

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

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

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	256QAM	1	0	17.40	17.32	17.29	19.00
		1	50	17.39	17.32	17.23	19.00
		1	99	17.46	17.33	17.21	19.00
		50	0	17.60	17.49	17.50	19.00
		50	25	17.58	17.44	17.51	19.00
		50	50	17.69	17.57	17.48	19.00
		100	0	17.56	17.40	17.46	19.00

LTE Band 48 DSI0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 55265	Channel 55990	Channel 56715	Tune up
5MHz	QPSK	1	0	18.80	18.68	18.71	20.50
		1	13	18.74	18.63	18.80	20.50
		1	24	18.63	18.57	18.65	20.50
		12	0	17.98	17.84	17.76	19.50
		12	6	17.99	17.85	17.74	19.50
		12	13	17.97	17.83	17.71	19.50
		25	0	18.13	17.77	17.80	19.50
	16QAM	1	0	17.95	17.70	17.58	19.50
		1	13	18.02	17.79	17.84	19.50
		1	24	18.07	17.67	17.78	19.50
		12	0	17.08	16.89	16.71	18.50
		12	6	16.93	16.79	16.71	18.50
		12	13	17.08	16.82	16.88	18.50
		25	0	16.98	16.81	16.88	18.50
	64QAM	1	0	16.81	16.50	16.67	18.50
		1	13	16.74	16.65	16.69	18.50
		1	24	16.90	16.59	16.58	18.50
		12	0	16.02	15.81	15.78	17.50
		12	6	16.08	15.87	15.76	17.50
		12	13	16.09	15.87	15.88	17.50
		25	0	16.11	15.84	15.85	17.50
	256QAM	1	0	13.93	13.68	13.57	15.50
		1	13	13.81	13.69	13.64	15.50
		1	24	13.87	13.68	13.59	15.50
		12	0	14.17	13.89	13.70	15.50
		12	6	14.15	13.96	13.89	15.50
		12	13	14.05	13.87	13.89	15.50
		25	0	13.96	13.82	13.65	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 55290	Channel 55990	Channel 56690	Tune up
10MHz	QPSK	1	0	18.73	18.72	18.65	20.50
		1	25	18.73	18.59	18.72	20.50
		1	49	18.57	18.50	18.68	20.50
		25	0	17.94	17.82	17.73	19.50
		25	13	18.07	17.74	17.81	19.50
		25	25	17.99	17.83	17.87	19.50
		50	0	18.05	17.80	17.69	19.50
	16QAM	1	0	17.95	17.82	17.63	19.50
		1	25	17.95	17.77	17.84	19.50
		1	49	18.14	17.78	17.84	19.50
		25	0	17.05	16.86	16.69	18.50
		25	13	16.97	16.72	16.85	18.50
		25	25	16.96	16.76	16.76	18.50
		50	0	17.11	16.91	16.83	18.50
	64QAM	1	0	16.69	16.62	16.70	18.50
		1	25	16.76	16.65	16.73	18.50
		1	49	16.90	16.63	16.60	18.50
		25	0	16.00	15.88	15.67	17.50



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	256QAM	25	13	16.07	15.71	15.79	17.50
		25	25	16.10	15.87	15.85	17.50
		50	0	16.00	15.86	15.68	17.50
		1	0	13.85	13.74	13.63	15.50
		1	25	13.78	13.68	13.56	15.50
		1	49	13.92	13.60	13.59	15.50
		25	0	14.16	13.79	13.83	15.50
		25	13	14.05	13.79	13.90	15.50
		25	25	14.11	13.86	13.92	15.50
		50	0	13.94	13.90	13.74	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	18.88	18.61	18.72	20.50
		1	38	18.77	18.57	18.79	20.50
		1	74	18.56	18.52	18.62	20.50
		36	0	18.07	17.74	17.65	19.50
		36	18	17.94	17.88	17.82	19.50
		36	39	18.07	17.91	17.83	19.50
		75	0	17.99	17.73	17.75	19.50
	16QAM	1	0	17.97	17.87	17.66	19.50
		1	38	17.91	17.82	17.83	19.50
		1	74	18.00	17.82	17.77	19.50
		36	0	17.12	16.77	16.82	18.50
		36	18	17.01	16.77	16.72	18.50
		36	39	16.99	16.81	16.84	18.50
		75	0	17.13	16.75	16.87	18.50
	64QAM	1	0	16.68	16.61	16.62	18.50
		1	38	16.57	16.67	16.72	18.50
		1	74	16.86	16.53	16.63	18.50
		36	0	16.16	15.78	15.79	17.50
		36	18	16.09	15.85	15.85	17.50
		36	39	16.12	15.75	15.88	17.50
		75	0	15.93	15.70	15.73	17.50
	256QAM	1	0	13.89	13.69	13.57	15.50
		1	38	13.75	13.62	13.65	15.50
		1	74	14.02	13.63	13.77	15.50
		36	0	14.10	13.85	13.67	15.50
		36	18	13.98	13.96	13.90	15.50
		36	39	14.04	13.90	13.87	15.50
		75	0	13.95	13.90	13.73	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	18.81	18.63	18.72	20.50
		1	50	18.74	18.57	18.72	20.50
		1	99	18.65	18.54	18.59	20.50
		50	0	18.03	17.82	17.72	19.50
		50	25	18.01	17.80	17.75	19.50
		50	50	18.05	17.81	17.80	19.50
		100	0	18.03	17.79	17.76	19.50
	16QAM	1	0	17.97	17.77	17.68	19.50
		1	50	17.94	17.81	17.76	19.50
		1	99	18.05	17.76	17.84	19.50
		50	0	17.03	16.83	16.74	18.50
		50	25	17.03	16.79	16.76	18.50
		50	50	17.06	16.79	16.82	18.50
		100	0	17.06	16.83	16.80	18.50
	64QAM	1	0	16.77	16.52	16.65	18.50
		1	50	16.66	16.60	16.69	18.50
		1	99	16.82	16.56	16.53	18.50
		50	0	16.06	15.83	15.76	17.50
		50	25	16.05	15.80	15.77	17.50



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		50	50	16.09	15.82	15.83	17.50
		100	0	16.02	15.78	15.76	17.50
	256QAM	1	0	13.87	13.70	13.53	15.50
		1	50	13.84	13.65	13.58	15.50
		1	99	13.95	13.61	13.69	15.50
		50	0	14.08	13.85	13.77	15.50
		50	25	14.08	13.86	13.81	15.50
		50	50	14.12	13.85	13.86	15.50
		100	0	14.01	13.80	13.75	15.50

LTE Band 48 DSI/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 55265	Channel 55990	Channel 56715	Tune up
5MHz	QPSK	1	0	16.55	16.46	16.12	18.00
		1	13	16.44	16.30	16.20	18.00
		1	24	16.53	16.35	16.27	18.00
		12	0	16.58	16.46	16.26	18.00
		12	6	16.64	16.39	16.29	18.00
		12	13	16.65	16.25	16.30	18.00
		25	0	16.64	16.28	16.37	18.00
	16QAM	1	0	16.60	16.37	16.05	18.00
		1	13	16.64	16.41	16.34	18.00
		1	24	16.71	16.41	16.47	18.00
		12	0	16.67	16.32	16.38	18.00
		12	6	16.52	16.32	16.20	18.00
		12	13	16.65	16.28	16.34	18.00
		25	0	16.52	16.42	16.26	18.00
	64QAM	1	0	16.28	16.27	16.25	18.00
		1	13	16.03	16.23	16.25	18.00
		1	24	16.21	16.21	16.10	18.00
		12	0	16.26	16.03	15.88	17.50
		12	6	16.40	16.11	15.88	17.50
		12	13	16.38	16.07	16.04	17.50
		25	0	16.33	16.06	16.02	17.50
	256QAM	1	0	14.04	13.84	13.87	15.50
		1	13	14.09	13.90	13.84	15.50
		1	24	14.17	13.77	13.88	15.50
		12	0	14.27	14.06	13.92	15.50
		12	6	14.25	14.04	13.98	15.50
		12	13	14.35	14.05	14.02	15.50
		25	0	14.20	14.04	13.96	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 55290	Channel 55990	Channel 56690	Tune up
10MHz	QPSK	1	0	16.57	16.43	16.27	18.00
		1	25	16.54	16.30	16.21	18.00
		1	49	16.56	16.26	16.39	18.00
		25	0	16.59	16.37	16.31	18.00
		25	13	16.58	16.40	16.38	18.00
		25	25	16.65	16.43	16.33	18.00
		50	0	16.51	16.41	16.38	18.00
	16QAM	1	0	16.68	16.40	16.15	18.00
		1	25	16.63	16.50	16.36	18.00
		1	49	16.75	16.51	16.40	18.00
		25	0	16.50	16.37	16.28	18.00
		25	13	16.57	16.36	16.30	18.00
		25	25	16.61	16.36	16.33	18.00
		50	0	16.67	16.48	16.43	18.00
	64QAM	1	0	16.11	16.22	16.16	18.00
		1	25	16.07	16.31	16.26	18.00



