

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

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

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LTE Band 2 DS15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	16.41	16.65	16.55	17.50
		1	2	16.64	16.54	16.48	17.50
		1	5	16.68	16.50	16.29	17.50
		3	0	16.53	16.63	16.54	17.50
		3	2	16.80	16.65	16.59	17.50
		3	3	16.75	16.50	16.62	17.50
		6	0	16.66	16.71	16.57	17.50
	16QAM	1	0	16.65	16.61	16.43	17.50
		1	2	16.76	16.57	16.43	17.50
		1	5	16.58	16.52	16.19	17.50
		3	0	16.64	16.51	16.58	17.50
		3	2	16.75	16.52	16.58	17.50
		3	3	16.75	16.61	16.53	17.50
		6	0	16.75	16.50	16.51	17.50
	64QAM	1	0	16.71	16.59	16.61	17.50
		1	2	16.55	16.51	16.46	17.50
		1	5	16.69	16.39	16.46	17.50
		3	0	16.67	16.60	16.48	17.50
		3	2	16.73	16.66	16.61	17.50
		3	3	16.73	16.57	16.59	17.50
		6	0	16.75	16.62	16.54	17.50
	256QAM	1	0	16.59	16.54	16.62	17.50
		1	2	16.47	16.61	16.34	17.50
		1	5	16.69	16.85	16.72	17.50
		3	0	16.67	16.52	16.62	17.50
		3	2	16.74	16.66	16.57	17.50
		3	3	16.74	16.50	16.67	17.50
		6	0	16.75	16.64	16.53	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	16.51	16.51	16.56	17.50
		1	7	16.63	16.57	16.46	17.50
		1	14	16.91	16.40	16.32	17.50
		8	0	16.57	16.63	16.60	17.50



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		8	4	16.75	16.60	16.51	17.50
		8	7	16.63	16.55	16.51	17.50
		15	0	16.81	16.61	16.63	17.50
	16QAM	1	0	16.60	16.66	16.48	17.50
		1	7	16.76	16.49	16.42	17.50
		1	14	16.65	16.47	16.21	17.50
		8	0	16.71	16.52	16.67	17.50
		8	4	16.72	16.55	16.61	17.50
		8	7	16.76	16.50	16.43	17.50
		15	0	16.64	16.61	16.48	17.50
	64QAM	1	0	16.66	16.63	16.60	17.50
		1	7	16.61	16.57	16.42	17.50
		1	14	16.80	16.39	16.51	17.50
		8	0	16.64	16.64	16.54	17.50
		8	4	16.75	16.64	16.55	17.50
		8	7	16.74	16.63	16.55	17.50
		15	0	16.62	16.55	16.50	17.50
	256QAM	1	0	16.69	16.60	16.65	17.50
		1	7	16.38	16.70	16.25	17.50
		1	14	16.69	16.88	16.72	17.50
		8	0	16.70	16.50	16.56	17.50
		8	4	16.77	16.70	16.65	17.50
		8	7	16.71	16.53	16.65	17.50
		15	0	16.72	16.64	16.53	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	16.41	16.65	16.48	17.50
		1	13	16.74	16.56	16.50	17.50
		1	24	16.72	16.40	16.26	17.50
		12	0	16.56	16.62	16.54	17.50
		12	6	16.76	16.58	16.61	17.50
		12	13	16.76	16.53	16.50	17.50
		25	0	16.73	16.60	16.62	17.50
	16QAM	1	0	16.72	16.69	16.53	17.50
		1	13	16.70	16.58	16.45	17.50
		1	24	16.56	16.49	16.25	17.50
		12	0	16.73	16.61	16.63	17.50



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		12	6	16.71	16.55	16.68	17.50
		12	13	16.61	16.58	16.44	17.50
		25	0	16.66	16.50	16.55	17.50
		1	0	16.63	16.49	16.58	17.50
		1	13	16.61	16.55	16.52	17.50
		1	24	16.70	16.42	16.47	17.50
		12	0	16.63	16.59	16.58	17.50
		12	6	16.80	16.55	16.64	17.50
		12	13	16.71	16.64	16.61	17.50
		25	0	16.70	16.54	16.59	17.50
	64QAM	1	0	16.66	16.53	16.58	17.50
		1	13	16.44	16.63	16.34	17.50
		1	24	16.72	16.84	16.70	17.50
		12	0	16.62	16.62	16.66	17.50
		12	6	16.63	16.68	16.62	17.50
		12	13	16.74	16.52	16.60	17.50
		25	0	16.75	16.52	16.57	17.50
	256QAM	1	0	16.66	16.53	16.58	17.50
		1	13	16.44	16.63	16.34	17.50
		1	24	16.72	16.84	16.70	17.50
		12	0	16.62	16.62	16.66	17.50
		12	6	16.63	16.68	16.62	17.50
		12	13	16.74	16.52	16.60	17.50
		25	0	16.75	16.52	16.57	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	16.54	16.57	16.48	17.50
		1	25	16.69	16.49	16.48	17.50
		1	49	16.64	16.45	16.26	17.50
		25	0	16.55	16.58	16.54	17.50
		25	13	16.79	16.56	16.58	17.50
		25	25	16.69	16.63	16.54	17.50
		50	0	16.80	16.61	16.67	17.50
	16QAM	1	0	16.68	16.65	16.42	17.50
		1	25	16.77	16.48	16.48	17.50
		1	49	16.54	16.49	16.32	17.50
		25	0	16.74	16.52	16.70	17.50
		25	13	16.76	16.54	16.58	17.50
		25	25	16.70	16.53	16.48	17.50
		50	0	16.63	16.48	16.45	17.50
	64QAM	1	0	16.68	16.48	16.63	17.50
		1	25	16.66	16.57	16.46	17.50
		1	49	16.74	16.37	16.48	17.50
		25	0	16.63	16.65	16.58	17.50



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		25	13	16.72	16.61	16.67	17.50
		25	25	16.62	16.68	16.52	17.50
		50	0	16.62	16.52	16.58	17.50
	256QAM	1	0	16.64	16.62	16.59	17.50
		1	25	16.51	16.76	16.37	17.50
		1	49	16.74	16.88	16.62	17.50
		25	0	16.69	16.52	16.67	17.50
		25	13	16.69	16.67	16.60	17.50
		25	25	16.82	16.65	16.70	17.50
		50	0	16.70	16.53	16.55	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	16.52	16.62	16.50	17.50
		1	38	16.59	16.54	16.53	17.50
		1	74	16.85	16.43	16.35	17.50
		36	0	16.49	16.62	16.52	17.50
		36	18	16.67	16.55	16.55	17.50
		36	39	16.71	16.58	16.65	17.50
		75	0	16.76	16.70	16.59	17.50
	16QAM	1	0	16.64	16.61	16.56	17.50
		1	38	16.65	16.52	16.47	17.50
		1	74	16.59	16.43	16.32	17.50
		36	0	16.63	16.52	16.66	17.50
		36	18	16.73	16.61	16.59	17.50
		36	39	16.73	16.61	16.45	17.50
		75	0	16.72	16.50	16.50	17.50
	64QAM	1	0	16.62	16.53	16.61	17.50
		1	38	16.59	16.62	16.41	17.50
		1	74	16.73	16.47	16.53	17.50
		36	0	16.61	16.68	16.45	17.50
		36	18	16.69	16.66	16.58	17.50
		36	39	16.72	16.59	16.62	17.50
		75	0	16.64	16.55	16.61	17.50
	256QAM	1	0	16.72	16.52	16.62	17.50
		1	38	16.36	16.62	16.33	17.50
		1	74	16.70	16.90	16.62	17.50
		36	0	16.70	16.61	16.62	17.50



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		36	18	16.71	16.55	16.55	17.50
		36	39	16.74	16.60	16.70	17.50
		75	0	16.76	16.60	16.60	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	16.50	16.60	16.51	17.50
		1	50	16.69	16.58	16.51	17.50
		1	99	16.90	16.47	16.36	17.50
		50	0	16.59	16.62	16.60	17.50
		50	25	16.77	16.64	16.58	17.50
		50	50	16.72	16.60	16.60	17.50
		100	0	16.76	16.69	16.62	17.50
	16QAM	1	0	16.70	16.67	16.52	17.50
		1	50	16.94	16.57	16.46	17.50
		1	99	16.63	16.47	16.29	17.50
		50	0	16.73	16.59	16.65	17.50
		50	25	16.78	16.61	16.63	17.50
		50	50	16.71	16.59	16.48	17.50
		100	0	16.73	16.56	16.55	17.50
	64QAM	1	0	16.71	16.58	16.60	17.50
		1	50	16.74	16.57	16.51	17.50
		1	99	16.76	16.46	16.50	17.50
		50	0	16.67	16.68	16.55	17.50
		50	25	16.75	16.64	16.64	17.50
		50	50	16.79	16.64	16.57	17.50
		100	0	16.72	16.59	16.59	17.50
	256QAM	1	0	16.67	16.62	16.63	17.50
		1	50	16.46	16.71	16.33	17.50
		1	99	16.73	16.90	16.72	17.50
		50	0	16.65	16.58	16.63	17.50
		50	25	16.72	16.65	16.60	17.50
		50	50	16.77	16.60	16.66	17.50
		100	0	16.78	16.61	16.58	17.50



