

		12	0	15.47	15.48	15.55	17.00
		12	6	15.55	15.54	15.47	17.00
		12	13	15.55	15.53	15.54	17.00
		25	0	15.51	15.53	15.55	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	15.50	15.67	15.55	17.00
		1	25	15.50	15.56	15.58	17.00
		1	49	15.54	15.54	15.55	17.00
		25	0	15.55	15.56	15.54	17.00
		25	13	15.53	15.54	15.48	17.00
		25	25	15.52	15.60	15.50	17.00
		50	0	15.59	15.53	15.53	17.00
	16QAM	1	0	15.51	15.56	15.50	17.00
		1	25	15.52	15.50	15.56	17.00
		1	49	15.52	15.53	15.53	17.00
		25	0	15.53	15.52	15.53	17.00
		25	13	15.55	15.54	15.48	17.00
		25	25	15.54	15.50	15.58	17.00
		50	0	15.53	15.51	15.56	17.00
	64QAM	1	0	15.48	15.53	15.49	17.00
		1	25	15.58	15.56	15.52	17.00
		1	49	15.54	15.54	15.60	17.00
		25	0	15.48	15.48	15.55	17.00
		25	13	15.58	15.53	15.49	17.00
		25	25	15.57	15.53	15.54	17.00
		50	0	15.51	15.57	15.55	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	15.50	15.62	15.53	17.00
		1	38	15.56	15.54	15.59	17.00
		1	74	15.54	15.55	15.59	17.00
		36	0	15.54	15.58	15.55	17.00
		36	18	15.56	15.56	15.54	17.00
		36	39	15.57	15.57	15.53	17.00
		75	0	15.60	15.47	15.56	17.00
	16QAM	1	0	15.56	15.50	15.48	17.00
		1	38	15.49	15.52	15.56	17.00
		1	74	15.53	15.53	15.57	17.00
		36	0	15.51	15.57	15.54	17.00
		36	18	15.58	15.50	15.48	17.00
		36	39	15.54	15.47	15.54	17.00
		75	0	15.54	15.47	15.52	17.00
	64QAM	1	0	15.52	15.51	15.50	17.00
		1	38	15.54	15.53	15.59	17.00
		1	74	15.51	15.53	15.55	17.00
		36	0	15.50	15.51	15.58	17.00
		36	18	15.55	15.53	15.53	17.00
		36	39	15.55	15.53	15.56	17.00
		75	0	15.49	15.51	15.56	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	15.71	15.81	15.77	17.00
		1	50	15.49	15.55	15.55	17.00
		1	99	15.54	15.51	15.54	17.00
		50	0	15.54	15.65	15.59	17.00
		50	25	15.59	15.58	15.52	17.00
		50	50	15.55	15.54	15.54	17.00
		100	0	15.56	15.52	15.57	17.00
	16QAM	1	0	15.58	15.54	15.48	17.00
		1	50	15.52	15.47	15.51	17.00
		1	99	15.54	15.55	15.57	17.00
		50	0	15.50	15.55	15.54	17.00
		50	25	15.58	15.49	15.54	17.00
		50	50	15.54	15.49	15.59	17.00
		100	0	15.55	15.50	15.53	17.00
	64QAM	1	0	15.54	15.55	15.50	17.00
		1	50	15.54	15.55	15.55	17.00
		1	99	15.51	15.53	15.56	17.00
		50	0	15.52	15.50	15.56	17.00
		50	0	15.52	15.50	15.56	17.00

		50	25	15.60	15.52	15.51	17.00
		50	50	15.59	15.53	15.55	17.00
		100	0	15.55	15.53	15.56	17.00

LTE Band 2 state13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	14.62	14.76	14.67	16.00
		1	2	14.61	14.62	14.66	16.00
		1	5	14.66	14.68	14.66	16.00
		3	0	14.67	14.64	14.62	16.00
		3	2	14.62	14.67	14.66	16.00
		3	3	14.66	14.64	14.62	16.00
	16QAM	6	0	14.65	14.62	14.66	16.00
		1	0	14.62	14.66	14.65	16.00
		1	2	14.64	14.63	14.67	16.00
		1	5	14.67	14.62	14.61	16.00
		3	0	14.68	14.68	14.65	16.00
		3	2	14.64	14.65	14.62	16.00
	64QAM	3	3	14.64	14.67	14.65	16.00
		6	0	14.63	14.68	14.63	16.00
		1	0	14.66	14.67	14.66	16.00
		1	2	14.63	14.64	14.66	16.00
		1	5	14.67	14.65	14.67	16.00
		3	0	14.64	14.68	14.61	16.00
3MHz	QPSK	3	2	14.66	14.63	14.67	16.00
		3	3	14.61	14.63	14.64	16.00
		6	0	14.64	14.61	14.68	16.00
	16QAM	1	0	14.52	14.66	14.54	16.00
		1	7	14.52	14.51	14.56	16.00
		1	14	14.55	14.59	14.55	16.00
	64QAM	8	0	14.56	14.55	14.48	16.00
		8	4	14.53	14.53	14.54	16.00
		8	7	14.58	14.56	14.49	16.00
	16QAM	15	0	14.53	14.48	14.53	16.00
		1	0	14.51	14.56	14.53	16.00
		1	7	14.49	14.55	14.53	16.00
		1	14	14.58	14.51	14.51	16.00
	64QAM	8	0	14.59	14.57	14.52	16.00
		8	4	14.55	14.52	14.51	16.00
		8	7	14.51	14.58	14.52	16.00
5MHz	QPSK	15	0	14.55	14.59	14.52	16.00
		1	0	14.58	14.56	14.52	16.00
		1	7	14.50	14.53	14.54	16.00
		1	14	14.56	14.52	14.54	16.00
		8	0	14.56	14.58	14.52	16.00
		8	4	14.57	14.50	14.56	16.00
	16QAM	8	7	14.52	14.53	14.56	16.00
		15	0	14.55	14.48	14.58	16.00
		1	0	14.52	14.63	14.59	16.00
		1	13	14.46	14.53	14.56	16.00
		1	24	14.57	14.58	14.52	16.00
	64QAM	12	0	14.54	14.50	14.54	16.00
		12	6	14.51	14.54	14.56	16.00
		12	13	14.58	14.52	14.51	16.00
		25	0	14.55	14.50	14.54	16.00
		1	0	14.49	14.55	14.53	16.00
		1	13	14.56	14.50	14.57	16.00
	16QAM	1	24	14.54	14.52	14.51	16.00
		12	0	14.60	14.56	14.54	16.00
		12	6	14.49	14.56	14.53	16.00
		12	13	14.56	14.59	14.51	16.00
		25	0	14.54	14.53	14.50	16.00
	64QAM	1	0	14.55	14.52	14.56	16.00

		1	13	14.50	14.55	14.57	16.00
		1	24	14.56	14.57	14.57	16.00
		12	0	14.54	14.58	14.51	16.00
		12	6	14.57	14.55	14.58	16.00
		12	13	14.50	14.49	14.51	16.00
		25	0	14.53	14.46	14.55	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	14.48	14.64	14.53	16.00
		1	25	14.51	14.48	14.57	16.00
		1	49	14.57	14.55	14.53	16.00
		25	0	14.59	14.54	14.53	16.00
		25	13	14.51	14.59	14.57	16.00
		25	25	14.57	14.52	14.47	16.00
		50	0	14.51	14.52	14.54	16.00
	16QAM	1	0	14.54	14.56	14.57	16.00
		1	25	14.56	14.50	14.58	16.00
		1	49	14.52	14.53	14.51	16.00
		25	0	14.54	14.59	14.56	16.00
		25	13	14.53	14.51	14.54	16.00
		25	25	14.56	14.57	14.56	16.00
		50	0	14.53	14.56	14.49	16.00
	64QAM	1	0	14.54	14.56	14.55	16.00
		1	25	14.49	14.50	14.51	16.00
		1	49	14.59	14.54	14.55	16.00
		25	0	14.51	14.55	14.52	16.00
		25	13	14.54	14.53	14.56	16.00
		25	25	14.50	14.51	14.54	16.00
		50	0	14.54	14.49	14.56	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	14.51	14.64	14.58	16.00
		1	38	14.50	14.53	14.54	16.00
		1	74	14.57	14.56	14.54	16.00
		36	0	14.58	14.51	14.53	16.00
		36	18	14.49	14.54	14.53	16.00
		36	39	14.55	14.54	14.48	16.00
		75	0	14.51	14.51	14.56	16.00
	16QAM	1	0	14.54	14.51	14.51	16.00
		1	38	14.49	14.48	14.57	16.00
		1	74	14.59	14.54	14.53	16.00
		36	0	14.59	14.54	14.52	16.00
		36	18	14.49	14.56	14.48	16.00
		36	39	14.50	14.53	14.51	16.00
		75	0	14.50	14.55	14.52	16.00
	64QAM	1	0	14.52	14.57	14.52	16.00
		1	38	14.51	14.50	14.53	16.00
		1	74	14.56	14.55	14.56	16.00
		36	0	14.55	14.59	14.47	16.00
		36	18	14.54	14.54	14.56	16.00
		36	39	14.52	14.55	14.51	16.00
		75	0	14.49	14.49	14.55	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	14.64	14.77	14.68	16.00
		1	50	14.52	14.52	14.57	16.00
		1	99	14.56	14.55	14.56	16.00
		50	0	14.59	14.62	14.55	16.00
		50	25	14.50	14.53	14.56	16.00
		50	50	14.52	14.51	14.51	16.00
		100	0	14.54	14.53	14.58	16.00
	16QAM	1	0	14.54	14.51	14.54	16.00
		1	50	14.53	14.53	14.52	16.00
		1	99	14.57	14.48	14.46	16.00
		50	0	14.57	14.57	14.53	16.00
		50	25	14.50	14.51	14.51	16.00
		50	50	14.56	14.54	14.52	16.00
		100	0	14.52	14.59	14.53	16.00
	64QAM	1	0	14.53	14.56	14.56	16.00
		1	50	14.51	14.55	14.54	16.00

		1	99	14.58	14.53	14.58	16.00
		50	0	14.54	14.58	14.46	16.00
		50	25	14.58	14.54	14.54	16.00
		50	50	14.48	14.52	14.52	16.00
		100	0	14.49	14.51	14.55	16.00

LTE Band 4 state3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.01	19.15	19.03	20.30
		1	2	19.03	19.05	19.05	20.30
		1	5	19.06	19.02	19.03	20.30
		3	0	19.05	19.07	19.03	20.30
		3	2	19.05	19.03	19.06	20.30
		3	3	19.06	19.05	19.02	20.30
	16QAM	6	0	19.01	19.05	19.04	20.30
		1	0	19.01	19.05	19.03	20.30
		1	2	19.04	19.07	19.01	20.30
		1	5	19.03	19.03	19.03	20.30
		3	0	19.02	19.04	19.07	20.30
		3	2	19.06	19.07	19.04	20.30
	64QAM	3	3	19.03	19.02	19.04	20.30
		6	0	19.01	19.07	19.00	20.30
		1	0	19.07	19.03	19.05	20.30
		1	2	19.03	19.05	19.03	20.30
		1	5	19.02	19.06	19.00	20.30
		3	0	19.04	19.05	19.01	20.30
3MHz	QPSK	3	2	19.02	19.01	19.02	20.30
		3	3	19.03	19.01	19.02	20.30
		6	0	18.99	19.01	19.04	20.30
	16QAM	1	0	18.90	19.07	18.90	20.30
		1	7	18.92	18.92	18.96	20.30
		1	14	18.96	18.91	18.92	20.30
	64QAM	8	0	18.96	18.92	18.95	20.30
		8	4	18.95	18.94	18.94	20.30
		8	7	18.96	18.91	18.89	20.30
		15	0	18.91	18.91	18.92	20.30
	16QAM	1	0	18.88	18.91	18.90	20.30
		1	7	18.90	18.95	18.87	20.30
		1	14	18.94	18.90	18.91	20.30
		8	0	18.89	18.90	18.99	20.30
		8	4	18.96	18.97	18.96	20.30
		8	7	18.92	18.87	18.90	20.30
5MHz	QPSK	15	0	18.89	18.98	18.91	20.30
		1	0	18.98	18.92	18.96	20.30
		1	7	18.89	18.93	18.90	20.30
		1	14	18.93	18.95	18.91	20.30
		8	0	19.42	19.42	19.37	20.30
		8	4	19.42	19.40	19.44	20.30
	16QAM	8	7	19.42	19.38	19.41	20.30
		15	0	18.85	18.91	18.89	20.30
	QPSK	1	0	18.91	19.01	18.91	20.30
		1	13	18.92	18.91	18.94	20.30
		1	24	18.92	18.89	18.90	20.30
		12	0	18.91	18.95	18.90	20.30
		12	6	18.94	18.93	18.98	20.30
		12	13	18.95	18.95	18.91	20.30
	16QAM	25	0	18.88	18.96	18.94	20.30
		1	0	18.91	18.93	18.90	20.30
		1	13	18.93	18.92	18.92	20.30
		1	24	18.95	18.95	18.89	20.30
		12	0	18.89	18.94	18.93	20.30
		12	6	18.91	18.99	18.94	20.30
	16QAM	12	13	18.94	18.92	18.91	20.30

		25	0	18.92	18.95	18.86	20.30
		1	0	18.97	18.95	18.92	20.30
		1	13	18.95	18.91	18.93	20.30
		1	24	18.93	18.95	18.89	20.30
		12	0	19.40	19.47	19.39	20.30
		12	6	19.41	19.41	19.40	20.30
		12	13	19.43	19.39	19.42	20.30
		25	0	18.85	18.89	18.95	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.89	19.06	18.93	20.30
		1	25	18.93	18.94	18.90	20.30
		1	49	18.96	18.92	18.89	20.30
		25	0	18.96	18.97	18.90	20.30
		25	13	18.95	18.95	18.95	20.30
		25	25	18.93	18.91	18.88	20.30
		50	0	18.92	18.90	18.94	20.30
	16QAM	1	0	18.89	18.94	18.92	20.30
		1	25	18.96	18.92	18.92	20.30
		1	49	18.90	18.95	18.90	20.30
		25	0	18.88	18.92	18.98	20.30
		25	13	18.93	18.95	18.89	20.30
		25	25	18.94	18.88	18.95	20.30
		50	0	18.93	18.96	18.89	20.30
	64QAM	1	0	18.92	18.88	18.94	20.30
		1	25	18.89	18.95	18.89	20.30
		1	49	18.88	18.92	18.92	20.30
		25	0	19.42	19.43	19.37	20.30
		25	13	19.38	19.43	19.41	20.30
		25	25	19.39	19.38	19.44	20.30
		50	0	18.88	18.89	18.93	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.89	19.05	18.90	20.30
		1	38	18.92	18.94	18.97	20.30
		1	74	18.94	18.93	18.95	20.30
		36	0	18.95	18.95	18.94	20.30
		36	18	18.95	18.90	18.97	20.30
		36	39	18.92	18.95	18.88	20.30
		75	0	18.92	18.91	18.95	20.30
	16QAM	1	0	18.91	18.95	18.92	20.30
		1	38	18.93	18.96	18.92	20.30
		1	74	18.94	18.94	18.89	20.30
		36	0	18.90	18.93	18.95	20.30
		36	18	18.97	18.93	18.92	20.30
		36	39	18.94	18.93	18.96	20.30
		75	0	18.87	18.97	18.89	20.30
	64QAM	1	0	18.98	18.89	18.94	20.30
		1	38	18.91	18.92	18.88	20.30
		1	74	18.89	18.93	18.88	20.30
		36	0	19.40	19.43	19.42	20.30
		36	18	19.44	19.39	19.44	20.30
		36	39	19.45	19.40	19.39	20.30
		75	0	18.85	18.89	18.90	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	19.23	/	20.30
		1	50	/	18.91	/	20.30
		1	99	/	18.92	/	20.30
		50	0	/	19.02	/	20.30
		50	25	/	18.89	/	20.30
		50	50	/	18.90	/	20.30
		100	0	/	18.97	/	20.30
	16QAM	1	0	/	18.90	/	20.30
		1	50	/	18.97	/	20.30
		1	99	/	18.93	/	20.30
		50	0	/	18.91	/	20.30
		50	25	/	18.99	/	20.30
		50	50	/	18.92	/	20.30
		100	0	/	18.93	/	20.30

	64QAM	1	0	/	18.91	/	20.30
		1	50	/	18.96	/	20.30
		1	99	/	18.96	/	20.30
		50	0	/	19.47	/	20.30
		50	25	/	19.41	/	20.30
		50	50	/	19.41	/	20.30
		100	0	/	18.93	/	20.30

LTE Band 4 state5&10&15				Conducted Power(dBm)			
Bandwidth	Modulation	5	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.94	24.08	23.95	25.30
		1	2	23.97	23.99	23.98	25.30
		1	5	23.93	23.95	23.94	25.30
		3	0	23.95	23.98	23.94	25.30
		3	2	23.97	23.98	23.98	25.30
		3	3	23.96	23.98	23.95	25.30
	16QAM	6	0	22.93	23.00	22.91	24.30
		1	0	22.97	23.00	22.93	24.30
		1	2	22.95	22.97	22.93	24.30
		1	5	22.97	22.99	22.91	24.30
		3	0	22.97	22.94	22.90	24.30
		3	2	22.98	22.97	22.93	24.30
	64QAM	3	3	22.91	22.94	22.94	24.30
		6	0	21.90	21.96	21.90	23.30
		1	0	21.90	21.97	21.92	23.30
		1	2	21.89	21.96	21.89	23.30
		1	5	21.93	21.99	21.87	23.30
		3	0	21.95	21.98	21.92	23.30
3MHz	QPSK	3	2	21.94	21.98	21.88	23.30
		3	3	21.91	21.99	21.88	23.30
		6	0	20.87	20.96	20.86	22.30
	16QAM	1	0	23.84	24.00	23.86	25.30
		1	7	23.83	23.85	23.85	25.30
		1	14	23.83	23.83	23.83	25.30
	64QAM	8	0	23.83	23.85	23.82	24.30
		8	4	23.85	23.84	23.85	24.30
		8	7	23.81	23.86	23.85	24.30
	16QAM	15	0	22.79	22.91	22.80	24.30
		1	0	22.84	22.87	22.83	24.30
		1	7	22.82	22.84	22.83	24.30
		1	14	22.87	22.87	22.83	24.30
		8	0	22.85	22.84	22.75	23.30
		8	4	22.89	22.88	22.82	23.30
5MHz	QPSK	8	7	22.82	22.86	22.81	23.30
		15	0	21.77	21.84	21.78	23.30
	16QAM	1	0	21.78	21.88	21.80	23.30
		1	7	21.75	21.88	21.76	23.30
		1	14	21.82	21.85	21.77	23.30
		8	0	21.86	21.86	21.79	22.30
	64QAM	8	4	21.79	21.87	21.73	22.30
		8	7	21.78	21.89	21.78	22.30
		15	0	20.75	20.81	20.72	22.30
	16QAM	1	0	23.83	23.97	23.81	25.30
		1	13	23.87	23.86	23.87	25.30
		1	24	23.84	23.85	23.81	25.30
		12	0	23.84	23.85	23.80	24.30
		12	6	23.89	23.88	23.90	24.30
		12	13	23.82	23.88	23.85	24.30
5MHz	QPSK	25	0	22.79	22.85	22.80	24.30
		1	0	22.84	22.86	22.82	24.30
		1	13	22.87	22.84	22.79	24.30
		1	24	22.84	22.85	22.78	24.30
		12	0	22.88	22.84	22.76	23.30
	16QAM	1	0	23.83	23.97	23.81	25.30
		1	13	23.87	23.86	23.87	25.30
		1	24	23.84	23.85	23.81	25.30
		12	0	23.84	23.85	23.80	24.30
		12	6	23.89	23.88	23.90	24.30
		12	13	23.82	23.88	23.85	24.30
5MHz	QPSK	25	0	22.79	22.85	22.80	24.30
		1	0	22.84	22.86	22.82	24.30
		1	13	22.87	22.84	22.79	24.30
		1	24	22.84	22.85	22.78	24.30
		12	0	22.88	22.84	22.76	23.30
	16QAM	1	0	23.83	23.97	23.81	25.30
		1	13	23.87	23.86	23.87	25.30
		1	24	23.84	23.85	23.81	25.30
		12	0	23.84	23.85	23.80	24.30
		12	6	23.89	23.88	23.90	24.30
		12	13	23.82	23.88	23.85	24.30
5MHz	QPSK	25	0	22.79	22.85	22.80	24.30
		1	0	22.84	22.86	22.82	24.30
		1	13	22.87	22.84	22.79	24.30
		1	24	22.84	22.85	22.78	24.30
		12	0	22.88	22.84	22.76	23.30
	16QAM	1	0	23.83	23.97	23.81	25.30
		1	13	23.87	23.86	23.87	25.30
		1	24	23.84	23.85	23.81	25.30
		12	0	23.84	23.85	23.80	24.30
		12	6	23.89	23.88	23.90	24.30
		12	13	23.82	23.88	23.85	24.30
5MHz	QPSK	25	0	22.79	22.85	22.80	24.30
		1	0	22.84	22.86	22.82	24.30
		1	13	22.87	22.84	22.79	24.30
		1	24	22.84	22.85	22.78	24.30
		12	0	22.88	22.84	22.76	23.30
	16QAM	1	0	23.83	23.97	23.81	25.30
		1	13	23.87	23.86	23.87	25.30
		1	24	23.84	23.85	23.81	25.30
		12	0	23.84	23.85	23.80	24.30
		12	6	23.89	23.88	23.90	24.30
		12	13	23.82	23.88	23.85	24.30
5MHz	QPSK	25	0	22.79	22.85	22.80	24.30
		1	0	22.84	22.86	22.82	24.30
		1	13	22.87	22.84	22.79	24.30
		1	24	22.84	22.85	22.78	24.30
		12	0	22.88	22.84	22.76	23.30
	16QAM	1	0	23.83	23.97	23.81	25.30
		1	13	23.87	23.86	23.87	25.30
		1	24	23.84	23.85	23.81	25.30
		12	0	23.84	23.85	23.80	24.30
		12	6	23.89	23.88	23.90	24.30
		12	13	23.82	23.88	23.85	24.30
5MHz	QPSK	25	0	22.79	22.85	22.80	24.30
		1	0	22.84	22.86	22.82	24.30
		1	13	22.87	22.84	22.79	24.30
		1	24	22.84	22.85	22.78	24.30
		12	0	22.88	22.84	22.76	23.30
	16QAM	1	0	23.83	23.97	23.81	25.30
		1	13	23.87	23.86	23.87	25.30
		1	24	23.84	23.85	23.81	25.30
		12	0	23.84	23.85	23.80	24.30
		12	6	23.89	23.88	23.90	24.30
		12	13	23.82	23.88	23.85	24.30
5MHz	QPSK	25	0	22.79	22.85	22.80	24.30
		1	0	22.84	22.86	22.82	24.30
		1	13	22.87	22.84	22.79	24.30
		1	24	22.84	22.85	22.78	24.30
		12	0	22.88	22.84	22.76	23.30
	16QAM	1	0	23.83	23.97	23.81	25.30
		1	13	23.87	23.86	23.87	25.30
		1	24	23.84	23.85	23.81	25.30
		12	0	23.84	23.85	23.80	24.30
		12	6	23.89	23.88	23.90	24.30
		12	13	23.82	23.88	23.85	24.30
5MHz	QPSK	25	0	22.79	22.85	22.80	24.30
		1	0	22.84	22.86	22.82	24.30
		1	13	22.87	22.84	22.79	24.30
		1	24	22.84	22.85	22.78	24.30
		12	0	22.88	22.84	22.76	23.30
	16QAM	1	0	23.83	23.97	23.81	25.30
		1	13	23.87	23.86	23.87	25.30
		1	24	23.84	23.85	23.81	25.30
		12	0	23.84	23.85	23.80	24.30
		12	6	23.89	23.88	23.90	24.30
		12	13	23.82	23.88	23.85	24.30
5MHz	QPSK	25	0	22.79	22.85	22.80	24.30
		1	0	22.84	22.86	22.82	24.30
		1	13	22.87	22.84	22.79	24.30
		1	24	22.84	22.85	22.78	24.30
		12	0	22.88	22.84	22.76	23.30
	16QAM	1	0	23.83	23.97	23.81	25.30
		1	13	23.87	23.86	23.87	25.30
		1	24	23.84	23.85	23.81	25.30
		12	0	23.84	23.85	23.80	24.30
		12	6	23.89	23.88	23.90	24.30
		12	13	23.82	23.88	23.85	24.3

	64QAM	12	6	22.90	22.88	22.85	23.30
		12	13	22.81	22.82	22.81	23.30
		25	0	21.78	21.86	21.77	23.30
		1	0	21.76	21.84	21.82	23.30
		1	13	21.76	21.87	21.74	23.30
		1	24	21.82	21.86	21.74	23.30
		12	0	21.86	21.88	21.84	22.30
		12	6	21.86	21.87	21.75	22.30
		12	13	21.81	21.90	21.80	22.30
		25	0	20.73	20.86	20.76	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.84	23.95	23.86	25.30
		1	25	23.87	23.88	23.90	25.30
		1	49	23.78	23.87	23.80	25.30
		25	0	23.82	23.87	23.82	24.30
		25	13	23.83	23.85	23.90	24.30
		25	25	23.83	23.87	23.85	24.30
	16QAM	50	0	22.81	22.90	22.79	24.30
		1	0	22.87	22.91	22.81	24.30
		1	25	22.83	22.89	22.78	24.30
		1	49	22.83	22.89	22.82	24.30
		25	0	22.82	22.82	22.77	23.30
		25	13	22.84	22.87	22.81	23.30
	64QAM	25	25	22.78	22.85	22.84	23.30
		50	0	21.80	21.82	21.82	23.30
		1	0	21.76	21.85	21.78	23.30
		1	25	21.80	21.88	21.77	23.30
		1	49	21.81	21.90	21.75	23.30
		25	0	21.83	21.88	21.83	22.30
15MHz	QPSK	25	13	21.79	21.86	21.74	22.30
		25	25	21.81	21.89	21.80	22.30
		50	0	20.75	20.87	20.77	22.30
	16QAM	1	0	23.85	24.00	23.81	25.30
		1	38	23.89	23.84	23.86	25.30
		1	74	23.83	23.83	23.86	25.30
		36	0	23.83	23.86	23.82	24.30
		36	18	23.84	23.87	23.87	24.30
		36	39	23.82	23.88	23.87	24.30
	64QAM	75	0	22.85	22.92	22.79	24.30
		1	0	22.87	22.88	22.81	24.30
		1	38	22.86	22.87	22.82	24.30
		1	74	22.87	22.89	22.83	24.30
		36	0	22.89	22.79	22.76	23.30
		36	18	22.89	22.88	22.85	23.30
20MHz	QPSK	36	39	22.81	22.83	22.79	23.30
		75	0	21.75	21.83	21.82	23.30
	16QAM	1	0	21.76	21.84	21.83	23.30
		1	38	21.76	21.84	21.81	23.30
		1	74	21.83	21.91	21.73	23.30
		36	0	21.81	21.90	21.80	22.30
	64QAM	36	18	21.83	21.85	21.79	22.30
		36	39	21.80	21.90	21.78	22.30
		75	0	20.77	20.83	20.76	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	24.14	/	25.30
		1	50	/	23.85	/	25.30
		1	99	/	23.85	/	25.30
		50	0	/	24.03	/	24.30
		50	25	/	23.84	/	24.30
		50	50	/	23.48	/	24.30
	16QAM	100	0	/	23.09	/	24.30
		1	0	/	22.92	/	24.30
		1	50	/	22.85	/	24.30
		1	99	/	22.86	/	24.30
		50	0	/	22.80	/	23.30
		50	25	/	22.89	/	23.30

		50	50	/	22.79	/	23.30
		100	0	/	21.85	/	23.30
	64QAM	1	0	/	21.85	/	23.30
		1	50	/	21.81	/	23.30
		1	99	/	21.90	/	23.30
		50	0	/	21.83	/	22.30
		50	25	/	21.85	/	22.30
		50	50	/	21.90	/	22.30
		100	0	/	20.88	/	22.30

LTE Band 4 state8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.55	18.63	18.53	19.80
		1	2	18.54	18.48	18.51	19.80
		1	5	18.48	18.49	18.52	19.80
		3	0	18.50	18.55	18.49	19.80
		3	2	18.52	18.53	18.53	19.80
		3	3	18.49	18.51	18.52	19.80
	16QAM	6	0	18.52	18.48	18.54	19.80
		1	0	18.51	18.49	18.49	19.80
		1	2	18.51	18.50	18.54	19.80
		1	5	18.49	18.54	18.51	19.80
		3	0	18.50	18.55	18.51	19.80
		3	2	18.52	18.53	18.49	19.80
	64QAM	3	3	18.50	18.53	18.50	19.80
		6	0	18.51	18.55	18.50	19.80
		1	0	18.48	18.48	18.53	19.80
		1	2	18.54	18.53	18.54	19.80
		1	5	18.52	18.53	18.51	19.80
		3	0	18.49	18.51	18.55	19.80
3MHz	QPSK	3	2	18.54	18.50	18.51	19.80
		3	3	18.51	18.52	18.50	19.80
		3	0	18.55	18.51	18.49	19.80
	16QAM	1	0	18.41	18.48	18.40	19.80
		1	7	18.46	18.33	18.42	19.80
		1	14	18.33	18.41	18.41	19.80
	64QAM	8	0	18.39	18.41	18.39	19.80
		8	4	18.37	18.40	18.41	19.80
		8	7	18.35	18.40	18.38	19.80
	16QAM	15	0	18.39	18.39	18.42	19.80
		1	0	18.37	18.38	18.37	19.80
		1	7	18.42	18.40	18.42	19.80
		1	14	18.36	18.42	18.42	19.80
	64QAM	8	0	18.37	18.40	18.39	19.80
		8	4	18.44	18.40	18.41	19.80
		8	7	18.41	18.41	18.38	19.80
	16QAM	15	0	18.37	18.42	18.36	19.80
		1	0	18.35	18.39	18.38	19.80
		1	7	18.45	18.45	18.43	19.80
		1	14	18.44	18.43	18.43	19.80
	64QAM	8	0	18.36	18.42	18.42	19.80
		8	4	18.42	18.35	18.38	19.80
		8	7	18.42	18.42	18.39	19.80
		15	0	18.46	18.41	18.39	19.80
5MHz	QPSK	1	0	18.43	18.48	18.42	19.80
		1	13	18.41	18.38	18.41	19.80
		1	24	18.35	18.40	18.43	19.80
	16QAM	12	0	18.39	18.41	18.37	19.80
		12	6	18.44	18.38	18.40	19.80
		12	13	18.37	18.42	18.40	19.80
	64QAM	25	0	18.43	18.33	18.39	19.80
		1	0	18.39	18.36	18.37	19.80
		1	13	18.43	18.36	18.44	19.80

		1	24	18.35	18.40	18.37	19.80
		12	0	18.37	18.41	18.40	19.80
		12	6	18.44	18.43	18.36	19.80
		12	13	18.39	18.43	18.40	19.80
		25	0	18.42	18.46	18.41	19.80
	64QAM	1	0	18.36	18.39	18.40	19.80
		1	13	18.45	18.43	18.44	19.80
		1	24	18.41	18.41	18.39	19.80
		12	0	18.38	18.37	18.45	19.80
		12	6	18.46	18.40	18.41	19.80
		12	13	18.36	18.44	18.40	19.80
		25	0	18.41	18.39	18.36	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.40	18.55	18.40	19.80
		1	25	18.40	18.38	18.41	19.80
		1	49	18.36	18.35	18.40	19.80
		25	0	18.39	18.45	18.37	19.80
		25	13	18.43	18.39	18.45	19.80
		25	25	18.41	18.40	18.42	19.80
	16QAM	50	0	18.39	18.37	18.43	19.80
		1	0	18.41	18.36	18.37	19.80
		1	25	18.42	18.39	18.46	19.80
		1	49	18.35	18.44	18.43	19.80
		25	0	18.42	18.40	18.42	19.80
		25	13	18.42	18.41	18.41	19.80
	64QAM	25	25	18.40	18.39	18.37	19.80
		50	0	18.43	18.42	18.40	19.80
		1	0	18.38	18.37	18.44	19.80
		1	25	18.46	18.45	18.42	19.80
		1	49	18.41	18.42	18.36	19.80
		25	0	18.39	18.37	18.40	19.80
		25	13	18.39	18.40	18.42	19.80
		25	25	18.42	18.39	18.37	19.80
		50	0	18.43	18.41	18.39	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.45	18.50	18.43	19.80
		1	38	18.39	18.33	18.39	19.80
		1	74	18.35	18.40	18.44	19.80
		36	0	18.40	18.47	18.37	19.80
		36	18	18.42	18.44	18.38	19.80
		36	39	18.41	18.40	18.42	19.80
	16QAM	75	0	18.39	18.36	18.41	19.80
		1	0	18.37	18.41	18.39	19.80
		1	38	18.39	18.36	18.46	19.80
		1	74	18.36	18.44	18.37	19.80
		36	0	18.42	18.47	18.40	19.80
		36	18	18.39	18.42	18.36	19.80
	64QAM	36	39	18.38	18.40	18.42	19.80
		75	0	18.42	18.45	18.42	19.80
		1	0	18.38	18.40	18.39	19.80
		1	38	18.45	18.45	18.40	19.80
		1	74	18.40	18.41	18.43	19.80
		36	0	18.38	18.41	18.43	19.80
		36	18	18.45	18.38	18.37	19.80
		36	39	18.39	18.44	18.36	19.80
		75	0	18.46	18.42	18.37	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	18.68	/	19.80
		1	50	/	18.47	/	19.80
		1	99	/	18.40	/	19.80
		50	0	/	18.51	/	19.80
		50	25	/	18.43	/	19.80
		50	50	/	18.42	/	19.80
	16QAM	100	0	/	18.47	/	19.80
		1	0	/	18.36	/	19.80
		1	50	/	18.38	/	19.80
		1	99	/	18.41	/	19.80

		50	0	/	18.45	/	19.80
		50	25	/	18.43	/	19.80
		50	50	/	18.38	/	19.80
		100	0	/	18.43	/	19.80
	64QAM	1	0	/	18.36	/	19.80
		1	50	/	18.39	/	19.80
		1	99	/	18.43	/	19.80
		50	0	/	18.36	/	19.80
		50	25	/	18.38	/	19.80
		50	50	/	18.39	/	19.80
		100	0	/	18.36	/	19.80

LTE Band 4 state13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.04	18.12	18.00	19.30
		1	2	17.99	17.98	18.00	19.30
		1	5	17.98	18.00	18.00	19.30
		3	0	17.99	18.01	18.00	19.30
		3	2	18.03	18.03	18.02	19.30
		3	3	17.98	18.01	18.02	19.30
	16QAM	6	0	18.00	18.04	18.02	19.30
		1	0	18.01	17.98	17.98	19.30
		1	2	17.99	18.04	18.03	19.30
		1	5	18.03	17.98	18.03	19.30
		3	0	18.02	18.02	17.98	19.30
		3	2	17.97	17.99	18.02	19.30
	64QAM	3	3	18.02	17.97	18.00	19.30
		6	0	18.04	17.98	18.00	19.30
		1	0	18.00	18.00	17.97	19.30
		1	2	17.98	17.98	17.98	19.30
		1	5	18.01	18.02	18.02	19.30
		3	0	18.02	18.01	17.99	19.30
3MHz	QPSK	3	2	18.04	18.04	18.03	19.30
		3	3	17.97	17.99	18.02	19.30
		6	0	17.98	18.00	17.98	19.30
	16QAM	1	0	17.88	17.89	17.90	19.30
		1	2	17.87	17.89	17.88	19.30
		1	5	17.86	17.92	17.88	19.30
	64QAM	8	0	17.91	17.93	17.92	19.30
		8	4	17.90	17.94	17.91	19.30
		8	7	17.87	17.88	17.87	19.30
	QPSK	15	0	17.90	17.91	17.90	19.30
		1	0	17.88	17.89	17.90	19.30
		1	7	17.85	17.94	17.95	19.30
		1	14	17.90	17.83	17.92	19.30
		8	0	17.93	17.94	17.88	19.30
		8	4	17.84	17.87	17.89	19.30
5MHz	16QAM	8	7	17.89	17.89	17.91	19.30
		15	0	17.93	17.85	17.86	19.30
	QPSK	1	0	17.90	17.91	17.86	19.30
		1	7	17.89	17.86	17.88	19.30
		1	14	17.87	17.90	17.93	19.30
		8	0	17.89	17.90	17.85	19.30
	16QAM	8	4	17.95	17.92	17.89	19.30
		8	7	17.85	17.85	17.85	19.30
		15	0	17.88	17.91	17.84	19.30
	QPSK	1	0	17.92	17.98	17.89	19.30
		1	13	17.86	17.84	17.87	19.30
		1	24	17.85	17.89	17.88	19.30
		12	0	17.84	17.93	17.90	19.30
		12	6	17.89	17.91	17.89	19.30
		12	13	17.87	17.88	17.88	19.30
	QPSK	25	0	17.88	17.94	17.93	19.30

