

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

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	16QAM	1	0	16.86	16.69	16.6	16.73	16.82	17.50
		1	50	17.03	17.18	17.25	17.28	17.2	17.50
		1	99	17.19	17.2	17.05	17.21	17.08	17.50
		50	0	16.54	16.76	16.64	16.84	16.6	17.50
		50	25	16.5	16.83	16.69	16.76	16.71	17.50
		50	50	16.61	16.76	16.61	16.84	16.7	17.50
		100	0	16.68	16.65	16.85	16.8	16.61	17.50
	64QAM	1	0	16.78	17.11	17.16	17.29	17.01	17.50
		1	50	16.69	17.05	16.95	17.19	16.96	17.50
		1	99	16.87	16.91	16.78	16.93	16.83	17.50
		50	0	16.62	16.62	16.43	16.74	16.58	17.50
		50	25	16.61	16.58	16.48	16.56	16.55	17.50
		50	50	16.73	16.68	16.57	16.59	16.43	17.50
		100	0	16.52	16.68	16.72	16.91	16.83	17.50
	256QAM	1	0	16.40	16.57	16.51	16.61	16.40	17.50
		1	50	16.48	16.58	16.65	16.6	16.52	17.50
		1	99	16.58	16.35	16.55	16.43	16.41	17.50
		50	0	16.50	16.82	16.86	16.96	16.78	17.50
		50	25	16.63	16.78	16.70	16.85	16.83	17.50
		50	50	16.65	16.7	16.81	16.98	16.68	17.50
		100	0	16.75	16.59	16.87	16.79	16.69	17.50

LTE Band 41 (2496 - 2690) PC2 ECI 4				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	25.35	26.09	25.83	25.95	25.83	27.00
		1	13	25.82	25.75	25.69	25.81	25.6	27.00
		1	24	25.62	25.91	25.5	25.83	25.61	27.00
		12	0	24.65	25.09	24.82	24.82	24.94	26.00
		12	6	24.69	24.85	24.63	24.92	24.77	26.00
		12	13	24.64	24.7	24.95	24.8	24.66	26.00
	16QAM	25	0	24.77	24.87	24.76	24.74	24.77	26.00
		1	0	24.64	24.8	24.6	24.6	24.85	26.00
		1	13	25.16	24.91	24.91	24.93	24.9	26.00
		1	24	25.01	25.28	25	24.99	24.85	26.00
		12	0	23.86	24.09	23.64	23.54	23.77	25.00
		12	6	24.03	24.03	23.79	23.67	23.9	25.00
	64QAM	12	13	23.94	23.92	23.82	23.83	23.96	25.00
		25	0	23.82	23.81	23.83	23.75	23.77	25.00
		1	0	23.52	24.07	23.88	23.88	23.80	25.00
		1	13	23.69	23.82	23.66	23.58	23.77	25.00
		1	24	23.84	23.97	23.53	23.70	23.94	25.00
		12	0	22.61	23.02	22.95	22.89	22.76	24.00
	256QAM	12	6	22.77	22.86	22.95	22.89	22.66	24.00
		12	13	22.78	23.20	22.96	23.06	22.90	24.00
		25	0	22.85	23.01	22.88	22.86	22.70	24.00
		1	0	20.56	21.09	20.93	20.80	20.84	22.00
		1	13	20.70	21.04	20.93	20.92	20.80	22.00
		1	24	20.82	20.98	20.82	20.98	20.63	22.00
		12	0	20.81	21.03	21.04	20.85	21.02	22.00
		12	6	20.98	20.98	21.09	20.95	20.78	22.00
		12	13	21.07	21.05	21.02	21.00	20.81	22.00
		25	0	20.56	20.89	20.85	20.91	20.75	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	25.34	25.99	25.77	25.92	25.81	27.00
		1	25	25.76	25.81	25.68	25.85	25.58	27.00
		1	49	25.56	25.88	25.6	25.79	25.54	27.00
		25	0	24.73	24.99	24.76	24.76	24.92	26.00



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 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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		25	13	24.73	24.87	24.6	24.88	24.73	26.00
		25	25	24.69	24.79	24.92	24.73	24.73	26.00
		50	0	24.7	24.8	24.74	24.64	24.79	26.00
	16QAM	1	0	24.63	24.86	24.61	24.61	24.79	26.00
		1	25	25.11	24.98	24.98	24.97	24.98	26.00
		1	49	24.99	25.29	25.1	25	24.93	26.00
		25	0	23.83	24.02	23.64	23.64	23.86	25.00
		25	13	24	23.97	23.76	23.68	23.95	25.00
		25	25	23.92	24.01	23.91	23.78	23.87	25.00
		50	0	23.73	23.83	23.87	23.77	23.78	25.00
		1	0	23.42	24.01	23.92	23.82	23.85	25.00
	64QAM	1	25	23.77	23.84	23.61	23.65	23.72	25.00
		1	49	23.92	23.89	23.61	23.61	23.93	25.00
		25	0	22.68	23.01	22.90	22.98	22.79	24.00
		25	13	22.78	22.90	22.91	22.97	22.72	24.00
		25	25	22.77	23.16	22.89	23.02	22.81	24.00
		50	0	22.78	23.06	22.85	22.92	22.65	24.00
	256QAM	1	0	20.66	21.03	20.85	20.85	20.87	22.00
		1	25	20.73	20.97	20.92	20.90	20.84	22.00
		1	49	20.73	21.02	20.83	21.04	20.68	22.00
		25	0	20.78	20.93	21.08	20.94	20.93	22.00
		25	13	20.91	20.95	21.05	20.99	20.80	22.00
		25	25	20.99	21.12	21.04	21.04	20.87	22.00
		50	0	20.63	20.95	20.86	20.89	20.70	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	25.43	25.94	25.73	25.88	25.82	27.00
		1	38	25.78	25.75	25.59	25.83	25.63	27.00
		1	74	25.54	25.81	25.61	25.75	25.58	27.00
		36	0	24.81	24.96	24.76	24.8	24.84	26.00
		36	18	24.78	24.88	24.69	24.8	24.66	26.00
		36	39	24.77	24.77	24.82	24.73	24.74	26.00
		75	0	24.77	24.79	24.77	24.62	24.81	26.00
	16QAM	1	0	24.59	24.92	24.66	24.68	24.82	26.00
		1	38	25.09	25.01	24.88	24.9	25.03	26.00
		1	74	24.99	25.31	25.11	24.91	24.86	26.00
		36	0	23.77	23.98	23.73	23.72	23.87	25.00
		36	18	23.91	23.92	23.72	23.78	23.91	25.00
		36	39	23.85	23.98	23.83	23.84	23.82	25.00
		75	0	23.83	23.87	23.88	23.87	23.81	25.00
	64QAM	1	0	23.52	23.99	23.87	23.91	23.86	25.00
		1	38	23.71	23.81	23.66	23.73	23.75	25.00
		1	74	23.83	23.80	23.59	23.65	23.86	25.00
		36	0	22.67	23.08	22.91	22.94	22.77	24.00
		36	18	22.76	22.99	22.86	22.91	22.79	24.00
		36	39	22.80	23.07	22.97	23.00	22.87	24.00
		75	0	22.87	22.97	22.91	22.84	22.71	24.00
	256QAM	1	0	20.73	21.13	20.90	20.88	20.84	22.00
		1	38	20.69	20.94	20.92	20.89	20.77	22.00
		1	74	20.82	20.97	20.79	20.96	20.73	22.00
		36	0	20.81	20.96	20.98	21.02	20.83	22.00
		36	18	20.92	20.96	21.04	21.01	20.76	22.00
		36	39	20.98	21.11	20.96	20.95	20.89	22.00
		75	0	20.68	20.95	20.87	20.85	20.78	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	25.69	25.92	25.7	25.84	25.75	27.00
		1	50	25.53	25.83	25.69	25.78	25.71	27.00
		1	99	25.58	25.72	25.64	25.75	25.63	27.00
		50	0	24.73	24.89	24.74	24.75	24.78	26.00
		50	25	24.8	24.79	24.69	24.7	24.76	26.00



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	16QAM	50	50	24.83	24.86	24.72	24.72	24.77	26.00
		100	0	24.8	24.85	24.72	24.71	24.78	26.00
		1	0	24.51	24.86	24.73	24.71	24.85	26.00
		1	50	24.99	24.91	24.84	24.84	24.95	26.00
		1	99	24.93	25.21	25.04	24.99	24.83	26.00
		50	0	23.77	23.9	23.78	23.8	23.84	25.00
		50	25	23.83	23.94	23.78	23.79	23.84	25.00
		50	50	23.86	23.9	23.78	23.76	23.84	25.00
		100	0	23.83	23.97	23.8	23.85	23.87	25.00
	64QAM	1	0	23.62	23.94	23.79	23.81	23.85	25.00
		1	50	23.78	23.91	23.76	23.74	23.83	25.00
		1	99	23.87	23.75	23.68	23.66	23.84	25.00
		50	0	22.74	23.09	22.92	22.89	22.83	24.00
		50	25	22.79	23	22.92	22.97	22.81	24.00
		50	50	22.83	22.97	22.90	22.94	22.83	24.00
	256QAM	100	0	22.79	23.02	22.87	22.85	22.80	24.00
		1	0	20.66	21.04	20.93	20.92	20.85	22.00
		1	50	20.67	20.89	20.82	20.84	20.73	22.00
		1	99	20.85	20.99	20.85	20.89	20.75	22.00
		50	0	20.77	21.06	20.99	20.95	20.88	22.00
		50	25	20.83	21.05	20.95	20.93	20.86	22.00
		50	50	20.89	21.1	20.94	20.94	20.86	22.00
		100	0	20.78	21.02	20.89	20.91	20.82	22.00

LTE Band 41 (2496 - 2690) PC2 ECI 2				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	39675	40148	40620	41093	41565	22.50
		1	13	21.36	21.58	21.57	21.4	21.47	22.50
		1	24	21.42	21.42	21.35	21.48	21.24	22.50
		12	0	21.24	21.62	21.44	21.61	21.34	22.50
		12	6	21.34	21.53	21.35	21.4	21.6	22.50
		12	13	21.43	21.56	21.42	21.25	21.54	22.50
	16QAM	12	13	21.67	21.59	21.5	21.4	21.51	22.50
		25	0	21.59	21.56	21.5	21.53	21.58	22.50
		1	0	21.3	21.7	21.43	21.4	21.63	22.50
		1	13	21.58	21.76	21.58	21.63	21.71	22.50
		1	24	21.57	21.87	21.61	21.72	21.34	22.50
		12	0	21.61	21.56	21.58	21.7	21.56	22.50
	64QAM	12	6	21.69	21.64	21.5	21.44	21.52	22.50
		12	13	21.55	21.53	21.52	21.55	21.52	22.50
		25	0	21.62	21.53	21.51	21.36	21.73	22.50
		1	0	21.44	21.69	21.54	21.59	21.46	22.50
		1	13	21.48	21.68	21.38	21.40	21.52	22.50
		1	24	21.67	21.47	21.34	21.33	21.48	22.50
	256QAM	12	0	21.50	21.71	21.66	21.63	21.44	22.50
		12	6	21.57	21.64	21.68	21.77	21.45	22.50
		12	13	21.63	21.79	21.67	21.57	21.60	22.50
		25	0	21.50	21.72	21.64	21.43	21.63	22.50
		1	0	20.77	20.93	20.84	20.80	20.96	22.00
		1	13	20.82	20.83	20.71	20.86	20.72	22.00
10MHz	QPSK	1	24	21.00	21.00	21.00	20.95	20.64	22.00
		12	0	20.84	20.90	21.15	21.04	20.79	22.00
		12	6	20.88	21.01	20.95	20.79	21.02	22.00
		12	13	20.73	21.15	20.80	20.87	20.79	22.00
		25	0	20.61	21.06	20.86	21.07	20.95	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	39700	40160	40620	41080	41540	22.50
		1	25	21.36	21.58	21.57	21.4	21.47	22.50
				21.42	21.42	21.35	21.48	21.24	22.50



