

LTE Band 41 2496 - 2690 State2 PC3				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	18.80	19.40	19.51	19.48	19.23	20.10	
		1	13	18.99	19.28	18.89	19.20	19.22	20.10	
		1	24	18.85	19.09	18.67	19.12	19.19	20.10	
		12	0	18.76	19.40	19.51	19.50	19.21	20.10	
		12	6	18.94	19.33	18.89	19.16	19.17	20.10	
		12	13	18.86	19.09	18.66	19.11	19.22	20.10	
	16QAM	25	0	18.74	19.43	19.50	19.47	19.18	20.10	
		1	0	18.98	19.34	18.84	19.21	19.18	20.10	
		1	13	18.83	19.13	18.63	19.06	19.25	20.10	
		1	24	18.76	19.41	19.53	19.47	19.20	20.10	
		12	0	19.00	19.39	18.87	19.25	19.20	20.10	
		12	6	18.82	19.16	18.64	19.07	19.28	20.10	
	64QAM	12	13	18.72	19.41	19.57	19.46	19.15	20.10	
		25	0	18.95	19.37	18.86	19.21	19.23	20.10	
		1	0	18.82	19.18	18.59	19.08	19.29	20.10	
		1	13	18.72	19.40	19.61	19.43	19.16	20.10	
		1	24	18.91	19.37	18.90	19.26	19.20	20.10	
		12	0	18.85	19.15	18.58	19.03	19.33	20.10	
	10MHz	QPSK	12	6	18.76	19.35	19.65	19.41	19.19	20.10
			12	13	18.89	19.34	18.93	19.31	19.16	20.10
			25	0	18.81	19.14	18.59	19.07	19.28	20.10
1			0	18.78	19.35	19.52	19.45	19.23	20.10	
1			25	18.98	19.29	18.91	19.19	19.17	20.10	
1			49	18.87	19.12	18.63	19.17	19.18	20.10	
16QAM		25	0	18.73	19.41	19.55	19.49	19.18	20.10	
		25	13	18.97	19.38	18.92	19.12	19.19	20.10	
		25	25	18.88	19.04	18.67	19.06	19.17	20.10	
		50	0	18.74	19.44	19.46	19.45	19.22	20.10	
		1	0	18.96	19.35	18.83	19.25	19.14	20.10	
		1	25	18.85	19.08	18.62	19.04	19.30	20.10	
64QAM	1	49	18.80	19.41	19.50	19.42	19.16	20.10		
	25	0	18.96	19.41	18.90	19.29	19.18	20.10		
	25	13	18.83	19.18	18.59	19.10	19.26	20.10		
	25	25	18.74	19.46	19.60	19.47	19.13	20.10		
	50	0	18.93	19.41	18.88	19.26	19.18	20.10		
	1	0	18.83	19.18	18.64	19.03	19.26	20.10		
10MHz	64QAM	1	25	18.68	19.40	19.60	19.40	19.11	20.10	
		1	49	18.87	19.39	18.91	19.28	19.18	20.10	
		25	0	18.87	19.14	18.55	19.04	19.30	20.10	
		25	13	18.72	19.36	19.70	19.37	19.24	20.10	
		25	13	18.72	19.36	19.70	19.37	19.24	20.10	

Bandwidth	Modulation	25	25	18.87	19.38	18.89	19.34	19.14	20.10
		50	0	18.80	19.15	18.58	19.05	19.23	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	18.80	19.32	19.55	19.41	19.28	20.10
		1	38	18.99	19.31	18.91	19.17	19.15	20.10
		1	74	18.88	19.16	18.68	19.16	19.14	20.10
		36	0	18.77	19.46	19.56	19.51	19.16	20.10
		36	18	18.96	19.37	18.94	19.11	19.23	20.10
		36	39	18.88	19.06	18.71	19.03	19.21	20.10
		75	0	18.72	19.49	19.45	19.48	19.19	20.10
	16QAM	1	0	19.00	19.34	18.86	19.30	19.17	20.10
		1	38	18.82	19.13	18.64	19.00	19.33	20.10
		1	74	18.79	19.43	19.55	19.37	19.12	20.10
		36	0	18.94	19.39	18.90	19.28	19.15	20.10
		36	18	18.85	19.23	18.63	19.09	19.24	20.10
		36	39	18.70	19.43	19.57	19.49	19.16	20.10
		75	0	18.91	19.44	18.83	19.24	19.22	20.10
	64QAM	1	0	18.79	19.19	18.63	19.03	19.24	20.10
		1	38	18.72	19.36	19.62	19.36	19.10	20.10
		1	74	18.87	19.43	18.90	19.27	19.18	20.10
		36	0	18.92	19.09	18.51	19.06	19.34	20.10
		36	18	18.69	19.31	19.75	19.34	19.22	20.10
		36	39	18.88	19.36	18.92	19.39	19.09	20.10
		75	0	18.80	19.17	18.57	19.08	19.25	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.78	19.13	19.07	19.18	19.17	20.10
		1	50	18.98	19.14	18.92	19.25	19.25	20.10
		1	99	18.87	18.99	18.64	18.94	19.19	20.10
		50	0	18.75	19.25	19.23	19.26	19.26	20.10
		50	25	19.00	19.14	18.91	18.90	19.24	20.10
		50	50	18.88	18.86	18.68	18.78	19.17	20.10
		100	0	18.76	19.29	19.50	19.28	19.17	20.10
	16QAM	1	0	19.00	19.16	18.87	19.08	19.17	20.10
		1	50	18.84	18.94	18.61	18.77	19.38	20.10
		1	99	18.81	19.27	19.58	19.16	19.08	20.10
		50	0	18.97	19.19	18.85	19.04	19.11	20.10
		50	25	18.81	19.04	18.63	18.89	19.29	20.10
		50	50	18.70	19.23	19.54	19.24	19.15	20.10
		100	0	18.95	19.26	18.83	19.09	19.18	20.10
	64QAM	1	0	18.81	18.96	18.61	18.88	19.28	20.10
		1	50	18.70	19.11	19.61	19.21	19.11	20.10
		1	99	18.90	19.20	18.86	19.06	19.16	20.10
		50	0	18.91	18.93	18.50	18.86	19.31	20.10
		50	25	18.73	19.09	19.75	19.15	19.20	20.10
		50	50	18.86	19.18	18.97	19.15	19.06	20.10

		100	0	18.83	18.92	18.53	18.93	19.25	20.10
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LTE Band 41 2496 - 2690 State3 PC3				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	21.80	22.42	22.51	22.49	22.24	23.10
		1	13	22.01	22.29	21.87	22.22	22.22	23.10
		1	24	21.85	22.10	21.67	22.11	22.18	23.10
		12	0	21.74	22.42	22.49	22.52	22.21	23.10
		12	6	21.96	22.35	21.87	22.17	22.18	23.10
		12	13	21.87	22.07	21.65	22.13	22.24	23.10
		25	0	21.76	22.45	22.52	22.47	22.19	23.10
	16QAM	1	0	21.97	22.33	21.85	22.19	22.16	23.10
		1	13	21.82	22.11	21.61	22.06	22.25	23.10
		1	24	21.76	22.43	22.52	22.47	22.19	23.10
		12	0	22.00	22.39	21.88	22.26	22.21	23.10
		12	6	21.81	22.15	21.65	22.07	22.28	23.10
		12	13	21.74	22.43	22.55	22.48	22.15	23.10
		25	0	21.94	22.38	21.88	22.23	22.21	23.10
	64QAM	1	0	21.81	22.18	21.59	22.07	22.27	23.10
		1	13	21.70	22.41	22.61	22.41	22.16	23.10
		1	24	21.91	22.37	21.92	22.27	22.19	23.10
		12	0	21.85	22.16	21.59	22.02	22.32	23.10
		12	6	21.75	22.35	22.65	22.42	22.20	23.10
		12	13	21.88	22.34	21.91	22.29	22.15	23.10
		25	0	21.82	22.16	21.58	22.06	22.28	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	21.78	22.35	22.54	22.46	22.22	23.10
		1	25	21.97	22.28	21.90	22.21	22.16	23.10
		1	49	21.89	22.12	21.61	22.17	22.16	23.10
		25	0	21.73	22.42	22.57	22.51	22.17	23.10
		25	13	21.95	22.38	21.94	22.10	22.21	23.10
		25	25	21.87	22.05	21.66	22.04	22.17	23.10
		50	0	21.74	22.46	22.44	22.43	22.23	23.10
	16QAM	1	0	21.98	22.33	21.82	22.25	22.13	23.10
		1	25	21.84	22.08	21.62	22.02	22.32	23.10
		1	49	21.81	22.41	22.48	22.40	22.16	23.10
		25	0	21.95	22.42	21.91	22.28	22.17	23.10
		25	13	21.84	22.16	21.60	22.08	22.26	23.10
		25	25	21.76	22.45	22.61	22.45	22.14	23.10
		50	0	21.94	22.41	21.87	22.27	22.19	23.10
	64QAM	1	0	21.83	22.16	21.62	22.03	22.28	23.10
		1	25	21.68	22.38	22.62	22.42	22.09	23.10
		1	49	21.87	22.41	21.90	22.30	22.20	23.10
		25	0	21.85	22.12	21.55	22.02	22.32	23.10

		25	13	21.73	22.36	22.69	22.39	22.24	23.10
		25	25	21.86	22.39	21.87	22.35	22.15	23.10
		50	0	21.81	22.17	21.59	22.05	22.25	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	21.79	22.32	22.53	22.43	22.29	23.10
		1	38	22.01	22.33	21.93	22.19	22.17	23.10
		1	74	21.86	22.15	21.66	22.15	22.13	23.10
		36	0	21.77	22.47	22.57	22.51	22.15	23.10
		36	18	21.98	22.37	21.93	22.13	22.25	23.10
		36	39	21.89	22.05	21.70	22.04	22.20	23.10
		75	0	21.73	22.47	22.46	22.46	22.19	23.10
	16QAM	1	0	21.99	22.36	21.85	22.30	22.17	23.10
		1	38	21.80	22.12	21.62	22.02	22.34	23.10
		1	74	21.81	22.43	22.54	22.38	22.14	23.10
		36	0	21.95	22.40	21.88	22.30	22.14	23.10
		36	18	21.84	22.24	21.65	22.10	22.22	23.10
		36	39	21.68	22.45	22.57	22.48	22.14	23.10
		75	0	21.93	22.42	21.82	22.26	22.24	23.10
	64QAM	1	0	21.79	22.17	21.61	22.01	22.26	23.10
		1	38	21.74	22.37	22.62	22.34	22.12	23.10
		1	74	21.87	22.43	21.91	22.28	22.16	23.10
		36	0	21.92	22.11	21.51	22.06	22.34	23.10
		36	18	21.68	22.29	22.76	22.35	22.23	23.10
		36	39	21.87	22.34	21.93	22.38	22.09	23.10
		75	0	21.78	22.19	21.59	22.08	22.25	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.69	22.22	22.15	22.20	22.07	23.10
		1	50	21.89	22.12	21.91	22.01	22.08	23.10
		1	99	21.96	22.00	22.16	21.94	22.10	23.10
		50	0	21.93	22.56	22.54	22.41	22.39	23.10
		50	25	22.22	22.36	22.11	22.09	22.37	23.10
		50	50	22.31	22.07	21.88	22.42	22.38	23.10
		100	0	21.78	22.27	22.48	22.27	22.17	23.10
	16QAM	1	0	22.01	22.17	21.88	22.09	22.17	23.10
		1	50	21.83	21.96	21.60	21.78	22.39	23.10
		1	99	21.83	22.28	22.60	22.16	22.10	23.10
		50	0	21.98	22.20	21.86	22.02	22.10	23.10
		50	25	21.80	22.05	21.63	21.89	22.28	23.10
		50	50	21.70	22.21	22.54	22.26	22.13	23.10
		100	0	21.97	22.28	21.81	22.11	22.16	23.10
	64QAM	1	0	21.81	21.98	21.62	21.89	22.29	23.10
		1	50	21.71	22.12	22.61	22.20	22.12	23.10
		1	99	21.90	22.20	21.87	22.04	22.18	23.10
		50	0	21.93	21.94	21.49	21.87	22.32	23.10
		50	25	21.73	22.08	22.74	22.16	22.20	23.10

		50	50	21.85	22.19	21.97	22.17	22.05	23.10
		100	0	21.85	21.91	21.51	21.94	22.24	23.10

LTE Band 41 2496 - 2690 State4 PC3				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	17.78	18.43	18.53	18.50	18.24	19.10
		1	13	17.99	18.30	17.88	18.23	18.23	19.10
		1	24	17.83	18.11	17.66	18.09	18.19	19.10
		12	0	17.76	18.44	18.48	18.50	18.20	19.10
		12	6	17.97	18.35	17.87	18.16	18.18	19.10
		12	13	17.86	18.07	17.64	18.14	18.22	19.10
		25	0	17.75	18.46	18.51	18.48	18.17	19.10
	16QAM	1	0	17.97	18.31	17.85	18.21	18.15	19.10
		1	13	17.84	18.09	17.59	18.07	18.24	19.10
		1	24	17.78	18.44	18.52	18.46	18.17	19.10
		12	0	18.01	18.41	17.88	18.26	18.19	19.10
		12	6	17.82	18.14	17.66	18.06	18.29	19.10
		12	13	17.74	18.41	18.54	18.46	18.13	19.10
		25	0	17.94	18.40	17.86	18.23	18.20	19.10
	64QAM	1	0	17.80	18.17	17.57	18.09	18.28	19.10
		1	13	17.68	18.40	18.61	18.43	18.17	19.10
		1	24	17.92	18.38	17.90	18.25	18.18	19.10
		12	0	17.87	18.15	17.60	18.02	18.32	19.10
		12	6	17.73	18.33	18.64	18.41	18.21	19.10
		12	13	17.90	18.33	17.89	18.29	18.17	19.10
		25	0	17.83	18.14	17.59	18.04	18.30	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	17.77	18.35	18.52	18.45	18.21	19.10
		1	25	17.96	18.29	17.92	18.22	18.17	19.10
		1	49	17.88	18.13	17.61	18.19	18.17	19.10
		25	0	17.74	18.44	18.55	18.51	18.15	19.10
		25	13	17.96	18.40	17.94	18.11	18.22	19.10
		25	25	17.89	18.07	17.68	18.05	18.16	19.10
		50	0	17.74	18.45	18.46	18.41	18.24	19.10
	16QAM	1	0	17.97	18.31	17.82	18.25	18.12	19.10
		1	25	17.84	18.08	17.64	18.01	18.33	19.10
		1	49	17.83	18.41	18.48	18.41	18.15	19.10
		25	0	17.94	18.41	17.90	18.27	18.17	19.10
		25	13	17.85	18.14	17.61	18.09	18.24	19.10
		25	25	17.76	18.44	18.61	18.43	18.14	19.10
		50	0	17.94	18.43	17.85	18.27	18.19	19.10
	64QAM	1	0	17.83	18.16	17.61	18.04	18.26	19.10
		1	25	17.66	18.38	18.60	18.43	18.08	19.10
		1	49	17.89	18.41	17.92	18.28	18.21	19.10

