

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	64QAM	1	0	21.80	21.77	21.79	22.80	
		1	38	21.69	21.68	21.72	22.80	
		1	74	21.76	21.72	21.73	22.80	
		36	0	20.83	20.83	20.77	21.80	
		36	18	20.79	20.72	20.79	21.80	
		36	39	20.85	20.88	20.84	21.80	
		75	0	20.68	20.75	20.68	21.80	
	20MHz	QPSK	1	0	22.97	22.61	22.3	23.80
			1	50	22.89	22.62	22.04	23.80
			1	99	22.79	22.26	22.12	23.80
			50	0	22.7	22.59	22.21	23.80
			50	25	22.81	22.47	22.04	23.80
			50	50	22.72	22.32	21.84	23.80
			100	0	22.79	22.5	21.98	23.80
		16QAM	1	0	22.97	22.62	22.29	23.80
			1	50	22.81	22.62	21.97	23.80
			1	99	22.68	22.36	21.88	23.80
			50	0	21.82	21.62	21.23	22.80
			50	25	21.83	21.4	21.06	22.80
			50	50	21.73	21.37	20.88	22.80
			100	0	21.79	21.56	21.11	22.80
64QAM		1	0	21.82	21.82	21.82	22.80	
		1	50	21.77	21.77	21.77	22.80	
		1	99	21.78	21.78	21.78	22.80	
		50	0	20.84	20.84	20.84	21.80	
		50	25	20.81	20.81	20.81	21.80	
		50	50	20.89	20.89	20.89	21.80	
		100	0	20.77	20.77	20.77	21.80	

LTE Band 38 DSI 8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.37	21.10	20.60	22.30
		1	13	21.26	20.99	20.37	22.30
		1	24	21.06	20.72	20.48	22.30
		12	0	21.29	21.21	20.68	22.30
		12	6	21.48	21.07	20.57	22.30
		12	13	21.35	20.96	20.35	22.30
		25	0	21.42	21.02	20.56	22.30
	16QAM	1	0	21.58	21.36	20.91	22.30
		1	13	21.38	21.06	20.62	22.30
		1	24	21.29	20.81	20.35	22.30
		12	0	21.47	21.06	20.87	22.30
		12	6	21.36	21.18	20.77	22.30
		12	13	21.47	20.87	20.52	22.30
		25	0	21.35	21.02	20.55	22.30
	64QAM	1	0	21.41	21.32	21.39	22.30
		1	13	21.23	21.26	21.25	22.30
		1	24	21.30	21.27	21.30	22.30
		12	0	20.81	20.82	20.78	21.80
		12	6	20.80	20.74	20.82	21.80
		12	13	20.75	20.86	20.77	21.80
		25	0	20.74	20.76	20.73	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	21.39	21.19	20.52	22.30
		1	25	21.28	20.93	20.47	22.30
		1	49	21.14	20.86	20.40	22.30
		25	0	21.40	21.22	20.75	22.30
		25	13	21.32	21.05	20.61	22.30
		25	25	21.27	21.01	20.44	22.30
		50	0	21.36	20.98	20.60	22.30

	16QAM	1	0	21.43	21.32	20.92	22.30
		1	25	21.38	21.10	20.69	22.30
		1	49	21.34	20.91	20.42	22.30
		25	0	21.43	21.17	20.82	22.30
		25	13	21.28	21.17	20.69	22.30
		25	25	21.33	20.91	20.62	22.30
		50	0	21.32	20.96	20.71	22.30
	64QAM	1	0	21.38	21.32	21.31	22.30
		1	25	21.22	21.21	21.22	22.30
		1	49	21.23	21.31	21.31	22.30
		25	0	20.80	20.86	20.80	21.80
		25	13	20.83	20.73	20.81	21.80
		25	25	20.77	20.80	20.76	21.80
		50	0	20.79	20.74	20.75	21.80
<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>
				37825	38000	38175	
15MHz	QPSK	1	0	21.30	21.13	20.67	22.30
		1	38	21.39	20.97	20.43	22.30
		1	74	21.09	20.78	20.34	22.30
		36	0	21.20	21.17	20.76	22.30
		36	18	21.44	21.16	20.52	22.30
		36	39	21.22	20.99	20.39	22.30
		75	0	21.42	20.95	20.73	22.30
	16QAM	1	0	21.51	21.39	20.93	22.30
		1	38	21.20	21.16	20.78	22.30
		1	74	21.36	20.91	20.35	22.30
		36	0	21.44	21.21	20.75	22.30
		36	18	21.43	21.03	20.70	22.30
		36	39	21.46	20.84	20.62	22.30
		75	0	21.47	20.99	20.62	22.30
	64QAM	1	0	21.32	21.34	21.31	22.30
		1	38	21.15	21.27	21.23	22.30
		1	74	21.22	21.31	21.25	22.30
		36	0	20.86	20.81	20.76	21.80
		36	18	20.78	20.78	20.81	21.80
		36	39	20.77	20.86	20.75	21.80
		75	0	20.75	20.77	20.69	21.80
<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>
				37850	38000	38150	
20MHz	QPSK	1	0	21.34	21.09	20.62	22.30
		1	50	21.35	20.95	20.46	22.30
		1	99	21.16	20.81	20.42	22.30
		50	0	21.3	21.13	20.78	22.30
		50	25	21.41	21.08	20.62	22.30
		50	50	21.28	20.93	20.42	22.30
		100	0	21.35	21.01	20.64	22.30
	16QAM	1	0	21.48	21.36	20.9	22.30
		1	50	21.3	21.06	20.68	22.30
		1	99	21.32	20.91	20.43	22.30
		50	0	21.39	21.14	20.79	22.30
		50	25	21.38	21.11	20.72	22.30
		50	50	21.37	20.94	20.54	22.30
		100	0	21.41	21.04	20.65	22.30
	64QAM	1	0	21.43	21.41	21.40	22.30
		1	50	21.24	21.28	21.30	22.30
		1	99	21.31	21.35	21.33	22.30
		50	0	20.89	20.90	20.84	21.80
		50	25	20.85	20.81	20.84	21.80
		50	50	20.81	20.89	20.81	21.80
		100	0	20.80	20.79	20.76	21.80



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up		
				39750	40185	40620	41055	41490			
20MHz	64QAM	1	0	21.79	21.79	21.75	21.69	21.71	22.80		
		1	38	21.66	21.58	21.69	21.55	21.64	22.80		
		1	74	21.51	21.53	21.65	21.63	21.60	22.80		
		36	0	20.83	20.81	20.77	20.81	20.82	21.80		
		36	18	20.85	20.80	20.82	20.72	20.84	21.80		
		36	39	20.75	20.81	20.73	20.73	20.73	21.80		
	75	0	20.69	20.64	20.65	20.71	20.67	21.80			
	QPSK	QPSK	1	0	23.74	23.6	23.72	23.57	23.51	24.80	
			1	50	23.64	23.62	23.62	23.43	23.36	24.80	
			1	99	23.64	23.67	23.67	23.5	23.48	24.80	
			50	0	22.8	22.73	22.72	22.6	22.54	23.80	
			50	25	22.84	22.82	22.72	22.68	22.54	23.80	
			50	50	22.8	22.83	22.76	22.62	22.58	23.80	
		16QAM	16QAM	100	0	22.83	22.82	22.71	22.67	22.54	23.80
				1	0	22.87	22.75	22.87	22.76	22.69	23.80
				1	50	22.75	22.75	22.71	22.57	22.57	23.80
				1	99	22.76	22.8	22.8	22.65	22.62	23.80
				50	0	21.8	21.77	21.75	21.65	21.59	22.80
				50	25	21.87	21.86	21.73	21.65	21.57	22.80
		64QAM	64QAM	50	50	21.83	21.87	21.8	21.67	21.61	22.80
				100	0	21.84	21.81	21.72	21.7	21.56	22.80
				1	0	21.81	21.80	21.76	21.78	21.77	22.80
				1	50	21.69	21.65	21.71	21.64	21.65	22.80
				1	99	21.58	21.59	21.66	21.66	21.63	22.80
				50	0	20.84	20.83	20.83	20.88	20.86	21.80
		64QAM	64QAM	50	25	20.87	20.81	20.87	20.81	20.88	21.80
				50	50	20.81	20.82	20.75	20.82	20.75	21.80
				100	0	20.70	20.73	20.72	20.76	20.76	21.80

LTE Band 41 DSI 4/5				Conducted Power(dBm)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up			
				39675	40148	40620	41093	41565				
5MHz	QPSK	1	0	22.14	22.17	22.25	22.1	22.15	23.80			
		1	13	22.08	22.15	22.15	22.01	21.94	23.80			
		1	24	22.14	22.21	22.24	22.04	22.03	23.80			
		12	0	22.33	22.25	22.29	22.21	22.09	23.80			
		12	6	22.4	22.36	22.26	22.21	22.06	23.80			
		12	13	22.33	22.33	22.33	22.22	22.15	23.80			
	16QAM	16QAM	25	0	22.36	22.31	22.2	22.22	22.1	23.80		
			1	0	22.38	22.35	22.39	22.36	22.18	23.80		
			1	13	22.22	22.34	22.24	22.11	22.11	23.80		
			1	24	22.26	22.37	22.33	22.23	22.18	23.80		
			12	0	21.71	21.7	21.7	21.55	21.57	22.80		
			12	6	21.8	21.74	21.72	21.6	21.48	22.80		
	64QAM	64QAM	12	13	21.8	21.76	21.74	21.65	21.58	22.80		
			25	0	21.76	21.77	21.73	21.66	21.52	22.80		
			1	0	21.76	21.67	21.64	21.63	21.67	22.80		
			1	13	21.85	21.81	21.83	21.79	21.74	22.80		
			1	24	21.70	21.79	21.79	21.68	21.70	22.80		
			12	0	20.82	20.73	20.74	20.66	20.73	21.80		
	10MHz	QPSK	12	6	20.61	20.70	20.68	20.67	20.59	21.80		
			12	13	20.68	20.55	20.66	20.61	20.59	21.80		
			25	0	20.57	20.60	20.65	20.58	20.69	21.80		
			Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
			10MHz	QPSK	39700	40160	40620	41080	41540			
					1	0	22.2	22.23	22.23	22.17	22.08	23.80
1	25	22.09			22.18	22.2	22.02	21.93	23.80			
1	49	22.13			22.19	22.26	22.08	22.03	23.80			
25	0	22.32			22.32	22.29	22.18	22.12	23.80			
25	13	22.32			22.35	22.31	22.15	22.1	23.80			
25	25	22.35	22.37	22.31	22.19	22.13	23.80					
50	0	22.32	22.36	22.21	22.22	22.06	23.80					

