

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

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

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	64QAM	1	0	19.82	19.58	19.72	20.00
		1	7	19.91	19.91	19.50	20.00
		1	14	19.85	19.92	19.73	20.00
		8	0	19.63	19.74	19.73	20.00
		8	4	19.73	19.95	19.60	20.00
		8	7	19.80	19.80	19.50	20.00
		15	0	19.86	19.78	19.67	20.00
	256QAM	1	0	18.76	18.77	18.79	19.00
		1	7	18.74	18.85	18.76	19.00
		1	14	18.94	18.66	18.76	19.00
		8	0	18.76	18.78	18.70	19.00
		8	4	18.76	18.87	18.76	19.00
		8	7	18.92	18.86	18.81	19.00
		15	0	18.63	18.68	18.76	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	19.89	19.93	19.88	20.00
		1	13	19.78	19.72	19.71	20.00
		1	24	19.79	19.77	19.71	20.00
		12	0	19.71	19.73	19.59	20.00
		12	6	19.78	19.86	19.92	20.00
		12	13	19.86	19.79	19.73	20.00
	16QAM	25	0	19.74	19.79	19.70	20.00
		1	0	19.70	19.84	19.68	20.00
		1	13	19.57	19.92	19.80	20.00
		1	24	19.94	19.71	19.95	20.00
		12	0	19.91	19.91	19.76	20.00
		12	6	19.76	19.94	19.88	20.00
	64QAM	12	13	19.84	19.89	19.79	20.00
		25	0	19.63	19.89	19.97	20.00
		1	0	19.81	19.68	19.79	20.00
		1	13	19.89	19.87	19.57	20.00
		1	24	19.77	19.97	19.75	20.00
		12	0	19.68	19.73	19.83	20.00
	256QAM	12	6	19.79	19.92	19.68	20.00
		12	13	19.84	19.90	19.60	20.00
		25	0	19.86	19.70	19.65	20.00
		1	0	18.80	18.84	18.85	19.00
		1	13	18.81	18.89	18.79	19.00
		1	24	18.88	18.72	18.66	19.00
10MHz	QPSK	12	0	18.68	18.86	18.69	19.00
		12	6	18.83	18.90	18.83	19.00
		12	13	18.84	18.83	18.84	19.00
		25	0	18.73	18.60	18.74	19.00
	16QAM	1	0	19.94	19.83	19.79	20.00
		1	25	19.72	19.82	19.80	20.00
		1	49	19.74	19.82	19.71	20.00
		25	0	19.75	19.81	19.60	20.00
		25	13	19.87	19.85	19.86	20.00
		25	25	19.85	19.80	19.83	20.00
	64QAM	50	0	19.66	19.76	19.65	20.00
		1	0	19.80	19.84	19.74	20.00
		1	25	19.54	19.85	19.74	20.00
		1	49	19.98	19.68	19.97	20.00
		25	0	19.82	19.89	19.74	20.00
		25	13	19.72	19.84	19.89	20.00
	QPSK	25	25	19.86	19.82	19.69	20.00
		50	0	19.61	19.84	19.97	20.00
	16QAM	1	0	19.84	19.72	19.71	20.00
		1	0	19.84	19.72	19.71	20.00
		1	0	19.84	19.72	19.71	20.00
		1	0	19.84	19.72	19.71	20.00
	64QAM	1	0	19.84	19.72	19.71	20.00
		1	0	19.84	19.72	19.71	20.00
		1	0	19.84	19.72	19.71	20.00
		1	0	19.84	19.72	19.71	20.00
		1	0	19.84	19.72	19.71	20.00
		1	0	19.84	19.72	19.71	20.00



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		1	25	19.84	19.83	19.67	20.00
		1	49	19.84	19.92	19.82	20.00
		25	0	19.64	19.82	19.83	20.00
		25	13	19.79	19.92	19.78	20.00
		25	25	19.80	19.99	19.61	20.00
		50	0	19.89	19.77	19.67	20.00
	256QAM	1	0	18.76	18.92	18.91	19.00
		1	25	18.85	19.00	18.87	19.00
		1	49	18.85	18.78	18.67	19.00
		25	0	18.72	18.84	18.69	19.00
		25	13	18.81	18.95	18.89	19.00
		25	25	18.79	18.84	18.87	19.00
		50	0	18.68	18.63	18.66	19.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					132047	132322	132597
15MHz	QPSK	1	0	19.98	19.82	19.86	20.00
		1	38	19.79	19.80	19.82	20.00
		1	74	19.67	19.74	19.64	20.00
		36	0	19.78	19.82	19.60	20.00
		36	18	19.81	19.82	19.76	20.00
		36	39	19.80	19.90	19.80	20.00
	16QAM	75	0	19.72	19.86	19.68	20.00
		1	0	19.84	19.78	19.82	20.00
		1	38	19.58	19.79	19.79	20.00
		1	74	19.93	19.67	19.91	20.00
		36	0	19.81	19.84	19.73	20.00
		36	18	19.70	19.85	19.90	20.00
	64QAM	36	39	19.91	19.82	19.61	20.00
		75	0	19.68	19.93	19.90	20.00
		1	0	19.84	19.72	19.65	20.00
		1	38	19.81	19.89	19.63	20.00
		1	74	19.87	19.85	19.86	20.00
		36	0	19.65	19.73	19.84	20.00
	256QAM	36	18	19.78	19.90	19.87	20.00
		36	39	19.79	19.91	19.70	20.00
		75	0	19.91	19.71	19.76	20.00
		1	0	18.78	18.85	18.92	19.00
		1	38	18.84	18.99	18.86	19.00
		1	74	18.85	18.86	18.72	19.00
20MHz	QPSK	36	0	18.79	18.88	18.79	19.00
		36	18	18.83	18.96	18.82	19.00
		36	39	18.83	18.87	18.86	19.00
		75	0	18.74	18.71	18.65	19.00
	16QAM	1	0	19.91	19.87	19.78	20.00
		1	50	19.74	19.84	19.77	20.00
		1	99	19.77	19.81	19.73	20.00
		50	0	19.70	19.81	19.69	20.00
		50	25	19.79	19.76	19.82	20.00
		50	50	19.88	19.91	19.75	20.00
	64QAM	100	0	19.72	19.85	19.75	20.00
		1	0	19.75	19.85	19.86	20.00
		1	50	19.60	19.74	19.76	20.00
		1	99	19.86	19.74	19.88	20.00
		50	0	19.80	19.87	19.77	20.00
		50	25	19.80	19.88	19.81	20.00
	256QAM	50	50	19.92	19.91	19.69	20.00
		100	0	19.78	19.84	19.80	20.00
		1	0	19.75	19.82	19.75	20.00
		1	50	19.72	19.79	19.64	20.00
		1	99	19.77	19.81	19.73	20.00
		50	0	19.70	19.81	19.69	20.00



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		1	99	19.92	19.85	19.84	20.00
		50	0	19.72	19.83	19.75	20.00
		50	25	19.78	19.89	19.79	20.00
		50	50	19.83	19.85	19.78	20.00
		100	0	19.84	19.81	19.76	20.00
	256QAM	1	0	18.87	18.92	18.85	19.00
		1	50	18.77	18.89	18.86	19.00
		1	99	18.87	18.94	18.82	19.00
		50	0	18.70	18.84	18.73	19.00
		50	25	18.76	18.87	18.73	19.00
		50	50	18.82	18.89	18.80	19.00
		100	0	18.83	18.77	18.66	19.00

