

		3	2	21.93	21.64	21.53	22.70
		3	3	21.52	21.70	21.66	22.70
		6	0	20.65	20.61	20.72	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	21.76	21.87	21.75	22.70
		1	7	21.87	21.91	21.68	22.70
		1	14	21.73	21.67	21.49	22.70
		8	0	21.45	21.31	21.16	22.70
		8	4	21.37	21.35	21.14	22.70
		8	7	21.24	21.26	21.08	22.70
		15	0	21.44	21.28	21.23	22.70
	16QAM	1	0	21.59	21.31	21.39	22.70
		1	7	21.91	21.77	21.66	22.70
		1	14	21.35	21.46	21.23	22.70
		8	0	21.82	21.77	21.61	22.70
		8	4	21.71	21.76	21.57	22.70
		8	7	21.77	21.68	21.42	22.70
		15	0	21.80	21.40	21.54	22.70
	64QAM	1	0	21.71	21.82	21.68	22.70
		1	7	21.79	21.86	21.62	22.70
		1	14	21.66	21.57	21.41	22.70
		8	0	21.38	21.22	21.09	22.70
		8	4	21.32	21.28	21.09	22.70
		8	7	21.18	21.18	20.98	22.70
		15	0	21.39	21.19	21.15	22.70
	256QAM	1	0	21.54	21.21	21.31	22.70
		1	7	21.84	21.71	21.58	22.70
		1	14	21.28	21.40	21.16	22.70
		8	0	20.77	20.72	20.55	21.70
		8	4	20.63	20.71	20.51	21.70
		8	7	20.69	20.62	20.36	21.70
		15	0	20.74	20.35	20.46	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	21.85	21.68	21.58	22.70
		1	13	21.75	21.77	21.60	22.70
		1	24	21.72	21.73	21.51	22.70
		12	0	21.44	21.31	21.17	22.70
		12	6	21.40	21.38	21.20	22.70
		12	13	21.41	21.30	21.04	22.70
		25	0	21.36	21.25	21.15	22.70
	16QAM	1	0	21.89	21.80	21.31	22.70
		1	13	21.91	21.27	21.37	22.70
		1	24	21.68	21.67	21.27	22.70
		12	0	21.69	21.75	21.48	22.70
		12	6	21.79	21.60	21.52	22.70
		12	13	21.68	21.61	21.34	22.70
		25	0	21.65	21.57	21.51	22.70

	64QAM	1	0	21.70	21.82	21.69	22.70
		1	13	21.78	21.81	21.58	22.70
		1	24	21.66	21.57	21.42	22.70
		12	0	21.38	21.26	21.07	22.70
		12	6	21.30	21.25	21.06	22.70
		12	13	21.16	21.19	21.03	22.70
		25	0	21.39	21.22	21.17	22.70
	256QAM	1	0	21.49	21.26	21.30	22.70
		1	13	21.81	21.68	21.56	22.70
		1	24	21.25	21.37	21.14	22.70
		12	0	20.72	20.71	20.55	21.70
		12	6	20.64	20.71	20.52	21.70
		12	13	20.68	20.60	20.36	21.70
		25	0	20.72	20.33	20.46	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	21.79	21.87	21.70	22.70
		1	25	21.94	21.80	21.65	22.70
		1	49	21.96	21.79	21.45	22.70
		25	0	21.39	21.36	21.23	22.70
		25	13	21.30	21.41	21.12	22.70
		25	25	21.34	21.26	21.08	22.70
		50	0	21.40	21.28	21.19	22.70
	16QAM	1	0	21.50	21.78	21.73	22.70
		1	25	21.53	21.57	21.16	22.70
		1	49	21.68	21.38	21.34	22.70
		25	0	21.70	21.64	21.56	22.70
		25	13	21.59	21.72	21.45	22.70
		25	25	21.73	21.72	21.47	22.70
		50	0	21.75	21.54	21.48	22.70
	64QAM	1	0	21.69	21.77	21.67	22.70
		1	25	21.80	21.83	21.62	22.70
		1	49	21.65	21.62	21.41	22.70
		25	0	21.40	21.23	21.09	22.70
		25	13	21.31	21.30	21.04	22.70
		25	25	21.16	21.21	21.01	22.70
		50	0	21.37	21.20	21.18	22.70
	256QAM	1	0	21.50	21.21	21.31	22.70
		1	25	21.82	21.72	21.56	22.70
		1	49	21.25	21.41	21.16	22.70
		25	0	20.77	20.72	20.54	21.70
		25	13	20.62	20.66	20.48	21.70
		25	25	20.69	20.61	20.33	21.70
		50	0	20.71	20.32	20.49	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	21.78	21.64	21.45	22.70
		1	38	21.64	21.55	21.38	22.70
		1	74	21.50	21.70	21.45	22.70

		36	0	21.25	21.24	21.12	22.70
		36	18	21.27	21.17	20.94	22.70
		36	39	21.29	21.19	21.04	22.70
		75	0	21.27	21.23	21.04	22.70
	16QAM	1	0	21.46	21.66	20.92	22.70
		1	38	21.57	21.23	21.01	22.70
		1	74	21.51	21.36	20.78	22.70
		36	0	21.61	21.49	21.39	22.70
		36	18	21.55	21.52	21.38	22.70
		36	39	21.50	21.50	21.27	22.70
		75	0	21.55	21.45	21.32	22.70
	64QAM	1	0	21.66	21.79	21.67	22.70
		1	38	21.82	21.85	21.59	22.70
		1	74	21.65	21.60	21.39	22.70
		36	0	21.36	21.23	21.09	22.70
		36	18	21.30	21.27	21.09	22.70
		36	39	21.16	21.20	21.01	22.70
		75	0	21.34	21.21	21.13	22.70
	256QAM	1	0	21.54	21.22	21.29	22.70
		1	38	21.83	21.71	21.60	22.70
		1	74	21.27	21.38	21.14	22.70
		36	0	20.75	20.71	20.54	21.70
		36	18	20.61	20.67	20.52	21.70
		36	39	20.71	20.59	20.37	21.70
		75	0	20.71	20.32	20.49	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	21.75	22.06	21.71	22.70
		1	50	21.85	21.95	21.68	22.70
		1	99	21.68	21.69	21.49	22.70
		50	0	21.10	21.28	21.17	22.70
		50	25	21.13	21.23	21.12	22.70
		50	50	21.27	21.27	21.03	22.70
		100	0	21.15	21.28	21.24	22.70
	16QAM	1	0	21.54	21.31	21.40	22.70
		1	50	21.89	21.78	21.66	22.70
		1	99	21.36	21.47	21.21	22.70
		50	0	21.83	21.76	21.57	22.70
		50	25	21.72	21.72	21.56	22.70
		50	50	21.75	21.70	21.42	22.70
		100	0	21.78	21.44	21.54	22.70
	64QAM	1	0	21.67	21.80	21.68	22.70
		1	50	21.80	21.85	21.60	22.70
		1	99	21.64	21.58	21.40	22.70
		50	0	21.39	21.24	21.06	22.70
		50	25	21.32	21.25	21.04	22.70
		50	50	21.19	21.19	21.03	22.70
		100	0	21.37	21.23	21.16	22.70
	256QAM	1	0	21.51	21.24	21.34	22.70

		1	50	21.82	21.70	21.59	22.70
		1	99	21.27	21.36	21.17	22.70
		50	0	20.75	20.71	20.56	21.70
		50	25	20.66	20.71	20.50	21.70
		50	50	20.72	20.60	20.33	21.70
		100	0	20.71	20.34	20.49	21.70

LTE Band 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	24.87	25.03	25.11	25.50
		1	2	25.04	25.12	24.90	25.50
		1	5	24.75	25.02	24.83	25.50
		3	0	24.79	24.92	24.72	25.50
		3	2	24.99	24.86	24.89	25.50
		3	3	24.90	24.94	24.89	25.50
		6	0	24.05	23.99	24.05	24.50
	16QAM	1	0	24.14	24.39	24.43	24.50
		1	2	24.22	24.10	24.33	24.50
		1	5	24.36	24.19	24.14	24.50
		3	0	24.13	24.05	24.12	24.50
		3	2	24.27	24.14	24.15	24.50
		3	3	24.18	24.10	24.22	24.50
		6	0	22.98	23.03	23.05	23.50
	64QAM	1	0	22.78	22.97	23.05	23.50
		1	2	22.94	23.02	22.80	23.50
		1	5	22.65	22.94	22.74	23.50
		3	0	22.72	22.86	22.67	23.50
		3	2	22.90	22.79	22.84	23.50
		3	3	22.81	22.86	22.84	23.50
		6	0	22.00	21.94	21.96	22.50
	256QAM	1	0	22.08	22.30	22.34	22.50
		1	2	22.14	22.00	22.23	22.50
		1	5	22.27	22.10	22.09	22.50
		3	0	22.06	21.98	22.03	22.50
		3	2	22.17	22.04	22.05	22.50
		3	3	22.08	22.02	22.17	22.50
		6	0	20.93	20.98	20.96	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	24.93	24.90	24.93	25.50
		1	7	24.91	24.85	25.01	25.50
		1	14	24.95	25.13	24.89	25.50
		8	0	23.99	24.03	23.99	24.50
		8	4	24.08	24.05	24.13	24.50
		8	7	23.99	24.11	24.05	24.50
		15	0	24.02	24.13	24.07	24.50

	16QAM	1	0	24.16	24.15	24.09	24.50
		1	7	24.49	24.41	24.11	24.50
		1	14	24.41	24.03	24.42	24.50
		8	0	23.07	23.19	23.06	23.50
		8	4	23.16	23.11	23.19	23.50
		8	7	23.07	23.29	23.06	23.50
		15	0	23.09	23.21	23.06	23.50
	64QAM	1	0	22.86	22.85	22.87	23.50
		1	7	22.86	22.79	22.94	23.50
		1	14	22.87	23.03	22.80	23.50
		8	0	21.89	21.93	21.89	22.50
		8	4	22.02	21.97	22.05	22.50
		8	7	21.93	22.03	21.95	22.50
		15	0	21.93	22.04	22.01	22.50
	256QAM	1	0	22.11	22.06	22.04	22.50
		1	7	22.39	22.35	22.06	22.50
		1	14	22.31	21.95	22.37	22.50
		8	0	20.99	21.09	20.97	21.50
		8	4	21.09	21.04	21.11	21.50
		8	7	20.99	21.24	20.96	21.50
		15	0	20.99	21.12	21.00	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	24.99	24.97	24.93	25.50
		1	13	25.05	25.10	24.95	25.50
		1	24	25.00	25.01	25.07	25.50
		12	0	24.04	24.10	24.04	24.50
		12	6	24.12	24.11	24.05	24.50
		12	13	24.08	24.11	24.07	24.50
		25	0	24.08	24.08	23.99	24.50
	16QAM	1	0	24.42	24.28	24.21	24.50
		1	13	24.27	24.11	24.20	24.50
		1	24	24.13	24.12	24.13	24.50
		12	0	23.08	23.18	23.07	23.50
		12	6	23.17	23.13	23.13	23.50
		12	13	23.18	23.21	23.11	23.50
		25	0	23.08	23.11	23.09	23.50
	64QAM	1	0	22.86	22.84	22.83	23.50
		1	13	22.83	22.75	22.92	23.50
		1	24	22.88	23.08	22.82	23.50
		12	0	21.94	21.95	21.89	22.50
		12	6	22.00	21.95	22.06	22.50
		12	13	21.93	22.03	22.00	22.50
		25	0	21.94	22.06	22.00	22.50
	256QAM	1	0	22.06	22.08	22.03	22.50
		1	13	22.40	22.34	22.06	22.50
		1	24	22.33	21.96	22.34	22.50
		12	0	20.99	21.14	20.99	21.50
		12	6	21.08	21.04	21.12	21.50

		12	13	20.98	21.23	21.00	21.50
		25	0	21.04	21.14	21.01	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	24.91	25.05	25.00	25.50
		1	25	24.71	25.03	25.18	25.50
		1	49	25.00	24.82	25.16	25.50
		25	0	24.02	24.10	24.05	24.50
		25	13	24.10	24.14	24.15	24.50
		25	25	24.15	24.05	24.08	24.50
		50	0	24.05	24.10	24.07	24.50
	16QAM	1	0	24.25	24.38	24.50	24.50
		1	25	24.31	24.33	24.46	24.50
		1	49	24.24	24.07	24.19	24.50
		25	0	23.08	23.12	23.01	23.50
		25	13	23.14	23.13	23.12	23.50
		25	25	23.10	23.03	23.04	23.50
		50	0	23.16	23.08	23.04	23.50
	64QAM	1	0	22.86	22.85	22.85	23.50
		1	25	22.86	22.79	22.96	23.50
		1	49	22.90	23.03	22.83	23.50
		25	0	21.91	21.98	21.91	22.50
		25	13	21.98	21.96	22.03	22.50
		25	25	21.93	22.02	21.97	22.50
		50	0	21.94	22.08	21.99	22.50
	256QAM	1	0	22.11	22.10	22.03	22.50
		1	25	22.43	22.35	22.06	22.50
		1	49	22.36	21.98	22.37	22.50
		25	0	21.01	21.11	20.99	21.50
		25	13	21.10	21.01	21.10	21.50
		25	25	21.02	21.19	21.01	21.50
		50	0	21.02	21.11	20.96	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	24.73	24.80	24.78	25.50
		1	38	24.86	25.07	24.86	25.50
		1	74	24.70	24.99	24.81	25.50
		36	0	23.91	23.96	24.02	24.50
		36	18	23.92	23.89	23.93	24.50
		36	39	23.95	23.97	23.99	24.50
		75	0	23.90	23.93	23.89	24.50
	16QAM	1	0	24.17	24.35	24.09	24.50
		1	38	24.30	23.88	23.87	24.50
		1	74	24.33	24.39	24.42	24.50
		36	0	22.82	22.92	23.02	23.50
		36	18	23.02	23.00	22.86	23.50
		36	39	22.85	22.81	22.99	23.50
		75	0	22.93	22.96	22.93	23.50
	64QAM	1	0	22.87	22.83	22.84	23.50

		1	38	22.86	22.80	22.92	23.50
		1	74	22.87	23.07	22.80	23.50
		36	0	21.90	21.96	21.92	22.50
		36	18	22.02	21.97	22.03	22.50
		36	39	21.90	22.04	21.97	22.50
		75	0	21.95	22.06	22.00	22.50
	256QAM	1	0	22.11	22.07	21.99	22.50
		1	38	22.42	22.33	22.04	22.50
		1	74	22.35	21.93	22.35	22.50
		36	0	21.02	21.09	21.01	21.50
		36	18	21.09	21.01	21.09	21.50
		36	39	20.97	21.24	20.99	21.50
		75	0	21.00	21.12	20.96	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	25.09	25.27	25.26	25.50
		1	50	25.15	25.21	25.25	25.50
		1	99	25.09	25.18	25.06	25.50
		50	0	23.88	23.94	23.93	24.50
		50	25	23.86	23.88	23.92	24.50
		50	50	23.93	23.86	23.89	24.50
		100	0	23.78	23.85	23.83	24.50
	16QAM	1	0	24.09	24.01	24.26	24.50
		1	50	23.93	24.09	24.28	24.50
		1	99	24.38	24.02	24.18	24.50
		50	0	22.94	22.91	22.86	23.50
		50	25	22.97	22.91	22.89	23.50
		50	50	23.03	22.88	23.02	23.50
		100	0	22.91	22.96	22.80	23.50
	64QAM	1	0	22.84	22.80	22.85	23.50
		1	50	22.84	22.80	22.92	23.50
		1	99	22.90	23.04	22.83	23.50
		50	0	21.91	21.93	21.90	22.50
		50	25	22.03	22.00	22.07	22.50
		50	50	21.91	22.05	21.95	22.50
		100	0	21.96	22.06	21.98	22.50
	256QAM	1	0	22.06	22.08	22.04	22.50
		1	50	22.41	22.35	22.06	22.50
		1	99	22.31	21.98	22.32	22.50
		50	0	21.01	21.14	20.98	21.50
		50	25	21.08	21.03	21.12	21.50
		50	50	20.98	21.20	20.98	21.50
		100	0	21.04	21.16	20.96	21.50

