

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
		25	0	18.74	19.43	19.50	19.47	19.18	20.10
	16QAM	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
		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
	64QAM	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
		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
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	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
		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
	16QAM	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
		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
	64QAM	1	0	18.83	19.18	18.64	19.03	19.26	20.10
		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	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



		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

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

		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
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	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
		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
	16QAM	1	0	22.65	22.36	22.95	23.50
		1	13	22.55	22.92	23.05	23.50
		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
	64QAM	1	0	21.91	21.90	22.06	23.00
		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
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	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
		50	0	22.90	22.91	22.84	23.50
	16QAM	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
		25	25	21.17	21.26	21.32	23.00
		50	0	21.38	21.25	21.27	23.00
	64QAM	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
		25	0	21.31	21.17	21.30	22.00
		25	13	21.06	21.18	21.31	22.00

		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



		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
		6	0	21.82	21.79	21.91	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
		6	0	21.40	21.24	21.23	22.50
	64QAM	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
		3	3	21.51	22.10	21.20	22.50
		6	0	21.27	21.13	21.26	22.00
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

		15	0	21.16	21.36	21.19	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
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
				20050	20175	20300	
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
		6	0	22.92	22.84	22.76	23.50
	16QAM	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
		3	3	22.70	22.87	21.92	23.50
		6	0	21.20	21.27	21.36	23.00
	64QAM	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
		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
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
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

		15	0	21.11	21.25	21.30	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
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	Channel	Channel	Tune up
				20000	20175	20350	
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
				20050	20175	20300	
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
		25	0	21.60	21.61	21.28	22.50
	16QAM	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
		12	13	21.13	20.86	20.98	22.50
		25	0	21.14	21.06	20.92	22.50
	64QAM	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
		12	6	21.24	21.21	20.89	22.00
		12	13	21.22	20.98	20.90	22.00
		25	0	21.24	21.07	20.78	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

		50	0	21.11	21.02	20.89	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
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
		25	0	19.16	19.17	19.05	20.00
	16QAM	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
		12	13	19.15	19.02	19.15	20.00
		25	0	19.27	19.17	19.03	20.00
	64QAM	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
		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
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	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
		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
	16QAM	1	0	19.57	19.16	19.06	20.00
		1	25	19.67	19.14	18.81	20.00
		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
	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

		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



		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
		25	0	20.77	20.76	20.47	21.50
	16QAM	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
		12	13	20.70	20.52	20.48	21.50
		25	0	20.75	20.73	20.46	21.50
	64QAM	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
		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
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	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
		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
	16QAM	1	0	20.27	20.37	20.14	21.50
		1	25	20.36	20.28	20.33	21.50
		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
	64QAM	1	0	20.03	20.01	20.21	21.50
		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

		50	0	20.77	20.72	20.43	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
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
		6	0	22.39	22.87	22.82	23.60
	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
		6	0	21.55	21.39	21.21	23.10
	64QAM	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
		3	3	22.26	21.85	21.91	23.10
		6	0	21.24	21.41	21.30	22.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	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
	16QAM	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
		8	7	21.16	21.40	21.37	23.10
		15	0	21.26	21.41	21.26	23.10
	64QAM	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
		8	0	21.21	21.37	21.32	22.10
		8	4	20.78	21.36	21.17	22.10

		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

		50	0	21.03	21.28	21.22	22.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	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
		75	0	22.36	22.70	22.79	23.60
	16QAM	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
		75	0	21.24	21.32	21.27	23.10
	64QAM	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
		6	0	22.04	21.94	21.80	22.60
	16QAM	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
		3	3	21.77	21.22	21.49	22.60
		6	0	21.47	21.34	21.29	22.60
	64QAM	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
		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
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	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
		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
	16QAM	1	0	22.20	22.03	21.15	22.60
		1	7	21.30	21.80	22.12	22.60
		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
	64QAM	1	0	22.00	21.57	21.53	22.60
		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	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

