

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

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		25	25	21.11	21.08	20.86	22.50
		50	0	21.05	21.16	20.92	22.50
	16QAM	1	0	21.08	20.98	20.89	22.50
		1	25	21.15	20.95	20.79	22.50
		1	49	20.97	21.22	20.58	22.50
		25	0	20.12	20.21	19.88	21.50
		25	13	20.10	20.17	19.97	21.50
		25	25	20.04	20.05	19.80	21.50
		50	0	20.05	20.08	19.92	21.50
		1	0	20.02	20.16	20.11	21.50
	64QAM	1	25	20.12	19.92	19.76	21.50
		1	49	20.31	19.91	20.00	21.50
		25	0	19.04	19.07	19.00	20.50
		25	13	19.13	19.24	19.02	20.50
		25	25	19.08	19.09	18.88	20.50
		50	0	19.12	19.22	18.87	20.50
		1	0	17.40	17.15	17.30	18.50
	256QAM	1	25	16.86	17.22	16.98	18.50
		1	49	16.92	17.02	17.02	18.50
		25	0	17.15	17.31	16.74	18.50
		25	13	17.30	17.11	17.06	18.50
		25	25	17.16	17.34	16.98	18.50
		50	0	17.31	17.26	17.10	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.02	22.13	21.99	23.50
		1	38	22.04	21.97	21.81	23.50
		1	74	22.06	22.04	21.79	23.50
		36	0	21.05	21.23	20.98	22.50
		36	18	21.08	21.16	20.89	22.50
		36	39	21.16	21.06	20.86	22.50
		75	0	21.04	21.17	20.91	22.50
	16QAM	1	0	21.04	20.98	20.87	22.50
		1	38	21.12	20.96	20.81	22.50
		1	74	20.97	21.24	20.54	22.50
		36	0	20.11	20.21	19.93	21.50
		36	18	20.07	20.12	19.99	21.50
		36	39	19.99	20.07	19.76	21.50
		75	0	19.99	20.13	19.90	21.50



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Shenzhen Branch Testing & Calibration Laboratory

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		1	0	20.06	20.10	20.13	21.50
		1	38	20.17	19.88	19.76	21.50
		1	74	20.28	19.87	20.04	21.50
	64QAM	36	0	19.04	19.10	19.00	20.50
		36	18	19.08	19.25	19.05	20.50
		36	39	19.06	19.09	18.83	20.50
		75	0	19.09	19.21	18.87	20.50
		1	0	17.40	17.13	17.24	18.50
		1	38	16.85	17.20	16.99	18.50
		1	74	16.97	17.00	17.07	18.50
	256QAM	36	0	17.17	17.29	16.82	18.50
		36	18	17.24	17.11	17.06	18.50
		36	39	17.17	17.28	16.98	18.50
		75	0	17.33	17.24	17.13	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.03	22.17	22.00	23.50
		1	50	22.10	22.00	21.89	23.50
		1	99	22.12	22.11	21.88	23.50
		50	0	21.13	21.25	21.06	22.50
		50	25	21.09	21.18	20.98	22.50
		50	50	21.20	21.12	20.88	22.50
		100	0	21.06	21.23	20.93	22.50
	16QAM	1	0	21.11	21.06	20.93	22.50
		1	50	21.16	20.98	20.86	22.50
		1	99	21.02	21.27	20.63	22.50
		50	0	20.17	20.27	19.97	21.50
		50	25	20.15	20.20	20.01	21.50
		50	50	20.07	20.10	19.84	21.50
		100	0	20.06	20.17	19.99	21.50
	64QAM	1	0	20.10	20.19	20.18	21.50
		1	50	20.21	19.97	19.79	21.50
		1	99	20.36	19.96	20.05	21.50
		50	0	19.12	19.15	19.03	20.50
		50	25	19.16	19.27	19.08	20.50
		50	50	19.15	19.10	18.90	20.50
		100	0	19.17	19.26	18.95	20.50
	256QAM	1	0	17.42	17.22	17.32	18.50
		1	50	16.89	17.23	17.07	18.50



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		1	99	17.00	17.06	17.08	18.50
		50	0	17.22	17.33	16.83	18.50
		50	25	17.32	17.18	17.13	18.50
		50	50	17.24	17.35	17.07	18.50
		100	0	17.35	17.29	17.19	18.50



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LTE Band 7 DS12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.92	18.02	17.94	19.50
		1	13	18.13	18.11	17.99	19.50
		1	24	18.08	18.03	17.76	19.50
		12	0	18.05	18.20	18.09	19.50
		12	6	18.11	18.21	18.03	19.50
		12	13	18.23	18.05	17.87	19.50
		25	0	18.10	18.25	18.06	19.50
	16QAM	1	0	17.75	18.21	18.02	19.50
		1	13	18.25	18.18	18.10	19.50
		1	24	18.22	18.23	17.72	19.50
		12	0	18.07	18.22	18.09	19.50
		12	6	18.17	18.16	17.98	19.50
		12	13	18.08	18.13	17.89	19.50
		25	0	18.21	18.18	18.02	19.50
	64QAM	1	0	18.02	18.35	18.05	19.50
		1	13	18.25	18.16	17.61	19.50
		1	24	18.22	17.86	17.85	19.50
		12	0	18.15	18.17	18.01	19.50
		12	6	18.23	18.10	17.99	19.50
		12	13	18.11	18.02	17.88	19.50
		25	0	18.23	18.20	17.96	19.50
	256QAM	1	0	16.95	17.17	17.41	18.50
		1	13	17.15	17.12	16.94	18.50
		1	24	17.22	16.93	17.05	18.50
		12	0	17.27	17.20	17.15	18.50
		12	6	17.26	17.20	16.99	18.50
		12	13	17.16	17.18	16.84	18.50
		25	0	17.10	17.20	17.08	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.89	18.10	17.97	19.50
		1	25	18.09	18.08	17.92	19.50
		1	49	18.08	18.05	17.73	19.50
		25	0	18.10	18.25	18.08	19.50
		25	13	18.17	18.21	17.98	19.50



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		25	25	18.25	18.05	17.85	19.50
		50	0	18.14	18.28	18.07	19.50
	16QAM	1	0	17.81	18.21	17.99	19.50
		1	25	18.26	18.22	18.02	19.50
		1	49	18.18	18.26	17.76	19.50
		25	0	18.11	18.18	18.01	19.50
		25	13	18.20	18.11	17.96	19.50
		25	25	18.13	18.10	17.88	19.50
		50	0	18.19	18.23	17.97	19.50
		1	0	18.06	18.36	18.05	19.50
	64QAM	1	25	18.24	18.12	17.62	19.50
		1	49	18.22	17.93	17.92	19.50
		25	0	18.12	18.15	18.03	19.50
		25	13	18.22	18.05	17.96	19.50
		25	25	18.14	18.02	17.88	19.50
		50	0	18.25	18.20	17.97	19.50
		1	0	16.90	17.15	17.45	18.50
	256QAM	1	25	17.13	17.19	16.91	18.50
		1	49	17.20	16.91	17.08	18.50
		25	0	17.24	17.18	17.15	18.50
		25	13	17.27	17.14	16.99	18.50
		25	25	17.11	17.23	16.84	18.50
		50	0	17.15	17.20	17.12	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.92	18.04	17.95	19.50
		1	38	18.12	18.07	17.93	19.50
		1	74	18.03	18.06	17.73	19.50
		36	0	18.09	18.19	18.03	19.50
		36	18	18.18	18.26	18.01	19.50
		36	39	18.18	18.05	17.87	19.50
		75	0	18.15	18.26	18.04	19.50
	16QAM	1	0	17.79	18.21	18.02	19.50
		1	38	18.21	18.20	18.10	19.50
		1	74	18.19	18.23	17.74	19.50
		36	0	18.07	18.15	18.05	19.50
		36	18	18.20	18.16	18.00	19.50
		36	39	18.15	18.09	17.86	19.50
		75	0	18.20	18.17	18.03	19.50



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	64QAM	1	0	18.04	18.39	18.04	19.50
		1	38	18.24	18.09	17.62	19.50
		1	74	18.17	17.88	17.91	19.50
		36	0	18.13	18.18	18.04	19.50
		36	18	18.23	18.08	17.95	19.50
		36	39	18.10	18.03	17.82	19.50
		75	0	18.23	18.19	17.96	19.50
	256QAM	1	0	16.95	17.18	17.43	18.50
		1	38	17.15	17.20	16.98	18.50
		1	74	17.23	16.95	17.05	18.50
		36	0	17.25	17.25	17.19	18.50
		36	18	17.28	17.16	16.99	18.50
		36	39	17.10	17.22	16.87	18.50
		75	0	17.15	17.13	17.08	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.98	18.11	18.02	19.50
		1	50	18.14	18.15	18.00	19.50
		1	99	18.09	18.09	17.81	19.50
		50	0	18.13	18.26	18.11	19.50
		50	25	18.20	18.27	18.05	19.50
		50	50	18.26	18.10	17.94	19.50
		100	0	18.16	18.30	18.08	19.50
	16QAM	1	0	17.83	18.23	18.03	19.50
		1	50	18.30	18.27	18.11	19.50
		1	99	18.24	18.28	17.78	19.50
		50	0	18.16	18.24	18.10	19.50
		50	25	18.21	18.20	18.04	19.50
		50	50	18.17	18.15	17.94	19.50
		100	0	18.25	18.25	18.04	19.50
	64QAM	1	0	18.11	18.41	18.12	19.50
		1	50	18.29	18.17	17.64	19.50
		1	99	18.24	17.95	17.93	19.50
		50	0	18.17	18.21	18.10	19.50
		50	25	18.30	18.13	18.04	19.50
		50	50	18.16	18.11	17.91	19.50
		100	0	18.27	18.22	17.99	19.50
	256QAM	1	0	16.99	17.21	17.49	18.50
		1	50	17.17	17.21	16.99	18.50



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		1	99	17.29	16.96	17.10	18.50
		50	0	17.28	17.26	17.22	18.50
		50	25	17.30	17.22	17.06	18.50
		50	50	17.18	17.27	16.90	18.50
		100	0	17.16	17.22	17.13	18.50



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LTE Band 7 DS13/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.53	17.58	17.41	19.00
		1	13	17.58	17.48	17.35	19.00
		1	24	17.67	17.43	17.12	19.00
		12	0	17.63	17.67	17.42	19.00
		12	6	17.68	17.39	17.29	19.00
		12	13	17.60	17.53	17.14	19.00
		25	0	17.52	17.49	17.48	19.00
	16QAM	1	0	17.60	17.69	17.49	19.00
		1	13	17.78	17.58	17.46	19.00
		1	24	17.46	17.57	17.35	19.00
		12	0	17.53	17.69	17.56	19.00
		12	6	17.65	17.47	17.56	19.00
		12	13	17.54	17.63	17.27	19.00
		25	0	17.54	17.54	17.46	19.00
	64QAM	1	0	17.30	17.56	17.54	19.00
		1	13	17.55	17.43	17.46	19.00
		1	24	17.58	17.74	17.31	19.00
		12	0	17.54	17.61	17.38	19.00
		12	6	17.64	17.59	17.48	19.00
		12	13	17.53	17.48	17.19	19.00
		25	0	17.58	17.46	17.45	19.00
	256QAM	1	0	17.11	17.04	16.73	18.50
		1	13	16.55	16.95	16.79	18.50
		1	24	17.08	16.99	17.48	18.50
		12	0	17.06	17.12	16.87	18.50
		12	6	17.12	17.10	16.90	18.50
		12	13	17.09	17.14	16.85	18.50
		25	0	17.11	17.19	16.90	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.56	17.63	17.46	19.00
		1	25	17.64	17.56	17.35	19.00
		1	49	17.63	17.56	17.10	19.00
		25	0	17.71	17.68	17.49	19.00
		25	13	17.72	17.50	17.36	19.00



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		25	25	17.65	17.64	17.27	19.00
		50	0	17.61	17.60	17.45	19.00
	16QAM	1	0	17.61	17.71	17.47	19.00
		1	25	17.84	17.68	17.47	19.00
		1	49	17.49	17.61	17.41	19.00
		25	0	17.51	17.65	17.59	19.00
		25	13	17.69	17.53	17.57	19.00
		25	25	17.60	17.73	17.31	19.00
		50	0	17.59	17.62	17.47	19.00
		1	0	17.38	17.63	17.61	19.00
	64QAM	1	25	17.52	17.46	17.56	19.00
		1	49	17.62	17.71	17.40	19.00
		25	0	17.61	17.69	17.43	19.00
		25	13	17.71	17.59	17.49	19.00
		25	25	17.62	17.58	17.32	19.00
		50	0	17.65	17.52	17.46	19.00
		1	0	17.17	17.14	16.83	18.50
	256QAM	1	25	16.51	17.03	16.89	18.50
		1	49	17.10	17.15	17.44	18.50
		25	0	17.17	17.14	16.89	18.50
		25	13	17.13	17.10	17.03	18.50
		25	25	17.12	17.17	16.88	18.50
		50	0	17.12	17.20	17.01	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.55	17.60	17.46	19.00
		1	38	17.60	17.52	17.37	19.00
		1	74	17.68	17.50	17.12	19.00
		36	0	17.71	17.69	17.47	19.00
		36	18	17.67	17.50	17.34	19.00
		36	39	17.68	17.60	17.24	19.00
		75	0	17.56	17.55	17.49	19.00
	16QAM	1	0	17.60	17.68	17.48	19.00
		1	38	17.81	17.70	17.50	19.00
		1	74	17.54	17.57	17.37	19.00
		36	0	17.53	17.68	17.59	19.00
		36	18	17.68	17.57	17.55	19.00
		36	39	17.66	17.71	17.29	19.00
		75	0	17.54	17.61	17.41	19.00



