

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
	16QAM	6	0	21.91	21.97	21.71	23.00
		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
	64QAM	3	3	22.46	22.11	21.97	23.00
		6	0	20.81	20.87	20.66	22.00
		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
3MHz	QPSK	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
		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
	16QAM	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
		1	0	22.41	22.19	21.99	23.00
		1	7	22.14	22.07	21.92	23.00
	64QAM	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
		1	0	20.96	20.90	20.95	22.00
5MHz	QPSK	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
	16QAM	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
		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	
	16QAM	50	0	21.80	21.97	21.75	23.00	
		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	
	64QAM	25	25	20.85	20.89	20.97	22.00	
		50	0	20.97	20.89	20.72	22.00	
		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	
	15MHz	QPSK	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
			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
16QAM		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	
		1	0	22.57	22.10	21.89	23.00	
		1	38	22.05	21.99	22.09	23.00	
64QAM		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	
		1	0	20.93	20.89	20.91	22.00	
20MHz		QPSK	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
	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	
		18700	18900	19100				
		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		

		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	
	16QAM	6	0	20.39	20.30	20.37	21.50	
		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	
	64QAM	3	3	20.28	20.50	20.30	21.50	
		6	0	20.35	20.17	20.29	21.50	
		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	
	3MHz	QPSK	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
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	
16QAM		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	
		1	0	20.50	20.77	20.28	21.50	
		1	7	20.73	20.50	20.33	21.50	
64QAM		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		
	1	0	20.45	20.39	20.43	21.50		
5MHz	QPSK	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	
		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	

	16QAM	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
		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
	64QAM	12	13	20.33	20.37	20.29	21.50
		25	0	20.35	20.18	20.27	21.50
		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
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				18650	18900	19150	
<b>10MHz</b>	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
	16QAM	50	0	20.36	20.23	20.40	21.50
		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
	64QAM	25	25	20.26	20.37	20.32	21.50
		50	0	20.34	20.17	20.17	21.50
		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
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				18675	18900	19125	
<b>15MHz</b>	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
	64QAM	75	0	20.41	20.29	20.14	21.50
		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
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				18700	18900	19100	
<b>20MHz</b>	<b>QPSK</b>	<b>1</b>	<b>0</b>	<b>20.25</b>	<b>20.19</b>	<b>20.23</b>	<b>21.50</b>

		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
		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
	16QAM	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
		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
64QAM	1	14	19.79	19.69	19.77	20.50	
	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
10MHz	QPSK	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
		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
	16QAM	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
		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
	64QAM	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
		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
15MHz	QPSK	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
	16QAM	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
		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		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	64QAM	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	
	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	
	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		



	16QAM	1	0	22.38	22.55	22.57	23.20
		1	7	22.49	22.44	22.42	23.20
		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	
	64QAM	1	0	21.45	21.37	21.40	22.20
		1	7	21.54	21.54	21.52	22.20
		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	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				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		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				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		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				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

	16QAM	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	
		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	
		<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 20050	<b>Channel</b> 20175	<b>Channel</b> 20300
<b>20MHz</b>		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	
<b>1.4MHz</b>	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

Bandwidth	Modulation	6	0	20.05	20.06	20.02	21.20	
		RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up	
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	
	16QAM	15	0	21.05	21.02	21.01	22.20	
		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	
	64QAM	8	7	21.18	21.22	21.17	22.20	
		15	0	21.18	21.25	20.97	22.20	
		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	
	5MHz	QPSK	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
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	
16QAM		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	
		1	0	21.22	21.45	21.60	22.20	
		1	13	21.67	21.48	21.22	22.20	
64QAM		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	
		1	0	21.28	21.26	21.27	22.20	
10MHz		QPSK	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	
	16QAM	Channel 20000	Channel 20175	Channel 20350	Tune up			
		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	
	64QAM	25	25	20.98	21.09	21.17	22.20	
		50	0	21.06	21.06	21.02	22.20	
		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	
	10MHz	16QAM	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
	16QAM	75	0	21.09	21.00	21.14	22.20
		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
	64QAM	36	39	21.16	21.26	21.24	22.20
		75	0	21.21	21.11	21.05	22.20
		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
20MHz	QPSK	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
		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
	16QAM	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
		1	0	21.28	21.36	21.62	22.20
		1	50	21.66	21.48	21.27	22.20
	64QAM	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
		1	0	21.30	21.31	21.24	22.20
64QAM	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	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	

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
	16QAM	6	0	20.12	20.03	20.18	21.20
		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
	64QAM	3	3	20.04	20.13	20.07	21.20
		6	0	20.09	20.12	20.05	21.20
		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
3MHz	QPSK	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
		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
	16QAM	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
		1	0	20.56	20.65	20.35	21.20
		1	7	20.72	20.50	20.15	21.20
	64QAM	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
		1	0	20.08	20.15	20.11	21.20
5MHz	QPSK	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
	16QAM	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
		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		
	16QAM	50	0	20.14	20.12	20.01	21.20		
		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		
	64QAM	25	25	20.17	20.09	20.01	21.20		
		50	0	20.09	20.02	20.03	21.20		
		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		
	15MHz	QPSK	25	13	20.03	19.99	19.96	21.20	
			25	25	20.32	20.24	20.27	21.20	
			25	0	20.07	19.93	19.94	21.20	
			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	
16QAM		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		
		1	0	20.62	20.51	20.23	21.20		
		1	38	20.65	20.53	20.07	21.20		
64QAM		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		
		1	0	20.26	20.12	20.25	21.20		
20MHz		QPSK	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	
	16QAM	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		
	10MHz	QPSK	100	0	20.05	20.06	20.09	21.20	
			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	
			1	0	19.88	19.88	20.06	21.20	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20050	20175	20300	