		25	0	17.84	18.13	17.56	18.02	18.33	19.10
		25	13	17.73	18.38	18.69	18.40	18.25	19.10
		25	25	17.84	18.37	17.89	18.34	18.15	19.10
		50	0	17.83	18.18	17.61	18.05	18.23	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	17.78	18.33	18.51	18.42	18.29	19.10
		1	38	18.02	18.33	17.93	18.19	18.15	19.10
		1	74	17.87	18.16	17.68	18.16	18.12	19.10
		36	0	17.75	18.46	18.56	18.49	18.15	19.10
		36	18	18.00	18.35	17.95	18.15	18.24	19.10
		36	39	17.90	18.06	17.72	18.02	18.21	19.10
		75	0	17.75	18.47	18.44	18.46	18.19	19.10
	16QAM	1	0	17.98	18.34	17.87	18.29	18.17	19.10
		1	38	17.80	18.12	17.61	18.04	18.34	19.10
		1	74	17.81	18.41	18.53	18.40	18.13	19.10
		36	0	17.97	18.40	17.90	18.30	18.14	19.10
		36	18	17.84	18.25	17.63	18.08	18.20	19.10
		36	39	17.68	18.43	18.57	18.50	18.14	19.10
		75	0	17.92	18.43	17.82	18.24	18.24	19.10
	64QAM	1	0	17.78	18.16	17.59	18.01	18.27	19.10
		1	38	17.72	18.38	18.62	18.32	18.10	19.10
		1	74	17.87	18.41	17.91	18.28	18.16	19.10
		36	0	17.91	18.13	17.51	18.06	18.32	19.10
		36	18	17.68	18.29	18.76	18.37	18.21	19.10
		36	39	17.88	18.32	17.92	18.36	18.11	19.10
		75	0	17.80	18.21	17.60	18.08	18.27	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.13	18.16	18.04	18.20	18.28	19.10
		1	50	17.97	18.14	17.89	17.99	18.18	19.10
		1	99	17.86	17.98	17.65	17.96	18.18	19.10
		50	0	17.72	18.27	18.52	18.27	18.25	19.10
		50	25	18.03	18.15	17.89	17.89	18.23	19.10
		50	50	17.89	17.86	17.68	17.80	18.18	19.10
		100	0	17.76	18.28	18.47	18.26	18.16	19.10
	16QAM	1	0	18.02	18.15	17.88	18.10	18.15	19.10
		1	50	17.83	17.95	17.60	17.80	18.40	19.10
		1	99	17.81	18.28	18.58	18.17	18.10	19.10
		50	0	17.98	18.22	17.87	18.03	18.12	19.10
		50	25	17.81	18.06	17.61	17.88	18.28	19.10
		50	50	17.72	18.22	18.56	18.25	18.15	19.10
		100	0	17.96	18.28	17.79	18.13	18.15	19.10
	64QAM	1	0	17.82	17.96	17.61	17.90	18.29	19.10
		1	50	17.73	18.10	18.63	18.20	18.14	19.10
		1	99	17.89	18.19	17.88	18.06	18.17	19.10
		50	0	17.91	17.93	17.51	17.87	18.33	19.10

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		50	25	17.73	18.06	18.76	18.14	18.21	19.10
		50	50	17.84	18.18	17.98	18.17	18.05	19.10
		100	0	17.84	17.90	17.52	17.96	18.25	19.10

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### 3 Conducted Power of Main Antenna (Ant4)

#### 3.1 Conducted Power of LTE

LTE Band 4 State1/2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.27	23.05	23.19	24.00
		1	2	23.16	23.26	23.28	24.00
		1	5	23.20	23.25	23.05	24.00
		3	0	22.86	22.83	22.61	24.00
		3	2	22.79	22.93	22.57	24.00
		3	3	22.64	22.81	22.71	24.00
		6	0	22.86	22.83	22.61	23.50
	16QAM	1	0	22.79	22.93	22.57	23.50
		1	2	22.64	22.81	22.71	23.50
		1	5	22.91	22.94	22.71	23.50
		3	0	22.62	22.33	22.82	23.50
		3	2	22.54	22.93	23.12	23.50
		3	3	22.72	22.86	22.54	23.50
		6	0	21.49	21.22	21.28	23.00
	64QAM	1	0	21.49	21.30	21.21	23.00
		1	2	21.31	21.27	21.39	23.00
		1	5	21.32	21.24	21.22	23.00
		3	0	22.06	21.80	21.97	23.00
		3	2	22.28	22.44	22.30	23.00
		3	3	22.42	22.42	21.11	23.00
		6	0	21.34	21.16	21.28	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.28	23.03	23.20	24.00
		1	7	23.10	23.37	23.22	24.00
		1	14	23.18	23.36	23.04	24.00
		8	0	22.83	22.89	22.65	23.50
		8	4	22.80	22.85	22.63	23.50
		8	7	22.67	22.84	22.78	23.50
		15	0	22.85	22.93	22.74	23.50
	16QAM	1	0	22.67	22.42	22.89	23.50
		1	7	22.67	22.81	23.12	23.50
		1	14	22.69	22.93	22.52	23.50
		8	0	21.35	21.25	21.18	23.00
		8	4	21.17	21.24	21.18	23.00
		8	7	21.07	21.32	21.39	23.00
		15	0	21.34	21.20	21.22	23.00
	64QAM	1	0	22.07	21.85	22.07	23.00
		1	7	22.39	22.46	22.31	23.00
		1	14	22.31	22.48	21.13	23.00
		8	0	21.27	21.29	21.34	22.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	8	4	21.11	21.25	21.28	22.00	
		8	7	21.02	21.31	21.21	22.00	
		15	0	21.26	21.39	21.26	22.00	
		1	0	23.21	23.06	23.21	24.00	
		1	13	23.18	23.29	23.26	24.00	
		1	24	23.22	23.31	23.10	24.00	
	16QAM	12	0	22.82	22.84	22.71	23.50	
		12	6	22.75	22.91	22.62	23.50	
		12	13	22.71	22.87	22.82	23.50	
		25	0	22.95	22.89	22.80	23.50	
		1	0	22.65	22.36	22.95	23.50	
		1	13	22.55	22.92	23.05	23.50	
	64QAM	1	24	22.78	22.97	22.52	23.50	
		12	0	21.37	21.29	21.32	23.00	
		12	6	21.23	21.29	21.23	23.00	
		12	13	21.05	21.32	21.39	23.00	
		25	0	21.26	21.29	21.21	23.00	
		1	0	21.91	21.90	22.06	23.00	
	10MHz	QPSK	1	13	22.38	22.45	22.31	23.00
			1	24	22.31	22.52	21.23	23.00
			12	0	21.36	21.19	21.34	22.00
			12	6	21.04	21.27	21.18	22.00
			12	13	21.02	21.42	21.35	22.00
			25	0	21.22	21.36	21.41	22.00
16QAM		1	0	23.18	23.05	23.27	24.00	
		1	25	23.21	23.34	23.26	24.00	
		1	49	23.27	23.38	23.12	24.00	
		25	0	22.83	22.87	22.63	23.50	
		25	13	22.78	22.93	22.63	23.50	
		25	25	22.67	22.84	22.74	23.50	
64QAM	50	0	22.90	22.91	22.84	23.50		
	1	0	22.58	22.45	22.90	23.50		
	1	25	22.62	22.92	23.04	23.50		
	1	49	22.70	22.93	22.52	23.50		
	25	0	21.32	21.30	21.21	23.00		
	25	13	21.31	21.34	21.31	23.00		
10MHz	64QAM	25	25	21.17	21.26	21.32	23.00	
		50	0	21.38	21.25	21.27	23.00	
		1	0	22.00	21.90	22.12	23.00	
		1	25	22.39	22.36	22.17	23.00	
		1	49	22.29	22.43	21.21	23.00	
10MHz	64QAM	25	0	21.31	21.17	21.30	22.00	
		25	13	21.06	21.18	21.31	22.00	

Bandwidth	Modulation	25	25	21.07	21.34	21.29	22.00
		50	0	21.22	21.28	21.33	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.25	22.96	23.26	24.00
		1	38	23.07	23.38	23.23	24.00
		1	74	23.20	23.31	23.07	24.00
		36	0	22.83	22.90	22.55	23.50
		36	18	22.79	22.96	22.57	23.50
		36	39	22.65	22.94	22.81	23.50
		75	0	22.83	22.94	22.86	23.50
	16QAM	1	0	22.64	22.39	22.94	23.50
		1	38	22.56	22.79	23.09	23.50
		1	74	22.80	22.96	22.57	23.50
		36	0	21.29	21.27	21.18	23.00
		36	18	21.17	21.18	21.26	23.00
		36	39	21.19	21.32	21.23	23.00
		75	0	21.35	21.18	21.19	23.00
	64QAM	1	0	22.00	21.88	21.96	23.00
		1	38	22.36	22.33	22.27	23.00
		1	74	22.37	22.45	21.15	23.00
		36	0	21.28	21.22	21.23	22.00
		36	18	21.03	21.26	21.20	22.00
		36	39	21.05	21.30	21.27	22.00
		75	0	21.23	21.27	21.27	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.30	23.03	23.25	24.00
		1	50	23.19	23.36	23.34	24.00
		1	99	23.26	23.35	23.12	24.00
		50	0	22.90	22.90	22.68	23.50
		50	25	22.83	22.94	22.68	23.50
		50	50	22.69	22.92	22.82	23.50
		100	0	22.92	22.92	22.84	23.50
	16QAM	1	0	22.66	22.43	22.92	23.50
		1	50	22.66	22.91	23.09	23.50
		1	99	22.79	22.98	22.61	23.50
		50	0	21.41	21.34	21.31	23.00
		50	25	21.28	21.31	21.29	23.00
		50	50	21.18	21.31	21.36	23.00
		100	0	21.38	21.28	21.32	23.00
	64QAM	1	0	22.04	21.92	22.09	23.00
		1	50	22.41	22.44	22.29	23.00
		1	99	22.42	22.55	21.21	23.00
		50	0	21.38	21.28	21.36	22.00
		50	25	21.15	21.28	21.31	22.00
		50	50	21.12	21.42	21.34	22.00

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		100	0	21.33	21.37	21.39	22.00
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LTE Band 4 State3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	21.82	21.57	21.71	22.50	
		1	2	21.58	21.91	21.72	22.50	
		1	5	21.79	21.85	21.53	22.50	
		3	0	21.68	21.56	21.70	22.50	
		3	2	21.67	21.81	21.80	22.50	
		3	3	21.88	21.85	21.42	22.50	
	16QAM	1	0	21.74	21.91	21.87	22.50	
		1	2	21.62	21.88	21.81	22.50	
		1	5	21.89	21.84	21.81	22.50	
		3	0	21.88	21.44	21.90	22.50	
		3	2	21.82	22.03	21.70	22.50	
		3	3	21.92	22.09	21.53	22.50	
	64QAM	6	0	21.40	21.24	21.23	22.50	
		1	0	21.21	21.34	21.28	22.50	
		1	2	21.11	21.28	21.25	22.50	
		1	5	21.32	21.28	20.99	22.50	
		3	0	21.41	21.34	21.54	22.50	
		3	2	21.78	22.06	21.54	22.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19965	20175	20385	
	3MHz	QPSK	1	0	21.72	21.63	21.73	22.50
1			7	21.68	21.85	21.74	22.50	
1			14	21.79	21.98	21.55	22.50	
8			0	21.90	21.81	21.84	22.50	
8			4	21.85	21.89	21.85	22.50	
8			7	21.59	21.98	21.82	22.50	
15			0	21.84	21.95	21.94	22.50	
16QAM		1	0	21.73	21.51	21.83	22.50	
		1	7	21.82	22.09	21.70	22.50	
		1	14	22.00	22.06	21.52	22.50	
		8	0	21.27	21.24	21.28	22.50	
		8	4	21.18	21.42	21.23	22.50	
		8	7	21.20	21.27	21.33	22.50	
		15	0	21.25	21.27	21.06	22.50	
64QAM		1	0	21.52	21.26	21.55	22.50	
		1	7	21.85	21.93	21.53	22.50	
		1	14	21.55	21.94	21.25	22.50	
		8	0	21.34	21.25	21.34	22.00	
		8	4	21.09	21.42	21.40	22.00	
8		7	20.88	21.31	21.36	22.00		

Bandwidth	Modulation	15	0	21.16	21.36	21.19	22.00
		RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	21.83	21.55	21.70	22.50
		1	13	21.57	21.85	21.77	22.50
		1	24	21.82	21.90	21.53	22.50
		12	0	21.91	21.85	21.92	22.50
		12	6	21.79	21.94	21.91	22.50
		12	13	21.61	21.85	21.84	22.50
		25	0	21.82	21.94	21.95	22.50
	16QAM	1	0	21.78	21.43	21.83	22.50
		1	13	21.75	21.88	21.70	22.50
		1	24	22.05	21.93	21.49	22.50
		12	0	21.25	21.24	21.31	22.50
		12	6	21.29	21.40	21.17	22.50
		12	13	21.13	21.41	21.37	22.50
		25	0	21.30	21.33	21.00	22.50
	64QAM	1	0	21.48	21.34	21.61	22.50
		1	13	21.81	22.07	21.52	22.50
		1	24	21.51	22.08	21.32	22.50
		12	0	21.34	21.18	21.42	22.00
		12	6	20.99	21.37	21.26	22.00
		12	13	20.90	21.42	21.41	22.00
		25	0	21.32	21.30	21.27	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.72	21.68	21.79	22.50
		1	25	21.64	21.77	21.71	22.50
		1	49	21.87	21.83	21.44	22.50
		25	0	21.84	21.77	21.85	22.50
		25	13	21.74	21.82	21.86	22.50
		25	25	21.61	21.98	21.87	22.50
		50	0	21.88	21.93	21.89	22.50
	16QAM	1	0	21.83	21.42	21.86	22.50
		1	25	21.88	22.07	21.63	22.50
		1	49	21.98	22.09	21.46	22.50
		25	0	21.26	21.33	21.32	22.50
		25	13	21.16	21.43	21.17	22.50
		25	25	21.19	21.40	21.23	22.50
		50	0	21.35	21.24	21.04	22.50
	64QAM	1	0	21.55	21.26	21.54	22.50
		1	25	21.78	21.94	21.55	22.50
		1	49	21.56	21.94	21.33	22.50
		25	0	21.21	21.24	21.37	22.00
		25	13	21.08	21.43	21.32	22.00
		25	25	20.87	21.41	21.41	22.00
		50	0	21.32	21.32	21.18	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	21.78	21.70	21.81	22.50
		1	38	21.58	21.85	21.86	22.50
		1	74	21.73	21.94	21.55	22.50
		36	0	21.93	21.72	21.83	22.50
		36	18	21.85	21.97	21.87	22.50
		36	39	21.61	21.83	21.81	22.50
		75	0	21.83	21.81	21.93	22.50
	16QAM	1	0	21.79	21.48	21.79	22.50
		1	38	21.84	22.00	21.54	22.50
		1	74	21.95	22.04	21.41	22.50
		36	0	21.32	21.23	21.32	22.50
		36	18	21.25	21.45	21.21	22.50
		36	39	21.17	21.32	21.23	22.50
		75	0	21.30	21.28	21.06	22.50
	64QAM	1	0	21.42	21.31	21.63	22.50
		1	38	21.81	21.97	21.58	22.50
		1	74	21.58	22.00	21.18	22.50
		36	0	21.20	21.16	21.28	22.00
		36	18	21.02	21.46	21.35	22.00
		36	39	20.94	21.33	21.34	22.00
		75	0	21.26	21.38	21.25	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	21.81	21.67	21.83	22.50
		1	50	21.68	21.90	21.83	22.50
		1	99	21.85	21.96	21.55	22.50
		50	0	21.92	21.85	21.92	22.50
		50	25	21.82	21.95	21.89	22.50
		50	50	21.71	21.96	21.89	22.50
		100	0	21.95	21.92	21.92	22.50
	16QAM	1	0	21.86	21.54	21.89	22.50
		1	50	21.87	22.12	21.67	22.50
		1	99	22.04	22.06	21.50	22.50
		50	0	21.38	21.36	21.32	22.50
		50	25	21.27	21.42	21.28	22.50
		50	50	21.18	21.40	21.36	22.50
		100	0	21.35	21.34	21.10	22.50
	64QAM	1	0	21.53	21.31	21.60	22.50
		1	50	21.84	22.05	21.55	22.50
		1	99	21.58	22.07	21.31	22.50
		50	0	21.32	21.22	21.39	22.00
		50	25	21.10	21.43	21.38	22.00
		50	50	20.95	21.42	21.42	22.00
		100	0	21.29	21.42	21.27	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	21.81	21.67	21.83	22.50
		1	50	21.68	21.90	21.83	22.50
		1	99	21.85	21.96	21.55	22.50
		50	0	21.92	21.85	21.92	22.50
		50	25	21.82	21.95	21.89	22.50
		50	50	21.71	21.96	21.89	22.50
		100	0	21.95	21.92	21.92	22.50
	16QAM	1	0	21.86	21.54	21.89	22.50
		1	50	21.87	22.12	21.67	22.50
		1	99	22.04	22.06	21.50	22.50
		50	0	21.38	21.36	21.32	22.50
		50	25	21.27	21.42	21.28	22.50
		50	50	21.18	21.40	21.36	22.50
		100	0	21.35	21.34	21.10	22.50
	64QAM	1	0	21.53	21.31	21.60	22.50
		1	50	21.84	22.05	21.55	22.50
		1	99	21.58	22.07	21.31	22.50
		50	0	21.32	21.22	21.39	22.00
		50	25	21.10	21.43	21.38	22.00
		50	50	20.95	21.42	21.42	22.00
		100	0	21.29	21.42	21.27	22.00