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LTE Band 4 DSI0/1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.78	22.91	22.74	24.50
		1	2	22.69	23.15	22.69	24.50
		1	5	22.88	23.10	22.69	24.50
		3	0	22.79	23.05	22.73	24.50
		3	2	22.82	22.88	22.63	24.50
		3	3	22.89	22.95	22.84	24.50
		6	0	21.93	21.99	21.86	23.50
	16QAM	1	0	21.98	21.91	21.94	23.50
		1	2	22.18	21.97	21.82	23.50
		1	5	22.00	21.93	21.94	23.50
		3	0	22.02	22.08	21.98	23.50
		3	2	21.98	21.97	21.87	23.50
		3	3	22.04	21.93	21.82	23.50
		6	0	20.94	21.02	21.05	22.50
	64QAM	1	0	21.10	21.03	20.95	22.50
		1	2	20.94	20.91	20.87	22.50
		1	5	21.01	20.98	20.95	22.50
		3	0	20.98	20.90	21.02	22.50
		3	2	20.91	21.06	21.09	22.50
		3	3	20.95	21.06	21.00	22.50
		6	0	20.07	19.94	20.07	21.50
	256QAM	1	0	17.88	17.71	18.23	19.50
		1	2	17.99	18.11	17.98	19.50
		1	5	18.19	18.45	18.19	19.50
		3	0	17.87	17.95	18.10	19.50
		3	2	18.14	17.81	18.23	19.50
		3	3	18.14	18.15	17.97	19.50
		6	0	17.84	17.86	18.03	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.60	23.03	22.73	24.50
		1	7	23.01	22.95	23.14	24.50
		1	14	23.04	23.22	23.07	24.50
		8	0	21.86	21.97	21.95	23.50



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		12	13	21.14	21.04	21.21	22.50
		25	0	21.01	20.97	21.05	22.50
	64QAM	1	0	20.76	20.94	21.02	22.50
		1	13	21.02	21.16	21.37	22.50
		1	24	21.08	21.24	21.15	22.50
		12	0	19.90	19.85	20.03	21.50
		12	6	19.98	20.03	20.07	21.50
		12	13	20.14	20.05	20.05	21.50
		25	0	19.85	19.99	19.99	21.50
	256QAM	1	0	17.84	17.74	18.17	19.50
		1	13	18.03	18.11	18.04	19.50
		1	24	18.10	18.55	18.45	19.50
		12	0	17.95	17.99	18.14	19.50
		12	6	18.01	18.04	18.08	19.50
		12	13	17.99	18.13	18.08	19.50
		25	0	18.06	18.08	18.08	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.61	22.97	22.93	24.50
		1	25	23.02	22.95	22.99	24.50
		1	49	23.21	23.06	23.15	24.50
		25	0	21.87	22.00	22.02	23.50
		25	13	21.85	22.18	21.93	23.50
		25	25	22.10	22.00	22.17	23.50
		50	0	22.12	21.90	22.10	23.50
	16QAM	1	0	22.08	21.95	22.03	23.50
		1	25	22.15	22.09	22.22	23.50
		1	49	22.19	22.38	22.27	23.50
		25	0	20.97	20.90	21.06	22.50
		25	13	20.88	21.17	20.97	22.50
		25	25	21.01	21.29	21.17	22.50
		50	0	20.96	21.07	21.17	22.50
	64QAM	1	0	20.85	21.13	20.98	22.50
		1	25	20.99	21.19	21.15	22.50
		1	49	20.97	21.19	21.29	22.50
		25	0	19.86	20.09	19.98	21.50



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		25	13	20.17	19.97	20.11	21.50
		25	25	20.16	20.21	20.22	21.50
		50	0	19.90	19.92	20.00	21.50
	256QAM	1	0	17.79	17.86	18.28	19.50
		1	25	17.87	18.11	18.07	19.50
		1	49	18.31	18.48	18.52	19.50
		25	0	17.98	18.05	18.07	19.50
		25	13	17.96	18.07	18.15	19.50
		25	25	18.11	18.02	18.20	19.50
		50	0	18.00	17.96	18.22	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.80	22.77	22.76	24.50
		1	38	22.86	22.89	23.22	24.50
		1	74	23.04	23.06	23.06	24.50
		36	0	22.08	21.98	22.14	23.50
		36	18	21.85	21.99	21.98	23.50
		36	39	22.15	22.03	22.15	23.50
		75	0	21.96	21.98	22.14	23.50
	16QAM	1	0	21.99	21.99	22.10	23.50
		1	38	22.07	22.01	22.03	23.50
		1	74	22.22	22.30	22.36	23.50
		36	0	20.70	21.04	21.13	22.50
		36	18	20.88	20.93	21.03	22.50
		36	39	21.16	21.21	21.16	22.50
		75	0	20.94	20.90	21.12	22.50
	64QAM	1	0	20.88	21.07	21.24	22.50
		1	38	21.01	21.30	21.27	22.50
		1	74	21.23	21.35	21.36	22.50
		36	0	19.84	19.97	20.16	21.50
		36	18	20.05	19.92	20.17	21.50
		36	39	20.08	20.14	20.30	21.50
		75	0	20.06	19.80	20.11	21.50
	256QAM	1	0	17.96	17.82	18.18	19.50
		1	38	18.11	18.08	18.09	19.50
		1	74	18.14	18.50	18.51	19.50
		36	0	17.74	17.86	18.06	19.50



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		36	18	18.10	18.00	18.20	19.50
		36	39	17.99	18.03	18.09	19.50
		75	0	17.82	17.91	18.12	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.75	22.88	22.88	24.50
		1	50	22.89	23.00	23.12	24.50
		1	99	23.10	23.12	23.15	24.50
		50	0	21.96	22.00	22.06	23.50
		50	25	21.96	22.09	22.06	23.50
		50	50	22.06	22.14	22.21	23.50
		100	0	22.00	22.03	22.05	23.50
	16QAM	1	0	22.06	22.02	22.12	23.50
		1	50	22.04	22.05	22.13	23.50
		1	99	22.10	22.41	22.42	23.50
		50	0	20.84	21.04	21.08	22.50
		50	25	20.97	21.04	21.07	22.50
		50	50	21.05	21.18	21.18	22.50
		100	0	21.04	20.98	21.09	22.50
	64QAM	1	0	20.85	21.01	21.12	22.50
		1	50	21.03	21.19	21.24	22.50
		1	99	21.10	21.28	21.30	22.50
		50	0	19.87	19.98	20.01	21.50
		50	25	20.10	20.06	20.11	21.50
		50	50	20.08	20.08	20.15	21.50
		100	0	19.96	19.92	20.11	21.50
	256QAM	1	0	17.81	17.84	18.23	19.50
		1	50	18.00	18.18	18.05	19.50
		1	99	18.19	18.43	18.40	19.50
		50	0	17.88	17.95	18.06	19.50
		50	25	18.01	17.96	18.11	19.50
		50	50	18.11	18.15	18.23	19.50
		100	0	17.96	18.03	18.15	19.50



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LTE Band 4 DSI2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.18	22.07	22.18	23.50
		1	2	22.38	22.23	22.26	23.50
		1	5	22.16	22.22	22.22	23.50
		3	0	22.18	22.15	22.22	23.50
		3	2	22.32	22.27	22.26	23.50
		3	3	22.30	22.32	22.26	23.50
		6	0	22.35	22.21	22.30	23.50
	16QAM	1	0	22.33	22.15	22.05	23.50
		1	2	22.39	21.76	22.37	23.50
		1	5	22.22	22.23	22.27	23.50
		3	0	22.13	22.08	22.17	23.50
		3	2	22.27	22.27	22.35	23.50
		3	3	22.29	22.35	22.46	23.50
		6	0	21.30	21.29	21.32	22.50
	64QAM	1	0	21.10	21.08	21.37	22.50
		1	2	21.49	21.00	21.22	22.50
		1	5	21.36	20.98	21.02	22.50
		3	0	21.24	21.32	21.07	22.50
		3	2	21.39	21.30	21.28	22.50
		3	3	21.25	21.15	21.32	22.50
		6	0	20.14	20.24	20.27	21.50
	256QAM	1	0	18.03	18.27	17.95	19.50
		1	2	18.14	18.36	18.42	19.50
		1	5	18.52	18.31	18.32	19.50
		3	0	18.12	17.92	18.16	19.50
		3	2	18.23	18.37	18.20	19.50
		3	3	18.36	18.38	18.28	19.50
		6	0	18.12	18.28	18.35	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.10	22.17	22.16	23.50
		1	7	22.30	22.15	22.19	23.50
		1	14	22.26	22.26	22.19	23.50
		8	0	22.20	22.16	22.12	23.50



