

Bandwidth	Modulation	50	0	21.11	20.74	20.72	20.93	21.05	22.30	
		RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
15MHz	QPSK	1	0	39725	40173	40620	41068	41515		
		1	0	23.21	23.02	23.2	23.14	23.21	24.30	
		1	38	23.17	22.97	22.87	23.01	23.18	24.30	
		1	74	23.09	22.77	23.07	22.87	23.14	24.30	
		36	0	23.02	22.87	22.81	22.82	23.07	24.30	
		36	18	22.97	22.89	22.72	22.9	23.09	24.30	
		36	39	23.02	22.66	22.73	22.78	22.95	24.30	
	16QAM	75	0	23.12	22.76	22.68	22.86	23	24.30	
		1	0	23.29	23.1	22.93	22.91	23.26	24.30	
		1	38	23.24	23	22.84	23	23.33	24.30	
		1	74	23.13	22.93	22.85	23	23.13	24.30	
		36	0	22.01	21.87	21.72	21.82	22.08	23.30	
		36	18	22.02	21.81	21.71	21.77	22.04	23.30	
		36	39	22.02	21.85	21.76	21.91	22	23.30	
	64QAM	75	0	22.04	21.82	21.79	21.79	22.04	23.30	
		1	0	22.32	22.24	21.88	21.82	22.29	23.30	
		1	38	22.37	22.16	21.93	22.06	22.37	23.30	
		1	74	22.26	21.89	21.81	21.93	22.13	23.30	
		36	0	20.97	20.90	20.72	20.90	21.03	22.30	
		36	18	21.06	20.90	20.82	20.88	21.10	22.30	
		36	39	21.11	20.82	20.74	20.91	20.94	22.30	
	75	0	21.04	20.82	20.66	20.89	21.06	22.30		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.25	23.1	23.23	23.12	23.16	24.30	
		1	50	23.2	22.96	23.3	23.04	23.26	24.30	
		1	99	23.07	22.74	23.15	22.87	23.06	24.30	
		50	0	22.99	22.86	23.21	22.78	23.09	24.30	
		50	25	23.04	22.87	22.67	22.86	23.03	24.30	
		50	50	23.03	22.67	22.77	22.81	22.95	24.30	
		100	0	23.07	22.79	22.63	22.8	23.07	24.30	
	16QAM	1	0	23.35	23.1	22.91	22.93	23.3	24.30	
		1	50	23.32	23.05	22.86	23.02	23.31	24.30	
		1	99	23.13	22.85	22.86	23.09	23.12	24.30	
		50	0	21.98	21.9	21.66	21.73	22.09	23.30	
		50	25	22.01	21.85	21.7	21.84	22.08	23.30	
		50	50	22.09	21.8	21.75	21.89	22	23.30	
		100	0	22.06	21.81	21.73	21.86	22.04	23.30	
	64QAM	1	0	22.27	22.18	21.80	21.82	22.32	23.30	
		1	50	22.27	22.15	21.93	22.03	22.37	23.30	
		1	99	22.24	21.85	21.81	21.91	22.15	23.30	
		50	0	20.98	20.93	20.70	20.90	20.98	22.30	
		50	25	21.04	20.83	20.78	20.92	21.01	22.30	
		50	50	21.05	20.78	20.78	20.88	20.94	22.30	
		100	0	21.13	20.73	20.73	20.93	20.99	22.30	

LTE Band 41 PC2 State 2/4/6				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	20.11	20.27	20.04	20.19	20.08	21.30	
		1	13	19.79	20.12	20	20.13	19.96	21.30	
		1	24	19.92	20.05	20.07	20.07	20.07	21.30	
		12	0	20.03	20.25	20.07	20.28	20.14	21.30	
		12	6	20.02	20.1	20.1	20.06	20.07	21.30	
		12	13	20.01	19.98	20.1	20.01	19.98	21.30	
	16QAM	25	0	20.03	20.02	20.09	20.08	20.03	21.30	
		1	0	20.08	20.13	20	20.18	20	21.30	
		1	13	19.73	20.19	19.92	20.14	19.9	21.30	
		1	24	19.88	20.05	20.12	20.02	20.13	21.30	
		12	0	20.08	20.14	19.98	20.19	20	21.30	
		12	6	20.03	19.94	20.04	20.03	20	21.30	
	64QAM	12	13	19.94	20.05	20.01	20.04	19.97	21.30	
		25	0	20.04	20.03	20.03	20.04	20.05	21.30	
		1	0	20.03	20.17	20.06	20.05	20.03	21.30	
		1	13	19.72	20.17	19.89	20.15	19.90	21.30	
		1	24	19.98	20.08	20.05	20.09	20.03	21.30	
		12	0	20.09	20.18	20.06	20.17	20.00	21.30	
	10MHz	QPSK	12	6	19.98	20.06	20.08	20.02	20.02	21.30
			12	13	19.94	20.09	19.99	19.97	20.02	21.30
			25	0	19.99	19.97	20.03	19.99	20.11	21.30
1			0	20.1	20.26	20.13	20.26	20.14	21.30	
1			25	19.81	20.17	20	20.1	20.01	21.30	
1			49	19.94	20.09	20.07	20.04	20.07	21.30	
16QAM		25	0	20	20.29	20.09	20.28	20.06	21.30	
		25	13	20.04	20.09	20.05	20.09	20.09	21.30	
		25	25	19.96	20	20.02	20.06	20.01	21.30	
		50	0	19.98	19.97	20.04	19.98	19.98	21.30	
		1	0	20.03	20.17	20.03	20.15	20.05	21.30	
		1	25	19.77	20.16	19.95	20.09	19.9	21.30	
64QAM	1	49	19.91	20	20.03	20.09	20.11	21.30		
	25	0	20.1	20.18	19.97	20.19	19.93	21.30		
	25	13	20.03	20.01	20.02	19.95	20.07	21.30		
	25	25	19.95	19.98	20.02	19.98	20.06	21.30		
	50	0	20.02	20.09	20.04	20.03	20.05	21.30		
	1	0	20.08	20.16	20.08	20.08	20.01	21.30		
64QAM	1	25	19.68	20.12	19.97	20.15	19.92	21.30		
	1	49	19.92	20.00	20.02	20.04	20.08	21.30		
	25	0	20.03	20.17	20.05	20.16	19.96	21.30		
	25	13	20.07	20.13	20.04	20.02	20.05	21.30		
	25	13	20.07	20.13	20.04	20.02	20.05	21.30		

Bandwidth	Modulation	25	25	19.97	20.01	20.07	20.00	20.09	21.30	
		50	0	20.00	20.03	20.11	19.98	20.11	21.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	QPSK	1	0	20.09	20.31	20.04	20.25	20.07	21.30	
		1	38	19.82	20.18	19.99	20.17	20	21.30	
		1	74	19.84	20.08	20.11	19.99	20.03	21.30	
		36	0	20.01	20.3	20.13	20.28	20.06	21.30	
		36	18	20.1	20.07	20.03	20.12	20.09	21.30	
		36	39	19.98	20.03	20.05	20.05	20.05	21.30	
		75	0	19.95	20.04	20.02	19.99	20	21.30	
	16QAM	1	0	20.06	20.17	20	20.13	20	21.30	
		1	38	19.79	20.2	19.98	20.09	19.92	21.30	
		1	74	19.9	20	20.09	20.05	20.12	21.30	
		36	0	20.09	20.14	19.99	20.22	19.96	21.30	
		36	18	20.08	19.97	20.08	19.94	20.08	21.30	
		36	39	19.99	19.98	20.05	20.01	20.01	21.30	
		75	0	20.01	20.09	20.03	20.05	20.01	21.30	
	64QAM	1	0	20.10	20.19	20.10	20.07	20.10	21.30	
		1	38	19.70	20.13	19.92	20.18	19.91	21.30	
		1	74	19.97	20.01	20.09	20.09	20.08	21.30	
		36	0	20.05	20.15	20.07	20.20	20.02	21.30	
		36	18	20.01	20.08	20.00	20.04	20.05	21.30	
		36	39	19.92	20.03	19.97	19.99	20.07	21.30	
		75	0	20.00	19.98	20.12	19.94	20.06	21.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
	20MHz	QPSK	1	0	20.14	20.25	20.08	20.16	20.14	21.30
1			50	19.8	20.15	19.99	20.17	19.98	21.30	
1			99	19.87	20.09	20.05	20.01	20.05	21.30	
50			0	20	20.27	20.45	20.19	20.1	21.30	
50			25	20.05	20.03	20.03	20.08	20.08	21.30	
50			50	19.99	19.96	20.05	20.03	20.06	21.30	
100			0	20	19.97	20.04	20.04	20.07	21.30	
16QAM		1	0	20.13	20.15	20.06	20.14	20.03	21.30	
		1	50	19.75	20.17	19.94	20.08	19.93	21.30	
		1	99	19.97	20.05	20.12	20.11	20.07	21.30	
		50	0	20.08	20.14	19.96	20.21	20.02	21.30	
		50	25	20.09	19.95	20.12	19.96	20.08	21.30	
		50	50	19.94	20.03	20.1	20.01	20	21.30	
		100	0	20.08	20.06	20	20.03	20	21.30	
64QAM		1	0	20.06	20.10	20.06	20.08	20.06	21.30	
		1	50	19.78	20.15	19.91	20.16	19.99	21.30	
		1	99	19.97	20.10	20.02	20.01	20.01	21.30	
		50	0	20.12	20.09	20.00	20.18	20.05	21.30	
		50	25	20.04	20.09	20.05	20.10	20.10	21.30	
		50	50	19.94	20.03	20.02	19.97	20.04	21.30	

		100	0	19.95	19.97	20.04	19.97	20.11	21.30
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LTE Band 41 PC2 State 3/5				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	22.75	22.61	22.68	22.62	22.73	23.80	
		1	13	22.76	22.49	22.31	22.55	22.76	23.80	
		1	24	22.6	22.33	22.67	22.45	22.56	23.80	
		12	0	22.71	22.59	22.49	22.57	22.74	23.80	
		12	6	22.74	22.55	22.42	22.61	22.78	23.80	
		12	13	22.72	22.35	22.48	22.56	22.65	23.80	
	16QAM	25	0	22.8	22.47	22.37	22.51	22.7	23.80	
		1	0	23.04	22.86	22.57	22.68	23.03	23.80	
		1	13	22.99	22.73	22.54	22.71	23.01	23.80	
		1	24	22.84	22.59	22.59	22.7	22.86	23.80	
		12	0	22	21.86	21.71	21.77	22.15	23.30	
		12	6	21.99	21.82	21.74	21.81	22.1	23.30	
	64QAM	12	13	22.07	21.82	21.8	21.86	21.98	23.30	
		25	0	22.07	21.76	21.8	21.88	22.06	23.30	
		1	0	22.29	22.23	21.83	21.83	22.27	23.30	
		1	13	22.36	22.15	21.97	22.06	22.32	23.30	
		1	24	22.18	21.88	21.83	21.97	22.23	23.30	
		12	0	20.96	20.86	20.72	20.81	21.06	22.30	
	10MHz	QPSK	12	6	21.09	20.86	20.79	20.95	21.08	22.30
			12	13	21.07	20.74	20.72	20.90	20.93	22.30
			25	0	21.14	20.80	20.76	20.89	21.00	22.30
1			0	22.76	22.58	22.74	22.64	22.75	23.80	
1			25	22.68	22.46	22.34	22.51	22.73	23.80	
1			49	22.54	22.24	22.61	22.45	22.61	23.80	
16QAM		25	0	22.71	22.61	22.5	22.54	22.77	23.80	
		25	13	22.67	22.57	22.39	22.55	22.78	23.80	
		25	25	22.71	22.4	22.46	22.48	22.66	23.80	
		50	0	22.82	22.53	22.35	22.5	22.72	23.80	
		1	0	23.08	22.82	22.54	22.69	23.05	23.80	
		1	25	23	22.7	22.53	22.72	22.99	23.80	
64QAM	1	49	22.83	22.55	22.55	22.74	22.85	23.80		
	25	0	22.04	21.88	21.76	21.8	22.11	23.30		
	25	13	22.03	21.81	21.75	21.8	22.05	23.30		
	25	25	22.09	21.81	21.79	21.81	21.99	23.30		
	50	0	22.05	21.82	21.71	21.81	22.07	23.30		
	1	0	22.26	22.20	21.81	21.90	22.34	23.30		
64QAM	1	25	22.35	22.12	21.93	22.11	22.37	23.30		
	1	49	22.25	21.85	21.88	21.93	22.14	23.30		
	25	0	21.00	20.93	20.74	20.87	21.06	22.30		
	25	13	21.00	20.88	20.73	20.93	21.04	22.30		

Bandwidth	Modulation	25	25	21.12	20.74	20.73	20.90	20.94	22.30	
		50	0	21.13	20.77	20.69	20.98	21.06	22.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	QPSK	1	0	22.76	22.59	22.74	22.6	22.75	23.80	
		1	38	22.71	22.55	22.4	22.56	22.73	23.80	
		1	74	22.55	22.25	22.66	22.46	22.66	23.80	
		36	0	22.76	22.55	22.49	22.51	22.84	23.80	
		36	18	22.68	22.52	22.39	22.51	22.71	23.80	
		36	39	22.74	22.36	22.44	22.54	22.64	23.80	
		75	0	22.77	22.46	22.33	22.52	22.79	23.80	
	16QAM	1	0	22.99	22.85	22.63	22.61	23.02	23.80	
		1	38	22.95	22.77	22.53	22.7	23.08	23.80	
		1	74	22.77	22.61	22.52	22.73	22.84	23.80	
		36	0	22	21.9	21.67	21.79	22.09	23.30	
		36	18	22.07	21.81	21.73	21.85	22.06	23.30	
		36	39	22.05	21.81	21.72	21.9	21.98	23.30	
		75	0	22.07	21.79	21.75	21.82	21.98	23.30	
	64QAM	1	0	22.34	22.21	21.81	21.87	22.27	23.30	
		1	38	22.34	22.16	21.94	22.03	22.38	23.30	
		1	74	22.19	21.84	21.82	21.94	22.15	23.30	
		36	0	21.04	20.92	20.77	20.88	21.00	22.30	
		36	18	21.09	20.83	20.78	20.87	21.08	22.30	
		36	39	21.05	20.79	20.70	20.90	20.88	22.30	
		75	0	21.05	20.82	20.75	20.95	21.03	22.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
	20MHz	QPSK	1	0	22.72	22.56	22.72	22.59	22.72	23.80
1			50	22.74	22.47	22.39	22.53	22.68	23.80	
1			99	22.54	22.23	22.57	22.42	22.66	23.80	
50			0	22.77	22.62	22.74	22.60	23.00	23.80	
50			25	22.69	22.62	22.38	22.56	22.73	23.80	
50			50	22.76	22.45	22.43	22.55	22.67	23.80	
100			0	22.74	22.49	22.39	22.51	22.71	23.80	
16QAM		1	0	23.01	22.89	22.57	22.63	23	23.80	
		1	50	23.03	22.71	22.55	22.75	23.07	23.80	
		1	99	22.84	22.6	22.55	22.7	22.88	23.80	
		50	0	21.96	21.92	21.74	21.73	22.08	23.30	
		50	25	21.98	21.86	21.72	21.78	22.00	23.30	
		50	50	22.02	21.78	21.74	21.88	22.03	23.30	
		100	0	22.06	21.81	21.77	21.81	22.05	23.30	
64QAM		1	0	22.27	22.25	21.81	21.85	22.33	23.30	
		1	50	22.34	22.19	21.94	22.03	22.35	23.30	
		1	99	22.23	21.82	21.81	21.89	22.16	23.30	
		50	0	21.05	20.83	20.71	20.85	21.03	22.30	
		50	25	21.04	20.91	20.75	20.86	21.00	22.30	
		50	50	21.03	20.78	20.74	20.89	20.91	22.30	

		100	0	21.09	20.77	20.75	20.93	21.05	22.30
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LTE Band 66 State 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.88	19.98	19.88	20.80
		1	2	19.59	19.91	19.78	20.80
		1	5	19.66	19.85	19.85	20.80
		3	0	19.88	20.01	19.81	20.80
		3	1	19.83	19.82	19.79	20.80
		3	3	19.72	19.81	19.77	20.80
		6	0	19.78	19.82	19.77	20.80
	16QAM	1	0	19.83	19.95	19.82	20.80
		1	2	19.51	19.89	19.77	20.80
		1	5	19.66	19.86	19.86	20.80
		3	0	19.85	19.93	19.77	20.80
		3	1	19.84	19.82	19.79	20.80
		3	3	19.74	19.84	19.81	20.80
		6	0	19.83	19.81	19.80	20.80
	64QAM	1	0	19.79	19.87	19.82	20.80
		1	2	19.52	19.92	19.78	20.80
		1	5	19.67	19.83	19.81	20.80
		3	0	19.87	19.91	19.82	20.80
		3	1	19.82	19.81	19.85	20.80
		3	3	19.75	19.81	19.74	20.80
		6	0	19.80	19.78	19.84	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	19.85	20.00	19.89	20.80
		1	7	19.57	19.94	19.75	20.80
		1	14	19.66	19.81	19.80	20.80
		8	0	19.87	19.97	19.80	20.80
		8	4	19.87	19.83	19.80	20.80
		8	7	19.77	19.82	19.80	20.80
		15	0	19.77	19.78	19.78	20.80
	16QAM	1	0	19.87	19.94	19.82	20.80
		1	7	19.52	19.86	19.77	20.80
		1	14	19.67	19.85	19.87	20.80
		8	0	19.81	19.92	19.77	20.80
		8	4	19.79	19.81	19.79	20.80
		8	7	19.76	19.82	19.81	20.80
		15	0	19.82	19.81	19.80	20.80
	64QAM	1	0	19.81	19.90	19.84	20.80
		1	7	19.53	19.90	19.76	20.80
		1	14	19.68	19.82	19.86	20.80

