18.62	19.30
	Band 66	20M	1745	132322	QPSK	1	50	Band 5	10M	881.5	2525	Band 7	20M	2655.00	3100.00	19.85	19.92	20.80	16.98	17.06	18.30	19.32	19.41	20.30
CA_5A-66A-66A	Band 66	20M	1720	132072	QPSK	1	50	Band 66	5M	2197.5	67311	Band 5	10M	881.50	2525.00	19.81	19.88	20.80	17.01	17.07	18.30	19.44	19.51	20.30

	Band 66	20M	1745	132322	QPSK	1	50	Band 66	5M	2197.5	67311	Band 5	10M	881.50	2525.00	19.98	20.06	20.80	17.14	17.21	18.30	19.55	19.60	20.30
	Band 66	20M	1770	132572	QPSK	1	50	Band 66	5M	2112.5	66461	Band 5	10M	881.50	2525.00	19.83	19.92	20.80	16.97	17.06	18.30	19.31	19.41	20.30
CA_5A-7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.50	2525.00	18.92	18.98	19.80	15.97	16.07	16.80	18.39	18.49	19.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.50	2525.00	19.05	19.10	19.80	16.10	16.19	16.80	18.54	18.62	19.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	2622.5	2775	Band 5	10M	881.50	2525.00	18.91	18.96	19.80	16.00	16.09	16.80	18.42	18.48	19.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	2622.5	2775	Band 5	10M	881.50	2525.00	18.91	18.96	19.80	16.00	16.09	16.80	18.42	18.48	19.30
CA_2A-7C	Band 2	20M	1860	18700	QPSK	1	50	Band 7	20M	2655.0	3100	Band 7	20M	2674.80	3298.00	19.10	19.15	20.30	16.70	16.75	17.80	18.45	18.53	19.80
	Band 2	20M	1880	18900	QPSK	1	50	Band 7	20M	2655.0	3100	Band 7	20M	2674.80	3298.00	19.43	19.49	20.30	17.01	17.07	17.80	18.80	18.86	19.80
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655.0	3100	Band 7	20M	2674.80	3298.00	19.28	19.33	20.30	16.89	16.97	17.80	18.63	18.73	19.80
	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	2649.8	3048	Band 2	20M	1960.00	900.00	18.91	18.98	19.80	16.01	16.07	16.80	18.42	18.49	19.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1960.00	900.00	19.00	19.10	19.80	16.13	16.19	16.80	18.57	18.62	19.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	2660.2	3152	Band 2	20M	1960.00	900.00	18.87	18.96	19.80	15.99	16.09	16.80	18.42	18.48	19.30
CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655.0	3100	Band 7	20M	2674.80	3298.00	20.13	20.19	21.30	17.41	17.48	18.30	19.50	19.59	20.30
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655.0	3100	Band 7	20M	2674.80	3298.00	20.31	20.40	21.30	17.55	17.61	18.30	19.70	19.75	20.30
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655.0	3100	Band 7	20M	2674.80	3298.00	20.09	20.19	21.30	17.35	17.44	18.30	19.47	19.57	20.30
	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	2649.8	3048	Band 4	20M	2132.50	2175.00	18.90	18.98	19.80	16.00	16.07	16.80	18.41	18.49	19.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.50	2175.00	19.03	19.10	19.80	16.13	16.19	16.80	18.56	18.62	19.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	2660.2	3152	Band 4	20M	2132.50	2175.00	18.90	18.96	19.80	15.99	16.09	16.80	18.39	18.48	19.30
CA_41D	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	Band 41	20M	2545.60	40146.00	21.64	21.71	22.30	18.04	18.13	19.30	21.17	21.23	21.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	2569.3	40383	Band 41	20M	2589.10	40581.00	21.46	21.52	22.30	18.18	18.26	19.30	20.94	21.04	21.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.60	41016.00	21.75	21.83	22.30	18.02	18.08	19.30	20.79	20.85	21.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	Band 41	20M	2676.10	41451.00	21.56	21.66	22.30	18.15	18.21	19.30	20.87	20.92	21.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	Band 41	20M	2640.40	41094.00	21.66	21.75	22.30	18.03	18.11	19.30	21.11	21.19	21.80
CA_7C-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	2649.8	3048	Band 66	20M	1720	132072	18.90	18.98	19.80	16.00	16.07	16.80	18.40	18.49	19.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 66	20M	1745	132322	19.04	19.10	19.80	16.09	16.19	16.80	18.53	18.62	19.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	2660.2	3152	Band 66	20M	1770	132572	18.86	18.96	19.80	16.04	16.09	16.80	18.40	18.48	19.30
	Band 66	20M	1720	132072	QPSK	1	50	Band 7	20M	2655.0	3100	Band 7	20M	2674.80	3298.00	19.79	19.88	20.80	17.02	17.07	18.30	19.45	19.51	20.30
	Band 66	20M	1745	132322	QPSK	1	50	Band 7	20M	2655.0	3100	Band 7	20M	2674.80	3298.00	19.98	20.06	20.80	17.12	17.21	18.30	19.55	19.60	20.30
	Band 66	20M	1770	132572	QPSK	1	50	Band 7	20M	2655.0	3100	Band 7	20M	2674.80	3298.00	19.86	19.92	20.80	16.97	17.06	18.30	19.36	19.41	20.30