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	64QAM	1	0	17.37	17.66	17.58	19.00
		1	38	17.52	17.49	17.57	19.00
		1	74	17.62	17.76	17.33	19.00
		36	0	17.57	17.65	17.45	19.00
		36	18	17.71	17.55	17.54	19.00
		36	39	17.58	17.52	17.24	19.00
		75	0	17.61	17.55	17.51	19.00
	256QAM	1	0	17.18	17.07	16.88	18.50
		1	38	16.54	17.04	16.90	18.50
		1	74	17.13	17.15	17.44	18.50
		36	0	17.15	17.13	16.96	18.50
		36	18	17.20	17.13	17.03	18.50
		36	39	17.17	17.11	16.95	18.50
		75	0	17.18	17.19	16.99	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.63	17.67	17.49	19.00
		1	50	17.65	17.61	17.40	19.00
		1	99	17.69	17.58	17.16	19.00
		50	0	17.73	17.70	17.54	19.00
		50	25	17.73	17.55	17.40	19.00
		50	50	17.74	17.66	17.31	19.00
		100	0	17.64	17.64	17.52	19.00
	16QAM	1	0	17.69	17.76	17.52	19.00
		1	50	17.85	17.73	17.53	19.00
		1	99	17.57	17.63	17.42	19.00
		50	0	17.60	17.73	17.61	19.00
		50	25	17.73	17.60	17.58	19.00
		50	50	17.69	17.74	17.34	19.00
		100	0	17.61	17.66	17.48	19.00
	64QAM	1	0	17.45	17.69	17.63	19.00
		1	50	17.59	17.55	17.61	19.00
		1	99	17.70	17.78	17.42	19.00
		50	0	17.62	17.72	17.49	19.00
		50	25	17.72	17.64	17.58	19.00
		50	50	17.66	17.59	17.33	19.00
		100	0	17.69	17.57	17.53	19.00
	256QAM	1	0	17.19	17.16	16.90	18.50
		1	50	16.60	17.09	16.91	18.50



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		1	99	17.18	17.16	17.53	18.50
		50	0	17.20	17.20	16.98	18.50
		50	25	17.21	17.17	17.05	18.50
		50	50	17.21	17.20	16.96	18.50
		100	0	17.20	17.25	17.08	18.50



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LTE Band 7 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.55	16.56	16.51	18.00
		1	13	16.67	16.52	16.39	18.00
		1	24	16.67	16.42	16.37	18.00
		12	0	16.67	16.71	16.48	18.00
		12	6	16.63	16.58	16.48	18.00
		12	13	16.58	16.64	16.35	18.00
		25	0	16.61	16.55	16.47	18.00
	16QAM	1	0	16.89	16.74	16.44	18.00
		1	13	16.87	16.65	16.54	18.00
		1	24	16.75	16.48	16.42	18.00
		12	0	16.55	16.65	16.50	18.00
		12	6	16.71	16.57	16.47	18.00
		12	13	16.73	16.57	16.26	18.00
		25	0	16.74	16.65	16.46	18.00
	64QAM	1	0	16.42	16.71	16.62	18.00
		1	13	16.76	16.53	16.58	18.00
		1	24	16.77	16.78	16.41	18.00
		12	0	16.67	16.70	16.54	18.00
		12	6	16.75	16.66	16.42	18.00
		12	13	16.68	16.66	16.35	18.00
		25	0	16.65	16.59	16.40	18.00
	256QAM	1	0	16.45	16.81	16.59	18.00
		1	13	16.13	16.75	16.42	18.00
		1	24	16.62	16.61	16.64	18.00
		12	0	16.53	16.65	16.74	18.00
		12	6	16.61	16.65	16.46	18.00
		12	13	16.71	16.67	16.51	18.00
		25	0	16.73	16.64	16.56	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	16.57	16.53	16.51	18.00
		1	25	16.64	16.49	16.33	18.00
		1	49	16.65	16.42	16.35	18.00
		25	0	16.71	16.65	16.53	18.00
		25	13	16.60	16.58	16.48	18.00



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		25	25	16.65	16.62	16.40	18.00
		50	0	16.59	16.52	16.53	18.00
	16QAM	1	0	16.91	16.78	16.44	18.00
		1	25	16.90	16.60	16.60	18.00
		1	49	16.75	16.52	16.39	18.00
		25	0	16.50	16.64	16.55	18.00
		25	13	16.70	16.56	16.52	18.00
		25	25	16.76	16.59	16.28	18.00
		50	0	16.71	16.63	16.43	18.00
		1	0	16.45	16.66	16.59	18.00
	64QAM	1	25	16.78	16.57	16.58	18.00
		1	49	16.76	16.75	16.44	18.00
		25	0	16.65	16.70	16.51	18.00
		25	13	16.72	16.66	16.43	18.00
		25	25	16.61	16.65	16.36	18.00
		50	0	16.67	16.56	16.43	18.00
		1	0	16.42	16.80	16.51	18.00
	256QAM	1	25	16.13	16.74	16.43	18.00
		1	49	16.65	16.68	16.62	18.00
		25	0	16.56	16.70	16.74	18.00
		25	13	16.63	16.63	16.43	18.00
		25	25	16.68	16.66	16.53	18.00
		50	0	16.73	16.62	16.55	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.56	16.57	16.48	18.00
		1	38	16.67	16.50	16.39	18.00
		1	74	16.72	16.35	16.35	18.00
		36	0	16.72	16.69	16.55	18.00
		36	18	16.64	16.58	16.43	18.00
		36	39	16.60	16.69	16.33	18.00
		75	0	16.61	16.58	16.49	18.00
	16QAM	1	0	16.87	16.76	16.51	18.00
		1	38	16.87	16.62	16.56	18.00
		1	74	16.69	16.52	16.39	18.00
		36	0	16.50	16.66	16.55	18.00
		36	18	16.68	16.58	16.53	18.00
		36	39	16.73	16.61	16.30	18.00
		75	0	16.67	16.66	16.46	18.00



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	64QAM	1	0	16.46	16.67	16.63	18.00
		1	38	16.77	16.52	16.59	18.00
		1	74	16.76	16.74	16.45	18.00
		36	0	16.65	16.75	16.50	18.00
		36	18	16.70	16.60	16.46	18.00
		36	39	16.63	16.66	16.36	18.00
		75	0	16.60	16.60	16.41	18.00
	256QAM	1	0	16.39	16.79	16.51	18.00
		1	38	16.09	16.78	16.41	18.00
		1	74	16.67	16.63	16.65	18.00
		36	0	16.53	16.65	16.73	18.00
		36	18	16.59	16.67	16.44	18.00
		36	39	16.64	16.64	16.55	18.00
		75	0	16.70	16.65	16.58	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.59	16.62	16.56	18.00
		1	50	16.72	16.57	16.42	18.00
		1	99	16.73	16.43	16.38	18.00
		50	0	16.75	16.73	16.56	18.00
		50	25	16.69	16.62	16.49	18.00
		50	50	16.67	16.71	16.41	18.00
		100	0	16.65	16.61	16.54	18.00
	16QAM	1	0	16.93	16.79	16.52	18.00
		1	50	16.93	16.68	16.63	18.00
		1	99	16.77	16.53	16.43	18.00
		50	0	16.56	16.72	16.58	18.00
		50	25	16.72	16.64	16.55	18.00
		50	50	16.77	16.63	16.35	18.00
		100	0	16.75	16.70	16.52	18.00
	64QAM	1	0	16.50	16.73	16.67	18.00
		1	50	16.82	16.59	16.60	18.00
		1	99	16.82	16.81	16.49	18.00
		50	0	16.69	16.78	16.56	18.00
		50	25	16.76	16.68	16.48	18.00
		50	50	16.69	16.69	16.37	18.00
		100	0	16.69	16.65	16.48	18.00
	256QAM	1	0	16.47	16.84	16.60	18.00
		1	50	16.17	16.79	16.46	18.00



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		1	99	16.68	16.70	16.70	18.00
		50	0	16.59	16.72	16.77	18.00
		50	25	16.66	16.69	16.47	18.00
		50	50	16.73	16.72	16.56	18.00
		100	0	16.74	16.69	16.59	18.00



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LTE Band 66 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.55	22.54	22.52	24.00
		1	2	22.45	22.59	22.53	24.00
		1	5	22.54	22.81	22.81	24.00
		3	0	22.51	22.76	22.84	24.00
		3	1	22.51	22.82	22.84	24.00
		3	3	22.48	22.81	22.87	24.00
		6	0	21.76	21.77	21.83	23.00
	16QAM	1	0	21.80	21.56	21.88	23.00
		1	2	21.52	21.64	21.80	23.00
		1	5	21.83	21.40	21.69	23.00
		3	0	21.81	21.36	21.68	23.00
		3	1	21.84	21.40	21.66	23.00
		3	3	21.83	21.42	21.65	23.00
		6	0	20.78	20.68	20.73	22.00
	64QAM	1	0	21.46	20.85	20.65	22.00
		1	2	21.21	20.77	20.81	22.00
		1	5	21.90	21.05	21.15	22.00
		3	0	21.90	20.98	21.15	22.00
		3	1	21.87	21.01	21.13	22.00
		3	3	21.93	21.05	21.14	22.00
		6	0	20.70	19.79	19.77	21.00
	256QAM	1	0	17.70	17.77	17.41	19.00
		1	2	17.61	17.32	17.35	19.00
		1	5	18.68	17.65	18.58	19.00
		3	0	17.14	17.44	17.78	19.00
		3	1	17.78	17.74	17.81	19.00
		3	3	17.72	17.89	17.84	19.00
		6	0	17.75	17.83	17.84	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	22.54	22.55	22.52	24.00
		1	7	22.45	22.62	22.51	24.00
		1	14	22.51	22.82	22.88	24.00
		8	0	21.79	21.76	21.69	23.00
		8	4	21.80	21.77	21.88	23.00



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		8	7	21.85	21.88	21.95	23.00
		15	0	21.74	21.84	21.77	23.00
	16QAM	1	0	21.82	21.60	21.84	23.00
		1	7	21.54	21.62	21.87	23.00
		1	14	21.87	21.42	21.66	23.00
		8	0	20.73	20.74	20.53	22.00
		8	4	20.81	20.74	20.66	22.00
		8	7	20.84	20.82	20.92	22.00
		15	0	20.73	20.71	20.75	22.00
		1	0	21.44	20.89	20.68	22.00
	64QAM	1	7	21.25	20.73	20.77	22.00
		1	14	21.94	21.01	21.16	22.00
		8	0	20.82	19.55	19.75	21.00
		8	4	20.74	19.68	19.94	21.00
		8	7	20.89	19.79	19.98	21.00
		15	0	20.72	19.79	19.84	21.00
		1	0	17.70	17.73	17.42	19.00
	256QAM	1	7	17.61	17.34	17.33	19.00
		1	14	18.70	17.63	18.62	19.00
		8	0	17.12	17.42	17.80	19.00
		8	4	17.84	17.72	17.79	19.00
		8	7	17.71	17.87	17.86	19.00
		15	0	17.76	17.76	17.86	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	22.54	22.57	22.57	24.00
		1	13	22.40	22.58	22.55	24.00
		1	24	22.46	22.84	22.82	24.00
		12	0	21.83	21.78	21.69	23.00
		12	6	21.80	21.78	21.84	23.00
		12	13	21.81	21.84	21.90	23.00
		25	0	21.80	21.79	21.79	23.00
	16QAM	1	0	21.80	21.62	21.87	23.00
		1	13	21.54	21.64	21.86	23.00
		1	24	21.79	21.38	21.71	23.00
		12	0	20.75	20.72	20.54	22.00
		12	6	20.80	20.79	20.65	22.00
		12	13	20.83	20.79	20.93	22.00
		25	0	20.72	20.71	20.73	22.00