		8	0	19.84	19.91	19.81	20.80
		8	4	19.81	19.84	19.81	20.80
		8	7	19.76	19.78	19.77	20.80
		15	0	19.79	19.75	19.85	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.84	19.97	19.89	20.80
		1	13	19.57	19.91	19.78	20.80
		1	24	19.69	19.80	19.81	20.80
		12	0	19.85	20.00	19.81	20.80
		12	6	19.83	19.83	19.81	20.80
		12	13	19.76	19.77	19.79	20.80
		25	0	19.78	19.81	19.80	20.80
	16QAM	1	0	19.84	19.94	19.83	20.80
		1	13	19.51	19.89	19.75	20.80
		1	24	19.65	19.85	19.86	20.80
		12	0	19.86	19.94	19.80	20.80
		12	6	19.79	19.78	19.78	20.80
		12	13	19.76	19.80	19.83	20.80
		25	0	19.82	19.81	19.83	20.80
	64QAM	1	0	19.83	19.90	19.84	20.80
		1	13	19.52	19.91	19.76	20.80
		1	24	19.66	19.84	19.84	20.80
		12	0	19.85	19.90	19.79	20.80
		12	6	19.82	19.85	19.83	20.80
		12	13	19.75	19.79	19.77	20.80
		25	0	19.77	19.73	19.86	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.88	19.98	19.88	20.80
		1	25	19.59	19.93	19.75	20.80
		1	49	19.64	19.84	19.85	20.80
		25	0	19.87	20.01	19.80	20.80
		25	13	19.83	19.82	19.80	20.80
		25	25	19.72	19.81	19.78	20.80
		50	0	19.79	19.81	19.77	20.80
	16QAM	1	0	19.84	19.93	19.84	20.80
		1	25	19.52	19.87	19.76	20.80
		1	49	19.64	19.86	19.90	20.80
		25	0	19.85	19.92	19.78	20.80
		25	13	19.83	19.80	19.81	20.80
		25	25	19.75	19.79	19.81	20.80
		50	0	19.81	19.79	19.79	20.80
	64QAM	1	0	19.78	19.89	19.80	20.80
		1	25	19.55	19.92	19.75	20.80
		1	49	19.70	19.80	19.85	20.80
		25	0	19.88	19.90	19.80	20.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	QPSK	25	13	19.80	19.86	19.81	20.80	
		25	25	19.78	19.83	19.78	20.80	
		50	0	19.75	19.76	19.85	20.80	
		1	0	19.85	19.99	19.85	20.80	
		1	38	19.59	19.92	19.76	20.80	
		1	74	19.67	19.81	19.82	20.80	
		36	0	19.89	19.96	19.79	20.80	
	16QAM	36	18	19.83	19.83	19.84	20.80	
		36	39	19.73	19.82	19.81	20.80	
		75	0	19.77	19.82	19.77	20.80	
		1	0	19.87	19.92	19.85	20.80	
		1	38	19.51	19.89	19.76	20.80	
		1	74	19.67	19.86	19.91	20.80	
		36	0	19.81	19.93	19.76	20.80	
	64QAM	36	18	19.82	19.82	19.78	20.80	
		36	39	19.75	19.81	19.78	20.80	
		75	0	19.85	19.80	19.80	20.80	
		1	0	19.81	19.86	19.80	20.80	
		1	38	19.55	19.87	19.74	20.80	
		1	74	19.66	19.81	19.81	20.80	
		36	0	19.87	19.89	19.78	20.80	
	20MHz	QPSK	36	18	19.78	19.83	19.81	20.80
			36	39	19.77	19.80	19.79	20.80
	75		0	19.79	19.78	19.84	20.80	
1	0		19.88	20.06	19.92	20.80		
1	50		19.60	19.91	19.90	20.80		
1	99		19.66	19.80	19.81	20.80		
50	0		19.88	19.97	19.82	20.80		
16QAM	50	25	19.87	19.84	19.80	20.80		
	50	50	19.75	19.80	19.77	20.80		
	100	0	19.80	19.81	19.77	20.80		
	1	0	19.86	19.92	19.83	20.80		
	1	50	19.50	19.90	19.73	20.80		
	1	99	19.66	19.83	19.90	20.80		
	50	0	19.85	19.95	19.77	20.80		
64QAM	50	25	19.79	19.82	19.83	20.80		
	50	50	19.74	19.84	19.82	20.80		
	100	0	19.85	19.83	19.83	20.80		
	1	0	19.80	19.86	19.81	20.80		
	1	50	19.52	19.89	19.76	20.80		
20MHz	64QAM	1	99	19.69	19.82	19.81	20.80	
		50	0	19.86	19.93	19.78	20.80	
		50	25	19.82	19.86	19.84	20.80	

		50	50	19.74	19.83	19.78	20.80
		100	0	19.80	19.74	19.84	20.80

LTE Band 66 State 2/4/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	17.06	17.16	17.05	18.30	
		1	2	16.75	17.14	16.95	18.30	
		1	5	16.84	17.03	17.05	18.30	
		3	0	17.07	17.20	17.02	18.30	
		3	1	17.03	17.03	17.03	18.30	
		3	3	16.95	16.98	17.00	18.30	
	16QAM	6	0	16.97	17.01	17.01	18.30	
		1	0	17.05	17.12	17.02	18.30	
		1	2	16.72	17.06	16.96	18.30	
		1	5	16.85	17.03	17.11	18.30	
		3	0	17.01	17.14	16.96	18.30	
		3	1	17.00	17.01	17.01	18.30	
	64QAM	3	3	16.95	17.04	16.99	18.30	
		6	0	17.01	17.01	17.01	18.30	
		1	0	16.99	17.05	17.02	18.30	
		1	2	16.75	17.10	16.98	18.30	
		1	5	16.90	17.02	17.05	18.30	
		3	0	17.08	17.10	17.03	18.30	
	3MHz	QPSK	3	1	16.97	17.03	17.05	18.30
			3	3	16.94	17.03	16.97	18.30
			6	0	16.99	16.93	17.05	18.30
1			0	17.08	17.17	17.06	18.30	
1			7	16.80	17.09	16.98	18.30	
1			14	16.85	17.03	17.01	18.30	
8			0	17.09	17.17	17.02	18.30	
16QAM		8	4	17.05	17.03	17.04	18.30	
		8	7	16.95	16.99	17.01	18.30	
		15	0	17.00	17.02	17.00	18.30	
		1	0	17.05	17.15	17.05	18.30	
		1	7	16.74	17.07	16.95	18.30	
		1	14	16.87	17.05	17.06	18.30	
		8	0	17.04	17.16	16.97	18.30	
64QAM		8	4	17.00	17.01	16.99	18.30	
	8	7	16.94	17.03	17.00	18.30		
	15	0	17.00	17.00	17.01	18.30		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131987	132322	132657		
3MHz	QPSK	1	0	17.08	17.17	17.06	18.30	
		1	7	16.80	17.09	16.98	18.30	
		1	14	16.85	17.03	17.01	18.30	
		8	0	17.09	17.17	17.02	18.30	
		8	4	17.05	17.03	17.04	18.30	
		8	7	16.95	16.99	17.01	18.30	
		15	0	17.00	17.02	17.00	18.30	
	16QAM	1	0	17.05	17.15	17.05	18.30	
		1	7	16.74	17.07	16.95	18.30	
		1	14	16.87	17.05	17.06	18.30	
		8	0	17.04	17.16	16.97	18.30	
		8	4	17.00	17.01	16.99	18.30	
		8	7	16.94	17.03	17.00	18.30	
		15	0	17.00	17.00	17.01	18.30	
	64QAM	1	0	16.98	17.08	17.04	18.30	
1		7	16.76	17.12	16.93	18.30		

		1	14	16.86	17.04	17.01	18.30	
		8	0	17.05	17.13	17.03	18.30	
		8	4	16.97	17.01	17.00	18.30	
		8	7	16.96	17.03	16.97	18.30	
		15	0	16.98	16.93	17.02	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	17.08	17.21	17.06	18.30	
		1	13	16.76	17.10	16.95	18.30	
		1	24	16.85	17.02	17.05	18.30	
		12	0	17.06	17.20	17.03	18.30	
		12	6	17.06	17.02	17.00	18.30	
		12	13	16.97	17.00	17.00	18.30	
		25	0	16.99	16.98	16.98	18.30	
	16QAM	1	0	17.05	17.15	17.00	18.30	
		1	13	16.75	17.06	16.95	18.30	
		1	24	16.85	17.04	17.08	18.30	
		12	0	17.03	17.14	16.95	18.30	
		12	6	17.03	17.01	16.99	18.30	
		12	13	16.97	16.99	16.98	18.30	
		25	0	17.03	17.00	16.98	18.30	
	64QAM	1	0	16.98	17.07	17.02	18.30	
		1	13	16.72	17.08	16.95	18.30	
		1	24	16.88	17.02	17.04	18.30	
		12	0	17.03	17.10	17.02	18.30	
		12	6	16.97	17.01	17.04	18.30	
		12	13	16.99	17.00	16.98	18.30	
		25	0	16.99	16.97	17.04	18.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	1	0	17.06	17.19	17.04	18.30
1			25	16.80	17.11	16.97	18.30	
1			49	16.87	17.05	17.02	18.30	
25			0	17.06	17.18	17.00	18.30	
25			13	17.06	17.04	17.03	18.30	
25			25	16.97	16.97	17.01	18.30	
50			0	16.96	17.00	16.99	18.30	
16QAM		1	0	17.06	17.11	17.02	18.30	
		1	25	16.71	17.08	16.97	18.30	
		1	49	16.86	17.06	17.09	18.30	
		25	0	17.04	17.12	16.95	18.30	
		25	13	17.03	17.00	17.03	18.30	
		25	25	16.93	16.99	17.03	18.30	
		50	0	17.04	17.03	16.98	18.30	
64QAM		1	0	16.99	17.05	17.01	18.30	
		1	25	16.75	17.11	16.93	18.30	
		1	49	16.91	17.01	17.02	18.30	

		25	0	17.04	17.10	17.01	18.30	
		25	13	17.00	17.02	17.05	18.30	
		25	25	16.98	17.01	16.98	18.30	
		50	0	17.00	16.93	17.02	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	QPSK	1	0	17.04	17.19	17.06	18.30	
		1	38	16.75	17.09	16.95	18.30	
		1	74	16.89	17.05	17.01	18.30	
		36	0	17.09	17.21	17.04	18.30	
		36	18	17.06	17.02	17.04	18.30	
		36	39	16.92	16.97	16.99	18.30	
		75	0	16.99	17.00	16.97	18.30	
	16QAM	1	0	17.02	17.15	17.01	18.30	
		1	38	16.72	17.09	16.97	18.30	
		1	74	16.87	17.02	17.07	18.30	
		36	0	17.01	17.13	16.96	18.30	
		36	18	16.99	16.98	17.03	18.30	
		36	39	16.94	16.99	16.99	18.30	
		75	0	17.04	16.99	17.02	18.30	
	64QAM	1	0	16.99	17.07	17.01	18.30	
		1	38	16.73	17.09	16.95	18.30	
		1	74	16.89	17.02	17.06	18.30	
		36	0	17.04	17.13	17.01	18.30	
		36	18	16.97	17.06	17.03	18.30	
		36	39	16.97	17.03	16.94	18.30	
		75	0	16.98	16.98	17.06	18.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
	20MHz	QPSK	1	0	17.27	17.41	17.26	18.30
1			50	16.77	17.13	16.95	18.30	
1			99	16.86	17.03	17.03	18.30	
50			0	17.25	17.40	17.23	18.30	
50			25	17.04	17.03	17.01	18.30	
50			50	16.94	17.02	16.97	18.30	
100			0	16.97	16.98	16.96	18.30	
16QAM		1	0	17.02	17.14	17.02	18.30	
		1	50	16.75	17.07	16.94	18.30	
		1	99	16.85	17.06	17.06	18.30	
		50	0	17.04	17.13	16.98	18.30	
		50	25	17.01	17.03	16.98	18.30	
		50	50	16.97	17.01	17.02	18.30	
		100	0	17.05	17.02	16.98	18.30	
64QAM		1	0	17.01	17.09	17.02	18.30	
		1	50	16.74	17.08	16.98	18.30	
		1	99	16.90	17.01	17.05	18.30	
		50	0	17.07	17.13	17.01	18.30	

		50	25	16.99	17.02	17.00	18.30
		50	50	16.96	16.99	16.96	18.30
		100	0	17.00	16.93	17.05	18.30

LTE Band 66 State 3/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.34	19.49	19.38	20.30
		1	2	19.10	19.42	19.24	20.30
		1	5	19.18	19.35	19.32	20.30
		3	0	19.39	19.48	19.31	20.30
		3	1	19.34	19.29	19.34	20.30
		3	3	19.23	19.28	19.28	20.30
		6	0	19.26	19.29	19.28	20.30
	16QAM	1	0	19.36	19.41	19.31	20.30
		1	2	19.00	19.37	19.22	20.30
		1	5	19.19	19.32	19.37	20.30
		3	0	19.32	19.43	19.29	20.30
		3	1	19.32	19.30	19.29	20.30
		3	3	19.27	19.32	19.33	20.30
		6	0	19.31	19.30	19.29	20.30
	64QAM	1	0	19.32	19.36	19.32	20.30
		1	2	19.07	19.42	19.25	20.30
		1	5	19.19	19.30	19.33	20.30
		3	0	19.37	19.44	19.29	20.30
		3	1	19.31	19.34	19.32	20.30
		3	3	19.25	19.33	19.26	20.30
		6	0	19.25	19.28	19.34	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	19.36	19.49	19.34	20.30
		1	7	19.07	19.41	19.23	20.30
		1	14	19.17	19.35	19.33	20.30
		8	0	19.36	19.47	19.32	20.30
		8	4	19.32	19.34	19.33	20.30
		8	7	19.23	19.31	19.32	20.30
		15	0	19.26	19.28	19.26	20.30
	16QAM	1	0	19.35	19.45	19.33	20.30
		1	7	19.05	19.40	19.22	20.30
		1	14	19.19	19.34	19.36	20.30
		8	0	19.35	19.42	19.30	20.30
		8	4	19.34	19.30	19.31	20.30
		8	7	19.26	19.29	19.32	20.30
		15	0	19.32	19.30	19.28	20.30
	64QAM	1	0	19.33	19.36	19.34	20.30
		1	7	19.02	19.41	19.28	20.30
		1	14	19.18	19.35	19.34	20.30

		8	0	19.37	19.43	19.31	20.30
		8	4	19.28	19.34	19.31	20.30
		8	7	19.28	19.29	19.28	20.30
		15	0	19.26	19.28	19.32	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.34	19.46	19.39	20.30
		1	13	19.08	19.41	19.25	20.30
		1	24	19.14	19.31	19.35	20.30
		12	0	19.37	19.48	19.31	20.30
		12	6	19.33	19.33	19.32	20.30
		12	13	19.22	19.27	19.32	20.30
		25	0	19.30	19.28	19.30	20.30
	16QAM	1	0	19.34	19.42	19.33	20.30
		1	13	19.00	19.36	19.24	20.30
		1	24	19.17	19.31	19.37	20.30
		12	0	19.36	19.46	19.29	20.30
		12	6	19.34	19.28	19.31	20.30
		12	13	19.26	19.30	19.29	20.30
		25	0	19.35	19.31	19.28	20.30
	64QAM	1	0	19.28	19.38	19.33	20.30
		1	13	19.06	19.42	19.28	20.30
		1	24	19.16	19.30	19.36	20.30
		12	0	19.33	19.42	19.31	20.30
		12	6	19.32	19.35	19.34	20.30
		12	13	19.27	19.32	19.29	20.30
		25	0	19.29	19.24	19.36	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.36	19.47	19.35	20.30
		1	25	19.09	19.41	19.25	20.30
		1	49	19.15	19.34	19.35	20.30
		25	0	19.36	19.51	19.33	20.30
		25	13	19.34	19.31	19.29	20.30
		25	25	19.27	19.27	19.28	20.30
		50	0	19.29	19.30	19.29	20.30
	16QAM	1	0	19.33	19.45	19.30	20.30
		1	25	19.02	19.40	19.22	20.30
		1	49	19.19	19.36	19.37	20.30
		25	0	19.33	19.45	19.28	20.30
		25	13	19.30	19.28	19.30	20.30
		25	25	19.23	19.32	19.30	20.30
		50	0	19.31	19.33	19.31	20.30
	64QAM	1	0	19.32	19.39	19.30	20.30
		1	25	19.05	19.38	19.27	20.30
		1	49	19.16	19.30	19.31	20.30
		25	0	19.38	19.41	19.33	20.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				132047	132322	132597				
15MHz	QPSK	25	13	19.31	19.33	19.33	20.30			
		25	25	19.27	19.33	19.27	20.30			
		50	0	19.30	19.26	19.35	20.30			
		1	0	19.38	19.46	19.36	20.30			
		1	38	19.07	19.40	19.28	20.30			
		1	74	19.15	19.30	19.35	20.30			
		36	0	19.34	19.50	19.31	20.30			
	16QAM	36	18	19.33	19.34	19.32	20.30			
		36	39	19.24	19.32	19.31	20.30			
		75	0	19.27	19.29	19.30	20.30			
		1	0	19.36	19.41	19.33	20.30			
		1	38	19.02	19.37	19.27	20.30			
		1	74	19.15	19.35	19.39	20.30			
		36	0	19.32	19.44	19.28	20.30			
	64QAM	36	18	19.31	19.30	19.28	20.30			
		36	39	19.22	19.30	19.30	20.30			
		75	0	19.30	19.34	19.33	20.30			
		1	0	19.28	19.38	19.32	20.30			
		1	38	19.06	19.38	19.26	20.30			
		1	74	19.17	19.32	19.36	20.30			
		36	0	19.35	19.42	19.28	20.30			
	20MHz	QPSK	36	18	19.29	19.35	19.33	20.30		
			36	39	19.26	19.31	19.27	20.30		
	75		0	19.27	19.24	19.35	20.30			
1	0		19.51	20.06	19.41	20.30				
1	50		19.35	19.41	19.25	20.30				
1	99		19.44	19.32	19.30	20.30				
50	0		19.37	19.97	19.32	20.30				
16QAM	50	25	19.35	19.30	19.30	20.30				
	50	50	19.24	19.32	19.32	20.30				
	100	0	19.26	19.31	19.26	20.30				
	1	0	19.35	19.43	19.30	20.30				
	1	50	19.02	19.35	19.27	20.30				
	1	99	19.19	19.31	19.38	20.30				
	50	0	19.32	19.42	19.26	20.30				
64QAM	50	25	19.31	19.30	19.32	20.30				
	50	50	19.22	19.32	19.32	20.30				
	100	0	19.31	19.32	19.31	20.30				
	1	0	19.32	19.36	19.35	20.30				
	1	50	19.03	19.41	19.27	20.30				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				132072	132322	132572				
				1	0	19.16		19.32	19.34	20.30
				50	0	19.35		19.40	19.29	20.30
				50	25	19.29		19.33	19.32	20.30

