

Bandwidth	Modulation	15	0	20.16	20.02	20.16	21.50
		RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	22.94	22.61	22.85	24.50
		1	13	23.26	22.88	23.27	24.50
		1	24	22.87	22.80	22.81	24.50
		12	0	22.06	21.69	22.03	23.50
		12	6	22.21	22.21	22.28	23.50
		12	13	22.18	22.32	22.13	23.50
		25	0	22.35	22.10	22.16	23.50
	16QAM	1	0	21.94	22.67	22.13	23.50
		1	13	22.42	22.55	22.38	23.50
		1	24	22.35	22.48	22.40	23.50
		12	0	21.09	21.05	21.21	22.50
		12	6	21.28	21.26	21.31	22.50
		12	13	21.27	21.29	21.12	22.50
		25	0	21.08	21.03	21.32	22.50
	64QAM	1	0	21.54	21.11	21.12	22.50
		1	13	20.85	20.91	21.09	22.50
		1	24	20.86	21.20	21.50	22.50
		12	0	19.97	20.14	20.14	21.50
		12	6	20.29	20.20	20.28	21.50
		12	13	20.28	20.19	20.18	21.50
		25	0	20.14	20.02	20.26	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.00	22.76	22.88	24.50
		1	25	23.23	22.97	23.27	24.50
		1	49	22.98	22.77	22.91	24.50
		25	0	22.03	21.77	21.97	23.50
		25	13	22.36	22.20	22.25	23.50
		25	25	22.10	22.18	22.20	23.50
		50	0	22.24	22.22	22.12	23.50
	16QAM	1	0	22.07	22.59	22.15	23.50
		1	25	22.31	22.44	22.39	23.50
		1	49	22.21	22.48	22.27	23.50
		25	0	20.95	21.08	21.20	22.50
		25	13	21.37	21.20	21.33	22.50
		25	25	21.18	21.34	21.30	22.50
		50	0	21.12	20.96	21.25	22.50
	64QAM	1	0	21.42	21.20	21.14	22.50
		1	25	20.95	20.82	21.17	22.50
		1	49	20.96	21.16	21.39	22.50
		25	0	20.09	20.27	20.08	21.50
		25	13	20.31	20.15	20.18	21.50
		25	25	20.22	20.25	20.16	21.50
		50	0	20.07	19.97	20.12	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.05	22.59	22.97	24.50
		1	38	23.24	22.95	23.35	24.50
		1	74	23.01	22.88	22.81	24.50
		36	0	21.90	21.77	22.06	23.50
		36	18	22.26	22.33	22.28	23.50
		36	39	22.27	22.24	22.08	23.50
		75	0	22.32	22.17	22.15	23.50
	16QAM	1	0	21.96	22.60	22.14	23.50
		1	38	22.23	22.49	22.34	23.50
		1	74	22.18	22.59	22.27	23.50
		36	0	20.93	21.08	21.10	22.50
		36	18	21.30	21.30	21.28	22.50
		36	39	21.31	21.29	21.18	22.50
		75	0	21.11	21.05	21.15	22.50
	64QAM	1	0	21.45	21.09	21.28	22.50
		1	38	20.95	20.93	21.13	22.50
		1	74	20.96	21.18	21.40	22.50
		36	0	19.98	20.07	20.08	21.50
		36	18	20.31	20.21	20.16	21.50
		36	39	20.18	20.29	20.31	21.50
		75	0	20.09	19.99	20.10	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	22.96	22.69	22.87	24.50
		1	50	23.20	22.89	23.30	24.50
		1	99	22.96	22.86	22.91	24.50
		50	0	21.97	21.78	22.05	23.50
		50	25	22.26	22.26	22.19	23.50
		50	50	22.20	22.26	22.13	23.50
		100	0	22.27	22.18	22.12	23.50
	16QAM	1	0	22.02	22.64	22.08	23.50
		1	50	22.32	22.47	22.31	23.50
		1	99	22.28	22.53	22.32	23.50
		50	0	21.03	21.06	21.18	22.50
		50	25	21.29	21.25	21.25	22.50
		50	50	21.27	21.25	21.21	22.50
		100	0	21.12	21.06	21.22	22.50
	64QAM	1	0	21.44	21.17	21.19	22.50
		1	50	20.94	20.92	21.17	22.50
		1	99	20.90	21.21	21.40	22.50
		50	0	20.04	20.17	20.12	21.50
		50	25	20.23	20.25	20.26	21.50
		50	50	20.26	20.25	20.24	21.50
		100	0	20.15	20.07	20.18	21.50

LTE Band 4 DSI4/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.37	20.29	20.54	22.00
		1	2	20.38	20.54	20.90	22.00
		1	5	20.47	20.57	20.78	22.00
		3	0	20.52	20.41	20.47	22.00
		3	2	20.50	20.54	20.57	22.00
		3	3	20.56	20.57	20.61	22.00
		6	0	20.48	20.65	20.29	22.00
	16QAM	1	0	20.72	20.86	20.96	22.00
		1	2	20.41	20.56	20.35	22.00
		1	5	20.47	20.64	20.73	22.00
		3	0	20.54	20.36	20.46	22.00
		3	2	20.71	20.47	20.43	22.00
		3	3	20.44	20.77	20.58	22.00
		6	0	20.57	20.26	20.24	22.00
	64QAM	1	0	20.43	20.27	20.63	22.00
		1	2	20.44	20.58	20.37	22.00
		1	5	20.48	20.58	20.81	22.00
		3	0	20.47	20.57	20.71	22.00
		3	2	20.50	20.48	20.80	22.00
		3	3	20.59	20.55	20.77	22.00
		6	0	20.02	20.04	19.99	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.38	20.38	20.53	22.00
		1	7	20.55	20.61	20.91	22.00
		1	14	20.52	20.65	20.91	22.00
		8	0	20.51	20.59	20.47	22.00
		8	4	20.61	20.56	20.50	22.00
		8	7	20.64	20.59	20.54	22.00
		15	0	20.52	20.45	20.36	22.00
	16QAM	1	0	20.54	20.84	20.93	22.00
		1	7	20.57	20.56	20.33	22.00
		1	14	20.67	20.74	20.70	22.00
		8	0	20.56	20.39	20.52	22.00
		8	4	20.44	20.41	20.37	22.00
		8	7	20.43	20.67	20.54	22.00
		15	0	20.61	20.16	20.39	22.00
	64QAM	1	0	20.27	20.26	20.64	22.00
		1	7	20.40	20.51	20.29	22.00
		1	14	20.44	20.65	20.78	22.00
		8	0	19.95	20.15	20.08	21.50
		8	4	20.03	20.06	20.20	21.50
		8	7	20.14	20.20	20.17	21.50

Bandwidth	Modulation	15	0	20.14	20.19	20.02	21.50
		RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	20.31	20.38	20.46	22.00
		1	13	20.48	20.58	20.92	22.00
		1	24	20.52	20.58	20.72	22.00
		12	0	20.48	20.52	20.45	22.00
		12	6	20.59	20.51	20.60	22.00
		12	13	20.53	20.62	20.68	22.00
		25	0	20.55	20.51	20.47	22.00
	16QAM	1	0	20.61	20.85	20.99	22.00
		1	13	20.46	20.63	20.34	22.00
		1	24	20.73	20.86	20.68	22.00
		12	0	20.41	20.31	20.36	22.00
		12	6	20.61	20.36	20.32	22.00
		12	13	20.40	20.64	20.58	22.00
		25	0	20.69	20.28	20.25	22.00
	64QAM	1	0	20.35	20.23	20.69	22.00
		1	13	20.60	20.53	20.29	22.00
		1	24	20.54	20.59	20.63	22.00
		12	0	19.89	20.12	20.01	21.50
		12	6	20.19	19.89	20.21	21.50
		12	13	20.28	20.34	20.08	21.50
		25	0	20.13	20.17	19.92	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.42	20.39	20.47	22.00
		1	25	20.57	20.51	21.00	22.00
		1	49	20.59	20.46	20.74	22.00
		25	0	20.47	20.42	20.52	22.00
		25	13	20.59	20.49	20.63	22.00
		25	25	20.51	20.62	20.61	22.00
		50	0	20.54	20.45	20.50	22.00
	16QAM	1	0	20.71	20.76	21.11	22.00
		1	25	20.60	20.54	20.45	22.00
		1	49	20.69	20.71	20.61	22.00
		25	0	20.51	20.40	20.46	22.00
		25	13	20.51	20.39	20.30	22.00
		25	25	20.45	20.75	20.65	22.00
		50	0	20.62	20.18	20.34	22.00
	64QAM	1	0	20.35	20.25	20.66	22.00
		1	25	20.48	20.65	20.29	22.00
		1	49	20.48	20.50	20.75	22.00
		25	0	19.99	20.06	20.05	21.50
		25	13	20.16	20.08	20.17	21.50
		25	25	20.24	20.22	20.20	21.50
		50	0	20.14	20.17	19.96	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.50	20.45	20.50	22.00
		1	38	20.58	20.49	20.97	22.00
		1	74	20.46	20.49	20.77	22.00
		36	0	20.41	20.60	20.51	22.00
		36	18	20.45	20.60	20.56	22.00
		36	39	20.55	20.50	20.54	22.00
		75	0	20.47	20.43	20.50	22.00
	16QAM	1	0	20.69	20.87	21.11	22.00
		1	38	20.52	20.47	20.44	22.00
		1	74	20.74	20.74	20.77	22.00
		36	0	20.48	20.41	20.39	22.00
		36	18	20.56	20.30	20.38	22.00
		36	39	20.52	20.69	20.52	22.00
		75	0	20.57	20.18	20.35	22.00
	64QAM	1	0	20.38	20.30	20.75	22.00
		1	38	20.56	20.55	20.41	22.00
		1	74	20.35	20.46	20.68	22.00
		36	0	19.91	20.00	20.20	21.50
		36	18	20.14	20.06	20.26	21.50
		36	39	20.29	20.16	20.16	21.50
		75	0	20.17	20.25	20.03	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20.40	20.37	20.45	22.00
		1	50	20.54	20.55	20.92	22.00
		1	99	20.56	20.56	20.82	22.00
		50	0	20.45	20.51	20.43	22.00
		50	25	20.51	20.53	20.57	22.00
		50	50	20.60	20.59	20.59	22.00
		100	0	20.57	20.51	20.44	22.00
	16QAM	1	0	20.62	20.85	21.01	22.00
		1	50	20.53	20.56	20.37	22.00
		1	99	20.66	20.79	20.68	22.00
		50	0	20.47	20.32	20.42	22.00
		50	25	20.54	20.38	20.39	22.00
		50	50	20.45	20.66	20.59	22.00
		100	0	20.60	20.25	20.35	22.00
	64QAM	1	0	20.37	20.23	20.72	22.00
		1	50	20.50	20.58	20.34	22.00
		1	99	20.44	20.56	20.72	22.00
		50	0	19.95	20.05	20.10	21.50
		50	25	20.11	19.98	20.17	21.50
		50	50	20.23	20.24	20.18	21.50
		100	0	20.07	20.17	20.00	21.50

LTE Band 4 DSI5/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	19.36	19.57	19.62	21.00	
		1	2	19.43	19.49	19.40	21.00	
		1	5	19.55	19.57	19.89	21.00	
		3	0	19.47	19.51	19.45	21.00	
		3	2	19.53	19.58	19.56	21.00	
		3	3	19.68	19.72	19.51	21.00	
	16QAM	6	0	19.48	19.44	19.60	21.00	
		1	0	19.73	19.92	19.83	21.00	
		1	2	19.62	19.79	19.77	21.00	
		1	5	19.94	19.68	19.91	21.00	
		3	0	19.12	19.42	19.46	21.00	
		3	2	19.71	19.54	19.61	21.00	
	64QAM	3	3	19.65	19.61	19.48	21.00	
		6	0	19.57	19.55	19.61	21.00	
		1	0	19.46	19.45	19.55	21.00	
		1	2	19.33	19.45	19.49	21.00	
		1	5	19.43	19.63	19.56	21.00	
		3	0	19.35	19.33	19.45	21.00	
	3MHz	QPSK	3	2	19.43	19.47	19.56	21.00
			3	3	19.52	19.51	19.60	21.00
			6	0	19.43	19.47	19.40	21.00
1			0	19.38	19.60	19.45	21.00	
1			7	19.34	19.54	19.36	21.00	
1			14	19.36	19.70	20.07	21.00	
8			0	19.52	19.56	19.43	21.00	
16QAM		8	4	19.57	19.42	19.66	21.00	
		8	7	19.61	19.55	19.57	21.00	
		15	0	19.66	19.41	19.53	21.00	
		1	0	19.64	19.90	19.76	21.00	
		1	7	19.64	19.82	19.80	21.00	
		1	14	19.93	19.75	19.93	21.00	
		8	0	19.17	19.58	19.30	21.00	
64QAM		8	4	19.69	19.57	19.58	21.00	
	8	7	19.67	19.69	19.62	21.00		
	15	0	19.57	19.52	19.63	21.00		
	1	0	19.47	19.53	19.48	21.00		
	1	7	19.34	19.40	19.53	21.00		
	1	14	19.54	19.54	19.47	21.00		
		8	0	19.35	19.32	19.43	21.00	
		8	4	19.42	19.43	19.68	21.00	
		8	7	19.64	19.60	19.63	21.00	

