

WCDMA Band IV DSI 2/3					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.68	23.74	23.81	24.50
	12.2kbps AMR	23.66	23.7	23.78	24.50
HSDPA	Subtest 1	22.97	23.00	22.93	23.50
	Subtest 2	22.94	22.99	22.95	23.50
	Subtest 3	22.46	22.48	22.45	23.00
	Subtest 4	22.43	22.48	22.47	23.00
HSUPA	Subtest 1	22.93	22.96	22.93	23.50
	Subtest 2	20.94	20.96	20.96	21.50
	Subtest 3	21.92	21.95	21.95	22.50
	Subtest 4	20.92	20.98	20.94	21.50
	Subtest 5	22.90	22.94	22.93	23.50
DC-HSDPA	Subtest 1	22.94	23.05	22.86	23.50
	Subtest 2	22.90	22.94	23.05	23.50
	Subtest 3	22.53	22.46	22.37	23.00
	Subtest 4	22.47	22.52	22.57	23.00
HSPA+	16QAM	21.11	21.18	21.05	21.50

WCDMA Band IV DSI 4/5					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.69	20.76	20.81	21.50
	12.2kbps AMR	20.68	20.72	20.76	21.50
HSDPA	Subtest 1	19.92	20.00	19.96	20.50
	Subtest 2	19.93	19.98	19.93	20.50
	Subtest 3	19.42	19.48	19.44	20.00
	Subtest 4	19.42	19.47	19.46	20.00
HSUPA	Subtest 1	19.91	19.95	19.92	20.50
	Subtest 2	17.92	17.93	17.90	18.50
	Subtest 3	18.88	18.94	18.93	19.50
	Subtest 4	17.91	17.94	17.92	18.50
	Subtest 5	19.88	19.94	19.91	20.50
DC-HSDPA	Subtest 1	20.02	19.99	19.95	20.50
	Subtest 2	20.03	20.05	19.93	20.50
	Subtest 3	19.51	19.50	19.38	20.00
	Subtest 4	19.47	19.51	19.55	20.00
HSPA+	16QAM	18.04	18.10	18.03	18.50

WCDMA Band IV DSI 8/9/10					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.67	19.73	19.8	20.50
	12.2kbps AMR	19.65	19.69	19.76	20.50
HSDPA	Subtest 1	18.93	18.97	18.94	19.50
	Subtest 2	18.93	19.01	18.89	19.50
	Subtest 3	18.41	18.50	18.42	19.00
	Subtest 4	18.45	18.46	18.38	19.00
HSUPA	Subtest 1	18.88	18.94	18.90	19.50
	Subtest 2	16.91	16.94	16.89	17.50
	Subtest 3	17.91	17.92	17.90	18.50
	Subtest 4	16.91	16.91	16.94	17.50
	Subtest 5	18.89	18.92	18.89	19.50
DC-HSDPA	Subtest 1	18.85	18.88	19.02	19.50
	Subtest 2	18.93	18.94	18.83	19.50
	Subtest 3	18.44	18.51	18.44	19.00
	Subtest 4	18.50	18.50	18.48	19.00
HSPA+	16QAM	16.99	17.05	17.04	17.50

4.1 Conducted Power of LTE

LTE Band 2 DSI 2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.78	22.74	22.71	24.00
		1	2	22.72	22.58	22.72	24.00
		1	5	22.78	22.76	22.50	24.00
		3	0	22.78	22.91	22.64	24.00
		3	2	22.89	22.77	22.84	24.00
		3	3	22.61	22.88	22.58	24.00
		6	0	21.91	21.97	21.71	23.00
	16QAM	1	0	22.45	22.08	21.97	23.00
		1	2	22.07	22.02	21.94	23.00
		1	5	22.00	21.96	22.07	23.00
		3	0	21.84	21.82	21.75	23.00
		3	2	21.92	21.85	21.62	23.00
		3	3	22.46	22.11	21.97	23.00
		6	0	20.81	20.87	20.66	22.00
	64QAM	1	0	20.91	20.96	20.91	22.00
		1	2	21.06	21.05	21.07	22.00
		1	5	20.96	20.99	21.06	22.00
		3	0	21.01	20.99	20.98	22.00
		3	2	20.99	20.95	21.05	22.00
		3	3	20.97	20.97	20.99	22.00
		6	0	19.76	19.87	19.85	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	22.71	22.78	22.59	24.00
		1	7	22.85	22.70	22.73	24.00
		1	14	22.69	22.89	22.59	24.00
		8	0	21.87	21.83	21.70	23.00
		8	4	21.91	21.79	21.68	23.00
		8	7	21.77	21.91	21.81	23.00
		15	0	21.94	21.91	21.82	23.00
	16QAM	1	0	22.41	22.19	21.99	23.00
		1	7	22.14	22.07	21.92	23.00
		1	14	21.95	21.99	22.00	23.00
		8	0	20.30	20.82	20.71	22.00
		8	4	20.91	20.89	20.77	22.00
		8	7	20.95	21.01	20.97	22.00
		15	0	20.84	20.79	20.67	22.00
	64QAM	1	0	20.96	20.90	20.95	22.00
		1	7	21.05	21.07	21.06	22.00
		1	14	21.03	21.02	21.03	22.00
		8	0	19.84	19.94	19.85	21.00
		8	4	19.99	19.95	19.88	21.00
		8	7	19.90	19.90	19.89	21.00
		15	0	19.83	19.91	19.84	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.84	22.80	22.65	24.00
		1	13	22.89	22.61	22.78	24.00
		1	24	22.65	22.82	22.60	24.00
		12	0	21.93	21.74	21.78	23.00
		12	6	21.78	21.87	21.71	23.00
		12	13	21.80	21.76	21.90	23.00
		25	0	21.89	21.88	21.80	23.00
	16QAM	1	0	22.49	22.14	21.98	23.00
		1	13	22.05	22.13	22.07	23.00
		1	24	22.08	21.99	22.01	23.00
		12	0	20.22	20.85	20.77	22.00
		12	6	20.92	20.79	20.92	22.00
		12	13	20.98	20.87	20.86	22.00
		25	0	20.88	20.87	20.65	22.00

		1	0	20.91	20.94	20.95	22.00
		1	13	21.10	21.01	21.07	22.00
		1	24	20.98	21.00	20.98	22.00
		12	0	19.89	19.92	19.86	21.00
		12	6	19.94	19.99	19.92	21.00
		12	13	19.86	19.88	19.91	21.00
		25	0	19.81	19.88	19.84	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.81	22.84	22.73	24.00
		1	25	22.91	22.73	22.75	24.00
		1	49	22.64	22.84	22.52	24.00
		25	0	21.82	21.91	21.84	23.00
		25	13	21.79	21.87	21.87	23.00
		25	25	21.96	21.89	21.80	23.00
		50	0	21.80	21.97	21.75	23.00
	16QAM	1	0	22.48	22.04	21.92	23.00
		1	25	22.07	21.99	22.05	23.00
		1	49	22.04	21.85	22.06	23.00
		25	0	20.33	20.94	20.83	22.00
		25	13	21.07	20.93	20.95	22.00
		25	25	20.85	20.89	20.97	22.00
		50	0	20.97	20.89	20.72	22.00
	64QAM	1	0	20.88	20.89	20.91	22.00
		1	25	21.06	21.07	21.13	22.00
		1	49	20.97	20.96	21.00	22.00
		25	0	19.92	19.92	19.83	21.00
		25	13	19.99	19.96	19.87	21.00
		25	25	19.84	19.87	19.86	21.00
		50	0	19.80	19.90	19.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.79	22.75	22.60	24.00
		1	38	22.77	22.59	22.77	24.00
		1	74	22.61	22.78	22.59	24.00
		36	0	21.77	21.79	21.82	23.00
		36	18	21.88	21.80	21.82	23.00
		36	39	21.76	21.93	21.91	23.00
		75	0	21.86	21.81	21.64	23.00
	16QAM	1	0	22.57	22.10	21.89	23.00
		1	38	22.05	21.99	22.09	23.00
		1	74	21.94	21.85	21.97	23.00
		36	0	20.35	20.94	20.83	22.00
		36	18	20.87	20.86	20.90	22.00
		36	39	20.92	21.01	20.83	22.00
		75	0	20.96	20.73	20.75	22.00
	64QAM	1	0	20.93	20.89	20.91	22.00
		1	38	21.07	21.09	21.08	22.00
		1	74	20.96	20.97	20.98	22.00
		36	0	19.88	19.93	19.82	21.00
		36	18	19.98	19.98	19.86	21.00
		36	39	19.85	19.94	19.88	21.00
		75	0	19.78	19.88	19.79	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.78	22.83	22.68	24.00
		1	50	22.82	22.67	22.78	24.00
		1	99	22.71	22.86	22.58	24.00
		50	0	21.87	21.82	21.77	23.00
		50	25	21.83	21.89	21.77	23.00
		50	50	21.86	21.85	21.86	23.00
		100	0	21.88	21.9	21.72	23.00
	16QAM	1	0	22.48	22.11	21.97	23.00
		1	50	22.08	22.07	22.02	23.00
		1	99	21.98	21.91	21.97	23.00
		50	0	20.26	20.87	20.81	22.00

		50	25	20.97	20.83	20.87	22.00
		50	50	20.9	20.92	20.91	22.00
		100	0	20.89	20.81	20.7	22.00
	64QAM	1	0	20.97	20.97	20.97	22.00
		1	50	21.13	21.10	21.14	22.00
		1	99	21.05	21.04	21.07	22.00
		50	0	19.93	19.97	19.90	21.00
		50	25	20.00	20.00	19.93	21.00
		50	50	19.91	19.95	19.94	21.00
		100	0	19.85	19.92	19.87	21.00