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		8	4	22.29	22.36	22.31	23.50
		8	7	22.20	22.45	22.37	23.50
		15	0	22.27	22.25	22.17	23.50
	16QAM	1	0	22.48	22.29	21.99	23.50
		1	7	22.29	21.84	22.38	23.50
		1	14	22.23	22.15	22.40	23.50
		8	0	21.13	21.28	21.02	22.50
		8	4	21.36	21.24	21.27	22.50
		8	7	21.23	21.28	21.36	22.50
		15	0	21.27	21.31	21.31	22.50
	64QAM	1	0	21.09	21.17	21.38	22.50
		1	7	21.52	21.00	21.20	22.50
		1	14	21.31	21.08	21.04	22.50
		8	0	20.43	20.15	20.29	21.50
		8	4	20.29	20.22	20.19	21.50
		8	7	20.29	20.14	20.19	21.50
		15	0	20.18	20.34	20.36	21.50
	256QAM	1	0	18.09	18.26	18.05	19.50
		1	7	18.10	18.22	18.30	19.50
		1	14	18.54	18.31	18.41	19.50
		8	0	18.16	17.98	18.28	19.50
		8	4	18.24	18.37	18.21	19.50
		8	7	18.26	18.33	18.24	19.50
		15	0	18.20	18.21	18.28	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.10	22.17	22.13	23.50
		1	13	22.33	22.29	22.28	23.50
		1	24	22.23	22.22	22.19	23.50
		12	0	22.19	22.12	22.11	23.50
		12	6	22.33	22.26	22.26	23.50
		12	13	22.16	22.33	22.37	23.50
		25	0	22.31	22.29	22.20	23.50
	16QAM	1	0	22.33	22.20	22.03	23.50
		1	13	22.40	21.81	22.41	23.50
		1	24	22.10	22.23	22.25	23.50
		12	0	21.12	21.21	21.09	22.50



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		12	6	21.35	21.27	21.37	22.50
		12	13	21.32	21.25	21.31	22.50
		25	0	21.19	21.23	21.33	22.50
	64QAM	1	0	21.18	21.18	21.38	22.50
		1	13	21.48	21.02	21.19	22.50
		1	24	21.32	21.09	21.05	22.50
		12	0	20.46	20.11	20.34	21.50
		12	6	20.29	20.33	20.13	21.50
		12	13	20.34	20.27	20.26	21.50
		25	0	20.15	20.25	20.33	21.50
	256QAM	1	0	18.05	18.15	18.05	19.50
		1	13	18.08	18.36	18.34	19.50
		1	24	18.53	18.28	18.31	19.50
		12	0	18.16	18.01	18.28	19.50
		12	6	18.34	18.26	18.20	19.50
		12	13	18.26	18.31	18.26	19.50
		25	0	18.14	18.22	18.24	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.06	22.16	22.09	23.50
		1	25	22.36	22.17	22.33	23.50
		1	49	22.22	22.27	22.16	23.50
		25	0	22.11	22.20	22.20	23.50
		25	13	22.29	22.31	22.37	23.50
		25	25	22.21	22.36	22.40	23.50
		50	0	22.24	22.30	22.26	23.50
	16QAM	1	0	22.23	22.22	21.93	23.50
		1	25	22.37	21.90	22.38	23.50
		1	49	22.14	22.22	22.28	23.50
		25	0	21.18	21.18	21.09	22.50
		25	13	21.39	21.36	21.28	22.50
		25	25	21.26	21.24	21.37	22.50
		50	0	21.21	21.21	21.22	22.50
	64QAM	1	0	21.11	21.15	21.26	22.50
		1	25	21.40	21.13	21.11	22.50
		1	49	21.28	20.96	21.12	22.50
		25	0	20.40	20.08	20.25	21.50



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		25	13	20.38	20.27	20.20	21.50
		25	25	20.34	20.29	20.16	21.50
		50	0	20.22	20.30	20.32	21.50
	256QAM	1	0	18.01	18.28	18.08	19.50
		1	25	18.06	18.29	18.40	19.50
		1	49	18.55	18.28	18.29	19.50
		25	0	18.20	17.96	18.19	19.50
		25	13	18.29	18.32	18.30	19.50
		25	25	18.37	18.38	18.30	19.50
		50	0	18.26	18.20	18.30	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.14	22.07	22.16	23.50
		1	38	22.25	22.21	22.19	23.50
		1	74	22.28	22.25	22.18	23.50
		36	0	22.10	22.20	22.21	23.50
		36	18	22.27	22.32	22.40	23.50
		36	39	22.27	22.40	22.32	23.50
		75	0	22.20	22.30	22.31	23.50
	16QAM	1	0	22.38	22.21	21.95	23.50
		1	38	22.32	21.76	22.31	23.50
		1	74	22.23	22.20	22.35	23.50
		36	0	21.17	21.28	21.10	22.50
		36	18	21.31	21.35	21.35	22.50
		36	39	21.28	21.26	21.35	22.50
		75	0	21.29	21.33	21.24	22.50
	64QAM	1	0	21.13	21.09	21.34	22.50
		1	38	21.47	21.11	21.17	22.50
		1	74	21.27	20.97	21.09	22.50
		36	0	20.40	20.18	20.21	21.50
		36	18	20.36	20.35	20.18	21.50
		36	39	20.33	20.28	20.26	21.50
		75	0	20.15	20.25	20.33	21.50
	256QAM	1	0	18.01	18.20	17.95	19.50
		1	38	18.18	18.25	18.39	19.50
		1	74	18.51	18.40	18.41	19.50
		36	0	18.20	17.93	18.24	19.50



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		36	18	18.27	18.25	18.20	19.50
		36	39	18.23	18.30	18.24	19.50
		75	0	18.24	18.14	18.34	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.15	22.16	22.17	23.50
		1	50	22.33	22.24	22.28	23.50
		1	99	22.23	22.26	22.17	23.50
		50	0	22.17	22.16	22.18	23.50
		50	25	22.28	22.31	22.35	23.50
		50	50	22.25	22.42	22.41	23.50
		100	0	22.30	22.29	22.27	23.50
	16QAM	1	0	22.53	22.24	21.63	23.50
		1	50	22.39	21.85	22.41	23.50
		1	99	22.19	22.21	22.35	23.50
		50	0	21.19	21.27	21.12	22.50
		50	25	21.35	21.33	21.34	22.50
		50	50	21.30	21.25	21.36	22.50
		100	0	21.26	21.30	21.32	22.50
	64QAM	1	0	21.14	21.17	21.33	22.50
		1	50	21.50	21.10	21.18	22.50
		1	99	21.32	21.04	21.11	22.50
		50	0	20.45	20.17	20.29	21.50
		50	25	20.36	20.32	20.23	21.50
		50	50	20.38	20.24	20.25	21.50
		100	0	20.24	20.33	20.33	21.50
	256QAM	1	0	18.06	18.25	18.04	19.50
		1	50	18.15	18.32	18.37	19.50
		1	99	18.54	18.36	18.38	19.50
		50	0	18.16	17.97	18.24	19.50
		50	25	18.29	18.35	18.26	19.50
		50	50	18.32	18.36	18.29	19.50
		100	0	18.21	18.23	18.32	19.50



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LTE Band 4 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	17.02	17.13	17.21	18.50
		1	2	17.10	17.21	17.14	18.50
		1	5	17.30	17.17	17.23	18.50
		3	0	17.11	17.11	17.14	18.50
		3	2	17.25	17.30	17.34	18.50
		3	3	17.25	17.31	17.26	18.50
		6	0	17.27	17.30	17.35	18.50
	16QAM	1	0	17.34	17.18	17.30	18.50
		1	2	17.25	17.41	17.18	18.50
		1	5	17.35	17.11	17.43	18.50
		3	0	17.13	17.25	17.17	18.50
		3	2	17.27	17.25	17.24	18.50
		3	3	17.16	17.18	17.19	18.50
		6	0	17.09	17.23	17.30	18.50
	64QAM	1	0	17.38	17.02	17.41	18.50
		1	2	17.25	17.19	17.36	18.50
		1	5	17.27	17.32	17.23	18.50
		3	0	17.19	17.12	17.12	18.50
		3	2	17.22	17.26	17.28	18.50
		3	3	17.26	17.27	17.29	18.50
		6	0	17.29	17.24	17.40	18.50
	256QAM	1	0	16.96	16.86	17.16	18.50
		1	2	17.17	17.44	17.24	18.50
		1	5	17.21	17.54	17.07	18.50
		3	0	17.23	17.17	17.13	18.50
		3	2	17.27	17.33	17.33	18.50
		3	3	17.29	17.26	17.27	18.50
		6	0	17.20	17.32	17.42	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	17.21	17.01	17.10	18.50
		1	7	17.03	17.18	17.44	18.50
		1	14	17.26	17.31	17.31	18.50
		8	0	17.15	17.17	17.06	18.50



