

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

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	64QAM	1	0	21.37	21.49	21.28	23.00
		1	13	21.59	21.07	21.56	23.00
		1	24	21.40	21.30	21.23	23.00
		12	0	20.32	20.41	20.26	22.00
		12	6	20.43	20.57	20.47	22.00
		12	13	20.45	20.52	20.61	22.00
		25	0	20.51	20.41	20.48	22.00
	256QAM	1	0	18.22	18.52	18.67	20.00
		1	13	18.35	18.26	18.36	20.00
		1	24	18.78	18.71	18.50	20.00
		12	0	18.56	18.34	18.48	20.00
		12	6	18.41	18.42	18.56	20.00
		12	13	18.58	18.55	18.61	20.00
		25	0	18.63	18.64	18.63	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	22.43	22.40	22.47	24.00
		1	25	22.40	22.44	22.49	24.00
		1	49	22.38	22.41	22.42	24.00
		25	0	22.45	22.45	22.52	24.00
		25	13	22.58	22.46	22.21	24.00
		25	25	22.58	22.50	22.27	24.00
		50	0	22.58	22.59	22.47	24.00
	16QAM	1	0	22.34	22.40	22.32	24.00
		1	25	22.67	22.43	22.57	24.00
		1	49	22.32	22.09	22.13	24.00
		25	0	21.37	21.52	21.38	23.00
		25	13	21.52	21.42	21.29	23.00
		25	25	21.49	21.49	21.47	23.00
		50	0	21.57	21.56	21.62	23.00
	64QAM	1	0	21.35	21.45	21.30	23.00
		1	25	21.59	21.05	21.62	23.00
		1	49	21.40	21.31	21.20	23.00
		25	0	20.39	20.38	20.19	22.00
		25	13	20.41	20.56	20.44	22.00
		25	25	20.47	20.54	20.63	22.00
		50	0	20.50	20.49	20.47	22.00
	256QAM	1	0	18.19	18.51	18.65	20.00
		1	25	18.34	18.22	18.33	20.00



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		1	49	18.80	18.70	18.53	20.00
		25	0	18.57	18.26	18.52	20.00
		25	13	18.40	18.41	18.57	20.00
		25	25	18.59	18.50	18.64	20.00
		50	0	18.64	18.63	18.63	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	22.38	22.36	22.43	24.00
		1	38	22.36	22.38	22.46	24.00
		1	74	22.35	22.34	22.35	24.00
		36	0	22.43	22.38	22.45	24.00
		36	18	22.49	22.41	22.15	24.00
		36	39	22.54	22.46	22.26	24.00
		75	0	22.52	22.50	22.40	24.00
	16QAM	1	0	22.26	22.38	22.26	24.00
		1	38	22.66	22.34	22.50	24.00
		1	74	22.29	22.00	22.09	24.00
		36	0	21.28	21.45	21.35	23.00
		36	18	21.45	21.40	21.25	23.00
		36	39	21.43	21.43	21.43	23.00
		75	0	21.51	21.50	21.57	23.00
	64QAM	1	0	21.33	21.44	21.21	23.00
		1	38	21.54	21.03	21.53	23.00
		1	74	21.31	21.24	21.15	23.00
		36	0	20.31	20.36	20.18	22.00
		36	18	20.36	20.48	20.39	22.00
		36	39	20.43	20.47	20.55	22.00
		75	0	20.42	20.40	20.41	22.00
	256QAM	1	0	18.13	18.48	18.58	20.00
		1	38	18.33	18.20	18.30	20.00
		1	74	18.71	18.62	18.48	20.00
		36	0	18.55	18.25	18.44	20.00
		36	18	18.37	18.34	18.48	20.00
		36	39	18.50	18.48	18.57	20.00
		75	0	18.55	18.55	18.54	20.00



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LTE Band 66 DS12/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.69	22.76	22.45	24.00
		1	2	22.58	22.39	22.52	24.00
		1	5	22.72	22.58	22.52	24.00
		3	0	22.73	22.63	22.56	24.00
		3	1	22.70	22.64	22.55	24.00
		3	3	22.67	22.61	22.55	24.00
		6	0	21.60	21.64	21.59	23.00
	16QAM	1	0	21.65	21.55	21.67	23.00
		1	2	21.61	21.59	21.67	23.00
		1	5	21.67	21.67	21.51	23.00
		3	0	21.68	21.64	21.47	23.00
		3	1	21.64	21.64	21.49	23.00
		3	3	21.67	21.61	21.48	23.00
		6	0	20.60	20.71	20.66	22.00
	64QAM	1	0	20.75	20.58	20.63	22.00
		1	2	20.91	20.63	20.83	22.00
		1	5	20.73	20.53	20.56	22.00
		3	0	20.74	20.50	20.57	22.00
		3	1	20.78	20.50	20.62	22.00
		3	3	20.77	20.51	20.55	22.00
		6	0	19.70	19.74	19.61	21.00
	256QAM	1	0	17.68	17.50	17.59	19.00
		1	2	17.69	17.65	17.57	19.00
		1	5	18.22	17.87	17.98	19.00
		3	0	17.59	17.31	17.38	19.00
		3	1	17.63	17.73	17.72	19.00
		3	3	17.72	17.68	17.77	19.00
		6	0	17.63	17.53	17.63	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.74	22.77	22.41	24.00
		1	7	22.60	22.40	22.47	24.00
		1	14	22.66	22.60	22.53	24.00
		8	0	21.56	21.76	21.61	23.00
		8	4	21.69	21.69	21.77	23.00



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		8	7	21.71	21.69	21.71	23.00
		15	0	21.58	21.65	21.56	23.00
	16QAM	1	0	21.66	21.56	21.60	23.00
		1	7	21.61	21.60	21.60	23.00
		1	14	21.67	21.65	21.43	23.00
		8	0	20.37	20.39	20.58	22.00
		8	4	20.49	20.73	20.74	22.00
		8	7	20.69	20.73	20.64	22.00
		15	0	20.67	20.74	20.68	22.00
		1	0	20.74	20.58	20.55	22.00
	64QAM	1	7	20.88	20.59	20.81	22.00
		1	14	20.75	20.58	20.63	22.00
		8	0	19.39	19.65	19.59	21.00
		8	4	19.55	19.64	19.73	21.00
		8	7	19.73	19.66	19.70	21.00
		15	0	19.72	19.75	19.69	21.00
		1	0	17.70	17.49	17.59	19.00
	256QAM	1	7	17.70	17.71	17.52	19.00
		1	14	18.24	17.85	17.99	19.00
		8	0	17.64	17.34	17.39	19.00
		8	4	17.63	17.76	17.65	19.00
		8	7	17.70	17.74	17.71	19.00
		15	0	17.65	17.54	17.67	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	22.72	22.76	22.44	24.00
		1	13	22.54	22.39	22.50	24.00
		1	24	22.70	22.58	22.55	24.00
		12	0	21.57	21.73	21.65	23.00
		12	6	21.69	21.76	21.76	23.00
		12	13	21.70	21.74	21.78	23.00
		25	0	21.66	21.63	21.55	23.00
	16QAM	1	0	21.69	21.60	21.61	23.00
		1	13	21.54	21.55	21.62	23.00
		1	24	21.60	21.61	21.51	23.00
		12	0	20.36	20.39	20.58	22.00
		12	6	20.46	20.71	20.73	22.00
		12	13	20.69	20.71	20.63	22.00
		25	0	20.67	20.74	20.66	22.00



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	64QAM	1	0	20.80	20.57	20.62	22.00
		1	13	20.89	20.66	20.85	22.00
		1	24	20.74	20.54	20.61	22.00
		12	0	19.43	19.60	19.56	21.00
		12	6	19.53	19.72	19.71	21.00
		12	13	19.68	19.71	19.72	21.00
		25	0	19.67	19.76	19.66	21.00
	256QAM	1	0	17.73	17.46	17.62	19.00
		1	13	17.72	17.70	17.60	19.00
		1	24	18.19	17.86	17.92	19.00
		12	0	17.59	17.32	17.44	19.00
		12	6	17.61	17.78	17.71	19.00
		12	13	17.74	17.67	17.72	19.00
		25	0	17.70	17.57	17.63	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	22.71	22.73	22.45	24.00
		1	25	22.60	22.46	22.50	24.00
		1	49	22.72	22.59	22.54	24.00
		25	0	21.61	21.73	21.63	23.00
		25	13	21.74	21.72	21.70	23.00
		25	25	21.69	21.70	21.73	23.00
		50	0	21.61	21.64	21.59	23.00
	16QAM	1	0	21.70	21.59	21.63	23.00
		1	25	21.55	21.57	21.66	23.00
		1	49	21.61	21.65	21.48	23.00
		25	0	20.39	20.42	20.52	22.00
		25	13	20.45	20.70	20.69	22.00
		25	25	20.72	20.71	20.66	22.00
		50	0	20.62	20.76	20.66	22.00
	64QAM	1	0	20.78	20.62	20.56	22.00
		1	25	20.93	20.64	20.82	22.00
		1	49	20.75	20.51	20.61	22.00
		25	0	19.42	19.62	19.62	21.00
		25	13	19.54	19.69	19.76	21.00
		25	25	19.67	19.68	19.71	21.00
		50	0	19.68	19.75	19.65	21.00
	256QAM	1	0	17.68	17.50	17.57	19.00
		1	25	17.69	17.68	17.58	19.00



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		1	49	18.23	17.83	17.97	19.00
		25	0	17.64	17.26	17.40	19.00
		25	13	17.63	17.76	17.68	19.00
		25	25	17.74	17.75	17.72	19.00
		50	0	17.67	17.58	17.65	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	22.68	22.73	22.42	24.00
		1	38	22.52	22.44	22.49	24.00
		1	74	22.68	22.61	22.50	24.00
		36	0	21.60	21.78	21.66	23.00
		36	18	21.69	21.76	21.76	23.00
		36	39	21.69	21.73	21.75	23.00
		75	0	21.65	21.61	21.60	23.00
	16QAM	1	0	21.69	21.61	21.68	23.00
		1	38	21.57	21.58	21.62	23.00
		1	74	21.62	21.63	21.51	23.00
		36	0	20.39	20.39	20.56	22.00
		36	18	20.44	20.75	20.74	22.00
		36	39	20.72	20.75	20.61	22.00
		75	0	20.66	20.77	20.66	22.00
	64QAM	1	0	20.78	20.59	20.56	22.00
		1	38	20.89	20.60	20.80	22.00
		1	74	20.73	20.58	20.62	22.00
		36	0	19.40	19.63	19.56	21.00
		36	18	19.58	19.67	19.73	21.00
		36	39	19.67	19.71	19.68	21.00
		75	0	19.74	19.70	19.69	21.00
	256QAM	1	0	17.68	17.48	17.62	19.00
		1	38	17.71	17.65	17.52	19.00
		1	74	18.20	17.85	17.93	19.00
		36	0	17.64	17.33	17.37	19.00
		36	18	17.60	17.81	17.68	19.00
		36	39	17.75	17.73	17.72	19.00
		75	0	17.67	17.51	17.64	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.75	22.82	22.50	24.00
		1	50	22.61	22.48	22.55	24.00



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		1	99	22.75	22.65	22.59	24.00
		50	0	21.65	21.80	21.70	23.00
		50	25	21.75	21.78	21.79	23.00
		50	50	21.75	21.78	21.79	23.00
		100	0	21.67	21.70	21.62	23.00
	16QAM	1	0	21.72	21.63	21.69	23.00
		1	50	21.62	21.61	21.69	23.00
		1	99	21.69	21.68	21.52	23.00
		50	0	20.41	20.44	20.60	22.00
		50	25	20.53	20.76	20.77	22.00
		50	50	20.74	20.77	20.70	22.00
		100	0	20.69	20.78	20.72	22.00
	64QAM	1	0	20.82	20.66	20.64	22.00
		1	50	20.97	20.67	20.86	22.00
		1	99	20.82	20.59	20.64	22.00
		50	0	19.45	19.67	19.64	21.00
		50	25	19.62	19.73	19.77	21.00
		50	50	19.75	19.74	19.76	21.00
		100	0	19.76	19.79	19.70	21.00
	256QAM	1	0	17.76	17.51	17.64	19.00
		1	50	17.74	17.74	17.61	19.00
		1	99	18.28	17.88	18.00	19.00
		50	0	17.65	17.35	17.45	19.00
		50	25	17.69	17.82	17.73	19.00
		50	50	17.77	17.76	17.78	19.00
		100	0	17.71	17.60	17.72	19.00



