

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

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

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	64QAM	1	0	17.83	17.69	17.65	19.00
		1	38	17.49	17.49	17.69	19.00
		1	74	17.53	17.72	17.56	19.00
		36	0	17.88	17.67	17.64	19.00
		36	18	17.57	17.69	17.64	19.00
		36	39	17.67	17.58	17.56	19.00
		75	0	17.85	17.72	17.63	19.00
	256QAM	1	0	16.93	17.09	16.94	18.50
		1	38	17.04	16.97	16.80	18.50
		1	74	17.13	17.19	16.99	18.50
		36	0	17.00	17.18	17.30	18.50
		36	18	16.96	17.16	17.22	18.50
		36	39	17.15	17.24	17.31	18.50
		75	0	17.16	17.08	17.12	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.46	17.58	17.66	19.00
		1	50	17.59	17.59	17.69	19.00
		1	99	17.69	17.71	17.67	19.00
		50	0	17.54	17.60	17.61	19.00
		50	25	17.61	17.63	17.69	19.00
		50	50	17.76	17.72	17.63	19.00
		100	0	17.47	17.61	17.65	19.00
	16QAM	1	0	17.67	17.64	17.65	19.00
		1	50	17.69	17.65	17.66	19.00
		1	99	17.52	17.59	17.69	19.00
		50	0	17.59	17.59	17.70	19.00
		50	25	17.77	17.66	17.61	19.00
		50	50	17.52	17.52	17.70	19.00
		100	0	17.67	17.69	17.67	19.00
	64QAM	1	0	17.73	17.75	17.68	19.00
		1	50	17.49	17.56	17.67	19.00
		1	99	17.57	17.68	17.64	19.00
		50	0	17.78	17.68	17.62	19.00
		50	25	17.55	17.61	17.67	19.00
		50	50	17.59	17.67	17.62	19.00
		100	0	17.77	17.75	17.61	19.00
	256QAM	1	0	17.02	17.17	16.92	18.50
		1	50	16.98	16.95	16.83	18.50



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		1	99	17.14	17.19	16.92	18.50
		50	0	17.06	17.20	17.36	18.50
		50	25	16.99	17.19	17.13	18.50
		50	50	17.20	17.25	17.27	18.50
		100	0	17.15	17.08	17.11	18.50



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LTE Band 26 DSI 2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.54	23.52	23.49	25.00
		1	2	23.50	23.32	23.38	25.00
		1	5	23.40	23.35	23.48	25.00
		3	0	23.50	23.45	23.34	25.00
		3	2	23.39	23.35	23.55	25.00
		3	3	23.50	23.48	23.57	25.00
		6	0	22.43	22.54	22.58	24.00
	16QAM	1	0	22.45	22.38	22.56	24.00
		1	2	22.50	22.53	22.50	24.00
		1	5	22.50	22.47	22.56	24.00
		3	0	22.18	22.23	22.17	24.00
		3	2	22.15	22.12	22.18	24.00
		3	3	22.34	22.17	22.09	24.00
		6	0	21.57	21.54	21.47	23.00
	64QAM	1	0	21.24	21.36	21.39	23.00
		1	2	21.53	21.47	21.46	23.00
		1	5	21.53	21.49	21.32	23.00
		3	0	21.35	21.30	21.25	23.00
		3	2	21.34	21.29	21.18	23.00
		3	3	21.31	21.39	21.44	23.00
		6	0	20.53	20.54	20.58	22.00
	256QAM	1	0	18.41	18.52	18.44	20.00
		1	2	18.54	18.48	18.47	20.00
		1	5	18.59	18.51	18.67	20.00
		3	0	18.39	18.42	18.33	20.00
		3	2	18.37	18.42	18.48	20.00
		3	3	18.47	18.54	18.70	20.00
		6	0	18.55	18.63	18.42	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	23.41	23.36	23.39	25.00
		1	7	23.47	23.40	23.39	25.00
		1	14	23.47	23.36	23.55	25.00
		8	0	22.52	22.50	22.63	24.00
		8	4	22.55	22.53	22.52	24.00



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		8	7	22.38	22.57	22.50	24.00
		15	0	22.38	22.50	22.64	24.00
	16QAM	1	0	22.21	22.21	22.19	24.00
		1	7	22.15	22.13	22.11	24.00
		1	14	22.28	22.09	22.15	24.00
		8	0	21.63	21.54	21.49	23.00
		8	4	21.43	21.38	21.56	23.00
		8	7	21.45	21.43	21.53	23.00
		15	0	21.54	21.50	21.38	23.00
		1	0	21.21	21.24	21.43	23.00
	64QAM	1	7	21.27	21.40	21.27	23.00
		1	14	21.22	21.37	21.43	23.00
		8	0	20.57	20.58	20.46	22.00
		8	4	20.49	20.46	20.42	22.00
		8	7	20.50	20.58	20.51	22.00
		15	0	20.65	20.59	20.52	22.00
		1	0	18.44	18.48	18.53	20.00
	256QAM	1	7	18.37	18.36	18.37	20.00
		1	14	18.49	18.52	18.59	20.00
		8	0	18.52	18.43	18.44	20.00
		8	4	18.30	18.44	18.44	20.00
		8	7	18.43	18.44	18.64	20.00
		15	0	18.55	18.58	18.60	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.38	23.50	23.32	25.00
		1	13	23.42	23.48	23.44	25.00
		1	24	23.51	23.48	23.50	25.00
		12	0	22.42	22.39	22.54	24.00
		12	6	22.47	22.37	22.60	24.00
		12	13	22.49	22.58	22.44	24.00
		25	0	22.39	22.51	22.53	24.00
	16QAM	1	0	22.14	22.18	22.10	24.00
		1	13	22.12	22.19	22.08	24.00
		1	24	22.30	22.29	22.23	24.00
		12	0	21.63	21.40	21.35	23.00
		12	6	21.29	21.51	21.58	23.00
		12	13	21.55	21.47	21.43	23.00
		25	0	21.64	21.52	21.45	23.00



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	64QAM	1	0	21.24	21.36	21.26	23.00
		1	13	21.40	21.27	21.19	23.00
		1	24	21.31	21.34	21.25	23.00
		12	0	20.48	20.53	20.57	22.00
		12	6	20.61	20.36	20.59	22.00
		12	13	20.50	20.41	20.60	22.00
		25	0	20.62	20.54	20.54	22.00
	256QAM	1	0	18.47	18.40	18.56	20.00
		1	13	18.49	18.35	18.35	20.00
		1	24	18.56	18.58	18.65	20.00
		12	0	18.52	18.39	18.47	20.00
		12	6	18.30	18.49	18.50	20.00
		12	13	18.49	18.58	18.58	20.00
		25	0	18.43	18.63	18.51	20.00
Bandwidth	Modulation	RB size	RB offset				Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	23.54	23.54	23.42	25.00
		1	25	23.46	23.44	23.54	25.00
		1	49	23.49	23.35	23.43	25.00
		25	0	22.56	22.47	22.49	24.00
		25	13	22.45	22.55	22.44	24.00
		25	25	22.45	22.53	22.50	24.00
		50	0	22.53	22.56	22.55	24.00
	16QAM	1	0	22.12	22.12	22.21	24.00
		1	25	22.13	22.15	22.17	24.00
		1	49	22.28	22.09	22.26	24.00
		25	0	21.44	21.54	21.48	23.00
		25	13	21.40	21.36	21.45	23.00
		25	25	21.52	21.48	21.57	23.00
		50	0	21.56	21.51	21.50	23.00
	64QAM	1	0	21.37	21.37	21.29	23.00
		1	25	21.23	21.31	21.22	23.00
		1	49	21.28	21.28	21.41	23.00
		25	0	20.64	20.55	20.45	22.00
		25	13	20.50	20.40	20.51	22.00
		25	25	20.61	20.55	20.50	22.00
		50	0	20.50	20.55	20.61	22.00
	256QAM	1	0	18.55	18.51	18.55	20.00
		1	25	18.52	18.39	18.34	20.00



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		1	49	18.45	18.42	18.67	20.00
		25	0	18.53	18.46	18.32	20.00
		25	13	18.35	18.44	18.49	20.00
		25	25	18.46	18.45	18.70	20.00
		50	0	18.46	18.54	18.56	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	23.47	23.45	23.42	25.00
		1	38	23.42	23.42	23.46	25.00
		1	74	23.46	23.41	23.47	25.00
		36	0	22.52	22.47	22.55	24.00
		36	18	22.45	22.45	22.50	24.00
		36	39	22.44	22.49	22.44	24.00
		75	0	22.48	22.47	22.55	24.00
	16QAM	1	0	22.15	22.18	22.11	24.00
		1	38	22.06	22.15	22.12	24.00
		1	74	22.28	22.19	22.17	24.00
		36	0	21.53	21.45	21.45	23.00
		36	18	21.33	21.41	21.48	23.00
		36	39	21.51	21.43	21.49	23.00
		75	0	21.55	21.48	21.42	23.00
	64QAM	1	0	21.27	21.31	21.34	23.00
		1	38	21.32	21.35	21.28	23.00
		1	74	21.24	21.30	21.34	23.00
		36	0	20.54	20.50	20.47	22.00
		36	18	20.53	20.45	20.51	22.00
		36	39	20.52	20.51	20.50	22.00
		75	0	20.59	20.54	20.56	22.00
	256QAM	1	0	18.51	18.42	18.46	20.00
		1	38	18.44	18.45	18.40	20.00
		1	74	18.49	18.52	18.58	20.00
		36	0	18.44	18.44	18.41	20.00
		36	18	18.40	18.49	18.53	20.00
		36	39	18.49	18.54	18.62	20.00
		75	0	18.51	18.58	18.52	20.00



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LTE Band 26 DSI 4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	22.94	22.91	22.87	24.50
		1	2	22.84	22.84	22.89	24.50
		1	5	22.99	22.98	22.92	24.50
		3	0	22.89	22.83	22.82	24.50
		3	2	22.94	22.99	22.93	24.50
		3	3	22.95	22.86	23.02	24.50
		6	0	22.42	22.33	22.58	24.00
	16QAM	1	0	22.44	22.42	22.56	24.00
		1	2	22.34	22.50	22.50	24.00
		1	5	22.58	22.47	22.63	24.00
		3	0	22.13	22.27	22.22	24.00
		3	2	22.17	22.02	22.11	24.00
		3	3	22.36	22.07	22.18	24.00
		6	0	21.65	21.33	21.38	23.00
	64QAM	1	0	21.28	21.28	21.43	23.00
		1	2	21.56	21.45	21.60	23.00
		1	5	21.61	21.67	21.38	23.00
		3	0	21.22	21.28	21.30	23.00
		3	2	21.23	21.33	21.33	23.00
		3	3	21.07	21.26	21.34	23.00
		6	0	20.72	20.43	20.66	22.00
	256QAM	1	0	18.59	18.39	18.52	20.00
		1	2	18.43	18.53	18.57	20.00
		1	5	18.62	18.56	18.52	20.00
		3	0	18.54	18.52	18.54	20.00
		3	2	18.37	18.50	18.56	20.00
		3	3	18.56	18.55	18.59	20.00
		6	0	18.50	18.47	18.57	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.86	22.99	22.96	24.50
		1	7	22.89	22.90	22.89	24.50
		1	14	23.04	22.85	22.92	24.50
		8	0	22.43	22.29	22.71	24.00
		8	4	22.28	22.40	22.58	24.00