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	64QAM	1	0	21.47	20.88	20.71	22.00
		1	13	21.17	20.75	20.77	22.00
		1	24	21.88	21.05	21.13	22.00
		12	0	20.74	19.58	19.78	21.00
		12	6	20.77	19.72	19.94	21.00
		12	13	20.81	19.75	19.97	21.00
		25	0	20.72	19.76	19.79	21.00
	256QAM	1	0	17.72	17.74	17.42	19.00
		1	13	17.61	17.30	17.31	19.00
		1	24	18.73	17.65	18.55	19.00
		12	0	17.10	17.40	17.77	19.00
		12	6	17.85	17.70	17.77	19.00
		12	13	17.71	17.83	17.88	19.00
		25	0	17.78	17.83	17.87	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	22.49	22.55	22.55	24.00
		1	25	22.45	22.63	22.54	24.00
		1	49	22.50	22.83	22.85	24.00
		25	0	21.82	21.76	21.70	23.00
		25	13	21.82	21.78	21.89	23.00
		25	25	21.81	21.85	21.91	23.00
		50	0	21.79	21.82	21.81	23.00
	16QAM	1	0	21.77	21.62	21.88	23.00
		1	25	21.47	21.67	21.80	23.00
		1	49	21.84	21.43	21.71	23.00
		25	0	20.74	20.78	20.57	22.00
		25	13	20.78	20.73	20.65	22.00
		25	25	20.76	20.82	20.91	22.00
		50	0	20.79	20.70	20.73	22.00
	64QAM	1	0	21.48	20.90	20.70	22.00
		1	25	21.22	20.71	20.76	22.00
		1	49	21.93	21.00	21.12	22.00
		25	0	20.76	19.60	19.76	21.00
		25	13	20.72	19.68	19.98	21.00
		25	25	20.81	19.75	19.92	21.00
		50	0	20.73	19.79	19.83	21.00
	256QAM	1	0	17.67	17.77	17.46	19.00
		1	25	17.60	17.36	17.33	19.00



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		1	49	18.65	17.67	18.61	19.00
		25	0	17.09	17.42	17.76	19.00
		25	13	17.79	17.70	17.83	19.00
		25	25	17.79	17.87	17.85	19.00
		50	0	17.77	17.79	17.81	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	22.52	22.54	22.58	24.00
		1	38	22.43	22.64	22.53	24.00
		1	74	22.47	22.79	22.86	24.00
		36	0	21.85	21.84	21.66	23.00
		36	18	21.83	21.84	21.82	23.00
		36	39	21.80	21.85	21.89	23.00
		75	0	21.80	21.83	21.78	23.00
	16QAM	1	0	21.82	21.59	21.87	23.00
		1	38	21.47	21.70	21.83	23.00
		1	74	21.85	21.38	21.71	23.00
		36	0	20.76	20.70	20.56	22.00
		36	18	20.81	20.81	20.68	22.00
		36	39	20.82	20.82	20.93	22.00
		75	0	20.75	20.66	20.71	22.00
	64QAM	1	0	21.42	20.88	20.72	22.00
		1	38	21.22	20.78	20.82	22.00
		1	74	21.92	20.99	21.12	22.00
		36	0	20.75	19.60	19.76	21.00
		36	18	20.71	19.67	19.95	21.00
		36	39	20.83	19.72	19.91	21.00
		75	0	20.75	19.82	19.82	21.00
	256QAM	1	0	17.69	17.74	17.45	19.00
		1	38	17.63	17.36	17.27	19.00
		1	74	18.65	17.65	18.62	19.00
		36	0	17.12	17.44	17.76	19.00
		36	18	17.79	17.73	17.77	19.00
		36	39	17.73	17.90	17.82	19.00
		75	0	17.78	17.78	17.85	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.56	22.63	22.61	24.00
		1	50	22.49	22.67	22.56	24.00



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		1	99	22.55	22.85	22.89	24.00
		50	0	21.86	21.85	21.75	23.00
		50	25	21.85	21.85	21.91	23.00
		50	50	21.87	21.91	21.98	23.00
		100	0	21.82	21.86	21.86	23.00
	16QAM	1	0	21.85	21.63	21.93	23.00
		1	50	21.56	21.71	21.88	23.00
		1	99	21.88	21.45	21.73	23.00
		50	0	20.82	20.79	20.58	22.00
		50	25	20.86	20.82	20.74	22.00
		50	50	20.85	20.86	20.97	22.00
		100	0	20.80	20.75	20.79	22.00
	64QAM	1	0	21.50	20.92	20.74	22.00
		1	50	21.26	20.79	20.84	22.00
		1	99	21.96	21.06	21.21	22.00
		50	0	20.83	19.62	19.80	21.00
		50	25	20.80	19.75	19.99	21.00
		50	50	20.90	19.80	19.99	21.00
		100	0	20.77	19.85	19.86	21.00
	256QAM	1	0	17.74	17.79	17.49	19.00
		1	50	17.69	17.39	17.36	19.00
		1	99	18.74	17.71	18.64	19.00
		50	0	17.18	17.47	17.84	19.00
		50	25	17.86	17.79	17.85	19.00
		50	50	17.80	17.91	17.89	19.00
		100	0	17.80	17.85	17.89	19.00



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LTE Band 66 DS12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	17.23	17.19	17.32	18.50
		1	2	17.29	17.28	17.37	18.50
		1	5	17.42	17.39	17.47	18.50
		3	0	17.44	17.34	17.23	18.50
		3	1	17.35	17.32	17.37	18.50
		3	3	17.39	17.42	17.51	18.50
		6	0	17.39	17.39	17.37	18.50
	16QAM	1	0	17.22	17.45	17.40	18.50
		1	2	17.49	17.25	17.58	18.50
		1	5	17.39	17.47	17.14	18.50
		3	0	17.33	17.47	17.31	18.50
		3	1	17.50	17.36	17.50	18.50
		3	3	17.47	17.40	17.48	18.50
		6	0	17.48	17.34	17.53	18.50
	64QAM	1	0	17.16	17.14	17.16	18.50
		1	2	17.41	17.27	17.20	18.50
		1	5	17.31	17.35	17.34	18.50
		3	0	17.24	17.14	17.25	18.50
		3	1	17.16	17.29	17.33	18.50
		3	3	17.29	17.25	17.35	18.50
		6	0	17.25	17.30	17.35	18.50
	256QAM	1	0	17.29	17.45	17.48	18.50
		1	2	17.13	16.83	17.25	18.50
		1	5	18.08	18.05	17.48	18.50
		3	0	16.76	17.22	17.17	18.50
		3	1	17.26	17.31	17.36	18.50
		3	3	17.29	17.40	17.46	18.50
		6	0	17.40	17.33	17.38	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	17.23	17.27	17.36	18.50
		1	7	17.26	17.26	17.40	18.50
		1	14	17.37	17.34	17.44	18.50
		8	0	17.40	17.33	17.28	18.50
		8	4	17.41	17.32	17.44	18.50



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		8	7	17.47	17.45	17.52	18.50
		15	0	17.41	17.33	17.37	18.50
	16QAM	1	0	17.19	17.42	17.45	18.50
		1	7	17.50	17.25	17.59	18.50
		1	14	17.40	17.53	17.17	18.50
		8	0	17.34	17.43	17.35	18.50
		8	4	17.49	17.36	17.44	18.50
		8	7	17.46	17.39	17.53	18.50
		15	0	17.42	17.35	17.51	18.50
		1	0	17.15	17.11	17.14	18.50
	64QAM	1	7	17.35	17.30	17.17	18.50
		1	14	17.35	17.36	17.38	18.50
		8	0	17.16	17.21	17.32	18.50
		8	4	17.19	17.22	17.36	18.50
		8	7	17.28	17.32	17.39	18.50
		15	0	17.18	17.37	17.41	18.50
		1	0	17.34	17.45	17.53	18.50
	256QAM	1	7	17.15	16.79	17.26	18.50
		1	14	18.09	18.11	17.47	18.50
		8	0	16.76	17.26	17.18	18.50
		8	4	17.30	17.28	17.34	18.50
		8	7	17.24	17.36	17.49	18.50
		15	0	17.35	17.29	17.32	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	17.28	17.20	17.37	18.50
		1	13	17.27	17.26	17.42	18.50
		1	24	17.44	17.35	17.48	18.50
		12	0	17.43	17.31	17.24	18.50
		12	6	17.35	17.31	17.40	18.50
		12	13	17.45	17.40	17.54	18.50
		25	0	17.43	17.33	17.41	18.50
	16QAM	1	0	17.18	17.46	17.46	18.50
		1	13	17.48	17.28	17.59	18.50
		1	24	17.46	17.55	17.12	18.50
		12	0	17.37	17.48	17.31	18.50
		12	6	17.44	17.39	17.47	18.50
		12	13	17.49	17.45	17.49	18.50
		25	0	17.47	17.38	17.54	18.50



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	64QAM	1	0	17.08	17.18	17.18	18.50
		1	13	17.41	17.25	17.19	18.50
		1	24	17.31	17.35	17.38	18.50
		12	0	17.18	17.15	17.26	18.50
		12	6	17.15	17.22	17.36	18.50
		12	13	17.31	17.30	17.38	18.50
		25	0	17.18	17.34	17.39	18.50
	256QAM	1	0	17.31	17.45	17.55	18.50
		1	13	17.09	16.79	17.22	18.50
		1	24	18.08	18.10	17.42	18.50
		12	0	16.77	17.28	17.17	18.50
		12	6	17.26	17.28	17.36	18.50
		12	13	17.29	17.35	17.51	18.50
		25	0	17.36	17.30	17.39	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	17.28	17.20	17.34	18.50
		1	25	17.30	17.28	17.35	18.50
		1	49	17.36	17.36	17.49	18.50
		25	0	17.40	17.30	17.29	18.50
		25	13	17.41	17.29	17.44	18.50
		25	25	17.40	17.46	17.49	18.50
		50	0	17.36	17.39	17.41	18.50
	16QAM	1	0	17.19	17.48	17.43	18.50
		1	25	17.50	17.26	17.60	18.50
		1	49	17.41	17.49	17.17	18.50
		25	0	17.39	17.41	17.34	18.50
		25	13	17.45	17.37	17.49	18.50
		25	25	17.48	17.41	17.51	18.50
		50	0	17.48	17.36	17.47	18.50
	64QAM	1	0	17.13	17.14	17.17	18.50
		1	25	17.40	17.26	17.19	18.50
		1	49	17.28	17.38	17.40	18.50
		25	0	17.24	17.20	17.30	18.50
		25	13	17.22	17.29	17.30	18.50
		25	25	17.29	17.30	17.36	18.50
		50	0	17.20	17.32	17.35	18.50
	256QAM	1	0	17.29	17.40	17.47	18.50
		1	25	17.14	16.83	17.26	18.50



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		1	49	18.04	18.12	17.42	18.50
		25	0	16.70	17.25	17.17	18.50
		25	13	17.26	17.29	17.32	18.50
		25	25	17.29	17.36	17.44	18.50
		50	0	17.36	17.30	17.38	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	17.31	17.25	17.36	18.50
		1	38	17.26	17.23	17.36	18.50
		1	74	17.39	17.36	17.47	18.50
		36	0	17.43	17.37	17.21	18.50
		36	18	17.42	17.31	17.41	18.50
		36	39	17.46	17.41	17.49	18.50
		75	0	17.44	17.38	17.41	18.50
	16QAM	1	0	17.22	17.41	17.44	18.50
		1	38	17.53	17.26	17.62	18.50
		1	74	17.42	17.48	17.20	18.50
		36	0	17.39	17.47	17.35	18.50
		36	18	17.48	17.34	17.50	18.50
		36	39	17.52	17.41	17.51	18.50
		75	0	17.46	17.33	17.51	18.50
	64QAM	1	0	17.09	17.15	17.19	18.50
		1	38	17.34	17.29	17.19	18.50
		1	74	17.30	17.34	17.33	18.50
		36	0	17.19	17.20	17.28	18.50
		36	18	17.21	17.22	17.36	18.50
		36	39	17.29	17.32	17.38	18.50
		75	0	17.25	17.33	17.42	18.50
	256QAM	1	0	17.31	17.46	17.48	18.50
		1	38	17.07	16.83	17.24	18.50
		1	74	18.05	18.11	17.45	18.50
		36	0	16.72	17.22	17.24	18.50
		36	18	17.26	17.26	17.36	18.50
		36	39	17.27	17.36	17.46	18.50
		75	0	17.33	17.29	17.36	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	17.32	17.28	17.38	18.50
		1	50	17.35	17.31	17.43	18.50