Bandwidth	Modulation	15	0	19.49	19.50	19.49	21.00
		RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	19.38	19.53	19.45	21.00
		1	13	19.44	19.58	19.44	21.00
		1	24	19.39	19.66	20.03	21.00
		12	0	19.63	19.47	19.39	21.00
		12	6	19.55	19.44	19.71	21.00
		12	13	19.68	19.68	19.52	21.00
		25	0	19.63	19.52	19.60	21.00
	16QAM	1	0	19.61	19.89	19.83	21.00
		1	13	19.60	19.76	19.74	21.00
		1	24	19.98	19.71	19.88	21.00
		12	0	19.09	19.41	19.38	21.00
		12	6	19.59	19.49	19.60	21.00
		12	13	19.56	19.70	19.53	21.00
		25	0	19.61	19.51	19.57	21.00
	64QAM	1	0	19.39	19.50	19.61	21.00
		1	13	19.18	19.51	19.63	21.00
		1	24	19.40	19.72	19.61	21.00
		12	0	19.38	19.27	19.57	21.00
		12	6	19.50	19.47	19.58	21.00
		12	13	19.63	19.49	19.67	21.00
		25	0	19.50	19.53	19.46	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	19.24	19.55	19.47	21.00
		1	25	19.48	19.62	19.43	21.00
		1	49	19.53	19.70	19.91	21.00
		25	0	19.45	19.40	19.32	21.00
		25	13	19.49	19.61	19.65	21.00
		25	25	19.54	19.60	19.58	21.00
		50	0	19.65	19.43	19.59	21.00
	16QAM	1	0	19.70	19.84	19.78	21.00
		1	25	19.62	19.78	19.84	21.00
		1	49	19.92	19.64	19.82	21.00
		25	0	19.23	19.61	19.29	21.00
		25	13	19.66	19.45	19.56	21.00
		25	25	19.62	19.56	19.59	21.00
		50	0	19.51	19.62	19.65	21.00
	64QAM	1	0	19.40	19.53	19.62	21.00
		1	25	19.18	19.40	19.50	21.00
		1	49	19.35	19.59	19.51	21.00
		25	0	19.31	19.24	19.48	21.00
		25	13	19.42	19.48	19.61	21.00
		25	25	19.47	19.61	19.57	21.00
		50	0	19.43	19.57	19.50	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.44	19.62	19.57	21.00
		1	38	19.49	19.52	19.36	21.00
		1	74	19.40	19.58	19.89	21.00
		36	0	19.44	19.40	19.31	21.00
		36	18	19.56	19.61	19.71	21.00
		36	39	19.53	19.54	19.70	21.00
		75	0	19.46	19.57	19.57	21.00
	16QAM	1	0	19.54	19.77	19.78	21.00
		1	38	19.65	19.75	19.66	21.00
		1	74	19.96	19.70	19.82	21.00
		36	0	19.14	19.42	19.29	21.00
		36	18	19.59	19.52	19.63	21.00
		36	39	19.68	19.67	19.53	21.00
		75	0	19.61	19.50	19.62	21.00
	64QAM	1	0	19.37	19.40	19.55	21.00
		1	38	19.34	19.32	19.47	21.00
		1	74	19.50	19.74	19.49	21.00
		36	0	19.30	19.33	19.58	21.00
		36	18	19.38	19.33	19.49	21.00
		36	39	19.51	19.57	19.61	21.00
		75	0	19.58	19.57	19.41	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	19.34	19.56	19.52	21.00
		1	50	19.39	19.55	19.43	21.00
		1	99	19.45	19.61	19.99	21.00
		50	0	19.53	19.48	19.40	21.00
		50	25	19.59	19.52	19.66	21.00
		50	50	19.59	19.62	19.60	21.00
		100	0	19.56	19.50	19.52	21.00
	16QAM	1	0	19.64	19.84	19.81	21.00
		1	50	19.61	19.84	19.75	21.00
		1	99	19.97	19.67	19.87	21.00
		50	0	19.17	19.51	19.36	21.00
		50	25	19.63	19.55	19.58	21.00
		50	50	19.64	19.65	19.53	21.00
		100	0	19.59	19.59	19.55	21.00
	64QAM	1	0	19.44	19.48	19.56	21.00
		1	50	19.25	19.41	19.57	21.00
		1	99	19.44	19.64	19.57	21.00
		50	0	19.31	19.29	19.53	21.00
		50	25	19.46	19.43	19.58	21.00
		50	50	19.54	19.54	19.66	21.00
		100	0	19.53	19.50	19.47	21.00

LTE Band 7 DSI2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.91	23.54	22.86	24.30
		1	13	23.04	23.60	23.10	24.30
		1	24	22.86	22.91	23.23	24.30
		12	0	22.12	22.08	22.29	23.30
		12	6	22.32	22.18	22.36	23.30
		12	13	22.35	22.10	22.13	23.30
		25	0	22.35	22.03	22.37	23.30
	16QAM	1	0	22.19	22.33	22.32	23.30
		1	13	22.21	22.57	22.46	23.30
		1	24	21.82	22.64	22.47	23.30
		12	0	21.17	21.21	21.08	22.30
		12	6	21.21	21.17	21.30	22.30
		12	13	21.33	21.17	21.46	22.30
		25	0	21.26	21.36	21.18	22.30
	64QAM	1	0	21.92	22.06	21.77	22.30
		1	13	22.05	21.61	22.07	22.30
		1	24	21.87	21.91	21.50	22.30
		12	0	20.88	21.06	20.99	21.30
		12	6	21.00	21.01	21.21	21.30
		12	13	21.15	21.00	21.09	21.30
		25	0	21.06	20.97	21.10	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.00	23.63	22.92	24.30
		1	25	23.21	23.60	23.03	24.30
		1	49	22.82	22.83	23.27	24.30
		25	0	22.16	22.01	22.25	23.30
		25	13	22.25	22.24	22.31	23.30
		25	25	22.35	22.02	22.28	23.30
		50	0	22.33	22.07	22.37	23.30
	16QAM	1	0	22.33	22.39	22.23	23.30
		1	25	22.16	22.66	22.39	23.30
		1	49	21.79	22.69	22.43	23.30
		25	0	21.15	21.25	21.21	22.30
		25	13	21.17	21.26	21.22	22.30
		25	25	21.20	21.31	21.42	22.30
		50	0	21.27	21.23	21.20	22.30
	64QAM	1	0	21.82	22.07	21.76	22.30
		1	25	21.89	21.65	22.07	22.30
		1	49	21.78	21.92	21.42	22.30
		25	0	20.77	21.06	20.98	21.30
		25	13	21.09	21.13	21.21	21.30
		25	25	21.12	21.11	21.08	21.30

Bandwidth	Modulation	50	0	20.91	21.09	21.11	21.30
		RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	22.93	23.54	22.96	24.30
		1	38	23.14	23.54	23.13	24.30
		1	74	22.81	22.82	23.24	24.30
		36	0	22.17	22.20	22.25	23.30
		36	18	22.19	22.13	22.26	23.30
		36	39	22.33	22.06	22.26	23.30
		75	0	22.32	21.97	22.30	23.30
	16QAM	1	0	22.24	22.39	22.18	23.30
		1	38	22.11	22.48	22.30	23.30
		1	74	21.72	22.66	22.52	23.30
		36	0	21.00	21.25	21.09	22.30
		36	18	21.27	21.17	21.22	22.30
		36	39	21.34	21.19	21.31	22.30
		75	0	21.23	21.25	21.14	22.30
	64QAM	1	0	21.90	22.03	21.79	22.30
		1	38	21.92	21.58	22.09	22.30
		1	74	21.78	21.95	21.38	22.30
		36	0	20.88	21.10	20.95	21.30
		36	18	21.19	21.02	21.25	21.30
		36	39	21.08	21.07	20.92	21.30
		75	0	21.08	21.03	21.17	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.90	23.54	22.90	24.30
		1	50	23.13	23.51	23.08	24.30
		1	99	22.80	22.91	23.23	24.30
		50	0	22.12	22.10	22.31	23.30
		50	25	22.25	22.20	22.28	23.30
		50	50	22.27	22.11	22.22	23.30
		100	0	22.28	22.03	22.30	23.30
	16QAM	1	0	22.29	22.42	22.24	23.30
		1	50	22.21	22.58	22.40	23.30
		1	99	21.82	22.62	22.52	23.30
		50	0	21.09	21.31	21.13	22.30
		50	25	21.25	21.27	21.30	22.30
		50	50	21.27	21.27	21.38	22.30
		100	0	21.25	21.30	21.24	22.30
	64QAM	1	0	21.86	22.12	21.69	22.30
		1	50	21.98	21.63	22.05	22.30
		1	99	21.79	21.94	21.45	22.30
		50	0	20.87	21.00	21.04	21.30
		50	25	21.10	21.08	21.16	21.30
		50	50	21.07	21.03	21.02	21.30
		100	0	20.99	21.03	21.10	21.30

LTE Band 7 DSI4/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.23	20.82	21.04	21.80
		1	13	20.76	21.17	20.46	21.80
		1	24	20.53	20.75	20.61	21.80
		12	0	20.46	20.61	20.85	21.80
		12	6	20.61	20.91	20.92	21.80
		12	13	20.50	20.76	20.66	21.80
		25	0	20.75	20.84	20.72	21.80
	16QAM	1	0	20.62	20.58	20.86	21.80
		1	13	20.88	21.07	21.14	21.80
		1	24	20.50	20.90	21.01	21.80
		12	0	20.61	20.75	20.85	21.80
		12	6	20.70	20.66	20.88	21.80
		12	13	20.79	20.74	20.85	21.80
		25	0	20.85	20.94	20.66	21.80
	64QAM	1	0	20.52	20.85	20.80	21.80
		1	13	20.70	20.73	20.88	21.80
		1	24	20.59	20.67	20.85	21.80
		12	0	20.27	20.24	20.45	21.30
		12	6	20.26	20.13	20.50	21.30
		12	13	20.35	20.43	20.23	21.30
		25	0	20.13	20.16	20.40	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	21.11	20.95	21.24	21.80
		1	25	20.88	21.07	20.66	21.80
		1	49	20.50	20.74	20.56	21.80
		25	0	20.47	20.79	20.76	21.80
		25	13	20.60	20.87	20.88	21.80
		25	25	20.60	20.89	20.87	21.80
		50	0	20.81	20.60	20.91	21.80
	16QAM	1	0	20.45	20.78	20.76	21.80
		1	25	21.03	21.27	20.90	21.80
		1	49	20.43	20.76	20.99	21.80
		25	0	20.49	20.79	20.68	21.80
		25	13	20.72	20.78	20.86	21.80
		25	25	20.63	20.67	20.68	21.80
		50	0	20.72	20.94	20.78	21.80
	64QAM	1	0	20.69	21.09	20.81	21.80
		1	25	20.70	20.84	21.01	21.80
		1	49	20.40	20.60	20.76	21.80
		25	0	20.12	20.21	20.37	21.30
		25	13	20.39	20.20	20.43	21.30

Bandwidth	Modulation	25	25	20.32	20.22	20.17	21.30
		50	0	20.23	20.18	20.51	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.07	20.95	21.27	21.80
		1	38	20.67	21.10	20.61	21.80
		1	74	20.52	20.54	20.57	21.80
		36	0	20.60	20.62	20.86	21.80
		36	18	20.71	20.84	20.87	21.80
		36	39	20.51	20.76	20.72	21.80
		75	0	20.77	20.70	20.94	21.80
	16QAM	1	0	20.62	20.65	20.91	21.80
		1	38	21.04	21.19	21.01	21.80
		1	74	20.53	20.60	20.87	21.80
		36	0	20.59	20.78	20.93	21.80
		36	18	20.66	20.58	20.85	21.80
		36	39	20.65	20.74	20.68	21.80
		75	0	20.79	20.69	20.94	21.80
	64QAM	1	0	20.53	20.92	20.95	21.80
		1	38	20.50	20.73	20.82	21.80
		1	74	20.52	20.51	20.74	21.80
		36	0	19.99	20.39	20.25	21.30
		36	18	20.37	20.28	20.51	21.30
		36	39	20.16	20.20	20.35	21.30
		75	0	20.29	20.28	20.27	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.09	20.91	21.13	21.80
		1	50	20.75	21.14	20.57	21.80
		1	99	20.53	20.69	20.53	21.80
		50	0	20.61	20.74	20.85	21.80
		50	25	20.73	20.86	20.81	21.80
		50	50	20.62	20.82	20.78	21.80
		100	0	20.75	20.74	20.81	21.80
	16QAM	1	0	20.57	20.73	20.77	21.80
		1	50	20.89	21.12	21.03	21.80
		1	99	20.49	20.75	20.89	21.80
		50	0	20.47	20.76	20.83	21.80
		50	25	20.66	20.72	20.81	21.80
		50	50	20.68	20.74	20.76	21.80
		100	0	20.70	20.81	20.80	21.80
	64QAM	1	0	20.67	20.98	20.91	21.80
		1	50	20.55	20.85	20.87	21.80
		1	99	20.49	20.55	20.76	21.80
		50	0	20.12	20.29	20.31	21.30
		50	25	20.28	20.25	20.40	21.30
		50	50	20.29	20.33	20.23	21.30