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		1	49	16.22	16.03	16.11	18.00
		25	0	16.31	16.11	15.85	17.50
		25	13	16.38	16.00	15.99	17.50
		25	25	16.42	16.00	16.01	17.50
		50	0	16.25	15.95	16.06	17.50
	256QAM	1	0	14.12	13.97	13.79	15.50
		1	25	14.19	13.85	13.84	15.50
		1	49	14.11	13.81	13.95	15.50
		25	0	14.32	14.14	14.08	15.50
		25	13	14.40	13.99	14.07	15.50
Bandwidth	Modulation	25	25	14.46	14.18	14.01	15.50
		50	0	14.29	13.94	14.03	15.50
		RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
		1	0	16.55	16.36	16.12	18.00
		1	38	16.57	16.32	16.24	18.00
		1	74	16.62	16.22	16.32	18.00
		36	0	16.63	16.29	16.21	18.00
		36	18	16.50	16.30	16.24	18.00
		36	39	16.60	16.32	16.43	18.00
15MHz	QPSK	75	0	16.50	16.40	16.35	18.00
		1	0	16.71	16.45	16.19	18.00
		1	38	16.52	16.41	16.25	18.00
		1	74	16.71	16.51	16.43	18.00
		36	0	16.55	16.30	16.25	18.00
		36	18	16.49	16.38	16.23	18.00
	16QAM	36	39	16.60	16.30	16.46	18.00
		75	0	16.56	16.33	16.41	18.00
		1	0	16.19	16.26	16.08	18.00
		1	38	16.17	16.16	16.15	18.00
		1	74	16.23	16.15	16.05	18.00
		36	0	16.32	16.01	15.98	17.50
	64QAM	36	18	16.33	15.91	16.04	17.50
		36	39	16.30	16.00	16.03	17.50
		75	0	16.32	15.96	15.95	17.50
		1	0	14.14	14.02	13.89	15.50
		1	38	14.08	13.96	13.82	15.50
		1	74	14.22	13.83	13.93	15.50
	256QAM	36	0	14.22	14.06	14.03	15.50
		36	18	14.26	14.18	14.08	15.50
		36	39	14.46	14.19	14.07	15.50
		75	0	14.19	14.12	13.92	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
		1	0	16.53	16.37	16.20	18.00
		1	50	16.48	16.31	16.22	18.00
		1	99	16.60	16.25	16.34	18.00
		50	0	16.56	16.36	16.27	18.00
		50	25	16.58	16.35	16.31	18.00
		50	50	16.61	16.33	16.37	18.00
		100	0	16.57	16.35	16.31	18.00
		1	0	16.64	16.41	16.11	18.00
20MHz	QPSK	1	50	16.59	16.40	16.30	18.00
		1	99	16.67	16.41	16.40	18.00
		50	0	16.58	16.38	16.29	18.00
		50	25	16.58	16.35	16.29	18.00
		50	50	16.63	16.35	16.37	18.00
		100	0	16.62	16.40	16.33	18.00
	16QAM	1	0	16.18	16.23	16.16	18.00
		1	50	16.10	16.26	16.16	18.00
		1	99	16.22	16.13	16.05	18.00
		1	99	16.22	16.13	16.05	18.00



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		50	0	16.29	16.05	15.93	17.50
		50	25	16.30	16.01	15.98	17.50
		50	50	16.32	16.03	16.05	17.50
		100	0	16.27	16.01	16.00	17.50
	256QAM	1	0	14.13	13.93	13.79	15.50
		1	50	14.10	13.88	13.79	15.50
		1	99	14.19	13.84	13.95	15.50
		50	0	14.32	14.10	13.99	15.50
		50	25	14.31	14.08	14.04	15.50
		50	50	14.36	14.12	14.09	15.50
		100	0	14.27	14.03	13.99	15.50

LTE Band 48 DSI3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	17.09	16.97	16.63	18.50
		1	13	16.98	16.75	16.64	18.50
		1	24	17.02	16.77	16.69	18.50
		12	0	17.11	16.92	16.82	18.50
		12	6	17.18	16.90	16.85	18.50
		12	13	17.21	16.82	16.86	18.50
		25	0	17.12	16.77	16.84	18.50
	16QAM	1	0	17.03	16.97	16.58	18.50
		1	13	17.18	16.84	16.82	18.50
		1	24	17.15	16.90	16.95	18.50
		12	0	17.23	16.72	16.78	18.50
		12	6	16.97	16.92	16.74	18.50
		12	13	17.10	16.80	16.83	18.50
		25	0	17.11	16.95	16.80	18.50
	64QAM	1	0	16.76	16.70	16.83	18.50
		1	13	16.58	16.77	16.83	18.50
		1	24	16.81	16.61	16.64	18.50
		12	0	16.23	16.06	15.95	17.50
		12	6	16.49	16.04	15.79	17.50
		12	13	16.45	16.05	16.04	17.50
		25	0	16.33	15.97	16.04	17.50
	256QAM	1	0	14.12	13.74	13.96	15.50
		1	13	14.19	13.81	13.89	15.50
		1	24	14.13	13.69	13.87	15.50
		12	0	14.18	14.11	13.86	15.50
		12	6	14.25	14.11	14.02	15.50
		12	13	14.25	14.14	14.11	15.50
		25	0	14.24	14.12	13.95	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	17.17	17.00	16.86	18.50
		1	25	16.96	16.82	16.80	18.50
		1	49	17.03	16.80	16.95	18.50
		25	0	17.18	16.83	16.83	18.50
		25	13	17.17	16.93	16.86	18.50
		25	25	17.12	16.85	16.74	18.50
		50	0	17.03	16.89	16.80	18.50
	16QAM	1	0	17.20	16.95	16.62	18.50
		1	25	17.03	17.07	16.92	18.50
		1	49	17.20	17.10	16.98	18.50
		25	0	16.90	16.84	16.77	18.50
		25	13	17.17	16.90	16.90	18.50
		25	25	17.17	16.96	16.86	18.50
		50	0	17.24	16.95	17.01	18.50