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LTE Band 66 DS14/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.67	20.64	20.55	22.00
		1	2	20.54	20.61	20.51	22.00
		1	5	20.63	20.73	20.68	22.00
		3	0	20.69	20.67	20.62	22.00
		3	1	20.76	20.72	20.74	22.00
		3	3	20.71	20.80	20.77	22.00
		6	0	20.67	20.67	20.59	22.00
	16QAM	1	0	20.51	20.98	20.49	22.00
		1	2	20.79	20.61	20.44	22.00
		1	5	20.91	20.75	20.66	22.00
		3	0	20.70	20.78	20.65	22.00
		3	1	20.72	20.66	20.69	22.00
		3	3	20.66	20.76	20.85	22.00
		6	0	20.71	20.69	20.61	22.00
	64QAM	1	0	20.68	20.65	20.52	22.00
		1	2	20.56	20.49	20.81	22.00
		1	5	20.99	20.79	20.64	22.00
		3	0	21.06	20.76	20.68	22.00
		3	1	21.01	20.76	20.72	22.00
		3	3	21.00	20.74	20.64	22.00
		6	0	19.69	19.71	19.51	21.00
	256QAM	1	0	17.82	17.68	17.80	19.00
		1	2	17.63	17.56	17.24	19.00
		1	5	17.82	17.46	17.68	19.00
		3	0	17.61	17.48	17.52	19.00
		3	1	17.78	17.77	17.73	19.00
		3	3	17.76	17.83	17.81	19.00
		6	0	17.76	17.64	17.70	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	20.66	20.56	20.55	22.00
		1	7	20.62	20.64	20.53	22.00
		1	14	20.67	20.72	20.62	22.00
		8	0	20.65	20.69	20.55	22.00
		8	4	20.79	20.79	20.76	22.00



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		8	7	20.70	20.79	20.77	22.00
		15	0	20.67	20.66	20.65	22.00
	16QAM	1	0	20.51	20.99	20.47	22.00
		1	7	20.79	20.62	20.46	22.00
		1	14	20.93	20.80	20.62	22.00
		8	0	20.72	20.75	20.66	22.00
		8	4	20.67	20.70	20.65	22.00
		8	7	20.68	20.76	20.80	22.00
		15	0	20.72	20.74	20.65	22.00
	64QAM	1	0	20.65	20.71	20.50	22.00
		1	7	20.58	20.46	20.73	22.00
		1	14	21.01	20.80	20.65	22.00
		8	0	19.54	19.73	19.52	21.00
		8	4	19.60	19.70	19.72	21.00
		8	7	19.64	19.81	19.74	21.00
		15	0	19.70	19.66	19.57	21.00
	256QAM	1	0	17.86	17.70	17.78	19.00
		1	7	17.61	17.62	17.21	19.00
		1	14	17.82	17.42	17.66	19.00
		8	0	17.61	17.52	17.57	19.00
		8	4	17.79	17.73	17.74	19.00
		8	7	17.77	17.76	17.80	19.00
		15	0	17.73	17.69	17.67	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.60	20.64	20.50	22.00
		1	13	20.60	20.67	20.51	22.00
		1	24	20.62	20.73	20.64	22.00
		12	0	20.69	20.73	20.63	22.00
		12	6	20.73	20.73	20.78	22.00
		12	13	20.71	20.74	20.75	22.00
		25	0	20.64	20.72	20.63	22.00
	16QAM	1	0	20.48	20.97	20.50	22.00
		1	13	20.73	20.59	20.43	22.00
		1	24	20.90	20.83	20.69	22.00
		12	0	20.69	20.79	20.69	22.00
		12	6	20.75	20.71	20.65	22.00
		12	13	20.68	20.71	20.77	22.00
		25	0	20.66	20.73	20.62	22.00



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	64QAM	1	0	20.66	20.66	20.49	22.00
		1	13	20.53	20.47	20.80	22.00
		1	24	21.01	20.81	20.66	22.00
		12	0	19.53	19.74	19.54	21.00
		12	6	19.58	19.69	19.76	21.00
		12	13	19.68	19.82	19.74	21.00
		25	0	19.73	19.67	19.56	21.00
	256QAM	1	0	17.86	17.73	17.79	19.00
		1	13	17.59	17.61	17.21	19.00
		1	24	17.89	17.43	17.62	19.00
		12	0	17.59	17.51	17.58	19.00
		12	6	17.84	17.74	17.73	19.00
		12	13	17.71	17.77	17.78	19.00
		25	0	17.68	17.65	17.68	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.61	20.57	20.50	22.00
		1	25	20.56	20.65	20.57	22.00
		1	49	20.69	20.78	20.66	22.00
		25	0	20.63	20.73	20.63	22.00
		25	13	20.73	20.74	20.79	22.00
		25	25	20.70	20.77	20.82	22.00
		50	0	20.63	20.71	20.65	22.00
	16QAM	1	0	20.54	21.02	20.52	22.00
		1	25	20.80	20.64	20.48	22.00
		1	49	20.90	20.83	20.70	22.00
		25	0	20.73	20.73	20.69	22.00
		25	13	20.70	20.72	20.70	22.00
		25	25	20.73	20.78	20.81	22.00
		50	0	20.72	20.70	20.68	22.00
	64QAM	1	0	20.65	20.65	20.49	22.00
		1	25	20.56	20.50	20.75	22.00
		1	49	21.04	20.75	20.70	22.00
		25	0	19.53	19.73	19.52	21.00
		25	13	19.64	19.73	19.73	21.00
		25	25	19.68	19.83	19.80	21.00
		50	0	19.71	19.71	19.52	21.00
	256QAM	1	0	17.84	17.71	17.80	19.00
		1	25	17.63	17.55	17.24	19.00



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		1	49	17.83	17.46	17.66	19.00
		25	0	17.54	17.50	17.57	19.00
		25	13	17.80	17.80	17.74	19.00
		25	25	17.72	17.78	17.75	19.00
		50	0	17.73	17.72	17.68	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.64	20.56	20.47	22.00
		1	38	20.58	20.69	20.53	22.00
		1	74	20.70	20.73	20.67	22.00
		36	0	20.64	20.67	20.58	22.00
		36	18	20.79	20.75	20.72	22.00
		36	39	20.72	20.75	20.74	22.00
		75	0	20.70	20.67	20.59	22.00
	16QAM	1	0	20.50	20.97	20.52	22.00
		1	38	20.81	20.58	20.50	22.00
		1	74	20.94	20.83	20.62	22.00
		36	0	20.65	20.71	20.68	22.00
		36	18	20.70	20.72	20.71	22.00
		36	39	20.66	20.72	20.84	22.00
		75	0	20.70	20.73	20.60	22.00
	64QAM	1	0	20.62	20.69	20.57	22.00
		1	38	20.53	20.48	20.78	22.00
		1	74	21.00	20.77	20.68	22.00
		36	0	19.48	19.66	19.49	21.00
		36	18	19.61	19.69	19.72	21.00
		36	39	19.68	19.84	19.79	21.00
		75	0	19.76	19.68	19.56	21.00
	256QAM	1	0	17.84	17.67	17.72	19.00
		1	38	17.60	17.55	17.24	19.00
		1	74	17.88	17.48	17.65	19.00
		36	0	17.54	17.50	17.58	19.00
		36	18	17.81	17.77	17.80	19.00
		36	39	17.71	17.80	17.82	19.00
		75	0	17.74	17.71	17.67	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.68	20.65	20.56	22.00
		1	50	20.63	20.70	20.60	22.00



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		1	99	20.71	20.79	20.70	22.00
		50	0	20.72	20.76	20.64	22.00
		50	25	20.81	20.80	20.80	22.00
		50	50	20.78	20.82	20.83	22.00
		100	0	20.72	20.75	20.66	22.00
	16QAM	1	0	20.56	21.06	20.55	22.00
		1	50	20.82	20.66	20.51	22.00
		1	99	20.98	20.84	20.71	22.00
		50	0	20.74	20.80	20.70	22.00
		50	25	20.76	20.74	20.74	22.00
		50	50	20.75	20.79	20.86	22.00
		100	0	20.74	20.77	20.69	22.00
	64QAM	1	0	20.71	20.72	20.58	22.00
		1	50	20.60	20.51	20.82	22.00
		1	99	21.07	20.83	20.73	22.00
		50	0	19.57	19.75	19.58	21.00
		50	25	19.66	19.77	19.79	21.00
		50	50	19.73	19.87	19.83	21.00
		100	0	19.78	19.74	19.58	21.00
	256QAM	1	0	17.87	17.74	17.81	19.00
		1	50	17.65	17.64	17.25	19.00
		1	99	17.90	17.51	17.70	19.00
		50	0	17.63	17.54	17.59	19.00
		50	25	17.85	17.81	17.81	19.00
		50	50	17.80	17.85	17.83	19.00
		100	0	17.77	17.73	17.76	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	19.17	19.25	19.12	20.50
		1	2	19.20	19.16	19.14	20.50
		1	5	19.27	19.27	19.29	20.50
		3	0	19.26	19.23	19.07	20.50
		3	1	19.42	19.34	19.21	20.50
		3	3	19.34	19.37	19.33	20.50
		6	0	19.32	19.32	19.15	20.50
	16QAM	1	0	18.88	19.29	18.87	20.50
		1	2	18.78	19.16	19.08	20.50
		1	5	18.71	19.17	18.93	20.50
		3	0	19.09	19.09	19.07	20.50
		3	1	19.11	19.14	19.16	20.50
		3	3	19.15	19.22	19.22	20.50
		6	0	19.18	19.20	19.10	20.50
	64QAM	1	0	19.21	19.06	19.05	20.50
		1	2	18.96	19.07	19.18	20.50
		1	5	19.33	19.24	19.14	20.50
		3	0	19.09	19.21	19.13	20.50
		3	1	19.11	19.23	19.20	20.50
		3	3	19.15	19.15	19.18	20.50
		6	0	19.17	19.15	19.19	20.50
	256QAM	1	0	17.26	17.63	17.64	19.00
		1	2	17.32	17.56	17.72	19.00
		1	5	18.22	17.97	17.80	19.00
		3	0	17.73	17.48	17.57	19.00
		3	1	17.54	17.81	17.55	19.00
		3	3	17.75	17.79	17.74	19.00
		6	0	17.59	17.66	17.58	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	19.12	19.25	19.14	20.50
		1	7	19.19	19.23	19.17	20.50
		1	14	19.28	19.31	19.29	20.50
		8	0	19.31	19.23	19.11	20.50
		8	4	19.37	19.35	19.22	20.50



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		8	7	19.27	19.31	19.34	20.50
		15	0	19.28	19.35	19.18	20.50
	16QAM	1	0	18.96	19.24	18.89	20.50
		1	7	18.74	19.14	19.06	20.50
		1	14	18.67	19.12	18.97	20.50
		8	0	19.10	19.13	19.06	20.50
		8	4	19.15	19.20	19.15	20.50
		8	7	19.16	19.16	19.16	20.50
		15	0	19.17	19.24	19.09	20.50
		1	0	19.19	19.10	19.08	20.50
	64QAM	1	7	18.93	19.08	19.26	20.50
		1	14	19.31	19.29	19.15	20.50
		8	0	19.07	19.19	19.15	20.50
		8	4	19.19	19.17	19.23	20.50
		8	7	19.17	19.18	19.16	20.50
		15	0	19.13	19.21	19.19	20.50
		1	0	17.20	17.63	17.66	19.00
	256QAM	1	7	17.36	17.61	17.71	19.00
		1	14	18.21	18.05	17.82	19.00
		8	0	17.72	17.44	17.58	19.00
		8	4	17.61	17.76	17.54	19.00
		8	7	17.78	17.78	17.73	19.00
		15	0	17.63	17.70	17.51	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.17	19.24	19.16	20.50
		1	13	19.13	19.18	19.16	20.50
		1	24	19.26	19.28	19.36	20.50
		12	0	19.29	19.28	19.14	20.50
		12	6	19.43	19.34	19.17	20.50
		12	13	19.32	19.36	19.32	20.50
		25	0	19.28	19.33	19.17	20.50
	16QAM	1	0	18.90	19.27	18.87	20.50
		1	13	18.74	19.11	19.11	20.50
		1	24	18.71	19.17	18.95	20.50
		12	0	19.12	19.12	19.10	20.50
		12	6	19.12	19.17	19.16	20.50
		12	13	19.16	19.22	19.16	20.50
		25	0	19.16	19.16	19.08	20.50



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	64QAM	1	0	19.24	19.06	19.05	20.50
		1	13	18.98	19.10	19.19	20.50
		1	24	19.31	19.28	19.21	20.50
		12	0	19.08	19.16	19.13	20.50
		12	6	19.13	19.22	19.18	20.50
		12	13	19.17	19.18	19.19	20.50
		25	0	19.12	19.18	19.21	20.50
	256QAM	1	0	17.27	17.61	17.66	19.00
		1	13	17.33	17.56	17.74	19.00
		1	24	18.16	18.01	17.81	19.00
		12	0	17.72	17.45	17.64	19.00
		12	6	17.59	17.75	17.54	19.00
		12	13	17.79	17.76	17.74	19.00
		25	0	17.64	17.69	17.57	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.10	19.22	19.10	20.50
		1	25	19.15	19.19	19.21	20.50
		1	49	19.34	19.33	19.35	20.50
		25	0	19.25	19.23	19.08	20.50
		25	13	19.38	19.27	19.22	20.50
		25	25	19.34	19.31	19.30	20.50
		50	0	19.29	19.30	19.17	20.50
	16QAM	1	0	18.94	19.23	18.88	20.50
		1	25	18.75	19.08	19.05	20.50
		1	49	18.68	19.15	18.90	20.50
		25	0	19.16	19.09	19.09	20.50
		25	13	19.16	19.19	19.20	20.50
		25	25	19.15	19.18	19.24	20.50
		50	0	19.14	19.24	19.09	20.50
	64QAM	1	0	19.20	19.07	19.03	20.50
		1	25	18.95	19.11	19.22	20.50
		1	49	19.36	19.22	19.22	20.50
		25	0	19.05	19.22	19.12	20.50
		25	13	19.12	19.25	19.18	20.50
		25	25	19.16	19.14	19.14	20.50
		50	0	19.19	19.17	19.22	20.50
	256QAM	1	0	17.21	17.63	17.65	19.00
		1	25	17.31	17.59	17.72	19.00