		100	0	20.20	20.28	20.39	21.30
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LTE Band 7 DSI5/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.21	19.30	19.17	20.30
		1	13	19.16	19.21	19.23	20.30
		1	24	19.12	19.01	19.31	20.30
		12	0	19.13	19.29	19.38	20.30
		12	6	19.29	19.34	19.35	20.30
		12	13	19.36	19.29	19.25	20.30
		25	0	19.38	19.40	19.22	20.30
	16QAM	1	0	19.38	19.56	19.43	20.30
		1	13	19.18	19.97	19.35	20.30
		1	24	19.25	19.73	19.58	20.30
		12	0	19.23	19.21	19.38	20.30
		12	6	19.17	19.40	19.44	20.30
		12	13	19.11	19.14	19.40	20.30
		25	0	19.04	19.41	19.40	20.30
	64QAM	1	0	19.23	19.19	19.51	20.30
		1	13	18.93	19.20	19.34	20.30
		1	24	19.49	19.18	18.82	20.30
		12	0	19.06	19.38	19.22	20.30
		12	6	19.15	19.15	19.45	20.30
		12	13	19.03	19.14	19.22	20.30
		25	0	19.27	19.17	19.27	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	19.35	19.26	19.39	20.30
		1	25	19.12	19.32	19.27	20.30
		1	49	19.01	18.97	19.30	20.30
		25	0	19.10	19.13	19.18	20.30
		25	13	19.18	19.25	19.43	20.30
		25	25	19.12	19.18	19.24	20.30
		50	0	19.09	19.27	19.47	20.30
	16QAM	1	0	19.34	19.71	19.45	20.30
		1	25	19.40	19.94	19.48	20.30
		1	49	19.33	19.71	19.39	20.30
		25	0	19.16	19.27	19.25	20.30
		25	13	19.18	19.28	19.39	20.30
		25	25	19.10	19.41	19.38	20.30
		50	0	19.19	19.26	19.23	20.30
	64QAM	1	0	19.14	19.41	19.62	20.30
		1	25	18.87	19.10	19.28	20.30
		1	49	19.56	19.37	18.77	20.30
		25	0	19.24	19.47	19.12	20.30
		25	13	19.16	19.41	19.32	20.30
		25	25	18.92	19.23	19.21	20.30
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20800	21100	21400	

Bandwidth	Modulation	50	0	19.26	19.05	19.29	20.30
		RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	19.10	19.42	19.36	20.30
		1	38	19.20	19.40	19.32	20.30
		1	74	19.03	19.16	19.24	20.30
		36	0	19.11	19.29	19.33	20.30
		36	18	19.10	19.37	19.39	20.30
		36	39	19.24	19.10	19.29	20.30
		75	0	19.18	19.45	19.29	20.30
	16QAM	1	0	19.31	19.45	19.32	20.30
		1	38	19.27	19.77	19.39	20.30
		1	74	19.27	19.88	19.50	20.30
		36	0	19.35	19.35	19.24	20.30
		36	18	19.38	19.22	19.51	20.30
		36	39	19.25	19.26	19.29	20.30
		75	0	19.16	19.39	19.21	20.30
	64QAM	1	0	19.20	19.25	19.51	20.30
		1	38	19.11	19.17	19.18	20.30
		1	74	19.36	19.36	18.55	20.30
		36	0	19.10	19.34	19.10	20.30
		36	18	19.05	19.32	19.44	20.30
		36	39	18.92	19.22	19.37	20.30
		75	0	19.06	19.28	19.23	20.30
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	19.22	19.33	19.28	20.30
		1	50	19.17	19.34	19.31	20.30
		1	99	19.13	19.11	19.38	20.30
		50	0	19.16	19.23	19.28	20.30
		50	25	19.21	19.38	19.37	20.30
		50	50	19.22	19.24	19.33	20.30
		100	0	19.24	19.33	19.36	20.30
	16QAM	1	0	19.45	19.58	19.43	20.30
		1	50	19.31	19.91	19.46	20.30
		1	99	19.32	19.75	19.53	20.30
		50	0	19.22	19.25	19.29	20.30
		50	25	19.27	19.33	19.37	20.30
		50	50	19.15	19.26	19.29	20.30
		100	0	19.14	19.32	19.31	20.30
	64QAM	1	0	19.12	19.28	19.61	20.30
		1	50	18.96	19.23	19.25	20.30
		1	99	19.51	19.32	18.67	20.30
		50	0	19.10	19.33	19.20	20.30
		50	25	19.14	19.28	19.33	20.30
		50	50	19.06	19.25	19.31	20.30
		100	0	19.21	19.16	19.32	20.30

LTE Band 66 DS1/2/3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	23.48	22.64	23.06	24.50	
		1	2	23.42	22.79	23.03	24.50	
		1	5	23.42	22.68	23.08	24.50	
		3	0	23.39	22.66	22.95	24.50	
		3	1	23.46	22.83	22.94	24.50	
		3	3	23.46	22.82	22.97	24.50	
	16QAM	1	0	22.33	22.27	22.30	23.50	
		1	2	22.24	22.30	22.33	23.50	
		1	5	22.29	22.42	22.37	23.50	
		3	0	22.39	22.28	22.27	23.50	
		3	1	22.25	22.31	22.18	23.50	
		3	3	22.20	22.41	22.18	23.50	
	64QAM	6	0	21.23	21.25	21.26	22.50	
		1	0	21.33	21.18	21.35	22.50	
		1	2	21.33	21.25	21.15	22.50	
		1	5	21.23	21.23	21.18	22.50	
		3	0	21.15	21.24	21.31	22.50	
		3	1	21.32	21.21	21.20	22.50	
	3MHz	QPSK	3	3	21.25	21.26	21.32	22.50
			6	0	19.97	20.43	20.21	21.50
			1	0	23.31	22.65	23.06	24.50
1			7	23.04	23.80	23.11	24.50	
1			14	23.44	23.48	22.89	24.50	
8			0	22.19	22.04	22.14	23.50	
8			4	22.38	22.32	22.38	23.50	
16QAM		8	7	22.37	22.37	22.25	23.50	
		15	0	22.37	22.37	22.35	23.50	
		1	0	22.51	21.97	22.42	23.50	
		1	7	22.29	22.45	22.34	23.50	
		1	14	21.99	21.87	22.25	23.50	
		8	0	21.19	21.11	21.33	22.50	
		8	4	21.33	21.13	21.36	22.50	
64QAM		8	7	21.33	21.39	21.35	22.50	
		15	0	21.31	21.27	21.26	22.50	
		1	0	21.20	21.10	21.08	22.50	
		1	7	21.16	21.46	21.54	22.50	
		1	14	21.19	20.77	21.47	22.50	
			8	0	20.16	20.27	20.23	21.50
			8	4	20.33	20.26	20.26	21.50

Bandwidth	Modulation	8	7	20.30	20.29	20.39	21.50	
		15	0	20.11	20.29	20.15	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	23.30	22.73	23.16	24.50	
		1	13	22.99	23.78	23.06	24.50	
		1	24	23.48	23.33	22.84	24.50	
		12	0	22.12	22.09	22.14	23.50	
		12	6	22.29	22.22	22.39	23.50	
		12	13	22.23	22.21	22.26	23.50	
		25	0	22.23	22.31	22.33	23.50	
	16QAM	1	0	22.46	22.07	22.51	23.50	
		1	13	22.23	22.48	22.27	23.50	
		1	24	21.91	21.98	22.30	23.50	
		12	0	21.28	21.22	21.17	22.50	
		12	6	21.22	21.09	21.31	22.50	
		12	13	21.40	21.45	21.38	22.50	
		25	0	21.34	21.29	21.25	22.50	
	64QAM	1	0	21.09	21.10	21.06	22.50	
		1	13	21.17	21.49	21.51	22.50	
		1	24	21.31	20.88	21.29	22.50	
		12	0	20.32	20.21	20.37	21.50	
		12	6	20.19	20.25	20.25	21.50	
		12	13	20.30	20.38	20.39	21.50	
		25	0	20.00	20.28	20.24	21.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	1	0	23.30	22.82	23.02	24.50
1			25	22.84	23.73	23.16	24.50	
1			49	23.47	23.38	23.02	24.50	
25			0	22.22	22.12	22.23	23.50	
25			13	22.35	22.23	22.47	23.50	
25			25	22.26	22.20	22.31	23.50	
50			0	22.30	22.26	22.34	23.50	
16QAM		1	0	22.38	22.05	22.37	23.50	
		1	25	22.23	22.56	22.46	23.50	
		1	49	22.03	21.98	22.27	23.50	
		25	0	21.28	21.16	21.21	22.50	
		25	13	21.30	21.09	21.31	22.50	
		25	25	21.33	21.44	21.32	22.50	
		50	0	21.35	21.30	21.26	22.50	
64QAM		1	0	21.26	21.14	20.89	22.50	
		1	25	21.19	21.44	21.48	22.50	
		1	49	21.30	20.78	21.28	22.50	
		25	0	20.14	20.21	20.39	21.50	
		25	13	20.27	20.23	20.16	21.50	
		25	25	20.39	20.39	20.40	21.50	

Bandwidth	Modulation	50	0	19.99	20.41	20.32	21.50
		RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	23.43	22.77	23.15	24.50
		1	38	22.94	23.70	23.13	24.50
		1	74	23.49	23.45	22.94	24.50
		36	0	22.11	22.22	22.15	23.50
		36	18	22.35	22.28	22.45	23.50
		36	39	22.38	22.37	22.28	23.50
		75	0	22.38	22.39	22.27	23.50
	16QAM	1	0	22.49	22.15	22.54	23.50
		1	38	22.22	22.52	22.34	23.50
		1	74	22.01	21.87	22.40	23.50
		36	0	21.27	21.10	21.31	22.50
		36	18	21.19	21.15	21.24	22.50
		36	39	21.29	21.37	21.34	22.50
		75	0	21.17	21.20	21.34	22.50
	64QAM	1	0	21.16	21.15	20.90	22.50
		1	38	21.09	21.34	21.59	22.50
		1	74	21.25	20.75	21.39	22.50
		36	0	20.27	20.26	20.29	21.50
		36	18	20.23	20.29	20.34	21.50
		36	39	20.25	20.45	20.41	21.50
		75	0	20.18	20.29	20.22	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	23.34	22.74	23.12	24.50
		1	50	22.94	23.80	23.12	24.50
		1	99	23.46	23.38	22.93	24.50
		50	0	22.18	22.13	22.22	23.50
		50	25	22.28	22.32	22.37	23.50
		50	50	22.33	22.30	22.30	23.50
		100	0	22.28	22.29	22.26	23.50
	16QAM	1	0	22.41	22.05	22.47	23.50
		1	50	22.30	22.49	22.37	23.50
		1	99	21.96	21.97	22.35	23.50
		50	0	21.25	21.15	21.23	22.50
		50	25	21.28	21.17	21.27	22.50
		50	50	21.32	21.38	21.31	22.50
		100	0	21.25	21.21	21.25	22.50
	64QAM	1	0	21.16	21.20	20.99	22.50
		1	50	21.17	21.44	21.50	22.50
		1	99	21.24	20.81	21.37	22.50
		50	0	20.24	20.22	20.29	21.50
		50	25	20.23	20.28	20.26	21.50
		50	50	20.31	20.38	20.39	21.50
		100	0	20.09	20.38	20.24	21.50