LTE Band 2 DSI 4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.32	20.16	20.13	21.50
		1	2	20.18	20.34	20.01	21.50
		1	5	20.21	20.08	20.21	21.50
		3	0	20.28	20.35	20.30	21.50
		3	2	20.27	20.35	20.30	21.50
		3	3	20.34	20.25	20.37	21.50
		6	0	20.39	20.30	20.37	21.50
	16QAM	1	0	20.53	20.77	20.29	21.50
		1	2	20.79	20.41	20.32	21.50
		1	5	20.75	20.59	20.71	21.50
		3	0	20.22	20.21	20.43	21.50
		3	2	20.41	20.42	20.33	21.50
		3	3	20.28	20.50	20.30	21.50
		6	0	20.35	20.17	20.29	21.50
	64QAM	1	0	20.47	20.39	20.45	21.50
		1	2	20.30	20.39	20.30	21.50
		1	5	20.33	20.31	20.30	21.50
		3	0	20.36	20.31	20.28	21.50
		3	2	20.31	20.32	20.31	21.50
		3	3	20.39	20.30	20.28	21.50
		6	0	19.79	19.70	19.66	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	20.27	20.13	20.24	21.50
		1	7	20.15	20.30	20.03	21.50
		1	14	20.26	20.05	20.23	21.50
		8	0	20.41	20.24	20.29	21.50
		8	4	20.34	20.31	20.32	21.50
		8	7	20.26	20.42	20.24	21.50
		15	0	20.42	20.25	20.23	21.50
	16QAM	1	0	20.50	20.77	20.28	21.50
		1	7	20.73	20.50	20.33	21.50
		1	14	20.81	20.47	20.58	21.50
		8	0	20.22	20.30	20.36	21.50
		8	4	20.37	20.39	20.31	21.50
		8	7	20.40	20.46	20.38	21.50
		15	0	20.29	20.25	20.17	21.50
	64QAM	1	0	20.45	20.39	20.43	21.50
		1	7	20.34	20.40	20.35	21.50
		1	14	20.39	20.37	20.25	21.50
		8	0	19.91	19.86	19.86	21.00
		8	4	19.78	19.84	19.74	21.00
		8	7	19.70	19.73	19.78	21.00
		15	0	19.77	19.74	19.65	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	20.24	20.11	20.21	21.50
		1	13	20.28	20.33	20.13	21.50
		1	24	20.22	20.03	20.04	21.50
		12	0	20.38	20.25	20.15	21.50

		12	6	20.38	20.43	20.35	21.50
		12	13	20.22	20.22	20.30	21.50
		25	0	20.36	20.21	20.36	21.50
	16QAM	1	0	20.47	20.82	20.28	21.50
		1	13	20.68	20.56	20.33	21.50
		1	24	20.70	20.48	20.70	21.50
		12	0	20.37	20.22	20.38	21.50
		12	6	20.42	20.39	20.33	21.50
		12	13	20.33	20.37	20.29	21.50
		25	0	20.35	20.18	20.27	21.50
	64QAM	1	0	20.44	20.41	20.41	21.50
		1	13	20.36	20.39	20.31	21.50
		1	24	20.32	20.31	20.25	21.50
		12	0	19.88	19.84	19.91	21.00
		12	6	19.79	19.81	19.80	21.00
		12	13	19.70	19.75	19.77	21.00
		25	0	19.78	19.71	19.72	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.33	20.12	20.24	21.50
		1	25	20.16	20.25	20.18	21.50
		1	49	20.16	20.16	20.11	21.50
		25	0	20.40	20.28	20.22	21.50
		25	13	20.31	20.26	20.15	21.50
		25	25	20.34	20.22	20.29	21.50
		50	0	20.36	20.23	20.40	21.50
	16QAM	1	0	20.54	20.88	20.23	21.50
		1	25	20.76	20.41	20.30	21.50
		1	49	20.84	20.45	20.56	21.50
		25	0	20.36	20.32	20.39	21.50
		25	13	20.41	20.35	20.31	21.50
		25	25	20.26	20.37	20.32	21.50
		50	0	20.34	20.17	20.17	21.50
	64QAM	1	0	20.46	20.39	20.38	21.50
		1	25	20.34	20.36	20.34	21.50
		1	49	20.35	20.34	20.28	21.50
		25	0	19.96	19.84	19.91	21.00
		25	13	19.78	19.84	19.73	21.00
		25	25	19.72	19.76	19.76	21.00
		50	0	19.77	19.67	19.68	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.28	20.25	20.26	21.50
		1	38	20.26	20.21	20.08	21.50
		1	74	20.14	20.02	20.20	21.50
		36	0	20.23	20.35	20.21	21.50
		36	18	20.43	20.33	20.30	21.50
		36	39	20.28	20.24	20.23	21.50
		75	0	20.28	20.18	20.35	21.50
	16QAM	1	0	20.41	20.70	20.24	21.50
		1	38	20.72	20.46	20.37	21.50
		1	74	20.75	20.56	20.61	21.50
		36	0	20.26	20.34	20.50	21.50
		36	18	20.45	20.27	20.31	21.50
		36	39	20.45	20.49	20.21	21.50
		75	0	20.41	20.29	20.14	21.50
	64QAM	1	0	20.43	20.43	20.44	21.50
		1	38	20.35	20.40	20.33	21.50
		1	74	20.32	20.35	20.24	21.50
		36	0	19.95	19.84	19.85	21.00
		36	18	19.75	19.86	19.77	21.00
		36	39	19.74	19.77	19.72	21.00
		75	0	19.73	19.67	19.64	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.25	20.19	20.23	21.50

		1	50	20.2	20.28	20.09	21.50
		1	99	20.21	20.07	20.14	21.50
		50	0	20.32	20.26	20.25	21.50
		50	25	20.35	20.36	20.25	21.50
		50	50	20.31	20.32	20.29	21.50
	16QAM	100	0	20.32	20.2	20.3	21.50
		1	0	20.51	20.79	20.28	21.50
		1	50	20.77	20.51	20.28	21.50
		1	99	20.79	20.51	20.61	21.50
		50	0	20.28	20.27	20.4	21.50
	64QAM	50	25	20.4	20.32	20.25	21.50
		50	50	20.36	20.42	20.28	21.50
		100	0	20.36	20.19	20.22	21.50
		1	0	20.52	20.46	20.46	21.50
		1	50	20.37	20.41	20.37	21.50
		1	99	20.40	20.38	20.33	21.50
		50	0	19.97	19.93	19.93	21.00
		50	25	19.80	19.87	19.82	21.00
		50	50	19.76	19.78	19.81	21.00
		100	0	19.80	19.76	19.73	21.00

LTE Band 2 DSI 8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.30	19.18	19.13	20.50
		1	2	19.32	19.18	19.15	20.50
		1	5	19.09	19.25	19.30	20.50
		3	0	19.42	19.35	19.26	20.50
		3	2	19.35	19.21	19.28	20.50
		3	3	19.46	19.45	19.42	20.50
	16QAM	6	0	19.35	19.28	19.32	20.50
		1	0	19.88	19.78	19.81	20.50
		1	2	19.70	19.81	19.70	20.50
		1	5	19.64	19.71	19.70	20.50
		3	0	19.43	19.27	19.19	20.50
		3	2	19.30	19.22	19.17	20.50
	64QAM	3	3	19.37	19.52	19.17	20.50
		6	0	19.37	19.25	19.22	20.50
		1	0	19.62	19.40	19.56	20.50
		1	2	19.44	19.42	19.41	20.50
		1	5	19.38	19.38	19.43	20.50
		3	0	18.99	18.94	19.01	20.50
3MHz	QPSK	3	2	19.14	19.00	18.80	20.50
		3	3	19.06	19.02	18.84	20.50
		6	0	19.02	18.89	18.86	20.50
	16QAM	1	0	19.27	19.25	19.09	20.50
		1	7	19.31	19.08	19.16	20.50
		1	14	19.21	19.11	19.27	20.50
	64QAM	8	0	19.27	19.30	19.21	20.50
		8	4	19.41	19.29	19.26	20.50
		8	7	19.32	19.51	19.32	20.50
	16QAM	15	0	19.47	19.30	19.28	20.50
		1	0	19.97	19.82	19.77	20.50
		1	7	19.56	19.82	19.81	20.50
		1	14	19.79	19.69	19.77	20.50
	64QAM	8	0	19.41	19.20	19.19	20.50
		8	4	19.46	19.30	19.17	20.50
		8	7	19.29	19.52	19.23	20.50
		15	0	19.25	19.20	19.19	20.50
		1	0	19.65	19.37	19.47	20.50
		1	7	19.25	19.46	19.44	20.50
		1	14	19.37	19.39	19.46	20.50

		8	0	18.95	19.01	19.01	20.50		
		8	4	19.02	19.03	18.82	20.50		
		8	7	19.02	19.07	18.95	20.50		
		15	0	18.93	18.85	18.93	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				18625	18900	19175			
5MHz	QPSK	1	0	19.35	19.21	19.09	20.50		
		1	13	19.21	19.07	19.17	20.50		
		1	24	19.12	19.16	19.18	20.50		
		12	0	19.26	19.32	19.32	20.50		
		12	6	19.36	19.36	19.26	20.50		
		12	13	19.29	19.44	19.34	20.50		
	16QAM	25	0	19.41	19.26	19.22	20.50		
		1	0	19.87	19.66	19.78	20.50		
		1	13	19.66	19.70	19.72	20.50		
		1	24	19.66	19.74	19.77	20.50		
		12	0	19.26	19.29	19.33	20.50		
		12	6	19.49	19.32	19.13	20.50		
	64QAM	12	13	19.30	19.52	19.31	20.50		
		25	0	19.28	19.18	19.30	20.50		
		1	0	19.62	19.50	19.53	20.50		
		1	13	19.43	19.45	19.49	20.50		
		1	24	19.43	19.44	19.36	20.50		
		12	0	18.95	19.03	19.05	20.50		
		12	6	19.15	19.07	18.91	20.50		
		12	13	19.03	19.13	18.99	20.50		
		25	0	19.06	18.94	19.03	20.50		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						18650	18900	19150	
		10MHz	QPSK	1	0	19.23	19.22	18.99	20.50
1	25			19.26	19.12	19.17	20.50		
1	49			19.08	19.27	19.30	20.50		
25	0			19.31	19.41	19.22	20.50		
25	13			19.42	19.18	19.18	20.50		
25	25			19.31	19.50	19.26	20.50		
16QAM	50		0	19.38	19.23	19.23	20.50		
	1		0	19.78	19.69	19.83	20.50		
	1		25	19.62	19.84	19.63	20.50		
	1		49	19.78	19.82	19.62	20.50		
	25		0	19.39	19.19	19.33	20.50		
	25		13	19.47	19.34	19.22	20.50		
64QAM	25		25	19.33	19.52	19.26	20.50		
	50		0	19.31	19.29	19.31	20.50		
	1		0	19.67	19.42	19.56	20.50		
	1		25	19.28	19.45	19.37	20.50		
	1		49	19.42	19.42	19.36	20.50		
	25		0	19.04	18.99	19.07	20.50		
	25		13	19.09	18.92	18.91	20.50		
	25		25	19.08	19.04	18.90	20.50		
	50		0	19.07	18.94	18.92	20.50		
	Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						18675	18900	19125	
	15MHz		QPSK	1	0	19.18	19.30	19.11	20.50
1		38		19.21	19.07	19.05	20.50		
1		74		19.04	19.12	19.27	20.50		
36		0		19.35	19.31	19.34	20.50		
36		18		19.40	19.30	19.27	20.50		
36		39		19.36	19.45	19.36	20.50		
16QAM		75	0	19.39	19.42	19.22	20.50		
		1	0	19.78	19.68	19.90	20.50		
		1	38	19.61	19.71	19.67	20.50		
		1	74	19.75	19.81	19.79	20.50		
		36	0	19.41	19.19	19.30	20.50		
		36	18	19.34	19.23	19.24	20.50		
		36	39	19.31	19.37	19.32	20.50		
		75	0	19.40	19.13	19.24	20.50		

