

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

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		1	25	18.24	18.63	18.34	19.00
		1	49	18.38	18.68	18.60	19.00
		25	0	18.48	18.90	18.61	19.00
		25	13	18.44	18.88	18.69	19.00
		25	25	18.47	18.90	18.64	19.00
		50	0	18.44	18.82	18.75	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	22.31	22.64	22.73	23.00
		1	38	22.41	22.88	22.63	23.00
		1	74	22.36	22.84	22.66	23.00
		36	0	22.32	22.74	22.70	23.00
		36	18	22.38	22.91	22.80	23.00
		36	39	22.37	22.81	22.66	23.00
	16QAM	75	0	22.37	22.79	22.69	23.00
		1	0	22.29	22.40	22.28	23.00
		1	38	22.23	22.57	22.35	23.00
		1	74	22.05	22.84	22.28	23.00
		36	0	21.49	21.86	21.79	22.00
		36	18	21.43	21.80	21.77	22.00
	64QAM	36	39	21.50	21.88	21.54	22.00
		75	0	21.53	21.99	21.74	22.00
		1	0	20.78	21.27	21.09	22.00
		1	38	21.01	21.14	20.82	22.00
		1	74	21.01	21.51	20.68	22.00
		36	0	20.31	20.74	20.71	21.00
	256QAM	36	18	20.39	20.91	20.67	21.00
		36	39	20.52	20.81	20.81	21.00
		75	0	20.39	20.78	20.78	21.00
		1	0	18.27	18.49	18.50	19.00
		1	38	18.24	18.63	18.39	19.00
		1	74	18.35	18.72	18.52	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	22.25	22.71	22.72	23.00
		1	50	22.35	22.82	22.71	23.00
		1	99	22.37	22.86	22.68	23.00
		50	0	22.37	22.79	22.73	23.00
		50	25	22.40	22.86	22.74	23.00
		50	50	22.42	22.87	22.75	23.00
	16QAM	100	0	22.40	22.85	22.74	23.00
		1	0	22.26	22.45	22.35	23.00
		1	50	22.18	22.59	22.35	23.00
		1	99	22.15	22.77	22.20	23.00
		50	0	21.39	21.80	21.73	22.00
		50	25	21.42	21.87	21.74	22.00
	64QAM	50	50	21.44	21.87	21.44	22.00
		100	0	21.44	21.89	21.77	22.00
		1	0	20.83	21.25	21.16	22.00
		1	50	21.01	21.06	20.78	22.00
		1	99	21.02	21.41	20.73	22.00
		50	0	20.38	20.80	20.75	21.00
	256QAM	50	25	20.43	20.87	20.76	21.00
		50	50	20.44	20.89	20.74	21.00
		100	0	20.38	20.82	20.72	21.00
		1	0	18.18	18.56	18.57	19.00
		1	50	18.23	18.67	18.37	19.00



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		1	99	18.25	18.72	18.52	19.00
		50	0	18.41	18.83	18.76	19.00
		50	25	18.45	18.89	18.78	19.00
		50	50	18.48	18.89	18.75	19.00
		100	0	18.43	18.83	18.72	19.00

LTE Band 48 DS12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	20.24	20.67	20.61	21.00
		1	13	20.42	20.98	20.58	21.00
		1	24	20.43	20.83	20.63	21.00
		12	0	20.43	20.90	20.97	21.00
		12	6	20.37	20.91	20.77	21.00
		12	13	20.50	20.98	20.79	21.00
		25	0	20.48	20.93	20.71	21.00
	16QAM	1	0	20.46	20.63	20.24	21.00
		1	13	20.14	20.73	20.59	21.00
		1	24	20.17	20.94	20.47	21.00
		12	0	20.30	20.83	20.60	21.00
		12	6	20.40	20.78	20.95	21.00
		12	13	20.50	20.99	20.70	21.00
		25	0	20.61	20.95	20.76	21.00
	64QAM	1	0	19.76	20.16	20.21	21.00
		1	13	20.02	20.18	20.18	21.00
		1	24	19.94	20.49	19.85	21.00
		12	0	20.48	20.63	20.14	21.00
		12	6	20.50	20.60	20.75	21.00
		12	13	20.40	20.65	20.92	21.00
		25	0	20.25	20.64	20.68	21.00
	256QAM	1	0	18.30	18.56	18.77	19.00
		1	13	18.41	18.62	18.59	19.00
		1	24	18.19	18.72	18.57	19.00
		12	0	18.50	18.68	18.89	19.00
		12	6	18.33	18.77	18.77	19.00
		12	13	18.38	18.89	18.39	19.00
		25	0	18.36	18.69	18.90	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	20.33	20.71	20.60	21.00
		1	25	20.34	20.96	20.62	21.00
		1	49	20.41	20.93	20.68	21.00
		25	0	20.43	20.82	20.90	21.00
		25	13	20.37	20.85	20.82	21.00
		25	25	20.41	20.95	20.80	21.00
		50	0	20.46	20.84	20.68	21.00
	16QAM	1	0	20.39	20.66	20.31	21.00
		1	25	20.18	20.71	20.60	21.00
		1	49	20.21	20.95	20.39	21.00
		25	0	20.23	20.90	20.61	21.00
		25	13	20.45	20.88	20.89	21.00
		25	25	20.58	20.92	20.66	21.00
		50	0	20.53	20.85	20.75	21.00
	64QAM	1	0	19.84	20.25	20.15	21.00
		1	25	19.97	20.12	20.12	21.00
		1	49	19.98	20.55	19.76	21.00
		25	0	20.44	20.68	20.16	21.00
		25	13	20.52	20.54	20.80	21.00
		25	25	20.49	20.61	20.82	21.00