LTE Band 66 DS14/7				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	20.69	20.59	20.40	22.00	
		1	2	20.36	20.63	20.45	22.00	
		1	5	20.61	20.93	20.46	22.00	
		3	0	20.47	20.56	20.56	22.00	
		3	1	20.70	20.55	20.68	22.00	
		3	3	20.62	20.71	20.58	22.00	
	16QAM	1	0	20.88	20.49	20.69	22.00	
		1	2	20.65	20.44	20.69	22.00	
		1	5	20.89	20.67	20.78	22.00	
		3	0	20.46	20.68	20.58	22.00	
		3	1	20.50	20.53	20.81	22.00	
		3	3	20.80	20.85	20.64	22.00	
	64QAM	6	0	20.77	20.85	20.71	22.00	
		1	0	20.19	20.82	20.45	22.00	
		1	2	20.44	20.81	20.86	22.00	
		1	5	20.73	20.91	20.47	22.00	
		3	0	20.64	20.81	20.56	22.00	
		3	1	20.57	20.85	20.51	22.00	
	3MHz	QPSK	3	3	20.70	20.93	20.60	22.00
			6	0	20.16	20.11	20.25	21.50
			16QAM	1	0	20.62	20.59	20.47
1				7	20.55	20.57	20.68	22.00
1				14	20.58	20.82	20.63	22.00
8				0	20.42	20.62	20.69	22.00
8				4	20.55	20.74	20.71	22.00
8		7		20.69	20.81	20.60	22.00	
15		0		20.68	20.60	20.66	22.00	
64QAM		1	0	20.95	20.40	20.71	22.00	
		1	7	20.86	20.59	20.77	22.00	
		1	14	20.82	20.67	20.74	22.00	
		8	0	20.48	20.60	20.39	22.00	
		8	4	20.63	20.57	20.81	22.00	
		8	7	20.50	20.68	20.82	22.00	
		15	0	20.56	20.84	20.56	22.00	
64QAM		1	0	20.26	20.68	20.39	22.00	
		1	7	20.30	20.80	20.87	22.00	
		1	14	20.69	20.84	20.68	22.00	
		8	0	20.02	20.13	20.04	21.50	
		8	4	20.13	20.43	20.10	21.50	

Bandwidth	Modulation	8	7	20.40	20.40	20.39	21.50
		15	0	20.15	20.13	20.29	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.62	20.69	20.56	22.00
		1	13	20.61	20.57	20.50	22.00
		1	24	20.69	20.90	20.59	22.00
		12	0	20.51	20.54	20.61	22.00
		12	6	20.68	20.63	20.73	22.00
		12	13	20.70	20.79	20.76	22.00
		25	0	20.50	20.70	20.70	22.00
	16QAM	1	0	20.80	20.50	20.68	22.00
		1	13	20.75	20.55	20.78	22.00
		1	24	20.74	20.72	20.92	22.00
		12	0	20.57	20.64	20.35	22.00
		12	6	20.64	20.55	20.67	22.00
		12	13	20.65	20.68	20.88	22.00
		25	0	20.58	20.77	20.51	22.00
	64QAM	1	0	20.29	20.64	20.49	22.00
		1	13	20.30	20.74	20.89	22.00
		1	24	20.73	20.92	20.54	22.00
		12	0	20.14	20.21	20.14	21.50
		12	6	20.18	20.41	20.09	21.50
		12	13	20.22	20.27	20.40	21.50
		25	0	20.27	20.07	20.25	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.76	20.55	20.50	22.00
		1	25	20.45	20.69	20.66	22.00
		1	49	20.72	20.72	20.49	22.00
		25	0	20.44	20.64	20.68	22.00
		25	13	20.66	20.68	20.58	22.00
		25	25	20.67	20.64	20.65	22.00
		50	0	20.57	20.59	20.61	22.00
	16QAM	1	0	20.91	20.45	20.59	22.00
		1	25	20.74	20.48	20.77	22.00
		1	49	20.84	20.77	20.75	22.00
		25	0	20.52	20.61	20.51	22.00
		25	13	20.58	20.73	20.76	22.00
		25	25	20.61	20.80	20.71	22.00
		50	0	20.58	20.83	20.53	22.00
	64QAM	1	0	20.28	20.79	20.45	22.00
		1	25	20.30	20.78	20.86	22.00
		1	49	20.58	20.82	20.69	22.00
		25	0	19.98	20.12	20.12	21.50
		25	13	20.15	20.38	20.12	21.50
		25	25	20.27	20.30	20.24	21.50

Bandwidth	Modulation	50	0	20.09	20.25	20.30	21.50
		RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	20.72	20.54	20.52	22.00
		1	38	20.43	20.67	20.60	22.00
		1	74	20.78	20.86	20.61	22.00
		36	0	20.42	20.60	20.59	22.00
		36	18	20.55	20.56	20.64	22.00
		36	39	20.67	20.67	20.68	22.00
		75	0	20.60	20.53	20.59	22.00
	16QAM	1	0	20.88	20.43	20.60	22.00
		1	38	20.86	20.56	20.81	22.00
		1	74	20.79	20.80	20.78	22.00
		36	0	20.45	20.61	20.35	22.00
		36	18	20.47	20.61	20.80	22.00
		36	39	20.70	20.85	20.75	22.00
		75	0	20.54	20.66	20.68	22.00
	64QAM	1	0	20.10	20.82	20.50	22.00
		1	38	20.30	20.78	20.89	22.00
		1	74	20.68	20.92	20.54	22.00
		36	0	20.18	20.19	20.18	21.50
		36	18	20.19	20.36	20.09	21.50
		36	39	20.36	20.25	20.26	21.50
		75	0	20.18	20.12	20.25	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.66	20.63	20.51	22.00
		1	50	20.51	20.66	20.59	22.00
		1	99	20.68	20.82	20.55	22.00
		50	0	20.51	20.61	20.59	22.00
		50	25	20.61	20.65	20.65	22.00
		50	50	20.64	20.73	20.68	22.00
		100	0	20.60	20.61	20.61	22.00
	16QAM	1	0	20.89	20.40	20.62	22.00
		1	50	20.76	20.51	20.76	22.00
		1	99	20.81	20.76	20.84	22.00
		50	0	20.47	20.68	20.44	22.00
		50	25	20.57	20.65	20.74	22.00
		50	50	20.60	20.76	20.79	22.00
		100	0	20.63	20.74	20.58	22.00
	64QAM	1	0	20.19	20.74	20.43	22.00
		1	50	20.30	20.75	20.79	22.00
		1	99	20.66	20.84	20.62	22.00
		50	0	20.08	20.14	20.14	21.50
		50	25	20.17	20.36	20.07	21.50
		50	50	20.31	20.30	20.32	21.50
		100	0	20.19	20.17	20.22	21.50

LTE Band 66 DS15/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	19.54	19.79	19.65	21.00	
		1	2	19.40	19.65	19.76	21.00	
		1	5	19.81	19.89	19.76	21.00	
		3	0	19.61	19.40	19.71	21.00	
		3	1	19.66	19.56	19.86	21.00	
		3	3	19.54	19.67	19.73	21.00	
	16QAM	1	0	19.48	19.94	20.09	21.00	
		1	2	19.93	19.93	20.05	21.00	
		1	5	20.34	19.87	20.09	21.00	
		3	0	19.23	19.54	19.39	21.00	
		3	1	19.55	19.58	19.81	21.00	
		3	3	19.75	19.82	19.79	21.00	
	64QAM	6	0	19.44	19.83	19.64	21.00	
		1	0	19.51	19.45	19.62	21.00	
		1	2	19.79	19.69	20.05	21.00	
		1	5	19.84	19.64	19.73	21.00	
		3	0	19.62	19.37	19.55	21.00	
		3	1	19.57	19.66	19.67	21.00	
	3MHz	QPSK	3	3	19.57	19.77	19.79	21.00
			6	0	19.57	19.58	19.72	21.00
			1	0	19.57	19.77	19.79	21.00
1			7	19.50	19.69	19.79	21.00	
1			14	19.79	19.79	19.72	21.00	
8			0	19.59	19.48	19.76	21.00	
8			4	19.60	19.65	19.76	21.00	
16QAM		8	7	19.55	19.62	19.80	21.00	
		15	0	19.61	19.66	19.81	21.00	
		1	0	19.45	19.94	20.06	21.00	
		1	7	19.84	19.85	20.00	21.00	
		1	14	20.30	19.90	20.00	21.00	
		8	0	19.32	19.51	19.47	21.00	
		8	4	19.54	19.60	19.71	21.00	
64QAM		8	7	19.65	19.88	19.80	21.00	
		15	0	19.54	19.77	19.70	21.00	
		1	0	19.59	19.42	19.59	21.00	
		1	7	19.74	19.65	20.00	21.00	
		1	14	19.79	19.70	19.80	21.00	
			8	0	19.67	19.35	19.64	21.00
			8	4	19.57	19.65	19.60	21.00

Bandwidth	Modulation	8	7	19.62	19.70	19.72	21.00	
		15	0	19.54	19.56	19.72	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	19.75	19.85	19.59	21.00	
		1	13	19.48	19.57	19.80	21.00	
		1	24	19.62	19.69	19.78	21.00	
		12	0	19.40	19.47	19.50	21.00	
		12	6	19.76	19.75	19.66	21.00	
		12	13	19.52	19.66	19.81	21.00	
		25	0	19.74	19.53	19.55	21.00	
	16QAM	1	0	19.73	19.81	19.98	21.00	
		1	13	20.10	19.86	19.82	21.00	
		1	24	20.20	19.87	19.83	21.00	
		12	0	19.56	19.43	19.60	21.00	
		12	6	19.74	19.58	19.79	21.00	
		12	13	19.73	19.82	19.77	21.00	
		25	0	19.57	19.79	19.67	21.00	
	64QAM	1	0	19.57	19.52	19.46	21.00	
		1	13	19.81	19.75	20.04	21.00	
		1	24	19.68	19.80	19.94	21.00	
		12	0	19.55	19.35	19.63	21.00	
		12	6	19.70	19.77	19.67	21.00	
		12	13	19.66	19.80	19.89	21.00	
		25	0	19.71	19.80	19.78	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	1	0	19.82	19.60	19.60	21.00
1			25	19.60	19.50	19.69	21.00	
1			49	19.87	19.65	19.66	21.00	
25			0	19.41	19.49	19.66	21.00	
25			13	19.75	19.84	19.68	21.00	
25			25	19.55	19.51	19.90	21.00	
50			0	19.79	19.66	19.52	21.00	
16QAM		1	0	19.68	19.87	20.13	21.00	
		1	25	19.93	19.74	20.00	21.00	
		1	49	20.20	19.91	19.81	21.00	
		25	0	19.53	19.49	19.45	21.00	
		25	13	19.57	19.81	19.65	21.00	
		25	25	19.76	19.70	19.70	21.00	
		50	0	19.55	19.62	19.87	21.00	
64QAM		1	0	19.55	19.50	19.65	21.00	
		1	25	19.87	19.51	20.06	21.00	
		1	49	19.88	19.68	19.82	21.00	
		25	0	19.47	19.19	19.72	21.00	
		25	13	19.71	19.66	19.84	21.00	
		25	25	19.63	19.58	19.68	21.00	

Bandwidth	Modulation	RB size	RB offset	19.49	19.54	19.57	21.00
				Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.68	19.67	19.46	21.00
		1	38	19.43	19.65	19.79	21.00
		1	74	19.72	19.75	19.68	21.00
		36	0	19.59	19.45	19.74	21.00
		36	18	19.73	19.78	19.68	21.00
		36	39	19.73	19.50	19.84	21.00
		75	0	19.72	19.57	19.72	21.00
	16QAM	1	0	19.53	19.72	20.07	21.00
		1	38	19.85	19.74	19.74	21.00
		1	74	20.37	20.12	19.96	21.00
		36	0	19.34	19.39	19.61	21.00
		36	18	19.75	19.59	19.70	21.00
		36	39	19.52	19.82	19.78	21.00
		75	0	19.69	19.66	19.85	21.00
	64QAM	1	0	19.65	19.40	19.65	21.00
		1	38	19.74	19.55	20.05	21.00
		1	74	19.79	19.87	19.96	21.00
		36	0	19.53	19.22	19.58	21.00
		36	18	19.71	19.84	19.71	21.00
		36	39	19.63	19.70	19.72	21.00
		75	0	19.59	19.73	19.71	21.00
Bandwidth	Modulation	RB size	RB offset	19.49	19.54	19.57	21.00
				Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	19.70	19.75	19.58	21.00
		1	50	19.56	19.55	19.69	21.00
		1	99	19.74	19.65	19.67	21.00
		50	0	19.48	19.57	19.65	21.00
		50	25	19.68	19.80	19.79	21.00
		50	50	19.60	19.64	19.76	21.00
		100	0	19.65	19.64	19.66	21.00
	16QAM	1	0	19.59	19.79	20.02	21.00
		1	50	19.95	19.81	19.86	21.00
		1	99	20.22	19.98	19.92	21.00
		50	0	19.46	19.46	19.59	21.00
		50	25	19.60	19.73	19.78	21.00
		50	50	19.66	19.79	19.76	21.00
		100	0	19.62	19.71	19.74	21.00
	64QAM	1	0	19.62	19.50	19.54	21.00
		1	50	19.75	19.62	19.96	21.00
		1	99	19.76	19.72	19.84	21.00
		50	0	19.54	19.33	19.68	21.00
		50	25	19.64	19.72	19.74	21.00
		50	50	19.68	19.71	19.79	21.00
		100	0	19.63	19.66	19.63	21.00