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up				
				39725	40173	40620	41068	41515					
15MHz	16QAM	1	0	22.32	22.34	22.4	22.33	22.21	23.80				
		1	25	22.24	22.32	22.26	22.18	22.1	23.80				
		1	49	22.24	22.36	22.39	22.17	22.14	23.80				
		25	0	21.72	21.7	21.74	21.61	21.49	22.80				
		25	13	21.77	21.76	21.74	21.66	21.56	22.80				
		25	25	21.76	21.74	21.75	21.6	21.58	22.80				
	64QAM	50	0	21.75	21.76	21.73	21.67	21.51	22.80				
		1	0	21.73	21.71	21.62	21.68	21.70	22.80				
		1	25	21.80	21.80	21.83	21.74	21.81	22.80				
		1	49	21.71	21.71	21.84	21.66	21.71	22.80				
		25	0	20.80	20.77	20.74	20.66	20.71	21.80				
		25	13	20.59	20.63	20.63	20.65	20.66	21.80				
	20MHz	QPSK	25	25	20.68	20.54	20.58	20.66	20.54	21.80			
			50	0	20.56	20.64	20.59	20.59	20.70	21.80			
			1	0	22.2	22.21	22.24	22.15	22.09	23.80			
			1	38	22.15	22.17	22.2	22.02	21.97	23.80			
1			74	22.17	22.2	22.18	22.08	22.06	23.80				
36			0	22.31	22.33	22.28	22.22	22.13	23.80				
16QAM		36	18	22.38	22.33	22.26	22.14	22.12	23.80				
		36	39	22.35	22.34	22.37	22.21	22.12	23.80				
		75	0	22.39	22.35	22.23	22.17	22.12	23.80				
		1	0	22.32	22.32	22.39	22.35	22.19	23.80				
		1	38	22.28	22.32	22.25	22.14	22.12	23.80				
		1	74	22.23	22.34	22.34	22.16	22.17	23.80				
64QAM		36	0	21.71	21.72	21.71	21.63	21.56	22.80				
		36	18	21.75	21.8	21.7	21.64	21.48	22.80				
		36	39	21.81	21.78	21.76	21.62	21.58	22.80				
		75	0	21.81	21.76	21.7	21.62	21.5	22.80				
	1	0	21.71	21.63	21.61	21.65	21.67	22.80					
	1	38	21.85	21.80	21.81	21.80	21.79	22.80					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up				
				39750	40185	40620	41055	41490					
				QPSK	1	0	22.22	22.25		22.28	22.18	22.16	23.80
					1	50	22.17	22.2		22.21	22.08	22.02	23.80
					1	99	22.18	22.23		22.27	22.11	22.12	23.80
					50	0	22.35	22.34		22.36	22.23	22.16	23.80
					50	25	22.41	22.41		22.32	22.23	22.13	23.80
					50	50	22.37	22.4		22.38	22.26	22.21	23.80
				16QAM	100	0	22.4	22.4		22.28	22.26	22.14	23.80
					1	0	22.4	22.37		22.46	22.37	22.27	23.80
1	50	22.3	22.35		22.31	22.2	22.18	23.80					
1	99	22.32	22.41		22.41	22.25	22.23	23.80					
50	0	21.79	21.75		21.75	21.64	21.58	22.80					
50	25	21.82	21.81		21.75	21.68	21.57	22.80					
64QAM	50	50	21.84	21.82	21.77	21.67	21.61	22.80					
	100	0	21.83	21.81	21.75	21.71	21.58	22.80					
	1	0	21.78	21.72	21.69	21.71	21.72	22.80					
	1	50	21.88	21.86	21.86	21.81	21.83	22.80					
	1	99	21.77	21.80	21.86	21.74	21.78	22.80					
	50	0	20.83	20.78	20.77	20.73	20.79	21.80					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up				
				39750	40185	40620	41055	41490					
				50	25	20.67	20.71	20.72		20.73	20.67	21.80	
				50	50	20.74	20.61	20.67		20.68	20.61	21.80	
100	0	20.65	20.66	20.68	20.65	20.71	21.80						

LTE Band 41 DSI 8/9/10				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	21.18	21.04	21.11	20.95	20.92	22.30	
		1	13	21.01	21.04	21.04	20.79	20.75	22.30	
		1	24	20.98	20.95	21	20.78	20.78	22.30	
		12	0	21.05	21.04	21.01	20.87	20.74	22.30	
		12	6	21.09	20.96	20.98	20.85	20.8	22.30	
		12	13	21.09	21.04	21.02	20.84	20.72	22.30	
	16QAM	25	0	21.05	21.05	21.04	20.9	20.77	22.30	
		1	0	21.12	21.02	21.02	20.8	20.77	22.30	
		1	13	21.03	21.04	21.07	20.83	20.73	22.30	
		1	24	21.07	21.01	21.02	20.77	20.8	22.30	
		12	0	21.03	21.02	21.08	20.77	20.76	22.30	
		12	6	21.03	21.02	21.03	20.88	20.8	22.30	
	64QAM	12	13	21.1	21.01	21.03	20.83	20.75	22.30	
		25	0	21.05	21	21.1	20.8	20.75	22.30	
		1	0	21.00	21.05	20.99	20.81	20.73	22.30	
		1	13	21.05	21.04	21.03	20.87	20.78	22.30	
		1	24	21.00	21.02	20.97	20.78	20.69	22.30	
		12	0	20.75	20.60	20.69	20.58	20.69	21.80	
	10MHz	QPSK	12	6	20.57	20.64	20.62	20.65	20.54	21.80
			12	13	20.63	20.47	20.59	20.61	20.57	21.80
			25	0	20.54	20.50	20.51	20.52	20.64	21.80
1			0	21.21	21	21.14	20.98	20.92	22.30	
1			25	21.09	20.97	21.04	20.8	20.74	22.30	
1			49	20.99	20.99	21.01	20.85	20.78	22.30	
16QAM		25	0	21.1	21.05	21	20.89	20.76	22.30	
		25	13	21.05	21	20.99	20.79	20.76	22.30	
		25	25	21.07	21.01	21.07	20.86	20.77	22.30	
		50	0	21.03	20.99	20.98	20.86	20.73	22.30	
		1	0	21.12	21.03	20.98	20.85	20.79	22.30	
		1	25	21.06	21.02	21.08	20.84	20.72	22.30	
64QAM	1	49	21.08	20.97	21.03	20.77	20.8	22.30		
	25	0	21.08	21.05	21.08	20.76	20.72	22.30		
	25	13	20.96	21	21.05	20.88	20.8	22.30		
	25	25	21.06	21.01	21.02	20.8	20.73	22.30		
	50	0	20.98	21.04	21.05	20.78	20.82	22.30		
	1	0	21.04	21.01	21.01	20.77	20.77	22.30		
15MHz	QPSK	1	25	21.05	21.02	21.00	20.82	20.80	22.30	
		1	49	21.01	21.05	21.04	20.75	20.70	22.30	
		25	0	20.80	20.62	20.68	20.55	20.66	21.80	
		25	13	20.52	20.65	20.60	20.70	20.55	21.80	
		25	25	20.63	20.51	20.57	20.64	20.53	21.80	
		50	0	20.54	20.57	20.58	20.50	20.65	21.80	
	16QAM	1	0	21.13	21.07	21.18	21	20.9	22.30	
		1	38	21.01	21.02	21.03	20.86	20.74	22.30	
		1	74	21	20.98	21.02	20.82	20.78	22.30	
		36	0	21.09	21.03	21.08	20.83	20.73	22.30	
		36	18	21.02	20.98	21	20.78	20.76	22.30	
		36	39	21.08	20.99	21.05	20.81	20.71	22.30	
16QAM	75	0	21.04	21.05	20.98	20.84	20.8	22.30		
	1	0	21.09	21.06	21	20.82	20.76	22.30		
	1	38	21.01	21.07	21.06	20.81	20.75	22.30		
	1	74	21.02	20.95	20.98	20.79	20.8	22.30		
	36	0	21.08	21.04	21.08	20.8	20.78	22.30		
	36	18	21.04	21.02	21.03	20.81	20.73	22.30		
15MHz	16QAM	36	39	21.07	20.98	21.01	20.84	20.73	22.30	
		75	0	21.05	21.01	21.06	20.77	20.81	22.30	

		1	0	21.01	21.03	21.00	20.83	20.79	22.30
		1	38	20.99	21.00	21.03	20.80	20.77	22.30
	64QAM	1	74	21.02	21.02	21.02	20.83	20.68	22.30
		36	0	20.76	20.60	20.67	20.56	20.70	21.80
		36	18	20.55	20.65	20.58	20.70	20.54	21.80
		36	39	20.64	20.45	20.57	20.57	20.54	21.80
		75	0	20.51	20.49	20.51	20.52	20.67	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.22	21.08	21.19	21.02	20.95	22.30
		1	50	21.1	21.05	21.09	20.88	20.81	22.30
		1	99	21.05	21.03	21.05	20.86	20.82	22.30
		50	0	21.13	21.1	21.09	20.9	20.79	22.30
		50	25	21.1	21.03	21.07	20.86	20.84	22.30
		50	50	21.11	21.05	21.09	20.88	20.79	22.30
		100	0	21.11	21.08	21.07	20.92	20.81	22.30
	16QAM	1	0	21.13	21.07	21.03	20.86	20.85	22.30
		1	50	21.07	21.09	21.1	20.87	20.79	22.30
		1	99	21.11	21.03	21.05	20.84	20.85	22.30
		50	0	21.1	21.06	21.11	20.85	20.79	22.30
		50	25	21.05	21.04	21.08	20.9	20.82	22.30
		50	50	21.11	21.07	21.08	20.86	20.79	22.30
		100	0	21.07	21.08	21.11	20.85	20.83	22.30
	64QAM	1	0	21.07	21.07	21.06	20.84	20.81	22.30
		1	50	21.08	21.06	21.07	20.89	20.83	22.30
		1	99	21.09	21.11	21.06	20.84	20.77	22.30
		50	0	20.82	20.69	20.71	20.64	20.75	21.80
		50	25	20.58	20.66	20.66	20.71	20.58	21.80
		50	50	20.70	20.52	20.64	20.66	20.58	21.80
		100	0	20.58	20.58	20.60	20.56	20.68	21.80

## 5 Conducted Power of Main Antenna (Ant41)

### 5.1 Conducted Power of GSM

GSM 850 DSI 2/3/4/5/8/9/10										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.40	32.15	32.37	33.50	-9.19	23.21	22.96	23.18	24.31
GPRS (GMSK)	1 TX Slot	32.43	32.19	32.40	33.50	-9.19	23.24	23.00	23.21	24.31
	2 TX Slots	30.68	30.16	30.06	31.50	-6.18	24.50	23.98	23.88	25.32
	3 TX Slots	28.33	28.55	27.46	29.00	-4.42	23.91	24.13	23.04	24.58
	4 TX Slots	26.98	26.88	26.58	28.00	-3.17	23.81	23.71	23.41	24.83
EGPRS (GMSK)	1 TX Slot	32.20	32.00	32.17	33.50	-9.19	23.01	22.81	22.98	24.31
	2 TX Slots	30.18	29.77	29.76	31.50	-6.18	24.00	23.59	23.58	25.32
	3 TX Slots	28.73	28.26	27.22	29.00	-4.42	24.31	23.84	22.80	24.58
	4 TX Slots	27.12	26.86	26.53	28.00	-3.17	23.95	23.69	23.36	24.83
EGPRS (8PSK)	1 TX Slot	26.95	26.85	26.83	28.00	-9.19	17.76	17.66	17.64	18.81
	2 TX Slots	25.00	24.82	24.90	26.00	-6.18	18.82	18.64	18.72	19.82
	3 TX Slots	22.83	22.87	22.96	24.00	-4.42	18.41	18.45	18.54	19.58
	4 TX Slots	21.54	21.30	21.33	22.50	-3.17	18.37	18.13	18.16	19.33