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		8	7	22.37	22.53	22.36	24.00
		15	0	22.40	22.59	22.48	24.00
	16QAM	1	0	22.13	22.31	22.18	24.00
		1	7	22.17	22.11	22.22	24.00
		1	14	22.16	22.14	22.01	24.00
		8	0	21.71	21.34	21.50	23.00
		8	4	21.36	21.35	21.38	23.00
		8	7	21.47	21.44	21.47	23.00
		15	0	21.48	21.50	21.37	23.00
		1	0	21.19	21.34	21.31	23.00
	64QAM	1	7	21.23	21.34	21.24	23.00
		1	14	21.22	21.29	21.27	23.00
		8	0	20.59	20.50	20.42	22.00
		8	4	20.57	20.48	20.57	22.00
		8	7	20.53	20.52	20.52	22.00
		15	0	20.67	20.50	20.52	22.00
		1	0	18.42	18.33	18.51	20.00
	256QAM	1	7	18.33	18.44	18.51	20.00
		1	14	18.45	18.70	18.41	20.00
		8	0	18.48	18.36	18.51	20.00
		8	4	18.37	18.46	18.56	20.00
		8	7	18.57	18.43	18.48	20.00
		15	0	18.48	18.55	18.60	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.05	22.85	23.01	24.50
		1	13	23.02	22.85	22.89	24.50
		1	24	22.92	22.82	22.86	24.50
		12	0	22.56	22.36	22.59	24.00
		12	6	22.41	22.44	22.64	24.00
		12	13	22.27	22.58	22.34	24.00
		25	0	22.52	22.40	22.54	24.00
	16QAM	1	0	22.06	22.30	22.15	24.00
		1	13	22.11	22.09	22.23	24.00
		1	24	22.21	22.16	22.03	24.00
		12	0	21.56	21.39	21.47	23.00
		12	6	21.25	21.40	21.54	23.00
		12	13	21.45	21.61	21.49	23.00
		25	0	21.61	21.49	21.29	23.00



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	64QAM	1	0	21.17	21.30	21.36	23.00
		1	13	21.24	21.27	21.19	23.00
		1	24	21.24	21.11	21.18	23.00
		12	0	20.64	20.53	20.49	22.00
		12	6	20.50	20.42	20.38	22.00
		12	13	20.43	20.52	20.43	22.00
		25	0	20.59	20.50	20.46	22.00
	256QAM	1	0	18.61	18.41	18.38	20.00
		1	13	18.26	18.37	18.53	20.00
		1	24	18.56	18.71	18.52	20.00
		12	0	18.38	18.38	18.38	20.00
		12	6	18.43	18.58	18.50	20.00
		12	13	18.48	18.60	18.48	20.00
		25	0	18.44	18.57	18.64	20.00
Bandwidth	Modulation	RB size	RB offset				Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	22.99	22.85	22.82	24.50
		1	25	23.04	22.97	23.00	24.50
		1	49	22.91	22.93	22.97	24.50
		25	0	22.49	22.35	22.60	24.00
		25	13	22.31	22.50	22.69	24.00
		25	25	22.36	22.62	22.42	24.00
		50	0	22.52	22.40	22.63	24.00
	16QAM	1	0	22.18	22.20	22.22	24.00
		1	25	22.14	22.15	22.21	24.00
		1	49	22.29	22.19	22.09	24.00
		25	0	21.71	21.52	21.47	23.00
		25	13	21.40	21.38	21.39	23.00
		25	25	21.46	21.57	21.54	23.00
		50	0	21.56	21.66	21.33	23.00
	64QAM	1	0	21.29	21.21	21.36	23.00
		1	25	21.29	21.27	21.13	23.00
		1	49	21.23	21.16	21.28	23.00
		25	0	20.69	20.57	20.49	22.00
		25	13	20.55	20.41	20.42	22.00
		25	25	20.38	20.58	20.55	22.00
		50	0	20.61	20.46	20.54	22.00
	256QAM	1	0	18.44	18.37	18.40	20.00
		1	25	18.30	18.49	18.50	20.00



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		1	49	18.53	18.54	18.59	20.00
		25	0	18.55	18.48	18.53	20.00
		25	13	18.44	18.50	18.56	20.00
		25	25	18.60	18.49	18.49	20.00
		50	0	18.56	18.52	18.57	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	22.96	22.93	22.92	24.50
		1	38	22.94	22.90	22.93	24.50
		1	74	22.97	22.89	22.94	24.50
		36	0	22.48	22.39	22.64	24.00
		36	18	22.35	22.45	22.59	24.00
		36	39	22.37	22.53	22.43	24.00
		75	0	22.50	22.50	22.53	24.00
	16QAM	1	0	22.14	22.23	22.13	24.00
		1	38	22.08	22.05	22.20	24.00
		1	74	22.26	22.14	22.08	24.00
		36	0	21.62	21.42	21.44	23.00
		36	18	21.33	21.36	21.48	23.00
		36	39	21.55	21.53	21.50	23.00
		75	0	21.54	21.58	21.37	23.00
	64QAM	1	0	21.21	21.24	21.26	23.00
		1	38	21.24	21.27	21.23	23.00
		1	74	21.14	21.20	21.28	23.00
		36	0	20.62	20.55	20.45	22.00
		36	18	20.60	20.50	20.48	22.00
		36	39	20.48	20.50	20.51	22.00
		75	0	20.69	20.52	20.56	22.00
	256QAM	1	0	18.52	18.43	18.43	20.00
		1	38	18.35	18.46	18.50	20.00
		1	74	18.55	18.62	18.51	20.00
		36	0	18.47	18.46	18.45	20.00
		36	18	18.34	18.56	18.50	20.00
		36	39	18.50	18.52	18.57	20.00
		75	0	18.49	18.53	18.61	20.00



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LTE Band 26 DSI 8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	19.82	19.87	19.99	21.50
		1	2	19.82	19.94	20.01	21.50
		1	5	19.99	19.88	19.98	21.50
		3	0	19.85	19.95	20.05	21.50
		3	2	20.04	19.92	20.03	21.50
		3	3	19.90	19.86	19.87	21.50
		6	0	19.91	19.83	20.04	21.50
	16QAM	1	0	19.86	19.91	19.85	21.50
		1	2	20.01	19.90	20.00	21.50
		1	5	19.99	20.08	19.88	21.50
		3	0	19.94	19.81	19.87	21.50
		3	2	19.89	19.89	19.95	21.50
		3	3	20.03	19.86	19.89	21.50
		6	0	19.99	19.88	19.96	21.50
	64QAM	1	0	19.88	19.94	19.96	21.50
		1	2	20.03	19.92	19.86	21.50
		1	5	19.88	19.89	19.93	21.50
		3	0	19.98	19.81	19.87	21.50
		3	2	19.95	19.92	19.93	21.50
		3	3	19.94	19.95	19.88	21.50
		6	0	19.93	19.96	19.98	21.50
	256QAM	1	0	18.54	18.52	18.45	20.00
		1	2	18.22	18.60	18.46	20.00
		1	5	18.46	18.56	18.51	20.00
		3	0	18.48	18.50	18.48	20.00
		3	2	18.34	18.51	18.34	20.00
		3	3	18.38	18.49	18.62	20.00
		6	0	18.44	18.37	18.68	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	19.90	19.99	19.93	21.50
		1	7	19.92	19.91	19.93	21.50
		1	14	19.91	19.97	19.93	21.50
		8	0	19.91	20.08	19.87	21.50
		8	4	19.94	20.03	19.99	21.50



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		8	7	19.99	19.89	19.82	21.50
		15	0	19.90	19.85	20.02	21.50
	16QAM	1	0	19.99	19.93	19.83	21.50
		1	7	20.06	19.94	19.89	21.50
		1	14	19.98	19.97	19.84	21.50
		8	0	19.85	19.83	19.99	21.50
		8	4	19.83	19.80	19.91	21.50
		8	7	20.07	19.88	19.99	21.50
		15	0	19.96	19.97	19.92	21.50
		1	0	19.86	19.95	20.07	21.50
	64QAM	1	7	20.04	20.04	19.89	21.50
		1	14	19.93	19.95	20.02	21.50
		8	0	19.90	19.87	19.97	21.50
		8	4	20.05	19.88	19.93	21.50
		8	7	19.91	19.91	20.01	21.50
		15	0	19.89	19.78	19.90	21.50
		1	0	18.57	18.50	18.52	20.00
	256QAM	1	7	18.40	18.59	18.35	20.00
		1	14	18.62	18.60	18.37	20.00
		8	0	18.44	18.33	18.60	20.00
		8	4	18.34	18.57	18.38	20.00
		8	7	18.39	18.38	18.65	20.00
		15	0	18.44	18.47	18.69	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	19.89	19.99	19.83	21.50
		1	13	19.82	19.83	19.94	21.50
		1	24	19.93	20.00	19.96	21.50
		12	0	19.96	19.92	20.02	21.50
		12	6	19.87	19.84	19.94	21.50
		12	13	19.86	19.95	19.83	21.50
		25	0	20.07	19.93	19.84	21.50
	16QAM	1	0	19.83	19.95	19.87	21.50
		1	13	19.92	19.84	19.89	21.50
		1	24	19.86	20.07	19.91	21.50
		12	0	19.83	19.95	19.92	21.50
		12	6	19.94	19.88	19.93	21.50
		12	13	20.03	20.01	19.93	21.50
		25	0	19.94	19.96	19.82	21.50