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		1	49	21.24	21.62	21.44	21.61	21.34	22.50
		25	0	21.34	21.53	21.35	21.4	21.6	22.50
		25	13	21.43	21.56	21.42	21.25	21.54	22.50
		25	25	21.67	21.59	21.5	21.4	21.51	22.50
		50	0	21.59	21.56	21.5	21.53	21.58	22.50
	16QAM	1	0	21.3	21.7	21.43	21.4	21.63	22.50
		1	25	21.58	21.76	21.58	21.63	21.71	22.50
		1	49	21.57	21.87	21.61	21.72	21.34	22.50
		25	0	21.61	21.56	21.58	21.7	21.56	22.50
		25	13	21.69	21.64	21.5	21.44	21.52	22.50
	64QAM	25	25	21.55	21.53	21.52	21.55	21.52	22.50
		50	0	21.62	21.53	21.51	21.36	21.73	22.50
		1	0	21.44	21.69	21.54	21.59	21.46	22.50
		1	25	21.48	21.68	21.38	21.40	21.52	22.50
		1	49	21.67	21.47	21.34	21.33	21.48	22.50
	256QAM	25	0	21.50	21.71	21.66	21.63	21.44	22.50
		25	13	21.57	21.64	21.68	21.77	21.45	22.50
		25	25	21.63	21.79	21.67	21.57	21.60	22.50
		50	0	21.50	21.72	21.64	21.43	21.63	22.50
		1	0	20.77	20.93	20.84	20.80	20.96	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	21.36	21.58	21.57	21.4	21.47	22.50
		1	38	21.42	21.42	21.35	21.48	21.24	22.50
		1	74	21.24	21.62	21.44	21.61	21.34	22.50
		36	0	21.34	21.53	21.35	21.4	21.6	22.50
		36	18	21.43	21.56	21.42	21.25	21.54	22.50
		36	39	21.67	21.59	21.5	21.4	21.51	22.50
	16QAM	75	0	21.59	21.56	21.5	21.53	21.58	22.50
		1	0	21.3	21.7	21.43	21.4	21.63	22.50
		1	38	21.58	21.76	21.58	21.63	21.71	22.50
		1	74	21.57	21.87	21.61	21.72	21.34	22.50
		36	0	21.61	21.56	21.58	21.7	21.56	22.50
		36	18	21.69	21.64	21.5	21.44	21.52	22.50
	64QAM	36	39	21.55	21.53	21.52	21.55	21.52	22.50
		75	0	21.62	21.53	21.51	21.36	21.73	22.50
		1	0	21.44	21.69	21.54	21.59	21.46	22.50
		1	38	21.48	21.68	21.38	21.40	21.52	22.50
		1	74	21.67	21.47	21.34	21.33	21.48	22.50
		36	0	21.50	21.71	21.66	21.63	21.44	22.50
	256QAM	36	18	21.57	21.64	21.68	21.77	21.45	22.50
		36	39	21.63	21.79	21.67	21.57	21.60	22.50
		75	0	21.50	21.72	21.64	21.43	21.63	22.50
		1	0	20.77	20.93	20.84	20.80	20.96	22.00
		1	38	20.82	20.83	20.71	20.86	20.72	22.00
		1	74	21.00	21.00	21.00	20.95	20.64	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.41	21.41	21.4	21.51	21.44	22.50
		1	50	21.35	21.36	21.32	21.49	21.44	22.50
		1	99	21.23	21.46	21.34	21.45	21.26	22.50



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		50	0	21.66	21.59	21.53	21.5	21.49	22.50
		50	25	21.47	21.59	21.3	21.32	21.5	22.50
		50	50	21.52	21.59	21.47	21.51	21.54	22.50
		100	0	21.57	21.44	21.43	21.44	21.44	22.50
	16QAM	1	0	21.25	21.49	21.4	21.48	21.53	22.50
		1	50	21.69	21.69	21.44	21.53	21.54	22.50
		1	99	21.6	21.89	21.77	21.81	21.46	22.50
		50	0	21.58	21.59	21.59	21.52	21.61	22.50
		50	25	21.55	21.61	21.51	21.48	21.62	22.50
		50	50	21.49	21.49	21.56	21.52	21.49	22.50
		100	0	21.52	21.68	21.52	21.54	21.59	22.50
	64QAM	1	0	21.41	21.64	21.49	21.5	21.67	22.50
		1	50	21.50	21.64	21.37	21.39	21.53	22.50
		1	99	21.65	21.42	21.30	21.26	21.62	22.50
		50	0	21.48	21.71	21.69	21.57	21.60	22.50
		50	25	21.50	21.73	21.67	21.79	21.51	22.50
		50	50	21.61	21.68	21.58	21.66	21.54	22.50
	256QAM	100	0	21.42	21.7	21.49	21.53	21.48	22.50
		1	0	20.66	21.11	20.95	20.82	20.82	22.00
		1	50	20.70	20.86	20.77	20.81	20.68	22.00
		1	99	20.84	21.04	20.88	20.97	20.77	22.00
		50	0	20.76	20.99	21.09	20.96	20.87	22.00
		50	25	20.83	21.02	21.05	20.92	20.84	22.00
		50	50	20.80	21.2	20.99	20.88	20.80	22.00
		100	0	20.66	20.96	20.80	20.89	20.87	22.00

LTE Band 41 (2496 - 2690) PC2 ECI 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	20.1	20.2	19.79	19.98	20.11	21.00
		1	13	19.79	19.98	20.29	20.18	20.17	21.00
		1	24	19.86	19.9	19.96	19.99	20.2	21.00
		12	0	20.12	20.02	20.01	20.15	20.17	21.00
		12	6	20.17	20.08	19.77	19.83	20.26	21.00
		12	13	20.09	20.02	19.9	19.83	19.91	21.00
	16QAM	25	0	20	19.84	20.12	19.95	20.19	21.00
		1	0	19.7	20.02	20	19.81	19.83	21.00
		1	13	20.25	20.13	19.98	20.03	20.06	21.00
		1	24	19.93	20.41	20.21	20.3	19.93	21.00
		12	0	20.19	20.16	19.69	20	19.7	21.00
		12	6	19.77	19.95	20.37	19.87	20.14	21.00
	64QAM	12	13	19.83	20.16	19.94	19.72	20	21.00
		25	0	19.96	20.28	19.95	20.06	20.18	21.00
		1	0	19.68	20.14	19.94	19.95	20.09	21.00
		1	13	19.76	19.96	19.99	20.01	20.14	21.00
		1	24	19.80	19.81	19.92	19.68	19.88	21.00
		12	0	19.91	20.31	20.20	20.10	20.11	21.00
	256QAM	12	6	19.84	20.10	20.08	20.09	20.00	21.00
		12	13	20.03	20.14	20.30	20.17	20.17	21.00
		25	0	20.04	20.20	19.91	19.95	19.94	21.00
		1	0	19.65	20.10	20.02	19.88	20.24	21.00
		1	13	19.69	19.79	19.88	19.88	19.77	21.00
		1	24	20.01	19.90	20.14	20.19	19.65	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	



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10MHz	QPSK	1	0	20.05	20.11	19.85	20.01	20.19	21.00
		1	25	19.89	20.03	20.31	20.15	20.1	21.00
		1	49	19.86	19.96	20.04	19.95	20.15	21.00
		25	0	20.09	20.11	19.91	20.1	20.26	21.00
		25	13	20.15	20.09	19.85	19.91	20.19	21.00
		25	25	20.11	20.03	19.97	19.85	19.93	21.00
	16QAM	50	0	20.01	19.86	20.08	19.88	20.15	21.00
		1	0	19.79	20.12	19.91	19.88	19.84	21.00
		1	25	20.24	20.06	20.08	20.11	19.99	21.00
		1	49	19.93	20.32	20.19	20.3	19.97	21.00
		25	0	20.09	20.17	19.78	20.04	19.8	21.00
		25	13	19.87	20.01	20.28	19.95	20.1	21.00
	64QAM	25	25	19.91	20.08	19.86	19.79	19.93	21.00
		50	0	19.95	20.31	20.02	19.96	20.23	21.00
		1	0	19.78	20.22	19.91	20.04	20.09	21.00
		1	25	19.85	19.88	19.96	20.08	20.10	21.00
		1	49	19.87	19.79	19.88	19.72	19.93	21.00
		25	0	19.86	20.25	20.21	20.09	20.01	21.00
	256QAM	25	13	19.83	20.17	20.12	20.09	20.07	21.00
		25	25	19.97	20.07	20.35	20.27	20.21	21.00
		50	0	20.01	20.26	19.96	20.03	19.91	21.00
		1	0	19.71	20.13	19.97	19.80	20.16	21.00
		1	25	19.76	19.76	19.83	19.91	19.73	21.00
		1	49	20.04	19.93	20.06	20.10	19.74	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	19.96	20.06	19.94	20.05	20.24	21.00
		1	38	19.83	20.03	20.23	20.22	20.04	21.00
		1	74	19.81	20.02	19.97	19.95	20.08	21.00
		36	0	20.12	20.21	19.84	20.02	20.23	21.00
		36	18	20.1	20.12	19.94	19.88	20.13	21.00
		36	39	20.06	19.99	19.92	19.9	19.95	21.00
	16QAM	75	0	19.92	19.95	20.05	19.81	20.07	21.00
		1	0	19.78	20.02	19.81	19.96	19.82	21.00
		1	38	20.25	20.02	20.01	20.01	20.02	21.00
		1	74	20	20.32	20.22	20.29	19.99	21.00
		36	0	20.02	20.15	19.81	19.99	19.83	21.00
		36	18	19.92	20.03	20.19	19.91	20.01	21.00
	64QAM	36	39	19.87	20.16	19.95	19.88	19.96	21.00
		75	0	20.04	20.21	20.08	19.89	20.14	21.00
		1	0	19.78	20.17	19.97	20.10	20.06	21.00
		1	38	19.91	19.97	20.04	20.07	20.03	21.00
		1	74	19.82	19.84	19.93	19.73	19.91	21.00
		36	0	19.88	20.26	20.11	20.18	20.02	21.00
	256QAM	36	18	19.85	20.24	20.03	20.14	19.98	21.00
		36	39	20.02	20.06	20.26	20.20	20.21	21.00
		75	0	19.99	20.29	19.94	20.07	19.94	21.00
		1	0	19.72	20.12	19.95	19.74	20.07	21.00
		1	38	19.68	19.82	19.81	19.87	19.77	21.00
		1	74	19.99	19.88	19.98	20.00	19.69	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	20	20.11	20.04	20.17	20.13	21.00



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		1	50	19.91	20	20.16	20.15	20	21.00
		1	99	19.85	19.99	19.99	19.98	20.07	21.00
		50	0	20.17	20.17	19.78	19.98	20.14	21.00
		50	25	20.08	20.09	19.92	19.92	20.03	21.00
		50	50	20.11	20.07	19.83	19.84	19.93	21.00
		100	0	19.89	20.01	20.05	19.86	20.05	21.00
	16QAM	1	0	19.79	20.08	19.85	19.88	19.91	21.00
		1	50	20.27	20.1	20.04	19.93	20.05	21.00
		1	99	19.99	20.27	20.28	20.19	20.02	21.00
		50	0	20.01	20.05	19.87	19.89	19.91	21.00
		50	25	19.97	20.11	20.09	19.9	20.05	21.00
		50	50	19.93	20.1	20	19.91	20.02	21.00
	64QAM	100	0	20.09	20.19	20.02	19.97	20.15	21.00
		1	0	19.78	20.19	20.03	20.04	20.05	21.00
		1	50	19.97	19.99	19.97	19.99	20.09	21.00
		1	99	19.92	19.9	19.89	19.74	19.98	21.00
		50	0	19.80	20.33	20.17	20.09	20.07	21.00
		50	25	19.93	20.16	20.13	20.17	19.91	21.00
	256QAM	50	50	20.08	20.12	20.24	20.11	20.12	21.00
		100	0	20.03	20.22	20.00	20.12	19.91	21.00
		1	0	19.71	20.05	20.03	19.84	19.99	21.00
		1	50	19.69	19.9	19.71	19.88	19.76	21.00
		1	99	19.95	19.83	19.89	19.92	19.63	21.00
		50	0	19.72	20.06	19.98	20.04	19.98	21.00
		50	25	19.91	20.04	19.83	20.06	19.89	21.00
		50	50	19.96	20.12	19.91	19.91	19.95	21.00
		100	0	19.73	20.08	19.87	19.97	19.72	21.00