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		50	0	20.30	20.67	20.64	21.00
	256QAM	1	0	18.24	18.58	18.69	19.00
		1	25	18.36	18.65	18.66	19.00
		1	49	18.14	18.71	18.61	19.00
		25	0	18.42	18.71	18.89	19.00
		25	13	18.43	18.71	18.67	19.00
		25	25	18.48	18.93	18.40	19.00
		50	0	18.33	18.76	18.81	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	20.33	20.72	20.70	21.00
		1	38	20.41	20.88	20.69	21.00
		1	74	20.44	20.88	20.59	21.00
		36	0	20.44	20.78	20.80	21.00
		36	18	20.29	20.93	20.84	21.00
		36	39	20.40	20.87	20.74	21.00
		75	0	20.36	20.77	20.65	21.00
	16QAM	1	0	20.33	20.72	20.38	21.00
		1	38	20.22	20.62	20.52	21.00
		1	74	20.28	20.90	20.47	21.00
		36	0	20.32	20.85	20.65	21.00
		36	18	20.46	20.92	20.81	21.00
		36	39	20.51	20.87	20.71	21.00
		75	0	20.45	20.91	20.82	21.00
	64QAM	1	0	19.85	20.19	20.19	21.00
		1	38	19.99	20.22	20.09	21.00
		1	74	19.99	20.45	19.85	21.00
		36	0	20.42	20.61	20.17	21.00
		36	18	20.48	20.50	20.84	21.00
		36	39	20.43	20.67	20.74	21.00
		75	0	20.29	20.75	20.71	21.00
	256QAM	1	0	18.22	18.58	18.64	19.00
		1	38	18.26	18.60	18.60	19.00
		1	74	18.23	18.73	18.56	19.00
		36	0	18.40	18.80	18.84	19.00
		36	18	18.52	18.71	18.61	19.00
		36	39	18.45	18.98	18.49	19.00
		75	0	18.34	18.74	18.72	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	20.28	20.71	20.71	21.00
		1	50	20.32	20.80	20.71	21.00
		1	99	20.35	20.87	20.65	21.00
		50	0	20.36	20.79	20.72	21.00
		50	25	20.38	20.85	20.74	21.00
		50	50	20.41	20.86	20.70	21.00
		100	0	20.40	20.84	20.74	21.00
	16QAM	1	0	20.26	20.70	20.32	21.00
		1	50	20.21	20.70	20.53	21.00
		1	99	20.25	20.82	20.54	21.00
		50	0	20.38	20.80	20.73	21.00
		50	25	20.42	20.87	20.74	21.00
		50	50	20.45	20.86	20.72	21.00
		100	0	20.45	20.87	20.76	21.00
	64QAM	1	0	19.95	20.17	20.22	21.00
		1	50	19.93	20.29	20.00	21.00
		1	99	20.05	20.35	19.83	21.00
		50	0	20.39	20.51	20.20	21.00
		50	25	20.42	20.57	20.74	21.00
		50	50	20.45	20.57	20.72	21.00
		100	0	20.39	20.85	20.72	21.00



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		1	0	18.19	18.57	18.57	19.00
		1	50	18.24	18.67	18.56	19.00
		1	99	18.25	18.72	18.51	19.00
	256QAM	50	0	18.42	18.82	18.75	19.00
		50	25	18.45	18.78	18.59	19.00
		50	50	18.47	18.89	18.55	19.00
		100	0	18.41	18.83	18.71	19.00

LTE Band 48 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 55265	Channel 55990	Channel 56715	Tune up
5MHz	QPSK	1	0	21.38	21.73	21.95	22.00
		1	13	21.24	21.86	21.64	22.00
		1	24	21.26	21.93	21.60	22.00
		12	0	21.31	21.83	21.74	22.00
		12	6	21.36	21.78	21.91	22.00
		12	13	21.35	21.84	21.74	22.00
		25	0	21.30	21.86	21.75	22.00
	16QAM	1	0	21.15	21.38	21.04	22.00
		1	13	21.44	21.77	21.48	22.00
		1	24	21.08	21.94	21.63	22.00
		12	0	21.21	21.89	21.78	22.00
		12	6	21.33	21.87	21.76	22.00
		12	13	21.41	21.92	21.49	22.00
		25	0	21.31	21.90	21.74	22.00
	64QAM	1	0	20.82	21.22	21.01	22.00
		1	13	20.87	21.11	20.90	22.00
		1	24	21.02	21.33	20.77	22.00
		12	0	20.51	20.72	20.23	21.00
		12	6	20.53	20.87	20.72	21.00
		12	13	20.56	20.98	20.73	21.00
		25	0	20.63	20.85	20.77	21.00
	256QAM	1	0	18.15	18.64	18.62	19.00
		1	13	18.23	18.77	18.39	19.00
		1	24	18.36	18.69	18.40	19.00
		12	0	18.39	18.75	18.79	19.00
		12	6	18.34	18.95	18.65	19.00
		12	13	18.17	18.90	18.57	19.00
		25	0	18.48	18.87	18.83	19.00
10MHz	QPSK	1	0	21.33	21.71	21.91	22.00
		1	25	21.21	21.92	21.71	22.00
		1	49	21.32	21.89	21.60	22.00
		25	0	21.36	21.93	21.84	22.00
		25	13	21.43	21.79	21.90	22.00
		25	25	21.43	21.79	21.68	22.00
		50	0	21.35	21.81	21.79	22.00
	16QAM	1	0	21.25	21.41	21.02	22.00
		1	25	21.38	21.80	21.58	22.00
		1	49	21.11	21.96	21.72	22.00
		25	0	21.31	21.80	21.73	22.00
		25	13	21.30	21.87	21.82	22.00
		25	25	21.48	21.91	21.50	22.00
		50	0	21.29	21.84	21.78	22.00
	64QAM	1	0	20.84	21.26	21.04	22.00
		1	25	20.94	21.12	20.96	22.00
		1	49	20.96	21.26	20.83	22.00
		25	0	20.41	20.70	20.31	21.00