LTE Band 66 DSI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	17.70	17.86	17.82	18.00
		1	2	17.63	17.69	17.71	18.00
		1	5	17.85	17.90	17.72	18.00
		3	0	17.70	17.78	17.62	18.00
		3	1	17.86	17.93	17.71	18.00
		3	3	17.57	17.95	17.51	18.00
		6	0	17.56	17.85	17.84	18.00
	16QAM	1	0	17.82	17.90	17.80	18.00
		1	2	17.75	17.85	17.81	18.00
		1	5	17.90	17.68	17.67	18.00
		3	0	17.93	17.84	17.81	18.00
		3	1	17.99	17.94	17.76	18.00
		3	3	17.93	17.80	17.47	18.00
		6	0	17.79	17.67	17.80	18.00
	64QAM	1	0	17.82	17.72	17.58	18.00
		1	2	17.57	17.64	17.69	18.00
		1	5	17.77	17.92	17.92	18.00
		3	0	17.72	17.94	17.78	18.00
		3	1	17.66	17.99	17.70	18.00
		3	3	17.84	17.92	17.99	18.00
		6	0	17.70	17.83	17.82	18.00
	256QAM	1	0	17.86	17.85	17.83	18.00
		1	2	17.94	17.84	17.96	18.00
		1	5	17.85	17.89	17.93	18.00
		3	0	17.76	17.84	17.52	18.00
		3	1	17.75	17.78	17.62	18.00
		3	3	17.65	17.89	17.86	18.00
		6	0	17.92	17.70	17.69	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	17.74	17.91	17.83	18.00
		1	7	17.59	17.74	17.67	18.00
		1	14	17.86	17.95	17.73	18.00
		8	0	17.78	17.70	17.66	18.00
		8	4	17.85	17.90	17.66	18.00
		8	7	17.66	17.92	17.54	18.00
		15	0	17.59	17.91	17.77	18.00
	16QAM	1	0	17.81	17.83	17.90	18.00
		1	7	17.72	17.84	17.82	18.00
		1	14	17.86	17.75	17.77	18.00
		8	0	17.89	17.83	17.78	18.00
		8	4	17.90	17.96	17.77	18.00
		8	7	17.89	17.80	17.45	18.00



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	64QAM	15	0	17.87	17.76	17.90	18.00
		1	0	17.73	17.74	17.50	18.00
		1	7	17.67	17.70	17.62	18.00
		1	14	17.74	17.84	17.97	18.00
		8	0	17.78	17.99	17.77	18.00
		8	4	17.56	17.92	17.61	18.00
		8	7	17.75	17.85	17.92	18.00
		15	0	17.74	17.78	17.80	18.00
	256QAM	1	0	17.84	17.91	17.91	18.00
		1	7	17.89	17.89	17.97	18.00
		1	14	17.81	17.93	17.85	18.00
		8	0	17.79	17.76	17.43	18.00
		8	4	17.66	17.82	17.52	18.00
		8	7	17.71	17.83	17.81	18.00
		15	0	17.84	17.72	17.76	18.00
		15	0	17.84	17.72	17.76	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	17.84	18.00	17.97	18.00
		1	13	17.57	17.82	17.60	18.00
		1	24	17.78	17.90	17.66	18.00
		12	0	17.74	17.69	17.63	18.00
		12	6	17.79	17.83	17.74	18.00
		12	13	17.71	17.86	17.62	18.00
		25	0	17.58	17.82	17.69	18.00
		25	0	17.58	17.82	17.69	18.00
	16QAM	1	0	17.85	17.91	17.95	18.00
		1	13	17.74	17.79	17.91	18.00
		1	24	17.88	17.72	17.78	18.00
		12	0	17.83	17.75	17.76	18.00
		12	6	17.85	17.88	17.68	18.00
		12	13	17.98	17.86	17.52	18.00
		25	0	17.97	17.66	17.94	18.00
		25	0	17.97	17.66	17.94	18.00
	64QAM	1	0	17.63	17.83	17.57	18.00
		1	13	17.62	17.67	17.63	18.00
		1	24	17.75	17.88	17.95	18.00
		12	0	17.71	17.93	17.77	18.00
		12	6	17.63	17.92	17.63	18.00
		12	13	17.76	17.76	17.85	18.00
		25	0	17.79	17.74	17.74	18.00
		25	0	17.79	17.74	17.74	18.00
	256QAM	1	0	17.83	17.94	17.88	18.00
		1	13	17.81	17.82	18.00	18.00
		1	24	17.91	17.90	17.79	18.00
		12	0	17.79	17.79	17.52	18.00
		12	6	17.72	17.83	17.53	18.00
		12	13	17.79	17.89	17.71	18.00
		25	0	17.88	17.82	17.79	18.00
		25	0	17.88	17.82	17.79	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	17.87	17.91	17.92	18.00
		1	25	17.60	17.86	17.63	18.00
		1	49	17.78	17.83	17.69	18.00
		25	0	17.67	17.77	17.63	18.00
		25	13	17.87	17.74	17.65	18.00
		25	25	17.79	17.78	17.67	18.00
		50	0	17.61	17.82	17.69	18.00
		50	0	17.61	17.82	17.69	18.00
	16QAM	1	0	17.82	17.85	17.88	18.00
		1	25	17.73	17.78	17.88	18.00
		1	49	17.92	17.77	17.82	18.00
		25	0	17.85	17.81	17.76	18.00
		25	13	17.78	17.86	17.75	18.00
		25	25	17.94	17.81	17.61	18.00
		50	0	17.96	17.75	17.88	18.00
		50	0	17.96	17.75	17.88	18.00



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	64QAM	1	0	17.71	17.74	17.67	18.00
		1	25	17.60	17.75	17.66	18.00
		1	49	17.79	17.83	17.91	18.00
		25	0	17.71	17.94	17.79	18.00
		25	13	17.64	17.98	17.61	18.00
		25	25	17.84	17.84	17.88	18.00
	256QAM	50	0	17.74	17.84	17.77	18.00
		1	0	17.87	17.92	17.90	18.00
		1	25	17.81	17.82	17.97	18.00
		1	49	17.90	17.94	17.77	18.00
		25	0	17.77	17.71	17.55	18.00
		25	13	17.65	17.90	17.57	18.00
		25	25	17.82	17.84	17.74	18.00
		50	0	17.87	17.92	17.80	18.00
				Channel	Channel	Channel	Tune up
				132047	132322	132597	
	15MHz	1	0	17.87	17.83	17.85	18.00
		1	38	17.69	17.76	17.73	18.00
	QPSK	1	74	17.82	17.81	17.68	18.00
		36	0	17.71	17.83	17.70	18.00
		36	18	17.82	17.69	17.75	18.00
		36	39	17.99	17.85	17.76	18.00
		75	0	17.70	17.83	17.63	18.00
		1	0	17.90	17.77	17.90	18.00
	16QAM	1	38	17.67	17.73	17.85	18.00
		1	74	17.85	17.70	17.90	18.00
		36	0	17.82	17.82	17.73	18.00
		36	18	17.79	17.93	17.82	18.00
		36	39	17.93	17.99	17.55	18.00
		75	0	17.93	17.85	17.93	18.00
	64QAM	1	0	17.65	17.72	17.72	18.00
		1	38	17.65	17.66	17.56	18.00
		1	74	17.88	17.81	17.88	18.00
		36	0	17.71	17.94	17.84	18.00
		36	18	17.71	17.88	17.68	18.00
		36	39	17.88	17.82	17.90	18.00
	256QAM	75	0	17.76	17.82	17.85	18.00
		1	0	17.82	17.88	17.85	18.00
		1	38	17.86	17.91	17.97	18.00
		1	74	17.91	17.94	17.78	18.00
		36	0	17.82	17.72	17.64	18.00
		36	18	17.73	17.97	17.67	18.00
		36	39	17.78	17.93	17.83	18.00
		75	0	17.91	17.82	17.71	18.00
				Channel	Channel	Channel	Tune up
				132072	132322	132572	
	20MHz	1	0	17.91	17.82	17.75	18.00
		1	50	17.74	17.86	17.79	18.00
		1	99	17.77	17.80	17.76	18.00
		50	0	17.72	17.78	17.70	18.00
		50	25	17.84	17.79	17.80	18.00
		50	50	17.90	17.94	17.77	18.00
	16QAM	100	0	17.70	17.81	17.71	18.00
		1	0	17.80	17.80	17.81	18.00
		1	50	17.59	17.76	17.76	18.00
		1	99	17.88	17.79	17.85	18.00
		50	0	17.81	17.82	17.76	18.00
		50	25	17.79	17.88	17.79	18.00
	64QAM	50	50	17.96	17.94	17.65	18.00
		100	0	17.83	17.80	17.83	18.00
		1	0	17.72	17.82	17.74	18.00