LTE Band 41 (2496 - 2690) PC2 ECI 7				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	18.27	18.8	18.4	18.7	18.65	19.50
		1	13	18.39	18.44	18.49	18.76	18.4	19.50
		1	24	18.21	18.45	18.28	18.6	18.39	19.50
		12	0	18.56	18.45	18.26	18.25	18.77	19.50
		12	6	18.55	18.59	18.29	18.49	18.37	19.50
		12	13	18.55	18.42	18.4	18.25	18.56	19.50
	16QAM	25	0	18.53	18.55	18.45	18.61	18.59	19.50
		1	0	17.94	18.6	18.44	18.55	18.42	19.50
		1	13	18.86	18.59	18.62	18.48	18.57	19.50
		1	24	18.6	19.07	18.69	18.67	18.53	19.50
		12	0	18.42	18.71	18.41	18.34	18.58	19.50
		12	6	18.47	18.69	18.38	18.64	18.81	19.50
	64QAM	12	13	18.6	18.65	18.58	18.6	18.58	19.50
		25	0	18.46	18.53	18.45	18.81	18.49	19.50
		1	0	18.37	18.52	18.45	18.41	18.63	19.50
		1	13	18.50	18.36	18.51	18.46	18.63	19.50
		1	24	18.67	18.33	18.50	18.21	18.59	19.50
		12	0	18.51	18.88	18.52	18.45	18.54	19.50
	256QAM	12	6	18.38	18.74	18.50	18.39	18.64	19.50
		12	13	18.36	18.58	18.45	18.79	18.61	19.50
		25	0	18.34	18.54	18.44	18.82	18.43	19.50
		1	0	18.32	18.59	18.60	18.76	18.62	19.50
		1	13	18.27	18.74	18.81	18.40	18.18	19.50
		1	24	18.68	18.58	18.73	18.43	18.38	19.50
		12	0	18.53	18.72	18.72	18.67	18.70	19.50
		12	6	18.55	18.75	18.60	18.63	18.56	19.50
		12	13	18.36	18.79	18.30	18.66	18.50	19.50
		25	0	18.53	18.71	18.69	18.60	18.56	19.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	18.35	18.86	18.46	18.63	18.65	19.50
		1	25	18.43	18.41	18.5	18.77	18.48	19.50
		1	49	18.31	18.5	18.28	18.59	18.46	19.50
		25	0	18.56	18.37	18.36	18.21	18.74	19.50
		25	13	18.47	18.53	18.3	18.55	18.46	19.50
		25	25	18.49	18.44	18.41	18.29	18.49	19.50
		50	0	18.58	18.5	18.4	18.55	18.64	19.50
	16QAM	1	0	17.99	18.65	18.48	18.45	18.42	19.50
		1	25	18.84	18.69	18.57	18.58	18.61	19.50
		1	49	18.65	19.06	18.77	18.62	18.62	19.50
		25	0	18.52	18.81	18.39	18.44	18.64	19.50
		25	13	18.37	18.61	18.44	18.54	18.81	19.50
		25	25	18.68	18.73	18.53	18.52	18.59	19.50
		50	0	18.46	18.58	18.45	18.73	18.46	19.50
	64QAM	1	0	18.29	18.58	18.36	18.41	18.67	19.50
		1	25	18.44	18.39	18.61	18.40	18.59	19.50
		1	49	18.70	18.41	18.42	18.16	18.69	19.50
		25	0	18.44	18.90	18.48	18.51	18.61	19.50
		25	13	18.46	18.66	18.43	18.45	18.57	19.50
		25	25	18.46	18.65	18.48	18.73	18.54	19.50
		50	0	18.38	18.55	18.42	18.87	18.42	19.50
	256QAM	1	0	18.33	18.69	18.67	18.77	18.63	19.50
		1	25	18.32	18.70	18.71	18.40	18.25	19.50
		1	49	18.58	18.64	18.66	18.50	18.43	19.50
		25	0	18.43	18.82	18.81	18.59	18.75	19.50
		25	13	18.51	18.66	18.60	18.67	18.52	19.50
		25	25	18.44	18.76	18.39	18.64	18.47	19.50
		50	0	18.51	18.73	18.74	18.60	18.57	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	18.45	18.86	18.51	18.55	18.59	19.50
		1	38	18.4	18.43	18.51	18.69	18.57	19.50
		1	74	18.32	18.55	18.26	18.49	18.45	19.50
		36	0	18.51	18.41	18.31	18.28	18.74	19.50
		36	18	18.52	18.6	18.25	18.45	18.4	19.50
		36	39	18.4	18.49	18.39	18.37	18.43	19.50
		75	0	18.53	18.43	18.36	18.61	18.61	19.50
	16QAM	1	0	18.06	18.67	18.47	18.43	18.46	19.50
		1	38	18.81	18.59	18.53	18.67	18.52	19.50
		1	74	18.66	19	18.75	18.71	18.57	19.50
		36	0	18.51	18.71	18.38	18.36	18.58	19.50
		36	18	18.38	18.59	18.54	18.58	18.72	19.50
		36	39	18.59	18.71	18.56	18.6	18.61	19.50
		75	0	18.49	18.59	18.39	18.64	18.53	19.50
	64QAM	1	0	18.23	18.67	18.32	18.47	18.62	19.50
		1	38	18.40	18.47	18.66	18.37	18.54	19.50
		1	74	18.75	18.48	18.40	18.23	18.63	19.50
		36	0	18.43	18.93	18.57	18.58	18.53	19.50
		36	18	18.49	18.75	18.49	18.48	18.54	19.50
		36	39	18.55	18.64	18.58	18.73	18.62	19.50
		75	0	18.43	18.59	18.46	18.79	18.49	19.50
	256QAM	1	0	18.31	18.76	18.70	18.72	18.53	19.50
		1	38	18.22	18.70	18.62	18.46	18.26	19.50
		1	74	18.53	18.59	18.58	18.44	18.42	19.50
		36	0	18.48	18.77	18.85	18.60	18.75	19.50
		36	18	18.60	18.70	18.63	18.62	18.42	19.50
		36	39	18.46	18.70	18.47	18.64	18.56	19.50
		75	0	18.42	18.78	18.67	18.50	18.47	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up



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				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.4	18.42	18.42	18.55	18.55	19.50
		1	50	18.43	18.5	18.43	18.52	18.49	19.50
		1	99	18.26	18.52	18.36	18.52	18.36	19.50
		50	0	18.47	18.47	18.39	18.38	18.64	19.50
		50	25	18.49	18.62	18.29	18.38	18.43	19.50
		50	50	18.5	18.43	18.45	18.39	18.42	19.50
		100	0	18.51	18.41	18.39	18.53	18.53	19.50
	16QAM	1	0	18.15	18.67	18.44	18.4	18.53	19.50
		1	50	18.77	18.68	18.49	18.64	18.57	19.50
		1	99	18.67	18.98	18.79	18.63	18.52	19.50
		50	0	18.47	18.62	18.39	18.41	18.5	19.50
		50	25	18.43	18.5	18.5	18.59	18.7	19.50
		50	50	18.62	18.7	18.59	18.52	18.64	19.50
		100	0	18.58	18.64	18.39	18.61	18.56	19.50
	64QAM	1	0	18.28	18.64	18.42	18.56	18.57	19.50
		1	50	18.50	18.51	18.59	18.33	18.49	19.50
		1	99	18.65	18.4	18.48	18.27	18.61	19.50
		50	0	18.35	18.85	18.59	18.59	18.47	19.50
		50	25	18.45	18.82	18.59	18.55	18.48	19.50
		50	50	18.46	18.58	18.61	18.68	18.55	19.50
		100	0	18.53	18.64	18.49	18.69	18.46	19.50
	256QAM	1	0	18.41	18.78	18.70	18.74	18.57	19.50
		1	50	18.31	18.6	18.64	18.49	18.35	19.50
		1	99	18.52	18.68	18.53	18.43	18.44	19.50
		50	0	18.45	18.79	18.80	18.62	18.65	19.50
		50	25	18.51	18.67	18.73	18.58	18.50	19.50
		50	50	18.54	18.79	18.53	18.65	18.56	19.50
		100	0	18.49	18.79	18.61	18.54	18.41	19.50

LTE Band 41 (2496 - 2690) PC2 ECI 11				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	24.01	24.7	24.44	24.52	24.36	25.50
		1	13	24.36	24.38	24.27	24.37	24.14	25.50
		1	24	24.28	24.48	24.16	24.48	24.21	25.50
		12	0	24.14	24.57	24.33	24.34	24.52	25.50
		12	6	24.26	24.4	24.22	24.47	24.28	25.50
		12	13	24.15	24.26	24.46	24.28	24.27	25.50
	16QAM	25	0	24.3	24.43	24.24	24.34	24.34	25.50
		1	0	24.16	24.29	24.15	24.1	24.39	25.50
		1	13	24.73	24.41	24.47	24.47	24.51	25.50
		1	24	24.61	24.81	24.55	24.5	24.37	25.50
		12	0	23.86	24.14	23.71	23.5	23.83	25.00
		12	6	23.96	24.06	23.73	23.72	23.87	25.00
	64QAM	12	13	23.98	23.93	23.89	23.82	23.89	25.00
		25	0	23.76	23.77	23.77	23.76	23.83	25.00
		1	0	23.52	24.09	23.85	23.93	23.80	25.00
		1	13	23.65	23.81	23.70	23.62	23.76	25.00
		1	24	23.88	24.04	23.49	23.72	23.95	25.00
		12	0	22.58	22.99	22.89	22.91	22.82	24.00
	256QAM	12	6	22.70	22.80	22.96	22.87	22.59	24.00
		12	13	22.74	23.19	22.99	23.04	22.96	24.00
		25	0	22.90	22.96	22.90	22.85	22.75	24.00
		1	0	20.51	21.03	20.91	20.76	20.86	22.00
		1	13	20.68	21.05	20.88	20.98	20.82	22.00
		1	24	20.78	20.98	20.75	21.03	20.70	22.00
		12	0	20.74	21.05	21.02	20.89	21.04	22.00
		12	6	20.99	20.97	21.03	20.97	20.77	22.00



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		12	13	21.08	21.05	20.98	20.94	20.84	22.00
		25	0	20.50	20.86	20.86	20.84	20.72	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	23.91	24.5	24.4	24.46	24.39	25.50
		1	25	24.32	24.45	24.25	24.49	24.2	25.50
		1	49	24.13	24.5	24.25	24.42	24.1	25.50
		25	0	24.32	24.61	24.3	24.29	24.54	25.50
		25	13	24.3	24.44	24.15	24.44	24.29	25.50
		25	25	24.27	24.32	24.45	24.36	24.31	25.50
		50	0	24.31	24.31	24.28	24.2	24.33	25.50
	16QAM	1	0	24.24	24.4	24.19	24.12	24.31	25.50
		1	25	24.75	24.53	24.5	24.47	24.61	25.50
		1	49	24.49	24.83	24.73	24.59	24.53	25.50
		25	0	23.77	24.04	23.6	23.65	23.87	25.00
		25	13	23.98	23.92	23.79	23.62	23.93	25.00
		25	25	23.93	24.01	23.93	23.83	23.91	25.00
		50	0	23.69	23.84	23.94	23.76	23.76	25.00
	64QAM	1	0	23.36	24.01	23.98	23.89	23.80	25.00
		1	25	23.79	23.81	23.59	23.68	23.77	25.00
		1	49	23.88	23.89	23.62	23.68	23.97	25.00
		25	0	22.75	23.06	22.95	22.97	22.75	24.00
		25	13	22.75	22.93	22.90	22.98	22.75	24.00
		25	25	22.81	23.16	22.94	23.06	22.80	24.00
		50	0	22.75	23.07	22.81	22.87	22.61	24.00
	256QAM	1	0	20.61	21.04	20.84	20.87	20.81	22.00
		1	25	20.76	21.00	20.99	20.96	20.78	22.00
		1	49	20.68	21.00	20.88	21.04	20.63	22.00
		25	0	20.85	20.91	21.09	21.00	20.97	22.00
		25	13	20.96	20.96	20.99	20.95	20.74	22.00
		25	25	20.98	21.10	21.07	21.00	20.92	22.00
		50	0	20.65	20.94	20.88	20.82	20.75	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.07	24.52	24.33	24.45	24.48	25.50
		1	38	24.36	24.35	24.14	24.44	24.22	25.50
		1	74	24.15	24.44	24.2	24.37	24.21	25.50
		36	0	24.33	24.56	24.4	24.43	24.48	25.50
		36	18	24.38	24.42	24.29	24.35	24.27	25.50
		36	39	24.4	24.32	24.4	24.34	24.36	25.50
		75	0	24.4	24.39	24.31	24.26	24.34	25.50
	16QAM	1	0	24.23	24.56	24.21	24.32	24.45	25.50
		1	38	24.61	24.63	24.38	24.49	24.64	25.50
		1	74	24.59	24.86	24.7	24.52	24.36	25.50
		36	0	23.75	23.95	23.66	23.66	23.8	25.00
		36	18	23.88	23.91	23.65	23.79	23.85	25.00
		36	39	23.78	23.99	23.87	23.89	23.88	25.00
		75	0	23.78	23.94	23.87	23.86	23.85	25.00
	64QAM	1	0	23.46	23.92	23.89	23.85	23.81	25.00
		1	38	23.78	23.80	23.59	23.72	23.70	25.00
		1	74	23.78	23.75	23.59	23.71	23.86	25.00
		36	0	22.64	23.05	22.88	22.92	22.71	24.00
		36	18	22.71	22.94	22.80	22.98	22.72	24.00
		36	39	22.85	23.08	22.98	22.93	22.85	24.00
		75	0	22.87	22.91	22.96	22.83	22.69	24.00
	256QAM	1	0	20.77	21.18	20.91	20.91	20.82	22.00
		1	38	20.63	20.98	20.92	20.83	20.72	22.00
		1	74	20.89	21.01	20.77	20.97	20.71	22.00
		36	0	20.82	20.89	20.99	21.02	20.79	22.00
		36	18	20.90	20.97	21.06	20.99	20.81	22.00
		36	39	20.92	21.12	21.00	20.89	20.91	22.00