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		1	99	17.45	17.43	17.50	18.50
		50	0	17.45	17.39	17.30	18.50
		50	25	17.44	17.38	17.46	18.50
		50	50	17.48	17.48	17.55	18.50
		100	0	17.45	17.42	17.43	18.50
	16QAM	1	0	17.24	17.50	17.49	18.50
		1	50	17.54	17.34	17.65	18.50
		1	99	17.47	17.56	17.21	18.50
		50	0	17.41	17.50	17.40	18.50
		50	25	17.51	17.40	17.51	18.50
		50	50	17.53	17.47	17.55	18.50
		100	0	17.50	17.42	17.56	18.50
	64QAM	1	0	17.17	17.20	17.23	18.50
		1	50	17.43	17.32	17.21	18.50
		1	99	17.36	17.41	17.42	18.50
		50	0	17.25	17.22	17.33	18.50
		50	25	17.24	17.31	17.38	18.50
		50	50	17.35	17.33	17.43	18.50
		100	0	17.26	17.38	17.43	18.50
	256QAM	1	0	17.36	17.49	17.56	18.50
		1	50	17.16	16.85	17.29	18.50
		1	99	18.12	18.13	17.49	18.50
		50	0	16.79	17.31	17.25	18.50
		50	25	17.31	17.33	17.41	18.50
		50	50	17.31	17.42	17.52	18.50
		100	0	17.41	17.35	17.41	18.50



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LTE Band 66 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	16.34	16.22	16.29	17.50
		1	2	16.33	16.30	16.37	17.50
		1	5	16.37	16.42	16.48	17.50
		3	0	16.32	16.31	16.38	17.50
		3	1	16.35	16.37	16.38	17.50
		3	3	16.37	16.40	16.47	17.50
		6	0	16.37	16.38	16.41	17.50
	16QAM	1	0	16.35	16.27	16.28	17.50
		1	2	16.42	16.35	16.47	17.50
		1	5	16.39	16.64	16.47	17.50
		3	0	16.41	16.37	16.37	17.50
		3	1	16.36	16.42	16.52	17.50
		3	3	16.36	16.42	16.47	17.50
		6	0	16.50	16.44	16.50	17.50
	64QAM	1	0	16.39	16.54	16.44	17.50
		1	2	16.16	16.48	16.33	17.50
		1	5	16.50	16.45	16.46	17.50
		3	0	16.38	16.34	16.40	17.50
		3	1	16.43	16.33	16.28	17.50
		3	3	16.39	16.39	16.57	17.50
		6	0	16.34	16.40	16.34	17.50
	256QAM	1	0	16.36	16.20	16.74	17.50
		1	2	16.16	16.10	15.61	17.50
		1	5	16.41	16.29	16.83	17.50
		3	0	15.76	16.30	16.29	17.50
		3	1	16.29	16.32	16.23	17.50
		3	3	16.24	16.48	16.41	17.50
		6	0	16.30	16.30	16.48	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	16.32	16.16	16.27	17.50
		1	7	16.30	16.24	16.37	17.50
		1	14	16.37	16.36	16.48	17.50
		8	0	16.34	16.30	16.37	17.50
		8	4	16.36	16.39	16.39	17.50



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		8	7	16.38	16.42	16.47	17.50
		15	0	16.42	16.36	16.48	17.50
	16QAM	1	0	16.30	16.25	16.25	17.50
		1	7	16.44	16.27	16.43	17.50
		1	14	16.47	16.63	16.46	17.50
		8	0	16.38	16.34	16.32	17.50
		8	4	16.42	16.35	16.52	17.50
		8	7	16.35	16.45	16.46	17.50
		15	0	16.43	16.39	16.47	17.50
		1	0	16.32	16.52	16.40	17.50
	64QAM	1	7	16.12	16.51	16.29	17.50
		1	14	16.46	16.49	16.49	17.50
		8	0	16.33	16.28	16.40	17.50
		8	4	16.44	16.30	16.35	17.50
		8	7	16.43	16.31	16.58	17.50
		15	0	16.33	16.41	16.39	17.50
		1	0	16.39	16.24	16.75	17.50
	256QAM	1	7	16.13	16.07	15.58	17.50
		1	14	16.40	16.37	16.83	17.50
		8	0	15.70	16.25	16.31	17.50
		8	4	16.26	16.28	16.21	17.50
		8	7	16.29	16.42	16.47	17.50
		15	0	16.30	16.29	16.48	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	16.30	16.16	16.22	17.50
		1	13	16.28	16.26	16.38	17.50
		1	24	16.42	16.35	16.52	17.50
		12	0	16.33	16.34	16.38	17.50
		12	6	16.43	16.34	16.39	17.50
		12	13	16.40	16.47	16.44	17.50
		25	0	16.41	16.37	16.43	17.50
	16QAM	1	0	16.37	16.31	16.31	17.50
		1	13	16.47	16.35	16.43	17.50
		1	24	16.42	16.63	16.46	17.50
		12	0	16.40	16.33	16.31	17.50
		12	6	16.42	16.40	16.53	17.50
		12	13	16.36	16.48	16.47	17.50
		25	0	16.46	16.41	16.44	17.50



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	64QAM	1	0	16.35	16.53	16.40	17.50
		1	13	16.19	16.48	16.32	17.50
		1	24	16.50	16.50	16.48	17.50
		12	0	16.32	16.33	16.35	17.50
		12	6	16.38	16.33	16.33	17.50
		12	13	16.43	16.37	16.54	17.50
		25	0	16.28	16.44	16.34	17.50
	256QAM	1	0	16.35	16.27	16.73	17.50
		1	13	16.13	16.08	15.63	17.50
		1	24	16.34	16.32	16.87	17.50
		12	0	15.68	16.30	16.36	17.50
		12	6	16.31	16.29	16.20	17.50
		12	13	16.21	16.45	16.39	17.50
		25	0	16.30	16.31	16.47	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	16.34	16.22	16.28	17.50
		1	25	16.33	16.29	16.40	17.50
		1	49	16.40	16.41	16.52	17.50
		25	0	16.27	16.29	16.44	17.50
		25	13	16.35	16.34	16.37	17.50
		25	25	16.41	16.47	16.42	17.50
		50	0	16.42	16.34	16.49	17.50
	16QAM	1	0	16.37	16.24	16.33	17.50
		1	25	16.42	16.34	16.43	17.50
		1	49	16.44	16.66	16.51	17.50
		25	0	16.41	16.36	16.37	17.50
		25	13	16.34	16.42	16.46	17.50
		25	25	16.41	16.48	16.47	17.50
		50	0	16.46	16.42	16.49	17.50
	64QAM	1	0	16.37	16.56	16.48	17.50
		1	25	16.16	16.47	16.30	17.50
		1	49	16.46	16.52	16.51	17.50
		25	0	16.36	16.36	16.39	17.50
		25	13	16.37	16.33	16.34	17.50
		25	25	16.42	16.37	16.57	17.50
		50	0	16.28	16.45	16.35	17.50
	256QAM	1	0	16.40	16.27	16.68	17.50
		1	25	16.20	16.06	15.63	17.50



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		1	49	16.35	16.37	16.84	17.50
		25	0	15.76	16.28	16.32	17.50
		25	13	16.30	16.27	16.21	17.50
		25	25	16.28	16.44	16.40	17.50
		50	0	16.25	16.27	16.43	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	16.30	16.21	16.21	17.50
		1	38	16.35	16.26	16.34	17.50
		1	74	16.37	16.34	16.49	17.50
		36	0	16.31	16.35	16.42	17.50
		36	18	16.38	16.37	16.37	17.50
		36	39	16.35	16.41	16.45	17.50
		75	0	16.42	16.39	16.43	17.50
	16QAM	1	0	16.37	16.29	16.29	17.50
		1	38	16.49	16.28	16.45	17.50
		1	74	16.41	16.67	16.52	17.50
		36	0	16.37	16.39	16.34	17.50
		36	18	16.41	16.41	16.48	17.50
		36	39	16.41	16.43	16.43	17.50
		75	0	16.43	16.39	16.44	17.50
	64QAM	1	0	16.35	16.55	16.48	17.50
		1	38	16.13	16.53	16.30	17.50
		1	74	16.48	16.50	16.47	17.50
		36	0	16.38	16.32	16.41	17.50
		36	18	16.43	16.32	16.30	17.50
		36	39	16.38	16.33	16.50	17.50
		75	0	16.34	16.38	16.37	17.50
	256QAM	1	0	16.33	16.21	16.73	17.50
		1	38	16.17	16.04	15.60	17.50
		1	74	16.38	16.37	16.82	17.50
		36	0	15.76	16.23	16.29	17.50
		36	18	16.27	16.28	16.24	17.50
		36	39	16.29	16.44	16.47	17.50
		75	0	16.29	16.32	16.50	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	16.35	16.25	16.30	17.50
		1	50	16.36	16.31	16.41	17.50



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		1	99	16.46	16.43	16.54	17.50
		50	0	16.35	16.38	16.45	17.50
		50	25	16.44	16.41	16.41	17.50
		50	50	16.44	16.48	16.50	17.50
		100	0	16.46	16.43	16.50	17.50
	16QAM	1	0	16.39	16.33	16.34	17.50
		1	50	16.51	16.36	16.49	17.50
		1	99	16.48	16.71	16.55	17.50
		50	0	16.42	16.40	16.38	17.50
		50	25	16.43	16.43	16.54	17.50
		50	50	16.42	16.50	16.51	17.50
		100	0	16.52	16.45	16.52	17.50
	64QAM	1	0	16.40	16.59	16.49	17.50
		1	50	16.21	16.55	16.37	17.50
		1	99	16.52	16.53	16.53	17.50
		50	0	16.40	16.37	16.43	17.50
		50	25	16.45	16.38	16.37	17.50
		50	50	16.44	16.40	16.59	17.50
		100	0	16.37	16.47	16.41	17.50
	256QAM	1	0	16.42	16.28	16.77	17.50
		1	50	16.21	16.13	15.64	17.50
		1	99	16.42	16.38	16.90	17.50
		50	0	15.77	16.31	16.37	17.50
		50	25	16.35	16.35	16.26	17.50
		50	50	16.30	16.50	16.48	17.50
		100	0	16.32	16.34	16.51	17.50



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LTE Band 66 DS15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.54	19.64	19.64	21.00
		1	2	19.59	19.52	19.63	21.00
		1	5	19.71	19.78	19.76	21.00
		3	0	19.69	19.72	19.64	21.00
		3	1	19.70	19.69	19.78	21.00
		3	3	19.61	19.77	19.84	21.00
		6	0	19.63	19.71	19.72	21.00
	16QAM	1	0	19.72	19.81	19.41	21.00
		1	2	19.75	19.70	19.56	21.00
		1	5	19.86	19.80	19.85	21.00
		3	0	19.67	19.59	19.55	21.00
		3	1	19.75	19.72	19.81	21.00
		3	3	19.62	19.72	19.78	21.00
		6	0	19.67	19.71	19.57	21.00
	64QAM	1	0	19.70	19.65	19.50	21.00
		1	2	19.77	19.72	19.92	21.00
		1	5	19.86	19.77	19.72	21.00
		3	0	19.57	19.63	19.73	21.00
		3	1	19.60	19.73	19.77	21.00
		3	3	19.69	19.70	19.90	21.00
		6	0	19.69	19.78	19.76	21.00
	256QAM	1	0	17.46	17.68	17.94	19.00
		1	2	17.33	17.35	17.39	19.00
		1	5	17.95	17.70	17.95	19.00
		3	0	17.11	17.69	17.71	19.00
		3	1	17.66	17.68	17.73	19.00
		3	3	17.72	17.72	17.84	19.00
		6	0	17.68	17.70	17.82	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	19.58	19.63	19.65	21.00
		1	7	19.60	19.46	19.67	21.00
		1	14	19.65	19.82	19.82	21.00
		8	0	19.63	19.69	19.63	21.00
		8	4	19.73	19.68	19.72	21.00



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		8	7	19.65	19.74	19.79	21.00
		15	0	19.62	19.68	19.74	21.00
	16QAM	1	0	19.68	19.78	19.43	21.00
		1	7	19.78	19.71	19.59	21.00
		1	14	19.86	19.81	19.89	21.00
		8	0	19.67	19.64	19.56	21.00
		8	4	19.70	19.77	19.84	21.00
		8	7	19.67	19.69	19.80	21.00
		15	0	19.70	19.75	19.63	21.00
		1	0	19.66	19.64	19.54	21.00
	64QAM	1	7	19.78	19.69	19.90	21.00
		1	14	19.82	19.82	19.79	21.00
		8	0	19.64	19.65	19.69	21.00
		8	4	19.63	19.76	19.76	21.00
		8	7	19.68	19.77	19.85	21.00
		15	0	19.70	19.78	19.73	21.00
		1	0	17.43	17.66	17.95	19.00
	256QAM	1	7	17.35	17.34	17.37	19.00
		1	14	17.93	17.64	17.98	19.00
		8	0	17.08	17.72	17.76	19.00
		8	4	17.70	17.73	17.73	19.00
		8	7	17.71	17.75	17.85	19.00
		15	0	17.65	17.66	17.77	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.54	19.63	19.58	21.00
		1	13	19.60	19.46	19.68	21.00
		1	24	19.66	19.80	19.76	21.00
		12	0	19.66	19.69	19.60	21.00
		12	6	19.73	19.72	19.78	21.00
		12	13	19.60	19.77	19.85	21.00
		25	0	19.63	19.72	19.75	21.00
	16QAM	1	0	19.71	19.78	19.41	21.00
		1	13	19.77	19.65	19.60	21.00
		1	24	19.88	19.80	19.85	21.00
		12	0	19.67	19.62	19.56	21.00
		12	6	19.70	19.76	19.82	21.00
		12	13	19.64	19.67	19.80	21.00
		25	0	19.72	19.70	19.58	21.00