### 5.2 Conducted Power of WCDMA

WCDMA Band V DSI 2/3/4/5/8/9/10					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.31	23.36	23.28	24.50
	12.2kbps AMR	23.28	23.31	23.25	24.50
HSDPA	Subtest 1	22.60	22.66	22.57	23.50
	Subtest 2	22.61	22.65	22.59	23.50
	Subtest 3	21.94	22.16	22.12	23.00
	Subtest 4	21.95	22.16	22.10	23.00
HSUPA	Subtest 1	22.58	22.65	22.58	23.50
	Subtest 2	20.57	20.66	20.57	21.50
	Subtest 3	21.58	21.63	21.59	22.50
	Subtest 4	20.57	20.66	20.59	21.50
	Subtest 5	22.57	22.65	22.57	23.50
DC-HSDPA	Subtest 1	22.51	22.69	22.64	23.50
	Subtest 2	22.54	22.62	22.68	23.50
	Subtest 3	21.92	22.21	22.14	23.00
	Subtest 4	22.02	22.10	22.16	23.00
HSPA+	16QAM	20.63	20.71	20.66	21.50



### 5.3 Conducted Power of LTE

LTE Band 5 DSI 2/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.44	22.98	22.59	24.20
		1	2	22.74	22.69	22.59	24.20
		1	5	22.32	22.69	22.44	24.20
		3	0	22.49	22.85	22.66	24.20
		3	2	22.69	22.7	22.57	24.20
		3	3	22.43	22.52	22.45	24.20
	16QAM	6	0	21.89	21.76	21.78	23.20
		1	0	21.95	21.92	21.89	23.20
		1	2	21.97	22.1	21.77	23.20
		1	5	22.12	21.82	22.09	23.20
		3	0	21.94	21.67	21.77	23.20
		3	2	21.89	21.98	21.83	23.20
	64QAM	3	3	21.96	22.1	21.85	23.20
		6	0	20.67	20.62	20.53	22.20
		1	0	21.03	20.98	21.02	22.20
		1	2	20.92	20.93	20.91	22.20
		1	5	20.87	20.82	20.82	22.20
		3	0	20.81	20.83	20.81	22.20
3MHz	QPSK	3	2	20.88	20.85	20.88	22.20
		3	3	20.80	20.81	20.80	22.20
		6	0	19.98	20.02	20.03	21.20
		1	0	22.58	23.01	22.65	24.20
		1	7	22.67	22.54	22.6	24.20
		1	14	22.4	22.52	22.32	24.20
	16QAM	8	0	21.73	21.74	21.76	23.20
		8	4	21.91	21.72	21.61	23.20
		8	7	21.76	21.8	21.68	23.20
		15	0	21.83	21.68	21.74	23.20
		1	0	21.94	21.88	21.85	23.20
		1	7	22.13	22.11	21.8	23.20
	64QAM	1	14	21.96	21.99	22.11	23.20
		8	0	20.87	20.66	20.68	22.20
		8	4	20.92	20.79	20.71	22.20
		8	7	20.88	20.83	20.9	22.20
		15	0	20.81	20.66	20.58	22.20
		1	0	20.97	20.99	20.99	22.20
5MHz	QPSK	1	7	20.95	20.91	20.92	22.20
		1	14	20.80	20.87	20.85	22.20
		8	0	19.98	19.96	19.94	21.20
		8	4	20.00	19.98	19.96	21.20
		8	7	20.06	20.08	20.07	21.20
		15	0	20.00	20.01	20.00	21.20
	16QAM	1	0	21.99	22.04	21.82	23.20
		1	13	21.98	22.04	21.74	23.20
		1	24	22.04	21.82	22.14	23.20
		12	0	20.76	20.74	20.57	22.20
		12	6	20.72	20.87	20.75	22.20
		12	13	20.76	20.91	20.78	22.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20450	20525	20600		
10MHz	64QAM	25	0	20.83	20.62	20.48	22.20	
		1	0	21.03	21.02	21.03	22.20	
		1	13	20.96	20.93	20.96	22.20	
		1	24	20.83	20.82	20.82	22.20	
		12	0	19.99	19.97	19.98	21.20	
		12	6	19.99	19.99	19.94	21.20	
		12	13	20.03	20.06	20.07	21.20	
	25	0	19.98	20.05	20.05	21.20		
	10MHz	QPSK	1	0	22.5	22.93	22.66	24.20
			1	25	22.64	22.63	22.6	24.20
			1	49	22.38	22.6	22.42	24.20
			25	0	21.79	21.78	21.73	23.20
			25	13	21.82	21.77	21.67	23.20
			25	25	21.74	21.77	21.78	23.20
			50	0	21.85	21.73	21.8	23.20
		16QAM	1	0	21.99	21.96	21.8	23.20
			1	25	22.05	22.06	21.84	23.20
			1	49	22.04	21.92	22.17	23.20
			25	0	20.77	20.75	20.66	22.20
			25	13	20.82	20.8	20.77	22.20
			25	25	20.83	20.87	20.8	22.20
			50	0	20.76	20.72	20.56	22.20
		64QAM	1	0	21.03	20.97	20.99	22.20
			1	25	20.98	20.91	20.92	22.20
			1	49	20.87	20.85	20.83	22.20
			25	0	20.00	20.00	19.93	21.20
			25	13	19.94	19.93	19.93	21.20
			25	25	20.01	20.08	20.09	21.20
50			0	20.04	19.97	19.98	21.20	

LTE Band 12 DSI 2/3/4/5/8/9/10				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	22.76	22.75	22.72	24.00	
		1	2	22.59	22.57	22.62	24.00	
		1	5	22.53	22.82	22.69	24.00	
		3	0	22.84	22.81	22.75	24.00	
		3	2	22.57	22.58	22.63	24.00	
		3	3	22.68	22.89	22.62	24.00	
		6	0	21.64	21.64	21.67	23.00	
	16QAM	1	0	22.35	21.76	21.67	23.00	
		1	2	22.04	21.96	21.74	23.00	
		1	5	21.93	21.9	21.98	23.00	
		3	0	21.75	21.75	21.8	23.00	
		3	2	22.5	21.76	21.74	23.00	
		3	3	21.88	22.02	21.78	23.00	
		6	0	20.77	20.65	20.78	22.00	
	64QAM	1	0	20.93	20.93	20.86	22.00	
		1	2	21.00	20.92	21.01	22.00	
		1	5	20.96	21.00	21.01	22.00	
		3	0	21.03	20.96	21.05	22.00	
		3	2	20.96	20.95	21.03	22.00	
		3	3	20.99	20.98	21.01	22.00	
		6	0	19.96	19.98	20.02	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					23025	23095	23165	
	3MHz	QPSK	1	0	22.85	22.76	22.85	24.00
			1	7	22.58	22.55	22.6	24.00
			1	14	22.59	22.85	22.74	24.00
			8	0	21.67	21.68	21.67	23.00
			8	4	21.7	21.83	21.81	23.00

	16QAM	8	7	21.92	21.82	21.79	23.00
		15	0	21.75	21.64	21.69	23.00
		1	0	22.4	21.79	21.76	23.00
		1	7	21.96	21.91	21.77	23.00
		1	14	21.95	21.88	21.81	23.00
		8	0	20.75	20.78	20.67	22.00
		8	4	20.72	20.72	20.77	22.00
		8	7	20.95	20.68	20.83	22.00
		15	0	20.79	20.64	20.72	22.00
		1	0	20.93	20.93	20.87	22.00
		1	7	20.97	20.89	20.98	22.00
		1	14	20.97	20.98	21.01	22.00
		8	0	19.95	19.96	20.04	21.00
		8	4	19.93	19.99	19.92	21.00
		8	7	19.93	19.87	19.99	21.00
15	0	19.94	20.03	20.01	21.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	22.82	22.76	22.71	24.00
		1	13	22.58	22.52	22.55	24.00
		1	24	22.54	22.92	22.59	24.00
		12	0	21.8	21.69	21.75	23.00
		12	6	21.86	21.84	21.83	23.00
		12	13	21.92	21.69	21.88	23.00
	25	0	21.72	21.73	21.73	23.00	
	16QAM	1	0	22.47	21.77	21.85	23.00
		1	13	21.98	22.03	21.86	23.00
		1	24	22.07	21.79	21.96	23.00
		12	0	20.75	20.79	20.57	22.00
		12	6	20.82	20.76	20.77	22.00
		12	13	20.97	20.68	20.75	22.00
	25	0	20.74	20.69	20.77	22.00	
	64QAM	1	0	20.93	20.96	20.88	22.00
		1	13	21.01	20.88	20.97	22.00
		1	24	20.99	21.01	21.07	22.00
		12	0	19.96	19.96	20.01	21.00
12		6	19.95	20.01	19.91	21.00	
12		13	19.90	19.92	19.97	21.00	
25	0	19.93	20.05	20.00	21.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	22.84	22.73	22.79	24.00
		1	25	22.58	22.61	22.55	24.00
		1	49	22.59	22.83	22.68	24.00
		25	0	21.72	21.64	21.71	23.00
		25	13	21.79	21.76	21.79	23.00
		25	25	21.88	21.78	21.8	23.00
	50	0	21.74	21.7	21.75	23.00	
	16QAM	1	0	22.45	21.77	21.75	23.00
		1	25	21.95	21.97	21.81	23.00
		1	49	22.02	21.85	21.9	23.00
		25	0	20.68	20.78	20.64	22.00
		25	13	20.77	20.71	20.75	22.00
		25	25	20.87	20.77	20.73	22.00
	50	0	20.78	20.74	20.69	22.00	
	64QAM	1	0	20.94	21.01	20.95	22.00
		1	25	21.04	20.97	21.04	22.00
		1	49	21.04	21.02	21.08	22.00
		25	0	20.02	20.03	20.07	21.00
25		13	19.98	20.02	19.97	21.00	
25		25	19.97	19.96	20.01	21.00	
50	0	19.98	20.06	20.03	21.00		