		1	0	19.63	19.51	19.55	20.50
		1	38	19.29	19.45	19.49	20.50
		1	74	19.36	19.52	19.32	20.50
		36	0	19.02	19.00	19.06	20.50
		36	18	19.14	19.06	18.80	20.50
		36	39	18.92	19.18	19.02	20.50
		75	0	19.12	18.85	18.88	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.26	19.27	19.04	20.50
		1	50	19.31	19.17	19.12	20.50
		1	99	19.11	19.2	19.26	20.50
		50	0	19.34	19.37	19.28	20.50
		50	25	19.42	19.27	19.28	20.50
		50	50	19.37	19.41	19.34	20.50
		100	0	19.39	19.32	19.24	20.50
	16QAM	1	0	19.87	19.73	19.85	20.50
		1	50	19.65	19.76	19.73	20.50
		1	99	19.7	19.75	19.71	20.50
		50	0	19.34	19.25	19.28	20.50
		50	25	19.39	19.28	19.17	20.50
		50	50	19.31	19.42	19.22	20.50
		100	0	19.32	19.21	19.23	20.50
	64QAM	1	0	19.61	19.39	19.46	20.50
		1	50	19.43	19.56	19.43	20.50
		1	99	19.44	19.50	19.32	20.50
		50	0	19.08	18.90	19.00	20.50
		50	25	19.11	18.88	18.85	20.50
		50	50	18.93	19.19	18.89	20.50
		100	0	19.09	18.95	18.95	20.50

LTE Band 4 DSI 2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.05	23.10	23.15	24.20
		1	2	23.19	22.99	23.16	24.20
		1	5	23.01	22.99	22.88	24.20
		3	0	23.11	23.14	23.07	24.20
		3	2	23.12	22.94	23.08	24.20
		3	3	22.99	22.95	23.00	24.20
		6	0	22.28	22.20	22.16	23.20
	16QAM	1	0	22.27	22.60	22.64	23.20
		1	2	22.40	22.45	22.49	23.20
		1	5	22.64	22.64	22.64	23.20
		3	0	22.23	22.74	22.67	23.20
		3	2	22.49	22.38	22.40	23.20
		3	3	22.52	22.66	22.68	23.20
		6	0	21.26	21.17	21.22	22.20
	64QAM	1	0	21.39	21.39	21.37	22.20
		1	2	21.52	21.52	21.56	22.20
		1	5	21.40	21.39	21.44	22.20
		3	0	21.42	21.36	21.44	22.20
		3	2	21.43	21.40	21.44	22.20
		3	3	21.46	21.43	21.42	22.20
		6	0	20.24	20.17	20.22	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.03	23.24	23.04	24.20
		1	7	23.28	22.97	23.05	24.20
		1	14	22.92	22.96	22.83	24.20
		8	0	22.11	22.19	22.16	23.20
		8	4	22.29	22.05	22.22	23.20
		8	7	22.05	22.13	22.11	23.20
		15	0	22.10	22.12	21.99	23.20

		1	0	22.38	22.55	22.57	23.20
		1	7	22.49	22.44	22.42	23.20
	16QAM	1	14	22.52	22.67	22.70	23.20
		8	0	21.19	21.19	21.19	22.20
		8	4	21.14	21.12	21.22	22.20
		8	7	21.16	21.11	21.30	22.20
		15	0	21.13	21.03	21.26	22.20
		1	0	21.45	21.37	21.40	22.20
		1	7	21.54	21.54	21.52	22.20
	64QAM	1	14	21.40	21.38	21.43	22.20
		8	0	20.15	20.07	20.11	21.20
		8	4	20.16	20.13	20.15	21.20
		8	7	20.33	20.26	20.21	21.20
		15	0	20.21	20.17	20.17	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.07	23.11	23.00	24.20
		1	13	23.25	22.96	23.19	24.20
		1	24	23.11	22.94	22.84	24.20
		12	0	22.12	22.23	22.23	23.20
		12	6	22.22	22.03	22.20	23.20
		12	13	22.20	22.13	22.22	23.20
		25	0	22.14	22.24	22.04	23.20
	16QAM	1	0	22.30	22.72	22.66	23.20
		1	13	22.58	22.43	22.50	23.20
		1	24	22.48	22.59	22.58	23.20
		12	0	21.17	21.21	21.16	22.20
		12	6	21.19	21.06	21.10	22.20
		12	13	21.23	21.26	21.28	22.20
		25	0	21.20	21.19	21.08	22.20
	64QAM	1	0	21.37	21.38	21.42	22.20
		1	13	21.54	21.50	21.56	22.20
		1	24	21.47	21.43	21.40	22.20
		12	0	20.12	20.09	20.17	21.20
		12	6	20.12	20.15	20.15	21.20
		12	13	20.29	20.30	20.20	21.20
		25	0	20.25	20.12	20.21	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.98	23.15	22.99	24.20
		1	25	23.27	23.05	23.12	24.20
		1	49	22.91	23.07	22.85	24.20
		25	0	22.19	22.14	22.09	23.20
		25	13	22.25	22.22	22.04	23.20
		25	25	22.23	22.17	22.04	23.20
		50	0	22.27	22.12	22.15	23.20
	16QAM	1	0	22.38	22.60	22.63	23.20
		1	25	22.47	22.45	22.36	23.20
		1	49	22.46	22.68	22.53	23.20
		25	0	21.08	21.09	21.21	22.20
		25	13	21.29	21.00	21.03	22.20
		25	25	21.20	21.21	21.34	22.20
		50	0	21.07	21.22	21.24	22.20
	64QAM	1	0	21.45	21.38	21.41	22.20
		1	25	21.54	21.49	21.49	22.20
		1	49	21.39	21.37	21.45	22.20
		25	0	20.18	20.09	20.18	21.20
		25	13	20.17	20.16	20.11	21.20
		25	25	20.32	20.26	20.20	21.20
		50	0	20.22	20.11	20.17	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.06	23.16	23.11	24.20
		1	38	23.25	23.10	23.16	24.20
		1	74	22.96	22.94	22.95	24.20
		36	0	22.14	22.17	22.24	23.20

		36	18	22.31	22.13	22.07	23.20
		36	39	22.12	22.22	22.07	23.20
		75	0	22.28	22.24	22.08	23.20
	16QAM	1	0	22.34	22.67	22.64	23.20
		1	38	22.55	22.28	22.45	23.20
		1	74	22.63	22.63	22.67	23.20
		36	0	21.20	21.12	21.23	22.20
		36	18	21.21	21.12	21.19	22.20
		36	39	21.07	21.19	21.24	22.20
		75	0	21.12	21.22	21.19	22.20
	64QAM	1	0	21.41	21.38	21.43	22.20
		1	38	21.51	21.49	21.50	22.20
		1	74	21.40	21.37	21.43	22.20
		36	0	20.11	20.12	20.14	21.20
		36	18	20.15	20.15	20.19	21.20
		36	39	20.32	20.26	20.22	21.20
		75	0	20.21	20.13	20.22	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.08	23.15	23.08	24.20
		1	50	23.21	23.01	23.11	24.20
		1	99	23.01	22.97	22.92	24.20
		50	0	22.17	22.22	22.16	23.20
		50	25	22.23	22.13	22.13	23.20
		50	50	22.14	22.12	22.13	23.20
		100	0	22.2	22.22	22.07	23.20
	16QAM	1	0	22.29	22.65	22.65	23.20
		1	50	22.5	22.38	22.41	23.20
		1	99	22.56	22.6	22.63	23.20
		50	0	21.15	21.17	21.15	22.20
		50	25	21.23	21.07	21.13	22.20
		50	50	21.14	21.18	21.29	22.20
		100	0	21.16	21.12	21.16	22.20
	64QAM	1	0	21.46	21.45	21.46	22.20
		1	50	21.55	21.56	21.57	22.20
		1	99	21.48	21.44	21.46	22.20
		50	0	20.19	20.15	20.19	21.20
		50	25	20.20	20.18	20.20	21.20
		50	50	20.37	20.35	20.29	21.20
		100	0	20.26	20.20	20.25	21.20

LTE Band 4 DSI 4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.18	20.98	21.10	22.20
		1	2	21.07	21.04	21.11	22.20
		1	5	21.02	21.00	20.85	22.20
		3	0	21.23	21.06	21.23	22.20
		3	2	21.11	21.08	21.11	22.20
		3	3	21.00	21.02	21.02	22.20
		6	0	21.14	21.05	21.11	22.20
	16QAM	1	0	21.33	21.33	21.72	22.20
		1	2	21.73	21.44	21.23	22.20
		1	5	21.69	21.41	21.57	22.20
		3	0	21.07	21.04	21.21	22.20
		3	2	21.11	21.04	21.01	22.20
		3	3	21.12	21.28	21.20	22.20
		6	0	21.18	21.17	21.11	22.20
	64QAM	1	0	21.23	21.25	21.29	22.20
		1	2	21.16	21.18	21.22	22.20
		1	5	21.19	21.16	21.18	22.20
		3	0	21.21	21.15	21.19	22.20
		3	2	21.19	21.13	21.21	22.20
		3	3	21.21	21.17	21.20	22.20