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	64QAM	1	0	19.85	20.00	19.99	21.50
		1	13	19.86	20.01	19.92	21.50
		1	24	19.98	19.96	20.01	21.50
		12	0	20.00	19.92	19.94	21.50
		12	6	19.99	19.89	19.80	21.50
		12	13	19.94	19.89	19.87	21.50
		25	0	19.90	19.82	19.88	21.50
	256QAM	1	0	18.56	18.50	18.51	20.00
		1	13	18.33	18.56	18.37	20.00
		1	24	18.49	18.57	18.46	20.00
		12	0	18.48	18.36	18.61	20.00
		12	6	18.31	18.68	18.34	20.00
		12	13	18.45	18.34	18.65	20.00
		25	0	18.58	18.47	18.71	20.00
Bandwidth	Modulation	RB size	RB offset				Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	20.00	19.89	19.87	21.50
		1	25	19.85	20.00	19.85	21.50
		1	49	19.97	19.97	19.92	21.50
		25	0	19.92	20.03	19.90	21.50
		25	13	19.90	19.86	20.01	21.50
		25	25	19.94	20.01	19.82	21.50
		50	0	19.94	19.99	20.03	21.50
	16QAM	1	0	19.83	19.91	19.99	21.50
		1	25	19.94	19.82	20.02	21.50
		1	49	20.01	20.04	19.79	21.50
		25	0	19.95	19.82	19.84	21.50
		25	13	19.91	19.96	19.91	21.50
		25	25	20.05	20.02	19.83	21.50
		50	0	19.94	19.98	20.01	21.50
	64QAM	1	0	20.01	19.94	20.02	21.50
		1	25	19.96	19.94	19.86	21.50
		1	49	20.04	19.79	20.01	21.50
		25	0	20.00	19.84	19.98	21.50
		25	13	19.99	19.94	19.93	21.50
		25	25	19.87	19.94	19.90	21.50
		50	0	19.99	19.89	19.86	21.50
	256QAM	1	0	18.48	18.43	18.50	20.00
		1	25	18.30	18.52	18.45	20.00



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		1	49	18.61	18.44	18.56	20.00
		25	0	18.50	18.31	18.53	20.00
		25	13	18.34	18.64	18.52	20.00
		25	25	18.43	18.54	18.48	20.00
		50	0	18.48	18.57	18.60	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	19.92	19.91	19.93	21.50
		1	38	19.90	19.92	19.94	21.50
		1	74	19.95	19.95	19.98	21.50
		36	0	19.94	19.98	19.95	21.50
		36	18	19.95	19.93	20.01	21.50
		36	39	19.94	19.95	19.92	21.50
		75	0	20.00	19.93	19.94	21.50
	16QAM	1	0	19.93	19.88	19.93	21.50
		1	38	19.96	19.89	19.97	21.50
		1	74	19.96	20.00	19.87	21.50
		36	0	19.87	19.87	19.91	21.50
		36	18	19.93	19.88	19.94	21.50
		36	39	19.98	19.95	19.89	21.50
		75	0	19.94	19.90	19.91	21.50
	64QAM	1	0	19.95	19.93	20.02	21.50
		1	38	19.96	19.97	19.95	21.50
		1	74	19.97	19.88	19.94	21.50
		36	0	19.93	19.86	19.92	21.50
		36	18	19.95	19.95	19.90	21.50
		36	39	19.97	19.91	19.93	21.50
		75	0	19.91	19.86	19.93	21.50
	256QAM	1	0	18.54	18.53	18.46	20.00
		1	38	18.30	18.51	18.43	20.00
		1	74	18.52	18.54	18.47	20.00
		36	0	18.52	18.41	18.51	20.00
		36	18	18.36	18.60	18.44	20.00
		36	39	18.40	18.44	18.55	20.00
		75	0	18.50	18.47	18.67	20.00



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LTE Band 66 DSI 2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.57	22.58	22.62	24.00
		1	2	22.63	22.48	22.64	24.00
		1	5	22.61	22.55	22.60	24.00
		3	0	22.60	22.61	22.72	24.00
		3	1	22.70	22.49	22.70	24.00
		3	3	22.57	22.49	22.48	24.00
		6	0	21.72	21.76	21.57	23.00
	16QAM	1	0	21.76	21.60	21.73	23.00
		1	2	21.36	21.51	21.40	23.00
		1	5	21.52	21.52	21.63	23.00
		3	0	21.58	21.60	21.63	23.00
		3	1	21.72	21.73	21.76	23.00
		3	3	21.41	21.58	21.47	23.00
		6	0	20.89	20.75	20.84	22.00
	64QAM	1	0	20.49	20.62	20.58	22.00
		1	2	20.52	20.51	20.51	22.00
		1	5	20.54	20.48	20.46	22.00
		3	0	20.67	20.65	20.49	22.00
		3	1	20.56	20.50	20.68	22.00
		3	3	20.67	20.50	20.63	22.00
		6	0	19.75	19.69	19.85	21.00
	256QAM	1	0	18.34	18.40	18.31	19.00
		1	2	18.18	18.30	18.35	19.00
		1	5	18.40	18.43	18.36	19.00
		3	0	18.24	18.30	18.16	19.00
		3	1	18.13	18.27	18.30	19.00
		3	3	18.17	18.20	18.26	19.00
		6	0	18.08	18.17	18.09	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	22.69	22.67	22.61	24.00
		1	7	22.63	22.58	22.53	24.00
		1	14	22.56	22.62	22.44	24.00
		8	0	21.75	21.68	21.78	23.00
		8	4	21.52	21.62	21.50	23.00



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		8	7	21.63	21.71	21.54	23.00
		15	0	21.68	21.72	21.57	23.00
	16QAM	1	0	21.77	21.65	21.66	23.00
		1	7	21.51	21.43	21.35	23.00
		1	14	21.64	21.45	21.69	23.00
		8	0	20.77	20.74	20.70	22.00
		8	4	20.92	20.95	20.76	22.00
		8	7	20.70	20.81	20.76	22.00
		15	0	20.88	20.79	20.75	22.00
		1	0	20.68	20.49	20.55	22.00
	64QAM	1	7	20.45	20.57	20.66	22.00
		1	14	20.57	20.63	20.60	22.00
		8	0	19.72	19.82	19.60	21.00
		8	4	19.61	19.69	19.80	21.00
		8	7	19.79	19.72	19.84	21.00
		15	0	19.82	19.83	19.83	21.00
		1	0	18.35	18.42	18.32	19.00
	256QAM	1	7	18.08	18.36	18.30	19.00
		1	14	18.33	18.26	18.36	19.00
		8	0	18.09	18.32	18.21	19.00
		8	4	18.14	18.21	18.14	19.00
		8	7	18.25	18.29	18.25	19.00
		15	0	18.16	18.07	18.10	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	22.59	22.66	22.72	24.00
		1	13	22.74	22.64	22.67	24.00
		1	24	22.50	22.49	22.46	24.00
		12	0	21.64	21.52	21.67	23.00
		12	6	21.51	21.67	21.55	23.00
		12	13	21.61	21.52	21.56	23.00
		25	0	21.69	21.62	21.73	23.00
	16QAM	1	0	21.74	21.69	21.63	23.00
		1	13	21.51	21.47	21.30	23.00
		1	24	21.54	21.58	21.62	23.00
		12	0	20.78	20.69	20.85	22.00
		12	6	20.92	20.76	20.81	22.00
		12	13	20.64	20.78	20.74	22.00
		25	0	20.95	20.83	20.67	22.00



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	64QAM	1	0	20.62	20.64	20.48	22.00
		1	13	20.42	20.59	20.66	22.00
		1	24	20.53	20.54	20.60	22.00
		12	0	19.73	19.66	19.77	21.00
		12	6	19.70	19.85	19.83	21.00
		12	13	19.70	19.82	19.90	21.00
		25	0	19.78	19.68	19.86	21.00
	256QAM	1	0	18.47	18.32	18.37	19.00
		1	13	18.10	18.31	18.37	19.00
		1	24	18.45	18.40	18.43	19.00
		12	0	18.13	18.18	18.18	19.00
		12	6	18.32	18.29	18.24	19.00
		12	13	18.30	18.22	18.25	19.00
		25	0	18.03	18.16	18.13	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	22.56	22.61	22.75	24.00
		1	25	22.60	22.59	22.52	24.00
		1	49	22.47	22.57	22.55	24.00
		25	0	21.64	21.68	21.73	23.00
		25	13	21.40	21.65	21.52	23.00
		25	25	21.71	21.55	21.51	23.00
		50	0	21.72	21.59	21.66	23.00
	16QAM	1	0	21.61	21.74	21.76	23.00
		1	25	21.40	21.41	21.48	23.00
		1	49	21.54	21.61	21.70	23.00
		25	0	20.82	20.75	20.67	22.00
		25	13	20.91	20.80	20.91	22.00
		25	25	20.73	20.79	20.82	22.00
		50	0	20.78	20.78	20.77	22.00
	64QAM	1	0	20.69	20.47	20.65	22.00
		1	25	20.58	20.61	20.67	22.00
		1	49	20.70	20.45	20.64	22.00
		25	0	19.75	19.66	19.68	21.00
		25	13	19.67	19.74	19.72	21.00
		25	25	19.82	19.77	19.93	21.00
		50	0	19.74	19.83	19.85	21.00
	256QAM	1	0	18.31	18.28	18.38	19.00
		1	25	18.28	18.34	18.38	19.00



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		1	49	18.27	18.23	18.24	19.00
		25	0	18.25	18.27	18.18	19.00
		25	13	18.12	18.24	18.20	19.00
		25	25	18.32	18.18	18.34	19.00
		50	0	18.11	18.20	18.15	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	22.63	22.70	22.75	24.00
		1	38	22.64	22.49	22.68	24.00
		1	74	22.49	22.63	22.58	24.00
		36	0	21.80	21.69	21.59	23.00
		36	18	21.46	21.66	21.48	23.00
		36	39	21.54	21.68	21.54	23.00
		75	0	21.54	21.62	21.62	23.00
	16QAM	1	0	21.62	21.60	21.59	23.00
		1	38	21.44	21.44	21.40	23.00
		1	74	21.60	21.64	21.52	23.00
		36	0	20.81	20.68	20.80	22.00
		36	18	20.87	20.79	20.91	22.00
		36	39	20.78	20.78	20.78	22.00
		75	0	20.86	20.78	20.78	22.00
	64QAM	1	0	20.67	20.65	20.61	22.00
		1	38	20.56	20.55	20.63	22.00
		1	74	20.58	20.49	20.63	22.00
		36	0	19.82	19.84	19.73	21.00
		36	18	19.61	19.68	19.69	21.00
		36	39	19.81	19.80	19.85	21.00
		75	0	19.85	19.86	19.78	21.00
	256QAM	1	0	18.31	18.40	18.31	19.00
		1	38	18.23	18.31	18.34	19.00
		1	74	18.25	18.36	18.26	19.00
		36	0	18.11	18.27	18.27	19.00
		36	18	18.24	18.30	18.25	19.00
		36	39	18.14	18.19	18.23	19.00
		75	0	18.16	18.16	18.06	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.62	22.67	22.65	24.00
		1	50	22.65	22.58	22.60	24.00