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		8	4	17.26	17.33	17.37	18.50
		8	7	17.21	17.33	17.37	18.50
		15	0	17.24	17.19	17.33	18.50
	16QAM	1	0	17.32	17.24	17.18	18.50
		1	7	17.20	17.37	17.10	18.50
		1	14	17.39	17.11	17.39	18.50
		8	0	17.14	17.22	17.23	18.50
		8	4	17.20	17.32	17.26	18.50
		8	7	17.16	17.21	17.23	18.50
		15	0	17.22	17.31	17.27	18.50
	64QAM	1	0	17.27	17.09	17.37	18.50
		1	7	17.20	17.27	17.28	18.50
		1	14	17.23	17.31	17.29	18.50
		8	0	17.10	17.14	17.15	18.50
		8	4	17.33	17.19	17.30	18.50
		8	7	17.29	17.25	17.21	18.50
		15	0	17.27	17.25	17.38	18.50
	256QAM	1	0	17.09	16.91	17.11	18.50
		1	7	17.17	17.40	17.17	18.50
		1	14	17.34	17.44	17.11	18.50
		8	0	17.10	17.14	17.25	18.50
		8	4	17.19	17.26	17.22	18.50
		8	7	17.23	17.20	17.32	18.50
		15	0	17.15	17.29	17.39	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	17.12	17.14	16.97	18.50
		1	13	17.04	17.23	17.28	18.50
		1	24	17.26	17.27	17.25	18.50
		12	0	17.19	17.04	17.11	18.50
		12	6	17.26	17.31	17.32	18.50
		12	13	17.31	17.34	17.35	18.50
		25	0	17.31	17.22	17.33	18.50
	16QAM	1	0	17.23	17.23	17.28	18.50
		1	13	17.33	17.41	17.17	18.50
		1	24	17.41	17.07	17.34	18.50
		12	0	17.18	17.21	17.15	18.50



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		12	6	17.28	17.35	17.25	18.50
		12	13	17.18	17.19	17.21	18.50
		25	0	17.12	17.25	17.31	18.50
	64QAM	1	0	17.23	17.02	17.32	18.50
		1	13	17.27	17.26	17.43	18.50
		1	24	17.21	17.32	17.29	18.50
		12	0	17.17	17.16	17.12	18.50
		12	6	17.35	17.16	17.32	18.50
		12	13	17.30	17.20	17.25	18.50
		25	0	17.34	17.30	17.32	18.50
		1	0	17.09	16.92	17.10	18.50
	256QAM	1	13	17.25	17.41	17.11	18.50
		1	24	17.22	17.50	17.08	18.50
		12	0	17.25	17.19	17.16	18.50
		12	6	17.20	17.24	17.33	18.50
		12	13	17.28	17.20	17.34	18.50
		25	0	17.22	17.29	17.33	18.50
		1	0	17.10	17.12	17.09	18.50
		1	25	17.04	17.20	17.28	18.50
	10MHz	1	49	17.32	17.22	17.21	18.50
		25	0	17.06	17.16	17.13	18.50
		25	13	17.22	17.32	17.24	18.50
		25	25	17.27	17.35	17.28	18.50
		50	0	17.30	17.30	17.32	18.50
		1	0	17.27	17.28	17.29	18.50
		1	25	17.19	17.35	17.19	18.50
		1	49	17.33	17.03	17.36	18.50
	16QAM	25	0	17.14	17.21	17.15	18.50
		25	13	17.25	17.34	17.32	18.50
		25	25	17.14	17.26	17.20	18.50
		50	0	17.21	17.34	17.23	18.50
		1	0	17.29	17.02	17.45	18.50
		1	25	17.13	17.24	17.29	18.50
		1	49	17.21	17.28	17.18	18.50
		25	0	17.10	17.25	17.08	18.50
	64QAM	1	0	17.29	17.02	17.45	18.50
		1	25	17.13	17.24	17.29	18.50
		1	49	17.21	17.28	17.18	18.50
		25	0	17.10	17.25	17.08	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	



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		25	13	17.32	17.21	17.20	18.50
		25	25	17.34	17.30	17.25	18.50
		50	0	17.34	17.21	17.28	18.50
	256QAM	1	0	17.08	16.83	17.10	18.50
		1	25	17.16	17.38	17.11	18.50
		1	49	17.26	17.45	17.07	18.50
		25	0	17.17	17.14	17.16	18.50
		25	13	17.19	17.30	17.22	18.50
		25	25	17.37	17.30	17.22	18.50
		50	0	17.15	17.29	17.29	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	17.08	17.07	17.02	18.50
		1	38	17.05	17.18	17.22	18.50
		1	74	17.29	17.23	17.31	18.50
		36	0	17.06	17.17	17.20	18.50
		36	18	17.21	17.32	17.30	18.50
		36	39	17.29	17.28	17.28	18.50
		75	0	17.35	17.21	17.26	18.50
	16QAM	1	0	17.24	17.29	17.21	18.50
		1	38	17.26	17.33	17.11	18.50
		1	74	17.28	16.99	17.35	18.50
		36	0	17.11	17.12	17.19	18.50
		36	18	17.23	17.32	17.22	18.50
		36	39	17.22	17.32	17.18	18.50
		75	0	17.16	17.31	17.25	18.50
	64QAM	1	0	17.29	17.10	17.32	18.50
		1	38	17.25	17.18	17.43	18.50
		1	74	17.28	17.32	17.20	18.50
		36	0	17.15	17.14	17.17	18.50
		36	18	17.26	17.30	17.33	18.50
		36	39	17.31	17.22	17.25	18.50
		75	0	17.37	17.19	17.31	18.50
	256QAM	1	0	16.99	16.88	17.16	18.50
		1	38	17.23	17.47	17.21	18.50
		1	74	17.30	17.45	17.17	18.50
		36	0	17.17	17.18	17.16	18.50



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		36	18	17.29	17.28	17.23	18.50
		36	39	17.28	17.27	17.28	18.50
		75	0	17.25	17.26	17.30	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	17.09	17.09	17.07	18.50
		1	50	17.09	17.26	17.39	18.50
		1	99	17.27	17.26	17.30	18.50
		50	0	17.16	17.14	17.15	18.50
		50	25	17.26	17.31	17.32	18.50
		50	50	17.31	17.38	17.36	18.50
		100	0	17.34	17.28	17.35	18.50
	16QAM	1	0	17.33	17.27	17.28	18.50
		1	50	17.28	17.08	17.17	18.50
		1	99	17.36	17.08	17.38	18.50
		50	0	17.17	17.22	17.19	18.50
		50	25	17.29	17.32	17.31	18.50
		50	50	17.22	17.28	17.40	18.50
		100	0	17.17	17.29	17.27	18.50
	64QAM	1	0	17.33	17.10	17.41	18.50
		1	50	16.99	17.25	17.38	18.50
		1	99	17.24	17.38	17.26	18.50
		50	0	17.14	17.22	17.17	18.50
		50	25	17.31	17.26	17.29	18.50
		50	50	17.33	17.28	17.27	18.50
		100	0	17.32	17.28	17.36	18.50
	256QAM	1	0	17.06	16.91	17.11	18.50
		1	50	17.22	17.48	17.20	18.50
		1	99	17.31	17.49	17.14	18.50
		50	0	17.20	17.19	17.20	18.50
		50	25	17.29	17.33	17.30	18.50
		50	50	17.32	17.29	17.29	18.50
		100	0	17.20	17.31	17.37	18.50



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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	15.59	15.58	15.66	17.00
		1	2	15.73	15.85	15.70	17.00
		1	5	15.70	16.06	16.21	17.00
		3	0	15.65	15.64	15.61	17.00
		3	2	15.74	15.81	15.67	17.00
		3	3	15.82	15.84	15.78	17.00
		6	0	15.67	15.84	15.82	17.00
	16QAM	1	0	16.04	16.02	15.92	17.00
		1	2	15.91	15.88	15.75	17.00
		1	5	15.88	16.06	15.84	17.00
		3	0	15.51	15.67	15.41	17.00
		3	2	15.73	15.64	15.62	17.00
		3	3	15.88	15.80	15.76	17.00
		6	0	15.69	15.76	15.87	17.00
	64QAM	1	0	15.74	15.74	15.71	17.00
		1	2	15.72	15.96	15.95	17.00
		1	5	15.88	15.77	15.79	17.00
		3	0	15.62	15.69	15.67	17.00
		3	2	15.70	15.64	15.71	17.00
		3	3	15.77	15.76	15.81	17.00
		6	0	15.77	15.75	15.80	17.00
	256QAM	1	0	15.36	15.59	15.30	17.00
		1	2	15.60	15.95	15.71	17.00
		1	5	15.82	16.04	16.03	17.00
		3	0	15.60	15.66	15.69	17.00
		3	2	15.80	15.64	15.79	17.00
		3	3	15.65	15.80	15.81	17.00
		6	0	15.81	15.76	15.64	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	15.54	15.56	15.56	17.00
		1	7	15.70	15.83	15.66	17.00
		1	14	15.75	15.93	16.21	17.00
		8	0	15.59	15.64	15.60	17.00