	16QAM	1	0	17.92	17.86	17.90	19.30
		1	13	17.84	17.93	17.95	19.30
		1	24	17.91	17.87	17.88	19.30
		12	0	17.89	17.93	17.88	19.30
		12	6	17.85	17.90	17.88	19.30
		12	13	17.88	17.88	17.86	19.30
	64QAM	25	0	17.90	17.89	17.91	19.30
		1	0	17.92	17.89	17.83	19.30
		1	13	17.88	17.84	17.86	19.30
		1	24	17.90	17.94	17.87	19.30
		12	0	17.88	17.90	17.85	19.30
		12	6	17.89	17.96	17.95	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	17.95	18.00	17.92	19.30
		1	25	17.85	17.90	17.89	19.30
		1	49	17.90	17.92	17.85	19.30
		25	0	17.86	17.88	17.91	19.30
		25	13	17.92	17.91	17.90	19.30
		25	25	17.87	17.89	17.94	19.30
	16QAM	50	0	17.90	17.90	17.91	19.30
		1	0	17.90	17.84	17.88	19.30
		1	25	17.90	17.92	17.91	19.30
		1	49	17.90	17.83	17.90	19.30
		25	0	17.87	17.87	17.88	19.30
		25	13	17.82	17.87	17.92	19.30
	64QAM	25	25	17.88	17.89	17.90	19.30
		50	0	17.94	17.88	17.88	19.30
		1	0	17.90	17.90	17.89	19.30
		1	25	17.90	17.86	17.84	19.30
		1	49	17.90	17.91	17.91	19.30
		25	0	17.88	17.89	17.90	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	17.96	18.03	17.90	19.30
		1	38	17.86	17.83	17.86	19.30
		1	74	17.89	17.90	17.90	19.30
		36	0	17.84	17.88	17.90	19.30
		36	18	17.90	17.92	17.94	19.30
		36	39	17.89	17.91	17.90	19.30
	16QAM	75	0	17.89	17.92	17.89	19.30
		1	0	17.92	17.88	17.88	19.30
		1	38	17.90	17.93	17.95	19.30
		1	74	17.93	17.90	17.89	19.30
		36	0	17.89	17.92	17.87	19.30
		36	18	17.86	17.90	17.87	19.30
	64QAM	36	39	17.87	17.88	17.87	19.30
		75	0	17.94	17.87	17.89	19.30
		1	0	17.90	17.90	17.87	19.30
		1	38	17.84	17.85	17.87	19.30
		1	74	17.92	17.90	17.93	19.30
		36	0	17.88	17.89	17.89	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	18.17	/	19.30
		1	50	/	17.86	/	19.30
		1	99	/	17.88	/	19.30
		50	0	/	18.11	/	19.30
		50	25	/	17.94	/	19.30
		50	50	/	17.87	/	19.30
		100	0	/	18.02	/	19.30
	16QAM	1	0	/	17.89	/	19.30

		1	50	/	17.92	/	19.30
		1	99	/	17.88	/	19.30
		50	0	/	17.94	/	19.30
		50	25	/	17.90	/	19.30
		50	50	/	17.82	/	19.30
		100	0	/	17.86	/	19.30
	64QAM	1	0	/	17.90	/	19.30
		1	50	/	17.87	/	19.30
		1	99	/	17.89	/	19.30
		50	0	/	17.93	/	19.30
		50	25	/	17.92	/	19.30
		50	50	/	17.91	/	19.30
		100	0	/	17.87	/	19.30

LTE Band 7 state5&10&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.78	23.92	23.80	25.00
		1	13	23.79	23.79	23.78	25.00
		1	24	23.78	23.78	23.80	25.00
		12	0	22.77	22.87	22.81	24.00
		12	6	22.79	22.88	22.80	24.00
		12	13	22.77	22.91	22.78	24.00
		25	0	22.76	22.94	22.78	24.00
	16QAM	1	0	22.74	22.92	22.80	24.00
		1	13	22.79	22.89	22.77	24.00
		1	24	22.78	22.94	22.78	24.00
		12	0	21.74	21.84	21.79	23.00
		12	6	21.76	21.84	21.78	23.00
		12	13	21.73	21.85	21.76	23.00
		25	0	21.78	21.89	21.76	23.00
	64QAM	1	0	21.77	21.88	21.77	23.00
		1	13	21.72	21.84	21.80	23.00
		1	24	21.73	21.84	21.79	23.00
		12	0	20.75	20.80	20.80	22.00
		12	6	20.71	20.84	20.75	22.00
		12	13	20.72	20.84	20.77	22.00
		25	0	20.76	20.83	20.77	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.66	23.80	23.70	25.00
		1	25	23.68	23.70	23.70	25.00
		1	49	23.65	23.64	23.67	25.00
		25	0	22.63	22.78	22.73	24.00
		25	13	22.68	22.76	22.69	24.00
		25	25	22.69	22.77	22.69	24.00
		50	0	22.64	22.85	22.65	24.00
	16QAM	1	0	22.63	22.80	22.68	24.00
		1	25	22.64	22.75	22.66	24.00
		1	49	22.64	22.82	22.66	24.00
		25	0	21.63	21.75	21.71	23.00
		25	13	21.66	21.73	21.70	23.00
		25	25	21.61	21.75	21.64	23.00
		50	0	21.67	21.79	21.63	23.00
	64QAM	1	0	21.69	21.80	21.65	23.00
		1	25	21.59	21.73	21.72	23.00
		1	49	21.62	21.76	21.65	23.00
		25	0	20.66	20.66	20.68	22.00
		25	13	20.57	20.73	20.65	22.00
		25	25	20.63	20.75	20.66	22.00
		50	0	20.68	20.74	20.69	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	23.70	23.83	23.71	25.00
		1	38	23.66	23.70	23.64	25.00
		1	74	23.68	23.66	23.71	25.00
		36	0	22.67	22.72	22.69	24.00
		36	18	22.68	22.76	22.67	24.00

		36	39	22.65	22.78	22.67	24.00
		75	0	22.66	22.83	22.66	24.00
	16QAM	1	0	22.63	22.82	22.67	24.00
		1	38	22.70	22.74	22.69	24.00
		1	74	22.69	22.85	22.69	24.00
		36	0	21.63	21.72	21.64	23.00
		36	18	21.67	21.75	21.67	23.00
		36	39	21.58	21.74	21.61	23.00
		75	0	21.67	21.79	21.67	23.00
	64QAM	1	0	21.64	21.73	21.68	23.00
		1	38	21.64	21.74	21.66	23.00
		1	74	21.60	21.73	21.67	23.00
		36	0	20.67	20.66	20.69	22.00
		36	18	20.61	20.76	20.60	22.00
		36	39	20.61	20.74	20.68	22.00
		75	0	20.64	20.71	20.65	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	23.64	23.82	23.68	25.00
		1	50	23.71	23.71	23.67	25.00
		1	99	23.64	23.66	23.66	25.00
		50	0	22.68	22.76	22.72	24.00
		50	25	22.71	22.74	22.69	24.00
		50	50	22.66	22.80	22.65	24.00
		100	0	22.68	22.79	22.66	24.00
	16QAM	1	0	22.66	22.81	22.65	24.00
		1	50	22.66	22.78	22.66	24.00
		1	99	22.65	22.84	22.65	24.00
		50	0	21.62	21.69	21.66	23.00
		50	25	21.65	21.70	21.65	23.00
		50	50	21.60	21.72	21.61	23.00
		100	0	21.68	21.77	21.64	23.00
	64QAM	1	0	21.66	21.80	21.62	23.00
		1	50	21.61	21.76	21.67	23.00
		1	99	21.61	21.71	21.68	23.00
		50	0	20.66	20.67	20.69	22.00
		50	25	20.59	20.71	20.63	22.00
		50	50	20.60	20.70	20.62	22.00
		100	0	20.61	20.68	20.67	22.00

LTE Band 7 state3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.28	17.42	17.30	18.50
		1	13	17.29	17.29	17.28	18.50
		1	24	17.28	17.28	17.30	18.50
		12	0	17.27	17.37	17.31	18.50
		12	6	17.29	17.38	17.30	18.50
		12	13	17.27	17.41	17.28	18.50
		25	0	17.26	17.42	17.28	18.50
	16QAM	1	0	17.24	17.41	17.30	18.50
		1	13	17.29	17.39	17.27	18.50
		1	24	17.28	17.41	17.28	18.50
		12	0	17.24	17.34	17.29	18.50
		12	6	17.26	17.34	17.28	18.50
		12	13	17.23	17.35	17.26	18.50
		25	0	17.28	17.39	17.26	18.50
	64QAM	1	0	17.27	17.38	17.27	18.50
		1	13	17.22	17.34	17.30	18.50
		1	24	17.23	17.34	17.29	18.50
		12	0	17.25	17.30	17.30	18.50
		12	6	17.21	17.34	17.25	18.50
		12	13	17.22	17.34	17.27	18.50
		25	0	17.26	17.33	17.27	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.16	17.30	17.20	18.50
		1	25	17.18	17.20	17.20	18.50

		1	49	17.15	17.14	17.17	18.50	
		25	0	17.13	17.28	17.23	18.50	
		25	13	17.18	17.26	17.19	18.50	
		25	25	17.19	17.27	17.19	18.50	
		50	0	17.14	17.35	17.15	18.50	
	16QAM	1	0	17.13	17.30	17.18	18.50	
		1	25	17.14	17.25	17.16	18.50	
		1	49	17.14	17.32	17.16	18.50	
		25	0	17.13	17.25	17.21	18.50	
		25	13	17.16	17.23	17.20	18.50	
	64QAM	25	25	17.11	17.25	17.14	18.50	
		50	0	17.17	17.29	17.13	18.50	
		1	0	17.19	17.30	17.15	18.50	
		1	25	17.09	17.23	17.22	18.50	
		1	49	17.12	17.26	17.15	18.50	
	25	0	17.16	17.16	17.18	18.50		
	25	13	17.07	17.23	17.15	18.50		
	25	25	17.13	17.25	17.16	18.50		
	50	0	17.18	17.24	17.19	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20825	21100	21375		
15MHz	QPSK	1	0	17.20	17.33	17.21	18.50	
		1	38	17.16	17.20	17.14	18.50	
		1	74	17.18	17.16	17.21	18.50	
		36	0	17.17	17.22	17.19	18.50	
		36	18	17.18	17.26	17.17	18.50	
	16QAM	36	39	17.15	17.28	17.17	18.50	
		75	0	17.16	17.33	17.16	18.50	
		1	0	17.13	17.32	17.17	18.50	
		1	38	17.20	17.24	17.19	18.50	
		1	74	17.19	17.35	17.19	18.50	
	64QAM	36	0	17.13	17.22	17.14	18.50	
		36	18	17.17	17.25	17.17	18.50	
		36	39	17.08	17.24	17.11	18.50	
		75	0	17.17	17.29	17.17	18.50	
		1	0	17.14	17.23	17.18	18.50	
	1	38	17.14	17.24	17.16	18.50		
	1	74	17.10	17.23	17.17	18.50		
	36	0	17.17	17.16	17.19	18.50		
	36	18	17.11	17.26	17.10	18.50		
	36	39	17.11	17.24	17.18	18.50		
	75	0	17.14	17.21	17.15	18.50		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
	20MHz	QPSK	1	0	17.36	17.45	17.44	18.50
1			50	17.29	17.31	17.32	18.50	
1			99	17.10	17.16	17.09	18.50	
50			0	17.29	17.36	17.26	18.50	
50			25	17.17	17.24	17.19	18.50	
16QAM		50	50	17.23	17.30	17.24	18.50	
		100	0	17.24	17.29	17.19	18.50	
		1	0	17.26	17.31	17.21	18.50	
		1	50	17.21	17.28	17.19	18.50	
		1	99	17.25	17.31	17.28	18.50	
64QAM		50	0	17.09	17.19	17.09	18.50	
		50	25	17.11	17.20	17.13	18.50	
		50	50	17.13	17.22	17.15	18.50	
		100	0	17.17	17.27	17.17	18.50	
		1	0	17.21	17.30	17.23	18.50	
	1	50	17.19	17.26	17.16	18.50		
	1	99	17.16	17.21	17.16	18.50		
	50	0	17.11	17.17	17.08	18.50		
	50	25	17.12	17.21	17.11	18.50		
	50	50	17.15	17.20	17.15	18.50		
	100	0	17.10	17.18	17.11	18.50		

				20775	21100	21425	
				16.82	16.92	16.82	
5MHz	QPSK	1	0	16.82	16.92	16.82	18.00
		1	13	16.79	16.84	16.81	18.00
		1	24	16.82	16.82	16.80	18.00
		12	0	16.78	16.86	16.82	18.00
		12	6	16.78	16.89	16.82	18.00
		12	13	16.73	16.91	16.77	18.00
	16QAM	25	0	16.76	16.90	16.76	18.00
		1	0	16.72	16.93	16.79	18.00
		1	13	16.81	16.90	16.79	18.00
		1	24	16.78	16.93	16.76	18.00
		12	0	16.76	16.85	16.75	18.00
		12	6	16.71	16.82	16.77	18.00
	64QAM	12	13	16.69	16.84	16.76	18.00
		25	0	16.78	16.90	16.78	18.00
		1	0	16.76	16.85	16.77	18.00
		1	13	16.70	16.79	16.81	18.00
		1	24	16.74	16.83	16.81	18.00
		12	0	16.77	16.76	16.78	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	16.71	16.79	16.71	18.00
		1	25	16.68	16.73	16.71	18.00
		1	49	16.71	16.73	16.67	18.00
		25	0	16.64	16.77	16.67	18.00
		25	13	16.65	16.75	16.73	18.00
		25	25	16.64	16.85	16.68	18.00
	16QAM	50	0	16.63	16.80	16.65	18.00
		1	0	16.63	16.85	16.66	18.00
		1	25	16.70	16.82	16.67	18.00
		1	49	16.64	16.82	16.66	18.00
		25	0	16.67	16.74	16.61	18.00
		25	13	16.59	16.68	16.66	18.00
	64QAM	25	25	16.57	16.73	16.64	18.00
		50	0	16.67	16.76	16.66	18.00
		1	0	16.61	16.73	16.62	18.00
		1	25	16.60	16.69	16.69	18.00
		1	49	16.60	16.72	16.71	18.00
		25	0	16.65	16.62	16.64	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.68	16.85	16.72	18.00
		1	38	16.64	16.73	16.70	18.00
		1	74	16.69	16.73	16.68	18.00
		36	0	16.70	16.77	16.68	18.00
		36	18	16.68	16.79	16.73	18.00
		36	39	16.64	16.79	16.63	18.00
	16QAM	75	0	16.63	16.82	16.65	18.00
		1	0	16.64	16.82	16.65	18.00
		1	38	16.72	16.77	16.64	18.00
		1	74	16.66	16.85	16.65	18.00
		36	0	16.66	16.77	16.64	18.00
		36	18	16.63	16.71	16.63	18.00
	64QAM	36	39	16.61	16.70	16.62	18.00
		75	0	16.64	16.79	16.65	18.00
		1	0	16.65	16.72	16.65	18.00
		1	38	16.56	16.70	16.69	18.00
		1	74	16.61	16.70	16.72	18.00
		36	0	16.68	16.61	16.70	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	

20MHz	QPSK	1	0	16.87	16.95	16.84	18.00
		1	50	16.70	16.73	16.73	18.00
		1	99	16.74	16.74	16.70	18.00
		50	0	16.74	16.84	16.71	18.00
		50	25	16.66	16.76	16.73	18.00
		50	50	16.63	16.85	16.63	18.00
		100	0	16.64	16.85	16.61	18.00
	16QAM	1	0	16.59	16.80	16.70	18.00
		1	50	16.72	16.77	16.65	18.00
		1	99	16.69	16.87	16.63	18.00
		50	0	16.66	16.72	16.62	18.00
		50	25	16.61	16.70	16.68	18.00
		50	50	16.61	16.70	16.68	18.00
		100	0	16.70	16.75	16.70	18.00
	64QAM	1	0	16.63	16.77	16.66	18.00
		1	50	16.59	16.66	16.70	18.00
		1	99	16.60	16.75	16.69	18.00
		50	0	16.68	16.64	16.69	18.00
		50	25	16.54	16.71	16.60	18.00
		50	50	16.63	16.77	16.63	18.00
		100	0	16.65	16.73	16.62	18.00

LTE Band 7 state13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	15.87	15.96	15.86	17.00
		1	13	15.82	15.87	15.88	17.00
		1	24	15.87	15.88	15.88	17.00
		12	0	15.84	15.86	15.87	17.00
		12	6	15.82	15.83	15.81	17.00
		12	13	15.81	15.87	15.83	17.00
		25	0	15.83	15.88	15.82	17.00
	16QAM	1	0	15.86	15.88	15.87	17.00
		1	13	15.83	15.85	15.83	17.00
		1	24	15.85	15.83	15.84	17.00
		12	0	15.72	15.85	15.72	17.00
		12	6	15.71	15.79	15.75	17.00
		12	13	15.70	15.79	15.75	17.00
		25	0	15.78	15.85	15.79	17.00
	64QAM	1	0	15.72	15.86	15.72	17.00
		1	13	15.71	15.79	15.81	17.00
		1	24	15.76	15.83	15.76	17.00
		12	0	15.77	15.75	15.74	17.00
		12	6	15.65	15.82	15.77	17.00
		12	13	15.70	15.87	15.70	17.00
		25	0	15.74	15.80	15.77	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	15.75	15.86	15.76	17.00
		1	25	15.74	15.72	15.78	17.00
		1	49	15.72	15.78	15.77	17.00
		25	0	15.74	15.74	15.76	17.00
		25	13	15.68	15.70	15.70	17.00
		25	25	15.70	15.76	15.69	17.00
		50	0	15.68	15.75	15.73	17.00
	16QAM	1	0	15.75	15.78	15.79	17.00
		1	25	15.69	15.70	15.75	17.00
		1	49	15.71	15.73	15.70	17.00
		25	0	15.63	15.73	15.58	17.00
		25	13	15.59	15.70	15.65	17.00
		25	25	15.61	15.66	15.65	17.00
		50	0	15.65	15.75	15.69	17.00
	64QAM	1	0	15.58	15.74	15.63	17.00
		1	25	15.61	15.66	15.69	17.00
		1	49	15.68	15.71	15.63	17.00
		25	0	15.63	15.67	15.62	17.00
		25	13	15.52	15.67	15.62	17.00
		25	25	15.57	15.79	15.59	17.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		50	0	15.61	15.66	15.64	17.00
				20825	21100	21375	
15MHz	QPSK	1	0	15.79	15.88	15.76	17.00
		1	38	15.74	15.77	15.78	17.00
		1	74	15.76	15.80	15.75	17.00
		36	0	15.74	15.78	15.78	17.00
		36	18	15.69	15.73	15.71	17.00
		36	39	15.71	15.78	15.75	17.00
	16QAM	75	0	15.72	15.76	15.74	17.00
		1	0	15.76	15.79	15.72	17.00
		1	38	15.72	15.76	15.71	17.00
		1	74	15.77	15.74	15.69	17.00
		36	0	15.64	15.73	15.61	17.00
		36	18	15.58	15.66	15.62	17.00
	64QAM	36	39	15.62	15.66	15.61	17.00
		75	0	15.69	15.75	15.70	17.00
		1	0	15.58	15.72	15.58	17.00
		1	38	15.61	15.70	15.72	17.00
		1	74	15.66	15.71	15.66	17.00
		36	0	15.67	15.65	15.66	17.00
20MHz	QPSK	36	18	15.57	15.68	15.67	17.00
		36	39	15.62	15.73	15.62	17.00
		75	0	15.66	15.70	15.65	17.00
	16QAM	1	0	15.84	15.97	15.83	17.00
		1	50	15.74	15.73	15.77	17.00
		1	99	15.75	15.75	15.75	17.00
	64QAM	50	0	15.72	15.87	15.79	17.00
		50	25	15.73	15.74	15.69	17.00
		50	50	15.71	15.79	15.75	17.00
	16QAM	100	0	15.68	15.74	15.73	17.00
		1	0	15.71	15.74	15.75	17.00
		1	50	15.72	15.70	15.68	17.00
		1	99	15.75	15.68	15.74	17.00
	64QAM	50	0	15.61	15.74	15.64	17.00
		50	25	15.63	15.67	15.60	17.00
		50	50	15.62	15.68	15.61	17.00
	16QAM	100	0	15.64	15.77	15.66	17.00
		1	0	15.64	15.73	15.61	17.00
		1	50	15.60	15.68	15.68	17.00
		1	99	15.65	15.69	15.64	17.00
	64QAM	50	0	15.69	15.63	15.66	17.00
		50	25	15.55	15.69	15.66	17.00
		50	50	15.59	15.76	15.56	17.00
		100	0	15.64	15.69	15.62	17.00

LTE Band 66 state3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	131979	132322	132665	19.50
		1	2	18.38	18.47	18.36	19.50
		1	5	18.35	18.37	18.37	19.50
		3	0	18.33	18.33	18.39	19.50
		3	1	18.35	18.33	18.34	19.50
		3	3	18.34	18.32	18.33	19.50
	16QAM	3	3	18.39	18.32	18.37	19.50
		6	0	18.36	18.37	18.33	19.50
		1	0	18.33	18.39	18.37	19.50
		1	2	18.39	18.36	18.36	19.50
		1	5	18.37	18.32	18.36	19.50
		3	0	18.38	18.34	18.36	19.50
	64QAM	3	1	18.37	18.39	18.36	19.50
		3	3	18.34	18.38	18.39	19.50
		6	0	18.39	18.33	18.38	19.50
		1	0	18.33	18.39	18.39	19.50
		1	2	18.36	18.36	18.33	19.50
		1	5	18.34	18.34	18.35	19.50

		3	0	18.32	18.39	18.35	19.50
		3	1	18.37	18.38	18.39	19.50
		3	3	18.32	18.34	18.33	19.50
		6	0	18.37	18.38	18.33	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	18.27	18.34	18.24	19.50
		1	7	18.21	18.26	18.23	19.50
		1	14	18.22	18.18	18.25	19.50
		8	0	18.23	18.24	18.19	19.50
		8	4	18.22	18.20	18.22	19.50
		8	7	18.29	18.20	18.23	19.50
		15	0	18.28	18.26	18.23	19.50
	16QAM	1	0	18.19	18.27	18.27	19.50
		1	7	18.30	18.24	18.25	19.50
		1	14	18.24	18.23	18.21	19.50
		8	0	18.26	18.19	18.23	19.50
		8	4	18.27	18.27	18.23	19.50
		8	7	18.22	18.29	18.31	19.50
		15	0	18.25	18.21	18.24	19.50
	64QAM	1	0	18.24	18.30	18.30	19.50
		1	7	18.25	18.22	18.20	19.50
		1	14	18.23	18.19	18.22	19.50
		8	0	18.24	18.28	18.25	19.50
		8	4	18.29	18.23	18.26	19.50
		8	7	18.22	18.22	18.21	19.50
		15	0	18.22	18.27	18.23	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	18.28	18.34	18.25	19.50
		1	13	18.20	18.23	18.29	19.50
		1	24	18.22	18.22	18.30	19.50
		12	0	18.21	18.20	18.19	19.50
		12	6	18.23	18.20	18.25	19.50
		12	13	18.29	18.21	18.27	19.50
		25	0	18.28	18.27	18.23	19.50
	16QAM	1	0	18.21	18.29	18.27	19.50
		1	13	18.26	18.25	18.21	19.50
		1	24	18.24	18.20	18.24	19.50
		12	0	18.29	18.24	18.27	19.50
		12	6	18.22	18.30	18.26	19.50
		12	13	18.24	18.29	18.30	19.50
		25	0	18.28	18.22	18.27	19.50
	64QAM	1	0	18.22	18.31	18.27	19.50
		1	13	18.24	18.22	18.25	19.50
		1	24	18.24	18.20	18.25	19.50
		12	0	18.18	18.29	18.22	19.50
		12	6	18.26	18.29	18.28	19.50
		12	13	18.17	18.25	18.19	19.50
		25	0	18.28	18.26	18.25	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	18.29	18.34	18.24	19.50
		1	25	18.26	18.23	18.26	19.50
		1	49	18.23	18.19	18.24	19.50
		25	0	18.20	18.22	18.24	19.50
		25	13	18.23	18.20	18.22	19.50
		25	25	18.28	18.18	18.26	19.50
		50	0	18.27	18.29	18.20	19.50
	16QAM	1	0	18.19	18.25	18.23	19.50
		1	25	18.31	18.25	18.27	19.50
		1	49	18.25	18.24	18.27	19.50
		25	0	18.24	18.19	18.27	19.50
		25	13	18.25	18.31	18.23	19.50
		25	25	18.21	18.29	18.25	19.50
		50	0	18.24	18.19	18.24	19.50
	64QAM	1	0	18.23	18.30	18.24	19.50
		1	25	18.27	18.27	18.22	19.50
		1	49	18.22	18.25	18.25	19.50
		25	0	18.23	18.25	18.25	19.50

		25	13	18.27	18.29	18.31	19.50
		25	25	18.19	18.26	18.24	19.50
		50	0	18.29	18.23	18.19	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	18.28	18.32	18.27	19.50
		1	38	18.21	18.28	18.29	19.50
		1	74	18.19	18.22	18.27	19.50
		36	0	18.24	18.23	18.26	19.50
		36	18	18.24	18.19	18.25	19.50
		36	39	18.31	18.24	18.26	19.50
		75	0	18.23	18.24	18.25	19.50
	16QAM	1	0	18.21	18.27	18.23	19.50
		1	38	18.28	18.22	18.23	19.50
		1	74	18.28	18.24	18.27	19.50
		36	0	18.24	18.21	18.27	19.50
		36	18	18.24	18.31	18.25	19.50
		36	39	18.24	18.27	18.28	19.50
		75	0	18.28	18.21	18.26	19.50
	64QAM	1	0	18.18	18.30	18.26	19.50
		1	38	18.25	18.23	18.24	19.50
		1	74	18.26	18.21	18.20	19.50
		36	0	18.20	18.31	18.23	19.50
		36	18	18.23	18.27	18.27	19.50
		36	39	18.17	18.26	18.22	19.50
		75	0	18.24	18.27	18.23	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	18.45	18.49	18.44	19.50
		1	50	18.24	18.26	18.27	19.50
		1	99	18.22	18.23	18.26	19.50
		50	0	18.25	18.32	18.29	19.50
		50	25	18.26	18.21	18.24	19.50
		50	50	18.27	18.22	18.28	19.50
		100	0	18.25	18.28	18.22	19.50
	16QAM	1	0	18.18	18.26	18.27	19.50
		1	50	18.31	18.23	18.27	19.50
		1	99	18.28	18.23	18.22	19.50
		50	0	18.30	18.24	18.24	19.50
		50	25	18.27	18.25	18.23	19.50
		50	50	18.20	18.29	18.28	19.50
		100	0	18.30	18.25	18.27	19.50
	64QAM	1	0	18.20	18.28	18.25	19.50
		1	50	18.27	18.23	18.21	19.50
		1	99	18.25	18.23	18.22	19.50
		50	0	18.22	18.29	18.23	19.50
		50	25	18.26	18.26	18.27	19.50
		50	50	18.19	18.24	18.19	19.50
		100	0	18.29	18.24	18.23	19.50

LTE Band 66 state5&10&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.93	24.04	23.95	25.00
		1	2	23.93	23.96	23.95	25.00
		1	5	23.90	23.90	23.94	25.00
		3	0	23.91	23.91	23.96	25.00
		3	1	23.96	23.92	23.90	25.00
		3	3	23.94	23.95	23.94	25.00
		6	0	22.90	23.05	22.96	24.00
	16QAM	1	0	22.89	23.02	22.94	24.00
		1	2	22.89	23.03	22.95	24.00
		1	5	22.95	23.03	22.91	24.00
		3	0	22.88	23.01	22.90	24.00
		3	1	22.93	23.05	22.93	24.00
		3	3	22.93	23.00	22.96	24.00
		6	0	21.86	22.02	21.94	23.00
	64QAM	1	0	21.92	22.04	21.96	23.00

		1	2	21.88	22.04	21.98	23.00
		1	5	21.89	22.02	21.91	23.00
		3	0	21.91	22.03	21.95	23.00
		3	1	21.86	22.00	21.96	23.00
		3	3	21.86	22.04	21.93	23.00
		6	0	20.86	21.00	20.90	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 131987	Channel 132322	Channel 132657	Tune up
3MHz	QPSK	1	0	23.81	23.91	23.81	25.00
		1	7	23.81	23.88	23.80	25.00
		1	14	23.77	23.76	23.82	25.00
		8	0	23.77	23.80	23.81	24.00
		8	4	23.84	23.79	23.79	24.00
		8	7	23.83	23.80	23.79	24.00
	16QAM	15	0	22.79	22.91	22.81	24.00
		1	0	22.78	22.94	22.80	24.00
		1	7	22.75	22.89	22.80	24.00
		1	14	22.83	22.90	22.78	24.00
		8	0	22.78	22.89	22.75	23.00
		8	4	22.79	22.90	22.82	23.00
	64QAM	8	7	22.78	22.86	22.88	23.00
		15	0	21.75	21.92	21.86	23.00
		1	0	21.83	21.95	21.82	23.00
		1	7	21.79	21.92	21.83	23.00
		1	14	21.77	21.89	21.77	23.00
		8	0	21.79	21.93	21.83	22.00
5MHz	QPSK	8	4	21.74	21.86	21.84	22.00
		8	7	21.71	21.92	21.84	22.00
		15	0	20.73	20.89	20.79	22.00
		1	0	23.84	23.93	23.82	25.00
		1	13	23.81	23.87	23.85	25.00
		1	24	23.77	23.82	23.81	25.00
	16QAM	12	0	23.76	23.77	23.85	24.00
		12	6	23.82	23.82	23.81	24.00
		12	13	23.83	23.83	23.85	24.00
		25	0	22.78	22.96	22.83	24.00
		1	0	22.78	22.93	22.82	24.00
		1	13	22.80	22.94	22.81	24.00
	64QAM	1	24	22.81	22.94	22.76	24.00
		12	0	22.75	22.91	22.79	23.00
		12	6	22.82	22.94	22.82	23.00
		12	13	22.83	22.86	22.86	23.00
25		0	21.71	21.92	21.79	23.00	
1		0	21.80	21.93	21.88	23.00	
10MHz	QPSK	1	13	21.73	21.90	21.88	23.00
		1	24	21.78	21.92	21.80	23.00
		12	0	21.81	21.89	21.87	22.00
		12	6	21.77	21.87	21.87	22.00
		12	13	21.76	21.89	21.84	22.00
		25	0	20.74	20.86	20.77	22.00
	16QAM	1	0	23.82	23.92	23.87	25.00
		1	25	23.82	23.86	23.84	25.00
		1	49	23.81	23.78	23.84	25.00
		25	0	23.79	23.78	23.82	24.00
		25	13	23.85	23.80	23.77	24.00
		25	25	23.82	23.80	23.79	24.00
	64QAM	50	0	22.78	22.92	22.81	24.00
		1	0	22.74	22.93	22.86	24.00
		1	25	22.80	22.95	22.80	24.00
		1	49	22.85	22.94	22.79	24.00
		25	0	22.74	22.91	22.81	23.00
		25	13	22.82	22.93	22.82	23.00
10MHz	16QAM	25	25	22.80	22.87	22.84	23.00
		50	0	21.71	21.91	21.83	23.00
		1	0	21.82	21.93	21.83	23.00
		1	25	21.80	21.94	21.90	23.00
		1	0	23.82	23.92	23.87	25.00
		1	25	23.82	23.86	23.84	25.00
	64QAM	1	49	23.81	23.78	23.84	25.00
		25	0	23.79	23.78	23.82	24.00
		25	13	23.85	23.80	23.77	24.00
		25	25	23.82	23.80	23.79	24.00
		50	0	22.78	22.92	22.81	24.00
		1	0	22.74	22.93	22.86	24.00

		1	49	21.79	21.89	21.82	23.00
		25	0	21.80	21.91	21.85	22.00
		25	13	21.78	21.89	21.86	22.00
		25	25	21.72	21.91	21.83	22.00
		50	0	20.73	20.88	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.85	23.96	23.81	25.00
		1	38	23.82	23.87	23.82	25.00
		1	74	23.76	23.80	23.84	25.00
		36	0	23.82	23.82	23.87	24.00
		36	18	23.88	23.80	23.76	24.00
		36	39	23.83	23.82	23.81	24.00
	16QAM	75	0	22.76	22.92	22.85	24.00
		1	0	22.80	22.88	22.82	24.00
		1	38	22.78	22.94	22.83	24.00
		1	74	22.86	22.89	22.83	24.00
		36	0	22.77	22.89	22.77	23.00
		36	18	22.78	22.91	22.81	23.00
	64QAM	36	39	22.84	22.88	22.84	23.00
		75	0	21.75	21.87	21.83	23.00
		1	0	21.82	21.95	21.81	23.00
		1	38	21.75	21.92	21.83	23.00
		1	74	21.81	21.90	21.79	23.00
		36	0	21.78	21.91	21.86	22.00
		36	18	21.78	21.92	21.84	22.00
		36	39	21.73	21.91	21.79	22.00
		75	0	20.71	20.86	20.78	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.85	23.90	23.82	25.00
		1	50	23.80	23.81	23.83	25.00
		1	99	23.78	23.78	23.83	25.00
		50	0	23.29	23.38	23.36	24.00
		50	25	23.31	23.29	23.32	24.00
		50	50	23.36	23.35	23.36	24.00
	16QAM	100	0	22.78	22.93	22.82	24.00
		1	0	22.78	22.87	22.81	24.00
		1	50	22.75	22.93	22.87	24.00
		1	99	22.87	22.90	22.80	24.00
		50	0	22.80	22.89	22.80	23.00
		50	25	22.81	22.93	22.85	23.00
	64QAM	50	50	22.84	22.88	22.82	23.00
		100	0	21.74	21.88	21.83	23.00
		1	0	21.79	21.93	21.83	23.00
		1	50	21.79	21.91	21.85	23.00
		1	99	21.79	21.92	21.78	23.00
		50	0	21.80	21.93	21.87	22.00
		50	25	21.74	21.87	21.82	22.00
		50	50	21.73	21.91	21.83	22.00
		100	0	20.77	20.89	20.81	22.00

LTE Band 66 state8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	17.94	18.02	17.89	19.00
		1	2	17.92	17.90	17.90	19.00
		1	5	17.88	17.93	17.91	19.00
		3	0	17.94	17.88	17.89	19.00
		3	1	17.93	17.88	17.91	19.00
		3	3	17.92	17.93	17.88	19.00
	16QAM	6	0	17.91	17.93	17.94	19.00
		1	0	17.90	17.93	17.93	19.00
		1	2	17.91	17.89	17.88	19.00
		1	5	17.93	17.93	17.89	19.00
		3	0	17.92	17.94	17.93	19.00
		3	1	17.89	17.90	17.93	19.00
		3	3	17.90	17.92	17.94	19.00

	64QAM	6	0	17.93	17.90	17.89	19.00
		1	0	17.93	17.94	17.91	19.00
		1	2	17.94	17.94	17.93	19.00
		1	5	17.93	17.89	17.93	19.00
		3	0	17.91	17.94	17.89	19.00
		3	1	17.91	17.92	17.94	19.00
		3	3	17.88	17.91	17.94	19.00
	64QAM	6	0	17.88	17.93	17.92	19.00
		Bandwidth	Modulation	RB size	RB offset	Channel	Tune up
						131987	132322
						132657	
3MHz	QPSK	1	0	17.83	17.92	17.75	19.00
		1	7	17.82	17.77	17.80	19.00
		1	14	17.77	17.79	17.77	19.00
		8	0	17.81	17.73	17.80	19.00
		8	4	17.82	17.76	17.83	19.00
		8	7	17.84	17.79	17.77	19.00
		15	0	17.76	17.80	17.85	19.00
	16QAM	1	0	17.77	17.79	17.79	19.00
		1	7	17.79	17.76	17.77	19.00
		1	14	17.81	17.84	17.81	19.00
		8	0	17.78	17.83	17.79	19.00
		8	4	17.78	17.82	17.84	19.00
		8	7	17.77	17.80	17.79	19.00
		15	0	17.78	17.82	17.76	19.00
	64QAM	1	0	17.83	17.79	17.82	19.00
		1	7	17.81	17.83	17.84	19.00
		1	14	17.81	17.75	17.80	19.00
		8	0	17.81	17.79	17.78	19.00
		8	4	17.81	17.82	17.86	19.00
		8	7	17.75	17.76	17.84	19.00
		15	0	17.73	17.81	17.82	19.00
5MHz	QPSK	1	0	17.84	17.89	17.76	19.00
		1	13	17.78	17.82	17.81	19.00
		1	24	17.78	17.80	17.76	19.00
		12	0	17.86	17.78	17.78	19.00
		12	6	17.81	17.78	17.79	19.00
		12	13	17.84	17.82	17.78	19.00
		25	0	17.76	17.83	17.80	19.00
	16QAM	1	0	17.76	17.83	17.82	19.00
		1	13	17.82	17.78	17.75	19.00
		1	24	17.79	17.85	17.78	19.00
		12	0	17.78	17.80	17.83	19.00
		12	6	17.81	17.77	17.84	19.00
		12	13	17.80	17.83	17.84	19.00
		25	0	17.82	17.79	17.79	19.00
	64QAM	1	0	17.85	17.82	17.79	19.00
		1	13	17.84	17.85	17.85	19.00
		1	24	17.79	17.80	17.79	19.00
		12	0	17.78	17.82	17.78	19.00
		12	6	17.76	17.81	17.80	19.00
		12	13	17.74	17.77	17.82	19.00
		25	0	17.75	17.83	17.83	19.00
10MHz	QPSK	1	0	17.81	17.90	17.80	19.00
		1	25	17.80	17.76	17.81	19.00
		1	49	17.75	17.80	17.82	19.00
		25	0	17.80	17.80	17.80	19.00
		25	13	17.82	17.76	17.77	19.00
		25	25	17.83	17.82	17.74	19.00
		50	0	17.78	17.80	17.83	19.00
	16QAM	1	0	17.78	17.79	17.84	19.00
		1	25	17.81	17.81	17.78	19.00
		1	49	17.82	17.82	17.76	19.00
		25	0	17.81	17.84	17.79	19.00
		25	13	17.77	17.75	17.84	19.00
		25	25	17.77	17.82	17.84	19.00
		50	0	17.82	17.78	17.78	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	