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		1	49	18.18	18.00	17.78	19.00
		25	0	17.67	17.47	17.64	19.00
		25	13	17.58	17.73	17.53	19.00
		25	25	17.74	17.80	17.71	19.00
		50	0	17.60	17.67	17.57	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.18	19.24	19.11	20.50
		1	38	19.17	19.17	19.15	20.50
		1	74	19.30	19.33	19.31	20.50
		36	0	19.27	19.29	19.12	20.50
		36	18	19.39	19.28	19.18	20.50
		36	39	19.34	19.37	19.31	20.50
		75	0	19.31	19.37	19.12	20.50
	16QAM	1	0	18.96	19.29	18.93	20.50
		1	38	18.75	19.11	19.05	20.50
		1	74	18.71	19.14	18.97	20.50
		36	0	19.09	19.09	19.10	20.50
		36	18	19.12	19.15	19.18	20.50
		36	39	19.18	19.18	19.16	20.50
		75	0	19.16	19.18	19.15	20.50
	64QAM	1	0	19.22	19.13	19.08	20.50
		1	38	18.92	19.08	19.20	20.50
		1	74	19.35	19.23	19.18	20.50
		36	0	19.12	19.19	19.17	20.50
		36	18	19.12	19.24	19.24	20.50
		36	39	19.16	19.20	19.20	20.50
		75	0	19.15	19.18	19.22	20.50
	256QAM	1	0	17.24	17.62	17.68	19.00
		1	38	17.32	17.57	17.73	19.00
		1	74	18.18	18.00	17.78	19.00
		36	0	17.74	17.50	17.57	19.00
		36	18	17.62	17.78	17.54	19.00
		36	39	17.78	17.74	17.68	19.00
		75	0	17.66	17.69	17.52	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	19.19	19.28	19.19	20.50
		1	50	19.21	19.24	19.22	20.50



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		1	99	19.35	19.34	19.37	20.50
		50	0	19.33	19.31	19.15	20.50
		50	25	19.45	19.36	19.26	20.50
		50	50	19.35	19.38	19.37	20.50
		100	0	19.36	19.38	19.21	20.50
	16QAM	1	0	18.97	19.31	18.94	20.50
		1	50	18.83	19.17	19.12	20.50
		1	99	18.75	19.19	18.99	20.50
		50	0	19.17	19.16	19.14	20.50
		50	25	19.18	19.21	19.21	20.50
		50	50	19.23	19.25	19.25	20.50
		100	0	19.20	19.25	19.17	20.50
	64QAM	1	0	19.25	19.14	19.11	20.50
		1	50	19.01	19.15	19.27	20.50
		1	99	19.38	19.31	19.23	20.50
		50	0	19.13	19.23	19.20	20.50
		50	25	19.20	19.26	19.27	20.50
		50	50	19.24	19.22	19.21	20.50
		100	0	19.21	19.22	19.23	20.50
	256QAM	1	0	17.28	17.70	17.72	19.00
		1	50	17.40	17.65	17.75	19.00
		1	99	18.25	18.06	17.86	19.00
		50	0	17.75	17.53	17.65	19.00
		50	25	17.63	17.82	17.58	19.00
		50	50	17.81	17.81	17.75	19.00
		100	0	17.68	17.74	17.59	19.00



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LTE Band 38 DSI2/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.91	23.50	23.54	24.50
		1	13	23.84	23.57	23.44	24.50
		1	24	23.65	23.19	23.28	24.50
		12	0	22.89	22.74	22.51	23.50
		12	6	22.85	22.69	22.38	23.50
		12	13	22.76	22.63	22.49	23.50
		25	0	22.76	22.59	22.54	23.50
	16QAM	1	0	22.59	22.54	22.35	23.50
		1	13	22.51	22.37	22.19	23.50
		1	24	22.72	22.33	22.05	23.50
		12	0	21.87	21.84	21.43	22.50
		12	6	21.84	21.51	21.42	22.50
		12	13	21.70	21.60	21.31	22.50
		25	0	21.81	21.56	21.54	22.50
	64QAM	1	0	21.77	21.56	21.32	22.50
		1	13	21.51	21.54	21.44	22.50
		1	24	21.42	21.27	21.23	22.50
		12	0	20.79	20.76	20.62	21.50
		12	6	20.79	20.73	20.49	21.50
		12	13	20.70	20.58	20.37	21.50
		25	0	20.76	20.54	20.50	21.50
	256QAM	1	0	18.82	18.64	18.38	19.50
		1	13	18.62	18.76	18.37	19.50
		1	24	18.52	18.52	18.26	19.50
		12	0	18.89	18.77	18.63	19.50
		12	6	18.83	18.52	18.63	19.50
		12	13	18.66	18.63	18.39	19.50
		25	0	18.75	18.58	18.48	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	23.84	23.53	23.52	24.50
		1	25	23.80	23.57	23.40	24.50
		1	49	23.62	23.24	23.25	24.50
		25	0	22.89	22.76	22.47	23.50
		25	13	22.85	22.63	22.37	23.50



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		25	25	22.82	22.64	22.50	23.50
		50	0	22.72	22.64	22.55	23.50
	16QAM	1	0	22.59	22.53	22.38	23.50
		1	25	22.57	22.35	22.24	23.50
		1	49	22.69	22.37	22.03	23.50
		25	0	21.85	21.79	21.48	22.50
		25	13	21.77	21.54	21.42	22.50
		25	25	21.73	21.57	21.38	22.50
		50	0	21.76	21.50	21.56	22.50
		1	0	21.71	21.55	21.36	22.50
	64QAM	1	25	21.50	21.49	21.42	22.50
		1	49	21.43	21.35	21.23	22.50
		25	0	20.84	20.82	20.60	21.50
		25	13	20.81	20.71	20.53	21.50
		25	25	20.77	20.56	20.33	21.50
		50	0	20.73	20.59	20.50	21.50
		1	0	18.77	18.66	18.39	19.50
		1	25	18.60	18.75	18.45	19.50
	256QAM	1	49	18.51	18.51	18.32	19.50
		25	0	18.90	18.79	18.67	19.50
		25	13	18.79	18.56	18.63	19.50
		25	25	18.65	18.62	18.46	19.50
		50	0	18.79	18.52	18.49	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.90	23.52	23.55	24.50
		1	38	23.79	23.51	23.46	24.50
		1	74	23.63	23.20	23.31	24.50
		36	0	22.90	22.75	22.53	23.50
		36	18	22.82	22.67	22.44	23.50
		36	39	22.78	22.63	22.54	23.50
		75	0	22.75	22.59	22.55	23.50
	16QAM	1	0	22.57	22.51	22.38	23.50
		1	38	22.58	22.37	22.23	23.50
		1	74	22.71	22.33	22.00	23.50
		36	0	21.83	21.83	21.48	22.50
		36	18	21.79	21.49	21.38	22.50
		36	39	21.73	21.56	21.36	22.50
		75	0	21.80	21.52	21.56	22.50



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	64QAM	1	0	21.77	21.55	21.33	22.50
		1	38	21.54	21.53	21.46	22.50
		1	74	21.45	21.32	21.21	22.50
		36	0	20.84	20.77	20.61	21.50
		36	18	20.76	20.70	20.54	21.50
		36	39	20.75	20.59	20.30	21.50
		75	0	20.76	20.58	20.47	21.50
	256QAM	1	0	18.75	18.60	18.41	19.50
		1	38	18.61	18.71	18.37	19.50
		1	74	18.52	18.49	18.25	19.50
		36	0	18.82	18.74	18.66	19.50
		36	18	18.82	18.55	18.61	19.50
		36	39	18.67	18.64	18.38	19.50
		75	0	18.77	18.53	18.44	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.92	23.56	23.57	24.50
		1	50	23.87	23.59	23.49	24.50
		1	99	23.70	23.26	23.34	24.50
		50	0	22.93	22.83	22.55	23.50
		50	25	22.88	22.72	22.45	23.50
		50	50	22.84	22.69	22.55	23.50
		100	0	22.81	22.68	22.61	23.50
	16QAM	1	0	22.62	22.59	22.41	23.50
		1	50	22.59	22.42	22.26	23.50
		1	99	22.77	22.41	22.07	23.50
		50	0	21.91	21.86	21.52	22.50
		50	25	21.85	21.56	21.45	22.50
		50	50	21.78	21.61	21.40	22.50
		100	0	21.83	21.59	21.57	22.50
	64QAM	1	0	21.80	21.64	21.37	22.50
		1	50	21.58	21.55	21.49	22.50
		1	99	21.51	21.36	21.30	22.50
		50	0	20.88	20.84	20.66	21.50
		50	25	20.83	20.76	20.57	21.50
		50	50	20.78	20.64	20.38	21.50
		100	0	20.80	20.62	20.56	21.50
	256QAM	1	0	18.84	18.69	18.45	19.50
		1	50	18.66	18.78	18.46	19.50



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		1	99	18.58	18.56	18.34	19.50
		50	0	18.91	18.82	18.68	19.50
		50	25	18.86	18.57	18.66	19.50
		50	50	18.74	18.70	18.47	19.50
		100	0	18.84	18.60	18.51	19.50



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LTE Band 41 2496 - 2690 DSI2/3				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	24.1	24.26	24.04	24.15	23.99	25.00
		1	13	23.88	24.21	24.11	24.13	24.08	25.00
		1	24	23.87	24.06	24.15	23.98	24.07	25.00
		12	0	22.96	23.28	23.34	23.23	23.26	24.00
		12	6	22.82	23.23	23.33	23.18	23.3	24.00
		12	13	22.94	23.21	23.25	23.15	23.15	24.00
		25	0	22.95	23.2	23.27	23.08	23.26	24.00
	16QAM	1	0	22.93	22.91	22.85	22.92	22.8	24.00
		1	13	22.73	22.93	22.86	22.83	22.88	24.00
		1	24	22.68	22.89	22.89	22.86	22.92	24.00
		12	0	22.1	22.26	22.27	22.24	22.2	23.00
		12	6	21.9	22.25	22.3	22.17	22.32	23.00
		12	13	21.95	22.12	22.23	22.16	22.21	23.00
		25	0	21.94	22.2	22.3	22.18	22.17	23.00
	64QAM	1	0	22.73	22.10	22.19	22.04	22.12	23.00
		1	13	22.74	22.16	22.07	22.10	22.01	23.00
		1	24	22.50	21.85	22.22	21.84	22.22	23.00
		12	0	21.06	21.28	21.30	21.26	21.25	22.00
		12	6	21.19	21.24	21.29	21.15	21.29	22.00
		12	13	21.89	21.15	21.18	21.12	21.05	22.00
		25	0	21.98	21.09	21.26	21.12	21.23	22.00
	256QAM	1	0	19.07	19.08	19.20	19.11	19.18	20.00
		1	13	18.74	19.10	19.08	19.08	19.10	20.00
		1	24	18.90	18.89	18.99	18.86	18.93	20.00
		12	0	19.07	19.30	19.28	19.19	19.19	20.00
		12	6	18.99	19.21	19.23	19.19	19.22	20.00
		12	13	18.95	19.21	19.17	19.11	19.12	20.00
		25	0	18.91	19.25	19.35	19.18	19.20	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	24.04	24.19	24.08	24.23	24.05	25.00
		1	25	23.87	24.17	24.07	24.18	24.07	25.00
		1	49	23.82	24.07	24.12	24.06	24.06	25.00
		25	0	22.96	23.27	23.34	23.28	23.34	24.00
		25	13	22.79	23.26	23.35	23.23	23.37	24.00



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		25	25	22.96	23.21	23.26	23.16	23.22	24.00
		50	0	22.91	23.21	23.27	23.12	23.21	24.00
	16QAM	1	0	22.89	22.98	22.86	22.87	22.85	24.00
		1	25	22.77	22.93	22.87	22.83	22.9	24.00
		1	49	22.71	22.85	22.89	22.9	22.92	24.00
		25	0	22.09	22.28	22.27	22.19	22.24	23.00
		25	13	21.96	22.27	22.31	22.23	22.28	23.00
		25	25	21.96	22.13	22.25	22.12	22.18	23.00
		50	0	21.96	22.25	22.3	22.18	22.14	23.00
	64QAM	1	0	22.70	22.09	22.22	21.97	22.16	23.00
		1	25	22.71	22.17	22.03	22.09	21.94	23.00
		1	49	22.53	21.86	22.30	21.88	22.22	23.00
		25	0	21.10	21.33	21.30	21.31	21.27	22.00
		25	13	21.19	21.17	21.34	21.22	21.23	22.00
		25	25	21.86	21.20	21.19	21.16	21.12	22.00
		50	0	21.97	21.10	21.27	21.11	21.20	22.00
	256QAM	1	0	19.14	19.06	19.22	19.06	19.21	20.00
		1	25	18.73	19.16	19.07	19.06	19.08	20.00
		1	49	18.87	18.90	18.98	18.91	18.95	20.00
		25	0	19.09	19.30	19.28	19.21	19.20	20.00
		25	13	18.98	19.20	19.31	19.14	19.23	20.00
		25	25	18.95	19.13	19.21	19.07	19.09	20.00
		50	0	18.94	19.20	19.31	19.19	19.23	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.1	24.26	24.06	24.21	24	25.00
		1	38	23.85	24.21	24.1	24.18	24.07	25.00
		1	74	23.87	24.06	24.13	23.99	24.05	25.00
		36	0	23.03	23.28	23.31	23.25	23.27	24.00
		36	18	22.81	23.22	23.34	23.23	23.35	24.00
		36	39	22.91	23.23	23.26	23.14	23.2	24.00
		75	0	22.98	23.21	23.26	23.12	23.26	24.00
	16QAM	1	0	22.89	22.98	22.91	22.92	22.83	24.00
		1	38	22.79	22.91	22.9	22.91	22.88	24.00
		1	74	22.73	22.89	22.91	22.91	22.86	24.00
		36	0	22.12	22.29	22.33	22.22	22.2	23.00
		36	18	21.92	22.21	22.29	22.18	22.27	23.00
		36	39	21.89	22.15	22.25	22.15	22.14	23.00
		75	0	21.93	22.22	22.28	22.18	22.18	23.00