LTE Band 38 DS1/2/3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	23.93	23.80	23.76	25.00	
		1	13	23.75	23.39	23.86	25.00	
		1	24	23.78	23.42	23.76	25.00	
		12	0	22.98	22.71	22.72	24.00	
		12	6	22.97	22.67	22.78	24.00	
		12	13	22.91	22.68	22.72	24.00	
	16QAM	25	0	22.95	22.69	22.65	24.00	
		1	0	22.60	22.84	22.73	24.00	
		1	13	22.70	22.95	22.68	24.00	
		1	24	22.69	22.81	22.77	24.00	
		12	0	21.94	21.97	21.87	23.00	
		12	6	21.96	21.96	21.93	23.00	
	64QAM	12	13	21.96	22.07	21.92	23.00	
		25	0	22.05	21.85	21.93	23.00	
		1	0	21.63	21.87	21.67	23.00	
		1	13	21.74	21.47	21.72	23.00	
		1	24	21.42	21.33	21.70	23.00	
		12	0	20.98	21.01	20.86	22.00	
	10MHz	QPSK	12	6	20.87	20.99	20.85	22.00
			12	13	20.86	20.86	21.03	22.00
			25	0	20.78	20.99	21.02	22.00
1			0	23.75	23.68	23.60	25.00	
1			25	23.82	23.38	23.80	25.00	
1			49	23.85	23.38	23.66	25.00	
16QAM		25	0	22.88	22.65	22.71	24.00	
		25	13	22.96	22.60	22.74	24.00	
		25	25	22.90	22.74	22.68	24.00	
		50	0	22.97	22.63	22.74	24.00	
		1	0	22.60	22.71	22.83	24.00	
		1	25	22.83	23.04	22.68	24.00	
64QAM		1	49	22.65	22.76	22.84	24.00	
		25	0	21.87	22.02	21.88	23.00	
		25	13	22.08	21.83	21.86	23.00	
	25	25	22.00	22.05	22.00	23.00		
	50	0	22.11	21.86	21.98	23.00		
	64QAM	1	0	21.70	21.95	21.76	23.00	
		1	25	21.60	21.50	21.79	23.00	
		1	49	21.27	21.22	21.55	23.00	
		25	0	20.91	20.91	20.98	22.00	
		25	13	20.78	20.91	20.91	22.00	

Bandwidth	Modulation	25	25	20.97	20.91	21.04	22.00	
		50	0	20.83	20.99	20.83	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	23.88	23.80	23.64	25.00	
		1	38	23.79	23.46	23.75	25.00	
		1	74	23.82	23.45	23.75	25.00	
		36	0	22.94	22.79	22.62	24.00	
		36	18	22.93	22.61	22.65	24.00	
		36	39	22.93	22.65	22.73	24.00	
		75	0	22.97	22.65	22.64	24.00	
	16QAM	1	0	22.56	22.74	22.74	24.00	
		1	38	22.75	22.98	22.67	24.00	
		1	74	22.65	22.77	22.72	24.00	
		36	0	21.90	21.99	21.91	23.00	
		36	18	22.15	21.89	21.95	23.00	
		36	39	21.98	22.07	22.00	23.00	
		75	0	22.05	21.90	21.85	23.00	
	64QAM	1	0	21.64	21.96	21.61	23.00	
		1	38	21.59	21.40	21.76	23.00	
		1	74	21.46	21.28	21.56	23.00	
		36	0	20.87	21.00	20.98	22.00	
		36	18	20.88	20.93	20.96	22.00	
		36	39	20.94	20.95	20.97	22.00	
		75	0	20.88	20.92	21.00	22.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37850	38000	38150	
	20MHz	QPSK	1	0	23.85	23.78	23.70	25.00
1			50	23.78	23.37	23.78	25.00	
1			99	23.76	23.45	23.66	25.00	
50			0	22.97	22.71	22.71	24.00	
50			25	23.00	22.70	22.75	24.00	
50			50	22.99	22.72	22.74	24.00	
100			0	23.01	22.73	22.68	24.00	
16QAM		1	0	22.58	22.75	22.80	24.00	
		1	50	22.75	22.95	22.62	24.00	
		1	99	22.74	22.79	22.82	24.00	
		50	0	21.94	21.97	21.89	23.00	
		50	25	22.06	21.90	21.91	23.00	
		50	50	21.98	21.98	21.96	23.00	
		100	0	22.03	21.92	21.92	23.00	
64QAM		1	0	21.66	21.87	21.67	23.00	
		1	50	21.64	21.44	21.71	23.00	
		1	99	21.37	21.29	21.60	23.00	
		50	0	20.96	20.96	20.91	22.00	
		50	25	20.86	20.95	20.91	22.00	
		50	50	20.96	20.95	20.95	22.00	

		100	0	20.87	20.94	20.93	22.00
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LTE Band 38 DS14/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.56	22.38	22.45	23.50
		1	13	22.60	22.65	22.50	23.50
		1	24	22.26	22.48	22.38	23.50
		12	0	22.62	22.69	22.56	23.50
		12	6	22.48	22.46	22.57	23.50
		12	13	22.51	22.80	22.51	23.50
		25	0	22.48	22.77	22.37	23.50
	16QAM	1	0	22.54	22.54	22.23	23.50
		1	13	22.60	22.78	22.67	23.50
		1	24	22.49	22.31	22.40	23.50
		12	0	22.14	21.97	21.99	23.00
		12	6	21.90	21.94	22.05	23.00
		12	13	21.98	21.96	21.89	23.00
		25	0	22.08	21.90	22.05	23.00
	64QAM	1	0	21.75	21.72	21.66	23.00
		1	13	21.79	21.90	21.93	23.00
		1	24	21.57	21.72	21.64	23.00
		12	0	20.85	21.01	21.12	22.00
		12	6	21.03	21.08	20.96	22.00
		12	13	21.06	21.07	21.03	22.00
		25	0	21.01	20.91	20.83	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	22.52	22.44	22.37	23.50
		1	25	22.57	22.65	22.50	23.50
		1	49	22.40	22.28	22.36	23.50
		25	0	22.61	22.46	22.56	23.50
		25	13	22.74	22.53	22.44	23.50
		25	25	22.34	22.79	22.55	23.50
		50	0	22.62	22.50	22.43	23.50
	16QAM	1	0	22.71	22.50	22.45	23.50
		1	25	22.42	22.87	22.68	23.50
		1	49	22.33	22.50	22.29	23.50
		25	0	22.10	22.01	21.81	23.00
		25	13	22.13	21.90	21.96	23.00
		25	25	22.04	22.01	21.86	23.00
		50	0	22.00	22.09	21.85	23.00
	64QAM	1	0	21.64	21.92	21.81	23.00
		1	25	21.74	21.70	21.85	23.00
		1	49	21.85	21.83	21.37	23.00
		25	0	21.09	20.98	20.98	22.00
		25	13	21.04	20.94	20.97	22.00
		25	25	20.96	21.14	20.90	22.00

Bandwidth	Modulation	50	0	20.95	21.04	21.08	22.00
		RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	22.54	22.46	22.44	23.50
		1	38	22.52	22.51	22.45	23.50
		1	74	22.39	22.28	22.46	23.50
		36	0	22.39	22.58	22.59	23.50
		36	18	22.64	22.63	22.38	23.50
		36	39	22.44	22.68	22.49	23.50
		75	0	22.47	22.69	22.52	23.50
	16QAM	1	0	22.76	22.69	22.19	23.50
		1	38	22.51	22.64	22.78	23.50
		1	74	22.37	22.48	22.39	23.50
		36	0	22.05	21.87	21.91	23.00
		36	18	22.04	22.05	21.91	23.00
		36	39	22.15	22.16	22.01	23.00
		75	0	22.13	21.93	21.82	23.00
	64QAM	1	0	21.73	21.77	21.78	23.00
		1	38	21.88	21.78	21.92	23.00
		1	74	21.77	21.63	21.37	23.00
		36	0	20.93	21.08	21.11	22.00
		36	18	21.07	21.01	20.89	22.00
		36	39	21.12	20.96	21.15	22.00
		75	0	20.94	20.86	21.05	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	22.61	22.52	22.40	23.50
		1	50	22.52	22.53	22.48	23.50
		1	99	22.38	22.40	22.46	23.50
		50	0	22.52	22.55	22.52	23.50
		50	25	22.61	22.48	22.43	23.50
		50	50	22.49	22.67	22.50	23.50
		100	0	22.53	22.64	22.46	23.50
	16QAM	1	0	22.69	22.58	22.33	23.50
		1	50	22.45	22.76	22.67	23.50
		1	99	22.39	22.37	22.43	23.50
		50	0	22.02	21.98	21.94	23.00
		50	25	22.03	21.99	21.94	23.00
		50	50	22.04	22.07	21.99	23.00
		100	0	22.06	21.99	21.95	23.00
	64QAM	1	0	21.65	21.84	21.75	23.00
		1	50	21.77	21.75	21.80	23.00
		1	99	21.70	21.68	21.51	23.00
		50	0	20.98	21.02	20.97	22.00
		50	25	21.06	20.97	20.94	22.00
		50	50	21.03	21.04	21.00	22.00
		100	0	21.03	20.98	20.95	22.00

LTE Band 38 DS15/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	21.71	21.63	21.74	22.50	
		1	13	21.54	21.58	21.64	22.50	
		1	24	21.69	21.55	21.71	22.50	
		12	0	21.74	21.75	21.65	22.50	
		12	6	21.86	21.82	21.74	22.50	
		12	13	21.66	21.74	21.72	22.50	
	16QAM	25	0	21.89	21.66	21.74	22.50	
		1	0	21.39	21.61	21.37	22.50	
		1	13	21.65	21.69	21.82	22.50	
		1	24	21.47	21.30	21.51	22.50	
		12	0	21.78	21.71	21.85	22.50	
		12	6	21.88	21.66	21.64	22.50	
	64QAM	12	13	21.72	21.76	21.72	22.50	
		25	0	21.76	21.74	21.54	22.50	
		1	0	21.44	21.34	21.25	22.50	
		1	13	21.39	21.54	21.35	22.50	
		1	24	21.19	21.29	21.28	22.50	
		12	0	20.67	20.72	20.72	22.00	
	10MHz	QPSK	12	6	20.79	20.61	20.79	22.00
			12	13	20.66	20.85	20.67	22.00
			25	0	20.88	20.63	20.72	22.00
1			0	21.81	21.70	21.88	22.50	
1			25	21.52	21.67	21.64	22.50	
1			49	21.64	21.51	21.65	22.50	
16QAM		25	0	21.77	21.71	21.80	22.50	
		25	13	21.74	21.75	21.61	22.50	
		25	25	21.79	21.70	21.69	22.50	
		50	0	21.81	21.69	21.70	22.50	
		1	0	21.53	21.61	21.53	22.50	
		1	25	21.63	21.51	21.75	22.50	
64QAM	1	49	21.45	21.40	21.49	22.50		
	25	0	21.66	21.69	21.76	22.50		
	25	13	21.79	21.74	21.80	22.50		
	25	25	21.88	21.68	21.75	22.50		
	50	0	21.87	21.75	21.57	22.50		
	1	0	21.37	21.44	21.40	22.50		
	64QAM	1	25	21.46	21.60	21.45	22.50	
		1	49	21.31	21.31	21.31	22.50	
		25	0	20.66	20.69	20.69	22.00	
		25	13	20.81	20.68	20.81	22.00	
		25	0	20.66	20.69	20.69	22.00	

Bandwidth	Modulation	25	25	20.73	20.69	20.64	22.00	
		50	0	20.68	20.74	20.71	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	21.82	21.78	21.85	22.50	
		1	38	21.49	21.64	21.56	22.50	
		1	74	21.66	21.55	21.54	22.50	
		36	0	21.82	21.75	21.64	22.50	
		36	18	21.76	21.73	21.67	22.50	
		36	39	21.67	21.75	21.70	22.50	
		75	0	21.75	21.63	21.68	22.50	
	16QAM	1	0	21.41	21.61	21.38	22.50	
		1	38	21.67	21.71	21.77	22.50	
		1	74	21.50	21.32	21.64	22.50	
		36	0	21.70	21.66	21.84	22.50	
		36	18	21.80	21.65	21.75	22.50	
		36	39	21.84	21.74	21.88	22.50	
		75	0	21.82	21.77	21.56	22.50	
	64QAM	1	0	21.48	21.48	21.42	22.50	
		1	38	21.59	21.49	21.40	22.50	
		1	74	21.27	21.39	21.28	22.50	
		36	0	20.81	20.78	20.64	22.00	
		36	18	20.67	20.59	20.71	22.00	
		36	39	20.61	20.67	20.77	22.00	
		75	0	20.82	20.67	20.72	22.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37850	38000	38150	
	20MHz	QPSK	1	0	21.81	21.72	21.80	22.50
1			50	21.57	21.64	21.61	22.50	
1			99	21.59	21.48	21.61	22.50	
50			0	21.73	21.70	21.71	22.50	
50			25	21.80	21.72	21.71	22.50	
50			50	21.74	21.78	21.75	22.50	
100			0	21.79	21.72	21.68	22.50	
16QAM		1	0	21.47	21.63	21.43	22.50	
		1	50	21.59	21.61	21.75	22.50	
		1	99	21.48	21.40	21.54	22.50	
		50	0	21.74	21.70	21.76	22.50	
		50	25	21.82	21.64	21.70	22.50	
		50	50	21.79	21.77	21.78	22.50	
		100	0	21.77	21.71	21.64	22.50	
64QAM		1	0	21.47	21.42	21.33	22.50	
		1	50	21.49	21.52	21.36	22.50	
		1	99	21.29	21.32	21.32	22.50	
		50	0	20.72	20.75	20.74	22.00	
		50	25	20.77	20.67	20.73	22.00	
		50	50	20.71	20.77	20.68	22.00	