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		75	0	20.72	20.93	20.94	20.89	20.82	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	24.27	24.44	24.27	24.53	24.4	25.50
		1	50	24.05	24.4	24.32	24.3	24.28	25.50
		1	99	24.2	24.37	24.28	24.36	24.27	25.50
		50	0	24.23	24.34	24.24	24.25	24.29	25.50
		50	25	24.32	24.26	24.19	24.28	24.33	25.50
		50	50	24.4	24.41	24.29	24.17	24.28	25.50
	16QAM	100	0	24.32	24.34	24.22	24.18	24.25	25.50
		1	0	24.01	24.31	24.24	24.29	24.33	25.50
		1	50	24.48	24.39	24.3	24.38	24.44	25.50
		1	99	24.41	24.76	24.62	24.46	24.32	25.50
		50	0	23.74	23.88	23.82	23.78	23.8	25.00
		50	25	23.78	23.96	23.78	23.85	23.8	25.00
	64QAM	50	50	23.79	23.83	23.79	23.8	23.87	25.00
		100	0	23.77	23.93	23.84	23.86	23.84	25.00
		1	0	23.68	23.95	23.77	23.88	23.79	25.00
		1	50	23.77	23.9	23.72	23.79	23.88	25.00
		1	99	23.92	23.79	23.63	23.67	23.80	25.00
		50	0	22.78	23.09	22.87	22.91	22.81	24.00
	256QAM	50	25	22.73	22.99	22.93	22.91	22.82	24.00
		50	50	22.80	23.03	22.97	22.93	22.86	24.00
		100	0	22.76	22.96	22.90	22.89	22.77	24.00
		1	0	20.69	21	20.98	20.85	20.79	22.00
		1	50	20.69	20.92	20.80	20.9	20.78	22.00
		1	99	20.89	21.04	20.89	20.92	20.71	22.00
		50	0	20.75	21.05	20.98	20.9	20.88	22.00
		50	25	20.86	21.1	20.98	20.9	20.82	22.00
		50	50	20.92	21.04	20.97	20.87	20.81	22.00
		100	0	20.85	20.97	20.96	20.89	20.88	22.00



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1.4 Conducted Power of Legacy (Ant5)

LTE Band 42 ECI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	22.77	22.86	23.16	24.00
		1	13	22.74	22.93	23.23	24.00
		1	24	22.69	22.58	23.53	24.00
		12	0	21.79	21.89	21.91	23.00
		12	6	22.02	21.94	22.06	23.00
		12	13	21.94	21.91	22.35	23.00
		25	0	21.83	21.78	22.26	23.00
	16QAM	1	0	21.95	21.95	22.06	23.00
		1	13	21.93	21.87	22.26	23.00
		1	24	21.90	21.83	22.43	23.00
		12	0	20.81	21.10	21.13	22.00
		12	6	20.72	20.96	21.11	22.00
		12	13	20.92	20.83	21.36	22.00
		25	0	20.75	20.90	21.05	22.00
	64QAM	1	0	20.85	20.86	21.11	22.00
		1	13	21.05	21.01	21.22	22.00
		1	24	20.85	20.71	21.23	22.00
		12	0	19.88	20.04	20.40	21.00
		12	6	20.00	20.04	20.04	21.00
		12	13	19.96	19.95	20.32	21.00
		25	0	19.71	20.00	20.00	21.00
	256QAM	1	0	17.88	17.59	17.82	19.00
		1	13	18.02	17.99	18.37	19.00
		1	24	17.70	17.89	18.27	19.00
		12	0	18.04	17.94	18.09	19.00
		12	6	17.81	18.18	18.10	19.00
		12	13	17.93	17.96	18.50	19.00
		25	0	17.90	18.01	18.30	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42140	42590	43040	
10MHz	QPSK	1	0	22.80	22.90	23.08	24.00
		1	25	22.67	22.91	23.28	24.00
		1	49	22.59	22.68	23.45	24.00
		25	0	21.86	21.80	21.90	23.00
		25	13	21.93	21.93	22.09	23.00
		25	25	21.87	21.85	22.32	23.00
		50	0	21.74	21.79	22.16	23.00
	16QAM	1	0	22.05	21.97	22.03	23.00
		1	25	22.00	21.97	22.35	23.00
		1	49	21.83	21.90	22.44	23.00
		25	0	20.87	21.04	21.08	22.00
		25	13	20.78	20.90	21.07	22.00
		25	25	20.83	20.91	21.29	22.00
		50	0	20.84	20.83	21.05	22.00
	64QAM	1	0	20.89	20.82	21.17	22.00
		1	25	20.96	21.04	21.23	22.00
		1	49	20.89	20.77	21.29	22.00
		25	0	19.81	19.96	20.36	21.00
		25	13	19.91	20.02	20.09	21.00
		25	25	19.95	19.86	20.30	21.00
		50	0	19.79	19.98	20.04	21.00
	256QAM	1	0	17.81	17.69	17.86	19.00



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		1	25	17.93	17.91	18.35	19.00
		1	49	17.66	17.95	18.29	19.00
		25	0	17.94	17.87	18.12	19.00
		25	13	17.90	18.10	18.16	19.00
		25	25	17.88	17.94	18.40	19.00
		50	0	17.88	18.03	18.35	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42165	42590	43015	
15MHz	QPSK	1	0	22.85	22.91	23.09	24.00
		1	38	22.71	22.91	23.18	24.00
		1	74	22.62	22.73	23.41	24.00
		36	0	21.81	21.81	22.00	23.00
		36	18	21.91	21.83	22.18	23.00
		36	39	21.78	21.78	22.27	23.00
	16QAM	75	0	21.82	21.77	22.18	23.00
		1	0	22.06	22.06	22.10	23.00
		1	38	21.95	22.03	22.28	23.00
		1	74	21.89	22.00	22.51	23.00
		36	0	20.91	20.96	21.06	22.00
		36	18	20.80	20.84	21.12	22.00
	64QAM	36	39	20.84	20.82	21.27	22.00
		75	0	20.84	20.89	21.13	22.00
		1	0	20.86	20.75	21.15	22.00
		1	38	21.02	20.99	21.14	22.00
		1	74	20.85	20.78	21.37	22.00
		36	0	19.88	20.02	20.27	21.00
	256QAM	36	18	19.95	19.99	20.18	21.00
		36	39	19.87	19.83	20.38	21.00
		75	0	19.83	19.89	20.10	21.00
		1	0	17.84	17.71	17.92	19.00
		1	38	17.99	17.89	18.29	19.00
		1	74	17.66	17.90	18.37	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42190	42590	42990	
20MHz	QPSK	1	0	22.80	22.81	23.03	24.00
		1	50	22.77	22.85	23.20	24.00
		1	99	22.67	22.83	23.33	24.00
		50	0	21.86	21.87	22.10	23.00
		50	25	21.83	21.85	22.16	23.00
		50	50	21.76	21.83	22.23	23.00
	16QAM	100	0	21.81	21.82	22.18	23.00
		1	0	22.07	22.00	22.20	23.00
		1	50	22.05	22.11	22.28	23.00
		1	99	21.93	22.03	22.52	23.00
		50	0	20.92	20.91	21.15	22.00
		50	25	20.87	20.89	21.21	22.00
	64QAM	50	50	20.81	20.88	21.27	22.00
		100	0	20.89	20.89	21.22	22.00
		1	0	20.94	20.84	21.06	22.00
		1	50	20.92	20.96	21.23	22.00
		1	99	20.79	20.85	21.33	22.00
		50	0	19.95	19.94	20.19	21.00
	256QAM	50	25	19.94	19.96	20.26	21.00
		50	50	19.87	19.91	20.32	21.00
		100	0	19.88	19.86	20.20	21.00
		1	0	17.86	17.79	17.99	19.00
		1	50	17.90	17.93	18.20	19.00



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		1	99	17.70	17.80	18.28	19.00
		50	0	17.99	17.95	18.21	19.00
		50	25	17.96	17.98	18.29	19.00
		50	50	17.88	17.95	18.36	19.00
		100	0	17.90	17.89	18.22	19.00

LTE Band 42 ECI 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 42115	Channel 42590	Channel 43065	Tune up
5MHz	QPSK	1	0	18.15	18.43	18.40	19.50
		1	13	18.24	18.19	18.94	19.50
		1	24	18.05	18.36	18.90	19.50
		12	0	18.33	18.24	18.46	19.50
		12	6	18.40	18.32	18.70	19.50
		12	13	18.04	18.17	18.69	19.50
		25	0	18.17	18.43	18.73	19.50
	16QAM	1	0	18.74	18.31	18.54	19.50
		1	13	18.49	18.63	18.72	19.50
		1	24	18.39	18.47	19.01	19.50
		12	0	18.54	18.39	18.47	19.50
		12	6	18.28	18.43	18.78	19.50
		12	13	18.32	18.28	18.74	19.50
		25	0	18.47	18.44	18.86	19.50
	64QAM	1	0	18.24	18.47	18.57	19.50
		1	13	18.54	18.50	18.82	19.50
		1	24	18.46	18.25	18.73	19.50
		12	0	18.43	18.31	18.53	19.50
		12	6	18.32	18.44	18.94	19.50
		12	13	18.42	18.39	18.94	19.50
		25	0	18.27	18.26	18.73	19.50
	256QAM	1	0	18.07	17.82	18.06	19.00
		1	13	17.75	17.78	18.15	19.00
		1	24	17.49	17.72	18.33	19.00
		12	0	17.81	17.70	18.31	19.00
		12	6	18.00	17.87	18.25	19.00
		12	13	17.75	17.97	18.23	19.00
		25	0	18.00	17.80	18.33	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 42140	Channel 42590	Channel 43040	Tune up
10MHz	QPSK	1	0	18.18	18.37	18.48	19.50
		1	25	18.23	18.29	18.87	19.50
		1	49	18.11	18.44	18.81	19.50
		25	0	18.36	18.25	18.47	19.50
		25	13	18.44	18.22	18.69	19.50
		25	25	18.14	18.25	18.74	19.50
	16QAM	50	0	18.19	18.35	18.70	19.50
		1	0	18.66	18.40	18.54	19.50
		1	25	18.48	18.61	18.76	19.50
		1	49	18.33	18.42	18.99	19.50
		25	0	18.51	18.44	18.52	19.50
		25	13	18.37	18.45	18.70	19.50
		25	25	18.36	18.33	18.69	19.50
	64QAM	50	0	18.42	18.44	18.78	19.50
		1	0	18.32	18.40	18.55	19.50
		1	25	18.60	18.45	18.81	19.50
		1	49	18.39	18.31	18.78	19.50
		25	0	18.46	18.22	18.52	19.50
		25	13	18.38	18.51	18.90	19.50
		25	25	18.43	18.47	18.99	19.50