	64QAM	1	0	17.80	17.84	17.79	19.00
		1	25	17.82	17.86	17.83	19.00
		1	49	17.83	17.78	17.81	19.00
		25	0	17.81	17.79	17.76	19.00
		25	13	17.77	17.84	17.84	19.00
		25	25	17.79	17.76	17.80	19.00
		50	0	17.75	17.83	17.79	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	17.83	17.93	17.78	19.00
		1	38	17.83	17.82	17.79	19.00
		1	74	17.75	17.81	17.77	19.00
		36	0	17.84	17.76	17.81	19.00
		36	18	17.84	17.80	17.76	19.00
		36	39	17.83	17.84	17.80	19.00
		75	0	17.79	17.83	17.80	19.00
	16QAM	1	0	17.76	17.80	17.82	19.00
		1	38	17.79	17.75	17.75	19.00
		1	74	17.80	17.79	17.78	19.00
		36	0	17.84	17.80	17.79	19.00
		36	18	17.78	17.82	17.79	19.00
		36	39	17.79	17.78	17.82	19.00
		75	0	17.85	17.80	17.75	19.00
	64QAM	1	0	17.83	17.82	17.81	19.00
		1	38	17.84	17.80	17.84	19.00
		1	74	17.83	17.78	17.81	19.00
		36	0	17.78	17.79	17.76	19.00
		36	18	17.82	17.77	17.86	19.00
		36	39	17.75	17.82	17.80	19.00
		75	0	17.74	17.80	17.80	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	18.05	18.08	18.06	19.00
		1	50	17.80	17.76	17.79	19.00
		1	99	17.74	17.85	17.76	19.00
		50	0	17.85	17.89	17.85	19.00
		50	25	17.84	17.74	17.81	19.00
		50	50	17.81	17.82	17.78	19.00
		100	0	17.78	17.85	17.86	19.00
	16QAM	1	0	17.76	17.82	17.78	19.00
		1	50	17.79	17.76	17.80	19.00
		1	99	17.79	17.81	17.80	19.00
		50	0	17.80	17.81	17.79	19.00
		50	25	17.78	17.79	17.84	19.00
		50	50	17.79	17.83	17.83	19.00
		100	0	17.82	17.82	17.81	19.00
	64QAM	1	0	17.81	17.84	17.79	19.00
		1	50	17.81	17.81	17.84	19.00
		1	99	17.81	17.76	17.85	19.00
		50	0	17.81	17.82	17.76	19.00
		50	25	17.81	17.79	17.81	19.00
		50	50	17.74	17.77	17.84	19.00
		100	0	17.77	17.79	17.81	19.00

LTE Band 66 state13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 131979	Channel 132322	Channel 132665	Tune up
1.4MHz	QPSK	1	0	16.91	17.02	16.93	18.00
		1	2	16.91	16.87	16.90	18.00
		1	5	16.92	16.90	16.91	18.00
		3	0	16.91	16.91	16.91	18.00
		3	1	16.89	16.90	16.88	18.00
		3	3	16.93	16.88	16.87	18.00
	16QAM	6	0	16.88	16.92	16.89	18.00
		1	0	16.87	16.91	16.93	18.00
		1	2	16.88	16.92	16.91	18.00
		1	5	16.94	16.90	16.88	18.00
		3	0	16.88	16.90	16.93	18.00

	64QAM	3	1	16.88	16.90	16.90	18.00
		3	3	16.90	16.92	16.87	18.00
		6	0	16.92	16.94	16.89	18.00
		1	0	16.88	16.90	16.87	18.00
		1	2	16.91	16.89	16.94	18.00
		1	5	16.90	16.94	16.92	18.00
		3	0	16.91	16.88	16.89	18.00
		3	1	16.91	16.91	16.92	18.00
		3	3	16.91	16.92	16.92	18.00
		6	0	16.89	16.90	16.93	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	16.77	16.93	16.81	18.00
		1	7	16.78	16.78	16.77	18.00
		1	14	16.78	16.76	16.77	18.00
		8	0	16.82	16.82	16.83	18.00
		8	4	16.75	16.80	16.73	18.00
		8	7	16.80	16.77	16.78	18.00
	16QAM	15	0	16.78	16.79	16.77	18.00
		1	0	16.74	16.80	16.81	18.00
		1	7	16.75	16.80	16.81	18.00
		1	14	16.86	16.82	16.78	18.00
		8	0	16.76	16.78	16.81	18.00
		8	4	16.79	16.81	16.78	18.00
	64QAM	8	7	16.78	16.83	16.77	18.00
		15	0	16.81	16.81	16.79	18.00
		1	0	16.79	16.82	16.79	18.00
		1	7	16.77	16.77	16.81	18.00
		1	14	16.77	16.82	16.81	18.00
		8	0	16.78	16.77	16.75	18.00
5MHz	QPSK	8	4	16.79	16.81	16.81	18.00
		8	7	16.82	16.83	16.83	18.00
		15	0	16.78	16.79	16.79	18.00
	16QAM	1	0	16.79	16.93	16.78	18.00
		1	13	16.83	16.78	16.79	18.00
		1	24	16.80	16.80	16.79	18.00
	64QAM	12	0	16.79	16.81	16.82	18.00
		12	6	16.81	16.76	16.75	18.00
		12	13	16.84	16.76	16.72	18.00
		25	0	16.75	16.84	16.75	18.00
	16QAM	1	0	16.76	16.81	16.81	18.00
		1	13	16.74	16.82	16.82	18.00
		1	24	16.83	16.79	16.75	18.00
		12	0	16.73	16.75	16.79	18.00
		12	6	16.80	16.81	16.80	18.00
		12	13	16.80	16.80	16.72	18.00
10MHz	QPSK	25	0	16.84	16.80	16.80	18.00
		1	0	16.78	16.81	16.77	18.00
		1	13	16.83	16.81	16.80	18.00
		1	24	16.81	16.84	16.80	18.00
		12	0	16.82	16.80	16.78	18.00
		12	6	16.82	16.79	16.80	18.00
	16QAM	12	13	16.77	16.80	16.82	18.00
		25	0	16.81	16.77	16.79	18.00
		1	0	16.82	16.91	16.85	18.00
		1	25	16.82	16.73	16.78	18.00
		1	49	16.79	16.79	16.77	18.00
		25	0	16.83	16.77	16.77	18.00
	QPSK	25	13	16.80	16.78	16.79	18.00
		25	25	16.79	16.74	16.75	18.00
		50	0	16.78	16.82	16.77	18.00
		1	0	16.79	16.79	16.78	18.00
		1	25	16.74	16.77	16.77	18.00
		1	49	16.86	16.81	16.80	18.00
10MHz	16QAM	25	0	16.79	16.77	16.84	18.00
		25	13	16.77	16.78	16.76	18.00
		1	0	16.82	16.91	16.85	18.00
		1	25	16.82	16.73	16.78	18.00
		1	49	16.79	16.79	16.77	18.00
		25	0	16.83	16.77	16.77	18.00
	QPSK	25	13	16.80	16.78	16.79	18.00
		25	25	16.79	16.74	16.75	18.00
		50	0	16.78	16.82	16.77	18.00
		1	0	16.79	16.79	16.78	18.00
		1	25	16.74	16.77	16.77	18.00
		1	49	16.86	16.81	16.80	18.00
10MHz	16QAM	25	0	16.79	16.77	16.84	18.00
		25	13	16.77	16.78	16.76	18.00
		1	0	16.82	16.91	16.85	18.00
		1	25	16.82	16.73	16.78	18.00
		1	49	16.79	16.79	16.77	18.00
		25	0	16.83	16.77	16.77	18.00
	QPSK	25	13	16.80	16.78	16.79	18.00
		25	25	16.79	16.74	16.75	18.00
		50	0	16.78	16.82	16.77	18.00
		1	0	16.79	16.79	16.78	18.00
		1	25	16.74	16.77	16.77	18.00
		1	49	16.86	16.81	16.80	18.00
10MHz	16QAM	25	0	16.79	16.77	16.84	18.00
		25	13	16.77	16.78	16.76	18.00
		1	0	16.82	16.91	16.85	18.00
		1	25	16.82	16.73	16.78	18.00
		1	49	16.79	16.79	16.77	18.00
		25	0	16.83	16.77	16.77	18.00
	QPSK	25	13	16.80	16.78	16.79	18.00
		25	25	16.79	16.74	16.75	18.00
		50	0	16.78	16.82	16.77	18.00
		1	0	16.79	16.79	16.78	18.00
		1	25	16.74	16.77	16.77	18.00
		1	49	16.86	16.81	16.80	18.00
10MHz	16QAM	25	0	16.79	16.77	16.84	18.00
		25	13	16.77	16.78	16.76	18.00
		1	0	16.82	16.91	16.85	18.00
		1	25	16.82	16.73	16.78	18.00
		1	49	16.79	16.79	16.77	18.00
		25	0	16.83	16.77	16.77	18.00
	QPSK	25	13	16.80	16.78	16.79	18.00
		25	25	16.79	16.74	16.75	18.00
		50	0	16.78	16.82	16.77	18.00
		1	0	16.79	16.79	16.78	18.00
		1	25	16.74	16.77	16.77	18.00
		1	49	16.86	16.81	16.80	18.00
10MHz	16QAM	25	0	16.79	16.77	16.84	18.00
		25	13	16.77	16.78	16.76	18.00
		1	0	16.82	16.91	16.85	18.00
		1	25	16.82	16.73	16.78	18.00
		1	49	16.79	16.79	16.77	18.00
		25	0	16.83	16.77	16.77	18.00
	QPSK	25	13	16.80	16.78	16.79	18.00
		25	25	16.79	16.74	16.75	18.00
		50	0	16.78	16.82	16.77	18.00
		1	0	16.79	16.79	16.78	18.00
		1	25	16.74	16.77	16.77	18.00
		1	49	16.86	16.81	16.80	18.00
10MHz	16QAM	25	0	16.79	16.77	16.84	18.00
		25	13	16.77	16.78	16.76	18.00
		1	0	16.82	16.91	16.85	18.00
		1	25	16.82	16.73	16.78	18.00
		1	49	16.79	16.79	16.77	18.00
		25	0	16.83	16.77	16.77	18.00
	QPSK	25	13	16.80	16.78	16.79	18.00
		25	25	16.79	16.74	16.75	18.00
		50	0	16.78	16.82	16.77	18.00
		1	0	16.79	16.79	16.78	18.00
		1	25	16.74	16.77	16.77	18.00
		1	49	16.86	16.81	16.80	18.00
10MHz	16QAM	25	0	16.79	16.77	16.84	18.00
		25	13	16.77	16.78	16.76	18.00
		1	0	16.82	16.91	16.85	18.00
		1	25	16.82	16.73	16.78	18.00
		1	49	16.79	16.79	16.77	18.00
		25	0	16.83	16.77	16.77	18.00
	QPSK	25	13	16.80	16.78	16.79	18.00
		25	25	16.79	16.74	16.75	18.00
		50	0	16.78	16.82	16.77	18.00
		1	0	16.79	16.79	16.78	18.00
		1	25	16.74	16.77	16.77	18.00
		1	49	16.86	16.81	16.80	18.00
10MHz	16QAM	25	0	16.79	16.77	16.84	18.00
		25	13	16.77	16.78	16.76	18.00
		1	0	16.82	16.91	16.85	18.00
		1	25	16.82	16.73	16.78	18.00
		1	49	16.79	16.79	16.77	18.00
		25	0	16.83	16.77	16.77	18.00
	QPSK	25	13	16.80	16.78	16.79	18.00
		25	25	16.79	16.74	16.75	18.00
		50	0	16.78	16.82	16.77	18.00

	64QAM	25	25	16.82	16.84	16.76	18.00
		50	0	16.79	16.86	16.75	18.00
		1	0	16.79	16.77	16.77	18.00
		1	25	16.79	16.78	16.82	18.00
		1	49	16.82	16.86	16.84	18.00
		25	0	16.77	16.80	16.79	18.00
		25	13	16.76	16.76	16.78	18.00
		25	25	16.80	16.80	16.82	18.00
		50	0	16.80	16.77	16.82	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	16.83	16.88	16.85	18.00
		1	38	16.82	16.78	16.77	18.00
		1	74	16.84	16.77	16.77	18.00
		36	0	16.81	16.78	16.79	18.00
		36	18	16.78	16.80	16.78	18.00
		36	39	16.80	16.76	16.74	18.00
	16QAM	75	0	16.75	16.78	16.74	18.00
		1	0	16.73	16.81	16.79	18.00
		1	38	16.77	16.83	16.78	18.00
		1	74	16.83	16.75	16.77	18.00
		36	0	16.75	16.77	16.85	18.00
		36	18	16.76	16.82	16.79	18.00
	64QAM	36	39	16.79	16.84	16.74	18.00
		75	0	16.82	16.84	16.81	18.00
		1	0	16.79	16.78	16.75	18.00
		1	38	16.83	16.78	16.81	18.00
		1	74	16.80	16.85	16.80	18.00
		36	0	16.77	16.78	16.81	18.00
20MHz	QPSK	36	18	16.79	16.82	16.82	18.00
		36	39	16.77	16.78	16.79	18.00
		75	0	16.77	16.81	16.79	18.00
	16QAM	1	0	17.02	17.09	17.03	18.00
		1	50	16.83	16.77	16.81	18.00
		1	99	16.84	16.79	16.76	18.00
		50	0	16.79	16.93	16.88	18.00
		50	25	16.80	16.82	16.74	18.00
		50	50	16.79	16.78	16.78	18.00
	64QAM	100	0	16.77	16.79	16.81	18.00
		1	0	16.78	16.82	16.80	18.00
		1	50	16.80	16.82	16.79	18.00
		1	99	16.81	16.77	16.74	18.00
		50	0	16.78	16.78	16.84	18.00
		50	25	16.76	16.75	16.76	18.00
25MHz	QPSK	50	50	16.76	16.82	16.77	18.00
		100	0	16.80	16.81	16.79	18.00
	16QAM	1	0	16.79	16.82	16.79	18.00
		1	50	16.80	16.78	16.82	18.00
		1	99	16.79	16.79	16.81	18.00
		50	0	16.81	16.76	16.81	18.00
	64QAM	50	25	16.83	16.82	16.84	18.00
		50	50	16.81	16.84	16.84	18.00
		100	0	16.79	16.81	16.81	18.00

LTE Band 38 state5&10&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	37775	38000	38225	25.00
		1	13	23.46	23.58	23.49	25.00
		1	24	23.49	23.48	23.50	25.00
		12	0	23.49	23.49	23.48	25.00
		12	6	22.43	22.59	22.46	24.00
		12	13	22.45	22.59	22.49	24.00
	16QAM	25	0	22.41	22.58	22.47	24.00
		1	0	22.43	22.58	22.49	24.00
		1	0	22.45	22.58	22.50	24.00
		1	50	22.45	22.54	22.50	24.00
		1	99	22.45	22.54	22.50	24.00
		1	13	22.45	22.54	22.50	24.00

		1	24	22.44	22.56	22.45	24.00
		12	0	21.43	21.61	21.46	23.00
		12	6	21.45	21.55	21.48	23.00
		12	13	21.42	21.59	21.42	23.00
		25	0	21.39	21.60	21.48	23.00
	64QAM	1	0	21.39	21.55	21.47	23.00
		1	13	21.42	21.59	21.48	23.00
		1	24	21.43	21.58	21.45	23.00
		12	0	20.45	20.63	20.42	22.00
		12	6	20.44	20.58	20.48	22.00
		12	13	20.39	20.62	20.42	22.00
		25	0	20.45	20.58	20.43	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.38	23.44	23.40	25.00
		1	25	23.36	23.33	23.40	25.00
		1	49	23.35	23.39	23.36	25.00
		25	0	22.30	22.44	22.38	24.00
		25	13	22.36	22.50	22.36	24.00
		25	25	22.28	22.47	22.34	24.00
	16QAM	50	0	22.30	22.48	22.35	24.00
		1	0	22.35	22.50	22.36	24.00
		1	25	22.32	22.46	22.38	24.00
		1	49	22.30	22.44	22.37	24.00
		25	0	21.34	21.46	21.35	23.00
		25	13	21.36	21.42	21.38	23.00
	64QAM	25	25	21.30	21.47	21.32	23.00
		50	0	21.28	21.48	21.33	23.00
		1	0	21.28	21.45	21.33	23.00
		1	25	21.33	21.50	21.40	23.00
		1	49	21.35	21.50	21.31	23.00
		25	0	20.36	20.52	20.29	22.00
		25	13	20.30	20.49	20.40	22.00
		25	25	20.28	20.49	20.34	22.00
		50	0	20.30	20.45	20.35	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.38	23.45	23.40	25.00
		1	38	23.39	23.34	23.42	25.00
		1	74	23.36	23.37	23.34	25.00
		36	0	22.31	22.45	22.36	24.00
		36	18	22.35	22.46	22.39	24.00
		36	39	22.31	22.46	22.37	24.00
	16QAM	75	0	22.28	22.48	22.40	24.00
		1	0	22.36	22.44	22.39	24.00
		1	38	22.36	22.43	22.36	24.00
		1	74	22.33	22.47	22.34	24.00
		36	0	21.32	21.51	21.34	23.00
		36	18	21.31	21.40	21.37	23.00
	64QAM	36	39	21.28	21.47	21.32	23.00
		75	0	21.31	21.52	21.39	23.00
		1	0	21.31	21.40	21.34	23.00
		1	38	21.34	21.47	21.40	23.00
		1	74	21.32	21.46	21.37	23.00
		36	0	20.31	20.49	20.28	22.00
		36	18	20.31	20.45	20.34	22.00
		36	39	20.29	20.51	20.28	22.00
		75	0	20.33	20.46	20.30	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	23.63	/	25.00
		1	50	/	23.45	/	25.00
		1	99	/	23.37	/	25.00
		50	0	/	22.69	/	24.00
		50	25	/	22.47	/	24.00
		50	50	/	22.50	/	24.00
	16QAM	100	0	/	22.55	/	24.00
		1	0	/	22.49	/	24.00
		1	50	/	22.43	/	24.00
		1	99	/	22.42	/	24.00

		50	0	/	21.52	/	23.00
		50	25	/	21.44	/	23.00
		50	50	/	21.45	/	23.00
		100	0	/	21.51	/	23.00
	64QAM	1	0	/	21.41	/	23.00
		1	50	/	21.50	/	23.00
		1	99	/	21.43	/	23.00
		50	0	/	20.50	/	22.00
		50	25	/	20.49	/	22.00
		50	50	/	20.48	/	22.00
		100	0	/	20.49	/	22.00

LTE Band 38 state3&8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	19.91	20.01	19.90	21.50
		1	13	19.94	19.89	19.93	21.50
		1	24	19.93	19.90	19.92	21.50
		12	0	19.88	20.02	19.87	21.50
		12	6	19.87	20.02	19.91	21.50
		12	13	19.86	20.02	19.90	21.50
	16QAM	25	0	19.86	20.02	19.89	21.50
		1	0	19.89	20.01	19.90	21.50
		1	13	19.87	19.98	19.93	21.50
		1	24	19.85	19.97	19.87	21.50
		12	0	19.86	20.06	19.89	21.50
		12	6	19.86	19.98	19.88	21.50
	64QAM	12	13	19.87	20.01	19.86	21.50
		25	0	19.83	20.02	19.90	21.50
		1	0	19.81	19.97	19.89	21.50
		1	13	19.83	20.02	19.93	21.50
		1	24	19.85	19.99	19.87	21.50
		12	0	19.90	20.07	19.83	21.50
10MHz	QPSK	12	6	19.87	19.99	19.89	21.50
		12	13	19.80	20.06	19.86	21.50
		25	0	19.90	20.00	19.84	21.50
	16QAM	1	0	19.88	19.98	19.92	21.50
		1	25	19.94	19.91	19.91	21.50
		1	49	19.93	19.94	19.91	21.50
	64QAM	25	0	19.87	20.02	19.88	21.50
		25	13	19.88	20.01	19.92	21.50
		25	25	19.82	19.98	19.89	21.50
		50	0	19.88	20.00	19.92	21.50
	16QAM	1	0	19.87	19.98	19.91	21.50
		1	25	19.86	19.96	19.94	21.50
		1	49	19.85	19.99	19.87	21.50
		25	0	19.84	20.02	19.90	21.50
		25	13	19.88	19.96	19.92	21.50
		25	25	19.86	19.99	19.84	21.50
15MHz	QPSK	50	0	19.83	20.04	19.90	21.50
		1	0	19.81	19.97	19.91	21.50
		1	25	19.85	20.01	19.92	21.50
		1	49	19.84	20.01	19.90	21.50
		25	0	19.88	20.06	19.87	21.50
		25	13	19.86	19.99	19.90	21.50
	16QAM	25	25	19.80	20.07	19.84	21.50
		50	0	19.88	19.99	19.86	21.50
	64QAM	1	0	19.88	19.98	19.92	21.50
		1	38	19.90	19.93	19.91	21.50
		1	74	19.93	19.93	19.92	21.50
		36	0	19.87	20.02	19.89	21.50
		36	18	19.89	20.02	19.90	21.50
		36	39	19.84	20.01	19.89	21.50
		75	0	19.86	20.00	19.92	21.50

	16QAM	1	0	19.88	20.02	19.93	21.50
		1	38	19.89	19.98	19.94	21.50
		1	74	19.88	19.97	19.90	21.50
		36	0	19.86	20.03	19.88	21.50
		36	18	19.89	19.98	19.93	21.50
		36	39	19.87	20.02	19.84	21.50
		75	0	19.83	20.00	19.90	21.50
	64QAM	1	0	19.82	19.98	19.89	21.50
		1	38	19.82	20.00	19.89	21.50
		1	74	19.87	19.98	19.89	21.50
		36	0	19.90	20.04	19.83	21.50
		36	18	19.88	20.00	19.88	21.50
		36	39	19.83	20.03	19.83	21.50
		75	0	19.86	20.01	19.87	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	/	38000	/	21.50
		1	50	/	20.15	/	21.50
		1	99	/	19.90	/	21.50
		50	0	/	19.92	/	21.50
		50	25	/	20.08	/	21.50
		50	50	/	20.05	/	21.50
		100	0	/	20.04	/	21.50
	16QAM	1	0	/	19.97	/	21.50
		1	50	/	20.03	/	21.50
		1	99	/	19.98	/	21.50
		50	0	/	19.95	/	21.50
		50	25	/	20.01	/	21.50
		50	50	/	20.02	/	21.50
		100	0	/	20.00	/	21.50
	64QAM	1	0	/	20.00	/	21.50
		1	50	/	19.89	/	21.50
		1	99	/	20.02	/	21.50
		50	0	/	19.96	/	21.50
		50	25	/	20.08	/	21.50
		50	50	/	19.98	/	21.50
		100	0	/	20.00	/	21.50

LTE Band 38 state13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	37775	38000	38225	20.00
		1	13	18.46	18.58	18.49	20.00
		1	24	18.49	18.48	18.50	20.00
		12	0	18.49	18.49	18.48	20.00
		12	6	18.43	18.59	18.46	20.00
		12	13	18.45	18.59	18.49	20.00
		25	0	18.41	18.58	18.47	20.00
	16QAM	1	0	18.43	18.58	18.49	20.00
		1	13	18.45	18.58	18.50	20.00
		1	24	18.45	18.54	18.50	20.00
		12	0	18.44	18.56	18.45	20.00
		12	6	18.43	18.61	18.46	20.00
		12	13	18.45	18.55	18.48	20.00
		25	0	18.42	18.59	18.42	20.00
	64QAM	1	0	18.39	18.60	18.48	20.00
		1	13	18.39	18.55	18.47	20.00
		1	24	18.42	18.59	18.48	20.00
		12	0	18.43	18.58	18.45	20.00
		12	6	18.45	18.63	18.42	20.00
		12	13	18.44	18.58	18.48	20.00
		25	0	18.39	18.62	18.42	20.00
10MHz	QPSK	1	0	37800	38000	38200	20.00
		1	25	18.38	18.44	18.40	20.00
		1	49	18.36	18.33	18.40	20.00
		1	49	18.35	18.39	18.36	20.00
		25	0	18.30	18.44	18.38	20.00

		25	13	18.36	18.50	18.36	20.00
		25	25	18.28	18.47	18.34	20.00
		50	0	18.30	18.48	18.35	20.00
		1	0	18.35	18.50	18.36	20.00
		1	25	18.32	18.46	18.38	20.00
	16QAM	1	49	18.30	18.44	18.37	20.00
		25	0	18.34	18.46	18.35	20.00
		25	13	18.36	18.42	18.38	20.00
		25	25	18.30	18.47	18.32	20.00
		50	0	18.28	18.48	18.33	20.00
	64QAM	1	0	18.28	18.45	18.33	20.00
		1	25	18.33	18.50	18.40	20.00
		1	49	18.35	18.50	18.31	20.00
		25	0	18.36	18.52	18.29	20.00
		25	13	18.30	18.49	18.40	20.00
Bandwidth	Modulation	25	25	18.36	18.42	18.38	20.00
		25	25	18.30	18.47	18.32	20.00
		50	0	18.28	18.48	18.33	20.00
		1	0	18.28	18.45	18.33	20.00
		1	25	18.33	18.50	18.40	20.00
	16QAM	1	49	18.35	18.50	18.31	20.00
		25	0	18.36	18.52	18.29	20.00
		25	13	18.30	18.49	18.40	20.00
		25	25	18.28	18.49	18.34	20.00
		50	0	18.30	18.45	18.35	20.00
	64QAM	1	0	18.28	18.45	18.33	20.00
		1	25	18.33	18.50	18.40	20.00
		1	49	18.35	18.50	18.31	20.00
		25	0	18.36	18.52	18.29	20.00
		25	13	18.30	18.49	18.40	20.00
15MHz	QPSK	1	0	18.38	18.45	18.40	20.00
		1	38	18.39	18.34	18.42	20.00
		1	74	18.36	18.37	18.34	20.00
		36	0	18.31	18.45	18.36	20.00
		36	18	18.35	18.46	18.39	20.00
	16QAM	36	39	18.31	18.46	18.37	20.00
		75	0	18.28	18.48	18.40	20.00
		1	0	18.36	18.44	18.39	20.00
		1	38	18.36	18.43	18.36	20.00
		1	74	18.33	18.47	18.34	20.00
	64QAM	36	0	18.32	18.51	18.34	20.00
		36	18	18.31	18.40	18.37	20.00
		36	39	18.28	18.47	18.32	20.00
		75	0	18.31	18.52	18.39	20.00
		1	0	18.31	18.40	18.34	20.00
Bandwidth	Modulation	1	38	18.34	18.47	18.40	20.00
		1	74	18.32	18.46	18.37	20.00
		36	0	18.31	18.49	18.28	20.00
		36	18	18.31	18.45	18.34	20.00
		36	39	18.29	18.51	18.28	20.00
	16QAM	75	0	18.33	18.46	18.30	20.00
		1	0	18.31	18.40	18.34	20.00
		1	38	18.34	18.47	18.40	20.00
		1	74	18.32	18.46	18.37	20.00
		36	0	18.31	18.49	18.28	20.00
	64QAM	36	18	18.31	18.45	18.34	20.00
		36	39	18.29	18.51	18.28	20.00
		75	0	18.33	18.46	18.30	20.00
		1	0	18.31	18.40	18.34	20.00
		1	38	18.34	18.47	18.40	20.00
20MHz	QPSK	1	0	18.31	18.40	18.34	20.00
		1	38	18.34	18.47	18.40	20.00
		1	74	18.32	18.46	18.37	20.00
		36	0	18.31	18.49	18.28	20.00
		36	18	18.31	18.45	18.34	20.00
	16QAM	36	39	18.29	18.51	18.28	20.00
		75	0	18.33	18.46	18.30	20.00
		1	0	18.31	18.40	18.34	20.00
		1	38	18.34	18.47	18.40	20.00
		1	74	18.32	18.46	18.37	20.00
	64QAM	36	0	18.31	18.49	18.28	20.00
		36	18	18.31	18.45	18.34	20.00
		36	39	18.29	18.51	18.28	20.00
		75	0	18.33	18.46	18.30	20.00
		1	0	18.31	18.40	18.34	20.00
Bandwidth	Modulation	1	38	18.34	18.47	18.40	20.00
		1	74	18.32	18.46	18.37	20.00
		36	0	18.31	18.49	18.28	20.00
		36	18	18.31	18.45	18.34	20.00
		36	39	18.29	18.51	18.28	20.00
	16QAM	75	0	18.33	18.46	18.30	20.00
		1	0	18.31	18.40	18.34	20.00
		1	38	18.34	18.47	18.40	20.00
		1	74	18.32	18.46	18.37	20.00
		36	0	18.31	18.49	18.28	20.00
	64QAM	36	18	18.31	18.45	18.34	20.00
		36	39	18.29	18.51	18.28	20.00
		75	0	18.33	18.46	18.30	20.00
		1	0	18.31	18.40	18.34	20.00
		1	38	18.34	18.47	18.40	20.00
20MHz	QPSK	1	0	18.31	18.40	18.34	20.00
		1	38	18.34	18.47	18.40	20.00
		1	74	18.32	18.46	18.37	20.00
		36	0	18.31	18.49	18.28	20.00
		36	18	18.31	18.45	18.34	20.00
	16QAM	36	39	18.29	18.51	18.28	20.00
		75	0	18.33	18.46	18.30	20.00
		1	0	18.31	18.40	18.34	20.00
		1	38	18.34	18.47	18.40	20.00
		1	74	18.32	18.46	18.37	20.00
	64QAM	36	0	18.31	18.49	18.28	20.00
		36	18	18.31	18.45	18.34	20.00
		36	39	18.29	18.51	18.28	20.00
		75	0	18.33	18.46	18.30	20.00
		1	0	18.31	18.40	18.34	20.00

LTE Band 41 2496 - 2690 state5&10&15				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	23.56	23.53	23.67	23.58	23.53	25.00
		1	13	23.58	23.58	23.58	23.56	23.59	25.00
		1	24	23.58	23.55	23.56	23.55	23.57	25.00
		12	0	22.45	22.38	22.61	22.45	22.43	24.00
		12	6	22.5	22.4	22.56	22.51	22.4	24.00
		12	13	22.48	22.44	22.55	22.45	22.44	24.00
	16QAM	25	0	22.38	22.41	22.52	22.41	22.44	24.00
		1	0	22.43	22.41	22.52	22.42	22.38	24.00
		1	13	22.41	22.43	22.53	22.41	22.4	24.00
		1	24	22.47	22.42	22.45	22.49	22.41	24.00
		12	0	21.43	21.34	21.6	21.4	21.4	23.00
		12	6	21.49	21.41	21.57	21.48	21.4	23.00
	64QAM	12	13	21.49	21.41	21.56	21.42	21.4	23.00
		25	0	21.36	21.37	21.53	21.38	21.43	23.00
		1	0	21.44	21.37	21.51	21.38	21.36	23.00
		1	13	21.42	21.41	21.54	21.36	21.42	23.00
		1	24	21.47	21.42	21.45	21.51	21.37	23.00
		12	0	20.43	20.30	20.55	20.37	20.42	22.00
		12	6	20.51	20.40	20.57	20.47	20.42	22.00
		12	13	20.43	20.30	20.55	20.37	20.42	22.00
		25	0	20.51	20.40	20.57	20.47	20.42	22.00
10MHz	QPSK	1	0	23.48	23.4	23.52	23.5	23.43	25.00
		1	25	23.43	23.44	23.45	23.43	23.46	25.00
		1	49	23.46	23.44	23.48	23.47	23.43	25.00
		25	0	22.37	22.29	22.48	22.36	22.31	24.00
		25	13	22.39	22.31	22.45	22.39	22.28	24.00
		25	25	22.35	22.34	22.42	22.35	22.29	24.00
	16QAM	50	0	22.25	22.3	22.38	22.29	22.35	24.00
		1	0	22.29	22.31	22.44	22.28	22.26	24.00
		1	25	22.29	22.28	22.39	22.32	22.32	24.00
		1	49	22.35	22.29	22.37	22.39	22.33	24.00
		25	0	21.3	21.21	21.5	21.29	21.26	23.00
		25	13	21.41	21.26	21.47	21.34	21.28	23.00
	64QAM	25	25	21.37	21.3	21.47	21.34	21.32	23.00
		50	0	21.28	21.28	21.41	21.3	21.31	23.00
		1	0	21.32	21.29	21.43	21.24	21.22	23.00
		1	25	21.30	21.29	21.45	21.25	21.30	23.00
		1	49	21.38	21.31	21.35	21.43	21.22	23.00
		25	0	20.32	20.22	20.47	20.29	20.30	22.00
		25	13	20.39	20.32	20.49	20.33	20.29	22.00
		25	25	20.32	20.17	20.47	20.28	20.29	22.00
		50	0	20.43	20.31	20.43	20.37	20.34	22.00
15MHz	QPSK	1	0	23.46	23.43	23.55	23.44	23.43	25.00
		1	38	23.48	23.47	23.48	23.45	23.5	25.00
		1	74	23.46	23.43	23.46	23.45	23.47	25.00
		36	0	22.34	22.28	22.47	22.36	22.29	24.00
		36	18	22.37	22.25	22.43	22.41	22.26	24.00
		36	39	22.39	22.32	22.43	22.32	22.29	24.00
	16QAM	75	0	22.3	22.27	22.43	22.31	22.31	24.00
		1	0	22.3	22.28	22.41	22.31	22.28	24.00
		1	38	22.31	22.29	22.45	22.29	22.27	24.00
		1	74	22.38	22.28	22.33	22.4	22.3	24.00
		36	0	21.35	21.22	21.51	21.27	21.29	23.00
		36	18	21.39	21.28	21.49	21.39	21.29	23.00
	64QAM	36	39	21.39	21.29	21.46	21.32	21.27	23.00
		75	0	21.25	21.25	21.45	21.25	21.33	23.00
		1	0	21.35	21.28	21.37	21.29	21.22	23.00
		1	38	21.34	21.27	21.45	21.25	21.31	23.00
		1	74	21.34	21.29	21.31	21.40	21.24	23.00
		36	0	20.31	20.19	20.46	20.25	20.31	22.00
		36	18	20.39	20.25	20.46	20.38	20.30	22.00
		36	39	20.33	20.18	20.41	20.23	20.29	22.00

		75	0	20.41	20.28	20.45	20.39	20.31	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.46	23.41	23.59	23.46	23.38	25.00
		1	50	23.44	23.48	23.46	23.45	23.46	25.00
		1	99	23.48	23.42	23.41	23.42	23.44	25.00
		50	0	22.31	22.24	22.49	22.34	22.31	24.00
		50	25	22.38	22.26	22.41	22.38	22.31	24.00
		50	50	22.34	22.32	22.4	22.36	22.36	24.00
		100	0	22.29	22.31	22.39	22.27	22.33	24.00
	16QAM	1	0	22.32	22.32	22.43	22.29	22.26	24.00
		1	50	22.33	22.33	22.4	22.28	22.27	24.00
		1	99	22.38	22.28	22.33	22.37	22.32	24.00
		50	0	21.3	21.24	21.48	21.26	21.28	23.00
		50	25	21.39	21.29	21.47	21.35	21.32	23.00
		50	50	21.38	21.32	21.47	21.28	21.3	23.00
		100	0	21.23	21.28	21.43	21.26	21.32	23.00
	64QAM	1	0	21.29	21.23	21.42	21.24	21.23	23.00
		1	50	21.31	21.26	21.46	21.25	21.32	23.00
		1	99	21.36	21.32	21.35	21.40	21.26	23.00
		50	0	20.33	20.22	20.42	20.26	20.31	22.00
		50	25	20.38	20.29	20.44	20.37	20.34	22.00
		50	50	20.30	20.17	20.45	20.23	20.29	22.00
		100	0	20.43	20.31	20.44	20.36	20.28	22.00

LTE Band 41 2496 - 2690 state3&8				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	20.06	20.03	20.17	20.08	20.03	21.50
		1	13	20.08	20.08	20.08	20.06	20.09	21.50
		1	24	20.08	20.05	20.06	20.05	20.07	21.50
		12	0	19.95	19.88	20.11	19.95	19.93	21.50
		12	6	20	19.9	20.06	20.01	19.9	21.50
		12	13	19.98	19.94	20.05	19.95	19.94	21.50
		25	0	19.88	19.91	20.02	19.91	19.94	21.50
	16QAM	1	0	19.93	19.91	20.02	19.92	19.88	21.50
		1	13	19.91	19.93	20.03	19.91	19.9	21.50
		1	24	19.97	19.92	19.95	19.99	19.91	21.50
		12	0	19.93	19.84	20.1	19.9	19.9	21.50
		12	6	19.99	19.91	20.07	19.98	19.9	21.50
		12	13	19.99	19.91	20.06	19.92	19.9	21.50
		25	0	19.86	19.87	20.03	19.88	19.93	21.50
	64QAM	1	0	19.94	19.87	20.01	19.88	19.86	21.50
		1	13	19.92	19.91	20.04	19.86	19.92	21.50
		1	24	19.97	19.92	19.95	20.01	19.87	21.50
		12	0	19.93	19.80	20.05	19.87	19.92	21.50
		12	6	20.01	19.90	20.07	19.97	19.92	21.50
		12	13	19.93	19.80	20.05	19.87	19.92	21.50
		25	0	20.01	19.90	20.07	19.97	19.92	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	19.98	19.9	20.02	20	19.93	21.50
		1	25	19.93	19.94	19.95	19.93	19.96	21.50
		1	49	19.96	19.94	19.98	19.97	19.93	21.50
		25	0	19.87	19.79	19.98	19.86	19.81	21.50
		25	13	19.89	19.81	19.95	19.89	19.78	21.50
		25	25	19.85	19.84	19.92	19.85	19.79	21.50
		50	0	19.75	19.8	19.88	19.79	19.85	21.50
	16QAM	1	0	19.79	19.81	19.94	19.78	19.76	21.50
		1	25	19.79	19.78	19.89	19.82	19.82	21.50
		1	49	19.85	19.79	19.87	19.89	19.83	21.50
		25	0	19.8	19.71	20	19.79	19.76	21.50
		25	13	19.91	19.76	19.97	19.84	19.78	21.50
		25	25	19.87	19.8	19.97	19.84	19.82	21.50
		50	0	19.78	19.78	19.91	19.8	19.81	21.50
	64QAM	1	0	19.82	19.79	19.93	19.74	19.72	21.50
		1	25	19.80	19.79	19.95	19.75	19.80	21.50
		1	49	19.88	19.81	19.85	19.93	19.72	21.50