LTE Band 13 DSI 2/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	22.39	22.41	22.35	24.00
		1	13	22.64	22.55	22.69	24.00
		1	24	22.50	22.56	22.53	24.00
		12	0	21.72	21.52	21.62	23.00
		12	6	21.76	21.66	21.66	23.00
		12	13	21.65	21.66	21.57	23.00
	16QAM	25	0	21.67	21.63	21.77	23.00
		1	0	21.94	21.89	21.86	23.00
		1	13	22.14	22.02	22.08	23.00
		1	24	21.97	22.05	21.97	23.00
		12	0	20.68	20.82	20.74	22.00
		12	6	20.81	20.81	20.87	22.00
	64QAM	12	13	20.69	20.69	20.76	22.00
		25	0	20.61	20.69	20.78	22.00
		1	0	20.93	20.94	20.95	22.00
		1	13	20.98	21.00	21.00	22.00
		1	24	21.02	21.03	20.97	22.00
		12	0	19.92	19.90	19.94	21.00
10MHz	QPSK	12	6	19.86	19.85	19.86	21.00
		12	13	19.93	19.90	19.97	21.00
		25	0	19.83	19.84	19.83	21.00
		1	0	/	22.43	/	24.00
		1	25	/	22.62	/	24.00
		1	49	/	22.56	/	24.00
	16QAM	25	0	/	21.62	/	23.00
		25	13	/	21.7	/	23.00
		25	25	/	21.67	/	23.00
		50	0	/	21.72	/	23.00
		1	0	/	21.87	/	23.00
		1	25	/	22.1	/	23.00
	64QAM	1	49	/	21.99	/	23.00
		25	0	/	20.74	/	22.00
		25	13	/	20.78	/	22.00
		25	25	/	20.75	/	22.00
		50	0	/	20.68	/	22.00
		1	0	/	21.02	/	22.00
64QAM	1	25	/	21.01	/	22.00	
	1	49	/	21.05	/	22.00	
	25	0	/	19.95	/	21.00	
	25	13	/	19.89	/	21.00	
	25	25	/	19.98	/	21.00	
	50	0	/	19.88	/	21.00	

LTE Band 17 DSI 2/3/4/5/8/9/10				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23755	23790	23825		
5MHz	QPSK	1	0	22.95	22.94	22.72	24.00	
		1	13	22.68	22.43	22.64	24.00	
		1	24	22.67	22.78	22.68	24.00	
		12	0	21.79	21.73	21.69	23.00	
		12	6	21.82	21.77	21.89	23.00	
		12	13	21.72	21.57	21.75	23.00	
	16QAM	25	0	21.66	21.87	21.83	23.00	
		1	0	22.34	21.66	21.75	23.00	
		1	13	22.28	22.27	21.93	23.00	
		1	24	21.95	21.93	21.97	23.00	
		12	0	20.83	20.80	20.77	22.00	
		12	6	20.79	20.74	20.74	22.00	
	64QAM	12	13	20.71	20.67	20.75	22.00	
		25	0	20.93	20.82	20.78	22.00	
		1	0	21.07	21.11	21.05	22.00	
		1	13	21.02	20.96	20.97	22.00	
		1	24	21.01	21.02	21.02	22.00	
		12	0	20.01	20.03	20.01	21.00	
	10MHz	QPSK	12	6	20.05	19.99	20.05	21.00
			12	13	19.95	20.01	19.96	21.00
			25	0	20.09	20.09	20.07	21.00
1			0	23.01	22.9	22.76	24.00	
1			25	22.73	22.49	22.66	24.00	
1			49	22.75	22.69	22.67	24.00	
16QAM		25	0	21.76	21.74	21.77	23.00	
		25	13	21.81	21.76	21.85	23.00	
		25	25	21.75	21.66	21.65	23.00	
		50	0	21.74	21.77	21.78	23.00	
		1	0	22.27	21.75	21.85	23.00	
		1	25	22.37	22.19	21.94	23.00	
64QAM		1	49	21.97	22.03	22.01	23.00	
		25	0	20.83	20.87	20.79	22.00	
		25	13	20.87	20.83	20.84	22.00	
	25	25	20.73	20.69	20.83	22.00		
	50	0	20.85	20.8	20.8	22.00		
	1	0	21.07	21.03	21.06	22.00		
	1	25	21.02	20.98	21.04	22.00		
	1	49	20.99	21.01	20.99	22.00		
	25	0	19.99	19.97	19.99	21.00		
	25	13	20.05	20.01	20.01	21.00		
	25	25	19.98	19.99	19.99	21.00		
	50	0	20.05	20.02	20.04	21.00		

LTE Band 26 DSI 2/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	22.45	22.71	22.46	24.20
		1	2	22.62	22.51	22.63	24.20
		1	5	22.58	22.62	22.26	24.20
		3	0	22.52	22.77	22.59	24.20
		3	2	22.68	22.63	22.62	24.20
		3	3	22.49	22.67	22.42	24.20
	16QAM	6	0	21.81	21.65	21.79	23.20
		1	0	22	22.2	21.69	23.20
		1	2	22.1	21.69	21.79	23.20
		1	5	22.15	21.87	22.06	23.20
		3	0	22.04	22.35	21.66	23.20
		3	2	22.13	21.72	21.67	23.20
	64QAM	3	3	22.06	21.85	22.09	23.20
		6	0	20.72	20.71	20.93	22.20
		1	0	21.08	21.01	21.04	22.20
		1	2	21.02	20.98	20.97	22.20
		1	5	20.98	21.02	21.03	22.20
		3	0	20.99	20.98	21.03	22.20
3MHz	QPSK	3	2	21.00	20.96	20.98	22.20
		3	3	20.99	20.99	20.97	22.20
		6	0	19.99	20.01	20.07	21.20
		1	0	22.49	22.62	22.59	24.20
		1	7	22.61	22.68	22.49	24.20
		1	14	22.57	22.54	22.28	24.20
	16QAM	8	0	21.65	21.74	21.54	23.20
		8	4	21.76	21.58	21.63	23.20
		8	7	21.86	21.63	21.73	23.20
		15	0	21.82	21.52	21.83	23.20
		1	0	21.98	22.20	21.68	23.20
		1	7	22.15	21.87	21.69	23.20
	64QAM	1	14	21.99	22.05	22.09	23.20
		8	0	20.72	20.75	20.68	22.20
		8	4	20.79	20.66	20.68	22.20
		8	7	20.74	20.65	20.63	22.20
		15	0	20.70	20.79	20.82	22.20
		1	0	21.09	21.04	21.06	22.20
5MHz	QPSK	1	7	21.03	20.98	21.03	22.20
		1	14	21.00	21.01	20.97	22.20
		8	0	20.06	20.07	20.04	21.20
		8	4	20.00	20.01	20.04	21.20
		8	7	19.98	20.00	20.03	21.20
		15	0	20.02	20.04	20.00	21.20
	16QAM	1	0	22.59	22.6	22.63	24.20
		1	13	22.5	22.61	22.65	24.20
		1	24	22.44	22.64	22.31	24.20
		12	0	21.49	21.68	21.5	23.20
		12	6	21.63	21.65	21.82	23.20
		12	13	21.8	21.77	21.73	23.20
		25	0	21.74	21.55	21.66	23.20
		1	0	22.12	22.32	21.56	23.20
		1	13	22.06	21.77	21.79	23.20
		1	24	22.08	21.86	22.23	23.20
		12	0	20.7	20.63	20.75	22.20
		12	6	20.74	20.52	20.62	22.20
12	13	20.68	20.65	20.62	22.20		
25	0	20.79	20.72	20.85	22.20		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26740	26865	26990		
10MHz	64QAM	1	0	21.02	21.01	21.09	22.20	
		1	13	21.01	20.97	21.02	22.20	
		1	24	21.01	20.98	20.96	22.20	
		12	0	20.07	20.09	20.04	21.20	
		12	6	19.96	20.02	20.00	21.20	
		12	13	19.98	20.05	20.05	21.20	
	10MHz	QPSK	25	0	20.07	20.00	20.04	21.20
			1	0	22.45	22.73	22.56	24.20
			1	25	22.64	22.69	22.65	24.20
			1	49	22.52	22.65	22.28	24.20
			25	0	21.63	21.68	21.58	23.20
			25	13	21.79	21.56	21.69	23.20
		16QAM	25	25	21.84	21.69	21.77	23.20
			50	0	21.82	21.66	21.77	23.20
			1	0	21.95	22.30	21.73	23.20
			1	25	22.19	21.85	21.66	23.20
			1	49	22.04	21.87	22.19	23.20
			25	0	20.68	20.74	20.72	22.20
			25	13	20.73	20.53	20.60	22.20
			25	25	20.80	20.62	20.53	22.20
			50	0	20.80	20.74	20.87	22.20
64QAM	1	0	21.03	21.01	21.05	22.20		
	1	25	20.96	21.00	20.98	22.20		
	1	49	20.99	21.01	21.00	22.20		
	25	0	20.04	20.06	20.08	21.20		
	25	13	20.00	19.98	19.97	21.20		
	25	25	20.04	19.99	19.98	21.20		
	50	0	20.01	19.99	19.99	21.20		
	15MHz	QPSK	1	0	22.53	22.68	22.56	24.20
			1	38	22.59	22.59	22.55	24.20
1			74	22.54	22.61	22.36	24.20	
36			0	21.55	21.78	21.6	23.20	
36			18	21.7	21.62	21.73	23.20	
36			39	21.77	21.72	21.72	23.20	
75			0	21.74	21.58	21.74	23.20	
16QAM		1	0	22.02	22.25	21.65	23.20	
		1	38	22.13	21.78	21.7	23.20	
		1	74	22.06	21.95	22.16	23.20	
		36	0	20.66	20.68	20.67	22.20	
		36	18	20.75	20.61	20.67	22.20	
		36	39	20.71	20.68	20.62	22.20	
		75	0	20.73	20.69	20.85	22.20	
64QAM		1	0	21.06	21.05	21.06	22.20	
		1	38	20.96	21.02	20.97	22.20	
		1	74	20.97	20.97	20.96	22.20	
		36	0	20.06	20.12	20.11	21.20	
		36	18	20.01	20.02	20.04	21.20	
		36	39	20.01	20.02	20.02	21.20	
		75	0	20.06	20.03	20.02	21.20	

## 6 Conducted Power of Intra Band LTE Uplink CA

### 6.1 Conducted Power of LTE Uplink CA (Ant14)

Combination	Modulation	PCC						SCC					DSI4/5		DSI8/9/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	0	2850	7	20	21048	0	0	22.41	23.00	19.42	21.00
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	21298	0	0	22.15	23.00	19.39	21.00
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	0	0	22.25	23.00	19.26	21.00
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	0	0	22.34	23.00	19.59	21.00

Combination	Modulation	PCC						SCC					DSI4/5		DSI8/9/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	0	39750	41	20	39948	0	0	22.95	24.30	21.04	22.30
CA_41C	QPSK	41	20	40185	1	0	40185	41	20	40383	0	0	22.52	24.30	20.52	22.30
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40818	0	0	23.19	24.30	21.09	22.30
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40422	0	0	23.18	24.30	21.2	22.30
CA_41C	QPSK	41	20	41055	1	0	41055	41	20	40857	0	0	23.68	24.30	21.44	22.30
CA_41C	QPSK	41	20	41490	1	0	41490	41	20	41292	0	0	23.82	24.30	21.75	22.30

### 6.2 Conducted Power of LTE Uplink CA (Ant31)

Combination	Modulation	PCC						SCC					DSI2/3		DSI4/5		DSI8/9/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	0	2850	7	20	21048	0	0	22.71	24.00	21.23	22.50	19.85	21.00
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	21298	0	0	22.52	24.00	21.07	22.50	19.51	21.00
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	0	0	22.57	24.00	21.08	22.50	19.61	21.00
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	0	0	22.46	24.00	21.25	22.50	19.63	21.00