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	256QAM	25	13	20.53	20.96	20.72	21.00
		25	25	20.49	20.93	20.73	21.00
		50	0	20.53	20.95	20.75	21.00
		1	0	18.09	18.71	18.56	19.00
		1	25	18.17	18.80	18.47	19.00
		1	49	18.35	18.74	18.45	19.00
		25	0	18.29	18.80	18.76	19.00
		25	13	18.38	18.96	18.60	19.00
		25	25	18.27	18.83	18.47	19.00
		50	0	18.41	18.91	18.87	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	21.29	21.73	21.82	22.00
		1	38	21.31	21.85	21.67	22.00
		1	74	21.32	21.81	21.57	22.00
		36	0	21.33	21.90	21.76	22.00
		36	18	21.50	21.79	21.84	22.00
		36	39	21.41	21.88	21.70	22.00
		75	0	21.45	21.86	21.78	22.00
	16QAM	1	0	21.31	21.48	21.02	22.00
		1	38	21.28	21.90	21.54	22.00
		1	74	21.18	21.89	21.78	22.00
		36	0	21.32	21.90	21.65	22.00
		36	18	21.40	21.87	21.86	22.00
		36	39	21.45	21.93	21.54	22.00
		75	0	21.36	21.91	21.76	22.00
	64QAM	1	0	20.79	21.29	21.08	22.00
		1	38	20.93	21.04	20.90	22.00
		1	74	21.00	21.34	20.76	22.00
		36	0	20.38	20.72	20.28	21.00
		36	18	20.51	20.97	20.70	21.00
		36	39	20.43	20.95	20.83	21.00
		75	0	20.50	20.93	20.81	21.00
	256QAM	1	0	18.10	18.65	18.59	19.00
		1	38	18.11	18.73	18.52	19.00
		1	74	18.35	18.68	18.54	19.00
		36	0	18.38	18.74	18.69	19.00
		36	18	18.41	18.89	18.66	19.00
		36	39	18.36	18.87	18.53	19.00
		75	0	18.38	18.86	18.79	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	21.32	21.72	21.74	22.00
		1	50	21.37	21.82	21.71	22.00
		1	99	21.37	21.87	21.67	22.00
		50	0	21.38	21.80	21.75	22.00
		50	25	21.41	21.86	21.74	22.00
		50	50	21.42	21.87	21.71	22.00
		100	0	21.42	21.84	21.71	22.00
	16QAM	1	0	21.25	21.54	20.95	22.00
		1	50	21.20	21.83	21.55	22.00
		1	99	21.21	21.83	21.68	22.00
		50	0	21.39	21.82	21.75	22.00
		50	25	21.42	21.86	21.77	22.00
		50	50	21.44	21.87	21.64	22.00
		100	0	21.43	21.88	21.79	22.00
	64QAM	1	0	20.85	21.26	21.08	22.00
		1	50	20.99	21.07	20.87	22.00
		1	99	21.04	21.43	20.78	22.00
		50	0	20.40	20.82	20.24	21.00
		50	25	20.42	20.87	20.76	21.00



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		50	50	20.44	20.89	20.73	21.00
		100	0	20.40	20.83	20.74	21.00
	256QAM	1	0	18.19	18.56	18.56	19.00
		1	50	18.19	18.68	18.55	19.00
		1	99	18.25	18.71	18.51	19.00
		50	0	18.41	18.83	18.77	19.00
		50	25	18.44	18.90	18.61	19.00
		50	50	18.45	18.89	18.56	19.00
		100	0	18.40	18.83	18.71	19.00



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1.4 Conducted Power of Legacy (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	16.60	15.91	16.34	17.00
		1	13	16.52	16.10	16.40	17.00
		1	24	16.33	16.12	16.52	17.00
		12	0	16.70	16.20	16.40	17.00
		12	6	16.60	16.03	16.66	17.00
		12	13	16.40	16.39	16.53	17.00
		25	0	16.58	16.19	16.51	17.00
	16QAM	1	0	16.86	16.19	16.48	17.00
		1	13	16.66	16.12	16.72	17.00
		1	24	16.36	16.10	16.67	17.00
		12	0	16.69	16.18	16.47	17.00
		12	6	16.43	16.29	16.58	17.00
		12	13	16.32	16.10	16.50	17.00
		25	0	16.59	16.21	16.51	17.00
	64QAM	1	0	16.84	16.17	16.45	17.00
		1	13	16.49	16.18	16.34	17.00
		1	24	16.49	16.12	16.64	17.00
		12	0	16.60	16.17	16.21	17.00
		12	6	16.42	16.06	16.60	17.00
		12	13	16.25	16.11	16.60	17.00
		25	0	16.40	16.09	16.45	17.00
	256QAM	1	0	16.86	15.99	16.03	17.00
		1	13	16.64	16.24	16.73	17.00
		1	24	16.24	16.29	16.77	17.00
		12	0	16.79	16.05	16.37	17.00
		12	6	16.41	15.89	16.29	17.00
		12	13	16.40	16.13	16.82	17.00
		25	0	16.74	16.21	16.52	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	16.66	15.97	16.25	17.00
		1	25	16.46	16.17	16.33	17.00
		1	49	16.28	16.04	16.47	17.00
		25	0	16.71	16.19	16.37	17.00
		25	13	16.52	16.05	16.57	17.00
		25	25	16.36	16.29	16.62	17.00
		50	0	16.53	16.18	16.58	17.00
	16QAM	1	0	16.92	16.13	16.40	17.00
		1	25	16.67	16.10	16.70	17.00
		1	49	16.42	16.18	16.68	17.00
		25	0	16.64	16.11	16.49	17.00
		25	13	16.47	16.24	16.49	17.00
		25	25	16.37	16.00	16.54	17.00
		50	0	16.62	16.14	16.49	17.00
	64QAM	1	0	16.86	16.22	16.35	17.00
		1	25	16.59	16.21	16.43	17.00
		1	49	16.43	16.15	16.70	17.00
		25	0	16.60	16.19	16.31	17.00
		25	13	16.37	16.07	16.59	17.00
		25	25	16.32	16.17	16.66	17.00
		50	0	16.49	16.10	16.49	17.00
	256QAM	1	0	16.79	16.06	16.09	17.00
		1	25	16.69	16.19	16.73	17.00
		1	49	16.31	16.22	16.71	17.00