LTE Band 4 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	

1.4MHz	QPSK	1	0	22.91	22.91	22.79	23.50
		1	2	23.03	22.87	22.73	23.50
		1	5	23.00	22.90	22.51	23.50
		3	0	22.49	22.40	22.27	23.50
		3	2	22.34	22.41	22.17	23.50
		3	3	22.42	22.31	22.15	23.50
		6	0	22.48	22.30	22.27	23.50
	16QAM	1	0	22.54	22.89	22.87	23.50
		1	2	22.63	22.64	22.20	23.50
		1	5	22.81	22.48	22.45	23.50
		3	0	22.80	22.70	22.61	23.50
		3	2	22.72	22.79	22.51	23.50
		3	3	22.81	22.82	22.55	23.50
		6	0	22.82	22.63	22.55	23.50
	64QAM	1	0	22.81	22.94	23.06	23.50
		1	2	22.96	23.07	22.85	23.50
		1	5	22.65	22.92	22.78	23.50
		3	0	22.74	22.87	22.62	23.50
		3	2	22.93	22.78	22.79	23.50
		3	3	22.80	22.88	22.84	23.50
		6	0	21.96	21.91	21.97	22.50
	256QAM	1	0	22.05	22.33	22.34	22.50
		1	2	22.17	22.05	22.28	22.50
		1	5	22.28	22.13	22.09	22.50
		3	0	22.08	21.97	22.05	22.50
		3	2	22.21	22.05	22.10	22.50
		3	3	22.10	22.00	22.14	22.50
		6	0	20.91	20.93	20.97	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.72	22.76	22.48	23.50
		1	7	22.47	22.54	22.46	23.50
		1	14	22.67	22.44	21.75	23.50
		8	0	22.41	22.21	22.17	23.50
		8	4	22.32	22.21	22.12	23.50
		8	7	22.32	22.34	22.21	23.50
		15	0	22.33	22.32	22.23	23.50
	16QAM	1	0	22.71	22.65	22.35	23.50
		1	7	22.78	22.02	22.10	23.50
		1	14	22.52	22.04	22.12	23.50
		8	0	22.61	22.54	22.35	23.50
		8	4	22.57	22.57	22.48	23.50
		8	7	22.56	22.50	22.42	23.50
		15	0	22.57	22.53	22.44	23.50
	64QAM	1	0	22.83	22.81	22.84	23.50
		1	7	22.86	22.75	22.91	23.50
		1	14	22.89	23.05	22.80	23.50
		8	0	21.90	21.95	21.93	22.50
		8	4	22.02	21.95	22.03	22.50

	256QAM	8	7	21.94	22.03	21.97	22.50
		15	0	21.96	22.07	22.02	22.50
		1	0	22.08	22.10	22.01	22.50
		1	7	22.41	22.34	22.02	22.50
		1	14	22.32	21.98	22.36	22.50
		8	0	20.98	21.09	20.97	21.50
		8	4	21.08	21.04	21.11	21.50
		8	7	21.01	21.23	20.96	21.50
		15	0	21.04	21.13	20.99	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.84	22.71	22.55	23.50
		1	13	22.70	22.62	22.49	23.50
		1	24	22.60	22.72	21.73	23.50
		12	0	22.38	22.37	22.21	23.50
		12	6	22.35	22.21	22.00	23.50
		12	13	22.38	22.22	22.11	23.50
		25	0	22.38	22.28	22.13	23.50
	16QAM	1	0	22.54	22.73	21.99	23.50
		1	13	22.65	22.28	22.10	23.50
		1	24	22.63	22.41	21.86	23.50
		12	0	22.68	22.58	22.49	23.50
		12	6	22.67	22.57	22.43	23.50
		12	13	22.60	22.58	22.36	23.50
		25	0	22.67	22.55	22.39	23.50
	64QAM	1	0	22.85	22.83	22.86	23.50
		1	13	22.84	22.78	22.91	23.50
		1	24	22.85	23.04	22.79	23.50
		12	0	21.89	21.93	21.92	22.50
		12	6	22.03	21.98	22.05	22.50
		12	13	21.91	22.03	21.99	22.50
		25	0	21.95	22.05	22.01	22.50
	256QAM	1	0	22.06	22.08	22.04	22.50
		1	13	22.39	22.34	22.05	22.50
		1	24	22.31	21.98	22.32	22.50
		12	0	21.02	21.13	20.99	21.50
		12	6	21.07	21.01	21.12	21.50
		12	13	21.01	21.23	20.98	21.50
		25	0	21.01	21.13	20.96	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.83	22.91	22.82	23.50
		1	25	22.91	23.03	22.71	23.50
		1	49	22.76	22.72	22.57	23.50
		25	0	22.55	22.37	22.26	23.50
		25	13	22.44	22.42	22.20	23.50
		25	25	22.32	22.35	22.15	23.50
		50	0	22.50	22.34	22.28	23.50
	16QAM	1	0	22.64	22.39	22.46	23.50

		1	25	22.96	22.87	22.67	23.50
		1	49	22.45	22.58	22.34	23.50
		25	0	22.89	22.87	22.68	23.50
		25	13	22.83	22.79	22.64	23.50
		25	25	22.85	22.79	22.53	23.50
		50	0	22.84	22.51	22.66	23.50
	64QAM	1	0	22.84	22.85	22.87	23.50
		1	25	22.84	22.78	22.96	23.50
		1	49	22.85	23.03	22.80	23.50
		25	0	21.90	21.95	21.91	22.50
		25	13	21.98	21.97	22.08	22.50
		25	25	21.93	22.05	21.97	22.50
		50	0	21.96	22.03	21.97	22.50
	256QAM	1	0	22.09	22.08	22.00	22.50
		1	25	22.43	22.33	22.05	22.50
		1	49	22.34	21.93	22.32	22.50
		25	0	20.97	21.11	21.01	21.50
		25	13	21.06	21.01	21.09	21.50
		25	25	20.97	21.21	20.99	21.50
		50	0	21.03	21.14	20.96	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.08	22.87	22.90	23.50
		1	38	22.96	22.94	22.90	23.50
		1	74	22.83	22.94	22.83	23.50
		36	0	22.90	22.91	22.91	23.50
		36	18	22.78	22.87	22.88	23.50
		36	39	22.81	22.87	22.71	23.50
		75	0	22.72	22.46	22.49	23.50
	16QAM	1	0	22.96	22.63	22.75	23.50
		1	38	22.69	22.44	22.85	23.50
		1	74	22.77	22.77	22.04	23.50
		36	0	22.97	22.77	22.93	23.50
		36	18	23.10	22.79	22.69	23.50
		36	39	22.74	22.78	22.81	23.50
		75	0	22.81	22.80	22.84	23.50
	64QAM	1	0	22.83	22.81	22.86	23.50
		1	38	22.84	22.76	22.92	23.50
		1	74	22.89	23.08	22.81	23.50
		36	0	21.94	21.93	21.90	22.50
		36	18	22.03	21.95	22.05	22.50
		36	39	21.92	22.06	22.00	22.50
		75	0	21.95	22.04	21.99	22.50
	256QAM	1	0	22.07	22.06	22.00	22.50
		1	38	22.44	22.33	22.03	22.50
		1	74	22.35	21.98	22.34	22.50
		36	0	21.02	21.11	20.96	21.50
		36	18	21.07	21.05	21.11	21.50
		36	39	21.00	21.19	20.97	21.50

Bandwidth	Modulation	75	0	21.03	21.12	20.96	21.50
		RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.14	23.16	22.91	23.50
		1	50	23.01	22.93	22.88	23.50
		1	99	22.81	22.90	22.83	23.50
		50	0	22.92	22.97	22.94	23.50
		50	25	22.70	22.86	22.86	23.50
		50	50	22.83	22.87	22.70	23.50
		100	0	22.36	22.48	22.47	23.50
	16QAM	1	0	22.99	22.60	22.77	23.50
		1	50	22.67	22.40	22.80	23.50
		1	99	22.73	22.77	22.07	23.50
		50	0	22.93	22.76	22.87	23.50
		50	25	23.11	22.80	22.70	23.50
		50	50	22.68	22.84	22.83	23.50
		100	0	22.83	22.85	22.82	23.50
	64QAM	1	0	22.85	22.80	22.85	23.50
		1	50	22.83	22.76	22.94	23.50
		1	99	22.90	23.03	22.83	23.50
		50	0	21.93	21.93	21.90	22.50
		50	25	21.99	21.97	22.06	22.50
		50	50	21.89	22.04	21.99	22.50
		100	0	21.93	22.05	21.97	22.50
	256QAM	1	0	22.11	22.06	22.03	22.50
		1	50	22.44	22.33	22.02	22.50
		1	99	22.35	21.94	22.32	22.50
		50	0	21.01	21.09	21.01	21.50
		50	25	21.10	21.06	21.09	21.50
		50	50	20.99	21.24	20.96	21.50
		100	0	21.04	21.15	21.00	21.50

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	24.98	24.96	25.13	25.50
		1	13	24.94	24.95	24.72	25.50
		1	24	24.93	24.86	24.39	25.50
		12	0	24.20	24.07	24.16	24.50
		12	6	24.19	24.26	24.08	24.50
		12	13	24.27	24.24	23.68	24.50
		25	0	24.24	24.11	23.92	24.50
	16QAM	1	0	24.12	24.13	23.99	24.50
		1	13	24.09	24.46	24.08	24.50
		1	24	24.38	24.23	23.90	24.50
		12	0	23.13	23.17	23.20	23.50
		12	6	23.28	23.21	23.28	23.50

		12	13	23.34	23.39	23.01	23.50
		25	0	23.14	23.05	23.12	23.50
	64QAM	1	0	22.92	22.89	23.04	23.50
		1	13	23.16	23.20	22.92	23.50
		1	24	23.18	23.10	22.29	23.50
		12	0	22.13	22.00	22.09	22.50
		12	6	22.11	22.20	22.02	22.50
		12	13	22.21	22.15	21.59	22.50
		25	0	22.16	22.01	21.85	22.50
	256QAM	1	0	22.06	22.06	21.93	22.50
		1	13	22.02	22.38	22.00	22.50
		1	24	22.33	22.17	21.81	22.50
		12	0	21.07	21.09	21.10	21.50
		12	6	21.21	21.16	21.21	21.50
		12	13	21.25	21.32	20.91	21.50
		25	0	21.04	21.00	21.06	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	25.09	25.16	25.07	25.50
		1	25	25.05	25.05	25.06	25.50
		1	49	25.07	25.01	24.63	25.50
		25	0	24.16	24.16	24.10	24.50
		25	13	24.29	24.21	24.19	24.50
		25	25	24.29	24.12	24.27	24.50
		50	0	24.19	24.05	24.19	24.50
	16QAM	1	0	24.36	24.11	24.23	24.50
		1	25	24.17	24.01	24.14	24.50
		1	49	24.19	24.18	24.17	24.50
		25	0	23.20	23.15	23.19	23.50
		25	13	23.24	23.24	23.21	23.50
		25	25	23.23	23.21	23.37	23.50
		50	0	23.29	23.20	23.17	23.50
	64QAM	1	0	22.89	22.91	23.07	23.50
		1	25	23.19	23.15	22.96	23.50
		1	49	23.17	23.11	22.34	23.50
		25	0	22.14	21.98	22.07	22.50
		25	13	22.14	22.21	22.00	22.50
		25	25	22.17	22.17	21.63	22.50
		50	0	22.17	22.03	21.83	22.50
	256QAM	1	0	22.04	22.03	21.94	22.50
		1	25	22.01	22.41	21.99	22.50
		1	49	22.33	22.15	21.80	22.50
		25	0	21.07	21.10	21.13	21.50
		25	13	21.20	21.14	21.21	21.50
		25	25	21.28	21.33	20.95	21.50
		50	0	21.06	20.97	21.04	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	24.80	24.91	24.81	25.50

		1	38	24.86	24.86	25.03	25.50
		1	74	25.03	25.03	24.78	25.50
		36	0	24.06	23.95	24.05	24.50
		36	18	24.16	24.11	24.03	24.50
		36	39	24.14	24.12	24.11	24.50
		75	0	24.12	24.09	24.14	24.50
	16QAM	1	0	24.13	24.45	24.38	24.50
		1	38	24.05	24.20	24.48	24.50
		1	74	24.10	24.23	24.15	24.50
		36	0	22.92	22.98	22.90	23.50
		36	18	23.11	23.08	23.07	23.50
		36	39	23.16	23.01	23.11	23.50
		75	0	23.14	23.03	23.02	23.50
	64QAM	1	0	22.88	22.91	23.03	23.50
		1	38	23.14	23.18	22.93	23.50
		1	74	23.17	23.10	22.33	23.50
		36	0	22.14	21.98	22.07	22.50
		36	18	22.11	22.16	22.03	22.50
		36	39	22.18	22.17	21.59	22.50
		75	0	22.14	22.02	21.82	22.50
	256QAM	1	0	22.07	22.08	21.94	22.50
		1	38	22.00	22.40	22.01	22.50
		1	74	22.30	22.17	21.83	22.50
		36	0	21.05	21.10	21.10	21.50
		36	18	21.19	21.11	21.23	21.50
		36	39	21.27	21.34	20.93	21.50
		75	0	21.04	21.00	21.05	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	25.05	25.17	24.92	25.50
		1	50	24.91	25.04	25.14	25.50
		1	99	25.08	24.95	24.84	25.50
		50	0	24.10	24.16	24.02	24.50
		50	25	24.09	24.11	24.09	24.50
		50	50	24.01	24.08	24.01	24.50
		100	0	24.14	24.15	24.11	24.50
	16QAM	1	0	24.48	23.77	24.27	24.50
		1	50	24.04	24.09	24.13	24.50
		1	99	24.17	24.02	24.12	24.50
		50	0	23.06	23.03	22.93	23.50
		50	25	23.14	23.03	23.14	23.50
		50	50	23.23	23.15	23.23	23.50
		100	0	23.14	23.12	23.19	23.50
	64QAM	1	0	22.89	22.87	23.06	23.50
		1	50	23.15	23.16	22.95	23.50
		1	99	23.18	23.09	22.34	23.50
		50	0	22.14	21.98	22.07	22.50
		50	25	22.12	22.21	21.98	22.50
		50	50	22.22	22.15	21.63	22.50

		100	0	22.18	22.06	21.83	22.50
	256QAM	1	0	22.06	22.05	21.91	22.50
		1	50	22.02	22.36	22.03	22.50
		1	99	22.31	22.14	21.81	22.50
		50	0	21.05	21.07	21.10	21.50
		50	25	21.21	21.13	21.20	21.50
		50	50	21.29	21.30	20.96	21.50
		100	0	21.04	20.95	21.05	21.50

LTE Band 7 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.77	17.87	18.11	18.50
		1	13	17.66	17.93	17.50	18.50
		1	24	17.69	17.89	17.05	18.50
		12	0	18.09	18.00	18.15	18.50
		12	6	18.00	18.07	17.91	18.50
		12	13	17.73	17.74	17.42	18.50
		25	0	17.61	17.69	17.99	18.50
	16QAM	1	0	17.82	18.08	18.12	18.50
		1	13	18.11	18.06	18.00	18.50
		1	24	17.94	17.90	18.05	18.50
		12	0	17.97	17.83	17.80	18.50
		12	6	17.82	18.03	18.11	18.50
		12	13	17.95	17.89	17.75	18.50
		25	0	17.91	17.91	17.89	18.50
	64QAM	1	0	18.06	17.79	17.82	18.50
		1	13	17.99	17.90	17.80	18.50
		1	24	18.02	17.96	17.14	18.50
		12	0	18.11	17.80	17.97	18.50
		12	6	17.98	18.00	18.05	18.50
		12	13	17.98	18.09	17.55	18.50
		25	0	18.03	17.96	17.82	18.50
	256QAM	1	0	17.79	17.89	17.84	18.50
		1	13	17.76	17.93	17.87	18.50
		1	24	17.86	18.07	18.11	18.50
		12	0	18.01	18.13	18.09	18.50
		12	6	18.08	18.07	18.06	18.50
		12	13	18.14	18.06	17.97	18.50
		25	0	17.99	17.97	18.00	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	18.04	18.01	17.91	18.50
		1	25	17.99	17.75	17.95	18.50
		1	49	18.08	17.78	17.42	18.50
		25	0	17.97	17.86	18.04	18.50
		25	13	18.06	18.02	18.14	18.50