		50	50	19.27	19.33	19.26	20.30
		100	0	19.28	19.24	19.33	20.30

4 Conducted Power of Main Antenna (Ant4)

4.1 Conducted Power of GSM

GSM 1900 State1/2/3/4/5/6										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.96	29.93	29.91	30.50	-9.19	20.77	20.74	20.72	21.31
GPRS (GMSK)	1 TX Slot	29.95	29.92	29.90	30.50	-9.19	20.76	20.73	20.71	21.31
	2 TX Slots	27.88	27.85	27.79	28.50	-6.18	21.70	21.67	21.61	22.32
	3 TX Slots	26.34	26.44	26.40	26.50	-4.42	21.92	22.02	21.98	22.08
	4 TX Slots	24.05	24.09	24.10	24.50	-3.17	20.88	20.92	20.93	21.33
EGPRS (GMSK)	1 TX Slot	29.93	29.89	29.88	30.50	-9.19	20.74	20.70	20.69	21.31
	2 TX Slots	27.84	27.81	27.78	28.50	-6.18	21.66	21.63	21.60	22.32
	3 TX Slots	26.30	26.43	26.38	26.50	-4.42	21.88	22.01	21.96	22.08
	4 TX Slots	24.02	24.08	24.08	24.50	-3.17	20.85	20.91	20.91	21.33
EGPRS (8PSK)	1 TX Slot	26.44	26.41	26.37	27.00	-9.19	17.25	17.22	17.18	17.81
	2 TX Slots	23.71	23.74	23.65	25.50	-6.18	17.53	17.56	17.47	19.32
	3 TX Slots	21.34	21.35	21.22	22.00	-4.42	16.92	16.93	16.80	17.58
	4 TX Slots	20.09	20.10	19.99	21.50	-3.17	16.92	16.93	16.82	18.33

4.2 Conducted Power of WCDMA

WCDMA Band II State 2/4/6					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	24.41	24.35	24.47	24.80
	12.2kbps AMR	24.4	24.3	24.46	24.80
HSDPA	Subtest 1	23.42	23.36	23.51	23.80
	Subtest 2	23.41	23.34	23.48	23.80
	Subtest 3	22.94	22.89	23.01	23.30
	Subtest 4	22.92	22.84	22.99	23.30
HSUPA	Subtest 1	21.42	21.33	21.49	21.80
	Subtest 2	20.42	20.32	20.48	20.80
	Subtest 3	21.43	21.36	21.50	21.80
	Subtest 4	20.43	20.33	20.50	20.80
	Subtest 5	23.41	23.33	23.49	23.80
DC-HSDPA	Subtest 1	23.36	23.26	23.43	23.80
	Subtest 2	23.35	23.26	23.41	23.80
	Subtest 3	22.89	22.80	22.96	23.30
	Subtest 4	22.86	22.74	22.93	23.30
HSPA+	16QAM	20.38	20.40	20.41	20.80

WCDMA Band II State 1					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.58	20.54	20.7	20.80
	12.2kbps AMR	20.59	20.47	20.69	20.80
HSDPA	Subtest 1	19.62	19.52	19.68	19.80

	Subtest 2	19.62	19.56	19.69	19.80
	Subtest 3	19.14	19.12	19.25	19.30
	Subtest 4	19.13	19.07	19.20	19.30
HSUPA	Subtest 1	17.58	17.55	17.69	17.80
	Subtest 2	16.61	16.49	16.68	16.80
	Subtest 3	17.65	17.61	17.75	17.80
	Subtest 4	16.68	16.53	16.66	16.80
	Subtest 5	19.57	19.57	19.72	19.80
DC-HSDPA	Subtest 1	19.51	19.45	19.65	19.80
	Subtest 2	19.56	19.45	19.66	19.80
	Subtest 3	19.07	18.98	19.17	19.30
	Subtest 4	19.04	18.94	19.13	19.30
HSPA+	16QAM	16.36	16.30	16.27	16.80

WCDMA Band II State 3/5					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.14	20.06	20.2	20.30
	12.2kbps AMR	20.1	20.01	20.14	20.30
HSDPA	Subtest 1	19.15	19.06	19.26	19.30
	Subtest 2	19.10	19.09	19.19	19.30
	Subtest 3	18.68	18.62	18.75	18.80
	Subtest 4	18.62	18.54	18.73	18.80
HSUPA	Subtest 1	17.11	16.98	17.18	17.30
	Subtest 2	16.14	15.98	16.20	16.30
	Subtest 3	17.08	17.07	17.17	17.30
	Subtest 4	16.12	15.98	16.17	16.30
	Subtest 5	19.16	19.05	19.24	19.30
DC-HSDPA	Subtest 1	19.08	19.01	19.18	19.30
	Subtest 2	19.04	18.98	19.08	19.30
	Subtest 3	18.60	18.49	18.66	18.80
	Subtest 4	18.51	18.47	18.64	18.80
HSPA+	16QAM	15.81	15.90	15.87	16.30

WCDMA Band IV State 2/4/6					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	24.4	24.29	24.3	24.80
	12.2kbps AMR	24.35	24.27	24.27	24.80
HSDPA	Subtest 1	23.41	23.33	23.33	23.80
	Subtest 2	23.38	23.31	23.29	23.80
	Subtest 3	22.93	22.85	22.83	23.30
	Subtest 4	22.90	22.81	22.79	23.30
HSUPA	Subtest 1	21.89	21.83	21.81	22.30
	Subtest 2	19.86	19.83	19.77	20.30
	Subtest 3	20.89	20.85	20.81	21.30
	Subtest 4	20.88	20.85	20.81	21.30

	Subtest 5	23.38	23.34	23.32	23.80
DC-HSDPA	Subtest 1	23.33	23.25	23.24	23.80
	Subtest 2	23.30	23.23	23.21	23.80
	Subtest 3	22.88	22.78	22.76	23.30
	Subtest 4	22.85	22.75	22.72	23.30
HSPA+	16QAM	19.85	19.80	19.78	20.80

WCDMA Band IV State 1					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.04	20.92	20.85	21.30
	12.2kbps AMR	20.94	20.88	20.92	21.30
HSDPA	Subtest 1	20.05	19.93	19.95	20.30
	Subtest 2	19.98	19.86	19.89	20.30
	Subtest 3	19.54	19.50	19.42	19.80
	Subtest 4	19.45	19.44	19.42	19.80
HSUPA	Subtest 1	18.50	18.45	18.46	18.80
	Subtest 2	16.41	16.45	16.38	16.80
	Subtest 3	17.47	17.42	17.37	17.80
	Subtest 4	17.53	17.41	17.38	17.80
	Subtest 5	19.96	19.96	19.89	20.30
DC-HSDPA	Subtest 1	19.93	19.85	19.88	20.30
	Subtest 2	19.87	19.79	19.78	20.30
	Subtest 3	19.49	19.37	19.39	19.80
	Subtest 4	19.50	19.39	19.35	19.80
HSPA+	16QAM	16.30	16.24	16.28	17.30

WCDMA Band IV State 3/5					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.41	20.34	20.27	20.80
	12.2kbps AMR	20.3	20.28	20.32	20.80
HSDPA	Subtest 1	19.40	19.33	19.30	19.80
	Subtest 2	19.36	19.33	19.32	19.80
	Subtest 3	18.91	18.85	18.86	19.30
	Subtest 4	18.95	18.76	18.76	19.30
HSUPA	Subtest 1	17.86	17.79	17.84	18.30
	Subtest 2	15.85	15.80	15.80	16.30
	Subtest 3	16.86	16.89	16.78	17.30
	Subtest 4	16.88	16.80	16.79	17.30
	Subtest 5	19.35	19.31	19.30	19.80
DC-HSDPA	Subtest 1	19.38	19.28	19.29	19.80
	Subtest 2	19.32	19.21	19.16	19.80
	Subtest 3	18.87	18.81	18.75	19.30
	Subtest 4	18.88	18.80	18.74	19.30
HSPA+	16QAM	15.85	15.84	15.87	16.80

4.3 Conducted Power of LTE

LTE Band 2 State 2/4/6				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				18607	18900	19193			
1.4MHz	QPSK	1	0	23.78	23.72	23.11	24.30		
		1	2	23.81	23.76	22.95	24.30		
		1	5	23.78	23.69	22.73	24.30		
		3	0	23.77	23.71	23.82	24.30		
		3	2	23.80	23.70	23.76	24.30		
		3	3	23.78	23.71	23.57	24.30		
		6	0	22.78	22.69	22.86	23.30		
	16QAM	1	0	22.95	22.89	22.55	23.30		
		1	2	22.98	22.89	22.50	23.30		
		1	5	22.97	22.87	22.75	23.30		
		3	0	22.78	22.71	22.89	23.30		
		3	2	22.87	22.75	22.90	23.30		
		3	3	22.81	22.69	22.88	23.30		
		6	0	21.74	21.69	21.85	22.30		
	64QAM	1	0	21.97	21.88	21.56	22.30		
		1	2	21.98	21.85	21.52	22.30		
		1	5	21.99	21.84	21.74	22.30		
		3	0	21.80	21.72	21.94	22.30		
		3	2	21.90	21.79	21.93	22.30		
		3	3	21.78	21.73	21.92	22.30		
		6	0	20.76	20.73	20.86	21.30		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
3MHz	QPSK	1	0	23.76	23.62	23.60	24.30		
		1	7	23.76	23.72	23.68	24.30		
		1	14	23.66	23.55	22.93	24.30		
		8	0	22.79	22.68	22.61	23.30		
		8	4	22.73	22.65	22.67	23.30		
		8	7	22.73	22.60	22.63	23.30		
		15	0	22.71	22.67	22.60	23.30		
	16QAM	1	0	23.00	22.89	22.73	23.30		
		1	7	22.97	22.88	22.91	23.30		
		1	14	22.92	22.83	23.03	23.30		
		8	0	21.72	21.62	21.61	22.30		
		8	4	21.66	21.61	21.70	22.30		
		8	7	21.68	21.49	21.59	22.30		
		15	0	21.67	21.62	21.61	22.30		
	64QAM	1	0	21.97	21.94	21.71	22.30		
		1	7	22.00	21.96	21.91	22.30		
		1	14	21.88	21.81	22.03	22.30		
		8	0	20.78	20.55	20.60	21.30		
		8	4	20.64	20.54	20.73	21.30		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		3MHz	QPSK	1	0	23.76	23.62	23.60	24.30
1	7			23.76	23.72	23.68	24.30		
1	14			23.66	23.55	22.93	24.30		
8	0			22.79	22.68	22.61	23.30		
8	4			22.73	22.65	22.67	23.30		
8	7			22.73	22.60	22.63	23.30		
15	0			22.71	22.67	22.60	23.30		
16QAM	1		0	23.00	22.89	22.73	23.30		
	1		7	22.97	22.88	22.91	23.30		
	1		14	22.92	22.83	23.03	23.30		
	8		0	21.72	21.62	21.61	22.30		
	8		4	21.66	21.61	21.70	22.30		
	8		7	21.68	21.49	21.59	22.30		
	15		0	21.67	21.62	21.61	22.30		
64QAM	1		0	21.97	21.94	21.71	22.30		
	1		7	22.00	21.96	21.91	22.30		
	1		14	21.88	21.81	22.03	22.30		
	8		0	20.78	20.55	20.60	21.30		
	8		4	20.64	20.54	20.73	21.30		

Bandwidth	Modulation	8	7	20.68	20.48	20.57	21.30	
		15	0	20.63	20.59	20.64	21.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18625	18900	19175		
5MHz	QPSK	1	0	23.77	23.66	23.60	24.30	
		1	13	23.76	23.73	23.69	24.30	
		1	24	23.65	23.58	22.96	24.30	
		12	0	22.76	22.70	22.65	23.30	
		12	6	22.72	22.62	22.71	23.30	
		12	13	22.71	22.60	22.60	23.30	
		25	0	22.74	22.66	22.61	23.30	
	16QAM	1	0	23.00	22.91	22.76	23.30	
		1	13	22.97	22.88	22.92	23.30	
		1	24	22.92	22.78	23.04	23.30	
		12	0	21.73	21.63	21.61	22.30	
		12	6	21.64	21.57	21.71	22.30	
		12	13	21.72	21.51	21.61	22.30	
		25	0	21.66	21.61	21.64	22.30	
	64QAM	1	0	21.96	21.97	21.73	22.30	
		1	13	21.96	21.94	21.91	22.30	
		1	24	21.91	21.83	21.99	22.30	
		12	0	20.78	20.57	20.56	21.30	
		12	6	20.64	20.58	20.70	21.30	
		12	13	20.68	20.51	20.59	21.30	
		25	0	20.65	20.57	20.63	21.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18650	18900	19150	
	10MHz	QPSK	1	0	23.78	23.65	23.64	24.30
1			25	23.76	23.73	23.73	24.30	
1			49	23.65	23.53	22.94	24.30	
25			0	22.75	22.72	22.63	23.30	
25			13	22.72	22.64	22.70	23.30	
25			25	22.68	22.60	22.63	23.30	
50			0	22.74	22.67	22.60	23.30	
16QAM		1	0	22.98	22.92	22.73	23.30	
		1	25	22.99	22.89	22.92	23.30	
		1	49	22.92	22.78	23.05	23.30	
		25	0	21.75	21.61	21.60	22.30	
		25	13	21.65	21.59	21.68	22.30	
		25	25	21.72	21.48	21.57	22.30	
		50	0	21.65	21.61	21.64	22.30	
64QAM		1	0	21.93	21.96	21.71	22.30	
		1	25	22.00	21.97	21.95	22.30	
		1	49	21.90	21.81	21.98	22.30	
		25	0	20.79	20.58	20.59	21.30	
		25	13	20.64	20.59	20.73	21.30	
		25	25	20.67	20.52	20.58	21.30	

Bandwidth	Modulation	50	0	20.63	20.59	20.64	21.30	
		RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	QPSK	1	0	23.77	23.62	23.64	24.30	
		1	38	23.75	23.69	23.69	24.30	
		1	74	23.64	23.58	22.97	24.30	
		36	0	22.76	22.68	22.66	23.30	
		36	18	22.74	22.65	22.67	23.30	
		36	39	22.71	22.59	22.60	23.30	
		75	0	22.74	22.63	22.62	23.30	
	16QAM	1	0	22.98	22.92	22.75	23.30	
		1	38	22.95	22.87	22.93	23.30	
		1	74	22.91	22.80	23.00	23.30	
		36	0	21.75	21.59	21.65	22.30	
		36	18	21.63	21.61	21.69	22.30	
		36	39	21.69	21.49	21.59	22.30	
		75	0	21.67	21.59	21.63	22.30	
	64QAM	1	0	21.97	21.97	21.76	22.30	
		1	38	22.00	21.95	21.92	22.30	
		1	74	21.90	21.81	21.99	22.30	
		36	0	20.80	20.60	20.59	21.30	
		36	18	20.59	20.55	20.74	21.30	
		36	39	20.68	20.47	20.55	21.30	
		75	0	20.62	20.57	20.67	21.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18700	18900	19100	
	20MHz	QPSK	1	0	23.84	23.72	23.70	24.30
1			50	23.84	23.78	23.78	24.30	
1			99	23.72	23.63	23.02	24.30	
50			0	22.84	22.78	22.80	23.30	
50			25	22.82	22.71	22.77	23.30	
50			50	22.78	22.67	22.68	23.30	
100			0	22.79	22.80	22.67	23.30	
16QAM		1	0	23.05	22.99	22.82	23.30	
		1	50	23.05	22.97	23.00	23.30	
		1	99	22.98	22.88	23.10	23.30	
		50	0	21.82	21.69	21.70	22.30	
		50	25	21.73	21.67	21.77	22.30	
		50	50	21.77	21.58	21.66	22.30	
		100	0	21.75	21.68	21.69	22.30	
64QAM		1	0	22.02	22.02	21.81	22.30	
		1	50	22.05	22.02	22.00	22.30	
		1	99	21.98	21.88	22.08	22.30	
		50	0	20.86	20.65	20.65	21.30	
		50	25	20.69	20.64	20.79	21.30	
		50	50	20.73	20.57	20.65	21.30	
		100	0	20.71	20.67	20.72	21.30	