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		50	0	18.34	18.28	18.74	19.50
	256QAM	1	0	17.97	17.74	18.01	19.00
		1	25	17.85	17.80	18.24	19.00
		1	49	17.57	17.71	18.32	19.00
		25	0	17.89	17.74	18.23	19.00
		25	13	17.98	17.91	18.33	19.00
		25	25	17.81	18.07	18.32	19.00
		50	0	18.02	17.74	18.23	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42165	42590	43015	
15MHz	QPSK	1	0	18.26	18.32	18.55	19.50
		1	38	18.29	18.28	18.81	19.50
		1	74	18.17	18.39	18.91	19.50
		36	0	18.39	18.34	18.56	19.50
		36	18	18.45	18.32	18.67	19.50
		36	39	18.17	18.25	18.80	19.50
		75	0	18.26	18.29	18.65	19.50
	16QAM	1	0	18.63	18.34	18.60	19.50
		1	38	18.43	18.58	18.70	19.50
		1	74	18.42	18.50	18.94	19.50
		36	0	18.46	18.51	18.54	19.50
		36	18	18.41	18.49	18.72	19.50
		36	39	18.29	18.39	18.68	19.50
		75	0	18.36	18.52	18.84	19.50
	64QAM	1	0	18.32	18.38	18.53	19.50
		1	38	18.55	18.48	18.78	19.50
		1	74	18.31	18.33	18.83	19.50
		36	0	18.45	18.30	18.57	19.50
		36	18	18.44	18.42	18.81	19.50
		36	39	18.48	18.44	18.90	19.50
		75	0	18.43	18.36	18.71	19.50
	256QAM	1	0	17.89	17.83	17.92	19.00
		1	38	17.85	17.82	18.18	19.00
		1	74	17.56	17.73	18.41	19.00
		36	0	17.87	17.81	18.17	19.00
		36	18	17.93	17.96	18.28	19.00
		36	39	17.82	18.02	18.38	19.00
		75	0	17.94	17.81	18.17	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42190	42590	42990	
20MHz	QPSK	1	0	18.24	18.25	18.49	19.50
		1	50	18.21	18.31	18.73	19.50
		1	99	18.25	18.38	18.82	19.50
		50	0	18.33	18.31	18.60	19.50
		50	25	18.37	18.32	18.59	19.50
		50	50	18.38	18.32	18.74	19.50
		100	0	18.35	18.29	18.68	19.50
	16QAM	1	0	18.56	18.43	18.66	19.50
		1	50	18.51	18.66	18.76	19.50
		1	99	18.42	18.56	19.02	19.50
		50	0	18.44	18.45	18.60	19.50
		50	25	18.36	18.46	18.67	19.50
		50	50	18.29	18.35	18.70	19.50
		100	0	18.40	18.44	18.78	19.50
	64QAM	1	0	18.37	18.38	18.61	19.50
		1	50	18.49	18.47	18.69	19.50
		1	99	18.36	18.32	18.79	19.50
		50	0	18.46	18.37	18.63	19.50
		50	25	18.45	18.40	18.73	19.50
		50	50	18.38	18.43	18.86	19.50
		100	0	18.34	18.30	18.70	19.50



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	256QAM	1	0	17.93	17.73	17.95	19.00
		1	50	17.89	17.91	18.18	19.00
		1	99	17.66	17.81	18.34	19.00
		50	0	17.92	17.88	18.20	19.00
		50	25	18.00	17.94	18.25	19.00
		50	50	17.89	17.94	18.41	19.00
		100	0	17.90	17.91	18.16	19.00

LTE Band 42 ECI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 42115	Channel 42590	Channel 43065	Tune up
5MHz	QPSK	1	0	16.40	16.35	16.54	17.50
		1	13	16.44	16.38	16.60	17.50
		1	24	16.25	16.20	16.87	17.50
		12	0	16.31	16.35	16.60	17.50
		12	6	16.38	16.52	16.71	17.50
		12	13	16.23	16.45	16.52	17.50
		25	0	16.19	16.42	16.56	17.50
	16QAM	1	0	16.40	16.54	16.74	17.50
		1	13	16.47	16.61	16.88	17.50
		1	24	16.44	16.63	16.96	17.50
		12	0	16.47	16.67	16.70	17.50
		12	6	16.25	16.38	16.77	17.50
		12	13	16.23	16.49	16.80	17.50
		25	0	16.33	16.54	16.64	17.50
	64QAM	1	0	16.33	16.45	16.62	17.50
		1	13	16.29	16.45	16.63	17.50
		1	24	16.17	16.54	16.75	17.50
		12	0	16.49	16.33	16.62	17.50
		12	6	16.43	16.43	16.60	17.50
		12	13	16.42	16.51	16.75	17.50
		25	0	16.42	16.44	16.82	17.50
	256QAM	1	0	16.48	16.28	16.46	17.50
		1	13	16.45	16.44	16.49	17.50
		1	24	16.24	16.32	16.69	17.50
		12	0	16.64	16.70	16.72	17.50
		12	6	16.50	16.62	16.68	17.50
		12	13	16.32	16.65	16.88	17.50
		25	0	16.33	16.50	16.73	17.50
10MHz	QPSK	1	0	16.46	16.39	16.47	17.50
		1	25	16.38	16.33	16.67	17.50
		1	49	16.17	16.29	16.85	17.50
		25	0	16.39	16.34	16.66	17.50
		25	13	16.32	16.57	16.68	17.50
		25	25	16.13	16.43	16.55	17.50
		50	0	16.21	16.52	16.54	17.50
	16QAM	1	0	16.46	16.48	16.82	17.50
		1	25	16.55	16.58	16.82	17.50
		1	49	16.38	16.65	16.90	17.50
		25	0	16.38	16.62	16.60	17.50
		25	13	16.28	16.47	16.79	17.50
		25	25	16.25	16.39	16.75	17.50
		50	0	16.40	16.53	16.74	17.50
	64QAM	1	0	16.37	16.41	16.60	17.50
		1	25	16.39	16.49	16.68	17.50
		1	49	16.23	16.49	16.82	17.50
		25	0	16.48	16.33	16.67	17.50



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	256QAM	25	13	16.41	16.40	16.69	17.50
		25	25	16.49	16.45	16.84	17.50
		50	0	16.46	16.53	16.79	17.50
		1	0	16.40	16.23	16.50	17.50
		1	25	16.38	16.53	16.50	17.50
		1	49	16.26	16.26	16.75	17.50
		25	0	16.63	16.63	16.76	17.50
		25	13	16.55	16.56	16.64	17.50
		25	25	16.40	16.58	16.86	17.50
		50	0	16.25	16.47	16.74	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42165	42590	43015	
15MHz	QPSK	1	0	16.36	16.29	16.55	17.50
		1	38	16.28	16.31	16.67	17.50
		1	74	16.21	16.30	16.79	17.50
		36	0	16.33	16.43	16.58	17.50
		36	18	16.28	16.52	16.74	17.50
		36	39	16.13	16.44	16.61	17.50
	16QAM	75	0	16.25	16.47	16.62	17.50
		1	0	16.56	16.42	16.84	17.50
		1	38	16.59	16.64	16.85	17.50
		1	74	16.32	16.55	16.95	17.50
		36	0	16.46	16.55	16.58	17.50
		36	18	16.37	16.52	16.77	17.50
	64QAM	36	39	16.29	16.32	16.84	17.50
		75	0	16.38	16.46	16.71	17.50
		1	0	16.35	16.43	16.57	17.50
		1	38	16.49	16.47	16.62	17.50
		1	74	16.24	16.44	16.86	17.50
		36	0	16.43	16.37	16.68	17.50
	256QAM	36	18	16.32	16.43	16.75	17.50
		36	39	16.42	16.43	16.86	17.50
		75	0	16.46	16.51	16.70	17.50
		1	0	16.35	16.28	16.52	17.50
		1	38	16.32	16.49	16.59	17.50
		1	74	16.19	16.36	16.74	17.50
20MHz	QPSK	36	0	16.56	16.56	16.72	17.50
		36	18	16.59	16.54	16.65	17.50
		36	39	16.40	16.61	16.87	17.50
		75	0	16.30	16.41	16.76	17.50
	16QAM	1	0	16.32	16.36	16.50	17.50
		1	50	16.23	16.36	16.76	17.50
		1	99	16.24	16.29	16.82	17.50
		50	0	16.33	16.36	16.59	17.50
		50	25	16.30	16.42	16.64	17.50
		50	50	16.21	16.39	16.66	17.50
	64QAM	100	0	16.29	16.38	16.63	17.50
		1	0	16.60	16.51	16.75	17.50
		1	50	16.55	16.64	16.81	17.50
		1	99	16.37	16.49	16.95	17.50
		50	0	16.38	16.47	16.60	17.50
		50	25	16.34	16.42	16.75	17.50
	256QAM	50	50	16.25	16.40	16.77	17.50
		100	0	16.33	16.44	16.72	17.50
		1	0	16.39	16.33	16.63	17.50
		1	50	16.44	16.40	16.69	17.50
		1	99	16.31	16.34	16.80	17.50
		50	0	16.50	16.40	16.69	17.50
		50	25	16.41	16.46	16.77	17.50



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		50	50	16.39	16.35	16.88	17.50
		100	0	16.38	16.41	16.66	17.50
	256QAM	1	0	16.40	16.31	16.51	17.50
		1	50	16.35	16.41	16.64	17.50
		1	99	16.21	16.31	16.76	17.50
		50	0	16.51	16.46	16.67	17.50
		50	25	16.53	16.46	16.74	17.50
		50	50	16.43	16.52	16.92	17.50
		100	0	16.35	16.45	16.74	17.50

LTE Band 42 ECI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 42115	Channel 42590	Channel 43065	Tune up
5MHz	QPSK	1	0	14.71	14.61	14.92	16.00
		1	13	14.74	14.92	15.24	16.00
		1	24	14.84	14.79	15.19	16.00
		12	0	15.05	14.95	15.10	16.00
		12	6	14.87	14.89	15.24	16.00
		12	13	14.80	14.95	15.23	16.00
		25	0	14.65	14.77	15.04	16.00
	16QAM	1	0	15.26	14.91	15.16	16.00
		1	13	15.01	15.08	15.29	16.00
		1	24	15.04	15.20	15.59	16.00
		12	0	15.01	14.72	15.10	16.00
		12	6	14.84	14.79	15.02	16.00
		12	13	14.77	14.96	15.37	16.00
		25	0	14.85	14.68	15.21	16.00
	64QAM	1	0	15.02	14.81	14.98	16.00
		1	13	14.70	15.23	15.22	16.00
		1	24	14.74	14.73	15.52	16.00
		12	0	14.97	14.71	15.23	16.00
		12	6	14.97	14.81	15.24	16.00
		12	13	14.99	14.97	15.26	16.00
		25	0	15.07	14.77	15.35	16.00
	256QAM	1	0	14.82	14.75	14.90	16.00
		1	13	14.87	14.96	15.20	16.00
		1	24	14.58	14.68	15.16	16.00
		12	0	14.73	14.70	15.00	16.00
		12	6	14.94	15.09	15.16	16.00
		12	13	14.79	14.89	15.38	16.00
		25	0	14.99	14.94	15.29	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 42140	Channel 42590	Channel 43040	Tune up
10MHz	QPSK	1	0	14.77	14.70	14.94	16.00
		1	25	14.83	14.95	15.28	16.00
		1	49	14.78	14.69	15.28	16.00
		25	0	14.98	14.96	15.09	16.00
		25	13	14.92	14.83	15.21	16.00
		25	25	14.84	15.04	15.28	16.00
		50	0	14.73	14.73	15.08	16.00
	16QAM	1	0	15.24	14.85	15.08	16.00
		1	25	15.06	15.04	15.25	16.00
		1	49	15.04	15.14	15.68	16.00
		25	0	14.91	14.79	15.09	16.00
		25	13	14.86	14.79	15.12	16.00
		25	25	14.81	14.89	15.36	16.00
		50	0	14.89	14.76	15.16	16.00
	64QAM	1	0	14.98	14.90	15.00	16.00
		1	25	14.77	15.22	15.17	16.00



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		1	49	14.64	14.75	15.42	16.00	
		25	0	15.01	14.72	15.17	16.00	
		25	13	14.89	14.80	15.26	16.00	
		25	25	15.00	15.01	15.36	16.00	
		50	0	15.03	14.82	15.27	16.00	
	256QAM	1	0	14.73	14.69	14.94	16.00	
		1	25	14.92	15.02	15.29	16.00	
		1	49	14.63	14.76	15.16	16.00	
		25	0	14.82	14.72	15.10	16.00	
		25	13	14.97	15.08	15.12	16.00	
25	25	14.89	14.97	15.31	16.00			
50	0	14.98	14.89	15.22	16.00			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				42165	42590	43015		
15MHz	QPSK	1	0	14.83	14.71	14.98	16.00	
		1	38	14.88	14.93	15.27	16.00	
		1	74	14.70	14.78	15.33	16.00	
		36	0	14.97	14.97	15.14	16.00	
		36	18	14.88	14.81	15.30	16.00	
		36	39	14.87	14.96	15.23	16.00	
	16QAM	75	0	14.81	14.83	15.09	16.00	
		1	0	15.15	14.91	15.07	16.00	
		1	38	14.96	15.11	15.30	16.00	
		1	74	14.95	15.05	15.60	16.00	
		36	0	15.00	14.88	15.17	16.00	
		36	18	14.77	14.88	15.15	16.00	
	64QAM	36	39	14.83	14.89	15.28	16.00	
		75	0	14.86	14.81	15.14	16.00	
		1	0	15.04	14.88	15.07	16.00	
		1	38	14.83	15.12	15.27	16.00	
		1	74	14.68	14.78	15.49	16.00	
		36	0	14.94	14.82	15.07	16.00	
	256QAM	36	18	14.81	14.87	15.29	16.00	
		36	39	14.94	14.99	15.43	16.00	
		75	0	14.93	14.92	15.21	16.00	
		1	0	14.78	14.77	14.93	16.00	
		1	38	14.91	15.00	15.26	16.00	
		1	74	14.71	14.80	15.23	16.00	
	36	0	14.85	14.81	15.09	16.00		
	36	18	14.87	15.04	15.17	16.00		
	36	39	14.89	14.87	15.40	16.00		
	75	0	14.88	14.96	15.25	16.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					42190	42590	42990	
20MHz	QPSK	1	0	14.81	14.79	15.05	16.00	
		1	50	14.83	14.88	15.20	16.00	
		1	99	14.66	14.86	15.38	16.00	
		50	0	14.91	14.89	15.15	16.00	
		50	25	14.87	14.88	15.22	16.00	
		50	50	14.82	14.89	15.27	16.00	
	16QAM	100	0	14.87	14.82	15.16	16.00	
		1	0	15.07	14.97	15.17	16.00	
		1	50	15.05	15.05	15.22	16.00	
		1	99	14.98	14.97	15.58	16.00	
		50	0	14.95	14.87	15.09	16.00	
		50	25	14.87	14.84	15.15	16.00	
	64QAM	50	50	14.74	14.86	15.27	16.00	
		100	0	14.88	14.83	15.21	16.00	
		1	0	14.98	14.87	15.12	16.00	
		1	50	14.89	15.02	15.22	16.00	
		1	99	14.77	14.82	15.39	16.00	