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	64QAM	1	0	16.62	16.70	16.58	18.50
		1	25	16.53	16.91	16.67	18.50
		1	49	16.63	16.62	16.64	18.50
		25	0	16.39	16.06	15.83	17.50
		25	13	16.48	16.00	16.01	17.50
		25	25	16.39	16.03	16.09	17.50
	256QAM	50	0	16.35	15.94	16.10	17.50
		1	0	14.22	13.93	13.73	15.50
		1	25	14.11	13.81	13.81	15.50
		1	49	14.09	13.71	13.99	15.50
		25	0	14.33	14.12	14.13	15.50
		25	13	14.43	13.92	14.07	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	17.12	16.95	16.55	18.50
		1	38	17.14	16.74	16.80	18.50
		1	74	17.02	16.78	16.75	18.50
		36	0	17.19	16.84	16.64	18.50
		36	18	17.08	16.75	16.64	18.50
		36	39	17.16	16.79	16.89	18.50
	16QAM	75	0	17.06	16.82	16.92	18.50
		1	0	17.18	17.04	16.76	18.50
		1	38	16.98	16.95	16.83	18.50
		1	74	17.21	16.98	16.90	18.50
		36	0	17.09	16.75	16.82	18.50
		36	18	17.05	16.83	16.81	18.50
	64QAM	36	39	17.20	16.81	16.96	18.50
		75	0	17.02	16.84	16.94	18.50
		1	0	16.74	16.69	16.63	18.50
		1	38	16.69	16.73	16.68	18.50
		1	74	16.68	16.69	16.65	18.50
		36	0	16.30	16.05	15.88	17.50
	256QAM	36	18	16.36	15.86	16.12	17.50
		36	39	16.40	16.09	15.98	17.50
		75	0	16.41	15.87	16.05	17.50
		1	0	14.05	14.03	13.83	15.50
		1	38	14.05	14.00	13.84	15.50
		1	74	14.16	13.74	13.98	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	17.19	16.84	16.70	18.50
		1	50	17.01	16.81	16.62	18.50
		1	99	17.18	16.65	16.86	18.50
		50	0	16.99	16.79	16.71	18.50
		50	25	16.98	16.82	16.73	18.50
		50	50	17.21	16.89	16.92	18.50
	16QAM	100	0	17.01	16.81	16.84	18.50
		1	0	17.06	16.93	16.69	18.50
		1	50	17.01	16.90	16.83	18.50
		1	99	17.21	16.97	16.93	18.50
		50	0	16.99	16.96	16.87	18.50
		50	25	17.16	16.94	16.78	18.50
	64QAM	50	50	17.10	16.89	16.84	18.50
		100	0	17.10	16.84	16.79	18.50
		1	0	16.78	16.80	16.76	18.50



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		1	50	16.50	16.79	16.59	18.50
		1	99	16.70	16.57	16.52	18.50
		50	0	16.29	16.03	15.84	17.50
		50	25	16.23	15.98	16.00	17.50
		50	50	16.38	15.95	16.06	17.50
		100	0	16.29	16.09	16.04	17.50
	256QAM	1	0	14.23	13.95	13.82	15.50
		1	50	14.08	13.89	13.72	15.50
		1	99	14.09	13.80	14.00	15.50
		50	0	14.33	14.19	13.99	15.50
		50	25	14.26	14.03	14.14	15.50
		50	50	14.39	14.07	14.01	15.50
		100	0	14.22	14.12	14.01	15.50



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1.9 Conducted Power of Legacy (Ant8)

LTE Band 42 DSI0/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	22.58	22.68	22.63	24.00
		1	13	22.14	22.51	22.48	24.00
		1	24	22.34	22.40	22.35	24.00
		12	0	21.82	21.61	21.58	23.00
		12	6	21.86	21.47	21.55	23.00
		12	13	22.43	21.53	21.58	23.00
	16QAM	25	0	21.74	21.49	21.56	23.00
		1	0	22.03	21.63	21.57	23.00
		1	13	21.82	21.53	21.55	23.00
		1	24	21.61	21.40	21.35	23.00
		12	0	20.68	20.66	20.73	22.00
		12	6	20.73	20.56	20.52	22.00
	64QAM	12	13	20.72	20.48	20.49	22.00
		25	0	20.73	20.55	20.51	22.00
		1	0	20.55	20.21	20.13	22.00
		1	13	20.42	20.15	20.20	22.00
		1	24	20.42	20.07	20.11	22.00
		12	0	19.62	19.54	19.51	21.00
	256QAM	12	6	19.86	19.46	19.52	21.00
		12	13	19.80	19.54	19.54	21.00
		25	0	19.56	19.57	19.53	21.00
		1	0	17.56	17.43	17.40	19.00
		1	13	17.50	17.13	17.08	19.00
		1	24	17.78	17.59	17.54	19.00
10MHz	QPSK	12	0	17.82	17.53	17.45	19.00
		12	6	17.45	17.48	17.54	19.00
		12	13	17.74	17.63	17.65	19.00
		25	0	17.65	17.59	17.60	19.00
	16QAM	1	0	22.62	22.66	22.66	24.00
		1	25	22.21	22.55	22.51	24.00
		1	49	22.44	22.33	22.36	24.00
		25	0	21.82	21.57	21.59	23.00
		25	13	21.92	21.51	21.43	23.00
		25	25	22.35	21.54	21.55	23.00
	64QAM	50	0	21.64	21.51	21.52	23.00
		1	0	21.93	21.65	21.72	23.00
		1	25	21.82	21.49	21.57	23.00
		1	49	21.61	21.44	21.43	23.00
		25	0	20.77	20.70	20.71	22.00
		25	13	20.73	20.57	20.66	22.00
	256QAM	25	25	20.74	20.47	20.38	22.00
		50	0	20.65	20.48	20.46	22.00
		1	0	20.60	20.30	20.20	22.00
		1	25	20.38	20.15	20.14	22.00
		1	49	20.49	20.16	20.21	22.00
		25	0	19.61	19.62	19.58	21.00
		25	13	19.79	19.43	19.52	21.00
		25	25	19.75	19.59	19.53	21.00
		50	0	19.64	19.49	19.58	21.00
		1	0	17.59	17.33	17.29	19.00
		1	25	17.55	17.23	17.26	19.00
		1	49	17.71	17.65	17.69	19.00



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		25	0	17.84	17.56	17.66	19.00
		25	13	17.41	17.47	17.43	19.00
		25	25	17.84	17.57	17.64	19.00
		50	0	17.70	17.61	17.69	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 42165	Channel 42590	Channel 43015	Tune up
15MHz	QPSK	1	0	22.63	22.63	22.72	24.00
		1	38	22.12	22.52	22.42	24.00
		1	74	22.48	22.38	22.35	24.00
		36	0	21.76	21.50	21.53	23.00
		36	18	21.82	21.47	21.55	23.00
		36	39	22.30	21.57	21.57	23.00
	16QAM	75	0	21.67	21.47	21.57	23.00
		1	0	21.86	21.59	21.69	23.00
		1	38	21.83	21.42	21.51	23.00
		1	74	21.68	21.34	21.27	23.00
		36	0	20.75	20.60	20.52	22.00
		36	18	20.67	20.48	20.44	22.00
	64QAM	36	39	20.73	20.53	20.43	22.00
		75	0	20.74	20.58	20.66	22.00
		1	0	20.52	20.29	20.32	22.00
		1	38	20.28	20.22	20.21	22.00
		1	74	20.54	20.16	20.22	22.00
		36	0	19.63	19.52	19.52	21.00
20MHz	QPSK	36	18	19.76	19.46	19.55	21.00
		36	39	19.79	19.59	19.50	21.00
		75	0	19.67	19.57	19.55	21.00
	16QAM	1	0	17.66	17.43	17.42	19.00
		1	38	17.48	17.26	17.26	19.00
		1	74	17.70	17.61	17.64	19.00
	64QAM	36	0	17.77	17.52	17.62	19.00
		36	18	17.50	17.52	17.61	19.00
		36	39	17.76	17.47	17.44	19.00
		75	0	17.77	17.54	17.51	19.00
	256QAM	1	0	22.65	22.53	22.53	24.00
		1	50	22.19	22.45	22.44	24.00
		1	99	22.38	22.40	22.43	24.00
		50	0	21.72	21.57	21.31	23.00
		50	25	21.74	21.49	21.46	23.00
		50	50	21.52	21.51	21.52	23.00
20MHz	QPSK	100	0	21.74	21.52	21.53	23.00
		1	0	21.80	21.54	21.74	23.00
		1	50	21.79	21.39	21.57	23.00
		1	99	21.71	21.34	21.60	23.00
		50	0	20.72	20.56	20.63	22.00
		50	25	20.75	20.53	20.58	22.00
	16QAM	50	50	20.79	20.52	20.27	22.00
		100	0	20.76	20.56	20.45	22.00
	64QAM	1	0	20.42	20.36	20.29	22.00
		1	50	20.33	20.18	20.17	22.00
		1	99	20.44	20.16	20.15	22.00
		50	0	19.72	19.62	19.63	21.00
	256QAM	50	25	19.74	19.46	19.43	21.00
		50	50	19.78	19.51	19.44	21.00
		100	0	19.77	19.49	19.55	21.00
		1	0	17.56	17.44	17.46	19.00
		1	50	17.52	17.36	17.27	19.00
		1	99	17.63	17.53	17.33	19.00
		50	0	17.78	17.54	17.68	19.00