LTE Band 2 State 1				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	20.61	20.73	20.63	21.30	
		1	2	20.32	20.64	20.52	21.30	
		1	5	20.40	20.59	20.59	21.30	
		3	0	20.59	20.72	20.55	21.30	
		3	2	20.58	20.59	20.54	21.30	
		3	3	20.52	20.57	20.52	21.30	
	16QAM	6	0	20.55	20.52	20.55	21.30	
		1	0	20.57	20.67	20.60	21.30	
		1	2	20.30	20.64	20.48	21.30	
		1	5	20.42	20.59	20.62	21.30	
		3	0	20.57	20.71	20.55	21.30	
		3	2	20.55	20.57	20.54	21.30	
	64QAM	3	3	20.49	20.57	20.54	21.30	
		6	0	20.57	20.54	20.53	21.30	
		1	0	20.57	20.64	20.60	21.30	
		1	2	20.32	20.64	20.49	21.30	
		1	5	20.43	20.57	20.59	21.30	
		3	0	20.60	20.69	20.53	21.30	
	3MHz	QPSK	3	2	20.55	20.61	20.56	21.30
			3	3	20.49	20.57	20.53	21.30
			6	0	20.54	20.52	20.56	21.30
1			0	20.51	20.63	20.54	21.30	
1			7	20.25	20.54	20.46	21.30	
1			14	20.33	20.51	20.49	21.30	
16QAM		8	0	20.51	20.65	20.47	21.30	
		8	4	20.51	20.50	20.45	21.30	
		8	7	20.43	20.51	20.43	21.30	
		15	0	20.45	20.42	20.45	21.30	
		1	0	20.49	20.58	20.55	21.30	
		1	7	20.23	20.57	20.40	21.30	
64QAM	1	14	20.36	20.49	20.57	21.30		
	8	0	20.49	20.64	20.47	21.30		
	8	4	20.50	20.47	20.46	21.30		
	8	7	20.41	20.52	20.44	21.30		
	15	0	20.49	20.45	20.44	21.30		
	1	0	20.47	20.57	20.54	21.30		
	64QAM	1	7	20.23	20.56	20.40	21.30	
		1	14	20.35	20.49	20.53	21.30	
		8	0	20.51	20.64	20.44	21.30	
		8	4	20.48	20.55	20.49	21.30	
		8	7	20.44	20.51	20.46	21.30	
		8	7	20.44	20.51	20.46	21.30	

Bandwidth	Modulation	15	0	20.48	20.45	20.49	21.30
		RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	20.54	20.67	20.55	21.30
		1	13	20.26	20.58	20.46	21.30
		1	24	20.33	20.49	20.52	21.30
		12	0	20.54	20.64	20.49	21.30
		12	6	20.49	20.52	20.48	21.30
		12	13	20.42	20.48	20.47	21.30
		25	0	20.45	20.46	20.49	21.30
	16QAM	1	0	20.49	20.60	20.53	21.30
		1	13	20.22	20.58	20.42	21.30
		1	24	20.36	20.53	20.54	21.30
		12	0	20.51	20.64	20.50	21.30
		12	6	20.46	20.50	20.46	21.30
		12	13	20.41	20.52	20.44	21.30
		25	0	20.48	20.48	20.46	21.30
	64QAM	1	0	20.49	20.55	20.53	21.30
		1	13	20.23	20.56	20.41	21.30
		1	24	20.36	20.52	20.49	21.30
		12	0	20.53	20.60	20.45	21.30
		12	6	20.47	20.53	20.48	21.30
		12	13	20.42	20.51	20.45	21.30
		25	0	20.44	20.42	20.48	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	20.51	20.67	20.53	21.30
		1	25	20.23	20.57	20.43	21.30
		1	49	20.32	20.53	20.50	21.30
		25	0	20.49	20.67	20.50	21.30
		25	13	20.51	20.49	20.44	21.30
		25	25	20.43	20.50	20.47	21.30
		50	0	20.50	20.43	20.46	21.30
	16QAM	1	0	20.51	20.62	20.54	21.30
		1	25	20.21	20.57	20.43	21.30
		1	49	20.34	20.49	20.54	21.30
		25	0	20.48	20.63	20.49	21.30
		25	13	20.46	20.49	20.45	21.30
		25	25	20.43	20.48	20.45	21.30
		50	0	20.50	20.47	20.45	21.30
	64QAM	1	0	20.49	20.54	20.55	21.30
		1	25	20.24	20.57	20.43	21.30
		1	49	20.35	20.49	20.52	21.30
		25	0	20.53	20.62	20.48	21.30
		25	13	20.45	20.56	20.46	21.30
		25	25	20.42	20.48	20.47	21.30
		50	0	20.47	20.47	20.47	21.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.52	20.68	20.56	21.30
		1	38	20.23	20.55	20.45	21.30
		1	74	20.30	20.54	20.52	21.30
		36	0	20.52	20.64	20.47	21.30
		36	18	20.50	20.49	20.46	21.30
		36	39	20.44	20.52	20.44	21.30
		75	0	20.47	20.46	20.46	21.30
	16QAM	1	0	20.52	20.59	20.53	21.30
		1	38	20.23	20.55	20.41	21.30
		1	74	20.32	20.51	20.57	21.30
		36	0	20.52	20.66	20.45	21.30
		36	18	20.45	20.47	20.46	21.30
		36	39	20.42	20.51	20.48	21.30
		75	0	20.49	20.48	20.43	21.30
	64QAM	1	0	20.47	20.55	20.50	21.30
		1	38	20.25	20.57	20.43	21.30
		1	74	20.37	20.49	20.50	21.30
		36	0	20.51	20.63	20.47	21.30
		36	18	20.45	20.56	20.46	21.30
		36	39	20.43	20.52	20.44	21.30
		75	0	20.48	20.45	20.50	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20.52	20.80	20.54	21.30
		1	50	20.26	20.55	20.42	21.30
		1	99	20.34	20.49	20.52	21.30
		50	0	20.55	20.64	20.48	21.30
		50	25	20.52	20.50	20.48	21.30
		50	50	20.45	20.47	20.45	21.30
		100	0	20.45	20.49	20.49	21.30
	16QAM	1	0	20.51	20.60	20.54	21.30
		1	50	20.20	20.54	20.41	21.30
		1	99	20.37	20.50	20.52	21.30
		50	0	20.47	20.62	20.49	21.30
		50	25	20.49	20.48	20.49	21.30
		50	50	20.43	20.50	20.48	21.30
		100	0	20.51	20.46	20.45	21.30
	64QAM	1	0	20.51	20.59	20.55	21.30
		1	50	20.27	20.55	20.41	21.30
		1	99	20.35	20.48	20.54	21.30
		50	0	20.52	20.61	20.43	21.30
		50	25	20.50	20.54	20.49	21.30
		50	50	20.39	20.49	20.45	21.30
		100	0	20.47	20.46	20.51	21.30

LTE Band 2 State 3/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.94	20.04	19.98	20.80
		1	2	19.65	19.99	19.82	20.80
		1	5	19.75	19.91	19.89	20.80
		3	0	19.89	20.07	19.87	20.80
		3	2	19.92	19.92	19.85	20.80
		3	3	19.85	19.87	19.87	20.80
		6	0	19.90	19.83	19.87	20.80
	16QAM	1	0	19.87	20.01	19.95	20.80
		1	2	19.64	19.95	19.80	20.80
		1	5	19.74	19.94	19.95	20.80
		3	0	19.88	20.03	19.87	20.80
		3	2	19.86	19.89	19.84	20.80
		3	3	19.81	19.89	19.89	20.80
		6	0	19.88	19.89	19.87	20.80
	64QAM	1	0	19.90	19.98	19.95	20.80
		1	2	19.62	19.94	19.83	20.80
		1	5	19.78	19.90	19.91	20.80
		3	0	19.93	20.03	19.85	20.80
		3	2	19.87	19.94	19.87	20.80
		3	3	19.79	19.89	19.85	20.80
		6	0	19.86	19.83	19.88	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	19.96	20.05	19.98	20.80
		1	7	19.62	19.99	19.87	20.80
		1	14	19.70	19.92	19.92	20.80
		8	0	19.92	20.02	19.87	20.80
		8	4	19.89	19.91	19.84	20.80
		8	7	19.82	19.88	19.87	20.80
		15	0	19.88	19.84	19.87	20.80
	16QAM	1	0	19.92	20.02	19.93	20.80
		1	7	19.63	19.97	19.78	20.80
		1	14	19.77	19.90	19.96	20.80
		8	0	19.91	20.04	19.89	20.80
		8	4	19.85	19.91	19.88	20.80
		8	7	19.82	19.88	19.85	20.80
		15	0	19.89	19.85	19.87	20.80
	64QAM	1	0	19.90	19.94	19.91	20.80
		1	7	19.67	19.95	19.79	20.80
		1	14	19.76	19.88	19.92	20.80
		8	0	19.93	20.02	19.88	20.80
		8	4	19.90	19.92	19.90	20.80
		8	7	19.83	19.88	19.85	20.80

Bandwidth	Modulation	15	0	19.86	19.87	19.91	20.80
		RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	19.70	19.89	19.90	20.80
		1	13	19.90	20.05	19.90	20.80
		1	24	19.70	19.89	19.90	20.80
		12	0	19.90	20.05	19.90	20.80
		12	6	19.93	19.89	19.84	20.80
		12	13	19.83	19.90	19.84	20.80
		25	0	19.90	19.86	19.90	20.80
	16QAM	1	0	19.89	20.01	19.91	20.80
		1	13	19.65	19.95	19.78	20.80
		1	24	19.76	19.93	19.94	20.80
		12	0	19.89	20.01	19.89	20.80
		12	6	19.87	19.88	19.89	20.80
		12	13	19.84	19.87	19.85	20.80
		25	0	19.89	19.85	19.87	20.80
	64QAM	1	0	19.89	19.97	19.92	20.80
		1	13	19.64	19.99	19.84	20.80
		1	24	19.75	19.88	19.93	20.80
		12	0	19.94	20.01	19.84	20.80
		12	6	19.86	19.94	19.90	20.80
		12	13	19.83	19.90	19.88	20.80
		25	0	19.89	19.84	19.88	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	19.93	20.03	19.86	20.80
		1	25	19.64	19.97	19.87	20.80
		1	49	19.73	19.93	19.90	20.80
		25	0	19.93	20.03	19.86	20.80
		25	13	19.91	19.89	19.89	20.80
		25	25	19.87	19.89	19.82	20.80
		50	0	19.87	19.86	19.86	20.80
	16QAM	1	0	19.91	20.00	19.95	20.80
		1	25	19.63	19.95	19.78	20.80
		1	49	19.76	19.89	19.93	20.80
		25	0	19.89	20.01	19.89	20.80
		25	13	19.90	19.90	19.89	20.80
		25	25	19.82	19.89	19.84	20.80
		50	0	19.90	19.85	19.84	20.80
	64QAM	1	0	19.87	19.94	19.93	20.80
		1	25	19.62	19.98	19.84	20.80
		1	49	19.78	19.88	19.89	20.80
		25	0	19.91	20.03	19.85	20.80
		25	13	19.85	19.94	19.91	20.80
		25	25	19.82	19.87	19.84	20.80
		50	0	19.88	19.83	19.91	20.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	19.65	19.95	19.87	20.80
		1	38	19.65	19.95	19.87	20.80
		1	74	19.72	19.89	19.90	20.80
		36	0	19.93	20.03	19.87	20.80
		36	18	19.91	19.90	19.86	20.80
		36	39	19.83	19.91	19.84	20.80
		75	0	19.85	19.85	19.90	20.80
	16QAM	1	0	19.92	19.98	19.92	20.80
		1	38	19.64	19.94	19.82	20.80
		1	74	19.75	19.94	19.97	20.80
		36	0	19.92	20.03	19.89	20.80
		36	18	19.86	19.89	19.88	20.80
		36	39	19.81	19.90	19.88	20.80
		75	0	19.88	19.87	19.83	20.80
	64QAM	1	0	19.91	19.99	19.93	20.80
		1	38	19.62	19.96	19.84	20.80
		1	74	19.75	19.87	19.92	20.80
		36	0	19.90	20.01	19.88	20.80
		36	18	19.88	19.95	19.88	20.80
		36	39	19.81	19.88	19.83	20.80
		75	0	19.89	19.86	19.86	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	19.91	20.07	19.97	20.80
		1	50	19.65	19.98	19.83	20.80
		1	99	19.74	19.93	19.94	20.80
		50	0	19.90	20.06	19.90	20.80
		50	25	19.91	19.92	19.87	20.80
		50	50	19.82	19.90	19.86	20.80
		100	0	19.87	19.87	19.89	20.80
	16QAM	1	0	19.89	20.01	19.90	20.80
		1	50	19.64	19.98	19.80	20.80
		1	99	19.77	19.90	19.95	20.80
		50	0	19.90	20.03	19.88	20.80
		50	25	19.89	19.90	19.88	20.80
		50	50	19.84	19.92	19.86	20.80
		100	0	19.90	19.88	19.85	20.80
	64QAM	1	0	19.91	19.94	19.94	20.80
		1	50	19.63	19.98	19.83	20.80
		1	99	19.75	19.91	19.94	20.80
		50	0	19.93	20.03	19.83	20.80
		50	25	19.89	19.91	19.87	20.80
		50	50	19.79	19.89	19.88	20.80
		100	0	19.87	19.84	19.86	20.80

LTE Band 4 State 2/4/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	23.63	23.51	23.51	24.30	
		1	2	23.61	23.51	23.52	24.30	
		1	5	23.64	23.53	23.53	24.30	
		3	0	23.64	23.55	23.54	24.30	
		3	2	23.65	23.56	23.55	24.30	
		3	3	23.64	23.55	23.59	24.30	
	16QAM	6	0	22.64	22.59	22.50	23.30	
		1	0	22.81	22.58	22.70	23.30	
		1	2	22.82	22.68	22.57	23.30	
		1	5	22.74	22.71	22.61	23.30	
		3	0	22.76	22.61	22.60	23.30	
		3	2	22.70	22.59	22.60	23.30	
	64QAM	3	3	22.64	22.58	22.57	23.30	
		6	0	21.66	21.54	21.52	22.30	
		1	0	21.79	21.56	21.70	22.30	
		1	2	21.86	21.66	21.62	22.30	
		1	5	21.73	21.70	21.61	22.30	
		3	0	21.77	21.62	21.55	22.30	
	3MHz	QPSK	3	2	21.73	21.59	21.57	22.30
			3	3	21.60	21.60	21.55	22.30
			6	0	20.71	20.50	20.50	21.30
1			0	23.55	23.53	23.45	24.30	
1			7	23.57	23.53	23.50	24.30	
1			14	23.48	23.48	23.42	24.30	
16QAM		8	0	22.54	22.56	22.42	23.30	
		8	4	22.61	22.52	22.48	23.30	
		8	7	22.42	22.62	22.48	23.30	
		15	0	22.49	22.56	22.45	23.30	
		1	0	22.82	22.76	22.67	23.30	
		1	7	22.80	22.79	22.77	23.30	
64QAM		1	14	22.64	22.69	22.68	23.30	
		8	0	21.50	21.53	21.39	22.30	
		8	4	21.50	21.46	21.43	22.30	
		8	7	21.39	21.56	21.40	22.30	
		15	0	21.51	21.48	21.41	22.30	
		1	0	21.80	21.75	21.66	22.30	
64QAM		1	7	21.82	21.77	21.74	22.30	
		1	14	21.61	21.69	21.68	22.30	
		8	0	20.46	20.58	20.42	21.30	
	8	4	20.53	20.51	20.38	21.30		
	8	7	20.46	20.53	20.42	21.30		
	8	7	20.46	20.53	20.42	21.30		