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	64QAM	1	0	19.67	19.71	19.52	21.00
		1	13	19.75	19.75	19.93	21.00
		1	24	19.86	19.79	19.71	21.00
		12	0	19.56	19.60	19.73	21.00
		12	6	19.63	19.74	19.72	21.00
		12	13	19.71	19.77	19.88	21.00
		25	0	19.69	19.75	19.72	21.00
	256QAM	1	0	17.42	17.62	17.89	19.00
		1	13	17.34	17.39	17.39	19.00
		1	24	17.95	17.65	17.90	19.00
		12	0	17.08	17.73	17.76	19.00
		12	6	17.68	17.72	17.71	19.00
		12	13	17.75	17.75	17.83	19.00
		25	0	17.72	17.66	17.78	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.59	19.62	19.60	21.00
		1	25	19.52	19.49	19.61	21.00
		1	49	19.68	19.79	19.76	21.00
		25	0	19.64	19.72	19.62	21.00
		25	13	19.69	19.65	19.79	21.00
		25	25	19.60	19.81	19.82	21.00
		50	0	19.70	19.75	19.78	21.00
	16QAM	1	0	19.68	19.76	19.44	21.00
		1	25	19.80	19.69	19.56	21.00
		1	49	19.84	19.82	19.84	21.00
		25	0	19.64	19.57	19.59	21.00
		25	13	19.72	19.77	19.79	21.00
		25	25	19.63	19.73	19.86	21.00
		50	0	19.65	19.70	19.59	21.00
	64QAM	1	0	19.65	19.71	19.49	21.00
		1	25	19.82	19.74	19.92	21.00
		1	49	19.88	19.85	19.71	21.00
		25	0	19.57	19.63	19.71	21.00
		25	13	19.56	19.70	19.74	21.00
		25	25	19.63	19.78	19.89	21.00
		50	0	19.71	19.75	19.78	21.00
	256QAM	1	0	17.49	17.67	17.92	19.00
		1	25	17.37	17.35	17.38	19.00



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		1	49	17.97	17.66	17.90	19.00
		25	0	17.09	17.69	17.76	19.00
		25	13	17.62	17.74	17.70	19.00
		25	25	17.73	17.70	17.84	19.00
		50	0	17.71	17.66	17.79	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.55	19.59	19.65	21.00
		1	38	19.52	19.52	19.64	21.00
		1	74	19.69	19.81	19.82	21.00
		36	0	19.63	19.65	19.57	21.00
		36	18	19.69	19.65	19.80	21.00
		36	39	19.62	19.74	19.82	21.00
		75	0	19.66	19.71	19.72	21.00
	16QAM	1	0	19.73	19.81	19.41	21.00
		1	38	19.80	19.72	19.60	21.00
		1	74	19.90	19.80	19.87	21.00
		36	0	19.65	19.58	19.60	21.00
		36	18	19.72	19.74	19.82	21.00
		36	39	19.63	19.69	19.81	21.00
		75	0	19.66	19.78	19.64	21.00
	64QAM	1	0	19.66	19.65	19.47	21.00
		1	38	19.82	19.76	19.94	21.00
		1	74	19.87	19.78	19.76	21.00
		36	0	19.61	19.66	19.70	21.00
		36	18	19.57	19.78	19.76	21.00
		36	39	19.69	19.73	19.85	21.00
		75	0	19.74	19.82	19.76	21.00
	256QAM	1	0	17.41	17.62	17.87	19.00
		1	38	17.34	17.34	17.43	19.00
		1	74	17.98	17.66	17.98	19.00
		36	0	17.05	17.73	17.75	19.00
		36	18	17.64	17.75	17.71	19.00
		36	39	17.72	17.76	17.86	19.00
		75	0	17.67	17.71	17.77	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	19.63	19.67	19.67	21.00
		1	50	19.61	19.54	19.69	21.00



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		1	99	19.72	19.83	19.81	21.00
		50	0	19.70	19.74	19.66	21.00
		50	25	19.74	19.73	19.81	21.00
		50	50	19.67	19.82	19.87	21.00
		100	0	19.71	19.77	19.81	21.00
	16QAM	1	0	19.77	19.82	19.50	21.00
		1	50	19.84	19.74	19.65	21.00
		1	99	19.92	19.87	19.92	21.00
		50	0	19.69	19.65	19.61	21.00
		50	25	19.76	19.79	19.87	21.00
		50	50	19.68	19.76	19.87	21.00
		100	0	19.73	19.79	19.66	21.00
	64QAM	1	0	19.72	19.72	19.56	21.00
		1	50	19.84	19.77	19.97	21.00
		1	99	19.91	19.86	19.80	21.00
		50	0	19.65	19.69	19.76	21.00
		50	25	19.65	19.79	19.81	21.00
		50	50	19.72	19.79	19.92	21.00
		100	0	19.78	19.83	19.80	21.00
	256QAM	1	0	17.50	17.71	17.96	19.00
		1	50	17.41	17.41	17.44	19.00
		1	99	18.00	17.72	17.99	19.00
		50	0	17.14	17.76	17.77	19.00
		50	25	17.71	17.77	17.76	19.00
		50	50	17.78	17.77	17.88	19.00
		100	0	17.74	17.72	17.84	19.00



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LTE Band 66 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	18.23	18.24	18.12	19.50
		1	2	18.29	18.27	18.26	19.50
		1	5	18.40	18.39	18.46	19.50
		3	0	18.31	18.39	18.33	19.50
		3	1	18.33	18.36	18.32	19.50
		3	3	18.30	18.35	18.46	19.50
		6	0	18.37	18.37	18.38	19.50
	16QAM	1	0	18.18	18.25	18.04	19.50
		1	2	18.22	18.24	18.28	19.50
		1	5	18.25	18.39	18.25	19.50
		3	0	18.28	18.14	18.07	19.50
		3	1	18.14	18.18	18.31	19.50
		3	3	18.16	18.23	18.37	19.50
		6	0	18.13	18.27	18.25	19.50
	64QAM	1	0	18.20	18.27	18.17	19.50
		1	2	18.32	17.93	18.20	19.50
		1	5	18.17	18.29	18.44	19.50
		3	0	18.14	18.21	18.14	19.50
		3	1	18.22	18.32	18.26	19.50
		3	3	18.25	18.26	18.30	19.50
		6	0	18.19	18.16	18.11	19.50
	256QAM	1	0	17.28	17.84	17.47	19.00
		1	2	17.45	17.50	17.58	19.00
		1	5	17.68	17.43	18.25	19.00
		3	0	17.17	17.26	17.65	19.00
		3	1	17.68	17.69	17.78	19.00
		3	3	17.96	17.80	17.81	19.00
		6	0	17.73	17.69	17.78	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	18.25	18.25	18.20	19.50
		1	7	18.25	18.30	18.29	19.50
		1	14	18.39	18.40	18.46	19.50
		8	0	18.31	18.35	18.36	19.50
		8	4	18.37	18.38	18.32	19.50



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		8	7	18.29	18.32	18.47	19.50
		15	0	18.35	18.41	18.39	19.50
	16QAM	1	0	18.18	18.21	18.04	19.50
		1	7	18.20	18.24	18.34	19.50
		1	14	18.28	18.36	18.23	19.50
		8	0	18.30	18.13	18.07	19.50
		8	4	18.16	18.20	18.34	19.50
		8	7	18.17	18.20	18.35	19.50
		15	0	18.14	18.23	18.28	19.50
		1	0	18.16	18.28	18.12	19.50
	64QAM	1	7	18.32	17.90	18.20	19.50
		1	14	18.13	18.34	18.48	19.50
		8	0	18.19	18.15	18.15	19.50
		8	4	18.21	18.30	18.25	19.50
		8	7	18.26	18.30	18.36	19.50
		15	0	18.23	18.24	18.10	19.50
		1	0	17.26	17.83	17.45	19.00
	256QAM	1	7	17.42	17.46	17.56	19.00
		1	14	17.64	17.44	18.32	19.00
		8	0	17.22	17.25	17.66	19.00
		8	4	17.66	17.77	17.82	19.00
		8	7	17.94	17.77	17.84	19.00
		15	0	17.78	17.69	17.81	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	18.31	18.21	18.19	19.50
		1	13	18.27	18.28	18.25	19.50
		1	24	18.35	18.38	18.43	19.50
		12	0	18.30	18.37	18.33	19.50
		12	6	18.35	18.33	18.31	19.50
		12	13	18.28	18.30	18.54	19.50
		25	0	18.39	18.38	18.41	19.50
	16QAM	1	0	18.21	18.22	18.03	19.50
		1	13	18.24	18.25	18.33	19.50
		1	24	18.22	18.36	18.22	19.50
		12	0	18.23	18.10	18.10	19.50
		12	6	18.14	18.19	18.30	19.50
		12	13	18.16	18.26	18.38	19.50
		25	0	18.13	18.22	18.29	19.50



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	64QAM	1	0	18.15	18.28	18.16	19.50
		1	13	18.27	17.91	18.28	19.50
		1	24	18.17	18.31	18.49	19.50
		12	0	18.16	18.20	18.12	19.50
		12	6	18.23	18.26	18.25	19.50
		12	13	18.22	18.25	18.31	19.50
		25	0	18.21	18.18	18.17	19.50
	256QAM	1	0	17.29	17.82	17.45	19.00
		1	13	17.47	17.47	17.56	19.00
		1	24	17.64	17.49	18.27	19.00
		12	0	17.22	17.26	17.64	19.00
		12	6	17.66	17.71	17.81	19.00
		12	13	17.89	17.80	17.83	19.00
		25	0	17.74	17.65	17.81	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	18.25	18.21	18.18	19.50
		1	25	18.27	18.28	18.27	19.50
		1	49	18.37	18.45	18.42	19.50
		25	0	18.24	18.36	18.31	19.50
		25	13	18.33	18.38	18.27	19.50
		25	25	18.28	18.36	18.52	19.50
		50	0	18.41	18.34	18.41	19.50
	16QAM	1	0	18.25	18.19	18.06	19.50
		1	25	18.27	18.30	18.29	19.50
		1	49	18.28	18.37	18.22	19.50
		25	0	18.22	18.09	18.06	19.50
		25	13	18.17	18.19	18.32	19.50
		25	25	18.16	18.19	18.32	19.50
		50	0	18.15	18.26	18.23	19.50
	64QAM	1	0	18.18	18.26	18.14	19.50
		1	25	18.31	17.90	18.26	19.50
		1	49	18.20	18.29	18.43	19.50
		25	0	18.18	18.21	18.17	19.50
		25	13	18.22	18.25	18.29	19.50
		25	25	18.25	18.30	18.31	19.50
		50	0	18.19	18.18	18.10	19.50
	256QAM	1	0	17.31	17.84	17.51	19.00
		1	25	17.46	17.51	17.57	19.00



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		1	49	17.68	17.51	18.26	19.00
		25	0	17.23	17.24	17.70	19.00
		25	13	17.69	17.74	17.83	19.00
		25	25	17.92	17.77	17.80	19.00
		50	0	17.79	17.68	17.82	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	18.27	18.19	18.17	19.50
		1	38	18.24	18.30	18.25	19.50
		1	74	18.40	18.42	18.47	19.50
		36	0	18.28	18.35	18.32	19.50
		36	18	18.40	18.36	18.31	19.50
		36	39	18.28	18.38	18.51	19.50
		75	0	18.40	18.41	18.36	19.50
	16QAM	1	0	18.21	18.19	18.05	19.50
		1	38	18.22	18.26	18.29	19.50
		1	74	18.30	18.39	18.19	19.50
		36	0	18.27	18.09	18.13	19.50
		36	18	18.18	18.24	18.28	19.50
		36	39	18.09	18.23	18.38	19.50
		75	0	18.19	18.24	18.31	19.50
	64QAM	1	0	18.21	18.25	18.10	19.50
		1	38	18.27	17.96	18.20	19.50
		1	74	18.14	18.27	18.49	19.50
		36	0	18.14	18.15	18.18	19.50
		36	18	18.23	18.27	18.24	19.50
		36	39	18.22	18.24	18.30	19.50
		75	0	18.21	18.21	18.13	19.50
	256QAM	1	0	17.25	17.78	17.50	19.00
		1	38	17.44	17.53	17.63	19.00
		1	74	17.69	17.46	18.27	19.00
		36	0	17.21	17.20	17.72	19.00
		36	18	17.73	17.73	17.81	19.00
		36	39	17.90	17.74	17.86	19.00
		75	0	17.75	17.67	17.75	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	18.32	18.26	18.21	19.50
		1	50	18.32	18.33	18.34	19.50