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	16QAM	8	4	15.75	15.87	15.72	17.00
		8	7	15.73	15.85	15.82	17.00
		15	0	15.73	15.82	15.81	17.00
		1	0	16.11	15.98	15.91	17.00
		1	7	15.89	15.94	15.77	17.00
		1	14	15.90	16.13	15.77	17.00
		8	0	15.59	15.60	15.41	17.00
		8	4	15.70	15.68	15.71	17.00
		8	7	15.82	15.71	15.67	17.00
	64QAM	15	0	15.70	15.80	15.82	17.00
		1	0	15.83	15.77	15.63	17.00
		1	7	15.81	16.04	15.96	17.00
		1	14	15.92	15.90	15.79	17.00
		8	0	15.68	15.74	15.75	17.00
		8	4	15.73	15.56	15.72	17.00
		8	7	15.70	15.77	15.76	17.00
	256QAM	15	0	15.72	15.79	15.68	17.00
		1	0	15.33	15.61	15.45	17.00
		1	7	15.50	15.91	15.72	17.00
		1	14	15.87	16.04	16.02	17.00
		8	0	15.59	15.56	15.65	17.00
		8	4	15.79	15.66	15.72	17.00
		8	7	15.66	15.76	15.84	17.00
		15	0	15.75	15.82	15.73	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	15.52	15.67	15.59	17.00
		1	13	15.69	15.74	15.73	17.00
		1	24	15.76	16.06	16.12	17.00
		12	0	15.69	15.73	15.53	17.00
		12	6	15.70	15.83	15.79	17.00
		12	13	15.75	15.83	15.86	17.00
		25	0	15.77	15.71	15.79	17.00
	16QAM	1	0	16.15	16.02	15.87	17.00
		1	13	15.85	15.88	15.78	17.00
		1	24	15.97	16.05	15.77	17.00
		12	0	15.57	15.63	15.37	17.00



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		12	6	15.73	15.75	15.60	17.00
		12	13	15.78	15.70	15.75	17.00
		25	0	15.71	15.86	15.90	17.00
	64QAM	1	0	15.77	15.86	15.75	17.00
		1	13	15.73	16.02	15.82	17.00
		1	24	15.86	15.84	15.71	17.00
		12	0	15.62	15.68	15.77	17.00
		12	6	15.76	15.63	15.75	17.00
		12	13	15.74	15.72	15.71	17.00
		25	0	15.63	15.77	15.77	17.00
	256QAM	1	0	15.42	15.58	15.34	17.00
		1	13	15.49	15.99	15.80	17.00
		1	24	15.84	15.93	16.04	17.00
		12	0	15.57	15.58	15.68	17.00
		12	6	15.80	15.61	15.80	17.00
		12	13	15.70	15.71	15.80	17.00
		25	0	15.68	15.75	15.73	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	15.61	15.69	15.57	17.00
		1	25	15.70	15.86	15.65	17.00
		1	49	15.65	15.97	16.17	17.00
		25	0	15.61	15.64	15.64	17.00
		25	13	15.70	15.87	15.68	17.00
		25	25	15.80	15.92	15.89	17.00
		50	0	15.69	15.73	15.76	17.00
	16QAM	1	0	16.13	15.93	15.98	17.00
		1	25	15.85	15.88	15.74	17.00
		1	49	15.89	16.19	15.80	17.00
		25	0	15.59	15.60	15.51	17.00
		25	13	15.71	15.66	15.63	17.00
		25	25	15.84	15.68	15.75	17.00
		50	0	15.69	15.87	15.76	17.00
	64QAM	1	0	15.80	15.85	15.64	17.00
		1	25	15.79	16.02	15.84	17.00
		1	49	15.85	15.90	15.71	17.00
		25	0	15.58	15.76	15.66	17.00



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		25	13	15.69	15.65	15.76	17.00
		25	25	15.65	15.76	15.80	17.00
		50	0	15.63	15.86	15.78	17.00
	256QAM	1	0	15.43	15.52	15.35	17.00
		1	25	15.61	15.93	15.69	17.00
		1	49	15.89	16.04	16.02	17.00
		25	0	15.57	15.63	15.74	17.00
		25	13	15.78	15.68	15.80	17.00
		25	25	15.66	15.66	15.79	17.00
		50	0	15.77	15.77	15.69	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	15.65	15.71	15.57	17.00
		1	38	15.61	15.88	15.72	17.00
		1	74	15.74	16.05	16.22	17.00
		36	0	15.57	15.74	15.66	17.00
		36	18	15.72	15.75	15.81	17.00
		36	39	15.80	15.82	15.79	17.00
		75	0	15.77	15.72	15.77	17.00
	16QAM	1	0	16.03	16.01	15.97	17.00
		1	38	15.79	15.98	15.83	17.00
		1	74	15.93	16.09	15.76	17.00
		36	0	15.55	15.63	15.39	17.00
		36	18	15.68	15.65	15.68	17.00
		36	39	15.85	15.81	15.71	17.00
		75	0	15.61	15.85	15.77	17.00
	64QAM	1	0	15.74	15.81	15.74	17.00
		1	38	15.80	15.93	15.91	17.00
		1	74	15.90	15.83	15.73	17.00
		36	0	15.62	15.75	15.77	17.00
		36	18	15.65	15.54	15.70	17.00
		36	39	15.70	15.71	15.74	17.00
		75	0	15.74	15.77	15.77	17.00
	256QAM	1	0	15.43	15.54	15.33	17.00
		1	38	15.57	15.99	15.77	17.00
		1	74	15.94	16.04	16.10	17.00
		36	0	15.61	15.69	15.64	17.00



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		36	18	15.67	15.74	15.71	17.00
		36	39	15.70	15.68	15.80	17.00
		75	0	15.79	15.76	15.75	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	15.62	15.66	15.61	17.00
		1	50	15.69	15.83	15.75	17.00
		1	99	15.65	16.30	16.19	17.00
		50	0	15.64	15.73	15.63	17.00
		50	25	15.75	15.83	15.76	17.00
		50	50	15.77	15.88	15.84	17.00
		100	0	15.75	15.79	15.83	17.00
	16QAM	1	0	16.41	16.02	15.77	17.00
		1	50	15.88	15.93	15.78	17.00
		1	99	15.97	16.40	15.83	17.00
		50	0	15.60	15.64	15.46	17.00
		50	25	15.72	15.74	15.70	17.00
		50	50	15.84	15.78	15.76	17.00
		100	0	15.71	15.83	15.86	17.00
	64QAM	1	0	15.78	15.82	15.71	17.00
		1	50	15.78	16.00	15.91	17.00
		1	99	15.88	15.86	15.79	17.00
		50	0	15.68	15.74	15.74	17.00
		50	25	15.73	15.60	15.80	17.00
		50	50	15.75	15.79	15.77	17.00
		100	0	15.73	15.81	15.76	17.00
	256QAM	1	0	15.33	15.61	15.40	17.00
		1	50	15.59	15.97	15.76	17.00
		1	99	15.89	16.00	16.11	17.00
		50	0	15.62	15.65	15.72	17.00
		50	25	15.75	15.69	15.77	17.00
		50	50	15.75	15.76	15.89	17.00
		100	0	15.77	15.77	15.74	17.00



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LTE Band 7 DS11				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.42	21.39	21.39	22.00
		1	13	21.45	21.49	21.51	22.00
		1	24	21.27	21.43	21.52	22.00
		12	0	21.46	21.21	21.51	22.00
		12	6	21.41	21.53	21.42	22.00
		12	13	21.51	21.24	21.51	22.00
		25	0	21.43	21.50	21.57	22.00
	16QAM	1	0	21.24	21.57	21.52	22.00
		1	13	21.62	21.30	21.48	22.00
		1	24	21.55	21.47	21.59	22.00
		12	0	21.45	21.19	21.59	22.00
		12	6	21.46	21.31	21.67	22.00
		12	13	21.42	21.34	21.43	22.00
		25	0	21.16	21.34	21.63	22.00
	64QAM	1	0	20.92	21.31	21.01	22.00
		1	13	21.56	21.38	21.67	22.00
		1	24	21.34	21.51	21.33	22.00
		12	0	20.49	20.26	20.50	21.50
		12	6	20.33	20.39	20.66	21.50
		12	13	20.71	20.41	20.71	21.50
		25	0	20.51	20.55	20.56	21.50
	256QAM	1	0	18.41	18.35	18.27	19.50
		1	13	18.51	18.38	18.48	19.50
		1	24	18.43	18.20	18.58	19.50
		12	0	18.31	18.43	18.62	19.50
		12	6	18.37	18.43	18.71	19.50
		12	13	18.45	18.66	18.57	19.50
		25	0	18.39	18.51	18.66	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	21.50	21.41	21.44	22.00
		1	25	21.43	21.44	21.56	22.00
		1	49	21.20	21.44	21.52	22.00
		25	0	21.47	21.19	21.63	22.00