		25	25	18.00	17.96	17.93	18.50
		50	0	17.99	18.02	17.83	18.50
	16QAM	1	0	17.93	17.91	17.94	18.50
		1	25	18.07	18.03	17.95	18.50
		1	49	18.04	18.17	18.09	18.50
		25	0	18.05	18.04	18.12	18.50
		25	13	17.96	18.11	18.10	18.50
		25	25	18.00	18.10	18.11	18.50
		50	0	18.02	17.96	18.01	18.50
	64QAM	1	0	17.98	17.96	17.86	18.50
		1	25	17.99	18.05	18.08	18.50
		1	49	17.87	18.02	17.41	18.50
		25	0	17.88	17.84	17.83	18.50
		25	13	17.98	17.87	17.72	18.50
		25	25	18.08	17.99	17.40	18.50
		50	0	18.06	17.89	17.88	18.50
	256QAM	1	0	18.09	17.94	17.69	18.50
		1	25	17.90	18.02	18.02	18.50
		1	49	17.82	17.86	17.66	18.50
		25	0	18.02	18.12	17.87	18.50
		25	13	18.13	17.82	18.08	18.50
		25	25	18.05	18.05	18.12	18.50
		50	0	17.76	17.91	17.79	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.69	17.96	17.68	18.50
		1	38	17.64	17.90	18.00	18.50
		1	74	17.84	18.15	17.64	18.50
		36	0	17.76	17.76	18.07	18.50
		36	18	18.06	17.98	17.91	18.50
		36	39	18.04	18.05	17.93	18.50
		75	0	18.02	17.85	17.84	18.50
	16QAM	1	0	18.00	17.90	17.99	18.50
		1	38	18.16	18.04	17.96	18.50
		1	74	18.01	18.10	18.04	18.50
		36	0	18.02	18.01	17.85	18.50
		36	18	18.10	18.08	17.90	18.50
		36	39	17.99	18.03	18.17	18.50
		75	0	18.10	18.01	18.12	18.50
	64QAM	1	0	17.64	17.82	17.83	18.50
		1	38	18.01	17.81	18.04	18.50
		1	74	17.92	17.86	17.92	18.50
		36	0	18.00	18.05	17.84	18.50
		36	18	17.83	18.04	17.84	18.50
		36	39	17.74	18.06	17.43	18.50
		75	0	17.99	17.94	17.94	18.50
	256QAM	1	0	18.17	17.78	17.76	18.50
		1	38	17.71	18.10	17.85	18.50
		1	74	18.09	17.94	17.78	18.50

		36	0	18.13	17.89	18.01	18.50
		36	18	18.03	18.00	18.11	18.50
		36	39	17.98	18.07	17.99	18.50
		75	0	18.00	17.82	17.75	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.83	18.18	17.99	18.50
		1	50	17.81	17.84	18.01	18.50
		1	99	17.82	17.76	17.80	18.50
		50	0	17.93	18.02	17.91	18.50
		50	25	17.98	18.00	18.00	18.50
		50	50	17.88	17.97	17.75	18.50
		100	0	17.94	18.13	17.89	18.50
	16QAM	1	0	17.95	17.83	17.97	18.50
		1	50	17.99	17.95	18.06	18.50
		1	99	18.00	17.96	18.00	18.50
		50	0	17.90	18.08	17.67	18.50
		50	25	17.90	17.73	17.70	18.50
		50	50	17.93	17.98	17.95	18.50
		100	0	18.08	17.90	17.98	18.50
	64QAM	1	0	17.99	17.93	17.97	18.50
		1	50	17.99	18.10	17.93	18.50
		1	99	18.09	17.86	17.17	18.50
		50	0	17.98	17.81	17.88	18.50
		50	25	18.09	17.97	17.80	18.50
		50	50	18.03	17.98	17.44	18.50
		100	0	17.97	17.85	17.77	18.50
	256QAM	1	0	18.15	17.97	17.73	18.50
		1	50	18.17	17.96	17.82	18.50
		1	99	18.15	17.95	17.70	18.50
		50	0	18.10	17.85	18.04	18.50
		50	25	17.98	18.05	18.14	18.50
		50	50	18.10	18.02	18.13	19.50
		100	0	18.15	18.11	18.13	19.50

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	24.94	25.00	24.99	25.70
		1	13	25.04	25.05	25.01	25.70
		1	24	24.91	24.96	24.88	25.70
		12	0	24.05	24.10	24.07	24.70
		12	6	24.07	24.09	24.13	24.70
		12	13	24.05	24.11	24.05	24.70
		25	0	24.03	24.03	24.07	24.70
	16QAM	1	0	24.15	24.18	24.15	24.70
		1	13	24.13	24.38	24.37	24.70

		1	24	24.04	24.16	24.42	24.70
		12	0	23.06	23.03	23.01	23.70
		12	6	23.09	23.08	23.05	23.70
		12	13	23.04	23.13	22.98	23.70
		25	0	23.15	23.08	23.08	23.70
	64QAM	1	0	22.84	22.95	22.92	23.70
		1	13	22.95	22.97	22.95	23.70
		1	24	22.84	22.91	22.79	23.70
		12	0	21.97	22.00	21.99	22.70
		12	6	21.97	22.03	22.03	22.70
		12	13	22.00	22.05	21.96	22.70
		25	0	21.95	21.96	21.98	22.70
	256QAM	1	0	22.09	22.09	22.10	22.70
		1	13	22.05	22.31	22.29	22.70
		1	24	21.95	22.07	22.34	22.70
		12	0	20.99	20.97	20.93	21.70
		12	6	21.02	20.99	20.99	21.70
		12	13	20.99	21.05	20.90	21.70
		25	0	21.08	21.03	20.98	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	24.95	24.85	24.97	25.70
		1	25	24.86	24.97	24.95	25.70
		1	49	24.89	25.05	24.92	25.70
		25	0	24.12	24.06	24.10	24.70
		25	13	24.14	24.09	24.11	24.70
		25	25	23.96	24.04	23.99	24.70
		50	0	24.06	24.12	24.02	24.70
	16QAM	1	0	23.98	24.15	24.16	24.70
		1	25	24.02	24.09	24.13	24.70
		1	49	24.03	24.12	24.00	24.70
		25	0	23.00	22.97	23.13	23.70
		25	13	23.15	23.17	23.12	23.70
		25	25	22.89	23.16	23.11	23.70
		50	0	23.14	23.11	23.10	23.70
	64QAM	1	0	22.84	22.93	22.90	23.70
		1	25	22.96	22.97	22.92	23.70
		1	49	22.86	22.91	22.81	23.70
		25	0	21.97	22.05	21.97	22.70
		25	13	21.97	21.99	22.05	22.70
		25	25	21.98	22.04	21.95	22.70
		50	0	21.96	21.94	22.02	22.70
	256QAM	1	0	22.09	22.08	22.05	22.70
		1	25	22.07	22.28	22.29	22.70
		1	49	21.99	22.06	22.34	22.70
		25	0	20.99	20.97	20.95	21.70
		25	13	21.04	21.01	20.99	21.70
		25	25	20.99	21.03	20.89	21.70
		50	0	21.06	21.03	20.99	21.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	24.87	24.79	24.92	25.70
		1	38	24.80	24.96	24.77	25.70
		1	74	24.94	25.00	24.86	25.70
		36	0	23.87	23.91	23.97	24.70
		36	18	23.91	23.92	23.97	24.70
		36	39	23.85	23.93	23.83	24.70
		75	0	23.99	23.90	23.90	24.70
	16QAM	1	0	24.05	24.02	23.95	24.70
		1	38	23.96	23.98	24.02	24.70
		1	74	24.03	24.00	23.94	24.70
		36	0	22.84	22.79	22.83	23.70
		36	18	22.87	22.91	22.90	23.70
		36	39	22.80	22.92	22.83	23.70
		75	0	22.99	22.92	23.00	23.70
	64QAM	1	0	22.88	22.91	22.93	23.70
		1	38	22.94	23.00	22.91	23.70
		1	74	22.82	22.90	22.82	23.70
		36	0	21.97	22.01	21.99	22.70
		36	18	21.99	22.02	22.08	22.70
		36	39	21.98	22.01	21.97	22.70
		75	0	21.95	21.97	22.02	22.70
	256QAM	1	0	22.10	22.08	22.09	22.70
		1	38	22.05	22.30	22.30	22.70
		1	74	21.99	22.09	22.33	22.70
		36	0	21.01	20.93	20.93	21.70
		36	18	21.01	20.99	20.95	21.70
		36	39	20.97	21.06	20.90	21.70
		75	0	21.06	20.98	21.00	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	24.94	25.16	25.08	25.70
		1	50	24.85	25.03	25.00	25.70
		1	99	25.10	25.11	25.06	25.70
		50	0	24.05	24.11	24.05	24.70
		50	25	24.07	24.01	24.05	24.70
		50	50	24.07	24.09	24.06	24.70
		100	0	24.01	24.07	24.05	24.70
	16QAM	1	0	24.25	24.16	24.18	24.70
		1	50	24.16	24.10	24.22	24.70
		1	99	24.19	24.27	24.18	24.70
		50	0	23.12	23.10	23.16	23.70
		50	25	23.12	23.08	23.20	23.70
		50	50	23.16	23.16	23.12	23.70
		100	0	23.06	23.13	23.18	23.70
	64QAM	1	0	23.02	23.10	23.07	23.70
		1	50	23.15	23.13	23.10	23.70
		1	99	23.04	23.05	22.97	23.70

		50	0	22.15	22.23	22.19	22.70
		50	25	22.20	22.22	22.22	22.70
		50	50	22.17	22.24	22.16	22.70
		100	0	22.12	22.16	22.15	22.70
	256QAM	1	0	22.28	22.30	22.27	22.70
		1	50	22.25	22.47	22.45	22.70
		1	99	22.15	22.24	22.50	22.70
		50	0	21.16	21.14	21.10	21.70
		50	25	21.22	21.16	21.18	21.70
		50	50	21.16	21.26	21.10	21.70
		100	0	21.26	21.17	21.20	21.70

LTE Band 38 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.34	20.44	20.36	21.20
		1	13	20.49	20.44	20.44	21.20
		1	24	20.32	20.34	20.28	21.20
		12	0	20.43	20.47	20.43	21.20
		12	6	20.46	20.52	20.51	21.20
		12	13	20.42	20.53	20.50	21.20
		25	0	20.38	20.48	20.45	21.20
	16QAM	1	0	20.53	20.54	20.58	21.20
		1	13	20.55	20.51	20.49	21.20
		1	24	20.43	20.60	20.51	21.20
		12	0	20.51	20.47	20.37	21.20
		12	6	20.52	20.43	20.50	21.20
		12	13	20.43	20.52	20.35	21.20
		25	0	20.60	20.52	20.53	21.20
	64QAM	1	0	20.20	20.34	20.32	21.20
		1	13	20.33	20.40	20.37	21.20
		1	24	20.23	20.30	20.14	21.20
		12	0	20.41	20.44	20.37	21.20
		12	6	20.38	20.45	20.45	21.20
		12	13	20.39	20.47	20.36	21.20
		25	0	20.35	20.31	20.36	21.20
	256QAM	1	0	20.45	20.52	20.48	21.20
		1	13	20.48	20.43	20.34	21.20
		1	24	20.35	20.46	20.40	21.20
		12	0	20.41	20.42	20.33	21.20
		12	6	20.43	20.40	20.41	21.20
		12	13	20.37	20.42	20.27	21.20
		25	0	20.43	20.40	20.38	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20.40	20.29	20.40	21.20
		1	25	20.29	20.40	20.38	21.20

		1	49	20.26	20.46	20.35	21.20
		25	0	20.52	20.50	20.54	21.20
		25	13	20.58	20.48	20.50	21.20
		25	25	20.33	20.49	20.44	21.20
		50	0	20.43	20.49	20.47	21.20
	16QAM	1	0	20.33	20.56	20.55	21.20
		1	25	20.45	20.46	20.58	21.20
		1	49	20.41	20.54	20.40	21.20
		25	0	20.39	20.41	20.52	21.20
		25	13	20.52	20.32	20.54	21.20
		25	25	20.33	20.55	20.49	21.20
		50	0	20.56	20.49	20.53	21.20
	64QAM	1	0	20.20	20.34	20.27	21.20
		1	25	20.41	20.34	20.30	21.20
		1	49	20.21	20.26	20.19	21.20
		25	0	20.33	20.45	20.32	21.20
		25	13	20.34	20.43	20.41	21.20
		25	25	20.33	20.43	20.33	21.20
		50	0	20.32	20.37	20.45	21.20
	256QAM	1	0	20.53	20.49	20.45	21.20
		1	25	20.51	20.43	20.44	21.20
		1	49	20.43	20.48	20.44	21.20
		25	0	20.35	20.32	20.32	21.20
		25	13	20.42	20.42	20.38	21.20
		25	25	20.43	20.40	20.27	21.20
		50	0	20.43	20.46	20.37	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	20.26	20.24	20.35	21.20
		1	38	20.19	20.36	20.14	21.20
		1	74	20.30	20.40	20.25	21.20
		36	0	20.24	20.35	20.35	21.20
		36	18	20.26	20.32	20.35	21.20
		36	39	20.23	20.30	20.26	21.20
		75	0	20.38	20.34	20.27	21.20
	16QAM	1	0	20.43	20.41	20.37	21.20
		1	38	20.34	20.33	20.44	21.20
		1	74	20.44	20.42	20.35	21.20
		36	0	20.21	20.23	20.28	21.20
		36	18	20.31	20.36	20.31	21.20
		36	39	20.16	20.30	20.20	21.20
		75	0	20.38	20.29	20.37	21.20
	64QAM	1	0	20.26	20.28	20.32	21.20
		1	38	20.38	20.35	20.36	21.20
		1	74	20.20	20.33	20.21	21.20
		36	0	20.33	20.46	20.37	21.20
		36	18	20.37	20.39	20.48	21.20
		36	39	20.37	20.44	20.37	21.20
		75	0	20.40	20.38	20.37	21.20

		1	0	20.55	20.43	20.52	21.20
		1	38	20.41	20.43	20.45	21.20
		1	74	20.38	20.52	20.45	21.20
	256QAM	36	0	20.38	20.29	20.35	21.20
		36	18	20.45	20.37	20.34	21.20
		36	39	20.40	20.43	20.32	21.20
		75	0	20.47	20.36	20.37	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	20.29	20.67	20.50	21.20
		1	50	20.20	20.40	20.35	21.20
		1	99	20.49	20.47	20.41	21.20
		50	0	20.44	20.52	20.45	21.20
		50	25	20.42	20.40	20.41	21.20
		50	50	20.50	20.45	20.47	21.20
		100	0	20.41	20.42	20.34	21.20
	16QAM	1	0	20.37	20.52	20.33	21.20
		1	50	20.58	20.49	20.31	21.20
		1	99	20.33	20.35	20.53	21.20
		50	0	20.50	20.54	20.31	21.20
		50	25	20.53	20.50	20.34	21.20
		50	50	20.52	20.60	20.51	21.20
		100	0	20.42	20.54	20.59	21.20
	64QAM	1	0	20.44	20.50	20.49	21.20
		1	50	20.51	20.57	20.51	21.20
		1	99	20.43	20.46	20.33	21.20
		50	0	20.50	20.60	20.31	21.20
		50	25	20.58	20.37	20.34	21.20
		50	50	20.54	20.60	20.54	21.20
		100	0	20.47	20.56	20.53	21.20
	256QAM	1	0	20.35	20.41	20.41	21.20
		1	50	20.38	20.60	20.56	21.20
		1	99	20.56	20.36	20.32	21.20
		50	0	20.60	20.59	20.49	21.20
		50	25	20.58	20.31	20.53	21.20
		50	50	20.58	20.41	20.51	21.20
		100	0	20.33	20.60	20.56	21.20

LTE Band 41				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	24.38	24.22	24.30	24.27	24.21	25.70
		1	13	24.42	24.37	24.39	24.39	24.27	25.70
		1	24	24.33	24.31	24.38	24.39	24.18	25.70
		12	0	23.69	24.05	24.20	24.10	24.07	24.70
		12	6	23.68	24.12	24.19	24.11	24.10	24.70
		12	13	23.68	24.06	24.21	24.14	23.98	24.70