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		50	25	17.52	17.51	17.51	19.00
		50	50	17.85	17.52	17.52	19.00
		100	0	17.76	17.52	17.59	19.00

LTE Band 42 DS11/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	42115	42590	43065	21.00
		1	13	19.67	19.77	19.85	21.00
		1	24	19.84	19.74	19.71	21.00
		12	0	19.91	19.83	19.79	21.00
		12	6	19.70	19.72	19.88	21.00
		12	13	19.81	19.88	19.77	21.00
	16QAM	12	0	19.86	19.94	19.83	21.00
		25	0	19.67	19.80	19.95	21.00
		1	0	19.81	19.77	19.93	21.00
		1	13	19.77	19.84	19.97	21.00
		1	24	19.79	19.87	19.87	21.00
		12	0	19.71	19.93	19.80	21.00
	64QAM	12	6	19.79	19.93	19.86	21.00
		12	13	19.83	19.75	19.95	21.00
		25	0	19.79	19.91	19.79	21.00
		1	0	19.44	19.50	19.59	21.00
		1	13	19.42	19.42	19.51	21.00
		1	24	19.39	19.49	19.58	21.00
	256QAM	12	0	19.78	19.82	19.79	21.00
		12	6	19.76	19.91	19.91	21.00
		12	13	19.93	19.82	19.85	21.00
		25	0	19.66	19.86	19.85	21.00
		1	0	17.76	17.78	17.94	19.00
		1	13	17.82	17.83	17.82	19.00
10MHz	QPSK	1	24	17.88	17.87	17.95	19.00
		12	0	17.91	18.16	18.22	19.00
		12	6	17.85	18.04	18.05	19.00
		12	13	18.04	18.19	18.16	19.00
		25	0	17.89	18.07	18.02	19.00
		1	0	19.73	19.74	19.84	21.00
	16QAM	1	25	19.73	19.69	19.85	21.00
		1	49	19.81	19.90	19.81	21.00
		25	0	19.68	19.80	19.95	21.00
		25	13	19.63	19.83	19.79	21.00
		25	25	19.74	19.82	19.93	21.00
		50	0	19.69	19.88	19.85	21.00
	64QAM	1	0	19.68	19.92	19.90	21.00
		1	25	19.74	19.73	19.84	21.00
		1	49	19.90	19.86	19.94	21.00
		25	0	19.70	19.81	19.91	21.00
		25	13	19.83	19.83	19.82	21.00
		25	25	19.79	19.93	19.94	21.00
	256QAM	50	0	19.69	19.90	19.82	21.00
		1	0	19.44	19.41	19.47	21.00
		1	25	19.39	19.53	19.56	21.00
		1	49	19.53	19.48	19.48	21.00
		25	0	19.68	19.91	19.88	21.00
		25	13	19.81	19.80	19.87	21.00
		25	25	19.77	19.88	19.77	21.00
		50	0	19.52	19.91	19.82	21.00
		1	0	17.62	17.92	17.91	19.00



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		1	25	17.67	17.76	17.91	19.00
		1	49	17.84	17.91	17.92	19.00
		25	0	18.01	18.06	18.05	19.00
		25	13	18.02	18.09	18.16	19.00
		25	25	17.96	18.15	18.05	19.00
		50	0	17.99	18.09	18.11	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42165	42590	43015	
15MHz	QPSK	1	0	19.83	19.71	19.86	21.00
		1	38	19.70	19.77	19.78	21.00
		1	74	19.86	19.81	19.85	21.00
		36	0	19.81	19.72	19.83	21.00
		36	18	19.82	19.81	19.79	21.00
		36	39	19.88	19.78	19.81	21.00
		75	0	19.68	19.92	19.78	21.00
	16QAM	1	0	19.84	19.75	20.03	21.00
		1	38	19.73	19.84	19.98	21.00
		1	74	19.95	19.79	20.00	21.00
		36	0	19.82	19.88	19.88	21.00
		36	18	19.72	19.85	19.80	21.00
		36	39	19.91	19.83	19.81	21.00
		75	0	19.77	19.83	19.84	21.00
	64QAM	1	0	19.43	19.58	19.45	21.00
		1	38	19.34	19.47	19.56	21.00
		1	74	19.44	19.56	19.58	21.00
		36	0	19.76	19.92	19.79	21.00
		36	18	19.67	19.81	19.94	21.00
		36	39	19.78	19.77	19.83	21.00
		75	0	19.52	19.85	19.98	21.00
	256QAM	1	0	17.74	17.78	17.87	19.00
		1	38	17.84	17.76	17.78	19.00
		1	74	17.78	17.94	17.82	19.00
		36	0	18.07	18.14	18.03	19.00
		36	18	17.98	17.99	18.06	19.00
		36	39	18.04	18.06	18.05	19.00
		75	0	18.01	18.05	18.14	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42190	42590	42990	
20MHz	QPSK	1	0	20.12	20.11	20.18	21.00
		1	50	20.14	20.09	20.10	21.00
		1	99	20.19	20.17	20.20	21.00
		50	0	20.07	20.17	20.22	21.00
		50	25	20.07	20.17	20.22	21.00
		50	50	20.13	20.19	20.20	21.00
		100	0	20.08	20.17	20.21	21.00
	16QAM	1	0	20.10	20.17	20.28	21.00
		1	50	20.15	20.16	20.24	21.00
		1	99	20.24	20.24	20.30	21.00
		50	0	20.09	20.19	20.21	21.00
		50	25	20.08	20.19	20.21	21.00
		50	50	20.16	20.20	20.21	21.00
		100	0	20.10	20.21	20.23	21.00
	64QAM	1	0	19.70	19.83	19.89	21.00
		1	50	19.71	19.81	19.82	21.00
		1	99	19.81	19.92	19.89	21.00
		50	0	20.09	20.18	20.22	21.00
		50	25	20.10	20.18	20.22	21.00
		50	50	20.18	20.20	20.21	21.00
		100	0	19.93	20.16	20.23	21.00
	256QAM	1	0	18.07	18.20	18.25	19.00
		1	50	18.10	18.16	18.20	19.00



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		1	99	18.19	18.23	18.27	19.00
		50	0	18.32	18.42	18.48	19.00
		50	25	18.29	18.44	18.46	19.00
		50	50	18.36	18.45	18.47	19.00
		100	0	18.29	18.38	18.42	19.00

LTE Band 42 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 42115	Channel 42590	Channel 43065	Tune up
5MHz	QPSK	1	0	20.21	20.30	20.26	21.50
		1	13	20.32	20.15	20.19	21.50
		1	24	20.40	20.42	20.30	21.50
		12	0	20.20	20.29	20.45	21.50
		12	6	20.27	20.47	20.17	21.50
		12	13	20.41	20.43	20.35	21.50
		25	0	20.25	20.26	20.44	21.50
	16QAM	1	0	20.38	20.29	20.52	21.50
		1	13	20.36	20.41	20.51	21.50
		1	24	20.38	20.44	20.40	21.50
		12	0	20.11	20.38	20.20	21.50
		12	6	20.34	20.44	20.28	21.50
		12	13	20.31	20.32	20.41	21.50
	64QAM	25	0	20.37	20.43	20.25	21.50
		1	0	20.02	19.93	20.05	21.50
		1	13	19.89	19.83	19.97	21.50
		1	24	19.93	19.92	20.00	21.50
		12	0	19.82	19.73	19.70	21.00
		12	6	19.77	19.98	19.99	21.00
	256QAM	12	13	19.96	19.77	19.92	21.00
		25	0	19.60	19.95	19.94	21.00
		1	0	17.83	17.84	17.95	19.00
		1	13	17.84	17.76	17.80	19.00
		1	24	17.90	17.90	17.92	19.00
		12	0	18.01	18.19	18.16	19.00
10MHz	QPSK	12	6	17.81	18.07	18.10	19.00
		12	13	18.11	18.09	18.15	19.00
		25	0	17.82	18.08	17.93	19.00
	16QAM	1	0	20.33	20.18	20.29	21.50
		1	25	20.18	20.12	20.33	21.50
		1	49	20.24	20.40	20.36	21.50
	64QAM	25	0	20.09	20.39	20.44	21.50
		25	13	20.13	20.29	20.21	21.50
		25	25	20.31	20.28	20.42	21.50
	16QAM	50	0	20.28	20.34	20.44	21.50
		1	0	20.16	20.40	20.36	21.50
		1	25	20.14	20.16	20.39	21.50
		1	49	20.41	20.32	20.54	21.50
	64QAM	25	0	20.17	20.28	20.51	21.50
		25	13	20.41	20.26	20.30	21.50
		25	25	20.29	20.50	20.50	21.50
	16QAM	50	0	20.15	20.41	20.29	21.50
		1	0	19.93	19.83	20.00	21.50
		1	25	19.95	19.96	19.96	21.50
		1	49	20.11	19.91	20.05	21.50
	64QAM	25	0	19.74	19.98	19.92	21.00
		25	13	19.80	19.73	19.95	21.00
		25	25	19.78	19.84	19.69	21.00