Bandwidth	Modulation	15	0	20.53	20.47	20.39	21.30
		RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	23.58	23.55	23.41	24.30
		1	13	23.52	23.53	23.55	24.30
		1	24	23.48	23.45	23.42	24.30
		12	0	22.51	22.60	22.39	23.30
		12	6	22.61	22.53	22.48	23.30
		12	13	22.44	22.62	22.46	23.30
		25	0	22.49	22.55	22.43	23.30
	16QAM	1	0	22.81	22.76	22.72	23.30
		1	13	22.83	22.77	22.77	23.30
		1	24	22.63	22.69	22.68	23.30
		12	0	21.49	21.54	21.38	22.30
		12	6	21.51	21.46	21.48	22.30
		12	13	21.41	21.56	21.41	22.30
		25	0	21.46	21.52	21.41	22.30
	64QAM	1	0	21.79	21.73	21.68	22.30
		1	13	21.80	21.77	21.75	22.30
		1	24	21.63	21.70	21.67	22.30
		12	0	20.46	20.58	20.39	21.30
		12	6	20.53	20.50	20.38	21.30
		12	13	20.48	20.51	20.43	21.30
		25	0	20.51	20.49	20.42	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.53	23.52	23.44	24.30
		1	25	23.57	23.49	23.53	24.30
		1	49	23.49	23.48	23.46	24.30
		25	0	22.53	22.56	22.39	23.30
		25	13	22.56	22.54	22.49	23.30
		25	25	22.45	22.64	22.48	23.30
		50	0	22.50	22.54	22.47	23.30
	16QAM	1	0	22.82	22.77	22.68	23.30
		1	25	22.84	22.79	22.82	23.30
		1	49	22.66	22.69	22.70	23.30
		25	0	21.51	21.52	21.37	22.30
		25	13	21.50	21.45	21.47	22.30
		25	25	21.41	21.58	21.37	22.30
		50	0	21.47	21.49	21.42	22.30
	64QAM	1	0	21.81	21.73	21.67	22.30
		1	25	21.82	21.77	21.74	22.30
		1	49	21.62	21.66	21.68	22.30
		25	0	20.44	20.60	20.37	21.30
		25	13	20.52	20.47	20.42	21.30
		25	25	20.48	20.50	20.46	21.30
		50	0	20.51	20.46	20.43	21.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.53	23.55	23.44	24.30
		1	38	23.55	23.50	23.51	24.30
		1	74	23.48	23.45	23.42	24.30
		36	0	22.56	22.61	22.39	23.30
		36	18	22.61	22.52	22.49	23.30
		36	39	22.44	22.59	22.47	23.30
		75	0	22.49	22.51	22.47	23.30
	16QAM	1	0	22.80	22.76	22.68	23.30
		1	38	22.84	22.75	22.80	23.30
		1	74	22.68	22.73	22.69	23.30
		36	0	21.52	21.56	21.35	22.30
		36	18	21.47	21.44	21.45	22.30
		36	39	21.42	21.57	21.38	22.30
		75	0	21.50	21.52	21.44	22.30
	64QAM	1	0	21.81	21.71	21.63	22.30
		1	38	21.79	21.78	21.73	22.30
		1	74	21.63	21.66	21.66	22.30
		36	0	20.48	20.55	20.37	21.30
		36	18	20.50	20.51	20.39	21.30
		36	39	20.49	20.52	20.44	21.30
		75	0	20.51	20.50	20.41	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.63	23.61	23.60	24.30
		1	50	23.62	23.59	23.60	24.30
		1	99	23.55	23.55	23.51	24.30
		50	0	22.69	22.70	22.61	23.30
		50	25	22.66	22.62	22.58	23.30
		50	50	22.51	22.69	22.54	23.30
		100	0	22.58	22.61	22.52	23.30
	16QAM	1	0	22.89	22.84	22.77	23.30
		1	50	22.89	22.85	22.87	23.30
		1	99	22.73	22.78	22.76	23.30
		50	0	21.58	21.61	21.44	22.30
		50	25	21.56	21.52	21.53	22.30
		50	50	21.49	21.64	21.47	22.30
		100	0	21.56	21.58	21.49	22.30
	64QAM	1	0	21.86	21.80	21.73	22.30
		1	50	21.88	21.87	21.82	22.30
		1	99	21.68	21.76	21.74	22.30
		50	0	20.53	20.65	20.47	21.30
		50	25	20.58	20.56	20.48	21.30
		50	50	20.54	20.60	20.51	21.30
		100	0	20.58	20.55	20.48	21.30
LTE Band 4 State 1				Conducted Power(dBm)			

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.64	20.78	20.63	21.30
		1	2	20.33	20.69	20.53	21.30
		1	5	20.40	20.60	20.60	21.30
		3	0	20.59	20.77	20.59	21.30
		3	2	20.63	20.61	20.59	21.30
		3	3	20.56	20.60	20.57	21.30
		6	0	20.57	20.54	20.55	21.30
	16QAM	1	0	20.61	20.69	20.64	21.30
		1	2	20.32	20.65	20.48	21.30
		1	5	20.42	20.63	20.63	21.30
		3	0	20.62	20.75	20.58	21.30
		3	2	20.57	20.57	20.58	21.30
		3	3	20.51	20.57	20.59	21.30
		6	0	20.61	20.55	20.54	21.30
	64QAM	1	0	20.58	20.69	20.60	21.30
		1	2	20.37	20.69	20.49	21.30
		1	5	20.44	20.59	20.61	21.30
		3	0	20.62	20.74	20.58	21.30
		3	2	20.55	20.64	20.59	21.30
		3	3	20.54	20.61	20.57	21.30
		6	0	20.59	20.53	20.56	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	20.61	20.75	20.68	21.30
		1	7	20.33	20.65	20.53	21.30
		1	14	20.42	20.60	20.59	21.30
		8	0	20.60	20.72	20.59	21.30
		8	4	20.61	20.59	20.54	21.30
		8	7	20.55	20.60	20.52	21.30
		15	0	20.59	20.55	20.56	21.30
	16QAM	1	0	20.60	20.69	20.63	21.30
		1	7	20.31	20.68	20.48	21.30
		1	14	20.46	20.64	20.65	21.30
		8	0	20.59	20.76	20.60	21.30
		8	4	20.59	20.58	20.59	21.30
		8	7	20.51	20.61	20.56	21.30
		15	0	20.58	20.56	20.57	21.30
	64QAM	1	0	20.62	20.69	20.65	21.30
		1	7	20.37	20.68	20.50	21.30
		1	14	20.44	20.62	20.59	21.30
		8	0	20.60	20.73	20.53	21.30
		8	4	20.60	20.65	20.60	21.30
		8	7	20.51	20.60	20.56	21.30
		15	0	20.57	20.54	20.59	21.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.63	20.75	20.65	21.30
		1	13	20.36	20.67	20.55	21.30
		1	24	20.45	20.61	20.64	21.30
		12	0	20.63	20.73	20.58	21.30
		12	6	20.60	20.64	20.58	21.30
		12	13	20.57	20.57	20.53	21.30
		25	0	20.60	20.56	20.57	21.30
	16QAM	1	0	20.59	20.71	20.61	21.30
		1	13	20.34	20.68	20.52	21.30
		1	24	20.46	20.64	20.63	21.30
		12	0	20.62	20.73	20.58	21.30
		12	6	20.57	20.60	20.57	21.30
		12	13	20.52	20.61	20.56	21.30
		25	0	20.60	20.58	20.58	21.30
	64QAM	1	0	20.61	20.67	20.60	21.30
		1	13	20.36	20.67	20.53	21.30
		1	24	20.44	20.58	20.64	21.30
		12	0	20.64	20.70	20.54	21.30
		12	6	20.60	20.62	20.61	21.30
		12	13	20.52	20.60	20.55	21.30
		25	0	20.59	20.54	20.56	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20.62	20.76	20.68	21.30
		1	25	20.34	20.68	20.52	21.30
		1	49	20.41	20.63	20.64	21.30
		25	0	20.59	20.75	20.60	21.30
		25	13	20.59	20.59	20.57	21.30
		25	25	20.56	20.60	20.55	21.30
		50	0	20.58	20.55	20.57	21.30
	16QAM	1	0	20.59	20.69	20.62	21.30
		1	25	20.34	20.68	20.53	21.30
		1	49	20.44	20.64	20.66	21.30
		25	0	20.60	20.74	20.58	21.30
		25	13	20.57	20.60	20.55	21.30
		25	25	20.52	20.62	20.56	21.30
		50	0	20.57	20.57	20.56	21.30
	64QAM	1	0	20.58	20.66	20.65	21.30
		1	25	20.33	20.68	20.53	21.30
		1	49	20.44	20.61	20.64	21.30
		25	0	20.63	20.72	20.57	21.30
		25	13	20.60	20.65	20.57	21.30
		25	25	20.52	20.59	20.58	21.30
		50	0	20.54	20.54	20.60	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	

				20025	20175	20325	
15MHz	QPSK	1	0	20.65	20.73	20.63	21.30
		1	38	20.36	20.69	20.53	21.30
		1	74	20.40	20.59	20.62	21.30
		36	0	20.60	20.74	20.57	21.30
		36	18	20.63	20.64	20.58	21.30
		36	39	20.53	20.60	20.53	21.30
		75	0	20.59	20.54	20.56	21.30
	16QAM	1	0	20.59	20.67	20.62	21.30
		1	38	20.34	20.69	20.53	21.30
		1	74	20.42	20.63	20.67	21.30
		36	0	20.62	20.74	20.56	21.30
		36	18	20.60	20.60	20.55	21.30
		36	39	20.54	20.61	20.54	21.30
		75	0	20.57	20.54	20.57	21.30
	64QAM	1	0	20.62	20.67	20.60	21.30
		1	38	20.32	20.66	20.54	21.30
		1	74	20.46	20.61	20.61	21.30
		36	0	20.61	20.69	20.56	21.30
		36	18	20.57	20.66	20.61	21.30
		36	39	20.52	20.61	20.58	21.30
		75	0	20.55	20.52	20.56	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.84	20.73	20.85	21.30
		1	50	20.54	20.68	20.72	21.30
		1	99	20.60	20.59	20.81	21.30
		50	0	20.82	20.73	20.80	21.30
		50	25	20.82	20.60	20.75	21.30
		50	50	20.76	20.61	20.75	21.30
		100	0	20.78	20.80	20.77	21.30
	16QAM	1	0	20.81	20.67	20.85	21.30
		1	50	20.52	20.68	20.69	21.30
		1	99	20.62	20.64	20.83	21.30
		50	0	20.81	20.75	20.78	21.30
		50	25	20.78	20.60	20.77	21.30
		50	50	20.70	20.59	20.78	21.30
		100	0	20.79	20.59	20.77	21.30
	64QAM	1	0	20.80	20.64	20.80	21.30
		1	50	20.54	20.69	20.73	21.30
		1	99	20.67	20.57	20.79	21.30
		50	0	20.83	20.70	20.75	21.30
		50	25	20.80	20.61	20.80	21.30
		50	50	20.70	20.62	20.74	21.30
		100	0	20.78	20.55	20.79	21.30

LTE Band 4 State 3/5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	20.14	20.04	20.19	20.80	
		1	2	19.84	19.98	20.03	20.80	
		1	5	19.94	19.90	20.15	20.80	
		3	0	20.15	20.04	20.14	20.80	
		3	2	20.15	19.90	20.05	20.80	
		3	3	20.09	19.95	20.07	20.80	
	16QAM	6	0	20.10	19.83	20.07	20.80	
		1	0	20.16	19.97	20.15	20.80	
		1	2	19.83	19.99	20.01	20.80	
		1	5	19.96	19.97	20.14	20.80	
		3	0	20.14	20.10	20.10	20.80	
		3	2	20.09	19.92	20.10	20.80	
	64QAM	3	3	20.02	19.93	20.10	20.80	
		6	0	20.10	19.94	20.07	20.80	
		1	0	20.11	19.99	20.12	20.80	
		1	2	19.89	20.01	20.05	20.80	
		1	5	19.97	19.88	20.09	20.80	
		3	0	20.18	20.05	20.08	20.80	
	3MHz	QPSK	3	2	20.12	19.95	20.13	20.80
			3	3	20.00	19.92	20.07	20.80
			6	0	20.08	19.85	20.11	20.80
1			0	20.15	20.04	20.15	20.80	
1			7	19.87	20.02	20.06	20.80	
1			14	19.94	19.89	20.11	20.80	
16QAM		8	0	20.13	20.07	20.14	20.80	
		8	4	20.16	19.90	20.08	20.80	
		8	7	20.07	19.94	20.06	20.80	
		15	0	20.12	19.88	20.10	20.80	
		1	0	20.14	19.97	20.19	20.80	
		1	7	19.85	20.01	20.04	20.80	
64QAM	1	14	19.93	19.96	20.16	20.80		
	8	0	20.11	20.08	20.09	20.80		
	8	4	20.12	19.94	20.11	20.80		
	8	7	20.04	19.89	20.08	20.80		
	15	0	20.14	19.93	20.08	20.80		
	1	0	20.11	19.99	20.13	20.80		
64QAM	1	7	19.88	20.00	20.03	20.80		
	1	14	20.02	19.87	20.12	20.80		
	8	0	20.18	20.00	20.09	20.80		
	8	4	20.11	19.93	20.11	20.80		
	8	7	20.02	19.95	20.08	20.80		
	8	7	20.02	19.95	20.08	20.80		

Bandwidth	Modulation	15	0	20.12	19.88	20.11	20.80	
		RB size	RB offset	Channel	Channel	Channel	Tune up	
5MHz	QPSK	1	0	19975	20175	20375	20.80	
		1	0	20.18	20.08	20.19	20.80	
		1	13	19.86	20.03	20.07	20.80	
		1	24	19.94	19.90	20.16	20.80	
		12	0	20.13	20.05	20.12	20.80	
		12	6	20.17	19.95	20.06	20.80	
		12	13	20.08	19.93	20.09	20.80	
	16QAM	25	0	20.10	19.85	20.07	20.80	
		1	0	20.12	20.00	20.18	20.80	
		1	13	19.86	20.02	20.01	20.80	
		1	24	19.94	19.98	20.13	20.80	
		12	0	20.13	20.07	20.11	20.80	
		12	6	20.12	19.94	20.09	20.80	
		12	13	20.03	19.92	20.10	20.80	
	64QAM	25	0	20.14	19.89	20.10	20.80	
		1	0	20.12	19.97	20.11	20.80	
		1	13	19.88	20.03	20.06	20.80	
		1	24	19.99	19.90	20.11	20.80	
		12	0	20.14	20.02	20.05	20.80	
		12	6	20.13	19.96	20.14	20.80	
		12	13	20.05	19.94	20.06	20.80	
	25	0	20.12	19.85	20.09	20.80		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20000	20175	20350	
10MHz	QPSK	1	0	20.15	20.07	20.19	20.80	
		1	25	19.86	19.98	20.07	20.80	
		1	49	19.94	19.90	20.15	20.80	
		25	0	20.16	20.08	20.14	20.80	
		25	13	20.15	19.90	20.10	20.80	
		25	25	20.06	19.93	20.07	20.80	
		50	0	20.09	19.87	20.09	20.80	
	16QAM	1	0	20.15	20.02	20.17	20.80	
		1	25	19.84	19.99	20.02	20.80	
		1	49	19.93	19.97	20.14	20.80	
		25	0	20.11	20.08	20.10	20.80	
		25	13	20.08	19.91	20.07	20.80	
		25	25	20.03	19.91	20.09	20.80	
		50	0	20.11	19.94	20.09	20.80	
	64QAM	1	0	20.14	19.99	20.14	20.80	
		1	25	19.84	20.01	20.06	20.80	
		1	49	20.00	19.88	20.12	20.80	
		25	0	20.18	20.01	20.07	20.80	
		25	13	20.15	19.95	20.10	20.80	
		25	25	20.05	19.96	20.07	20.80	
		50	0	20.13	19.85	20.13	20.80	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.14	20.03	20.16	20.80
		1	38	19.89	20.02	20.03	20.80
		1	74	19.94	19.91	20.13	20.80
		36	0	20.13	20.03	20.11	20.80
		36	18	20.14	19.92	20.09	20.80
		36	39	20.08	19.92	20.10	20.80
		75	0	20.10	19.87	20.07	20.80
	16QAM	1	0	20.12	20.00	20.20	20.80
		1	38	19.83	19.99	19.99	20.80
		1	74	19.96	19.94	20.17	20.80
		36	0	20.11	20.10	20.11	20.80
		36	18	20.12	19.93	20.12	20.80
		36	39	20.02	19.94	20.09	20.80
		75	0	20.14	19.90	20.09	20.80
	64QAM	1	0	20.11	19.96	20.10	20.80
		1	38	19.89	20.01	20.05	20.80
		1	74	20.00	19.91	20.14	20.80
		36	0	20.18	20.00	20.06	20.80
		36	18	20.15	19.93	20.10	20.80
		36	39	20.03	19.95	20.07	20.80
		75	0	20.13	19.89	20.14	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20.14	20.06	20.18	20.80
		1	50	19.86	19.98	20.07	20.80
		1	99	19.91	19.94	20.14	20.80
		50	0	20.12	20.06	20.10	20.80
		50	25	20.12	19.95	20.06	20.80
		50	50	20.08	19.91	20.09	20.80
		100	0	20.11	19.87	20.08	20.80
	16QAM	1	0	20.16	20.00	20.16	20.80
		1	50	19.85	19.99	20.04	20.80
		1	99	19.93	19.95	20.18	20.80
		50	0	20.13	20.05	20.09	20.80
		50	25	20.13	19.95	20.08	20.80
		50	50	20.04	19.92	20.12	20.80
		100	0	20.13	19.94	20.11	20.80
	64QAM	1	0	20.13	19.96	20.14	20.80
		1	50	19.87	20.04	20.04	20.80
		1	99	19.98	19.89	20.13	20.80
		50	0	20.14	20.00	20.10	20.80
		50	25	20.14	19.93	20.14	20.80
		50	50	20.00	19.93	20.06	20.80
		100	0	20.09	19.88	20.13	20.80