LTE Band 4 State4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	22.65	22.60	22.84	23.50	
		1	2	22.52	22.75	22.77	23.50	
		1	5	22.46	22.66	22.58	23.50	
		3	0	22.67	22.52	22.90	23.50	
		3	2	22.50	22.66	22.84	23.50	
		3	3	22.50	22.61	22.51	23.50	
	16QAM	6	0	22.92	22.84	22.76	23.50	
		1	0	22.59	22.95	22.72	23.50	
		1	2	22.54	22.85	22.71	23.50	
		1	5	22.82	22.83	22.73	23.50	
		3	0	22.75	21.93	22.85	23.50	
		3	2	22.58	22.86	22.48	23.50	
	64QAM	3	3	22.70	22.87	21.92	23.50	
		6	0	21.20	21.27	21.36	23.00	
		1	0	21.25	21.24	21.26	23.00	
		1	2	21.14	21.45	21.35	23.00	
		1	5	21.34	21.25	21.29	23.00	
		3	0	22.32	22.02	22.32	23.00	
	3MHz	QPSK	3	2	22.30	22.55	22.44	23.00
			3	3	22.25	22.42	21.96	23.00
	6		0	21.33	20.96	21.31	22.00	
3MHz	QPSK		1	0	22.71	22.57	22.88	23.50
			1	7	22.54	22.61	22.85	23.50
			1	14	22.53	22.64	22.52	23.50
			8	0	22.90	22.77	22.77	23.50
		8	4	22.61	22.83	22.83	23.50	
		8	7	22.59	22.92	22.80	23.50	
		15	0	22.84	22.94	22.84	23.50	
	16QAM	1	0	22.73	21.91	22.75	23.50	
		1	7	22.50	23.01	22.43	23.50	
		1	14	22.70	22.87	21.91	23.50	
		8	0	21.33	21.35	21.37	23.00	
		8	4	21.15	21.34	21.27	23.00	
		8	7	21.04	21.48	21.30	23.00	
		15	0	21.28	21.27	21.30	23.00	
64QAM	1	0	22.38	21.97	22.33	23.00		
	1	7	22.30	22.52	22.46	23.00		
	1	14	22.22	22.40	21.97	23.00		
	8	0	21.27	21.01	21.20	22.00		
	8	4	21.04	21.28	21.19	22.00		
	8	7	21.05	21.25	21.36	22.00		

Bandwidth	Modulation	15	0	21.11	21.25	21.30	22.00
		RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	22.68	22.52	22.83	23.50
		1	13	22.51	22.66	22.84	23.50
		1	24	22.42	22.64	22.55	23.50
		12	0	22.81	22.83	22.78	23.50
		12	6	22.59	22.83	22.80	23.50
		12	13	22.60	22.90	22.79	23.50
		25	0	22.75	22.88	22.82	23.50
	16QAM	1	0	22.63	21.85	22.71	23.50
		1	13	22.56	22.87	22.55	23.50
		1	24	22.66	22.91	21.82	23.50
		12	0	21.24	21.28	21.28	23.00
		12	6	21.18	21.37	21.26	23.00
		12	13	21.06	21.42	21.35	23.00
		25	0	21.40	21.25	21.26	23.00
	64QAM	1	0	22.39	21.90	22.27	23.00
		1	13	22.32	22.46	22.47	23.00
		1	24	22.38	22.39	21.91	23.00
		12	0	21.29	21.11	21.21	22.00
		12	6	21.11	21.33	21.31	22.00
		12	13	20.91	21.35	21.37	22.00
		25	0	21.19	21.26	21.28	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	22.66	22.58	22.88	23.50
		1	25	22.54	22.70	22.76	23.50
		1	49	22.46	22.62	22.55	23.50
		25	0	22.86	22.81	22.90	23.50
		25	13	22.68	22.82	22.75	23.50
		25	25	22.65	22.84	22.70	23.50
		50	0	22.89	22.88	22.77	23.50
	16QAM	1	0	22.71	21.86	22.86	23.50
		1	25	22.52	23.01	22.57	23.50
		1	49	22.71	22.99	21.81	23.50
		25	0	21.27	21.27	21.32	23.00
		25	13	21.10	21.32	21.24	23.00
		25	25	21.01	21.36	21.39	23.00
		50	0	21.32	21.34	21.33	23.00
	64QAM	1	0	22.27	21.99	22.25	23.00
		1	25	22.27	22.50	22.34	23.00
		1	49	22.22	22.37	21.92	23.00
		25	0	21.30	21.06	21.35	22.00
		25	13	21.09	21.29	21.23	22.00
		25	25	20.94	21.29	21.37	22.00
		50	0	21.26	21.39	21.32	22.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.72	22.65	22.89	23.50
		1	38	22.51	22.71	22.80	23.50
		1	74	22.57	22.63	22.57	23.50
		36	0	22.85	22.82	22.88	23.50
		36	18	22.71	22.92	22.81	23.50
		36	39	22.67	22.92	22.71	23.50
		75	0	22.77	22.78	22.73	23.50
	16QAM	1	0	22.62	21.98	22.76	23.50
		1	38	22.49	22.97	22.55	23.50
		1	74	22.65	23.00	21.78	23.50
		36	0	21.21	21.29	21.30	23.00
		36	18	21.23	21.37	21.27	23.00
		36	39	21.07	21.47	21.38	23.00
		75	0	21.42	21.28	21.28	23.00
	64QAM	1	0	22.37	22.04	22.36	23.00
		1	38	22.21	22.55	22.36	23.00
		1	74	22.29	22.47	21.85	23.00
		36	0	21.41	21.12	21.35	22.00
		36	18	21.13	21.26	21.18	22.00
		36	39	20.94	21.30	21.40	22.00
		75	0	21.24	21.28	21.26	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	22.75	22.64	22.87	23.50
		1	50	22.60	22.73	22.83	23.50
		1	99	22.55	22.71	22.59	23.50
		50	0	22.91	22.84	22.87	23.50
		50	25	22.70	22.93	22.84	23.50
		50	50	22.65	22.97	22.82	23.50
		100	0	22.88	22.91	22.82	23.50
	16QAM	1	0	22.74	21.98	22.83	23.50
		1	50	22.58	22.99	22.56	23.50
		1	99	22.70	22.99	21.90	23.50
		50	0	21.33	21.35	21.34	23.00
		50	25	21.23	21.36	21.29	23.00
		50	50	21.13	21.46	21.40	23.00
		100	0	21.39	21.37	21.33	23.00
	64QAM	1	0	22.38	22.02	22.37	23.00
		1	50	22.31	22.54	22.47	23.00
		1	99	22.35	22.48	21.97	23.00
		50	0	21.39	21.09	21.32	22.00
		50	25	21.13	21.36	21.31	22.00
		50	50	21.02	21.36	21.39	22.00
		100	0	21.24	21.38	21.31	22.00

LTE Band 7 State1/2				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	21.49	21.84	21.11	22.50	
		1	13	21.31	21.73	21.26	22.50	
		1	24	21.58	21.24	21.42	22.50	
		12	0	21.57	21.79	21.07	22.50	
		12	6	21.71	21.63	21.15	22.50	
		12	13	21.64	21.37	21.18	22.50	
	16QAM	25	0	21.60	21.61	21.28	22.50	
		1	0	21.57	22.06	21.49	22.50	
		1	13	21.88	22.00	21.62	22.50	
		1	24	21.86	21.45	21.54	22.50	
		12	0	20.96	21.14	20.71	22.50	
		12	6	21.18	21.15	20.96	22.50	
	64QAM	12	13	21.13	20.86	20.98	22.50	
		25	0	21.14	21.06	20.92	22.50	
		1	0	21.41	21.81	21.21	22.50	
		1	13	21.62	21.93	21.53	22.50	
		1	24	21.51	21.33	21.64	22.50	
		12	0	21.12	21.19	20.82	22.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20800	21100	21400	
	10MHz	QPSK	1	0	21.62	21.84	21.25	22.50
1			25	21.48	21.65	21.32	22.50	
1			49	21.56	21.30	21.51	22.50	
25			0	21.54	21.65	21.05	22.50	
25			13	21.58	21.74	21.29	22.50	
25			25	21.68	21.41	21.18	22.50	
50			0	21.59	21.66	21.28	22.50	
16QAM		1	0	21.57	21.96	21.46	22.50	
		1	25	21.85	22.05	21.58	22.50	
		1	49	22.00	21.53	21.60	22.50	
		25	0	20.96	21.16	20.75	22.50	
		25	13	21.17	21.03	20.84	22.50	
		25	25	21.19	20.88	20.83	22.50	
		50	0	21.16	21.10	20.82	22.50	
64QAM		1	0	21.53	21.79	21.29	22.50	
		1	25	21.63	21.91	21.47	22.50	
		1	49	21.41	21.30	21.65	22.50	
		25	0	21.04	21.21	20.83	22.00	
		25	13	21.12	21.08	20.81	22.00	
		25	25	21.18	20.97	20.87	22.00	

Bandwidth	Modulation	50	0	21.11	21.02	20.89	22.00
		RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	21.56	21.73	21.16	22.50
		1	38	21.38	21.73	21.31	22.50
		1	74	21.54	21.31	21.47	22.50
		36	0	21.57	21.80	21.09	22.50
		36	18	21.74	21.68	21.29	22.50
		36	39	21.61	21.50	21.30	22.50
		75	0	21.68	21.65	21.29	22.50
	16QAM	1	0	21.56	22.01	21.44	22.50
		1	38	21.85	21.96	21.60	22.50
		1	74	21.85	21.47	21.63	22.50
		36	0	20.98	21.23	20.85	22.50
		36	18	21.24	21.09	20.90	22.50
		36	39	21.20	20.97	20.85	22.50
		75	0	21.09	21.04	20.89	22.50
	64QAM	1	0	21.48	21.80	21.33	22.50
		1	38	21.64	21.90	21.49	22.50
		1	74	21.51	21.40	21.63	22.50
		36	0	21.06	21.28	20.79	22.00
		36	18	21.15	21.18	20.85	22.00
		36	39	21.17	20.92	20.94	22.00
		75	0	21.16	21.13	20.88	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.61	21.82	21.13	22.50
		1	50	21.11	21.77	21.39	22.50
		1	99	21.60	21.34	21.49	22.50
		50	0	21.64	21.77	21.18	22.50
		50	25	21.71	21.72	21.28	22.50
		50	50	21.74	21.47	21.31	22.50
		100	0	21.66	21.70	21.33	22.50
	16QAM	1	0	21.69	22.05	21.55	22.50
		1	50	21.94	22.02	21.71	22.50
		1	99	21.98	21.54	21.65	22.50
		50	0	21.09	21.26	20.84	22.50
		50	25	21.21	21.16	20.95	22.50
		50	50	21.22	20.99	20.96	22.50
		100	0	21.18	21.10	20.89	22.50
	64QAM	1	0	21.51	21.88	21.34	22.50
		1	50	21.74	22.01	21.60	22.50
		1	99	21.50	21.43	21.67	22.50
		50	0	21.15	21.26	20.85	22.00
		50	25	21.21	21.19	20.91	22.00
		50	50	21.23	21.01	20.98	22.00
		100	0	21.21	21.13	20.89	22.00

LTE Band 7 State3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	19.11	19.21	19.00	20.00	
		1	13	19.18	18.61	18.88	20.00	
		1	24	19.10	18.28	18.59	20.00	
		12	0	19.12	19.21	19.01	20.00	
		12	6	19.15	19.12	19.06	20.00	
		12	13	19.20	19.02	18.98	20.00	
	16QAM	25	0	19.16	19.17	19.05	20.00	
		1	0	19.43	19.01	19.07	20.00	
		1	13	19.61	19.20	18.72	20.00	
		1	24	19.63	19.05	19.29	20.00	
		12	0	19.08	19.33	18.96	20.00	
		12	6	19.17	19.26	19.10	20.00	
	64QAM	12	13	19.15	19.02	19.15	20.00	
		25	0	19.27	19.17	19.03	20.00	
		1	0	18.87	18.86	18.73	20.00	
		1	13	18.87	18.83	18.47	20.00	
		1	24	18.85	18.74	18.72	20.00	
		12	0	19.15	19.24	19.13	20.00	
	10MHz	QPSK	12	6	19.23	19.20	19.11	20.00
			12	13	19.28	19.17	19.02	20.00
			25	0	19.14	19.12	18.98	20.00
1			0	19.09	19.29	19.01	20.00	
1			25	19.30	18.63	18.85	20.00	
1			49	19.22	18.32	18.57	20.00	
16QAM		25	0	19.26	19.30	19.14	20.00	
		25	13	19.16	19.12	19.09	20.00	
		25	25	19.26	19.01	18.97	20.00	
		50	0	19.14	19.20	19.09	20.00	
		1	0	19.57	19.16	19.06	20.00	
		1	25	19.67	19.14	18.81	20.00	
64QAM	1	49	19.56	19.03	19.31	20.00		
	25	0	19.12	19.18	18.96	20.00		
	25	13	19.19	19.24	19.04	20.00		
	25	25	19.28	19.05	19.11	20.00		
	50	0	19.14	19.28	19.01	20.00		
10MHz	64QAM	1	0	18.86	18.91	18.76	20.00	
		1	25	18.80	18.82	18.44	20.00	
		1	49	18.81	18.78	18.77	20.00	
		25	0	19.15	19.19	18.97	20.00	
		25	13	19.21	19.25	19.07	20.00	