		25	0	19.82	19.72	19.97	19.79	19.80	21.50
		25	13	19.89	19.82	19.99	19.83	19.79	21.50
		25	25	19.82	19.67	19.97	19.78	19.79	21.50
		50	0	19.93	19.81	19.93	19.87	19.84	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 39725	Channel 40173	Channel 40620	Channel 41068	Channel 41515	Tune up
15MHz	QPSK	1	0	19.96	19.93	20.05	19.94	19.93	21.50
		1	38	19.98	19.97	19.98	19.95	20	21.50
		1	74	19.96	19.93	19.96	19.95	19.97	21.50
		36	0	19.84	19.78	19.97	19.86	19.79	21.50
		36	18	19.87	19.75	19.93	19.91	19.76	21.50
		36	39	19.89	19.82	19.93	19.82	19.79	21.50
	16QAM	75	0	19.8	19.77	19.93	19.81	19.81	21.50
		1	0	19.8	19.78	19.91	19.81	19.78	21.50
		1	38	19.81	19.79	19.95	19.79	19.77	21.50
		1	74	19.88	19.78	19.83	19.9	19.8	21.50
		36	0	19.85	19.72	20.01	19.77	19.79	21.50
		36	18	19.89	19.78	19.99	19.89	19.79	21.50
	64QAM	36	39	19.89	19.79	19.96	19.82	19.77	21.50
		75	0	19.75	19.75	19.95	19.75	19.83	21.50
		1	0	19.85	19.78	19.87	19.79	19.72	21.50
		1	38	19.84	19.77	19.95	19.75	19.81	21.50
		1	74	19.84	19.79	19.81	19.90	19.74	21.50
		36	0	19.81	19.69	19.96	19.75	19.81	21.50
20MHz	QPSK	36	18	19.89	19.75	19.96	19.88	19.80	21.50
		36	39	19.83	19.68	19.91	19.73	19.79	21.50
		75	0	19.91	19.78	19.95	19.89	19.81	21.50
	16QAM	1	0	20.06	20.11	20.19	20.16	20.08	21.50
		1	50	19.94	19.98	19.96	19.95	19.96	21.50
		1	99	19.98	19.92	19.91	19.92	19.94	21.50
		50	0	19.91	19.84	19.99	19.94	19.91	21.50
		50	25	19.88	19.76	19.91	19.88	19.81	21.50
		50	50	19.84	19.82	19.9	19.86	19.86	21.50
	64QAM	100	0	19.79	19.81	19.89	19.77	19.83	21.50
		1	0	19.82	19.82	19.93	19.79	19.76	21.50
		1	50	19.83	19.83	19.9	19.78	19.77	21.50
		1	99	19.88	19.78	19.83	19.87	19.82	21.50
		50	0	19.8	19.74	19.98	19.76	19.78	21.50
		50	25	19.89	19.79	19.97	19.85	19.82	21.50
5MHz	QPSK	50	50	19.88	19.82	19.97	19.78	19.8	21.50
		100	0	19.73	19.78	19.93	19.76	19.82	21.50
		1	0	19.79	19.73	19.92	19.74	19.73	21.50
		1	50	19.81	19.76	19.96	19.75	19.82	21.50
		1	99	19.86	19.82	19.85	19.90	19.76	21.50
		50	0	19.83	19.72	19.92	19.76	19.81	21.50
	16QAM	50	25	19.88	19.79	19.94	19.87	19.84	21.50
		50	50	19.80	19.67	19.95	19.73	19.79	21.50
		100	0	19.93	19.81	19.94	19.86	19.78	21.50

LTE Band 41 2496 - 2690 state13				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	18.56	18.53	18.67	18.58	18.53	20.00
		1	13	18.58	18.58	18.58	18.56	18.59	20.00
		1	24	18.58	18.55	18.56	18.55	18.57	20.00
		12	0	18.45	18.38	18.61	18.45	18.43	20.00
		12	6	18.5	18.4	18.56	18.51	18.4	20.00
		12	13	18.48	18.44	18.55	18.45	18.44	20.00
	16QAM	25	0	18.38	18.41	18.52	18.41	18.44	20.00
		1	0	18.43	18.41	18.52	18.42	18.38	20.00
		1	13	18.41	18.43	18.53	18.41	18.4	20.00
		1	24	18.47	18.42	18.45	18.49	18.41	20.00
		12	0	18.43	18.34	18.6	18.4	18.4	20.00
		12	6	18.49	18.41	18.57	18.48	18.4	20.00
		12	13	18.49	18.41	18.56	18.42	18.4	20.00
		25	0	18.36	18.37	18.53	18.38	18.43	20.00

	64QAM	1	0	18.44	18.37	18.51	18.38	18.36	20.00
		1	13	18.42	18.41	18.54	18.36	18.42	20.00
		1	24	18.47	18.42	18.45	18.51	18.37	20.00
		12	0	18.43	18.30	18.55	18.37	18.42	20.00
		12	6	18.51	18.40	18.57	18.47	18.42	20.00
		12	13	18.43	18.30	18.55	18.37	18.42	20.00
		25	0	18.51	18.40	18.57	18.47	18.42	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	18.48	18.4	18.52	18.5	18.43	20.00
		1	25	18.43	18.44	18.45	18.43	18.46	20.00
		1	49	18.46	18.44	18.48	18.47	18.43	20.00
		25	0	18.37	18.29	18.48	18.36	18.31	20.00
		25	13	18.39	18.31	18.45	18.39	18.28	20.00
		25	25	18.35	18.34	18.42	18.35	18.29	20.00
	16QAM	50	0	18.25	18.3	18.38	18.29	18.35	20.00
		1	0	18.29	18.31	18.44	18.28	18.26	20.00
		1	25	18.29	18.28	18.39	18.32	18.32	20.00
		1	49	18.35	18.29	18.37	18.39	18.33	20.00
		25	0	18.3	18.21	18.5	18.29	18.26	20.00
		25	13	18.41	18.26	18.47	18.34	18.28	20.00
	64QAM	25	25	18.37	18.3	18.47	18.34	18.32	20.00
		50	0	18.28	18.28	18.41	18.3	18.31	20.00
		1	0	18.32	18.29	18.43	18.24	18.22	20.00
		1	25	18.30	18.29	18.45	18.25	18.30	20.00
		1	49	18.38	18.31	18.35	18.43	18.22	20.00
		25	0	18.32	18.22	18.47	18.29	18.30	20.00
15MHz	QPSK	25	13	18.39	18.32	18.49	18.33	18.29	20.00
		25	25	18.32	18.17	18.47	18.28	18.29	20.00
		50	0	18.43	18.31	18.43	18.37	18.34	20.00
	16QAM	1	0	18.46	18.43	18.55	18.44	18.43	20.00
		1	38	18.48	18.47	18.48	18.45	18.5	20.00
		1	74	18.46	18.43	18.46	18.45	18.47	20.00
		36	0	18.34	18.28	18.47	18.36	18.29	20.00
		36	18	18.37	18.25	18.43	18.41	18.26	20.00
		36	39	18.39	18.32	18.43	18.32	18.29	20.00
	64QAM	75	0	18.3	18.27	18.43	18.31	18.31	20.00
		1	0	18.3	18.28	18.41	18.31	18.28	20.00
		1	38	18.31	18.29	18.45	18.29	18.27	20.00
		1	74	18.38	18.28	18.33	18.4	18.3	20.00
		36	0	18.35	18.22	18.51	18.27	18.29	20.00
		36	18	18.39	18.28	18.49	18.39	18.29	20.00
20MHz	QPSK	36	39	18.39	18.29	18.46	18.32	18.27	20.00
		75	0	18.25	18.25	18.45	18.25	18.33	20.00
	16QAM	1	0	18.35	18.28	18.37	18.29	18.22	20.00
		1	38	18.34	18.27	18.45	18.25	18.31	20.00
		1	74	18.34	18.29	18.31	18.40	18.24	20.00
		36	0	18.31	18.19	18.46	18.25	18.31	20.00
	64QAM	36	18	18.39	18.25	18.46	18.38	18.30	20.00
		36	39	18.33	18.18	18.41	18.23	18.29	20.00
		75	0	18.41	18.28	18.45	18.39	18.31	20.00
	16QAM	1	0	18.46	18.41	18.59	18.46	18.38	20.00
		1	50	18.44	18.48	18.46	18.45	18.46	20.00
		1	99	18.48	18.42	18.41	18.42	18.44	20.00
		50	0	18.31	18.24	18.49	18.34	18.31	20.00
		50	25	18.38	18.26	18.41	18.38	18.31	20.00
		50	50	18.34	18.32	18.4	18.36	18.36	20.00
10MHz	QPSK	100	0	18.29	18.31	18.39	18.27	18.33	20.00
		1	0	18.32	18.32	18.43	18.29	18.26	20.00
		1	50	18.33	18.33	18.4	18.28	18.27	20.00
		1	99	18.38	18.28	18.33	18.37	18.32	20.00
		50	0	18.3	18.24	18.48	18.26	18.28	20.00
		50	25	18.39	18.29	18.47	18.35	18.32	20.00
	16QAM	50	50	18.38	18.32	18.47	18.28	18.3	20.00
		100	0	18.23	18.28	18.43	18.26	18.32	20.00
		1	0	18.29	18.23	18.42	18.24	18.23	20.00
	64QAM	1	0	18.29	18.23	18.42	18.24	18.23	20.00
		1	0	18.29	18.23	18.42	18.24	18.23	20.00
		1	0	18.29	18.23	18.42	18.24	18.23	20.00
		1	0	18.29	18.23	18.42	18.24	18.23	20.00
		1	0	18.29	18.23	18.42	18.24	18.23	20.00
		1	0	18.29	18.23	18.42	18.24	18.23	20.00



		1	50	18.31	18.26	18.46	18.25	18.32	20.00
		1	99	18.36	18.32	18.35	18.40	18.26	20.00
		50	0	18.33	18.22	18.42	18.26	18.31	20.00
		50	25	18.38	18.29	18.44	18.37	18.34	20.00
		50	50	18.30	18.17	18.45	18.23	18.29	20.00
		100	0	18.43	18.31	18.44	18.36	18.28	20.00

1.4 Conducted Power of Legacy (Ant3)

LTE Band 42 state3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41615	42590	43565	
5MHz	QPSK	1	0	19.81	19.94	19.83	20.30
		1	13	19.86	19.83	19.85	20.30
		1	24	19.86	19.82	19.86	20.30
		12	0	19.86	19.81	19.81	20.30
		12	6	19.81	19.81	19.86	20.30
		12	13	19.85	19.82	19.86	20.30
	16QAM	25	0	19.82	19.80	19.80	20.30
		1	0	19.81	19.79	19.85	20.30
		1	13	19.83	19.83	19.82	20.30
		1	24	19.84	19.83	19.86	20.30
		12	0	19.81	19.80	19.85	20.30
		12	6	19.80	19.85	19.85	20.30
	64QAM	12	13	19.82	19.86	19.79	20.30
		25	0	19.85	19.83	19.84	20.30
		1	0	19.83	19.86	19.84	20.30
		1	13	19.84	19.80	19.80	20.30
		1	24	19.84	19.80	19.85	20.30
		12	0	19.82	19.82	19.82	20.30
	256QAM	12	6	19.81	19.84	19.82	20.30
		12	13	19.85	19.81	19.83	20.30
		25	0	19.81	19.81	19.80	20.30
		1	0	18.82	18.94	18.82	19.30
		1	13	18.79	18.92	18.83	19.30
		1	24	18.78	18.91	18.79	19.30
10MHz	QPSK	12	0	18.81	18.92	18.82	19.30
		12	6	18.83	18.93	18.85	19.30
		12	13	18.80	18.95	18.80	19.30
		25	0	18.78	18.91	18.80	19.30
	16QAM	1	0	19.72	19.71	19.72	20.30
		1	25	19.70	19.72	19.69	20.30
		1	49	19.71	19.68	19.77	20.30
		25	0	19.73	19.66	19.77	20.30
		25	13	19.69	19.72	19.74	20.30
		25	25	19.74	19.74	19.69	20.30
	64QAM	50	0	19.76	19.73	19.69	20.30
		1	0	19.70	19.76	19.70	20.30
		1	25	19.69	19.68	19.70	20.30
		1	49	19.74	19.69	19.76	20.30
		25	0	19.71	19.69	19.72	20.30
		25	13	19.70	19.76	19.73	20.30
	256QAM	25	25	19.70	19.69	19.73	20.30
		50	0	19.72	19.69	19.68	20.30
		1	0	18.68	18.84	18.72	19.30
		1	25	18.66	18.81	18.71	19.30
		1	49	18.66	18.77	18.70	19.30
		25	0	18.73	18.78	18.67	19.30
15MHz	QPSK	25	13	18.71	18.83	18.71	19.30
		25	25	18.66	18.84	18.71	19.30
		50	0	18.65	18.81	18.68	19.30
		1	0	19.69	19.86	19.70	20.30
		1	38	19.71	19.75	19.74	20.30
		1	74	19.72	19.70	19.74	20.30

		36	0	19.73	19.71	19.68	20.30
		36	18	19.69	19.69	19.72	20.30
		36	39	19.77	19.73	19.72	20.30
		75	0	19.68	19.71	19.69	20.30
	16QAM	1	0	19.73	19.65	19.70	20.30
		1	38	19.74	19.72	19.74	20.30
		1	74	19.72	19.74	19.77	20.30
		36	0	19.72	19.66	19.73	20.30
		36	18	19.70	19.73	19.75	20.30
		36	39	19.72	19.72	19.65	20.30
		75	0	19.76	19.75	19.72	20.30
		1	0	19.70	19.73	19.74	20.30
	64QAM	1	38	19.73	19.68	19.70	20.30
		1	74	19.76	19.70	19.77	20.30
		36	0	19.67	19.70	19.68	20.30
		36	18	19.73	19.74	19.69	20.30
		36	39	19.76	19.68	19.72	20.30
		75	0	19.68	19.72	19.72	20.30
	256QAM	1	0	18.70	18.86	18.72	19.30
		1	38	18.65	18.84	18.68	19.30
		1	74	18.64	18.79	18.68	19.30
		36	0	18.70	18.83	18.73	19.30
		36	18	18.75	18.78	18.73	19.30
		36	39	18.70	18.85	18.65	19.30
		75	0	18.66	18.83	18.72	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41690	42590	43490	
20MHz	QPSK	1	0	19.66	19.79	19.73	20.30
		1	50	19.74	19.70	19.76	20.30
		1	99	19.73	19.69	19.77	20.30
		50	0	19.77	19.73	19.72	20.30
		50	25	19.68	19.71	19.76	20.30
		50	50	19.76	19.71	19.74	20.30
		100	0	19.73	19.68	19.72	20.30
	16QAM	1	0	19.70	19.67	19.76	20.30
		1	50	19.75	19.70	19.70	20.30
		1	99	19.70	19.72	19.72	20.30
		50	0	19.73	19.65	19.72	20.30
		50	25	19.65	19.76	19.77	20.30
		50	50	19.71	19.76	19.69	20.30
		100	0	19.71	19.74	19.72	20.30
	64QAM	1	0	19.71	19.76	19.70	20.30
		1	50	19.74	19.67	19.69	20.30
		1	99	19.73	19.68	19.76	20.30
		50	0	19.74	19.69	19.68	20.30
		50	25	19.71	19.70	19.69	20.30
		50	50	19.72	19.70	19.75	20.30
		100	0	19.73	19.72	19.71	20.30
	256QAM	1	0	18.70	18.79	18.68	19.30
		1	50	18.68	18.79	18.75	19.30
		1	99	18.69	18.81	18.66	19.30
		50	0	18.70	18.84	18.69	19.30
		50	25	18.73	18.80	18.73	19.30
		50	50	18.65	18.81	18.69	19.30
		100	0	18.66	18.77	18.70	19.30

LTE Band 42 state5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41615	42590	43565	
5MHz	QPSK	1	0	18.80	18.92	18.80	19.30
		1	13	18.84	18.81	18.78	19.30
		1	24	18.82	18.82	18.82	19.30
		12	0	18.83	18.84	18.79	19.30
		12	6	18.84	18.78	18.83	19.30
		12	13	18.79	18.79	18.79	19.30
		25	0	18.77	18.79	18.79	19.30
	16QAM	1	0	18.82	18.81	18.81	19.30
		1	13	18.80	18.83	18.81	19.30

		1	24	18.83	18.77	18.81	19.30
		12	0	18.80	18.84	18.79	19.30
		12	6	18.82	18.79	18.83	19.30
		12	13	18.83	18.77	18.78	19.30
		25	0	18.78	18.84	18.82	19.30
	64QAM	1	0	18.83	18.79	18.80	19.30
		1	13	18.78	18.78	18.81	19.30
		1	24	18.83	18.80	18.80	19.30
		12	0	18.81	18.82	18.78	19.30
		12	6	18.83	18.81	18.78	19.30
	256QAM	12	13	18.81	18.83	18.79	19.30
		25	0	18.78	18.78	18.79	19.30
		1	0	18.83	18.80	18.79	19.30
		1	13	18.82	18.78	18.82	19.30
		1	24	18.78	18.79	18.84	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41640	42590	43540	
10MHz	QPSK	1	0	18.70	18.83	18.69	19.30
		1	25	18.75	18.72	18.69	19.30
		1	49	18.67	18.72	18.72	19.30
		25	0	18.75	18.72	18.66	19.30
		25	13	18.74	18.68	18.73	19.30
		25	25	18.70	18.71	18.71	19.30
	16QAM	50	0	18.62	18.68	18.69	19.30
		1	0	18.68	18.69	18.66	19.30
		1	25	18.66	18.75	18.71	19.30
		1	49	18.75	18.66	18.72	19.30
		25	0	18.71	18.71	18.71	19.30
		25	13	18.70	18.65	18.72	19.30
	64QAM	25	25	18.70	18.69	18.66	19.30
		50	0	18.70	18.74	18.68	19.30
		1	0	18.69	18.67	18.67	19.30
		1	25	18.69	18.64	18.71	19.30
		1	49	18.74	18.69	18.66	19.30
		25	0	18.71	18.74	18.67	19.30
	256QAM	25	13	18.70	18.69	18.64	19.30
		25	25	18.72	18.69	18.67	19.30
		50	0	18.68	18.69	18.65	19.30
		1	0	18.69	18.71	18.71	19.30
		1	25	18.73	18.64	18.68	19.30
		1	49	18.64	18.69	18.73	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41665	42590	43515	
15MHz	QPSK	1	0	18.70	18.82	18.70	19.30
		1	38	18.72	18.71	18.64	19.30
		1	74	18.69	18.71	18.68	19.30
		36	0	18.68	18.75	18.68	19.30
		36	18	18.73	18.70	18.73	19.30
		36	39	18.68	18.70	18.67	19.30
	16QAM	75	0	18.68	18.69	18.69	19.30
		1	0	18.70	18.72	18.69	19.30
		1	38	18.72	18.73	18.70	19.30
		1	74	18.72	18.67	18.68	19.30
		36	0	18.67	18.70	18.68	19.30
		36	18	18.72	18.68	18.71	19.30
	64QAM	36	39	18.72	18.64	18.66	19.30
		75	0	18.65	18.76	18.68	19.30
		1	0	18.74	18.69	18.65	19.30
		1	38	18.64	18.67	18.66	19.30
		1	74	18.70	18.66	18.70	19.30
		36	0	18.67	18.73	18.66	19.30
		36	18	18.74	18.69	18.69	19.30

	256QAM	36	39	18.70	18.72	18.69	19.30
		75	0	18.66	18.65	18.69	19.30
		1	0	18.68	18.72	18.67	19.30
		1	38	18.74	18.68	18.72	19.30
		1	74	18.66	18.67	18.70	19.30
		36	0	18.65	18.67	18.72	19.30
		36	18	18.66	18.70	18.70	19.30
		36	39	18.73	18.68	18.72	19.30
		75	0	18.70	18.74	18.65	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 41690	Channel 42590	Channel 43490	Tune up
20MHz	QPSK	1	0	18.69	18.80	18.69	19.30
		1	50	18.76	18.73	18.66	19.30
		1	99	18.68	18.68	18.74	19.30
		50	0	18.72	18.73	18.66	19.30
		50	25	18.73	18.64	18.69	19.30
		50	50	18.64	18.69	18.71	19.30
		100	0	18.68	18.67	18.65	19.30
	16QAM	1	0	18.69	18.73	18.69	19.30
		1	50	18.69	18.72	18.72	19.30
		1	99	18.71	18.62	18.69	19.30
		50	0	18.72	18.73	18.66	19.30
		50	25	18.68	18.70	18.75	19.30
		50	50	18.69	18.63	18.64	19.30
		100	0	18.69	18.73	18.70	19.30
	64QAM	1	0	18.75	18.67	18.66	19.30
		1	50	18.69	18.70	18.68	19.30
		1	99	18.73	18.69	18.70	19.30
		50	0	18.71	18.74	18.65	19.30
		50	25	18.70	18.69	18.68	19.30
		50	50	18.70	18.69	18.71	19.30
		100	0	18.65	18.66	18.70	19.30
	256QAM	1	0	18.73	18.70	18.66	19.30
		1	50	18.74	18.68	18.71	19.30
		1	99	18.63	18.69	18.74	19.30
		50	0	18.69	18.71	18.73	19.30
		50	25	18.72	18.67	18.73	19.30
		50	50	18.72	18.68	18.71	19.30
		100	0	18.72	18.68	18.66	19.30

LTE Band 42 state8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 41615	Channel 42590	Channel 43565	Tune up
5MHz	QPSK	1	0	19.15	19.30	19.16	19.80
		1	13	19.20	19.19	19.21	19.80
		1	24	19.18	19.20	19.17	19.80
		12	0	19.20	19.19	19.21	19.80
		12	6	19.21	19.19	19.17	19.80
		12	13	19.22	19.21	19.20	19.80
		25	0	19.21	19.22	19.19	19.80
	16QAM	1	0	19.22	19.15	19.17	19.80
		1	13	19.21	19.22	19.19	19.80
		1	24	19.21	19.19	19.19	19.80
		12	0	19.18	19.16	19.16	19.80
		12	6	19.21	19.20	19.21	19.80
		12	13	19.20	19.19	19.19	19.80
		25	0	19.19	19.19	19.19	19.80
	64QAM	1	0	19.17	19.16	19.19	19.80
		1	13	19.19	19.17	19.21	19.80
		1	24	19.15	19.17	19.19	19.80
		12	0	19.19	19.20	19.16	19.80
		12	6	19.20	19.17	19.18	19.80
		12	13	19.20	19.19	19.21	19.80
		25	0	19.19	19.17	19.16	19.80
	256QAM	1	0	18.82	18.92	18.84	19.30
		1	13	18.77	18.90	18.78	19.30
		1	24	18.79	18.87	18.78	19.30
		12	0	18.77	18.91	18.81	19.30

		12	6	18.81	18.89	18.84	19.30
		12	13	18.75	18.92	18.80	19.30
		25	0	18.75	18.89	18.80	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41640	42590	43540	
10MHz	QPSK	1	0	19.05	19.21	19.06	19.80
		1	25	19.08	19.04	19.13	19.80
		1	49	19.04	19.07	19.02	19.80
		25	0	19.09	19.05	19.11	19.80
		25	13	19.12	19.08	19.07	19.80
		25	25	19.10	19.13	19.12	19.80
		50	0	19.13	19.11	19.08	19.80
	16QAM	1	0	19.14	19.02	19.04	19.80
		1	25	19.08	19.14	19.06	19.80
		1	49	19.10	19.06	19.05	19.80
		25	0	19.04	19.08	19.03	19.80
		25	13	19.10	19.10	19.07	19.80
		25	25	19.12	19.09	19.05	19.80
	64QAM	50	0	19.07	19.05	19.10	19.80
		1	0	19.03	19.04	19.06	19.80
		1	25	19.06	19.04	19.09	19.80
		1	49	19.04	19.09	19.10	19.80
		25	0	19.05	19.07	19.03	19.80
		25	13	19.08	19.02	19.08	19.80
	256QAM	25	25	19.05	19.09	19.13	19.80
		50	0	19.10	19.06	19.07	19.80
		1	0	18.74	18.77	18.73	19.30
		1	25	18.66	18.80	18.66	19.30
		1	49	18.66	18.78	18.68	19.30
		25	0	18.69	18.81	18.72	19.30
		25	13	18.67	18.81	18.69	19.30
		25	25	18.64	18.78	18.70	19.30
		50	0	18.60	18.81	18.72	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41665	42590	43515	
15MHz	QPSK	1	0	19.04	19.22	19.04	19.80
		1	38	19.09	19.06	19.10	19.80
		1	74	19.09	19.08	19.04	19.80
		36	0	19.10	19.05	19.09	19.80
		36	18	19.09	19.11	19.06	19.80
		36	39	19.14	19.08	19.06	19.80
		75	0	19.12	19.07	19.09	19.80
	16QAM	1	0	19.08	19.01	19.02	19.80
		1	38	19.12	19.14	19.09	19.80
		1	74	19.12	19.06	19.05	19.80
		36	0	19.10	19.06	19.08	19.80
		36	18	19.09	19.06	19.12	19.80
		36	39	19.10	19.05	19.07	19.80
		75	0	19.07	19.10	19.10	19.80
	64QAM	1	0	19.03	19.03	19.10	19.80
		1	38	19.11	19.04	19.06	19.80
		1	74	19.06	19.08	19.08	19.80
		36	0	19.08	19.09	19.03	19.80
		36	18	19.08	19.09	19.08	19.80
		36	39	19.11	19.09	19.09	19.80
		75	0	19.10	19.04	19.03	19.80
	256QAM	1	0	18.73	18.83	18.73	19.30
		1	38	18.63	18.75	18.64	19.30
		1	74	18.65	18.79	18.64	19.30
		36	0	18.65	18.79	18.73	19.30
		36	18	18.72	18.78	18.71	19.30
		36	39	18.67	18.77	18.72	19.30
		75	0	18.61	18.79	18.66	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41690	42590	43490	
20MHz	QPSK	1	0	19.07	19.21	19.04	19.80
		1	50	19.10	19.05	19.13	19.80
		1	99	19.09	19.12	19.09	19.80
		50	0	19.10	19.05	19.07	19.80
		50	25	19.07	19.08	19.05	19.80

		50	50	19.08	19.11	19.08	19.80
		100	0	19.11	19.09	19.08	19.80
	16QAM	1	0	19.13	19.03	19.06	19.80
		1	50	19.11	19.13	19.05	19.80
		1	99	19.13	19.10	19.08	19.80
		50	0	19.05	19.03	19.06	19.80
		50	25	19.07	19.09	19.11	19.80
		50	50	19.08	19.06	19.09	19.80
		100	0	19.08	19.05	19.09	19.80
	64QAM	1	0	19.02	19.04	19.06	19.80
		1	50	19.11	19.05	19.13	19.80
		1	99	19.06	19.06	19.06	19.80
		50	0	19.09	19.06	19.02	19.80
		50	25	19.08	19.05	19.04	19.80
		50	50	19.06	19.05	19.09	19.80
		100	0	19.09	19.05	19.05	19.80
	256QAM	1	0	18.72	18.84	18.72	19.30
		1	50	18.63	18.78	18.68	19.30
		1	99	18.68	18.74	18.70	19.30
		50	0	18.66	18.78	18.71	19.30
		50	25	18.69	18.80	18.72	19.30
		50	50	18.66	18.79	18.70	19.30
		100	0	18.66	18.75	18.65	19.30

LTE Band 42 state10 13 15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41615	42590	43565	
5MHz	QPSK	1	0	18.26	18.39	18.27	18.80
		1	13	18.31	18.27	18.25	18.80
		1	24	18.27	18.29	18.28	18.80
		12	0	18.29	18.29	18.28	18.80
		12	6	18.31	18.28	18.25	18.80
		12	13	18.30	18.31	18.28	18.80
		25	0	18.25	18.28	18.26	18.80
	16QAM	1	0	18.27	18.26	18.29	18.80
		1	13	18.26	18.31	18.29	18.80
		1	24	18.31	18.30	18.31	18.80
		12	0	18.30	18.29	18.26	18.80
		12	6	18.31	18.25	18.29	18.80
		12	13	18.31	18.26	18.26	18.80
		25	0	18.30	18.29	18.28	18.80
	64QAM	1	0	18.25	18.31	18.30	18.80
		1	13	18.26	18.30	18.26	18.80
		1	24	18.31	18.29	18.26	18.80
		12	0	18.29	18.28	18.28	18.80
		12	6	18.29	18.28	18.31	18.80
		12	13	18.26	18.27	18.24	18.80
		25	0	18.28	18.29	18.31	18.80
	256QAM	1	0	18.30	18.25	18.30	18.80
		1	13	18.25	18.26	18.26	18.80
		1	24	18.29	18.27	18.31	18.80
		12	0	18.26	18.26	18.28	18.80
		12	6	18.28	18.31	18.24	18.80
		12	13	18.30	18.29	18.30	18.80
		25	0	18.28	18.28	18.31	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41640	42590	43540	
10MHz	QPSK	1	0	18.15	18.24	18.18	18.80
		1	25	18.18	18.16	18.16	18.80
		1	49	18.14	18.15	18.18	18.80
		25	0	18.18	18.14	18.20	18.80
		25	13	18.20	18.16	18.12	18.80
		25	25	18.20	18.17	18.14	18.80
		50	0	18.17	18.18	18.13	18.80
	16QAM	1	0	18.18	18.12	18.21	18.80
		1	25	18.18	18.19	18.20	18.80
		1	49	18.18	18.16	18.16	18.80
		25	0	18.15	18.19	18.13	18.80

		25	13	18.19	18.13	18.17	18.80
		25	25	18.22	18.14	18.13	18.80
		50	0	18.21	18.18	18.15	18.80
	64QAM	1	0	18.12	18.19	18.21	18.80
		1	25	18.15	18.21	18.16	18.80
		1	49	18.19	18.18	18.15	18.80
		25	0	18.19	18.14	18.16	18.80
		25	13	18.14	18.14	18.21	18.80
		25	25	18.14	18.15	18.15	18.80
		50	0	18.13	18.21	18.18	18.80
	256QAM	1	0	18.18	18.12	18.19	18.80
		1	25	18.15	18.13	18.12	18.80
		1	49	18.19	18.17	18.23	18.80
		25	0	18.14	18.18	18.20	18.80
		25	13	18.20	18.19	18.10	18.80
		25	25	18.18	18.17	18.21	18.80
		50	0	18.15	18.20	18.23	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 41665	Channel 42590	Channel 43515	Tune up
15MHz	QPSK	1	0	18.12	18.25	18.13	18.80
		1	38	18.21	18.18	18.13	18.80
		1	74	18.13	18.18	18.15	18.80
		36	0	18.16	18.20	18.20	18.80
		36	18	18.20	18.17	18.16	18.80
		36	39	18.20	18.20	18.14	18.80
		75	0	18.15	18.15	18.18	18.80
	16QAM	1	0	18.17	18.17	18.18	18.80
		1	38	18.13	18.21	18.21	18.80
		1	74	18.22	18.19	18.16	18.80
		36	0	18.22	18.15	18.17	18.80
		36	18	18.18	18.11	18.18	18.80
		36	39	18.17	18.17	18.18	18.80
		75	0	18.18	18.17	18.18	18.80
	64QAM	1	0	18.10	18.19	18.19	18.80
		1	38	18.15	18.20	18.11	18.80
		1	74	18.19	18.18	18.14	18.80
		36	0	18.21	18.18	18.20	18.80
		36	18	18.18	18.14	18.21	18.80
		36	39	18.16	18.16	18.12	18.80
		75	0	18.14	18.15	18.18	18.80
	256QAM	1	0	18.15	18.12	18.20	18.80
		1	38	18.16	18.17	18.13	18.80
		1	74	18.19	18.15	18.20	18.80
		36	0	18.18	18.14	18.20	18.80
		36	18	18.16	18.23	18.10	18.80
		36	39	18.22	18.19	18.21	18.80
		75	0	18.15	18.19	18.20	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 41690	Channel 42590	Channel 43490	Tune up
20MHz	QPSK	1	0	18.18	18.31	18.14	18.80
		1	50	18.20	18.15	18.16	18.80
		1	99	18.16	18.21	18.18	18.80
		50	0	18.15	18.20	18.18	18.80
		50	25	18.22	18.15	18.10	18.80
		50	50	18.17	18.23	18.20	18.80
		100	0	18.16	18.19	18.17	18.80
	16QAM	1	0	18.13	18.12	18.20	18.80
		1	50	18.12	18.21	18.18	18.80
		1	99	18.18	18.20	18.20	18.80
		50	0	18.21	18.18	18.18	18.80
		50	25	18.22	18.12	18.15	18.80
		50	50	18.18	18.11	18.12	18.80
		100	0	18.19	18.20	18.15	18.80
	64QAM	1	0	18.13	18.21	18.16	18.80
		1	50	18.11	18.20	18.14	18.80
		1	99	18.18	18.18	18.17	18.80
		50	0	18.15	18.14	18.19	18.80
		50	25	18.15	18.14	18.18	18.80
		50	50	18.13	18.18	18.11	18.80
		100	0	18.14	18.18	18.19	18.80

	256QAM	1	0	18.16	18.11	18.19	18.80
		1	50	18.16	18.12	18.15	18.80
		1	99	18.18	18.18	18.18	18.80
		50	0	18.12	18.12	18.20	18.80
		50	25	18.19	18.23	18.14	18.80
		50	50	18.17	18.19	18.19	18.80
		100	0	18.18	18.16	18.22	18.80

LTE Band 48 state3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	17.54	17.71	17.64	18.30
		1	13	17.61	17.59	17.63	18.30
		1	24	17.60	17.55	17.63	18.30
		12	0	17.65	17.58	17.64	18.30
		12	6	17.53	17.58	17.64	18.30
		12	13	17.63	17.58	17.66	18.30
	16QAM	25	0	17.62	17.57	17.59	18.30
		1	0	17.59	17.55	17.66	18.30
		1	13	17.61	17.59	17.62	18.30
		1	24	17.57	17.58	17.62	18.30
		12	0	17.61	17.54	17.58	18.30
		12	6	17.53	17.68	17.65	18.30
	64QAM	12	13	17.59	17.67	17.61	18.30
		25	0	17.61	17.62	17.62	18.30
		1	0	17.59	17.63	17.58	18.30
		1	13	17.60	17.54	17.56	18.30
		1	24	17.59	17.59	17.67	18.30
		12	0	17.64	17.61	17.60	18.30
	10MHz	12	6	17.57	17.56	17.61	18.30
		12	13	17.59	17.56	17.61	18.30
		25	0	17.65	17.59	17.60	18.30
1		0	17.45	17.63	17.53	18.30	
1		25	17.52	17.46	17.51	18.30	
10MHz	QPSK	1	49	17.48	17.43	17.48	18.30
		25	0	17.54	17.46	17.53	18.30
		25	13	17.40	17.47	17.50	18.30
		25	25	17.51	17.49	17.51	18.30
		50	0	17.54	17.49	17.50	18.30
		1	0	17.48	17.40	17.57	18.30
	16QAM	1	25	17.53	17.47	17.54	18.30
		1	49	17.47	17.45	17.50	18.30
		25	0	17.49	17.46	17.47	18.30
		25	13	17.41	17.57	17.55	18.30
		25	25	17.45	17.59	17.48	18.30
		50	0	17.47	17.49	17.51	18.30
	64QAM	1	0	17.48	17.49	17.43	18.30
		1	25	17.45	17.45	17.43	18.30
		1	49	17.51	17.48	17.56	18.30
25		0	17.51	17.47	17.50	18.30	
25		13	17.47	17.48	17.49	18.30	
25		25	17.44	17.48	17.52	18.30	
15MHz	50	0	17.50	17.50	17.49	18.30	
	1	0	17.42	17.58	17.52	18.30	
	1	38	17.53	17.47	17.52	18.30	
15MHz	QPSK	1	74	17.49	17.44	17.54	18.30
		36	0	17.50	17.50	17.49	18.30
		36	18	17.41	17.47	17.53	18.30
		36	39	17.52	17.43	17.54	18.30
		75	0	17.47	17.47	17.48	18.30
		1	0	17.50	17.43	17.56	18.30
	16QAM	1	38	17.52	17.50	17.49	18.30
		1	74	17.46	17.46	17.53	18.30
		36	0	17.53	17.45	17.48	18.30

	64QAM	36	18	17.39	17.57	17.56	18.30
		36	39	17.51	17.56	17.48	18.30
		75	0	17.46	17.51	17.52	18.30
		1	0	17.51	17.51	17.49	18.30
		1	38	17.50	17.42	17.44	18.30
		1	74	17.49	17.50	17.54	18.30
		36	0	17.50	17.53	17.50	18.30
		36	18	17.45	17.42	17.53	18.30
		36	39	17.48	17.43	17.52	18.30
		75	0	17.54	17.51	17.49	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	17.74	17.79	17.72	18.30
		1	50	17.53	17.47	17.49	18.30
		1	99	17.45	17.46	17.52	18.30
		50	0	17.65	17.68	17.62	18.30
		50	25	17.41	17.47	17.50	18.30
		50	50	17.51	17.50	17.53	18.30
	16QAM	100	0	17.50	17.58	17.46	18.30
		1	0	17.47	17.47	17.58	18.30
		1	50	17.47	17.44	17.51	18.30
		1	99	17.45	17.47	17.52	18.30
		50	0	17.52	17.41	17.50	18.30
		50	25	17.43	17.48	17.51	18.30
	64QAM	50	50	17.45	17.55	17.47	18.30
		100	0	17.49	17.48	17.53	18.30
		1	0	17.49	17.49	17.50	18.30
		1	50	17.45	17.44	17.45	18.30
		1	99	17.45	17.45	17.55	18.30
		50	0	17.55	17.48	17.49	18.30
		50	25	17.46	17.48	17.47	18.30
		50	50	17.51	17.48	17.49	18.30
		100	0	17.53	17.46	17.45	18.30

LTE Band 48 state5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	18.60	18.71	18.59	19.30
		1	13	18.66	18.61	18.54	19.30
		1	24	18.54	18.56	18.63	19.30
		12	0	18.60	18.58	18.56	19.30
		12	6	18.62	18.56	18.54	19.30
		12	13	18.53	18.56	18.58	19.30
	16QAM	25	0	18.57	18.57	18.55	19.30
		1	0	18.61	18.61	18.56	19.30
		1	13	18.57	18.58	18.62	19.30
		1	24	18.57	18.54	18.60	19.30
		12	0	18.61	18.59	18.52	19.30
		12	6	18.56	18.56	18.60	19.30
	64QAM	12	13	18.56	18.52	18.53	19.30
		25	0	18.58	18.61	18.58	19.30
		1	0	18.62	18.56	18.55	19.30
		1	13	18.56	18.58	18.57	19.30
		1	24	18.64	18.54	18.56	19.30
		12	0	18.60	18.65	18.52	19.30
		12	6	18.59	18.60	18.58	19.30
		12	13	18.62	18.55	18.58	19.30
		25	0	18.57	18.53	18.57	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	18.45	18.61	18.50	19.30
		1	25	18.55	18.51	18.41	19.30
		1	49	18.45	18.47	18.50	19.30
		25	0	18.46	18.50	18.42	19.30
		25	13	18.52	18.45	18.42	19.30
		25	25	18.42	18.45	18.44	19.30
		50	0	18.48	18.47	18.47	19.30
	16QAM	1	0	18.52	18.49	18.48	19.30