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	256QAM	50	0	19.62	19.82	19.74	21.00
		1	0	17.61	17.91	17.83	19.00
		1	25	17.58	17.66	17.81	19.00
		1	49	17.85	17.94	17.85	19.00
		25	0	17.97	17.96	18.13	19.00
		25	13	18.05	18.18	18.07	19.00
		25	25	18.04	18.10	18.09	19.00
		50	0	17.91	18.06	18.16	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42165	42590	43015	
15MHz	QPSK	1	0	20.30	20.27	20.27	21.50
		1	38	20.11	20.32	20.36	21.50
		1	74	20.29	20.32	20.38	21.50
		36	0	20.31	20.19	20.41	21.50
		36	18	20.30	20.25	20.35	21.50
		36	39	20.44	20.23	20.34	21.50
		75	0	20.28	20.41	20.36	21.50
	16QAM	1	0	20.37	20.22	20.52	21.50
		1	38	20.16	20.44	20.56	21.50
		1	74	20.37	20.24	20.42	21.50
		36	0	20.34	20.44	20.33	21.50
		36	18	20.15	20.30	20.25	21.50
		36	39	20.40	20.37	20.28	21.50
		75	0	20.25	20.28	20.28	21.50
	64QAM	1	0	19.95	20.17	19.89	21.50
		1	38	19.77	19.91	20.06	21.50
		1	74	19.93	19.97	20.11	21.50
		36	0	19.80	20.02	19.71	21.00
		36	18	19.65	19.71	20.00	21.00
		36	39	19.72	19.67	19.84	21.00
		75	0	19.52	19.90	20.06	21.00
	256QAM	1	0	17.84	17.74	17.88	19.00
		1	38	17.82	17.78	17.74	19.00
		1	74	17.72	17.89	17.72	19.00
		36	0	18.11	18.11	17.99	19.00
		36	18	17.96	18.05	18.10	19.00
		36	39	18.08	18.13	18.01	19.00
		75	0	17.94	17.95	18.05	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42190	42590	42990	
20MHz	QPSK	1	0	20.78	20.64	20.77	21.50
		1	50	20.70	20.53	20.67	21.50
		1	99	20.66	20.66	20.64	21.50
		50	0	20.66	20.66	20.82	21.50
		50	25	20.83	20.71	20.75	21.50
		50	50	20.60	20.75	20.77	21.50
		100	0	20.57	20.64	20.73	21.50
	16QAM	1	0	20.62	20.75	20.76	21.50
		1	50	20.65	20.72	20.83	21.50
		1	99	20.70	20.82	20.80	21.50
		50	0	20.60	20.63	20.72	21.50
		50	25	20.62	20.76	20.63	21.50
		50	50	20.75	20.66	20.66	21.50
		100	0	20.62	20.80	20.64	21.50
	64QAM	1	0	20.11	20.24	20.33	21.50
		1	50	20.17	20.39	20.28	21.50
		1	99	20.39	20.46	20.43	21.50
		50	0	20.11	20.28	20.17	21.00
		50	25	20.12	20.17	20.26	21.00
		50	50	20.08	20.21	20.25	21.00
		100	0	19.91	20.22	20.33	21.00



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	256QAM	1	0	18.17	18.25	18.16	19.00
		1	50	18.06	18.06	18.23	19.00
		1	99	18.28	18.24	18.20	19.00
		50	0	18.33	18.39	18.49	19.00
		50	25	18.26	18.36	18.36	19.00
		50	50	18.40	18.52	18.45	19.00
		100	0	18.38	18.36	18.40	19.00

LTE Band 48 DSI0/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 55265	Channel 55990	Channel 56715	Tune up
5MHz	QPSK	1	0	19.24	18.84	19.22	20.50
		1	13	19.19	18.88	19.15	20.50
		1	24	19.20	18.97	19.21	20.50
		12	0	18.12	17.88	18.06	19.50
		12	6	18.14	18.03	18.20	19.50
		12	13	18.15	18.00	18.28	19.50
		25	0	18.09	17.99	18.21	19.50
	16QAM	1	0	18.31	17.78	18.15	19.50
		1	13	18.15	18.00	18.30	19.50
		1	24	18.22	18.04	18.28	19.50
		12	0	17.14	16.92	17.20	18.50
		12	6	17.31	16.98	17.30	18.50
		12	13	17.09	16.97	17.29	18.50
		25	0	17.11	16.97	16.99	18.50
	64QAM	1	0	16.91	16.58	17.89	18.50
		1	13	16.86	16.77	18.02	18.50
		1	24	16.90	16.76	16.76	18.50
		12	0	16.15	15.94	15.96	17.50
		12	6	16.17	16.02	16.05	17.50
		12	13	16.10	16.07	15.96	17.50
		25	0	16.19	16.01	15.88	17.50
	256QAM	1	0	13.96	13.74	13.91	15.50
		1	13	14.02	13.86	14.01	15.50
		1	24	13.96	14.00	14.00	15.50
		12	0	14.24	13.94	14.17	15.50
		12	6	14.14	14.06	14.31	15.50
		12	13	14.32	14.05	14.02	15.50
		25	0	14.19	14.05	13.96	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 55290	Channel 55990	Channel 56690	Tune up
10MHz	QPSK	1	0	19.21	18.86	19.21	20.50
		1	25	19.14	18.89	19.16	20.50
		1	49	19.17	19.01	19.20	20.50
		25	0	18.14	17.92	18.08	19.50
		25	13	18.15	18.03	18.23	19.50
		25	25	18.19	18.03	18.27	19.50
		50	0	18.14	17.94	18.25	19.50
	16QAM	1	0	18.27	17.81	18.19	19.50
		1	25	18.20	18.01	18.26	19.50
		1	49	18.20	18.00	18.29	19.50
		25	0	17.19	16.91	17.16	18.50
		25	13	17.26	16.94	17.28	18.50
		25	25	17.14	17.01	17.33	18.50
		50	0	17.16	17.02	16.95	18.50
	64QAM	1	0	16.89	16.62	17.90	18.50
		1	25	16.85	16.78	17.99	18.50
		1	49	16.85	16.79	16.80	18.50
		25	0	16.20	15.96	15.93	17.50