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	64QAM	1	0	22.68	22.02	22.26	22.00	22.14	23.00
		1	38	22.70	22.16	22.02	22.10	21.94	23.00
		1	74	22.45	21.91	22.24	21.88	22.23	23.00
		36	0	21.03	21.29	21.26	21.26	21.26	22.00
		36	18	21.14	21.16	21.34	21.16	21.26	22.00
		36	39	21.87	21.18	21.14	21.15	21.11	22.00
		75	0	21.95	21.16	21.30	21.12	21.21	22.00
	256QAM	1	0	19.08	19.11	19.22	19.12	19.19	20.00
		1	38	18.70	19.15	19.12	19.07	19.03	20.00
		1	74	18.88	18.96	18.96	18.91	18.98	20.00
		36	0	19.03	19.30	19.29	19.26	19.22	20.00
		36	18	18.98	19.22	19.23	19.17	19.20	20.00
		36	39	18.97	19.18	19.16	19.07	19.15	20.00
		75	0	18.92	19.25	19.27	19.20	19.24	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	24.13	24.27	24.13	24.24	24.08	25.00
		1	50	23.94	24.22	24.15	24.2	24.13	25.00
		1	99	23.91	24.12	24.17	24.07	24.1	25.00
		50	0	23.05	23.36	23.38	23.32	23.35	24.00
		50	25	22.86	23.27	23.42	23.26	23.38	24.00
		50	50	22.97	23.24	23.29	23.23	23.23	24.00
		100	0	23	23.24	23.32	23.17	23.28	24.00
	16QAM	1	0	22.96	23	22.94	22.93	22.89	24.00
		1	50	22.81	22.98	22.95	22.92	22.93	24.00
		1	99	22.74	22.93	22.98	22.92	22.94	24.00
		50	0	22.15	22.34	22.35	22.25	22.29	23.00
		50	25	21.98	22.29	22.34	22.25	22.33	23.00
		50	50	21.97	22.2	22.27	22.18	22.23	23.00
		100	0	22.01	22.27	22.31	22.19	22.23	23.00
	64QAM	1	0	22.76	22.11	22.27	22.05	22.20	23.00
		1	50	22.76	22.21	22.10	22.14	22.03	23.00
		1	99	22.54	21.94	22.31	21.90	22.24	23.00
		50	0	21.12	21.37	21.35	21.35	21.29	22.00
		50	25	21.22	21.25	21.35	21.23	21.31	22.00
		50	50	21.93	21.23	21.20	21.17	21.14	22.00
		100	0	22.00	21.18	21.34	21.16	21.25	22.00
	256QAM	1	0	19.15	19.14	19.27	19.13	19.22	20.00
		1	50	18.75	19.17	19.14	19.12	19.12	20.00



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		1	99	18.92	18.98	19.04	18.95	19.00	20.00
		50	0	19.12	19.34	19.30	19.28	19.23	20.00
		50	25	19.02	19.26	19.32	19.20	19.27	20.00
		50	50	19.01	19.22	19.23	19.14	19.17	20.00
		100	0	19.00	19.28	19.36	19.22	19.29	20.00



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LTE Band 41 2496 - 2690 DS14/5				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	23	23.06	23.03	22.98	23.02	24.00
		1	13	22.84	22.99	22.99	22.98	23.01	24.00
		1	24	22.72	22.95	22.94	22.89	22.94	24.00
		12	0	23.02	23.16	23.16	23.06	23.09	24.00
		12	6	22.89	23.04	23.11	23.05	23.14	24.00
		12	13	22.8	22.99	23.04	22.99	22.96	24.00
		25	0	22.79	23.03	23.12	22.96	23.05	24.00
	16QAM	1	0	22.64	22.88	22.97	22.88	22.86	24.00
		1	13	22.59	22.79	22.9	22.73	22.91	24.00
		1	24	22.67	22.88	22.58	22.81	22.56	24.00
		12	0	22.12	22.4	22.36	22.35	22.28	23.00
		12	6	22.01	22.22	22.26	22.19	22.28	23.00
		12	13	21.87	22.21	22.16	22.17	22.14	23.00
		25	0	22.02	22.19	22.26	22.17	22.21	23.00
	64QAM	1	0	22.51	22.35	22.22	22.22	22.08	23.00
		1	13	22.64	22.13	21.99	22.08	22.02	23.00
		1	24	22.43	22.19	22.11	22.13	22.03	23.00
		12	0	21.07	21.38	21.33	21.30	21.26	22.00
		12	6	21.18	21.21	21.32	21.19	21.19	22.00
		12	13	21.90	21.21	21.22	21.15	21.11	22.00
		25	0	21.26	21.22	21.28	21.21	21.23	22.00
	256QAM	1	0	19.00	19.24	19.17	19.22	19.09	20.00
		1	13	18.77	19.31	19.23	19.27	19.25	20.00
		1	24	18.99	18.99	19.07	18.95	19.05	20.00
		12	0	19.11	19.33	19.34	19.32	19.25	20.00
		12	6	18.95	19.30	19.26	19.25	19.21	20.00
		12	13	18.88	19.24	19.16	19.11	19.18	20.00
		25	0	18.99	19.26	19.28	19.22	19.20	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	22.98	23.04	23.09	23	23.04	24.00
		1	25	22.84	23.01	22.98	23.03	22.95	24.00
		1	49	22.74	22.94	22.95	22.86	22.9	24.00
		25	0	23.02	23.18	23.11	23.05	23.03	24.00
		25	13	22.85	23.07	23.19	23.01	23.13	24.00



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		25	25	22.78	23.03	23	23.02	22.99	24.00
		50	0	22.75	23.06	23.13	22.99	23.05	24.00
	16QAM	1	0	22.7	22.96	22.94	22.85	22.88	24.00
		1	25	22.55	22.78	22.9	22.67	22.85	24.00
		1	49	22.71	22.94	22.57	22.86	22.58	24.00
		25	0	22.1	22.32	22.29	22.32	22.23	23.00
		25	13	22.01	22.22	22.33	22.21	22.2	23.00
		25	25	21.88	22.18	22.15	22.19	22.11	23.00
		50	0	22.03	22.22	22.3	22.2	22.2	23.00
	64QAM	1	0	22.58	22.30	22.22	22.22	22.09	23.00
		1	25	22.66	22.14	22.02	22.13	22.03	23.00
		1	49	22.42	22.18	22.14	22.09	22.01	23.00
		25	0	21.09	21.38	21.35	21.33	21.24	22.00
		25	13	21.20	21.19	21.30	21.17	21.26	22.00
		25	25	21.88	21.19	21.19	21.16	21.10	22.00
		50	0	21.24	21.24	21.30	21.23	21.28	22.00
	256QAM	1	0	19.02	19.25	19.12	19.26	19.11	20.00
		1	25	18.76	19.26	19.27	19.25	19.22	20.00
		1	49	19.01	19.00	19.12	18.95	19.04	20.00
		25	0	19.14	19.33	19.35	19.39	19.32	20.00
		25	13	18.96	19.31	19.28	19.25	19.26	20.00
		25	25	18.89	19.22	19.16	19.15	19.13	20.00
		50	0	18.98	19.30	19.30	19.18	19.24	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	22.94	23.05	23.03	23	23.07	24.00
		1	38	22.86	22.97	22.96	22.96	22.94	24.00
		1	74	22.73	22.96	23	22.89	22.93	24.00
		36	0	23.02	23.15	23.16	23.09	23.06	24.00
		36	18	22.89	23.07	23.13	23.02	23.11	24.00
		36	39	22.82	23.01	23.01	23.04	23.02	24.00
		75	0	22.75	23.01	23.06	23	23.03	24.00
	16QAM	1	0	22.66	22.95	22.89	22.9	22.84	24.00
		1	38	22.62	22.75	22.94	22.73	22.85	24.00
		1	74	22.64	22.91	22.6	22.85	22.56	24.00
		36	0	22.05	22.34	22.33	22.34	22.26	23.00
		36	18	21.96	22.2	22.31	22.17	22.21	23.00
		36	39	21.95	22.22	22.15	22.13	22.1	23.00
		75	0	21.96	22.22	22.3	22.19	22.2	23.00



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	64QAM	1	0	22.51	22.30	22.16	22.27	22.12	23.00
		1	38	22.63	22.21	22.00	22.10	21.98	23.00
		1	74	22.37	22.19	22.08	22.13	22.02	23.00
		36	0	21.10	21.31	21.27	21.32	21.29	22.00
		36	18	21.18	21.20	21.29	21.13	21.23	22.00
		36	39	21.89	21.19	21.20	21.18	21.10	22.00
		75	0	21.26	21.24	21.27	21.21	21.22	22.00
	256QAM	1	0	19.08	19.23	19.16	19.22	19.07	20.00
		1	38	18.80	19.27	19.24	19.25	19.18	20.00
		1	74	18.98	18.97	19.06	18.97	19.03	20.00
		36	0	19.11	19.34	19.27	19.39	19.26	20.00
		36	18	18.93	19.33	19.28	19.24	19.22	20.00
		36	39	18.95	19.22	19.18	19.11	19.21	20.00
		75	0	18.96	19.26	19.31	19.21	19.21	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.03	23.12	23.1	23.03	23.09	24.00
		1	50	22.89	23.05	23.04	23.04	23.03	24.00
		1	99	22.75	23.03	23.02	22.94	22.98	24.00
		50	0	23.04	23.22	23.19	23.14	23.12	24.00
		50	25	22.91	23.12	23.2	23.09	23.16	24.00
		50	50	22.84	23.08	23.08	23.06	23.03	24.00
		100	0	22.84	23.09	23.15	23.04	23.09	24.00
	16QAM	1	0	22.71	22.97	22.98	22.93	22.93	24.00
		1	50	22.63	22.82	22.96	22.74	22.94	24.00
		1	99	22.73	22.95	22.66	22.89	22.59	24.00
		50	0	22.14	22.41	22.37	22.4	22.31	23.00
		50	25	22.05	22.29	22.35	22.23	22.29	23.00
		50	50	21.96	22.26	22.24	22.2	22.17	23.00
		100	0	22.05	22.28	22.31	22.24	22.29	23.00
	64QAM	1	0	22.60	22.38	22.23	22.30	22.14	23.00
		1	50	22.69	22.22	22.06	22.14	22.04	23.00
		1	99	22.46	22.25	22.16	22.16	22.10	23.00
		50	0	21.14	21.39	21.36	21.35	21.31	22.00
		50	25	21.21	21.28	21.35	21.22	21.28	22.00
		50	50	21.97	21.27	21.24	21.20	21.16	22.00
		100	0	21.33	21.30	21.34	21.24	21.30	22.00
	256QAM	1	0	19.09	19.30	19.20	19.29	19.15	20.00
		1	50	18.85	19.34	19.31	19.32	19.27	20.00



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		1	99	19.02	19.04	19.15	18.99	19.09	20.00
		50	0	19.16	19.42	19.36	19.41	19.34	20.00
		50	25	19.00	19.36	19.34	19.33	19.30	20.00
		50	50	18.96	19.25	19.24	19.20	19.22	20.00
		100	0	19.05	19.31	19.36	19.27	19.27	20.00