		1	25	18.42	18.44	18.50	19.30
		1	49	18.49	18.44	18.51	19.30
		25	0	18.50	18.45	18.37	19.30
		25	13	18.48	18.47	18.45	19.30
		25	25	18.42	18.38	18.41	19.30
		50	0	18.45	18.48	18.48	19.30
	64QAM	1	0	18.54	18.42	18.46	19.30
		1	25	18.47	18.43	18.44	19.30
		1	49	18.55	18.45	18.47	19.30
		25	0	18.50	18.52	18.43	19.30
		25	13	18.45	18.50	18.44	19.30
		25	25	18.49	18.46	18.48	19.30
50	0	18.44	18.45	18.49	19.30		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	18.48	18.58	18.49	19.30
		1	38	18.51	18.52	18.46	19.30
		1	74	18.44	18.46	18.49	19.30
		36	0	18.49	18.44	18.44	19.30
		36	18	18.53	18.47	18.44	19.30
		36	39	18.42	18.44	18.49	19.30
		75	0	18.43	18.47	18.41	19.30
	16QAM	1	0	18.50	18.47	18.46	19.30
		1	38	18.45	18.50	18.50	19.30
		1	74	18.45	18.42	18.52	19.30
		36	0	18.52	18.49	18.39	19.30
		36	18	18.42	18.44	18.51	19.30
		36	39	18.47	18.38	18.38	19.30
		75	0	18.43	18.51	18.46	19.30
	64QAM	1	0	18.49	18.47	18.42	19.30
		1	38	18.47	18.50	18.47	19.30
		1	74	18.50	18.42	18.45	19.30
		36	0	18.46	18.55	18.43	19.30
		36	18	18.50	18.52	18.48	19.30
		36	39	18.48	18.46	18.46	19.30
		75	0	18.44	18.39	18.42	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	18.50	18.61	18.46	19.30
		1	50	18.56	18.46	18.45	19.30
		1	99	18.40	18.43	18.54	19.30
		50	0	18.47	18.56	18.46	19.30
		50	25	18.53	18.43	18.41	19.30
		50	50	18.44	18.45	18.50	19.30
		100	0	18.43	18.46	18.43	19.30
	16QAM	1	0	18.53	18.50	18.41	19.30
		1	50	18.43	18.48	18.52	19.30
		1	99	18.43	18.42	18.45	19.30
		50	0	18.48	18.50	18.42	19.30
		50	25	18.44	18.45	18.49	19.30
		50	50	18.46	18.42	18.39	19.30
		100	0	18.45	18.49	18.47	19.30
	64QAM	1	0	18.54	18.43	18.43	19.30
		1	50	18.48	18.44	18.45	19.30
		1	99	18.50	18.46	18.44	19.30
		50	0	18.47	18.51	18.41	19.30
		50	25	18.44	18.50	18.47	19.30
		50	50	18.52	18.44	18.50	19.30
		100	0	18.46	18.45	18.46	19.30

LTE Band 48 state8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	16.97	17.20	16.91	17.80
		1	13	16.97	16.97	16.99	17.80
		1	24	17.00	17.04	16.99	17.80
		12	0	16.97	16.91	16.98	17.80
		12	6	16.99	17.00	16.97	17.80

		12	13	17.00	17.01	16.97	17.80
		25	0	16.98	16.95	17.00	17.80
	16QAM	1	0	16.99	16.91	16.98	17.80
		1	13	17.00	17.00	16.92	17.80
		1	24	17.05	16.98	16.93	17.80
		12	0	16.91	16.88	16.98	17.80
		12	6	16.98	16.97	16.99	17.80
		12	13	16.97	16.96	16.98	17.80
		25	0	16.94	16.91	17.00	17.80
	64QAM	1	0	16.90	16.95	16.97	17.80
		1	13	16.97	16.97	17.05	17.80
		1	24	16.94	16.95	16.93	17.80
		12	0	17.01	16.95	16.93	17.80
		12	6	16.94	16.92	16.92	17.80
		12	13	16.91	16.94	16.96	17.80
		25	0	16.98	16.95	16.91	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	16.99	17.11	16.92	17.80
		1	25	16.98	16.92	17.03	17.80
		1	49	16.97	17.02	17.01	17.80
		25	0	16.97	16.95	16.97	17.80
		25	13	16.93	16.95	16.95	17.80
		25	25	16.95	16.99	16.98	17.80
		50	0	17.00	16.95	16.96	17.80
	16QAM	1	0	17.03	16.93	16.96	17.80
		1	25	16.96	16.99	16.92	17.80
		1	49	17.05	16.99	16.98	17.80
		25	0	16.93	16.91	16.98	17.80
		25	13	16.98	17.01	17.00	17.80
		25	25	16.96	16.92	17.00	17.80
		50	0	16.97	16.94	16.98	17.80
	64QAM	1	0	16.89	16.95	16.94	17.80
		1	25	17.03	16.90	17.00	17.80
		1	49	16.98	16.98	16.96	17.80
		25	0	16.99	16.98	16.88	17.80
		25	13	16.97	16.94	16.94	17.80
		25	25	16.95	16.93	16.96	17.80
		50	0	16.95	16.93	16.97	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	16.95	17.11	16.94	17.80
		1	38	16.97	16.97	16.98	17.80
		1	74	16.97	17.00	16.99	17.80
		36	0	16.99	16.97	16.94	17.80
		36	18	16.97	16.94	16.96	17.80
		36	39	16.95	17.02	16.94	17.80
		75	0	17.02	17.01	16.93	17.80
	16QAM	1	0	16.98	16.95	16.93	17.80
		1	38	17.01	17.01	16.91	17.80
		1	74	16.98	16.95	17.00	17.80
		36	0	16.95	16.95	16.93	17.80
		36	18	16.93	17.01	17.00	17.80
		36	39	16.94	16.92	16.94	17.80
		75	0	16.98	16.92	16.99	17.80
	64QAM	1	0	16.91	16.93	16.92	17.80
		1	38	16.99	16.91	17.01	17.80
		1	74	16.95	16.93	16.97	17.80
		36	0	16.94	16.93	16.88	17.80
		36	18	16.97	16.96	16.89	17.80
		36	39	16.94	16.93	16.97	17.80
		75	0	17.00	16.94	16.92	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	16.14	17.21	17.13	17.80
		1	50	17.02	16.97	16.98	17.80
		1	99	16.98	17.02	16.99	17.80
		50	0	17.02	17.07	16.05	17.80
		50	25	16.94	16.95	16.94	17.80
		50	50	16.98	17.03	16.95	17.80

	16QAM	100	0	17.02	17.06	17.00	17.80
		1	0	17.04	16.93	16.96	17.80
		1	50	16.97	16.99	16.92	17.80
		1	99	17.00	16.95	16.94	17.80
		50	0	16.97	16.91	16.92	17.80
		50	25	16.93	16.97	17.01	17.80
		50	50	16.95	16.93	16.97	17.80
	64QAM	100	0	16.98	16.90	16.96	17.80
		1	0	16.92	16.94	16.96	17.80
		1	50	16.96	16.97	17.00	17.80
		1	99	16.94	16.93	16.93	17.80
		50	0	17.01	16.98	16.93	17.80
		50	25	16.96	16.91	16.95	17.80
		50	50	16.98	16.93	16.96	17.80
		100	0	16.95	16.96	16.96	17.80

LTE Band 48 state10&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	18.02	18.21	18.02	18.80
		1	13	18.07	18.06	18.03	18.80
		1	24	18.07	18.07	18.08	18.80
		12	0	18.11	18.05	18.10	18.80
		12	6	18.13	18.04	18.06	18.80
		12	13	18.09	18.09	18.10	18.80
	16QAM	25	0	18.05	18.08	18.02	18.80
		1	0	18.08	18.08	18.08	18.80
		1	13	18.03	18.11	18.09	18.80
		1	24	18.09	18.07	18.11	18.80
		12	0	18.07	18.04	18.07	18.80
		12	6	18.08	18.06	18.04	18.80
	64QAM	12	13	18.10	18.04	18.06	18.80
		25	0	18.09	18.10	18.10	18.80
		1	0	18.02	18.07	18.06	18.80
		1	13	18.04	18.08	18.05	18.80
		1	24	18.13	18.10	18.02	18.80
		12	0	18.08	18.07	18.08	18.80
10MHz	QPSK	12	6	18.06	18.04	18.11	18.80
		12	13	18.07	18.04	18.02	18.80
		25	0	18.07	18.06	18.11	18.80
	16QAM	1	0	17.93	18.09	17.94	18.80
		1	25	17.99	17.95	17.95	18.80
		1	49	17.96	17.99	17.96	18.80
	64QAM	25	0	17.99	17.97	18.00	18.80
		25	13	17.98	17.93	17.93	18.80
		25	25	17.99	17.99	18.00	18.80
		50	0	17.95	17.99	17.94	18.80
		1	0	17.96	17.98	17.97	18.80
		1	25	17.91	17.98	18.00	18.80
	16QAM	1	49	18.01	17.95	18.03	18.80
		25	0	17.95	17.90	17.98	18.80
		25	13	18.00	17.91	17.95	18.80
		25	25	17.99	17.93	17.93	18.80
		50	0	17.97	17.97	18.01	18.80
	64QAM	1	0	17.94	17.95	17.95	18.80
		1	25	17.94	17.96	17.91	18.80
		1	49	18.03	17.95	17.94	18.80
		25	0	17.98	17.99	18.00	18.80
		25	13	17.97	17.90	18.01	18.80
		25	25	17.97	17.92	17.91	18.80
15MHz	QPSK	50	0	17.98	17.96	17.98	18.80
		1	0	17.90	18.11	17.91	18.80
		1	38	17.94	17.94	17.94	18.80
		1	74	17.99	17.92	17.93	18.80
	16QAM	1	0	17.93	18.09	17.94	18.80
		1	25	17.99	17.95	17.95	18.80
		1	49	17.96	17.99	17.96	18.80
		25	0	17.99	17.97	18.00	18.80
		25	13	17.98	17.93	17.93	18.80
		25	25	17.99	17.99	18.00	18.80
	64QAM	50	0	17.95	17.99	17.94	18.80
		1	0	17.96	17.98	17.97	18.80
		1	25	17.91	17.98	18.00	18.80
		1	49	18.01	17.95	18.03	18.80
		25	0	17.95	17.90	17.98	18.80
		25	13	18.00	17.91	17.95	18.80
15MHz	QPSK	25	25	17.99	17.93	17.93	18.80
		50	0	17.97	17.97	18.01	18.80
		1	0	17.94	17.95	17.95	18.80
		1	25	17.94	17.96	17.91	18.80
		1	49	18.03	17.95	17.94	18.80
		25	0	17.98	17.99	18.00	18.80
	16QAM	25	13	17.97	17.90	18.01	18.80
		25	25	17.97	17.92	17.91	18.80
		50	0	17.98	17.96	17.98	18.80
		1	0	17.90	18.11	17.91	18.80
		1	38	17.94	17.94	17.94	18.80
		1	74	17.99	17.92	17.93	18.80

		36	0	17.97	17.97	17.98	18.80
		36	18	18.04	17.89	17.98	18.80
		36	39	18.01	17.97	18.01	18.80
		75	0	17.93	17.96	17.90	18.80
	16QAM	1	0	17.93	17.99	17.94	18.80
		1	38	17.90	17.98	17.98	18.80
		1	74	17.98	17.97	18.01	18.80
		36	0	17.97	17.94	17.94	18.80
		36	18	17.93	17.97	17.96	18.80
		36	39	18.00	17.92	17.93	18.80
		75	0	17.96	17.97	17.95	18.80
		1	0	17.93	17.93	17.98	18.80
	64QAM	1	38	17.95	17.98	17.92	18.80
		1	74	18.03	17.99	17.88	18.80
		36	0	17.99	17.93	18.00	18.80
		36	18	17.96	17.96	17.97	18.80
		36	39	17.94	17.91	17.91	18.80
		75	0	17.97	17.93	18.01	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	17.89	18.09	17.93	18.80
		1	50	17.93	17.93	17.93	18.80
		1	99	17.93	17.99	17.93	18.80
		50	0	18.03	17.93	17.98	18.80
		50	25	18.03	17.89	17.97	18.80
		50	50	18.01	17.97	17.98	18.80
	16QAM	100	0	17.92	18.00	17.93	18.80
		1	0	17.95	18.00	17.96	18.80
		1	50	17.91	17.99	17.96	18.80
		1	99	18.00	17.95	17.98	18.80
		50	0	17.97	17.93	17.94	18.80
		50	25	17.95	17.91	17.93	18.80
	64QAM	50	50	18.01	17.94	17.98	18.80
		100	0	17.95	17.99	18.00	18.80
		1	0	17.88	17.98	17.92	18.80
		1	50	17.96	17.95	17.94	18.80
		1	99	18.05	18.00	17.88	18.80
		50	0	17.94	17.99	17.95	18.80
		50	25	17.98	17.93	18.02	18.80
		50	50	17.93	17.92	17.94	18.80
		100	0	17.95	17.98	17.98	18.80

LTE Band 48 state13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	15.95	16.12	15.95	16.80
		1	13	15.97	15.98	15.98	16.80
		1	24	16.00	15.98	16.03	16.80
		12	0	16.03	15.97	16.01	16.80
		12	6	16.04	15.95	15.97	16.80
		12	13	16.02	16.00	16.05	16.80
	16QAM	25	0	15.98	16.03	15.96	16.80
		1	0	16.01	16.03	16.00	16.80
		1	13	15.94	16.04	16.02	16.80
		1	24	16.02	15.99	16.01	16.80
		12	0	16.00	15.99	15.98	16.80
		12	6	15.99	16.00	15.99	16.80
	64QAM	12	13	16.04	15.96	15.99	16.80
		25	0	16.02	16.01	16.02	16.80
		1	0	15.97	15.98	15.99	16.80
		1	13	15.98	15.99	16.00	16.80
		1	24	16.06	16.04	15.95	16.80
		12	0	16.02	16.01	16.00	16.80
		12	6	16.01	15.97	16.05	16.80
		12	13	15.98	15.97	15.94	16.80
		25	0	16.00	15.98	16.03	16.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	

10MHz	QPSK	1	0	15.97	16.13	15.97	16.80
		1	25	16.01	16.01	15.95	16.80
		1	49	15.98	15.99	16.00	16.80
		25	0	16.02	16.00	16.04	16.80
		25	13	16.06	15.96	15.99	16.80
		25	25	16.04	16.02	16.03	16.80
	16QAM	50	0	15.97	16.03	15.96	16.80
		1	0	16.01	16.01	15.98	16.80
		1	25	15.96	16.02	16.00	16.80
		1	49	16.03	16.02	16.04	16.80
		25	0	15.99	15.95	15.99	16.80
		25	13	16.01	15.98	15.96	16.80
	64QAM	25	25	16.00	15.99	16.01	16.80
		50	0	16.01	16.04	16.00	16.80
		1	0	15.96	16.01	15.96	16.80
		1	25	15.99	16.00	15.98	16.80
		1	49	16.06	16.02	15.94	16.80
		25	0	16.02	16.01	15.98	16.80
15MHz	QPSK	25	13	15.98	15.99	16.02	16.80
		25	25	16.00	15.96	15.93	16.80
		50	0	15.98	15.99	16.02	16.80
		1	0	15.97	16.16	15.94	16.80
		1	38	15.97	15.98	15.98	16.80
		1	74	15.98	16.02	15.99	16.80
	16QAM	36	0	16.03	16.00	16.04	16.80
		36	18	16.08	15.94	16.00	16.80
		36	39	16.00	16.02	16.02	16.80
		75	0	15.97	16.01	15.96	16.80
		1	0	16.01	15.99	16.00	16.80
		1	38	15.95	16.01	16.00	16.80
	64QAM	1	74	16.00	15.97	16.02	16.80
		36	0	15.98	15.99	15.97	16.80
		36	18	16.02	15.99	15.95	16.80
		36	39	16.02	15.97	15.96	16.80
		75	0	16.02	16.05	16.04	16.80
		1	0	15.97	15.97	15.99	16.80
20MHz	QPSK	1	38	15.97	15.98	15.97	16.80
		1	74	16.04	16.03	15.95	16.80
		36	0	15.98	15.98	16.00	16.80
		36	18	16.01	15.95	16.05	16.80
		36	39	16.01	15.97	15.94	16.80
		75	0	15.97	16.01	16.02	16.80
	16QAM	1	0	15.93	16.19	15.95	16.80
		1	50	15.98	15.98	15.97	16.80
		1	99	15.97	16.02	16.03	16.80
		50	0	16.06	15.98	16.04	16.80
		50	25	16.05	15.96	15.97	16.80
		50	50	16.04	16.01	16.03	16.80
	64QAM	100	0	15.96	16.00	15.92	16.80
		1	0	16.01	16.01	16.02	16.80
		1	50	15.95	16.06	16.02	16.80
		1	99	16.01	15.98	16.02	16.80
		50	0	15.99	15.94	15.99	16.80
		50	25	16.01	15.99	15.98	16.80
15MHz	QPSK	50	50	16.01	15.97	15.96	16.80
		100	0	16.01	16.02	16.03	16.80
		1	0	15.95	16.00	15.97	16.80
		1	50	15.96	16.01	15.97	16.80
		1	99	16.05	16.02	15.93	16.80
		50	0	16.03	16.01	16.01	16.80
16QAM	50	25	15.97	15.98	16.03	16.80	
	50	50	15.97	15.98	15.97	16.80	
	100	0	15.99	16.00	16.06	16.80	
	1	0	15.97	16.01	15.94	16.80	
	1	38	15.97	15.98	15.97	16.80	
	1	74	16.04	16.03	15.95	16.80	

1.5 Conducted Power of Legacy (Ant4)

LTE Band 4 state3&5&8&10&13&15				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				19957	20175	20393			
1.4MHz	QPSK	1	0	23.95	24.06	23.97	24.30		
		1	2	23.97	23.95	23.92	24.30		
		1	5	23.97	23.98	23.92	24.30		
		3	0	23.91	23.96	23.94	24.30		
		3	2	23.98	23.96	23.98	24.30		
		3	3	23.94	23.97	23.95	24.30		
	16QAM	6	0	22.96	23.02	22.95	23.30		
		1	0	22.94	23.08	22.93	23.30		
		1	2	22.92	23.04	22.96	23.30		
		1	5	22.90	23.07	22.97	23.30		
		3	0	22.90	23.05	22.99	23.30		
		3	2	22.91	23.05	22.92	23.30		
	64QAM	3	3	22.90	23.08	22.94	23.30		
		6	0	21.96	22.02	21.97	22.30		
		1	0	21.96	22.10	21.94	22.30		
		1	2	21.91	22.06	21.94	22.30		
		1	5	21.91	22.07	21.98	22.30		
		3	0	21.85	22.07	22.01	22.30		
	64QAM	3	2	21.89	22.02	21.88	22.30		
		3	3	21.91	22.04	21.89	22.30		
		6	0	20.95	21.01	20.99	21.30		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						19965	20175	20385	
		3MHz	QPSK	1	0	23.81	23.92	23.86	24.30
1	7			23.82	23.84	23.82	24.30		
1	14			23.85	23.88	23.80	24.30		
8	0			22.78	22.77	22.78	23.30		
8	4			22.84	22.86	22.84	23.30		
8	7			22.87	22.88	22.87	23.30		
16QAM	15		0	22.85	22.93	22.83	23.30		
	1		0	22.86	22.94	22.81	23.30		
	1		7	22.84	22.91	22.82	23.30		
	1		14	22.81	22.93	22.84	23.30		
	8		0	21.80	21.95	21.88	22.30		
	8		4	21.84	21.95	21.80	22.30		
64QAM	8		7	21.74	21.98	21.78	22.30		
	15		0	21.85	21.90	21.87	22.30		
	1		0	21.84	22.01	21.86	22.30		
	1		7	21.81	21.96	21.79	22.30		
	1		14	21.81	21.97	21.87	22.30		
	8		0	20.77	20.98	20.90	21.30		
64QAM	8		4	20.79	20.94	20.73	21.30		
	8		7	20.77	20.90	20.74	21.30		
	15		0	20.82	20.88	20.89	21.30		
	Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						19975	20175	20375	
	5MHz		QPSK	1	0	23.72	23.81	23.77	24.30
1		13		23.69	23.73	23.69	24.30		
1		24		23.71	23.78	23.66	24.30		
12		0		22.65	22.64	22.67	23.30		
12		6		22.75	22.77	22.76	23.30		
12		13		22.75	22.78	22.79	23.30		
16QAM		25	0	22.71	22.84	22.70	23.30		
		1	0	22.77	22.79	22.68	23.30		
		1	13	22.73	22.82	22.70	23.30		
		1	24	22.72	22.78	22.73	23.30		
		12	0	21.68	21.87	21.74	22.30		
		12	6	21.72	21.80	21.71	22.30		
64QAM		12	13	21.63	21.88	21.68	22.30		
		25	0	21.75	21.79	21.78	22.30		
		1	0	21.70	21.89	21.74	22.30		
		1	13	21.68	21.85	21.69	22.30		
		1	24	21.67	21.84	21.76	22.30		

		12	0	20.62	20.86	20.77	21.30	
		12	6	20.70	20.81	20.60	21.30	
		12	13	20.68	20.80	20.59	21.30	
		25	0	20.69	20.79	20.81	21.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
10MHz	QPSK	1	0	23.69	23.82	23.77	24.30	
		1	25	23.71	23.74	23.72	24.30	
		1	49	23.72	23.74	23.71	24.30	
		25	0	22.64	22.68	22.64	23.30	
		25	13	22.72	22.74	22.75	23.30	
		25	25	22.74	22.76	22.73	23.30	
	16QAM	50	0	22.77	22.85	22.75	23.30	
		1	0	22.74	22.82	22.66	23.30	
		1	25	22.75	22.79	22.72	23.30	
		1	49	22.73	22.80	22.71	23.30	
		25	0	21.72	21.85	21.74	22.30	
		25	13	21.75	21.83	21.67	22.30	
	64QAM	25	25	21.65	21.87	21.65	22.30	
		50	0	21.76	21.79	21.75	22.30	
		1	0	21.76	21.88	21.76	22.30	
		1	25	21.72	21.84	21.65	22.30	
		1	49	21.73	21.85	21.77	22.30	
		25	0	20.65	20.83	20.75	21.30	
	15MHz	QPSK	25	13	20.68	20.86	20.64	21.30
			25	25	20.69	20.81	20.60	21.30
			25	0	20.71	20.73	20.81	21.30
1			0	23.66	23.82	23.75	24.30	
1			38	23.67	23.76	23.68	24.30	
1			74	23.73	23.74	23.69	24.30	
16QAM		36	0	22.66	22.63	22.70	23.30	
		36	18	22.75	22.78	22.72	23.30	
		36	39	22.73	22.75	22.79	23.30	
		75	0	22.77	22.83	22.75	23.30	
		1	0	22.77	22.83	22.66	23.30	
		1	38	22.75	22.80	22.72	23.30	
64QAM		1	74	22.70	22.85	22.72	23.30	
		36	0	21.70	21.87	21.79	22.30	
		36	18	21.70	21.87	21.70	22.30	
	36	39	21.60	21.90	21.64	22.30		
	75	0	21.70	21.75	21.77	22.30		
	1	0	21.71	21.89	21.73	22.30		
20MHz	QPSK	1	38	21.70	21.86	21.71	22.30	
		1	74	21.71	21.89	21.72	22.30	
		36	0	20.67	20.86	20.76	21.30	
		36	18	20.64	20.82	20.59	21.30	
		36	39	20.66	20.82	20.64	21.30	
		75	0	20.67	20.77	20.75	21.30	
	16QAM	1	0	/	24.08	/	24.30	
		1	50	/	23.72	/	24.30	
		1	99	/	23.75	/	24.30	
		50	0	/	22.75	/	23.30	
		50	25	/	22.74	/	23.30	
		50	50	/	22.78	/	23.30	
64QAM	100	0	/	22.82	/	23.30		
	1	0	/	22.82	/	23.30		
	1	50	/	22.78	/	23.30		
	1	99	/	22.82	/	23.30		
	50	0	/	21.82	/	22.30		
	50	25	/	21.85	/	22.30		
64QAM	50	50	/	21.84	/	22.30		
	100	0	/	21.82	/	22.30		
	1	0	/	21.91	/	22.30		
	1	50	/	21.87	/	22.30		
	1	99	/	21.89	/	22.30		
	50	0	/	20.89	/	21.30		

		50	25	/	20.86	/	21.30
		50	50	/	20.82	/	21.30
		100	0	/	20.78	/	21.30

LTE Band 7 state3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20775	21100	21425	22.80
		1	13	22.14	22.22	22.09	22.80
		1	24	22.09	22.11	22.08	22.80
		12	0	22.11	22.11	22.11	22.80
		12	6	22.12	22.13	22.08	22.80
		12	13	22.11	22.11	22.08	22.80
	16QAM	25	0	22.09	22.11	22.08	22.80
		1	0	22.07	22.12	22.10	22.80
		1	13	22.14	22.09	22.12	22.80
		1	24	22.09	22.14	22.10	22.80
		1	24	22.13	22.07	22.09	22.80
		12	0	21.63	21.67	21.47	22.30
	64QAM	12	6	21.55	21.71	21.58	22.30
		12	13	21.50	21.68	21.57	22.30
		25	0	21.60	21.70	21.56	22.30
		1	0	21.54	21.61	21.54	22.30
		1	13	21.59	21.60	21.49	22.30
		1	24	21.57	21.74	21.56	22.30
		12	0	20.62	20.63	20.53	21.30
		12	6	20.55	20.71	20.54	21.30
		12	13	20.59	20.66	20.48	21.30
		25	0	20.57	20.71	20.54	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	20800	21100	21400			
		1	0	22.00	22.11	21.99	22.80
		1	25	21.95	21.99	21.97	22.80
		1	49	21.97	21.99	21.98	22.80
		25	0	22.04	22.01	21.97	22.80
		25	13	21.98	21.98	21.99	22.80
	16QAM	25	25	21.97	22.00	21.94	22.80
		50	0	21.97	22.03	21.98	22.80
		1	0	22.04	21.94	22.02	22.80
		1	25	22.00	22.01	22.01	22.80
		1	49	22.03	21.96	21.94	22.80
		25	0	21.52	21.57	21.38	22.30
	64QAM	25	13	21.41	21.59	21.43	22.30
		25	25	21.40	21.55	21.46	22.30
		50	0	21.46	21.56	21.44	22.30
		1	0	21.41	21.46	21.43	22.30
		1	25	21.49	21.50	21.34	22.30
		1	49	21.48	21.61	21.46	22.30
		25	0	20.48	20.54	20.43	21.30
		25	13	20.47	20.57	20.45	21.30
		25	25	20.45	20.56	20.34	21.30
		50	0	20.49	20.58	20.42	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	20825	21100	21375			
		1	0	22.01	22.11	21.99	22.80
		1	38	21.97	22.00	21.99	22.80
		1	74	21.97	22.02	21.96	22.80
		36	0	21.97	22.03	21.99	22.80
		36	18	22.00	22.01	22.00	22.80
	16QAM	36	39	21.95	22.02	21.95	22.80
		75	0	21.93	21.99	22.00	22.80
		1	0	21.99	21.96	21.99	22.80
		1	38	22.00	22.03	22.02	22.80
		1	74	21.98	21.97	21.98	22.80
		36	0	21.50	21.54	21.39	22.30
	64QAM	36	18	21.47	21.56	21.46	22.30
		36	39	21.42	21.55	21.49	22.30
		75	0	21.45	21.61	21.43	22.30
		1	0	21.45	21.51	21.43	22.30

		1	38	21.49	21.52	21.37	22.30
		1	74	21.46	21.59	21.47	22.30
		36	0	20.53	20.53	20.40	21.30
		36	18	20.46	20.62	20.46	21.30
		36	39	20.48	20.54	20.37	21.30
		75	0	20.42	20.59	20.44	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.16	22.25	22.22	22.80
		1	50	21.99	22.00	21.94	22.80
		1	99	22.03	21.96	22.03	22.80
		50	0	22.02	22.12	22.08	22.80
		50	25	21.99	22.02	21.99	22.80
		50	50	21.97	22.00	21.94	22.80
		100	0	21.93	22.02	21.98	22.80
	16QAM	1	0	22.00	21.98	22.00	22.80
		1	50	21.99	22.05	22.02	22.80
		1	99	22.01	21.95	22.01	22.80
		50	0	21.48	21.58	21.38	22.30
		50	25	21.45	21.58	21.46	22.30
		50	50	21.40	21.56	21.46	22.30
		100	0	21.50	21.55	21.46	22.30
	64QAM	1	0	21.46	21.47	21.44	22.30
		1	50	21.50	21.49	21.38	22.30
		1	99	21.48	21.63	21.42	22.30
		50	0	20.51	20.54	20.40	21.30
		50	25	20.42	20.57	20.44	21.30
		50	50	20.46	20.53	20.35	21.30
		100	0	20.47	20.59	20.46	21.30

LTE Band 7 state5&10&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.59	23.72	23.60	24.30
		1	13	23.63	23.62	23.64	24.30
		1	24	23.59	23.61	23.58	24.30
		12	0	22.61	22.69	22.55	23.30
		12	6	22.57	22.71	22.55	23.30
		12	13	22.54	22.70	22.59	23.30
		25	0	22.57	22.73	22.58	23.30
	16QAM	1	0	22.60	22.68	22.55	23.30
		1	13	22.58	22.68	22.56	23.30
		1	24	22.61	22.71	22.57	23.30
		12	0	21.63	21.66	21.50	22.30
		12	6	21.57	21.72	21.57	22.30
		12	13	21.55	21.70	21.56	22.30
		25	0	21.58	21.70	21.56	22.30
	64QAM	1	0	21.56	21.66	21.55	22.30
		1	13	21.57	21.64	21.53	22.30
		1	24	21.60	21.72	21.59	22.30
		12	0	20.63	20.63	20.51	21.30
		12	6	20.54	20.70	20.57	21.30
		12	13	20.57	20.69	20.53	21.30
		25	0	20.58	20.69	20.55	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.47	23.62	23.46	24.30
		1	25	23.55	23.50	23.55	24.30
		1	49	23.51	23.53	23.48	24.30
		25	0	22.52	22.57	22.41	23.30
		25	13	22.44	22.56	22.44	23.30
		25	25	22.43	22.59	22.49	23.30
		50	0	22.43	22.63	22.45	23.30
	16QAM	1	0	22.47	22.54	22.46	23.30
		1	25	22.44	22.58	22.46	23.30
		1	49	22.53	22.63	22.44	23.30
		25	0	21.48	21.51	21.41	22.30
		25	13	21.44	21.63	21.48	22.30

	64QAM	25	25	21.42	21.59	21.42	22.30
		50	0	21.50	21.56	21.44	22.30
		1	0	21.48	21.53	21.44	22.30
		1	25	21.43	21.53	21.45	22.30
		1	49	21.46	21.57	21.46	22.30
		25	0	20.52	20.50	20.43	21.30
		25	13	20.39	20.60	20.45	21.30
		25	25	20.44	20.60	20.44	21.30
		50	0	20.46	20.59	20.46	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	20825	21100	21375	24.30
		1	38	23.47	23.58	23.52	24.30
		1	74	23.49	23.52	23.55	24.30
		36	0	23.48	23.50	23.50	24.30
		36	18	22.49	22.59	22.41	23.30
		36	39	22.46	22.59	22.43	23.30
	16QAM	75	0	22.45	22.60	22.44	23.30
		1	0	22.45	22.63	22.45	23.30
		1	38	22.51	22.57	22.46	23.30
		1	74	22.50	22.54	22.43	23.30
		36	0	22.50	22.59	22.48	23.30
		36	18	21.50	21.55	21.37	22.30
	64QAM	36	39	21.43	21.60	21.46	22.30
		36	18	21.43	21.58	21.47	22.30
		75	0	21.43	21.61	21.42	22.30
		1	0	21.47	21.53	21.45	22.30
		1	38	21.43	21.52	21.41	22.30
		1	74	21.49	21.61	21.51	22.30
20MHz	QPSK	36	0	20.53	20.53	20.37	21.30
		36	18	20.46	20.58	20.45	21.30
		36	39	20.47	20.61	20.45	21.30
		75	0	20.44	20.57	20.45	21.30
	16QAM	1	0	20850	21100	21350	24.30
		1	50	23.69	23.76	23.68	24.30
		1	99	23.53	23.51	23.51	24.30
		50	0	23.49	23.53	23.46	24.30
		50	25	22.53	22.64	22.52	23.30
		50	50	22.49	22.61	22.41	23.30
	64QAM	100	0	22.44	22.62	22.51	23.30
		1	0	22.48	22.62	22.44	23.30
		1	50	22.49	22.54	22.46	23.30
		1	99	22.47	22.57	22.42	23.30
		50	0	22.49	22.58	22.47	23.30
		50	25	21.54	21.53	21.37	22.30
20MHz	QPSK	50	50	21.44	21.62	21.43	22.30
		50	0	21.47	21.57	21.46	22.30
		100	0	21.46	21.56	21.44	22.30
	16QAM	1	0	21.73	21.82	21.72	22.30
		1	50	21.72	21.69	21.70	22.30
		1	99	21.73	21.70	21.70	22.30
	64QAM	12	0	21.71	21.70	21.72	22.30
		12	6	21.69	21.74	21.74	22.30
		12	13	21.69	21.70	21.72	22.30
		25	0	21.74	21.73	21.69	22.30
		1	0	21.70	21.68	21.70	22.30
		1	13	21.71	21.74	21.69	22.30

LTE Band 7 state8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20775	21100	21425	22.30
		1	13	21.73	21.82	21.72	22.30
		1	24	21.72	21.69	21.70	22.30
		12	0	21.73	21.70	21.70	22.30
		12	6	21.71	21.70	21.72	22.30
		12	13	21.69	21.74	21.74	22.30
	16QAM	25	0	21.70	21.70	21.70	22.30
		1	0	21.74	21.73	21.69	22.30
		1	50	21.70	21.68	21.70	22.30
		1	99	21.71	21.74	21.69	22.30
		50	0	21.73	21.82	21.72	22.30
		50	25	21.72	21.69	21.70	22.30

		1	24	21.70	21.73	21.74	22.30
		12	0	21.68	21.71	21.69	22.30
		12	6	21.73	21.68	21.70	22.30
		12	13	21.72	21.73	21.73	22.30
		25	0	21.72	21.72	21.68	22.30
	64QAM	1	0	21.72	21.69	21.72	22.30
		1	13	21.71	21.67	21.73	22.30
		1	24	21.72	21.69	21.72	22.30
		12	0	20.61	20.62	20.48	21.30
		12	6	20.53	20.72	20.59	21.30
		12	13	20.56	20.71	20.53	21.30
		25	0	20.55	20.66	20.56	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	21.61	21.69	21.60	22.30
		1	25	21.60	21.57	21.55	22.30
		1	49	21.64	21.61	21.61	22.30
		25	0	21.62	21.61	21.61	22.30
		25	13	21.56	21.62	21.63	22.30
		25	25	21.60	21.58	21.63	22.30
	16QAM	50	0	21.64	21.61	21.57	22.30
		1	0	21.60	21.54	21.62	22.30
		1	25	21.60	21.64	21.61	22.30
		1	49	21.58	21.65	21.63	22.30
		25	0	21.56	21.60	21.55	22.30
		25	13	21.62	21.56	21.62	22.30
	64QAM	25	25	21.62	21.63	21.64	22.30
		50	0	21.59	21.63	21.55	22.30
		1	0	21.63	21.57	21.58	22.30
		1	25	21.60	21.52	21.61	22.30
		1	49	21.64	21.57	21.61	22.30
		25	0	20.52	20.48	20.40	21.30
		25	13	20.40	20.62	20.45	21.30
		25	25	20.43	20.60	20.43	21.30
		50	0	20.43	20.52	20.44	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.65	21.70	21.64	22.30
		1	38	21.63	21.56	21.62	22.30
		1	74	21.65	21.55	21.59	22.30
		36	0	21.60	21.58	21.59	22.30
		36	18	21.58	21.59	21.61	22.30
		36	39	21.58	21.60	21.63	22.30
		75	0	21.65	21.65	21.59	22.30
	16QAM	1	0	21.59	21.60	21.59	22.30
		1	38	21.62	21.60	21.59	22.30
		1	74	21.56	21.65	21.65	22.30
		36	0	21.56	21.60	21.58	22.30
		36	18	21.63	21.54	21.56	22.30
		36	39	21.61	21.59	21.63	22.30
	64QAM	75	0	21.63	21.63	21.59	22.30
		1	0	21.59	21.57	21.59	22.30
		1	38	21.63	21.59	21.60	22.30
		1	74	21.62	21.61	21.59	22.30
		36	0	20.50	20.50	20.39	21.30
		36	18	20.45	20.63	20.48	21.30
		36	39	20.48	20.62	20.44	21.30
		75	0	20.42	20.56	20.43	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.59	21.70	21.58	22.30
		1	50	21.60	21.55	21.55	22.30
		1	99	21.59	21.61	21.56	22.30
		50	0	21.56	21.59	21.58	22.30
		50	25	21.60	21.60	21.63	22.30
		50	50	21.58	21.56	21.58	22.30
	16QAM	100	0	21.60	21.61	21.55	22.30
		1	0	21.60	21.59	21.56	22.30
		1	50	21.61	21.60	21.60	22.30
		1	99	21.60	21.64	21.59	22.30