		25	0	23.62	24.06	24.09	24.09	24.01	24.70	
		16QAM	1	0	23.73	24.10	24.28	23.92	23.99	24.70
			1	13	23.76	24.23	24.45	24.22	24.18	24.70
			1	24	23.73	24.17	24.24	24.22	24.15	24.70
			12	0	22.64	23.05	23.16	23.08	22.99	23.70
			12	6	22.60	23.13	23.15	23.08	23.00	23.70
			12	13	22.61	23.05	23.16	23.06	23.02	23.70
			25	0	22.67	23.12	23.15	23.24	23.04	23.70
		64QAM	1	0	22.51	22.31	22.44	22.39	22.33	23.70
			1	13	22.51	22.51	22.49	22.53	22.40	23.70
			1	24	22.46	22.45	22.48	22.52	22.28	23.70
			12	0	21.60	21.98	22.15	22.05	22.02	22.70
			12	6	21.61	22.04	22.14	22.03	22.04	22.70
			12	13	21.59	22.01	22.14	22.08	21.89	22.70
			25	0	21.55	21.98	22.02	21.99	21.96	22.70
		256QAM	1	0	21.65	22.04	22.19	21.85	21.94	22.70
			1	13	21.68	22.18	22.35	22.13	22.11	22.70
			1	24	21.65	22.12	22.17	22.14	22.09	22.70
			12	0	20.56	20.97	21.10	21.01	20.94	21.70
			12	6	20.54	21.08	21.09	21.00	20.91	21.70
			12	13	20.54	20.97	21.11	20.99	20.93	21.70
	25		0	20.60	21.02	21.05	21.14	20.96	21.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39700	40160	40620	41080	41540	
	10MHz	QPSK	1	0	24.31	24.33	24.44	24.30	24.46	25.70
			1	25	24.34	24.29	24.38	24.31	24.25	25.70
			1	49	24.29	24.25	24.36	24.36	24.17	25.70
			25	0	23.55	23.94	23.97	23.92	23.94	24.70
25			13	23.48	23.96	24.01	23.96	23.92	24.70	
25			25	23.45	23.88	24.06	23.96	23.88	24.70	
50			0	23.48	23.97	24.04	23.98	23.89	24.70	
16QAM		1	0	23.68	24.22	24.26	24.17	24.13	24.70	
		1	25	23.80	24.11	24.31	24.15	24.17	24.70	
		1	49	23.71	24.15	24.23	24.19	24.03	24.70	
		25	0	22.72	23.09	23.19	23.10	23.15	23.70	
		25	13	22.72	23.18	23.25	23.19	23.15	23.70	
		25	25	22.73	23.12	23.27	23.18	23.12	23.70	
		50	0	22.72	23.15	23.13	23.21	23.06	23.70	
64QAM		1	0	22.50	22.34	22.39	22.38	22.32	23.70	
		1	25	22.55	22.50	22.48	22.50	22.41	23.70	
		1	49	22.45	22.41	22.52	22.49	22.28	23.70	
		25	0	21.60	21.96	22.15	22.02	22.00	22.70	
		25	13	21.59	22.04	22.13	22.04	22.01	22.70	
		25	25	21.58	21.98	22.16	22.06	21.90	22.70	
		50	0	21.53	22.00	21.99	22.03	21.92	22.70	
256QAM		1	0	21.68	22.01	22.19	21.83	21.90	22.70	
		1	25	21.66	22.13	22.35	22.15	22.08	22.70	
		1	49	21.63	22.07	22.14	22.13	22.05	22.70	
		25	0	20.56	21.00	21.09	20.98	20.90	21.70	

		25	13	20.54	21.07	21.08	21.02	20.91	21.70
		25	25	20.52	20.96	21.08	20.98	20.96	21.70
		50	0	20.62	21.03	21.08	21.19	20.96	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.34	24.47	24.47	24.39	24.40	25.70
		1	38	24.32	24.22	24.38	24.29	24.13	25.70
		1	74	24.39	24.43	24.48	24.28	24.20	25.70
		36	0	23.47	23.92	24.11	23.91	23.94	24.70
		36	18	23.48	24.00	23.99	23.88	23.95	24.70
		36	39	23.47	23.90	23.98	23.95	23.87	24.70
		75	0	23.57	23.99	24.02	23.89	23.92	24.70
	16QAM	1	0	23.58	24.07	24.07	24.18	24.06	24.70
		1	38	23.54	23.98	24.15	23.95	23.94	24.70
		1	74	23.49	24.12	24.03	24.03	23.99	24.70
		36	0	22.47	23.01	22.94	22.86	22.89	23.70
		36	18	22.51	23.01	23.02	22.86	22.86	23.70
		36	39	22.53	22.95	23.02	23.03	22.85	23.70
		75	0	22.62	23.02	23.07	23.05	22.90	23.70
	64QAM	1	0	22.48	22.32	22.42	22.41	22.32	23.70
		1	38	22.52	22.46	22.52	22.49	22.36	23.70
		1	74	22.47	22.43	22.50	22.53	22.31	23.70
		36	0	21.64	21.98	22.13	22.03	22.02	22.70
		36	18	21.63	22.03	22.14	22.04	22.03	22.70
		36	39	21.60	21.99	22.11	22.07	21.92	22.70
		75	0	21.56	22.01	22.03	22.04	21.93	22.70
	256QAM	1	0	21.68	22.02	22.22	21.83	21.90	22.70
		1	38	21.69	22.17	22.35	22.15	22.12	22.70
		1	74	21.67	22.11	22.19	22.17	22.10	22.70
		36	0	20.54	20.97	21.10	20.98	20.94	21.70
		36	18	20.55	21.07	21.06	20.99	20.90	21.70
		36	39	20.52	20.98	21.11	20.97	20.97	21.70
		75	0	20.60	21.04	21.09	21.17	20.94	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	24.36	24.42	24.50	24.39	24.43	25.70
		1	50	24.37	24.39	24.41	24.32	24.15	25.70
		1	99	24.23	24.17	24.32	24.20	24.15	25.70
		50	0	23.56	24.02	24.05	23.89	23.86	24.70
		50	25	23.61	24.02	24.01	23.97	23.87	24.70
		50	50	23.54	24.03	23.96	24.03	23.90	24.70
		100	0	23.57	23.98	24.05	23.93	23.80	24.70
	16QAM	1	0	23.59	23.99	24.15	24.07	24.12	24.70
		1	50	23.61	23.97	24.14	23.96	23.88	24.70
		1	99	23.60	24.09	24.18	24.07	23.88	24.70
		50	0	22.53	23.09	23.01	22.96	22.92	23.70
		50	25	22.65	23.07	23.15	22.96	22.81	23.70
		50	50	22.61	23.06	23.06	23.14	22.96	23.70
		100	0	22.62	23.08	23.05	23.03	22.92	23.70

	64QAM	1	0	22.50	22.36	22.42	22.37	22.31	23.70
		1	50	22.54	22.48	22.49	22.50	22.40	23.70
		1	99	22.46	22.44	22.51	22.50	22.32	23.70
		50	0	21.60	21.98	22.12	22.02	22.02	22.70
		50	25	21.58	22.06	22.14	22.02	22.02	22.70
		50	50	21.61	21.98	22.14	22.09	21.88	22.70
		100	0	21.52	21.96	22.03	22.02	21.93	22.70
	256QAM	1	0	21.68	22.05	22.21	21.83	21.90	22.70
		1	50	21.66	22.17	22.37	22.16	22.11	22.70
		1	99	21.65	22.09	22.15	22.16	22.08	22.70
		50	0	20.58	20.95	21.09	21.00	20.92	21.70
		50	25	20.52	21.06	21.07	21.00	20.92	21.70
		50	50	20.52	20.98	21.07	20.99	20.95	21.70
		100	0	20.59	21.03	21.08	21.17	20.94	21.70

LTE Band 41 Hotspot on				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	20.13	19.89	19.90	19.99	19.81	21.70
		1	13	20.05	20.03	20.05	20.08	20.06	21.70
		1	24	20.10	19.91	19.97	20.03	19.91	21.70
		12	0	20.45	20.40	20.54	20.41	20.45	21.70
		12	6	20.47	20.20	20.49	20.42	20.39	21.70
		12	13	20.27	20.50	20.24	20.55	20.41	21.70
		25	0	20.39	20.43	20.54	20.26	20.34	21.70
	16QAM	1	0	20.40	20.46	20.42	20.56	20.48	21.70
		1	13	20.36	20.46	20.46	20.52	20.48	21.70
		1	24	20.47	20.52	20.41	20.34	20.27	21.70
		12	0	20.25	20.35	20.29	20.40	20.38	21.70
		12	6	20.24	20.27	20.31	20.27	20.32	21.70
		12	13	20.24	20.41	20.34	20.38	20.43	21.70
		25	0	20.34	20.28	20.33	20.55	20.40	21.70
	64QAM	1	0	20.21	19.97	20.09	20.18	20.06	21.70
		1	13	20.26	20.30	20.20	20.30	19.99	21.70
		1	24	20.08	20.07	20.20	20.19	19.88	21.70
		12	0	20.25	20.41	20.52	20.50	20.42	21.70
		12	6	20.37	20.43	20.45	20.44	20.34	21.70
		12	13	20.37	20.35	20.12	20.42	20.51	21.70
		25	0	20.19	20.36	20.33	20.44	20.34	21.70
	256QAM	1	0	20.37	20.35	20.00	20.30	20.55	21.70
		1	13	20.37	20.37	20.54	20.56	20.40	21.70
		1	24	20.40	20.28	20.29	20.28	20.40	21.70
		12	0	20.17	20.28	20.39	20.41	20.30	21.70
		12	6	20.24	20.47	20.56	20.35	20.55	21.70
		12	13	20.26	20.37	20.29	20.42	20.39	21.70
		25	0	20.20	20.38	20.42	20.47	20.34	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up

				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	20.03	20.03	20.11	20.02	20.16	21.70
		1	25	20.00	19.92	20.13	19.92	20.04	21.70
		1	49	20.07	19.89	20.03	20.08	19.79	21.70
		25	0	20.30	20.54	20.37	20.27	20.40	21.70
		25	13	20.17	20.39	20.49	20.42	20.55	21.70
		25	25	20.05	20.36	20.44	20.33	20.30	21.70
		50	0	20.16	20.42	20.45	20.35	20.51	21.70
	16QAM	1	0	20.28	20.34	20.37	20.28	20.53	21.70
		1	25	20.47	20.42	20.44	20.32	20.46	21.70
		1	49	20.33	20.53	20.34	20.55	20.47	21.70
		25	0	20.40	20.41	20.52	20.50	20.48	21.70
		25	13	20.47	20.28	20.36	20.54	20.52	21.70
		25	25	20.37	20.43	20.38	20.34	20.41	21.70
		50	0	20.40	20.45	20.31	20.36	20.53	21.70
	64QAM	1	0	20.13	20.11	19.98	20.13	20.00	21.70
		1	25	20.26	20.09	20.18	20.11	20.07	21.70
		1	49	20.17	20.18	20.19	20.20	19.98	21.70
		25	0	20.38	20.28	20.28	20.38	20.49	21.70
		25	13	20.23	20.41	20.45	20.52	20.36	21.70
		25	25	20.30	20.44	20.46	20.38	20.33	21.70
		50	0	20.22	20.34	20.43	20.37	20.55	21.70
	256QAM	1	0	20.44	20.48	20.50	20.31	20.35	21.70
		1	25	20.37	20.28	20.41	20.50	20.49	21.70
		1	49	20.32	20.45	20.31	20.56	20.40	21.70
		25	0	20.16	20.29	20.40	20.35	20.28	21.70
		25	13	20.21	20.42	20.44	20.41	20.32	21.70
		25	25	20.27	20.45	20.47	20.37	20.34	21.70
		50	0	20.21	20.47	20.42	20.31	20.55	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	20.06	20.13	20.17	20.15	20.04	21.70
		1	38	20.04	19.81	20.13	19.97	19.85	21.70
		1	74	19.98	20.04	20.07	19.93	19.84	21.70
		36	0	20.06	20.28	20.30	20.37	20.43	21.70
		36	18	20.13	20.44	20.42	20.31	20.30	21.70
		36	39	20.14	20.28	20.37	20.43	20.48	21.70
		75	0	20.27	20.34	20.51	20.34	20.54	21.70
	16QAM	1	0	20.23	20.44	20.56	20.27	20.48	21.70
		1	38	20.30	20.39	20.45	20.35	20.33	21.70
		1	74	20.14	20.53	20.43	20.40	20.48	21.70
		36	0	20.16	20.44	20.42	20.28	20.49	21.70
		36	18	20.23	20.37	20.42	20.56	20.52	21.70
		36	39	20.23	20.38	20.51	20.50	20.54	21.70
		75	0	20.36	20.38	20.56	20.49	20.28	21.70
	64QAM	1	0	20.19	20.10	20.04	20.05	20.01	21.70
		1	38	20.24	20.15	20.11	20.24	20.10	21.70
		1	74	20.16	20.07	20.12	20.19	19.93	21.70
		36	0	20.33	20.44	20.31	20.42	20.38	21.70

	256QAM	36	18	20.28	20.36	20.44	20.44	20.33	21.70
		36	39	20.20	20.42	20.30	20.38	20.34	21.70
		75	0	20.22	20.35	20.44	20.51	20.37	21.70
		1	0	20.31	20.48	20.52	20.45	20.32	21.70
		1	38	20.33	20.49	20.19	20.39	20.52	21.70
		1	74	20.40	20.54	20.24	20.30	20.47	21.70
		36	0	20.16	20.46	20.45	20.33	20.54	21.70
		36	18	20.20	20.38	20.37	20.36	20.49	21.70
		36	39	20.12	20.41	20.54	20.29	20.42	21.70
		75	0	20.32	20.49	20.28	20.28	20.33	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 39750	Channel 40185	Channel 40620	Channel 41055	Channel 41490	Tune up
20MHz	QPSK	1	0	20.00	20.19	20.58	20.48	20.06	21.70
		1	50	20.05	19.99	20.03	20.09	19.74	21.70
		1	99	19.85	19.96	19.97	19.82	19.80	21.70
		50	0	20.23	20.35	20.45	20.35	20.34	21.70
		50	25	20.40	20.42	20.36	20.29	20.32	21.70
		50	50	20.25	20.41	20.35	20.35	20.36	21.70
		100	0	20.31	20.35	20.43	20.33	20.39	21.70
	16QAM	1	0	20.35	20.42	20.27	20.48	20.54	21.70
		1	50	20.37	20.31	20.43	20.35	20.53	21.70
		1	99	20.34	20.44	20.29	20.40	20.47	21.70
		50	0	20.20	20.41	20.47	20.30	20.33	21.70
		50	25	20.37	20.44	20.28	20.34	20.45	21.70
		50	50	20.20	20.55	20.35	20.50	20.42	21.70
		100	0	20.23	20.44	20.46	20.52	20.30	21.70
	64QAM	1	0	20.25	20.15	20.21	20.09	19.95	21.70
		1	50	20.13	20.13	20.08	20.10	20.19	21.70
		1	99	20.20	20.05	20.11	20.10	20.10	21.70
		50	0	20.20	20.43	20.42	20.38	20.49	21.70
		50	25	20.17	20.41	20.45	20.48	20.41	21.70
		50	50	20.34	20.29	20.29	20.54	20.47	21.70
		100	0	20.14	20.38	20.52	20.46	20.54	21.70
	256QAM	1	0	20.36	20.52	20.30	20.54	20.29	21.70
		1	50	20.40	20.27	20.49	20.35	20.29	21.70
		1	99	20.32	20.48	20.46	20.54	20.51	21.70
		50	0	20.28	20.41	20.44	20.34	20.27	21.70
		50	25	20.17	20.36	20.49	20.49	20.39	21.70
		50	50	20.31	20.28	20.55	20.43	20.44	21.70
		100	0	20.32	20.42	20.48	20.32	20.28	21.70

4 Conducted Power of Main Antenna(Ant3)

4.1 Conducted Power of LTE

LTE Band 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	24.84	24.83	25.08	25.70

		1	2	25.01	24.71	24.83	25.70	
		1	5	25.01	24.99	24.74	25.70	
		3	0	24.99	25.08	24.94	25.70	
		3	2	24.96	24.94	25.00	25.70	
		3	3	25.07	25.02	25.00	25.70	
		6	0	23.96	23.96	24.09	24.70	
	16QAM	1	0	24.24	24.11	24.40	24.70	
		1	2	24.28	24.13	24.15	24.70	
		1	5	24.21	24.15	23.06	24.70	
		3	0	24.19	24.07	24.12	24.70	
		3	2	24.02	23.83	24.01	24.70	
		3	3	24.08	24.06	23.86	24.70	
	64QAM	6	0	23.16	23.03	22.98	23.70	
		1	0	22.76	22.78	22.99	23.70	
		1	2	22.95	22.64	22.78	23.70	
		1	5	23.06	22.92	22.66	23.70	
		3	0	23.07	23.01	22.84	23.70	
		3	2	22.88	23.07	22.91	23.70	
	256QAM	3	3	23.01	22.95	22.92	23.70	
		6	0	21.90	21.88	22.00	22.70	
		1	0	22.16	22.01	22.34	22.70	
		1	2	22.21	22.07	22.10	22.70	
		1	5	22.16	22.05	21.00	22.70	
		3	0	22.13	21.97	22.06	22.70	
	3	2	21.97	21.73	21.94	22.70		
	3	3	21.98	22.00	21.80	22.70		
	6	0	21.06	20.98	20.91	21.70		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	3MHz	QPSK	1	0	24.97	25.01	25.08	25.70
			1	7	24.88	24.87	24.87	25.70
1			14	24.89	24.87	24.68	25.70	
8			0	24.16	24.04	23.97	24.70	
8			4	24.01	23.97	23.94	24.70	
8			7	23.98	23.98	23.98	24.70	
15			0	24.12	24.12	24.06	24.70	
16QAM		1	0	24.21	24.30	24.45	24.70	
		1	7	24.15	24.11	24.26	24.70	
		1	14	24.14	24.22	23.10	24.70	
		8	0	23.02	23.14	22.94	23.70	
		8	4	23.07	22.92	23.01	23.70	
		8	7	22.98	23.06	22.98	23.70	
64QAM		15	0	23.09	23.08	23.02	23.70	
		1	0	22.89	22.95	23.00	23.70	
		1	7	22.79	22.78	22.82	23.70	
		1	14	22.79	22.77	22.62	23.70	
		8	0	22.09	21.99	21.91	22.70	
		8	4	21.94	21.90	21.84	22.70	
256QAM		8	7	21.90	21.93	21.89	22.70	
		15	0	22.03	22.03	21.97	22.70	
		1	0	22.12	22.22	22.35	22.70	
		1	7	22.08	22.01	22.16	22.70	
		1	14	22.06	22.12	21.05	22.70	
	8	0	20.96	21.06	20.86	21.70		
	8	4	21.00	20.84	20.94	21.70		
	8	7	20.88	21.01	20.89	21.70		