Bandwidth	Modulation	25	25	19.19	19.08	19.04	20.00
		50	0	19.10	19.26	18.99	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.05	19.30	18.96	20.00
		1	38	19.17	18.66	18.87	20.00
		1	74	19.12	18.37	18.58	20.00
		36	0	19.12	19.21	19.02	20.00
		36	18	19.29	19.06	19.17	20.00
		36	39	19.26	19.06	19.02	20.00
		75	0	19.12	19.29	19.03	20.00
	16QAM	1	0	19.50	19.04	19.06	20.00
		1	38	19.59	19.09	18.87	20.00
		1	74	19.59	19.01	19.20	20.00
		36	0	19.05	19.27	19.09	20.00
		36	18	19.23	19.24	19.11	20.00
		36	39	19.30	19.06	19.07	20.00
		75	0	19.12	19.24	19.10	20.00
	64QAM	1	0	18.91	18.89	18.74	20.00
		1	38	18.87	18.83	18.39	20.00
		1	74	18.87	18.80	18.64	20.00
		36	0	19.11	19.22	19.02	20.00
		36	18	19.20	19.19	19.16	20.00
		36	39	19.25	19.08	19.13	20.00
		75	0	19.17	19.22	19.08	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	19.16	19.31	19.09	20.00
		1	50	19.28	18.71	18.96	20.00
		1	99	19.21	18.40	18.69	20.00
		50	0	19.24	19.30	19.12	20.00
		50	25	19.28	19.12	19.16	20.00
		50	50	19.28	19.14	19.08	20.00
		100	0	19.24	19.27	19.11	20.00
	16QAM	1	0	19.55	19.13	19.04	20.00
		1	50	19.66	19.17	18.85	20.00
		1	99	19.60	19.07	19.33	20.00
		50	0	19.18	19.31	19.09	20.00
		50	25	19.22	19.25	19.13	20.00
		50	50	19.27	19.15	19.12	20.00
		100	0	19.25	19.27	19.07	20.00
	64QAM	1	0	18.96	18.94	18.81	20.00
		1	50	18.90	18.94	18.46	20.00
		1	99	18.86	18.85	18.77	20.00
		50	0	19.23	19.27	19.10	20.00
		50	25	19.23	19.23	19.14	20.00
		50	50	19.25	19.15	19.11	20.00

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		100	0	19.23	19.24	19.09	20.00
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LTE Band 7 State4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	20.54	20.19	20.01	21.50	
		1	13	20.54	20.18	20.09	21.50	
		1	24	20.46	19.99	19.85	21.50	
		12	0	20.59	20.75	20.52	21.50	
		12	6	20.75	20.66	20.61	21.50	
		12	13	20.67	20.65	20.45	21.50	
	16QAM	25	0	20.77	20.76	20.47	21.50	
		1	0	20.37	20.40	20.11	21.50	
		1	13	20.44	20.38	20.44	21.50	
		1	24	20.42	20.37	20.32	21.50	
		12	0	20.64	20.69	20.52	21.50	
		12	6	20.66	20.62	20.61	21.50	
	64QAM	12	13	20.70	20.52	20.48	21.50	
		25	0	20.75	20.73	20.46	21.50	
		1	0	19.98	20.14	20.26	21.50	
		1	13	19.90	19.86	20.26	21.50	
		1	24	19.90	19.85	20.36	21.50	
		12	0	20.66	20.75	20.58	21.50	
	10MHz	QPSK	12	6	20.73	20.71	20.59	21.50
			12	13	20.79	20.58	20.52	21.50
			25	0	20.63	20.59	20.49	21.50
1			0	20.58	20.16	20.10	21.50	
1			25	20.54	20.25	20.02	21.50	
1			49	20.55	20.04	19.83	21.50	
16QAM		25	0	20.71	20.67	20.62	21.50	
		25	13	20.74	20.72	20.59	21.50	
		25	25	20.77	20.63	20.51	21.50	
		50	0	20.77	20.77	20.49	21.50	
		1	0	20.27	20.37	20.14	21.50	
		1	25	20.36	20.28	20.33	21.50	
64QAM	1	49	20.42	20.51	20.27	21.50		
	25	0	20.67	20.75	20.44	21.50		
	25	13	20.79	20.72	20.55	21.50		
	25	25	20.76	20.56	20.55	21.50		
	50	0	20.69	20.70	20.49	21.50		
	1	0	20.03	20.01	20.21	21.50		
10MHz	64QAM	1	25	19.86	19.92	20.30	21.50	
		1	49	19.97	19.89	20.34	21.50	
		25	0	20.61	20.68	20.45	21.50	
		25	13	20.75	20.68	20.51	21.50	
		25	25	20.79	20.55	20.50	21.50	

Bandwidth	Modulation	50	0	20.77	20.72	20.43	21.50
		RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	20.61	20.18	20.03	21.50
		1	38	20.68	20.21	20.16	21.50
		1	74	20.49	20.13	19.94	21.50
		36	0	20.67	20.76	20.64	21.50
		36	18	20.71	20.65	20.58	21.50
		36	39	20.65	20.53	20.57	21.50
		75	0	20.73	20.65	20.52	21.50
	16QAM	1	0	20.27	20.36	20.16	21.50
		1	38	20.37	20.33	20.31	21.50
		1	74	20.31	20.46	20.33	21.50
		36	0	20.64	20.77	20.40	21.50
		36	18	20.76	20.65	20.53	21.50
		36	39	20.70	20.54	20.61	21.50
		75	0	20.72	20.67	20.58	21.50
	64QAM	1	0	20.03	20.17	20.21	21.50
		1	38	19.89	19.90	20.14	21.50
		1	74	19.92	19.87	20.24	21.50
		36	0	20.61	20.66	20.52	21.50
		36	18	20.78	20.64	20.55	21.50
		36	39	20.75	20.63	20.48	21.50
		75	0	20.68	20.61	20.58	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20.63	20.25	20.08	21.50
		1	50	20.67	20.27	20.15	21.50
		1	99	20.59	20.10	19.94	21.50
		50	0	20.72	20.78	20.61	21.50
		50	25	20.78	20.72	20.64	21.50
		50	50	20.78	20.64	20.54	21.50
		100	0	20.78	20.76	20.59	21.50
	16QAM	1	0	20.37	20.47	20.23	21.50
		1	50	20.47	20.40	20.44	21.50
		1	99	20.40	20.49	20.38	21.50
		50	0	20.71	20.78	20.52	21.50
		50	25	20.76	20.72	20.61	21.50
		50	50	20.79	20.64	20.59	21.50
		100	0	20.74	20.72	20.58	21.50
	64QAM	1	0	20.08	20.14	20.29	21.50
		1	50	19.89	19.89	20.27	21.50
		1	99	20.03	19.98	20.33	21.50
		50	0	20.72	20.76	20.57	21.50
		50	25	20.78	20.71	20.62	21.50
		50	50	20.79	20.62	20.57	21.50
		100	0	20.74	20.72	20.56	21.50



LTE Band 66 State1/2				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	23.46	23.41	22.96	24.10	
		1	2	22.97	23.33	23.22	24.10	
		1	5	23.06	23.11	23.21	24.10	
		3	0	23.43	23.49	22.98	24.10	
		3	1	22.93	23.23	23.16	24.10	
		3	3	23.13	23.02	22.95	24.10	
	16QAM	1	0	22.31	22.93	22.87	23.60	
		1	2	22.15	22.70	22.84	23.60	
		1	5	22.48	22.70	22.83	23.60	
		3	0	22.79	22.76	22.76	23.60	
		3	1	22.46	22.61	22.99	23.60	
		3	3	22.34	22.25	22.15	23.60	
	64QAM	6	0	21.55	21.39	21.21	23.10	
		1	0	21.15	21.26	21.30	23.10	
		1	2	21.10	21.43	21.42	23.10	
		1	5	21.13	21.44	21.20	23.10	
		3	0	22.17	21.92	22.06	23.10	
		3	1	22.05	22.27	22.35	23.10	
	3MHz	QPSK	3	3	22.26	21.85	21.91	23.10
			6	0	21.24	21.41	21.30	22.10
	16QAM		1	0	23.38	23.41	23.00	24.10
1			7	23.00	23.25	23.15	24.10	
1			14	23.05	22.99	22.76	24.10	
8			0	22.35	22.88	22.80	23.60	
8			4	22.39	22.84	22.80	23.60	
8		7	22.27	22.67	22.92	23.60		
15		0	22.35	22.70	22.88	23.60		
64QAM	1	0	22.69	22.79	22.74	23.60		
	1	7	22.39	22.60	23.01	23.60		
	1	14	22.36	22.12	22.06	23.60		
	8	0	21.42	21.31	21.23	23.10		
	8	4	21.15	21.28	21.25	23.10		
64QAM	8	7	21.16	21.40	21.37	23.10		
	15	0	21.26	21.41	21.26	23.10		
	1	0	22.19	21.93	22.00	23.10		
	1	7	21.98	22.35	22.37	23.10		
	1	14	22.18	21.75	21.80	23.10		
3MHz	64QAM	8	0	21.21	21.37	21.32	22.10	
		8	4	20.78	21.36	21.17	22.10	

Bandwidth	Modulation	8	7	20.70	21.09	21.18	22.10	
		15	0	21.08	21.24	21.19	22.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	23.37	23.49	23.07	24.10	
		1	13	22.90	23.32	23.16	24.10	
		1	24	23.00	23.06	22.84	24.10	
		12	0	22.43	22.83	22.84	23.60	
		12	6	22.44	22.89	22.90	23.60	
		12	13	22.19	22.61	22.86	23.60	
		25	0	22.33	22.78	22.81	23.60	
	16QAM	1	0	22.71	22.72	22.67	23.60	
		1	13	22.52	22.67	22.96	23.60	
		1	24	22.44	22.24	22.16	23.60	
		12	0	21.46	21.28	21.28	23.10	
		12	6	21.17	21.26	21.40	23.10	
		12	13	21.32	21.35	21.41	23.10	
		25	0	21.12	21.41	21.17	23.10	
	64QAM	1	0	22.22	22.07	22.03	23.10	
		1	13	21.97	22.25	22.43	23.10	
		1	24	22.21	21.89	21.77	23.10	
		12	0	21.25	21.39	21.27	22.10	
		12	6	20.70	21.38	21.20	22.10	
		12	13	20.59	21.16	21.16	22.10	
		25	0	20.98	21.30	21.28	22.10	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	1	0	23.40	23.40	23.09	24.10
1			25	23.06	23.29	23.18	24.10	
1			49	23.07	23.02	22.84	24.10	
25			0	22.44	22.79	22.84	23.60	
25			13	22.29	22.80	22.89	23.60	
25			25	22.19	22.70	22.84	23.60	
50			0	22.42	22.82	22.90	23.60	
16QAM		1	0	22.79	22.65	22.63	23.60	
		1	25	22.44	22.64	22.90	23.60	
		1	49	22.36	22.14	22.20	23.60	
		25	0	21.50	21.26	21.18	23.10	
		25	13	21.24	21.31	21.38	23.10	
		25	25	21.17	21.35	21.27	23.10	
		50	0	21.21	21.30	21.29	23.10	
64QAM		1	0	22.19	21.99	21.99	23.10	
		1	25	22.11	22.28	22.31	23.10	
		1	49	22.17	21.82	21.90	23.10	
		25	0	21.10	21.31	21.26	22.10	
		25	13	20.74	21.29	21.31	22.10	
		25	25	20.63	21.19	21.27	22.10	

Bandwidth	Modulation	RB size	RB offset	21.03	21.28	21.22	22.10	
				Channel	Channel	Channel	Tune up	
15MHz	QPSK	50	0	132047	132322	132597		
		1	0	23.37	23.46	22.96	24.10	
		1	38	23.04	23.28	23.23	24.10	
		1	74	23.01	23.02	22.78	24.10	
		36	0	22.32	22.85	22.81	23.60	
		36	18	22.31	22.84	22.90	23.60	
		36	39	22.13	22.68	22.88	23.60	
	16QAM	75	0	22.36	22.70	22.79	23.60	
		1	0	22.74	22.71	22.69	23.60	
		1	38	22.38	22.76	22.89	23.60	
		1	74	22.38	22.16	22.10	23.60	
		36	0	21.47	21.31	21.27	23.10	
		36	18	21.22	21.26	21.27	23.10	
		36	39	21.17	21.40	21.32	23.10	
	64QAM	75	0	21.24	21.32	21.27	23.10	
		1	0	22.22	21.92	22.08	23.10	
		1	38	22.06	22.31	22.34	23.10	
		1	74	22.16	21.78	21.92	23.10	
		36	0	21.19	21.35	21.29	22.10	
		36	18	20.81	21.44	21.22	22.10	
		36	39	20.67	21.08	21.27	22.10	
	75	0	21.02	21.27	21.18	22.10		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
20MHz	QPSK	1	0	23.44	23.50	23.07	24.10	
		1	50	23.03	23.30	23.26	24.10	
		1	99	23.13	23.12	22.86	24.10	
		50	0	22.43	22.86	22.87	23.60	
		50	25	22.41	22.93	22.92	23.60	
		50	50	22.24	22.74	22.90	23.60	
		100	0	22.45	22.81	22.92	23.60	
	16QAM	1	0	22.82	22.78	22.73	23.60	
		1	50	22.49	22.73	23.02	23.60	
		1	99	22.42	22.23	22.18	23.60	
		50	0	21.53	21.36	21.31	23.10	
		50	25	21.28	21.34	21.37	23.10	
		50	50	21.19	21.40	21.39	23.10	
		100	0	21.17	21.41	21.27	23.10	
	64QAM	1	0	22.22	22.05	22.06	23.10	
		1	50	22.08	22.34	22.42	23.10	
		1	99	22.25	21.88	21.89	23.10	
		50	0	21.22	21.44	21.32	22.10	
		50	25	20.78	21.42	21.30	22.10	
		50	50	20.67	21.16	21.27	22.10	
		100	0	21.05	21.33	21.25	22.10	

LTE Band 66 State3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	21.96	22.01	21.47	22.60	
		1	2	21.53	21.93	21.82	22.60	
		1	5	21.45	21.66	21.71	22.60	
		3	0	21.69	21.77	21.52	22.60	
		3	1	21.50	21.91	21.61	22.60	
		3	3	21.49	21.68	21.61	22.60	
	16QAM	6	0	22.04	21.94	21.80	22.60	
		1	0	21.33	22.09	21.89	22.60	
		1	2	21.36	21.78	21.89	22.60	
		1	5	21.71	21.89	21.93	22.60	
		3	0	22.18	21.95	21.16	22.60	
		3	1	21.23	21.78	22.11	22.60	
	64QAM	3	3	21.77	21.22	21.49	22.60	
		6	0	21.47	21.34	21.29	22.60	
		1	0	20.96	21.35	21.50	22.60	
		1	2	20.75	21.36	21.36	22.60	
		1	5	21.12	21.31	21.22	22.60	
		3	0	22.02	21.49	21.52	22.60	
	3MHz	QPSK	3	1	21.45	21.49	22.01	22.60
			3	3	21.42	21.23	21.38	22.60
			6	0	20.91	21.32	21.28	22.10
1			0	21.88	22.00	21.52	22.60	
1			7	21.47	21.90	21.90	22.60	
1			14	21.49	21.71	21.70	22.60	
16QAM		8	0	21.93	21.89	21.79	22.60	
		8	4	21.45	21.96	21.88	22.60	
		8	7	21.33	21.85	21.82	22.60	
		15	0	21.63	21.98	21.87	22.60	
		1	0	22.20	22.03	21.15	22.60	
		1	7	21.30	21.80	22.12	22.60	
64QAM	1	14	21.80	21.23	21.47	22.60		
	8	0	21.47	21.38	21.38	22.60		
	8	4	20.93	21.34	21.42	22.60		
	8	7	20.82	21.36	21.28	22.60		
	15	0	21.23	21.34	21.30	22.60		
	1	0	22.00	21.57	21.53	22.60		
64QAM	1	7	20.90	21.48	21.98	22.60		
	1	14	20.81	21.36	21.38	22.60		
	8	0	21.21	21.37	21.34	22.10		
	8	4	20.90	21.38	21.31	22.10		
	8	4	20.90	21.38	21.31	22.10		