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		50	0	15.02	14.90	15.15	16.00
		50	25	14.90	14.92	15.26	16.00
		50	50	14.84	14.91	15.35	16.00
		100	0	14.91	14.84	15.17	16.00
	256QAM	1	0	14.83	14.78	15.01	16.00
		1	50	14.84	15.00	15.17	16.00
		1	99	14.67	14.76	15.31	16.00
		50	0	14.93	14.91	15.18	16.00
		50	25	14.97	15.01	15.22	16.00
		50	50	14.95	14.97	15.30	16.00
		100	0	14.94	14.86	15.15	16.00

LTE Band 42 ECI 12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 42115	Channel 42590	Channel 43065	Tune up
5MHz	QPSK	1	0	19.84	19.79	19.90	21.00
		1	13	19.64	19.77	20.11	21.00
		1	24	19.50	19.52	20.01	21.00
		12	0	19.95	19.58	19.97	21.00
		12	6	19.64	19.73	20.22	21.00
		12	13	19.70	19.75	20.11	21.00
		25	0	19.72	19.67	20.12	21.00
	16QAM	1	0	19.55	19.62	19.85	21.00
		1	13	19.87	19.93	19.87	21.00
		1	24	19.72	19.64	19.69	21.00
		12	0	19.70	19.85	20.11	21.00
		12	6	19.46	19.78	19.98	21.00
		12	13	19.54	19.70	20.10	21.00
		25	0	19.78	19.87	20.25	21.00
	64QAM	1	0	19.48	19.37	19.32	21.00
		1	13	19.52	19.76	19.90	21.00
		1	24	19.25	19.32	19.62	21.00
		12	0	20.11	19.92	19.89	21.00
		12	6	19.92	19.87	20.13	21.00
		12	13	19.68	19.64	20.09	21.00
		25	0	19.83	19.59	19.90	21.00
	256QAM	1	0	17.84	17.78	17.84	19.00
		1	13	18.04	17.88	17.88	19.00
		1	24	17.84	17.89	18.24	19.00
		12	0	17.94	18.13	18.28	19.00
		12	6	18.13	18.14	18.54	19.00
		12	13	18.12	18.12	18.48	19.00
		25	0	18.21	18.09	18.25	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 42140	Channel 42590	Channel 43040	Tune up
10MHz	QPSK	1	0	19.89	19.73	19.92	21.00
		1	25	19.71	19.83	20.13	21.00
		1	49	19.56	19.57	20.09	21.00
		25	0	20.00	19.68	20.05	21.00
		25	13	19.72	19.79	20.12	21.00
		25	25	19.78	19.82	20.05	21.00
		50	0	19.71	19.69	20.18	21.00
	16QAM	1	0	19.59	19.67	19.76	21.00
		1	25	19.89	19.87	19.94	21.00
		1	49	19.67	19.71	19.76	21.00
		25	0	19.71	19.85	20.05	21.00
		25	13	19.50	19.81	20.03	21.00
		25	25	19.59	19.75	20.04	21.00
		50	0	19.76	19.80	20.20	21.00



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	64QAM	1	0	19.47	19.29	19.33	21.00
		1	25	19.54	19.69	19.80	21.00
		1	49	19.32	19.37	19.69	21.00
		25	0	20.01	19.83	19.89	21.00
		25	13	20.02	19.94	20.07	21.00
		25	25	19.66	19.71	20.18	21.00
	256QAM	50	0	19.88	19.65	19.96	21.00
		1	0	17.94	17.85	17.83	19.00
		1	25	17.97	17.90	17.97	19.00
		1	49	17.76	17.80	18.19	19.00
		25	0	18.04	18.03	18.38	19.00
		25	13	18.03	18.16	18.46	19.00
Bandwidth	Modulation	25	25	18.17	18.07	18.41	19.00
		50	0	18.11	18.01	18.21	19.00
		RB size	RB offset	Channel	Channel	Channel	Tune up
				42165	42590	43015	
		1	0	19.85	19.76	19.85	21.00
		1	38	19.75	19.90	20.10	21.00
15MHz	QPSK	1	74	19.58	19.65	20.16	21.00
		36	0	19.95	19.75	20.02	21.00
		36	18	19.80	19.87	20.16	21.00
		36	39	19.70	19.79	20.07	21.00
		75	0	19.75	19.67	20.19	21.00
		1	0	19.68	19.75	19.75	21.00
	16QAM	1	38	19.85	19.79	19.98	21.00
		1	74	19.63	19.69	19.78	21.00
		36	0	19.71	19.95	20.15	21.00
		36	18	19.60	19.86	20.07	21.00
		36	39	19.67	19.78	20.10	21.00
		75	0	19.78	19.83	20.18	21.00
	64QAM	1	0	19.45	19.31	19.42	21.00
		1	38	19.50	19.66	19.71	21.00
		1	74	19.36	19.42	19.76	21.00
		36	0	19.93	19.78	19.99	21.00
		36	18	19.95	19.87	20.13	21.00
		36	39	19.76	19.81	20.13	21.00
	256QAM	75	0	19.84	19.60	20.06	21.00
		1	0	17.85	17.87	17.93	19.00
		1	38	17.92	17.99	18.07	19.00
		1	74	17.74	17.90	18.18	19.00
		36	0	18.06	18.04	18.36	19.00
		36	18	18.09	18.09	18.38	19.00
20MHz	QPSK	36	39	18.12	18.15	18.36	19.00
		75	0	18.03	18.11	18.30	19.00
		RB size	RB offset	Channel	Channel	Channel	Tune up
				42190	42590	42990	
		1	0	19.75	19.69	19.86	21.00
		1	50	19.79	19.82	20.01	21.00
	16QAM	1	99	19.80	19.97	20.14	21.00
		50	0	19.86	19.79	20.03	21.00
		50	25	19.83	19.80	20.11	21.00
		50	50	19.89	19.88	20.16	21.00
		100	0	19.74	19.74	20.09	21.00
		1	0	19.78	19.67	19.67	21.00
	64QAM	1	50	19.84	19.78	20.05	21.00
		1	99	19.69	19.63	19.78	21.00
		50	0	19.70	19.87	20.05	21.00
		50	25	19.70	19.91	20.15	21.00
		50	50	19.64	19.86	20.18	21.00
		100	0	19.88	19.74	20.16	21.00



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		1	50	19.55	19.57	19.66	21.00
		1	99	19.41	19.39	19.76	21.00
		50	0	19.89	19.84	20.06	21.00
		50	25	19.89	19.90	20.14	21.00
		50	50	19.84	19.86	20.19	21.00
		100	0	19.83	19.63	20.10	21.00
	256QAM	1	0	17.84	17.78	17.95	19.00
		1	50	17.92	17.93	18.14	19.00
		1	99	17.77	17.81	18.20	19.00
		50	0	18.14	18.12	18.28	19.00
		50	25	18.13	18.15	18.38	19.00
		50	50	18.06	18.09	18.41	19.00
		100	0	18.06	18.04	18.31	19.00



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2 Conducted Power of Intra Band LTE Uplink CA

2.1 Conducted Power of Intra Band LTE Uplink CA (Ant4)

Combination	Modulation	PCC					SCC					ECI 4/11		ECI 2		ECI 3		ECI 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	99	41	20	39948	1	0	23.19	24.00	19.83	20.50	18.42	19.00	17.26	17.50
CA 41C	QPSK	41	20	40185	1	99	41	20	40383	1	0	23.12	24.00	19.92	20.50	18.35	19.00	17.31	17.50
CA 41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	23.2	24.00	20.03	20.50	18.5	19.00	17.4	17.50
CA 41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	23.22	24.00	19.83	20.50	18.42	19.00	17.28	17.50
CA 41C	QPSK	41	20	41055	1	0	41	20	40857	1	99	23.28	24.00	20.08	20.50	18.57	19.00	17.49	17.50
CA 41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	23.2	24.00	20.06	20.50	18.47	19.00	17.43	17.50



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2.2 Conducted Power of Intra Band LTE Uplink CA (Ant5)

Combination	Modulation	PCC					SCC					ECI 4		ECI 2		ECI 3		ECI 7		ECI 12	
		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 42C	QPSK	42	20	42190	1	99	42	20	42388	1	0	22.68	24.00	18.12	19.50	16.32	17.50	14.82	16.00	20.10	21.00
CA 42C	QPSK	42	20	42590	1	99	42	20	42788	1	0	22.91	24.00	18.19	19.50	16.39	17.50	14.86	16.00	20.06	21.00
CA 42C	QPSK	42	20	42590	1	0	42	20	42392	1	99	22.74	24.00	18.06	19.50	16.28	17.50	14.85	16.00	20.19	21.00
CA 42C	QPSK	42	20	42990	1	0	42	20	42792	1	99	22.83	24.00	17.98	19.50	16.26	17.50	14.78	16.00	20.04	21.00



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3 Conducted Power of ENDC_LTE

3.1 Conducted Power of ENDC_LTE(Ant1)

LTE Band 41 2496 - 2690 ECI2/4				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	22.12	22.1	22.28	22.14	22.41	24.00
		1	13	22.12	22.54	22.22	22.26	22.26	24.00
		1	24	22.27	22.15	22.15	22.17	22.16	24.00
		12	0	21.3	21.18	21.09	21.29	22.42	23.00
		12	6	21.04	21.44	21.06	21.32	21.31	23.00
		12	13	21.26	21.47	21.5	21.41	21.37	23.00
	16QAM	25	0	21.2	21.28	21.24	21.13	21.44	23.00
		1	0	21.08	21.06	21.47	21.22	21.45	23.00
		1	13	21.3	21.35	21.19	21.54	21.42	23.00
		1	24	21.32	21.22	21.44	21.41	21.61	23.00
		12	0	20.17	20.21	20.16	20.1	21.03	22.00
		12	6	20.17	20.32	20.21	20.21	20.33	22.00
	64QAM	12	13	20.38	20.59	20.49	20.42	20.16	22.00
		25	0	20.34	20.07	20.15	20.18	20.49	22.00
		1	0	20.32	20.55	20.29	20.33	20.19	22.00
		1	13	20.30	20.21	20.16	20.27	20.32	22.00
		1	24	20.12	20.32	20.21	20.12	20.24	22.00
		12	0	19.23	19.08	19.20	19.29	20.16	21.00
	256QAM	12	6	19.06	19.30	19.32	19.25	19.16	21.00
		12	13	19.22	19.42	19.48	19.37	19.26	21.00
		25	0	19.43	19.27	19.36	19.20	19.35	21.00
		1	0	17.15	17.11	17.26	17.18	17.30	19.00
		1	13	17.52	17.60	17.29	17.26	17.49	19.00
		1	24	17.33	17.34	17.54	17.09	17.16	19.00
10MHz	QPSK	12	0	17.40	17.28	17.24	17.21	18.50	19.00
		12	6	17.50	17.29	17.16	17.18	17.27	19.00
		12	13	17.44	17.59	17.43	17.59	17.39	19.00
		25	0	17.16	17.14	17.24	17.11	17.34	19.00
	16QAM	1	0	22.2	22.12	22.38	22.24	22.49	24.00
		1	25	22.22	22.5	22.27	22.28	22.35	24.00
		1	49	22.3	22.22	22.16	22.26	22.18	24.00
		25	0	21.26	21.27	21.12	21.39	22.36	23.00
		25	13	21.14	21.48	21.16	21.3	21.4	23.00
		25	25	21.34	21.39	21.41	21.36	21.4	23.00
	64QAM	50	0	21.26	21.21	21.16	21.22	21.39	23.00
		1	0	21.07	21.14	21.43	21.18	21.36	23.00
		1	25	21.35	21.45	21.25	21.44	21.38	23.00
		1	49	21.25	21.25	21.43	21.37	21.53	23.00
		25	0	20.21	20.28	20.19	20.09	21.13	22.00
		25	13	20.26	20.24	20.27	20.25	20.36	22.00
	QPSK	25	25	20.48	20.49	20.39	20.35	20.22	22.00
		50	0	20.35	20.14	20.16	20.25	20.4	22.00
		1	0	20.29	20.45	20.35	20.28	20.28	22.00
		1	25	20.22	20.18	20.19	20.31	20.39	22.00
		1	49	20.16	20.24	20.17	20.16	20.28	22.00
		25	0	19.15	19.15	19.03	19.19	20.11	21.00
	16QAM	25	13	19.14	19.24	19.24	19.29	19.08	21.00
		25	25	19.26	19.48	19.39	19.35	19.26	21.00
		25	25	19.26	19.48	19.39	19.35	19.26	21.00
		25	25	19.26	19.48	19.39	19.35	19.26	21.00