LTE Band 7 State 2/4/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.69	23.88	23.74	24.30
		1	13	23.87	23.87	23.79	24.30
		1	24	23.83	23.71	23.68	24.30
		12	0	22.71	22.89	22.90	23.30
		12	6	22.86	22.82	22.83	23.30
		12	13	22.85	22.85	22.77	23.30
		25	0	22.82	22.94	22.71	23.30
	16QAM	1	0	23.01	23.13	23.03	23.30
		1	13	23.15	23.10	23.03	23.30
		1	24	23.08	22.94	22.98	23.30
		12	0	21.65	21.91	21.79	22.30
		12	6	21.87	21.83	21.71	22.30
		12	13	21.80	21.78	21.74	22.30
		25	0	21.83	21.91	21.68	22.30
	64QAM	1	0	21.94	22.13	22.07	22.30
		1	13	22.14	22.02	22.06	22.30
		1	24	22.03	22.01	21.89	22.30
		12	0	20.72	20.89	20.69	21.30
		12	6	20.89	20.82	20.76	21.30
		12	13	20.89	20.83	20.74	21.30
		25	0	20.85	20.88	20.76	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.74	23.95	23.84	24.30
		1	25	23.93	23.93	23.88	24.30
		1	49	23.93	23.80	23.78	24.30
		25	0	22.79	22.97	22.95	23.30
		25	13	22.91	22.91	22.88	23.30
		25	25	22.91	22.90	22.83	23.30
		50	0	22.92	23.01	22.81	23.30
	16QAM	1	0	23.07	23.18	23.10	23.30
		1	25	23.20	23.16	23.12	23.30
		1	49	23.14	23.04	23.04	23.30
		25	0	21.75	22.00	21.84	22.30
		25	13	21.94	21.93	21.79	22.30
		25	25	21.90	21.87	21.81	22.30
		50	0	21.88	21.99	21.77	22.30
	64QAM	1	0	22.04	22.20	22.16	22.30
		1	25	22.20	22.12	22.14	22.30
		1	49	22.10	22.08	21.98	22.30
		25	0	20.78	20.98	20.77	21.30
		25	13	20.94	20.92	20.84	21.30
		25	25	20.97	20.93	20.79	21.30

Bandwidth	Modulation	50	0	20.93	20.98	20.85	21.30
		RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	23.73	23.98	23.83	24.30
		1	38	23.93	23.97	23.93	24.30
		1	74	23.93	23.80	23.80	24.30
		36	0	22.76	22.98	22.90	23.30
		36	18	22.95	22.89	22.87	23.30
		36	39	22.92	22.88	22.82	23.30
		75	0	22.90	22.98	22.85	23.30
	16QAM	1	0	23.09	23.19	23.12	23.30
		1	38	23.22	23.18	23.11	23.30
		1	74	23.17	23.04	23.04	23.30
		36	0	21.74	22.00	21.81	22.30
		36	18	21.94	21.95	21.84	22.30
		36	39	21.90	21.86	21.81	22.30
		75	0	21.89	21.98	21.80	22.30
	64QAM	1	0	22.02	22.19	22.17	22.30
		1	38	22.24	22.13	22.15	22.30
		1	74	22.10	22.07	21.99	22.30
		36	0	20.75	20.94	20.82	21.30
		36	18	20.94	20.88	20.84	21.30
		36	39	20.93	20.91	20.78	21.30
		75	0	20.95	20.96	20.83	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	24.01	24.03	24.00	24.30
		1	50	24.00	24.02	23.98	24.30
		1	99	24.00	23.88	23.86	24.30
		50	0	23.02	23.07	23.00	23.30
		50	25	23.01	22.99	22.96	23.30
		50	50	22.97	22.96	22.90	23.30
		100	0	22.97	23.07	22.91	23.30
	16QAM	1	0	23.16	23.28	23.20	23.30
		1	50	23.28	23.25	23.21	23.30
		1	99	23.22	23.11	23.12	23.30
		50	0	21.84	22.05	21.91	22.30
		50	25	21.99	22.02	21.89	22.30
		50	50	21.99	21.95	21.87	22.30
		100	0	21.98	22.05	21.87	22.30
	64QAM	1	0	22.11	22.29	22.23	22.30
		1	50	22.30	22.20	22.23	22.30
		1	99	22.17	22.13	22.07	22.30
		50	0	20.85	21.03	20.87	21.30
		50	25	21.00	20.98	20.91	21.30
		50	50	21.03	21.00	20.86	21.30
		100	0	21.01	21.04	20.91	21.30

LTE Band 7 State 1				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	20.55	20.43	20.60	20.80	
		1	13	20.27	20.41	20.45	20.80	
		1	24	20.32	20.30	20.55	20.80	
		12	0	20.57	20.44	20.55	20.80	
		12	6	20.57	20.30	20.45	20.80	
		12	13	20.49	20.34	20.48	20.80	
	16QAM	25	0	20.48	20.26	20.50	20.80	
		1	0	20.52	20.37	20.58	20.80	
		1	13	20.23	20.42	20.43	20.80	
		1	24	20.34	20.36	20.58	20.80	
		12	0	20.56	20.47	20.50	20.80	
		12	6	20.52	20.34	20.49	20.80	
	64QAM	12	13	20.45	20.33	20.49	20.80	
		25	0	20.49	20.30	20.50	20.80	
		1	0	20.50	20.38	20.52	20.80	
		1	13	20.26	20.41	20.44	20.80	
		1	24	20.41	20.31	20.49	20.80	
		12	0	20.57	20.44	20.48	20.80	
	10MHz	QPSK	12	6	20.54	20.34	20.51	20.80
			12	13	20.44	20.34	20.48	20.80
			25	0	20.53	20.28	20.51	20.80
1			0	20.59	20.43	20.60	20.80	
1			25	20.29	20.43	20.47	20.80	
1			49	20.30	20.29	20.56	20.80	
25			0	20.56	20.47	20.54	20.80	
16QAM		25	13	20.53	20.32	20.48	20.80	
		25	25	20.46	20.32	20.47	20.80	
		50	0	20.50	20.25	20.50	20.80	
		1	0	20.53	20.38	20.60	20.80	
		1	25	20.22	20.38	20.42	20.80	
		1	49	20.36	20.37	20.53	20.80	
		25	0	20.55	20.47	20.51	20.80	
64QAM		25	13	20.50	20.31	20.47	20.80	
	25	25	20.45	20.34	20.53	20.80		
	50	0	20.50	20.33	20.51	20.80		
	1	0	20.50	20.36	20.55	20.80		
	64QAM	1	25	20.24	20.40	20.44	20.80	
		1	49	20.38	20.28	20.52	20.80	
		25	0	20.56	20.42	20.45	20.80	
		25	0	20.56	20.42	20.45	20.80	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20825	21100	21375		
15MHz	QPSK	25	13	20.52	20.31	20.54	20.80	
		25	25	20.42	20.35	20.48	20.80	
		50	0	20.48	20.29	20.49	20.80	
		1	0	20.55	20.43	20.58	20.80	
		1	38	20.27	20.39	20.42	20.80	
		1	74	20.35	20.31	20.52	20.80	
		36	0	20.54	20.47	20.55	20.80	
	16QAM	36	18	20.54	20.33	20.46	20.80	
		36	39	20.50	20.31	20.47	20.80	
		75	0	20.53	20.27	20.48	20.80	
		1	0	20.55	20.40	20.60	20.80	
		1	38	20.22	20.38	20.40	20.80	
		1	74	20.36	20.37	20.56	20.80	
		36	0	20.51	20.48	20.48	20.80	
	64QAM	36	18	20.50	20.34	20.51	20.80	
		36	39	20.40	20.33	20.52	20.80	
		75	0	20.53	20.34	20.47	20.80	
		1	0	20.51	20.36	20.53	20.80	
		1	38	20.28	20.41	20.45	20.80	
		1	74	20.40	20.27	20.54	20.80	
		36	0	20.53	20.41	20.45	20.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
	20MHz	QPSK	1	0	20.56	20.58	20.55	20.80
1			50	20.25	20.43	20.42	20.80	
1			99	20.32	20.31	20.55	20.80	
50			0	20.55	20.44	20.55	20.80	
50			25	20.54	20.34	20.45	20.80	
50			50	20.48	20.32	20.47	20.80	
100			0	20.49	20.50	20.49	20.80	
16QAM		1	0	20.52	20.41	20.57	20.80	
		1	50	20.22	20.39	20.41	20.80	
		1	99	20.33	20.34	20.56	20.80	
		50	0	20.56	20.45	20.50	20.80	
		50	25	20.52	20.35	20.50	20.80	
		50	50	20.44	20.29	20.53	20.80	
		100	0	20.52	20.33	20.50	20.80	
64QAM		1	0	20.53	20.34	20.53	20.80	
		1	50	20.24	20.40	20.47	20.80	
		1	99	20.41	20.29	20.53	20.80	
		50	0	20.55	20.40	20.49	20.80	
		50	25	20.55	20.31	20.51	20.80	

		50	50	20.44	20.37	20.47	20.80
		100	0	20.49	20.30	20.49	20.80

LTE Band 7 State 3/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.65	19.58	19.70	20.30
		1	13	19.34	19.50	19.53	20.30
		1	24	19.43	19.42	19.64	20.30
		12	0	19.63	19.55	19.62	20.30
		12	6	19.64	19.41	19.57	20.30
		12	13	19.56	19.44	19.60	20.30
		25	0	19.61	19.38	19.57	20.30
	16QAM	1	0	19.64	19.52	19.70	20.30
		1	13	19.35	19.52	19.50	20.30
		1	24	19.42	19.47	19.67	20.30
		12	0	19.64	19.57	19.61	20.30
		12	6	19.61	19.41	19.62	20.30
		12	13	19.53	19.41	19.58	20.30
		25	0	19.63	19.41	19.62	20.30
	64QAM	1	0	19.60	19.48	19.63	20.30
		1	13	19.39	19.53	19.56	20.30
		1	24	19.48	19.37	19.63	20.30
		12	0	19.64	19.54	19.57	20.30
		12	6	19.60	19.43	19.62	20.30
		12	13	19.54	19.45	19.57	20.30
		25	0	19.60	19.37	19.63	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	19.67	19.57	19.67	20.30
		1	25	19.34	19.50	19.52	20.30
		1	49	19.40	19.44	19.64	20.30
		25	0	19.67	19.57	19.63	20.30
		25	13	19.63	19.41	19.57	20.30
		25	25	19.59	19.46	19.59	20.30
		50	0	19.60	19.36	19.60	20.30
	16QAM	1	0	19.63	19.52	19.65	20.30
		1	25	19.32	19.53	19.49	20.30
		1	49	19.44	19.48	19.68	20.30
		25	0	19.65	19.59	19.63	20.30
		25	13	19.63	19.44	19.57	20.30
		25	25	19.51	19.43	19.61	20.30
		50	0	19.59	19.40	19.61	20.30
	64QAM	1	0	19.62	19.49	19.62	20.30
		1	25	19.36	19.53	19.57	20.30
		1	49	19.52	19.40	19.63	20.30

		25	0	19.65	19.50	19.58	20.30
		25	13	19.63	19.44	19.61	20.30
		25	25	19.55	19.47	19.57	20.30
		50	0	19.62	19.35	19.59	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.64	19.56	19.69	20.30
		1	38	19.36	19.51	19.53	20.30
		1	74	19.45	19.42	19.62	20.30
		36	0	19.62	19.56	19.63	20.30
		36	18	19.64	19.43	19.56	20.30
		36	39	19.58	19.42	19.59	20.30
		75	0	19.59	19.35	19.58	20.30
	16QAM	1	0	19.64	19.49	19.67	20.30
		1	38	19.34	19.50	19.49	20.30
		1	74	19.47	19.48	19.64	20.30
		36	0	19.61	19.59	19.61	20.30
		36	18	19.63	19.42	19.57	20.30
		36	39	19.50	19.42	19.58	20.30
		75	0	19.64	19.40	19.58	20.30
	64QAM	1	0	19.64	19.48	19.60	20.30
		1	38	19.38	19.53	19.55	20.30
		1	74	19.48	19.39	19.61	20.30
		36	0	19.66	19.50	19.57	20.30
		36	18	19.62	19.43	19.60	20.30
		36	39	19.53	19.44	19.58	20.30
		75	0	19.58	19.38	19.64	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	19.74	19.81	19.75	20.30
		1	50	19.45	19.63	19.64	20.30
		1	99	19.53	19.54	19.74	20.30
		50	0	19.73	19.67	19.73	20.30
		50	25	19.72	19.51	19.65	20.30
		50	50	19.68	19.52	19.68	20.30
		100	0	19.72	19.45	19.69	20.30
	16QAM	1	0	19.76	19.58	19.78	20.30
		1	50	19.43	19.59	19.59	20.30
		1	99	19.52	19.59	19.74	20.30
		50	0	19.75	19.66	19.70	20.30
		50	25	19.68	19.52	19.71	20.30
		50	50	19.63	19.53	19.72	20.30
		100	0	19.71	19.51	19.70	20.30
	64QAM	1	0	19.71	19.54	19.70	20.30
		1	50	19.49	19.59	19.67	20.30
		1	99	19.59	19.48	19.71	20.30
		50	0	19.73	19.61	19.67	20.30

		50	25	19.75	19.52	19.75	20.30
		50	50	19.65	19.52	19.67	20.30
		100	0	19.69	19.46	19.71	20.30

LTE Band 38 State 2/4/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.80	24.00	23.95	24.30
		1	13	23.85	23.97	23.86	24.30
		1	24	23.85	23.98	23.87	24.30
		12	0	22.80	22.95	22.86	23.30
		12	6	22.79	22.93	22.86	23.30
		12	13	22.82	22.94	22.81	23.30
		25	0	22.29	22.47	22.35	23.30
	16QAM	1	0	22.49	22.70	22.63	23.30
		1	13	22.55	22.71	22.58	23.30
		1	24	22.56	22.69	22.59	23.30
		12	0	21.35	21.49	21.42	22.30
		12	6	21.28	21.53	21.41	22.30
		12	13	21.31	21.53	21.40	22.30
		25	0	21.32	21.53	21.43	22.30
	64QAM	1	0	21.45	21.66	21.66	22.30
		1	13	21.56	21.74	21.58	22.30
		1	24	21.58	21.70	21.60	22.30
		12	0	20.34	20.52	20.47	21.30
		12	6	20.28	20.55	20.37	21.30
		12	13	20.35	20.51	20.45	21.30
		25	0	20.30	20.56	20.48	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.64	23.84	23.85	24.30
		1	25	23.76	23.87	23.76	24.30
		1	49	23.75	23.74	23.60	24.30
		25	0	22.28	22.38	22.40	23.30
		25	13	22.29	22.39	22.37	23.30
		25	25	22.29	22.36	22.32	23.30
		50	0	22.28	22.38	22.35	23.30
	16QAM	1	0	22.45	22.61	22.59	23.30
		1	25	22.59	22.60	22.56	23.30
		1	49	22.51	22.52	22.39	23.30
		25	0	21.29	21.34	21.36	22.30
		25	13	21.29	21.37	21.34	22.30
		25	25	21.38	21.36	21.26	22.30
		50	0	21.32	21.36	21.33	22.30
	64QAM	1	0	21.46	21.64	21.68	22.30

		1	25	21.52	21.59	21.51	22.30
		1	49	21.47	21.55	21.37	22.30
		25	0	20.32	20.30	20.45	21.30
		25	13	20.35	20.40	20.31	21.30
		25	25	20.36	20.36	20.24	21.30
		50	0	20.27	20.37	20.37	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.65	23.80	23.84	24.30
		1	38	23.78	23.82	23.80	24.30
		1	74	23.73	23.71	23.58	24.30
		36	0	22.26	22.38	22.38	23.30
		36	18	22.30	22.40	22.38	23.30
		36	39	22.28	22.35	22.32	23.30
		75	0	22.26	22.38	22.35	23.30
	16QAM	1	0	22.44	22.60	22.63	23.30
		1	38	22.56	22.60	22.53	23.30
		1	74	22.48	22.51	22.37	23.30
		36	0	21.31	21.35	21.36	22.30
		36	18	21.26	21.36	21.29	22.30
		36	39	21.33	21.37	21.29	22.30
		75	0	21.28	21.38	21.35	22.30
	64QAM	1	0	21.45	21.60	21.63	22.30
		1	38	21.52	21.58	21.51	22.30
		1	74	21.51	21.52	21.38	22.30
		36	0	20.32	20.35	20.43	21.30
		36	18	20.33	20.42	20.33	21.30
		36	39	20.35	20.36	20.23	21.30
		75	0	20.25	20.39	20.42	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.71	23.89	23.92	24.30
		1	50	23.86	23.92	23.93	24.30
		1	99	23.81	23.81	23.68	24.30
		50	0	22.36	22.43	22.47	23.30
		50	25	22.38	22.45	22.48	23.30
		50	50	22.38	22.42	22.37	23.30
		100	0	22.35	22.45	22.42	23.30
	16QAM	1	0	22.50	22.68	22.69	23.30
		1	50	22.64	22.67	22.63	23.30
		1	99	22.58	22.59	22.46	23.30
		50	0	21.39	21.43	21.46	22.30
		50	25	21.35	21.44	21.39	22.30
		50	50	21.43	21.45	21.35	22.30
		100	0	21.38	21.43	21.43	22.30
	64QAM	1	0	21.54	21.69	21.73	22.30
1		50	21.62	21.66	21.59	22.30	

		1	99	21.57	21.60	21.44	22.30
		50	0	20.40	20.40	20.50	21.30
		50	25	20.40	20.48	20.40	21.30
		50	50	20.44	20.41	20.31	21.30
		100	0	20.34	20.46	20.47	21.30