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LTE Band 41 2496 - 2690 DS18/9/10				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	21.97	22.18	22	22.1	21.95	23.00
		1	13	21.82	21.92	22.03	21.93	21.98	23.00
		1	24	21.75	22	21.99	21.93	21.9	23.00
		12	0	21.96	22.17	22.18	22.13	22.09	23.00
		12	6	21.83	22	22.13	21.91	22.14	23.00
		12	13	21.76	22.03	22.08	21.99	21.95	23.00
		25	0	21.87	22.11	22.08	22.07	22.07	23.00
	16QAM	1	0	21.94	22.15	21.87	22.07	21.87	23.00
		1	13	21.71	21.9	21.88	21.84	21.83	23.00
		1	24	21.58	22.01	21.87	21.92	21.78	23.00
		12	0	21.96	22.16	22.09	22.06	22.02	23.00
		12	6	21.85	22.08	22.17	21.98	22.02	23.00
		12	13	21.73	22.07	22	21.93	21.96	23.00
		25	0	21.82	22.07	22.11	22.01	22.03	23.00
	64QAM	1	0	21.71	21.95	22.06	21.99	21.92	23.00
		1	13	21.55	22.05	21.97	22.08	21.98	23.00
		1	24	21.48	21.90	21.70	21.75	21.67	23.00
		12	0	21.24	21.32	21.34	21.28	21.30	22.00
		12	6	21.79	21.36	21.28	21.29	21.20	22.00
		12	13	21.74	21.22	21.17	21.20	21.15	22.00
		25	0	21.85	21.24	21.33	21.30	21.32	22.00
	256QAM	1	0	19.14	19.33	19.16	19.29	19.10	20.00
		1	13	18.93	19.18	19.10	19.15	19.17	20.00
		1	24	18.84	19.19	18.85	19.17	18.81	20.00
		12	0	19.12	19.40	19.31	19.38	19.29	20.00
		12	6	19.01	19.27	19.28	19.27	19.25	20.00
		12	13	18.97	19.21	19.22	19.21	19.10	20.00
		25	0	19.05	19.29	19.37	19.17	19.33	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	21.92	22.18	21.99	22.03	21.97	23.00
		1	25	21.77	21.94	21.98	21.87	22.01	23.00
		1	49	21.79	22.03	22.01	21.98	21.95	23.00
		25	0	21.96	22.19	22.16	22.1	22.09	23.00
		25	13	21.85	22	22.11	21.93	22.11	23.00



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		25	25	21.77	22.04	22.06	21.92	21.97	23.00
		50	0	21.83	22.08	22.08	22.07	22.11	23.00
	16QAM	1	0	21.99	22.13	21.92	22.06	21.92	23.00
		1	25	21.72	21.93	21.82	21.82	21.75	23.00
		1	49	21.59	22.02	21.81	21.93	21.76	23.00
		25	0	21.95	22.18	22.08	22.13	21.98	23.00
		25	13	21.8	22.07	22.11	21.98	22.07	23.00
		25	25	21.74	22.04	22.03	21.95	21.98	23.00
		50	0	21.8	22.08	22.12	22.01	21.97	23.00
	64QAM	1	0	21.68	21.94	22.04	21.94	21.98	23.00
		1	25	21.56	22.07	22.03	22.03	21.96	23.00
		1	49	21.47	21.89	21.72	21.76	21.69	23.00
		25	0	21.31	21.31	21.30	21.30	21.30	22.00
		25	13	21.78	21.30	21.31	21.33	21.20	22.00
		25	25	21.73	21.27	21.20	21.21	21.12	22.00
		50	0	21.82	21.27	21.37	21.22	21.26	22.00
	256QAM	1	0	19.15	19.36	19.09	19.36	19.02	20.00
		1	25	18.96	19.16	19.12	19.15	19.15	20.00
		1	49	18.83	19.21	18.89	19.21	18.80	20.00
		25	0	19.06	19.38	19.26	19.32	19.26	20.00
		25	13	18.98	19.29	19.30	19.23	19.22	20.00
		25	25	19.02	19.27	19.17	19.26	19.09	20.00
		50	0	19.03	19.30	19.35	19.23	19.30	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	21.9	22.15	21.99	22.06	21.99	23.00
		1	38	21.78	21.97	22.01	21.87	22.01	23.00
		1	74	21.74	22.01	21.98	21.95	21.91	23.00
		36	0	21.89	22.18	22.11	22.08	22.11	23.00
		36	18	21.9	22.03	22.15	21.96	22.15	23.00
		36	39	21.84	22.03	22.02	22	21.98	23.00
		75	0	21.84	22.1	22.08	22.05	22.12	23.00
	16QAM	1	0	21.98	22.14	21.92	22.1	21.89	23.00
		1	38	21.7	21.91	21.83	21.85	21.81	23.00
		1	74	21.59	22	21.84	21.92	21.75	23.00
		36	0	21.93	22.17	22.06	22.14	21.95	23.00
		36	18	21.83	22.09	22.17	22.03	22.05	23.00
		36	39	21.8	22.06	22.03	21.99	21.97	23.00
		75	0	21.8	22.08	22.05	21.98	21.98	23.00



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	64QAM	1	0	21.71	21.99	22.05	21.99	21.93	23.00
		1	38	21.57	22.10	22.03	22.08	22.00	23.00
		1	74	21.47	21.86	21.77	21.74	21.73	23.00
		36	0	21.26	21.33	21.30	21.30	21.25	22.00
		36	18	21.78	21.35	21.32	21.28	21.21	22.00
		36	39	21.75	21.21	21.14	21.20	21.16	22.00
		75	0	21.85	21.28	21.36	21.27	21.32	22.00
	256QAM	1	0	19.13	19.33	19.11	19.34	19.08	20.00
		1	38	18.92	19.18	19.11	19.16	19.13	20.00
		1	74	18.79	19.15	18.85	19.18	18.76	20.00
		36	0	19.14	19.36	19.27	19.33	19.26	20.00
		36	18	19.04	19.27	19.31	19.20	19.26	20.00
		36	39	18.99	19.21	19.22	19.23	19.15	20.00
		75	0	19.03	19.22	19.36	19.18	19.30	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.99	22.21	22.06	22.12	22.04	23.00
		1	50	21.86	21.99	22.06	21.94	22.05	23.00
		1	99	21.82	22.04	22.06	21.99	21.97	23.00
		50	0	21.98	22.2	22.2	22.17	22.15	23.00
		50	25	21.91	22.08	22.2	21.99	22.16	23.00
		50	50	21.85	22.07	22.11	22.01	22.03	23.00
		100	0	21.88	22.13	22.16	22.12	22.13	23.00
	16QAM	1	0	22	22.17	21.95	22.13	21.93	23.00
		1	50	21.77	21.99	21.9	21.91	21.84	23.00
		1	99	21.6	22.09	21.89	22	21.82	23.00
		50	0	22.01	22.21	22.12	22.15	22.04	23.00
		50	25	21.86	22.11	22.18	22.04	22.11	23.00
		50	50	21.81	22.09	22.09	22.01	22.02	23.00
		100	0	21.84	22.12	22.13	22.07	22.05	23.00
	64QAM	1	0	21.74	22.01	22.08	22.00	21.99	23.00
		1	50	21.64	22.12	22.04	22.10	22.03	23.00
		1	99	21.52	21.91	21.78	21.82	21.74	23.00
		50	0	21.32	21.40	21.39	21.35	21.34	22.00
		50	25	21.86	21.38	21.36	21.34	21.27	22.00
		50	50	21.81	21.29	21.23	21.28	21.17	22.00
		100	0	21.88	21.33	21.38	21.31	21.34	22.00
	256QAM	1	0	19.20	19.39	19.18	19.38	19.11	20.00
		1	50	18.98	19.25	19.19	19.22	19.18	20.00



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		1	99	18.85	19.24	18.93	19.22	18.84	20.00
		50	0	19.15	19.45	19.33	19.39	19.32	20.00
		50	25	19.07	19.32	19.34	19.29	19.28	20.00
		50	50	19.05	19.30	19.25	19.27	19.16	20.00
		100	0	19.11	19.31	19.42	19.26	19.39	20.00



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3 Conducted Power of Main Antenna (Ant11)

3.1 Conducted Power of LTE

LTE Band 4 DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.14	22.40	22.21	24.00
		1	2	22.39	22.45	22.20	24.00
		1	5	22.39	22.43	22.37	24.00
		3	0	22.38	22.44	22.41	24.00
		3	2	22.40	22.42	22.37	24.00
		3	3	22.40	22.38	22.40	24.00
		6	0	21.60	21.61	21.49	23.00
	16QAM	1	0	21.64	21.38	21.50	23.00
		1	2	21.64	21.67	21.42	23.00
		1	5	21.63	21.27	21.38	23.00
		3	0	21.55	21.26	21.37	23.00
		3	2	21.59	21.30	21.36	23.00
		3	3	21.63	21.26	21.38	23.00
		6	0	20.43	20.58	20.61	22.00
	64QAM	1	0	21.21	20.37	20.48	22.00
		1	2	21.43	20.43	20.65	22.00
		1	5	21.68	20.57	20.58	22.00
		3	0	21.65	20.64	20.53	22.00
		3	2	21.62	20.57	20.51	22.00
		3	3	21.61	20.58	20.53	22.00
		6	0	20.60	19.60	19.48	21.00
	256QAM	1	0	17.38	17.32	17.37	19.00
		1	2	17.48	17.66	17.03	19.00
		1	5	18.28	17.56	17.54	19.00
		3	0	17.38	17.38	17.56	19.00
		3	2	17.47	17.55	17.46	19.00
		3	3	17.53	17.55	17.65	19.00
		6	0	17.62	17.55	17.53	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.08	22.43	22.21	24.00
		1	7	22.42	22.47	22.15	24.00
		1	14	22.39	22.45	22.40	24.00



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		8	0	21.57	21.55	21.62	23.00
		8	4	21.39	21.56	21.53	23.00
		8	7	21.52	21.60	21.46	23.00
		15	0	21.59	21.57	21.48	23.00
	16QAM	1	0	21.64	21.37	21.44	23.00
		1	7	21.63	21.64	21.39	23.00
		1	14	21.62	21.30	21.34	23.00
		8	0	20.38	20.51	20.46	22.00
		8	4	20.58	20.29	20.62	22.00
		8	7	20.43	20.48	20.65	22.00
		15	0	20.48	20.56	20.60	22.00
	64QAM	1	0	21.16	20.40	20.51	22.00
		1	7	21.44	20.46	20.64	22.00
		1	14	21.61	20.63	20.51	22.00
		8	0	20.62	19.56	19.23	21.00
		8	4	20.59	19.61	19.45	21.00
		8	7	20.40	19.57	19.46	21.00
		15	0	20.58	19.60	19.50	21.00
	256QAM	1	0	17.43	17.39	17.41	19.00
		1	7	17.45	17.68	17.06	19.00
		1	14	18.31	17.57	17.54	19.00
		8	0	17.43	17.41	17.51	19.00
		8	4	17.54	17.61	17.41	19.00
		8	7	17.58	17.58	17.60	19.00
		15	0	17.56	17.62	17.53	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.11	22.42	22.29	24.00
		1	13	22.39	22.44	22.22	24.00
		1	24	22.39	22.45	22.40	24.00
		12	0	21.59	21.56	21.55	23.00
		12	6	21.42	21.63	21.56	23.00
		12	13	21.56	21.60	21.48	23.00
		25	0	21.60	21.54	21.48	23.00
	16QAM	1	0	21.67	21.38	21.48	23.00
		1	13	21.61	21.60	21.39	23.00
		1	24	21.57	21.29	21.37	23.00
		12	0	20.43	20.55	20.49	22.00
		12	6	20.63	20.35	20.67	22.00



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		12	13	20.38	20.48	20.63	22.00
		25	0	20.46	20.54	20.53	22.00
	64QAM	1	0	21.16	20.35	20.54	22.00
		1	13	21.42	20.47	20.64	22.00
		1	24	21.66	20.61	20.56	22.00
		12	0	20.62	19.57	19.26	21.00
		12	6	20.59	19.57	19.37	21.00
		12	13	20.40	19.60	19.47	21.00
		25	0	20.53	19.57	19.55	21.00
		1	0	17.41	17.36	17.41	19.00
	256QAM	1	13	17.50	17.65	17.08	19.00
		1	24	18.23	17.54	17.54	19.00
		12	0	17.36	17.38	17.51	19.00
		12	6	17.55	17.60	17.47	19.00
		12	13	17.54	17.56	17.67	19.00
		25	0	17.54	17.55	17.57	19.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					20000	20175	20350
10MHz	QPSK	1	0	22.13	22.38	22.26	24.00
		1	25	22.35	22.51	22.20	24.00
		1	49	22.32	22.45	22.40	24.00
		25	0	21.62	21.61	21.59	23.00
		25	13	21.43	21.64	21.53	23.00
		25	25	21.59	21.59	21.49	23.00
		50	0	21.60	21.54	21.53	23.00
		1	0	21.67	21.41	21.50	23.00
	16QAM	1	25	21.60	21.63	21.42	23.00
		1	49	21.57	21.26	21.39	23.00
		25	0	20.45	20.54	20.45	22.00
		25	13	20.59	20.27	20.63	22.00
		25	25	20.45	20.47	20.64	22.00
		50	0	20.45	20.60	20.60	22.00
		1	0	21.16	20.37	20.48	22.00
		1	25	21.37	20.45	20.65	22.00
	64QAM	1	49	21.68	20.64	20.51	22.00
		25	0	20.58	19.50	19.22	21.00
		25	13	20.61	19.61	19.43	21.00
		25	25	20.40	19.56	19.47	21.00
		50	0	20.61	19.59	19.54	21.00
		1	0	21.16	20.37	20.48	22.00
		1	25	21.37	20.45	20.65	22.00
		1	49	21.68	20.64	20.51	22.00