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		50	0	19.39	19.33	19.28	19.10	19.36	21.00
		1	0	17.21	17.21	17.20	17.28	17.33	19.00
		1	25	17.49	17.52	17.28	17.27	17.41	19.00
		1	49	17.27	17.38	17.44	17.17	17.25	19.00
		25	0	17.38	17.32	17.32	17.28	18.44	19.00
		25	13	17.46	17.20	17.08	17.11	17.36	19.00
		25	25	17.48	17.53	17.40	17.53	17.37	19.00
		50	0	17.08	17.13	17.20	17.20	17.35	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
		1	0	22.23	22.2	22.32	22.3	22.41	24.00
		1	38	22.28	22.4	22.31	22.26	22.3	24.00
		1	74	22.25	22.19	22.2	22.29	22.23	24.00
		36	0	21.3	21.3	21.18	21.31	22.36	23.00
		36	18	21.24	21.41	21.26	21.35	21.37	23.00
		36	39	21.34	21.33	21.34	21.3	21.32	23.00
		75	0	21.22	21.28	21.23	21.32	21.33	23.00
		1	0	21.17	21.24	21.34	21.27	21.4	23.00
		1	38	21.32	21.43	21.17	21.43	21.29	23.00
		1	74	21.23	21.17	21.37	21.3	21.43	23.00
		36	0	20.19	20.21	20.24	20.07	21.11	22.00
		36	18	20.26	20.19	20.24	20.35	20.27	22.00
		36	39	20.45	20.51	20.36	20.41	20.2	22.00
		75	0	20.29	20.24	20.13	20.34	20.35	22.00
		1	0	20.35	20.35	20.26	20.25	20.36	22.00
		1	38	20.27	20.19	20.22	20.23	20.33	22.00
		1	74	20.20	20.24	20.20	20.15	20.23	22.00
		36	0	19.18	19.24	19.08	19.23	20.18	21.00
		36	18	19.24	19.27	19.26	19.34	19.17	21.00
		36	39	19.32	19.53	19.45	19.38	19.34	21.00
		75	0	19.36	19.32	19.37	19.17	19.38	21.00
		1	0	17.16	17.18	17.23	17.34	17.29	19.00
		1	38	17.40	17.42	17.26	17.31	17.38	19.00
		1	74	17.24	17.30	17.38	17.18	17.28	19.00
		36	0	17.28	17.37	17.28	17.22	18.41	19.00
		36	18	17.36	17.28	17.18	17.20	17.34	19.00
		36	39	17.44	17.43	17.34	17.43	17.33	19.00
		75	0	17.18	17.14	17.26	17.19	17.43	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
		1	0	22.23	22.18	22.26	22.21	22.31	24.00
		1	50	22.34	22.36	22.28	22.36	22.39	24.00
		1	99	22.23	22.25	22.21	22.24	22.32	24.00
		50	0	21.25	21.3	21.22	21.3	21.2	23.00
		50	25	21.36	21.39	21.35	21.31	21.41	23.00
		50	50	21.31	21.37	21.29	21.3	21.32	23.00
		100	0	21.32	21.27	21.24	21.31	21.37	23.00
		1	0	21.16	21.19	21.32	21.21	21.32	23.00
		1	50	21.32	21.35	21.25	21.35	21.26	23.00
		1	99	21.2	21.19	21.29	21.25	21.39	23.00
		50	0	20.2	20.2	20.29	20.15	21.2	22.00
		50	25	20.33	20.27	20.26	20.3	20.28	22.00
		50	50	20.4	20.43	20.38	20.41	20.27	22.00
		100	0	20.35	20.34	20.23	20.4	20.45	22.00
		1	0	20.30	20.29	20.28	20.24	20.42	22.00
		1	50	20.25	20.23	20.30	20.22	20.31	22.00
		1	99	20.23	20.20	20.18	20.22	20.31	22.00
		50	0	19.23	19.27	19.17	19.19	20.23	21.00
		50	25	19.28	19.26	19.27	19.32	19.23	21.00
		50	50	19.38	19.43	19.39	19.32	19.30	21.00
		100	0	19.28	19.23	19.34	19.26	19.32	21.00



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	256QAM	1	0	17.24	17.28	17.33	17.27	17.37	19.00
		1	50	17.32	17.38	17.27	17.38	17.31	19.00
		1	99	17.24	17.22	17.34	17.25	17.37	19.00
		50	0	17.26	17.31	17.28	17.20	18.35	19.00
		50	25	17.28	17.24	17.25	17.28	17.24	19.00
		50	50	17.40	17.40	17.32	17.45	17.31	19.00
		100	0	17.27	17.21	17.23	17.25	17.38	19.00

LTE Band 41 2496 - 2690 EC13/7				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	16.12	16.15	16.31	16.21	16.37	18.00
		1	13	16.2	16.6	16.25	16.25	16.34	18.00
		1	24	16.26	16.18	16.07	16.1	16.24	18.00
		12	0	16.28	16.1	16.02	16.23	17.48	18.00
		12	6	16.01	16.44	16.1	16.39	16.37	18.00
		12	13	16.27	16.47	16.47	16.36	16.34	18.00
		25	0	16.15	16.24	16.16	16.15	16.51	18.00
	16QAM	1	0	16	16.12	16.5	16.24	16.4	18.00
		1	13	16.36	16.41	16.16	16.55	16.46	18.00
		1	24	16.31	16.26	16.4	16.44	16.67	18.00
		12	0	16.19	16.21	16.18	16.04	17.03	18.00
		12	6	16.15	16.4	16.16	16.21	16.34	18.00
		12	13	16.4	16.64	16.45	16.37	16.22	18.00
	64QAM	25	0	16.27	16.08	16.16	16.16	16.46	18.00
		1	0	16.29	16.58	16.24	16.28	16.14	18.00
		1	13	16.30	16.17	16.19	16.27	16.30	18.00
		1	24	16.09	16.25	16.15	16.11	16.18	18.00
		12	0	16.27	16.00	16.20	16.33	17.19	18.00
		12	6	16.13	16.30	16.36	16.21	16.15	18.00
	256QAM	12	13	16.27	16.44	16.50	16.34	16.26	18.00
		25	0	16.42	16.31	16.31	16.25	16.27	18.00
		1	0	16.21	16.18	16.23	16.18	16.24	18.00
		1	13	16.45	16.61	16.30	16.24	16.43	18.00
		1	24	16.40	16.42	16.55	16.04	16.11	18.00
		12	0	16.48	16.25	16.23	16.14	17.54	18.00
		12	6	16.44	16.29	16.16	16.12	16.22	18.00
		12	13	16.48	16.51	16.38	16.54	16.36	18.00
		25	0	16.22	16.22	16.30	16.13	16.40	18.00
10MHz	QPSK	1	0	16.24	16.12	16.37	16.32	16.46	18.00
		1	25	16.18	16.49	16.21	16.31	16.33	18.00
		1	49	16.28	16.18	16.08	16.22	16.13	18.00
		25	0	16.26	16.22	16.1	16.43	17.35	18.00
		25	13	16.19	16.4	16.22	16.29	16.41	18.00
		25	25	16.37	16.34	16.36	16.39	16.46	18.00
		50	0	16.2	16.14	16.14	16.21	16.38	18.00
	16QAM	1	0	16.03	16.15	16.4	16.11	16.4	18.00
		1	25	16.34	16.44	16.29	16.39	16.35	18.00
		1	49	16.19	16.17	16.48	16.29	16.48	18.00
		25	0	16.13	16.36	16.25	16.11	17.06	18.00
		25	13	16.23	16.31	16.24	16.3	16.33	18.00
		25	25	16.43	16.54	16.41	16.38	16.16	18.00
		50	0	16.31	16.1	16.19	16.19	16.46	18.00
	64QAM	1	0	16.34	16.44	16.29	16.24	16.28	18.00
		1	25	16.22	16.22	16.12	16.32	16.31	18.00
		1	49	16.11	16.31	16.17	16.22	16.34	18.00
		25	0	16.14	16.16	16.04	16.12	17.09	18.00



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		25	13	16.06	16.17	16.32	16.31	16.12	18.00
		25	25	16.29	16.53	16.39	16.40	16.24	18.00
		50	0	16.40	16.33	16.30	16.04	16.33	18.00
	256QAM	1	0	16.23	16.27	16.20	16.29	16.36	18.00
		1	25	16.45	16.57	16.25	16.27	16.41	18.00
		1	49	16.35	16.44	16.52	16.22	16.23	18.00
		25	0	16.33	16.24	16.28	16.35	17.41	18.00
		25	13	16.45	16.22	16.08	16.06	16.28	18.00
		25	25	16.44	16.56	16.37	16.52	16.41	18.00
		50	0	16.15	16.07	16.23	16.18	16.32	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	16.3	16.18	16.33	16.34	16.43	18.00
		1	38	16.3	16.47	16.36	16.28	16.32	18.00
		1	74	16.19	16.25	16.13	16.33	16.23	18.00
		36	0	16.34	16.38	16.18	16.24	17.33	18.00
		36	18	16.28	16.41	16.18	16.37	16.29	18.00
		36	39	16.3	16.41	16.3	16.3	16.24	18.00
		75	0	16.22	16.36	16.26	16.36	16.33	18.00
	16QAM	1	0	16.12	16.3	16.29	16.29	16.38	18.00
		1	38	16.38	16.46	16.25	16.49	16.22	18.00
		1	74	16.17	16.12	16.3	16.36	16.43	18.00
		36	0	16.16	16.21	16.28	16.03	17.06	18.00
		36	18	16.27	16.27	16.31	16.29	16.2	18.00
		36	39	16.43	16.59	16.37	16.42	16.22	18.00
		75	0	16.24	16.3	16.09	16.37	16.31	18.00
	64QAM	1	0	16.42	16.28	16.29	16.31	16.38	18.00
		1	38	16.31	16.13	16.28	16.20	16.29	18.00
		1	74	16.17	16.27	16.21	16.15	16.30	18.00
		36	0	16.17	16.25	16.06	16.29	17.14	18.00
		36	18	16.22	16.30	16.19	16.34	16.21	18.00
		36	39	16.25	16.48	16.42	16.34	16.32	18.00
		75	0	16.30	16.27	16.38	16.25	16.43	18.00
	256QAM	1	0	16.20	16.15	16.28	16.40	16.29	18.00
		1	38	16.46	16.42	16.23	16.24	16.30	18.00
		1	74	16.30	16.34	16.44	16.13	16.34	18.00
		36	0	16.35	16.45	16.21	16.30	17.39	18.00
		36	18	16.35	16.33	16.21	16.12	16.26	18.00
		36	39	16.38	16.40	16.26	16.50	16.34	18.00
		75	0	16.11	16.14	16.20	16.24	16.44	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	16.23	16.12	16.26	16.18	16.3	18.00
		1	50	16.28	16.39	16.29	16.4	16.43	18.00
		1	99	16.24	16.17	16.13	16.28	16.35	18.00
		50	0	16.28	16.35	16.27	16.35	16.21	18.00
		50	25	16.36	16.37	16.35	16.36	16.45	18.00
		50	50	16.29	16.32	16.28	16.31	16.36	18.00
		100	0	16.3	16.22	16.26	16.28	16.3	18.00
	16QAM	1	0	16.18	16.24	16.24	16.15	16.34	18.00
		1	50	16.32	16.27	16.25	16.36	16.28	18.00
		1	99	16.27	16.16	16.35	16.22	16.46	18.00
		50	0	16.27	16.22	16.31	16.16	17.12	18.00
		50	25	16.28	16.24	16.26	16.23	16.2	18.00
		50	50	16.38	16.48	16.34	16.47	16.35	18.00
		100	0	16.27	16.27	16.24	16.46	16.4	18.00
	64QAM	1	0	16.30	16.29	16.21	16.24	16.45	18.00
		1	50	16.19	16.16	16.26	16.25	16.23	18.00
		1	99	16.31	16.21	16.17	16.18	16.35	18.00
		50	0	16.16	16.34	16.14	16.25	17.21	18.00
		50	25	16.26	16.29	16.23	16.31	16.30	18.00