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		25	0	16.79	16.11	16.35	17.00
		25	13	16.49	15.99	16.36	17.00
		25	25	16.46	16.11	16.76	17.00
		50	0	16.64	16.19	16.52	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	16.76	16.06	16.31	17.00
		1	38	16.36	16.15	16.41	17.00
		1	74	16.37	16.13	16.57	17.00
		36	0	16.66	16.17	16.33	17.00
		36	18	16.62	16.14	16.47	17.00
		36	39	16.28	16.24	16.62	17.00
	16QAM	75	0	16.51	16.15	16.49	17.00
		1	0	16.88	16.10	16.33	17.00
		1	38	16.68	16.07	16.60	17.00
		1	74	16.39	16.16	16.76	17.00
		36	0	16.59	16.03	16.42	17.00
		36	18	16.51	16.16	16.50	17.00
	64QAM	36	39	16.33	16.10	16.62	17.00
		75	0	16.52	16.10	16.46	17.00
		1	0	16.79	16.16	16.42	17.00
		1	38	16.50	16.20	16.42	17.00
		1	74	16.39	16.22	16.65	17.00
		36	0	16.53	16.13	16.34	17.00
20MHz	QPSK	36	18	16.43	16.16	16.63	17.00
		36	39	16.40	16.15	16.56	17.00
		75	0	16.55	16.07	16.53	17.00
	16QAM	1	0	16.80	16.15	15.99	17.00
		1	38	16.72	16.19	16.64	17.00
		1	74	16.33	16.17	16.74	17.00
	64QAM	36	0	16.74	16.13	16.34	17.00
		36	18	16.52	16.08	16.43	17.00
		36	39	16.37	16.12	16.70	17.00
	256QAM	75	0	16.57	16.12	16.52	17.00
		1	0	16.71	16.14	16.21	17.00
		1	50	16.44	16.08	16.42	17.00
		1	99	16.36	16.10	16.65	17.00
		50	0	16.70	16.15	16.43	17.00
		50	25	16.55	16.11	16.52	17.00
20MHz	QPSK	50	50	16.38	16.18	16.60	17.00
		100	0	16.53	16.14	16.47	17.00
	16QAM	1	0	16.92	16.11	16.33	17.00
		1	50	16.59	16.12	16.58	17.00
		1	99	16.35	16.14	16.81	17.00
		50	0	16.64	16.13	16.41	17.00
	64QAM	50	25	16.46	16.10	16.51	17.00
		50	50	16.33	16.18	16.56	17.00
		100	0	16.46	16.12	16.47	17.00
	256QAM	1	0	16.78	16.24	16.41	17.00
		1	50	16.54	16.27	16.43	17.00
		1	99	16.33	16.20	16.68	17.00
		50	0	16.61	16.11	16.43	17.00
		50	25	16.50	16.08	16.53	17.00
		50	50	16.36	16.13	16.61	17.00
	256QAM	100	0	16.49	16.14	16.47	17.00
		1	0	16.84	16.14	16.06	17.00
		1	50	16.66	16.28	16.56	17.00
		1	99	16.32	16.19	16.67	17.00
		50	0	16.66	16.10	16.41	17.00



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		50	25	16.53	16.08	16.51	17.00
		50	50	16.31	16.15	16.60	17.00
		100	0	16.49	16.12	16.47	17.00

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	21.00
		1	13	20.64	20.15	20.30	21.00
		1	24	20.50	20.23	20.45	21.00
		12	0	20.31	20.23	20.56	21.00
		12	6	20.59	20.22	20.63	21.00
		12	13	20.41	20.20	20.50	21.00
		25	0	20.34	20.11	20.52	21.00
	16QAM	1	0	20.47	20.43	20.62	21.00
		1	13	20.94	20.09	20.32	21.00
		1	24	20.51	20.19	20.55	21.00
		12	0	20.19	20.33	20.72	21.00
		12	6	20.82	20.12	20.34	21.00
		12	13	20.61	20.29	20.68	21.00
		25	0	20.30	20.15	20.58	21.00
	64QAM	1	0	20.35	20.13	20.46	21.00
		1	13	20.92	19.95	20.14	21.00
		1	24	20.57	20.16	20.45	21.00
		1	0	20.34	20.25	20.87	21.00
		12	0	20.69	20.24	20.24	21.00
		12	6	20.54	20.12	20.50	21.00
		12	13	20.34	20.01	20.52	21.00
	256QAM	25	0	20.39	20.35	20.51	21.00
		1	0	18.88	18.41	18.35	19.00
		1	13	18.64	18.20	18.53	19.00
		1	24	18.20	18.43	18.78	19.00
		12	0	18.94	18.12	18.15	19.00
		12	6	18.49	18.10	18.69	19.00
		12	13	18.29	17.89	18.75	19.00
		25	0	18.72	18.27	18.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20800	21100	21400	21.00
		1	25	20.67	20.20	20.24	21.00
		1	49	20.57	20.25	20.38	21.00
		1	0	20.28	20.15	20.66	21.00
		25	0	20.58	20.20	20.60	21.00
		25	13	20.37	20.19	20.47	21.00
		25	25	20.25	20.16	20.61	21.00
	16QAM	50	0	20.51	20.35	20.54	21.00
		1	0	20.89	20.07	20.32	21.00
		1	25	20.53	20.14	20.63	21.00
		1	49	20.28	20.34	20.79	21.00
		25	0	20.85	20.20	20.35	21.00
		25	13	20.54	20.22	20.58	21.00
		25	25	20.36	20.16	20.61	21.00
	64QAM	50	0	20.42	20.21	20.47	21.00
		1	0	20.88	20.00	20.19	21.00
		1	25	20.50	20.23	20.51	21.00
		1	49	20.28	20.19	20.89	21.00
		25	0	20.70	20.26	20.26	21.00
		25	13	20.59	20.12	20.49	21.00
		25	25	20.41	20.07	20.58	21.00
	256QAM	50	0	20.41	20.27	20.43	21.00
		1	0	18.87	18.34	18.40	19.00