Combination	Modulation	PCC						SCC					DSI2/3		DSI4/5		DSI8/9/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	0	39750	41	20	39948	0	0	23.96	24.80	22.25	23.80	20.86	22.30
CA_41C	QPSK	41	20	40185	1	0	40185	41	20	40383	0	0	23.54	24.80	22.02	23.80	20.38	22.30
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40818	0	0	23.85	24.80	22.29	23.80	20.63	22.30
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40422	0	0	23.83	24.80	22.32	23.80	20.75	22.30
CA_41C	QPSK	41	20	41055	1	0	41055	41	20	40857	0	0	23.42	24.80	21.92	23.80	20.31	22.30
CA_41C	QPSK	41	20	41490	1	0	41490	41	20	41292	0	0	23.66	24.80	22.31	23.80	20.59	22.30



## 7 Conducted Power of Inter Band LTE Uplink CA

### 7.1 Conducted Power of LTE Uplink CA (Ant11)

LTE Band 2 DSI 2/5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	19.89	19.99	20.21	21.50	
		1	2	19.76	19.83	20.22	21.50	
		1	5	19.83	19.78	20.06	21.50	
		3	0	19.80	19.93	20.12	21.50	
		3	2	19.76	19.71	20.10	21.50	
		3	3	19.96	19.77	20.22	21.50	
	16QAM	6	0	19.92	19.94	20.16	21.50	
		1	0	19.72	19.86	20.01	21.50	
		1	2	19.95	19.72	20.19	21.50	
		1	5	19.87	20.02	20.08	21.50	
		3	0	19.71	19.77	20.12	21.50	
		3	2	19.96	19.82	20.03	21.50	
	64QAM	3	3	19.88	19.85	20.17	21.50	
		6	0	19.76	19.80	20.07	21.50	
		1	0	19.93	19.78	20.10	21.50	
		1	2	19.83	19.88	20.06	21.50	
		1	5	19.91	19.70	20.11	21.50	
		3	0	19.83	19.93	20.22	21.50	
	3MHz	QPSK	3	2	19.75	19.84	20.15	21.50
			3	3	19.87	19.79	20.15	21.50
			6	0	19.54	19.53	19.94	21.00
1			0	19.92	19.88	20.24	21.50	
1			7	19.84	19.82	20.14	21.50	
1			14	19.78	19.85	20.19	21.50	
16QAM		8	0	19.97	19.84	20.26	21.50	
		8	4	19.88	19.82	20.02	21.50	
		8	7	19.90	19.78	20.26	21.50	
		15	0	19.89	19.87	20.23	21.50	
		1	0	19.73	19.85	20.11	21.50	
		1	7	19.80	19.80	20.15	21.50	
64QAM	1	14	19.85	19.92	20.17	21.50		
	8	0	19.75	19.73	20.05	21.50		
	8	4	19.98	19.85	20.08	21.50		
	8	7	19.92	19.90	20.17	21.50		
	15	0	19.73	19.78	20.16	21.50		
	1	0	19.92	19.80	20.23	21.50		
5MHz	QPSK	1	7	19.85	19.86	19.98	21.50	
		1	14	19.76	19.78	20.10	21.50	
		8	0	19.61	19.53	19.97	21.00	
		8	4	19.65	19.66	19.80	21.00	
		8	7	19.56	19.67	19.99	21.00	
		15	0	19.56	19.63	19.94	21.00	
	16QAM	1	0	19.81	19.75	20.14	21.50	
		1	13	19.82	19.74	20.13	21.50	
		1	24	19.92	20.04	20.21	21.50	
		12	0	19.67	19.73	20.01	21.50	
		12	6	19.98	19.88	20.05	21.50	
		1	0	19.82	20.00	20.29	21.50	

	64QAM	12	13	19.84	19.90	20.15	21.50	
		25	0	19.86	19.76	20.07	21.50	
		1	0	19.76	19.86	20.26	21.50	
		1	13	19.75	19.89	20.04	21.50	
		1	24	19.93	19.72	20.16	21.50	
		12	0	19.70	19.59	19.96	21.00	
		12	6	19.65	19.72	19.93	21.00	
		12	13	19.67	19.69	19.88	21.00	
		25	0	19.43	19.58	19.81	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18650	18900	19150		
10MHz	QPSK	1	0	19.83	20.00	20.19	21.50	
		1	25	19.68	19.77	20.19	21.50	
		1	49	19.96	19.89	20.06	21.50	
		25	0	19.98	19.86	20.28	21.50	
		25	13	19.75	19.79	20.00	21.50	
		25	25	19.96	19.93	20.26	21.50	
	16QAM	50	0	19.81	19.83	20.22	21.50	
		1	0	19.73	19.82	20.15	21.50	
		1	25	19.93	19.71	20.25	21.50	
		1	49	19.80	19.96	20.09	21.50	
		25	0	19.80	19.71	20.05	21.50	
		25	13	19.94	19.77	20.16	21.50	
	64QAM	25	25	19.79	19.81	20.19	21.50	
		50	0	19.85	19.71	20.16	21.50	
		1	0	19.74	19.81	20.18	21.50	
		1	25	19.86	19.85	20.01	21.50	
		1	49	19.86	19.73	20.19	21.50	
		25	0	19.60	19.71	20.00	21.00	
			25	13	19.61	19.63	19.98	21.00
			25	25	19.73	19.75	19.83	21.00
			50	0	19.56	19.59	19.74	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	QPSK	1	0	19.83	19.87	20.13	21.50	
		1	38	19.71	19.74	20.15	21.50	
		1	74	19.84	19.85	20.11	21.50	
		36	0	19.82	19.91	20.30	21.50	
		36	18	19.85	19.73	20.13	21.50	
		36	39	19.94	19.84	20.27	21.50	
	16QAM	75	0	19.77	19.95	20.22	21.50	
		1	0	19.91	19.69	20.02	21.50	
		1	38	19.80	19.78	20.18	21.50	
		1	74	19.81	19.98	20.16	21.50	
		36	0	19.69	19.87	20.04	21.50	
		36	18	19.89	19.91	20.11	21.50	
	64QAM	36	39	19.89	19.84	20.16	21.50	
		75	0	19.69	19.81	20.18	21.50	
		1	0	19.79	19.85	20.13	21.50	
		1	38	19.74	19.90	20.00	21.50	
		1	74	19.95	19.84	20.27	21.50	
		36	0	19.55	19.57	19.92	21.00	
			36	18	19.53	19.56	19.85	21.00
			36	39	19.55	19.60	19.99	21.00
			75	0	19.46	19.60	19.83	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	QPSK	1	0	19.83	19.93	20.22	21.50	
		1	50	19.75	19.84	20.15	21.50	
		1	99	19.87	19.79	20.15	21.50	
		50	0	20.15	20.11	20.21	21.50	
		50	25	19.79	19.77	20.09	21.50	
		50	50	19.89	19.84	20.18	21.50	
	16QAM	100	0	19.84	19.86	20.18	21.50	
		1	0	19.81	19.78	20.11	21.50	
		1	50	19.89	19.80	20.19	21.50	
		1	99	19.88	19.95	20.18	21.50	

		50	0	19.76	19.80	20.08	21.50
		50	25	19.89	19.87	20.11	21.50
		50	50	19.88	19.85	20.21	21.50
		100	0	19.79	19.78	20.16	21.50
	64QAM	1	0	19.84	19.87	20.20	21.50
		1	50	19.81	19.83	20.08	21.50
		1	99	19.85	19.80	20.20	21.50
		50	0	19.64	19.61	19.90	21.00
		50	25	19.62	19.62	19.89	21.00
		50	50	19.65	19.66	19.91	21.00
		100	0	19.53	19.58	19.84	21.00

LTE Band 2 DSI 3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	19.41	19.42	19.57	21.00	
		1	2	19.24	19.34	19.52	21.00	
		1	5	19.50	19.31	19.65	21.00	
		3	0	19.33	19.30	19.87	21.00	
		3	2	19.46	19.21	19.50	21.00	
		3	3	19.32	19.15	19.56	21.00	
	16QAM	6	0	19.44	19.38	19.76	21.00	
		1	0	19.24	19.06	19.54	21.00	
		1	2	19.28	19.32	19.92	21.00	
		1	5	19.42	19.36	19.74	21.00	
		3	0	19.37	19.29	19.55	21.00	
		3	2	19.37	19.33	19.56	21.00	
	64QAM	3	3	19.32	19.35	19.81	21.00	
		6	0	19.36	19.28	19.46	21.00	
		1	0	19.47	19.50	19.70	21.00	
		1	2	19.37	19.32	19.54	21.00	
		1	5	19.36	19.25	19.87	21.00	
		3	0	19.31	19.54	19.61	21.00	
	3MHz	QPSK	3	2	19.33	19.36	19.45	21.00
			3	3	19.29	19.36	19.77	21.00
			6	0	19.54	19.53	19.94	21.00
			Channel	Channel	Channel	Tune up		
			18615	18900	19185			
			5MHz	QPSK	1	0	19.38	19.43
1		7			19.20	19.27	19.64	21.00
1		14			19.42	19.27	19.75	21.00
8		0			19.34	19.34	19.91	21.00
8		4			19.40	19.21	19.49	21.00
8		7			19.44	19.31	19.51	21.00
16QAM		15		0	19.44	19.40	19.75	21.00
		1		0	19.29	19.17	19.63	21.00
		1		7	19.25	19.26	19.76	21.00
		1		14	19.38	19.47	19.86	21.00
		8		0	19.37	19.35	19.43	21.00
		8		4	19.48	19.22	19.61	21.00
64QAM		8		7	19.34	19.37	19.86	21.00
		15		0	19.27	19.27	19.61	21.00
		1		0	19.39	19.46	19.74	21.00
		1		7	19.34	19.37	19.47	21.00
		1		14	19.28	19.30	19.86	21.00
		8		0	19.61	19.53	19.97	21.00
5MHz		QPSK	8	4	19.65	19.66	19.80	21.00
	8		7	19.56	19.67	19.99	21.00	
	15		0	19.56	19.63	19.94	21.00	
	Channel		Channel	Channel	Tune up			
	18625		18900	19175				
	1		0	19.47	19.35	19.52	21.00	
1	13	19.26	19.28	19.67	21.00			
1	24	19.48	19.43	19.64	21.00			