		100	0	20.78	20.64	20.62	22.00
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LTE Band 41 2496 - 2690 DS12/3				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	23.77	23.8	24.03	23.75	23.79	25.00
		1	13	23.67	23.75	23.87	23.84	23.78	25.00
		1	24	23.86	23.73	23.82	23.84	23.86	25.00
		12	0	22.63	22.52	23.05	22.82	22.76	24.00
		12	6	22.8	22.62	22.97	23.14	22.72	24.00
		12	13	22.68	22.63	22.85	23.03	22.67	24.00
		25	0	22.41	22.42	23.15	23.01	22.83	24.00
	16QAM	1	0	22.66	22.71	22.7	22.75	22.56	24.00
		1	13	22.43	22.47	22.96	22.75	22.57	24.00
		1	24	22.37	22.36	22.48	22.66	22.64	24.00
		12	0	21.66	21.8	22.01	21.89	21.75	23.00
		12	6	21.7	21.75	22.17	21.95	21.97	23.00
		12	13	21.78	21.66	22.02	21.99	21.87	23.00
		25	0	21.82	21.82	22.11	22.2	21.97	23.00
	64QAM	1	0	21.42	21.31	21.93	21.80	21.64	23.00
		1	13	21.61	21.48	21.88	21.89	21.72	23.00
		1	24	21.40	21.20	21.68	21.66	21.79	23.00
		12	0	20.67	20.53	20.92	20.86	21.00	22.00
		12	6	20.74	20.64	20.81	20.88	20.88	22.00
		12	13	20.84	20.87	20.92	20.91	20.93	22.00
		25	0	21.00	21.00	20.96	20.84	20.99	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	23.84	23.73	23.9	23.85	23.82	25.00
		1	25	23.84	24	23.76	23.79	23.82	25.00
		1	49	23.68	23.61	23.91	23.85	23.67	25.00
		25	0	22.42	22.37	23.05	22.9	22.63	24.00
		25	13	22.51	22.51	23.05	23.15	22.63	24.00
		25	25	22.48	22.53	23.05	23.03	22.9	24.00
		50	0	22.65	22.41	23.06	23.06	22.79	24.00
	16QAM	1	0	22.63	22.46	22.74	22.58	22.39	24.00
		1	25	22.41	22.3	22.85	22.97	22.74	24.00
		1	49	22.62	22.35	22.67	22.82	22.77	24.00
		25	0	21.69	21.82	21.91	22.04	21.79	23.00
		25	13	21.71	21.85	22.08	21.83	21.93	23.00
		25	25	21.84	21.81	21.89	21.98	21.84	23.00
		50	0	21.91	21.86	21.93	21.95	21.77	23.00
	64QAM	1	0	21.25	21.20	21.64	21.93	21.54	23.00
		1	25	21.76	21.46	21.97	21.83	21.48	23.00
		1	49	21.24	21.20	21.74	21.71	21.87	23.00
		25	0	20.57	20.51	20.92	20.92	20.88	22.00
		25	13	20.67	20.88	20.98	20.91	20.80	22.00
		25	25	20.72	20.84	20.83	20.79	20.95	22.00

Bandwidth	Modulation	50	0	20.95	20.98	20.92	20.95	20.80	22.00	
		RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
15MHz	QPSK	1	0	39725	40173	40620	41068	41515	25.00	
		1	38	23.71	23.81	24.03	23.83	23.77	25.00	
		1	74	23.94	23.97	23.93	23.69	23.84	25.00	
		36	0	23.8	23.54	23.92	23.6	23.79	25.00	
		36	18	22.59	22.32	22.85	23.03	22.62	24.00	
		36	39	22.6	22.51	23.19	23.08	22.66	24.00	
		75	0	22.51	22.37	22.84	22.83	22.95	24.00	
	16QAM	1	0	22.66	22.58	23.13	22.87	22.64	24.00	
		1	38	22.75	22.6	22.68	22.63	22.59	24.00	
		1	74	22.33	22.51	22.8	22.93	22.56	24.00	
		36	0	22.56	22.37	22.72	22.63	22.87	24.00	
		36	18	21.79	21.87	22.07	21.95	21.89	23.00	
		36	39	21.84	21.89	21.87	22.06	21.91	23.00	
		75	0	21.9	21.82	22.1	21.87	21.83	23.00	
	64QAM	1	0	21.68	21.62	21.91	22.08	21.82	23.00	
		1	38	21.50	21.26	21.94	21.73	21.79	23.00	
		1	74	21.63	21.70	21.86	21.84	21.52	23.00	
		36	0	21.42	21.36	21.95	21.73	21.79	23.00	
		36	18	20.54	20.44	20.89	20.84	20.84	22.00	
		36	39	20.71	20.91	20.84	20.75	20.78	22.00	
		75	0	20.77	20.74	20.96	20.79	20.80	22.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
	20MHz	QPSK	1	0	23.75	23.75	23.89	23.74	23.77	25.00
			1	50	23.80	23.86	23.81	23.76	23.77	25.00
			1	99	23.73	23.67	23.85	23.74	23.75	25.00
			50	0	22.49	22.42	22.99	22.92	22.77	24.00
			50	25	22.66	22.59	23.06	23.00	22.68	24.00
50			50	22.59	22.50	22.98	22.88	22.80	24.00	
100			0	22.56	22.48	23.03	22.98	22.71	24.00	
16QAM		1	0	22.71	22.61	22.78	22.68	22.53	24.00	
		1	50	22.48	22.38	22.95	22.87	22.64	24.00	
		1	99	22.51	22.42	22.63	22.72	22.72	24.00	
		50	0	21.75	21.82	21.94	21.96	21.89	23.00	
		50	25	21.81	21.83	22.02	21.96	21.88	23.00	
		50	50	21.79	21.78	22.02	22.01	21.96	23.00	
		100	0	21.82	21.74	22.03	22.07	21.89	23.00	
64QAM		1	0	21.38	21.32	21.79	21.87	21.64	23.00	
		1	50	21.62	21.55	21.84	21.88	21.62	23.00	
		1	99	21.31	21.24	21.80	21.77	21.74	23.00	
		50	0	20.64	20.57	20.97	20.94	20.92	22.00	
		50	25	20.80	20.77	20.94	20.86	20.85	22.00	
		50	50	20.81	20.83	20.93	20.93	20.93	22.00	
		100	0	20.88	20.86	20.89	20.95	20.88	22.00	

LTE Band 41 2496 - 2690 DS14/7				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	22.15	22.3	22.6	22.61	22.75	23.50	
		1	13	22.59	22.38	22.52	22.4	22.65	23.50	
		1	24	22.05	22.25	22.77	22.34	22.52	23.50	
		12	0	22.47	22.37	22.65	22.55	22.47	23.50	
		12	6	22.51	22.49	22.78	22.74	22.57	23.50	
		12	13	22.65	22.6	22.81	22.72	22.48	23.50	
	16QAM	1	0	22.16	22.15	22.54	22.51	22.26	23.50	
		1	13	22.25	22.35	22.7	22.65	22.51	23.50	
		1	24	22.39	22.62	22.3	22.15	22.78	23.50	
		12	0	21.97	21.91	21.91	22.08	21.78	23.00	
		12	6	22.01	21.93	22.18	21.95	21.9	23.00	
		12	13	21.83	21.74	22.18	22.11	21.97	23.00	
	64QAM	1	0	21.98	21.77	22.03	22.11	21.9	23.00	
		1	0	21.58	21.52	22.23	22.25	21.40	23.00	
		1	13	21.74	21.94	21.49	21.67	21.47	23.00	
		1	24	21.37	21.29	21.66	21.81	21.83	23.00	
		12	0	20.89	20.78	20.90	21.00	20.94	22.00	
		12	6	20.75	20.92	21.02	21.08	20.79	22.00	
	10MHz	QPSK	1	0	20.88	20.80	21.07	21.11	20.81	22.00
			1	13	20.99	20.72	21.08	21.05	20.81	22.00
			1	0	22.13	22.17	22.59	22.68	22.58	23.50
1			25	22.45	22.25	22.36	22.45	22.56	23.50	
1			49	22.28	22.17	22.81	22.47	22.73	23.50	
25			0	22.37	22.49	22.76	22.68	22.63	23.50	
16QAM		25	13	22.43	22.34	22.67	22.68	22.46	23.50	
		25	25	22.46	22.38	22.7	22.71	22.58	23.50	
		50	0	22.76	22.72	22.81	22.69	22.43	23.50	
		1	0	22.11	21.94	22.69	22.38	22.18	23.50	
		1	25	22.06	22.12	22.72	22.72	22.57	23.50	
		1	49	22.56	22.71	22.13	22.28	22.54	23.50	
64QAM		25	0	21.67	21.89	21.86	21.8	21.88	23.00	
		25	13	21.99	21.96	22.11	21.99	21.89	23.00	
		25	25	21.93	21.94	21.94	22.12	21.97	23.00	
		50	0	22.02	21.84	22.19	22.14	22.03	23.00	
		1	0	21.63	21.60	22.22	22.07	21.53	23.00	
		1	25	21.67	22.01	21.65	21.44	21.59	23.00	
64QAM		1	49	21.59	21.36	21.59	21.66	21.72	23.00	
		25	0	20.71	20.64	20.88	20.97	20.79	22.00	
		25	13	20.78	20.78	21.05	21.09	21.02	22.00	
					Channel	Channel	Channel	Channel	Channel	Tune up
					39700	40160	40620	41080	41540	

Bandwidth	Modulation	25	25	20.86	20.75	21.19	20.89	20.95	22.00	
		50	0	20.89	20.86	21.13	20.93	20.86	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	QPSK	1	0	22.35	22.16	22.64	22.63	22.49	23.50	
		1	38	22.44	22.41	22.55	22.38	22.39	23.50	
		1	74	22.19	21.97	22.82	22.41	22.6	23.50	
		36	0	22.38	22.54	22.61	22.67	22.68	23.50	
		36	18	22.56	22.49	22.66	22.54	22.6	23.50	
		36	39	22.53	22.46	22.83	22.7	22.71	23.50	
		75	0	22.47	22.72	22.76	22.79	22.45	23.50	
	16QAM	1	0	22.09	22.13	22.68	22.41	22	23.50	
		1	38	22.15	22.26	22.73	22.6	22.5	23.50	
		1	74	22.59	22.42	22.37	22.36	22.55	23.50	
		36	0	21.88	21.82	22.12	21.86	21.75	23.00	
		36	18	22.01	22	22.05	22.22	21.83	23.00	
		36	39	21.91	21.95	22.14	22.07	21.87	23.00	
		75	0	21.95	21.97	21.99	22.18	21.76	23.00	
	64QAM	1	0	21.41	21.68	22.08	22.04	21.32	23.00	
		1	38	21.88	21.93	21.64	21.63	21.58	23.00	
		1	74	21.62	21.36	21.52	21.80	21.89	23.00	
		36	0	20.92	20.81	21.04	20.99	21.05	22.00	
		36	18	20.74	20.75	20.99	21.24	20.94	22.00	
		36	39	20.73	20.73	20.93	21.09	20.96	22.00	
		75	0	20.91	20.83	21.00	21.00	20.76	22.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
	20MHz	QPSK	1	0	22.23	22.31	22.70	22.57	22.60	23.50
			1	50	22.46	22.36	22.49	22.47	22.51	23.50
			1	99	22.17	22.11	22.71	22.48	22.58	23.50
			50	0	22.49	22.42	22.71	22.69	22.59	23.50
			50	25	22.46	22.44	22.81	22.69	22.58	23.50
50			50	22.55	22.49	22.75	22.73	22.62	23.50	
100			0	22.62	22.67	22.79	22.80	22.55	23.50	
16QAM		1	0	22.06	22.09	22.58	22.49	22.15	23.50	
		1	50	22.21	22.27	22.71	22.73	22.49	23.50	
		1	99	22.50	22.57	22.25	22.22	22.64	23.50	
		50	0	21.82	21.89	22.01	21.94	21.90	23.00	
		50	25	21.90	21.99	22.12	22.10	21.91	23.00	
		50	50	21.87	21.80	22.05	22.15	21.90	23.00	
		100	0	21.88	21.92	22.11	22.09	21.88	23.00	
64QAM		1	0	21.52	21.54	22.10	22.14	21.46	23.00	
		1	50	21.78	21.88	21.59	21.56	21.52	23.00	
		1	99	21.48	21.44	21.61	21.67	21.77	23.00	
		50	0	20.81	20.74	21.01	21.04	20.92	22.00	
		50	25	20.87	20.82	21.10	21.17	20.89	22.00	
		50	50	20.87	20.80	21.08	21.03	20.92	22.00	