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		1	25	18.55	18.14	18.57	19.00
		1	49	18.30	18.40	18.85	19.00
		25	0	18.87	18.22	18.19	19.00
		25	13	18.45	18.00	18.72	19.00
		25	25	18.38	17.99	18.73	19.00
		50	0	18.68	18.18	18.54	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.65	20.16	20.21	21.00
		1	38	20.52	20.18	20.33	21.00
		1	74	20.29	20.06	20.68	21.00
		36	0	20.59	20.27	20.58	21.00
		36	18	20.46	20.15	20.56	21.00
		36	39	20.35	20.13	20.56	21.00
		75	0	20.59	20.26	20.50	21.00
	16QAM	1	0	20.86	19.97	20.33	21.00
		1	38	20.62	20.13	20.54	21.00
		1	74	20.31	20.32	20.83	21.00
		36	0	20.80	20.22	20.32	21.00
		36	18	20.47	20.26	20.57	21.00
		36	39	20.28	20.18	20.58	21.00
		75	0	20.52	20.11	20.44	21.00
	64QAM	1	0	20.86	19.95	20.15	21.00
		1	38	20.55	20.33	20.56	21.00
		1	74	20.26	20.16	20.80	21.00
		36	0	20.75	20.27	20.35	21.00
		36	18	20.53	20.16	20.50	21.00
		36	39	20.44	20.11	20.60	21.00
		75	0	20.47	20.18	20.48	21.00
	256QAM	1	0	18.82	18.25	18.38	19.00
		1	38	18.59	18.22	18.51	19.00
		1	74	18.31	18.36	18.79	19.00
		36	0	18.77	18.15	18.24	19.00
		36	18	18.54	18.07	18.63	19.00
		36	39	18.43	18.08	18.65	19.00
		75	0	18.51	18.28	18.53	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20.75	20.16	20.28	21.00
		1	50	20.57	20.14	20.40	21.00
		1	99	20.31	20.13	20.70	21.00
		50	0	20.69	20.18	20.48	21.00
		50	25	20.56	20.16	20.57	21.00
		50	50	20.40	20.19	20.63	21.00
		100	0	20.55	20.18	20.53	21.00
	16QAM	1	0	20.94	20.07	20.43	21.00
		1	50	20.68	20.05	20.47	21.00
		1	99	20.41	20.25	20.78	21.00
		50	0	20.71	20.17	20.37	21.00
		50	25	20.57	20.17	20.48	21.00
		50	50	20.36	20.21	20.65	21.00
		100	0	20.55	20.17	20.45	21.00
	64QAM	1	0	20.91	20.00	20.12	21.00
		1	50	20.62	20.23	20.54	21.00
		1	99	20.24	20.11	20.73	21.00
		50	0	20.70	20.18	20.41	21.00
		50	25	20.56	20.15	20.49	21.00
		50	50	20.39	20.20	20.63	21.00
		100	0	20.53	20.18	20.55	21.00
	256QAM	1	0	18.81	18.18	18.29	19.00
		1	50	18.57	18.23	18.61	19.00



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		1	99	18.32	18.29	18.78	19.00
		50	0	18.68	18.18	18.33	19.00
		50	25	18.51	18.15	18.56	19.00
		50	50	18.36	18.18	18.65	19.00
		100	0	18.53	18.19	18.53	19.00

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	19.64	19.04	19.04	20.00
		1	13	19.52	19.31	19.44	20.00
		1	24	19.01	18.98	19.56	20.00
		12	0	19.74	19.20	19.54	20.00
		12	6	19.44	19.13	19.55	20.00
		12	13	19.38	19.14	19.65	20.00
		25	0	19.45	19.20	19.34	20.00
	16QAM	1	0	19.88	19.18	19.39	20.00
		1	13	19.64	19.26	19.46	20.00
		1	24	19.35	19.06	19.64	20.00
		12	0	19.59	19.20	19.34	20.00
		12	6	19.34	18.99	19.54	20.00
		12	13	19.24	19.06	19.85	20.00
		25	0	19.28	19.24	19.56	20.00
	64QAM	1	0	19.82	19.19	19.20	20.00
		1	13	19.38	19.04	19.42	20.00
		1	24	19.32	19.03	19.80	20.00
		12	0	19.68	19.05	19.24	20.00
		12	6	19.35	19.15	19.42	20.00
		12	13	19.33	19.22	19.75	20.00
		25	0	19.42	19.26	19.54	20.00
	256QAM	1	0	18.76	18.37	18.17	19.00
		1	13	18.68	18.38	18.60	19.00
		1	24	18.47	18.29	18.70	19.00
		12	0	18.54	18.26	18.46	19.00
		12	6	18.52	18.23	18.45	19.00
		12	13	18.19	18.13	18.63	19.00
		25	0	18.32	18.07	18.62	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	19.74	19.12	19.02	20.00
		1	25	19.50	19.23	19.53	20.00
		1	49	19.11	19.08	19.62	20.00
		25	0	19.72	19.28	19.50	20.00
		25	13	19.39	19.10	19.50	20.00
		25	25	19.37	19.14	19.72	20.00
		50	0	19.36	19.16	19.41	20.00
	16QAM	1	0	19.90	19.25	19.30	20.00
		1	25	19.68	19.20	19.53	20.00
		1	49	19.44	19.03	19.55	20.00
		25	0	19.64	19.24	19.27	20.00
		25	13	19.40	18.99	19.58	20.00
		25	25	19.24	19.10	19.76	20.00
		50	0	19.38	19.18	19.55	20.00
	64QAM	1	0	19.74	19.11	19.30	20.00
		1	25	19.47	19.05	19.43	20.00
		1	49	19.31	19.07	19.77	20.00
		25	0	19.72	18.96	19.27	20.00
		25	13	19.41	19.16	19.49	20.00
		25	25	19.23	19.12	19.77	20.00