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		1	50	17.69	17.75	17.66	18.00
		1	99	17.87	17.80	17.82	18.00
		50	0	17.69	17.87	17.79	18.00
		50	25	17.79	17.89	17.75	18.00
		50	50	17.84	17.88	17.80	18.00
		100	0	17.86	17.78	17.81	18.00
	256QAM	1	0	17.88	17.88	17.85	18.00
		1	50	17.76	17.93	17.89	18.00
		1	99	17.83	17.94	17.86	18.00
		50	0	17.74	17.79	17.73	18.00
		50	25	17.77	17.92	17.75	18.00
		50	50	17.77	17.94	17.75	18.00
		100	0	17.81	17.82	17.64	18.00



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2.4 Conducted Power of Inter Band LTE Uplink CA (Ant4)

LTE Band 48 DSI 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	18.57	18.73	18.26	19.50
		1	13	18.50	18.70	18.75	19.50
		1	24	18.48	18.81	18.86	19.50
		12	0	18.54	18.61	18.93	19.50
		12	6	18.44	18.61	18.58	19.50
		12	13	18.69	18.68	18.79	19.50
		25	0	18.38	18.62	18.91	19.50
	16QAM	1	0	18.59	18.41	18.36	19.50
		1	13	18.53	18.64	18.74	19.50
		1	24	18.38	18.72	18.84	19.50
		12	0	18.43	18.74	18.75	19.50
		12	6	18.65	18.60	18.80	19.50
		12	13	18.58	18.66	18.65	19.50
		25	0	18.46	18.61	18.63	19.50
	64QAM	1	0	18.66	18.60	18.24	19.50
		1	13	18.72	18.56	18.87	19.50
		1	24	18.42	18.66	18.77	19.50
		12	0	18.50	18.52	18.87	19.50
		12	6	18.48	18.78	18.93	19.50
		12	13	18.79	18.56	18.94	19.50
		25	0	18.51	18.75	18.87	19.50
	256QAM	1	0	17.58	17.73	17.76	18.50
		1	13	17.64	17.84	17.74	18.50
		1	24	17.51	17.54	17.79	18.50
		12	0	17.73	17.54	17.69	18.50
		12	6	17.52	17.66	17.70	18.50
		12	13	17.55	17.58	17.61	18.50
		25	0	17.64	17.74	17.86	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	18.56	18.63	18.28	19.50
		1	25	18.51	18.70	18.76	19.50
		1	49	18.51	18.78	18.91	19.50
		25	0	18.46	18.62	18.86	19.50
		25	13	18.52	18.68	18.67	19.50
		25	25	18.68	18.65	18.80	19.50
		50	0	18.47	18.66	18.83	19.50
	16QAM	1	0	18.52	18.44	18.36	19.50
		1	25	18.52	18.56	18.74	19.50
		1	49	18.37	18.65	18.88	19.50
		25	0	18.48	18.73	18.75	19.50
		25	13	18.61	18.63	18.82	19.50
		25	25	18.60	18.76	18.73	19.50
		50	0	18.47	18.62	18.72	19.50
	64QAM	1	0	18.64	18.63	18.23	19.50
		1	25	18.63	18.63	18.77	19.50
		1	49	18.40	18.67	18.79	19.50
		25	0	18.41	18.61	18.94	19.50
		25	13	18.51	18.86	18.83	19.50
		25	25	18.70	18.64	18.90	19.50
		50	0	18.45	18.67	18.81	19.50
	256QAM	1	0	17.53	17.68	17.79	18.50
		1	25	17.54	17.84	17.66	18.50
		1	49	17.50	17.52	17.73	18.50



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		25	0	17.82	17.64	17.67	18.50
		25	13	17.61	17.70	17.64	18.50
		25	25	17.53	17.58	17.70	18.50
		50	0	17.63	17.70	17.82	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 55315	Channel 55990	Channel 56665	Tune up
15MHz	QPSK	1	0	18.48	18.60	18.19	19.50
		1	38	18.49	18.70	18.85	19.50
		1	74	18.50	18.69	18.85	19.50
		36	0	18.36	18.63	18.94	19.50
		36	18	18.45	18.65	18.72	19.50
		36	39	18.61	18.68	18.73	19.50
	16QAM	75	0	18.41	18.64	18.81	19.50
		1	0	18.56	18.45	18.33	19.50
		1	38	18.59	18.63	18.72	19.50
		1	74	18.41	18.63	18.84	19.50
		36	0	18.51	18.63	18.82	19.50
		36	18	18.51	18.64	18.82	19.50
	64QAM	36	39	18.57	18.75	18.79	19.50
		75	0	18.45	18.72	18.80	19.50
		1	0	18.56	18.55	18.24	19.50
		1	38	18.62	18.70	18.83	19.50
		1	74	18.49	18.57	18.86	19.50
		36	0	18.46	18.58	18.94	19.50
20MHz	QPSK	36	18	18.56	18.81	18.76	19.50
		36	39	18.69	18.71	18.86	19.50
		75	0	18.52	18.63	18.78	19.50
	16QAM	1	0	17.44	17.60	17.70	18.50
		1	38	17.48	17.77	17.76	18.50
		1	74	17.48	17.60	17.71	18.50
	64QAM	36	0	17.74	17.72	17.69	18.50
		36	18	17.62	17.70	17.57	18.50
		36	39	17.56	17.49	17.74	18.50
		75	0	17.64	17.63	17.72	18.50
	256QAM	1	0	18.52	18.57	18.48	19.50
		1	50	18.58	18.68	18.62	19.50
		1	99	18.54	18.68	18.71	19.50
		50	0	18.43	18.66	18.86	19.50
		50	25	18.54	18.71	18.81	19.50
		50	50	18.59	18.69	18.77	19.50
20MHz	QPSK	100	0	18.51	18.70	18.81	19.50
		1	0	18.55	18.53	18.26	19.50
		1	50	18.53	18.72	18.81	19.50
		1	99	18.50	18.71	18.77	19.50
		50	0	18.46	18.62	18.85	19.50
		50	25	18.49	18.74	18.77	19.50
	16QAM	50	50	18.61	18.73	18.77	19.50
		100	0	18.48	18.72	18.77	19.50
	64QAM	1	0	18.53	18.55	18.24	19.50
		1	50	18.55	18.71	18.83	19.50
		1	99	18.54	18.63	18.82	19.50
		50	0	18.40	18.68	18.85	19.50
	256QAM	50	25	18.50	18.74	18.82	19.50
		50	50	18.63	18.71	18.80	19.50
		100	0	18.49	18.67	18.79	19.50
		1	0	17.36	17.59	17.76	18.50
		1	50	17.43	17.71	17.81	18.50
		1	99	17.46	17.65	17.76	18.50
		50	0	17.65	17.66	17.71	18.50