		6	0	20.05	20.06	20.02	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	21.25	21.10	21.14	22.20
		1	7	21.07	21.00	20.98	22.20
		1	14	20.93	21.05	20.88	22.20
		8	0	21.25	21.14	21.16	22.20
		8	4	21.15	21.19	21.16	22.20
		8	7	20.99	21.13	21.10	22.20
		15	0	21.05	21.02	21.01	22.20
	16QAM	1	0	21.26	21.34	21.70	22.20
		1	7	21.61	21.49	21.21	22.20
		1	14	21.53	21.38	21.70	22.20
		8	0	20.96	21.23	21.03	22.20
		8	4	21.17	21.17	21.01	22.20
		8	7	21.18	21.22	21.17	22.20
		15	0	21.18	21.25	20.97	22.20
	64QAM	1	0	21.31	21.27	21.23	22.20
		1	7	21.23	21.21	21.17	22.20
		1	14	21.13	21.13	21.20	22.20
		8	0	20.13	20.18	20.16	21.20
		8	4	20.18	20.11	20.12	21.20
		8	7	20.05	20.05	20.08	21.20
		15	0	19.99	20.07	20.05	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	21.25	21.08	20.96	22.20
		1	13	21.03	21.06	20.99	22.20
		1	24	20.91	21.12	20.88	22.20
		12	0	21.10	21.24	21.10	22.20
		12	6	21.14	21.07	21.06	22.20
		12	13	21.05	21.16	21.19	22.20
		25	0	21.16	20.98	21.12	22.20
	16QAM	1	0	21.22	21.45	21.60	22.20
		1	13	21.67	21.48	21.22	22.20
		1	24	21.61	21.36	21.72	22.20
		12	0	21.13	21.09	21.10	22.20
		12	6	21.23	21.02	21.07	22.20
		12	13	21.17	21.21	21.23	22.20
		25	0	21.17	21.16	21.08	22.20
	64QAM	1	0	21.28	21.26	21.27	22.20
		1	13	21.17	21.20	21.22	22.20
		1	24	21.15	21.17	21.13	22.20
		12	0	20.17	20.14	20.13	21.20
		12	6	20.18	20.12	20.16	21.20
		12	13	20.10	20.05	20.10	21.20
		25	0	20.04	20.07	20.05	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.17	21.12	21.01	22.20
		1	25	21.04	21.05	21.06	22.20
		1	49	21.08	20.98	20.97	22.20
		25	0	21.07	21.24	21.27	22.20
		25	13	21.23	21.05	21.15	22.20
		25	25	20.98	21.09	21.17	22.20
		50	0	21.06	21.06	21.02	22.20
	16QAM	1	0	21.26	21.35	21.71	22.20
		1	25	21.58	21.44	21.24	22.20
		1	49	21.60	21.51	21.56	22.20
		25	0	20.96	21.22	21.14	22.20
		25	13	21.09	21.05	21.17	22.20
		25	25	21.10	21.23	21.12	22.20
		50	0	21.21	21.26	20.94	22.20
	64QAM	1	0	21.31	21.27	21.28	22.20
		1	25	21.18	21.24	21.16	22.20
		1	49	21.16	21.21	21.14	22.20

		25	0	20.21	20.16	20.19	21.20
		25	13	20.11	20.17	20.11	21.20
		25	25	20.02	20.09	20.07	21.20
		50	0	20.05	20.01	20.04	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	21.14	21.14	21.10	22.20
		1	38	21.11	21.02	21.11	22.20
		1	74	21.03	21.09	20.91	22.20
		36	0	21.12	21.25	21.13	22.20
		36	18	21.06	21.17	21.04	22.20
		36	39	21.07	20.99	21.02	22.20
		75	0	21.09	21.00	21.14	22.20
	16QAM	1	0	21.30	21.30	21.53	22.20
		1	38	21.61	21.44	21.22	22.20
		1	74	21.70	21.47	21.55	22.20
		36	0	21.13	21.23	21.08	22.20
		36	18	21.17	21.02	21.05	22.20
		36	39	21.16	21.26	21.24	22.20
		75	0	21.21	21.11	21.05	22.20
	64QAM	1	0	21.30	21.28	21.27	22.20
		1	38	21.23	21.16	21.20	22.20
		1	74	21.21	21.16	21.20	22.20
		36	0	20.21	20.13	20.16	21.20
		36	18	20.14	20.15	20.15	21.20
		36	39	20.06	20.04	20.09	21.20
		75	0	19.99	20.04	20.05	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	21.15	21.06	21.04	22.20
		1	50	21.13	20.97	21.03	22.20
		1	99	21	21.02	20.93	22.20
		50	0	21.15	21.16	21.17	22.20
		50	25	21.16	21.12	21.12	22.20
		50	50	21.07	21.06	21.12	22.20
		100	0	21.11	21.03	21.05	22.20
	16QAM	1	0	21.28	21.36	21.62	22.20
		1	50	21.66	21.48	21.27	22.20
		1	99	21.6	21.42	21.65	22.20
		50	0	21.06	21.13	21.13	22.20
		50	25	21.15	21.11	21.11	22.20
		50	50	21.16	21.22	21.18	22.20
		100	0	21.17	21.17	21.02	22.20
	64QAM	1	0	21.30	21.31	21.24	22.20
		1	50	21.24	21.22	21.16	22.20
		1	99	21.17	21.19	21.21	22.20
		50	0	20.16	20.14	20.15	21.20
		50	25	20.12	20.17	20.18	21.20
		50	50	20.05	20.09	20.08	21.20
		100	0	19.99	19.99	20.07	21.20

LTE Band 4 DSI 8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.02	20.01	19.98	21.20
		1	2	19.92	20.18	20.10	21.20
		1	5	19.92	19.81	19.87	21.20
		3	0	19.94	20.04	20.05	21.20
		3	2	20.17	19.96	19.99	21.20
		3	3	20.06	20.13	20.14	21.20
		6	0	20.12	20.03	20.18	21.20
	16QAM	1	0	20.55	20.63	20.40	21.20
		1	2	20.60	20.53	20.16	21.20
		1	5	20.27	20.21	20.57	21.20
		3	0	20.12	19.98	20.09	21.20
		3	2	20.28	20.14	20.15	21.20
		3	3	20.04	20.13	20.07	21.20
		6	0	20.09	20.12	20.05	21.20
	64QAM	1	0	20.19	20.14	20.27	21.20
		1	2	20.08	20.20	20.17	21.20
		1	5	20.27	20.26	20.27	21.20
		3	0	20.12	20.16	20.05	21.20
		3	2	20.05	20.14	20.11	21.20
		3	3	20.16	20.25	20.16	21.20
		6	0	20.00	19.96	19.99	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.01	20.00	20.04	21.20
		1	7	19.86	20.24	20.15	21.20
		1	14	19.92	19.88	20.00	21.20
		8	0	20.07	20.04	20.02	21.20
		8	4	20.06	20.07	20.01	21.20
		8	7	20.10	20.09	19.98	21.20
		15	0	19.99	19.99	20.12	21.20
	16QAM	1	0	20.56	20.65	20.35	21.20
		1	7	20.72	20.50	20.15	21.20
		1	14	20.24	20.12	20.65	21.20
		8	0	19.97	20.07	20.01	21.20
		8	4	20.12	20.25	20.20	21.20
		8	7	20.02	20.16	20.17	21.20
		15	0	20.07	20.01	20.13	21.20
	64QAM	1	0	20.08	20.15	20.11	21.20
		1	7	20.24	20.14	20.19	21.20
		1	14	20.21	20.20	20.21	21.20
		8	0	20.06	20.22	20.22	21.20
		8	4	19.98	19.99	20.13	21.20
		8	7	20.19	20.31	20.16	21.20
		15	0	19.96	19.99	19.93	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.92	19.99	19.98	21.20
		1	13	19.95	20.23	20.00	21.20
		1	24	19.99	19.83	19.88	21.20
		12	0	20.04	19.99	20.08	21.20
		12	6	20.21	20.05	20.09	21.20
		12	13	20.13	20.17	20.09	21.20
		25	0	19.95	19.98	19.99	21.20
	16QAM	1	0	20.55	20.63	20.22	21.20
		1	13	20.63	20.60	20.12	21.20
		1	24	20.11	20.06	20.76	21.20
		12	0	20.11	20.02	20.06	21.20
		12	6	20.14	20.11	20.16	21.20
		12	13	20.19	20.07	20.11	21.20
		25	0	20.17	20.11	20.13	21.20

		1	0	20.25	20.24	20.23	21.20
		1	13	20.05	20.22	20.16	21.20
		1	24	20.16	20.34	20.20	21.20
		12	0	20.14	20.05	20.10	21.20
		12	6	20.12	20.04	20.00	21.20
		12	13	20.14	20.29	20.13	21.20
		25	0	19.91	20.04	20.06	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.88	19.88	20.06	21.20
		1	25	19.88	20.24	20.14	21.20
		1	49	19.93	19.79	19.91	21.20
		25	0	20.08	20.00	20.13	21.20
		25	13	20.03	20.12	20.08	21.20
		25	25	20.07	20.20	20.09	21.20
		50	0	20.14	20.12	20.01	21.20
	16QAM	1	0	20.70	20.62	20.29	21.20
		1	25	20.69	20.59	20.19	21.20
		1	49	20.07	20.08	20.68	21.20
		25	0	20.02	19.99	20.13	21.20
		25	13	20.25	20.06	20.26	21.20
		25	25	20.17	20.09	20.01	21.20
		50	0	20.09	20.02	20.03	21.20
	64QAM	1	0	20.23	20.12	20.09	21.20
		1	25	20.13	20.12	20.06	21.20
		1	49	20.17	20.28	20.17	21.20
		25	0	20.18	20.12	20.09	21.20
		25	13	20.03	19.99	19.96	21.20
		25	25	20.32	20.24	20.27	21.20
		50	0	20.07	19.93	19.94	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.93	20.04	20.15	21.20
		1	38	19.92	20.10	19.97	21.20
		1	74	20.08	19.90	19.93	21.20
		36	0	19.95	20.03	20.14	21.20
		36	18	20.02	19.97	20.04	21.20
		36	39	20.01	20.11	20.15	21.20
		75	0	20.02	20.11	20.04	21.20
	16QAM	1	0	20.62	20.51	20.23	21.20
		1	38	20.65	20.53	20.07	21.20
		1	74	20.19	20.05	20.62	21.20
		36	0	20.10	19.93	19.99	21.20
		36	18	20.13	20.24	20.17	21.20
		36	39	20.14	20.15	20.12	21.20
		75	0	20.15	20.04	19.99	21.20
	64QAM	1	0	20.26	20.12	20.25	21.20
		1	38	20.08	20.16	20.09	21.20
		1	74	20.21	20.21	20.34	21.20
		36	0	20.18	20.07	20.04	21.20
		36	18	20.03	20.02	20.04	21.20
		36	39	20.33	20.22	20.17	21.20
		75	0	20.07	19.91	20.04	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.98	19.95	20.08	21.20
		1	50	19.96	20.15	20.07	21.20
		1	99	19.98	19.89	19.95	21.20
		50	0	19.99	20.09	20.1	21.20
		50	25	20.12	20.03	20.09	21.20
		50	50	20.11	20.15	20.07	21.20
		100	0	20.05	20.06	20.09	21.20
	16QAM	1	0	20.64	20.55	20.31	21.20
		1	50	20.62	20.59	20.14	21.20
		1	99	20.17	20.12	20.66	21.20
		50	0	20.06	20.03	20.09	21.20