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		50	0	19.51	19.26	19.58	20.00
	256QAM	1	0	18.82	18.33	18.21	19.00
		1	25	18.64	18.41	18.57	19.00
		1	49	18.40	18.32	18.70	19.00
		25	0	18.52	18.34	18.39	19.00
		25	13	18.51	18.16	18.45	19.00
		25	25	18.19	18.15	18.70	19.00
		50	0	18.35	18.08	18.61	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.77	19.11	19.10	20.00
		1	38	19.57	19.22	19.59	20.00
		1	74	19.11	19.13	19.71	20.00
		36	0	19.72	19.20	19.50	20.00
		36	18	19.47	19.08	19.46	20.00
		36	39	19.47	19.12	19.75	20.00
		75	0	19.44	19.11	19.43	20.00
	16QAM	1	0	19.89	19.23	19.29	20.00
		1	38	19.59	19.20	19.57	20.00
		1	74	19.34	19.10	19.64	20.00
		36	0	19.70	19.23	19.34	20.00
		36	18	19.42	19.02	19.48	20.00
		36	39	19.30	19.09	19.66	20.00
		75	0	19.41	19.20	19.48	20.00
	64QAM	1	0	19.84	19.12	19.36	20.00
		1	38	19.48	19.07	19.53	20.00
		1	74	19.30	19.03	19.70	20.00
		36	0	19.65	19.05	19.37	20.00
		36	18	19.47	19.16	19.56	20.00
		36	39	19.28	19.08	19.68	20.00
		75	0	19.55	19.18	19.51	20.00
	256QAM	1	0	18.89	18.29	18.19	19.00
		1	38	18.56	18.34	18.65	19.00
		1	74	18.39	18.24	18.76	19.00
		36	0	18.56	18.25	18.46	19.00
		36	18	18.44	18.08	18.39	19.00
		36	39	18.27	18.15	18.70	19.00
		75	0	18.45	18.08	18.59	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	19.70	19.19	19.18	20.00
		1	50	19.47	19.12	19.55	20.00
		1	99	19.17	19.12	19.70	20.00
		50	0	19.64	19.18	19.44	20.00
		50	25	19.55	19.12	19.55	20.00
		50	50	19.37	19.18	19.66	20.00
		100	0	19.52	19.17	19.52	20.00
	16QAM	1	0	19.98	19.23	19.30	20.00
		1	50	19.61	19.28	19.50	20.00
		1	99	19.32	19.20	19.61	20.00
		50	0	19.60	19.13	19.44	20.00
		50	25	19.47	19.09	19.47	20.00
		50	50	19.35	19.15	19.62	20.00
		100	0	19.46	19.14	19.42	20.00
	64QAM	1	0	19.83	19.20	19.28	20.00
		1	50	19.52	19.01	19.47	20.00
		1	99	19.30	19.12	19.72	20.00
		50	0	19.64	19.15	19.45	20.00
		50	25	19.53	19.11	19.53	20.00
		50	50	19.37	19.15	19.63	20.00
		100	0	19.53	19.15	19.53	20.00



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	256QAM	1	0	18.91	18.24	18.22	19.00
		1	50	18.62	18.28	18.61	19.00
		1	99	18.38	18.26	18.69	19.00
		50	0	18.66	18.15	18.44	19.00
		50	25	18.50	18.13	18.45	19.00
		50	50	18.32	18.17	18.61	19.00
		100	0	18.51	18.17	18.51	19.00

LTE Band 38 DS11				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	21.32	21.24	21.24	22.00
		1	13	21.30	21.36	21.30	22.00
		1	24	21.34	21.32	21.41	22.00
		12	0	21.45	21.35	21.27	22.00
		12	6	21.30	21.28	21.32	22.00
		12	13	21.30	21.31	21.40	22.00
		25	0	21.40	21.33	21.36	22.00
	16QAM	1	0	21.13	21.12	21.07	22.00
		1	13	21.04	20.94	21.02	22.00
		1	24	20.80	20.83	20.80	22.00
		12	0	21.59	21.53	21.55	22.00
		12	6	21.33	21.43	21.40	22.00
		12	13	21.31	21.40	21.30	22.00
		25	0	21.18	21.28	21.25	22.00
	64QAM	1	0	20.73	20.71	20.63	22.00
		1	13	21.14	21.15	21.14	22.00
		1	24	20.76	20.86	20.88	22.00
		12	0	21.41	21.39	21.45	22.00
		12	6	21.47	21.48	21.54	22.00
		12	13	21.40	21.44	21.43	22.00
		25	0	21.43	21.33	21.28	22.00
	256QAM	1	0	18.98	19.01	18.96	20.00
		1	13	19.29	19.32	19.28	20.00
		1	24	19.19	19.19	19.18	20.00
		12	0	19.37	19.35	19.36	20.00
		12	6	19.37	19.38	19.36	20.00
		12	13	19.27	19.31	19.41	20.00
		25	0	19.27	19.31	19.28	20.00
10MHz	QPSK	1	0	21.38	21.29	21.33	22.00
		1	25	21.39	21.45	21.47	22.00
		1	49	21.19	21.25	21.33	22.00
		25	0	21.35	21.40	21.34	22.00
		25	13	21.33	21.31	21.21	22.00
		25	25	21.29	21.37	21.43	22.00
		50	0	21.38	21.30	21.37	22.00
	16QAM	1	0	21.10	21.15	21.21	22.00
		1	25	20.82	20.88	20.92	22.00
		1	49	20.83	20.89	20.90	22.00
		25	0	21.51	21.43	21.33	22.00
		25	13	21.51	21.51	21.57	22.00
		25	25	21.34	21.42	21.44	22.00
		50	0	21.39	21.38	21.28	22.00
	64QAM	1	0	20.77	20.68	20.66	22.00
		1	25	21.10	21.06	21.03	22.00
		1	49	20.95	20.90	20.97	22.00
		25	0	21.41	21.48	21.38	22.00



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	256QAM	25	13	21.45	21.39	21.40	22.00
		25	25	21.51	21.53	21.43	22.00
		50	0	21.27	21.27	21.23	22.00
		1	0	18.90	18.91	18.96	20.00
		1	25	19.35	19.35	19.27	20.00
		1	49	19.27	19.26	19.16	20.00
		25	0	19.47	19.39	19.42	20.00
		25	13	19.43	19.46	19.54	20.00
		25	25	19.33	19.32	19.31	20.00
		50	0	19.42	19.36	19.42	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	21.14	21.24	21.27	22.00
		1	38	21.44	21.41	21.31	22.00
		1	74	21.30	21.30	21.29	22.00
		36	0	21.35	21.32	21.34	22.00
		36	18	21.27	21.37	21.43	22.00
		36	39	21.54	21.46	21.54	22.00
	16QAM	75	0	21.31	21.39	21.41	22.00
		1	0	21.08	21.10	21.05	22.00
		1	38	20.88	20.82	20.91	22.00
		1	74	20.83	20.84	20.88	22.00
		36	0	21.35	21.39	21.37	22.00
		36	18	21.54	21.48	21.52	22.00
	64QAM	36	39	21.45	21.51	21.48	22.00
		75	0	21.50	21.45	21.40	22.00
		1	0	20.74	20.77	20.79	22.00
		1	38	21.05	21.14	21.21	22.00
		1	74	20.89	20.94	20.94	22.00
		36	0	21.58	21.48	21.47	22.00
	256QAM	36	18	21.40	21.36	21.28	22.00
		36	39	21.60	21.52	21.61	22.00
		75	0	21.33	21.31	21.27	22.00
		1	0	18.93	18.99	18.99	20.00
		1	38	19.37	19.33	19.34	20.00
		1	74	19.21	19.24	19.17	20.00
20MHz	QPSK	36	0	19.30	19.33	19.23	20.00
		36	18	19.40	19.40	19.31	20.00
		36	39	19.49	19.40	19.42	20.00
		75	0	19.53	19.45	19.41	20.00
	16QAM	1	0	/	21.33	/	22.00
		1	50	/	21.40	/	22.00
		1	99	/	21.40	/	22.00
		50	0	/	21.37	/	22.00
		50	25	/	21.43	/	22.00
		50	50	/	21.44	/	22.00
	64QAM	100	0	/	21.41	/	22.00
		1	0	/	21.03	/	22.00
		1	50	/	20.76	/	22.00
		1	99	/	20.77	/	22.00
		50	0	/	21.39	/	22.00
		50	25	/	21.44	/	22.00
		50	50	/	21.46	/	22.00
		100	0	/	21.45	/	22.00
		1	0	/	20.81	/	22.00
		1	50	/	21.12	/	22.00
		1	99	/	20.91	/	22.00
		50	0	/	21.39	/	22.00
		50	25	/	21.46	/	22.00
		1	0	/	21.46	/	22.00
		1	50	/	21.46	/	22.00
		1	99	/	21.46	/	22.00
		50	0	/	21.46	/	22.00
		50	25	/	21.46	/	22.00