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		1	99	18.43	18.46	18.48	19.50
		50	0	18.32	18.40	18.39	19.50
		50	25	18.42	18.41	18.35	19.50
		50	50	18.35	18.39	18.55	19.50
		100	0	18.42	18.43	18.45	19.50
	16QAM	1	0	18.27	18.26	18.08	19.50
		1	50	18.29	18.32	18.35	19.50
		1	99	18.31	18.44	18.26	19.50
		50	0	18.31	18.17	18.15	19.50
		50	25	18.19	18.25	18.35	19.50
		50	50	18.18	18.28	18.40	19.50
		100	0	18.20	18.29	18.32	19.50
	64QAM	1	0	18.24	18.33	18.18	19.50
		1	50	18.33	17.99	18.29	19.50
		1	99	18.21	18.35	18.52	19.50
		50	0	18.20	18.24	18.21	19.50
		50	25	18.27	18.33	18.31	19.50
		50	50	18.30	18.33	18.38	19.50
		100	0	18.26	18.25	18.19	19.50
	256QAM	1	0	17.32	17.87	17.53	19.00
		1	50	17.50	17.54	17.65	19.00
		1	99	17.73	17.52	18.34	19.00
		50	0	17.25	17.27	17.73	19.00
		50	25	17.74	17.78	17.86	19.00
		50	50	17.97	17.82	17.87	19.00
		100	0	17.80	17.73	17.84	19.00



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LTE Band 38 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.72	23.69	23.63	25.00
		1	13	23.56	23.64	23.62	25.00
		1	24	23.57	23.57	23.63	25.00
		12	0	22.83	22.73	22.70	24.00
		12	6	22.75	22.76	22.83	24.00
		12	13	22.70	22.75	22.73	24.00
		25	0	22.68	22.65	22.77	24.00
	16QAM	1	0	22.62	22.52	22.55	24.00
		1	13	22.49	22.72	22.51	24.00
		1	24	22.43	22.58	22.70	24.00
		12	0	21.82	21.76	21.73	23.00
		12	6	21.73	21.68	21.76	23.00
		12	13	21.73	21.70	21.65	23.00
		25	0	21.69	21.70	21.71	23.00
	64QAM	1	0	21.62	21.57	21.63	23.00
		1	13	21.49	21.55	21.49	23.00
		1	24	21.57	21.70	21.53	23.00
		12	0	20.88	20.78	20.74	22.00
		12	6	20.77	20.75	20.75	22.00
		12	13	20.72	20.68	20.63	22.00
		25	0	20.75	20.74	20.77	22.00
	256QAM	1	0	18.99	18.78	18.48	20.00
		1	13	18.68	18.54	18.69	20.00
		1	24	18.64	18.80	18.58	20.00
		12	0	18.78	18.77	18.74	20.00
		12	6	18.76	18.67	18.73	20.00
		12	13	18.69	18.67	18.67	20.00
		25	0	18.71	18.65	18.72	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.72	23.70	23.59	25.00
		1	25	23.62	23.64	23.58	25.00
		1	49	23.58	23.56	23.66	25.00
		25	0	22.82	22.79	22.71	24.00
		25	13	22.70	22.68	22.83	24.00



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		25	25	22.68	22.70	22.71	24.00
		50	0	22.70	22.69	22.70	24.00
	16QAM	1	0	22.67	22.56	22.58	24.00
		1	25	22.57	22.74	22.52	24.00
		1	49	22.47	22.55	22.68	24.00
		25	0	21.81	21.77	21.72	23.00
		25	13	21.71	21.69	21.76	23.00
		25	25	21.71	21.67	21.62	23.00
		50	0	21.73	21.73	21.68	23.00
		1	0	21.60	21.54	21.70	23.00
	64QAM	1	25	21.41	21.54	21.53	23.00
		1	49	21.54	21.74	21.52	23.00
		25	0	20.83	20.79	20.76	22.00
		25	13	20.82	20.74	20.80	22.00
		25	25	20.68	20.69	20.69	22.00
		50	0	20.76	20.73	20.73	22.00
		1	0	18.97	18.80	18.56	20.00
	256QAM	1	25	18.62	18.51	18.74	20.00
		1	49	18.56	18.79	18.64	20.00
		25	0	18.78	18.78	18.73	20.00
		25	13	18.73	18.67	18.78	20.00
		25	25	18.63	18.71	18.64	20.00
		50	0	18.67	18.65	18.77	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.72	23.69	23.63	25.00
		1	38	23.64	23.60	23.65	25.00
		1	74	23.52	23.53	23.63	25.00
		36	0	22.87	22.79	22.68	24.00
		36	18	22.72	22.69	22.76	24.00
		36	39	22.68	22.75	22.70	24.00
		75	0	22.67	22.67	22.76	24.00
	16QAM	1	0	22.62	22.60	22.53	24.00
		1	38	22.55	22.73	22.51	24.00
		1	74	22.42	22.54	22.71	24.00
		36	0	21.81	21.78	21.72	23.00
		36	18	21.72	21.69	21.77	23.00
		36	39	21.72	21.73	21.62	23.00
		75	0	21.73	21.67	21.73	23.00



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	64QAM	1	0	21.61	21.58	21.65	23.00
		1	38	21.46	21.56	21.46	23.00
		1	74	21.62	21.70	21.54	23.00
		36	0	20.86	20.75	20.72	22.00
		36	18	20.80	20.68	20.78	22.00
		36	39	20.71	20.67	20.64	22.00
		75	0	20.76	20.71	20.75	22.00
	256QAM	1	0	18.94	18.76	18.56	20.00
		1	38	18.68	18.47	18.70	20.00
		1	74	18.58	18.79	18.60	20.00
		36	0	18.78	18.79	18.74	20.00
		36	18	18.72	18.71	18.71	20.00
		36	39	18.67	18.68	18.64	20.00
		75	0	18.75	18.73	18.74	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.67	23.62	23.56	25.00
		1	50	23.55	23.55	23.56	25.00
		1	99	23.51	23.52	23.58	25.00
		50	0	22.81	22.72	22.67	24.00
		50	25	22.68	22.67	22.74	24.00
		50	50	22.65	22.67	22.64	24.00
		100	0	22.66	22.63	22.69	24.00
	16QAM	1	0	22.61	22.51	22.49	24.00
		1	50	22.48	22.68	22.46	24.00
		1	99	22.41	22.51	22.67	24.00
		50	0	21.75	21.72	21.68	23.00
		50	25	21.70	21.66	21.69	23.00
		50	50	21.66	21.64	21.60	23.00
		100	0	21.65	21.66	21.65	23.00
	64QAM	1	0	21.58	21.51	21.61	23.00
		1	50	21.40	21.53	21.44	23.00
		1	99	21.53	21.67	21.50	23.00
		50	0	20.79	20.71	20.69	22.00
		50	25	20.75	20.67	20.74	22.00
		50	50	20.66	20.62	20.61	22.00
		100	0	20.74	20.66	20.69	22.00
	256QAM	1	0	18.90	18.71	18.47	20.00
		1	50	18.60	18.46	18.65	20.00



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		1	99	18.55	18.75	18.57	20.00
		50	0	18.77	18.72	18.71	20.00
		50	25	18.68	18.64	18.69	20.00
		50	50	18.60	18.63	18.60	20.00
		100	0	18.66	18.64	18.70	20.00



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LTE Band 38 DS12/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.43	20.41	20.31	21.50
		1	13	20.41	20.36	20.38	21.50
		1	24	20.23	20.25	20.37	21.50
		12	0	20.54	20.49	20.45	21.50
		12	6	20.46	20.36	20.48	21.50
		12	13	20.38	20.38	20.36	21.50
		25	0	20.46	20.38	20.47	21.50
	16QAM	1	0	20.49	20.22	20.25	21.50
		1	13	20.47	20.36	20.24	21.50
		1	24	20.15	20.31	20.27	21.50
		12	0	20.52	20.45	20.42	21.50
		12	6	20.51	20.37	20.44	21.50
		12	13	20.46	20.34	20.34	21.50
		25	0	20.48	20.31	20.44	21.50
	64QAM	1	0	20.41	20.29	20.21	21.50
		1	13	20.30	20.11	20.19	21.50
		1	24	20.19	20.12	20.18	21.50
		12	0	20.33	20.32	20.24	21.50
		12	6	20.32	20.27	20.34	21.50
		12	13	20.28	20.24	20.17	21.50
		25	0	20.30	20.23	20.31	21.50
	256QAM	1	0	18.97	18.87	18.57	20.00
		1	13	18.70	18.41	18.72	20.00
		1	24	18.75	18.86	18.68	20.00
		12	0	18.89	18.78	18.75	20.00
		12	6	18.85	18.77	18.80	20.00
		12	13	18.84	18.81	18.68	20.00
		25	0	18.85	18.76	18.78	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	20.47	20.40	20.27	21.50
		1	25	20.36	20.42	20.34	21.50
		1	49	20.25	20.30	20.41	21.50
		25	0	20.55	20.44	20.45	21.50
		25	13	20.48	20.41	20.49	21.50



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		25	25	20.38	20.35	20.41	21.50
		50	0	20.46	20.42	20.43	21.50
	16QAM	1	0	20.53	20.24	20.20	21.50
		1	25	20.43	20.37	20.23	21.50
		1	49	20.18	20.23	20.25	21.50
		25	0	20.54	20.49	20.42	21.50
		25	13	20.45	20.31	20.42	21.50
		25	25	20.45	20.39	20.33	21.50
		50	0	20.46	20.33	20.45	21.50
		1	0	20.47	20.32	20.17	21.50
	64QAM	1	25	20.27	20.13	20.18	21.50
		1	49	20.16	20.14	20.20	21.50
		25	0	20.31	20.38	20.28	21.50
		25	13	20.34	20.26	20.30	21.50
		25	25	20.29	20.26	20.17	21.50
		50	0	20.32	20.23	20.28	21.50
		1	0	18.94	18.84	18.57	20.00
	256QAM	1	25	18.69	18.44	18.74	20.00
		1	49	18.68	18.88	18.62	20.00
		25	0	18.89	18.80	18.75	20.00
		25	13	18.83	18.76	18.84	20.00
		25	25	18.81	18.79	18.71	20.00
		50	0	18.79	18.74	18.85	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	20.43	20.41	20.35	21.50
		1	38	20.37	20.41	20.37	21.50
		1	74	20.24	20.26	20.38	21.50
		36	0	20.53	20.43	20.43	21.50
		36	18	20.50	20.39	20.49	21.50
		36	39	20.39	20.39	20.40	21.50
		75	0	20.53	20.42	20.47	21.50
	16QAM	1	0	20.50	20.25	20.19	21.50
		1	38	20.48	20.36	20.26	21.50
		1	74	20.18	20.31	20.23	21.50
		36	0	20.48	20.41	20.42	21.50
		36	18	20.45	20.37	20.44	21.50
		36	39	20.39	20.37	20.34	21.50
		75	0	20.52	20.36	20.44	21.50



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	64QAM	1	0	20.42	20.24	20.19	21.50
		1	38	20.28	20.12	20.16	21.50
		1	74	20.19	20.11	20.16	21.50
		36	0	20.28	20.38	20.25	21.50
		36	18	20.36	20.26	20.27	21.50
		36	39	20.32	20.27	20.23	21.50
		75	0	20.37	20.22	20.31	21.50
	256QAM	1	0	18.96	18.82	18.56	20.00
		1	38	18.75	18.42	18.69	20.00
		1	74	18.72	18.88	18.67	20.00
		36	0	18.89	18.86	18.80	20.00
		36	18	18.84	18.77	18.80	20.00
		36	39	18.81	18.81	18.73	20.00
		75	0	18.82	18.77	18.82	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	20.39	20.35	20.26	21.50
		1	50	20.33	20.34	20.32	21.50
		1	99	20.19	20.22	20.33	21.50
		50	0	20.50	20.42	20.38	21.50
		50	25	20.44	20.32	20.40	21.50
		50	50	20.36	20.32	20.33	21.50
		100	0	20.45	20.36	20.38	21.50
	16QAM	1	0	20.44	20.18	20.16	21.50
		1	50	20.41	20.35	20.20	21.50
		1	99	20.14	20.22	20.18	21.50
		50	0	20.45	20.40	20.36	21.50
		50	25	20.44	20.30	20.39	21.50
		50	50	20.37	20.30	20.30	21.50
		100	0	20.43	20.30	20.36	21.50
	64QAM	1	0	20.40	20.23	20.13	21.50
		1	50	20.26	20.10	20.12	21.50
		1	99	20.10	20.06	20.15	21.50
		50	0	20.27	20.30	20.20	21.50
		50	25	20.28	20.24	20.26	21.50
		50	50	20.25	20.22	20.14	21.50
		100	0	20.29	20.20	20.27	21.50
	256QAM	1	0	18.93	18.80	18.50	20.00
		1	50	18.68	18.40	18.65	20.00