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		1	99	22.56	22.53	22.51	24.00
		50	0	21.71	21.62	21.69	23.00
		50	25	21.50	21.59	21.58	23.00
		50	50	21.61	21.61	21.58	23.00
		100	0	21.63	21.68	21.64	23.00
	16QAM	1	0	21.71	21.64	21.67	23.00
		1	50	21.43	21.50	21.40	23.00
		1	99	21.58	21.55	21.60	23.00
		50	0	20.74	20.78	20.76	22.00
		50	25	20.89	20.85	20.81	22.00
		50	50	20.69	20.75	20.82	22.00
		100	0	20.87	20.78	20.74	22.00
	64QAM	1	0	20.59	20.57	20.56	22.00
		1	50	20.49	20.53	20.61	22.00
		1	99	20.63	20.54	20.55	22.00
		50	0	19.82	19.76	19.69	21.00
		50	25	19.70	19.78	19.74	21.00
		50	50	19.72	19.80	19.83	21.00
		100	0	19.76	19.78	19.83	21.00
	256QAM	1	0	18.40	18.32	18.29	19.00
		1	50	18.18	18.27	18.32	19.00
		1	99	18.35	18.33	18.34	19.00
		50	0	18.19	18.24	18.21	19.00
		50	25	18.22	18.22	18.24	19.00
		50	50	18.22	18.26	18.28	19.00
		100	0	18.09	18.17	18.11	19.00



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LTE Band 66 DSI 4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.64	19.68	19.64	21.00
		1	2	19.52	19.61	19.71	21.00
		1	5	19.50	19.73	19.61	21.00
		3	0	19.85	19.85	19.86	21.00
		3	1	19.69	19.79	19.81	21.00
		3	3	19.85	19.69	19.77	21.00
		6	0	19.73	19.76	19.69	21.00
	16QAM	1	0	19.85	19.83	19.78	21.00
		1	2	19.63	19.64	19.62	21.00
		1	5	19.63	19.61	19.61	21.00
		3	0	19.75	19.78	19.82	21.00
		3	1	19.64	19.74	19.72	21.00
		3	3	19.81	19.67	19.81	21.00
		6	0	19.79	19.71	19.65	21.00
	64QAM	1	0	19.38	19.48	19.57	21.00
		1	2	19.40	19.47	19.52	21.00
		1	5	19.47	19.49	19.63	21.00
		3	0	19.58	19.64	19.79	21.00
		3	1	19.75	19.80	19.59	21.00
		3	3	19.64	19.75	19.56	21.00
		6	0	19.72	19.63	19.60	21.00
	256QAM	1	0	18.36	18.27	18.35	19.00
		1	2	18.38	18.27	18.19	19.00
		1	5	18.34	18.39	18.32	19.00
		3	0	18.25	18.22	18.25	19.00
		3	1	18.21	18.14	18.21	19.00
		3	3	18.13	18.30	18.27	19.00
		6	0	18.20	18.28	18.23	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	19.68	19.58	19.71	21.00
		1	7	19.64	19.71	19.70	21.00
		1	14	19.55	19.56	19.66	21.00
		8	0	19.96	19.84	19.82	21.00
		8	4	19.66	19.70	19.89	21.00



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		8	7	19.72	19.73	19.76	21.00
		15	0	19.75	19.67	19.83	21.00
	16QAM	1	0	19.69	19.68	19.76	21.00
		1	7	19.57	19.73	19.77	21.00
		1	14	19.45	19.64	19.51	21.00
		8	0	19.83	19.79	19.65	21.00
		8	4	19.70	19.80	19.76	21.00
		8	7	19.81	19.79	19.76	21.00
		15	0	19.83	19.60	19.58	21.00
		1	0	19.50	19.43	19.54	21.00
	64QAM	1	7	19.41	19.48	19.50	21.00
		1	14	19.48	19.53	19.56	21.00
		8	0	19.72	19.64	19.64	21.00
		8	4	19.74	19.74	19.70	21.00
		8	7	19.76	19.61	19.71	21.00
		15	0	19.67	19.74	19.57	21.00
		1	0	18.35	18.46	18.38	19.00
	256QAM	1	7	18.31	18.36	18.26	19.00
		1	14	18.39	18.41	18.30	19.00
		8	0	18.09	18.27	18.28	19.00
		8	4	18.11	18.18	18.15	19.00
		8	7	18.26	18.13	18.14	19.00
		15	0	18.24	18.27	18.21	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.70	19.62	19.58	21.00
		1	13	19.69	19.73	19.77	21.00
		1	24	19.60	19.67	19.53	21.00
		12	0	19.84	19.75	19.83	21.00
		12	6	19.76	19.71	19.85	21.00
		12	13	19.87	19.76	19.77	21.00
		25	0	19.75	19.75	19.83	21.00
	16QAM	1	0	19.85	19.77	19.71	21.00
		1	13	19.50	19.58	19.77	21.00
		1	24	19.52	19.63	19.67	21.00
		12	0	19.87	19.79	19.65	21.00
		12	6	19.73	19.80	19.74	21.00
		12	13	19.81	19.78	19.72	21.00
		25	0	19.82	19.71	19.70	21.00



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	64QAM	1	0	19.41	19.60	19.52	21.00
		1	13	19.43	19.50	19.53	21.00
		1	24	19.43	19.50	19.44	21.00
		12	0	19.64	19.74	19.61	21.00
		12	6	19.90	19.70	19.56	21.00
		12	13	19.81	19.74	19.56	21.00
		25	0	19.67	19.69	19.63	21.00
	256QAM	1	0	18.47	18.27	18.31	19.00
		1	13	18.31	18.25	18.32	19.00
		1	24	18.39	18.38	18.32	19.00
		12	0	18.19	18.28	18.19	19.00
		12	6	18.20	18.29	18.20	19.00
		12	13	18.20	18.32	18.16	19.00
		25	0	18.18	18.20	18.29	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.57	19.59	19.73	21.00
		1	25	19.70	19.62	19.71	21.00
		1	49	19.55	19.63	19.64	21.00
		25	0	19.91	19.71	19.83	21.00
		25	13	19.62	19.75	19.89	21.00
		25	25	19.83	19.74	19.88	21.00
		50	0	19.83	19.66	19.86	21.00
	16QAM	1	0	19.73	19.70	19.81	21.00
		1	25	19.58	19.70	19.75	21.00
		1	49	19.49	19.64	19.67	21.00
		25	0	19.68	19.73	19.77	21.00
		25	13	19.72	19.74	19.73	21.00
		25	25	19.68	19.80	19.77	21.00
		50	0	19.77	19.62	19.58	21.00
	64QAM	1	0	19.45	19.47	19.43	21.00
		1	25	19.39	19.50	19.35	21.00
		1	49	19.52	19.46	19.44	21.00
		25	0	19.74	19.65	19.64	21.00
		25	13	19.80	19.70	19.74	21.00
		25	25	19.70	19.75	19.64	21.00
		50	0	19.75	19.73	19.68	21.00
	256QAM	1	0	18.47	18.29	18.37	19.00
		1	25	18.28	18.24	18.23	19.00



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		1	49	18.36	18.37	18.30	19.00
		25	0	18.12	18.32	18.26	19.00
		25	13	18.17	18.14	18.05	19.00
		25	25	18.19	18.14	18.13	19.00
		50	0	18.33	18.10	18.25	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.62	19.70	19.63	21.00
		1	38	19.54	19.62	19.76	21.00
		1	74	19.57	19.71	19.56	21.00
		36	0	19.92	19.75	19.93	21.00
		36	18	19.75	19.65	19.88	21.00
		36	39	19.74	19.73	19.74	21.00
		75	0	19.80	19.73	19.84	21.00
	16QAM	1	0	19.80	19.74	19.76	21.00
		1	38	19.57	19.66	19.73	21.00
		1	74	19.53	19.62	19.48	21.00
		36	0	19.74	19.69	19.79	21.00
		36	18	19.76	19.85	19.90	21.00
		36	39	19.87	19.72	19.80	21.00
		75	0	19.86	19.74	19.72	21.00
	64QAM	1	0	19.50	19.54	19.49	21.00
		1	38	19.40	19.40	19.42	21.00
		1	74	19.46	19.58	19.44	21.00
		36	0	19.60	19.67	19.63	21.00
		36	18	19.79	19.77	19.55	21.00
		36	39	19.81	19.66	19.63	21.00
		75	0	19.77	19.79	19.56	21.00
	256QAM	1	0	18.30	18.33	18.25	19.00
		1	38	18.40	18.24	18.13	19.00
		1	74	18.41	18.31	18.27	19.00
		36	0	18.27	18.31	18.26	19.00
		36	18	18.07	18.18	18.06	19.00
		36	39	18.32	18.28	18.31	19.00
		75	0	18.32	18.28	18.13	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	19.62	19.66	19.64	21.00
		1	50	19.62	19.71	19.75	21.00



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		1	99	19.58	19.65	19.61	21.00
		50	0	19.86	19.77	19.86	21.00
		50	25	19.68	19.69	19.79	21.00
		50	50	19.78	19.73	19.81	21.00
		100	0	19.74	19.71	19.76	21.00
	16QAM	1	0	19.77	19.74	19.72	21.00
		1	50	19.56	19.66	19.67	21.00
		1	99	19.55	19.65	19.58	21.00
		50	0	19.78	19.76	19.74	21.00
		50	25	19.68	19.78	19.82	21.00
		50	50	19.78	19.70	19.73	21.00
		100	0	19.77	19.69	19.65	21.00
	64QAM	1	0	19.44	19.53	19.51	21.00
		1	50	19.38	19.40	19.45	21.00
		1	99	19.47	19.49	19.54	21.00
		50	0	19.66	19.70	19.71	21.00
		50	25	19.80	19.71	19.64	21.00
		50	50	19.71	19.68	19.65	21.00
		100	0	19.70	19.72	19.66	21.00
	256QAM	1	0	18.39	18.36	18.34	19.00
		1	50	18.32	18.32	18.22	19.00
		1	99	18.32	18.35	18.32	19.00
		50	0	18.17	18.22	18.28	19.00
		50	25	18.16	18.24	18.14	19.00
		50	50	18.22	18.23	18.23	19.00
		100	0	18.24	18.20	18.19	19.00