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		50	25	17.63	17.71	17.66	18.50
		50	50	17.59	17.55	17.67	18.50
		100	0	17.55	17.57	17.65	18.50

LTE Band 48 DSI 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	55265	55990	56715	17.50
		1	13	16.70	16.38	16.34	17.50
		1	24	16.79	16.76	16.61	17.50
		12	0	16.63	16.82	16.78	17.50
		12	6	16.67	16.63	16.90	17.50
		12	13	16.44	16.59	16.88	17.50
		25	0	16.56	16.45	16.68	17.50
	16QAM	1	0	16.72	16.72	16.87	17.50
		1	13	16.60	16.45	16.32	17.50
		1	24	16.71	16.61	16.90	17.50
		12	0	16.35	16.94	16.70	17.50
		12	6	16.50	16.56	16.90	17.50
		12	13	16.45	16.88	16.84	17.50
		25	0	16.62	16.62	16.84	17.50
	64QAM	1	0	16.47	16.63	16.89	17.50
		1	13	16.58	16.56	16.35	17.50
		1	24	16.69	16.72	16.92	17.50
		12	0	16.42	16.72	16.89	17.50
		12	6	16.50	16.68	16.92	17.50
		12	13	16.53	16.65	16.95	17.50
		25	0	16.55	16.79	16.72	17.50
	256QAM	1	0	16.74	16.75	16.92	17.50
		1	13	16.47	16.57	16.82	17.50
		1	24	16.47	16.60	16.92	17.50
		12	0	16.41	16.57	16.65	17.50
		12	6	16.55	16.72	16.78	17.50
		12	13	16.63	16.82	16.58	17.50
		25	0	16.55	16.74	16.48	17.50
10MHz	QPSK	1	0	16.77	16.59	16.81	17.50
		1	13	16.61	16.44	16.37	17.50
		1	25	16.75	16.82	16.62	17.50
		1	49	16.69	16.83	16.85	17.50
		25	0	16.60	16.71	16.85	17.50
		25	13	16.40	16.60	16.88	17.50
		25	25	16.60	16.51	16.70	17.50
	16QAM	50	0	16.62	16.69	16.86	17.50
		1	0	16.63	16.44	16.38	17.50
		1	25	16.64	16.65	16.88	17.50
		1	49	16.40	16.86	16.77	17.50
		25	0	16.44	16.61	16.92	17.50
		25	13	16.52	16.92	16.89	17.50
		25	25	16.68	16.69	16.89	17.50
	64QAM	50	0	16.46	16.73	16.89	17.50
		1	0	16.54	16.52	16.31	17.50
		1	25	16.61	16.66	16.92	17.50
		1	49	16.48	16.69	16.85	17.50
		25	0	16.44	16.75	16.84	17.50
		25	13	16.47	16.74	16.90	17.50
		25	25	16.57	16.89	16.66	17.50
	256QAM	50	0	16.72	16.74	16.96	17.50
		1	0	16.38	16.60	16.91	17.50



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		1	25	16.42	16.69	16.88	17.50
		1	49	16.48	16.53	16.59	17.50
		25	0	16.54	16.71	16.75	17.50
		25	13	16.61	16.85	16.60	17.50
		25	25	16.49	16.75	16.48	17.50
		50	0	16.69	16.67	16.87	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	16.55	16.51	16.45	17.50
		1	38	16.66	16.72	16.67	17.50
		1	74	16.61	16.74	16.76	17.50
		36	0	16.51	16.67	16.85	17.50
		36	18	16.45	16.61	16.85	17.50
		36	39	16.52	16.54	16.78	17.50
		75	0	16.61	16.63	16.79	17.50
	16QAM	1	0	16.67	16.52	16.28	17.50
		1	38	16.54	16.71	16.92	17.50
		1	74	16.41	16.83	16.79	17.50
		36	0	16.43	16.63	16.91	17.50
		36	18	16.44	16.82	16.88	17.50
		36	39	16.58	16.74	16.87	17.50
		75	0	16.46	16.69	16.79	17.50
	64QAM	1	0	16.55	16.56	16.38	17.50
		1	38	16.52	16.68	16.94	17.50
		1	74	16.48	16.60	16.90	17.50
		36	0	16.41	16.78	16.89	17.50
		36	18	16.52	16.74	16.81	17.50
		36	39	16.67	16.80	16.70	17.50
		75	0	16.62	16.64	16.92	17.50
	256QAM	1	0	16.32	16.55	16.81	17.50
		1	38	16.38	16.76	16.91	17.50
		1	74	16.57	16.51	16.64	17.50
		36	0	16.61	16.69	16.77	17.50
		36	18	16.56	16.80	16.64	17.50
		36	39	16.56	16.70	16.58	17.50
		75	0	16.65	16.64	16.79	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	16.53	16.56	16.53	17.50
		1	50	16.61	16.68	16.58	17.50
		1	99	16.58	16.66	16.74	17.50
		50	0	16.41	16.71	16.89	17.50
		50	25	16.51	16.69	16.86	17.50
		50	50	16.55	16.64	16.72	17.50
		100	0	16.52	16.67	16.82	17.50
	16QAM	1	0	16.58	16.49	16.23	17.50
		1	50	16.49	16.68	16.86	17.50
		1	99	16.47	16.75	16.76	17.50
		50	0	16.48	16.64	16.89	17.50
		50	25	16.53	16.74	16.78	17.50
		50	50	16.64	16.75	16.79	17.50
		100	0	16.48	16.74	16.79	17.50
	64QAM	1	0	16.58	16.57	16.29	17.50
		1	50	16.50	16.67	16.87	17.50
		1	99	16.54	16.62	16.80	17.50
		50	0	16.35	16.68	16.81	17.50
		50	25	16.45	16.79	16.79	17.50
		50	50	16.60	16.71	16.75	17.50
		100	0	16.53	16.62	16.82	17.50
	256QAM	1	0	16.38	16.59	16.76	17.50
		1	50	16.46	16.75	16.85	17.50



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		1	99	16.50	16.61	16.71	17.50
		50	0	16.63	16.61	16.68	17.50
		50	25	16.64	16.74	16.70	17.50
		50	50	16.55	16.60	16.67	17.50
		100	0	16.57	16.57	16.69	17.50

LTE Band 48 DSI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	17.68	17.55	17.56	18.50
		1	13	17.60	17.72	17.51	18.50
		1	24	17.69	17.55	17.92	18.50
		12	0	17.23	17.79	17.82	18.50
		12	6	17.46	17.68	17.98	18.50
		12	13	17.44	17.57	17.73	18.50
		25	0	17.62	17.81	17.79	18.50
	16QAM	1	0	17.53	17.52	17.27	18.50
		1	13	17.42	17.61	17.99	18.50
		1	24	17.23	17.81	17.78	18.50
		12	0	17.31	17.68	17.83	18.50
		12	6	17.45	17.85	17.65	18.50
		12	13	17.82	17.66	17.90	18.50
		25	0	17.39	17.69	17.81	18.50
	64QAM	1	0	17.46	17.62	17.17	18.50
		1	13	17.54	17.50	17.96	18.50
		1	24	17.55	17.49	17.82	18.50
		12	0	17.43	17.48	17.68	18.50
		12	6	17.49	17.94	17.72	18.50
		12	13	17.44	17.67	17.66	18.50
		25	0	17.59	17.68	18.05	18.50
	256QAM	1	0	17.27	17.55	17.80	18.50
		1	13	17.56	17.63	17.71	18.50
		1	24	17.46	17.49	17.71	18.50
		12	0	17.54	17.71	17.74	18.50
		12	6	17.80	17.66	17.73	18.50
		12	13	17.39	17.49	17.61	18.50
		25	0	17.67	17.56	17.83	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	17.67	17.64	17.51	18.50
		1	25	17.58	17.67	17.58	18.50
		1	49	17.66	17.56	17.88	18.50
		25	0	17.23	17.70	17.87	18.50
		25	13	17.48	17.61	17.88	18.50
		25	25	17.52	17.67	17.69	18.50
	16QAM	50	0	17.68	17.75	17.80	18.50
		1	0	17.54	17.53	17.23	18.50
		1	25	17.41	17.63	17.98	18.50
		1	49	17.27	17.84	17.86	18.50
		25	0	17.41	17.77	17.87	18.50
		25	13	17.40	17.88	17.55	18.50
		25	25	17.76	17.73	17.85	18.50
	64QAM	50	0	17.48	17.73	17.80	18.50
		1	0	17.53	17.61	17.22	18.50
		1	25	17.51	17.53	17.90	18.50
		1	49	17.50	17.41	17.89	18.50
		25	0	17.47	17.58	17.67	18.50
		25	13	17.40	17.88	17.71	18.50
		25	25	17.47	17.65	17.76	18.50