Bandwidth	Modulation	15	0	20.99	21.01	20.97	21.70
		RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	24.89	25.00	24.96	25.70
		1	13	25.02	24.79	25.04	25.70
		1	24	24.94	24.89	24.57	25.70
		12	0	24.07	24.13	24.02	24.70
		12	6	24.16	23.99	24.14	24.70
		12	13	24.03	24.09	23.96	24.70
		25	0	24.16	24.06	23.99	24.70
	16QAM	1	0	24.08	24.24	24.34	24.70
		1	13	24.31	24.08	24.19	24.70
		1	24	24.19	24.36	23.08	24.70
		12	0	23.08	23.08	23.14	23.70
		12	6	23.08	22.95	22.98	23.70
		12	13	23.11	23.19	23.13	23.70
		25	0	23.03	23.13	23.11	23.70
	64QAM	1	0	22.91	22.95	23.03	23.70
		1	13	22.80	22.78	22.79	23.70
		1	24	22.82	22.82	22.61	23.70
		12	0	22.10	21.96	21.92	22.70
		12	6	21.94	21.89	21.86	22.70
		12	13	21.91	21.93	21.92	22.70
		25	0	22.07	22.05	22.00	22.70
	256QAM	1	0	22.16	22.23	22.36	22.70
		1	13	22.07	22.01	22.20	22.70
		1	24	22.05	22.17	21.01	22.70
		12	0	20.92	21.05	20.87	21.70
		12	6	21.00	20.87	20.96	21.70
		12	13	20.92	20.96	20.93	21.70
		25	0	21.03	21.03	20.93	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	24.91	24.92	24.92	25.70
		1	25	24.89	24.92	24.90	25.70
		1	49	25.00	24.90	24.64	25.70
		25	0	24.05	24.09	24.04	24.70
		25	13	23.99	23.96	23.95	24.70
		25	25	24.06	24.14	24.04	24.70
		50	0	24.11	24.09	24.08	24.70
	16QAM	1	0	24.21	24.19	24.33	24.70
		1	25	24.31	24.25	24.21	24.70
		1	49	24.28	24.37	23.02	24.70
		25	0	23.15	23.11	22.96	23.70
		25	13	23.07	23.08	23.03	23.70
		25	25	22.99	23.17	22.93	23.70
		50	0	23.05	23.05	23.00	23.70
	64QAM	1	0	22.89	22.95	23.01	23.70
		1	25	22.79	22.81	22.78	23.70
		1	49	22.81	22.82	22.58	23.70
		25	0	22.11	21.98	21.92	22.70
		25	13	21.96	21.91	21.88	22.70
		25	25	21.93	21.93	21.93	22.70
		50	0	22.07	22.04	22.00	22.70
	256QAM	1	0	22.16	22.22	22.36	22.70
		1	25	22.09	22.02	22.17	22.70

		1	49	22.05	22.16	21.00	22.70
		25	0	20.95	21.05	20.85	21.70
		25	13	20.97	20.83	20.93	21.70
		25	25	20.92	20.97	20.91	21.70
		50	0	21.00	20.98	20.97	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	24.93	25.01	25.07	25.70
		1	38	24.99	24.88	24.93	25.70
		1	74	25.03	24.78	24.60	25.70
		36	0	24.04	23.99	23.98	24.70
		36	18	24.12	24.11	23.98	24.70
		36	39	24.12	23.96	24.02	24.70
	16QAM	75	0	24.00	24.01	24.00	24.70
		1	0	24.21	24.29	24.46	24.70
		1	38	24.27	24.13	24.18	24.70
		1	74	24.18	24.27	23.06	24.70
		36	0	23.12	23.10	23.11	23.70
		36	18	23.14	23.02	23.05	23.70
	64QAM	36	39	23.06	23.04	22.97	23.70
		75	0	23.09	22.99	23.12	23.70
		1	0	22.91	22.95	22.98	23.70
		1	38	22.78	22.79	22.80	23.70
		1	74	22.84	22.82	22.58	23.70
		36	0	22.07	21.99	21.89	22.70
	256QAM	36	18	21.95	21.88	21.86	22.70
		36	39	21.89	21.88	21.91	22.70
		75	0	22.03	22.03	21.97	22.70
		1	0	22.13	22.21	22.36	22.70
		1	38	22.05	22.04	22.16	22.70
		1	74	22.08	22.12	21.00	22.70
		36	0	20.96	21.09	20.86	21.70
		36	18	20.99	20.87	20.96	21.70
		36	39	20.92	21.00	20.88	21.70
		75	0	20.99	21.02	20.96	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	25.09	25.18	25.12	25.70
		1	50	25.03	24.97	25.11	25.70
		1	99	25.10	24.97	24.83	25.70
		50	0	24.15	24.18	24.02	24.70
		50	25	24.07	24.06	24.11	24.70
		50	50	24.03	24.06	24.03	24.70
	16QAM	100	0	24.08	24.14	24.05	24.70
		1	0	24.20	24.22	24.30	24.70
		1	50	24.23	24.08	24.29	24.70
		1	99	24.26	24.33	22.96	24.70
		50	0	23.04	23.05	22.94	23.70
		50	25	23.00	22.97	23.05	23.70
	64QAM	50	50	23.06	23.13	23.04	23.70
		100	0	23.15	23.13	23.02	23.70
		1	0	22.89	22.91	22.99	23.70
		1	50	22.82	22.82	22.77	23.70
		1	99	22.79	22.82	22.60	23.70
		50	0	22.08	21.96	21.87	22.70
		50	25	21.96	21.91	21.84	22.70

		50	50	21.93	21.92	21.90	22.70
		100	0	22.02	22.05	21.98	22.70
	256QAM	1	0	22.13	22.22	22.39	22.70
		1	50	22.08	22.06	22.18	22.70
		1	99	22.04	22.16	21.00	22.70
		50	0	20.95	21.05	20.85	21.70
		50	25	20.98	20.84	20.93	21.70
		50	50	20.90	20.98	20.88	21.70
		100	0	21.04	20.99	20.92	21.70

LTE Band 2 Receiver on&Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.15	19.35	19.39	19.70
		1	2	19.31	19.39	19.16	19.70
		1	5	19.04	19.34	19.17	19.70
		3	0	19.07	19.23	19.00	19.70
		3	2	19.31	19.13	19.18	19.70
		3	3	19.16	19.21	19.11	19.70
	16QAM	6	0	19.31	19.33	19.29	19.70
		1	0	19.03	19.22	18.99	19.70
		1	2	19.32	19.11	19.19	19.70
		1	5	19.15	19.21	19.15	19.70
		3	0	19.24	19.12	19.17	19.70
		3	2	19.32	19.25	19.24	19.70
	64QAM	3	3	19.28	19.18	19.29	19.70
		6	0	19.35	19.23	19.24	19.70
		1	0	19.07	19.25	19.33	19.70
		1	2	19.26	19.30	19.06	19.70
		1	5	18.99	19.26	19.10	19.70
		3	0	19.01	19.17	18.93	19.70
	256QAM	3	2	19.26	19.06	19.10	19.70
		3	3	19.08	19.15	19.04	19.70
		6	0	19.21	19.25	19.23	19.70
		1	0	18.94	19.12	18.90	19.70
		1	2	19.27	19.01	19.09	19.70
		1	5	19.07	19.14	19.08	19.70
3MHz	QPSK	3	0	19.16	19.06	19.10	19.70
		3	2	19.22	19.15	19.19	19.70
		3	3	19.23	19.11	19.21	19.70
		6	0	19.28	19.14	19.15	19.70
	16QAM	1	0	19.15	19.32	19.39	19.70
		1	7	19.36	19.37	19.13	19.70
		1	14	19.08	19.28	19.11	19.70
		8	0	19.04	19.16	19.02	19.70
		8	4	19.32	19.14	19.18	19.70
		8	7	19.12	19.19	19.17	19.70
		15	0	19.34	19.33	19.31	19.70
		1	0	19.10	19.15	18.97	19.70
		1	7	19.28	19.12	19.18	19.70
		1	14	19.15	19.21	19.13	19.70

		8	0	19.24	19.12	19.19	19.70
		8	4	19.31	19.23	19.18	19.70
		8	7	19.26	19.19	19.31	19.70
		15	0	19.30	19.21	19.20	19.70
	64QAM	1	0	19.07	19.29	19.29	19.70
		1	7	19.26	19.30	19.08	19.70
		1	14	18.98	19.28	19.10	19.70
		8	0	18.98	19.18	18.90	19.70
		8	4	19.22	19.03	19.09	19.70
		8	7	19.06	19.14	19.02	19.70
		15	0	19.22	19.23	19.24	19.70
	256QAM	1	0	18.93	19.13	18.91	19.70
		1	7	19.25	19.06	19.11	19.70
		1	14	19.08	19.13	19.10	19.70
		8	0	19.19	19.05	19.07	19.70
		8	4	19.22	19.19	19.14	19.70
		8	7	19.21	19.12	19.22	19.70
		15	0	19.28	19.15	19.18	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	19.12	19.31	19.36	19.70
		1	13	19.34	19.37	19.16	19.70
		1	24	18.99	19.27	19.10	19.70
		12	0	19.11	19.17	18.96	19.70
		12	6	19.27	19.11	19.16	19.70
		12	13	19.17	19.23	19.10	19.70
		25	0	19.34	19.31	19.31	19.70
	16QAM	1	0	19.06	19.20	19.00	19.70
		1	13	19.27	19.15	19.15	19.70
		1	24	19.12	19.21	19.14	19.70
		12	0	19.27	19.11	19.17	19.70
		12	6	19.37	19.25	19.23	19.70
		12	13	19.21	19.14	19.29	19.70
		25	0	19.33	19.25	19.20	19.70
	64QAM	1	0	19.08	19.29	19.31	19.70
		1	13	19.22	19.31	19.10	19.70
		1	24	18.96	19.26	19.12	19.70
		12	0	19.00	19.14	18.92	19.70
		12	6	19.21	19.03	19.08	19.70
		12	13	19.08	19.12	19.05	19.70
		25	0	19.26	19.28	19.21	19.70
	256QAM	1	0	18.98	19.12	18.91	19.70
		1	13	19.26	19.06	19.13	19.70
		1	24	19.10	19.12	19.09	19.70
		12	0	19.15	19.02	19.08	19.70
		12	6	19.27	19.19	19.15	19.70
		12	13	19.19	19.09	19.22	19.70
		25	0	19.28	19.17	19.17	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	19.16	19.36	19.37	19.70
		1	25	19.34	19.37	19.18	19.70
		1	49	19.04	19.35	19.13	19.70
		25	0	19.06	19.19	18.98	19.70
		25	13	19.25	19.18	19.20	19.70
		25	25	19.10	19.23	19.12	19.70

		50	0	19.37	19.32	19.36	19.70
		1	0	19.10	19.20	18.96	19.70
		1	25	19.33	19.15	19.20	19.70
		1	49	19.13	19.20	19.13	19.70
		25	0	19.25	19.12	19.20	19.70
		25	13	19.34	19.22	19.27	19.70
		25	25	19.21	19.17	19.28	19.70
		50	0	19.32	19.27	19.25	19.70
		1	0	19.08	19.29	19.34	19.70
		1	25	19.26	19.31	19.11	19.70
		1	49	18.99	19.29	19.09	19.70
		25	0	18.99	19.13	18.94	19.70
		25	13	19.26	19.05	19.13	19.70
		25	25	19.07	19.13	19.03	19.70
		50	0	19.24	19.24	19.19	19.70
		1	0	18.96	19.15	18.91	19.70
		1	25	19.24	19.06	19.12	19.70
		1	49	19.06	19.15	19.07	19.70
		25	0	19.16	19.05	19.11	19.70
		25	13	19.23	19.16	19.15	19.70
		25	25	19.22	19.10	19.24	19.70
		50	0	19.28	19.17	19.16	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	19.11	19.34	19.40	19.70
		1	38	19.34	19.37	19.12	19.70
		1	74	19.03	19.34	19.14	19.70
		36	0	19.11	19.18	19.01	19.70
		36	18	19.31	19.16	19.17	19.70
		36	39	19.15	19.23	19.15	19.70
		75	0	19.29	19.25	19.30	19.70
	16QAM	1	0	19.03	19.15	18.97	19.70
		1	38	19.26	19.14	19.21	19.70
		1	74	19.11	19.24	19.17	19.70
		36	0	19.20	19.11	19.17	19.70
		36	18	19.35	19.25	19.21	19.70
		36	39	19.28	19.17	19.29	19.70
		75	0	19.37	19.28	19.22	19.70
	64QAM	1	0	19.05	19.25	19.34	19.70
		1	38	19.24	19.31	19.07	19.70
		1	74	18.96	19.27	19.09	19.70
		36	0	19.00	19.17	18.91	19.70
		36	18	19.21	19.03	19.08	19.70
		36	39	19.11	19.13	19.05	19.70
		75	0	19.22	19.28	19.21	19.70
	256QAM	1	0	18.96	19.13	18.92	19.70
		1	38	19.26	19.05	19.13	19.70
		1	74	19.06	19.14	19.05	19.70
		36	0	19.16	19.06	19.12	19.70
		36	18	19.27	19.20	19.18	19.70
		36	39	19.18	19.08	19.23	19.70
		75	0	19.27	19.14	19.16	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.16	19.53	19.41	19.70
		1	50	19.29	19.34	19.13	19.70

		1	99	19.06	19.32	19.12	19.70
		50	0	19.29	19.36	19.23	19.70
		50	25	19.31	19.16	19.14	19.70
		50	50	19.17	19.22	19.18	19.70
		100	0	19.26	19.52	19.31	19.70
	16QAM	1	0	19.08	19.19	18.97	19.70
		1	50	19.31	19.11	19.18	19.70
		1	99	19.15	19.25	19.15	19.70
		50	0	19.23	19.17	19.16	19.70
		50	25	19.37	19.24	19.21	19.70
		50	50	19.25	19.15	19.31	19.70
		100	0	19.36	19.24	19.20	19.70
	64QAM	1	0	19.08	19.30	19.29	19.70
		1	50	19.25	19.30	19.09	19.70
		1	99	18.94	19.28	19.11	19.70
		50	0	18.97	19.15	18.91	19.70
		50	25	19.22	19.05	19.12	19.70
		50	50	19.10	19.15	19.04	19.70
		100	0	19.22	19.27	19.22	19.70
	256QAM	1	0	18.95	19.15	18.89	19.70
		1	50	19.24	19.06	19.14	19.70
		1	99	19.07	19.13	19.08	19.70
		50	0	19.14	19.04	19.11	19.70
		50	25	19.27	19.19	19.15	19.70
		50	50	19.22	19.08	19.21	19.70
		100	0	19.26	19.15	19.15	19.70

LTE Band 2 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.85	20.95	21.03	21.70
		1	2	20.95	21.01	20.74	21.70
		1	5	20.68	20.90	20.70	21.70
		3	0	20.63	20.86	20.57	21.70
		3	2	20.96	20.76	20.86	21.70
		3	3	20.82	20.85	20.75	21.70
		6	0	20.95	20.98	20.90	21.70
	16QAM	1	0	20.57	20.77	20.67	21.70
		1	2	21.02	20.71	20.89	21.70
		1	5	20.78	20.78	20.79	21.70
		3	0	20.86	20.80	20.83	21.70
		3	2	20.96	20.82	20.83	21.70
		3	3	20.83	20.70	20.96	21.70
		6	0	20.96	20.75	20.80	21.70
	64QAM	1	0	20.67	20.88	20.84	21.70
		1	2	20.87	20.97	20.68	21.70
		1	5	20.60	20.94	20.78	21.70
		3	0	20.64	20.84	20.48	21.70
		3	2	20.93	20.68	20.80	21.70
		3	3	20.67	20.66	20.60	21.70