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	256QAM	50	50	16.33	16.42	16.38	16.26	16.32	18.00
		100	0	16.28	16.30	16.29	16.18	16.37	18.00
		1	0	16.25	16.31	16.28	16.21	16.40	18.00
		1	50	16.27	16.40	16.24	16.45	16.28	18.00
		1	99	16.23	16.23	16.36	16.21	16.36	18.00
		50	0	16.18	16.30	16.36	16.12	17.41	18.00
		50	25	16.21	16.24	16.23	16.35	16.20	18.00
		50	50	16.47	16.46	16.27	16.38	16.32	18.00
		100	0	16.30	16.28	16.28	16.27	16.44	18.00

LTE Band 41 2496 - 2690 ECI10				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	18.06	18.15	18.33	18.16	18.43	20.00
		1	13	18.11	18.54	18.23	18.21	18.26	20.00
		1	24	18.29	18.19	18.23	18.09	18.15	20.00
		12	0	18.34	18.2	18.07	18.27	19.46	20.00
		12	6	18.07	18.37	18.03	18.25	18.35	20.00
		12	13	18.29	18.43	18.55	18.38	18.3	20.00
	16QAM	25	0	18.27	18.36	18.26	18.16	18.41	20.00
		1	0	18.04	18.07	18.5	18.17	18.51	20.00
		1	13	18.24	18.43	18.23	18.48	18.41	20.00
		1	24	18.26	18.29	18.48	18.4	18.56	20.00
		12	0	18.24	18.27	18.19	18.14	19.06	20.00
		12	6	18.15	18.37	18.2	18.27	18.36	20.00
	64QAM	12	13	18.42	18.51	18.56	18.48	18.17	20.00
		25	0	18.42	18.12	18.19	18.26	18.5	20.00
		1	0	18.30	18.48	18.28	18.35	18.23	20.00
		1	13	18.25	18.15	18.24	18.31	18.27	20.00
		1	24	18.13	18.26	18.13	18.13	18.19	20.00
		12	0	18.27	18.16	18.18	18.31	19.08	20.00
	256QAM	12	6	18.07	18.37	18.24	18.22	18.13	20.00
		12	13	18.19	18.49	18.43	18.42	18.22	20.00
		25	0	18.36	18.22	18.44	18.28	18.32	20.00
		1	0	17.08	17.13	17.25	17.17	17.34	19.00
		1	13	17.58	17.53	17.32	17.21	17.41	19.00
		1	24	17.39	17.37	17.58	17.05	17.24	19.00
10MHz	QPSK	12	0	18.27	18.16	18.18	18.31	19.08	20.00
		12	6	18.07	18.37	18.24	18.22	18.13	20.00
		12	13	18.19	18.49	18.43	18.42	18.22	20.00
		25	0	18.36	18.22	18.44	18.28	18.32	20.00
		1	0	17.08	17.13	17.25	17.17	17.34	19.00
		1	13	17.58	17.53	17.32	17.21	17.41	19.00
	16QAM	1	24	17.39	17.37	17.58	17.05	17.24	19.00
		12	0	18.27	18.16	18.18	18.31	19.08	20.00
		12	6	18.07	18.37	18.24	18.22	18.13	20.00
		12	13	18.19	18.49	18.43	18.42	18.22	20.00
		25	0	18.36	18.22	18.44	18.28	18.32	20.00
		1	0	17.08	17.13	17.25	17.17	17.34	19.00
	64QAM	1	13	17.58	17.53	17.32	17.21	17.41	19.00
		1	24	17.39	17.37	17.58	17.05	17.24	19.00
		12	0	18.27	18.16	18.18	18.31	19.08	20.00
		12	6	18.07	18.37	18.24	18.22	18.13	20.00
		12	13	18.19	18.49	18.43	18.42	18.22	20.00
		25	0	18.36	18.22	18.44	18.28	18.32	20.00
	QPSK	1	0	18.12	18.07	18.36	18.17	18.39	20.00
		1	25	18.36	18.51	18.27	18.4	18.31	20.00
		1	49	18.23	18.28	18.39	18.44	18.52	20.00
		25	0	18.25	18.35	18.15	18.08	19.09	20.00
		25	13	18.31	18.31	18.21	18.19	18.31	20.00
		25	25	18.55	18.5	18.45	18.36	18.2	20.00
	16QAM	50	0	18.39	18.15	18.24	18.21	18.42	20.00
		1	0	18.30	18.52	18.33	18.33	18.20	20.00
		1	25	18.20	18.23	18.24	18.26	18.31	20.00
		1	0	18.12	18.07	18.36	18.17	18.39	20.00
		1	25	18.36	18.51	18.27	18.4	18.31	20.00
		1	49	18.23	18.28	18.39	18.44	18.52	20.00
	64QAM	25	0	18.25	18.35	18.15	18.08	19.09	20.00
		25	13	18.31	18.31	18.21	18.19	18.31	20.00
		25	25	18.55	18.5	18.45	18.36	18.2	20.00
		50	0	18.39	18.15	18.24	18.21	18.42	20.00
		1	0	18.30	18.52	18.33	18.33	18.20	20.00
		1	25	18.20	18.23	18.24	18.26	18.31	20.00



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		1	49	18.17	18.32	18.24	18.13	18.26	20.00
		25	0	18.09	18.17	18.02	18.17	19.14	20.00
		25	13	18.11	18.20	18.31	18.21	18.04	20.00
		25	25	18.21	18.49	18.46	18.31	18.18	20.00
		50	0	18.47	18.34	18.32	18.13	18.33	20.00
	256QAM	1	0	17.24	17.13	17.24	17.21	17.30	19.00
		1	25	17.55	17.50	17.33	17.29	17.47	19.00
		1	49	17.25	17.38	17.52	17.11	17.23	19.00
		25	0	17.46	17.40	17.34	17.29	18.44	19.00
		25	13	17.53	17.15	17.06	17.17	17.38	19.00
		25	25	17.53	17.51	17.34	17.46	17.44	19.00
		50	0	17.01	17.21	17.26	17.16	17.40	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	18.17	18.27	18.34	18.24	18.34	20.00
		1	38	18.21	18.39	18.38	18.32	18.37	20.00
		1	74	18.33	18.17	18.14	18.29	18.21	20.00
		36	0	18.22	18.3	18.17	18.32	19.33	20.00
		36	18	18.19	18.4	18.34	18.33	18.33	20.00
		36	39	18.33	18.33	18.33	18.36	18.33	20.00
		75	0	18.16	18.21	18.22	18.26	18.35	20.00
	16QAM	1	0	18.14	18.29	18.33	18.3	18.32	20.00
		1	38	18.28	18.35	18.16	18.51	18.33	20.00
		1	74	18.24	18.09	18.42	18.31	18.48	20.00
		36	0	18.22	18.2	18.23	18.04	19.07	20.00
		36	18	18.22	18.16	18.23	18.35	18.32	20.00
		36	39	18.4	18.48	18.32	18.35	18.24	20.00
		75	0	18.21	18.25	18.2	18.28	18.35	20.00
	64QAM	1	0	18.33	18.32	18.25	18.19	18.29	20.00
		1	38	18.30	18.15	18.26	18.22	18.34	20.00
		1	74	18.13	18.21	18.15	18.10	18.16	20.00
		36	0	18.23	18.19	18.02	18.25	19.26	20.00
		36	18	18.18	18.31	18.33	18.39	18.17	20.00
		36	39	18.38	18.56	18.51	18.46	18.37	20.00
		75	0	18.44	18.35	18.32	18.09	18.35	20.00
	256QAM	1	0	17.13	17.26	17.16	17.40	17.32	19.00
		1	38	17.38	17.50	17.21	17.30	17.45	19.00
		1	74	17.19	17.26	17.33	17.22	17.26	19.00
		36	0	17.25	17.42	17.24	17.21	18.39	19.00
		36	18	17.44	17.28	17.23	17.27	17.27	19.00
		36	39	17.38	17.42	17.27	17.43	17.38	19.00
		75	0	17.13	17.12	17.29	17.17	17.51	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.18	18.1	18.26	18.13	18.32	20.00
		1	50	18.35	18.36	18.31	18.39	18.44	20.00
		1	99	18.19	18.25	18.29	18.26	18.26	20.00
		50	0	18.33	18.34	18.14	18.22	18.21	20.00
		50	25	18.35	18.41	18.4	18.33	18.45	20.00
		50	50	18.35	18.29	18.21	18.32	18.29	20.00
		100	0	18.38	18.24	18.23	18.37	18.42	20.00
	16QAM	1	0	18.17	18.2	18.34	18.19	18.35	20.00
		1	50	18.31	18.43	18.29	18.28	18.23	20.00
		1	99	18.12	18.27	18.28	18.23	18.31	20.00
		50	0	18.14	18.21	18.32	18.16	19.13	20.00
		50	25	18.41	18.21	18.33	18.33	18.36	20.00
		50	50	18.45	18.5	18.46	18.44	18.19	20.00
		100	0	18.27	18.29	18.27	18.44	18.51	20.00
	64QAM	1	0	18.37	18.29	18.36	18.25	18.42	20.00
		1	50	18.33	18.16	18.31	18.27	18.23	20.00
		1	99	18.29	18.13	18.17	18.21	18.26	20.00



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		50	0	18.26	18.28	18.12	18.17	19.24	20.00
		50	25	18.28	18.27	18.29	18.27	18.15	20.00
		50	50	18.42	18.45	18.32	18.24	18.30	20.00
		100	0	18.22	18.16	18.38	18.32	18.25	20.00
	256QAM	1	0	17.19	17.22	17.30	17.19	17.31	19.00
		1	50	17.37	17.34	17.24	17.31	17.25	19.00
		1	99	17.29	17.24	17.31	17.22	17.38	19.00
		50	0	17.21	17.24	17.32	17.23	18.37	19.00
		50	25	17.27	17.16	17.33	17.34	17.19	19.00
		50	50	17.41	17.47	17.24	17.45	17.29	19.00
		100	0	17.22	17.14	17.25	17.23	17.37	19.00



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4 Conducted Power of NR SA

4.1 Conducted Power of NR (Ant1)

N77 PC3_30kHz ECI 2/3/4				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	20.86	/	22.00
		1	137	/	21.02	/	22.00
		1	271	/	21.07	/	22.00
		135	0	/	20.23	/	21.00
		135	69	/	20.99	/	22.00
		135	138	/	20.23	/	21.00
		270	0	/	20.08	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	19.98	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.44	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	20.78	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	20.94	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	20.95	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	20.84	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	20.79	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	20.98	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	20.96	20.85	20.90	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	



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25MHz	DFT-s-OFDM QPSK	1	1	20.87	20.89	21.00	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636167	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.73	20.90	20.78	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 630167	Channel 633334	Channel 636501	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	20.95	20.77	20.87	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.32	20.47	20.51	22.00

N77 PC3 30kHz ECI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	19.83	/	21.00
		1	137	/	20.05	/	21.00
		1	271	/	20.00	/	21.00
		135	0	/	19.28	/	20.00
		135	69	/	20.03	/	21.00
		135	138	/	19.20	/	20.00
		270	0	/	19.05	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	18.98	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.45	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	19.86	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.93	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	19.95	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	19.92	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	19.83	/	21.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.91	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.93	19.82	19.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	19.82	19.89	19.74	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.94	19.77	19.97	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	19.89	19.83	19.93	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	19.71	19.74	19.74	21.00

N77 PC2 30kHz ECI 2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	23.85	/	25.00
		1	137	/	23.99	/	25.00
		1	271	/	24.09	/	25.00
		135	0	/	20.76	/	21.50
		135	69	/	24.04	/	25.00
		135	138	/	20.75	/	21.50
		270	0	/	23.03	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.99	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.44	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	23.85	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	23.82	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	



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