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LTE Band 66 DSI 8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	17.45	17.41	17.36	18.00
		1	2	17.34	17.44	17.34	18.00
		1	5	17.35	17.23	17.37	18.00
		3	0	17.19	17.24	17.31	18.00
		3	1	17.14	17.17	17.05	18.00
		3	3	17.16	17.16	17.27	18.00
		6	0	17.22	17.15	17.20	18.00
	16QAM	1	0	17.40	17.31	17.39	18.00
		1	2	17.40	17.35	17.20	18.00
		1	5	17.31	17.27	17.19	18.00
		3	0	17.06	17.21	17.29	18.00
		3	1	17.14	17.21	17.06	18.00
		3	3	17.17	17.23	17.25	18.00
		6	0	17.30	17.30	17.20	18.00
	64QAM	1	0	17.36	17.46	17.32	18.00
		1	2	17.30	17.36	17.27	18.00
		1	5	17.33	17.30	17.34	18.00
		3	0	17.13	17.22	17.32	18.00
		3	1	17.19	17.30	17.21	18.00
		3	3	17.18	17.21	17.30	18.00
		6	0	17.20	17.11	17.13	18.00
	256QAM	1	0	17.39	17.29	17.38	18.00
		1	2	17.39	17.30	17.29	18.00
		1	5	17.26	17.27	17.35	18.00
		3	0	17.17	17.20	17.38	18.00
		3	1	17.13	17.14	17.17	18.00
		3	3	17.21	17.12	17.22	18.00
		6	0	17.25	17.07	17.23	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	17.48	17.29	17.45	18.00
		1	7	17.26	17.32	17.37	18.00
		1	14	17.41	17.36	17.32	18.00
		8	0	17.10	17.33	17.25	18.00
		8	4	17.07	17.19	17.10	18.00



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		8	7	17.18	17.25	17.08	18.00
		15	0	17.25	17.11	17.20	18.00
	16QAM	1	0	17.31	17.34	17.39	18.00
		1	7	17.24	17.36	17.27	18.00
		1	14	17.31	17.23	17.19	18.00
		8	0	17.09	17.27	17.39	18.00
		8	4	17.28	17.15	17.20	18.00
		8	7	17.13	17.30	17.21	18.00
		15	0	17.20	17.14	17.18	18.00
		1	0	17.29	17.39	17.30	18.00
	64QAM	1	7	17.33	17.42	17.26	18.00
		1	14	17.23	17.23	17.21	18.00
		8	0	17.14	17.23	17.35	18.00
		8	4	17.22	17.14	17.05	18.00
		8	7	17.18	17.29	17.19	18.00
		15	0	17.25	17.21	17.07	18.00
		1	0	17.47	17.37	17.35	18.00
	256QAM	1	7	17.23	17.34	17.31	18.00
		1	14	17.29	17.38	17.27	18.00
		8	0	17.12	17.26	17.29	18.00
		8	4	17.09	17.33	17.19	18.00
		8	7	17.25	17.23	17.11	18.00
		15	0	17.33	17.13	17.24	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	17.44	17.36	17.41	18.00
		1	13	17.35	17.26	17.19	18.00
		1	24	17.43	17.29	17.43	18.00
		12	0	17.30	17.37	17.26	18.00
		12	6	17.06	17.27	17.16	18.00
		12	13	17.34	17.23	17.23	18.00
		25	0	17.21	17.30	17.26	18.00
	16QAM	1	0	17.29	17.41	17.40	18.00
		1	13	17.33	17.41	17.09	18.00
		1	24	17.33	17.34	17.20	18.00
		12	0	17.04	17.27	17.25	18.00
		12	6	17.11	17.12	17.16	18.00
		12	13	17.27	17.14	17.26	18.00
		25	0	17.25	17.23	17.18	18.00



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	64QAM	1	0	17.26	17.42	17.39	18.00
		1	13	17.43	17.25	17.28	18.00
		1	24	17.22	17.33	17.30	18.00
		12	0	17.14	17.27	17.26	18.00
		12	6	17.22	17.15	17.16	18.00
		12	13	17.20	17.10	17.23	18.00
		25	0	17.14	17.17	17.13	18.00
	256QAM	1	0	17.37	17.35	17.29	18.00
		1	13	17.39	17.31	17.18	18.00
		1	24	17.38	17.28	17.38	18.00
		12	0	17.08	17.35	17.37	18.00
		12	6	17.17	17.26	17.18	18.00
		12	13	17.32	17.27	17.12	18.00
		25	0	17.16	17.20	17.17	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	17.49	17.26	17.37	18.00
		1	25	17.37	17.38	17.33	18.00
		1	49	17.28	17.41	17.41	18.00
		25	0	17.19	17.30	17.15	18.00
		25	13	17.04	17.21	17.15	18.00
		25	25	17.20	17.17	17.17	18.00
		50	0	17.25	17.23	17.29	18.00
	16QAM	1	0	17.43	17.43	17.44	18.00
		1	25	17.25	17.43	17.09	18.00
		1	49	17.35	17.30	17.34	18.00
		25	0	17.11	17.36	17.42	18.00
		25	13	17.12	17.28	17.03	18.00
		25	25	17.14	17.30	17.25	18.00
		50	0	17.28	17.15	17.21	18.00
	64QAM	1	0	17.26	17.32	17.32	18.00
		1	25	17.37	17.40	17.13	18.00
		1	49	17.28	17.41	17.34	18.00
		25	0	17.15	17.26	17.19	18.00
		25	13	17.28	17.27	17.20	18.00
		25	25	17.30	17.18	17.18	18.00
		50	0	17.14	17.09	17.08	18.00
	256QAM	1	0	17.37	17.26	17.37	18.00
		1	25	17.26	17.27	17.17	18.00



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		1	49	17.39	17.32	17.38	18.00
		25	0	17.05	17.35	17.29	18.00
		25	13	17.25	17.13	17.04	18.00
		25	25	17.37	17.14	17.19	18.00
		50	0	17.18	17.18	17.14	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	17.37	17.40	17.28	18.00
		1	38	17.28	17.43	17.26	18.00
		1	74	17.43	17.41	17.38	18.00
		36	0	17.22	17.20	17.32	18.00
		36	18	17.16	17.28	17.01	18.00
		36	39	17.29	17.12	17.27	18.00
		75	0	17.28	17.10	17.24	18.00
	16QAM	1	0	17.42	17.47	17.46	18.00
		1	38	17.35	17.38	17.14	18.00
		1	74	17.34	17.41	17.32	18.00
		36	0	17.21	17.20	17.42	18.00
		36	18	17.12	17.23	17.04	18.00
		36	39	17.27	17.28	17.12	18.00
		75	0	17.23	17.15	17.31	18.00
	64QAM	1	0	17.35	17.46	17.36	18.00
		1	38	17.27	17.32	17.29	18.00
		1	74	17.30	17.22	17.37	18.00
		36	0	17.20	17.25	17.29	18.00
		36	18	17.22	17.19	17.03	18.00
		36	39	17.14	17.29	17.16	18.00
		75	0	17.22	17.28	17.20	18.00
	256QAM	1	0	17.39	17.33	17.39	18.00
		1	38	17.21	17.32	17.13	18.00
		1	74	17.42	17.23	17.27	18.00
		36	0	17.16	17.28	17.31	18.00
		36	18	17.25	17.21	17.13	18.00
		36	39	17.18	17.21	17.30	18.00
		75	0	17.36	17.22	17.15	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	17.41	17.33	17.35	18.00
		1	50	17.27	17.34	17.27	18.00



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		1	99	17.34	17.33	17.37	18.00
		50	0	17.20	17.27	17.23	18.00
		50	25	17.13	17.27	17.11	18.00
		50	50	17.25	17.22	17.18	18.00
		100	0	17.21	17.20	17.22	18.00
	16QAM	1	0	17.34	17.39	17.39	18.00
		1	50	17.30	17.33	17.18	18.00
		1	99	17.37	17.33	17.27	18.00
		50	0	17.14	17.27	17.33	18.00
		50	25	17.20	17.21	17.10	18.00
		50	50	17.21	17.24	17.20	18.00
		100	0	17.26	17.24	17.21	18.00
	64QAM	1	0	17.36	17.37	17.38	18.00
		1	50	17.34	17.32	17.21	18.00
		1	99	17.31	17.32	17.28	18.00
		50	0	17.19	17.25	17.27	18.00
		50	25	17.20	17.23	17.13	18.00
		50	50	17.20	17.20	17.22	18.00
		100	0	17.22	17.19	17.15	18.00
	256QAM	1	0	17.44	17.33	17.30	18.00
		1	50	17.31	17.33	17.23	18.00
		1	99	17.32	17.33	17.33	18.00
		50	0	17.14	17.26	17.33	18.00
		50	25	17.16	17.23	17.13	18.00
		50	50	17.27	17.18	17.20	18.00
		100	0	17.26	17.16	17.16	18.00



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LTE Band 38 DSI 2/3/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.84	23.96	23.82	24.50
		1	13	23.74	23.85	23.95	24.50
		1	24	23.70	23.81	23.71	24.50
		12	0	22.84	23.02	22.93	23.50
		12	6	22.69	22.79	22.72	23.50
		12	13	22.75	22.93	22.87	23.50
		25	0	22.73	22.86	22.78	23.50
	16QAM	1	0	22.41	22.61	22.59	23.50
		1	13	22.53	22.58	22.63	23.50
		1	24	22.50	22.48	22.73	23.50
		12	0	21.80	21.93	21.82	22.50
		12	6	21.82	21.78	21.69	22.50
		12	13	21.91	21.86	21.93	22.50
		25	0	21.57	21.75	21.73	22.50
	64QAM	1	0	21.85	21.70	21.82	22.50
		1	13	21.86	21.75	21.70	22.50
		1	24	21.67	21.71	21.68	22.50
		12	0	20.78	20.85	20.83	21.50
		12	6	20.65	20.81	20.94	21.50
		12	13	20.82	20.81	20.76	21.50
		25	0	20.84	20.72	20.97	21.50
	256QAM	1	0	18.69	18.77	18.84	19.50
		1	13	18.87	18.82	18.84	19.50
		1	24	18.74	18.89	18.93	19.50
		12	0	18.85	19.00	19.00	19.50
		12	6	18.89	18.81	18.76	19.50
		12	13	18.84	18.80	18.86	19.50
		25	0	18.92	18.92	18.86	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	23.85	23.94	23.95	24.50
		1	25	23.73	23.90	23.86	24.50
		1	49	23.86	23.81	23.71	24.50
		25	0	22.87	22.91	22.93	23.50
		25	13	22.70	22.75	22.80	23.50