LTE Band 38 State 1/3/5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	22.55	22.47	22.58	22.80	
		1	13	22.24	22.33	22.41	22.80	
		1	24	22.29	22.28	22.49	22.80	
		12	0	22.49	22.47	22.52	22.80	
		12	6	22.56	22.30	22.45	22.80	
		12	13	22.43	22.32	22.44	22.80	
		25	0	22.48	22.23	22.47	22.80	
	16QAM	1	0	22.51	22.37	22.52	22.80	
		1	13	22.21	22.39	22.37	22.80	
		1	24	22.32	22.34	22.54	22.80	
		12	0	22.03	22.11	22.08	22.30	
		12	6	21.97	22.04	22.06	22.30	
		12	13	22.08	22.14	21.99	22.30	
		25	0	22.03	22.09	22.08	22.30	
	64QAM	1	0	21.72	21.89	21.87	22.30	
		1	13	21.80	21.83	21.77	22.30	
		1	24	21.74	21.74	21.61	22.30	
		12	0	20.55	20.55	20.70	21.30	
		12	6	20.56	20.65	20.54	21.30	
		12	13	20.64	20.58	20.49	21.30	
		25	0	20.50	20.63	20.63	21.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37800	38000	38200	
	10MHz	QPSK	1	0	22.55	22.48	22.57	22.80
1			25	22.20	22.38	22.44	22.80	
1			49	22.30	22.28	22.53	22.80	
25			0	22.52	22.42	22.49	22.80	
25			13	22.53	22.29	22.48	22.80	
25			25	22.43	22.31	22.43	22.80	
50			0	22.49	22.25	22.49	22.80	
16QAM		1	0	22.52	22.34	22.54	22.80	
		1	25	22.21	22.39	22.40	22.80	
		1	49	22.31	22.33	22.54	22.80	
		25	0	21.99	22.11	22.06	22.30	
		25	13	21.95	22.08	22.01	22.30	
		25	25	22.07	22.10	22.00	22.30	

		50	0	22.03	22.09	22.12	22.30	
	64QAM	1	0	21.71	21.87	21.89	22.30	
		1	25	21.77	21.83	21.76	22.30	
		1	49	21.74	21.74	21.61	22.30	
		25	0	20.58	20.52	20.65	21.30	
		25	13	20.52	20.60	20.54	21.30	
		25	25	20.62	20.55	20.48	21.30	
		50	0	20.48	20.59	20.65	21.30	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	37825				38000	38175		
15MHz	QPSK	1	0	22.54	22.44	22.58	22.80	
		1	38	22.22	22.37	22.43	22.80	
		1	74	22.30	22.26	22.51	22.80	
		36	0	22.47	22.47	22.52	22.80	
		36	18	22.55	22.29	22.44	22.80	
		36	39	22.48	22.27	22.43	22.80	
		75	0	22.44	22.25	22.51	22.80	
	16QAM	1	0	22.50	22.36	22.54	22.80	
		1	38	22.25	22.39	22.41	22.80	
		1	74	22.32	22.33	22.52	22.80	
		36	0	22.00	22.09	22.09	22.30	
		36	18	21.99	22.09	22.01	22.30	
		36	39	22.11	22.13	22.00	22.30	
		75	0	22.03	22.04	22.09	22.30	
	64QAM	1	0	21.70	21.89	21.89	22.30	
		1	38	21.81	21.81	21.78	22.30	
		1	74	21.71	21.74	21.61	22.30	
		36	0	20.54	20.56	20.68	21.30	
		36	18	20.54	20.61	20.53	21.30	
		36	39	20.62	20.57	20.46	21.30	
		75	0	20.50	20.59	20.62	21.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37850	38000	38150	
	20MHz	QPSK	1	0	22.60	22.53	22.64	22.80
			1	50	22.30	22.43	22.49	22.80
			1	99	22.37	22.34	22.59	22.80
			50	0	22.61	22.52	22.63	22.80
			50	25	22.62	22.39	22.54	22.80
50			50	22.53	22.37	22.52	22.80	
100			0	22.54	22.55	22.57	22.80	
16QAM		1	0	22.59	22.42	22.60	22.80	
		1	50	22.30	22.48	22.46	22.80	
		1	99	22.39	22.41	22.62	22.80	
		50	0	22.09	22.17	22.16	22.30	
		50	25	22.05	22.14	22.11	22.30	
		50	50	22.17	22.20	22.06	22.30	
		100	0	22.09	22.14	22.17	22.30	

64QAM	1	0	21.78	21.94	21.95	22.30
	1	50	21.87	21.88	21.83	22.30
	1	99	21.81	21.80	21.66	22.30
	50	0	20.63	20.62	20.75	21.30
	50	25	20.62	20.70	20.62	21.30
	50	50	20.69	20.64	20.55	21.30
	100	0	20.55	20.68	20.71	21.30

LTE Band 41 PC3 State 2/4/6				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	23.21	23.32	23.54	23.42	23.22	23.80	
		1	13	23.29	23.34	23.61	23.36	23.12	23.80	
		1	24	23.3	23.27	23.48	23.16	22.93	23.80	
		12	0	22.22	22.34	22.61	22.44	22.3	22.80	
		12	6	22.32	22.36	22.59	22.37	22.21	22.80	
		12	13	22.35	22.34	22.57	22.39	22.09	22.80	
	16QAM	25	0	22.29	22.35	22.57	22.39	22.2	22.80	
		1	0	22.43	22.6	22.8	22.69	22.51	22.80	
		1	13	22.56	22.56	22.6	22.62	22.39	22.80	
		1	24	22.55	22.52	22.71	22.41	22.24	22.80	
		12	0	21.25	21.38	21.59	21.44	21.3	21.80	
		12	6	21.33	21.36	21.63	21.4	21.18	21.80	
	64QAM	12	13	21.42	21.35	21.56	21.34	21.12	21.80	
		25	0	21.31	21.34	21.6	21.45	21.16	21.80	
		1	0	21.43	21.56	21.72	21.66	21.46	21.80	
		1	13	21.60	21.53	21.78	21.58	21.41	21.80	
		1	24	21.58	21.48	21.73	21.41	21.22	21.80	
		12	0	20.25	20.35	20.56	20.38	20.29	20.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39700	40160	40620	41080	41540	
	10MHz	QPSK	1	0	23.19	23.34	23.54	23.45	23.23	23.80
1			25	23.34	23.31	23.61	23.39	23.13	23.80	
1			49	23.34	23.25	23.47	23.11	22.95	23.80	
25			0	22.23	22.39	22.56	22.45	22.28	22.80	
25			13	22.32	22.39	22.58	22.37	22.19	22.80	
25			25	22.37	22.29	22.59	22.4	22.07	22.80	
16QAM		50	0	22.33	22.33	22.56	22.35	22.21	22.80	
		1	0	22.44	22.59	22.51	22.66	22.48	22.80	
		1	25	22.57	22.6	22.6	22.63	22.41	22.80	
		1	49	22.59	22.53	22.68	22.42	22.2	22.80	
25	0	21.27	21.35	21.59	21.41	21.28	21.80			
25	13	21.3	21.35	21.61	21.43	21.17	21.80			

		25	25	21.4	21.33	21.55	21.33	21.09	21.80	
		50	0	21.35	21.38	21.6	21.44	21.16	21.80	
	64QAM	1	0	21.45	21.59	21.76	21.64	21.42	21.80	
		1	25	21.60	21.57	21.76	21.59	21.42	21.80	
		1	49	21.57	21.52	21.73	21.40	21.21	21.80	
		25	0	20.22	20.34	20.56	20.42	20.29	20.80	
		25	13	20.31	20.40	20.60	20.40	20.18	20.80	
		25	25	20.36	20.30	20.56	20.38	20.07	20.80	
50	0	20.35	20.34	20.63	20.44	20.24	20.80			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	QPSK	1	0	23.21	23.33	23.54	23.41	23.22	23.80	
		1	38	23.34	23.31	23.6	23.36	23.14	23.80	
		1	74	23.33	23.27	23.46	23.12	22.96	23.80	
		36	0	22.24	22.39	22.56	22.45	22.28	22.80	
		36	18	22.35	22.4	22.57	22.41	22.2	22.80	
		36	39	22.38	22.31	22.54	22.38	22.05	22.80	
		75	0	22.31	22.32	22.55	22.39	22.19	22.80	
	16QAM	1	0	22.41	22.61	22.4	22.69	22.48	22.80	
		1	38	22.59	22.6	22.56	22.59	22.41	22.80	
		1	74	22.57	22.49	22.69	22.39	22.21	22.80	
		36	0	21.27	21.33	21.58	21.41	21.3	21.80	
		36	18	21.28	21.37	21.61	21.41	21.18	21.80	
		36	39	21.4	21.33	21.55	21.34	21.07	21.80	
		75	0	21.32	21.36	21.65	21.45	21.17	21.80	
	64QAM	1	0	21.44	21.58	21.71	21.62	21.43	21.80	
		1	38	21.57	21.56	21.76	21.59	21.38	21.80	
		1	74	21.58	21.49	21.75	21.45	21.22	21.80	
		36	0	20.24	20.36	20.55	20.41	20.32	20.80	
		36	18	20.35	20.38	20.56	20.43	20.22	20.80	
		36	39	20.38	20.31	20.55	20.40	20.08	20.80	
		75	0	20.36	20.36	20.64	20.42	20.23	20.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
	20MHz	QPSK	1	0	23.29	23.42	23.63	23.51	23.32	23.80
1			50	23.39	23.44	23.69	23.52	23.33	23.80	
1			99	23.39	23.33	23.55	23.21	23.02	23.80	
50			0	22.29	22.44	22.66	22.51	22.37	22.80	
50			25	22.41	22.46	22.67	22.52	22.39	22.80	
50			50	22.44	22.39	22.64	22.46	22.14	22.80	
100			0	22.38	22.4	22.65	22.45	22.28	22.80	
16QAM		1	0	22.51	22.67	22.55	22.75	22.56	22.80	
		1	50	22.64	22.66	22.65	22.68	22.49	22.80	
		1	99	22.65	22.58	22.76	22.49	22.3	22.80	
		50	0	21.34	21.43	21.68	21.51	21.38	21.80	
		50	25	21.38	21.43	21.69	21.5	21.27	21.80	
		50	50	21.47	21.4	21.65	21.42	21.17	21.80	

		100	0	21.4	21.43	21.7	21.51	21.26	21.80
	64QAM	1	0	21.50	21.64	21.55	21.71	21.52	21.80
		1	50	21.65	21.62	21.61	21.64	21.47	21.80
		1	99	21.63	21.57	21.80	21.50	21.30	21.80
		50	0	20.31	20.43	20.65	20.47	20.37	20.80
		50	25	20.40	20.46	20.65	20.50	20.27	20.80
		50	50	20.43	20.39	20.61	20.46	20.14	20.80
		100	0	20.42	20.42	20.70	20.52	20.29	20.80

LTE Band 41 PC3 State 1/3/5				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	22.46	22.62	22.81	22.69	22.51	23.30
		1	13	22.58	22.64	22.89	22.67	22.47	23.30
		1	24	22.62	22.62	22.83	22.5	22.28	23.30
		12	0	22.14	22.24	22.55	22.35	22.21	22.80
		12	6	22.24	22.26	22.49	22.31	22.16	22.80
		12	13	22.25	22.25	22.52	22.33	22	22.80
		25	0	22.23	22.28	22.49	22.29	22.15	22.80
	16QAM	1	0	22.33	22.53	22.73	22.6	22.44	22.80
		1	13	22.51	22.47	22.78	22.53	22.34	22.80
		1	24	22.45	22.47	22.61	22.31	22.18	22.80
		12	0	21.2	21.28	21.49	21.39	21.24	21.80
		12	6	21.26	21.27	21.53	21.34	21.11	21.80
		12	13	21.34	21.26	21.47	21.27	21.04	21.80
		25	0	21.24	21.24	21.5	21.39	21.1	21.80
	64QAM	1	0	21.34	21.51	21.63	21.58	21.39	21.80
		1	13	21.53	21.46	21.68	21.49	21.33	21.80
		1	24	21.53	21.38	21.65	21.32	21.15	21.80
		12	0	20.16	20.26	20.51	20.29	20.21	20.80
		12	6	20.23	20.32	20.54	20.39	20.15	20.80
		12	13	20.32	20.23	20.48	20.28	19.99	20.80
		25	0	20.27	20.27	20.54	20.38	20.13	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	22.5	22.66	22.85	22.67	22.56	23.30
		1	25	22.61	22.67	22.89	22.65	22.46	23.30
		1	49	22.57	22.58	22.78	22.41	22.2	23.30
		25	0	22.16	22.29	22.51	22.38	22.22	22.80
		25	13	22.24	22.3	22.51	22.29	22.13	22.80
		25	25	22.28	22.28	22.47	22.31	22.03	22.80
		50	0	22.24	22.25	22.52	22.3	22.1	22.80
	16QAM	1	0	22.37	22.54	22.75	22.63	22.41	22.80
		1	25	22.47	22.49	22.75	22.52	22.29	22.80
		1	49	22.5	22.43	22.66	22.33	22.17	22.80
		25	0	21.18	21.28	21.52	21.39	21.24	21.80

		25	13	21.26	21.29	21.55	21.32	21.13	21.80
		25	25	21.35	21.25	21.47	21.27	21.02	21.80
		50	0	21.25	21.29	21.53	21.36	21.08	21.80
	64QAM	1	0	21.34	21.50	21.62	21.57	21.40	21.80
		1	25	21.52	21.47	21.73	21.53	21.33	21.80
		1	49	21.49	21.40	21.63	21.32	21.13	21.80
		25	0	20.16	20.29	20.47	20.28	20.19	20.80
		25	13	20.23	20.30	20.49	20.34	20.14	20.80
		25	25	20.28	20.22	20.48	20.31	20.01	20.80
		50	0	20.25	20.24	20.57	20.39	20.13	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	22.54	22.64	22.87	22.68	22.52	23.30
		1	38	22.55	22.66	22.95	22.7	22.42	23.30
		1	74	22.65	22.58	22.75	22.41	22.19	23.30
		36	0	22.16	22.27	22.55	22.37	22.25	22.80
		36	18	22.23	22.31	22.53	22.32	22.15	22.80
		36	39	22.25	22.25	22.48	22.29	21.99	22.80
		75	0	22.24	22.27	22.5	22.32	22.15	22.80
	16QAM	1	0	22.38	22.54	22.7	22.62	22.46	22.80
		1	38	22.51	22.48	22.76	22.56	22.32	22.80
		1	74	22.45	22.47	22.63	22.36	22.16	22.80
		36	0	21.19	21.3	21.5	21.38	21.24	21.80
		36	18	21.28	21.29	21.56	21.31	21.13	21.80
		36	39	21.35	21.25	21.5	21.24	21.06	21.80
		75	0	21.24	21.29	21.52	21.35	21.11	21.80
	64QAM	1	0	21.38	21.50	21.66	21.60	21.38	21.80
		1	38	21.52	21.44	21.72	21.53	21.33	21.80
		1	74	21.48	21.42	21.66	21.35	21.15	21.80
		36	0	20.20	20.27	20.48	20.30	20.20	20.80
		36	18	20.24	20.35	20.49	20.34	20.15	20.80
		36	39	20.28	20.26	20.48	20.32	20.03	20.80
		75	0	20.23	20.26	20.59	20.36	20.16	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	22.52	22.59	22.86	22.76	22.55	23.30
		1	50	22.63	22.68	22.95	22.80	22.56	23.30
		1	99	22.62	22.56	22.78	22.5	22.19	23.30
		50	0	22.3	22.35	22.53	22.35	22.19	22.80
		50	25	22.24	22.3	22.5	22.31	22.11	22.80
		50	50	22.29	22.24	22.48	22.3	22.02	22.80
		100	0	22.23	22.3	22.47	22.3	22.15	22.80
	16QAM	1	0	22.35	22.5	22.7	22.6	22.41	22.80
		1	50	22.5	22.48	22.73	22.54	22.32	22.80
		1	99	22.45	22.43	22.65	22.36	22.19	22.80
		50	0	21.16	21.32	21.51	21.39	21.22	21.80
		50	25	21.28	21.31	21.57	21.34	21.11	21.80

		50	50	21.35	21.3	21.48	21.28	21.07	21.80
		100	0	21.26	21.26	21.5	21.35	21.1	21.80
	64QAM	1	0	21.38	21.47	21.66	21.60	21.37	21.80
		1	50	21.51	21.45	21.72	21.49	21.33	21.80
		1	99	21.52	21.40	21.63	21.33	21.17	21.80
		50	0	20.18	20.30	20.47	20.28	20.23	20.80
		50	25	20.25	20.34	20.54	20.36	20.12	20.80
		50	50	20.30	20.23	20.44	20.29	19.99	20.80
		100	0	20.22	20.25	20.55	20.39	20.14	20.80