		6	0	20.75	20.95	20.84	21.70
	256QAM	1	0	20.61	20.65	20.56	21.70
		1	2	20.80	20.69	20.72	21.70
		1	5	20.60	20.82	20.75	21.70
		3	0	20.80	20.58	20.61	21.70
		3	2	20.84	20.79	20.70	21.70
		3	3	20.92	20.79	20.88	21.70
		6	0	20.88	20.73	20.71	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	20.66	20.86	20.99	21.70
		1	7	21.00	20.90	20.80	21.70
		1	14	20.74	20.92	20.74	21.70
		8	0	20.68	20.74	20.55	21.70
		8	4	20.89	20.73	20.82	21.70
		8	7	20.64	20.79	20.81	21.70
		15	0	20.99	20.89	20.99	21.70
	16QAM	1	0	20.79	20.71	20.48	21.70
		1	7	20.89	20.74	20.73	21.70
		1	14	20.67	20.75	20.80	21.70
		8	0	20.93	20.80	20.88	21.70
		8	4	20.96	20.84	20.70	21.70
		8	7	20.83	20.81	20.83	21.70
		15	0	20.81	20.86	20.72	21.70
	64QAM	1	0	20.61	20.95	20.95	21.70
		1	7	20.94	20.98	20.72	21.70
		1	14	20.50	20.81	20.73	21.70
		8	0	20.61	20.71	20.57	21.70
		8	4	20.92	20.68	20.65	21.70
		8	7	20.57	20.69	20.58	21.70
		15	0	20.82	20.93	20.79	21.70
	256QAM	1	0	20.53	20.69	20.52	21.70
		1	7	20.92	20.67	20.64	21.70
		1	14	20.62	20.70	20.67	21.70
		8	0	20.72	20.66	20.65	21.70
		8	4	20.87	20.75	20.72	21.70
		8	7	20.73	20.79	20.89	21.70
		15	0	20.85	20.81	20.80	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	20.78	20.88	20.91	21.70
		1	13	20.93	21.03	20.70	21.70
		1	24	20.50	20.97	20.69	21.70
		12	0	20.76	20.70	20.52	21.70
		12	6	20.78	20.71	20.70	21.70
		12	13	20.72	20.74	20.71	21.70
		25	0	21.02	20.87	20.82	21.70
	16QAM	1	0	20.63	20.85	20.68	21.70
		1	13	20.85	20.66	20.75	21.70

		1	24	20.80	20.77	20.78	21.70
		12	0	20.88	20.65	20.71	21.70
		12	6	20.96	20.88	20.92	21.70
		12	13	20.85	20.79	20.86	21.70
		25	0	20.86	20.95	20.88	21.70
	64QAM	1	0	20.72	20.80	20.86	21.70
		1	13	20.78	20.88	20.71	21.70
		1	24	20.65	20.79	20.75	21.70
		12	0	20.61	20.74	20.59	21.70
		12	6	20.82	20.56	20.65	21.70
	256QAM	12	13	20.71	20.63	20.69	21.70
		25	0	20.94	20.88	20.81	21.70
		1	0	20.52	20.67	20.44	21.70
		1	13	20.79	20.64	20.82	21.70
		1	24	20.71	20.69	20.75	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.71	20.96	21.02	21.70
		1	25	20.97	21.07	20.78	21.70
		1	49	20.58	20.91	20.71	21.70
		25	0	20.76	20.72	20.67	21.70
		25	13	20.92	20.69	20.78	21.70
		25	25	20.80	20.89	20.76	21.70
		50	0	21.01	20.87	20.97	21.70
	16QAM	1	0	20.80	20.82	20.49	21.70
		1	25	20.96	20.68	20.79	21.70
		1	49	20.69	20.79	20.75	21.70
		25	0	20.83	20.79	20.72	21.70
		25	13	20.87	20.84	20.84	21.70
		25	25	20.84	20.85	20.93	21.70
		50	0	20.89	20.88	20.95	21.70
	64QAM	1	0	20.62	20.83	21.01	21.70
		1	25	20.94	20.96	20.67	21.70
		1	49	20.58	20.90	20.72	21.70
		25	0	20.64	20.70	20.45	21.70
		25	13	20.86	20.66	20.75	21.70
		25	25	20.68	20.72	20.57	21.70
		50	0	20.91	20.84	20.88	21.70
	256QAM	1	0	20.58	20.72	20.56	21.70
		1	25	20.78	20.71	20.65	21.70
		1	49	20.74	20.70	20.69	21.70
		25	0	20.70	20.72	20.66	21.70
		25	13	20.86	20.67	20.73	21.70
		25	25	20.91	20.72	20.88	21.70
		50	0	20.91	20.82	20.83	21.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.79	20.89	20.96	21.70
		1	38	21.00	20.99	20.65	21.70
		1	74	20.59	20.89	20.84	21.70
		36	0	20.63	20.81	20.53	21.70
		36	18	21.00	20.86	20.69	21.70
		36	39	20.79	20.93	20.80	21.70
		75	0	20.99	20.82	20.93	21.70
	16QAM	1	0	20.61	20.77	20.48	21.70
		1	38	20.78	20.77	20.84	21.70
		1	74	20.62	20.82	20.75	21.70
		36	0	20.85	20.76	20.80	21.70
		36	18	20.89	20.89	20.88	21.70
		36	39	20.91	20.87	20.83	21.70
		75	0	20.93	20.79	20.76	21.70
	64QAM	1	0	20.64	20.80	21.01	21.70
		1	38	20.81	20.90	20.66	21.70
		1	74	20.56	20.86	20.69	21.70
		36	0	20.66	20.69	20.51	21.70
		36	18	20.85	20.64	20.61	21.70
		36	39	20.77	20.71	20.57	21.70
		75	0	20.84	20.87	20.73	21.70
	256QAM	1	0	20.55	20.81	20.49	21.70
		1	38	20.91	20.67	20.82	21.70
		1	74	20.59	20.72	20.67	21.70
		36	0	20.68	20.74	20.63	21.70
		36	18	20.84	20.79	20.80	21.70
		36	39	20.77	20.64	20.86	21.70
		75	0	20.88	20.65	20.75	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.86	21.19	21.11	21.70
		1	50	20.82	20.85	20.75	21.70
		1	99	20.61	20.96	20.65	21.70
		50	0	20.64	21.09	20.56	21.70
		50	25	21.00	20.76	20.77	21.70
		50	50	20.84	20.89	20.76	21.70
		100	0	20.96	21.00	20.96	21.70
	16QAM	1	0	20.59	20.80	20.67	21.70
		1	50	21.00	20.71	20.82	21.70
		1	99	20.70	20.83	20.77	21.70
		50	0	20.79	20.83	20.76	21.70
		50	25	20.94	20.76	20.88	21.70
		50	50	20.88	20.68	20.97	21.70
		100	0	21.00	20.83	20.89	21.70
	64QAM	1	0	20.74	20.96	20.80	21.70
		1	50	20.80	20.84	20.77	21.70
		1	99	20.48	20.95	20.78	21.70

		50	0	20.63	20.68	20.49	21.70
		50	25	20.81	20.56	20.82	21.70
		50	50	20.74	20.72	20.63	21.70
		100	0	20.88	20.88	20.81	21.70
	256QAM	1	0	20.55	20.82	20.40	21.70
		1	50	20.80	20.62	20.70	21.70
		1	99	20.59	20.76	20.73	21.70
		50	0	20.71	20.60	20.63	21.70
		50	25	20.87	20.76	20.66	21.70
		50	50	20.92	20.78	20.85	21.70
		100	0	20.95	20.66	20.72	21.70

LTE Band 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	24.97	24.99	24.74	25.70
		1	2	24.77	24.84	24.75	25.70
		1	5	24.76	24.56	24.6	25.70
		3	0	24.84	24.82	24.86	25.70
		3	2	25	24.94	24.86	25.70
		3	3	25.08	24.9	25.05	25.70
	16QAM	6	0	23.84	24.03	23.99	24.70
		1	0	24.31	24.24	24.17	24.70
		1	2	24.03	24.22	24.08	24.70
		1	5	24.29	24.12	24.08	24.70
		3	0	23.97	23.88	23.8	24.70
		3	2	23.95	23.71	23.81	24.70
	64QAM	3	3	23.87	23.89	23.94	24.70
		6	0	22.88	23.07	22.95	23.70
		1	0	22.92	22.92	22.67	23.70
		1	2	22.71	22.76	22.66	23.70
		1	5	22.66	22.48	22.52	23.70
		3	0	22.76	22.75	22.78	23.70
	256QAM	3	2	22.93	22.89	22.77	23.70
		3	3	22.98	22.85	22.98	23.70
		6	0	21.76	21.96	21.91	22.70
		1	0	22.21	22.17	22.12	22.70
		1	2	21.97	22.15	21.98	22.70
		1	5	22.22	22.02	22.00	22.70
		3	0	21.90	21.83	21.75	22.70
		3	2	21.89	21.65	21.73	22.70
		3	3	21.79	21.84	21.87	22.70
		6	0	20.81	21.00	20.88	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	19965	20175	20385	25.70

		1	7	24.77	24.78	24.63	25.70
		1	14	24.73	24.81	24.74	25.70
		8	0	23.99	23.97	23.85	24.70
		8	4	24.04	23.96	23.86	24.70
		8	7	23.95	23.96	23.83	24.70
		15	0	23.96	23.96	23.79	24.70
	16QAM	1	0	24.33	24.19	24.15	24.70
		1	7	24.05	24.05	24.1	24.70
		1	14	24.12	24.13	23.96	24.70
		8	0	22.91	23.06	22.95	23.70
		8	4	23	22.96	22.83	23.70
		8	7	22.93	22.83	22.82	23.70
	64QAM	15	0	22.9	22.87	22.82	23.70
		1	0	22.81	22.89	22.80	23.70
		1	7	22.67	22.70	22.54	23.70
		1	14	22.63	22.75	22.68	23.70
		8	0	21.92	21.90	21.76	22.70
		8	4	21.98	21.90	21.80	22.70
	256QAM	8	7	21.88	21.88	21.75	22.70
		15	0	21.88	21.87	21.72	22.70
		1	0	22.23	22.10	22.07	22.70
		1	7	21.98	21.95	22.01	22.70
		1	14	22.02	22.04	21.91	22.70
		8	0	20.85	21.00	20.90	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	24.93	24.94	24.92	25.70
		1	13	24.8	24.82	24.66	25.70
		1	24	24.69	24.65	24.75	25.70
		12	0	23.86	23.88	23.98	24.70
		12	6	23.9	23.88	23.87	24.70
		12	13	23.86	23.88	23.94	24.70
		25	0	23.92	23.92	23.85	24.70
	16QAM	1	0	24.36	24.13	24.25	24.70
		1	13	24.07	24.25	23.96	24.70
		1	24	24.04	23.95	24.16	24.70
		12	0	22.87	22.86	22.8	23.70
		12	6	23.06	22.78	22.91	23.70
		12	13	23.01	22.95	22.83	23.70
		25	0	22.98	22.78	22.72	23.70
	64QAM	1	0	22.80	22.88	22.82	23.70
		1	13	22.67	22.72	22.58	23.70
		1	24	22.65	22.73	22.65	23.70
		12	0	21.94	21.89	21.80	22.70
		12	6	21.95	21.86	21.79	22.70
		12	13	21.85	21.88	21.73	22.70

		25	0	21.86	21.89	21.70	22.70
	256QAM	1	0	22.28	22.13	22.10	22.70
		1	13	21.96	21.97	22.05	22.70
		1	24	22.04	22.05	21.88	22.70
		12	0	20.86	20.99	20.85	21.70
		12	6	20.95	20.86	20.77	21.70
		12	13	20.88	20.77	20.73	21.70
		25	0	20.81	20.82	20.75	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	25.06	24.79	24.88	25.70
		1	25	24.9	24.78	24.7	25.70
		1	49	24.74	24.79	24.64	25.70
		25	0	23.94	23.82	23.87	24.70
		25	13	24.08	23.97	23.93	24.70
		25	25	23.85	23.93	23.97	24.70
		50	0	23.92	23.9	23.84	24.70
	16QAM	1	0	24.33	24.31	24.15	24.70
		1	25	24.08	24.12	23.99	24.70
		1	49	24.18	24.06	24.07	24.70
		25	0	23	23.02	22.92	23.70
		25	13	22.91	22.85	22.76	23.70
		25	25	22.9	22.99	22.88	23.70
		50	0	22.91	22.85	22.76	23.70
	64QAM	1	0	22.79	22.87	22.83	23.70
		1	25	22.69	22.70	22.57	23.70
		1	49	22.63	22.72	22.68	23.70
		25	0	21.91	21.92	21.78	22.70
		25	13	21.98	21.91	21.77	22.70
		25	25	21.87	21.91	21.73	22.70
		50	0	21.89	21.91	21.74	22.70
	256QAM	1	0	22.24	22.10	22.10	22.70
		1	25	21.97	21.97	22.05	22.70
		1	49	22.07	22.05	21.87	22.70
		25	0	20.82	20.98	20.89	21.70
		25	13	20.91	20.88	20.77	21.70
		25	25	20.86	20.75	20.76	21.70
		50	0	20.83	20.80	20.72	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	24.87	24.78	24.88	25.70
		1	38	24.91	24.7	24.65	25.70
		1	74	24.79	24.8	24.76	25.70
		36	0	23.98	23.94	23.81	24.70
		36	18	24.1	23.95	23.81	24.70
		36	39	23.98	23.99	23.8	24.70
		75	0	24.06	23.82	23.85	24.70
	16QAM	1	0	24.23	24.3	24.22	24.70
		1	38	24.17	24.23	24.03	24.70

		1	74	24.14	24.12	24.12	24.70
		36	0	22.87	23.01	22.84	23.70
		36	18	22.98	22.85	22.77	23.70
		36	39	22.84	22.83	22.89	23.70
		75	0	22.96	22.95	22.78	23.70
	64QAM	1	0	22.78	22.86	22.84	23.70
		1	38	22.71	22.70	22.56	23.70
		1	74	22.65	22.74	22.69	23.70
		36	0	21.92	21.91	21.79	22.70
		36	18	21.99	21.91	21.77	22.70
		36	39	21.85	21.91	21.76	22.70
		75	0	21.90	21.90	21.71	22.70
	256QAM	1	0	22.24	22.09	22.09	22.70
		1	38	22.00	21.95	22.05	22.70
		1	74	22.05	22.06	21.88	22.70
		36	0	20.86	20.97	20.88	21.70
		36	18	20.94	20.90	20.77	21.70
		36	39	20.85	20.73	20.72	21.70
		75	0	20.80	20.81	20.72	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	25.05	25.13	24.95	25.70
		1	50	24.77	24.71	24.79	25.70
		1	99	24.74	24.64	24.76	25.70
		50	0	23.85	23.92	23.89	24.70
		50	25	23.9	23.9	23.86	24.70
		50	50	23.87	23.88	23.79	24.70
		100	0	23.96	23.98	23.97	24.70
	16QAM	1	0	24.31	24.27	24.33	24.70
		1	50	24.12	24.1	24.05	24.70
		1	99	24.08	24.1	24.15	24.70
		50	0	23.01	23.06	22.86	23.70
		50	25	23.06	22.92	22.73	23.70
		50	50	22.87	22.97	22.84	23.70
		100	0	22.99	22.79	22.79	23.70
	64QAM	1	0	22.81	22.87	22.85	23.70
		1	50	22.71	22.70	22.57	23.70
		1	99	22.67	22.75	22.65	23.70
		50	0	21.92	21.88	21.80	22.70
		50	25	21.98	21.87	21.80	22.70
		50	50	21.86	21.86	21.75	22.70
		100	0	21.88	21.91	21.71	22.70
	256QAM	1	0	22.23	22.13	22.09	22.70
		1	50	21.99	21.96	22.00	22.70
		1	99	22.06	22.04	21.90	22.70
		50	0	20.86	20.99	20.90	21.70
		50	25	20.91	20.91	20.75	21.70
		50	50	20.88	20.76	20.76	21.70
		100	0	20.82	20.80	20.77	21.70

LTE Band 4 Receiver on&Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.84	19.01	19.09	19.70
		1	2	19.07	19.08	18.85	19.70
		1	5	18.77	19.05	18.83	19.70
		3	0	18.79	18.89	18.67	19.70
		3	2	19	18.82	18.9	19.70
		3	3	18.9	18.92	18.82	19.70
		6	0	19.04	19	19.03	19.70
	16QAM	1	0	18.75	18.9	18.72	19.70
		1	2	18.95	18.83	18.89	19.70
		1	5	18.87	18.92	18.8	19.70
		3	0	18.93	18.8	18.93	19.70
		3	2	19.07	18.94	18.94	19.70
		3	3	18.91	18.9	18.98	19.70
		6	0	19.04	18.96	18.92	19.70
	64QAM	1	0	18.77	18.95	19.02	19.70
		1	2	19.01	18.99	18.78	19.70
		1	5	18.68	18.99	18.77	19.70
		3	0	18.72	18.82	18.57	19.70
		3	2	18.95	18.76	18.81	19.70
		3	3	18.80	18.83	18.72	19.70
		6	0	18.98	18.94	18.93	19.70
	256QAM	1	0	18.67	18.82	18.65	19.70
		1	2	18.87	18.77	18.81	19.70
		1	5	18.79	18.82	18.74	19.70
		3	0	18.87	18.71	18.85	19.70
		3	2	19.00	18.87	18.85	19.70
		3	3	18.81	18.80	18.91	19.70
		6	0	18.96	18.89	18.83	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	18.88	19.07	19.04	19.70
		1	7	19.04	19.05	18.84	19.70
		1	14	18.74	18.98	18.8	19.70
		8	0	18.71	18.92	18.64	19.70
		8	4	18.99	18.83	18.87	19.70
		8	7	18.9	18.97	18.82	19.70
		15	0	18.99	18.99	18.97	19.70
	16QAM	1	0	18.73	18.86	18.73	19.70
		1	7	19	18.86	18.89	19.70
		1	14	18.84	18.9	18.84	19.70
		8	0	18.95	18.87	18.92	19.70
		8	4	19.03	18.98	18.91	19.70
		8	7	18.96	18.88	19.01	19.70