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	256QAM	50	0	17.50	17.65	17.98	18.50
		1	0	17.23	17.53	17.73	18.50
		1	25	17.53	17.68	17.73	18.50
		1	49	17.42	17.50	17.79	18.50
		25	0	17.62	17.65	17.69	18.50
		25	13	17.80	17.70	17.73	18.50
		25	25	17.44	17.56	17.54	18.50
		50	0	17.71	17.54	17.77	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	17.58	17.70	17.56	18.50
		1	38	17.64	17.68	17.51	18.50
		1	74	17.65	17.53	17.81	18.50
		36	0	17.27	17.66	17.92	18.50
		36	18	17.50	17.61	17.90	18.50
		36	39	17.62	17.61	17.65	18.50
		75	0	17.58	17.73	17.83	18.50
	16QAM	1	0	17.48	17.51	17.21	18.50
		1	38	17.40	17.60	17.97	18.50
		1	74	17.37	17.84	17.83	18.50
		36	0	17.44	17.72	17.97	18.50
		36	18	17.47	17.83	17.65	18.50
		36	39	17.69	17.77	17.92	18.50
		75	0	17.45	17.80	17.76	18.50
	64QAM	1	0	17.52	17.66	17.32	18.50
		1	38	17.47	17.60	17.90	18.50
		1	74	17.53	17.49	17.91	18.50
		36	0	17.37	17.67	17.74	18.50
		36	18	17.39	17.84	17.79	18.50
		36	39	17.54	17.71	17.84	18.50
		75	0	17.46	17.65	17.88	18.50
	256QAM	1	0	17.28	17.61	17.81	18.50
		1	38	17.54	17.64	17.76	18.50
		1	74	17.47	17.58	17.77	18.50
		36	0	17.71	17.63	17.69	18.50
		36	18	17.76	17.77	17.71	18.50
		36	39	17.48	17.66	17.58	18.50
		75	0	17.64	17.62	17.67	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	17.51	17.61	17.57	18.50
		1	50	17.58	17.69	17.58	18.50
		1	99	17.57	17.63	17.71	18.50
		50	0	17.37	17.68	17.87	18.50
		50	25	17.47	17.67	17.81	18.50
		50	50	17.60	17.68	17.73	18.50
		100	0	17.51	17.69	17.83	18.50
	16QAM	1	0	17.57	17.47	17.28	18.50
		1	50	17.47	17.68	17.91	18.50
		1	99	17.43	17.74	17.81	18.50
		50	0	17.46	17.65	17.87	18.50
		50	25	17.54	17.74	17.75	18.50
		50	50	17.64	17.72	17.82	18.50
		100	0	17.50	17.79	17.80	18.50
	64QAM	1	0	17.60	17.57	17.34	18.50
		1	50	17.49	17.63	17.84	18.50
		1	99	17.50	17.57	17.83	18.50
		50	0	17.39	17.66	17.77	18.50
		50	25	17.48	17.76	17.80	18.50
		50	50	17.57	17.75	17.78	18.50
		100	0	17.52	17.57	17.82	18.50



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	256QAM	1	0	17.37	17.57	17.74	18.50
		1	50	17.45	17.74	17.82	18.50
		1	99	17.53	17.62	17.71	18.50
		50	0	17.65	17.59	17.70	18.50
		50	25	17.68	17.73	17.74	18.50
		50	50	17.57	17.65	17.63	18.50
		100	0	17.61	17.57	17.72	18.50



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2.5 Conducted Power of Inter Band LTE Uplink CA (Ant7)

LTE Band 7 DSI 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	13.40	13.10	13.20	14.00
		1	13	13.40	13.24	13.20	14.00
		1	24	13.28	13.07	13.32	14.00
		12	0	13.46	13.03	13.37	14.00
		12	6	13.28	12.84	13.38	14.00
		12	13	13.10	12.98	13.37	14.00
	16QAM	25	0	13.22	12.92	13.23	14.00
		1	0	13.31	13.00	13.26	14.00
		1	13	13.43	12.77	13.07	14.00
		1	24	13.39	12.91	13.52	14.00
		12	0	13.36	12.93	13.05	14.00
		12	6	13.31	13.07	13.34	14.00
	64QAM	12	13	13.21	12.91	13.25	14.00
		25	0	13.28	13.22	13.36	14.00
		1	0	13.30	13.23	13.57	14.00
		1	13	13.51	13.35	13.59	14.00
		1	24	13.43	13.25	13.63	14.00
		12	0	13.50	13.16	13.36	14.00
	256QAM	12	6	13.60	13.35	13.64	14.00
		12	13	13.60	13.37	13.61	14.00
		25	0	13.45	13.35	13.61	14.00
		1	0	12.94	12.95	13.11	14.00
		1	13	13.09	12.94	13.22	14.00
		1	24	13.16	13.02	13.17	14.00
10MHz	QPSK	12	0	13.24	13.04	13.15	14.00
		12	6	13.18	12.68	13.49	14.00
		12	13	13.00	13.00	13.22	14.00
		25	0	13.21	13.00	13.29	14.00
	16QAM	20800		13.47	13.01	13.17	14.00
		1	0	13.36	13.20	13.12	14.00
		1	25	13.37	12.98	13.28	14.00
		25	0	13.50	13.11	13.27	14.00
		25	13	13.21	12.92	13.38	14.00
		25	25	13.20	13.06	13.39	14.00
	64QAM	50	0	13.25	12.91	13.28	14.00
		1	0	13.40	12.90	13.24	14.00
		1	25	13.52	12.72	13.17	14.00
		1	49	13.34	12.96	13.42	14.00
		25	0	13.46	12.91	12.99	14.00
		25	13	13.38	12.98	13.29	14.00
	256QAM	25	25	13.17	12.95	13.35	14.00
		50	0	13.29	13.17	13.34	14.00
		1	0	13.35	13.20	13.58	14.00
		1	25	13.49	13.36	13.50	14.00
		1	49	13.50	13.30	13.57	14.00
		25	0	13.54	13.18	13.43	14.00
	256QAM	25	13	13.66	13.37	13.59	14.00
		25	25	13.51	13.43	13.68	14.00
		50	0	13.44	13.34	13.63	14.00
		1	0	13.02	12.93	13.01	14.00
		1	25	13.19	12.95	13.25	14.00
		1	49	13.11	13.10	13.27	14.00