		50	25	20.2	20.15	20.17	21.20
		50	50	20.11	20.11	20.1	21.20
		100	0	20.08	20.1	20.09	21.20
	64QAM	1	0	20.22	20.26	20.10	21.20
		1	50	20.06	20.13	20.10	21.20
		1	99	20.30	20.26	20.32	21.20
		50	0	20.17	20.14	20.10	21.20
		50	25	20.12	20.04	19.96	21.20
		50	50	20.24	20.29	20.15	21.20
		100	0	19.99	19.91	19.92	21.20

LTE Band 7 DSI 2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.85	23.01	22.89	24.00
		1	13	23.01	23.25	23.03	24.00
		1	24	23.17	23.16	23.01	24.00
		12	0	21.92	22.19	22.07	23.00
		12	6	22.15	22.26	22.11	23.00
		12	13	22.30	22.28	22.23	23.00
	16QAM	25	0	22.16	22.18	22.19	23.00
		1	0	21.98	22.23	22.71	23.00
		1	13	22.47	22.83	22.47	23.00
		1	24	22.39	22.87	22.28	23.00
		12	0	21.14	21.21	21.27	22.00
		12	6	21.18	21.37	21.10	22.00
	64QAM	12	13	21.28	21.42	21.05	22.00
		25	0	21.18	21.22	21.22	22.00
		1	0	20.84	20.77	20.82	22.00
		1	13	20.99	21.00	21.00	22.00
		1	24	21.03	21.04	21.03	22.00
		12	0	19.90	19.85	19.90	21.00
10MHz	QPSK	12	6	19.83	19.85	19.84	21.00
		12	13	19.92	19.88	19.94	21.00
		25	0	19.88	19.95	19.87	21.00
	16QAM	1	0	22.91	23.05	22.97	24.00
		1	25	23.05	23.25	23.04	24.00
		1	49	23.10	23.30	23.09	24.00
	64QAM	25	0	21.84	22.11	22.09	23.00
		25	13	22.20	22.40	22.05	23.00
		25	25	22.23	22.38	22.22	23.00
		50	0	22.20	22.25	22.18	23.00
	16QAM	1	0	21.93	22.18	22.59	23.00
		1	25	22.42	22.70	22.56	23.00
		1	49	22.23	22.77	22.31	23.00
	64QAM	25	0	21.17	21.10	21.38	22.00
		25	13	21.22	21.38	21.19	22.00
		25	25	21.31	21.46	20.98	22.00
15MHz	QPSK	50	0	21.20	21.32	21.33	22.00
		1	0	20.83	20.79	20.85	22.00
		1	25	20.97	21.04	21.01	22.00
		1	49	21.02	21.05	20.99	22.00
		25	0	19.90	19.86	19.93	21.00
		25	13	19.86	19.87	19.85	21.00
	16QAM	25	25	19.90	19.93	19.95	21.00
		50	0	19.94	19.94	19.88	21.00
	64QAM	1	0	22.99	22.91	22.84	24.00
		1	38	22.94	23.28	22.97	24.00
		1	74	23.14	23.15	23.00	24.00
		36	0	21.89	22.12	22.18	23.00

		36	18	22.28	22.34	22.14	23.00
		36	39	22.20	22.42	22.23	23.00
		75	0	22.11	22.14	22.08	23.00
	16QAM	1	0	21.85	22.21	22.67	23.00
		1	38	22.44	22.77	22.48	23.00
		1	74	22.41	22.86	22.44	23.00
		36	0	21.11	21.21	21.28	22.00
		36	18	21.11	21.30	21.18	22.00
		36	39	21.26	21.46	21.09	22.00
		75	0	21.23	21.36	21.19	22.00
	64QAM	1	0	20.82	20.82	20.85	22.00
		1	38	21.02	21.02	21.04	22.00
		1	74	21.03	20.99	21.06	22.00
		36	0	19.83	19.91	19.88	21.00
		36	18	19.87	19.84	19.87	21.00
		36	39	19.86	19.92	19.96	21.00
		75	0	19.95	19.94	19.88	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.89	22.95	22.87	24.00
		1	50	23.01	23.29	23.03	24.00
		1	99	23.07	23.21	22.99	24.00
		50	0	21.94	22.21	22.13	23.00
		50	25	22.18	22.3	22.15	23.00
		50	50	22.25	22.33	22.19	23.00
		100	0	22.17	22.2	22.09	23.00
	16QAM	1	0	21.95	22.16	22.61	23.00
		1	50	22.49	22.77	22.56	23.00
		1	99	22.31	22.84	22.36	23.00
		50	0	21.18	21.11	21.28	22.00
		50	25	21.21	21.31	21.14	22.00
		50	50	21.25	21.42	21.06	22.00
		100	0	21.19	21.32	21.24	22.00
	64QAM	1	0	20.86	20.84	20.91	22.00
		1	50	21.05	21.08	21.08	22.00
		1	99	21.11	21.07	21.08	22.00
		50	0	19.92	19.93	19.94	21.00
		50	25	19.92	19.89	19.93	21.00
		50	50	19.95	19.95	19.99	21.00
		100	0	19.97	19.96	19.92	21.00

LTE Band 7 DSI 4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.98	21.48	21.45	22.50
		1	13	21.47	21.55	21.59	22.50
		1	24	21.60	21.84	21.53	22.50
		12	0	21.38	21.66	21.64	22.50
		12	6	21.66	21.67	21.51	22.50
		12	13	21.54	21.75	21.71	22.50
		25	0	21.54	21.75	21.52	22.50
	16QAM	1	0	21.47	22.05	21.55	22.50
		1	13	21.92	22.35	22.14	22.50
		1	24	22.07	22.30	21.45	22.50
		12	0	20.99	21.25	21.13	22.00
		12	6	21.22	21.16	21.15	22.00
		12	13	21.28	21.34	21.28	22.00
		25	0	21.23	21.28	21.16	22.00
	64QAM	1	0	20.79	20.79	20.77	22.00
		1	13	20.82	20.83	20.87	22.00
		1	24	20.93	20.90	20.87	22.00
		12	0	19.81	19.79	19.79	21.00
		12	6	19.88	19.88	19.88	21.00
		12	13	19.92	19.93	19.92	21.00

Bandwidth	Modulation	25	0	19.86	19.82	19.82	21.00
		RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	21.06	21.50	21.43	22.50
		1	25	21.47	21.53	21.68	22.50
		1	49	21.61	21.76	21.55	22.50
		25	0	21.42	21.62	21.68	22.50
		25	13	21.57	21.81	21.62	22.50
		25	25	21.56	21.71	21.64	22.50
		50	0	21.63	21.76	21.57	22.50
	16QAM	1	0	21.49	21.97	21.75	22.50
		1	25	21.87	22.30	22.03	22.50
		1	49	22.12	22.21	21.51	22.50
		25	0	20.97	21.17	21.04	22.00
		25	13	21.30	21.14	21.05	22.00
		25	25	21.32	21.39	21.27	22.00
		50	0	21.20	21.21	21.14	22.00
	64QAM	1	0	20.80	20.82	20.79	22.00
		1	25	20.82	20.88	20.80	22.00
		1	49	20.90	20.89	20.89	22.00
		25	0	19.82	19.79	19.87	21.00
		25	13	19.84	19.88	19.90	21.00
		25	25	19.88	19.86	19.91	21.00
		50	0	19.79	19.83	19.86	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	21.02	21.46	21.47	22.50
		1	38	21.37	21.65	21.67	22.50
		1	74	21.66	21.79	21.66	22.50
		36	0	21.37	21.61	21.70	22.50
		36	18	21.54	21.77	21.51	22.50
		36	39	21.58	21.83	21.70	22.50
		75	0	21.48	21.80	21.46	22.50
	16QAM	1	0	21.59	21.96	21.56	22.50
		1	38	22.00	22.30	22.15	22.50
		1	74	22.05	22.31	21.43	22.50
		36	0	21.00	21.35	21.06	22.00
		36	18	21.20	21.07	21.08	22.00
		36	39	21.31	21.28	21.17	22.00
		75	0	21.16	21.21	21.01	22.00
	64QAM	1	0	20.81	20.74	20.75	22.00
		1	38	20.87	20.86	20.88	22.00
		1	74	20.87	20.91	20.89	22.00
		36	0	19.82	19.82	19.81	21.00
		36	18	19.84	19.87	19.92	21.00
		36	39	19.86	19.92	19.88	21.00
		75	0	19.84	19.80	19.85	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	21.04	21.44	21.39	22.50
		1	50	21.38	21.61	21.66	22.50
		1	99	21.56	21.74	21.57	22.50
		50	0	21.37	21.69	21.6	22.50
		50	25	21.59	21.76	21.61	22.50
		50	50	21.63	21.8	21.62	22.50
		100	0	21.57	21.75	21.53	22.50
	16QAM	1	0	21.49	21.99	21.65	22.50
		1	50	21.94	22.34	22.1	22.50
		1	99	22.13	22.31	21.53	22.50
		50	0	20.91	21.26	21.09	22.00
		50	25	21.22	21.17	21.11	22.00
		50	50	21.26	21.37	21.24	22.00
		100	0	21.18	21.22	21.1	22.00
	64QAM	1	0	20.81	20.80	20.80	22.00
		1	50	20.85	20.80	20.87	22.00
		1	99	20.86	20.94	20.88	22.00

		50	0	19.81	19.84	19.79	21.00
		50	25	19.91	19.84	19.91	21.00
		50	50	19.91	19.90	19.91	21.00
		100	0	19.85	19.79	19.83	21.00