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		25	13	21.38	21.56	21.44	22.00
		25	25	21.53	21.27	21.55	22.00
		50	0	21.46	21.54	21.68	22.00
	16QAM	1	0	21.23	21.57	21.39	22.00
		1	25	21.64	21.32	21.46	22.00
		1	49	21.49	21.55	21.58	22.00
		25	0	21.49	21.14	21.63	22.00
		25	13	21.47	21.38	21.65	22.00
		25	25	21.45	21.29	21.75	22.00
		50	0	21.25	21.42	21.63	22.00
	64QAM	1	0	20.94	21.30	21.05	22.00
		1	25	21.53	21.40	21.62	22.00
		1	49	21.28	21.65	21.27	22.00
		25	0	20.53	20.28	20.44	21.50
		25	13	20.38	20.47	20.70	21.50
		25	25	20.62	20.38	20.70	21.50
		50	0	20.54	20.43	20.57	21.50
	256QAM	1	0	18.32	18.28	18.25	19.50
		1	25	18.41	18.50	18.49	19.50
		1	49	18.53	18.25	18.55	19.50
		25	0	18.27	18.47	18.60	19.50
		25	13	18.37	18.51	18.79	19.50
		25	25	18.55	18.69	18.62	19.50
		50	0	18.46	18.54	18.58	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.51	21.46	21.48	22.00
		1	38	21.34	21.43	21.51	22.00
		1	74	21.25	21.34	21.46	22.00
		36	0	21.34	21.25	21.58	22.00
		36	18	21.40	21.53	21.54	22.00
		36	39	21.56	21.22	21.55	22.00
		75	0	21.39	21.46	21.53	22.00
	16QAM	1	0	21.31	21.70	21.54	22.00
		1	38	21.58	21.37	21.43	22.00
		1	74	21.53	21.57	21.51	22.00
		36	0	21.39	21.23	21.55	22.00



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		36	18	21.43	21.41	21.57	22.00
		36	39	21.36	21.20	21.62	22.00
		75	0	21.12	21.35	21.57	22.00
	64QAM	1	0	20.88	21.27	21.15	22.00
		1	38	21.48	21.41	21.63	22.00
		1	74	21.29	21.54	21.35	22.00
		36	0	20.55	20.29	20.41	21.50
		36	18	20.23	20.45	20.77	21.50
		36	39	20.68	20.32	20.69	21.50
		75	0	20.60	20.48	20.55	21.50
	256QAM	1	0	18.35	18.21	18.24	19.50
		1	38	18.37	18.46	18.55	19.50
		1	74	18.39	18.20	18.61	19.50
		36	0	18.37	18.51	18.68	19.50
		36	18	18.47	18.45	18.69	19.50
		36	39	18.41	18.56	18.56	19.50
		75	0	18.48	18.53	18.63	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.46	21.42	21.47	22.00
		1	50	21.40	21.44	21.51	22.00
		1	99	21.27	21.41	21.47	22.00
		50	0	21.42	21.29	21.59	22.00
		50	25	21.48	21.52	21.72	22.00
		50	50	21.55	21.25	21.61	22.00
		100	0	21.41	21.50	21.63	22.00
	16QAM	1	0	21.11	21.66	21.79	22.00
		1	50	21.68	21.34	21.51	22.00
		1	99	21.56	21.56	21.57	22.00
		50	0	21.46	21.24	21.60	22.00
		50	25	21.53	21.41	21.74	22.00
		50	50	21.43	21.29	21.72	22.00
		100	0	21.21	21.40	21.64	22.00
	64QAM	1	0	20.98	21.38	21.10	22.00
		1	50	21.54	21.42	21.65	22.00
		1	99	21.36	21.60	21.30	22.00
		50	0	20.51	20.26	20.49	21.50



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		50	25	20.33	20.42	20.73	21.50
		50	50	20.66	20.36	20.67	21.50
		100	0	20.58	20.51	20.54	21.50
	256QAM	1	0	18.37	18.11	18.31	19.50
		1	50	18.46	18.47	18.57	19.50
		1	99	18.49	18.21	18.80	19.50
		50	0	18.35	18.51	18.67	19.50
		50	25	18.45	18.46	18.75	19.50
		50	50	18.51	18.64	18.64	19.50
		100	0	18.48	18.51	18.67	19.50



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LTE Band 7 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.46	20.44	20.45	21.00
		1	13	20.46	20.55	20.55	21.00
		1	24	20.32	20.48	20.66	21.00
		12	0	20.38	20.41	20.59	21.00
		12	6	20.42	20.53	20.44	21.00
		12	13	20.48	20.34	20.64	21.00
		25	0	20.57	20.48	20.79	21.00
	16QAM	1	0	20.43	20.31	20.44	21.00
		1	13	20.35	20.30	20.55	21.00
		1	24	20.38	20.56	20.39	21.00
		12	0	20.23	20.44	20.48	21.00
		12	6	20.38	20.56	20.51	21.00
		12	13	20.38	20.40	20.42	21.00
		25	0	20.56	20.38	20.64	21.00
	64QAM	1	0	20.43	20.43	20.37	21.00
		1	13	20.53	20.68	20.64	21.00
		1	24	20.40	20.50	20.50	21.00
		12	0	20.44	20.50	20.47	21.00
		12	6	20.44	20.23	20.64	21.00
		12	13	20.55	20.61	20.71	21.00
		25	0	20.43	20.35	20.56	21.00
	256QAM	1	0	18.27	18.31	18.72	19.50
		1	13	18.58	18.52	18.50	19.50
		1	24	18.49	18.78	18.46	19.50
		12	0	18.28	18.41	18.54	19.50
		12	6	18.59	18.47	18.75	19.50
		12	13	18.51	18.58	18.46	19.50
		25	0	18.46	18.44	18.32	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	20.53	20.41	20.58	21.00
		1	25	20.45	20.57	20.60	21.00
		1	49	20.36	20.48	20.55	21.00
		25	0	20.48	20.45	20.65	21.00



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	16QAM	25	13	20.57	20.50	20.48	21.00
		25	25	20.52	20.47	20.68	21.00
		50	0	20.48	20.50	20.67	21.00
		1	0	20.39	20.38	20.38	21.00
		1	25	20.38	20.30	20.68	21.00
		1	49	20.37	20.53	20.43	21.00
		25	0	20.34	20.43	20.50	21.00
		25	13	20.41	20.62	20.47	21.00
		25	25	20.27	20.40	20.43	21.00
	64QAM	50	0	20.47	20.47	20.63	21.00
		1	0	20.37	20.34	20.50	21.00
		1	25	20.58	20.71	20.69	21.00
		1	49	20.26	20.65	20.52	21.00
		25	0	20.37	20.55	20.44	21.00
		25	13	20.40	20.31	20.59	21.00
		25	25	20.41	20.62	20.67	21.00
	256QAM	50	0	20.36	20.22	20.67	21.00
		1	0	18.25	18.25	18.63	19.50
		1	25	18.61	18.45	18.52	19.50
		1	49	18.45	18.72	18.57	19.50
		25	0	18.26	18.44	18.61	19.50
		25	13	18.54	18.61	18.66	19.50
		25	25	18.58	18.62	18.54	19.50
		50	0	18.38	18.54	18.39	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.46	20.40	20.57	21.00
		1	38	20.35	20.55	20.57	21.00
		1	74	20.31	20.50	20.67	21.00
		36	0	20.49	20.34	20.57	21.00
		36	18	20.49	20.57	20.58	21.00
		36	39	20.48	20.49	20.57	21.00
		75	0	20.48	20.59	20.68	21.00
	16QAM	1	0	20.33	20.44	20.38	21.00
		1	38	20.48	20.27	20.66	21.00
		1	74	20.42	20.54	20.47	21.00
		36	0	20.24	20.38	20.49	21.00



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		36	18	20.30	20.53	20.57	21.00
		36	39	20.37	20.49	20.41	21.00
		75	0	20.56	20.42	20.60	21.00
	64QAM	1	0	20.35	20.31	20.46	21.00
		1	38	20.57	20.63	20.62	21.00
		1	74	20.36	20.63	20.53	21.00
		36	0	20.47	20.54	20.43	21.00
		36	18	20.48	20.29	20.64	21.00
		36	39	20.41	20.56	20.61	21.00
		75	0	20.30	20.27	20.54	21.00
	256QAM	1	0	18.24	18.30	18.67	19.50
		1	38	18.57	18.52	18.44	19.50
		1	74	18.47	18.73	18.47	19.50
		36	0	18.26	18.37	18.58	19.50
		36	18	18.60	18.50	18.68	19.50
		36	39	18.62	18.54	18.56	19.50
		75	0	18.42	18.55	18.67	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					20850	21100	21350
	20MHz	QPSK	1	0	20.48	20.45	20.55
			1	50	20.44	20.55	20.56
			1	99	20.36	20.46	20.62
			50	0	20.47	20.42	20.65
			50	25	20.52	20.53	20.74
			50	50	20.50	20.44	20.65
			100	0	20.55	20.54	20.74
		16QAM	1	0	20.39	20.41	20.42
			1	50	20.44	20.34	20.63
			1	99	20.11	20.52	20.63
			50	0	20.33	20.42	20.56
			50	25	20.37	20.57	20.73
			50	50	20.37	20.48	20.44
			100	0	20.53	20.46	20.65
		64QAM	1	0	20.44	20.38	20.70
			1	50	20.55	20.72	20.66
			1	99	20.24	20.60	20.55
			50	0	20.46	20.53	20.50