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		25	0	13.21	13.03	13.22	14.00
		25	13	13.24	12.78	13.52	14.00
		25	25	12.99	12.98	13.25	14.00
		50	0	13.23	13.06	13.27	14.00
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	13.47	13.08	13.14	14.00
		1	38	13.29	13.18	13.16	14.00
		1	74	13.37	13.06	13.25	14.00
		36	0	13.47	13.02	13.24	14.00
		36	18	13.25	12.92	13.34	14.00
		36	39	13.24	13.00	13.39	14.00
	16QAM	75	0	13.18	13.01	13.19	14.00
		1	0	13.38	12.94	13.18	14.00
		1	38	13.51	12.72	13.13	14.00
		1	74	13.24	13.00	13.52	14.00
		36	0	13.50	12.94	13.01	14.00
		36	18	13.45	12.96	13.22	14.00
	64QAM	36	39	13.07	12.88	13.38	14.00
		75	0	13.30	13.12	13.33	14.00
		1	0	13.44	13.15	13.48	14.00
		1	38	13.54	13.39	13.45	14.00
		1	74	13.53	13.23	13.55	14.00
		36	0	13.64	13.27	13.52	14.00
	256QAM	36	18	13.58	13.33	13.67	14.00
		36	39	13.60	13.41	13.62	14.00
		75	0	13.50	13.31	13.57	14.00
		1	0	13.06	12.90	12.96	14.00
		1	38	13.21	12.98	13.31	14.00
		1	74	13.02	13.02	13.33	14.00
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	36	0	13.16	13.02	13.14	14.00
		36	18	13.33	12.82	13.43	14.00
		36	39	12.99	13.04	13.32	14.00
		75	0	13.22	12.96	13.37	14.00
		1	0	13.49	13.03	13.20	14.00
		1	50	13.35	13.09	13.26	14.00
	16QAM	1	99	13.38	13.00	13.21	14.00
		50	0	13.38	13.00	13.21	14.00
		50	25	13.35	12.96	13.25	14.00
		50	50	13.21	12.94	13.45	14.00
		100	0	13.26	13.02	13.20	14.00
		1	0	13.44	12.98	13.17	14.00
	64QAM	1	50	13.43	12.73	13.19	14.00
		1	99	13.25	13.03	13.43	14.00
		50	0	13.42	12.96	13.07	14.00
		50	25	13.47	13.00	13.24	14.00
		50	50	13.13	12.90	13.36	14.00
		100	0	13.34	13.04	13.23	14.00
	256QAM	1	0	13.41	13.06	13.42	14.00
		1	50	13.59	13.48	13.47	14.00
		1	99	13.50	13.31	13.61	14.00
		50	0	13.61	13.35	13.57	14.00
		50	25	13.59	13.36	13.58	14.00
		50	50	13.54	13.46	13.59	14.00
		100	0	13.60	13.38	13.58	14.00
		1	0	13.12	12.89	13.04	14.00
		1	50	13.20	13.03	13.37	14.00
		1	99	13.04	13.08	13.40	14.00
		50	0	13.18	13.02	13.23	14.00



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		50	25	13.36	12.90	13.34	14.00
		50	50	13.09	12.95	13.41	14.00
		100	0	13.31	13.02	13.41	14.00

LTE Band 7 DSI 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20775	21100	21425	18.00
		1	13	17.51	17.08	17.15	18.00
		1	24	17.30	17.10	17.04	18.00
		12	0	17.41	16.97	17.13	18.00
		12	6	17.23	16.84	17.00	18.00
		12	13	17.34	17.18	17.03	18.00
		25	0	17.12	16.85	17.64	18.00
	16QAM	1	0	17.18	17.00	17.15	18.00
		1	13	17.48	17.02	17.17	18.00
		1	24	17.49	16.84	17.15	18.00
		12	0	17.09	16.86	17.42	18.00
		12	6	17.49	17.09	17.13	18.00
		12	13	17.62	17.00	17.39	18.00
		25	0	17.12	16.78	17.31	18.00
	64QAM	1	0	17.26	17.01	17.37	18.00
		1	13	17.73	17.30	17.43	18.00
		1	24	17.60	17.61	17.40	18.00
		12	0	17.52	17.34	17.69	18.00
		12	6	17.83	17.38	17.53	18.00
		12	13	17.58	17.26	17.41	18.00
		25	0	17.72	17.34	17.61	18.00
	256QAM	1	0	17.63	17.26	17.46	18.00
		1	13	17.20	16.94	17.01	18.00
		1	24	17.23	17.06	17.51	18.00
		12	0	17.08	17.06	17.41	18.00
		12	6	17.16	16.94	17.17	18.00
		12	13	17.32	16.81	17.13	18.00
		25	0	17.05	17.11	17.41	18.00
10MHz	QPSK	1	0	17.52	17.18	17.51	18.00
		1	13	17.44	17.07	17.12	18.00
		1	25	17.38	17.19	17.08	18.00
		1	49	17.51	17.00	17.17	18.00
		25	0	17.22	16.89	17.10	18.00
		25	13	17.29	17.11	17.10	18.00
		25	25	17.21	16.94	17.64	18.00
	16QAM	50	0	17.20	17.03	17.12	18.00
		1	0	17.42	16.95	17.22	18.00
		1	25	17.52	16.88	17.17	18.00
		1	49	17.14	16.94	17.38	18.00
		25	0	17.56	17.04	17.16	18.00
		25	13	17.53	16.90	17.39	18.00
		25	25	17.22	16.82	17.23	18.00
	64QAM	50	0	17.27	17.08	17.30	18.00
		1	0	17.64	17.20	17.48	18.00
		1	25	17.60	17.60	17.42	18.00
		1	49	17.46	17.41	17.68	18.00
		25	0	17.76	17.34	17.58	18.00
		25	13	17.48	17.27	17.47	18.00
		25	25	17.67	17.39	17.65	18.00
	256QAM	50	0	17.61	17.36	17.42	18.00
		1	0	17.11	16.95	17.06	18.00



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		1	25	17.27	16.98	17.43	18.00
		1	49	17.09	17.10	17.41	18.00
		25	0	17.22	16.95	17.23	18.00
		25	13	17.31	16.91	17.23	18.00
		25	25	17.11	17.09	17.39	18.00
		50	0	17.42	17.17	17.44	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	17.46	17.09	17.18	18.00
		1	38	17.34	17.21	17.15	18.00
		1	74	17.43	16.99	17.18	18.00
		36	0	17.28	16.96	17.12	18.00
		36	18	17.37	17.03	17.10	18.00
		36	39	17.24	17.00	17.55	18.00
		75	0	17.20	16.99	17.19	18.00
	16QAM	1	0	17.38	16.90	17.16	18.00
		1	38	17.49	16.78	17.11	18.00
		1	74	17.19	16.94	17.40	18.00
		36	0	17.53	17.02	17.09	18.00
		36	18	17.47	16.97	17.30	18.00
		36	39	17.15	16.84	17.33	18.00
		75	0	17.32	17.14	17.31	18.00
	64QAM	1	0	17.54	17.11	17.48	18.00
		1	38	17.53	17.51	17.38	18.00
		1	74	17.53	17.33	17.67	18.00
		36	0	17.67	17.44	17.64	18.00
		36	18	17.53	17.35	17.53	18.00
		36	39	17.57	17.46	17.60	18.00
		75	0	17.64	17.42	17.45	18.00
	256QAM	1	0	17.18	16.88	17.03	18.00
		1	38	17.28	17.03	17.41	18.00
		1	74	17.13	17.03	17.31	18.00
		36	0	17.12	17.02	17.31	18.00
		36	18	17.37	16.97	17.31	18.00
		36	39	17.18	17.03	17.38	18.00
		75	0	17.46	17.07	17.39	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	17.46	16.99	17.18	18.00
		1	50	17.38	17.13	17.25	18.00
		1	99	17.38	17.02	17.25	18.00
		50	0	17.34	16.95	17.17	18.00
		50	25	17.36	16.99	17.20	18.00
		50	50	17.21	16.93	17.45	18.00
		100	0	17.23	16.99	17.21	18.00
	16QAM	1	0	17.46	16.98	17.19	18.00
		1	50	17.44	16.77	17.20	18.00
		1	99	17.21	17.00	17.48	18.00
		50	0	17.44	16.93	17.11	18.00
		50	25	17.52	17.00	17.20	18.00
		50	50	17.14	16.91	17.36	18.00
		100	0	17.37	17.04	17.27	18.00
	64QAM	1	0	17.45	17.11	17.41	18.00
		1	50	17.62	17.49	17.45	18.00
		1	99	17.54	17.27	17.61	18.00
		50	0	17.62	17.40	17.55	18.00
		50	25	17.58	17.37	17.55	18.00
		50	50	17.58	17.50	17.54	18.00
		100	0	17.63	17.39	17.54	18.00
	256QAM	1	0	17.15	16.86	17.04	18.00
		1	50	17.23	17.00	17.40	18.00