LTE Band 7 DSI 8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	19.70	19.96	19.86	21.00
		1	13	19.79	20.17	19.91	21.00
		1	24	19.96	20.27	19.85	21.00
		12	0	19.90	20.22	20.02	21.00
		12	6	20.00	20.11	19.89	21.00
		12	13	20.04	20.22	19.93	21.00
		25	0	20.08	20.24	19.92	21.00
	16QAM	1	0	19.84	20.26	20.53	21.00
		1	13	20.12	20.62	20.19	21.00
		1	24	20.62	20.11	20.24	21.00
		12	0	20.11	20.22	20.03	21.00
		12	6	20.19	20.29	20.04	21.00
		12	13	20.22	20.21	20.20	21.00
		25	0	20.07	20.28	19.90	21.00
	64QAM	1	0	20.57	20.31	20.15	21.00
		1	13	20.29	20.45	20.35	21.00
		1	24	20.33	20.21	20.10	21.00
		12	0	20.36	20.25	19.99	21.00
		12	6	20.43	20.14	20.22	21.00
		12	13	20.41	20.11	20.19	21.00
		25	0	20.31	20.24	19.99	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	19.65	19.92	19.71	21.00
		1	25	19.95	20.14	20.03	21.00
		1	49	19.95	20.28	19.87	21.00
		25	0	20.01	20.17	20.05	21.00
		25	13	19.99	20.12	20.01	21.00
		25	25	19.98	20.15	19.93	21.00
		50	0	20.00	20.35	19.98	21.00
	16QAM	1	0	19.71	20.15	20.45	21.00
		1	25	20.20	20.60	20.22	21.00
		1	49	20.53	20.25	20.26	21.00
		25	0	19.99	20.18	20.11	21.00
		25	13	20.20	20.37	20.01	21.00
		25	25	20.25	20.16	20.10	21.00
		50	0	19.99	20.22	19.89	21.00
	64QAM	1	0	20.50	20.39	20.19	21.00
		1	25	20.45	20.25	20.16	21.00
		1	49	20.42	20.11	20.15	21.00
		25	0	20.27	20.24	20.05	21.00
		25	13	20.37	20.18	20.11	21.00
		25	25	20.29	20.01	20.05	21.00
		50	0	20.32	20.11	20.15	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	19.57	20.06	19.76	21.00
		1	38	19.83	20.13	19.91	21.00
		1	74	20.05	20.24	19.81	21.00
		36	0	19.98	20.08	20.01	21.00
		36	18	20.02	20.09	20.02	21.00
		36	39	20.03	20.15	20.01	21.00
		75	0	19.97	20.34	19.98	21.00
	16QAM	1	0	19.76	20.30	20.48	21.00
		1	38	20.21	20.44	20.17	21.00
		1	74	20.65	20.29	20.17	21.00

		36	0	19.98	20.10	20.12	21.00
		36	18	20.18	20.33	20.00	21.00
		36	39	20.22	20.18	20.17	21.00
		75	0	20.00	20.28	19.99	21.00
	64QAM	1	0	20.56	20.26	20.09	21.00
		1	38	20.32	20.40	20.16	21.00
		1	74	20.38	20.22	20.12	21.00
		36	0	20.31	20.15	20.04	21.00
		36	18	20.43	20.16	20.15	21.00
		36	39	20.44	20.10	20.24	21.00
		75	0	20.34	20.21	20.09	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	19.65	19.97	19.8	21.00
		1	50	19.89	20.1	20.01	21.00
		1	99	19.97	20.21	19.88	21.00
		50	0	19.94	20.15	19.99	21.00
		50	25	20.03	20.14	19.99	21.00
		50	50	20.06	20.21	19.99	21.00
		100	0	19.99	20.25	20	21.00
	16QAM	1	0	19.76	20.2	20.54	21.00
		1	50	20.14	20.53	20.25	21.00
		1	99	20.63	20.21	20.25	21.00
		50	0	20.01	20.14	20.02	21.00
		50	25	20.19	20.3	20.07	21.00
		50	50	20.25	20.25	20.13	21.00
		100	0	20	20.28	19.95	21.00
	64QAM	1	0	20.54	20.30	20.11	21.00
		1	50	20.36	20.35	20.26	21.00
		1	99	20.42	20.12	20.19	21.00
		50	0	20.28	20.18	20.08	21.00
		50	25	20.36	20.13	20.16	21.00
		50	50	20.37	20.07	20.14	21.00
		100	0	20.35	20.14	20.05	21.00

LTE Band 66 DSI 2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.95	23.01	23.11	24.20
		1	2	23.02	23.13	23.10	24.20
		1	5	22.89	23.11	23.05	24.20
		3	0	22.97	22.89	23.16	24.20
		3	1	23.10	23.15	23.07	24.20
		3	3	23.04	23.20	22.93	24.20
		6	0	21.97	22.09	21.97	23.20
	16QAM	1	0	22.38	22.42	22.43	23.20
		1	2	22.44	22.50	22.37	23.20
		1	5	22.16	22.31	22.05	23.20
		3	0	22.03	22.11	22.12	23.20
		3	1	22.33	22.48	22.54	23.20
		3	3	21.20	21.24	21.28	23.20
		6	0	21.14	21.18	21.19	22.20
	64QAM	1	0	21.14	21.29	21.25	22.20
		1	2	21.24	21.45	21.34	22.20
		1	5	21.60	21.48	21.39	22.20
		3	0	21.02	21.22	21.18	22.20
		3	1	21.06	21.28	21.27	22.20
		3	3	21.20	21.24	21.34	22.20
		6	0	20.23	20.23	20.20	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	22.93	23.07	23.16	24.20
		1	7	23.08	23.20	23.15	24.20
		1	14	23.06	23.05	23.11	24.20

		8	0	22.06	22.05	22.01	23.20
		8	4	22.19	22.16	22.36	23.20
		8	7	22.15	22.33	22.09	23.20
		15	0	22.09	22.12	21.98	23.20
	16QAM	1	0	22.45	22.42	22.56	23.20
		1	7	22.40	22.42	22.47	23.20
		1	14	22.53	22.56	22.62	23.20
		8	0	21.04	21.24	21.05	22.20
		8	4	21.03	21.33	21.16	22.20
		8	7	21.17	21.21	21.25	22.20
		15	0	21.14	21.23	21.13	22.20
	64QAM	1	0	21.10	21.24	21.38	22.20
		1	7	21.26	21.55	21.42	22.20
		1	14	21.56	21.44	21.41	22.20
		8	0	19.89	20.06	20.22	21.20
		8	4	20.28	20.35	20.23	21.20
		8	7	20.31	20.39	20.32	21.20
		15	0	20.28	20.19	20.27	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	22.90	22.96	23.14	24.20
		1	13	23.13	23.19	23.16	24.20
		1	24	22.91	23.14	23.04	24.20
		12	0	22.00	21.99	22.03	23.20
		12	6	22.13	22.19	22.21	23.20
		12	13	22.22	22.32	22.25	23.20
		25	0	22.06	22.17	22.07	23.20
	16QAM	1	0	22.35	22.39	22.56	23.20
		1	13	22.40	22.34	22.54	23.20
		1	24	22.56	22.50	22.62	23.20
		12	0	21.07	21.18	21.16	22.20
		12	6	21.10	21.25	21.31	22.20
		12	13	21.15	21.27	21.37	22.20
		25	0	21.06	21.29	21.12	22.20
	64QAM	1	0	21.12	21.34	21.18	22.20
		1	13	21.33	21.49	21.34	22.20
		1	24	21.57	21.43	21.38	22.20
		12	0	20.01	20.13	20.16	21.20
		12	6	20.23	20.31	20.29	21.20
		12	13	20.17	20.37	20.26	21.20
		25	0	20.23	20.34	20.25	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	22.86	22.89	23.20	24.20
		1	25	23.09	23.08	23.16	24.20
		1	49	22.94	23.24	22.97	24.20
		25	0	21.99	22.00	22.07	23.20
		25	13	22.23	22.22	22.21	23.20
		25	25	22.15	22.32	22.20	23.20
		50	0	22.13	22.08	22.05	23.20
	16QAM	1	0	22.35	22.48	22.50	23.20
		1	25	22.49	22.50	22.37	23.20
		1	49	22.51	22.39	22.61	23.20
		25	0	21.19	21.16	21.19	22.20
		25	13	21.04	21.30	21.30	22.20
		25	25	21.14	21.22	21.36	22.20
		50	0	21.04	21.14	21.28	22.20
	64QAM	1	0	21.03	21.29	21.34	22.20
		1	25	21.25	21.53	21.34	22.20
		1	49	21.41	21.46	21.44	22.20
		25	0	20.00	20.09	20.19	21.20
		25	13	20.32	20.39	20.26	21.20
		25	25	20.14	20.22	20.31	21.20
		50	0	20.20	20.18	20.25	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	

15MHz	QPSK	1	0	22.91	22.95	23.15	24.20
		1	38	23.03	23.00	23.07	24.20
		1	74	22.92	23.17	23.09	24.20
		36	0	22.10	22.08	22.06	23.20
		36	18	22.29	22.18	22.36	23.20
		36	39	22.17	22.32	22.21	23.20
	16QAM	75	0	21.97	22.12	21.96	23.20
		1	0	22.52	22.53	22.47	23.20
		1	38	22.36	22.41	22.51	23.20
		1	74	22.47	22.45	22.59	23.20
		36	0	21.17	21.26	21.18	22.20
		36	18	21.22	21.20	21.17	22.20
	64QAM	36	39	21.05	21.14	21.29	22.20
		75	0	21.11	21.27	21.13	22.20
		1	0	21.18	21.38	21.29	22.20
		1	38	21.32	21.53	21.43	22.20
		1	74	21.43	21.53	21.35	22.20
		36	0	20.04	20.10	20.14	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.96	22.99	23.20	24.20
		1	50	23.11	23.10	23.07	24.20
		1	99	22.97	23.14	23.01	24.20
		50	0	22.03	22.06	22.04	23.20
		50	25	22.19	22.21	22.26	23.20
		50	50	22.20	22.23	22.15	23.20
	16QAM	100	0	22.04	22.18	22.05	23.20
		1	0	22.43	22.44	22.51	23.20
		1	50	22.40	22.44	22.46	23.20
		1	99	22.46	22.49	22.57	23.20
		50	0	21.11	21.19	21.11	22.20
		50	25	21.13	21.26	21.21	22.20
	64QAM	50	50	21.15	21.22	21.32	22.20
		100	0	21.12	21.24	21.20	22.20
		1	0	21.09	21.33	21.28	22.20
		1	50	21.32	21.48	21.34	22.20
		1	99	21.51	21.43	21.44	22.20
		50	0	19.99	20.15	20.15	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
				132072	132322	132572	
				132072	132322	132572	
				132072	132322	132572	
				132072	132322	132572	
				132072	132322	132572	
				132072	132322	132572	
				132072	132322	132572	
				132072	132322	132572	
				132072	132322	132572	
				132072	132322	132572	
				132072	132322	132572	
				132072	132322	132572	
				132072	132322	132572	
				132072	132322	132572	
				132072	132322	132572	
				132072	132322	132572	
				132072	132322	132572	