Bandwidth	Modulation	8	7	20.60	21.03	21.33	22.10	
		15	0	20.89	21.24	21.29	22.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	21.89	21.97	21.52	22.60	
		1	13	21.54	21.82	21.79	22.60	
		1	24	21.50	21.65	21.63	22.60	
		12	0	21.92	21.93	21.87	22.60	
		12	6	21.42	22.00	21.93	22.60	
		12	13	21.39	21.82	21.85	22.60	
		25	0	21.72	22.00	21.94	22.60	
	16QAM	1	0	22.25	21.91	21.25	22.60	
		1	13	21.19	21.86	22.04	22.60	
		1	24	21.66	21.19	21.43	22.60	
		12	0	21.48	21.35	21.26	22.60	
		12	6	20.97	21.36	21.42	22.60	
		12	13	20.81	21.23	21.28	22.60	
		25	0	21.17	21.36	21.19	22.60	
	64QAM	1	0	22.01	21.59	21.49	22.60	
		1	13	20.92	21.49	22.00	22.60	
		1	24	20.74	21.26	21.31	22.60	
		12	0	21.24	21.40	21.28	22.10	
		12	6	20.86	21.29	21.26	22.10	
		12	13	20.56	21.00	21.27	22.10	
		25	0	21.04	21.32	21.31	22.10	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	1	0	21.96	21.93	21.47	22.60
1			25	21.62	21.95	21.86	22.60	
1			49	21.51	21.56	21.71	22.60	
25			0	21.92	21.85	21.79	22.60	
25			13	21.35	21.94	21.96	22.60	
25			25	21.23	21.92	21.89	22.60	
50			0	21.76	21.87	21.93	22.60	
16QAM		1	0	22.30	21.90	21.11	22.60	
		1	25	21.19	21.79	22.09	22.60	
		1	49	21.68	21.08	21.44	22.60	
		25	0	21.46	21.34	21.29	22.60	
		25	13	20.86	21.23	21.39	22.60	
		25	25	20.80	21.31	21.30	22.60	
		50	0	21.18	21.36	21.28	22.60	
64QAM		1	0	22.02	21.62	21.48	22.60	
		1	25	20.88	21.53	21.93	22.60	
		1	49	20.77	21.21	21.28	22.60	
		25	0	21.32	21.46	21.25	22.10	
		25	13	20.90	21.32	21.39	22.10	
		25	25	20.63	20.97	21.31	22.10	

Bandwidth	Modulation	RB size	RB offset	50	0	20.90	21.37	21.24	22.10
				Channel	Channel	Channel	Tune up		
15MHz	QPSK	1	0	132047	132322	132597			
		1	38	22.00	21.99	21.52	22.60		
		1	74	21.52	21.95	21.83	22.60		
		36	0	21.53	21.61	21.58	22.60		
		36	18	22.05	21.87	21.80	22.60		
		36	39	21.45	22.08	21.94	22.60		
		75	0	21.23	21.83	21.91	22.60		
	16QAM	1	0	21.69	21.91	21.80	22.60		
		1	38	22.26	22.00	21.24	22.60		
		1	74	21.29	21.86	22.18	22.60		
		36	0	21.77	21.13	21.51	22.60		
		36	18	21.43	21.43	21.23	22.60		
		36	18	20.93	21.25	21.44	22.60		
		36	39	20.74	21.35	21.43	22.60		
	64QAM	75	0	21.21	21.36	21.30	22.60		
		1	0	21.96	21.60	21.55	22.60		
		1	38	20.80	21.56	22.03	22.60		
		1	74	20.79	21.24	21.37	22.60		
		36	0	21.34	21.39	21.29	22.10		
		36	18	20.87	21.39	21.41	22.10		
		36	39	20.67	21.06	21.20	22.10		
	Bandwidth	Modulation	RB size	RB offset	132072	132322	132572	Tune up	
					75	0	20.90	21.39	21.25
	20MHz	QPSK	1	0	21.99	22.02	21.60	22.60	
1			50	21.59	21.92	21.89	22.60		
1			99	21.51	21.68	21.68	22.60		
50			0	22.05	21.92	21.90	22.60		
50			25	21.46	22.06	21.94	22.60		
50			50	21.36	21.89	21.95	22.60		
100			0	21.73	21.97	21.92	22.60		
16QAM		1	0	22.30	22.02	21.23	22.60		
		1	50	21.27	21.83	22.15	22.60		
		1	99	21.77	21.21	21.48	22.60		
		50	0	21.51	21.41	21.35	22.60		
		50	25	20.97	21.35	21.47	22.60		
		50	50	20.85	21.36	21.41	22.60		
		100	0	21.21	21.37	21.32	22.60		
64QAM		1	0	22.08	21.62	21.55	22.60		
		1	50	20.91	21.54	22.03	22.60		
		1	99	20.84	21.34	21.35	22.60		
		50	0	21.31	21.43	21.35	22.10		
		50	25	20.89	21.36	21.39	22.10		
		50	50	20.69	21.10	21.32	22.10		
		100	0	21.02	21.37	21.33	22.10		

LTE Band 66 State4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	22.81	22.20	22.36	23.60	
		1	2	22.24	22.73	22.13	23.60	
		1	5	22.33	21.97	22.32	23.60	
		3	0	22.88	22.22	22.35	23.60	
		3	1	22.35	22.68	22.19	23.60	
		3	3	22.36	22.32	22.35	23.60	
	16QAM	1	0	22.37	22.90	22.86	23.60	
		1	2	22.20	22.59	22.88	23.60	
		1	5	22.69	22.99	22.82	23.60	
		3	0	22.79	22.50	21.87	23.60	
		3	1	22.24	22.71	22.32	23.60	
		3	3	22.62	22.00	22.12	23.60	
	64QAM	6	0	21.44	21.45	21.36	23.10	
		1	0	21.45	21.31	21.36	23.10	
		1	2	21.39	21.28	21.35	23.10	
		1	5	21.36	21.29	21.33	23.10	
		3	0	22.22	21.73	22.15	23.10	
		3	1	21.65	21.60	21.93	23.10	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131987	132322	132657	
	3MHz	QPSK	1	0	22.89	22.26	22.50	23.60
1			7	22.20	22.79	22.25	23.60	
1			14	22.21	21.91	21.84	23.60	
8			0	22.90	22.94	22.86	23.60	
8			4	22.42	22.88	22.90	23.60	
8			7	22.21	22.52	22.81	23.60	
15			0	22.63	22.96	22.84	23.60	
16QAM		1	0	22.77	22.57	22.03	23.60	
		1	7	22.24	22.68	22.34	23.60	
		1	14	22.58	22.11	22.20	23.60	
		8	0	21.35	21.39	21.40	23.10	
		8	4	21.32	21.28	21.28	23.10	
		8	7	21.33	21.25	21.30	23.10	
		15	0	21.36	21.30	21.24	23.10	
64QAM		1	0	22.25	21.72	22.06	23.10	
		1	7	21.53	21.65	21.96	23.10	
		1	14	21.68	21.53	21.84	23.10	
		8	0	21.21	21.34	21.36	22.10	
		8	4	20.77	21.36	21.35	22.10	

Bandwidth	Modulation	8	7	20.70	21.12	21.25	22.10	
		15	0	20.99	21.35	21.39	22.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	22.87	22.16	22.48	23.60	
		1	13	22.35	22.67	22.22	23.60	
		1	24	22.31	21.82	21.77	23.60	
		12	0	23.03	22.89	22.93	23.60	
		12	6	22.36	23.01	22.91	23.60	
		12	13	22.25	22.58	22.81	23.60	
		25	0	22.72	23.00	22.86	23.60	
	16QAM	1	0	22.77	22.50	21.95	23.60	
		1	13	22.29	22.67	22.47	23.60	
		1	24	22.64	22.14	22.10	23.60	
		12	0	21.28	21.36	21.29	23.10	
		12	6	21.33	21.36	21.37	23.10	
		12	13	21.36	21.27	21.40	23.10	
		25	0	21.41	21.36	21.32	23.10	
	64QAM	1	0	22.19	21.79	22.21	23.10	
		1	13	21.45	21.61	21.93	23.10	
		1	24	21.61	21.53	21.76	23.10	
		12	0	21.24	21.33	21.31	22.10	
		12	6	20.81	21.36	21.31	22.10	
		12	13	20.60	21.11	21.22	22.10	
		25	0	21.01	21.28	21.36	22.10	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	1	0	22.86	22.22	22.50	23.60
1			25	22.32	22.71	22.23	23.60	
1			49	22.31	21.93	21.73	23.60	
25			0	22.89	22.99	22.94	23.60	
25			13	22.41	23.00	22.95	23.60	
25			25	22.22	22.60	22.78	23.60	
50			0	22.63	22.96	22.91	23.60	
16QAM		1	0	22.79	22.54	21.99	23.60	
		1	25	22.25	22.79	22.43	23.60	
		1	49	22.63	22.02	22.10	23.60	
		25	0	21.32	21.35	21.30	23.10	
		25	13	21.20	21.27	21.31	23.10	
		25	25	21.23	21.45	21.37	23.10	
		50	0	21.36	21.39	21.35	23.10	
64QAM		1	0	22.25	21.81	22.12	23.10	
		1	25	21.54	21.68	21.86	23.10	
		1	49	21.69	21.51	21.86	23.10	
		25	0	21.29	21.29	21.38	22.10	
		25	13	20.73	21.43	21.32	22.10	
		25	25	20.67	21.04	21.22	22.10	



Bandwidth	Modulation	50	0	20.98	21.38	21.29	22.10
		RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	22.94	22.28	22.39	23.60
		1	38	22.29	22.69	22.23	23.60
		1	74	22.20	21.95	21.76	23.60
		36	0	23.04	22.89	22.79	23.60
		36	18	22.42	22.88	22.84	23.60
		36	39	22.23	22.52	22.90	23.60
		75	0	22.63	22.92	22.79	23.60
	16QAM	1	0	22.82	22.52	21.89	23.60
		1	38	22.19	22.73	22.33	23.60
		1	74	22.63	22.12	22.10	23.60
		36	0	21.34	21.36	21.39	23.10
		36	18	21.56	21.30	21.29	23.10
		36	39	21.21	21.20	21.35	23.10
		75	0	21.45	21.36	21.27	23.10
	64QAM	1	0	22.16	21.79	22.18	23.10
		1	38	21.41	21.64	21.95	23.10
		1	74	21.67	21.63	21.80	23.10
		36	0	21.19	21.23	21.36	22.10
		36	18	20.77	21.35	21.41	22.10
		36	39	20.60	21.11	21.24	22.10
		75	0	20.93	21.38	21.24	22.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.93	22.29	22.47	23.60
		1	50	22.32	22.77	22.24	23.60
		1	99	22.33	21.94	21.83	23.60
		50	0	23.01	22.99	22.92	23.60
		50	25	22.43	23.00	22.95	23.60
		50	50	22.32	22.65	22.89	23.60
		100	0	22.70	22.98	22.91	23.60
	16QAM	1	0	22.85	22.54	22.00	23.60
		1	50	22.32	22.79	22.44	23.60
		1	99	22.65	22.12	22.23	23.60
		50	0	21.36	21.45	21.37	23.10
		50	25	21.17	21.40	21.38	23.10
		50	50	21.20	21.25	21.37	23.10
		100	0	21.15	21.38	21.37	23.10
	64QAM	1	0	22.26	21.82	22.18	23.10
		1	50	21.54	21.65	21.96	23.10
		1	99	21.67	21.62	21.88	23.10
		50	0	21.28	21.36	21.40	22.10
		50	25	20.78	21.40	21.44	22.10
		50	50	20.71	21.10	21.23	22.10
		100	0	21.01	21.40	21.36	22.10

LTE Band 38 State1/2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.49	22.42	22.57	23.00
		1	13	22.45	22.47	22.30	23.00
		1	24	22.42	22.48	22.45	23.00
		12	0	22.11	22.06	22.01	22.50
		12	6	22.11	22.12	22.12	22.50
		12	13	22.16	22.12	22.20	22.50
		25	0	22.14	22.06	22.24	22.50
	16QAM	1	0	22.23	22.30	22.39	22.50
		1	13	22.34	22.26	22.25	22.50
		1	24	22.12	22.41	22.21	22.50
		12	0	20.94	20.93	20.90	22.00
		12	6	20.75	20.83	20.82	22.00
		12	13	20.85	20.88	20.72	22.00
		25	0	20.87	20.87	20.76	22.00
	64QAM	1	0	21.48	21.47	21.45	22.00
		1	13	21.42	21.63	21.51	22.00
		1	24	21.40	21.48	21.28	22.00
		12	0	20.78	20.80	20.92	21.00
		12	6	20.87	20.93	20.82	21.00
		12	13	20.83	20.87	20.73	21.00
		25	0	20.74	20.81	20.73	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	22.45	22.38	22.54	23.00
		1	25	22.37	22.58	22.33	23.00
		1	49	22.43	22.48	22.31	23.00
		25	0	22.15	22.11	22.11	22.50
		25	13	22.19	22.18	22.12	22.50
		25	25	22.10	22.08	22.23	22.50
		50	0	22.21	22.15	22.16	22.50
	16QAM	1	0	22.21	22.34	22.34	22.50
		1	25	22.32	22.22	22.22	22.50
		1	49	22.13	22.35	22.09	22.50
		25	0	20.82	20.85	20.88	22.00
		25	13	20.79	20.97	20.79	22.00
		25	25	20.80	20.91	20.81	22.00
		50	0	20.87	20.85	20.87	22.00
	64QAM	1	0	21.54	21.52	21.44	22.00
		1	25	21.40	21.69	21.51	22.00
		1	49	21.41	21.51	21.35	22.00
		25	0	20.78	20.91	20.76	21.00
		25	13	20.82	20.89	20.76	21.00