		50	0	20.90	21.37	21.24	22.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	22.00	21.99	21.52	22.60
		1	38	21.52	21.95	21.83	22.60
		1	74	21.53	21.61	21.58	22.60
		36	0	22.05	21.87	21.80	22.60
		36	18	21.45	22.08	21.94	22.60
		36	39	21.23	21.83	21.91	22.60
		75	0	21.69	21.91	21.80	22.60
	16QAM	1	0	22.26	22.00	21.24	22.60
		1	38	21.29	21.86	22.18	22.60
		1	74	21.77	21.13	21.51	22.60
		36	0	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
		75	0	21.21	21.36	21.30	22.60
	64QAM	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
		75	0	20.90	21.39	21.25	22.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
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
		6	0	22.92	23.00	22.88	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
		6	0	21.44	21.45	21.36	23.10
	64QAM	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
		3	3	21.71	21.73	21.86	23.10
		6	0	21.24	21.43	21.33	22.10
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

		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

		50	0	20.98	21.38	21.29	22.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
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

		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
				37800	38000	38200	
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

		50	0	20.24	20.26	20.18	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
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



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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

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

		50	0	20.99	20.66	20.61	20.80	20.85	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	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
		75	0	22.35	22.26	22.17	22.27	22.19	22.80
	16QAM	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
		75	0	20.96	20.83	20.82	20.75	20.75	22.30
	64QAM	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
		25	0	22.09	22.14	22.00	22.15	22.05	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
		25	0	20.64	20.84	20.98	20.71	20.73	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
		50	0	21.91	22.16	21.99	21.99	21.97	22.80
	16QAM	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
		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
	64QAM	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

		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



		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	23.5 0
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 7	5M	22.60	22.67	23.5 0
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 7	5M	22.49	22.56	23.5 0
CA_28A- 28A	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 28	20M	24.13	24.13	25.0 0
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 28	20M	24.21	24.20	25.0 0
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 28	20M	23.94	24.00	25.0 0
CA_41A- 41A	Ban d 41	20M	2506	39750	QPS K	1	0	Ban d 41	5M	21.76	21.87	22.8 0
	Ban d 41	20M	2549. 5	40185	QPS K	1	0	Ban d 41	5M	21.83	21.82	22.8 0
	Ban d 41	20M	2593	40620	QPS K	1	0	Ban d 41	5M	21.86	21.81	22.8 0
	Ban d 41	20M	2636. 5	41055	QPS K	1	0	Ban d 41	5M	21.79	21.89	22.8 0
	Ban d 41	20M	2680	41490	QPS K	1	0	Ban d 41	5M	22.02	22.00	22.8 0
CA_66A- 66A	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 66	5M	21.74	21.69	22.5 0
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 66	5M	21.50	21.58	22.5 0
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 66	5M	21.58	21.56	22.5 0
CA_2A-4A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 4	20M	22.30	22.41	23.3 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 4	20M	22.34	22.38	23.3 0
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 4	20M	22.28	22.38	23.3 0
	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 2	20M	21.56	21.52	22.5 0
	Ban d 4	20M	1732. 5	20175	QPS K	1	0	Ban d 2	20M	21.54	21.54	22.5 0
	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 2	20M	21.45	21.59	22.5 0
CA_2A-5A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 5	10M	22.29	22.38	23.3 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 5	10M	22.33	22.46	23.3 0
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 5	10M	22.23	22.31	23.3 0
	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 2	20M	24.05	24.12	25.0 0
	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 2	20M	23.95	24.07	25.0 0
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 2	20M	24.04	24.15	25.0 0
CA_2A-7A	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 7	20M	22.40	22.40	23.3 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 7	20M	22.47	22.47	23.3 0
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 7	20M	22.20	22.34	23.3 0
	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 2	20M	22.47	22.60	23.5 0
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 2	20M	22.62	22.59	23.5 0
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 2	20M	22.63	22.59	23.5 0