		50	0	21.54	21.60	21.61	22.30
		50	25	21.63	21.59	21.59	22.30
		50	50	21.57	21.61	21.60	22.30
		100	0	21.59	21.59	21.58	22.30
	64QAM	1	0	21.60	21.59	21.58	22.30
		1	50	21.57	21.56	21.65	22.30
		1	99	21.59	21.57	21.57	22.30
		50	0	20.49	20.51	20.37	21.30
		50	25	20.43	20.62	20.50	21.30
		50	50	20.41	20.61	20.42	21.30
		100	0	20.42	20.57	20.48	21.30

LTE Band 7 state13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.70	20.79	20.64	21.30
		1	13	20.64	20.71	20.65	21.30
		1	24	20.67	20.69	20.71	21.30
		12	0	20.68	20.68	20.69	21.30
		12	6	20.66	20.70	20.70	21.30
		12	13	20.70	20.70	20.70	21.30
	16QAM	25	0	20.67	20.67	20.69	21.30
		1	0	20.67	20.65	20.68	21.30
		1	13	20.71	20.67	20.70	21.30
		1	24	20.71	20.70	20.67	21.30
		12	0	20.67	20.65	20.69	21.30
		12	6	20.65	20.65	20.70	21.30
	64QAM	12	13	20.66	20.69	20.71	21.30
		25	0	20.65	20.66	20.71	21.30
		1	0	20.66	20.66	20.69	21.30
		1	13	20.67	20.70	20.68	21.30
		1	24	20.65	20.69	20.69	21.30
		12	0	20.67	20.65	20.66	21.30
10MHz	QPSK	12	6	20.68	20.66	20.68	21.30
		12	13	20.67	20.68	20.69	21.30
		25	0	20.70	20.67	20.68	21.30
	16QAM	1	0	20.62	20.69	20.53	21.30
		1	25	20.50	20.63	20.52	21.30
		1	49	20.59	20.58	20.59	21.30
	64QAM	25	0	20.57	20.57	20.56	21.30
		25	13	20.52	20.56	20.57	21.30
		25	25	20.59	20.62	20.61	21.30
		50	0	20.54	20.58	20.57	21.30
	16QAM	1	0	20.57	20.52	20.56	21.30
		1	25	20.63	20.55	20.56	21.30
		1	49	20.63	20.61	20.52	21.30
		25	0	20.53	20.57	20.54	21.30
		25	13	20.55	20.53	20.56	21.30
		25	25	20.55	20.61	20.57	21.30
15MHz	QPSK	50	0	20.55	20.55	20.61	21.30
		1	0	20.54	20.51	20.56	21.30
		1	25	20.55	20.55	20.59	21.30
		1	49	20.53	20.60	20.61	21.30
		25	0	20.56	20.54	20.51	21.30
		25	13	20.60	20.58	20.56	21.30
	16QAM	25	25	20.57	20.56	20.59	21.30
		50	0	20.59	20.54	20.56	21.30
		1	0	20.61	20.67	20.52	21.30
		1	38	20.50	20.63	20.57	21.30
		1	74	20.58	20.61	20.57	21.30
		36	0	20.55	20.55	20.59	21.30
15MHz	QPSK	36	18	20.57	20.58	20.61	21.30
		36	39	20.61	20.58	20.59	21.30
		75	0	20.59	20.54	20.56	21.30

	16QAM	1	0	20.59	20.56	20.59	21.30
		1	38	20.62	20.54	20.57	21.30
		1	74	20.59	20.62	20.58	21.30
		36	0	20.56	20.55	20.61	21.30
		36	18	20.51	20.56	20.61	21.30
		36	39	20.57	20.56	20.56	21.30
		75	0	20.55	20.56	20.63	21.30
	64QAM	1	0	20.56	20.57	20.61	21.30
		1	38	20.57	20.58	20.59	21.30
		1	74	20.51	20.55	20.58	21.30
		36	0	20.56	20.56	20.57	21.30
		36	18	20.56	20.56	20.56	21.30
		36	39	20.59	20.56	20.60	21.30
		75	0	20.58	20.56	20.55	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20.62	20.69	20.55	21.30
		1	50	20.53	20.57	20.56	21.30
		1	99	20.56	20.58	20.63	21.30
		50	0	20.60	20.59	20.58	21.30
		50	25	20.55	20.62	20.61	21.30
		50	50	20.62	20.60	20.62	21.30
		100	0	20.53	20.53	20.61	21.30
	16QAM	1	0	20.54	20.55	20.54	21.30
		1	50	20.57	20.55	20.56	21.30
		1	99	20.59	20.60	20.53	21.30
		50	0	20.54	20.53	20.61	21.30
		50	25	20.52	20.52	20.57	21.30
		50	50	20.55	20.60	20.58	21.30
		100	0	20.53	20.57	20.63	21.30
	64QAM	1	0	20.53	20.55	20.60	21.30
		1	50	20.59	20.60	20.60	21.30
		1	99	20.54	20.61	20.55	21.30
		50	0	20.53	20.56	20.56	21.30
		50	25	20.55	20.58	20.59	21.30
		50	50	20.57	20.60	20.58	21.30
		100	0	20.56	20.57	20.59	21.30

LTE Band 66 state3&5&8&10&13&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	23.52	23.65	23.53	24.30
		1	2	23.50	23.56	23.53	24.30
		1	5	23.51	23.53	23.53	24.30
		3	0	23.52	23.56	23.57	24.30
		3	1	23.51	23.54	23.56	24.30
		3	3	23.53	23.53	23.55	24.30
		6	0	22.52	22.67	22.50	23.30
	16QAM	1	0	22.48	22.60	22.49	23.30
		1	2	22.50	22.64	22.50	23.30
		1	5	22.52	22.62	22.50	23.30
		3	0	22.47	22.67	22.49	23.30
		3	1	22.49	22.66	22.48	23.30
		3	3	22.53	22.65	22.49	23.30
		6	0	21.49	21.67	21.49	22.30
	64QAM	1	0	21.47	21.56	21.44	22.30
		1	2	21.52	21.60	21.45	22.30
		1	5	21.48	21.62	21.46	22.30
		3	0	21.49	21.67	21.44	22.30
		3	1	21.45	21.65	21.48	22.30
		3	3	21.51	21.66	21.47	22.30
		6	0	20.46	20.68	20.46	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.44	23.53	23.41	24.30
		1	7	23.42	23.48	23.40	24.30
		1	14	23.38	23.38	23.40	24.30
		8	0	22.45	22.43	22.43	23.30

		8	4	22.32	22.39	22.40	23.30	
		8	7	22.36	22.36	22.47	23.30	
		15	0	22.39	22.56	22.39	23.30	
	16QAM	1	0	22.38	22.52	22.40	23.30	
		1	7	22.36	22.56	22.42	23.30	
		1	14	22.38	22.49	22.38	23.30	
		8	0	21.39	21.59	21.39	22.30	
		8	4	21.38	21.51	21.37	22.30	
		8	7	21.42	21.47	21.35	22.30	
		15	0	21.35	21.56	21.37	22.30	
	64QAM	1	0	21.39	21.47	21.35	22.30	
		1	7	21.43	21.51	21.36	22.30	
		1	14	21.39	21.52	21.35	22.30	
		8	0	20.38	20.54	20.27	21.30	
		8	4	20.34	20.50	20.36	21.30	
8		7	20.37	20.48	20.31	21.30		
		15	0	20.37	20.60	20.32	21.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	23.33	23.42	23.30	24.30	
		1	13	23.34	23.39	23.28	24.30	
		1	24	23.30	23.26	23.27	24.30	
		12	0	22.32	22.34	22.29	23.30	
		12	6	22.18	22.27	22.31	23.30	
		12	13	22.21	22.26	22.35	23.30	
	16QAM	25	0	22.26	22.47	22.27	23.30	
		1	0	22.29	22.40	22.26	23.30	
		1	13	22.25	22.48	22.34	23.30	
		1	24	22.25	22.36	22.29	23.30	
		12	0	21.28	21.46	21.27	22.30	
		12	6	21.24	21.40	21.29	22.30	
	64QAM	12	13	21.31	21.39	21.24	22.30	
		25	0	21.23	21.48	21.29	22.30	
		1	0	21.27	21.34	21.21	22.30	
		1	13	21.35	21.37	21.22	22.30	
		1	24	21.29	21.37	21.25	22.30	
		12	0	20.29	20.41	20.14	21.30	
	12	6	20.21	20.39	20.24	21.30		
	12	13	20.26	20.37	20.19	21.30		
	25	0	20.22	20.46	20.20	21.30		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	1	0	23.30	23.44	23.26	24.30
1			25	23.30	23.33	23.28	24.30	
1			49	23.28	23.28	23.31	24.30	
25			0	22.31	22.33	22.34	23.30	
25			13	22.17	22.24	22.27	23.30	
25			25	22.28	22.27	22.33	23.30	
16QAM		50	0	22.31	22.46	22.28	23.30	
		1	0	22.28	22.40	22.28	23.30	
		1	25	22.28	22.46	22.32	23.30	
		1	49	22.24	22.35	22.27	23.30	
		25	0	21.31	21.46	21.25	22.30	
		25	13	21.26	21.36	21.27	22.30	
64QAM		25	25	21.30	21.36	21.22	22.30	
		50	0	21.20	21.47	21.26	22.30	
		1	0	21.31	21.34	21.24	22.30	
		1	25	21.32	21.42	21.23	22.30	
		1	49	21.27	21.42	21.24	22.30	
		25	0	20.27	20.42	20.17	21.30	
	25	13	20.21	20.39	20.26	21.30		
	25	25	20.22	20.36	20.16	21.30		
	50	0	20.23	20.45	20.18	21.30		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132047	132322	132597	
	15MHz	QPSK	1	0	23.33	23.39	23.28	24.30
1			38	23.27	23.40	23.28	24.30	
1			74	23.25	23.30	23.30	24.30	
36			0	22.31	22.33	22.29	23.30	
36			18	22.18	22.31	22.30	23.30	

		36	39	22.25	22.23	22.37	23.30
		75	0	22.26	22.44	22.28	23.30
	16QAM	1	0	22.24	22.44	22.29	23.30
		1	38	22.25	22.46	22.33	23.30
		1	74	22.28	22.39	22.28	23.30
		36	0	21.25	21.48	21.27	22.30
		36	18	21.24	21.38	21.25	22.30
		36	39	21.30	21.35	21.27	22.30
		75	0	21.26	21.42	21.23	22.30
	64QAM	1	0	21.25	21.32	21.24	22.30
		1	38	21.33	21.37	21.23	22.30
		1	74	21.31	21.40	21.20	22.30
		36	0	20.24	20.42	20.19	21.30
		36	18	20.24	20.37	20.26	21.30
		36	39	20.24	20.34	20.19	21.30
		75	0	20.29	20.50	20.21	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.64	23.69	23.66	24.30
		1	50	23.29	23.34	23.32	24.30
		1	99	23.29	23.28	23.29	24.30
		50	0	22.36	22.43	22.38	23.30
		50	25	22.23	22.29	22.29	23.30
		50	50	22.22	22.22	22.37	23.30
		100	0	22.30	22.41	22.27	23.30
	16QAM	1	0	22.25	22.41	22.32	23.30
		1	50	22.24	22.41	22.32	23.30
		1	99	22.26	22.40	22.30	23.30
		50	0	21.24	21.45	21.27	22.30
		50	25	21.26	21.40	21.29	22.30
		50	50	21.33	21.34	21.20	22.30
		100	0	21.27	21.47	21.22	22.30
	64QAM	1	0	21.27	21.39	21.27	22.30
		1	50	21.33	21.38	21.28	22.30
		1	99	21.25	21.38	21.25	22.30
		50	0	20.30	20.40	20.15	21.30
		50	25	20.22	20.39	20.24	21.30
		50	50	20.22	20.38	20.21	21.30
		100	0	20.29	20.47	20.19	21.30

LTE Band 66 state3&5&8&10&13&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.08	23.22	23.10	23.80
		1	2	23.07	23.12	23.08	23.80
		1	5	23.08	23.10	23.13	23.80
		3	0	23.11	23.12	23.16	23.80
		3	1	23.07	23.10	23.13	23.80
		3	3	23.12	23.09	23.13	23.80
		6	0	22.10	22.23	22.06	23.30
	16QAM	1	0	22.06	22.19	22.07	23.30
		1	2	22.07	22.22	22.08	23.30
		1	5	22.11	22.19	22.09	23.30
		3	0	22.03	22.24	22.08	23.30
		3	1	22.07	22.22	22.04	23.30
		3	3	22.09	22.20	22.09	23.30
		6	0	21.08	21.22	21.08	22.30
	64QAM	1	0	21.05	21.15	21.03	22.30
		1	2	21.07	21.19	21.01	22.30
		1	5	21.04	21.21	21.02	22.30
		3	0	21.04	21.24	21.01	22.30
		3	1	21.04	21.21	21.07	22.30
		3	3	21.10	21.22	21.03	22.30
		6	0	20.02	20.23	20.05	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.09	23.25	23.12	23.80
		1	7	23.08	23.12	23.10	23.80

		1	14	23.09	23.09	23.12	23.80
		8	0	23.11	23.12	23.16	23.30
		8	4	23.07	23.14	23.13	23.30
		8	7	23.11	23.10	23.13	23.30
		15	0	22.10	22.25	22.09	23.30
	16QAM	1	0	22.07	22.15	22.04	23.30
		1	7	22.09	22.20	22.09	23.30
		1	14	22.08	22.19	22.10	23.30
		8	0	22.07	22.25	22.05	22.30
		8	4	22.06	22.21	22.03	22.30
	64QAM	8	7	22.09	22.21	22.06	22.30
		15	0	21.09	21.23	21.04	22.30
		1	0	21.03	21.15	21.04	22.30
		1	7	21.11	21.17	21.05	22.30
		1	14	21.07	21.19	21.01	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.11	23.24	23.09	23.80
		1	13	23.06	23.14	23.12	23.80
		1	24	23.06	23.09	23.12	23.80
		12	0	23.12	23.13	23.16	23.30
		12	6	23.08	23.13	23.13	23.30
		12	13	23.11	23.11	23.12	23.30
	16QAM	25	0	22.11	22.24	22.09	23.30
		1	0	22.07	22.19	22.04	23.30
		1	13	22.09	22.20	22.10	23.30
		1	24	22.12	22.20	22.10	23.30
		12	0	22.04	22.23	22.05	22.30
		12	6	22.08	22.26	22.08	22.30
	64QAM	12	13	22.08	22.20	22.08	22.30
		25	0	21.05	21.23	21.08	22.30
		1	0	21.02	21.15	20.99	22.30
		1	13	21.08	21.16	21.01	22.30
		1	24	21.04	21.21	21.03	22.30
		12	0	21.07	21.25	21.03	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.08	23.24	23.08	23.80
		1	25	23.05	23.14	23.09	23.80
		1	49	23.10	23.13	23.12	23.80
		25	0	23.07	23.15	23.14	23.30
		25	13	23.08	23.14	23.13	23.30
		25	25	23.11	23.10	23.12	23.30
	16QAM	50	0	22.10	22.25	22.10	23.30
		1	0	22.08	22.18	22.04	23.30
		1	25	22.07	22.21	22.07	23.30
		1	49	22.07	22.17	22.06	23.30
		25	0	22.03	22.22	22.08	22.30
		25	13	22.09	22.22	22.06	22.30
	64QAM	25	25	22.10	22.25	22.08	22.30
		50	0	21.05	21.23	21.06	22.30
		1	0	21.05	21.16	21.04	22.30
		1	25	21.08	21.16	21.02	22.30
		1	49	21.06	21.18	21.05	22.30
		25	0	21.07	21.25	21.01	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.12	23.23	23.11	23.80
		1	38	23.09	23.14	23.10	23.80
		1	74	23.06	23.12	23.11	23.80

		36	0	23.08	23.14	23.16	23.30
		36	18	23.08	23.09	23.13	23.30
		36	39	23.11	23.12	23.11	23.30
		75	0	22.11	22.27	22.06	23.30
	16QAM	1	0	22.03	22.18	22.07	23.30
		1	38	22.06	22.23	22.06	23.30
		1	74	22.10	22.19	22.06	23.30
		36	0	22.05	22.24	22.04	22.30
		36	18	22.04	22.24	22.05	22.30
		36	39	22.09	22.21	22.08	22.30
		75	0	21.05	21.24	21.04	22.30
		1	0	21.04	21.15	21.04	22.30
	64QAM	1	38	21.11	21.15	21.00	22.30
		1	74	21.06	21.17	21.02	22.30
		36	0	21.08	21.26	20.99	21.30
		36	18	21.05	21.24	21.06	21.30
		36	39	21.11	21.25	21.03	21.30
		75	0	20.04	20.27	20.03	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.23	23.28	23.22	23.80
		1	50	22.87	22.93	22.90	23.80
		1	99	22.87	22.88	22.89	23.80
		50	0	21.95	22.02	21.94	23.30
		50	25	21.80	21.85	21.88	23.30
		50	50	21.81	21.79	21.93	23.30
	16QAM	100	0	21.88	22.00	21.85	23.30
		1	0	21.80	22.00	21.89	23.30
		1	50	21.81	22.00	21.88	23.30
		1	99	21.85	22.00	21.88	23.30
		50	0	20.84	21.05	20.84	22.30
		50	25	20.84	20.95	20.84	22.30
	64QAM	50	50	20.92	20.92	20.76	22.30
		100	0	20.84	21.06	20.79	22.30
		1	0	20.86	20.98	20.86	22.30
		1	50	20.89	20.93	20.88	22.30
		1	99	20.81	20.96	20.82	22.30
		50	0	19.89	19.96	19.73	21.30
		50	25	19.81	19.95	19.79	21.30
		50	50	19.81	19.93	19.77	21.30
		100	0	19.87	20.05	19.74	21.30

LTE Band 38 state3&5&8&10&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.83	23.94	23.79	24.30
		1	13	23.84	23.81	23.82	24.30
		1	24	23.84	23.83	23.85	24.30
		12	0	22.81	22.91	22.79	23.30
		12	6	22.81	22.91	22.77	23.30
		12	13	22.80	22.94	22.80	23.30
	16QAM	25	0	22.79	22.95	22.81	23.30
		1	0	22.79	22.92	22.79	23.30
		1	13	22.85	22.95	22.76	23.30
		1	24	22.82	22.91	22.74	23.30
		12	0	21.83	21.87	21.81	22.30
		12	6	21.79	21.90	21.78	22.30
	64QAM	12	13	21.78	21.91	21.81	22.30
		25	0	21.80	21.91	21.77	22.30
		1	0	21.75	21.92	21.76	22.30
		1	13	21.85	21.90	21.71	22.30
		1	24	21.84	21.91	21.76	22.30
		12	0	20.80	20.83	20.81	21.30
		12	6	20.74	20.92	20.75	21.30
		12	13	20.73	20.87	20.80	21.30
		25	0	20.77	20.87	20.73	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	

10MHz	QPSK	1	0	23.72	23.80	23.66	24.30
		1	25	23.71	23.73	23.67	24.30
		1	49	23.76	23.74	23.76	24.30
		25	0	22.73	22.78	22.69	23.30
		25	13	22.72	22.80	22.69	23.30
		25	25	22.68	22.80	22.68	23.30
	16QAM	50	0	22.69	22.84	22.68	23.30
		1	0	22.70	22.78	22.67	23.30
		1	25	22.75	22.84	22.68	23.30
		1	49	22.70	22.77	22.59	23.30
		25	0	21.75	21.78	21.66	22.30
		25	13	21.69	21.80	21.70	22.30
	64QAM	25	25	21.70	21.83	21.69	22.30
		50	0	21.68	21.80	21.67	22.30
		1	0	21.67	21.84	21.64	22.30
		1	25	21.76	21.82	21.56	22.30
		1	49	21.73	21.76	21.63	22.30
		25	0	20.68	20.75	20.68	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.72	23.83	23.68	24.30
		1	38	23.70	23.72	23.67	24.30
		1	74	23.69	23.73	23.73	24.30
		36	0	22.73	22.78	22.67	23.30
		36	18	22.71	22.79	22.63	23.30
		36	39	22.72	22.83	22.72	23.30
	16QAM	75	0	22.66	22.86	22.70	23.30
		1	0	22.71	22.78	22.70	23.30
		1	38	22.73	22.87	22.61	23.30
		1	74	22.68	22.81	22.62	23.30
		36	0	21.73	21.77	21.68	22.30
		36	18	21.68	21.78	21.70	22.30
	64QAM	36	39	21.69	21.82	21.67	22.30
		75	0	21.69	21.78	21.64	22.30
		1	0	21.62	21.84	21.64	22.30
		1	38	21.75	21.75	21.61	22.30
		1	74	21.74	21.82	21.62	22.30
		36	0	20.72	20.68	20.70	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	23.95	/	24.30
		1	50	/	23.67	/	24.30
		1	99	/	23.69	/	24.30
		50	0	/	22.83	/	23.30
		50	25	/	22.78	/	23.30
		50	50	/	22.83	/	23.30
	16QAM	100	0	/	22.81	/	23.30
		1	0	/	22.79	/	23.30
		1	50	/	22.82	/	23.30
		1	99	/	22.81	/	23.30
		50	0	/	21.76	/	22.30
		50	25	/	21.78	/	22.30
	64QAM	50	50	/	21.79	/	22.30
		100	0	/	21.76	/	22.30
		1	0	/	21.78	/	22.30
		1	50	/	21.79	/	22.30
		1	99	/	21.80	/	22.30
		50	0	/	20.72	/	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20.77	/	
				/	20.79	/	21.30
				/	20.77	/	21.30

LTE Band 38 state13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.31	23.42	23.27	23.80
		1	13	23.33	23.31	23.31	23.80
		1	24	23.34	23.34	23.30	23.80
		12	0	22.67	22.83	22.64	23.30
		12	6	22.66	22.76	22.68	23.30
		12	13	22.69	22.82	22.65	23.30
	16QAM	25	0	22.66	22.85	22.73	23.30
		1	0	22.68	22.80	22.70	23.30
		1	13	22.77	22.80	22.63	23.30
		1	24	22.69	22.78	22.64	23.30
		12	0	21.69	21.75	21.71	22.30
		12	6	21.71	21.80	21.68	22.30
	64QAM	12	13	21.67	21.78	21.67	22.30
		25	0	21.68	21.80	21.66	22.30
		1	0	21.64	21.82	21.66	22.30
		1	13	21.70	21.79	21.58	22.30
		1	24	21.71	21.82	21.65	22.30
		12	0	20.70	20.75	20.73	21.30
		12	6	20.60	20.81	20.66	21.30
		12	13	20.64	20.78	20.70	21.30
		25	0	20.63	20.77	20.63	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.21	23.31	23.16	23.80
		1	25	23.24	23.21	23.17	23.80
		1	49	23.20	23.22	23.21	23.80
		25	0	22.53	22.70	22.56	23.30
		25	13	22.54	22.64	22.55	23.30
		25	25	22.57	22.69	22.50	23.30
	16QAM	50	0	22.53	22.70	22.60	23.30
		1	0	22.57	22.70	22.55	23.30
		1	25	22.65	22.68	22.54	23.30
		1	49	22.55	22.69	22.52	23.30
		25	0	21.58	21.63	21.59	22.30
		25	13	21.57	21.72	21.55	22.30
	64QAM	25	25	21.54	21.69	21.56	22.30
		50	0	21.53	21.68	21.53	22.30
		1	0	21.52	21.70	21.58	22.30
		1	25	21.59	21.69	21.47	22.30
		1	49	21.57	21.73	21.55	22.30
		25	0	20.61	20.61	20.59	21.30
		25	13	20.51	20.66	20.54	21.30
		25	25	20.52	20.68	20.55	21.30
		50	0	20.53	20.68	20.50	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.19	23.27	23.18	23.80
		1	38	23.23	23.22	23.22	23.80
		1	74	23.20	23.19	23.21	23.80
		36	0	22.52	22.71	22.56	23.30
		36	18	22.56	22.61	22.59	23.30
		36	39	22.55	22.68	22.56	23.30
	16QAM	75	0	22.56	22.71	22.64	23.30
		1	0	22.54	22.68	22.61	23.30
		1	38	22.65	22.68	22.51	23.30
		1	74	22.56	22.65	22.55	23.30
		36	0	21.58	21.62	21.62	22.30
		36	18	21.59	21.68	21.54	22.30
	64QAM	36	39	21.55	21.69	21.56	22.30
		75	0	21.53	21.71	21.56	22.30
		1	0	21.49	21.72	21.52	22.30
		1	38	21.60	21.70	21.47	22.30
		1	74	21.62	21.72	21.51	22.30
		36	0	20.62	20.62	20.63	21.30
		36	18	20.49	20.72	20.55	21.30
		36	39	20.52	20.70	20.56	21.30

Bandwidth	Modulation	75	0	20.53	20.69	20.51	21.30
		RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	/	38000	/	23.80
		1	50	/	23.17	/	23.80
		1	99	/	23.20	/	23.80
		50	0	/	22.75	/	23.30
		50	25	/	22.64	/	23.30
		50	50	/	22.73	/	23.30
		100	0	/	22.71	/	23.30
	16QAM	1	0	/	22.70	/	23.30
		1	50	/	22.69	/	23.30
		1	99	/	22.65	/	23.30
		50	0	/	21.64	/	22.30
		50	25	/	21.70	/	22.30
		50	50	/	21.67	/	22.30
		100	0	/	21.67	/	22.30
	64QAM	1	0	/	21.67	/	22.30
		1	50	/	21.69	/	22.30
		1	99	/	21.71	/	22.30
		50	0	/	20.61	/	21.30
		50	25	/	20.70	/	21.30
		50	50	/	20.69	/	21.30
		100	0	/	20.66	/	21.30

LTE Band 41 2496 - 2690 state3&5&8&10&13&15				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	23.76	23.77	23.79	23.76	23.76	24.30
		1	13	23.75	23.75	23.73	23.79	23.77	24.30
		1	24	23.73	23.78	23.76	23.73	23.76	24.30
		12	0	22.64	22.60	22.77	22.64	22.61	23.30
		12	6	22.62	22.62	22.76	22.60	22.57	23.30
		12	13	22.64	22.64	22.74	22.58	22.62	23.30
		25	0	22.62	22.64	22.76	22.60	22.59	23.30
	16QAM	1	0	22.68	22.69	22.78	22.63	22.65	23.30
		1	13	22.60	22.66	22.78	22.61	22.62	23.30
		1	24	22.65	22.61	22.77	22.63	22.67	23.30
		12	0	21.66	21.61	21.76	21.66	21.62	22.30
		12	6	21.58	21.60	21.76	21.61	21.55	22.30
		12	13	21.62	21.61	21.74	21.54	21.64	22.30
		25	0	21.62	21.62	21.73	21.60	21.60	22.30
	64QAM	1	0	21.69	21.65	21.79	21.64	21.67	22.30
		1	13	21.56	21.68	21.77	21.58	21.59	22.30
		1	24	21.66	21.59	21.77	21.60	21.66	22.30
		12	0	20.67	20.57	20.78	20.65	20.59	21.30
		12	6	20.59	20.60	20.74	20.62	20.56	21.30
		12	13	20.58	20.63	20.74	20.51	20.61	21.30
		25	0	20.60	20.63	20.73	20.56	20.60	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	23.63	23.62	23.79	23.61	23.66	24.30
		1	25	23.61	23.64	23.61	23.66	23.67	24.30
		1	49	23.65	23.70	23.66	23.60	23.64	24.30
		25	0	22.52	22.47	22.64	22.56	22.51	23.30
		25	13	22.53	22.54	22.67	22.51	22.48	23.30
		25	25	22.51	22.50	22.63	22.50	22.51	23.30
		50	0	22.54	22.49	22.62	22.52	22.46	23.30
	16QAM	1	0	22.58	22.55	22.64	22.52	22.53	23.30
		1	25	22.48	22.58	22.66	22.48	22.47	23.30
		1	49	22.51	22.48	22.64	22.52	22.59	23.30
		25	0	21.56	21.52	21.63	21.57	21.52	22.30
		25	13	21.45	21.50	21.64	21.53	21.41	22.30
		25	25	21.47	21.49	21.61	21.45	21.53	22.30
		50	0	21.47	21.49	21.63	21.47	21.46	22.30
	64QAM	1	0	21.58	21.56	21.64	21.55	21.56	22.30
		1	25	21.46	21.60	21.69	21.44	21.47	22.30
		1	49	21.57	21.48	21.66	21.47	21.58	22.30

		25	0	20.54	20.43	20.63	20.53	20.49	21.30
		25	13	20.46	20.52	20.62	20.54	20.46	21.30
		25	25	20.50	20.52	20.65	20.38	20.51	21.30
		50	0	20.45	20.52	20.63	20.48	20.50	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.65	23.64	23.74	23.67	23.65	24.30
		1	38	23.64	23.65	23.58	23.69	23.69	24.30
		1	74	23.61	23.64	23.64	23.64	23.66	24.30
		36	0	22.49	22.47	22.69	22.51	22.53	23.30
		36	18	22.48	22.48	22.65	22.51	22.46	23.30
		36	39	22.54	22.52	22.62	22.50	22.52	23.30
	16QAM	75	0	22.52	22.56	22.64	22.52	22.46	23.30
		1	0	22.54	22.56	22.64	22.49	22.52	23.30
		1	38	22.47	22.53	22.63	22.53	22.53	23.30
		1	74	22.54	22.46	22.67	22.50	22.55	23.30
		36	0	21.52	21.46	21.67	21.58	21.51	22.30
		36	18	21.45	21.45	21.63	21.49	21.44	22.30
	64QAM	36	39	21.54	21.50	21.64	21.44	21.52	22.30
		75	0	21.49	21.49	21.64	21.48	21.51	22.30
		1	0	21.60	21.53	21.64	21.52	21.55	22.30
		1	38	21.43	21.56	21.68	21.49	21.49	22.30
		1	74	21.54	21.45	21.66	21.46	21.51	22.30
		36	0	20.57	20.42	20.68	20.55	20.51	21.30
20MHz	QPSK	36	18	20.47	20.46	20.66	20.49	20.42	21.30
		36	39	20.44	20.50	20.63	20.42	20.50	21.30
		75	0	20.46	20.51	20.62	20.47	20.49	21.30
	16QAM	1	0	23.75	23.74	23.81	23.78	23.73	24.30
		1	50	23.62	23.67	23.59	23.64	23.69	24.30
		1	99	23.59	23.68	23.67	23.60	23.64	24.30
	64QAM	50	0	22.51	22.51	22.67	22.52	22.47	23.30
		50	25	22.54	22.47	22.64	22.48	22.45	23.30
		50	50	22.53	22.55	22.66	22.50	22.49	23.30
	QPSK	100	0	22.52	22.50	22.67	22.51	22.49	23.30
		1	0	22.57	22.61	22.70	22.54	22.51	23.30
		1	50	22.52	22.58	22.66	22.51	22.53	23.30
	16QAM	1	99	22.57	22.47	22.62	22.53	22.56	23.30
		50	0	21.56	21.49	21.66	21.56	21.48	22.30
		50	25	21.49	21.47	21.62	21.49	21.43	22.30
	64QAM	50	50	21.54	21.53	21.60	21.40	21.51	22.30
		100	0	21.53	21.53	21.65	21.51	21.51	22.30
		1	0	21.58	21.52	21.70	21.55	21.56	22.30
		1	50	21.42	21.56	21.62	21.44	21.47	22.30
		1	99	21.58	21.48	21.65	21.50	21.58	22.30
		50	0	20.54	20.47	20.66	20.52	20.47	21.30
	QPSK	50	25	20.50	20.47	20.63	20.49	20.45	21.30
		50	50	20.46	20.54	20.65	20.36	20.49	21.30
		100	0	20.50	20.50	20.64	20.43	20.50	21.30
		100	0	20.50	20.50	20.64	20.43	20.50	21.30

LTE Band 41 2496 - 2690 state3&5&8&10&13&15				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	23.33	23.34	23.38	23.34	23.34	23.80
		1	13	23.34	23.32	23.32	23.34	23.36	23.80
		1	24	23.31	23.37	23.34	23.32	23.31	23.80
		12	0	22.23	22.18	22.36	22.20	22.19	23.30
		12	6	22.19	22.18	22.36	22.16	22.13	23.30
		12	13	22.21	22.20	22.33	22.15	22.19	23.30
	16QAM	25	0	22.17	22.23	22.36	22.20	22.15	23.30
		1	0	22.23	22.28	22.38	22.18	22.22	23.30
		1	13	22.19	22.24	22.35	22.20	22.17	23.30
		1	24	22.22	22.18	22.33	22.22	22.24	23.30
		12	0	21.22	21.17	21.32	21.25	21.19	22.30
		12	6	21.13	21.19	21.32	21.19	21.14	22.30
		12	13	21.21	21.19	21.30	21.11	21.20	22.30
		25	0	21.21	21.21	21.28	21.19	21.18	22.30

	64QAM	1	0	21.27	21.23	21.35	21.20	21.25	22.30
		1	13	21.16	21.27	21.33	21.18	21.14	22.30
		1	24	21.21	21.17	21.36	21.20	21.23	22.30
		12	0	20.23	20.17	20.36	20.22	20.16	21.30
		12	6	20.17	20.15	20.33	20.20	20.16	21.30
		12	13	20.14	20.20	20.34	20.10	20.18	21.30
		25	0	20.18	20.19	20.31	20.12	20.15	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	23.18	23.18	23.35	23.17	23.23	23.80
		1	25	23.17	23.20	23.17	23.24	23.27	23.80
		1	49	23.22	23.29	23.23	23.17	23.20	23.80
		25	0	22.07	22.04	22.22	22.14	22.10	23.30
		25	13	22.12	22.10	22.22	22.08	22.04	23.30
		25	25	22.07	22.09	22.21	22.06	22.09	23.30
	16QAM	50	0	22.11	22.06	22.22	22.11	22.05	23.30
		1	0	22.17	22.14	22.21	22.10	22.13	23.30
		1	25	22.07	22.13	22.21	22.04	22.04	23.30
		1	49	22.10	22.07	22.20	22.09	22.18	23.30
		25	0	21.11	21.10	21.23	21.15	21.11	22.30
		25	13	21.01	21.07	21.22	21.09	20.98	22.30
	64QAM	25	25	21.03	21.09	21.19	21.04	21.10	22.30
		50	0	21.04	21.07	21.20	21.05	21.06	22.30
		1	0	21.14	21.11	21.20	21.14	21.14	22.30
		1	25	21.03	21.20	21.24	21.00	21.05	22.30
		1	49	21.17	21.06	21.24	21.07	21.18	22.30
		25	0	20.13	19.98	20.19	20.13	20.06	21.30
Bandwidth	Modulation	25	13	20.05	20.08	20.17	20.10	20.05	21.30
		25	25	20.06	20.08	20.24	19.95	20.08	21.30
		50	0	20.03	20.09	20.18	20.03	20.08	21.30
		Channel	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
		39725	40173	40620	41068	41515			
		1	0	23.20	23.17	23.34	23.17	23.25	23.80
		1	38	23.20	23.24	23.17	23.23	23.26	23.80
15MHz	QPSK	1	74	23.21	23.27	23.26	23.16	23.23	23.80
		36	0	22.09	22.06	22.21	22.12	22.10	23.30
		36	18	22.08	22.10	22.26	22.07	22.06	23.30
		36	39	22.06	22.07	22.20	22.05	22.08	23.30
		75	0	22.10	22.08	22.17	22.11	22.05	23.30
		1	0	22.18	22.15	22.20	22.08	22.12	23.30
	16QAM	1	38	22.05	22.14	22.23	22.06	22.05	23.30
		1	74	22.08	22.07	22.22	22.11	22.16	23.30
		36	0	21.11	21.09	21.20	21.13	21.09	22.30
		36	18	21.01	21.08	21.21	21.13	20.98	22.30
		36	39	21.03	21.06	21.21	21.03	21.10	22.30
		75	0	21.02	21.06	21.23	21.05	21.02	22.30
	64QAM	1	0	21.16	21.16	21.22	21.11	21.14	22.30
		1	38	21.05	21.18	21.25	21.03	21.06	22.30
		1	74	21.14	21.06	21.22	21.05	21.16	22.30
		36	0	20.14	20.00	20.21	20.11	20.09	21.30
		36	18	20.03	20.10	20.20	20.11	20.01	21.30
		36	39	20.10	20.07	20.23	19.95	20.10	21.30
Bandwidth	Modulation	75	0	20.04	20.11	20.20	20.05	20.07	21.30
		Channel	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
		39750	40185	40620	41055	41490			
		1	0	23.33	23.32	23.39	23.35	23.29	23.80
		1	50	23.19	23.26	23.15	23.21	23.29	23.80
		1	99	23.17	23.23	23.23	23.18	23.22	23.80
		50	0	22.10	22.07	22.24	22.10	22.03	23.30
20MHz	QPSK	50	25	22.14	22.07	22.20	22.05	22.02	23.30
		50	50	22.10	22.13	22.24	22.08	22.08	23.30
		100	0	22.10	22.10	22.26	22.07	22.04	23.30
	16QAM	1	0	22.16	22.17	22.26	22.13	22.08	23.30
		1	50	22.09	22.15	22.21	22.10	22.11	23.30
		1	99	22.13	22.03	22.22	22.13	22.16	23.30
		50	0	21.15	21.07	21.22	21.12	21.07	22.30
		50	25	21.09	21.05	21.20	21.07	21.02	22.30
		50	50	21.11	21.13	21.17	20.99	21.07	22.30
		100	0	21.10	21.09	21.23	21.06	21.11	22.30
	64QAM	1	0	21.15	21.09	21.29	21.14	21.11	22.30



		1	50	20.98	21.14	21.22	21.03	21.07	22.30
		1	99	21.17	21.06	21.22	21.10	21.16	22.30
		50	0	20.09	20.05	20.25	20.11	20.03	21.30
		50	25	20.08	20.04	20.21	20.08	20.04	21.30
		50	50	20.03	20.12	20.20	19.92	20.07	21.30
		100	0	20.07	20.07	20.20	20.00	20.07	21.30