Bandwidth	Modulation	25	25	20.72	20.80	20.85	21.00	
		50	0	20.88	20.90	20.84	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	22.68	22.34	22.57	23.00	
		1	38	22.43	22.58	22.37	23.00	
		1	74	22.35	22.49	22.38	23.00	
		36	0	22.08	22.08	22.10	22.50	
		36	18	22.08	22.10	22.01	22.50	
		36	39	22.21	22.15	22.23	22.50	
		75	0	22.21	22.12	22.16	22.50	
	16QAM	1	0	22.27	22.29	22.49	22.50	
		1	38	22.30	22.31	22.31	22.50	
		1	74	22.24	22.37	22.09	22.50	
		36	0	20.89	20.89	20.86	22.00	
		36	18	20.78	20.81	20.83	22.00	
		36	39	20.83	20.86	20.86	22.00	
		75	0	20.76	20.92	20.75	22.00	
	64QAM	1	0	21.51	21.39	21.57	22.00	
		1	38	21.54	21.55	21.53	22.00	
		1	74	21.32	21.53	21.39	22.00	
		36	0	20.83	20.88	20.86	21.00	
		36	18	20.79	20.87	20.74	21.00	
		36	39	20.82	20.76	20.80	21.00	
		75	0	20.75	20.83	20.85	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37850	38000	38150	
	20MHz	QPSK	1	0	22.66	22.41	22.55	23.00
1			50	22.50	22.58	22.37	23.00	
1			99	22.46	22.48	22.43	23.00	
50			0	22.15	22.14	22.13	22.50	
50			25	22.19	22.17	22.12	22.50	
50			50	22.18	22.13	22.21	22.50	
100			0	22.24	22.15	22.24	22.50	
16QAM		1	0	22.25	22.39	22.47	22.50	
		1	50	22.39	22.35	22.34	22.50	
		1	99	22.21	22.40	22.19	22.50	
		50	0	20.93	20.91	20.94	22.00	
		50	25	20.88	20.94	20.88	22.00	
		50	50	20.84	20.90	20.83	22.00	
		100	0	20.89	20.92	20.87	22.00	
64QAM		1	0	21.58	21.49	21.55	22.00	
		1	50	21.51	21.66	21.50	22.00	
		1	99	21.39	21.51	21.40	22.00	
		50	0	20.91	20.89	20.89	21.00	
		50	25	20.86	20.93	20.87	21.00	
		50	50	20.84	20.89	20.82	21.00	

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		100	0	20.86	20.91	20.85	21.00
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LTE Band 38 State3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.14	20.23	20.17	21.50
		1	13	20.17	20.11	20.19	21.50
		1	24	20.10	19.96	20.06	21.50
		12	0	20.24	20.16	20.11	21.50
		12	6	20.15	20.23	20.11	21.50
		12	13	20.06	20.17	20.11	21.50
		25	0	20.13	20.13	20.16	21.50
	16QAM	1	0	20.27	20.38	20.17	21.50
		1	13	20.31	20.15	20.33	21.50
		1	24	20.24	20.10	20.21	21.50
		12	0	20.25	20.19	20.14	21.50
		12	6	20.13	20.16	20.10	21.50
		12	13	20.19	20.20	20.21	21.50
		25	0	20.21	20.29	20.09	21.50
	64QAM	1	0	19.76	19.83	19.64	21.50
		1	13	19.85	19.85	19.72	21.50
		1	24	19.78	19.76	19.69	21.50
		12	0	20.13	20.15	20.11	21.00
		12	6	20.25	20.22	20.13	21.00
		12	13	20.21	20.15	20.15	21.00
		25	0	20.13	20.12	20.22	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20.11	20.17	20.16	21.50
		1	25	20.23	20.18	20.06	21.50
		1	49	20.11	19.96	20.13	21.50
		25	0	20.23	20.19	20.05	21.50
		25	13	20.11	20.22	20.23	21.50
		25	25	20.20	20.07	20.19	21.50
		50	0	20.14	20.22	20.15	21.50
	16QAM	1	0	20.25	20.37	20.16	21.50
		1	25	20.23	20.25	20.35	21.50
		1	49	20.23	20.09	20.14	21.50
		25	0	20.27	20.25	20.19	21.50
		25	13	20.17	20.16	20.09	21.50
		25	25	20.14	20.07	20.08	21.50
		50	0	20.13	20.13	20.13	21.50
	64QAM	1	0	19.74	19.79	19.74	21.50
		1	25	19.76	19.82	19.74	21.50
		1	49	19.67	19.76	19.62	21.50
		25	0	20.19	20.21	20.07	21.00
		25	13	20.16	20.16	20.15	21.00
		25	25	20.22	20.25	20.18	21.00

Bandwidth	Modulation	50	0	20.24	20.26	20.18	21.00
		RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	20.19	20.20	20.15	21.50
		1	38	20.15	20.06	20.10	21.50
		1	74	20.09	20.12	20.11	21.50
		36	0	20.20	20.22	20.04	21.50
		36	18	20.25	20.09	20.18	21.50
		36	39	20.22	20.09	20.06	21.50
		75	0	20.14	20.20	20.10	21.50
	16QAM	1	0	20.31	20.24	20.24	21.50
		1	38	20.31	20.24	20.34	21.50
		1	74	20.15	20.23	20.20	21.50
		36	0	20.27	20.27	20.17	21.50
		36	18	20.24	20.20	20.14	21.50
		36	39	20.07	20.08	20.17	21.50
		75	0	20.16	20.25	20.22	21.50
	64QAM	1	0	19.84	19.85	19.67	21.50
		1	38	19.87	19.89	19.73	21.50
		1	74	19.64	19.63	19.78	21.50
		36	0	20.16	20.22	20.10	21.00
		36	18	20.27	20.17	20.11	21.00
		36	39	20.14	20.25	20.11	21.00
		75	0	20.19	20.13	20.17	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	20.18	20.24	20.17	21.50
		1	50	20.22	20.18	20.19	21.50
		1	99	20.13	20.09	20.14	21.50
		50	0	20.23	20.25	20.17	21.50
		50	25	20.24	20.22	20.21	21.50
		50	50	20.19	20.20	20.18	21.50
		100	0	20.22	20.22	20.18	21.50
	16QAM	1	0	20.28	20.35	20.28	21.50
		1	50	20.32	20.28	20.32	21.50
		1	99	20.26	20.20	20.25	21.50
		50	0	20.26	20.28	20.21	21.50
		50	25	20.24	20.20	20.16	21.50
		50	50	20.18	20.18	20.20	21.50
		100	0	20.25	20.26	20.21	21.50
	64QAM	1	0	19.81	19.91	19.76	21.50
		1	50	19.87	19.86	19.83	21.50
		1	99	19.76	19.75	19.75	21.50
		50	0	20.24	20.27	20.20	21.00
		50	25	20.25	20.21	20.21	21.00
		50	50	20.22	20.22	20.20	21.00
		100	0	20.22	20.24	20.20	21.00



LTE Band 41 2496 - 2690 State1/2/4 PC2				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	23.01	23.29	23.55	23.40	23.44	24.40
		1	13	23.46	23.33	23.58	23.30	23.53	24.40
		1	24	23.50	23.58	23.35	23.31	23.34	24.40
		12	0	22.92	22.87	23.16	23.05	22.97	23.90
		12	6	23.03	22.84	23.04	23.14	22.94	23.90
		12	13	22.95	23.07	23.02	22.79	22.95	23.90
		25	0	23.01	22.90	23.02	22.97	22.90	23.90
	16QAM	1	0	23.23	23.04	23.17	23.25	23.23	23.90
		1	13	23.17	23.10	23.29	23.19	22.92	23.90
		1	24	23.01	22.98	23.02	23.10	22.73	23.90
		12	0	21.55	21.70	21.48	21.47	21.48	23.40
		12	6	21.45	21.66	21.50	21.62	21.56	23.40
		12	13	21.41	21.62	21.63	21.70	21.65	23.40
		25	0	21.48	21.56	21.58	21.55	21.52	23.40
	64QAM	1	0	22.37	22.30	22.44	22.49	22.33	23.40
		1	13	22.40	22.52	22.53	22.49	22.32	23.40
		1	24	22.43	22.48	22.34	22.26	22.30	23.40
		12	0	21.42	21.61	21.49	21.44	21.53	22.40
		12	6	21.56	21.60	21.46	21.56	21.54	22.40
		12	13	21.46	21.52	21.41	21.28	21.33	22.40
		25	0	21.45	21.35	21.45	21.50	21.47	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	23.32	23.26	23.49	23.37	23.46	24.40
		1	25	23.47	23.49	23.58	23.40	23.46	24.40
		1	49	23.50	23.59	23.32	23.38	23.35	24.40
		25	0	22.93	22.86	23.15	23.08	22.97	23.90
		25	13	22.95	22.89	23.02	23.08	23.00	23.90
		25	25	23.08	23.09	22.93	22.83	22.91	23.90
		50	0	22.90	23.01	22.96	22.86	22.99	23.90
	16QAM	1	0	23.20	23.13	23.17	23.23	23.15	23.90
		1	25	23.10	23.16	23.37	23.28	22.89	23.90
		1	49	23.09	23.05	22.99	23.01	22.77	23.90
		25	0	21.43	21.64	21.62	21.47	21.51	23.40
		25	13	21.48	21.61	21.62	21.57	21.62	23.40
		25	25	21.50	21.56	21.52	21.69	21.48	23.40
		50	0	21.59	21.43	21.48	21.42	21.55	23.40
	64QAM	1	0	22.32	22.40	22.37	22.38	22.38	23.40
		1	25	22.37	22.49	22.56	22.37	22.45	23.40
		1	49	22.39	22.47	22.23	22.16	22.19	23.40
		25	0	21.45	21.52	21.42	21.43	21.54	22.40
		25	13	21.49	21.52	21.46	21.58	21.50	22.40
		25	25	21.50	21.44	21.49	21.38	21.38	22.40



		50	0	21.56	21.46	21.43	21.48	21.45	22.40
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LTE Band 41 2496 - 2690 State3 PC2				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	23.35	23.33	23.48	23.38	23.22	23.90
		1	13	23.43	23.55	23.52	23.55	23.36	23.90
		1	24	23.48	23.45	23.44	23.36	23.22	23.90
		12	0	23.32	23.28	23.39	23.48	23.25	23.90
		12	6	23.49	23.43	23.46	23.37	23.33	23.90
		12	13	23.47	23.63	23.45	23.44	23.28	23.90
		25	0	23.43	23.38	23.40	23.49	23.24	23.90
	16QAM	1	0	23.22	23.15	23.24	23.45	23.16	23.90
		1	13	23.20	23.18	23.28	23.23	22.96	23.90
		1	24	23.09	22.96	23.01	23.04	22.87	23.90
		12	0	21.51	21.78	21.60	21.53	21.42	23.40
		12	6	21.56	21.67	21.60	21.57	21.62	23.40
		12	13	21.50	21.42	21.68	21.67	21.44	23.40
		25	0	21.59	21.56	21.54	21.49	21.45	23.40
	64QAM	1	0	22.44	22.40	22.34	22.54	22.50	23.40
		1	13	22.44	22.59	22.53	22.49	22.40	23.40
		1	24	22.58	22.52	22.38	22.17	22.35	23.40
		12	0	21.51	21.60	21.42	21.53	21.60	22.40
		12	6	21.56	21.59	21.60	21.60	21.52	22.40
		12	13	21.63	21.53	21.55	21.36	21.52	22.40
		25	0	21.64	21.51	21.61	21.51	21.40	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	23.38	23.31	23.45	23.38	23.25	23.90
		1	25	23.45	23.55	23.50	23.56	23.35	23.90
		1	49	23.48	23.44	23.45	23.37	23.21	23.90
		25	0	23.34	23.28	23.38	23.51	23.28	23.90
		25	13	23.47	23.46	23.43	23.40	23.31	23.90
		25	25	23.48	23.64	23.42	23.44	23.28	23.90
		50	0	23.43	23.36	23.40	23.51	23.26	23.90
	16QAM	1	0	23.24	23.17	23.24	23.44	23.13	23.90
		1	25	23.18	23.15	23.29	23.22	22.94	23.90
		1	49	23.12	22.99	22.98	23.07	22.88	23.90
		25	0	21.48	21.76	21.61	21.55	21.42	23.40
		25	13	21.55	21.65	21.63	21.58	21.64	23.40
		25	25	21.50	21.48	21.68	21.67	21.45	23.40
		50	0	21.57	21.56	21.52	21.50	21.44	23.40
	64QAM	1	0	22.46	22.43	22.37	22.52	22.47	23.40
1		25	22.42	22.61	22.54	22.49	22.40	23.40	
1		49	22.57	22.55	22.38	22.20	22.34	23.40	

		25	0	21.53	21.57	21.43	21.56	21.58	22.40
		25	13	21.59	21.60	21.63	21.59	21.52	22.40
		25	25	21.62	21.55	21.54	21.35	21.50	22.40
		50	0	21.61	21.49	21.58	21.53	21.43	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.41	23.33	23.43	23.35	23.26	23.90
		1	38	23.48	23.52	23.52	23.56	23.33	23.90
		1	74	23.50	23.42	23.43	23.37	23.22	23.90
		36	0	23.36	23.31	23.37	23.51	23.31	23.90
		36	18	23.46	23.48	23.41	23.41	23.28	23.90
		36	39	23.49	23.62	23.39	23.47	23.26	23.90
		75	0	23.42	23.35	23.42	23.50	23.26	23.90
	16QAM	1	0	23.23	23.17	23.23	23.41	23.16	23.90
		1	38	23.16	23.18	23.28	23.25	22.94	23.90
		1	74	23.14	23.01	22.97	23.07	22.87	23.90
		36	0	21.45	21.77	21.58	21.53	21.40	23.40
		36	18	21.53	21.63	21.60	21.61	21.64	23.40
		36	39	21.47	21.49	21.66	21.67	21.48	23.40
		75	0	21.54	21.55	21.54	21.51	21.44	23.40
	64QAM	1	0	22.49	22.44	22.40	22.50	22.48	23.40
		1	38	22.43	22.61	22.55	22.51	22.42	23.40
		1	74	22.55	22.54	22.36	22.21	22.32	23.40
		36	0	21.54	21.60	21.46	21.53	21.59	22.40
		36	18	21.57	21.59	21.64	21.57	21.50	22.40
		36	39	21.62	21.54	21.52	21.37	21.49	22.40
		75	0	21.59	21.49	21.57	21.55	21.46	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.38	23.32	23.43	23.35	23.29	23.90
		1	50	23.49	23.55	23.54	23.53	23.33	23.90
		1	99	23.52	23.45	23.43	23.35	23.25	23.90
		50	0	23.37	23.34	23.40	23.48	23.31	23.90
		50	25	23.43	23.50	23.43	23.38	23.29	23.90
		50	50	23.49	23.59	23.41	23.50	23.23	23.90
		100	0	23.42	23.34	23.40	23.47	23.28	23.90
	16QAM	1	0	23.23	23.17	23.21	23.38	23.18	23.90
		1	50	23.18	23.19	23.31	23.25	22.91	23.90
		1	99	23.13	23.04	22.95	23.09	22.89	23.90
		50	0	21.47	21.74	21.61	21.56	21.42	23.40
		50	25	21.53	21.64	21.61	21.63	21.62	23.40
		50	50	21.50	21.41	21.68	21.65	21.46	23.40
		100	0	21.57	21.56	21.53	21.51	21.47	23.40
	64QAM	1	0	22.49	22.44	22.43	22.47	22.46	23.40
		1	50	22.46	22.63	22.57	22.52	22.42	23.40
		1	99	22.57	22.53	22.33	22.23	22.29	23.40
		50	0	21.51	21.59	21.49	21.52	21.59	22.40

		50	25	21.57	21.60	21.61	21.58	21.47	22.40
		50	50	21.59	21.54	21.50	21.36	21.46	22.40
		100	0	21.56	21.47	21.60	21.57	21.48	22.40