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		1	99	17.03	17.11	17.36	18.00
		50	0	17.19	17.07	17.25	18.00
		50	25	17.31	16.95	17.32	18.00
		50	50	17.14	16.94	17.40	18.00
		100	0	17.36	17.01	17.36	18.00

LTE Band 7 DSI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	16.47	15.81	16.30	17.00
		1	13	16.38	16.38	16.34	17.00
		1	24	16.34	15.85	16.30	17.00
		12	0	16.29	15.88	16.08	17.00
		12	6	16.16	15.86	16.18	17.00
		12	13	16.01	15.69	16.33	17.00
		25	0	16.12	16.01	16.29	17.00
	16QAM	1	0	16.59	15.95	16.13	17.00
		1	13	16.28	15.80	16.21	17.00
		1	24	16.40	15.84	16.56	17.00
		12	0	16.22	15.93	16.28	17.00
		12	6	16.46	15.91	16.30	17.00
		12	13	15.93	15.87	16.29	17.00
		25	0	16.35	16.26	16.14	17.00
	64QAM	1	0	16.51	15.91	16.21	17.00
		1	13	16.61	16.49	16.28	17.00
		1	24	16.38	16.20	16.47	17.00
		12	0	16.75	16.29	16.63	17.00
		12	6	16.37	16.49	16.51	17.00
		12	13	16.60	16.57	16.37	17.00
		25	0	16.53	16.42	16.62	17.00
	256QAM	1	0	16.34	15.85	16.08	17.00
		1	13	16.27	16.05	16.63	17.00
		1	24	16.13	16.18	16.25	17.00
		12	0	16.16	16.14	16.03	17.00
		12	6	16.23	15.82	16.34	17.00
		12	13	16.08	15.99	16.46	17.00
		25	0	16.32	16.06	16.51	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	16.48	15.83	16.24	17.00
		1	25	16.43	16.28	16.30	17.00
		1	49	16.40	15.92	16.33	17.00
		25	0	16.28	15.93	16.06	17.00
		25	13	16.26	15.95	16.26	17.00
		25	25	16.11	15.75	16.39	17.00
		50	0	16.22	15.92	16.19	17.00
	16QAM	1	0	16.49	16.04	16.23	17.00
		1	25	16.33	15.90	16.17	17.00
		1	49	16.30	15.88	16.52	17.00
		25	0	16.25	15.86	16.25	17.00
		25	13	16.47	15.87	16.21	17.00
		25	25	15.91	15.95	16.29	17.00
		50	0	16.39	16.24	16.14	17.00
	64QAM	1	0	16.41	15.95	16.28	17.00
		1	25	16.68	16.50	16.31	17.00
		1	49	16.45	16.23	16.57	17.00
		25	0	16.74	16.23	16.54	17.00
		25	13	16.46	16.44	16.60	17.00
		25	25	16.52	16.64	16.40	17.00



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		50	0	16.60	16.35	16.54	17.00
	256QAM	1	0	16.26	15.88	16.13	17.00
		1	25	16.28	15.97	16.61	17.00
		1	49	16.06	16.17	16.19	17.00
		25	0	16.25	16.06	16.12	17.00
		25	13	16.15	15.91	16.31	17.00
		25	25	16.08	16.04	16.40	17.00
		50	0	16.40	16.05	16.41	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.53	15.86	16.25	17.00
		1	38	16.49	16.22	16.29	17.00
		1	74	16.31	15.99	16.27	17.00
		36	0	16.29	16.01	16.09	17.00
		36	18	16.32	15.91	16.28	17.00
		36	39	16.07	15.85	16.40	17.00
		75	0	16.29	16.00	16.23	17.00
	16QAM	1	0	16.42	15.99	16.24	17.00
		1	38	16.37	15.86	16.20	17.00
		1	74	16.22	15.88	16.48	17.00
		36	0	16.35	15.88	16.18	17.00
		36	18	16.48	15.90	16.11	17.00
		36	39	16.00	15.92	16.33	17.00
		75	0	16.34	16.17	16.21	17.00
	64QAM	1	0	16.47	16.05	16.28	17.00
		1	38	16.69	16.47	16.31	17.00
		1	74	16.52	16.29	16.63	17.00
		36	0	16.64	16.26	16.46	17.00
		36	18	16.50	16.44	16.56	17.00
		36	39	16.55	16.54	16.47	17.00
		75	0	16.58	16.37	16.49	17.00
	256QAM	1	0	16.19	15.95	16.05	17.00
		1	38	16.27	16.05	16.54	17.00
		1	74	16.13	16.16	16.26	17.00
		36	0	16.18	16.03	16.20	17.00
		36	18	16.19	15.86	16.24	17.00
		36	39	16.17	15.97	16.47	17.00
		75	0	16.33	16.06	16.33	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.49	15.96	16.18	17.00
		1	50	16.39	16.12	16.23	17.00
		1	99	16.41	16.02	16.21	17.00
		50	0	16.29	16.00	16.18	17.00
		50	25	16.38	15.94	16.18	17.00
		50	50	16.16	15.88	16.42	17.00
		100	0	16.28	15.96	16.22	17.00
	16QAM	1	0	16.43	15.93	16.23	17.00
		1	50	16.39	15.80	16.24	17.00
		1	99	16.26	15.96	16.53	17.00
		50	0	16.41	15.96	16.15	17.00
		50	25	16.49	15.95	16.16	17.00
		50	50	16.09	15.95	16.33	17.00
		100	0	16.42	16.09	16.31	17.00
	64QAM	1	0	16.47	16.06	16.38	17.00
		1	50	16.65	16.50	16.41	17.00
		1	99	16.54	16.29	16.64	17.00
		50	0	16.63	16.36	16.50	17.00
		50	25	16.56	16.36	16.51	17.00
		50	50	16.55	16.51	16.53	17.00
		100	0	16.58	16.42	16.53	17.00



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	256QAM	1	0	16.19	15.89	16.07	17.00
		1	50	16.21	15.97	16.44	17.00
		1	99	16.03	16.15	16.34	17.00
		50	0	16.20	16.05	16.25	17.00
		50	25	16.28	15.95	16.28	17.00
		50	50	16.14	15.99	16.39	17.00
		100	0	16.32	16.05	16.36	17.00



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3 Conducted Power of Intra Band LTE Uplink CA