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	256QAM	25	13	16.17	16.01	16.01	17.50
		25	25	16.09	16.10	15.99	17.50
		50	0	16.16	16.04	15.91	17.50
		1	0	14.00	13.77	13.96	15.50
		1	25	13.97	13.84	14.05	15.50
		1	49	13.95	13.99	13.95	15.50
		25	0	14.29	13.96	14.17	15.50
		25	13	14.17	14.05	14.26	15.50
		25	25	14.27	14.06	14.06	15.50
		50	0	14.16	14.03	13.97	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	19.20	18.84	19.16	20.50
		1	38	19.11	18.93	19.14	20.50
		1	74	19.14	18.97	19.25	20.50
		36	0	18.18	17.95	18.13	19.50
		36	18	18.12	17.99	18.24	19.50
		36	39	18.20	18.05	18.24	19.50
		75	0	18.19	17.93	18.23	19.50
	16QAM	1	0	18.27	17.86	18.16	19.50
		1	38	18.21	17.96	18.22	19.50
		1	74	18.16	17.95	18.30	19.50
		36	0	17.19	16.91	17.17	18.50
		36	18	17.22	16.97	17.23	18.50
		36	39	17.17	16.97	17.30	18.50
		75	0	17.15	17.02	16.90	18.50
	64QAM	1	0	16.87	16.64	17.92	18.50
		1	38	16.82	16.74	17.94	18.50
		1	74	16.80	16.80	16.79	18.50
		36	0	16.20	16.00	15.91	17.50
		36	18	16.21	16.02	15.99	17.50
		36	39	16.14	16.09	16.04	17.50
		75	0	16.18	16.02	15.91	17.50
	256QAM	1	0	14.03	13.74	13.97	15.50
		1	38	14.02	13.85	14.02	15.50
		1	74	13.94	13.94	13.93	15.50
		36	0	14.31	13.97	14.20	15.50
		36	18	14.17	14.00	14.25	15.50
		36	39	14.27	14.03	14.07	15.50
		75	0	14.21	14.00	13.95	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	19.19	18.89	19.15	20.50
		1	50	19.12	18.92	19.18	20.50
		1	99	19.10	19.01	19.28	20.50
		50	0	18.20	17.92	18.18	19.50
		50	25	18.16	17.95	18.22	19.50
		50	50	18.15	18.02	18.26	19.50
		100	0	18.19	17.97	18.24	19.50
	16QAM	1	0	18.30	17.86	18.16	19.50
		1	50	18.21	17.98	18.17	19.50
		1	99	18.20	17.94	18.29	19.50
		50	0	17.22	16.92	17.21	18.50
		50	25	17.17	16.95	17.24	18.50
		50	50	17.17	17.02	17.27	18.50
		100	0	17.19	17.00	16.88	18.50
	64QAM	1	0	16.89	16.63	17.93	18.50
		1	50	16.79	16.69	17.89	18.50
		1	99	16.81	16.76	16.83	18.50
		50	0	16.23	15.95	15.87	17.50
		50	25	16.18	15.97	15.95	17.50



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	256QAM	50	50	16.17	16.04	16.08	17.50
		100	0	16.20	15.97	15.93	17.50
		1	0	13.99	13.74	14.01	15.50
		1	50	14.04	13.83	14.06	15.50
		1	99	13.98	13.90	13.89	15.50
		50	0	14.26	13.96	14.23	15.50
		50	25	14.22	13.99	14.29	15.50
		50	50	14.24	14.06	14.11	15.50
		100	0	14.20	13.97	13.97	15.50

LTE Band 48 DS11/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	16.36	16.45	16.20	18.00
		1	13	16.35	16.37	16.11	18.00
		1	24	16.45	16.36	16.32	18.00
		12	0	16.46	16.31	16.12	18.00
		12	6	16.37	16.34	16.07	18.00
		12	13	16.44	16.47	16.27	18.00
		25	0	16.48	16.33	16.27	18.00
	16QAM	1	0	16.21	16.32	16.19	18.00
		1	13	16.32	16.35	16.26	18.00
		1	24	16.55	16.55	16.31	18.00
		12	0	16.45	16.34	16.42	18.00
		12	6	16.33	16.43	16.32	18.00
		12	13	16.36	16.40	16.14	18.00
		25	0	16.30	16.35	16.30	18.00
	64QAM	1	0	16.09	16.04	16.28	18.00
		1	13	16.11	16.00	16.29	18.00
		1	24	16.04	16.16	16.08	18.00
		12	0	16.08	16.17	15.86	17.50
		12	6	16.12	16.06	15.94	17.50
		12	13	16.08	16.23	15.94	17.50
		25	0	16.15	16.05	15.85	17.50
	256QAM	1	0	13.78	13.91	13.72	15.50
		1	13	13.89	13.89	13.62	15.50
		1	24	14.00	13.88	13.69	15.50
		12	0	14.03	14.26	13.90	15.50
		12	6	14.14	14.14	13.86	15.50
		12	13	14.23	14.10	13.92	15.50
		25	0	14.05	14.12	13.96	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	16.29	16.47	16.15	18.00
		1	25	16.35	16.28	16.09	18.00
		1	49	16.42	16.28	16.39	18.00
		25	0	16.44	16.46	16.25	18.00
		25	13	16.36	16.35	16.03	18.00
		25	25	16.33	16.43	16.28	18.00
		50	0	16.44	16.40	16.29	18.00
	16QAM	1	0	16.21	16.25	16.23	18.00
		1	25	16.31	16.46	16.17	18.00
		1	49	16.46	16.44	16.31	18.00
		25	0	16.28	16.37	16.29	18.00
		25	13	16.33	16.43	16.44	18.00
		25	25	16.51	16.39	16.32	18.00
		50	0	16.50	16.46	16.16	18.00
	64QAM	1	0	16.04	16.05	16.26	18.00
		1	25	16.07	16.14	16.33	18.00



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		1	49	16.07	16.00	16.15	18.00
		25	0	15.98	16.18	15.79	17.50
		25	13	16.16	16.21	15.86	17.50
		25	25	16.19	16.06	15.88	17.50
		50	0	16.05	16.17	15.86	17.50
		1	0	13.89	13.91	13.65	15.50
		1	25	13.91	13.97	13.73	15.50
		1	49	13.97	14.01	13.85	15.50
		25	0	14.10	14.23	14.01	15.50
		25	13	14.16	14.10	14.00	15.50
	256QAM	25	25	14.15	14.19	13.97	15.50
		50	0	13.98	14.03	13.84	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	16.37	16.41	16.16	18.00
		1	38	16.28	16.39	16.17	18.00
		1	74	16.54	16.38	16.35	18.00
		36	0	16.44	16.39	16.18	18.00
		36	18	16.28	16.50	16.01	18.00
		36	39	16.52	16.32	16.31	18.00
	16QAM	75	0	16.45	16.44	16.11	18.00
		1	0	16.30	16.20	16.21	18.00
		1	38	16.45	16.44	16.21	18.00
		1	74	16.46	16.47	16.27	18.00
		36	0	16.46	16.51	16.46	18.00
		36	18	16.32	16.49	16.35	18.00
	64QAM	36	39	16.54	16.35	16.15	18.00
		75	0	16.32	16.42	16.30	18.00
		1	0	16.05	16.07	16.26	18.00
		1	38	16.13	16.01	16.40	18.00
		1	74	16.05	16.03	16.11	18.00
		36	0	16.01	16.09	15.96	17.50
	256QAM	36	18	16.02	16.02	15.94	17.50
		36	39	16.21	16.06	15.96	17.50
		75	0	16.01	16.21	15.91	17.50
		1	0	13.74	13.97	13.57	15.50
		1	38	13.93	13.97	13.69	15.50
		1	74	14.11	14.01	13.87	15.50
20MHz	QPSK	36	0	14.04	14.19	13.91	15.50
		36	18	14.12	14.19	13.90	15.50
		36	39	14.12	14.14	13.91	15.50
		75	0	14.08	14.06	13.78	15.50
	16QAM	1	0	16.30	16.38	16.13	18.00
		1	50	16.31	16.37	16.13	18.00
		1	99	16.46	16.35	16.30	18.00
		50	0	16.36	16.41	16.16	18.00
		50	25	16.38	16.41	16.11	18.00
		50	50	16.43	16.42	16.24	18.00
	64QAM	100	0	16.39	16.41	16.19	18.00
		1	0	16.25	16.25	16.16	18.00
		1	50	16.38	16.45	16.19	18.00
		1	99	16.49	16.45	16.34	18.00
		50	0	16.36	16.43	16.36	18.00
		50	25	16.39	16.42	16.42	18.00
	256QAM	50	50	16.45	16.44	16.23	18.00
		100	0	16.40	16.44	16.21	18.00
		1	0	16.01	16.12	16.23	18.00
		1	50	16.16	16.08	16.31	18.00
		1	99	16.04	16.06	16.08	18.00
	QPSK	1	0	16.30	16.38	16.13	18.00
		1	50	16.31	16.37	16.13	18.00
		1	99	16.46	16.35	16.30	18.00
		50	0	16.36	16.41	16.16	18.00
		50	25	16.38	16.41	16.11	18.00
		50	50	16.43	16.42	16.24	18.00
	16QAM	100	0	16.39	16.41	16.19	18.00
		1	0	16.25	16.25	16.16	18.00
		1	50	16.38	16.45	16.19	18.00
		1	99	16.49	16.45	16.34	18.00
		50	0	16.36	16.43	16.36	18.00
		50	25	16.39	16.42	16.42	18.00
	64QAM	50	50	16.45	16.44	16.23	18.00
		100	0	16.40	16.44	16.21	18.00
		1	0	16.01	16.12	16.23	18.00
		1	50	16.16	16.08	16.31	18.00
		1	99	16.04	16.06	16.08	18.00
		1	99	16.04	16.06	16.08	18.00