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		25	25	22.83	22.92	22.90	23.50
		50	0	22.71	22.83	22.89	23.50
	16QAM	1	0	22.53	22.47	22.51	23.50
		1	25	22.64	22.75	22.56	23.50
		1	49	22.47	22.48	22.64	23.50
		25	0	21.69	21.82	21.82	22.50
		25	13	21.98	21.85	21.73	22.50
		25	25	21.80	21.92	21.93	22.50
		50	0	21.74	21.73	21.85	22.50
		1	0	21.88	21.81	21.76	22.50
	64QAM	1	25	21.78	21.90	21.70	22.50
		1	49	21.86	21.71	21.69	22.50
		25	0	20.87	20.96	20.92	21.50
		25	13	20.69	20.80	20.81	21.50
		25	25	20.68	20.75	20.81	21.50
		50	0	20.73	20.86	20.87	21.50
		1	0	18.79	18.90	18.75	19.50
	256QAM	1	25	18.75	18.86	18.86	19.50
		1	49	18.75	18.80	18.78	19.50
		25	0	18.74	18.93	19.06	19.50
		25	13	18.86	18.91	18.82	19.50
		25	25	18.86	18.81	18.84	19.50
		50	0	18.87	18.94	18.98	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.96	23.81	23.85	24.50
		1	38	23.73	23.97	23.81	24.50
		1	74	23.72	23.93	23.81	24.50
		36	0	22.93	22.83	23.00	23.50
		36	18	22.70	22.83	22.83	23.50
		36	39	22.91	22.96	22.97	23.50
		75	0	22.66	22.82	22.81	23.50
	16QAM	1	0	22.46	22.49	22.55	23.50
		1	38	22.52	22.70	22.61	23.50
		1	74	22.53	22.58	22.60	23.50
		36	0	21.86	21.94	21.86	22.50
		36	18	21.87	21.92	21.75	22.50
		36	39	21.83	21.83	21.79	22.50
		75	0	21.67	21.68	21.78	22.50



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	64QAM	1	0	21.75	21.71	21.81	22.50
		1	38	21.90	21.85	21.83	22.50
		1	74	21.68	21.74	21.54	22.50
		36	0	20.83	20.96	20.91	21.50
		36	18	20.84	20.86	20.90	21.50
		36	39	20.77	20.89	20.86	21.50
		75	0	20.68	20.72	20.82	21.50
	256QAM	1	0	18.70	18.82	18.83	19.50
		1	38	18.82	18.78	18.89	19.50
		1	74	18.87	18.89	18.78	19.50
		36	0	18.87	18.96	18.97	19.50
		36	18	18.83	18.87	18.81	19.50
		36	39	18.91	18.86	18.80	19.50
		75	0	18.75	18.81	18.87	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.93	23.87	23.90	24.50
		1	50	23.80	23.90	23.88	24.50
		1	99	23.78	23.85	23.76	24.50
		50	0	22.89	22.92	22.91	23.50
		50	25	22.75	22.83	22.76	23.50
		50	50	22.81	22.86	22.90	23.50
		100	0	22.71	22.80	22.82	23.50
	16QAM	1	0	22.49	22.53	22.58	23.50
		1	50	22.61	22.65	22.64	23.50
		1	99	22.53	22.55	22.65	23.50
		50	0	21.77	21.87	21.85	22.50
		50	25	21.88	21.88	21.78	22.50
		50	50	21.84	21.84	21.86	22.50
		100	0	21.64	21.73	21.83	22.50
	64QAM	1	0	21.80	21.75	21.74	22.50
		1	50	21.83	21.80	21.74	22.50
		1	99	21.77	21.72	21.64	22.50
		50	0	20.85	20.88	20.88	21.50
		50	25	20.75	20.78	20.86	21.50
		50	50	20.73	20.80	20.80	21.50
		100	0	20.78	20.77	20.87	21.50
	256QAM	1	0	18.74	18.83	18.80	19.50
		1	50	18.82	18.82	18.89	19.50



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		1	99	18.82	18.83	18.85	19.50
		50	0	18.84	18.94	18.96	19.50
		50	25	18.92	18.87	18.81	19.50
		50	50	18.85	18.86	18.89	19.50
		100	0	18.84	18.89	18.92	19.50



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LTE Band 38 DSI 8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.02	20.80	20.95	21.50
		1	13	20.72	20.84	20.89	21.50
		1	24	20.65	20.93	20.74	21.50
		12	0	20.92	20.89	20.88	21.50
		12	6	20.79	20.89	20.85	21.50
		12	13	20.73	20.81	20.70	21.50
		25	0	20.89	20.88	20.96	21.50
	16QAM	1	0	20.71	20.89	20.83	21.50
		1	13	20.75	20.76	20.67	21.50
		1	24	20.97	20.93	20.93	21.50
		12	0	20.85	20.83	20.85	21.50
		12	6	20.74	20.72	20.74	21.50
		12	13	20.95	20.79	20.95	21.50
		25	0	20.72	20.85	20.87	21.50
	64QAM	1	0	20.87	20.72	20.74	21.50
		1	13	20.90	20.87	20.94	21.50
		1	24	20.79	20.87	20.88	21.50
		12	0	20.83	20.95	20.71	21.50
		12	6	20.99	20.95	20.89	21.50
		12	13	20.76	20.84	20.81	21.50
		25	0	20.70	20.97	20.81	21.50
	256QAM	1	0	18.78	18.98	18.90	19.50
		1	13	18.84	18.97	18.89	19.50
		1	24	18.85	18.65	18.81	19.50
		12	0	18.81	18.97	19.06	19.50
		12	6	18.98	18.77	18.86	19.50
		12	13	18.85	18.78	18.82	19.50
		25	0	18.88	19.07	18.91	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	20.85	20.80	20.84	21.50
		1	25	20.74	20.79	20.88	21.50
		1	49	20.80	20.78	20.89	21.50
		25	0	20.97	20.81	20.95	21.50
		25	13	20.84	20.95	20.78	21.50



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		25	25	20.85	20.88	20.80	21.50
		50	0	21.01	20.98	20.98	21.50
	16QAM	1	0	20.85	20.85	20.93	21.50
		1	25	20.79	20.74	20.81	21.50
		1	49	20.87	20.97	20.89	21.50
		25	0	20.87	20.99	20.86	21.50
		25	13	20.91	20.88	20.86	21.50
		25	25	20.96	20.82	20.95	21.50
		50	0	20.85	20.88	20.88	21.50
		1	0	20.78	20.70	20.84	21.50
	64QAM	1	25	20.94	20.80	20.81	21.50
		1	49	20.70	20.91	20.95	21.50
		25	0	20.78	20.83	20.73	21.50
		25	13	20.97	20.81	20.86	21.50
		25	25	20.84	20.95	20.79	21.50
		50	0	20.74	20.89	20.75	21.50
		1	0	18.88	18.98	18.73	19.50
	256QAM	1	25	18.78	18.95	19.08	19.50
		1	49	18.95	18.66	18.77	19.50
		25	0	18.96	18.97	18.96	19.50
		25	13	18.95	18.68	18.79	19.50
		25	25	18.81	18.93	18.88	19.50
		50	0	18.78	19.07	18.88	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	21.03	20.90	20.93	21.50
		1	38	20.78	20.89	20.84	21.50
		1	74	20.73	20.76	20.85	21.50
		36	0	20.97	20.86	20.90	21.50
		36	18	20.86	20.80	20.83	21.50
		36	39	20.79	20.87	20.72	21.50
		75	0	20.87	20.97	20.89	21.50
	16QAM	1	0	20.71	21.02	20.92	21.50
		1	38	20.72	20.72	20.78	21.50
		1	74	20.95	20.88	20.95	21.50
		36	0	20.73	20.82	20.87	21.50
		36	18	20.88	20.92	20.86	21.50
		36	39	21.03	20.85	20.86	21.50
		75	0	20.82	20.78	20.80	21.50



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	64QAM	1	0	20.72	20.90	20.74	21.50
		1	38	20.81	20.86	20.94	21.50
		1	74	20.77	20.79	20.86	21.50
		36	0	20.74	20.80	20.79	21.50
		36	18	20.97	20.88	20.88	21.50
		36	39	20.92	20.88	20.92	21.50
		75	0	20.66	20.77	20.71	21.50
	256QAM	1	0	18.79	18.86	18.91	19.50
		1	38	18.83	18.93	19.01	19.50
		1	74	18.96	18.65	18.84	19.50
		36	0	18.83	18.84	18.98	19.50
		36	18	18.87	18.81	18.86	19.50
		36	39	18.78	18.97	18.88	19.50
		75	0	18.75	18.90	18.75	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	20.94	20.83	20.92	21.50
		1	50	20.77	20.87	20.90	21.50
		1	99	20.73	20.84	20.81	21.50
		50	0	20.94	20.87	20.95	21.50
		50	25	20.84	20.85	20.84	21.50
		50	50	20.77	20.89	20.72	21.50
		100	0	20.92	20.92	20.93	21.50
	16QAM	1	0	20.81	20.93	20.92	21.50
		1	50	20.75	20.81	20.71	21.50
		1	99	20.93	20.88	20.93	21.50
		50	0	20.82	20.89	20.92	21.50
		50	25	20.82	20.82	20.77	21.50
		50	50	20.93	20.85	20.87	21.50
		100	0	20.80	20.87	20.87	21.50
	64QAM	1	0	20.82	20.80	20.74	21.50
		1	50	20.90	20.90	20.88	21.50
		1	99	20.79	20.85	20.91	21.50
		50	0	20.82	20.87	20.78	21.50
		50	25	20.95	20.86	20.88	21.50
		50	50	20.82	20.91	20.85	21.50
		100	0	20.75	20.87	20.74	21.50
	256QAM	1	0	18.81	18.92	18.82	19.50
		1	50	18.74	18.88	18.99	19.50



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		1	99	18.86	18.74	18.80	19.50
		50	0	18.90	18.87	18.98	19.50
		50	25	18.91	18.78	18.86	19.50
		50	50	18.81	18.88	18.87	19.50
		100	0	18.84	18.98	18.84	19.50