1.6 Conducted Power of Legacy (Ant5)

LTE Band 48 state5&10&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	24.09	24.25	24.10	24.50
		1	13	24.09	24.06	24.08	24.50
		1	24	23.99	24.08	24.03	24.50
		12	0	22.99	23.20	23.08	23.50
		12	6	22.97	23.17	23.06	23.50
		12	13	23.06	23.18	23.09	23.50
	16QAM	25	0	23.02	23.21	23.10	23.50
		1	0	23.11	23.19	23.16	23.50
		1	13	23.00	23.14	23.01	23.50
		1	24	23.01	23.18	23.05	23.50
		12	0	21.92	22.05	22.00	22.50
		12	6	22.06	22.16	21.99	22.50
	64QAM	12	13	21.94	22.25	22.09	22.50
		25	0	22.02	22.16	22.13	22.50
		1	0	22.04	22.11	22.07	22.50
		1	13	21.98	22.16	22.06	22.50
		1	24	22.06	22.24	22.08	22.50
		12	0	20.99	21.08	20.98	21.50
10MHz	QPSK	12	6	21.02	21.11	21.06	21.50
		12	13	20.93	21.17	21.08	21.50
		25	0	21.09	21.18	21.12	21.50
	16QAM	1	0	23.94	24.04	24.00	24.50
		1	25	24.05	23.98	23.96	24.50
		1	49	23.93	23.96	23.97	24.50
	64QAM	25	0	22.92	23.05	22.93	23.50
		25	13	22.83	23.03	23.04	23.50
		25	25	22.87	23.08	22.99	23.50
		50	0	22.95	23.09	23.07	23.50
	16QAM	1	0	23.01	23.00	22.96	23.50
		1	25	22.88	23.08	22.92	23.50
		1	49	22.92	23.07	22.93	23.50
		25	0	21.92	21.97	21.90	22.50
		25	13	21.97	22.07	21.97	22.50
		25	25	21.88	22.08	22.03	22.50
15MHz	QPSK	50	0	21.97	22.03	21.97	22.50
		1	0	22.02	22.03	21.98	22.50
		1	25	21.91	22.08	21.95	22.50
		1	49	21.91	22.05	21.95	22.50
		25	0	20.79	20.97	20.91	21.50
		25	13	20.88	20.99	20.91	21.50
	16QAM	25	25	20.76	21.05	21.00	21.50
		50	0	20.94	21.02	21.00	21.50
		1	0	24.00	24.15	24.01	24.50
		1	38	24.03	23.93	24.00	24.50
		1	74	23.91	23.96	24.00	24.50
		36	0	22.99	23.02	23.01	23.50
	64QAM	36	18	22.97	22.99	22.87	23.50
		36	39	22.94	23.15	23.00	23.50
		75	0	22.99	23.09	22.98	23.50
		1	0	23.05	22.98	23.03	23.50
		1	38	22.89	23.14	22.98	23.50
		1	74	22.98	23.07	22.88	23.50
20MHz	QPSK	36	0	21.94	21.98	21.85	22.50
		36	18	21.87	22.05	21.90	22.50
		36	39	21.86	22.09	22.02	22.50
		75	0	21.96	22.10	22.02	22.50
		1	0	21.92	21.95	22.04	22.50
		1	38	21.94	22.07	21.89	22.50
	16QAM	1	74	21.89	22.07	21.98	22.50
		1	0	24.00	24.15	24.01	24.50
		1	38	24.03	23.93	24.00	24.50
		1	74	23.91	23.96	24.00	24.50
		36	0	22.99	23.02	23.01	23.50
		36	18	22.97	22.99	22.87	23.50
	64QAM	36	39	22.94	23.15	23.00	23.50
		75	0	22.99	23.09	22.98	23.50
		1	0	23.05	22.98	23.03	23.50
		1	38	22.89	23.14	22.98	23.50
		1	74	22.98	23.07	22.88	23.50
		36	0	21.94	21.98	21.85	22.50
25MHz	QPSK	36	18	21.87	22.05	21.90	22.50
		36	39	21.86	22.09	22.02	22.50
		75	0	21.96	22.10	22.02	22.50
		1	0	21.92	21.95	22.04	22.50
		1	38	21.94	22.07	21.89	22.50
		1	74	21.89	22.07	21.98	22.50
	16QAM	1	0	24.00	24.15	24.01	24.50
		1	38	24.03	23.93	24.00	24.50
		1	74	23.91	23.96	24.00	24.50
		36	0	22.99	23.02	23.01	23.50
		36	18	22.97	22.99	22.87	23.50
		36	39	22.94	23.15	23.00	23.50
	64QAM	75	0	22.99	23.09	22.98	23.50
		1	0	23.05	22.98	23.03	23.50
		1	38	22.89	23.14	22.98	23.50
		1	74	22.98	23.07	22.88	23.50
		36	0	21.94	21.98	21.85	22.50
		36	18	21.87	22.05	21.90	22.50

		36	0	20.85	21.01	20.91	21.50
		36	18	20.88	20.99	20.87	21.50
		36	39	20.85	21.10	21.08	21.50
		75	0	20.88	21.03	20.95	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	24.28	24.33	24.22	24.50
		1	50	23.98	23.94	23.99	24.50
		1	99	23.88	24.02	23.94	24.50
		50	0	23.23	23.37	23.25	23.50
		50	25	22.83	23.04	23.01	23.50
		50	50	22.87	23.02	22.94	23.50
		100	0	22.91	23.16	23.06	23.50
	16QAM	1	0	22.96	23.03	23.08	23.50
		1	50	22.95	23.12	22.99	23.50
		1	99	22.86	23.11	22.96	23.50
		50	0	21.77	22.04	21.89	22.50
		50	25	21.91	22.04	21.93	22.50
		50	50	21.86	22.15	21.99	22.50
		100	0	21.90	22.11	21.92	22.50
	64QAM	1	0	21.91	22.00	21.98	22.50
		1	50	21.99	22.11	21.88	22.50
		1	99	21.87	22.04	21.95	22.50
		50	0	20.84	20.90	20.89	21.50
		50	25	20.84	21.00	20.92	21.50
		50	50	20.79	21.13	21.01	21.50
		100	0	20.94	21.07	20.96	21.50

LTE Band 48 state3&8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	19.57	19.75	19.64	20.00
		1	13	19.69	19.58	19.68	20.00
		1	24	19.65	19.61	19.61	20.00
		12	0	19.54	19.59	19.60	20.00
		12	6	19.59	19.72	19.50	20.00
		12	13	19.54	19.72	19.61	20.00
		25	0	19.58	19.65	19.58	20.00
	16QAM	1	0	19.56	19.66	19.52	20.00
		1	13	19.54	19.69	19.62	20.00
		1	24	19.52	19.70	19.52	20.00
		12	0	19.43	19.58	19.46	20.00
		12	6	19.42	19.75	19.52	20.00
		12	13	19.45	19.77	19.55	20.00
		25	0	19.52	19.64	19.51	20.00
	64QAM	1	0	19.61	19.59	19.60	20.00
		1	13	19.52	19.65	19.57	20.00
		1	24	19.54	19.68	19.48	20.00
		12	0	19.50	19.54	19.49	20.00
		12	6	19.59	19.70	19.59	20.00
		12	13	19.42	19.61	19.57	20.00
		25	0	19.56	19.67	19.64	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	19.53	19.69	19.51	20.00
		1	25	19.54	19.56	19.49	20.00
		1	49	19.48	19.54	19.48	20.00
		25	0	19.40	19.45	19.44	20.00
		25	13	19.44	19.58	19.42	20.00
		25	25	19.38	19.61	19.54	20.00
		50	0	19.46	19.55	19.55	20.00
	16QAM	1	0	19.42	19.56	19.50	20.00
		1	25	19.40	19.53	19.43	20.00
		1	49	19.43	19.56	19.51	20.00
		25	0	19.37	19.46	19.41	20.00
		25	13	19.43	19.60	19.48	20.00
		25	25	19.31	19.62	19.48	20.00
		50	0	19.43	19.54	19.48	20.00

		1	0	19.43	19.59	19.48	20.00
		1	25	19.49	19.51	19.54	20.00
		1	49	19.47	19.57	19.32	20.00
		25	0	19.40	19.33	19.45	20.00
		25	13	19.41	19.47	19.42	20.00
		25	25	19.27	19.53	19.41	20.00
		50	0	19.47	19.54	19.42	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	19.56	19.64	19.61	20.00
		1	38	19.44	19.47	19.59	20.00
		1	74	19.48	19.57	19.57	20.00
		36	0	19.50	19.47	19.53	20.00
		36	18	19.39	19.56	19.38	20.00
		36	39	19.45	19.56	19.50	20.00
		75	0	19.48	19.52	19.49	20.00
	16QAM	1	0	19.43	19.48	19.49	20.00
		1	38	19.44	19.64	19.37	20.00
		1	74	19.32	19.67	19.43	20.00
		36	0	19.26	19.49	19.41	20.00
		36	18	19.32	19.66	19.37	20.00
		36	39	19.34	19.59	19.42	20.00
		75	0	19.44	19.49	19.43	20.00
	64QAM	1	0	19.43	19.48	19.44	20.00
		1	38	19.42	19.56	19.42	20.00
		1	74	19.42	19.57	19.39	20.00
		36	0	19.37	19.40	19.40	20.00
		36	18	19.40	19.53	19.37	20.00
		36	39	19.26	19.58	19.46	20.00
		75	0	19.41	19.60	19.52	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	19.75	19.78	19.74	20.00
		1	50	19.56	19.47	19.55	20.00
		1	99	19.49	19.59	19.50	20.00
		50	0	19.64	19.69	19.67	20.00
		50	25	19.43	19.59	19.47	20.00
		50	50	19.42	19.53	19.56	20.00
		100	0	19.38	19.61	19.49	20.00
	16QAM	1	0	19.43	19.57	19.42	20.00
		1	50	19.37	19.61	19.53	20.00
		1	99	19.46	19.61	19.48	20.00
		50	0	19.29	19.52	19.33	20.00
		50	25	19.41	19.51	19.37	20.00
		50	50	19.33	19.61	19.53	20.00
		100	0	19.43	19.57	19.48	20.00
	64QAM	1	0	19.43	19.54	19.49	20.00
		1	50	19.46	19.57	19.50	20.00
		1	99	19.43	19.53	19.38	20.00
		50	0	19.38	19.32	19.34	20.00
		50	25	19.43	19.55	19.35	20.00
		50	50	19.30	19.47	19.51	20.00
		100	0	19.42	19.59	19.47	20.00

LTE Band 48 state13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	18.99	19.10	18.97	19.50
		1	13	18.98	18.87	18.95	19.50
		1	24	18.90	19.01	18.93	19.50
		12	0	18.87	18.89	18.93	19.50
		12	6	18.87	19.02	18.90	19.50
		12	13	18.85	18.94	19.01	19.50
	16QAM	25	0	18.78	19.04	18.93	19.50
		1	0	18.86	18.99	18.86	19.50
		1	13	18.81	19.02	18.94	19.50
		1	24	18.90	19.03	18.91	19.50
		12	0	18.69	18.95	18.77	19.50

	64QAM	12	6	18.85	18.95	18.81	19.50
		12	13	18.78	19.01	18.94	19.50
		25	0	18.83	19.00	18.92	19.50
		1	0	18.85	18.97	18.94	19.50
		1	13	18.86	19.01	18.93	19.50
		1	24	18.84	18.96	18.80	19.50
		12	0	18.83	18.76	18.75	19.50
		12	6	18.83	18.98	18.76	19.50
		12	13	18.72	18.88	18.92	19.50
		25	0	18.86	19.03	18.91	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	18.99	19.11	18.94	19.50
		1	25	19.01	18.89	18.98	19.50
		1	49	18.92	19.02	18.93	19.50
		25	0	18.88	18.88	18.94	19.50
		25	13	18.83	19.01	18.89	19.50
		25	25	18.84	18.96	18.98	19.50
	16QAM	50	0	18.80	19.04	18.90	19.50
		1	0	18.84	19.01	18.86	19.50
		1	25	18.78	19.01	18.97	19.50
		1	49	18.87	19.04	18.93	19.50
		25	0	18.74	18.94	18.75	19.50
		25	13	18.86	18.94	18.79	19.50
	64QAM	25	25	18.76	19.02	18.95	19.50
		50	0	18.84	18.99	18.92	19.50
		1	0	18.87	18.99	18.91	19.50
		1	25	18.90	18.99	18.91	19.50
		1	49	18.87	18.95	18.82	19.50
		25	0	18.83	18.77	18.75	19.50
15MHz	QPSK	25	13	18.88	18.97	18.79	19.50
		25	25	18.71	18.90	18.93	19.50
		50	0	18.85	19.00	18.91	19.50
	16QAM	1	0	18.99	19.12	18.98	19.50
		1	38	18.99	18.91	18.95	19.50
		1	74	18.92	19.00	18.92	19.50
	64QAM	36	0	18.85	18.91	18.90	19.50
		36	18	18.87	19.03	18.88	19.50
		36	39	18.83	18.95	18.96	19.50
	16QAM	75	0	18.81	19.05	18.92	19.50
		1	0	18.87	19.01	18.87	19.50
		1	38	18.77	19.04	18.95	19.50
		1	74	18.88	19.06	18.93	19.50
	64QAM	36	0	18.72	18.95	18.75	19.50
		36	18	18.84	18.94	18.78	19.50
		36	39	18.76	19.02	18.96	19.50
20MHz	QPSK	75	0	18.86	19.01	18.88	19.50
		1	0	18.84	18.99	18.90	19.50
		1	38	18.87	19.02	18.94	19.50
		1	74	18.88	18.94	18.82	19.50
		36	0	18.79	18.75	18.78	19.50
		36	18	18.84	18.96	18.78	19.50
	16QAM	36	39	18.72	18.88	18.94	19.50
		75	0	18.87	19.03	18.90	19.50
	QPSK	1	0	19.16	19.21	19.19	19.50
		1	50	18.98	18.91	18.97	19.50
		1	99	18.91	19.02	18.90	19.50
		50	0	19.15	19.12	19.14	19.50
		50	25	18.83	18.99	18.90	19.50
		50	50	18.83	18.97	19.01	19.50
	16QAM	100	0	18.81	19.03	18.89	19.50
		1	0	18.86	19.01	18.82	19.50
		1	50	18.81	19.05	18.97	19.50
		1	99	18.90	19.03	18.89	19.50
		50	0	18.70	18.97	18.76	19.50
		50	25	18.86	18.94	18.81	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	



		50	50	18.76	19.06	18.96	19.50
		100	0	18.84	18.97	18.91	19.50
	64QAM	1	0	18.85	18.94	18.90	19.50
		1	50	18.88	19.01	18.91	19.50
		1	99	18.87	18.95	18.79	19.50
		50	0	18.82	18.75	18.78	19.50
		50	25	18.86	18.99	18.75	19.50
		50	50	18.71	18.90	18.96	19.50
		100	0	18.86	19.01	18.87	19.50

1.7 Conducted Power of Legacy (Ant6)

LTE Band 48 state3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	20.10	20.15	19.98	20.50
		1	13	20.10	20.07	20.12	20.50
		1	24	20.00	20.02	19.87	20.50
		12	0	20.29	20.00	20.11	20.50
		12	6	20.26	20.07	20.16	20.50
		12	13	20.04	20.11	20.21	20.50
	16QAM	25	0	20.01	20.20	20.23	20.50
		1	0	20.20	20.26	20.09	20.50
		1	13	20.22	19.97	19.95	20.50
		1	24	20.01	20.03	20.08	20.50
		12	0	20.01	20.19	19.88	20.50
		12	6	20.19	20.15	20.24	20.50
	64QAM	12	13	20.01	20.17	20.19	20.50
		25	0	20.11	19.92	20.09	20.50
		1	0	20.10	20.07	20.13	20.50
		1	13	20.01	19.86	20.00	20.50
		1	24	20.16	20.04	19.84	20.50
		12	0	20.30	20.11	20.11	20.50
10MHz	QPSK	12	6	19.82	19.91	19.98	20.50
		12	13	20.28	20.10	20.31	20.50
		25	0	19.93	19.85	20.34	20.50
	16QAM	1	0	20.15	20.15	19.99	20.50
		1	25	20.11	20.12	20.12	20.50
		1	49	20.08	20.03	19.93	20.50
	64QAM	25	0	20.20	20.10	20.06	20.50
		25	13	20.26	20.07	20.12	20.50
		25	25	20.05	20.02	20.16	20.50
		50	0	19.95	20.29	20.26	20.50
		1	0	20.10	20.21	20.00	20.50
		1	25	20.20	20.03	20.04	20.50
		1	49	20.08	20.11	20.15	20.50
15MHz	QPSK	25	0	20.07	20.14	19.95	20.50
		25	13	20.14	20.18	20.19	20.50
		25	25	20.10	20.07	20.24	20.50
		50	0	20.07	19.89	20.07	20.50
	16QAM	1	0	20.06	20.14	20.23	20.50
		1	25	20.09	19.95	20.10	20.50
	64QAM	1	49	20.09	20.04	19.90	20.50
		25	0	20.20	20.14	20.21	20.50
		25	13	19.91	19.97	19.89	20.50
		25	25	20.19	20.13	20.21	20.50
		50	0	19.89	19.94	20.30	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	20.08	20.05	20.01	20.50
		1	38	20.09	20.05	20.13	20.50
		1	74	20.16	20.05	20.02	20.50
		36	0	20.18	20.05	20.00	20.50
		36	18	20.24	20.08	20.16	20.50
		36	39	20.01	19.98	20.18	20.50
	16QAM	75	0	20.03	20.21	20.21	20.50
		1	0	20.01	20.23	20.00	20.50
		1	38	20.14	20.12	20.05	20.50
		1	74	20.05	20.02	20.17	20.50
		36	0	20.03	20.13	20.00	20.50
		36	18	20.10	20.14	20.22	20.50
	64QAM	36	39	20.02	20.00	20.16	20.50
		75	0	20.15	19.97	20.08	20.50
		1	0	20.08	20.11	20.22	20.50
		1	38	20.07	20.05	20.18	20.50
		1	74	20.03	20.00	19.96	20.50

		36	0	20.19	20.17	20.16	20.50
		36	18	19.97	20.07	19.97	20.50
		36	39	20.10	20.09	20.12	20.50
		75	0	19.96	20.01	20.22	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	20.31	20.33	20.27	20.50
		1	50	20.06	20.14	20.12	20.50
		1	99	20.06	20.11	20.07	20.50
		50	0	20.21	20.28	20.26	20.50
		50	25	20.14	20.09	20.08	20.50
		50	50	20.08	20.08	20.09	20.50
		100	0	20.09	20.22	20.12	20.50
	16QAM	1	0	20.05	20.13	20.07	20.50
		1	50	20.09	20.08	20.11	20.50
		1	99	20.05	20.07	20.13	20.50
		50	0	20.08	20.12	20.03	20.50
		50	25	20.05	20.11	20.13	20.50
		50	50	20.10	20.08	20.06	20.50
		100	0	20.05	20.06	20.08	20.50
	64QAM	1	0	20.15	20.07	20.12	20.50
		1	50	20.07	20.10	20.11	20.50
		1	99	20.04	20.05	20.05	20.50
		50	0	20.10	20.13	20.08	20.50
		50	25	20.07	20.03	20.07	20.50
		50	50	20.13	20.10	20.08	20.50
		100	0	20.03	20.06	20.13	20.50

LTE Band 48 state5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	18.28	18.42	18.31	19.00
		1	13	18.28	18.29	18.28	19.00
		1	24	18.30	18.28	18.34	19.00
		12	0	18.30	18.34	18.28	19.00
		12	6	18.30	18.27	18.33	19.00
		12	13	18.33	18.32	18.33	19.00
		25	0	18.30	18.32	18.31	19.00
	16QAM	1	0	18.28	18.30	18.32	19.00
		1	13	18.33	18.34	18.34	19.00
		1	24	18.29	18.34	18.33	19.00
		12	0	18.28	18.28	18.34	19.00
		12	6	18.28	18.27	18.33	19.00
		12	13	18.34	18.30	18.32	19.00
		25	0	18.29	18.30	18.30	19.00
	64QAM	1	0	18.34	18.29	18.29	19.00
		1	13	18.30	18.31	18.32	19.00
		1	24	18.28	18.34	18.34	19.00
		12	0	18.29	18.31	18.31	19.00
		12	6	18.33	18.33	18.30	19.00
		12	13	18.32	18.30	18.33	19.00
		25	0	18.32	18.28	18.28	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	18.14	18.29	18.21	19.00
		1	25	18.17	18.14	18.17	19.00
		1	49	18.20	18.18	18.21	19.00
		25	0	18.18	18.20	18.15	19.00
		25	13	18.16	18.14	18.24	19.00
		25	25	18.25	18.24	18.20	19.00
		50	0	18.20	18.18	18.23	19.00
	16QAM	1	0	18.16	18.20	18.18	19.00
		1	25	18.22	18.25	18.24	19.00
		1	49	18.20	18.24	18.24	19.00
		25	0	18.18	18.14	18.26	19.00
		25	13	18.16	18.14	18.18	19.00
		25	25	18.21	18.21	18.20	19.00
		50	0	18.21	18.21	18.16	19.00

	64QAM	1	0	18.23	18.21	18.17	19.00
		1	25	18.21	18.18	18.24	19.00
		1	49	18.20	18.19	18.23	19.00
		25	0	18.20	18.23	18.21	19.00
		25	13	18.24	18.25	18.16	19.00
		25	25	18.19	18.19	18.22	19.00
		50	0	18.19	18.19	18.17	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 55315	Channel 55990	Channel 56665	Tune up
15MHz	QPSK	1	0	18.19	18.29	18.22	19.00
		1	38	18.17	18.16	18.16	19.00
		1	74	18.17	18.14	18.22	19.00
		36	0	18.19	18.20	18.20	19.00
		36	18	18.16	18.18	18.21	19.00
		36	39	18.22	18.20	18.22	19.00
		75	0	18.21	18.22	18.16	19.00
	16QAM	1	0	18.14	18.18	18.17	19.00
		1	38	18.19	18.23	18.24	19.00
		1	74	18.18	18.25	18.22	19.00
		36	0	18.15	18.17	18.26	19.00
		36	18	18.16	18.16	18.22	19.00
		36	39	18.19	18.18	18.19	19.00
		75	0	18.19	18.21	18.15	19.00
	64QAM	1	0	18.21	18.18	18.18	19.00
		1	38	18.19	18.23	18.23	19.00
		1	74	18.16	18.25	18.23	19.00
		36	0	18.21	18.17	18.22	19.00
		36	18	18.25	18.24	18.16	19.00
		36	39	18.20	18.20	18.20	19.00
		75	0	18.19	18.13	18.13	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 55340	Channel 55990	Channel 56640	Tune up
20MHz	QPSK	1	0	18.39	18.43	18.36	19.00
		1	50	18.18	18.15	18.18	19.00
		1	99	18.20	18.18	18.23	19.00
		50	0	18.29	18.35	18.33	19.00
		50	25	18.16	18.18	18.25	19.00
		50	50	18.20	18.20	18.22	19.00
		100	0	18.22	18.25	18.23	19.00
	16QAM	1	0	18.17	18.17	18.22	19.00
		1	50	18.18	18.24	18.21	19.00
		1	99	18.19	18.26	18.19	19.00
		50	0	18.16	18.13	18.26	19.00
		50	25	18.18	18.18	18.23	19.00
		50	50	18.23	18.21	18.20	19.00
		100	0	18.16	18.20	18.21	19.00
	64QAM	1	0	18.22	18.16	18.16	19.00
		1	50	18.17	18.22	18.17	19.00
		1	99	18.15	18.26	18.20	19.00
		50	0	18.21	18.22	18.20	19.00
		50	25	18.25	18.25	18.22	19.00
		50	50	18.24	18.17	18.20	19.00
		100	0	18.20	18.15	18.19	19.00

LTE Band 48 state8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 55265	Channel 55990	Channel 56715	Tune up
5MHz	QPSK	1	0	19.39	19.49	19.40	20.00
		1	13	19.40	19.39	19.40	20.00
		1	24	19.38	19.38	19.35	20.00
		12	0	19.39	19.37	19.38	20.00
		12	6	19.34	19.35	19.38	20.00
		12	13	19.38	19.34	19.36	20.00
		25	0	19.39	19.40	19.41	20.00
	16QAM	1	0	19.38	19.36	19.39	20.00
		1	13	19.38	19.34	19.38	20.00
		1	24	19.36	19.41	19.41	20.00
		12	0	19.40	19.40	19.34	20.00

	64QAM	12	6	19.37	19.36	19.37	20.00
		12	13	19.41	19.41	19.41	20.00
		25	0	19.39	19.41	19.40	20.00
		1	0	19.35	19.37	19.36	20.00
		1	13	19.36	19.41	19.38	20.00
		1	24	19.40	19.40	19.41	20.00
		12	0	19.88	19.84	19.88	20.00
		12	6	19.84	19.89	19.87	20.00
		12	13	19.88	19.85	19.88	20.00
		25	0	19.85	19.87	19.88	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	19.24	19.40	19.31	20.00
		1	25	19.29	19.26	19.32	20.00
		1	49	19.24	19.30	19.21	20.00
		25	0	19.29	19.27	19.30	20.00
		25	13	19.22	19.25	19.28	20.00
		25	25	19.27	19.22	19.24	20.00
	16QAM	50	0	19.29	19.28	19.30	20.00
		1	0	19.28	19.27	19.30	20.00
		1	25	19.25	19.24	19.29	20.00
		1	49	19.27	19.26	19.28	20.00
		25	0	19.28	19.25	19.24	20.00
		25	13	19.25	19.24	19.23	20.00
	64QAM	25	25	19.31	19.27	19.29	20.00
		50	0	19.24	19.30	19.32	20.00
		1	0	19.22	19.27	19.22	20.00
		1	25	19.22	19.27	19.27	20.00
		1	49	19.28	19.26	19.26	20.00
		25	0	19.76	19.71	19.79	20.00
		25	13	19.69	19.76	19.73	20.00
		25	25	19.74	19.71	19.77	20.00
		50	0	19.71	19.77	19.74	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	19.25	19.35	19.30	20.00
		1	38	19.32	19.26	19.29	20.00
		1	74	19.25	19.29	19.24	20.00
		36	0	19.31	19.22	19.30	20.00
		36	18	19.25	19.24	19.25	20.00
		36	39	19.30	19.25	19.27	20.00
	16QAM	75	0	19.29	19.32	19.27	20.00
		1	0	19.29	19.25	19.29	20.00
		1	38	19.26	19.25	19.24	20.00
		1	74	19.22	19.27	19.30	20.00
		36	0	19.29	19.32	19.21	20.00
		36	18	19.29	19.22	19.28	20.00
	64QAM	36	39	19.33	19.28	19.30	20.00
		75	0	19.25	19.32	19.31	20.00
		1	0	19.23	19.27	19.22	20.00
		1	38	19.21	19.32	19.26	20.00
		1	74	19.26	19.25	19.31	20.00
		36	0	19.73	19.69	19.75	20.00
		36	18	19.71	19.75	19.75	20.00
		36	39	19.75	19.76	19.77	20.00
		75	0	19.74	19.77	19.76	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	19.24	19.41	19.32	20.00
		1	50	19.31	19.24	19.28	20.00
		1	99	19.27	19.23	19.25	20.00
		50	0	19.30	19.23	19.25	20.00
		50	25	19.21	19.27	19.29	20.00
		50	50	19.30	19.22	19.24	20.00
	16QAM	100	0	19.29	19.30	19.32	20.00
		1	0	19.29	19.22	19.26	20.00
		1	50	19.28	19.19	19.24	20.00
		1	99	19.21	19.28	19.27	20.00
		50	0	19.25	19.29	19.22	20.00
		50	25	19.23	19.23	19.24	20.00

		50	50	19.28	19.26	19.26	20.00
		100	0	19.27	19.31	19.30	20.00
	64QAM	1	0	19.24	19.26	19.28	20.00
		1	50	19.26	19.27	19.26	20.00
		1	99	19.32	19.28	19.33	20.00
		50	0	19.77	19.73	19.75	20.00
		50	25	19.70	19.81	19.77	20.00
		50	50	19.79	19.72	19.73	20.00
		100	0	19.75	19.78	19.78	20.00

LTE Band 48 state10&13&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	55265	55990	56715	18.50
		1	13	17.76	17.90	17.76	18.50
		1	24	17.81	17.79	17.79	18.50
		12	0	17.79	17.77	17.78	18.50
		12	6	17.80	17.81	17.80	18.50
		12	13	17.79	17.81	17.82	18.50
	16QAM	25	0	17.81	17.82	17.81	18.50
		1	0	17.78	17.75	17.79	18.50
		1	13	17.79	17.80	17.79	18.50
		1	24	17.80	17.76	17.81	18.50
		12	0	17.78	17.81	17.77	18.50
		12	6	17.77	17.78	17.78	18.50
	64QAM	12	13	17.82	17.77	17.80	18.50
		12	6	17.82	17.82	17.79	18.50
		25	0	17.81	17.77	17.82	18.50
		1	0	17.81	17.77	17.82	18.50
		1	13	17.82	17.81	17.79	18.50
		1	24	17.79	17.81	17.79	18.50
10MHz	QPSK	1	0	55290	55990	56690	18.50
		1	25	17.68	17.76	17.68	18.50
		1	49	17.72	17.71	17.69	18.50
		25	0	17.64	17.63	17.63	18.50
		25	13	17.67	17.67	17.69	18.50
		25	25	17.71	17.71	17.71	18.50
	16QAM	50	0	17.70	17.73	17.67	18.50
		1	0	17.68	17.65	17.67	18.50
		1	25	17.65	17.72	17.68	18.50
		1	49	17.66	17.65	17.69	18.50
		1	25	17.70	17.71	17.69	18.50
		25	0	17.63	17.68	17.67	18.50
	64QAM	25	13	17.66	17.66	17.71	18.50
		25	25	17.72	17.70	17.67	18.50
		50	0	17.68	17.70	17.67	18.50
		1	0	17.72	17.66	17.68	18.50
		1	25	17.68	17.73	17.69	18.50
		1	49	17.65	17.71	17.66	18.50
15MHz	QPSK	1	0	55315	55990	56665	18.50
		1	38	17.67	17.78	17.68	18.50
		1	74	17.67	17.70	17.69	18.50
		36	0	17.65	17.67	17.65	18.50
		36	18	17.72	17.70	17.68	18.50
		36	39	17.65	17.68	17.68	18.50
	16QAM	75	0	17.70	17.69	17.67	18.50
		1	0	17.66	17.62	17.67	18.50
		1	38	17.70	17.68	17.65	18.50
		1	74	17.68	17.73	17.69	18.50
		36	0	17.65	17.71	17.66	18.50
		36	18	17.67	17.68	17.68	18.50

		1	74	17.69	17.66	17.62	18.50
		36	0	17.66	17.66	17.64	18.50
		36	18	17.71	17.65	17.71	18.50
		36	39	17.70	17.69	17.68	18.50
		75	0	17.69	17.66	17.70	18.50
	64QAM	1	0	17.73	17.68	17.69	18.50
		1	38	17.65	17.69	17.65	18.50
		1	74	17.63	17.69	17.72	18.50
		36	0	17.70	17.65	17.69	18.50
		36	18	17.68	17.70	17.65	18.50
		36	39	17.65	17.67	17.70	18.50
		75	0	17.67	17.67	17.67	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	17.63	17.80	17.66	18.50
		1	50	17.69	17.67	17.66	18.50
		1	99	17.66	17.68	17.69	18.50
		50	0	17.71	17.70	17.69	18.50
		50	25	17.68	17.67	17.71	18.50
		50	50	17.71	17.73	17.66	18.50
	16QAM	100	0	17.66	17.64	17.66	18.50
		1	0	17.70	17.70	17.66	18.50
		1	50	17.65	17.64	17.69	18.50
		1	99	17.66	17.72	17.66	18.50
		50	0	17.68	17.68	17.70	18.50
		50	25	17.69	17.64	17.67	18.50
		50	50	17.72	17.73	17.69	18.50
		100	0	17.72	17.65	17.71	18.50
	64QAM	1	0	17.67	17.71	17.65	18.50
		1	50	17.66	17.67	17.66	18.50
		1	99	17.61	17.73	17.70	18.50
		50	0	17.69	17.62	17.67	18.50
		50	25	17.66	17.72	17.62	18.50
		50	50	17.60	17.67	17.74	18.50
		100	0	17.70	17.67	17.73	18.50

1.8 Conducted Power of Legacy (Ant8)

LTE Band 48 state5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	21.37	21.49	21.40	22.30
		1	13	21.40	21.34	21.38	22.30
		1	24	21.41	21.40	21.37	22.30
		12	0	21.41	21.39	21.38	22.30
		12	6	21.39	21.35	21.40	22.30
		12	13	21.35	21.39	21.38	22.30
	16QAM	25	0	21.38	21.41	21.37	22.30
		1	0	21.37	21.39	21.37	22.30
		1	13	21.40	21.35	21.41	22.30
		1	24	21.35	21.40	21.38	22.30
		12	0	21.35	21.39	21.41	22.30
		12	6	21.34	21.36	21.36	22.30
	64QAM	12	13	21.40	21.40	21.39	22.30
		25	0	21.37	21.40	21.39	22.30
		1	0	21.38	21.41	21.35	22.30
		1	13	21.34	21.41	21.39	22.30
		1	24	21.37	21.41	21.34	22.30
		12	0	20.28	20.44	20.36	21.30
10MHz	QPSK	12	6	20.32	20.46	20.32	21.30
		12	13	20.28	20.49	20.25	21.30
		25	0	20.28	20.39	20.29	21.30
	16QAM	1	0	21.29	21.39	21.31	22.30
		1	25	21.31	21.23	21.30	22.30
		1	49	21.27	21.32	21.27	22.30
	64QAM	25	0	21.28	21.25	21.29	22.30
		25	13	21.25	21.24	21.32	22.30
		25	25	21.26	21.30	21.27	22.30
		50	0	21.28	21.27	21.25	22.30
		1	0	21.23	21.28	21.26	22.30
		1	25	21.26	21.27	21.31	22.30
		1	49	21.22	21.31	21.30	22.30
15MHz	QPSK	25	0	21.22	21.30	21.29	22.30
		25	13	21.22	21.23	21.24	22.30
		25	25	21.27	21.29	21.29	22.30
		50	0	21.22	21.27	21.31	22.30
	16QAM	1	0	21.29	21.26	21.24	22.30
		1	25	21.20	21.30	21.25	22.30
		1	49	21.25	21.29	21.22	22.30
		25	0	20.15	20.32	20.21	21.30
		25	13	20.21	20.37	20.18	21.30
		25	25	20.14	20.40	20.15	21.30
	64QAM	25	0	20.13	20.25	20.18	21.30
		1	0	21.27	21.39	21.32	22.30
		1	38	21.31	21.23	21.28	22.30
		1	74	21.28	21.31	21.29	22.30
		36	0	21.32	21.27	21.26	22.30
		36	18	21.28	21.25	21.28	22.30
15MHz	QPSK	36	39	21.25	21.28	21.28	22.30
		75	0	21.24	21.29	21.24	22.30
	16QAM	1	0	21.29	21.29	21.25	22.30
		1	38	21.26	21.22	21.31	22.30
		1	74	21.27	21.29	21.23	22.30
		36	0	21.21	21.26	21.27	22.30
	64QAM	36	18	21.21	21.22	21.24	22.30
		36	39	21.30	21.31	21.31	22.30
		75	0	21.29	21.29	21.25	22.30
		1	0	21.24	21.30	21.22	22.30
		1	38	21.19	21.28	21.27	22.30
		1	74	21.29	21.30	21.23	22.30

		36	0	20.18	20.36	20.26	21.30
		36	18	20.21	20.35	20.18	21.30
		36	39	20.15	20.37	20.11	21.30
		75	0	20.20	20.24	20.16	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	21.49	21.55	21.53	22.30
		1	50	21.27	21.25	21.28	22.30
		1	99	21.31	21.28	21.22	22.30
		50	0	21.39	21.46	21.43	22.30
		50	25	21.26	21.23	21.28	22.30
		50	50	21.22	21.28	21.23	22.30
		100	0	21.24	21.43	21.36	22.30
	16QAM	1	0	21.24	21.27	21.23	22.30
		1	50	21.27	21.21	21.26	22.30
		1	99	21.20	21.27	21.25	22.30
		50	0	21.20	21.28	21.32	22.30
		50	25	21.23	21.22	21.26	22.30
		50	50	21.29	21.28	21.24	22.30
		100	0	21.24	21.29	21.29	22.30
	64QAM	1	0	21.30	21.29	21.26	22.30
		1	50	21.20	21.28	21.25	22.30
		1	99	21.24	21.30	21.24	22.30
		50	0	20.19	20.35	20.28	21.30
		50	25	20.18	20.37	20.24	21.30
		50	50	20.17	20.34	20.14	21.30
		100	0	20.19	20.29	20.20	21.30

LTE Band 48 state3&8&10&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	20.93	21.03	20.92	21.80
		1	13	20.94	20.88	20.90	21.80
		1	24	20.91	20.91	20.95	21.80
		12	0	20.93	20.89	20.91	21.80
		12	6	20.95	20.92	20.89	21.80
		12	13	20.93	20.93	20.92	21.80
		25	0	20.93	20.93	20.94	21.80
	16QAM	1	0	20.93	20.94	20.90	21.80
		1	13	20.95	20.91	20.89	21.80
		1	24	20.90	20.91	20.95	21.80
		12	0	20.89	20.92	20.93	21.80
		12	6	20.93	20.91	20.90	21.80
		12	13	20.88	20.95	20.89	21.80
		25	0	20.91	20.89	20.91	21.80
	64QAM	1	0	20.91	20.89	20.94	21.80
		1	13	20.95	20.95	20.95	21.80
		1	24	20.89	20.90	20.90	21.80
		12	0	20.17	20.30	20.23	21.30
		12	6	20.22	20.33	20.21	21.30
		12	13	20.16	20.34	20.17	21.30
		25	0	20.16	20.29	20.18	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	20.78	20.92	20.84	21.80
		1	25	20.83	20.75	20.75	21.80
		1	49	20.83	20.76	20.83	21.80
		25	0	20.82	20.78	20.78	21.80
		25	13	20.82	20.79	20.75	21.80
		25	25	20.85	20.85	20.79	21.80
		50	0	20.81	20.79	20.81	21.80
	16QAM	1	0	20.83	20.79	20.82	21.80
		1	25	20.83	20.77	20.76	21.80
		1	49	20.81	20.78	20.82	21.80
		25	0	20.80	20.84	20.78	21.80
		25	13	20.83	20.79	20.80	21.80
		25	25	20.80	20.85	20.80	21.80
		50	0	20.77	20.80	20.81	21.80