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		50	50	/	21.48	/	22.00
		100	0	/	21.40	/	22.00
	256QAM	1	0	/	19.03	/	20.00
		1	50	/	19.32	/	20.00
		1	99	/	19.31	/	20.00
		50	0	/	19.42	/	20.00
		50	25	/	19.46	/	20.00
		50	50	/	19.50	/	20.00
		100	0	/	19.41	/	20.00

LTE Band 38 DSI2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	23.46	23.38	23.28	24.00
		1	13	23.49	23.58	23.48	24.00
		1	24	23.50	23.41	23.41	24.00
		12	0	23.39	23.44	23.48	24.00
		12	6	23.37	23.41	23.42	24.00
		12	13	23.61	23.66	23.76	24.00
		25	0	23.29	23.37	23.45	24.00
	16QAM	1	0	22.94	22.94	22.91	24.00
		1	13	23.20	23.13	23.22	24.00
		1	24	23.08	23.07	23.10	24.00
		12	0	22.55	22.50	22.45	23.00
		12	6	22.48	22.55	22.61	23.00
		12	13	22.38	22.47	22.43	23.00
		25	0	22.61	22.51	22.51	23.00
	64QAM	1	0	21.54	21.62	21.67	23.00
		1	13	21.58	21.62	21.62	23.00
		1	24	21.87	21.83	21.88	23.00
		12	0	21.15	21.21	21.24	22.00
		12	6	21.41	21.48	21.42	22.00
		12	13	21.65	21.62	21.71	22.00
		25	0	21.44	21.48	21.42	22.00
	256QAM	1	0	19.23	19.23	19.25	20.00
		1	13	19.18	19.28	19.35	20.00
		1	24	19.26	19.32	19.41	20.00
		12	0	19.46	19.45	19.55	20.00
		12	6	19.36	19.46	19.49	20.00
		12	13	19.72	19.71	19.79	20.00
		25	0	19.25	19.34	19.31	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	23.38	23.33	23.35	24.00
		1	25	23.47	23.49	23.51	24.00
		1	49	23.32	23.33	23.40	24.00
		25	0	23.58	23.50	23.57	24.00
		25	13	23.58	23.49	23.58	24.00
		25	25	23.65	23.63	23.68	24.00
		50	0	23.22	23.30	23.38	24.00
	16QAM	1	0	22.80	22.87	22.81	24.00
		1	25	23.09	23.05	23.05	24.00
		1	49	23.09	23.16	23.13	24.00
		25	0	22.44	22.47	22.53	23.00
		25	13	22.40	22.46	22.53	23.00
		25	25	22.30	22.40	22.33	23.00
		50	0	22.48	22.50	22.48	23.00
	64QAM	1	0	21.64	21.70	21.78	23.00
		1	25	21.70	21.72	21.72	23.00



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		1	49	21.85	21.88	21.88	23.00
		25	0	21.15	21.23	21.32	22.00
		25	13	21.52	21.48	21.49	22.00
		25	25	21.46	21.52	21.54	22.00
		50	0	21.35	21.39	21.36	22.00
	256QAM	1	0	19.21	19.14	19.24	20.00
		1	25	19.19	19.21	19.21	20.00
		1	49	19.36	19.29	19.31	20.00
		25	0	19.47	19.47	19.49	20.00
		25	13	19.32	19.40	19.33	20.00
Bandwidth	Modulation	25	25	19.74	19.67	19.57	20.00
		50	0	19.43	19.33	19.29	20.00
				Channel	Channel	Channel	Tune up
15MHz	QPSK	37825		38000	38175		
		1	0	23.26	23.28	23.28	24.00
		1	38	23.40	23.47	23.40	24.00
		1	74	23.44	23.41	23.35	24.00
		36	0	23.36	23.45	23.49	24.00
		36	18	23.53	23.52	23.46	24.00
		36	39	23.53	23.53	23.54	24.00
		75	0	23.33	23.35	23.30	24.00
	16QAM	1	0	22.97	22.90	23.00	24.00
		1	38	23.20	23.10	23.04	24.00
		1	74	23.16	23.17	23.16	24.00
		36	0	22.54	22.49	22.40	23.00
		36	18	22.63	22.55	22.46	23.00
		36	39	22.49	22.40	22.33	23.00
		75	0	22.64	22.54	22.58	23.00
	64QAM	1	0	21.76	21.75	21.81	23.00
		1	38	21.58	21.68	21.77	23.00
		1	74	21.90	21.83	21.73	23.00
		36	0	21.32	21.32	21.33	22.00
		36	18	21.43	21.47	21.48	22.00
		36	39	21.55	21.50	21.55	22.00
		75	0	21.31	21.34	21.44	22.00
	256QAM	1	0	19.20	19.18	19.14	20.00
		1	38	19.29	19.25	19.19	20.00
		1	74	19.41	19.32	19.33	20.00
		36	0	19.48	19.44	19.53	20.00
		36	18	19.34	19.41	19.45	20.00
		36	39	19.53	19.60	19.53	20.00
		75	0	19.25	19.35	19.43	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	23.27	/	24.00
		1	50	/	23.37	/	24.00
		1	99	/	23.35	/	24.00
		50	0	/	23.38	/	24.00
		50	25	/	23.43	/	24.00
		50	50	/	23.46	/	24.00
		100	0	/	23.41	/	24.00
	16QAM	1	0	/	22.97	/	24.00
		1	50	/	23.01	/	24.00
		1	99	/	23.15	/	24.00
		50	0	/	22.40	/	23.00
		50	25	/	22.46	/	23.00
		50	50	/	22.47	/	23.00
		100	0	/	22.46	/	23.00
	64QAM	1	0	/	21.70	/	23.00
		1	50	/	21.60	/	23.00
		1	99	/	21.93	/	23.00