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LTE Band 41 2496 - 2690 State1/2/4 PC3				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	22.79	22.69	22.82	22.89	22.57	23.30
		1	13	22.77	22.63	22.62	22.74	22.76	23.30
		1	24	22.80	22.55	22.67	22.68	22.75	23.30
		12	0	22.28	22.26	22.28	22.11	22.15	22.80
		12	6	22.47	22.19	22.06	22.34	22.17	22.80
		12	13	22.52	22.32	22.08	22.32	22.26	22.80
		25	0	22.38	22.22	22.18	22.28	22.17	22.80
	16QAM	1	0	21.94	21.90	22.00	21.86	21.97	22.80
		1	13	21.95	21.98	21.90	22.07	22.00	22.80
		1	24	22.07	21.70	21.55	21.72	21.62	22.80
		12	0	20.80	20.73	20.84	20.66	20.72	22.30
		12	6	20.88	20.66	20.57	20.77	20.82	22.30
		12	13	20.99	20.73	20.71	20.51	20.64	22.30
		25	0	20.90	20.66	20.87	20.75	20.80	22.30
	64QAM	1	0	21.05	20.96	21.16	20.96	21.00	22.30
		1	13	21.06	21.03	20.78	20.72	20.90	22.30
		1	24	21.56	20.82	20.91	20.84	20.79	22.30
		12	0	20.82	20.71	20.79	20.87	20.82	21.30
		12	6	20.97	20.74	20.79	20.81	20.93	21.30
		12	13	20.87	20.80	20.55	20.51	20.89	21.30
		25	0	21.00	20.79	20.57	20.79	20.89	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	22.74	22.70	22.69	22.75	22.69	23.30
		1	25	22.79	22.59	22.66	22.74	22.64	23.30
		1	49	22.95	22.61	22.65	22.72	22.62	23.30
		25	0	22.45	22.27	22.28	22.27	22.03	22.80
		25	13	22.54	22.30	22.07	22.18	22.09	22.80
		25	25	22.38	22.23	22.20	22.24	22.33	22.80
		50	0	22.51	22.16	22.18	22.37	22.18	22.80
	16QAM	1	0	21.92	21.76	21.87	21.81	21.85	22.80
		1	25	21.95	21.81	21.75	21.97	22.08	22.80
		1	49	22.11	21.79	21.59	21.79	21.60	22.80
		25	0	20.97	20.76	20.80	20.79	20.71	22.30
		25	13	20.93	20.80	20.65	20.96	20.87	22.30
		25	25	20.92	20.70	20.70	20.56	20.74	22.30
		50	0	20.99	20.70	20.85	20.74	20.78	22.30
	64QAM	1	0	20.89	21.01	21.10	20.93	21.01	22.30
		1	25	21.17	20.98	20.84	20.83	20.99	22.30
		1	49	21.66	20.81	20.82	20.96	20.88	22.30
		25	0	20.92	20.87	20.70	20.99	20.89	21.30
		25	13	20.86	20.72	20.79	20.75	20.93	21.30
		25	25	21.03	20.79	20.59	20.69	20.87	21.30

Bandwidth	Modulation	50	0	20.99	20.66	20.61	20.80	20.85	21.30	
		RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
15MHz	QPSK	1	0	39725	40173	40620	41068	41515		
		1	0	22.87	22.68	22.68	22.73	22.59	23.30	
		1	38	22.70	22.73	22.67	22.70	22.61	23.30	
		1	74	22.88	22.60	22.59	22.60	22.77	23.30	
		36	0	22.47	22.20	22.14	22.26	22.17	22.80	
		36	18	22.44	22.26	22.11	22.32	22.15	22.80	
		36	39	22.48	22.12	22.17	22.25	22.24	22.80	
	16QAM	75	0	22.35	22.26	22.17	22.27	22.19	22.80	
		1	0	21.88	21.82	21.98	21.78	21.82	22.80	
		1	38	22.03	21.94	21.82	22.08	21.95	22.80	
		1	74	22.01	21.80	21.71	21.79	21.56	22.80	
		36	0	20.81	20.83	20.82	20.73	20.71	22.30	
		36	18	21.02	20.74	20.69	20.87	20.85	22.30	
		36	39	21.04	20.74	20.70	20.54	20.74	22.30	
	64QAM	75	0	20.96	20.83	20.82	20.75	20.75	22.30	
		1	0	20.94	20.95	21.02	20.93	21.00	22.30	
		1	38	21.18	20.91	20.91	20.83	20.85	22.30	
		1	74	21.55	20.78	20.92	20.94	20.91	22.30	
		36	0	20.87	20.71	20.83	20.85	20.79	21.30	
		36	18	20.96	20.84	20.81	20.74	20.81	21.30	
		36	39	20.93	20.83	20.66	20.63	20.89	21.30	
	75	0	20.89	20.72	20.74	20.65	20.97	21.30		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	22.81	22.70	22.76	22.81	22.59	23.30	
		1	50	22.80	22.67	22.71	22.80	22.66	23.30	
		1	99	22.89	22.65	22.68	22.62	22.70	23.30	
		50	0	22.37	22.24	22.19	22.21	22.12	22.80	
		50	25	22.44	22.23	22.15	22.24	22.18	22.80	
		50	50	22.48	22.22	22.11	22.23	22.32	22.80	
		100	0	22.42	22.23	22.08	22.34	22.22	22.80	
	16QAM	1	0	21.88	21.81	21.96	21.88	21.91	22.80	
		1	50	21.98	21.88	21.82	21.99	21.98	22.80	
		1	99	22.01	21.75	21.61	21.73	21.64	22.80	
		50	0	20.89	20.78	20.75	20.70	20.63	22.30	
		50	25	20.96	20.76	20.62	20.87	20.81	22.30	
		50	50	20.98	20.75	20.78	20.61	20.68	22.30	
		100	0	20.93	20.76	20.83	20.78	20.85	22.30	
	64QAM	1	0	20.98	20.92	21.06	20.99	21.05	22.30	
		1	50	21.12	20.95	20.85	20.81	20.95	22.30	
		1	99	21.59	20.84	20.89	20.86	20.89	22.30	
		50	0	20.90	20.77	20.73	20.89	20.85	21.30	
		50	25	20.93	20.75	20.84	20.73	20.83	21.30	
		50	50	20.97	20.76	20.64	20.61	20.86	21.30	
		100	0	20.94	20.74	20.64	20.72	20.89	21.30	

LTE Band 41 2496 - 2690 State3 PC3				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	21.95	22.08	22.32	22.25	21.93	22.80	
		1	13	22.09	22.19	22.16	22.20	21.96	22.80	
		1	24	21.34	21.56	21.57	21.48	21.28	22.80	
		12	0	22.18	22.01	21.94	22.10	22.07	22.80	
		12	6	22.03	22.19	22.08	22.17	22.16	22.80	
		12	13	22.19	21.95	21.94	22.08	21.99	22.80	
	16QAM	1	0	21.97	21.91	21.79	22.10	21.92	22.80	
		1	13	21.70	21.63	21.73	21.89	21.65	22.80	
		1	24	21.73	21.61	21.84	21.59	21.42	22.80	
		12	0	20.84	20.81	20.96	20.89	20.87	22.30	
		12	6	20.72	20.64	20.81	20.76	20.66	22.30	
		12	13	20.65	20.66	20.66	20.97	20.74	22.30	
	64QAM	1	0	20.84	20.96	20.76	20.81	20.85	22.30	
		1	13	20.96	20.93	20.98	20.85	20.81	22.30	
		1	24	20.82	20.80	20.66	20.94	20.94	22.30	
		12	0	20.82	20.73	20.49	20.63	20.78	21.30	
		12	6	20.96	20.83	20.80	20.76	20.73	21.30	
		12	13	20.95	20.77	20.74	20.87	20.76	21.30	
	25	0	20.68	20.77	20.76	20.82	20.76	21.30		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	22.11	21.98	22.12	22.11	21.95	22.80	
		1	25	22.21	21.94	22.02	21.94	21.92	22.80	
		1	49	21.38	21.48	21.70	21.61	21.50	22.80	
		25	0	22.26	22.02	22.21	22.11	22.09	22.80	
		25	13	21.94	21.98	21.90	22.08	22.09	22.80	
		25	25	22.21	22.09	22.09	22.06	22.15	22.80	
	16QAM	50	0	21.91	22.16	21.99	21.99	21.97	22.80	
		1	0	22.10	21.93	21.78	21.97	22.05	22.80	
		1	25	21.84	21.54	21.66	21.86	21.84	22.80	
		1	49	21.56	21.45	21.71	21.61	21.49	22.80	
		25	0	21.00	20.70	20.89	20.92	20.94	22.30	
		25	13	20.87	20.75	20.81	20.93	20.59	22.30	
	64QAM	25	25	20.85	20.66	20.80	20.76	20.98	22.30	
		50	0	20.78	20.71	20.92	20.92	20.63	22.30	
		1	0	20.97	20.88	20.91	20.74	21.12	22.30	
		1	25	21.16	20.99	20.84	21.00	20.70	22.30	
		1	49	20.80	21.01	20.89	20.72	20.99	22.30	
		25	0	20.75	20.88	20.77	20.78	20.68	21.30	
	25	13	20.73	20.71	20.76	20.56	20.73	21.30		

Bandwidth	Modulation	25	25	20.84	20.80	20.77	20.90	20.91	21.30	
		50	0	20.65	20.71	21.00	20.82	20.78	21.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	QPSK	1	0	21.98	22.03	22.17	22.07	21.83	22.80	
		1	38	22.12	22.18	22.13	22.20	21.89	22.80	
		1	74	21.50	21.44	21.68	21.56	21.28	22.80	
		36	0	22.11	22.10	21.92	22.25	22.20	22.80	
		36	18	22.11	22.04	22.04	22.07	22.08	22.80	
		36	39	22.21	22.00	22.11	22.06	22.03	22.80	
		75	0	22.17	22.13	22.15	21.90	21.97	22.80	
	16QAM	1	0	21.90	21.84	21.85	21.91	21.88	22.80	
		1	38	21.75	21.68	21.82	21.92	21.87	22.80	
		1	74	21.85	21.65	21.68	21.85	21.36	22.80	
		36	0	20.94	20.83	21.05	20.86	20.83	22.30	
		36	18	20.69	20.69	20.91	20.94	20.82	22.30	
		36	39	20.92	20.90	20.72	20.90	20.91	22.30	
		75	0	20.56	20.83	20.83	20.88	20.56	22.30	
	64QAM	1	0	20.92	20.91	20.84	20.76	20.92	22.30	
		1	38	20.98	21.05	20.94	20.97	20.78	22.30	
		1	74	20.91	20.72	20.63	20.97	20.91	22.30	
		36	0	20.76	20.76	20.70	20.77	20.94	21.30	
		36	18	20.84	20.86	20.84	20.68	20.79	21.30	
		36	39	20.88	20.90	20.82	20.80	20.79	21.30	
		75	0	20.65	20.78	20.70	20.82	20.75	21.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
	20MHz	QPSK	1	0	21.98	22.05	22.19	22.13	21.98	22.80
1			50	22.12	22.09	22.11	22.08	21.99	22.80	
1			99	21.47	21.48	21.56	21.48	21.41	22.80	
50			0	22.20	22.08	22.07	22.18	22.10	22.80	
50			25	21.96	22.08	22.04	22.08	22.13	22.80	
50			50	22.07	22.07	22.03	22.12	22.09	22.80	
100			0	22.05	22.05	22.12	22.05	21.95	22.80	
16QAM		1	0	21.97	21.94	21.91	21.97	22.03	22.80	
		1	50	21.79	21.68	21.71	21.82	21.80	22.80	
		1	99	21.70	21.59	21.72	21.70	21.44	22.80	
		50	0	20.92	20.80	20.92	20.78	20.85	22.30	
		50	25	20.74	20.77	20.87	20.87	20.73	22.30	
		50	50	20.78	20.75	20.68	20.86	20.89	22.30	
		100	0	20.64	20.78	20.89	20.84	20.67	22.30	
64QAM		1	0	20.84	20.91	20.84	20.76	20.99	22.30	
		1	50	21.10	20.96	20.90	20.97	20.81	22.30	
		1	99	20.92	20.87	20.77	20.82	20.84	22.30	
		50	0	20.82	20.78	20.63	20.71	20.80	21.30	
		50	25	20.83	20.78	20.75	20.64	20.86	21.30	
		50	50	20.88	20.75	20.79	20.89	20.87	21.30	

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		100	0	20.71	20.77	20.85	20.89	20.78	21.30
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## 4 Conducted Power of Intra Band LTE Uplink CA

### 4.1 Conducted Power of LTE Uplink CA (Ant0)

Combination	Modulation	PCC					SCC					State1		State2/4		State3	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	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	7	20	21048	1	0	22.72	23.50	24.18	25.00	20.14	21.00
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	23.69	23.50	24.25	25.00	20.12	21.00
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	22.68	23.50	24.16	25.00	20.11	21.00
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	22.66	23.50	24.23	25.00	20.13	21.00

Combination	Modulation	PCC					SCC					State1/2/4		State3	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	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	38	20	38048	1	0	23.91	25.00	22.86	24.00
CA_38C	QPSK	38	20	37901	1	99	38	20	38099	1	0	23.96	25.00	22.82	24.00
CA_38C	QPSK	38	20	38099	1	0	38	20	37901	1	99	23.87	25.00	22.77	24.00
CA_38C	QPSK	38	20	38150	1	0	38	20	37952	1	99	23.85	25.00	22.71	24.00

Combination	Modulation	PCC					SCC					State1/2/3/4	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	41	20	39948	1	0	23.80	25.00
CA_41C	QPSK	41	20	40185	1	99	41	20	40383	1	0	23.75	25.00
CA_41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	23.72	25.00
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	23.72	25.00
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	1	99	23.76	25.00
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	23.77	25.00

### 4.2 Conducted Power of LTE Uplink CA (Ant1)

Combination	Modulation	PCC					SCC					State1		State2		State3		State4	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	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	7	20	21048	1	0	18.17	19.50	15.63	17.00	16.21	17.50	14.69	16.00
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	18.25	19.50	15.59	17.00	16.38	17.50	14.78	16.00
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	18.12	19.50	15.57	17.00	16.35	17.50	14.75	16.00
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	18.08	19.50	15.62	17.00	16.18	17.50	14.59	16.00

Combination	Modulation	PCC					SCC					State1		State2		State3		State4	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	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	38	20	38048	1	0	22.99	24.50	19.37	21.00	20.57	22.00	18.49	20.00
CA_38C	QPSK	38	20	37901	1	99	38	20	38099	1	0	22.91	24.50	19.41	21.00	20.65	22.00	18.54	20.00
CA_38C	QPSK	38	20	38099	1	0	38	20	37901	1	99	22.89	24.50	19.38	21.00	20.65	22.00	18.43	20.00
CA_38C	QPSK	38	20	38150	1	0	38	20	37952	1	99	22.95	24.50	19.46	21.00	20.56	22.00	18.51	20.00

Combination	Modulation	PCC					SCC					State1		State2		State3		State4	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	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	41	20	39948	1	0	23.67	24.60	18.89	20.10	21.91	23.10	18.91	19.10
CA_41C	QPSK	41	20	40185	1	99	41	20	40383	1	0	23.65	24.60	18.85	20.10	21.88	23.10	18.95	19.10
CA_41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	23.68	24.60	18.87	20.10	21.88	23.10	18.94	19.10
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	23.63	24.60	18.89	20.10	21.83	23.10	18.97	19.10
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	1	99	23.61	24.60	18.93	20.10	21.78	23.10	18.98	19.10
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	23.60	24.60	18.91	20.10	21.81	23.10	18.94	19.10