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

	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 7	20M	21.58	21.63	22.50
	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 4	20M	22.42	22.53	23.50
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 4	20M	22.75	22.70	23.50
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 4	20M	22.66	22.70	23.50
CA_4A-12A	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 12	20M	21.38	21.51	22.50
	Ban d 4	20M	1732.5	20175	QPS K	1	0	Ban d 12	20M	21.61	21.57	22.50
	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 12	20M	21.66	21.66	22.50
	Ban d 12	10M	704	23060	QPS K	1	0	Ban d 4	20M	24.00	24.06	25.00
	Ban d 12	10M	707.5	23095	QPS K	1	0	Ban d 4	20M	24.22	24.19	25.00
	Ban d 12	10M	711	23130	QPS K	1	0	Ban d 4	20M	24.04	24.13	25.00
CA_4A-17A	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 17	20M	21.39	21.54	22.50
	Ban d 4	20M	1732.5	20175	QPS K	1	0	Ban d 17	20M	21.50	21.60	22.50
	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 17	20M	21.59	21.61	22.50
	Ban d 17	10M	709	23780	QPS K	1	0	Ban d 4	20M	24.07	24.10	25.00
	Ban d 17	10M	710	23790	QPS K	1	0	Ban d 4	20M	24.00	24.07	25.00
	Ban d 17	10M	711	23800	QPS K	1	0	Ban d 4	20M	23.99	24.01	25.00
CA_4A-28A	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 28	20M	21.58	21.59	22.50
	Ban d 4	20M	1732.5	20175	QPS K	1	0	Ban d 28	20M	21.55	21.62	22.50
	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 28	20M	21.51	21.52	22.50
	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 4	20M	23.95	24.02	25.00
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 4	20M	24.14	24.14	25.00
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 4	20M	24.09	24.12	25.00
CA_5A-7A	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 7	20M	24.03	24.14	25.00
	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 7	20M	23.96	24.10	25.00
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 7	20M	23.98	24.07	25.00
	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 5	10M	22.43	22.56	23.50
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 5	10M	22.69	22.64	23.50
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 5	10M	22.62	22.66	23.50
CA_5A-41A	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 41	20M	24.00	24.13	25.00
	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 41	20M	24.08	24.15	25.00
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 41	20M	24.03	24.12	25.00
	Ban d 41	20M	2506	39750	QPS K	1	0	Ban d 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	22.5 0
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 7	20M	21.49	21.50	22.5 0
CA_12A- 66A	Ban d 12	10M	704	23060	QPS K	1	0	Ban d 66	20M	24.17	24.13	25.0 0
	Ban d 12	10M	707.5	23095	QPS K	1	0	Ban d 66	20M	24.15	24.10	25.0 0
	Ban d 12	10M	711	23130	QPS K	1	0	Ban d 66	20M	24.06	24.20	25.0 0
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 12	10M	21.49	21.64	22.5 0
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 12	10M	21.75	21.70	22.5 0
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 12	10M	21.47	21.61	22.5 0
CA_28A- 38A	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 38	20M	24.04	24.00	25.0 0
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 38	20M	24.10	24.05	25.0 0
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 38	20M	24.16	24.19	25.0 0
	Ban d 38	20M	2580	37850	QPS K	1	0	Ban d 28	20M	23.96	24.10	25.0 0
	Ban d 38	20M	2595	38000	QPS K	1	0	Ban d 28	20M	23.94	24.01	25.0 0
	Ban d 38	20M	2610	38150	QPS K	1	0	Ban d 28	20M	24.05	24.13	25.0 0
CA_28A- 41A	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 41	20M	24.04	24.08	25.0 0
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 41	20M	24.05	24.06	25.0 0
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 41	20M	24.10	24.18	25.0 0
	Ban d 41	20M	2506	39750	QPS K	1	0	Ban d 28	20M	21.70	21.83	22.8 0
	Ban d 41	20M	2549. 5	40185	QPS K	1	0	Ban d 28	20M	21.98	22.00	22.8 0
	Ban d 41	20M	2593	40620	QPS K	1	0	Ban d 28	20M	22.01	21.96	22.8 0
	Ban d 41	20M	2636. 5	41055	QPS K	1	0	Ban d 28	20M	21.83	21.97	22.8 0
	Ban d 41	20M	2680	41490	QPS K	1	0	Ban d 28	20M	21.73	21.86	22.8 0
CA_28A- 66A	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 66	20M	24.17	24.19	25.0 0
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 66	20M	24.08	24.14	25.0 0
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 66	20M	24.05	24.13	25.0 0
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 28	20M	21.58	21.55	22.5 0
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 28	20M	21.40	21.54	22.5 0
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 28	20M	21.69	21.64	22.5 0
CA_38A- 66A	Ban d 38	20M	2580	37850	QPS K	1	0	Ban d 66	20M	24.07	24.02	25.0 0
	Ban d 38	20M	2595	38000	QPS K	1	0	Ban d 66	20M	24.14	24.12	25.0 0
	Ban d 38	20M	2610	38150	QPS K	1	0	Ban d 66	20M	23.97	24.10	25.0 0
	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 38	20M	21.64	21.66	22.5 0