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		50	0	/	21.41	/	22.00
		50	25	/	21.46	/	22.00
		50	50	/	21.49	/	22.00
		100	0	/	21.41	/	22.00
	256QAM	1	0	/	19.12	/	20.00
		1	50	/	19.32	/	20.00
		1	99	/	19.22	/	20.00
		50	0	/	19.42	/	20.00
		50	25	/	19.48	/	20.00
		50	50	/	19.50	/	20.00
		100	0	/	19.41	/	20.00

LTE Band 38 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	22.28	22.28	22.36	23.00
		1	13	22.30	22.23	22.22	23.00
		1	24	22.25	22.34	22.25	23.00
		12	0	22.54	22.46	22.47	23.00
		12	6	22.28	22.29	22.31	23.00
		12	13	22.38	22.36	22.27	23.00
		25	0	22.54	22.48	22.47	23.00
	16QAM	1	0	22.09	22.12	22.03	23.00
		1	13	21.81	21.83	21.83	23.00
		1	24	22.18	22.21	22.12	23.00
		12	0	22.47	22.43	22.45	23.00
		12	6	22.50	22.48	22.51	23.00
		12	13	22.45	22.51	22.42	23.00
		25	0	22.46	22.37	22.37	23.00
	64QAM	1	0	21.64	21.70	21.72	23.00
		1	13	22.08	22.03	22.07	23.00
		1	24	21.90	21.90	21.87	23.00
		12	0	21.58	21.53	21.51	22.00
		12	6	21.39	21.40	21.40	22.00
		12	13	21.52	21.50	21.48	22.00
		25	0	21.61	21.51	21.46	22.00
	256QAM	1	0	19.07	19.16	19.12	20.00
		1	13	19.25	19.27	19.17	20.00
		1	24	19.45	19.54	19.48	20.00
		12	0	19.40	19.40	19.44	20.00
		12	6	19.42	19.38	19.35	20.00
		12	13	19.30	19.39	19.41	20.00
		25	0	19.66	19.56	19.56	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.43	22.34	22.35	23.00
		1	25	22.28	22.32	22.40	23.00
		1	49	22.19	22.28	22.33	23.00
		25	0	22.47	22.45	22.55	23.00
		25	13	22.38	22.39	22.46	23.00
		25	25	22.40	22.41	22.40	23.00
		50	0	22.61	22.56	22.57	23.00
	16QAM	1	0	22.15	22.07	22.11	23.00
		1	25	21.90	21.85	21.88	23.00
		1	49	22.08	22.13	22.18	23.00
		25	0	22.32	22.42	22.43	23.00
		25	13	22.62	22.54	22.64	23.00
		25	25	22.55	22.46	22.53	23.00
		50	0	22.30	22.34	22.32	23.00



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	64QAM	1	0	21.58	21.61	21.56	23.00
		1	25	21.94	21.98	22.00	23.00
		1	49	21.86	21.93	21.90	23.00
		25	0	21.57	21.47	21.50	22.00
		25	13	21.48	21.49	21.43	22.00
		25	25	21.53	21.53	21.49	22.00
	256QAM	50	0	21.47	21.55	21.64	22.00
		1	0	19.17	19.13	19.05	20.00
		1	25	19.14	19.21	19.16	20.00
		1	49	19.51	19.49	19.47	20.00
		25	0	19.37	19.47	19.40	20.00
		25	13	19.31	19.32	19.34	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	22.32	22.35	22.34	23.00
		1	38	22.34	22.39	22.40	23.00
		1	74	22.29	22.30	22.31	23.00
		36	0	22.41	22.38	22.47	23.00
		36	18	22.33	22.38	22.35	23.00
		36	39	22.42	22.45	22.43	23.00
	16QAM	75	0	22.57	22.48	22.51	23.00
		1	0	22.18	22.17	22.19	23.00
		1	38	21.79	21.76	21.85	23.00
		1	74	22.01	22.03	22.10	23.00
		36	0	22.34	22.37	22.43	23.00
		36	18	22.54	22.46	22.48	23.00
	64QAM	36	39	22.57	22.49	22.52	23.00
		75	0	22.33	22.36	22.34	23.00
		1	0	21.57	21.55	21.53	23.00
		1	38	21.84	21.94	21.94	23.00
		1	74	21.96	21.91	21.98	23.00
		36	0	21.45	21.38	21.43	22.00
	256QAM	36	18	21.64	21.55	21.65	22.00
		36	39	21.63	21.58	21.53	22.00
		75	0	21.56	21.47	21.43	22.00
		1	0	19.23	19.16	19.16	20.00
		1	38	19.33	19.23	19.26	20.00
		1	74	19.42	19.40	19.38	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	22.32	/	23.00
		1	50	/	22.38	/	23.00
		1	99	/	22.39	/	23.00
		50	0	/	22.40	/	23.00
		50	25	/	22.43	/	23.00
		50	50	/	22.46	/	23.00
	16QAM	100	0	/	22.42	/	23.00
		1	0	/	22.09	/	23.00
		1	50	/	21.80	/	23.00
		1	99	/	21.94	/	23.00
		50	0	/	22.41	/	23.00
		50	25	/	22.46	/	23.00
	64QAM	50	50	/	22.49	/	23.00
		100	0	/	22.45	/	23.00
		1	0	/	21.45	/	23.00



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