### 4.3 Conducted Power of LTE Uplink CA (Ant4)

Combination	Modulation	PCC					SCC					State1/2		State3		State4	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	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	7	20	21048	1	0	21.49	22.50	19.03	20.00	20.50	21.50
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	21.55	22.50	19.02	20.00	20.59	21.50
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	21.43	22.50	19.02	20.00	20.58	21.50
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	21.52	22.50	18.94	20.00	20.52	21.50

Combination	Modulation	PCC					SCC					State1/2/4		State3	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	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	38	20	38048	1	0	22.46	23.00	21.05	21.50
CA_38C	QPSK	38	20	37901	1	99	38	20	38099	1	0	22.45	23.00	21.04	21.50
CA_38C	QPSK	38	20	38099	1	0	38	20	37901	1	99	22.39	23.00	21.03	21.50
CA_38C	QPSK	38	20	38150	1	0	38	20	37952	1	99	22.48	23.00	20.96	21.50

Combination	Modulation	PCC					SCC					State1/2/4		State3	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	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	41	20	39948	1	0	22.80	23.30	22.19	22.80
CA_41C	QPSK	41	20	40185	1	99	41	20	40383	1	0	22.81	23.30	22.18	22.80
CA_41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	22.83	23.30	22.16	22.80
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	22.87	23.30	22.12	22.80
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	1	99	22.83	23.30	22.10	22.80
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	22.78	23.30	22.14	22.80

## 5 Conducted Power of Intra Band LTE Downlink CA

**5.1 Conducted Power of LTE Downlink CA (Ant0)**

DL LTE CA Class State1	PCC							SCC1		Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL # RB	UL RB Offset	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	Tune up
CA_2C	Band 2	20M	1860	18700	QPSK	1	0	Band 2	20M	22.31	22.30	23.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	20M	22.37	22.36	23.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	20M	22.35	22.32	23.30
CA_5B	Band 5	10M	829	20450	QPSK	1	0	Band 5	10M	23.97	24.01	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	10M	24.00	24.08	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 5	10M	24.13	24.18	25.00
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	22.60	22.58	23.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	22.73	22.70	23.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	22.41	22.56	23.50
CA_28C	Band 28	20M	713	20310	QPSK	1	0	Band 28	20M	24.21	24.18	25.00
	Band 28	20M	728	20460	QPSK	1	0	Band 28	20M	24.15	24.10	25.00
	Band 28	20M	738	20560	QPSK	1	0	Band 28	20M	23.87	24.00	25.00
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	24.12	24.19	25.00
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	24.03	24.03	25.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	24.04	24.17	25.00
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	21.74	21.87	22.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	22.02	21.97	22.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	21.81	21.84	22.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	21.86	21.99	22.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	22.03	21.98	22.80
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	21.53	21.66	22.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	21.46	21.53	22.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	21.46	21.56	22.50
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	21.53	21.55	22.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	21.52	21.57	22.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	21.48	21.62	22.50
CA_5A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	24.13	24.18	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	24.21	24.20	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	24.05	24.08	25.00

CA_7A-7A	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 7	5M	22.66	22.62	23.50
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 7	5M	22.60	22.67	23.50
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 7	5M	22.49	22.56	23.50
CA_28A-28A	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 28	20M	24.13	24.13	25.00
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 28	20M	24.21	24.20	25.00
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 28	20M	23.94	24.00	25.00
CA_41A-41A	Ban d 41	20M	2506	39750	QPS K	1	0	Ban d 41	5M	21.76	21.87	22.80
	Ban d 41	20M	2549.5	40185	QPS K	1	0	Ban d 41	5M	21.83	21.82	22.80
	Ban d 41	20M	2593	40620	QPS K	1	0	Ban d 41	5M	21.86	21.81	22.80
	Ban d 41	20M	2636.5	41055	QPS K	1	0	Ban d 41	5M	21.79	21.89	22.80
	Ban d 41	20M	2680	41490	QPS K	1	0	Ban d 41	5M	22.02	22.00	22.80
CA_66A-66A	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 66	5M	21.74	21.69	22.50
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 66	5M	21.50	21.58	22.50
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 66	5M	21.58	21.56	22.50
CA_2A-4A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 4	20M	22.30	22.41	23.30
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 4	20M	22.34	22.38	23.30
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 4	20M	22.28	22.38	23.30
	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 2	20M	21.56	21.52	22.50
	Ban d 4	20M	1732.5	20175	QPS K	1	0	Ban d 2	20M	21.54	21.54	22.50
	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 2	20M	21.45	21.59	22.50
CA_2A-5A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 5	10M	22.29	22.38	23.30
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 5	10M	22.33	22.46	23.30
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 5	10M	22.23	22.31	23.30
	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 2	20M	24.05	24.12	25.00
	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 2	20M	23.95	24.07	25.00
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 2	20M	24.04	24.15	25.00
CA_2A-7A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 7	20M	22.40	22.40	23.30
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 7	20M	22.47	22.47	23.30
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 7	20M	22.20	22.34	23.30
	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 2	20M	22.47	22.60	23.50
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 2	20M	22.62	22.59	23.50
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 2	20M	22.63	22.59	23.50

CA_2A-12A	Band 2	20M	1860	18700	QPSK	1	0	Band 12	15M	22.36	22.42	23.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 12	15M	22.39	22.37	23.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 12	15M	22.34	22.32	23.30
	Band 12	10M	704	23060	QPSK	1	0	Band 2	20M	24.04	24.19	25.00
	Band 12	10M	707.5	23095	QPSK	1	0	Band 2	20M	24.11	24.06	25.00
	Band 12	10M	711	23130	QPSK	1	0	Band 2	20M	24.04	24.06	25.00
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	22.21	22.36	23.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	22.39	22.35	23.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	22.19	22.33	23.30
	Band 26	15M	821.5	26765	QPSK	1	0	Band 2	20M	23.99	24.09	25.00
	Band 26	15M	831.5	26865	QPSK	1	0	Band 2	20M	24.08	24.09	25.00
	Band 26	15M	841.5	26965	QPSK	1	0	Band 2	20M	24.11	24.07	25.00
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	22.29	22.33	23.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	22.32	22.41	23.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	22.50	22.48	23.30
	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	24.16	24.14	25.00
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	23.92	24.05	25.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	24.04	24.14	25.00
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	22.41	22.43	23.30
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	22.23	22.32	23.30
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	22.37	22.34	23.30
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	21.66	21.69	22.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	21.65	21.70	22.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	21.61	21.63	22.50
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	21.50	21.54	22.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	21.46	21.60	22.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	21.38	21.52	22.50
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	23.95	24.01	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	24.08	24.06	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	24.16	24.20	25.00
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	21.70	21.70	22.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	21.65	21.65	22.50

	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	21.58	21.63	22.50
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	22.42	22.53	23.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	22.75	22.70	23.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	22.66	22.70	23.50
CA_4A-12A	Band 4	20M	1720	20050	QPSK	1	0	Band 12	20M	21.38	21.51	22.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	20M	21.61	21.57	22.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 12	20M	21.66	21.66	22.50
	Band 12	10M	704	23060	QPSK	1	0	Band 4	20M	24.00	24.06	25.00
	Band 12	10M	707.5	23095	QPSK	1	0	Band 4	20M	24.22	24.19	25.00
	Band 12	10M	711	23130	QPSK	1	0	Band 4	20M	24.04	24.13	25.00
CA_4A-17A	Band 4	20M	1720	20050	QPSK	1	0	Band 17	20M	21.39	21.54	22.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 17	20M	21.50	21.60	22.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 17	20M	21.59	21.61	22.50
	Band 17	10M	709	23780	QPSK	1	0	Band 4	20M	24.07	24.10	25.00
	Band 17	10M	710	23790	QPSK	1	0	Band 4	20M	24.00	24.07	25.00
	Band 17	10M	711	23800	QPSK	1	0	Band 4	20M	23.99	24.01	25.00
CA_4A-28A	Band 4	20M	1720	20050	QPSK	1	0	Band 28	20M	21.58	21.59	22.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 28	20M	21.55	21.62	22.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 28	20M	21.51	21.52	22.50
	Band 28	20M	713	20310	QPSK	1	0	Band 4	20M	23.95	24.02	25.00
	Band 28	20M	728	20460	QPSK	1	0	Band 4	20M	24.14	24.14	25.00
	Band 28	20M	738	20560	QPSK	1	0	Band 4	20M	24.09	24.12	25.00
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	24.03	24.14	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	23.96	24.10	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	23.98	24.07	25.00
	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	22.43	22.56	23.50
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	22.69	22.64	23.50
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	22.62	22.66	23.50
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	24.00	24.13	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	24.08	24.15	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	24.03	24.12	25.00
	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	21.92	21.88	22.80

	Ban d 41	20M	2549.5	40185	QPS K	1	0	Ban d 5	10M	21.87	21.83	22.80
	Ban d 41	20M	2593	40620	QPS K	1	0	Ban d 5	10M	21.91	21.91	22.80
	Ban d 41	20M	2636.5	41055	QPS K	1	0	Ban d 5	10M	21.74	21.82	22.80
	Ban d 41	20M	2680	41490	QPS K	1	0	Ban d 5	10M	21.78	21.82	22.80
CA_5A-66A	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 66	20M	23.97	24.03	25.00
	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 66	20M	23.88	24.03	25.00
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 66	20M	23.85	24.00	25.00
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 5	10M	21.56	21.64	22.50
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 5	10M	21.57	21.54	22.50
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 5	10M	21.43	21.58	22.50
CA_7A-8A	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 8	10M	22.42	22.50	23.50
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 8	10M	22.47	22.56	23.50
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 8	10M	22.55	22.50	23.50
	Ban d 8	10M	885	21500	QPS K	1	0	Ban d 7	20M	23.96	24.02	25.00
	Ban d 8	10M	897.5	21625	QPS K	1	0	Ban d 7	20M	23.96	24.00	25.00
	Ban d 8	10M	910	21750	QPS K	1	0	Ban d 7	20M	24.03	24.18	25.00
CA_7A-26A	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 26	15M	22.72	22.69	23.50
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 26	15M	22.45	22.59	23.50
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 26	15M	22.62	22.59	23.50
	Ban d 26	15M	821.5	26765	QPS K	1	0	Ban d 7	20M	24.08	24.07	25.00
	Ban d 26	15M	831.5	26865	QPS K	1	0	Ban d 7	20M	24.12	24.14	25.00
	Ban d 26	15M	841.5	26965	QPS K	1	0	Ban d 7	20M	24.03	24.04	25.00
CA_7A-28A	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 28	20M	22.63	22.69	23.50
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 28	20M	22.54	22.64	23.50
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 28	20M	22.42	22.51	23.50
	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 7	20M	24.00	24.03	25.00
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 7	20M	23.94	24.01	25.00
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 7	20M	24.08	24.05	25.00
CA_7A-66A	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 66	20M	22.50	22.50	23.50
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 66	20M	22.55	22.65	23.50
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 66	20M	22.56	22.53	23.50
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 7	20M	21.55	21.63	22.50

	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 7	20M	21.45	21.58	22.50
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 7	20M	21.49	21.50	22.50
CA_12A-66A	Ban d 12	10M	704	23060	QPS K	1	0	Ban d 66	20M	24.17	24.13	25.00
	Ban d 12	10M	707.5	23095	QPS K	1	0	Ban d 66	20M	24.15	24.10	25.00
	Ban d 12	10M	711	23130	QPS K	1	0	Ban d 66	20M	24.06	24.20	25.00
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 12	10M	21.49	21.64	22.50
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 12	10M	21.75	21.70	22.50
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 12	10M	21.47	21.61	22.50
CA_28A-38A	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 38	20M	24.04	24.00	25.00
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 38	20M	24.10	24.05	25.00
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 38	20M	24.16	24.19	25.00
	Ban d 38	20M	2580	37850	QPS K	1	0	Ban d 28	20M	23.96	24.10	25.00
	Ban d 38	20M	2595	38000	QPS K	1	0	Ban d 28	20M	23.94	24.01	25.00
	Ban d 38	20M	2610	38150	QPS K	1	0	Ban d 28	20M	24.05	24.13	25.00
CA_28A-41A	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 41	20M	24.04	24.08	25.00
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 41	20M	24.05	24.06	25.00
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 41	20M	24.10	24.18	25.00
	Ban d 41	20M	2506	39750	QPS K	1	0	Ban d 28	20M	21.70	21.83	22.80
	Ban d 41	20M	2549.5	40185	QPS K	1	0	Ban d 28	20M	21.98	22.00	22.80
	Ban d 41	20M	2593	40620	QPS K	1	0	Ban d 28	20M	22.01	21.96	22.80
	Ban d 41	20M	2636.5	41055	QPS K	1	0	Ban d 28	20M	21.83	21.97	22.80
	Ban d 41	20M	2680	41490	QPS K	1	0	Ban d 28	20M	21.73	21.86	22.80
CA_28A-66A	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 66	20M	24.17	24.19	25.00
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 66	20M	24.08	24.14	25.00
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 66	20M	24.05	24.13	25.00
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 28	20M	21.58	21.55	22.50
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 28	20M	21.40	21.54	22.50
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 28	20M	21.69	21.64	22.50
CA_38A-66A	Ban d 38	20M	2580	37850	QPS K	1	0	Ban d 66	20M	24.07	24.02	25.00
	Ban d 38	20M	2595	38000	QPS K	1	0	Ban d 66	20M	24.14	24.12	25.00
	Ban d 38	20M	2610	38150	QPS K	1	0	Ban d 66	20M	23.97	24.10	25.00
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 38	20M	21.64	21.66	22.50



	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	21.56	21.64	22.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	21.58	21.69	22.50

DL LTE CA Class State2/4	PCC							SCC1		Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL # RB	UL RB Offset	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	Tune up
CA_2C	Band 2	20M	1860	18700	QPSK	1	0	Band 2	20M	22.75	22.85	23.80
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	20M	22.77	22.83	23.80
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	20M	22.75	22.89	23.80
CA_5B	Band 5	10M	829	20450	QPSK	1	0	Band 5	10M	24.02	24.13	25.00
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	10M	24.16	24.14	25.00
	Band 5	10M	844	20600	QPSK	1	0	Band 5	10M	24.10	24.15	25.00
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	24.06	24.09	25.00
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	23.99	24.03	25.00
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	24.09	24.04	25.00
CA_28C	Band 28	20M	713	20310	QPSK	1	0	Band 28	20M	23.95	24.04	25.00
	Band 28	20M	728	20460	QPSK	1	0	Band 28	20M	24.05	24.08	25.00
	Band 28	20M	738	20560	QPSK	1	0	Band 28	20M	24.09	24.17	25.00
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	24.06	24.10	25.00
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	24.06	24.01	25.00
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	23.93	24.00	25.00
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	20.82	20.82	21.80
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	20.93	20.95	21.80
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	20.81	20.82	21.80
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	20.91	20.97	21.80
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	20.81	20.86	21.80
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	24.11	24.12	25.00
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	23.97	24.02	25.00
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	24.05	24.09	25.00
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	23.92	24.06	25.00
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	24.05	24.01	25.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	24.03	24.11	25.00
CA_5A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	23.98	24.00	25.00