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		50	0	16.07	16.10	15.86	17.50
		50	25	16.10	16.12	15.86	17.50
		50	50	16.16	16.14	15.92	17.50
		100	0	16.06	16.12	15.88	17.50
	256QAM	1	0	13.83	13.99	13.62	15.50
		1	50	13.86	13.94	13.68	15.50
		1	99	14.02	13.95	13.78	15.50
		50	0	14.09	14.17	13.91	15.50
		50	25	14.14	14.15	13.93	15.50
		50	50	14.19	14.17	13.96	15.50
		100	0	14.08	14.11	13.88	15.50

LTE Band 48 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	17.93	17.98	17.76	19.50
		1	13	17.80	17.91	17.52	19.50
		1	24	17.86	17.91	17.81	19.50
		12	0	18.02	17.77	17.71	19.50
		12	6	17.96	17.82	18.03	19.50
		12	13	17.98	17.92	17.87	19.50
		25	0	17.89	17.79	17.73	19.50
	16QAM	1	0	17.73	17.78	17.73	19.50
		1	13	17.88	17.92	17.70	19.50
		1	24	17.97	18.10	17.84	19.50
		12	0	17.03	16.83	17.01	18.50
		12	6	16.88	16.87	16.84	18.50
		12	13	16.90	16.99	16.54	18.50
		25	0	16.86	16.77	16.87	18.50
	64QAM	1	0	16.64	16.66	16.83	18.50
		1	13	16.65	16.70	16.69	18.50
		1	24	16.79	16.75	16.83	18.50
		12	0	16.05	16.17	15.86	17.50
		12	6	16.02	16.01	15.84	17.50
		12	13	16.11	16.15	15.85	17.50
		25	0	16.09	16.04	15.76	17.50
	256QAM	1	0	13.74	13.94	13.66	15.50
		1	13	13.94	13.80	13.72	15.50
		1	24	13.98	13.86	13.72	15.50
		12	0	14.03	14.23	13.85	15.50
		12	6	14.22	14.11	13.94	15.50
		12	13	14.22	14.03	13.99	15.50
		25	0	14.13	14.15	14.01	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	17.75	17.90	17.73	19.50
		1	25	17.84	17.84	17.67	19.50
		1	49	17.98	17.74	17.86	19.50
		25	0	18.00	17.98	17.66	19.50
		25	13	17.94	17.95	17.50	19.50
		25	25	17.91	17.96	17.68	19.50
		50	0	17.97	17.98	17.69	19.50
	16QAM	1	0	17.65	17.79	17.81	19.50
		1	25	17.76	17.89	17.72	19.50
		1	49	17.98	17.97	17.82	19.50
		25	0	16.76	16.77	16.78	18.50
		25	13	16.79	16.96	17.00	18.50
		25	25	17.09	16.96	16.81	18.50
		50	0	16.97	16.88	16.62	18.50



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	64QAM	1	0	16.65	16.64	16.66	18.50
		1	25	16.77	16.66	16.81	18.50
		1	49	16.77	16.63	16.63	18.50
		25	0	15.98	16.26	15.71	17.50
		25	13	16.16	16.14	15.93	17.50
		25	25	16.25	16.10	15.95	17.50
		50	0	16.03	16.15	15.90	17.50
	256QAM	1	0	13.84	13.82	13.75	15.50
		1	25	13.82	13.87	13.79	15.50
		1	49	13.92	13.97	13.82	15.50
		25	0	14.17	14.16	14.03	15.50
		25	13	14.25	14.15	13.91	15.50
		25	25	14.17	14.24	13.94	15.50
		50	0	14.08	14.10	13.80	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 55315	Channel 55990	Channel 56665	Tune up
15MHz	QPSK	1	0	17.84	17.93	17.64	19.50
		1	38	17.86	17.97	17.59	19.50
		1	74	17.94	17.85	17.79	19.50
		36	0	17.99	17.82	17.64	19.50
		36	18	17.76	17.90	17.55	19.50
		36	39	17.94	17.90	17.77	19.50
		75	0	17.85	17.89	17.71	19.50
	16QAM	1	0	17.73	17.77	17.78	19.50
		1	38	17.85	17.99	17.72	19.50
		1	74	17.88	18.04	17.71	19.50
		36	0	17.06	17.01	16.97	18.50
		36	18	16.80	17.00	16.94	18.50
		36	39	17.05	16.83	16.74	18.50
		75	0	16.72	16.93	16.89	18.50
	64QAM	1	0	16.71	16.66	16.74	18.50
		1	38	16.73	16.75	16.86	18.50
		1	74	16.65	16.80	16.65	18.50
		36	0	16.00	16.01	15.87	17.50
		36	18	16.11	16.03	15.92	17.50
		36	39	16.22	15.96	16.03	17.50
		75	0	16.07	16.11	15.88	17.50
	256QAM	1	0	13.84	13.93	13.61	15.50
		1	38	13.88	13.89	13.66	15.50
		1	74	14.16	14.10	13.84	15.50
		36	0	14.09	14.26	13.96	15.50
		36	18	14.11	14.19	13.90	15.50
		36	39	14.03	14.05	13.84	15.50
		75	0	14.02	13.98	13.70	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 55340	Channel 55990	Channel 56640	Tune up
20MHz	QPSK	1	0	17.89	17.92	17.72	19.50
		1	50	17.74	17.78	17.61	19.50
		1	99	17.90	17.77	17.93	19.50
		50	0	17.82	17.89	17.65	19.50
		50	25	17.89	17.81	17.54	19.50
		50	50	17.99	17.96	17.99	19.50
		100	0	17.79	17.99	17.59	19.50
	16QAM	1	0	17.72	17.83	17.59	19.50
		1	50	17.88	17.87	17.79	19.50
		1	99	18.09	18.04	17.78	19.50
		50	0	16.81	16.97	16.93	18.50
		50	25	16.88	17.00	16.84	18.50
		50	50	16.98	16.84	16.72	18.50
		100	0	16.81	16.97	16.80	18.50
	64QAM	1	0	16.58	16.72	16.65	18.50



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		1	50	16.60	16.76	16.74	18.50
		1	99	16.75	16.50	16.56	18.50
		50	0	16.59	16.00	15.79	17.50
		50	25	16.04	16.21	15.92	17.50
		50	50	16.08	16.08	15.92	17.50
		100	0	16.12	16.18	15.87	17.50
	256QAM	1	0	13.83	14.03	13.54	15.50
		1	50	13.93	13.97	13.70	15.50
		1	99	13.99	13.91	13.84	15.50
		50	0	14.08	14.08	13.89	15.50
		50	25	14.05	14.12	13.92	15.50
		50	50	14.29	14.13	14.06	15.50
		100	0	14.03	14.04	13.83	15.50



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1.10 Conducted Power of Legacy (Ant9)