		100	0	20.89	20.86	21.07	21.04	20.86	22.00
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LTE Band 41 2496 - 2690 DS15/6				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	21.5	21.68	21.88	21.61	21.55	22.50
		1	13	21.35	21.62	21.51	21.5	21.58	22.50
		1	24	21.54	21.33	21.69	21.46	21.51	22.50
		12	0	21.67	21.52	21.73	21.61	21.5	22.50
		12	6	21.75	21.63	21.8	21.62	21.71	22.50
		12	13	21.43	21.56	21.77	21.47	21.78	22.50
		25	0	21.72	21.5	21.96	21.51	21.66	22.50
	16QAM	1	0	21.48	21.3	21.29	21.46	21.71	22.50
		1	13	21.51	21.41	21.54	21.43	21.39	22.50
		1	24	21.57	21.37	21.58	21.3	21.6	22.50
		12	0	21.53	21.48	21.94	21.35	21.57	22.50
		12	6	21.38	21.55	21.71	21.53	21.51	22.50
		12	13	21.32	21.4	21.7	21.29	21.38	22.50
		25	0	21.6	21.77	21.87	21.38	21.38	22.50
	64QAM	1	0	21.34	21.50	21.70	21.25	21.38	22.50
		1	13	21.43	21.34	21.65	21.42	21.46	22.50
		1	24	21.34	21.28	21.65	21.34	21.46	22.50
		12	0	20.69	20.67	20.89	20.77	20.78	22.00
		12	6	20.67	20.52	20.83	20.60	20.58	22.00
		12	13	20.62	20.49	20.82	20.57	20.73	22.00
		25	0	20.51	20.62	20.70	20.42	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	21.42	21.52	21.85	21.59	21.83	22.50
		1	25	21.34	21.39	21.48	21.56	21.68	22.50
		1	49	21.51	21.55	21.93	21.34	21.7	22.50
		25	0	21.42	21.32	21.63	21.63	21.74	22.50
		25	13	21.69	21.58	21.81	21.63	21.62	22.50
		25	25	21.54	21.66	21.95	21.67	21.67	22.50
		50	0	21.48	21.61	21.73	21.44	21.5	22.50
	16QAM	1	0	21.45	21.29	21.28	21.51	21.63	22.50
		1	25	21.57	21.53	21.5	21.45	21.36	22.50
		1	49	21.64	21.39	21.64	21.38	21.49	22.50
		25	0	21.54	21.44	21.69	21.19	21.54	22.50
		25	13	21.41	21.71	21.82	21.47	21.68	22.50
		25	25	21.33	21.27	21.87	21.16	21.54	22.50
		50	0	21.64	21.54	21.93	21.35	21.35	22.50
	64QAM	1	0	21.32	21.53	21.68	21.24	21.41	22.50
		1	25	21.34	21.27	21.50	21.52	21.44	22.50
		1	49	21.45	21.17	21.45	21.25	21.50	22.50
		25	0	20.61	20.48	20.66	20.73	20.56	22.00
		25	13	20.76	20.59	20.72	20.45	20.73	22.00
		25	25	20.37	20.38	20.79	20.45	20.77	22.00

Bandwidth	Modulation	50	0	20.51	20.63	20.71	20.47	20.69	22.00	
		RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
15MHz	QPSK	1	0	21.42	21.66	21.87	21.38	21.74	22.50	
		1	38	21.59	21.62	21.5	21.44	21.67	22.50	
		1	74	21.47	21.3	21.85	21.46	21.7	22.50	
		36	0	21.65	21.56	21.78	21.61	21.56	22.50	
		36	18	21.56	21.64	21.97	21.48	21.46	22.50	
		36	39	21.59	21.46	21.92	21.48	21.59	22.50	
		75	0	21.48	21.55	21.93	21.72	21.47	22.50	
	16QAM	1	0	21.23	21.32	21.26	21.46	21.74	22.50	
		1	38	21.42	21.29	21.69	21.64	21.33	22.50	
		1	74	21.5	21.57	21.61	21.33	21.58	22.50	
		36	0	21.54	21.34	21.85	21.35	21.66	22.50	
		36	18	21.62	21.73	21.93	21.54	21.66	22.50	
		36	39	21.19	21.23	21.75	21.32	21.48	22.50	
		75	0	21.55	21.72	21.9	21.5	21.59	22.50	
	64QAM	1	0	21.60	21.33	21.71	21.40	21.42	22.50	
		1	38	21.41	21.53	21.45	21.29	21.41	22.50	
		1	74	21.45	21.31	21.39	21.32	21.32	22.50	
		36	0	20.59	20.70	20.83	20.53	20.59	22.00	
		36	18	20.57	20.38	20.86	20.58	20.61	22.00	
		36	39	20.58	20.50	20.88	20.46	20.80	22.00	
		75	0	20.43	20.63	20.83	20.50	20.74	22.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
	20MHz	QPSK	1	0	21.48	21.54	21.76	21.53	21.69	22.50
1			50	21.49	21.52	21.63	21.47	21.61	22.50	
1			99	21.46	21.42	21.78	21.38	21.66	22.50	
50			0	21.53	21.46	21.78	21.58	21.62	22.50	
50			25	21.61	21.61	21.85	21.60	21.58	22.50	
50			50	21.54	21.53	21.82	21.57	21.68	22.50	
100			0	21.61	21.64	21.83	21.57	21.59	22.50	
16QAM		1	0	21.37	21.31	21.32	21.45	21.65	22.50	
		1	50	21.42	21.42	21.55	21.52	21.39	22.50	
		1	99	21.51	21.48	21.67	21.41	21.57	22.50	
		50	0	21.43	21.47	21.79	21.33	21.57	22.50	
		50	25	21.48	21.58	21.84	21.39	21.63	22.50	
		50	50	21.31	21.37	21.79	21.22	21.51	22.50	
		100	0	21.53	21.63	21.78	21.47	21.45	22.50	
64QAM		1	0	21.47	21.46	21.63	21.39	21.48	22.50	
		1	50	21.35	21.39	21.57	21.37	21.41	22.50	
		1	99	21.30	21.32	21.54	21.34	21.40	22.50	
		50	0	20.56	20.57	20.76	20.62	20.63	22.00	
		50	25	20.62	20.52	20.80	20.57	20.64	22.00	
		50	50	20.52	20.51	20.80	20.53	20.67	22.00	
		100	0	20.38	20.58	20.82	20.42	20.63	22.00	

5 Conducted Power of Intra Band LTE Uplink CA

5.1 Conducted Power of LTE Uplink CA (Ant13)

Combination	Modulation	PCC					SCC					DSI 2		DSI 3		DSI 4		DSI 5/6		DSI 7	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Power	Tune-up (dBm)	Power	Tune-up (dBm)	Power	Tune-up (dBm)	Power	Tune-up (dBm)	Power	Tune-up (dBm)
CA_7C	QPSK	7	20	20850	1	0	7	20	21048	0	0	14.82	16.00	13.91	15.50	19.45	21.00	18.02	19.50	21.55	23.00
CA_7C	QPSK	7	20	21100	1	0	7	20	21298	0	0	14.88	16.00	14.05	15.50	19.47	21.00	18.07	19.50	21.57	23.00
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	0	0	14.78	16.00	14.01	15.50	19.42	21.00	17.91	19.50	21.27	23.00
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	0	0	14.86	16.00	13.85	15.50	19.38	21.00	17.93	19.50	21.39	23.00

Combination	Modulation	PCC					SCC					DSI 2/3		DSI 4		DSI 5/6		DSI 7	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	Power	Tune-up (dBm)	Power	Tune-up (dBm)	Power	Tune-up (dBm)	Power	Tune-up (dBm)
CA_41C	QPSK	41	20	39750	1	0	41	20	39948	0	0	16.99	18.00	21.21	22.50	19.94	21.00	23.84	25.00
CA_41C	QPSK	41	20	40185	1	0	41	20	40383	0	0	16.98	18.00	21.58	22.50	20.14	21.00	24.09	25.00
CA_41C	QPSK	41	20	40620	1	0	41	20	40818	0	0	16.93	18.00	21.25	22.50	19.85	21.00	23.92	25.00
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	0	0	16.88	18.00	21.32	22.50	19.98	21.00	23.8	25.00
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	0	0	16.92	18.00	21.08	22.50	19.8	21.00	23.78	25.00
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	0	0	16.97	18.00	21.24	22.50	19.8	21.00	23.88	25.00

5.2 Conducted Power of LTE Uplink CA (Ant41)

Combination	Modulation	PCC					SCC					DSI 2/3		DSI 4/7		DSI 5/6	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	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	7	20	21048	0	0	22.90	24.30	20.41	21.80	18.89	20.30
CA_7C	QPSK	7	20	21100	1	0	7	20	21298	0	0	23.03	24.30	20.55	21.80	18.88	20.30
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	0	0	23.02	24.30	20.54	21.80	18.87	20.30
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	0	0	23.16	24.30	20.51	21.80	19.08	20.30

Combination	Modulation	PCC					SCC					DSI 2/3		DSI 4/7		DSI 5/6	
		Band	BW (MHz)	UL Channel	UL # RB	UL RB Offset	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	41	20	39948	0	0	23.53	25.00	22.07	23.50	21.37	22.50
CA_41C	QPSK	41	20	40185	1	0	41	20	40383	0	0	23.42	25.00	21.86	23.50	21.15	22.50
CA_41C	QPSK	41	20	40620	1	0	41	20	40818	0	0	23.51	25.00	21.92	23.50	21.34	22.50
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	0	0	23.61	25.00	22.09	23.50	21.42	22.50
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	0	0	23.56	25.00	22.11	23.50	21.33	22.50
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	0	0	23.59	25.00	22.17	23.50	21.46	22.50

6 Conducted Power of Intra Band LTE Downlink CA

6.1 Conducted Power of LTE Downlink CA (Ant11)

DL LTE CA Class	PCC							SCC1		SCC2		SCC3		Power	
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
CA_5A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	/	/	/	/	23.47	23.57
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	/	/	/	/	23.59	23.62
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	/	/	/	/	23.43	23.61
CA_2A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	/	/	/	/	23.43	23.57
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	/	/	/	/	23.59	23.62
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	/	/	/	/	23.42	23.61
CA_2A-26A	Band 26	15M	821.5	26765	QPSK	1	0	Band 2	20M	/	/	/	/	22.47	22.56
	Band 26	15M	831.5	26865	QPSK	1	0	Band 2	20M	/	/	/	/	22.43	22.55
	Band 26	15M	841.5	26965	QPSK	1	0	Band 2	20M	/	/	/	/	22.42	22.51
CA_4A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	/	/	/	/	23.48	23.57
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	/	/	/	/	23.44	23.62
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	/	/	/	/	23.53	23.61
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	/	/	/	/	23.39	23.57
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	/	/	/	/	23.56	23.62
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	/	/	/	/	23.49	23.61
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	0	Band 38	20M	/	/	/	/	23.48	23.57
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	/	/	/	/	23.48	23.62
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	/	/	/	/	23.59	23.61
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	/	/	/	/	23.41	23.57
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	/	/	/	/	23.58	23.62
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	/	/	/	/	23.41	23.61
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	/	/	/	/	23.39	23.57
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	/	/	/	/	23.54	23.62
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	/	/	/	/	23.40	23.61
CA_26A-7A	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	/	/	/	/	22.49	22.56
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	/	/	/	/	22.47	22.55
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	/	/	/	/	22.43	22.51
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	/	/	/	/	22.37	22.56
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	/	/	/	/	22.35	22.55
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	/	/	/	/	22.38	22.51
CA_2A-4A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	23.52	23.57
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	23.60	23.62
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	23.43	23.61
CA_2A-5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	23.42	23.57
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	23.46	23.62
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	23.59	23.61
CA_2A-5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	Band 66	20M	/	/	23.46	23.57
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	Band 66	20M	/	/	23.41	23.62
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	Band 66	20M	/	/	23.60	23.61
CA_4A-4A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	23.48	23.57
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	23.46	23.62
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	23.57	23.61
CA_5A-7A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	23.53	23.57
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	23.47	23.62
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	23.39	23.61

CA_5A-66A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	Band 66	5M	/	/	23.51	23.57
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	Band 66	5M	/	/	23.51	23.62
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	Band 66	5M	/	/	23.41	23.61
CA_5A-7C	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	23.55	23.57
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	23.44	23.62
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	23.38	23.61
CA_5A-66C	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	Band 66	20M	/	/	23.50	23.57
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	Band 66	20M	/	/	23.48	23.62
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	Band 66	20M	/	/	23.53	23.61
CA_5A-7C-66A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	Band 7	20M	Band 66	20M	23.38	23.57
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 7	20M	Band 66	20M	23.50	23.62
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	Band 7	20M	Band 66	20M	23.51	23.61
CA_5A-7A-66A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	Band 66	20M	Band 66	5M	23.39	23.57
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 66	20M	Band 66	5M	23.56	23.62
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	Band 66	20M	Band 66	5M	23.38	23.61