		12	0	19.30	19.23	19.85	21.00		
		12	6	19.53	19.20	19.51	21.00		
		12	13	19.38	19.22	19.47	21.00		
		25	0	19.43	19.33	19.61	21.00		
		1	0	19.20	19.20	19.50	21.00		
		1	13	19.30	19.32	19.94	21.00		
		1	24	19.43	19.37	19.88	21.00		
		12	0	19.39	19.39	19.48	21.00		
		12	6	19.31	19.30	19.42	21.00		
	12	13	19.25	19.49	19.87	21.00			
	25	0	19.31	19.14	19.60	21.00			
	16QAM	1	0	19.30	19.47	19.77	21.00		
		1	13	19.36	19.39	19.60	21.00		
		1	24	19.26	19.44	19.92	21.00		
		12	0	19.70	19.59	19.96	21.00		
		12	6	19.65	19.72	19.93	21.00		
		12	13	19.67	19.69	19.88	21.00		
	64QAM	25	0	19.43	19.58	19.81	21.00		
1		0	19.30	19.47	19.77	21.00			
1		13	19.36	19.39	19.60	21.00			
1		24	19.26	19.44	19.92	21.00			
12		0	19.70	19.59	19.96	21.00			
12		6	19.65	19.72	19.93	21.00			
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				18650	18900	19150			
	10MHz	QPSK	1	0	19.39	19.40	19.50	21.00	
			1	25	19.08	19.19	19.71	21.00	
			1	49	19.41	19.35	19.74	21.00	
			25	0	19.41	19.27	19.88	21.00	
			25	13	19.49	19.24	19.57	21.00	
			25	25	19.27	19.17	19.40	21.00	
		16QAM	50	0	19.43	19.41	19.58	21.00	
			1	0	19.29	19.01	19.65	21.00	
			1	25	19.32	19.25	19.80	21.00	
			1	49	19.30	19.38	19.85	21.00	
			25	0	19.32	19.31	19.45	21.00	
			25	13	19.32	19.28	19.52	21.00	
		64QAM	25	25	19.34	19.30	19.78	21.00	
			50	0	19.35	19.22	19.51	21.00	
			1	0	19.44	19.62	19.68	21.00	
			1	25	19.24	19.34	19.53	21.00	
1			49	19.43	19.36	19.85	21.00		
25			0	19.60	19.71	20.00	21.00		
<b>Bandwidth</b>		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
					18675	18900	19125		
		15MHz	QPSK	1	0	19.37	19.33	19.62	21.00
				1	38	19.26	19.27	19.68	21.00
				1	74	19.43	19.31	19.79	21.00
				36	0	19.42	19.33	19.93	21.00
	36			18	19.43	19.13	19.54	21.00	
	36			39	19.32	19.21	19.43	21.00	
	16QAM		75	0	19.33	19.35	19.72	21.00	
			1	0	19.22	19.12	19.66	21.00	
			1	38	19.41	19.21	19.77	21.00	
			1	74	19.32	19.42	19.79	21.00	
			36	0	19.29	19.32	19.50	21.00	
			36	18	19.32	19.33	19.55	21.00	
	64QAM		36	39	19.34	19.40	19.98	21.00	
			75	0	19.20	19.33	19.46	21.00	
			1	0	19.38	19.43	19.67	21.00	
			1	38	19.39	19.29	19.46	21.00	
1			74	19.25	19.41	19.88	21.00		
36			0	19.55	19.57	19.92	21.00		
<b>Bandwidth</b>	Modulation		RB size	RB offset	Channel	Channel	Channel	Tune up	
					18700	18900	19100		
	20MHz		QPSK	1	0	19.41	19.36	19.60	21.00

		1	50	19.18	19.27	19.61	21.00
		1	99	19.41	19.35	19.69	21.00
		50	0	19.33	19.30	19.92	21.00
		50	25	19.43	19.17	19.49	21.00
		50	50	19.36	19.23	19.49	21.00
	100	0	19.39	19.41	19.66	21.00	
	16QAM	1	0	19.29	19.10	19.58	21.00
		1	50	19.32	19.25	19.85	21.00
		1	99	19.37	19.43	19.83	21.00
		50	0	19.36	19.31	19.52	21.00
		50	25	19.39	19.31	19.52	21.00
	50	50	19.31	19.39	19.90	21.00	
	100	0	19.28	19.24	19.56	21.00	
	64QAM	1	0	19.38	19.53	19.71	21.00
		1	50	19.33	19.31	19.55	21.00
		1	99	19.33	19.35	19.83	21.00
		50	0	19.64	19.61	19.90	21.00
		50	25	19.62	19.62	19.89	21.00
	50	50	19.65	19.66	19.91	21.00	
	100	0	19.53	19.58	19.84	21.00	

LTE Band 2 DSI 4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	22.28	22.48	22.61	24.00	
		1	2	22.30	22.27	22.71	24.00	
		1	5	22.46	22.43	22.56	24.00	
		3	0	22.51	22.55	22.84	24.00	
		3	2	22.43	22.47	22.90	24.00	
		3	3	22.79	22.65	22.91	24.00	
	16QAM	6	0	21.56	21.64	21.84	23.00	
		1	0	21.15	21.15	21.33	23.00	
		1	2	21.13	21.18	21.47	23.00	
		1	5	21.13	21.03	21.50	23.00	
		3	0	21.54	21.60	21.84	23.00	
		3	2	21.59	21.66	21.94	23.00	
	64QAM	3	3	21.48	21.51	21.96	23.00	
		6	0	20.63	20.69	20.86	22.00	
		1	0	20.54	20.41	20.79	22.00	
		1	2	20.40	20.35	20.84	22.00	
		1	5	20.35	20.36	20.62	22.00	
		3	0	20.74	20.58	20.81	22.00	
	3MHz	QPSK	3	2	20.70	20.64	20.85	22.00
			3	3	20.69	20.72	20.92	22.00
6			0	19.54	19.53	19.94	21.00	
1			0	22.43	22.50	22.69	24.00	
1			7	22.22	22.41	22.68	24.00	
1			14	22.44	22.32	22.61	24.00	
16QAM		8	0	21.64	21.70	22.01	23.00	
		8	4	21.58	21.54	21.79	23.00	
		8	7	21.67	21.71	21.92	23.00	
		15	0	21.50	21.58	21.98	23.00	
		1	0	21.06	21.17	21.37	23.00	
		1	7	21.05	21.04	21.28	23.00	
64QAM	1	14	21.17	21.15	21.36	23.00		
	8	0	20.59	20.60	20.92	22.00		
	8	4	20.70	20.53	20.91	22.00		
	8	7	20.57	20.53	20.91	22.00		
	15	0	20.69	20.72	20.97	22.00		
	1	0	20.55	20.58	20.74	22.00		
	64QAM	1	7	20.36	20.51	20.75	22.00	
		1	14	20.44	20.37	20.64	22.00	

		8	0	19.61	19.53	19.97	21.00
		8	4	19.65	19.66	19.80	21.00
		8	7	19.56	19.67	19.99	21.00
		15	0	19.56	19.63	19.94	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.35	22.35	22.62	24.00
		1	13	22.35	22.30	22.72	24.00
		1	24	22.42	22.24	22.67	24.00
		12	0	21.56	21.61	21.96	23.00
		12	6	21.47	21.49	21.85	23.00
		12	13	21.59	21.62	21.82	23.00
	16QAM	25	0	21.49	21.54	21.95	23.00
		1	0	21.01	21.08	21.38	23.00
		1	13	21.18	21.18	21.41	23.00
		1	24	21.08	21.08	21.36	23.00
		12	0	20.66	20.60	21.00	22.00
		12	6	20.69	20.62	20.85	22.00
	64QAM	12	13	20.56	20.70	20.91	22.00
		25	0	20.62	20.64	20.91	22.00
		1	0	20.46	20.56	20.89	22.00
		1	13	20.44	20.47	20.67	22.00
		1	24	20.44	20.38	20.78	22.00
		12	0	19.70	19.59	19.96	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.31	22.47	22.64	24.00
		1	25	22.31	22.31	22.68	24.00
		1	49	22.44	22.41	22.71	24.00
		25	0	21.48	21.65	21.84	23.00
		25	13	21.57	21.51	21.85	23.00
		25	25	21.70	21.66	21.88	23.00
	16QAM	50	0	21.49	21.51	21.81	23.00
		1	0	21.20	21.09	21.36	23.00
		1	25	21.14	21.06	21.32	23.00
		1	49	21.05	21.07	21.35	23.00
		25	0	20.51	20.50	20.90	22.00
		25	13	20.57	20.54	20.95	22.00
	64QAM	25	25	20.52	20.61	21.02	22.00
		50	0	20.80	20.69	21.00	22.00
		1	0	20.44	20.46	20.74	22.00
		1	25	20.37	20.42	20.79	22.00
		1	49	20.41	20.51	20.69	22.00
		25	0	19.60	19.71	20.00	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	25	13	19.67	19.69	19.88	21.00
		25	0	19.43	19.58	19.81	21.00
		1	0	22.34	22.43	22.62	24.00
		1	38	22.33	22.28	22.69	24.00
		1	74	22.34	22.24	22.67	24.00
		36	0	21.62	21.62	21.83	23.00
	16QAM	36	18	21.49	21.57	21.81	23.00
		36	39	21.70	21.58	21.99	23.00
		75	0	21.51	21.48	21.85	23.00
		1	0	21.19	21.14	21.42	23.00
		1	38	21.20	21.12	21.31	23.00
		1	74	21.08	21.10	21.40	23.00
	64QAM	36	0	20.66	20.58	20.82	22.00
		36	18	20.56	20.51	20.96	22.00
		36	39	20.67	20.64	20.87	22.00
		75	0	20.68	20.63	20.86	22.00
		1	0	20.57	20.58	20.73	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	38	20.41	20.39	20.71	22.00
		1	74	20.51	20.55	20.77	22.00
		36	0	19.55	19.57	19.92	21.00
		36	18	19.53	19.56	19.85	21.00
		36	39	19.55	19.60	19.99	21.00
		75	0	19.46	19.60	19.83	21.00
	16QAM	1	0	22.35	22.40	22.69	24.00
		1	50	22.28	22.32	22.63	24.00
		1	99	22.36	22.34	22.66	24.00
		50	0	21.58	21.60	21.93	23.00
		50	25	21.52	21.56	21.86	23.00
		50	50	21.69	21.64	21.91	23.00
	64QAM	100	0	21.51	21.56	21.91	23.00
		1	0	21.10	21.08	21.37	23.00
		1	50	21.12	21.09	21.37	23.00
		1	99	21.09	21.06	21.41	23.00
		50	0	20.56	20.58	20.92	22.00
		50	25	20.63	20.59	20.94	22.00
	QPSK	50	50	20.58	20.60	20.95	22.00
		100	0	20.70	20.67	20.96	22.00
		1	0	20.47	20.48	20.79	22.00
		1	50	20.43	20.42	20.77	22.00
		1	99	20.41	20.45	20.72	22.00
		50	0	19.64	19.61	19.90	21.00
	16QAM	50	25	19.62	19.62	19.89	21.00
		50	50	19.65	19.66	19.91	21.00
		100	0	19.53	19.58	19.84	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	19.08	18.57	19.11	20.50
		1	2	18.75	18.87	18.97	20.50
		1	5	18.88	18.62	19.07	20.50
		3	0	18.95	19.01	19.59	20.50
		3	2	19.05	18.61	19.08	20.50
		3	3	18.89	18.99	19.06	20.50
	16QAM	6	0	18.73	19.24	18.96	20.50
		1	0	18.69	18.69	19.31	20.50
		1	2	18.81	18.74	19.40	20.50
		1	5	19.11	18.96	19.30	20.50
		3	0	18.72	18.76	19.09	20.50
		3	2	18.99	18.81	19.22	20.50
	64QAM	3	3	18.86	18.93	19.24	20.50
		6	0	18.78	18.90	19.10	20.50
		1	0	18.70	18.94	19.35	20.50
		1	2	19.00	18.72	18.86	20.50
		1	5	18.92	19.11	19.29	20.50
		3	0	19.06	19.09	19.52	20.50
	QPSK	3	2	19.25	19.20	19.52	20.50
		3	3	19.28	19.32	19.34	20.50
		6	0	18.96	19.27	19.20	20.50
		1	0	18.88	18.65	18.99	20.50
		1	7	18.82	18.79	18.97	20.50
		1	14	18.84	18.69	18.92	20.50
	16QAM	8	0	19.00	18.85	19.50	20.50
		8	4	18.92	18.67	19.02	20.50
		8	7	19.03	18.84	19.05	20.50
15		0	18.79	19.21	18.94	20.50	
1		0	18.73	18.77	19.28	20.50	