LTE Band 66 DSI 4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.44	21.27	21.58	22.70
		1	2	21.57	21.53	21.46	22.70
		1	5	21.56	21.57	21.75	22.70
		3	0	21.50	21.49	21.62	22.70
		3	1	21.57	21.75	21.65	22.70
		3	3	21.68	21.69	21.76	22.70
		6	0	21.55	21.67	21.53	22.70
	16QAM	1	0	21.82	21.88	21.98	22.70
		1	2	22.03	21.89	22.03	22.70
		1	5	21.97	22.00	21.91	22.70
		3	0	21.06	21.12	20.99	22.70
		3	1	21.14	21.24	21.20	22.70
		3	3	21.19	21.15	21.07	22.70
	64QAM	6	0	21.18	21.16	21.03	22.20
		1	0	21.07	21.11	21.19	22.20
		1	2	21.31	21.22	21.44	22.20

		1	5	21.46	21.48	21.32	22.20			
		3	0	21.13	21.36	21.22	22.20			
		3	1	21.16	21.14	21.16	22.20			
		3	3	21.11	21.29	21.01	22.20			
		6	0	20.10	20.28	20.22	21.20			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				131987	132322	132657				
3MHz	QPSK	1	0	21.36	21.28	21.54	22.70			
		1	7	21.45	21.54	21.50	22.70			
		1	14	21.62	21.57	21.60	22.70			
		8	0	21.46	21.58	21.56	22.70			
		8	4	21.58	21.70	21.79	22.70			
		8	7	21.55	21.73	21.79	22.70			
	16QAM	15	0	21.67	21.57	21.59	22.70			
		1	0	21.71	21.92	21.88	22.70			
		1	7	22.11	21.86	21.97	22.70			
		1	14	22.15	22.03	21.93	22.70			
		8	0	21.22	21.07	21.03	22.20			
		8	4	21.21	21.34	21.10	22.20			
	64QAM	8	7	21.07	21.23	21.18	22.20			
		15	0	21.24	21.25	21.09	22.20			
		1	0	21.09	21.19	21.22	22.20			
		1	7	21.34	21.34	21.43	22.20			
		1	14	21.46	21.36	21.52	22.20			
		8	0	20.03	20.18	20.05	21.20			
5MHz	QPSK	8	4	20.26	20.23	20.16	21.20			
		8	7	20.19	20.24	20.22	21.20			
		15	0	20.19	20.15	20.13	21.20			
		1	0	21.30	21.42	21.43	22.70			
		1	13	21.53	21.48	21.49	22.70			
		1	24	21.74	21.57	21.77	22.70			
	16QAM	12	0	21.51	21.41	21.60	22.70			
		12	6	21.62	21.79	21.72	22.70			
		12	13	21.69	21.63	21.69	22.70			
		25	0	21.58	21.57	21.59	22.70			
1		0	21.74	21.91	21.84	22.70				
1		13	22.09	21.91	22.00	22.70				
64QAM	1	24	22.05	22.03	22.02	22.70				
	12	0	21.11	21.13	21.08	22.20				
	12	6	21.18	21.34	21.08	22.20				
	12	13	21.01	21.14	21.18	22.20				
	25	0	21.14	21.26	21.13	22.20				
	1	0	21.09	21.11	21.21	22.20				
10MHz	QPSK	1	13	21.29	21.36	21.29	22.20			
		1	24	21.41	21.38	21.52	22.20			
		12	0	20.06	20.22	20.18	21.20			
		12	6	20.32	20.27	20.25	21.20			
		12	13	20.12	20.27	20.16	21.20			
		25	0	20.05	20.28	20.15	21.20			
	16QAM	1	0	21.30	21.24	21.44	22.70			
		1	25	21.53	21.55	21.39	22.70			
		1	49	21.62	21.65	21.59	22.70			
		25	0	21.65	21.51	21.65	22.70			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				132022	132322	132622				
				25	13	21.59		21.75	21.61	22.70
				25	25	21.54		21.72	21.66	22.70
				50	0	21.52		21.73	21.60	22.70
10MHz	16QAM	1	0	21.70	21.82	21.99	22.70			
		1	25	21.95	21.83	21.87	22.70			
		1	49	22.11	22.01	21.94	22.70			
		25	0	21.20	21.11	21.16	22.20			
		25	13	21.16	21.35	21.12	22.20			
10MHz	16QAM	25	25	21.14	21.15	21.26	22.20			

		50	0	21.19	21.11	21.11	22.20
	64QAM	1	0	21.12	21.08	21.18	22.20
		1	25	21.30	21.23	21.44	22.20
		1	49	21.46	21.43	21.47	22.20
		25	0	20.19	20.07	20.14	21.20
		25	13	20.30	20.27	20.19	21.20
		25	25	20.27	20.22	20.17	21.20
		50	0	20.15	20.19	20.13	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.36	21.24	21.51	22.70
		1	38	21.42	21.51	21.40	22.70
		1	74	21.68	21.53	21.72	22.70
		36	0	21.63	21.50	21.54	22.70
		36	18	21.64	21.67	21.65	22.70
		36	39	21.65	21.77	21.66	22.70
		75	0	21.68	21.74	21.49	22.70
	16QAM	1	0	21.73	21.92	21.83	22.70
		1	38	22.07	21.81	22.00	22.70
		1	74	21.99	22.07	21.88	22.70
		36	0	21.21	21.10	21.16	22.20
		36	18	21.16	21.35	21.12	22.20
		36	39	21.11	21.21	21.23	22.20
		75	0	21.23	21.27	21.10	22.20
	64QAM	1	0	21.23	21.21	21.15	22.20
		1	38	21.26	21.22	21.38	22.20
		1	74	21.33	21.51	21.38	22.20
		36	0	20.04	20.23	20.20	21.20
		36	18	20.29	20.32	20.10	21.20
		36	39	20.15	20.34	20.34	21.20
		75	0	20.20	20.24	20.22	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.40	21.34	21.51	22.70
		1	50	21.50	21.56	21.42	22.70
		1	99	21.66	21.63	21.67	22.70
		50	0	21.56	21.51	21.58	22.70
		50	25	21.65	21.70	21.70	22.70
		50	50	21.63	21.71	21.73	22.70
		100	0	21.59	21.67	21.59	22.70
	16QAM	1	0	21.75	21.88	21.91	22.70
		1	50	22.01	21.87	21.95	22.70
		1	99	22.05	22.04	21.95	22.70
		50	0	21.12	21.08	21.08	22.20
		50	25	21.19	21.26	21.18	22.20
		50	50	21.09	21.22	21.17	22.20
		100	0	21.19	21.21	21.11	22.20
	64QAM	1	0	21.14	21.11	21.25	22.20
		1	50	21.27	21.28	21.35	22.20
		1	99	21.41	21.42	21.42	22.20
		50	0	20.10	20.15	20.13	21.20
		50	25	20.26	20.29	20.20	21.20
		50	50	20.20	20.25	20.24	21.20
		100	0	20.12	20.22	20.15	21.20

LTE Band 66 DSI 8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.01	19.98	19.75	21.20
		1	2	20.01	20.14	20.04	21.20
		1	5	20.03	20.00	19.99	21.20
		3	0	19.89	19.82	19.86	21.20
		3	1	20.00	20.01	20.04	21.20
		3	3	20.04	20.00	19.98	21.20
		6	0	20.09	20.12	19.86	21.20
	16QAM	1	0	20.30	20.31	20.47	21.20
		1	2	20.29	20.39	20.39	21.20
		1	5	20.32	20.50	20.47	21.20
		3	0	20.20	20.00	20.06	21.20
		3	1	20.25	20.22	20.21	21.20
		3	3	20.18	20.35	20.20	21.20
		6	0	20.21	20.15	20.07	21.20
	64QAM	1	0	20.10	20.21	20.18	21.20
		1	2	20.39	20.24	20.31	21.20
		1	5	20.29	20.28	20.35	21.20
		3	0	20.03	20.13	20.10	21.20
		3	1	20.31	20.12	20.14	21.20
		3	3	20.13	20.17	20.16	21.20
		6	0	20.14	20.23	20.01	21.20
3MHz	QPSK	1	0	20.01	19.93	19.89	21.20
		1	7	19.94	20.03	20.01	21.20
		1	14	20.04	19.92	19.90	21.20
		8	0	19.87	19.87	19.85	21.20
		8	4	19.95	20.07	20.13	21.20
		8	7	20.08	20.00	20.10	21.20
		15	0	20.10	20.12	19.84	21.20
	16QAM	1	0	20.31	20.32	20.54	21.20
		1	7	20.31	20.29	20.31	21.20
		1	14	20.47	20.50	20.47	21.20
		8	0	20.17	20.03	20.09	21.20
		8	4	20.11	20.11	20.13	21.20
		8	7	20.06	20.35	20.11	21.20
		15	0	20.11	20.16	20.08	21.20
	64QAM	1	0	20.07	20.29	20.24	21.20
		1	7	20.33	20.32	20.18	21.20
		1	14	20.45	20.31	20.44	21.20
		8	0	20.06	20.17	20.03	21.20
		8	4	20.24	20.21	20.18	21.20
		8	7	20.06	20.15	20.20	21.20
		15	0	20.21	20.23	20.15	21.20
5MHz	QPSK	1	0	19.84	20.02	19.93	21.20
		1	13	20.06	20.13	19.88	21.20
		1	24	20.06	20.08	20.06	21.20
		12	0	19.90	19.82	19.82	21.20
		12	6	20.11	20.02	20.07	21.20
		12	13	20.07	20.10	20.10	21.20
		25	0	19.90	20.00	19.94	21.20
	16QAM	1	0	20.35	20.21	20.54	21.20
		1	13	20.41	20.28	20.38	21.20
		1	24	20.35	20.48	20.38	21.20
		12	0	20.13	20.04	20.09	21.20
		12	6	20.29	20.25	20.13	21.20
		12	13	20.09	20.35	20.11	21.20
		25	0	20.16	20.12	20.15	21.20