	64QAM	1	0	20.79	20.76	20.81	21.80
		1	25	20.81	20.85	20.87	21.80
		1	49	20.77	20.81	20.82	21.80
		25	0	20.06	20.17	20.11	21.30
		25	13	20.09	20.23	20.08	21.30
		25	25	20.08	20.25	20.08	21.30
		50	0	20.04	20.16	20.07	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	20.83	20.93	20.78	21.80
		1	38	20.85	20.75	20.79	21.80
		1	74	20.81	20.77	20.85	21.80
		36	0	20.84	20.80	20.78	21.80
		36	18	20.84	20.79	20.81	21.80
		36	39	20.80	20.78	20.78	21.80
		75	0	20.78	20.84	20.85	21.80
	16QAM	1	0	20.83	20.83	20.81	21.80
		1	38	20.86	20.82	20.79	21.80
		1	74	20.76	20.79	20.87	21.80
		36	0	20.75	20.80	20.83	21.80
		36	18	20.82	20.80	20.76	21.80
		36	39	20.77	20.83	20.77	21.80
		75	0	20.80	20.77	20.80	21.80
	64QAM	1	0	20.81	20.76	20.84	21.80
		1	38	20.84	20.81	20.85	21.80
		1	74	20.77	20.80	20.77	21.80
		36	0	20.05	20.22	20.09	21.30
		36	18	20.08	20.20	20.09	21.30
		36	39	20.02	20.23	20.07	21.30
		75	0	20.02	20.18	20.07	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	21.03	21.11	21.08	21.80
		1	50	20.80	20.76	20.82	21.80
		1	99	20.78	20.80	20.84	21.80
		50	0	20.89	20.91	20.83	21.80
		50	25	20.81	20.79	20.81	21.80
		50	50	20.81	20.81	20.81	21.80
		100	0	20.81	20.85	20.79	21.80
	16QAM	1	0	20.81	20.83	20.81	21.80
		1	50	20.81	20.77	20.76	21.80
		1	99	20.79	20.81	20.84	21.80
		50	0	20.80	20.78	20.79	21.80
		50	25	20.83	20.81	20.81	21.80
		50	50	20.74	20.86	20.78	21.80
		100	0	20.77	20.78	20.81	21.80
	64QAM	1	0	20.82	20.81	20.84	21.80
		1	50	20.83	20.86	20.82	21.80
		1	99	20.77	20.77	20.80	21.80
		50	0	20.04	20.18	20.11	21.30
		50	25	20.13	20.25	20.11	21.30
		50	50	20.03	20.23	20.07	21.30
		100	0	20.06	20.21	20.09	21.30

LTE Band 48 state13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	19.86	19.99	19.86	20.80
		1	13	19.84	19.91	19.90	20.80
		1	24	19.91	19.87	19.85	20.80
		12	0	19.78	19.85	19.76	20.80
		12	6	19.76	19.82	19.71	20.80
		12	13	19.73	19.86	19.76	20.80
		25	0	19.73	19.84	19.65	20.80
	16QAM	1	0	19.77	19.92	19.70	20.80
		1	13	19.72	19.80	19.70	20.80
		1	24	19.74	19.89	19.67	20.80
		12	0	19.70	19.85	19.77	20.80

	64QAM	12	6	19.71	19.88	19.75	20.80
		12	13	19.73	19.89	19.66	20.80
		25	0	19.78	19.81	19.68	20.80
		1	0	19.77	19.90	19.68	20.80
		1	13	19.67	19.87	19.74	20.80
		1	24	19.74	19.84	19.68	20.80
		12	0	19.64	19.85	19.73	20.80
		12	6	19.68	19.82	19.73	20.80
		12	13	19.73	19.86	19.62	20.80
		25	0	19.72	19.80	19.67	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	19.76	19.88	19.76	20.80
		1	25	19.74	19.78	19.76	20.80
		1	49	19.81	19.72	19.74	20.80
		25	0	19.69	19.74	19.64	20.80
		25	13	19.64	19.72	19.58	20.80
		25	25	19.61	19.78	19.66	20.80
	16QAM	50	0	19.65	19.72	19.51	20.80
		1	0	19.64	19.84	19.56	20.80
		1	25	19.61	19.71	19.55	20.80
		1	49	19.63	19.77	19.54	20.80
		25	0	19.62	19.73	19.67	20.80
		25	13	19.58	19.74	19.61	20.80
	64QAM	25	25	19.64	19.81	19.51	20.80
		50	0	19.68	19.67	19.53	20.80
		1	0	19.68	19.78	19.58	20.80
		1	25	19.59	19.77	19.65	20.80
		1	49	19.66	19.71	19.54	20.80
		25	0	19.52	19.72	19.64	20.80
		25	13	19.53	19.69	19.61	20.80
		25	25	19.61	19.75	19.48	20.80
		50	0	19.61	19.68	19.55	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	19.76	19.89	19.77	20.80
		1	38	19.71	19.78	19.78	20.80
		1	74	19.77	19.78	19.72	20.80
		36	0	19.66	19.74	19.62	20.80
		36	18	19.63	19.72	19.58	20.80
		36	39	19.65	19.78	19.64	20.80
	16QAM	75	0	19.60	19.69	19.57	20.80
		1	0	19.64	19.77	19.59	20.80
		1	38	19.62	19.70	19.61	20.80
		1	74	19.61	19.80	19.53	20.80
		36	0	19.62	19.73	19.62	20.80
		36	18	19.62	19.79	19.65	20.80
	64QAM	36	39	19.61	19.75	19.58	20.80
		75	0	19.65	19.66	19.58	20.80
		1	0	19.66	19.79	19.59	20.80
		1	38	19.59	19.75	19.60	20.80
		1	74	19.60	19.74	19.55	20.80
		36	0	19.54	19.74	19.61	20.80
		36	18	19.59	19.71	19.65	20.80
		36	39	19.62	19.75	19.53	20.80
		75	0	19.59	19.69	19.54	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	20.09	20.17	20.11	20.80
		1	50	19.72	19.78	19.77	20.80
		1	99	19.82	19.78	19.72	20.80
		50	0	19.69	19.72	19.63	20.80
		50	25	19.64	19.72	19.60	20.80
		50	50	19.63	19.76	19.67	20.80
	16QAM	100	0	19.64	19.74	19.56	20.80
		1	0	19.66	19.84	19.61	20.80
		1	50	19.57	19.67	19.60	20.80
		1	99	19.64	19.76	19.57	20.80
		50	0	19.55	19.72	19.67	20.80
		50	25	19.62	19.73	19.65	20.80



		50	50	19.62	19.78	19.58	20.80
		100	0	19.70	19.68	19.57	20.80
	64QAM	1	0	19.64	19.79	19.60	20.80
		1	50	19.58	19.75	19.60	20.80
		1	99	19.63	19.71	19.55	20.80
		50	0	19.49	19.71	19.63	20.80
		50	25	19.54	19.69	19.64	20.80
		50	50	19.58	19.75	19.53	20.80
		100	0	19.60	19.68	19.55	20.80

2 Conducted Power of NR

2.1 Conducted Power of NR (Ant0)

N5_15kHz state5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
				/	836.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	24.10	/	24.80
		1	53	/	24.05	/	24.80
		1	104	/	24.01	/	24.80
		50	0	/	23.05	/	23.80
		50	28	/	24.04	/	24.80
		50	56	/	23.03	/	23.80
		100	0	/	23.02	/	23.80
	DFT-s-OFDM 16QAM	1	1	/	23.04	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
20MHz	CP-OFDM QPSK	1	1	/	22.67	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	23.95	/	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	23.86	/	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	24.01	23.95	23.99	24.80

N5_15kHz state3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
				/	836.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	23.03	/	23.80
		1	53	/	22.97	/	23.80
		1	104	/	22.95	/	23.80
		50	0	/	21.98	/	22.80
		50	28	/	22.97	/	23.80
		50	56	/	21.96	/	22.80
		100	0	/	21.93	/	22.80
	DFT-s-OFDM 16QAM	1	1	/	21.97	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
20MHz	CP-OFDM QPSK	1	1	/	21.49	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	22.93	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	22.91	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM	1	1	24.01	22.92	23.99	23.80

	QPSK						
N5_15kHz state8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	836.5	/	23.30
		1	53	/	22.53	/	23.30
		1	104	/	22.46	/	23.30
		50	0	/	22.43	/	23.30
		50	28	/	21.48	/	22.30
		50	56	/	22.49	/	23.30
		100	0	/	21.47	/	22.30
	DFT-s-OFDM 16QAM	1	1	/	21.45	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	/	167300	/	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	/	167300	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	/	167300	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	165300	167300	169300	23.30

N5_15kHz state10&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	836.5	/	24.30
		1	53	/	23.57	/	24.30
		1	104	/	23.47	/	24.30
		50	0	/	23.38	/	24.30
		50	28	/	22.49	/	23.30
		50	56	/	23.47	/	24.30
		100	0	/	22.47	/	23.30
	DFT-s-OFDM 16QAM	1	1	/	22.44	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	/	167300	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	/	167300	/	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	/	167300	/	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	165300	167300	169300	24.30

N5_15kHz state13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
				/	836.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	21.13	/	21.80
		1	53	/	20.96	/	21.80
		1	104	/	20.92	/	21.80
		50	0	/	19.98	/	20.80
		50	28	/	20.95	/	21.80
		50	56	/	19.97	/	20.80
		100	0	/	19.93	/	20.80
	DFT-s-OFDM 16QAM	1	1	/	19.95	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	/	19.39	/	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	/	20.96	/	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	/	20.98	/	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	20.86	20.95	20.88	21.80

N12_15kHz state5&10&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	141500	/	
				/	707.5	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	24.09	/	24.80
		1	40	/	24.05	/	24.80
		1	77	/	24.05	/	24.80
		36	0	/	23.02	/	23.80
		36	22	/	24.02	/	24.80
		36	43	/	23.00	/	23.80
		75	0	/	23.03	/	23.80
	DFT-s-OFDM 16QAM	1	1	/	23.01	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	CP-OFDM QPSK	1	1	/	22.64	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	/	24.01	/	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.86	23.98	23.93	24.80

N12_15kHz state3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	141500	/	
				/	707.5	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	22.50	/	23.30
		1	40	/	22.46	/	23.30
		1	77	/	22.48	/	23.30

		36	0	/	21.46	/	22.30
		36	22	/	22.44	/	23.30
		36	43	/	21.41	/	22.30
		75	0	/	21.43	/	22.30
	DFT-s-OFDM 16QAM	1	1	/	21.44	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	141500	/	
15MHz	CP-OFDM QPSK	1	1	/	20.93	/	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	141500	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	22.43	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140300	141500	142700	
5MHz	DFT-s-OFDM QPSK	1	1	22.44	22.42	22.41	23.30

N12_15kHz state8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	141500	/	
				/	707.5	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	22.03	/	22.80
		1	40	/	21.97	/	22.80
		1	77	/	21.97	/	22.80
		36	0	/	20.95	/	21.80
		36	22	/	21.96	/	22.80
		36	43	/	20.94	/	21.80
		75	0	/	20.94	/	21.80
	DFT-s-OFDM 16QAM	1	1	/	20.92	/	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	141500	/	
15MHz	CP-OFDM QPSK	1	1	/	20.39	/	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	141500	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	21.89	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140300	141500	142700	
5MHz	DFT-s-OFDM QPSK	1	1	21.91	21.95	21.93	22.80

N12_15kHz state13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	141500	/	
				/	707.5	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	20.53	/	21.30
		1	40	/	20.49	/	21.30
		1	77	/	20.47	/	21.30
		36	0	/	19.47	/	20.30
		36	22	/	20.43	/	21.30
		36	43	/	19.40	/	20.30
		75	0	/	19.44	/	20.30
	DFT-s-OFDM 16QAM	1	1	/	19.45	/	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	141500	/	
15MHz	CP-OFDM QPSK	1	1	/	18.93	/	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	141500	/	

10MHz	DFT-s-OFDM QPSK	1	1	/	20.43	/	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140300	141500	142700	
5MHz	DFT-s-OFDM QPSK	1	1	20.46	20.45	20.44	21.30

N26_15kHz state5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
				/	831.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	24.53	/	24.80
		1	53	/	24.46	/	24.80
		1	104	/	24.46	/	24.80
		50	0	/	23.45	/	23.80
		50	28	/	24.46	/	24.80
		50	56	/	23.48	/	23.80
		100	0	/	23.48	/	23.80
	DFT-s-OFDM 16QAM	1	1	/	23.45	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
20MHz	CP-OFDM QPSK	1	1	/	22.61	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	24.32	24.41	24.28	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	24.25	24.35	24.21	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	24.31	24.38	24.32	24.80

N26_15kHz state3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
				/	831.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	23.12	/	23.80
		1	53	/	23.04	/	23.80
		1	104	/	23.07	/	23.80
		50	0	/	22.06	/	22.80
		50	28	/	23.06	/	23.80
		50	56	/	22.07	/	22.80
		100	0	/	22.07	/	22.80
	DFT-s-OFDM 16QAM	1	1	/	22.02	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
20MHz	CP-OFDM QPSK	1	1	/	21.55	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	23.03	23.07	23.05	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	

10MHz	DFT-s-OFDM QPSK	1	1	23.09	23.03	23.06	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	23.07	23.05	23.03	23.80

N26_15kHz state8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
				/	831.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	22.61	/	23.30
		1	53	/	22.58	/	23.30
		1	104	/	22.57	/	23.30
		50	0	/	21.56	/	22.30
		50	28	/	22.55	/	23.30
		50	56	/	21.56	/	22.30
		100	0	/	21.55	/	22.30
	DFT-s-OFDM 16QAM	1	1	/	21.56	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
20MHz	CP-OFDM QPSK	1	1	/	20.93	/	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	22.54	22.44	22.57	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	22.55	22.51	22.62	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	22.47	22.55	22.53	23.30

N26_15kHz state10&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
				/	831.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	23.60	/	24.30
		1	53	/	23.55	/	24.30
		1	104	/	23.57	/	24.30
		50	0	/	22.54	/	23.30
		50	28	/	23.56	/	24.30
		50	56	/	22.57	/	23.30
		100	0	/	22.57	/	23.30
	DFT-s-OFDM 16QAM	1	1	/	22.53	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
20MHz	CP-OFDM QPSK	1	1	/	21.93	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	23.57	23.51	23.53	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	

10MHz	DFT-s-OFDM QPSK	1	1	23.51	23.53	23.44	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	23.42	23.49	23.52	24.30

N26_15kHz state13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
				/	831.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	20.63	/	21.30
		1	53	/	20.55	/	21.30
		1	104	/	20.57	/	21.30
		50	0	/	19.55	/	20.30
		50	28	/	20.57	/	21.30
		50	56	/	19.57	/	20.30
		100	0	/	19.58	/	20.30
	DFT-s-OFDM 16QAM	1	1	/	19.57	/	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
20MHz	CP-OFDM QPSK	1	1	/	18.94	/	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	20.63	20.55	20.51	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	20.52	20.54	20.55	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	20.55	20.51	20.61	21.30

N71_15kHz state5&10&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	
				/	680.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	24.06	/	24.80
		1	53	/	23.97	/	24.80
		1	104	/	23.97	/	24.80
		50	0	/	22.97	/	23.80
		50	28	/	23.97	/	24.80
		50	56	/	22.96	/	23.80
		100	0	/	22.96	/	23.80
	DFT-s-OFDM 16QAM	1	1	/	22.99	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	
20MHz	CP-OFDM QPSK	1	1	/	22.46	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134100	136100	138100	
15MHz	DFT-s-OFDM QPSK	1	1	23.99	23.97	23.98	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133600	136100	138600	

10MHz	DFT-s-OFDM QPSK	1	1	23.98	23.99	23.96	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133100	136100	139100	
5MHz	DFT-s-OFDM QPSK	1	1	23.98	23.99	23.98	24.80

N71_15kHz state3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	
				/	680.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	23.48	/	24.30
		1	53	/	23.41	/	24.30
		1	104	/	23.41	/	24.30
		50	0	/	22.37	/	23.30
		50	28	/	23.38	/	24.30
		50	56	/	22.37	/	23.30
		100	0	/	22.38	/	23.30
	DFT-s-OFDM 16QAM	1	1	/	22.40	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	
20MHz	CP-OFDM QPSK	1	1	/	21.87	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134100	136100	138100	
15MHz	DFT-s-OFDM QPSK	1	1	23.42	23.36	23.41	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133600	136100	138600	
10MHz	DFT-s-OFDM QPSK	1	1	23.32	23.37	23.40	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133100	136100	139100	
5MHz	DFT-s-OFDM QPSK	1	1	23.35	23.33	23.38	24.30

N71_15kHz state8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	
				/	680.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	23.50	/	23.80
		1	53	/	23.42	/	23.80
		1	104	/	23.38	/	23.80
		50	0	/	22.40	/	22.80
		50	28	/	23.39	/	23.80
		50	56	/	22.40	/	22.80
		100	0	/	22.37	/	22.80
	DFT-s-OFDM 16QAM	1	1	/	22.41	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	
20MHz	CP-OFDM QPSK	1	1	/	21.86	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134100	136100	138100	
15MHz	DFT-s-OFDM QPSK	1	1	23.41	23.34	23.44	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133600	136100	138600	

10MHz	DFT-s-OFDM QPSK	1	1	23.41	23.32	23.35	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133100	136100	139100	
5MHz	DFT-s-OFDM QPSK	1	1	23.42	23.31	23.39	23.80

N71_15kHz state13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	
				/	680.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	21.49	/	22.30
		1	53	/	21.38	/	22.30
		1	104	/	21.40	/	22.30
		50	0	/	20.40	/	21.30
		50	28	/	21.40	/	22.30
		50	56	/	20.39	/	21.30
		100	0	/	20.41	/	21.30
	DFT-s-OFDM 16QAM	1	1	/	20.41	/	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	
20MHz	CP-OFDM QPSK	1	1	/	19.92	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134100	136100	138100	
15MHz	DFT-s-OFDM QPSK	1	1	21.35	21.33	21.37	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133600	136100	138600	
10MHz	DFT-s-OFDM QPSK	1	1	21.38	21.41	21.44	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133100	136100	139100	
5MHz	DFT-s-OFDM QPSK	1	1	21.33	21.35	21.29	22.30

2.2 Conducted Power of NR (Ant1)

N2_15kHz state3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	16.78	16.86	16.75	17.80
		1	53	16.70	16.76	16.72	17.80
		1	104	16.69	16.81	16.71	17.80
		50	0	15.67	15.81	15.67	16.80
		50	28	16.71	16.75	16.64	17.80
		50	56	15.71	15.81	15.70	16.80
		100	0	15.69	15.77	15.70	16.80
	DFT-s-OFDM 16QAM	1	1	15.65	15.78	15.69	16.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	15.15	15.28	15.19	16.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	16.68	16.76	16.70	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	16.69	16.75	16.69	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	16.69	16.79	16.71	17.80

N2_15kHz state5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	15.28	15.38	15.33	16.30
		1	53	15.18	15.26	15.22	16.30
		1	104	15.18	15.29	15.21	16.30
		50	0	14.18	14.27	14.17	15.30
		50	28	15.17	15.27	15.16	16.30
		50	56	14.19	14.31	14.20	15.30
		100	0	14.20	14.27	14.20	15.30
	DFT-s-OFDM 16QAM	1	1	14.18	14.31	14.21	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	13.64	13.77	13.67	14.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	15.16	15.29	15.20	16.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	15.16	15.23	15.18	16.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	15.17	15.29	15.20	16.30

N2_15kHz state8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	16.23	16.26	16.19	17.30
		1	53	16.10	16.20	16.14	17.30
		1	104	16.12	16.24	16.14	17.30
		50	0	15.10	15.24	15.10	16.30
		50	28	16.13	16.19	16.06	17.30
		50	56	15.15	15.23	15.11	16.30
		100	0	15.09	15.20	15.13	16.30
	DFT-s-OFDM 16QAM	1	1	15.05	15.19	15.11	16.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	14.60	14.71	14.63	15.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.13	16.11	16.12	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.11	16.15	16.16	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	16.13	16.17	16.14	17.30

N2_15kHz state10&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	14.72	14.83	14.70	15.80
		1	53	14.61	14.71	14.65	15.80
		1	104	14.62	14.71	14.63	15.80
		50	0	13.61	13.69	13.58	14.80
		50	28	14.61	14.69	14.57	15.80
		50	56	13.64	13.75	13.61	14.80
		100	0	13.64	13.71	13.61	14.80
	DFT-s-OFDM 16QAM	1	1	13.61	13.73	13.62	14.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	13.11	13.25	13.14	14.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	14.62	14.68	14.62	15.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	14.60	14.71	14.63	15.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	14.58	14.66	14.64	15.80

N2_15kHz state13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	15.16	15.25	15.12	16.30
		1	53	15.02	15.13	15.07	16.30
		1	104	15.06	15.13	15.04	16.30
		50	0	14.06	14.10	13.98	15.30
		50	28	15.05	15.10	14.98	16.30
		50	56	14.05	14.17	14.02	15.30
		100	0	14.08	14.16	14.02	15.30
	DFT-s-OFDM 16QAM	1	1	14.03	14.15	14.03	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	13.56	13.63	13.55	14.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	15.06	15.12	15.06	16.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	15.05	15.11	15.06	16.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	15.06	15.12	15.05	16.30

N5_15kHz state3&8&13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
				/	836.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	24.21	/	24.30
		1	53	/	24.14	/	24.30
		1	104	/	24.13	/	24.30
		50	0	/	23.14	/	23.30
		50	28	/	24.12	/	24.30
		50	56	/	23.12	/	23.30
		100	0	/	23.16	/	23.30
	DFT-s-OFDM 16QAM	1	1	/	23.11	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	/	22.68	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	/	24.15	/	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.13	24.16	24.16	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	24.11	24.16	24.16	24.30

N5_15kHz state5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
				/	836.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	21.13	/	21.30
		1	53	/	21.08	/	21.30
		1	104	/	21.07	/	21.30
		50	0	/	20.08	/	20.30
		50	28	/	21.03	/	21.30
		50	56	/	20.04	/	20.30
		100	0	/	20.09	/	20.30
	DFT-s-OFDM 16QAM	1	1	/	20.03	/	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	/	19.44	/	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	/	21.07	/	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.06	20.97	21.09	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	21.07	21.01	21.03	21.30

N5_15kHz state10&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
				/	836.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	20.66	/	20.80
		1	53	/	20.55	/	20.80
		1	104	/	20.54	/	20.80
		50	0	/	19.55	/	19.80
		50	28	/	20.53	/	20.80
		50	56	/	19.57	/	19.80
		100	0	/	19.58	/	19.80
	DFT-s-OFDM 16QAM	1	1	/	19.52	/	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	/	19.04	/	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	/	24.15	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.13	24.16	24.16	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	24.11	24.16	24.16	20.80

N7_15kHz state3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
				/	2535	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	13.39	/	14.80
		1	108	/	13.23	/	14.80
		1	214	/	13.27	/	14.80
		108	0	/	12.32	/	13.80
		108	54	/	13.31	/	14.80
		108	108	/	12.31	/	13.80
		216	0	/	12.31	/	13.80
	DFT-s-OFDM 16QAM	1	1	/	12.28	/	13.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	CP-OFDM QPSK	1	1	/	11.64	/	13.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	13.26	/	14.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	13.24	/	14.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	/	13.25	/	14.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	13.27	13.23	13.23	14.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	13.24	13.24	13.25	14.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	13.26	13.23	13.24	14.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	13.28	13.26	13.26	14.80

N7_15kHz state5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
				/	2535	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	12.36	/	13.80
		1	108	/	12.28	/	13.80
		1	214	/	12.28	/	13.80
		108	0	/	11.30	/	12.80
		108	54	/	12.28	/	13.80
		108	108	/	11.26	/	12.80
		216	0	/	11.28	/	12.80
	DFT-s-OFDM 16QAM	1	1	/	11.26	/	12.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	CP-OFDM	1	1	/	10.74	/	12.30

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	12.26	/	13.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	12.24	/	13.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	12.25	/	13.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	12.23	12.21	12.24	13.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	12.25	12.21	12.24	13.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	12.28	12.26	12.27	13.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	12.24	12.24	12.25	13.80

N7_15kHz state8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
				/	2535	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	12.87	/	14.30
		1	108	/	12.76	/	14.30
		1	214	/	12.79	/	14.30
		108	0	/	11.78	/	13.30
		108	54	/	12.81	/	14.30
		108	108	/	11.80	/	13.30
		216	0	/	11.77	/	13.30
	DFT-s-OFDM 16QAM	1	1	/	11.77	/	13.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
50MHz	CP-OFDM QPSK	1	1	/	11.24	/	12.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	12.64	/	14.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	12.69	/	14.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	12.71	/	14.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	12.75	12.76	12.77	14.30
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	12.73	12.77	12.75	14.30
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	12.77	12.73	12.76	14.30
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	12.76	12.78	12.77	14.30

N7 15kHz state10&13&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
				/	2535	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	11.87	/	13.30
		1	108	/	11.74	/	13.30
		1	214	/	11.75	/	13.30
		108	0	/	10.80	/	12.30
		108	54	/	11.81	/	13.30
		108	108	/	10.77	/	12.30
		216	0	/	10.79	/	12.30
	DFT-s-OFDM 16QAM	1	1	/	10.79	/	12.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
50MHz	CP-OFDM QPSK	1	1	/	10.34	/	11.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	11.77	/	13.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	11.78	/	13.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
25MHz	DFT-s-OFDM QPSK	1	1	/	11.76	/	13.30
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	11.72	11.75	11.67	13.30
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	11.76	11.74	11.77	13.30
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	11.73	11.78	11.74	13.30
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-	1	1	11.71	11.74	11.77	13.30

	OFDM QPSK						
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N12_15kHz state3&8&13				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	141500	/	
				/	707.5	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	24.25	/	24.30
		1	40	/	24.13	/	24.30
		1	77	/	24.12	/	24.30
		36	0	/	23.13	/	23.30
		36	22	/	24.11	/	24.30
		36	43	/	23.13	/	23.30
		75	0	/	23.14	/	23.30
	DFT-s-OFDM 16QAM	1	1	/	23.11	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	141500	/	
15MHz	CP-OFDM QPSK	1	1	/	22.42	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	141500	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	24.12	/	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140300	141500	142700	
5MHz	DFT-s-OFDM QPSK	1	1	24.10	24.13	24.10	24.30

N12_15kHz state5				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	141500	/	
				/	707.5	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	23.19	/	23.30
		1	40	/	23.05	/	23.30
		1	77	/	23.02	/	23.30
		36	0	/	22.08	/	22.30
		36	22	/	23.05	/	23.30
		36	43	/	22.04	/	22.30
		75	0	/	22.05	/	22.30
	DFT-s-OFDM 16QAM	1	1	/	22.05	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	141500	/	
15MHz	CP-OFDM QPSK	1	1	/	21.53	/	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	141500	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	23.05	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140300	141500	142700	
5MHz	DFT-s-OFDM QPSK	1	1	23.01	23.04	23.08	23.30

N12_15kHz state10&15				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	141500	/	
				/	707.5	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	22.66	/	22.80
		1	40	/	22.58	/	22.80
		1	77	/	22.55	/	22.80
		36	0	/	21.53	/	21.80
		36	22	/	22.53	/	22.80

		36	43	/	21.57	/	21.80
		75	0	/	21.59	/	21.80
	DFT-s-OFDM 16QAM	1	1	/	21.53	/	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	141500	/	
15MHz	CP-OFDM QPSK	1	1	/	20.93	/	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	141500	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	22.53	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140300	141500	142700	
5MHz	DFT-s-OFDM QPSK	1	1	22.54	22.51	22.58	22.80

N26_15kHz state3&8&13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
				/	831.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	24.28	/	24.30
		1	53	/	24.23	/	24.30
		1	104	/	24.25	/	24.30
		50	0	/	23.21	/	23.30
		50	28	/	24.25	/	24.30
		50	56	/	23.24	/	23.30
		100	0	/	23.22	/	23.30
	DFT-s-OFDM 16QAM	1	1	/	23.23	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
20MHz	CP-OFDM QPSK	1	1	/	22.44	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	24.15	24.11	24.13	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	24.11	24.15	24.12	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	24.13	24.12	24.14	24.30

N26_15kHz state5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
				/	831.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	21.72	/	21.80
		1	53	/	21.65	/	21.80
		1	104	/	21.68	/	21.80
		50	0	/	20.62	/	20.80
		50	28	/	21.67	/	21.80
		50	56	/	20.68	/	20.80
		100	0	/	20.65	/	20.80
	DFT-s-OFDM 16QAM	1	1	/	20.66	/	20.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
20MHz	CP-OFDM QPSK	1	1	/	20.13	/	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s- OFDM QPSK	1	1	21.67	21.65	21.65	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	
10MHz	DFT-s- OFDM QPSK	1	1	21.64	21.62	21.66	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
5MHz	DFT-s- OFDM QPSK	1	1	21.61	21.63	21.65	21.80

N26_15kHz state10&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
				/	831.5	/	
20MHz	DFT-s- OFDM QPSK	1	1	/	21.28	/	21.30
		1	53	/	21.14	/	21.30
		1	104	/	21.20	/	21.30
		50	0	/	20.16	/	20.30
		50	28	/	21.18	/	21.30
		50	56	/	20.18	/	20.30
		100	0	/	20.14	/	20.30
	DFT-s- OFDM 16QAM	1	1	/	20.14	/	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
20MHz	CP-OFDM QPSK	1	1	/	19.64	/	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s- OFDM QPSK	1	1	21.13	21.14	21.14	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	
10MHz	DFT-s- OFDM QPSK	1	1	21.16	21.17	21.13	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
5MHz	DFT-s- OFDM QPSK	1	1	21.18	21.14	21.15	21.30

N71_15kHz state3&8&13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	
				/	680.5	/	
20MHz	DFT-s- OFDM QPSK	1	1	/	24.25	/	24.30
		1	53	/	24.21	/	24.30
		1	104	/	24.20	/	24.30
		50	0	/	23.23	/	23.30
		50	28	/	24.21	/	24.30
		50	56	/	23.22	/	23.30
		100	0	/	23.24	/	23.30
	DFT-s- OFDM 16QAM	1	1	/	23.24	/	23.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	
20MHz	CP-OFDM QPSK	1	1	/	22.36	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134100	136100	138100	
15MHz	DFT-s- OFDM QPSK	1	1	24.10	24.11	24.12	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133600	136100	138600	
10MHz	DFT-s- OFDM QPSK	1	1	24.12	24.14	24.12	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133100	136100	139100	
5MHz	DFT-s- OFDM QPSK	1	1	24.11	24.11	24.14	24.30

N71_15kHz state5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	
				/	680.5	/	
20MHz	DFT-s- OFDM QPSK	1	1	/	22.71	/	22.80
		1	53	/	22.63	/	22.80
		1	104	/	22.62	/	22.80
		50	0	/	21.65	/	21.80
		50	28	/	22.63	/	22.80
		50	56	/	21.64	/	21.80
		100	0	/	21.65	/	21.80
	DFT-s- OFDM 16QAM	1	1	/	21.68	/	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	
20MHz	CP-OFDM QPSK	1	1	/	21.16	/	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134100	136100	138100	
15MHz	DFT-s- OFDM QPSK	1	1	22.64	22.61	22.66	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133600	136100	138600	
10MHz	DFT-s- OFDM QPSK	1	1	22.54	22.62	22.66	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133100	136100	139100	
5MHz	DFT-s- OFDM QPSK	1	1	22.64	22.65	22.65	22.80

N71_15kHz state10&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	
				/	680.5	/	
20MHz	DFT-s- OFDM QPSK	1	1	/	22.16	/	22.30
		1	53	/	22.11	/	22.30
		1	104	/	22.15	/	22.30
		50	0	/	21.16	/	21.30
		50	28	/	22.13	/	22.30
		50	56	/	21.14	/	21.30
		100	0	/	21.18	/	21.30
	DFT-s- OFDM 16QAM	1	1	/	21.15	/	21.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	
20MHz	CP-OFDM QPSK	1	1	/	20.63	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134100	136100	138100	
15MHz	DFT-s- OFDM QPSK	1	1	22.12	22.13	22.15	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133600	136100	138600	
10MHz	DFT-s- OFDM QPSK	1	1	22.15	22.13	22.14	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133100	136100	139100	
5MHz	DFT-s- OFDM QPSK	1	1	22.13	22.13	22.10	22.30

N38_30kHz state3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s- OFDM QPSK	1	1	/	12.88	/	13.80
		1	53	/	12.67	/	13.80
		1	104	/	12.72	/	13.80
		50	0	/	11.69	/	12.80
		50	28	/	12.70	/	13.80
		50	56	/	11.70	/	12.80
		100	0	/	11.69	/	12.80
	DFT-s- OFDM 16QAM	1	1	/	11.68	/	12.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	11.15	/	12.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
30MHz	DFT-s- OFDM QPSK	1	1	/	12.69	/	13.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
20MHz	DFT-s- OFDM QPSK	1	1	12.61	12.67	12.65	13.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s- OFDM QPSK	1	1	12.62	12.67	12.67	13.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s- OFDM QPSK	1	1	12.64	12.69	12.66	13.80

N38_30kHz state13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s- OFDM QPSK	1	1	/	11.27	/	12.30
		1	53	/	11.17	/	12.30
		1	104	/	11.23	/	12.30
		50	0	/	10.20	/	11.30
		50	28	/	11.23	/	12.30
		50	56	/	10.18	/	11.30
		100	0	/	10.17	/	11.30
	DFT-s-	1	1	/	10.19	/	11.30

	OFDM 16QAM						
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 519000	Channel /	Tune up
40MHz	CP-OFDM QPSK	1	1	/	9.65	/	10.80
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 519000	Channel /	Tune up
30MHz	DFT-s- OFDM QPSK	1	1	/	11.18	/	12.30
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 519000	Channel /	Tune up
20MHz	DFT-s- OFDM QPSK	1	1	11.12	11.18	11.16	12.30
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s- OFDM QPSK	1	1	11.13	11.17	11.16	12.30
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s- OFDM QPSK	1	1	11.14	11.17	11.15	12.30

N38_30kHz state5&8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 519000	Channel /	Tune up
				/	2595	/	
40MHz	DFT-s- OFDM QPSK	1	1	/	12.25	/	13.30
		1	53	/	12.18	/	13.30
		1	104	/	12.23	/	13.30
		50	0	/	11.15	/	12.30
		50	28	/	12.21	/	13.30
		50	56	/	11.20	/	12.30
		100	0	/	11.17	/	12.30
	DFT-s- OFDM 16QAM	1	1	/	11.20	/	12.30
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 519000	Channel /	Tune up
40MHz	CP-OFDM QPSK	1	1	/	10.72	/	11.80
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 519000	Channel /	Tune up
30MHz	DFT-s- OFDM QPSK	1	1	/	12.19	/	13.30
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 519000	Channel /	Tune up
20MHz	DFT-s- OFDM QPSK	1	1	12.12	12.17	12.15	13.30
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s- OFDM QPSK	1	1	12.15	12.19	12.15	13.30
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s- OFDM QPSK	1	1	12.13	12.18	12.15	13.30

N38_30kHz state10&15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 519000	Channel /	Tune up
				/	2595	/	
40MHz	DFT-s-	1	1	/	11.77	/	12.80

	OFDM QPSK	1	53	/	11.70	/	12.80
		1	104	/	11.70	/	12.80
		50	0	/	10.66	/	11.80
		50	28	/	11.68	/	12.80
		50	56	/	10.70	/	11.80
		100	0	/	10.69	/	11.80
	DFT-s- OFDM 16QAM	1	1	/	10.66	/	11.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	10.24	/	11.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
30MHz	DFT-s- OFDM QPSK	1	1	/	11.66	/	12.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
20MHz	DFT-s- OFDM QPSK	1	1	11.64	11.70	11.67	12.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s- OFDM QPSK	1	1	11.65	11.66	11.65	12.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s- OFDM QPSK	1	1	11.65	11.68	11.66	12.80

N41 PC3 30kHz state3&10&15				Conducted Power(dBm)					Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s- OFDM QPSK	1	1	/	/	13.24	/	/	14.30
		1	137	/	/	13.13	/	/	14.30
		1	271	/	/	13.11	/	/	14.30
		135	0	/	/	12.13	/	/	13.30
		135	69	/	/	13.14	/	/	14.30
		135	138	/	/	12.13	/	/	13.30
		270	0	/	/	12.17	/	/	13.30
	DFT-s- OFDM 16QAM	1	1	/	/	12.14	/	/	13.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	11.62	/	/	12.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
90MHz	DFT-s- OFDM QPSK	1	1	/	/	13.14	/	/	14.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
80MHz	DFT-s- OFDM QPSK	1	1	/	/	13.17	/	/	14.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
70MHz	DFT-s- OFDM QPSK	1	1	/	/	13.12	/	/	14.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s- OFDM	1	1	13.14	13.12	13.12	13.15	13.08	14.30

	QPSK								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	13.15	13.10	13.16	13.15	13.09	14.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	13.15	13.11	13.12	13.17	13.06	14.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	13.14	13.11	13.17	13.15	13.06	14.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	13.10	13.09	13.13	13.14	13.08	14.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	13.11	13.12	13.14	13.14	13.04	14.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	13.13	13.13	13.11	13.15	13.09	14.30

N41 PC3 30kHz state5				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	13.75	/	/	14.80
		1	137	/	/	13.64	/	/	14.80
		1	271	/	/	13.65	/	/	14.80
		135	0	/	/	12.64	/	/	13.80
		135	69	/	/	13.62	/	/	14.80
		135	138	/	/	12.63	/	/	13.80
		270	0	/	/	12.66	/	/	13.80
	DFT-s-OFDM 16QAM	1	1	/	/	12.64	/	/	13.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	12.11	/	/	13.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	13.63	/	/	14.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	/	13.67	/	/	14.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	/	13.64	/	/	14.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	13.60	13.63	13.66	13.65	13.54	14.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up