LTE Band 41 PC2 State 2/4/6				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	24.99	25.12	25.38	25.19	25.08	25.80	
		1	13	25.15	25.12	25.36	25.26	25.07	25.80	
		1	24	25.07	25.01	25.19	24.95	24.68	25.80	
		12	0	24.04	24.14	24.32	24.25	24.16	24.80	
		12	6	24.02	24.17	24.42	24.2	24.04	24.80	
		12	13	24.12	24.1	24.38	24.17	23.91	24.80	
		25	0	24.08	24.07	24.27	24.13	24.04	24.80	
	16QAM	1	0	24.19	24.36	24.19	24.43	24.28	24.80	
		1	13	24.3	24.38	24.38	24.39	24.22	24.80	
		1	24	24.33	24.31	24.48	24.25	23.99	24.80	
		12	0	23.06	23.15	23.39	23.28	23.08	23.80	
		12	6	23.05	23.04	23.43	23.17	22.88	23.80	
		12	13	23.09	23.1	23.43	23.06	22.87	23.80	
		25	0	23	23.11	23.46	23.17	22.92	23.80	
	64QAM	1	0	23.21	23.28	23.23	23.40	23.16	23.80	
		1	13	23.31	23.34	23.27	23.39	23.24	23.80	
		1	24	23.39	23.19	23.41	23.15	23.07	23.80	
		12	0	21.95	22.13	22.36	22.12	22.09	22.80	
		12	6	22.10	22.10	22.29	22.22	22.01	22.80	
		12	13	22.15	22.02	22.37	22.19	21.89	22.80	
		25	0	22.17	22.14	22.36	22.19	22.01	22.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39700	40160	40620	41080	41540	
	10MHz	QPSK	1	0	24.97	25.11	25.34	25.21	25.06	25.80
1			25	25.16	25.12	25.33	25.22	25.03	25.80	
1			49	25.09	25.03	25.28	24.97	24.74	25.80	
25			0	23.99	24.24	24.31	24.26	24.16	24.80	
25			13	24.04	24.2	24.44	24.14	24.05	24.80	
25			25	24.17	24.13	24.33	24.15	23.9	24.80	
50			0	24.11	24.11	24.3	24.2	24.05	24.80	
16QAM		1	0	24.15	24.4	24.24	24.39	24.26	24.80	
		1	25	24.39	24.35	24.35	24.35	24.23	24.80	
		1	49	24.38	24.27	24.41	24.21	24.02	24.80	

		25	0	23.07	23.11	23.31	23.22	23.08	23.80
		25	13	23	23.1	23.44	23.13	22.87	23.80
		25	25	23.08	23.11	23.42	23.02	22.89	23.80
		50	0	23.01	23.11	23.39	23.11	22.9	23.80
	64QAM	1	0	23.30	23.25	23.25	23.36	23.22	23.80
		1	25	23.30	23.29	23.29	23.41	23.18	23.80
		1	49	23.37	23.21	23.46	23.20	23.07	23.80
		25	0	21.91	22.14	22.32	22.10	22.05	22.80
		25	13	22.10	22.10	22.28	22.17	22.03	22.80
		25	25	22.22	22.09	22.37	22.10	21.83	22.80
50	0	22.09	22.13	22.39	22.23	22.03	22.80		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.98	25.21	25.35	25.27	25.07	25.80
		1	38	25.1	25.08	25.31	25.28	25.04	25.80
		1	74	25.17	25.05	25.28	25	24.69	25.80
		36	0	24	24.15	24.35	24.29	24.16	24.80
		36	18	24.02	24.23	24.36	24.18	24.11	24.80
		36	39	24.09	24.15	24.33	24.18	23.86	24.80
		75	0	24.18	24.09	24.35	24.13	24.06	24.80
	16QAM	1	0	24.2	24.44	24.17	24.41	24.32	24.80
		1	38	24.31	24.43	24.31	24.37	24.18	24.80
		1	74	24.36	24.3	24.44	24.24	23.99	24.80
		36	0	23.05	23.09	23.39	23.22	23.13	23.80
		36	18	22.99	23.13	23.41	23.21	22.95	23.80
		36	39	23.18	23.11	23.4	23.12	22.83	23.80
		75	0	23.02	23.05	23.47	23.16	22.9	23.80
	64QAM	1	0	23.29	23.31	23.21	23.33	23.22	23.80
		1	38	23.36	23.28	23.25	23.42	23.15	23.80
		1	74	23.30	23.25	23.43	23.16	23.08	23.80
		36	0	21.97	22.11	22.34	22.15	22.02	22.80
		36	18	22.18	22.11	22.30	22.19	22.01	22.80
		36	39	22.18	22.07	22.28	22.13	21.93	22.80
		75	0	22.09	22.14	22.39	22.15	22.05	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	25.11	25.26	25.43	25.33	25.15	25.80
		1	50	25.23	25.21	25.46	25.33	25.13	25.80
		1	99	25.22	25.1	25.33	25.06	24.8	25.80
		50	0	24.1	24.29	24.44	24.36	24.22	24.80
		50	25	24.17	24.29	24.5	24.27	24.17	24.80
		50	50	24.22	24.21	24.45	24.23	23.98	24.80
		100	0	24.23	24.17	24.41	24.27	24.11	24.80
	16QAM	1	0	24.27	24.51	24.3	24.52	24.38	24.80
		1	50	24.45	24.48	24.46	24.49	24.32	24.80
		1	99	24.45	24.37	24.54	24.3	24.13	24.80
50		0	23.13	23.22	23.45	23.35	23.18	23.80	

		50	25	23.13	23.19	23.49	23.27	23.02	23.80
		50	50	23.23	23.22	23.5	23.17	22.95	23.80
		100	0	23.15	23.2	23.52	23.26	23.02	23.80
	64QAM	1	0	23.35	23.40	23.36	23.46	23.27	23.80
		1	50	23.44	23.42	23.36	23.47	23.29	23.80
		1	99	23.44	23.32	23.55	23.28	23.15	23.80
		50	0	22.06	22.24	22.44	22.24	22.14	22.80
		50	25	22.23	22.22	22.42	22.28	22.09	22.80
		50	50	22.27	22.17	22.43	22.24	21.98	22.80
		100	0	22.22	22.27	22.51	22.28	22.11	22.80

LTE Band 41 PC2 State 1/3/5				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	24.66	24.79	24.92	24.85	24.64	25.30
		1	13	24.75	24.69	24.99	24.78	24.65	25.30
		1	24	24.7	24.63	24.78	24.58	24.26	25.30
		12	0	24.05	24.14	24.33	24.26	24.12	24.80
		12	6	24.05	24.23	24.39	24.15	24.07	24.80
		12	13	24.12	24.11	24.33	24.11	23.87	24.80
		25	0	24.14	24.04	24.33	24.18	24.04	24.80
	16QAM	1	0	24.19	24.44	24.15	24.44	24.31	24.80
		1	13	24.32	24.37	24.39	24.37	24.2	24.80
		1	24	24.32	24.23	24.42	24.2	24.07	24.80
		12	0	23.08	23.15	23.34	23.21	23.06	23.80
		12	6	23.01	23.13	23.44	23.18	22.87	23.80
		12	13	23.17	23.08	23.41	23.04	22.88	23.80
		25	0	23.08	23.09	23.44	23.17	22.9	23.80
	64QAM	1	0	23.20	23.26	23.28	23.40	23.21	23.80
		1	13	23.33	23.31	23.26	23.32	23.17	23.80
		1	24	23.38	23.27	23.48	23.14	23.05	23.80
		12	0	22.01	22.17	22.37	22.12	22.06	22.80
		12	6	22.11	22.17	22.27	22.21	21.94	22.80
		12	13	22.16	22.03	22.33	22.10	21.89	22.80
		25	0	22.08	22.19	22.38	22.20	21.99	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	24.61	24.78	24.93	24.88	24.62	25.30
		1	25	24.78	24.75	24.94	24.88	24.67	25.30
		1	49	24.73	24.62	24.79	24.58	24.29	25.30
		25	0	23.97	24.17	24.29	24.24	24.1	24.80
		25	13	24.03	24.14	24.42	24.2	24.06	24.80
		25	25	24.14	24.14	24.37	24.12	23.84	24.80
		50	0	24.16	24.06	24.36	24.16	23.97	24.80
	16QAM	1	0	24.16	24.39	24.21	24.45	24.25	24.80
		1	25	24.3	24.34	24.36	24.37	24.26	24.80

		1	49	24.37	24.27	24.45	24.18	24.01	24.80	
		25	0	23.02	23.1	23.33	23.2	23.1	23.80	
		25	13	23.07	23.14	23.43	23.13	22.96	23.80	
		25	25	23.12	23.15	23.39	23.04	22.89	23.80	
		50	0	23.1	23.14	23.47	23.14	22.88	23.80	
	64QAM	1	0	23.24	23.33	23.25	23.37	23.14	23.80	
		1	25	23.39	23.37	23.29	23.35	23.20	23.80	
		1	49	23.34	23.19	23.45	23.13	23.05	23.80	
		25	0	21.95	22.13	22.35	22.17	22.01	22.80	
		25	13	22.10	22.14	22.36	22.23	21.98	22.80	
		25	25	22.22	22.10	22.36	22.11	21.84	22.80	
		50	0	22.13	22.16	22.41	22.20	21.97	22.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.61	24.72	24.92	24.87	24.66	25.30	
		1	38	24.7	24.73	24.95	24.79	24.59	25.30	
		1	74	24.7	24.59	24.8	24.57	24.33	25.30	
		36	0	23.99	24.22	24.36	24.24	24.08	24.80	
		36	18	24.04	24.19	24.36	24.21	24.1	24.80	
		36	39	24.07	24.08	24.39	24.09	23.83	24.80	
		75	0	24.12	24.09	24.36	24.17	23.96	24.80	
	16QAM	1	0	24.16	24.43	24.16	24.4	24.28	24.80	
		1	38	24.36	24.41	24.38	24.43	24.17	24.80	
		1	74	24.35	24.29	24.44	24.24	24.03	24.80	
		36	0	23.04	23.13	23.39	23.2	23.08	23.80	
		36	18	22.99	23.14	23.38	23.18	22.94	23.80	
		36	39	23.12	23.07	23.42	23.05	22.81	23.80	
		75	0	23.01	23.07	23.43	23.15	22.95	23.80	
	64QAM	1	0	23.23	23.26	23.31	23.38	23.12	23.80	
		1	38	23.34	23.35	23.21	23.40	23.20	23.80	
		1	74	23.34	23.18	23.44	23.22	23.07	23.80	
		36	0	22.00	22.15	22.30	22.18	22.04	22.80	
		36	18	22.10	22.07	22.28	22.20	21.99	22.80	
		36	39	22.22	22.09	22.35	22.19	21.92	22.80	
		75	0	22.17	22.15	22.46	22.13	22.03	22.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
	20MHz	QPSK	1	0	24.64	24.73	24.93	24.87	24.62	25.30
1			50	24.77	24.76	24.94	24.88	24.63	25.30	
1			99	24.75	24.57	24.82	24.52	24.3	25.30	
50			0	23.98	24.15	24.39	24.3	24.17	24.80	
50			25	24.1	24.23	24.4	24.14	24.1	24.80	
50			50	24.07	24.1	24.35	24.13	23.87	24.80	
100			0	24.1	24.12	24.27	24.2	23.97	24.80	
16QAM		1	0	24.22	24.37	24.17	24.41	24.28	24.80	
		1	50	24.33	24.38	24.41	24.37	24.21	24.80	
		1	99	24.35	24.28	24.47	24.23	24.07	24.80	

		50	0	23.01	23.15	23.39	23.25	23.08	23.80
		50	25	23.04	23.1	23.43	23.14	22.95	23.80
		50	50	23.16	23.12	23.38	23.11	22.88	23.80
		100	0	23.09	23.15	23.45	23.11	22.91	23.80
	64QAM	1	0	23.24	23.34	23.25	23.33	23.20	23.80
		1	50	23.34	23.35	23.25	23.36	23.20	23.80
		1	99	23.35	23.25	23.46	23.20	23.02	23.80
		50	0	21.98	22.18	22.30	22.14	22.03	22.80
		50	25	22.14	22.12	22.28	22.15	21.99	22.80
		50	50	22.13	22.02	22.30	22.10	21.93	22.80
		100	0	22.09	22.21	22.39	22.18	22.04	22.80

LTE Band 66 State 2/4/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	24.25	24.19	24.18	24.80	
		1	2	24.24	24.18	24.18	24.80	
		1	5	24.23	24.16	24.17	24.80	
		3	0	24.25	24.19	24.18	24.80	
		3	1	24.28	24.23	24.19	24.80	
		3	3	24.23	24.19	24.20	24.80	
	16QAM	6	0	23.25	23.17	23.21	23.80	
		1	0	23.42	23.34	23.32	23.80	
		1	2	23.40	23.34	23.34	23.80	
		1	5	23.36	23.34	23.28	23.80	
		3	0	23.28	23.23	23.26	23.80	
		3	1	23.32	23.25	23.21	23.80	
	64QAM	3	3	23.31	23.22	23.16	23.80	
		6	0	22.27	22.18	22.15	22.80	
		1	0	22.41	22.32	22.32	22.80	
		1	2	22.40	22.29	22.31	22.80	
		1	5	22.33	22.38	22.30	22.80	
		3	0	22.25	22.18	22.21	22.80	
		3	1	22.28	22.29	22.18	22.80	
		3	3	22.35	22.17	22.21	22.80	
		6	0	21.29	21.20	21.17	21.80	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz		QPSK	1	0	24.18	24.15	24.07	24.80
			1	7	24.18	24.12	24.08	24.80
	1		14	24.15	24.06	24.07	24.80	
	8		0	23.22	23.01	23.02	23.80	
	8		4	23.26	23.14	23.05	23.80	
	8		7	23.09	23.17	22.99	23.80	
	15		0	23.10	23.09	23.03	23.80	
	16QAM	1	0	23.42	23.47	23.25	23.80	

		1	7	23.43	23.40	23.37	23.80	
		1	14	23.45	23.35	23.28	23.80	
		8	0	22.12	22.04	22.01	22.80	
		8	4	22.13	22.14	22.08	22.80	
		8	7	21.99	22.09	21.96	22.80	
		15	0	22.14	22.03	22.09	22.80	
	64QAM	1	0	22.38	22.47	22.29	22.80	
		1	7	22.43	22.42	22.38	22.80	
		1	14	22.46	22.34	22.24	22.80	
		8	0	21.11	21.09	21.03	21.80	
		8	4	21.17	21.17	21.02	21.80	
		8	7	21.00	21.12	20.94	21.80	
		15	0	21.09	21.07	21.06	21.80	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				131997	132322	132647		
5MHz	QPSK	1	0	24.22	24.16	24.03	24.80	
		1	13	24.20	24.13	24.06	24.80	
		1	24	24.12	24.06	24.06	24.80	
		12	0	23.22	23.01	23.04	23.80	
		12	6	23.23	23.14	23.03	23.80	
		12	13	23.05	23.17	22.98	23.80	
		25	0	23.07	23.10	23.08	23.80	
	16QAM	1	0	23.43	23.42	23.25	23.80	
		1	13	23.47	23.42	23.37	23.80	
		1	24	23.41	23.34	23.29	23.80	
		12	0	22.09	22.03	22.01	22.80	
		12	6	22.14	22.15	22.05	22.80	
		12	13	22.01	22.08	21.99	22.80	
		25	0	22.13	22.01	22.08	22.80	
	64QAM	1	0	22.39	22.47	22.27	22.80	
		1	13	22.39	22.42	22.38	22.80	
		1	24	22.46	22.38	22.29	22.80	
		12	0	21.12	21.11	21.05	21.80	
		12	6	21.16	21.18	21.06	21.80	
		12	13	21.02	21.12	20.94	21.80	
		25	0	21.07	21.05	21.06	21.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	1	0	24.17	24.13	24.05	24.80
			1	25	24.18	24.13	24.06	24.80
			1	49	24.13	24.05	24.06	24.80
			25	0	23.20	23.03	23.07	23.80
			25	13	23.26	23.18	23.07	23.80
25			25	23.10	23.15	22.99	23.80	
50			0	23.07	23.10	23.04	23.80	
16QAM		1	0	23.43	23.43	23.21	23.80	
		1	25	23.47	23.42	23.37	23.80	

		1	49	23.43	23.38	23.27	23.80
		25	0	22.13	22.02	21.99	22.80
		25	13	22.15	22.14	22.06	22.80
		25	25	21.96	22.11	21.94	22.80
		50	0	22.16	22.01	22.08	22.80
	64QAM	1	0	22.37	22.50	22.28	22.80
		1	25	22.40	22.39	22.35	22.80
		1	49	22.43	22.34	22.26	22.80
		25	0	21.11	21.06	21.01	21.80
		25	13	21.17	21.19	21.06	21.80
		25	25	21.00	21.09	20.92	21.80
		50	0	21.08	21.05	21.06	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	24.20	24.14	24.04	24.80
		1	38	24.18	24.12	24.11	24.80
		1	74	24.16	24.10	24.04	24.80
		36	0	23.19	23.01	23.02	23.80
		36	18	23.26	23.16	23.03	23.80
		36	39	23.07	23.18	22.96	23.80
		75	0	23.07	23.06	23.08	23.80
	16QAM	1	0	23.44	23.47	23.23	23.80
		1	38	23.42	23.37	23.36	23.80
		1	74	23.45	23.36	23.30	23.80
		36	0	22.14	22.03	21.98	22.80
		36	18	22.14	22.19	22.06	22.80
		36	39	21.96	22.10	21.95	22.80
		75	0	22.15	22.04	22.10	22.80
	64QAM	1	0	22.37	22.49	22.25	22.80
		1	38	22.43	22.39	22.36	22.80
		1	74	22.46	22.37	22.28	22.80
		36	0	21.09	21.11	21.03	21.80
		36	18	21.18	21.20	21.04	21.80
		36	39	21.03	21.12	20.94	21.80
		75	0	21.07	21.08	21.05	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	24.27	24.22	24.13	24.80
		1	50	24.27	24.22	24.16	24.80
		1	99	24.21	24.15	24.13	24.80
		50	0	23.29	23.09	23.12	23.80
		50	25	23.32	23.23	23.13	23.80
		50	50	23.15	23.23	23.05	23.80
		100	0	23.15	23.16	23.13	23.80
	16QAM	1	0	23.52	23.52	23.31	23.80
		1	50	23.52	23.47	23.46	23.80
		1	99	23.51	23.44	23.37	23.80