		1	0	20.21	20.27	20.11	21.20
		1	13	20.23	20.34	20.30	21.20
		1	24	20.31	20.27	20.42	21.20
		12	0	20.09	20.09	20.10	21.20
		12	6	20.30	20.12	20.17	21.20
		12	13	20.16	20.21	20.22	21.20
		25	0	20.04	20.21	20.08	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.96	19.87	19.84	21.20
		1	25	20.01	19.98	19.86	21.20
		1	49	19.97	20.06	19.90	21.20
		25	0	19.82	19.92	19.89	21.20
		25	13	19.92	20.00	20.15	21.20
		25	25	20.00	20.09	20.04	21.20
		50	0	20.09	20.04	19.81	21.20
	16QAM	1	0	20.37	20.24	20.46	21.20
		1	25	20.27	20.44	20.39	21.20
		1	49	20.32	20.56	20.49	21.20
		25	0	20.02	20.04	20.12	21.20
		25	13	20.30	20.23	20.19	21.20
		25	25	20.04	20.23	20.21	21.20
		50	0	20.10	20.21	20.16	21.20
	64QAM	1	0	20.18	20.30	20.23	21.20
		1	25	20.31	20.28	20.28	21.20
		1	49	20.27	20.41	20.33	21.20
		25	0	20.06	20.18	20.17	21.20
		25	13	20.23	20.27	20.12	21.20
		25	25	20.24	20.12	20.24	21.20
		50	0	20.08	20.16	20.17	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.90	19.89	19.95	21.20
		1	38	19.94	20.06	20.04	21.20
		1	74	20.04	19.97	19.90	21.20
		36	0	19.84	19.94	19.91	21.20
		36	18	19.92	19.96	20.03	21.20
		36	39	20.09	20.15	19.94	21.20
		75	0	19.93	20.13	19.83	21.20
	16QAM	1	0	20.27	20.33	20.56	21.20
		1	38	20.42	20.47	20.29	21.20
		1	74	20.40	20.61	20.40	21.20
		36	0	20.03	20.01	20.12	21.20
		36	18	20.28	20.11	20.24	21.20
		36	39	20.21	20.27	20.13	21.20
		75	0	20.02	20.23	20.06	21.20
	64QAM	1	0	20.07	20.25	20.05	21.20
		1	38	20.22	20.22	20.29	21.20
		1	74	20.33	20.35	20.39	21.20
		36	0	19.94	20.02	20.09	21.20
		36	18	20.25	20.16	20.14	21.20
		36	39	20.16	20.14	20.16	21.20
		75	0	20.03	20.05	20.12	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	19.91	19.93	19.85	21.20
		1	50	19.99	20.04	19.95	21.20
		1	99	20.06	20.00	19.97	21.20
		50	0	19.87	19.92	19.81	21.20
		50	25	20.02	20.05	20.06	21.20
		50	50	20.10	20.05	20.04	21.20
		100	0	20.00	20.03	19.90	21.20
	16QAM	1	0	20.29	20.30	20.48	21.20
		1	50	20.36	20.38	20.36	21.20
		1	99	20.38	20.54	20.48	21.20
		50	0	20.11	20.08	20.04	21.20

		50	25	20.21	20.20	20.15	21.20
		50	50	20.12	20.26	20.16	21.20
		100	0	20.12	20.17	20.10	21.20
	64QAM	1	0	20.15	20.27	20.14	21.20
		1	50	20.29	20.31	20.28	21.20
		1	99	20.35	20.37	20.35	21.20
		50	0	20.02	20.10	20.10	21.20
		50	25	20.25	20.19	20.16	21.20
		50	50	20.14	20.18	20.20	21.20
		100	0	20.11	20.15	20.11	21.20

LTE Band 38 DSI 2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.93	23.63	23.23	24.80
		1	13	23.72	23.45	22.98	24.80
		1	24	23.57	23.23	22.95	24.80
		12	0	22.72	22.60	22.21	23.80
		12	6	22.91	22.56	22.03	23.80
		12	13	22.84	22.33	21.86	23.80
		25	0	22.89	22.47	22.07	23.80
	16QAM	1	0	23.08	22.83	22.38	23.80
		1	13	23.00	22.62	22.14	23.80
		1	24	22.83	22.33	22.00	23.80
		12	0	21.95	21.52	21.13	22.80
		12	6	21.81	21.36	21.12	22.80
		12	13	21.75	21.38	21.01	22.80
		25	0	21.81	21.36	21.19	22.80
	64QAM	1	0	21.87	21.93	21.95	22.80
		1	13	21.79	21.77	21.72	22.80
		1	24	21.65	21.61	21.64	22.80
		12	0	20.94	20.93	20.88	21.80
		12	6	20.75	20.75	20.76	21.80
		12	13	20.80	20.78	20.83	21.80
		25	0	20.78	20.71	20.74	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.93	23.50	23.14	24.80
		1	25	23.83	23.54	22.85	24.80
		1	49	23.68	23.20	22.88	24.80
		25	0	22.73	22.58	22.07	23.80
		25	13	22.74	22.62	22.02	23.80
		25	25	22.65	22.43	21.84	23.80
		50	0	22.76	22.39	21.97	23.80
	16QAM	1	0	23.12	22.83	22.44	23.80
		1	25	22.95	22.56	22.13	23.80
		1	49	22.71	22.38	22.02	23.80
		25	0	21.91	21.55	21.30	22.80
		25	13	21.87	21.49	21.16	22.80
		25	25	21.59	21.29	21.01	22.80
		50	0	21.69	21.53	21.02	22.80
	64QAM	1	0	21.89	21.89	21.93	22.80
		1	25	21.78	21.75	21.69	22.80
		1	49	21.63	21.66	21.63	22.80
		25	0	20.96	20.93	20.94	21.80
		25	13	20.74	20.76	20.80	21.80
		25	25	20.75	20.71	20.80	21.80
		50	0	20.75	20.75	20.74	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.86	23.61	23.20	24.80
		1	38	23.73	23.38	22.97	24.80
		1	74	23.66	23.21	22.87	24.80
		36	0	22.72	22.60	22.26	23.80

		36	18	22.81	22.46	22.07	23.80
		36	39	22.76	22.47	21.89	23.80
		75	0	22.74	22.40	22.14	23.80
	16QAM	1	0	23.14	22.85	22.35	23.80
		1	38	23.03	22.53	22.13	23.80
		1	74	22.82	22.41	22.03	23.80
		36	0	21.88	21.61	21.14	22.80
		36	18	21.70	21.31	21.24	22.80
		36	39	21.63	21.44	20.94	22.80
		75	0	21.67	21.47	21.14	22.80
	64QAM	1	0	21.82	21.88	21.94	22.80
		1	38	21.77	21.77	21.71	22.80
		1	74	21.67	21.62	21.64	22.80
		36	0	20.91	20.92	20.86	21.80
		36	18	20.73	20.74	20.77	21.80
		36	39	20.79	20.71	20.84	21.80
		75	0	20.75	20.74	20.71	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.88	23.57	23.15	24.80
		1	50	23.75	23.44	22.89	24.80
		1	99	23.67	23.17	22.81	24.80
		50	0	22.8	22.57	22.17	23.80
		50	25	22.84	22.54	22.1	23.80
		50	50	22.74	22.37	21.81	23.80
		100	0	22.81	22.46	22.05	23.80
	16QAM	1	0	23.13	22.77	22.35	23.80
		1	50	22.93	22.61	22.15	23.80
		1	99	22.75	22.33	22.06	23.80
		50	0	21.86	21.61	21.21	22.80
		50	25	21.77	21.39	21.15	22.80
		50	50	21.67	21.36	20.97	22.80
		100	0	21.75	21.43	21.1	22.80
	64QAM	1	0	21.91	21.96	21.97	22.80
		1	50	21.80	21.78	21.76	22.80
		1	99	21.71	21.69	21.69	22.80
		50	0	21.00	20.98	20.95	21.80
		50	25	20.82	20.81	20.82	21.80
		50	50	20.81	20.79	20.85	21.80
		100	0	20.80	20.76	20.77	21.80

LTE Band 38 DSI 4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.90	22.54	22.22	23.80
		1	13	22.94	22.67	22.08	23.80
		1	24	22.72	22.23	22.21	23.80
		12	0	22.76	22.50	22.17	23.80
		12	6	22.79	22.50	22.06	23.80
		12	13	22.72	22.41	21.83	23.80
		25	0	22.87	22.52	22.00	23.80
	16QAM	1	0	23.03	22.54	22.24	23.80
		1	13	22.77	22.61	21.89	23.80
		1	24	22.68	22.27	21.82	23.80
		12	0	21.88	21.63	21.14	22.80
		12	6	21.78	21.40	21.10	22.80
		12	13	21.80	21.37	20.84	22.80
		25	0	21.73	21.59	21.02	22.80
	64QAM	1	0	21.74	21.76	21.76	22.80
		1	13	21.72	21.70	21.69	22.80
		1	24	21.73	21.77	21.74	22.80
		12	0	20.82	20.80	20.82	21.80
		12	6	20.74	20.76	20.79	21.80
		12	13	20.81	20.81	20.80	21.80
		25	0	20.72	20.74	20.75	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	22.99	22.55	22.27	23.80
		1	25	22.96	22.63	22.10	23.80
		1	49	22.82	22.18	22.21	23.80
		25	0	22.71	22.68	22.24	23.80
		25	13	22.89	22.47	21.98	23.80
		25	25	22.63	22.28	21.83	23.80
		50	0	22.78	22.47	22.07	23.80
	16QAM	1	0	22.95	22.62	22.36	23.80
		1	25	22.84	22.63	21.87	23.80
		1	49	22.70	22.36	21.96	23.80
		25	0	21.92	21.70	21.26	22.80
		25	13	21.84	21.39	21.00	22.80
		25	25	21.63	21.31	20.84	22.80
		50	0	21.72	21.47	21.09	22.80
	64QAM	1	0	21.76	21.78	21.80	22.80
		1	25	21.76	21.69	21.68	22.80
		1	49	21.71	21.73	21.76	22.80
		25	0	20.81	20.77	20.78	21.80
		25	13	20.79	20.80	20.79	21.80
		25	25	20.83	20.82	20.87	21.80
		50	0	20.69	20.71	20.70	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	22.88	22.53	22.32	23.80
		1	38	22.97	22.56	21.99	23.80
		1	74	22.80	22.17	22.07	23.80
		36	0	22.72	22.62	22.22	23.80
		36	18	22.72	22.54	22.10	23.80
		36	39	22.69	22.40	21.94	23.80
		75	0	22.79	22.59	22.02	23.80
	16QAM	1	0	22.91	22.70	22.19	23.80
		1	38	22.73	22.63	21.95	23.80
		1	74	22.78	22.36	21.98	23.80
		36	0	21.74	21.63	21.18	22.80
		36	18	21.79	21.33	21.03	22.80
		36	39	21.67	21.27	20.92	22.80
		75	0	21.79	21.55	21.20	22.80