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LTE Band 41 2496 - 2690 DSI 2/3				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	24.38	24.36	24.26	24.28	24.24	25.00
		1	13	24.52	24.44	24.37	24.33	24.5	25.00
		1	24	24.31	24.53	24.46	24.46	24.34	25.00
		12	0	23.22	23.2	23.39	23.33	23.22	24.00
		12	6	23.46	23.43	23.45	23.4	23.37	24.00
		12	13	23.49	23.36	23.39	23.4	23.28	24.00
		25	0	23.44	23.47	23.34	23.4	23.46	24.00
	16QAM	1	0	23.15	23.29	23.08	23.07	23.23	24.00
		1	13	23.16	23.12	23.09	23.27	23.15	24.00
		1	24	23.09	23.18	23.15	23.16	23.37	24.00
		12	0	22.31	22.25	22.33	22.41	22.34	23.00
		12	6	22.46	22.37	22.39	22.61	22.49	23.00
		12	13	22.3	22.19	22.31	22.28	22.23	23.00
		25	0	22.36	22.48	22.39	22.33	22.21	23.00
	64QAM	1	0	22.17	22.27	22.32	22.51	22.27	23.00
		1	13	22.20	22.34	22.23	22.18	22.24	23.00
		1	24	22.46	22.50	22.27	22.43	22.47	23.00
		12	0	21.41	21.19	21.24	21.22	21.49	22.00
		12	6	21.28	21.26	21.35	21.41	21.51	22.00
		12	13	21.30	21.41	21.30	21.37	21.40	22.00
		25	0	21.50	21.38	21.39	21.20	21.34	22.00
	256QAM	1	0	19.24	19.32	19.34	19.51	19.20	20.00
		1	13	19.38	19.25	19.20	19.20	19.45	20.00
		1	24	19.44	19.31	19.41	19.27	19.50	20.00
		12	0	19.40	19.29	19.34	19.48	19.52	20.00
		12	6	19.34	19.45	19.34	19.49	19.41	20.00
		12	13	19.34	19.37	19.39	19.36	19.45	20.00
		25	0	19.42	19.46	19.30	19.29	19.38	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	24.27	24.31	24.34	24.37	24.27	25.00
		1	25	24.54	24.3	24.41	24.31	24.43	25.00
		1	49	24.23	24.49	24.38	24.46	24.45	25.00
		25	0	23.29	23.38	23.35	23.28	23.14	24.00
		25	13	23.59	23.59	23.49	23.44	23.3	24.00



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		25	25	23.46	23.34	23.23	23.4	23.29	24.00
		50	0	23.32	23.35	23.47	23.42	23.53	24.00
	16QAM	1	0	23.1	23.23	23.05	23.1	23.18	24.00
		1	25	23.17	23.1	23.22	23.18	23.08	24.00
		1	49	23.07	23.33	23.16	23.01	23.24	24.00
		25	0	22.24	22.21	22.34	22.47	22.24	23.00
		25	13	22.52	22.4	22.5	22.49	22.59	23.00
		25	25	22.29	22.26	22.25	22.29	22.36	23.00
		50	0	22.44	22.33	22.27	22.32	22.16	23.00
	64QAM	1	0	22.28	22.24	22.38	22.52	22.39	23.00
		1	25	22.31	22.28	22.23	22.14	22.20	23.00
		1	49	22.43	22.43	22.39	22.26	22.45	23.00
		25	0	21.23	21.27	21.25	21.32	21.49	22.00
		25	13	21.32	21.26	21.37	21.33	21.51	22.00
		25	25	21.41	21.30	21.26	21.38	21.43	22.00
		50	0	21.47	21.48	21.35	21.20	21.49	22.00
	256QAM	1	0	19.20	19.35	19.40	19.47	19.28	20.00
		1	25	19.43	19.25	19.21	19.10	19.31	20.00
		1	49	19.33	19.19	19.25	19.25	19.43	20.00
		25	0	19.51	19.29	19.35	19.53	19.43	20.00
		25	13	19.47	19.41	19.40	19.37	19.30	20.00
		25	25	19.39	19.41	19.45	19.31	19.34	20.00
		50	0	19.25	19.50	19.47	19.24	19.33	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.43	24.25	24.29	24.38	24.19	25.00
		1	38	24.38	24.27	24.48	24.4	24.43	25.00
		1	74	24.32	24.42	24.36	24.57	24.51	25.00
		36	0	23.22	23.24	23.39	23.39	23.28	24.00
		36	18	23.58	23.52	23.5	23.47	23.27	24.00
		36	39	23.38	23.32	23.23	23.32	23.31	24.00
		75	0	23.47	23.48	23.35	23.31	23.56	24.00
	16QAM	1	0	23.02	23.31	23.2	23.08	23.14	24.00
		1	38	23.09	23.1	23.14	23.34	23.21	24.00
		1	74	23.24	23.17	23.08	23.07	23.28	24.00
		36	0	22.35	22.39	22.26	22.36	22.3	23.00
		36	18	22.52	22.42	22.39	22.49	22.48	23.00
		36	39	22.3	22.25	22.33	22.43	22.32	23.00
		75	0	22.33	22.51	22.32	22.41	22.24	23.00



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	64QAM	1	0	22.16	22.35	22.27	22.49	22.37	23.00
		1	38	22.31	22.26	22.37	22.11	22.29	23.00
		1	74	22.46	22.49	22.43	22.36	22.33	23.00
		36	0	21.27	21.26	21.31	21.22	21.38	22.00
		36	18	21.25	21.32	21.25	21.36	21.46	22.00
		36	39	21.27	21.41	21.36	21.38	21.27	22.00
		75	0	21.43	21.39	21.27	21.24	21.32	22.00
	256QAM	1	0	19.25	19.34	19.32	19.37	19.23	20.00
		1	38	19.39	19.33	19.20	19.21	19.29	20.00
		1	74	19.47	19.37	19.27	19.36	19.49	20.00
		36	0	19.47	19.30	19.33	19.36	19.51	20.00
		36	18	19.37	19.51	19.43	19.48	19.35	20.00
		36	39	19.30	19.50	19.33	19.27	19.27	20.00
		75	0	19.23	19.41	19.38	19.34	19.41	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	24.35	24.33	24.35	24.36	24.28	25.00
		1	50	24.45	24.35	24.4	24.38	24.48	25.00
		1	99	24.32	24.44	24.41	24.49	24.41	25.00
		50	0	23.21	23.3	23.31	23.31	23.23	24.00
		50	25	23.49	23.49	23.4	23.48	23.33	24.00
		50	50	23.42	23.3	23.32	23.33	23.32	24.00
		100	0	23.41	23.41	23.38	23.37	23.48	24.00
	16QAM	1	0	23.11	23.21	23.14	23.16	23.2	24.00
		1	50	23.1	23.16	23.16	23.26	23.13	24.00
		1	99	23.17	23.23	23.18	23.1	23.28	24.00
		50	0	22.28	22.29	22.36	22.46	22.28	23.00
		50	25	22.49	22.46	22.46	22.53	22.54	23.00
		50	50	22.35	22.24	22.34	22.37	22.32	23.00
		100	0	22.34	22.42	22.33	22.34	22.25	23.00
	64QAM	1	0	22.26	22.25	22.34	22.43	22.32	23.00
		1	50	22.29	22.31	22.29	22.20	22.27	23.00
		1	99	22.43	22.43	22.35	22.33	22.43	23.00
		50	0	21.32	21.24	21.32	21.22	21.41	22.00
		50	25	21.25	21.27	21.34	21.34	21.41	22.00
		50	50	21.33	21.37	21.33	21.41	21.33	22.00
		100	0	21.43	21.42	21.33	21.27	21.39	22.00
	256QAM	1	0	19.27	19.33	19.33	19.43	19.27	20.00
		1	50	19.34	19.29	19.29	19.20	19.38	20.00



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		1	99	19.40	19.28	19.32	19.26	19.42	20.00
		50	0	19.50	19.38	19.42	19.43	19.43	20.00
		50	25	19.43	19.42	19.44	19.44	19.35	20.00
		50	50	19.35	19.41	19.39	19.29	19.37	20.00
		100	0	19.32	19.44	19.40	19.31	19.35	20.00



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LTE Band 41 2496 - 2690 DSI 4/5				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	22.5	22.42	22.39	22.38	22.29	23.00
		1	13	22.51	22.35	22.37	22.4	22.41	23.00
		1	24	22.33	22.42	22.34	22.48	22.33	23.00
		12	0	22.26	22.35	22.24	22.38	22.31	23.00
		12	6	22.38	22.4	22.41	22.37	22.39	23.00
		12	13	22.41	22.41	22.38	22.54	22.26	23.00
		25	0	22.43	22.37	22.3	22.43	22.28	23.00
	16QAM	1	0	22.48	22.38	22.44	22.48	22.51	23.00
		1	13	22.2	22.52	22.37	22.34	22.44	23.00
		1	24	22.45	22.34	22.35	22.32	22.37	23.00
		12	0	22.38	22.23	22.41	22.3	22.48	23.00
		12	6	22.45	22.46	22.47	22.52	22.36	23.00
		12	13	22.39	22.29	22.3	22.47	22.27	23.00
		25	0	22.38	22.36	22.49	22.4	22.52	23.00
	64QAM	1	0	22.30	22.37	22.41	22.54	22.48	23.00
		1	13	22.42	22.41	22.40	22.28	22.36	23.00
		1	24	22.55	22.36	22.33	22.35	22.42	23.00
		12	0	21.32	21.29	21.39	21.16	21.35	22.00
		12	6	21.23	21.39	21.40	21.18	21.48	22.00
		12	13	21.27	21.52	21.51	21.43	21.34	22.00
		25	0	21.31	21.47	21.29	21.24	21.29	22.00
	256QAM	1	0	19.26	19.32	19.31	19.53	19.29	20.00
		1	13	19.47	19.36	19.33	19.18	19.29	20.00
		1	24	19.40	19.17	19.37	19.25	19.41	20.00
		12	0	19.46	19.39	19.51	19.38	19.41	20.00
		12	6	19.37	19.31	19.41	19.37	19.45	20.00
		12	13	19.39	19.37	19.51	19.31	19.34	20.00
		25	0	19.40	19.62	19.21	19.37	19.27	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	22.48	22.35	22.25	22.34	22.23	23.00
		1	25	22.47	22.43	22.36	22.23	22.34	23.00
		1	49	22.2	22.39	22.47	22.44	22.38	23.00
		25	0	22.4	22.34	22.42	22.36	22.23	23.00
		25	13	22.36	22.23	22.48	22.44	22.52	23.00