		1	7	18.81	18.71	19.35	20.50		
		1	14	19.08	18.93	19.30	20.50		
		8	0	18.55	18.93	19.14	20.50		
		8	4	18.91	18.87	19.26	20.50		
		8	7	18.90	19.03	19.37	20.50		
		15	0	18.76	18.74	19.19	20.50		
		64QAM	1	0	18.68	18.86	19.41	20.50	
			1	7	18.83	18.83	18.84	20.50	
			1	14	18.88	19.12	19.25	20.50	
			8	0	19.05	19.19	19.52	20.50	
			8	4	19.23	19.33	19.46	20.50	
		8	7	19.30	19.31	19.34	20.50		
		15	0	18.99	19.24	19.22	20.50		
		<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>
						18625	18900	19175	
5MHz	QPSK	1	0	19.05	18.69	18.96	20.50		
		1	13	18.78	18.78	19.00	20.50		
		1	24	18.76	18.74	19.09	20.50		
		12	0	19.05	18.99	19.56	20.50		
		12	6	19.02	18.63	19.06	20.50		
		12	13	18.97	18.89	19.09	20.50		
	16QAM	25	0	18.77	19.24	19.11	20.50		
		1	0	18.70	18.65	19.22	20.50		
		1	13	18.97	18.71	19.36	20.50		
		1	24	19.07	19.06	19.25	20.50		
		12	0	18.70	18.84	19.14	20.50		
		12	6	18.92	18.98	19.21	20.50		
	64QAM	12	13	18.86	18.93	19.36	20.50		
		25	0	18.60	18.79	19.15	20.50		
		1	0	18.62	18.98	19.39	20.50		
		1	13	18.83	18.69	18.72	20.50		
		1	24	18.91	19.16	19.16	20.50		
		12	0	19.20	19.10	19.47	20.50		
		12	6	19.21	19.22	19.61	20.50		
		12	13	19.28	19.22	19.37	20.50		
		25	0	18.90	19.26	19.15	20.50		
		<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	
	10MHz	QPSK	1	0	19.05	18.64	19.14	20.50	
			1	25	18.66	18.76	18.99	20.50	
1			49	18.74	18.73	19.00	20.50		
25			0	18.85	18.97	19.56	20.50		
25			13	19.04	18.66	19.09	20.50		
25			25	18.98	18.96	18.95	20.50		
16QAM		50	0	18.85	19.22	19.05	20.50		
		1	0	18.75	18.66	19.27	20.50		
		1	25	18.91	18.76	19.34	20.50		
		1	49	19.14	18.88	19.35	20.50		
		25	0	18.57	18.90	19.07	20.50		
		25	13	18.88	18.99	19.14	20.50		
64QAM		25	25	18.88	18.87	19.29	20.50		
		50	0	18.76	18.72	19.11	20.50		
		1	0	18.58	18.94	19.42	20.50		
		1	25	18.93	18.70	18.80	20.50		
		1	49	18.90	19.03	19.17	20.50		
		25	0	19.19	19.20	19.44	20.50		
		25	13	19.14	19.18	19.59	20.50		
		25	25	19.23	19.23	19.49	20.50		
		50	0	18.95	19.17	19.21	20.50		
		<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	
15MHz		QPSK	1	0	19.00	18.67	18.97	20.50	
			1	38	18.80	18.85	18.93	20.50	
	1		74	18.93	18.67	18.98	20.50		
	36		0	18.90	18.94	19.46	20.50		
	36		18	19.10	18.73	19.06	20.50		
	36		39	18.89	18.88	19.14	20.50		



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	16QAM	75	0	18.83	19.16	18.98	20.50	
		1	0	18.78	18.75	19.19	20.50	
		1	38	18.86	18.77	19.23	20.50	
		1	74	19.19	19.00	19.44	20.50	
		36	0	18.61	18.77	19.20	20.50	
		36	18	18.81	18.91	19.24	20.50	
		36	39	18.90	19.05	19.20	20.50	
		75	0	18.70	18.88	19.07	20.50	
	64QAM	1	0	18.64	19.02	19.42	20.50	
		1	38	18.94	18.68	18.88	20.50	
		1	74	19.01	18.98	19.12	20.50	
		36	0	19.09	19.27	19.33	20.50	
		36	18	19.29	19.32	19.62	20.50	
		36	39	19.35	19.32	19.31	20.50	
		75	0	18.86	19.26	19.21	20.50	
		18700	18900	19100				
	20MHz	QPSK	1	0	18.98	18.66	19.06	20.50
			1	50	18.75	18.78	19.03	20.50
			1	99	18.83	18.70	18.99	20.50
			50	0	18.95	18.94	19.49	20.50
			50	25	19.02	18.70	19.06	20.50
			50	50	18.95	18.89	19.04	20.50
			100	0	18.79	19.14	19.03	20.50
			16QAM	1	0	18.68	18.70	19.22
		1		50	18.89	18.71	19.30	20.50
		1		99	19.12	18.96	19.34	20.50
		50		0	18.63	18.86	19.10	20.50
		50		25	18.91	18.90	19.22	20.50
50		50		18.81	18.96	19.29	20.50	
100		0		18.70	18.82	19.13	20.50	
64QAM		1		0	18.66	18.95	19.33	20.50
		1	50	18.92	18.74	18.79	20.50	
		1	99	18.94	19.08	19.21	20.50	
		50	0	19.11	19.17	19.42	20.50	
		50	25	19.21	19.25	19.55	20.50	
		50	50	19.25	19.32	19.41	20.50	
		100	0	18.89	19.22	19.25	20.50	

LTE Band 4 DSI 2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.64	22.61	22.64	24.20
		1	2	22.56	22.58	22.51	24.20
		1	5	22.59	22.63	22.69	24.20
		3	0	22.62	22.58	22.57	24.20
		3	2	22.73	22.73	22.76	24.20
		3	3	22.69	22.64	22.63	24.20
		6	0	21.68	21.72	21.65	23.20
		16QAM	1	0	21.64	21.64	21.65
	1		2	21.50	21.54	21.54	23.20
	1		5	21.73	21.76	21.77	23.20
	3		0	21.58	21.68	21.62	23.20
	3		2	21.58	21.63	21.61	23.20
	3		3	21.51	21.59	21.59	23.20
	6		0	20.64	20.61	20.65	22.20
	64QAM		1	0	20.65	20.71	20.70
		1	2	20.66	20.76	20.75	22.20
		1	5	20.58	20.72	20.60	22.20
		3	0	20.73	20.67	20.62	22.20
		3	2	20.55	20.66	20.62	22.20
		3	3	20.72	20.66	20.74	22.20
		6	0	19.59	19.60	19.54	21.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.74	22.64	22.62	24.20
		1	7	22.64	22.52	22.57	24.20
		1	14	22.58	22.60	22.60	24.20
		8	0	21.64	21.67	21.56	23.20
		8	4	21.72	21.73	21.76	23.20
		8	7	21.63	21.62	21.64	23.20
		15	0	21.67	21.74	21.71	23.20
	16QAM	1	0	21.67	21.65	21.69	23.20
		1	7	21.49	21.62	21.59	23.20
		1	14	21.73	21.74	21.78	23.20
		8	0	20.66	20.69	20.62	22.20
		8	4	20.62	20.67	20.62	22.20
		8	7	20.59	20.58	20.58	22.20
		15	0	20.63	20.68	20.63	22.20
	64QAM	1	0	20.65	20.70	20.77	22.20
		1	7	20.71	20.69	20.70	22.20
		1	14	20.68	20.65	20.65	22.20
		8	0	19.77	19.68	19.60	21.20
		8	4	19.58	19.62	19.65	21.20
		8	7	19.62	19.74	19.79	21.20
		15	0	19.51	19.58	19.59	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	22.64	22.63	22.61	24.20
		1	13	22.60	22.55	22.55	24.20
		1	24	22.60	22.61	22.64	24.20
		12	0	21.65	21.66	21.64	23.20
		12	6	21.71	21.72	21.71	23.20
		12	13	21.66	21.64	21.60	23.20
		25	0	21.61	21.67	21.73	23.20
	16QAM	1	0	21.66	21.60	21.69	23.20
		1	13	21.50	21.60	21.50	23.20
		1	24	21.78	21.68	21.81	23.20
		12	0	20.63	20.66	20.61	22.20
		12	6	20.56	20.65	20.63	22.20
		12	13	20.53	20.56	20.55	22.20
		25	0	20.60	20.68	20.63	22.20
	64QAM	1	0	20.66	20.74	20.75	22.20
		1	13	20.67	20.78	20.70	22.20
		1	24	20.59	20.70	20.66	22.20
		12	0	19.76	19.68	19.62	21.20
		12	6	19.62	19.61	19.66	21.20
		12	13	19.68	19.67	19.73	21.20
		25	0	19.55	19.55	19.52	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.66	22.63	22.67	24.20
		1	25	22.58	22.56	22.50	24.20
		1	49	22.62	22.58	22.62	24.20
		25	0	21.67	21.63	21.65	23.20
		25	13	21.67	21.66	21.75	23.20
		25	25	21.70	21.69	21.60	23.20
		50	0	21.61	21.64	21.65	23.20
	16QAM	1	0	21.62	21.63	21.69	23.20
		1	25	21.58	21.61	21.54	23.20
		1	49	21.71	21.77	21.77	23.20
		25	0	20.61	20.65	20.66	22.20
		25	13	20.63	20.69	20.61	22.20
		25	25	20.56	20.54	20.56	22.20
		50	0	20.58	20.68	20.68	22.20
	64QAM	1	0	20.71	20.70	20.76	22.20
		1	25	20.66	20.74	20.69	22.20
		1	49	20.64	20.69	20.59	22.20
		25	0	19.75	19.73	19.70	21.20
		25	13	19.63	19.65	19.61	21.20
		25	25	19.63	19.65	19.61	21.20
		25	49	19.63	19.65	19.61	21.20