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		1	0	17.37	17.37	17.40	19.00
		1	25	17.45	17.61	17.08	19.00
		1	49	18.25	17.56	17.56	19.00
	256QAM	25	0	17.36	17.38	17.49	19.00
		25	13	17.55	17.55	17.42	19.00
		25	25	17.61	17.51	17.60	19.00
		50	0	17.60	17.56	17.53	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.08	22.43	22.24	24.00
		1	38	22.35	22.48	22.17	24.00
		1	74	22.37	22.42	22.43	24.00
		36	0	21.58	21.57	21.57	23.00
		36	18	21.45	21.64	21.54	23.00
		36	39	21.52	21.58	21.45	23.00
		75	0	21.60	21.58	21.49	23.00
	16QAM	1	0	21.66	21.39	21.48	23.00
		1	38	21.60	21.61	21.39	23.00
		1	74	21.61	21.29	21.39	23.00
		36	0	20.42	20.53	20.43	22.00
		36	18	20.59	20.31	20.59	22.00
		36	39	20.45	20.49	20.61	22.00
		75	0	20.48	20.59	20.58	22.00
	64QAM	1	0	21.19	20.34	20.46	22.00
		1	38	21.41	20.40	20.63	22.00
		1	74	21.69	20.58	20.51	22.00
		36	0	20.59	19.54	19.21	21.00
		36	18	20.59	19.58	19.43	21.00
		36	39	20.47	19.59	19.42	21.00
		75	0	20.57	19.58	19.54	21.00
	256QAM	1	0	17.39	17.31	17.39	19.00
		1	38	17.45	17.64	17.03	19.00
		1	74	18.28	17.54	17.52	19.00
		36	0	17.38	17.38	17.53	19.00
		36	18	17.55	17.57	17.42	19.00
		36	39	17.57	17.54	17.59	19.00
		75	0	17.61	17.57	17.54	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	



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20MHz	QPSK	1	0	22.15	22.47	22.30	24.00
		1	50	22.44	22.52	22.23	24.00
		1	99	22.41	22.47	22.44	24.00
		50	0	21.65	21.63	21.64	23.00
		50	25	21.48	21.65	21.61	23.00
		50	50	21.61	21.64	21.54	23.00
		100	0	21.64	21.62	21.54	23.00
	16QAM	1	0	21.73	21.44	21.52	23.00
		1	50	21.69	21.69	21.43	23.00
		1	99	21.64	21.35	21.40	23.00
		50	0	20.47	20.56	20.50	22.00
		50	25	20.65	20.36	20.68	22.00
		50	50	20.47	20.55	20.66	22.00
		100	0	20.51	20.62	20.62	22.00
	64QAM	1	0	21.25	20.41	20.55	22.00
		1	50	21.45	20.48	20.72	22.00
		1	99	21.70	20.65	20.59	22.00
		50	0	20.66	19.58	19.30	21.00
		50	25	20.64	19.64	19.46	21.00
		50	50	20.49	19.61	19.48	21.00
		100	0	20.62	19.65	19.57	21.00
	256QAM	1	0	17.45	17.40	17.43	19.00
		1	50	17.54	17.69	17.11	19.00
		1	99	18.32	17.60	17.58	19.00
		50	0	17.44	17.46	17.57	19.00
		50	25	17.56	17.63	17.49	19.00
		50	50	17.62	17.59	17.68	19.00
		100	0	17.63	17.64	17.62	19.00



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LTE Band 4 DS12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	17.10	17.07	17.08	18.50
		1	2	17.09	17.11	17.00	18.50
		1	5	17.35	17.16	17.16	18.50
		3	0	17.21	17.16	17.07	18.50
		3	2	17.30	17.18	17.16	18.50
		3	3	17.16	17.16	17.06	18.50
		6	0	17.10	17.17	17.17	18.50
	16QAM	1	0	17.43	17.13	17.16	18.50
		1	2	17.22	16.91	17.18	18.50
		1	5	17.56	17.17	17.18	18.50
		3	0	17.23	17.17	17.08	18.50
		3	2	17.23	17.25	17.19	18.50
		3	3	17.17	17.13	16.96	18.50
		6	0	17.14	17.21	17.15	18.50
	64QAM	1	0	17.10	16.97	17.14	18.50
		1	2	17.11	17.18	17.03	18.50
		1	5	17.25	16.90	17.56	18.50
		3	0	17.17	17.26	17.16	18.50
		3	2	17.25	17.19	17.12	18.50
		3	3	17.16	17.14	17.14	18.50
		6	0	17.13	17.29	17.08	18.50
	256QAM	1	0	16.80	17.06	17.02	18.50
		1	2	17.20	17.15	16.61	18.50
		1	5	18.23	17.13	17.70	18.50
		3	0	17.19	17.17	17.05	18.50
		3	2	17.14	17.19	17.03	18.50
		3	3	17.14	17.07	17.01	18.50
		6	0	17.07	17.14	17.05	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	17.08	17.07	17.07	18.50
		1	7	17.12	17.15	17.04	18.50
		1	14	17.39	17.13	17.11	18.50
		8	0	17.25	17.14	17.07	18.50
		8	4	17.26	17.18	17.20	18.50



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		8	7	17.19	17.14	17.02	18.50
		15	0	17.12	17.21	17.15	18.50
	16QAM	1	0	17.48	17.15	17.21	18.50
		1	7	17.18	16.90	17.21	18.50
		1	14	17.56	17.17	17.22	18.50
		8	0	17.28	17.19	17.10	18.50
		8	4	17.21	17.21	17.20	18.50
		8	7	17.18	17.14	17.00	18.50
		15	0	17.11	17.20	17.14	18.50
		1	0	17.09	16.95	17.16	18.50
	64QAM	1	7	17.14	17.18	17.03	18.50
		1	14	17.21	16.90	17.62	18.50
		8	0	17.18	17.22	17.16	18.50
		8	4	17.27	17.16	17.19	18.50
		8	7	17.13	17.19	17.15	18.50
		15	0	17.20	17.27	17.06	18.50
		1	0	16.78	17.03	17.04	18.50
	256QAM	1	7	17.19	17.16	16.54	18.50
		1	14	18.18	17.07	17.69	18.50
		8	0	17.22	17.13	17.09	18.50
		8	4	17.14	17.19	17.00	18.50
		8	7	17.13	17.11	17.03	18.50
		15	0	17.05	17.09	17.08	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	17.11	17.11	17.10	18.50
		1	13	17.14	17.08	17.02	18.50
		1	24	17.32	17.09	17.13	18.50
		12	0	17.27	17.18	17.08	18.50
		12	6	17.27	17.20	17.17	18.50
		12	13	17.15	17.12	17.01	18.50
		25	0	17.13	17.15	17.21	18.50
	16QAM	1	0	17.48	17.07	17.16	18.50
		1	13	17.23	16.93	17.20	18.50
		1	24	17.52	17.19	17.15	18.50
		12	0	17.23	17.21	17.13	18.50
		12	6	17.22	17.22	17.15	18.50
		12	13	17.15	17.07	16.98	18.50
		25	0	17.15	17.22	17.14	18.50



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	64QAM	1	0	17.11	16.97	17.12	18.50
		1	13	17.15	17.19	17.00	18.50
		1	24	17.28	16.88	17.60	18.50
		12	0	17.16	17.23	17.19	18.50
		12	6	17.26	17.16	17.15	18.50
		12	13	17.09	17.13	17.14	18.50
		25	0	17.19	17.25	17.05	18.50
	256QAM	1	0	16.77	17.01	17.04	18.50
		1	13	17.17	17.17	16.59	18.50
		1	24	18.22	17.08	17.67	18.50
		12	0	17.18	17.17	17.02	18.50
		12	6	17.20	17.21	16.99	18.50
		12	13	17.13	17.11	17.03	18.50
		25	0	17.10	17.15	17.13	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	17.06	17.10	17.09	18.50
		1	25	17.11	17.11	17.03	18.50
		1	49	17.36	17.13	17.12	18.50
		25	0	17.27	17.15	17.06	18.50
		25	13	17.25	17.18	17.16	18.50
		25	25	17.22	17.10	17.00	18.50
		50	0	17.08	17.20	17.21	18.50
	16QAM	1	0	17.40	17.08	17.18	18.50
		1	25	17.17	16.97	17.19	18.50
		1	49	17.52	17.17	17.14	18.50
		25	0	17.24	17.16	17.11	18.50
		25	13	17.20	17.26	17.16	18.50
		25	25	17.19	17.10	16.95	18.50
		50	0	17.18	17.21	17.15	18.50
	64QAM	1	0	17.08	16.91	17.20	18.50
		1	25	17.18	17.17	16.99	18.50
		1	49	17.23	16.92	17.59	18.50
		25	0	17.21	17.24	17.16	18.50
		25	13	17.25	17.17	17.13	18.50
		25	25	17.11	17.15	17.09	18.50
		50	0	17.12	17.28	17.13	18.50
	256QAM	1	0	16.81	17.03	17.04	18.50
		1	25	17.16	17.16	16.54	18.50



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		1	49	18.24	17.09	17.69	18.50
		25	0	17.19	17.14	17.09	18.50
		25	13	17.17	17.14	17.00	18.50
		25	25	17.13	17.11	17.08	18.50
		50	0	17.03	17.11	17.13	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	17.12	17.07	17.05	18.50
		1	38	17.08	17.08	16.99	18.50
		1	74	17.36	17.11	17.13	18.50
		36	0	17.26	17.11	17.08	18.50
		36	18	17.22	17.21	17.20	18.50
		36	39	17.20	17.14	17.03	18.50
		75	0	17.10	17.16	17.20	18.50
	16QAM	1	0	17.42	17.14	17.14	18.50
		1	38	17.17	16.90	17.23	18.50
		1	74	17.55	17.13	17.21	18.50
		36	0	17.27	17.15	17.11	18.50
		36	18	17.22	17.21	17.18	18.50
		36	39	17.14	17.08	16.96	18.50
		75	0	17.17	17.21	17.14	18.50
	64QAM	1	0	17.12	16.92	17.18	18.50
		1	38	17.17	17.20	17.04	18.50
		1	74	17.22	16.95	17.58	18.50
		36	0	17.15	17.27	17.19	18.50
		36	18	17.31	17.21	17.18	18.50
		36	39	17.08	17.15	17.10	18.50
		75	0	17.18	17.27	17.11	18.50
	256QAM	1	0	16.79	16.98	17.00	18.50
		1	38	17.23	17.22	16.53	18.50
		1	74	18.23	17.12	17.65	18.50
		36	0	17.23	17.10	17.09	18.50
		36	18	17.12	17.22	17.06	18.50
		36	39	17.20	17.14	17.07	18.50
		75	0	17.11	17.13	17.13	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	17.13	17.14	17.14	18.50
		1	50	17.17	17.16	17.07	18.50



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		1	99	17.40	17.17	17.20	18.50
		50	0	17.30	17.20	17.13	18.50
		50	25	17.31	17.26	17.21	18.50
		50	50	17.24	17.17	17.07	18.50
		100	0	17.15	17.22	17.22	18.50
	16QAM	1	0	17.49	17.16	17.22	18.50
		1	50	17.24	16.99	17.27	18.50
		1	99	17.58	17.20	17.23	18.50
		50	0	17.30	17.24	17.16	18.50
		50	25	17.25	17.28	17.22	18.50
		50	50	17.20	17.15	17.02	18.50
		100	0	17.19	17.23	17.18	18.50
	64QAM	1	0	17.13	16.99	17.21	18.50
		1	50	17.19	17.25	17.06	18.50
		1	99	17.29	16.96	17.63	18.50
		50	0	17.24	17.31	17.22	18.50
		50	25	17.33	17.25	17.20	18.50
		50	50	17.17	17.22	17.17	18.50
		100	0	17.21	17.30	17.14	18.50
	256QAM	1	0	16.86	17.07	17.09	18.50
		1	50	17.24	17.24	16.62	18.50
		1	99	18.25	17.14	17.71	18.50
		50	0	17.26	17.19	17.10	18.50
		50	25	17.21	17.23	17.08	18.50
		50	50	17.21	17.15	17.10	18.50
		100	0	17.12	17.18	17.14	18.50



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LTE Band 4 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	16.17	16.18	16.22	17.50
		1	2	16.22	16.20	16.05	17.50
		1	5	16.37	16.27	16.27	17.50
		3	0	16.26	16.24	16.24	17.50
		3	2	16.30	16.24	16.25	17.50
		3	3	16.31	16.19	16.15	17.50
		6	0	16.25	16.37	16.24	17.50
	16QAM	1	0	16.25	16.29	16.19	17.50
		1	2	16.39	16.09	16.27	17.50
		1	5	16.44	16.25	16.16	17.50
		3	0	16.31	16.34	16.24	17.50
		3	2	16.40	16.35	16.33	17.50
		3	3	16.38	16.32	16.21	17.50
		6	0	16.30	16.29	16.21	17.50
	64QAM	1	0	16.13	16.29	16.35	17.50
		1	2	16.48	16.43	16.11	17.50
		1	5	16.46	16.42	16.37	17.50
		3	0	16.44	16.26	16.16	17.50
		3	2	16.30	16.38	16.17	17.50
		3	3	16.18	16.19	16.21	17.50
		6	0	16.36	16.34	16.26	17.50
	256QAM	1	0	16.19	16.02	15.78	17.50
		1	2	16.29	16.17	16.06	17.50
		1	5	17.47	16.28	16.90	17.50
		3	0	15.52	16.28	16.05	17.50
		3	2	16.36	16.26	16.19	17.50
		3	3	16.31	16.20	16.25	17.50
		6	0	16.22	16.16	16.28	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	16.23	16.21	16.23	17.50
		1	7	16.20	16.22	16.12	17.50
		1	14	16.31	16.28	16.27	17.50
		8	0	16.28	16.26	16.22	17.50
		8	4	16.33	16.29	16.27	17.50