		15	0	19.01	18.94	18.98	19.70
		1	0	18.74	18.96	19.04	19.70
		1	7	19.01	19.01	18.79	19.70
		1	14	18.71	19.00	18.77	19.70
		8	0	18.73	18.82	18.62	19.70
		8	4	18.91	18.74	18.84	19.70
		8	7	18.82	18.84	18.76	19.70
		15	0	18.99	18.91	18.94	19.70
		1	0	18.68	18.80	18.64	19.70
		1	7	18.90	18.75	18.84	19.70
		1	14	18.82	18.84	18.73	19.70
		8	0	18.83	18.74	18.86	19.70
		8	4	19.02	18.87	18.85	19.70
		8	7	18.86	18.82	18.90	19.70
		15	0	18.98	18.86	18.85	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.83	19.07	19.05	19.70
		1	13	19.05	19.03	18.91	19.70
		1	24	18.7	19	18.83	19.70
		12	0	18.75	18.93	18.74	19.70
		12	6	19.02	18.81	18.89	19.70
		12	13	18.86	18.95	18.83	19.70
		25	0	19.02	18.97	18.99	19.70
	16QAM	1	0	18.73	18.85	18.69	19.70
		1	13	18.97	18.84	18.89	19.70
		1	24	18.85	18.88	18.79	19.70
		12	0	18.9	18.84	18.86	19.70
		12	6	19.04	18.94	18.91	19.70
		12	13	18.96	18.86	19.04	19.70
		25	0	19	18.96	18.94	19.70
	64QAM	1	0	18.78	18.95	19.04	19.70
		1	13	19.01	19.00	18.77	19.70
		1	24	18.68	19.00	18.73	19.70
		12	0	18.73	18.79	18.62	19.70
		12	6	18.95	18.76	18.80	19.70
		12	13	18.80	18.85	18.72	19.70
		25	0	18.98	18.94	18.95	19.70
	256QAM	1	0	18.70	18.84	18.66	19.70
		1	13	18.88	18.73	18.83	19.70
		1	24	18.77	18.85	18.74	19.70
		12	0	18.85	18.73	18.83	19.70
		12	6	19.02	18.85	18.88	19.70
		12	13	18.81	18.83	18.89	19.70
		25	0	18.98	18.89	18.87	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.83	19.02	19.09	19.70
		1	25	19	19.07	18.88	19.70

		1	49	18.74	19.01	18.77	19.70
		25	0	18.72	18.92	18.73	19.70
		25	13	18.99	18.83	18.91	19.70
		25	25	18.85	18.89	18.82	19.70
		50	0	19.03	19.02	19.03	19.70
	16QAM	1	0	18.74	18.9	18.71	19.70
		1	25	19.03	18.85	18.89	19.70
		1	49	18.84	18.9	18.85	19.70
		25	0	18.96	18.85	18.9	19.70
		25	13	19.04	18.94	18.9	19.70
		25	25	18.96	18.89	19.01	19.70
		50	0	19.03	18.95	18.93	19.70
	64QAM	1	0	18.79	18.92	18.99	19.70
		1	25	19.00	18.98	18.76	19.70
		1	49	18.72	19.00	18.76	19.70
		25	0	18.71	18.82	18.57	19.70
		25	13	18.90	18.77	18.85	19.70
		25	25	18.83	18.85	18.73	19.70
		50	0	18.94	18.92	18.98	19.70
	256QAM	1	0	18.70	18.84	18.65	19.70
		1	25	18.89	18.77	18.84	19.70
		1	49	18.77	18.87	18.71	19.70
		25	0	18.84	18.71	18.83	19.70
		25	13	19.02	18.88	18.85	19.70
		25	25	18.84	18.80	18.92	19.70
		50	0	18.96	18.88	18.82	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.82	19.06	19.12	19.70
		1	38	19.07	19.12	18.89	19.70
		1	74	18.76	19.02	18.84	19.70
		36	0	18.78	18.9	18.67	19.70
		36	18	18.94	18.84	18.84	19.70
		36	39	18.86	18.96	18.85	19.70
		75	0	19.08	19.04	19	19.70
	16QAM	1	0	18.76	18.88	18.72	19.70
		1	38	19.03	18.83	18.86	19.70
		1	74	18.85	18.95	18.87	19.70
		36	0	18.92	18.81	18.89	19.70
		36	18	19.06	18.94	18.94	19.70
		36	39	18.96	18.91	19	19.70
		75	0	19.04	18.93	18.96	19.70
	64QAM	1	0	18.79	18.94	19.04	19.70
		1	38	18.99	19.00	18.75	19.70
		1	74	18.69	18.97	18.76	19.70
		36	0	18.73	18.79	18.58	19.70
		36	18	18.94	18.74	18.80	19.70
		36	39	18.80	18.87	18.73	19.70
		75	0	18.97	18.92	18.94	19.70

		1	0	18.65	18.82	18.66	19.70
		1	38	18.85	18.74	18.82	19.70
		1	74	18.82	18.87	18.74	19.70
	256QAM	36	0	18.85	18.73	18.87	19.70
		36	18	18.99	18.88	18.87	19.70
		36	39	18.85	18.83	18.88	19.70
		75	0	18.95	18.87	18.84	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.29	19.33	19.18	19.70
		1	50	19.05	19.07	18.85	19.70
		1	99	18.76	19.04	18.8	19.70
		50	0	19.15	19.38	19.26	19.70
		50	25	18.98	18.85	18.88	19.70
		50	50	18.89	18.92	18.85	19.70
		100	0	18.97	19.03	19.01	19.70
	16QAM	1	0	18.78	18.88	18.68	19.70
		1	50	18.96	18.83	18.89	19.70
		1	99	18.84	18.93	18.87	19.70
		50	0	18.89	18.85	18.93	19.70
		50	25	19.06	18.91	18.93	19.70
		50	50	18.94	18.92	18.98	19.70
		100	0	19.01	18.9	18.94	19.70
	64QAM	1	0	18.79	18.96	19.00	19.70
		1	50	18.99	18.98	18.77	19.70
		1	99	18.72	18.96	18.78	19.70
		50	0	18.72	18.79	18.62	19.70
		50	25	18.93	18.77	18.84	19.70
		50	50	18.85	18.87	18.75	19.70
		100	0	18.94	18.94	18.93	19.70
	256QAM	1	0	18.68	18.83	18.66	19.70
		1	50	18.85	18.76	18.83	19.70
		1	99	18.80	18.82	18.74	19.70
		50	0	18.88	18.70	18.88	19.70
		50	25	18.97	18.88	18.88	19.70
		50	50	18.82	18.81	18.89	19.70
		100	0	18.99	18.89	18.87	19.70

LTE Band 4 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.73	20.8	20.82	21.70
		1	2	20.93	20.79	20.69	21.70
		1	5	20.55	20.9	20.7	21.70
		3	0	20.62	20.7	20.43	21.70
		3	2	20.87	20.52	20.66	21.70
		3	3	20.61	20.8	20.67	21.70

	16QAM	6	0	20.79	20.85	20.82	21.70
		1	0	20.64	20.72	20.57	21.70
		1	2	20.77	20.67	20.73	21.70
		1	5	20.72	20.73	20.64	21.70
		3	0	20.76	20.68	20.63	21.70
		3	2	20.84	20.71	20.81	21.70
		3	3	20.79	20.7	20.73	21.70
	64QAM	6	0	20.87	20.75	20.76	21.70
		1	0	20.54	20.77	20.81	21.70
		1	2	20.90	20.73	20.59	21.70
		1	5	20.42	20.73	20.61	21.70
		3	0	20.52	20.69	20.45	21.70
		3	2	20.79	20.50	20.58	21.70
		3	3	20.55	20.61	20.48	21.70
	256QAM	6	0	20.72	20.67	20.69	21.70
		1	0	20.51	20.58	20.52	21.70
		1	2	20.65	20.62	20.60	21.70
		1	5	20.63	20.70	20.49	21.70
		3	0	20.63	20.58	20.58	21.70
		3	2	20.82	20.64	20.72	21.70
		3	3	20.63	20.51	20.80	21.70
		6	0	20.83	20.66	20.65	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.77	20.89	20.91	21.70
		1	7	20.77	20.8	20.57	21.70
		1	14	20.62	20.86	20.59	21.70
		8	0	20.57	20.65	20.45	21.70
		8	4	20.74	20.65	20.63	21.70
		8	7	20.65	20.79	20.65	21.70
		15	0	20.81	20.71	20.68	21.70
	16QAM	1	0	20.53	20.74	20.51	21.70
		1	7	20.78	20.69	20.73	21.70
		1	14	20.64	20.63	20.61	21.70
		8	0	20.79	20.58	20.74	21.70
		8	4	20.86	20.8	20.8	21.70
		8	7	20.85	20.6	20.76	21.70
		15	0	20.87	20.69	20.84	21.70
	64QAM	1	0	20.57	20.67	20.88	21.70
		1	7	20.75	20.76	20.55	21.70
		1	14	20.51	20.86	20.58	21.70
		8	0	20.53	20.70	20.51	21.70
		8	4	20.71	20.62	20.71	21.70
		8	7	20.57	20.73	20.65	21.70
		15	0	20.74	20.69	20.78	21.70
	256QAM	1	0	20.40	20.61	20.35	21.70
		1	7	20.78	20.45	20.66	21.70
		1	14	20.70	20.65	20.47	21.70
		8	0	20.55	20.58	20.66	21.70

		8	4	20.80	20.75	20.60	21.70
		8	7	20.71	20.52	20.78	21.70
		15	0	20.79	20.74	20.74	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.6	20.96	20.9	21.70
		1	13	20.81	20.89	20.63	21.70
		1	24	20.4	20.73	20.53	21.70
		12	0	20.56	20.68	20.6	21.70
		12	6	20.74	20.59	20.74	21.70
		12	13	20.66	20.68	20.67	21.70
		25	0	20.82	20.71	20.69	21.70
	16QAM	1	0	20.59	20.59	20.46	21.70
		1	13	20.79	20.68	20.77	21.70
		1	24	20.65	20.66	20.64	21.70
		12	0	20.77	20.68	20.63	21.70
		12	6	20.84	20.65	20.76	21.70
		12	13	20.76	20.65	20.76	21.70
		25	0	20.81	20.77	20.66	21.70
	64QAM	1	0	20.52	20.77	20.86	21.70
		1	13	20.71	20.73	20.51	21.70
		1	24	20.53	20.70	20.59	21.70
		12	0	20.49	20.58	20.37	21.70
		12	6	20.77	20.51	20.54	21.70
		12	13	20.64	20.64	20.55	21.70
		25	0	20.83	20.71	20.78	21.70
	256QAM	1	0	20.46	20.67	20.45	21.70
		1	13	20.67	20.44	20.70	21.70
		1	24	20.55	20.64	20.45	21.70
		12	0	20.71	20.61	20.70	21.70
		12	6	20.79	20.63	20.74	21.70
		12	13	20.57	20.58	20.64	21.70
		25	0	20.71	20.75	20.61	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.54	20.8	20.87	21.70
		1	25	20.76	20.89	20.77	21.70
		1	49	20.62	20.88	20.55	21.70
		25	0	20.42	20.62	20.48	21.70
		25	13	20.81	20.68	20.69	21.70
		25	25	20.71	20.6	20.7	21.70
		50	0	20.81	20.73	20.91	21.70
	16QAM	1	0	20.48	20.71	20.44	21.70
		1	25	20.78	20.55	20.71	21.70
		1	49	20.72	20.68	20.57	21.70
		25	0	20.66	20.59	20.72	21.70
		25	13	20.89	20.71	20.71	21.70
		25	25	20.66	20.75	20.71	21.70
		50	0	20.81	20.75	20.68	21.70

	64QAM	1	0	20.68	20.64	20.80	21.70
		1	25	20.75	20.71	20.53	21.70
		1	49	20.49	20.74	20.64	21.70
		25	0	20.43	20.69	20.44	21.70
		25	13	20.76	20.49	20.59	21.70
		25	25	20.69	20.74	20.45	21.70
		50	0	20.67	20.65	20.78	21.70
	256QAM	1	0	20.40	20.70	20.36	21.70
		1	25	20.72	20.61	20.69	21.70
		1	49	20.51	20.62	20.50	21.70
		25	0	20.72	20.55	20.63	21.70
		25	13	20.75	20.74	20.59	21.70
		25	25	20.68	20.50	20.81	21.70
		50	0	20.84	20.72	20.60	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.66	20.86	21	21.70
		1	38	20.8	20.83	20.78	21.70
		1	74	20.48	20.74	20.67	21.70
		36	0	20.67	20.79	20.38	21.70
		36	18	20.66	20.65	20.57	21.70
		36	39	20.68	20.78	20.74	21.70
		75	0	20.85	20.78	20.85	21.70
	16QAM	1	0	20.65	20.76	20.59	21.70
		1	38	20.76	20.56	20.74	21.70
		1	74	20.61	20.65	20.61	21.70
		36	0	20.62	20.64	20.76	21.70
		36	18	20.77	20.73	20.68	21.70
		36	39	20.84	20.69	20.73	21.70
		75	0	20.9	20.78	20.76	21.70
	64QAM	1	0	20.65	20.67	20.78	21.70
		1	38	20.83	20.89	20.55	21.70
		1	74	20.43	20.70	20.60	21.70
		36	0	20.52	20.57	20.43	21.70
		36	18	20.83	20.55	20.61	21.70
		36	39	20.56	20.71	20.45	21.70
		75	0	20.81	20.66	20.64	21.70
	256QAM	1	0	20.51	20.53	20.47	21.70
		1	38	20.59	20.60	20.64	21.70
		1	74	20.66	20.60	20.60	21.70
		36	0	20.64	20.54	20.68	21.70
		36	18	20.79	20.76	20.72	21.70
		36	39	20.62	20.71	20.76	21.70
		75	0	20.67	20.76	20.61	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	21.01	21.08	21.04	21.70
		1	50	20.8	20.81	20.61	21.70
		1	99	20.51	20.93	20.55	21.70

		50	0	20.47	20.81	20.51	21.70
		50	25	20.78	20.7	20.75	21.70
		50	50	20.68	20.79	20.68	21.70
		100	0	20.77	20.81	20.74	21.70
	16QAM	1	0	20.5	20.74	20.56	21.70
		1	50	20.69	20.6	20.76	21.70
		1	99	20.6	20.78	20.71	21.70
		50	0	20.77	20.56	20.73	21.70
		50	25	20.76	20.79	20.64	21.70
		50	50	20.81	20.63	20.72	21.70
		100	0	20.89	20.72	20.77	21.70
	64QAM	1	0	20.66	20.73	20.85	21.70
		1	50	20.78	20.80	20.59	21.70
		1	99	20.53	20.84	20.63	21.70
		50	0	20.46	20.55	20.39	21.70
		50	25	20.81	20.61	20.58	21.70
		50	50	20.59	20.59	20.57	21.70
		100	0	20.73	20.82	20.76	21.70
	256QAM	1	0	20.45	20.61	20.43	21.70
		1	50	20.71	20.53	20.67	21.70
		1	99	20.66	20.69	20.44	21.70
		50	0	20.76	20.58	20.61	21.70
		50	25	20.68	20.66	20.65	21.70
		50	50	20.64	20.58	20.74	21.70
		100	0	20.75	20.69	20.70	21.70

LTE Band 7 Receiver on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.58	18.72	18.77	19.00
		1	13	18.71	18.76	18.59	19.00
		1	24	18.44	18.68	18.48	19.00
		12	0	18.49	18.61	18.36	19.00
		12	6	18.66	18.54	18.62	19.00
		12	13	18.6	18.59	18.56	19.00
		25	0	18.74	18.68	18.72	19.00
	16QAM	1	0	18.45	18.59	18.39	19.00
		1	13	18.72	18.53	18.58	19.00
		1	24	18.59	18.64	18.54	19.00
		12	0	18.64	18.57	18.63	19.00
		12	6	18.71	18.63	18.64	19.00
		12	13	18.64	18.54	18.66	19.00
		25	0	18.75	18.68	18.62	19.00
	64QAM	1	0	18.51	18.66	18.69	19.00
		1	13	18.66	18.68	18.52	19.00
		1	24	18.37	18.63	18.39	19.00
		12	0	18.44	18.52	18.29	19.00