Bandwidth	Modulation	25	25	19.66	19.72	19.78	21.20	
		50	0	19.52	19.54	19.59	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	QPSK	1	0	22.73	22.62	22.57	24.20	
		1	38	22.64	22.54	22.51	24.20	
		1	74	22.55	22.61	22.63	24.20	
		36	0	21.65	21.68	21.62	23.20	
		36	18	21.71	21.67	21.76	23.20	
		36	39	21.71	21.62	21.62	23.20	
	16QAM	75	0	21.66	21.66	21.72	23.20	
		1	0	21.61	21.65	21.68	23.20	
		1	38	21.49	21.63	21.56	23.20	
		1	74	21.75	21.68	21.81	23.20	
		36	0	20.66	20.69	20.67	22.20	
		36	18	20.62	20.60	20.59	22.20	
	64QAM	36	39	20.51	20.61	20.52	22.20	
		75	0	20.60	20.68	20.71	22.20	
		1	0	20.72	20.71	20.76	22.20	
		1	38	20.74	20.73	20.78	22.20	
		1	74	20.61	20.68	20.61	22.20	
		36	0	19.72	19.71	19.65	21.20	
	20MHz	QPSK	36	18	19.57	19.64	19.69	21.20
			36	39	19.64	19.67	19.72	21.20
			75	0	19.59	19.54	19.54	21.20
1			0	22.69	22.65	22.62	24.20	
1			50	22.59	22.55	22.55	24.20	
1			99	22.58	22.62	22.65	24.20	
16QAM		50	0	21.65	21.63	21.60	23.20	
		50	25	21.71	21.71	21.76	23.20	
		50	50	21.68	21.64	21.59	23.20	
		100	0	21.64	21.69	21.70	23.20	
		1	0	21.63	21.64	21.66	23.20	
		1	50	21.54	21.59	21.55	23.20	
64QAM		1	99	21.74	21.73	21.78	23.20	
		50	0	20.62	20.65	20.63	22.20	
		50	25	20.61	20.64	20.62	22.20	
		50	50	20.54	20.59	20.56	22.20	
		100	0	20.61	20.66	20.68	22.20	
		1	0	20.70	20.75	20.74	22.20	
64QAM		1	50	20.70	20.74	20.73	22.20	
		1	99	20.63	20.67	20.62	22.20	
		50	0	19.74	19.69	19.65	21.20	
	50	25	19.60	19.64	19.66	21.20		
	50	50	19.67	19.71	19.74	21.20		
	100	0	19.55	19.59	19.56	21.20		

LTE Band 4 DSI 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.68	21.67	21.67	23.20
		1	2	21.58	21.58	21.47	23.20
		1	5	21.65	21.56	21.66	23.20
		3	0	21.65	21.62	21.62	23.20
		3	2	21.80	21.77	21.82	23.20
		3	3	21.76	21.62	21.55	23.20
	16QAM	6	0	21.68	21.72	21.65	23.20
		1	0	21.64	21.64	21.65	23.20
		1	2	21.50	21.54	21.54	23.20
		1	5	21.73	21.76	21.77	23.20
		3	0	21.58	21.68	21.62	23.20
		3	2	21.58	21.63	21.61	23.20
	64QAM	3	3	21.51	21.59	21.59	23.20
		6	0	20.64	20.61	20.65	22.20
		1	0	20.65	20.71	20.70	22.20
		1	2	20.66	20.76	20.75	22.20
		1	5	20.58	20.72	20.60	22.20
		3	0	20.73	20.67	20.62	22.20
3MHz	QPSK	3	2	20.55	20.66	20.62	22.20
		3	3	20.72	20.66	20.74	22.20
		6	0	19.59	19.60	19.54	21.20
		1	0	21.72	21.62	21.61	23.20
		1	7	21.72	21.44	21.51	23.20
		1	14	21.53	21.61	21.61	23.20
1.4MHz	QPSK	8	0	21.64	21.67	21.56	23.20
		8	4	21.72	21.73	21.76	23.20
		8	7	21.63	21.62	21.64	23.20
		15	0	21.67	21.74	21.71	23.20
		1	0	21.67	21.65	21.69	23.20
		1	7	21.49	21.62	21.59	23.20
	16QAM	1	14	21.73	21.74	21.78	23.20
		8	0	20.66	20.69	20.62	22.20
		8	4	20.62	20.67	20.62	22.20
		8	7	20.59	20.58	20.58	22.20
		15	0	20.63	20.68	20.63	22.20
		1	0	20.65	20.70	20.77	22.20
64QAM	1	7	20.71	20.69	20.70	22.20	
	1	14	20.68	20.65	20.65	22.20	
	8	0	19.77	19.68	19.60	21.20	
	8	4	19.58	19.62	19.65	21.20	
	8	7	19.62	19.74	19.79	21.20	
	15	0	19.51	19.58	19.59	21.20	
5MHz	QPSK	1	0	21.66	21.56	21.65	23.20
		1	13	21.52	21.61	21.56	23.20
		1	24	21.54	21.69	21.67	23.20
		12	0	21.65	21.66	21.64	23.20
		12	6	21.71	21.72	21.71	23.20
		12	13	21.66	21.64	21.60	23.20
	16QAM	25	0	21.61	21.67	21.73	23.20
		1	0	21.66	21.60	21.69	23.20
		1	13	21.50	21.60	21.50	23.20
		1	24	21.78	21.68	21.81	23.20
		12	0	20.63	20.66	20.61	22.20
		12	6	20.56	20.65	20.63	22.20
	64QAM	12	13	20.53	20.56	20.55	22.20
		25	0	20.60	20.68	20.63	22.20
		1	0	20.66	20.74	20.75	22.20
		1	13	20.67	20.78	20.70	22.20

		1	24	20.59	20.70	20.66	22.20					
		12	0	19.76	19.68	19.62	21.20					
		12	6	19.62	19.61	19.66	21.20					
		12	13	19.68	19.67	19.73	21.20					
		25	0	19.55	19.55	19.52	21.20					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up					
				20000	20175	20350						
10MHz	QPSK	1	0	21.69	21.62	21.64	23.20					
		1	25	21.58	21.54	21.52	23.20					
		1	49	21.61	21.50	21.61	23.20					
		25	0	21.67	21.63	21.65	23.20					
		25	13	21.67	21.66	21.75	23.20					
		25	25	21.70	21.69	21.60	23.20					
	16QAM	50	0	21.61	21.64	21.65	23.20					
		1	0	21.62	21.63	21.69	23.20					
		1	25	21.58	21.61	21.54	23.20					
		1	49	21.71	21.77	21.77	23.20					
		25	0	20.61	20.65	20.66	22.20					
		25	13	20.63	20.69	20.61	22.20					
	64QAM	25	25	20.56	20.54	20.56	22.20					
		50	0	20.58	20.68	20.68	22.20					
		1	0	20.71	20.70	20.76	22.20					
		1	25	20.66	20.74	20.69	22.20					
		1	49	20.64	20.69	20.59	22.20					
		25	0	19.75	19.73	19.70	21.20					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up					
				20025	20175	20325						
				15MHz	QPSK	1		0	21.79	21.65	21.49	23.20
						1		38	21.69	21.60	21.56	23.20
						1		74	21.57	21.67	21.66	23.20
						36		0	21.65	21.68	21.62	23.20
36	18	21.71	21.67			21.76	23.20					
36	39	21.71	21.62			21.62	23.20					
16QAM	75	0	21.66	21.66	21.72	23.20						
	1	0	21.61	21.65	21.68	23.20						
	1	38	21.49	21.63	21.56	23.20						
	1	74	21.75	21.68	21.81	23.20						
	36	0	20.66	20.69	20.67	22.20						
	36	18	20.62	20.60	20.59	22.20						
64QAM	36	39	20.51	20.61	20.52	22.20						
	75	0	20.60	20.68	20.71	22.20						
	1	0	20.72	20.71	20.76	22.20						
	1	38	20.74	20.73	20.78	22.20						
	1	74	20.61	20.68	20.61	22.20						
	36	0	19.72	19.71	19.65	21.20						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up					
				20050	20175	20300						
				20MHz	QPSK	1		0	21.71	21.73	21.70	23.20
						1		50	21.62	21.62	21.51	23.20
						1		99	21.62	21.69	21.60	23.20
						50		0	21.65	21.63	21.60	23.20
50	25	21.71	21.71			21.76	23.20					
50	50	21.68	21.64			21.59	23.20					
16QAM	100	0	21.64	21.69	21.70	23.20						
	1	0	21.63	21.64	21.66	23.20						
	1	50	21.54	21.59	21.55	23.20						
	1	99	21.74	21.73	21.78	23.20						
	50	0	20.62	20.65	20.63	22.20						
	50	25	20.61	20.64	20.62	22.20						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up					
								50	50	20.54	20.59	20.56
		100	0	20.61	20.66	20.68	22.20					

64QAM	1	0	20.70	20.75	20.74	22.20
	1	50	20.70	20.74	20.73	22.20
	1	99	20.63	20.67	20.62	22.20
	50	0	19.74	19.69	19.65	21.20
	50	25	19.60	19.64	19.66	21.20
	50	50	19.67	19.71	19.74	21.20
	100	0	19.55	19.59	19.56	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	20.17	20.25	20.18	21.70		
		1	2	20.14	20.12	19.95	21.70		
		1	5	20.12	20.00	20.18	21.70		
		3	0	20.21	20.11	20.10	21.70		
		3	2	20.23	20.31	20.25	21.70		
		3	3	20.24	20.12	20.04	21.70		
	16QAM	6	0	20.13	20.14	20.21	21.70		
		1	0	20.22	20.13	20.15	21.70		
		1	2	19.95	20.09	20.11	21.70		
		1	5	20.16	20.18	20.22	21.70		
		3	0	20.13	20.23	20.07	21.70		
		3	2	20.08	20.10	20.18	21.70		
	64QAM	3	3	19.95	20.16	20.07	21.70		
		6	0	20.15	20.19	20.34	21.70		
		1	0	20.11	20.12	20.07	21.70		
		1	2	20.05	20.08	20.19	21.70		
		1	5	20.12	20.18	20.16	21.70		
		3	0	20.11	20.07	20.15	21.70		
3MHz	QPSK	3	2	20.13	20.15	20.03	21.70		
		3	3	20.07	20.21	20.15	21.70		
		6	0	19.59	19.60	19.54	21.20		
		1	0	20.21	20.33	20.17	21.70		
		1	7	20.10	20.08	19.95	21.70		
		1	14	20.20	20.06	20.10	21.70		
	16QAM	8	0	20.20	20.12	20.08	21.70		
		8	4	20.21	20.30	20.30	21.70		
		8	7	20.24	20.09	20.11	21.70		
		15	0	20.13	20.14	20.21	21.70		
		1	0	20.14	20.07	20.07	21.70		
		1	7	19.94	20.16	20.11	21.70		
	64QAM	1	14	20.21	20.13	20.26	21.70		
		8	0	20.20	20.28	20.08	21.70		
		8	4	20.04	20.08	20.17	21.70		
		8	7	19.95	20.11	20.03	21.70		
		15	0	20.09	20.20	20.27	21.70		
		1	0	20.04	20.04	20.10	21.70		
5MHz	QPSK	1	7	20.03	20.15	20.19	21.70		
		1	14	20.11	20.25	20.17	21.70		
		8	0	19.77	19.68	19.60	21.20		
		8	4	19.58	19.62	19.65	21.20		
		8	7	19.62	19.74	19.79	21.20		
		15	0	19.51	19.58	19.59	21.20		
5MHz	QPSK	1	0	20.19	20.26	20.11	21.70		
		1	13	20.09	20.08	19.88	21.70		
		1	24	20.22	19.99	20.11	21.70		
		12	0	20.27	20.04	20.14	21.70		
		12	6	20.13	20.36	20.35	21.70		
		12	13	20.18	20.04	20.14	21.70		
		25	0	20.20	20.07	20.17	21.70		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						19975	20175	20375	