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		25	25	22.41	22.38	22.4	22.54	22.37	23.00
		50	0	22.41	22.19	22.3	22.49	22.23	23.00
	16QAM	1	0	22.32	22.32	22.43	22.41	22.41	23.00
		1	25	22.25	22.52	22.29	22.51	22.54	23.00
		1	49	22.45	22.35	22.25	22.41	22.22	23.00
		25	0	22.47	22.34	22.38	22.43	22.47	23.00
		25	13	22.45	22.59	22.37	22.51	22.43	23.00
		25	25	22.27	22.43	22.43	22.32	22.37	23.00
		50	0	22.45	22.35	22.44	22.25	22.59	23.00
	64QAM	1	0	22.35	22.38	22.38	22.49	22.37	23.00
		1	25	22.31	22.33	22.34	22.26	22.41	23.00
		1	49	22.35	22.45	22.35	22.44	22.58	23.00
		25	0	21.20	21.18	21.22	21.27	21.37	22.00
		25	13	21.38	21.27	21.35	21.26	21.61	22.00
		25	25	21.28	21.39	21.40	21.59	21.18	22.00
		50	0	21.48	21.46	21.45	21.20	21.32	22.00
	256QAM	1	0	19.31	19.34	19.32	19.38	19.26	20.00
		1	25	19.28	19.44	19.22	19.14	19.48	20.00
		1	49	19.51	19.26	19.39	19.41	19.42	20.00
		25	0	19.49	19.30	19.45	19.48	19.34	20.00
		25	13	19.47	19.38	19.43	19.47	19.31	20.00
		25	25	19.48	19.49	19.35	19.33	19.35	20.00
		50	0	19.37	19.59	19.38	19.49	19.25	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	22.45	22.27	22.24	22.37	22.35	23.00
		1	38	22.43	22.31	22.51	22.34	22.34	23.00
		1	74	22.19	22.44	22.37	22.37	22.34	23.00
		36	0	22.22	22.28	22.25	22.33	22.3	23.00
		36	18	22.38	22.21	22.44	22.34	22.52	23.00
		36	39	22.33	22.42	22.33	22.49	22.41	23.00
		75	0	22.25	22.23	22.32	22.3	22.29	23.00
	16QAM	1	0	22.46	22.35	22.46	22.41	22.41	23.00
		1	38	22.21	22.42	22.34	22.37	22.4	23.00
		1	74	22.4	22.37	22.28	22.25	22.37	23.00
		36	0	22.57	22.37	22.37	22.4	22.39	23.00
		36	18	22.27	22.41	22.5	22.39	22.46	23.00
		36	39	22.32	22.32	22.28	22.43	22.25	23.00
		75	0	22.49	22.28	22.41	22.28	22.5	23.00



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	64QAM	1	0	22.33	22.34	22.45	22.56	22.44	23.00
		1	38	22.46	22.27	22.36	22.33	22.24	23.00
		1	74	22.50	22.45	22.39	22.45	22.43	23.00
		36	0	21.21	21.21	21.38	21.32	21.42	22.00
		36	18	21.27	21.45	21.48	21.17	21.55	22.00
		36	39	21.20	21.35	21.40	21.59	21.20	22.00
		75	0	21.36	21.41	21.44	21.23	21.37	22.00
	256QAM	1	0	19.23	19.39	19.42	19.38	19.21	20.00
		1	38	19.32	19.43	19.19	19.17	19.44	20.00
		1	74	19.50	19.30	19.45	19.45	19.35	20.00
		36	0	19.61	19.26	19.39	19.32	19.36	20.00
		36	18	19.51	19.34	19.59	19.48	19.29	20.00
		36	39	19.43	19.48	19.44	19.28	19.38	20.00
		75	0	19.43	19.47	19.31	19.32	19.29	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	22.4	22.34	22.33	22.41	22.31	23.00
		1	50	22.49	22.39	22.42	22.33	22.44	23.00
		1	99	22.27	22.41	22.37	22.44	22.36	23.00
		50	0	22.3	22.29	22.32	22.39	22.26	23.00
		50	25	22.4	22.3	22.39	22.39	22.43	23.00
		50	50	22.31	22.48	22.4	22.5	22.36	23.00
		100	0	22.34	22.28	22.32	22.4	22.25	23.00
	16QAM	1	0	22.4	22.4	22.44	22.42	22.48	23.00
		1	50	22.3	22.44	22.38	22.44	22.45	23.00
		1	99	22.38	22.33	22.33	22.31	22.29	23.00
		50	0	22.47	22.31	22.36	22.36	22.48	23.00
		50	25	22.36	22.49	22.41	22.48	22.4	23.00
		50	50	22.31	22.33	22.35	22.38	22.31	23.00
		100	0	22.42	22.37	22.42	22.33	22.49	23.00
	64QAM	1	0	22.27	22.43	22.36	22.54	22.42	23.00
		1	50	22.38	22.37	22.32	22.36	22.32	23.00
		1	99	22.45	22.40	22.42	22.35	22.50	23.00
		50	0	21.22	21.23	21.29	21.25	21.43	22.00
		50	25	21.29	21.36	21.38	21.25	21.51	22.00
		50	50	21.30	21.45	21.43	21.51	21.27	22.00
		100	0	21.40	21.44	21.35	21.29	21.31	22.00
	256QAM	1	0	19.28	19.35	19.41	19.44	19.27	20.00
		1	50	19.38	19.35	19.25	19.14	19.39	20.00



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		1	99	19.46	19.22	19.41	19.35	19.39	20.00
		50	0	19.51	19.32	19.47	19.41	19.44	20.00
		50	25	19.43	19.41	19.51	19.43	19.35	20.00
		50	50	19.38	19.40	19.42	19.29	19.38	20.00
		100	0	19.37	19.54	19.31	19.40	19.29	20.00



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LTE Band 41 2496 - 2690 DSI 8/9/10				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	19.16	19.36	19.4	19.36	19.41	20.00
		1	13	19.44	19.24	19.13	19.08	19.52	20.00
		1	24	19.65	19.21	19.56	19.35	19.46	20.00
		12	0	19.52	19.14	19.44	19.38	19.35	20.00
		12	6	19.26	19.39	19.56	19.54	19.37	20.00
		12	13	19.43	19.43	19.3	19.17	19.51	20.00
		25	0	19.35	19.71	19.25	19.4	19.22	20.00
	16QAM	1	0	19.24	19.28	19.35	19.57	19.42	20.00
		1	13	19.48	19.36	19.32	19.1	19.43	20.00
		1	24	19.49	19.38	19.45	19.41	19.28	20.00
		12	0	19.57	19.41	19.51	19.43	19.53	20.00
		12	6	19.55	19.35	19.45	19.52	19.35	20.00
		12	13	19.35	19.41	19.32	19.22	19.42	20.00
		25	0	19.35	19.45	19.39	19.32	19.35	20.00
	64QAM	1	0	19.15	19.47	19.56	19.52	19.20	20.00
		1	13	19.23	19.36	19.30	19.18	19.39	20.00
		1	24	19.42	19.27	19.53	19.33	19.29	20.00
		12	0	19.62	19.25	19.54	19.55	19.33	20.00
		12	6	19.54	19.34	19.53	19.42	19.35	20.00
		12	13	19.48	19.29	19.52	19.20	19.29	20.00
		25	0	19.23	19.44	19.28	19.38	19.28	20.00
	256QAM	1	0	19.25	19.29	19.48	19.48	19.40	20.00
		1	13	19.23	19.32	19.31	19.03	19.42	20.00
		1	24	19.53	19.19	19.41	19.43	19.37	20.00
		12	0	19.49	19.44	19.50	19.58	19.36	20.00
		12	6	19.42	19.45	19.60	19.47	19.43	20.00
		12	13	19.33	19.49	19.48	19.35	19.24	20.00
		25	0	19.38	19.63	19.43	19.23	19.40	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	19.26	19.46	19.44	19.26	19.35	20.00
		1	25	19.4	19.22	19.27	19.19	19.55	20.00
		1	49	19.59	19.07	19.51	19.28	19.34	20.00
		25	0	19.45	19.22	19.47	19.46	19.44	20.00
		25	13	19.27	19.33	19.48	19.54	19.34	20.00



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		25	25	19.47	19.49	19.3	19.3	19.47	20.00
		50	0	19.4	19.57	19.39	19.46	19.28	20.00
	16QAM	1	0	19.2	19.21	19.44	19.53	19.33	20.00
		1	25	19.46	19.33	19.37	19.1	19.31	20.00
		1	49	19.61	19.28	19.41	19.26	19.44	20.00
		25	0	19.66	19.34	19.55	19.58	19.39	20.00
		25	13	19.54	19.52	19.41	19.57	19.42	20.00
		25	25	19.37	19.49	19.35	19.14	19.48	20.00
		50	0	19.54	19.58	19.31	19.36	19.26	20.00
	64QAM	1	0	19.13	19.50	19.52	19.55	19.27	20.00
		1	25	19.31	19.39	19.23	19.21	19.37	20.00
		1	49	19.44	19.36	19.43	19.28	19.34	20.00
		25	0	19.53	19.12	19.45	19.39	19.35	20.00
		25	13	19.54	19.49	19.51	19.50	19.27	20.00
		25	25	19.40	19.30	19.40	19.20	19.28	20.00
		50	0	19.25	19.53	19.20	19.39	19.30	20.00
	256QAM	1	0	19.22	19.31	19.55	19.33	19.38	20.00
		1	25	19.38	19.42	19.26	19.20	19.44	20.00
		1	49	19.49	19.10	19.35	19.46	19.35	20.00
		25	0	19.50	19.33	19.38	19.50	19.44	20.00
		25	13	19.59	19.34	19.58	19.42	19.29	20.00
		25	25	19.43	19.55	19.41	19.32	19.33	20.00
		50	0	19.38	19.54	19.43	19.40	19.28	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	19.26	19.41	19.43	19.33	19.37	20.00
		1	38	19.49	19.3	19.16	19.1	19.55	20.00
		1	74	19.66	19.04	19.54	19.26	19.41	20.00
		36	0	19.44	19.15	19.42	19.39	19.35	20.00
		36	18	19.26	19.38	19.55	19.52	19.38	20.00
		36	39	19.57	19.33	19.48	19.24	19.37	20.00
		75	0	19.39	19.56	19.31	19.42	19.31	20.00
	16QAM	1	0	19.21	19.34	19.46	19.46	19.37	20.00
		1	38	19.47	19.39	19.3	19.07	19.39	20.00
		1	74	19.58	19.25	19.46	19.3	19.29	20.00
		36	0	19.54	19.35	19.43	19.43	19.45	20.00
		36	18	19.43	19.36	19.4	19.45	19.35	20.00
		36	39	19.22	19.47	19.44	19.14	19.34	20.00
		75	0	19.37	19.52	19.44	19.31	19.37	20.00



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