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		50	25	20.46	20.31	20.66	21.00
		50	50	20.50	20.59	20.66	21.00
		100	0	20.38	20.12	20.62	21.00
	256QAM	1	0	18.33	18.32	18.67	19.50
		1	50	18.65	18.53	18.52	19.50
		1	99	18.47	18.79	18.55	19.50
		50	0	18.34	18.39	18.63	19.50
		50	25	18.61	18.56	18.71	19.50
		50	50	18.59	18.62	18.56	19.50
		100	0	18.53	18.51	18.70	19.50



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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	18.46	18.57	18.38	19.00
		1	13	18.57	18.57	18.60	19.00
		1	24	18.50	18.47	18.49	19.00
		12	0	18.40	18.42	18.50	19.00
		12	6	18.46	18.53	18.71	19.00
		12	13	18.49	18.45	18.56	19.00
		25	0	18.52	18.49	18.60	19.00
	16QAM	1	0	18.55	18.40	18.44	19.00
		1	13	18.54	18.65	18.31	19.00
		1	24	18.39	18.28	18.34	19.00
		12	0	18.27	18.49	18.59	19.00
		12	6	18.48	18.57	18.39	19.00
		12	13	18.52	18.66	18.60	19.00
		25	0	18.61	18.49	18.54	19.00
	64QAM	1	0	18.15	18.00	18.14	19.00
		1	13	18.52	18.33	18.64	19.00
		1	24	18.17	18.60	18.66	19.00
		12	0	18.35	18.51	18.43	19.00
		12	6	18.50	18.47	18.50	19.00
		12	13	18.64	18.61	18.73	19.00
		25	0	18.48	18.36	18.49	19.00
	256QAM	1	0	18.32	18.62	18.63	19.00
		1	13	18.35	18.65	18.52	19.00
		1	24	18.48	18.68	18.56	19.00
		12	0	18.35	18.42	18.54	19.00
		12	6	18.53	18.53	18.62	19.00
		12	13	18.48	18.48	18.71	19.00
		25	0	18.38	18.42	18.61	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	18.58	18.58	18.44	19.00
		1	25	18.53	18.59	18.54	19.00
		1	49	18.53	18.57	18.52	19.00
		25	0	18.34	18.55	18.50	19.00



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		25	13	18.45	18.49	18.60	19.00
		25	25	18.52	18.43	18.55	19.00
		50	0	18.50	18.57	18.61	19.00
	16QAM	1	0	18.60	18.44	18.72	19.00
		1	25	18.49	18.61	18.25	19.00
		1	49	18.39	18.27	18.44	19.00
		25	0	18.28	18.41	18.64	19.00
		25	13	18.41	18.55	18.29	19.00
		25	25	18.49	18.53	18.55	19.00
		50	0	18.52	18.56	18.56	19.00
	64QAM	1	0	18.17	17.98	18.16	19.00
		1	25	18.47	18.32	18.62	19.00
		1	49	18.24	18.57	18.51	19.00
		25	0	18.30	18.62	18.42	19.00
		25	13	18.44	18.40	18.50	19.00
		25	25	18.54	18.57	18.62	19.00
		50	0	18.50	18.40	18.37	19.00
	256QAM	1	0	18.33	18.55	18.65	19.00
		1	25	18.33	18.62	18.55	19.00
		1	49	18.60	18.69	18.53	19.00
		25	0	18.26	18.40	18.53	19.00
		25	13	18.48	18.57	18.73	19.00
		25	25	18.39	18.53	18.73	19.00
		50	0	18.51	18.30	18.58	19.00
		50	0	18.51	18.30	18.58	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	18.44	18.56	18.48	19.00
		1	38	18.45	18.67	18.53	19.00
		1	74	18.50	18.50	18.40	19.00
		36	0	18.39	18.50	18.49	19.00
		36	18	18.55	18.54	18.68	19.00
		36	39	18.41	18.50	18.49	19.00
		75	0	18.40	18.53	18.66	19.00
	16QAM	1	0	18.64	18.39	18.72	19.00
		1	38	18.45	18.53	18.25	19.00
		1	74	18.35	18.26	18.40	19.00
		36	0	18.26	18.54	18.59	19.00
		36	0	18.26	18.54	18.59	19.00



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		36	18	18.49	18.59	18.39	19.00
		36	39	18.52	18.65	18.65	19.00
		75	0	18.57	18.58	18.73	19.00
	64QAM	1	0	18.15	17.96	18.20	19.00
		1	38	18.53	18.35	18.49	19.00
		1	74	18.26	18.58	18.52	19.00
		36	0	18.39	18.52	18.57	19.00
		36	18	18.50	18.50	18.40	19.00
		36	39	18.61	18.64	18.62	19.00
		75	0	18.48	18.34	18.36	19.00
	256QAM	1	0	18.35	18.59	18.62	19.00
		1	38	18.28	18.64	18.48	19.00
		1	74	18.52	18.57	18.67	19.00
		36	0	18.35	18.45	18.60	19.00
		36	18	18.56	18.50	18.70	19.00
		36	39	18.45	18.58	18.72	19.00
		75	0	18.52	18.35	18.58	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	18.53	18.57	18.46	19.00
		1	50	18.55	18.64	18.61	19.00
		1	99	18.56	18.53	18.48	19.00
		50	0	18.37	18.50	18.59	19.00
		50	25	18.52	18.51	18.68	19.00
		50	50	18.47	18.53	18.72	19.00
		100	0	18.48	18.53	18.68	19.00
	16QAM	1	0	18.59	18.41	18.82	19.00
		1	50	18.55	18.60	18.35	19.00
		1	99	18.42	18.28	18.72	19.00
		50	0	18.35	18.50	18.59	19.00
		50	25	18.46	18.60	18.36	19.00
		50	50	18.55	18.63	18.65	19.00
		100	0	18.61	18.53	18.73	19.00
	64QAM	1	0	18.25	17.99	18.22	19.00
		1	50	18.49	18.42	18.59	19.00
		1	99	18.23	18.58	18.61	19.00
		50	0	18.38	18.57	18.52	19.00



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		50	25	18.54	18.50	18.70	19.00
		50	50	18.60	18.63	18.71	19.00
		100	0	18.46	18.41	18.46	19.00
	256QAM	1	0	18.32	18.58	18.71	19.00
		1	50	18.31	18.65	18.54	19.00
		1	99	18.57	18.67	18.62	19.00
		50	0	18.35	18.48	18.57	19.00
		50	25	18.56	18.56	18.68	19.00
		50	50	18.43	18.55	18.68	19.00
		100	0	18.48	18.39	18.66	19.00



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LTE Band 7 DS15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.39	16.62	16.45	17.00
		1	13	16.51	16.45	16.42	17.00
		1	24	16.38	16.40	16.46	17.00
		12	0	16.32	16.55	16.53	17.00
		12	6	16.35	16.47	16.64	17.00
		12	13	16.45	16.50	16.54	17.00
		25	0	16.44	16.47	16.58	17.00
	16QAM	1	0	16.44	16.48	16.55	17.00
		1	13	16.39	16.50	16.61	17.00
		1	24	16.13	16.43	16.54	17.00
		12	0	16.56	16.47	16.57	17.00
		12	6	16.55	16.43	16.75	17.00
		12	13	16.43	16.46	16.35	17.00
		25	0	16.57	16.43	16.62	17.00
	64QAM	1	0	16.56	16.25	16.58	17.00
		1	13	16.48	16.40	16.49	17.00
		1	24	16.24	16.39	16.40	17.00
		12	0	16.37	16.59	16.42	17.00
		12	6	16.36	16.43	16.73	17.00
		12	13	16.44	16.54	16.58	17.00
		25	0	16.58	16.40	16.45	17.00
	256QAM	1	0	16.33	16.59	16.57	17.00
		1	13	16.70	16.54	16.46	17.00
		1	24	16.50	16.79	16.56	17.00
		12	0	16.41	16.48	16.57	17.00
		12	6	16.50	16.34	16.60	17.00
		12	13	16.62	16.35	16.70	17.00
		25	0	16.53	16.54	16.71	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	16.44	16.66	16.37	17.00
		1	25	16.56	16.49	16.40	17.00
		1	49	16.30	16.40	16.37	17.00
		25	0	16.41	16.54	16.65	17.00