		12	6	18.59	18.45	18.56	19.00
		12	13	18.51	18.53	18.49	19.00
		25	0	18.64	18.60	18.66	19.00
	256QAM	1	0	18.39	18.52	18.34	19.00
		1	13	18.62	18.48	18.49	19.00
		1	24	18.51	18.55	18.47	19.00
		12	0	18.55	18.50	18.54	19.00
		12	6	18.62	18.55	18.59	19.00
		12	13	18.54	18.49	18.58	19.00
		25	0	18.69	18.61	18.56	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	18.55	18.7	18.79	19.00
		1	25	18.71	18.75	18.61	19.00
		1	49	18.43	18.7	18.54	19.00
		25	0	18.46	18.62	18.43	19.00
		25	13	18.68	18.51	18.56	19.00
		25	25	18.54	18.63	18.5	19.00
		50	0	18.71	18.66	18.73	19.00
	16QAM	1	0	18.43	18.61	18.37	19.00
		1	25	18.7	18.52	18.62	19.00
		1	49	18.56	18.65	18.56	19.00
		25	0	18.65	18.55	18.61	19.00
		25	13	18.75	18.6	18.64	19.00
		25	25	18.68	18.53	18.69	19.00
		50	0	18.74	18.66	18.63	19.00
	64QAM	1	0	18.52	18.65	18.72	19.00
		1	25	18.61	18.66	18.50	19.00
		1	49	18.34	18.61	18.43	19.00
		25	0	18.42	18.52	18.26	19.00
		25	13	18.57	18.48	18.54	19.00
		25	25	18.55	18.54	18.50	19.00
		50	0	18.69	18.60	18.65	19.00
	256QAM	1	0	18.35	18.49	18.29	19.00
		1	25	18.67	18.47	18.53	19.00
		1	49	18.54	18.58	18.49	19.00
		25	0	18.59	18.49	18.55	19.00
		25	13	18.66	18.55	18.58	19.00
		25	25	18.54	18.45	18.61	19.00
		50	0	18.67	18.60	18.52	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	18.51	18.76	18.79	19.00
		1	38	18.75	18.77	18.56	19.00
		1	74	18.45	18.66	18.51	19.00
		36	0	18.49	18.59	18.38	19.00
		36	18	18.67	18.57	18.63	19.00
		36	39	18.58	18.63	18.57	19.00
		75	0	18.73	18.66	18.72	19.00

	16QAM	1	0	18.46	18.61	18.42	19.00
		1	38	18.67	18.53	18.6	19.00
		1	74	18.51	18.59	18.51	19.00
		36	0	18.59	18.48	18.55	19.00
		36	18	18.74	18.64	18.64	19.00
		36	39	18.62	18.58	18.75	19.00
		75	0	18.7	18.6	18.6	19.00
	64QAM	1	0	18.50	18.63	18.71	19.00
		1	38	18.65	18.71	18.50	19.00
		1	74	18.37	18.63	18.43	19.00
		36	0	18.39	18.56	18.27	19.00
		36	18	18.58	18.48	18.52	19.00
		36	39	18.53	18.49	18.50	19.00
		75	0	18.66	18.58	18.63	19.00
	256QAM	1	0	18.40	18.53	18.29	19.00
		1	38	18.65	18.47	18.51	19.00
		1	74	18.50	18.54	18.46	19.00
		36	0	18.56	18.47	18.55	19.00
		36	18	18.66	18.57	18.55	19.00
		36	39	18.55	18.45	18.60	19.00
		75	0	18.69	18.61	18.57	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	18.71	18.81	18.75	19.00
		1	50	18.73	18.75	18.55	19.00
		1	99	18.41	18.65	18.55	19.00
		50	0	18.44	18.62	18.39	19.00
		50	25	18.61	18.53	18.57	19.00
		50	50	18.58	18.57	18.54	19.00
		100	0	18.63	18.66	18.65	19.00
	16QAM	1	0	18.49	18.61	18.36	19.00
		1	50	18.69	18.53	18.56	19.00
		1	99	18.55	18.62	18.54	19.00
		50	0	18.64	18.57	18.56	19.00
		50	25	18.71	18.66	18.61	19.00
		50	50	18.6	18.53	18.71	19.00
		100	0	18.68	18.67	18.65	19.00
	64QAM	1	0	18.48	18.63	18.72	19.00
		1	50	18.61	18.71	18.53	19.00
		1	99	18.35	18.58	18.40	19.00
		50	0	18.43	18.54	18.27	19.00
		50	25	18.57	18.46	18.55	19.00
		50	50	18.51	18.50	18.47	19.00
		100	0	18.66	18.61	18.64	19.00
	256QAM	1	0	18.38	18.53	18.32	19.00
		1	50	18.67	18.44	18.53	19.00
		1	99	18.50	18.57	18.48	19.00
		50	0	18.54	18.48	18.58	19.00
		50	25	18.62	18.55	18.56	19.00

		50	50	18.25	18.19	18.28	18.70
		100	0	18.39	18.31	18.27	18.70

LTE Band 7 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.92	21.24	21.28	21.50
		1	13	21.24	21.27	21.03	21.50
		1	24	20.94	21.22	21.04	21.50
		12	0	20.97	21.09	20.86	21.50
		12	6	21.16	21.04	21.04	21.50
		12	13	21.01	21.08	21.02	21.50
		25	0	21.26	21.24	21.22	21.50
	16QAM	1	0	20.98	21.12	20.91	21.50
		1	13	21.19	21.06	21.09	21.50
		1	24	21.05	21.11	20.99	21.50
		12	0	21.1	21.01	21.07	21.50
		12	6	21.23	21.15	21.13	21.50
		12	13	21.16	21.08	21.19	21.50
		25	0	21.21	21.15	21.13	21.50
	64QAM	1	0	20.80	21.10	21.18	21.50
		1	13	21.13	21.17	20.99	21.50
		1	24	20.86	21.14	20.92	21.50
		12	0	20.39	20.50	20.31	21.00
		12	6	20.64	20.47	20.53	21.00
		12	13	20.47	20.57	20.49	21.00
		25	0	20.67	20.63	20.66	21.00
	256QAM	1	0	20.40	20.58	20.30	21.00
		1	13	20.62	20.46	20.51	21.00
		1	24	20.51	20.50	20.53	21.00
		12	0	19.53	19.48	19.50	20.00
		12	6	19.64	19.61	19.54	20.00
		12	13	19.57	19.51	19.63	20.00
		25	0	19.63	19.59	19.54	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	20.94	21.23	21.28	21.50
		1	25	21.28	21.28	21.03	21.50
		1	49	20.95	21.18	21.02	21.50
		25	0	20.99	21.11	20.9	21.50
		25	13	21.17	21.04	21.11	21.50
		25	25	21.05	21.11	21.05	21.50
		50	0	21.2	21.15	21.2	21.50
	16QAM	1	0	21.01	21.08	20.88	21.50
		1	25	21.22	21.05	21.1	21.50
		1	49	21.02	21.11	21.04	21.50
		25	0	21.16	21.02	21.12	21.50

		25	13	21.24	21.13	21.12	21.50
		25	25	21.17	21.04	21.2	21.50
		50	0	21.24	21.15	21.11	21.50
	64QAM	1	0	20.84	21.09	21.13	21.50
		1	25	21.11	21.18	21.00	21.50
		1	49	20.88	21.15	20.94	21.50
		25	0	20.43	20.49	20.30	21.00
		25	13	20.64	20.49	20.51	21.00
		25	25	20.47	20.55	20.46	21.00
		50	0	20.68	20.58	20.69	21.00
		1	0	20.41	20.56	20.33	21.00
	256QAM	1	25	20.65	20.49	20.51	21.00
		1	49	20.53	20.52	20.49	21.00
		25	0	19.52	19.45	19.48	20.00
		25	13	19.60	19.57	19.55	20.00
		25	25	19.55	19.50	19.62	20.00
		50	0	19.65	19.59	19.49	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.94	21.23	21.28	21.50
		1	38	21.21	21.3	21.04	21.50
		1	74	20.96	21.18	21.04	21.50
		36	0	20.98	21.12	20.89	21.50
		36	18	21.23	21.02	21.06	21.50
		36	39	21.06	21.13	21	21.50
		75	0	21.23	21.18	21.2	21.50
	16QAM	1	0	20.91	21.14	20.89	21.50
		1	38	21.22	21.01	21.03	21.50
		1	74	21.06	21.1	21.06	21.50
		36	0	21.1	21.03	21.11	21.50
		36	18	21.21	21.12	21.11	21.50
		36	39	21.17	21.06	21.24	21.50
		75	0	21.21	21.15	21.12	21.50
	64QAM	1	0	20.81	21.08	21.18	21.50
		1	38	21.14	21.19	21.02	21.50
		1	74	20.88	21.15	20.92	21.50
		36	0	20.41	20.51	20.26	21.00
		36	18	20.63	20.46	20.52	21.00
		36	39	20.47	20.53	20.46	21.00
		75	0	20.71	20.59	20.67	21.00
	256QAM	1	0	20.41	20.53	20.28	21.00
		1	38	20.62	20.48	20.52	21.00
		1	74	20.53	20.54	20.53	21.00
		36	0	19.54	19.47	19.49	20.00
		36	18	19.65	19.60	19.56	20.00
		36	39	19.55	19.52	19.63	20.00
		75	0	19.64	19.58	19.49	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	

20MHz	QPSK	1	0	21.29	21.31	21.27	21.50
		1	50	21.20	21.26	21.07	21.50
		1	99	20.93	21.23	21.01	21.50
		50	0	20.99	21.28	20.86	21.50
		50	25	21.20	21.05	21.08	21.50
		50	50	21.05	21.12	21.06	21.50
		100	0	21.16	21.18	21.15	21.50
	16QAM	1	0	21.00	21.13	20.88	21.50
		1	50	21.22	21.04	21.07	21.50
		1	99	21.09	21.09	21.08	21.50
		50	0	21.10	21.03	21.07	21.50
		50	25	21.20	21.16	21.12	21.50
		50	50	21.12	21.09	21.20	21.50
		100	0	21.21	21.14	21.09	21.50
	64QAM	1	0	20.84	21.08	21.13	21.50
		1	50	21.12	21.16	21.00	21.50
		1	99	20.85	21.16	20.91	21.50
		50	0	20.42	20.51	20.30	21.00
		50	25	20.62	20.46	20.48	21.00
		50	50	20.48	20.52	20.49	21.00
		100	0	20.66	20.59	20.67	21.00
	256QAM	1	0	20.45	20.54	20.28	21.00
		1	50	20.64	20.47	20.52	21.00
		1	99	20.52	20.54	20.50	21.00
		50	0	19.51	19.48	19.48	20.00
		50	25	19.63	19.56	19.54	20.00
		50	50	19.54	19.53	19.65	20.00
		100	0	19.62	19.54	19.53	20.00

LTE Band 7 Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	24.23	24.25	24.16	24.50
		1	13	23.8	24.3	24.02	24.50
		1	24	23.74	23.9	24.07	24.50
		12	0	23.76	24.14	23.54	24.50
		12	6	23.67	23.65	23.6	24.50
		12	13	23.64	23.69	23.89	24.50
		25	0	23.78	23.96	24.08	24.50
	16QAM	1	0	23.69	23.74	23.49	24.50
		1	13	23.98	23.62	23.72	24.50
		1	24	23.74	23.79	24.01	24.50
		12	0	23.48	23.57	23.34	24.00
		12	6	23.35	23.18	23.37	24.00
		12	13	23.16	23.38	23.65	24.00
		25	0	23.67	23.63	23.47	24.00
	64QAM	1	0	22.86	23.16	23.18	24.00

		1	13	23.19	23.61	23.13	24.00
		1	24	22.86	23.26	23.12	24.00
		12	0	22.23	22.11	21.82	23.00
		12	6	22.64	22.33	22.11	23.00
		12	13	22.31	22.20	22.25	23.00
		25	0	22.64	22.50	22.43	23.00
	256QAM	1	0	22.47	22.26	22.27	23.00
		1	13	22.31	22.46	22.18	23.00
		1	24	22.03	22.37	22.56	23.00
		12	0	21.08	21.52	21.37	22.00
		12	6	21.68	21.65	21.15	22.00
		12	13	21.17	21.36	21.29	22.00
		25	0	21.20	21.56	21.44	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.82	23.89	24.05	24.50
		1	25	24.34	23.84	23.59	24.50
		1	49	23.54	24.17	24.04	24.50
		25	0	23.79	24.18	23.93	24.50
		25	13	23.83	24.03	24.02	24.50
		25	25	23.96	24.05	24.07	24.50
		50	0	23.95	23.72	23.94	24.50
	16QAM	1	0	23.94	23.87	23.41	24.50
		1	25	24.09	23.96	23.77	24.50
		1	49	24.02	23.75	23.96	24.50
		25	0	23.19	23.52	23.15	24.00
		25	13	23.24	23.62	23.67	24.00
		25	25	23.54	23.54	23.21	24.00
		50	0	23.67	23.66	23.2	24.00
	64QAM	1	0	22.87	23.64	23.54	24.00
		1	25	23.48	23.64	23.21	24.00
		1	49	22.94	23.17	23.45	24.00
		25	0	22.21	22.25	22.25	23.00
		25	13	22.14	22.35	22.37	23.00
		25	25	22.13	22.23	22.44	23.00
		50	0	22.62	22.63	22.72	23.00
	256QAM	1	0	22.32	22.61	22.26	23.00
		1	25	22.70	22.54	22.06	23.00
		1	49	22.28	22.49	22.46	23.00
		25	0	21.17	21.20	21.32	22.00
		25	13	21.65	21.19	21.48	22.00
		25	25	21.30	21.18	21.50	22.00
		50	0	21.71	21.30	21.06	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	23.95	24.27	24.21	24.50
		1	38	23.91	24.07	24	24.50
		1	74	23.74	23.83	23.82	24.50
		36	0	23.87	23.82	23.59	24.50

		36	18	23.74	23.87	24.14	24.50
		36	39	23.97	23.82	23.62	24.50
		75	0	23.79	23.94	23.93	24.50
	16QAM	1	0	23.58	23.69	23.5	24.50
		1	38	24.11	23.64	24.03	24.50
		1	74	23.58	23.78	24.13	24.50
		36	0	23.58	23.61	23.3	24.00
		36	18	23.79	23.4	23.52	24.00
		36	39	23.25	23.28	23.4	24.00
		75	0	23.52	23.66	23.6	24.00
	64QAM	1	0	23.11	23.65	23.33	24.00
		1	38	23.65	23.71	23.55	24.00
		1	74	23.41	23.53	23.07	24.00
		36	0	22.15	22.49	22.11	23.00
		36	18	22.21	22.40	22.40	23.00
		36	39	22.46	22.29	22.22	23.00
		75	0	22.75	22.47	22.17	23.00
	256QAM	1	0	21.91	22.09	22.34	23.00
		1	38	22.49	22.15	22.56	23.00
		1	74	22.50	22.08	22.42	23.00
		36	0	21.13	21.14	21.09	22.00
		36	18	21.44	21.56	21.63	22.00
		36	39	21.30	21.53	21.38	22.00
		75	0	21.20	21.33	21.29	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	24.29	24.35	23.98	24.50
		1	50	24.14	24.34	23.77	24.50
		1	99	23.74	24.07	23.86	24.50
		50	0	23.52	24.2	23.92	24.50
		50	25	23.81	23.91	23.82	24.50
		50	50	23.99	24.1	23.97	24.50
		100	0	23.9	23.93	23.9	24.50
	16QAM	1	0	23.8	24.07	23.53	24.50
		1	50	24.28	23.7	23.91	24.50
		1	99	24.02	23.67	23.98	24.50
		50	0	23.4	23.06	23.29	24.00
		50	25	23.57	23.34	23.63	24.00
		50	50	23.27	23.19	23.63	24.00
		100	0	23.71	23.24	23.5	24.00
	64QAM	1	0	23.11	23.38	23.16	24.00
		1	50	23.12	23.22	23.41	24.00
		1	99	23.15	23.58	23.44	24.00
		50	0	22.18	22.21	22.30	23.00
		50	25	22.40	22.03	22.07	23.00
		50	50	22.28	22.23	22.43	23.00
		100	0	22.17	22.17	22.51	23.00
	256QAM	1	0	21.98	22.19	22.02	23.00
		1	50	22.15	22.30	22.41	23.00