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		1	99	18.67	18.81	18.60	20.00
		50	0	18.86	18.77	18.73	20.00
		50	25	18.76	18.74	18.77	20.00
		50	50	18.79	18.74	18.67	20.00
		100	0	18.78	18.73	18.77	20.00



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LTE Band 38 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	19.85	19.87	19.79	21.00
		1	13	19.85	19.85	19.85	21.00
		1	24	19.72	19.82	19.79	21.00
		12	0	19.97	19.86	19.95	21.00
		12	6	19.99	19.79	19.94	21.00
		12	13	19.83	19.88	19.88	21.00
		25	0	19.92	19.77	19.93	21.00
	16QAM	1	0	19.98	19.87	19.67	21.00
		1	13	19.85	19.71	19.90	21.00
		1	24	19.65	19.75	19.80	21.00
		12	0	19.93	19.91	19.85	21.00
		12	6	19.95	19.83	19.90	21.00
		12	13	19.85	19.82	19.84	21.00
		25	0	19.98	19.86	19.85	21.00
	64QAM	1	0	19.69	19.72	19.54	21.00
		1	13	19.82	19.71	19.62	21.00
		1	24	19.66	19.68	19.47	21.00
		12	0	19.92	19.78	19.81	21.00
		12	6	19.76	19.78	19.76	21.00
		12	13	19.72	19.70	19.69	21.00
		25	0	19.75	19.74	19.78	21.00
	256QAM	1	0	18.90	18.94	18.61	20.00
		1	13	18.65	18.72	18.69	20.00
		1	24	18.56	18.50	18.61	20.00
		12	0	18.86	18.78	18.76	20.00
		12	6	18.77	18.79	18.72	20.00
		12	13	18.75	18.70	18.73	20.00
		25	0	18.77	18.70	18.81	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	19.87	19.84	19.77	21.00
		1	25	19.84	19.80	19.82	21.00
		1	49	19.75	19.76	19.81	21.00
		25	0	19.97	19.92	19.90	21.00
		25	13	19.97	19.82	19.88	21.00



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		25	25	19.81	19.81	19.86	21.00
		50	0	19.93	19.81	19.97	21.00
	16QAM	1	0	19.96	19.86	19.64	21.00
		1	25	19.79	19.74	19.84	21.00
		1	49	19.71	19.67	19.80	21.00
		25	0	19.91	19.85	19.89	21.00
		25	13	19.97	19.87	19.91	21.00
		25	25	19.90	19.84	19.89	21.00
		50	0	19.93	19.85	19.90	21.00
		1	0	19.66	19.70	19.47	21.00
	64QAM	1	25	19.84	19.71	19.64	21.00
		1	49	19.66	19.68	19.54	21.00
		25	0	19.87	19.76	19.76	21.00
		25	13	19.79	19.76	19.78	21.00
		25	25	19.73	19.74	19.69	21.00
		50	0	19.74	19.70	19.79	21.00
		1	0	18.87	18.89	18.61	20.00
	256QAM	1	25	18.62	18.76	18.76	20.00
		1	49	18.60	18.53	18.68	20.00
		25	0	18.89	18.86	18.72	20.00
		25	13	18.75	18.72	18.71	20.00
		25	25	18.80	18.67	18.72	20.00
		50	0	18.72	18.77	18.75	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	19.84	19.86	19.82	21.00
		1	38	19.81	19.80	19.82	21.00
		1	74	19.76	19.76	19.81	21.00
		36	0	20.00	19.89	19.95	21.00
		36	18	20.03	19.83	19.89	21.00
		36	39	19.82	19.82	19.89	21.00
		75	0	19.98	19.84	19.92	21.00
	16QAM	1	0	20.02	19.81	19.72	21.00
		1	38	19.83	19.73	19.82	21.00
		1	74	19.64	19.68	19.74	21.00
		36	0	19.92	19.85	19.86	21.00
		36	18	19.91	19.88	19.96	21.00
		36	39	19.86	19.81	19.88	21.00
		75	0	19.98	19.81	19.91	21.00



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	64QAM	1	0	19.68	19.70	19.54	21.00
		1	38	19.80	19.67	19.60	21.00
		1	74	19.58	19.68	19.52	21.00
		36	0	19.84	19.79	19.76	21.00
		36	18	19.74	19.80	19.75	21.00
		36	39	19.69	19.67	19.68	21.00
		75	0	19.79	19.72	19.79	21.00
	256QAM	1	0	18.84	18.95	18.58	20.00
		1	38	18.63	18.79	18.73	20.00
		1	74	18.57	18.56	18.60	20.00
		36	0	18.94	18.81	18.72	20.00
		36	18	18.77	18.75	18.74	20.00
		36	39	18.75	18.71	18.75	20.00
		75	0	18.79	18.74	18.80	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	19.80	19.79	19.74	21.00
		1	50	19.79	19.79	19.80	21.00
		1	99	19.69	19.74	19.78	21.00
		50	0	19.94	19.85	19.86	21.00
		50	25	19.94	19.77	19.85	21.00
		50	50	19.80	19.80	19.83	21.00
		100	0	19.91	19.76	19.88	21.00
	16QAM	1	0	19.94	19.80	19.63	21.00
		1	50	19.77	19.67	19.81	21.00
		1	99	19.63	19.66	19.72	21.00
		50	0	19.90	19.82	19.82	21.00
		50	25	19.90	19.82	19.87	21.00
		50	50	19.81	19.80	19.82	21.00
		100	0	19.92	19.78	19.83	21.00
	64QAM	1	0	19.63	19.65	19.45	21.00
		1	50	19.75	19.63	19.55	21.00
		1	99	19.57	19.61	19.45	21.00
		50	0	19.83	19.74	19.72	21.00
		50	25	19.72	19.72	19.74	21.00
		50	50	19.68	19.65	19.67	21.00
		100	0	19.72	19.68	19.73	21.00
	256QAM	1	0	18.83	18.86	18.56	20.00
		1	50	18.58	18.71	18.67	20.00



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		1	99	18.54	18.47	18.59	20.00
		50	0	18.85	18.77	18.70	20.00
		50	25	18.72	18.70	18.70	20.00
		50	50	18.71	18.66	18.68	20.00
		100	0	18.71	18.69	18.73	20.00



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LTE Band 38 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	19.43	19.18	19.17	20.50
		1	13	19.38	19.20	19.23	20.50
		1	24	19.25	19.15	19.16	20.50
		12	0	19.41	19.30	19.27	20.50
		12	6	19.37	19.25	19.25	20.50
		12	13	19.27	19.23	19.31	20.50
		25	0	19.37	19.29	19.31	20.50
	16QAM	1	0	19.41	19.34	19.24	20.50
		1	13	19.37	19.14	19.10	20.50
		1	24	19.25	19.08	19.22	20.50
		12	0	19.42	19.37	19.28	20.50
		12	6	19.45	19.27	19.31	20.50
		12	13	19.33	19.25	19.26	20.50
		25	0	19.40	19.28	19.26	20.50
	64QAM	1	0	19.20	19.25	19.01	20.50
		1	13	19.23	19.50	19.20	20.50
		1	24	19.14	19.15	19.09	20.50
		12	0	19.45	19.28	19.22	20.50
		12	6	19.38	19.31	19.34	20.50
		12	13	19.27	19.20	19.24	20.50
		25	0	19.36	19.23	19.29	20.50
	256QAM	1	0	18.86	18.55	18.45	20.00
		1	13	18.60	18.70	18.60	20.00
		1	24	18.50	18.53	18.62	20.00
		12	0	18.82	18.73	18.64	20.00
		12	6	18.77	18.69	18.69	20.00
		12	13	18.62	18.64	18.62	20.00
		25	0	18.76	18.63	18.72	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	19.43	19.23	19.21	20.50
		1	25	19.36	19.26	19.23	20.50
		1	49	19.19	19.16	19.16	20.50
		25	0	19.40	19.32	19.33	20.50
		25	13	19.38	19.28	19.26	20.50



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		25	25	19.31	19.29	19.25	20.50
		50	0	19.36	19.22	19.33	20.50
	16QAM	1	0	19.40	19.28	19.18	20.50
		1	25	19.36	19.11	19.07	20.50
		1	49	19.24	19.07	19.19	20.50
		25	0	19.42	19.37	19.28	20.50
		25	13	19.39	19.31	19.32	20.50
		25	25	19.26	19.21	19.22	20.50
		50	0	19.38	19.25	19.26	20.50
		1	0	19.21	19.25	18.98	20.50
	64QAM	1	25	19.20	19.51	19.20	20.50
		1	49	19.08	19.14	19.07	20.50
		25	0	19.46	19.30	19.23	20.50
		25	13	19.43	19.27	19.34	20.50
		25	25	19.35	19.16	19.23	20.50
		50	0	19.39	19.25	19.36	20.50
		1	0	18.78	18.56	18.45	20.00
	256QAM	1	25	18.61	18.65	18.55	20.00
		1	49	18.44	18.49	18.57	20.00
		25	0	18.82	18.74	18.65	20.00
		25	13	18.79	18.71	18.67	20.00
		25	25	18.69	18.67	18.67	20.00
		50	0	18.69	18.61	18.74	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	19.41	19.21	19.23	20.50
		1	38	19.32	19.23	19.26	20.50
		1	74	19.19	19.11	19.16	20.50
		36	0	19.37	19.27	19.32	20.50
		36	18	19.40	19.30	19.30	20.50
		36	39	19.28	19.26	19.26	20.50
		75	0	19.41	19.28	19.31	20.50
	16QAM	1	0	19.45	19.29	19.16	20.50
		1	38	19.41	19.16	19.08	20.50
		1	74	19.18	19.07	19.25	20.50
		36	0	19.46	19.34	19.25	20.50
		36	18	19.42	19.32	19.28	20.50
		36	39	19.32	19.21	19.30	20.50
		75	0	19.35	19.24	19.26	20.50



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	64QAM	1	0	19.18	19.21	19.02	20.50
		1	38	19.21	19.54	19.24	20.50
		1	74	19.07	19.13	19.13	20.50
		36	0	19.42	19.32	19.26	20.50
		36	18	19.40	19.27	19.28	20.50
		36	39	19.28	19.21	19.21	20.50
		75	0	19.43	19.25	19.35	20.50
	256QAM	1	0	18.79	18.57	18.50	20.00
		1	38	18.67	18.72	18.52	20.00
		1	74	18.50	18.45	18.65	20.00
		36	0	18.76	18.72	18.63	20.00
		36	18	18.73	18.70	18.67	20.00
		36	39	18.65	18.65	18.68	20.00
		75	0	18.69	18.65	18.68	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	19.36	19.16	19.15	20.50
		1	50	19.30	19.18	19.17	20.50
		1	99	19.17	19.10	19.13	20.50
		50	0	19.36	19.26	19.24	20.50
		50	25	19.35	19.24	19.24	20.50
		50	50	19.24	19.21	19.23	20.50
		100	0	19.34	19.20	19.29	20.50
	16QAM	1	0	19.39	19.26	19.15	20.50
		1	50	19.32	19.08	19.06	20.50
		1	99	19.16	19.01	19.18	20.50
		50	0	19.38	19.28	19.20	20.50
		50	25	19.38	19.26	19.26	20.50
		50	50	19.24	19.16	19.21	20.50
		100	0	19.34	19.19	19.25	20.50
	64QAM	1	0	19.16	19.16	18.95	20.50
		1	50	19.16	19.49	19.18	20.50
		1	99	19.06	19.12	19.05	20.50
		50	0	19.37	19.26	19.21	20.50
		50	25	19.36	19.24	19.25	20.50
		50	50	19.26	19.12	19.19	20.50
		100	0	19.34	19.21	19.27	20.50
	256QAM	1	0	18.77	18.51	18.41	20.00
		1	50	18.59	18.63	18.51	20.00



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		1	99	18.43	18.44	18.56	20.00
		50	0	18.75	18.67	18.58	20.00
		50	25	18.70	18.63	18.65	20.00
		50	50	18.60	18.58	18.60	20.00
		100	0	18.67	18.60	18.66	20.00