		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
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	
16QAM		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	
		1	0	21.93	22.18	22.59	23.00	
		1	25	22.42	22.70	22.56	23.00	
64QAM		1	49	22.23	22.77	22.31	23.00	
		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	
		50	0	21.20	21.32	21.33	22.00	
		1	0	20.83	20.79	20.85	22.00	
15MHz		QPSK	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	
	25		25	19.90	19.93	19.95	21.00	
	50		0	19.94	19.94	19.88	21.00	
15MHz	QPSK	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	Channel	Channel	Tune up	
				20775	21100	21425		
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	
	16QAM	25	0	20.08	20.24	19.92	21.00	
		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	
	64QAM	12	13	20.22	20.21	20.20	21.00	
		25	0	20.07	20.28	19.90	21.00	
		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	
	10MHz	QPSK	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
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	
16QAM		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	
		1	0	19.71	20.15	20.45	21.00	
		1	25	20.20	20.60	20.22	21.00	
64QAM		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		
	1	0	20.50	20.39	20.19	21.00		
15MHz	QPSK	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	
	16QAM	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	
15MHz	QPSK	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	
		1	0	19.76	20.30	20.48	21.00	
		1	38	20.21	20.44	20.17	21.00	
10MHz	QPSK	1	74	20.65	20.29	20.17	21.00	
		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	
	16QAM	36	39	20.03	20.15	20.01	21.00	
		75	0	19.97	20.34	19.98	21.00	
		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	
		1	0	19.57	20.06	19.76	21.00	

	64QAM	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
		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
	16QAM	100	0	19.99	20.25	20	21.00
		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
	64QAM	50	50	20.25	20.25	20.13	21.00
		100	0	20	20.28	19.95	21.00
		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	
	16QAM	6	0	21.97	22.09	21.97	23.20	
		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	
	64QAM	3	3	21.20	21.24	21.28	23.20	
		6	0	21.14	21.18	21.19	22.20	
		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		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				131997	132322	132647		
<b>5MHz</b>	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	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					132022	132322	132622	
	<b>10MHz</b>	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	
<b>Bandwidth</b>		<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					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
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		
		50		25	20.24	20.35	20.23	21.20	
		50		50	20.24	20.31	20.25	21.20	
		100		0	20.20	20.28	20.20	21.20	

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
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				131987	132322	132657	
<b>3MHz</b>	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
	15	0	21.67	21.57	21.59	22.70	
	16QAM	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
		8	7	21.07	21.23	21.18	22.20
	15	0	21.24	21.25	21.09	22.20	
	64QAM	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
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		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				131997	132322	132647	
<b>5MHz</b>	QPSK	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
		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	
	16QAM	1	0	21.74	21.91	21.84	22.70
		1	13	22.09	21.91	22.00	22.70
		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	
	64QAM	1	0	21.09	21.11	21.21	22.20
		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		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				132022	132322	132622	
<b>10MHz</b>	QPSK	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
		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	
	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
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
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				132047	132322	132597	
<b>15MHz</b>	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
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				132072	132322	132572	
<b>20MHz</b>	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	
	16QAM	6	0	20.09	20.12	19.86	21.20	
		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	
	64QAM	3	3	20.18	20.35	20.20	21.20	
		6	0	20.21	20.15	20.07	21.20	
		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	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131987	132322	132657	
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	
	16QAM	15	0	20.10	20.12	19.84	21.20	
		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	
	64QAM	8	7	20.06	20.35	20.11	21.20	
		15	0	20.11	20.16	20.08	21.20	
		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	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131997	132322	132647	
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	
	16QAM	25	0	19.90	20.00	19.94	21.20	
		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
	16QAM	50	0	20.09	20.04	19.81	21.20
		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
	64QAM	25	25	20.04	20.23	20.21	21.20
		50	0	20.10	20.21	20.16	21.20
		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
	16QAM	75	0	19.93	20.13	19.83	21.20
		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
	64QAM	36	39	20.21	20.27	20.13	21.20
		75	0	20.02	20.23	20.06	21.20
		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
	16QAM	100	0	20.00	20.03	19.90	21.20
		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	
	16QAM	25	0	22.89	22.47	22.07	23.80	
		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	
	64QAM	12	13	21.75	21.38	21.01	22.80	
		25	0	21.81	21.36	21.19	22.80	
		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	
	10MHz	QPSK	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
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	
16QAM		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	
		1	0	23.12	22.83	22.44	23.80	
		1	25	22.95	22.56	22.13	23.80	
64QAM		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	
		1	0	21.89	21.89	21.93	22.80	
15MHz		QPSK	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	
	15MHz	QPSK	1	0	23.86	23.61	23.20	24.80
			1	38	23.73	23.38	22.97	24.80
	15MHz	QPSK	1	74	23.66	23.21	22.87	24.80
			36	0	22.72	22.60	22.26	23.80

	16QAM	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
		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
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