3.1 Conducted Power of Intra Band LTE Uplink CA (Ant0)

Combination	Modulation	PCC					SCC					DSI1		DSI2		DSI3	
		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 66C	QPSK	66	20	132072	1	99	66	20	132270	1	0	19.11	20.00	22.08	23.00	21.05	22.00
CA 66C	QPSK	66	20	132322	1	99	66	20	132520	1	0	19.05	20.00	22.13	23.00	21.08	22.00
CA 66C	QPSK	66	20	132322	1	0	66	20	132124	1	99	19.01	20.00	22.03	23.00	21.02	22.00
CA 66C	QPSK	66	20	132572	1	0	66	20	132374	1	99	19.03	20.00	22.01	23.00	21.11	22.00

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

Combination	Modulation	PCC					SCC					DSI1/2/3	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA 42C	QPSK	42	20	42190	1	99	42	20	42388	1	0	18.01	19.00
CA 42C	QPSK	42	20	42590	1	99	42	20	42788	1	0	17.91	19.00
CA 42C	QPSK	42	20	42590	1	0	42	20	42392	1	99	17.98	19.00
CA 42C	QPSK	42	20	42990	1	0	42	20	42792	1	99	18.11	19.00

Combination	Modulation	PCC					SCC					DSI1		DSI2		DSI3	
		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 48C	QPSK	48	20	55340	1	99	48	20	55538	1	0	22.58	23.00	20.55	21.00	21.52	22.00
CA 48C	QPSK	48	20	55990	1	99	48	20	56188	1	0	22.60	23.00	20.49	21.00	21.48	22.00
CA 48C	QPSK	48	20	55990	1	0	48	20	55792	1	99	22.62	23.00	20.53	21.00	21.57	22.00
CA 48C	QPSK	48	20	56640	1	0	48	20	56442	1	99	22.47	23.00	20.60	21.00	21.55	22.00

3.3 Conducted Power of Intra Band LTE Uplink CA (Ant7)

Combination	Modulation	PCC					SCC					DSI1		DSI2		DSI3	
		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	99	7	20	21048	1	0	16.12	17.00	20.08	21.00	19.01	20.00
CA 7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	16.13	17.00	20.06	21.00	18.98	20.00
CA 7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	16.15	17.00	20.09	21.00	19.03	20.00
CA 7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	16.18	17.00	20.08	21.00	19.02	20.00

4 Conducted Power of ENDC_LTE

4.1 Conducted Power of ENDC_LTE (Ant0)

LTE Band 2 DSI 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	18607	18900	19193	17.00
		1	2	16.18	16.06	15.79	17.00
		1	5	15.99	16.26	15.98	17.00
		3	0	16.16	16.21	16.14	17.00
		3	2	16.12	16.10	16.11	17.00
		3	3	16.50	16.03	16.16	17.00
	16QAM	6	0	16.03	16.18	16.09	17.00
		1	0	16.28	16.15	15.98	17.00
		1	2	16.16	16.35	15.99	17.00
		1	5	16.32	16.39	15.92	17.00
		3	0	16.14	16.41	15.56	17.00
		3	2	16.11	15.89	16.14	17.00
	64QAM	3	3	15.82	16.03	16.10	17.00
		3	0	15.90	16.15	16.12	17.00
		6	0	15.89	16.17	16.00	17.00
		1	0	16.07	16.03	16.22	17.00
		1	2	15.94	15.90	16.31	17.00
		1	5	16.12	16.01	16.07	17.00
	256QAM	3	0	16.20	16.14	16.08	17.00
		3	2	15.95	16.06	16.30	17.00
		3	3	15.98	16.14	16.38	17.00
		6	0	16.21	16.29	15.88	17.00
		1	0	16.28	15.92	16.11	17.00
		1	2	16.23	16.04	16.31	17.00
3MHz	QPSK	1	5	16.15	16.18	16.16	17.00
		3	0	16.16	16.17	16.19	17.00
		3	2	16.28	15.97	16.19	17.00
		3	3	15.96	15.89	16.14	17.00
		6	0	16.04	16.25	16.12	17.00
		1	0	16.14	16.02	15.82	17.00
	16QAM	1	7	15.93	16.35	15.95	17.00
		1	14	16.18	16.13	16.11	17.00
		8	0	16.04	16.11	16.20	17.00
		8	4	16.43	16.12	16.13	17.00
		8	7	16.08	16.15	16.15	17.00
		15	0	16.33	16.12	16.08	17.00
	64QAM	1	0	16.24	16.26	16.03	17.00
		1	7	16.27	16.36	15.83	17.00
		1	14	16.06	16.37	15.66	17.00
		8	0	16.06	15.96	16.15	17.00
		8	4	15.88	16.04	16.07	17.00
		8	7	15.97	16.09	16.10	17.00
	256QAM	15	0	15.88	16.13	16.10	17.00
		1	0	16.09	15.93	16.14	17.00
		1	7	15.94	15.88	16.28	17.00
		1	14	16.21	16.02	16.03	17.00
		8	0	16.15	16.08	16.14	17.00
		8	4	16.00	15.97	16.22	17.00



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		1	7	16.14	15.95	16.25	17.00
		1	14	16.07	16.08	16.07	17.00
		8	0	16.09	16.12	16.13	17.00
		8	4	16.23	15.98	16.16	17.00
		8	7	16.00	15.87	16.14	17.00
		15	0	15.95	16.16	16.09	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	16.05	16.11	15.80	17.00
		1	13	15.97	16.25	16.00	17.00
		1	24	16.11	16.08	16.01	17.00
		12	0	16.14	16.18	16.11	17.00
		12	6	16.35	16.08	16.06	17.00
		12	13	16.06	16.14	16.21	17.00
	16QAM	25	0	16.25	16.22	16.16	17.00
		1	0	16.26	16.17	16.03	17.00
		1	13	16.19	16.32	15.73	17.00
		1	24	16.14	16.27	15.75	17.00
		12	0	16.10	15.99	16.16	17.00
		12	6	15.78	15.99	16.00	17.00
	64QAM	12	13	16.01	16.15	16.05	17.00
		25	0	15.82	16.05	16.04	17.00
		1	0	16.10	16.00	16.07	17.00
		1	13	15.91	15.98	16.29	17.00
		1	24	16.12	15.94	16.00	17.00
		12	0	16.12	16.07	16.14	17.00
	256QAM	12	6	16.05	16.05	16.14	17.00
		12	13	15.90	16.19	16.21	17.00
		25	0	16.23	16.19	15.99	17.00
		1	0	16.20	16.03	16.13	17.00
		1	13	16.08	15.92	16.19	17.00
		1	24	16.10	16.11	16.13	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	16.07	16.17	15.89	17.00
		1	25	16.03	16.22	16.00	17.00
		1	49	16.06	16.16	16.11	17.00
		25	0	16.11	16.22	16.12	17.00
		25	13	16.25	16.06	16.16	17.00
		25	25	16.06	16.19	16.24	17.00
	16QAM	50	0	16.15	16.25	16.21	17.00
		1	0	16.30	16.14	15.96	17.00
		1	25	16.10	16.41	15.75	17.00
		1	49	16.16	16.29	15.74	17.00
		25	0	16.08	16.04	16.09	17.00
		25	13	15.80	15.95	16.00	17.00
	64QAM	25	25	15.98	16.25	16.08	17.00
		50	0	15.79	16.14	16.04	17.00
		1	0	16.12	15.97	16.09	17.00
		1	25	16.01	15.94	16.24	17.00
		1	49	16.19	15.90	16.00	17.00
		25	0	16.03	16.06	16.06	17.00
	256QAM	25	13	16.08	16.14	16.09	17.00
		25	25	15.97	16.23	16.16	17.00
		50	0	16.24	16.16	16.02	17.00
		1	0	16.25	16.05	16.17	17.00
		1	25	16.00	15.83	16.10	17.00



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