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		8	7	16.33	16.11	16.12	17.50
		15	0	16.17	16.31	16.22	17.50
	16QAM	1	0	16.29	16.33	16.25	17.50
		1	7	16.41	16.15	16.19	17.50
		1	14	16.41	16.26	16.19	17.50
		8	0	16.30	16.26	16.24	17.50
		8	4	16.42	16.35	16.27	17.50
		8	7	16.35	16.31	16.24	17.50
		15	0	16.33	16.25	16.28	17.50
		1	0	16.14	16.32	16.31	17.50
	64QAM	1	7	16.41	16.43	16.10	17.50
		1	14	16.41	16.38	16.37	17.50
		8	0	16.41	16.32	16.13	17.50
		8	4	16.31	16.33	16.16	17.50
		8	7	16.23	16.24	16.20	17.50
		15	0	16.39	16.31	16.24	17.50
		1	0	16.19	16.04	15.77	17.50
	256QAM	1	7	16.21	16.15	16.10	17.50
		1	14	17.43	16.33	16.86	17.50
		8	0	15.59	16.32	16.03	17.50
		8	4	16.35	16.29	16.20	17.50
		8	7	16.30	16.22	16.24	17.50
		15	0	16.19	16.18	16.26	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	16.16	16.24	16.18	17.50
		1	13	16.20	16.21	16.05	17.50
		1	24	16.32	16.25	16.23	17.50
		12	0	16.29	16.19	16.22	17.50
		12	6	16.31	16.30	16.27	17.50
		12	13	16.35	16.16	16.14	17.50
		25	0	16.25	16.33	16.25	17.50
	16QAM	1	0	16.26	16.28	16.24	17.50
		1	13	16.36	16.10	16.25	17.50
		1	24	16.40	16.25	16.21	17.50
		12	0	16.31	16.34	16.26	17.50
		12	6	16.45	16.36	16.32	17.50
		12	13	16.31	16.33	16.22	17.50
		25	0	16.33	16.26	16.24	17.50



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	64QAM	1	0	16.18	16.28	16.29	17.50
		1	13	16.46	16.41	16.12	17.50
		1	24	16.41	16.36	16.31	17.50
		12	0	16.40	16.29	16.09	17.50
		12	6	16.36	16.32	16.17	17.50
		12	13	16.20	16.21	16.21	17.50
		25	0	16.36	16.31	16.23	17.50
	256QAM	1	0	16.21	16.00	15.77	17.50
		1	13	16.22	16.17	16.05	17.50
		1	24	17.41	16.32	16.91	17.50
		12	0	15.58	16.31	16.05	17.50
		12	6	16.30	16.25	16.24	17.50
		12	13	16.29	16.19	16.20	17.50
		25	0	16.23	16.18	16.28	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	16.19	16.20	16.18	17.50
		1	25	16.22	16.25	16.05	17.50
		1	49	16.32	16.24	16.26	17.50
		25	0	16.25	16.19	16.22	17.50
		25	13	16.37	16.25	16.21	17.50
		25	25	16.29	16.19	16.15	17.50
		50	0	16.21	16.30	16.30	17.50
	16QAM	1	0	16.31	16.29	16.18	17.50
		1	25	16.37	16.15	16.22	17.50
		1	49	16.39	16.26	16.21	17.50
		25	0	16.29	16.26	16.20	17.50
		25	13	16.46	16.38	16.30	17.50
		25	25	16.35	16.34	16.26	17.50
		50	0	16.30	16.32	16.26	17.50
	64QAM	1	0	16.16	16.32	16.30	17.50
		1	25	16.48	16.43	16.08	17.50
		1	49	16.44	16.41	16.36	17.50
		25	0	16.38	16.31	16.12	17.50
		25	13	16.34	16.33	16.17	17.50
		25	25	16.26	16.20	16.20	17.50
		50	0	16.37	16.30	16.28	17.50
	256QAM	1	0	16.19	16.08	15.82	17.50
		1	25	16.22	16.16	16.05	17.50



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		1	49	17.43	16.29	16.91	17.50
		25	0	15.55	16.25	16.06	17.50
		25	13	16.30	16.28	16.21	17.50
		25	25	16.31	16.18	16.26	17.50
		50	0	16.17	16.20	16.27	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	16.18	16.24	16.20	17.50
		1	38	16.20	16.20	16.09	17.50
		1	74	16.36	16.25	16.22	17.50
		36	0	16.27	16.24	16.23	17.50
		36	18	16.38	16.30	16.20	17.50
		36	39	16.34	16.11	16.19	17.50
		75	0	16.17	16.36	16.27	17.50
	16QAM	1	0	16.28	16.29	16.19	17.50
		1	38	16.36	16.13	16.21	17.50
		1	74	16.38	16.27	16.13	17.50
		36	0	16.34	16.32	16.21	17.50
		36	18	16.45	16.31	16.31	17.50
		36	39	16.39	16.32	16.18	17.50
		75	0	16.33	16.29	16.24	17.50
	64QAM	1	0	16.21	16.33	16.37	17.50
		1	38	16.47	16.43	16.10	17.50
		1	74	16.38	16.40	16.34	17.50
		36	0	16.38	16.29	16.09	17.50
		36	18	16.35	16.33	16.20	17.50
		36	39	16.22	16.17	16.22	17.50
		75	0	16.39	16.33	16.27	17.50
	256QAM	1	0	16.23	16.01	15.81	17.50
		1	38	16.27	16.13	16.04	17.50
		1	74	17.46	16.31	16.86	17.50
		36	0	15.53	16.28	16.05	17.50
		36	18	16.32	16.21	16.24	17.50
		36	39	16.28	16.17	16.26	17.50
		75	0	16.20	16.15	16.28	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	16.15	16.17	16.16	17.50
		1	50	16.16	16.19	16.03	17.50



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		1	99	16.29	16.23	16.20	17.50
		50	0	16.21	16.18	16.20	17.50
		50	25	16.29	16.23	16.19	17.50
		50	50	16.28	16.10	16.10	17.50
		100	0	16.16	16.29	16.21	17.50
	16QAM	1	0	16.24	16.24	16.16	17.50
		1	50	16.35	16.06	16.18	17.50
		1	99	16.37	16.20	16.12	17.50
		50	0	16.28	16.25	16.17	17.50
		50	25	16.38	16.30	16.26	17.50
		50	50	16.30	16.27	16.17	17.50
		100	0	16.24	16.24	16.19	17.50
	64QAM	1	0	16.12	16.27	16.28	17.50
		1	50	16.39	16.34	16.07	17.50
		1	99	16.37	16.35	16.28	17.50
		50	0	16.36	16.24	16.07	17.50
		50	25	16.29	16.30	16.14	17.50
		50	50	16.17	16.16	16.16	17.50
		100	0	16.33	16.25	16.21	17.50
	256QAM	1	0	16.14	15.99	15.76	17.50
		1	50	16.20	16.12	16.02	17.50
		1	99	17.40	16.24	16.82	17.50
		50	0	15.50	16.24	15.97	17.50
		50	25	16.29	16.20	16.16	17.50
		50	50	16.26	16.16	16.17	17.50
		100	0	16.16	16.14	16.21	17.50



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LTE Band 4 DS15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.48	19.49	19.41	21.00
		1	2	19.42	19.49	19.22	21.00
		1	5	19.63	19.67	19.51	21.00
		3	0	19.39	19.48	19.48	21.00
		3	2	19.47	19.60	19.48	21.00
		3	3	19.54	19.50	19.50	21.00
		6	0	19.60	19.65	19.51	21.00
	16QAM	1	0	19.70	19.49	19.29	21.00
		1	2	19.95	19.40	19.45	21.00
		1	5	19.79	19.65	19.57	21.00
		3	0	19.57	19.61	19.44	21.00
		3	2	19.44	19.64	19.60	21.00
		3	3	19.43	19.51	19.28	21.00
		6	0	19.48	19.56	19.36	21.00
	64QAM	1	0	19.36	19.52	19.60	21.00
		1	2	19.48	19.39	19.56	21.00
		1	5	19.66	19.43	19.68	21.00
		3	0	19.54	19.56	19.13	21.00
		3	2	19.38	19.64	19.56	21.00
		3	3	19.57	19.62	19.62	21.00
		6	0	19.39	19.60	19.66	21.00
	256QAM	1	0	17.68	17.34	17.51	19.00
		1	2	17.83	17.59	17.18	19.00
		1	5	17.85	17.25	17.59	19.00
		3	0	17.49	17.49	17.44	19.00
		3	2	17.35	17.59	17.59	19.00
		3	3	17.45	17.57	17.51	19.00
		6	0	17.67	17.52	17.55	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	19.54	19.51	19.41	21.00
		1	7	19.47	19.46	19.19	21.00
		1	14	19.61	19.61	19.49	21.00
		8	0	19.43	19.55	19.54	21.00
		8	4	19.45	19.63	19.49	21.00



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		8	7	19.54	19.51	19.46	21.00
		15	0	19.59	19.57	19.51	21.00
	16QAM	1	0	19.68	19.54	19.30	21.00
		1	7	19.96	19.37	19.46	21.00
		1	14	19.85	19.68	19.58	21.00
		8	0	19.56	19.56	19.44	21.00
		8	4	19.37	19.57	19.62	21.00
		8	7	19.42	19.53	19.34	21.00
		15	0	19.50	19.54	19.32	21.00
	64QAM	1	0	19.38	19.47	19.58	21.00
		1	7	19.51	19.38	19.55	21.00
		1	14	19.63	19.45	19.66	21.00
		8	0	19.49	19.61	19.12	21.00
		8	4	19.39	19.63	19.58	21.00
		8	7	19.59	19.60	19.64	21.00
		15	0	19.34	19.56	19.58	21.00
	256QAM	1	0	17.74	17.31	17.52	19.00
		1	7	17.85	17.61	17.13	19.00
		1	14	17.84	17.22	17.55	19.00
		8	0	17.50	17.54	17.44	19.00
		8	4	17.35	17.63	17.57	19.00
		8	7	17.51	17.49	17.53	19.00
		15	0	17.71	17.58	17.62	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.46	19.48	19.45	21.00
		1	13	19.45	19.48	19.23	21.00
		1	24	19.62	19.63	19.48	21.00
		12	0	19.39	19.47	19.49	21.00
		12	6	19.50	19.65	19.49	21.00
		12	13	19.58	19.49	19.51	21.00
		25	0	19.55	19.65	19.51	21.00
	16QAM	1	0	19.67	19.49	19.32	21.00
		1	13	19.88	19.40	19.47	21.00
		1	24	19.84	19.71	19.64	21.00
		12	0	19.59	19.56	19.43	21.00
		12	6	19.44	19.58	19.62	21.00
		12	13	19.44	19.51	19.28	21.00
		25	0	19.48	19.59	19.36	21.00
	64QAM	1	0	19.35	19.44	19.61	21.00



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		1	13	19.51	19.39	19.55	21.00
		1	24	19.63	19.48	19.67	21.00
		12	0	19.53	19.56	19.12	21.00
		12	6	19.35	19.59	19.63	21.00
		12	13	19.56	19.63	19.60	21.00
		25	0	19.41	19.58	19.60	21.00
	256QAM	1	0	17.72	17.27	17.50	19.00
		1	13	17.81	17.62	17.17	19.00
		1	24	17.79	17.21	17.51	19.00
		12	0	17.53	17.52	17.45	19.00
		12	6	17.35	17.59	17.58	19.00
		12	13	17.47	17.56	17.49	19.00
		25	0	17.68	17.56	17.56	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.47	19.47	19.41	21.00
		1	25	19.49	19.48	19.27	21.00
		1	49	19.63	19.61	19.49	21.00
		25	0	19.40	19.50	19.49	21.00
		25	13	19.50	19.60	19.51	21.00
		25	25	19.60	19.46	19.46	21.00
		50	0	19.57	19.64	19.48	21.00
	16QAM	1	0	19.68	19.52	19.28	21.00
		1	25	19.89	19.32	19.42	21.00
		1	49	19.84	19.68	19.64	21.00
		25	0	19.52	19.57	19.45	21.00
		25	13	19.37	19.59	19.60	21.00
		25	25	19.39	19.56	19.33	21.00
		50	0	19.47	19.58	19.38	21.00
	64QAM	1	0	19.34	19.52	19.55	21.00
		1	25	19.50	19.37	19.53	21.00
		1	49	19.63	19.43	19.69	21.00
		25	0	19.49	19.58	19.09	21.00
		25	13	19.34	19.61	19.57	21.00
		25	25	19.54	19.65	19.58	21.00
		50	0	19.37	19.64	19.63	21.00
	256QAM	1	0	17.70	17.27	17.53	19.00
		1	25	17.84	17.57	17.11	19.00
		1	49	17.79	17.26	17.54	19.00