LTE Band 42 DSI0/1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	22.24	22.28	22.34	24.00
		1	13	22.37	22.39	22.32	24.00
		1	24	22.37	22.43	22.43	24.00
		12	0	21.51	21.52	21.56	23.00
		12	6	21.48	21.48	21.42	23.00
		12	13	21.49	21.55	21.45	23.00
		25	0	21.46	21.49	21.53	23.00
	16QAM	1	0	21.48	21.45	21.36	23.00
		1	13	21.11	21.15	21.06	23.00
		1	24	21.28	21.21	21.07	23.00
		12	0	20.51	20.45	20.53	22.00
		12	6	20.41	20.51	20.57	22.00
		12	13	20.50	20.59	20.48	22.00
		25	0	20.51	20.53	20.45	22.00
	64QAM	1	0	20.06	20.07	20.07	22.00
		1	13	20.19	20.23	20.02	22.00
		1	24	20.03	20.08	20.15	22.00
		12	0	19.55	19.51	19.59	21.00
		12	6	19.39	19.52	19.33	21.00
		12	13	19.47	19.42	19.42	21.00
		25	0	19.41	19.45	19.33	21.00
	256QAM	1	0	17.35	17.45	17.37	19.00
		1	13	17.36	17.32	17.33	19.00
		1	24	17.30	17.33	17.28	19.00
		12	0	17.57	17.64	17.58	19.00
		12	6	17.51	17.53	17.42	19.00
		12	13	17.53	17.49	17.44	19.00
		25	0	17.52	17.52	17.59	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42140	42590	43040	
10MHz	QPSK	1	0	22.31	22.21	22.29	24.00
		1	25	22.31	22.36	22.33	24.00
		1	49	22.40	22.40	22.42	24.00
		25	0	21.53	21.55	21.57	23.00
		25	13	21.41	21.48	21.38	23.00
		25	25	21.53	21.53	21.45	23.00
		50	0	21.44	21.50	21.57	23.00
	16QAM	1	0	21.49	21.47	21.41	23.00
		1	25	21.15	21.18	21.01	23.00
		1	49	21.25	21.25	21.06	23.00
		25	0	20.53	20.53	20.61	22.00
		25	13	20.45	20.45	20.55	22.00
		25	25	20.55	20.59	20.53	22.00
		50	0	20.48	20.46	20.44	22.00
	64QAM	1	0	20.08	20.03	20.07	22.00
		1	25	20.20	20.18	20.05	22.00
		1	49	20.08	20.16	20.17	22.00
		25	0	19.55	19.51	19.61	21.00
		25	13	19.39	19.49	19.37	21.00
		25	25	19.47	19.40	19.47	21.00
		50	0	19.42	19.47	19.37	21.00
	256QAM	1	0	17.33	17.43	17.33	19.00
		1	25	17.35	17.35	17.34	19.00
		1	49	17.38	17.35	17.32	19.00



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		25	0	17.55	17.64	17.58	19.00
		25	13	17.46	17.56	17.49	19.00
		25	25	17.48	17.48	17.43	19.00
		50	0	17.51	17.48	17.58	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 42165	Channel 42590	Channel 43015	Tune up
15MHz	QPSK	1	0	22.24	22.24	22.28	24.00
		1	38	22.31	22.34	22.30	24.00
		1	74	22.37	22.45	22.42	24.00
		36	0	21.57	21.58	21.56	23.00
		36	18	21.44	21.46	21.39	23.00
		36	39	21.53	21.50	21.45	23.00
	16QAM	75	0	21.51	21.56	21.49	23.00
		1	0	21.42	21.39	21.34	23.00
		1	38	21.10	21.16	21.01	23.00
		1	74	21.27	21.20	21.09	23.00
		36	0	20.54	20.49	20.55	22.00
		36	18	20.43	20.49	20.53	22.00
	64QAM	36	39	20.56	20.53	20.47	22.00
		75	0	20.52	20.50	20.48	22.00
		1	0	20.02	20.01	20.11	22.00
		1	38	20.20	20.24	20.08	22.00
		1	74	20.17	20.01	20.16	22.00
		36	0	19.54	19.48	19.60	21.00
20MHz	QPSK	36	18	19.41	19.52	19.40	21.00
		36	39	19.41	19.46	19.41	21.00
		75	0	19.48	19.41	19.36	21.00
	16QAM	1	0	17.32	17.42	17.30	19.00
		1	38	17.31	17.32	17.30	19.00
		1	74	17.35	17.37	17.32	19.00
	64QAM	36	0	17.59	17.63	17.57	19.00
		36	18	17.49	17.55	17.46	19.00
		36	39	17.48	17.50	17.47	19.00
		75	0	17.55	17.51	17.54	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 42190	Channel 42590	Channel 42990	Tune up
20MHz	QPSK	1	0	22.22	22.20	22.25	24.00
		1	50	22.30	22.30	22.27	24.00
		1	99	22.32	22.39	22.34	24.00
		50	0	21.50	21.49	21.50	23.00
		50	25	21.40	21.43	21.34	23.00
		50	50	21.46	21.48	21.39	23.00
	16QAM	100	0	21.43	21.48	21.48	23.00
		1	0	21.40	21.38	21.33	23.00
		1	50	21.09	21.13	21.00	23.00
		1	99	21.21	21.19	21.02	23.00
		50	0	20.49	20.44	20.52	22.00
		50	25	20.40	20.44	20.51	22.00
	64QAM	50	50	20.48	20.51	20.44	22.00
		100	0	20.43	20.45	20.41	22.00
		1	0	20.00	20.00	20.02	22.00
		1	50	20.14	20.15	20.00	22.00
		1	99	20.05	20.15	20.09	22.00
		50	0	19.47	19.47	19.52	21.00
256QAM	256QAM	50	25	19.38	19.45	19.32	21.00
		50	50	19.38	19.37	19.40	21.00
		100	0	19.40	19.38	19.31	21.00
		1	0	17.30	17.36	17.29	19.00
		1	50	17.29	17.29	17.28	19.00
		1	99	17.29	17.31	17.24	19.00
		50	0	17.51	17.55	17.52	19.00



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		50	25	17.43	17.49	17.41	19.00
		50	50	17.45	17.43	17.41	19.00
		100	0	17.47	17.43	17.51	19.00

LTE Band 42 DSI3/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	42115	42590	43065	14.50
		1	13	12.79	12.72	12.76	14.50
		1	24	12.88	12.84	12.84	14.50
		12	0	12.89	12.98	12.95	14.50
		12	6	13.02	13.05	13.10	14.50
		12	13	12.97	13.03	12.93	14.50
	16QAM	25	0	12.97	13.01	13.00	14.50
		25	0	12.96	13.05	13.09	14.50
		1	0	12.96	12.97	12.89	14.50
		1	13	12.70	12.73	12.54	14.50
		1	24	12.81	12.76	12.62	14.50
		12	0	13.09	12.97	13.10	14.50
	64QAM	12	6	12.97	12.97	13.02	14.50
		12	13	13.08	13.06	12.99	14.50
		25	0	12.99	13.01	13.01	14.50
		1	0	12.57	12.52	12.56	14.50
		1	13	12.66	12.73	12.54	14.50
		1	24	12.66	12.76	12.70	14.50
	256QAM	12	0	13.06	13.01	13.05	14.50
		12	6	12.92	13.05	12.89	14.50
		12	13	12.99	12.98	12.98	14.50
		25	0	12.99	12.94	12.83	14.50
		1	0	12.89	12.91	12.86	14.50
		1	13	12.84	12.80	12.82	14.50
10MHz	QPSK	1	24	12.84	12.89	12.76	14.50
		12	0	13.10	13.06	13.08	14.50
		12	6	12.96	13.01	12.94	14.50
		12	13	13.03	13.02	12.93	14.50
		25	0	13.03	12.99	13.07	14.50
		1	0	12.75	12.80	12.84	14.50
	16QAM	1	25	12.90	12.86	12.86	14.50
		1	49	12.93	13.00	12.90	14.50
		25	0	13.07	13.07	13.10	14.50
		25	13	13.01	12.97	12.92	14.50
		25	25	13.02	13.03	12.97	14.50
		50	0	13.03	12.99	13.02	14.50
	64QAM	1	0	12.94	12.92	12.88	14.50
		1	25	12.68	12.74	12.58	14.50
		1	49	12.74	12.72	12.55	14.50
		25	0	13.02	13.04	13.13	14.50
		25	13	12.95	12.98	13.04	14.50
		25	25	13.00	13.06	12.98	14.50
	256QAM	50	0	13.01	12.98	12.98	14.50
		1	0	12.59	12.55	12.60	14.50
		1	25	12.71	12.67	12.53	14.50
		1	49	12.62	12.74	12.68	14.50
		25	0	13.01	12.99	13.11	14.50
		25	13	12.98	13.00	12.93	14.50



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