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LTE Band 41 2496 - 2690 DS14				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	24.24	24.12	23.85	24.07	23.86	25.00
		1	13	24.33	23.99	23.65	23.99	23.64	25.00
		1	24	24.32	24.01	23.63	23.99	23.58	25.00
		12	0	23.47	23.13	22.82	23.09	22.83	24.00
		12	6	23.48	23.04	22.86	23.04	22.8	24.00
		12	13	23.44	23.1	22.72	23.11	22.6	24.00
		25	0	23.37	23.01	22.81	22.88	22.78	24.00
	16QAM	1	0	23.22	22.99	22.66	22.93	22.68	24.00
		1	13	23.44	22.8	22.54	22.8	22.6	24.00
		1	24	23.44	22.95	22.53	22.93	22.51	24.00
		12	0	22.46	22.19	21.83	22.16	21.74	23.00
		12	6	22.33	22.02	21.76	21.95	21.81	23.00
		12	13	22.42	22.06	21.69	21.97	21.6	23.00
		25	0	22.37	22.09	21.75	22.05	21.72	23.00
	64QAM	1	0	23.00	22.05	21.76	21.98	21.76	23.00
		1	13	22.03	22.09	21.64	21.98	21.64	23.00
		1	24	22.04	22.12	21.70	22.06	21.55	23.00
		12	0	20.63	21.03	20.82	20.96	20.80	22.00
		12	6	20.58	21.14	20.82	21.03	20.81	22.00
		12	13	20.84	21.09	20.64	20.97	20.59	22.00
		25	0	20.77	21.06	20.78	21.00	20.70	22.00
	256QAM	1	0	19.37	19.16	18.80	19.05	18.71	20.00
		1	13	19.11	19.12	18.73	19.06	18.80	20.00
		1	24	19.64	18.95	18.60	18.93	18.51	20.00
		12	0	19.47	19.15	18.87	19.14	18.87	20.00
		12	6	19.37	19.04	18.83	19.01	18.73	20.00
		12	13	19.38	19.12	18.73	18.98	18.69	20.00
		25	0	19.47	19.17	18.81	19.00	18.78	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	24.28	24.14	23.91	24.07	23.88	25.00
		1	25	24.37	23.98	23.64	23.93	23.61	25.00
		1	49	24.34	24.06	23.63	24.03	23.53	25.00
		25	0	23.49	23.14	22.85	23.08	22.79	24.00
		25	13	23.43	23.04	22.87	23.09	22.81	24.00



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		25	25	23.43	23.09	22.67	23.13	22.61	24.00
		50	0	23.38	23	22.85	22.94	22.8	24.00
	16QAM	1	0	23.14	23.01	22.65	22.86	22.72	24.00
		1	25	23.47	22.87	22.54	22.83	22.54	24.00
		1	49	23.5	22.94	22.51	22.88	22.46	24.00
		25	0	22.51	22.2	21.84	22.17	21.81	23.00
		25	13	22.38	22.06	21.84	22	21.76	23.00
		25	25	22.44	22.07	21.72	21.97	21.6	23.00
		50	0	22.35	22.14	21.71	22.05	21.71	23.00
	64QAM	1	0	22.97	22.05	21.73	22.00	21.69	23.00
		1	25	22.08	22.09	21.67	22.03	21.63	23.00
		1	49	22.12	22.07	21.65	22.01	21.57	23.00
		25	0	20.62	21.05	20.87	20.94	20.72	22.00
		25	13	20.62	21.10	20.80	21.04	20.73	22.00
		25	25	20.82	21.04	20.70	20.99	20.66	22.00
		50	0	20.79	21.07	20.82	20.98	20.70	22.00
	256QAM	1	0	19.39	19.10	18.83	19.11	18.72	20.00
		1	25	19.11	19.17	18.80	19.03	18.74	20.00
		1	49	19.62	18.96	18.57	18.92	18.49	20.00
		25	0	19.41	19.16	18.83	19.17	18.83	20.00
		25	13	19.42	19.07	18.78	19.00	18.75	20.00
		25	25	19.35	19.08	18.68	19.03	18.67	20.00
		50	0	19.43	19.10	18.81	19.08	18.81	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.24	24.11	23.86	24.09	23.82	25.00
		1	38	24.32	23.94	23.65	23.94	23.65	25.00
		1	74	24.4	24.05	23.6	24	23.57	25.00
		36	0	23.43	23.13	22.86	23.07	22.83	24.00
		36	18	23.41	23.04	22.83	23.07	22.79	24.00
		36	39	23.39	23.12	22.67	23.09	22.6	24.00
		75	0	23.39	23	22.84	22.91	22.77	24.00
	16QAM	1	0	23.15	22.96	22.7	22.91	22.66	24.00
		1	38	23.46	22.82	22.55	22.84	22.55	24.00
		1	74	23.46	22.99	22.5	22.93	22.46	24.00
		36	0	22.46	22.17	21.83	22.14	21.79	23.00
		36	18	22.33	22.03	21.8	21.92	21.79	23.00
		36	39	22.42	22.03	21.67	22	21.65	23.00
		75	0	22.36	22.11	21.72	22.04	21.74	23.00



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	64QAM	1	0	22.04	22.04	21.73	21.99	21.74	23.00
		1	38	22.10	22.03	21.68	22.02	21.65	23.00
		1	74	22.11	22.09	21.71	22.01	21.59	23.00
		36	0	20.57	21.05	20.83	20.97	20.78	22.00
		36	18	20.57	21.11	20.81	21.05	20.73	22.00
		36	39	20.77	21.09	20.70	20.96	20.63	22.00
		75	0	20.83	21.04	20.76	20.98	20.77	22.00
	256QAM	1	0	19.34	19.08	18.75	19.06	18.73	20.00
		1	38	19.10	19.14	18.76	19.06	18.77	20.00
		1	74	19.63	18.93	18.57	18.92	18.49	20.00
		36	0	19.39	19.15	18.84	19.12	18.86	20.00
		36	18	19.40	19.09	18.79	19.02	18.74	20.00
		36	39	19.43	19.05	18.66	19.04	18.67	20.00
		75	0	19.46	19.09	18.82	19.07	18.76	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	24.32	24.18	23.93	24.1	23.91	25.00
		1	50	24.38	24.03	23.7	24	23.66	25.00
		1	99	24.41	24.1	23.66	24.06	23.62	25.00
		50	0	23.5	23.15	22.88	23.13	22.84	24.00
		50	25	23.49	23.12	22.91	23.11	22.84	24.00
		50	50	23.47	23.16	22.74	23.14	22.65	24.00
		100	0	23.46	23.02	22.87	22.96	22.84	24.00
	16QAM	1	0	23.23	23.04	22.74	22.95	22.73	24.00
		1	50	23.48	22.89	22.63	22.85	22.61	24.00
		1	99	23.52	23.03	22.59	22.96	22.52	24.00
		50	0	22.53	22.23	21.89	22.2	21.82	23.00
		50	25	22.42	22.09	21.85	22.01	21.83	23.00
		50	50	22.48	22.09	21.74	22.03	21.67	23.00
		100	0	22.43	22.15	21.8	22.07	21.79	23.00
	64QAM	1	0	22.05	22.10	21.81	22.06	21.78	23.00
		1	50	22.12	22.12	21.70	22.07	21.66	23.00
		1	99	22.11	22.13	21.73	22.07	21.64	23.00
		50	0	20.66	21.07	20.89	21.03	20.81	22.00
		50	25	20.65	21.17	20.88	21.11	20.82	22.00
		50	50	20.86	21.11	20.71	21.05	20.68	22.00
		100	0	20.84	21.08	20.85	21.07	20.78	22.00
	256QAM	1	0	19.40	19.17	18.84	19.12	18.75	20.00
		1	50	19.14	19.18	18.82	19.10	18.81	20.00



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		1	99	19.67	18.99	18.64	18.97	18.56	20.00
		50	0	19.48	19.21	18.89	19.18	18.88	20.00
		50	25	19.43	19.13	18.86	19.05	18.77	20.00
		50	50	19.44	19.14	18.74	19.07	18.70	20.00
		100	0	19.50	19.18	18.86	19.09	18.85	20.00



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LTE Band 41 2496 - 2690 DS12				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	20.94	20.65	20.54	20.61	20.53	21.50
		1	13	21.03	20.64	20.39	20.65	20.26	21.50
		1	24	21	20.6	20.23	20.59	20.19	21.50
		12	0	20.9	20.81	20.44	20.74	20.39	21.50
		12	6	21.12	20.68	20.41	20.64	20.39	21.50
		12	13	21.08	20.62	20.22	20.6	20.14	21.50
		25	0	21.07	20.65	20.37	20.61	20.38	21.50
	16QAM	1	0	20.4	20.35	20.38	20.37	20.33	21.50
		1	13	20.89	20.53	20.17	20.41	20.14	21.50
		1	24	20.8	20.59	20.05	20.51	20.01	21.50
		12	0	20.88	20.73	20.36	20.68	20.29	21.50
		12	6	20.97	20.68	20.3	20.57	20.27	21.50
		12	13	20.91	20.62	20.22	20.55	20.13	21.50
		25	0	20.78	20.62	20.34	20.48	20.28	21.50
	64QAM	1	0	20.75	20.55	20.18	20.53	20.14	21.50
		1	13	20.79	20.49	20.24	20.36	20.28	21.50
		1	24	20.82	20.74	20.10	20.71	20.08	21.50
		12	0	20.94	20.69	20.42	20.63	20.36	21.50
		12	6	20.95	20.61	20.38	20.55	20.25	21.50
		12	13	20.90	20.62	20.23	20.59	20.23	21.50
		25	0	20.94	20.55	20.28	20.56	20.26	21.50
	256QAM	1	0	19.12	19.07	18.90	19.02	18.84	20.00
		1	13	19.41	19.23	18.74	19.17	18.65	20.00
		1	24	19.39	18.98	18.52	18.84	18.50	20.00
		12	0	19.46	19.17	18.89	19.11	18.85	20.00
		12	6	19.41	19.10	18.83	19.11	18.75	20.00
		12	13	19.49	19.11	18.65	19.07	18.59	20.00
		25	0	19.43	19.11	18.88	19.03	18.80	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	20.87	20.63	20.53	20.61	20.51	21.50
		1	25	21.03	20.65	20.35	20.63	20.3	21.50
		1	49	20.96	20.67	20.24	20.55	20.27	21.50
		25	0	20.85	20.8	20.46	20.76	20.41	21.50
		25	13	21.13	20.68	20.48	20.62	20.34	21.50



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		25	25	21.04	20.67	20.24	20.61	20.16	21.50
		50	0	21.11	20.64	20.45	20.6	20.3	21.50
	16QAM	1	0	20.42	20.37	20.38	20.37	20.32	21.50
		1	25	20.86	20.49	20.1	20.43	20.06	21.50
		1	49	20.84	20.61	20.11	20.56	20	21.50
		25	0	20.9	20.72	20.29	20.64	20.29	21.50
		25	13	20.96	20.65	20.36	20.59	20.26	21.50
		25	25	20.92	20.61	20.18	20.6	20.14	21.50
		50	0	20.79	20.56	20.39	20.52	20.25	21.50
	64QAM	1	0	20.75	20.50	20.18	20.48	20.10	21.50
		1	25	20.82	20.44	20.27	20.34	20.22	21.50
		1	49	20.82	20.81	20.10	20.72	20.14	21.50
		25	0	20.96	20.69	20.35	20.64	20.37	21.50
		25	13	20.94	20.65	20.39	20.55	20.29	21.50
		25	25	20.85	20.64	20.20	20.59	20.15	21.50
		50	0	20.93	20.55	20.25	20.52	20.26	21.50
	256QAM	1	0	19.16	19.12	18.84	19.09	18.89	20.00
		1	25	19.41	19.26	18.70	19.20	18.62	20.00
		1	49	19.37	18.96	18.57	18.89	18.49	20.00
		25	0	19.45	19.10	18.90	19.05	18.85	20.00
		25	13	19.49	19.15	18.84	19.04	18.77	20.00
		25	25	19.45	19.17	18.71	19.13	18.66	20.00
		50	0	19.43	19.13	18.88	19.05	18.86	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	20.93	20.61	20.52	20.64	20.55	21.50
		1	38	20.98	20.64	20.36	20.6	20.26	21.50
		1	74	21.02	20.68	20.25	20.58	20.2	21.50
		36	0	20.89	20.77	20.42	20.75	20.36	21.50
		36	18	21.08	20.69	20.42	20.64	20.33	21.50
		36	39	21.06	20.67	20.16	20.58	20.16	21.50
		75	0	21.07	20.71	20.4	20.65	20.32	21.50
	16QAM	1	0	20.47	20.39	20.38	20.3	20.29	21.50
		1	38	20.88	20.46	20.18	20.42	20.1	21.50
		1	74	20.81	20.61	20.05	20.53	20.05	21.50
		36	0	20.86	20.76	20.33	20.63	20.28	21.50
		36	18	20.94	20.68	20.3	20.58	20.3	21.50
		36	39	20.96	20.65	20.21	20.59	20.16	21.50
		75	0	20.75	20.61	20.36	20.49	20.24	21.50



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