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		25	0	17.49	17.52	17.45	19.00
		25	13	17.38	17.59	17.59	19.00
		25	25	17.51	17.55	17.47	19.00
		50	0	17.70	17.55	17.55	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.50	19.44	19.46	21.00
		1	38	19.48	19.47	19.21	21.00
		1	74	19.66	19.62	19.46	21.00
		36	0	19.42	19.47	19.54	21.00
		36	18	19.51	19.64	19.46	21.00
		36	39	19.59	19.43	19.51	21.00
		75	0	19.57	19.57	19.50	21.00
	16QAM	1	0	19.74	19.51	19.27	21.00
		1	38	19.93	19.33	19.42	21.00
		1	74	19.84	19.70	19.62	21.00
		36	0	19.53	19.58	19.40	21.00
		36	18	19.42	19.57	19.59	21.00
		36	39	19.42	19.55	19.28	21.00
		75	0	19.46	19.61	19.35	21.00
	64QAM	1	0	19.38	19.47	19.60	21.00
		1	38	19.47	19.38	19.60	21.00
		1	74	19.69	19.47	19.68	21.00
		36	0	19.55	19.60	19.08	21.00
		36	18	19.40	19.59	19.62	21.00
		36	39	19.55	19.63	19.63	21.00
		75	0	19.38	19.57	19.63	21.00
	256QAM	1	0	17.74	17.29	17.48	19.00
		1	38	17.88	17.55	17.17	19.00
		1	74	17.84	17.25	17.54	19.00
		36	0	17.52	17.46	17.43	19.00
		36	18	17.43	17.60	17.57	19.00
		36	39	17.43	17.50	17.48	19.00
		75	0	17.64	17.55	17.57	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.55	19.53	19.47	21.00
		1	50	19.51	19.50	19.28	21.00
		1	99	19.67	19.68	19.52	21.00



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		50	0	19.46	19.56	19.57	21.00
		50	25	19.54	19.68	19.55	21.00
		50	50	19.63	19.52	19.54	21.00
		100	0	19.62	19.66	19.53	21.00
	16QAM	1	0	19.76	19.57	19.34	21.00
		1	50	19.97	19.41	19.48	21.00
		1	99	19.86	19.72	19.66	21.00
		50	0	19.61	19.63	19.47	21.00
		50	25	19.45	19.65	19.63	21.00
		50	50	19.46	19.58	19.35	21.00
		100	0	19.55	19.63	19.40	21.00
	64QAM	1	0	19.40	19.53	19.63	21.00
		1	50	19.52	19.43	19.62	21.00
		1	99	19.70	19.49	19.75	21.00
		50	0	19.58	19.63	19.16	21.00
		50	25	19.43	19.66	19.65	21.00
		50	50	19.61	19.66	19.65	21.00
		100	0	19.42	19.65	19.67	21.00
	256QAM	1	0	17.76	17.36	17.55	19.00
		1	50	17.89	17.63	17.19	19.00
		1	99	17.86	17.30	17.60	19.00
		50	0	17.54	17.55	17.51	19.00
		50	25	17.44	17.65	17.60	19.00
		50	50	17.52	17.58	17.55	19.00
		100	0	17.72	17.60	17.64	19.00



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LTE Band 4 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.01	17.99	17.98	19.50
		1	2	18.19	18.11	17.93	19.50
		1	5	18.22	18.18	18.11	19.50
		3	0	18.17	18.17	18.03	19.50
		3	2	18.23	18.08	18.11	19.50
		3	3	18.14	18.08	18.00	19.50
		6	0	18.14	18.05	18.04	19.50
	16QAM	1	0	18.23	17.60	17.99	19.50
		1	2	18.06	18.24	18.04	19.50
		1	5	17.81	18.12	18.15	19.50
		3	0	18.11	18.14	18.10	19.50
		3	2	18.17	18.13	18.07	19.50
		3	3	18.16	18.09	18.07	19.50
		6	0	18.11	18.13	18.04	19.50
	64QAM	1	0	17.90	17.72	18.02	19.50
		1	2	18.04	17.93	18.02	19.50
		1	5	18.09	17.98	18.16	19.50
		3	0	18.10	18.09	18.02	19.50
		3	2	18.10	18.06	17.96	19.50
		3	3	18.13	18.12	18.09	19.50
		6	0	18.09	18.05	18.06	19.50
	256QAM	1	0	17.61	17.60	17.45	19.00
		1	2	17.65	17.51	17.01	19.00
		1	5	17.79	17.81	17.30	19.00
		3	0	17.47	17.60	17.52	19.00
		3	2	17.53	17.59	17.53	19.00
		3	3	17.52	17.43	17.54	19.00
		6	0	17.52	17.62	17.48	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	18.03	18.01	17.94	19.50
		1	7	18.17	18.05	17.95	19.50
		1	14	18.25	18.11	18.07	19.50
		8	0	18.14	18.18	18.07	19.50
		8	4	18.23	18.12	18.14	19.50



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		8	7	18.16	18.06	18.06	19.50
		15	0	18.18	18.05	18.08	19.50
	16QAM	1	0	18.24	17.67	17.99	19.50
		1	7	18.07	18.20	18.04	19.50
		1	14	17.78	18.15	18.22	19.50
		8	0	18.08	18.10	18.08	19.50
		8	4	18.21	18.15	18.07	19.50
		8	7	18.16	18.04	18.02	19.50
		15	0	18.10	18.09	18.03	19.50
		1	0	17.92	17.74	18.07	19.50
	64QAM	1	7	18.08	17.92	17.97	19.50
		1	14	18.10	18.03	18.14	19.50
		8	0	18.14	18.10	18.03	19.50
		8	4	18.08	18.09	17.95	19.50
		8	7	18.16	18.12	18.05	19.50
		15	0	18.14	18.06	18.08	19.50
		1	0	17.58	17.56	17.51	19.00
	256QAM	1	7	17.69	17.48	17.00	19.00
		1	14	17.80	17.78	17.29	19.00
		8	0	17.49	17.60	17.50	19.00
		8	4	17.56	17.60	17.47	19.00
		8	7	17.52	17.43	17.55	19.00
		15	0	17.56	17.56	17.50	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.03	17.97	18.00	19.50
		1	13	18.12	18.11	17.93	19.50
		1	24	18.22	18.18	18.07	19.50
		12	0	18.14	18.12	18.05	19.50
		12	6	18.17	18.11	18.12	19.50
		12	13	18.13	18.04	18.08	19.50
		25	0	18.12	18.05	18.11	19.50
	16QAM	1	0	18.25	17.62	18.02	19.50
		1	13	18.07	18.21	18.00	19.50
		1	24	17.81	18.11	18.15	19.50
		12	0	18.10	18.07	18.09	19.50
		12	6	18.22	18.16	18.10	19.50
		12	13	18.19	18.02	18.08	19.50
		25	0	18.05	18.16	18.06	19.50



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	64QAM	1	0	17.94	17.67	18.01	19.50
		1	13	18.09	17.92	17.94	19.50
		1	24	18.11	17.97	18.13	19.50
		12	0	18.10	18.11	18.03	19.50
		12	6	18.14	18.05	17.96	19.50
		12	13	18.16	18.15	18.07	19.50
		25	0	18.12	18.10	18.06	19.50
	256QAM	1	0	17.58	17.62	17.50	19.00
		1	13	17.66	17.53	17.02	19.00
		1	24	17.78	17.75	17.24	19.00
		12	0	17.48	17.54	17.51	19.00
		12	6	17.56	17.56	17.48	19.00
		12	13	17.53	17.50	17.57	19.00
		25	0	17.59	17.55	17.54	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.03	17.99	17.98	19.50
		1	25	18.13	18.04	17.98	19.50
		1	49	18.25	18.14	18.05	19.50
		25	0	18.13	18.15	18.02	19.50
		25	13	18.22	18.09	18.15	19.50
		25	25	18.09	18.02	18.05	19.50
		50	0	18.12	18.08	18.12	19.50
	16QAM	1	0	18.23	17.63	18.00	19.50
		1	25	18.00	18.25	18.01	19.50
		1	49	17.78	18.18	18.22	19.50
		25	0	18.13	18.11	18.10	19.50
		25	13	18.20	18.13	18.14	19.50
		25	25	18.13	18.10	18.07	19.50
		50	0	18.07	18.11	18.03	19.50
	64QAM	1	0	17.98	17.71	18.01	19.50
		1	25	18.04	17.96	18.00	19.50
		1	49	18.12	18.05	18.16	19.50
		25	0	18.15	18.04	18.01	19.50
		25	13	18.13	18.07	18.00	19.50
		25	25	18.08	18.08	18.08	19.50
		50	0	18.12	18.06	18.07	19.50
	256QAM	1	0	17.56	17.60	17.47	19.00
		1	25	17.73	17.49	17.00	19.00



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		1	49	17.77	17.76	17.27	19.00
		25	0	17.52	17.59	17.44	19.00
		25	13	17.57	17.63	17.52	19.00
		25	25	17.56	17.48	17.54	19.00
		50	0	17.51	17.55	17.51	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.02	17.98	17.99	19.50
		1	38	18.15	18.03	17.93	19.50
		1	74	18.23	18.12	18.04	19.50
		36	0	18.17	18.16	18.01	19.50
		36	18	18.19	18.08	18.16	19.50
		36	39	18.17	18.07	18.00	19.50
		75	0	18.19	18.08	18.11	19.50
	16QAM	1	0	18.20	17.61	18.03	19.50
		1	38	18.03	18.21	18.08	19.50
		1	74	17.79	18.11	18.14	19.50
		36	0	18.10	18.09	18.02	19.50
		36	18	18.20	18.19	18.09	19.50
		36	39	18.17	18.07	18.05	19.50
		75	0	18.11	18.10	18.09	19.50
	64QAM	1	0	17.90	17.70	18.03	19.50
		1	38	18.09	17.92	17.94	19.50
		1	74	18.10	17.98	18.15	19.50
		36	0	18.11	18.11	18.02	19.50
		36	18	18.12	18.10	17.93	19.50
		36	39	18.12	18.12	18.10	19.50
		75	0	18.08	18.06	18.10	19.50
	256QAM	1	0	17.53	17.61	17.47	19.00
		1	38	17.70	17.48	17.03	19.00
		1	74	17.75	17.75	17.24	19.00
		36	0	17.55	17.56	17.44	19.00
		36	18	17.57	17.60	17.51	19.00
		36	39	17.58	17.42	17.53	19.00
		75	0	17.54	17.61	17.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	18.10	18.04	18.02	19.50
		1	50	18.20	18.12	18.02	19.50



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		1	99	18.31	18.20	18.13	19.50
		50	0	18.21	18.20	18.10	19.50
		50	25	18.26	18.13	18.20	19.50
		50	50	18.18	18.10	18.09	19.50
		100	0	18.20	18.12	18.13	19.50
	16QAM	1	0	18.27	17.68	18.06	19.50
		1	50	18.09	18.29	18.09	19.50
		1	99	17.84	18.20	18.23	19.50
		50	0	18.16	18.15	18.11	19.50
		50	25	18.24	18.22	18.16	19.50
		50	50	18.21	18.11	18.09	19.50
		100	0	18.13	18.18	18.12	19.50
	64QAM	1	0	17.99	17.75	18.10	19.50
		1	50	18.13	18.01	18.03	19.50
		1	99	18.16	18.06	18.22	19.50
		50	0	18.19	18.13	18.04	19.50
		50	25	18.16	18.14	18.02	19.50
		50	50	18.17	18.17	18.13	19.50
		100	0	18.16	18.12	18.14	19.50
	256QAM	1	0	17.62	17.64	17.52	19.00
		1	50	17.74	17.55	17.08	19.00
		1	99	17.83	17.82	17.33	19.00
		50	0	17.56	17.62	17.53	19.00
		50	25	17.62	17.65	17.55	19.00
		50	50	17.60	17.51	17.62	19.00
		100	0	17.60	17.64	17.56	19.00



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LTE Band 7 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.02	22.08	21.91	23.50
		1	13	22.09	21.93	21.81	23.50
		1	24	22.07	22.06	21.84	23.50
		12	0	21.11	21.21	21.01	22.50
		12	6	21.04	21.09	20.93	22.50
		12	13	21.14	21.03	20.87	22.50
		25	0	21.00	21.22	20.87	22.50
	16QAM	1	0	21.05	21.04	20.87	22.50
		1	13	21.07	20.95	20.83	22.50
		1	24	20.98	21.26	20.57	22.50
		12	0	20.16	20.26	19.91	21.50
		12	6	20.09	20.15	19.95	21.50
		12	13	20.05	20.09	19.76	21.50
		25	0	20.03	20.08	19.94	21.50
	64QAM	1	0	20.04	20.16	20.12	21.50
		1	13	20.12	19.91	19.76	21.50
		1	24	20.31	19.92	20.01	21.50
		12	0	19.07	19.14	18.95	20.50
		12	6	19.12	19.24	19.01	20.50
		12	13	19.11	19.03	18.86	20.50
		25	0	19.11	19.17	18.90	20.50
	256QAM	1	0	17.40	17.21	17.23	18.50
		1	13	16.83	17.22	17.04	18.50
		1	24	16.95	17.01	17.06	18.50
		12	0	17.13	17.28	16.76	18.50
		12	6	17.26	17.09	17.05	18.50
		12	13	17.17	17.31	17.02	18.50
		25	0	17.27	17.21	17.12	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	22.01	22.08	21.96	23.50
		1	25	22.08	21.96	21.83	23.50
		1	49	22.04	22.03	21.84	23.50
		25	0	21.06	21.18	21.02	22.50
		25	13	21.03	21.17	20.94	22.50



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