	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 38	20M	21.56	21.64	22.5 0
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 38	20M	21.58	21.69	22.5 0

DL LTE CA Class State2/4	PCC							SCC1		Power		
	LTE Ban d	BW (MHz)	UL Freq. (MHz)	UL Channe l	Mod.	UL # RB	UL RB Offse t	LTE Ban d	BW (MHz)	With CA Tx.Powe r (dBm)	W/O CA Tx.Powe r (dBm)	Tune up
CA_2C	Ban d 2	20M	1860	18700	QPS K	1	0	Ban d 2	20M	22.75	22.85	23.8 0
	Ban d 2	20M	1880	18900	QPS K	1	0	Ban d 2	20M	22.77	22.83	23.8 0
	Ban d 2	20M	1900	19100	QPS K	1	0	Ban d 2	20M	22.75	22.89	23.8 0
CA_5B	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 5	10M	24.02	24.13	25.0 0
	Ban d 5	10M	836.5	20525	QPS K	1	0	Ban d 5	10M	24.16	24.14	25.0 0
	Ban d 5	10M	844	20600	QPS K	1	0	Ban d 5	10M	24.10	24.15	25.0 0
CA_7C	Ban d 7	20M	2510	20850	QPS K	1	0	Ban d 7	20M	24.06	24.09	25.0 0
	Ban d 7	20M	2535	21100	QPS K	1	0	Ban d 7	20M	23.99	24.03	25.0 0
	Ban d 7	20M	2560	21350	QPS K	1	0	Ban d 7	20M	24.09	24.04	25.0 0
CA_28C	Ban d 28	20M	713	20310	QPS K	1	0	Ban d 28	20M	23.95	24.04	25.0 0
	Ban d 28	20M	728	20460	QPS K	1	0	Ban d 28	20M	24.05	24.08	25.0 0
	Ban d 28	20M	738	20560	QPS K	1	0	Ban d 28	20M	24.09	24.17	25.0 0
CA_38C	Ban d 38	20M	2580	37850	QPS K	1	0	Ban d 38	20M	24.06	24.10	25.0 0
	Ban d 38	20M	2585. 1	37901	QPS K	1	0	Ban d 38	20M	24.06	24.01	25.0 0
	Ban d 38	20M	2610	38150	QPS K	1	0	Ban d 38	20M	23.93	24.00	25.0 0
CA_41C	Ban d 41	20M	2506	39750	QPS K	1	0	Ban d 41	20M	20.82	20.82	21.8 0
	Ban d 41	20M	2549. 5	40185	QPS K	1	0	Ban d 41	20M	20.93	20.95	21.8 0
	Ban d 41	20M	2593	40620	QPS K	1	0	Ban d 41	20M	20.81	20.82	21.8 0
	Ban d 41	20M	2636. 5	41055	QPS K	1	0	Ban d 41	20M	20.91	20.97	21.8 0
	Ban d 41	20M	2680	41490	QPS K	1	0	Ban d 41	20M	20.81	20.86	21.8 0
CA_66C	Ban d 66	20M	1720	132072	QPS K	1	0	Ban d 66	20M	24.11	24.12	25.0 0
	Ban d 66	20M	1745	132322	QPS K	1	0	Ban d 66	20M	23.97	24.02	25.0 0
	Ban d 66	20M	1770	132572	QPS K	1	0	Ban d 66	20M	24.05	24.09	25.0 0
CA_4A-4A	Ban d 4	20M	1720	20050	QPS K	1	0	Ban d 4	5M	23.92	24.06	25.0 0
	Ban d 4	20M	1732. 5	20175	QPS K	1	0	Ban d 4	5M	24.05	24.01	25.0 0
	Ban d 4	20M	1745	20300	QPS K	1	0	Ban d 4	5M	24.03	24.11	25.0 0
CA_5A-5A	Ban d 5	10M	829	20450	QPS K	1	0	Ban d 5	5M	23.98	24.00	25.0 0