6.2 Conducted Power of LTE Downlink CA (Ant13)

DL LTE CA Class	PCC							SCC1		SCC2		SCC3		Power	
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	/	/	/	/	22.92	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	23.10	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	23.14	23.16
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	22.89	23.06
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	23.70	23.82
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	23.63	23.82
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	23.68	23.75
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	23.52	23.67
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	23.78	23.94
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	23.92	23.93
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	23.68	23.73
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	23.05	23.11
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	22.89	23.07
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	22.94	23.12
CA_66B	Band 66	10M	1720	132022	QPSK	1	0	Band 66	10M	/	/	/	/	22.97	23.06
	Band 66	10M	1745	132322	QPSK	1	0	Band 66	10M	/	/	/	/	22.86	23.08
	Band 66	10M	1770	132622	QPSK	1	0	Band 66	10M	/	/	/	/	22.91	23.03
CA_7B	Band 7	15M	2507.5	20825	QPSK	1	0	Band 7	5M	/	/	/	/	22.93	23.05
	Band 7	15M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	23.04	23.22
	Band 7	15M	2562.5	21375	QPSK	1	0	Band 7	5M	/	/	/	/	22.92	23.14
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	/	/	/	/	22.61	22.81
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	/	/	/	/	23.01	23.09
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	/	/	/	/	22.78	22.95
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	/	/	/	/	22.76	22.94
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	/	/	/	/	22.95	22.99
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	/	/	/	/	22.82	23.03
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	/	/	/	/	23.09	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	23.04	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	/	/	/	/	22.95	23.16
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	/	/	/	/	23.65	23.75
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	/	/	/	/	23.50	23.67
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	/	/	/	/	23.79	23.94
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	/	/	/	/	23.84	23.93
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	/	/	/	/	23.68	23.73
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	/	/	/	/	22.88	23.11
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	22.88	23.07
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	/	/	/	/	23.11	23.12
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	/	/	/	/	22.80	22.81
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	/	/	/	/	22.94	23.09
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	/	/	/	/	22.81	22.95
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	/	/	/	/	22.86	22.94
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	/	/	/	/	22.87	22.99
CA_2A-5A	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	/	/	/	/	22.99	23.03
	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	/	/	/	/	22.65	22.81
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	/	/	/	/	22.97	23.09
CA_2A-7A	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	/	/	/	/	22.76	22.95
	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	/	/	/	/	22.73	22.81
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	/	/	/	/	22.95	23.09

	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	/	/	/	/	22.75	22.95
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	/	/	/	/	22.90	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	/	/	/	/	23.23	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	/	/	/	/	23.01	23.16
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	22.64	22.81
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	22.94	23.09
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	22.81	22.95
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	/	/	/	/	22.63	22.81
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	/	/	/	/	23.02	23.09
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	/	/	/	/	22.80	22.95
	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	/	/	/	/	23.05	23.06
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	/	/	/	/	23.69	23.82
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	/	/	/	/	23.78	23.82
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	/	/	/	/	22.59	22.81
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	/	/	/	/	22.93	23.09
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	/	/	/	/	22.75	22.95
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	/	/	/	/	23.03	23.11
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	/	/	/	/	22.90	23.07
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	/	/	/	/	23.10	23.12
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	22.85	22.94
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	22.78	22.99
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	22.81	23.03
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	/	/	/	/	22.80	22.94
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	/	/	/	/	22.97	22.99
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	/	/	/	/	22.90	23.03
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	/	/	/	/	22.98	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	/	/	/	/	23.20	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	/	/	/	/	23.08	23.16
CA_7A-5A	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	/	/	/	/	23.06	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	/	/	/	/	23.01	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	/	/	/	/	22.93	23.16
CA_5A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	/	/	/	/	22.94	23.06
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	/	/	/	/	23.69	23.82
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	/	/	/	/	23.78	23.82
CA_5A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	/	/	/	/	23.65	23.75
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	/	/	/	/	23.45	23.67
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	/	/	/	/	23.87	23.94
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	/	/	/	/	23.89	23.93
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	/	/	/	/	23.50	23.73
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	/	/	/	/	22.96	23.11
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	/	/	/	/	22.92	23.07
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	/	/	/	/	22.93	23.12
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	23.00	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	23.07	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	23.06	23.16
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	/	/	/	/	22.96	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	/	/	/	/	23.15	23.24

	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	/	/	/	/	22.94	23.16
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	/	/	/	/	22.90	23.11
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	/	/	/	/	22.96	23.07
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	/	/	/	/	23.05	23.12
CA_26A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	/	/	/	/	23.56	23.75
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	/	/	/	/	23.50	23.67
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	/	/	/	/	23.86	23.94
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	/	/	/	/	23.87	23.93
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	/	/	/	/	23.54	23.73
CA_2A-4A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	Band 5	10M	/	/	22.58	22.81
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 5	10M	/	/	22.94	23.09
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	Band 5	10M	/	/	22.90	22.95
	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	Band 2	20M	/	/	22.81	22.94
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	Band 2	20M	/	/	22.90	22.99
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	Band 2	20M	/	/	22.93	23.03
CA_2A-4A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	Band 7	20M	/	/	22.77	22.81
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	Band 7	20M	/	/	22.96	23.09
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	Band 7	20M	/	/	22.74	22.95
	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	Band 2	20M	/	/	22.87	22.94
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 2	20M	/	/	22.85	22.99
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	Band 2	20M	/	/	22.95	23.03
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	22.90	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	23.15	23.24
Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	23.01	23.16	
CA_2A-5A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	22.65	22.81
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	22.93	23.09
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	22.76	22.95
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	Band 5	10M	/	/	22.98	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	Band 5	10M	/	/	23.12	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	Band 5	10M	/	/	22.93	23.16
CA_2A-5A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	Band 66	20M	/	/	22.65	22.81
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	Band 66	20M	/	/	22.86	23.09
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	Band 66	20M	/	/	22.89	22.95
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	Band 5	10M	/	/	23.07	23.11
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 5	10M	/	/	23.04	23.07
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	Band 5	10M	/	/	22.98	23.12
CA_2A-7A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	Band 7	5M	/	/	22.68	22.81
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 7	5M	/	/	22.88	23.09
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	Band 7	5M	/	/	22.79	22.95
	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	Band 2	20M	/	/	22.93	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	Band 2	20M	/	/	23.12	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	Band 2	20M	/	/	22.95	23.16
CA_2A-7A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	22.66	22.81
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	23.05	23.09
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	22.75	22.95
	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	23.02	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	23.09	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	23.06	23.16
	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	22.83	23.06
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	23.62	23.82
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	23.63	23.82
CA_2A-7A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	22.69	22.81

	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	23.05	23.09
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	22.73	22.95
	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	22.99	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	23.15	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	Band 2	20M	/	/	23.13	23.16
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	23.08	23.11
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	22.96	23.07
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	23.01	23.12
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	22.93	22.94
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	22.79	22.99
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 5	10M	/	/	22.80	23.03
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	22.87	22.94
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	22.85	22.99
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	Band 7	20M	/	/	22.84	23.03
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	22.96	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	23.07	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	22.96	23.16
CA_7A-5A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	23.00	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	23.14	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	23.10	23.16
	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	23.02	23.11
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	23.05	23.07
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	Band 7	20M	/	/	23.00	23.12
CA_5A-66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	Band 5	10M	/	/	23.02	23.11
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	Band 5	10M	/	/	22.87	23.07
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	Band 5	10M	/	/	23.11	23.12
CA_7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	Band 66	5M	/	/	23.04	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	Band 66	5M	/	/	23.14	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	Band 66	5M	/	/	22.99	23.16
	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	Band 7	20M	/	/	22.96	23.11
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	Band 7	20M	/	/	22.90	23.07
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	Band 7	20M	/	/	23.04	23.12
CA_41A-41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	23.59	23.75
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	23.49	23.67
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	23.80	23.94
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	23.81	23.93
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	23.58	23.73
CA_2A-7C	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	22.60	22.81
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	23.05	23.09
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	22.74	22.95
	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 2	20M	/	/	22.91	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 2	20M	/	/	23.14	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 2	20M	/	/	23.01	23.16
CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	22.80	22.94
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	22.98	22.99
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	22.91	23.03
	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 4	20M	/	/	23.10	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 4	20M	/	/	23.12	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 4	20M	/	/	23.06	23.16

CA_5A-7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 5	10M	/	/	23.07	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 5	10M	/	/	23.07	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 5	10M	/	/	23.05	23.16
CA_5A-66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	22.97	23.11
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	22.93	23.07
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	Band 5	10M	/	/	23.01	23.12
CA_7C-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	22.92	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	23.01	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	23.07	23.16
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	22.90	23.11
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	23.00	23.07
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	Band 7	20M	/	/	22.97	23.12
CA_41D	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	23.71	23.75
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	23.51	23.67
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	23.87	23.94
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	23.76	23.93
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	Band 41	20M	/	/	23.56	23.73
CA_5A-7C-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 5	10M	Band 66	20M	23.01	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 5	10M	Band 66	20M	23.15	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 5	10M	Band 66	20M	23.04	23.16
	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	23.10	23.11
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	22.96	23.07
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	Band 7	20M	Band 7	20M	23.01	23.12
CA_5A-7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	5M	23.01	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	5M	23.09	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	Band 66	20M	Band 66	5M	22.98	23.16
	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	Band 5	10M	Band 7	20M	22.97	23.11
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	Band 5	10M	Band 7	20M	22.98	23.07
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	Band 5	10M	Band 7	20M	22.95	23.12
CA_2A-7C-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	Band 7	20M	Band 38	20M	22.63	22.81
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	Band 7	20M	Band 38	20M	22.88	23.09
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	Band 7	20M	Band 38	20M	22.83	22.95
	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 2	20M	Band 38	20M	23.03	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 2	20M	Band 38	20M	23.17	23.24
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 2	20M	Band 38	20M	23.04	23.16
	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	22.92	23.06
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	23.76	23.82
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	Band 7	20M	Band 7	20M	23.64	23.82
CA_7C-66A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	Band 66	20M	Band 66	5M	22.90	23.11
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	Band 66	20M	Band 66	5M	23.16	23.24

	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	Band 66	20M	Band 66	5M	23.01	23.16
	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	Band 7	20M	Band 7	20M	22.96	23.11
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	Band 7	20M	Band 7	20M	23.06	23.07
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	Band 7	20M	Band 7	20M	22.93	23.12

6.3 Conducted Power of LTE Downlink CA (Ant31)

DL LTE CA Class	PCC							SCC1		SCC2		SCC3		Power	
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
CA_5A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	/	/	/	/	22.94	23.06
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	/	/	/	/	22.97	23.08
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	/	/	/	/	22.97	23.06
CA_2A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	/	/	/	/	22.85	23.06
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	/	/	/	/	23.00	23.08
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	/	/	/	/	22.94	23.06
CA_2A-26A	Band 26	15M	821.5	26765	QPSK	1	0	Band 2	20M	/	/	/	/	22.33	22.44
	Band 26	15M	831.5	26865	QPSK	1	0	Band 2	20M	/	/	/	/	22.47	22.53
	Band 26	15M	841.5	26965	QPSK	1	0	Band 2	20M	/	/	/	/	22.43	22.53
CA_4A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	/	/	/	/	22.96	23.06
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	/	/	/	/	23.05	23.08
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	/	/	/	/	23.00	23.06
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	/	/	/	/	23.03	23.06
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	/	/	/	/	22.97	23.08
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	/	/	/	/	23.05	23.06
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	0	Band 38	20M	/	/	/	/	23.02	23.06
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	/	/	/	/	23.01	23.08
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	/	/	/	/	23.03	23.06
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	/	/	/	/	22.84	23.06
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	/	/	/	/	22.86	23.08
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	/	/	/	/	22.95	23.06
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	/	/	/	/	23.00	23.06
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	/	/	/	/	22.85	23.08
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	/	/	/	/	22.89	23.06
CA_26A-7A	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	/	/	/	/	22.37	22.44
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	/	/	/	/	22.50	22.53
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	/	/	/	/	22.36	22.53
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	/	/	/	/	22.37	22.44
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	/	/	/	/	22.47	22.53
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	/	/	/	/	22.44	22.53
CA_2A-4A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	22.92	23.06
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	22.85	23.08
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	Band 4	20M	/	/	22.83	23.06
CA_2A-5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	22.97	23.06
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	22.90	23.08
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	Band 7	20M	/	/	22.97	23.06
CA_2A-5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	Band 66	20M	/	/	22.92	23.06
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	Band 66	20M	/	/	23.07	23.08
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	Band 66	20M	/	/	23.04	23.06
CA_4A-4A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	23.03	23.06
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	23.06	23.08
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	Band 4	5M	/	/	23.03	23.06
CA_5A-7A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	22.86	23.06
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	Band 66	20M	/	/	22.95	23.08