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		25	13	16.47	16.42	16.65	17.00
		25	25	16.40	16.55	16.48	17.00
		50	0	16.45	16.44	16.56	17.00
	16QAM	1	0	16.40	16.52	16.55	17.00
		1	25	16.32	16.52	16.56	17.00
		1	49	16.12	16.54	16.62	17.00
		25	0	16.55	16.53	16.57	17.00
		25	13	16.56	16.52	16.68	17.00
		25	25	16.35	16.43	16.36	17.00
		50	0	16.50	16.52	16.68	17.00
	64QAM	1	0	16.53	16.29	16.53	17.00
		1	25	16.54	16.36	16.59	17.00
		1	49	16.24	16.45	16.52	17.00
		25	0	16.36	16.49	16.43	17.00
		25	13	16.34	16.41	16.69	17.00
		25	25	16.48	16.54	16.58	17.00
		50	0	16.56	16.44	16.41	17.00
	256QAM	1	0	16.25	16.59	16.65	17.00
		1	25	16.65	16.54	16.35	17.00
		1	49	16.51	16.69	16.52	17.00
		25	0	16.52	16.52	16.67	17.00
		25	13	16.60	16.35	16.62	17.00
		25	25	16.63	16.36	16.76	17.00
		50	0	16.64	16.53	16.72	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.48	16.63	16.43	17.00
		1	38	16.52	16.43	16.44	17.00
		1	74	16.35	16.40	16.36	17.00
		36	0	16.41	16.44	16.61	17.00
		36	18	16.34	16.40	16.52	17.00
		36	39	16.47	16.54	16.60	17.00
		75	0	16.47	16.54	16.55	17.00
	16QAM	1	0	16.40	16.63	16.47	17.00
		1	38	16.40	16.45	16.66	17.00
		1	74	16.14	16.56	16.58	17.00
		36	0	16.55	16.46	16.58	17.00



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	64QAM	36	18	16.57	16.41	16.68	17.00
		36	39	16.42	16.52	16.41	17.00
		75	0	16.45	16.41	16.64	17.00
		1	0	16.53	16.24	16.54	17.00
		1	38	16.45	16.41	16.52	17.00
		1	74	16.29	16.44	16.49	17.00
		36	0	16.40	16.55	16.47	17.00
		36	18	16.49	16.48	16.73	17.00
		36	39	16.48	16.53	16.68	17.00
	256QAM	75	0	16.56	16.49	16.42	17.00
		1	0	16.24	16.54	16.63	17.00
		1	38	16.62	16.57	16.43	17.00
		1	74	16.50	16.74	16.51	17.00
		36	0	16.47	16.48	16.59	17.00
		36	18	16.54	16.44	16.68	17.00
		36	39	16.51	16.33	16.73	17.00
		75	0	16.63	16.63	16.64	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.44	16.68	16.45	17.00
		1	50	16.52	16.49	16.50	17.00
		1	99	16.39	16.49	16.46	17.00
		50	0	16.40	16.52	16.62	17.00
		50	25	16.43	16.48	16.62	17.00
		50	50	16.44	16.59	16.68	17.00
		100	0	16.49	16.49	16.64	17.00
	16QAM	1	0	16.41	16.81	16.51	17.00
		1	50	16.40	16.51	16.62	17.00
		1	99	16.13	16.52	16.59	17.00
		50	0	16.52	16.51	16.65	17.00
		50	25	16.54	16.50	16.74	17.00
		50	50	16.43	16.53	16.45	17.00
		100	0	16.54	16.51	16.63	17.00
	64QAM	1	0	16.51	16.31	16.54	17.00
		1	50	16.51	16.46	16.74	17.00
		1	99	16.31	16.71	16.47	17.00
		50	0	16.41	16.55	16.49	17.00



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		50	25	16.44	16.43	16.69	17.00
		50	50	16.50	16.56	16.73	17.00
		100	0	16.56	16.45	16.72	17.00
	256QAM	1	0	16.30	16.58	16.64	17.00
		1	50	16.66	16.60	16.43	17.00
		1	99	16.53	16.76	16.61	17.00
		50	0	16.49	16.50	16.65	17.00
		50	25	16.59	16.40	16.68	17.00
		50	50	16.58	16.40	16.73	17.00
		100	0	16.61	16.58	16.68	17.00



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LTE Band 25 DSI0/1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	22.33	22.16	22.26	23.50
		1	2	22.44	22.76	22.76	23.50
		1	5	22.72	22.44	22.61	23.50
		3	0	22.40	22.67	22.34	23.50
		3	2	22.74	22.62	22.34	23.50
		3	3	22.81	22.65	22.61	23.50
		6	0	22.64	22.40	22.59	23.50
	16QAM	1	0	22.60	22.28	22.26	23.50
		1	2	22.40	22.54	22.41	23.50
		1	5	22.02	22.59	22.23	23.50
		3	0	22.63	22.47	22.52	23.50
		3	2	22.54	22.24	22.25	23.50
		3	3	22.36	22.47	22.43	23.50
		6	0	21.79	21.38	21.45	22.50
	64QAM	1	0	21.57	21.42	21.46	22.50
		1	2	21.72	21.61	21.66	22.50
		1	5	21.87	21.56	21.51	22.50
		3	0	21.46	21.28	21.27	22.50
		3	2	21.45	21.04	21.24	22.50
		3	3	21.56	21.58	21.22	22.50
		6	0	20.67	20.69	20.52	21.50
	256QAM	1	0	18.60	18.63	18.51	19.50
		1	2	18.77	18.70	18.79	19.50
		1	5	18.68	18.48	18.32	19.50
		3	0	18.23	18.45	18.51	19.50
		3	2	18.75	18.70	18.52	19.50
		3	3	18.80	18.71	18.41	19.50
		6	0	18.75	18.50	18.63	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	
3MHz	QPSK	1	0	22.24	22.31	22.33	23.50
		1	7	22.47	22.75	22.83	23.50
		1	14	22.61	22.41	22.64	23.50
		8	0	22.50	22.69	22.27	23.50



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		8	4	22.77	22.59	22.44	23.50
		8	7	22.77	22.65	22.49	23.50
		15	0	22.61	22.42	22.67	23.50
	16QAM	1	0	22.52	22.28	22.16	23.50
		1	7	22.47	22.56	22.40	23.50
		1	14	21.97	21.90	21.97	23.50
		8	0	21.81	21.35	21.33	22.50
		8	4	21.52	21.29	21.52	22.50
		8	7	21.67	21.51	21.65	22.50
		15	0	21.87	21.57	21.38	22.50
	64QAM	1	0	21.41	21.29	21.29	22.50
		1	7	21.50	21.13	21.23	22.50
		1	14	21.51	21.62	21.29	22.50
		8	0	20.64	20.59	20.49	21.50
		8	4	20.64	20.64	20.41	21.50
		8	7	20.90	20.50	20.52	21.50
		15	0	20.82	20.47	20.41	21.50
	256QAM	1	0	18.58	18.60	18.47	19.50
		1	7	18.87	18.68	18.77	19.50
		1	14	18.68	18.44	18.25	19.50
		8	0	18.26	18.32	18.46	19.50
		8	4	18.80	18.73	18.55	19.50
		8	7	18.78	18.75	18.51	19.50
		15	0	18.81	18.53	18.55	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	22.31	22.19	22.30	23.50
		1	13	22.42	22.81	22.80	23.50
		1	24	22.71	22.51	22.58	23.50
		12	0	22.46	22.68	22.23	23.50
		12	6	22.80	22.51	22.41	23.50
		12	13	22.68	22.52	22.55	23.50
		25	0	22.58	22.45	22.66	23.50
	16QAM	1	0	22.59	22.29	22.18	23.50
		1	13	22.43	22.54	22.30	23.50
		1	24	22.12	21.78	21.99	23.50
		12	0	21.75	21.44	21.35	22.50



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		12	6	21.49	21.41	21.52	22.50
		12	13	21.65	21.49	21.55	22.50
		25	0	21.81	21.57	21.38	22.50
	64QAM	1	0	21.54	21.27	21.40	22.50
		1	13	21.50	21.10	21.13	22.50
		1	24	21.61	21.54	21.19	22.50
		12	0	20.60	20.67	20.47	21.50
		12	6	20.64	20.60	20.33	21.50
		12	13	20.89	20.43	20.51	21.50
		25	0	20.73	20.48	20.44	21.50
		1	0	18.62	18.65	18.45	19.50
	256QAM	1	13	18.79	18.59	18.71	19.50
		1	24	18.68	18.48	18.27	19.50
		12	0	18.17	18.46	18.55	19.50
		12	6	18.82	18.69	18.53	19.50
		12	13	18.71	18.75	18.48	19.50
		25	0	18.68	18.54	18.53	19.50
		1	0	22.23	22.28	22.34	23.50
		1	25	22.51	22.76	22.69	23.50
	QPSK	1	49	22.60	22.36	22.66	23.50
		25	0	22.45	22.58	22.24	23.50
		25	13	22.69	22.66	22.32	23.50
		25	25	22.77	22.64	22.61	23.50
		50	0	22.63	22.54	22.60	23.50
		1	0	22.58	22.26	22.25	23.50
		1	25	22.44	22.55	22.37	23.50
		1	49	21.99	21.82	21.89	23.50
	16QAM	25	0	21.79	21.44	21.46	22.50
		25	13	21.56	21.39	21.51	22.50
		25	25	21.69	21.56	21.57	22.50
		50	0	21.89	21.57	21.38	22.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
	64QAM	1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50
		25	0	20.74	20.59	20.49	21.50
		1	0	21.40	21.28	21.30	22.50
		1	25	21.38	21.04	21.23	22.50
		1	49	21.58	21.52	21.17	22.50