

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	20.74	20.54	20.16	20.56	20.12	21.50
		1	38	20.85	20.47	20.29	20.36	20.20	21.50
		1	74	20.86	20.79	20.12	20.73	20.12	21.50
		36	0	20.95	20.66	20.38	20.60	20.29	21.50
		36	18	20.89	20.63	20.39	20.54	20.25	21.50
		36	39	20.90	20.65	20.19	20.59	20.23	21.50
		75	0	20.90	20.56	20.33	20.51	20.22	21.50
	256QAM	1	0	19.18	19.08	18.83	19.01	18.87	20.00
		1	38	19.39	19.19	18.69	19.22	18.64	20.00
		1	74	19.32	18.93	18.55	18.92	18.46	20.00
		36	0	19.47	19.10	18.89	19.10	18.85	20.00
		36	18	19.48	19.18	18.78	19.07	18.76	20.00
		36	39	19.46	19.17	18.67	19.07	18.67	20.00
		75	0	19.39	19.13	18.83	19.05	18.82	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	20.95	20.7	20.57	20.66	20.56	21.50
		1	50	21.05	20.69	20.4	20.67	20.35	21.50
		1	99	21.04	20.69	20.31	20.63	20.28	21.50
		50	0	20.92	20.83	20.51	20.82	20.42	21.50
		50	25	21.16	20.72	20.49	20.71	20.42	21.50
		50	50	21.1	20.68	20.25	20.63	20.25	21.50
		100	0	21.16	20.72	20.46	20.69	20.39	21.50
	16QAM	1	0	20.49	20.44	20.43	20.38	20.36	21.50
		1	50	20.9	20.54	20.19	20.5	20.15	21.50
		1	99	20.87	20.64	20.13	20.6	20.07	21.50
		50	0	20.93	20.77	20.38	20.72	20.31	21.50
		50	25	20.99	20.7	20.37	20.65	20.31	21.50
		50	50	21	20.68	20.23	20.63	20.2	21.50
		100	0	20.81	20.65	20.4	20.56	20.32	21.50
	64QAM	1	0	20.79	20.58	20.25	20.57	20.18	21.50
		1	50	20.88	20.51	20.31	20.43	20.29	21.50
		1	99	20.89	20.83	20.18	20.76	20.17	21.50
		50	0	20.98	20.74	20.43	20.65	20.38	21.50
		50	25	20.96	20.66	20.40	20.57	20.34	21.50
		50	50	20.92	20.67	20.25	20.60	20.24	21.50
		100	0	20.97	20.63	20.34	20.58	20.30	21.50
	256QAM	1	0	19.20	19.13	18.91	19.10	18.90	20.00
		1	50	19.45	19.28	18.75	19.24	18.68	20.00



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		1	99	19.41	19.01	18.61	18.93	18.55	20.00
		50	0	19.49	19.18	18.97	19.13	18.92	20.00
		50	25	19.50	19.19	18.86	19.13	18.78	20.00
		50	50	19.51	19.20	18.72	19.14	18.68	20.00
		100	0	19.46	19.19	18.91	19.12	18.87	20.00



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LTE Band 41 2496 - 2690 DS13				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	20.21	20.23	19.98	20.2	19.97	21.00
		1	13	20.4	20.14	19.83	20.03	19.69	21.00
		1	24	20.37	20.15	19.74	20.12	19.71	21.00
		12	0	20.46	20.24	19.94	20.18	19.85	21.00
		12	6	20.51	20.18	19.97	20.08	19.87	21.00
		12	13	20.43	20.09	19.8	20.03	19.7	21.00
		25	0	20.5	20.2	19.86	20.15	19.89	21.00
	16QAM	1	0	20.23	20.27	19.93	20.2	19.9	21.00
		1	13	20.3	20.2	19.73	20.16	19.69	21.00
		1	24	20.28	20.2	19.78	20.19	19.64	21.00
		12	0	20.46	20.25	19.93	20.22	19.97	21.00
		12	6	20.52	20.16	19.87	20.13	19.82	21.00
		12	13	20.41	20.18	19.76	20.16	19.7	21.00
		25	0	20.52	20.16	19.74	20.16	19.79	21.00
	64QAM	1	0	20.16	20.03	19.87	19.94	19.84	21.00
		1	13	20.37	20.14	19.72	20.08	19.60	21.00
		1	24	20.28	20.34	19.66	20.31	19.66	21.00
		12	0	20.36	20.18	19.89	20.06	19.86	21.00
		12	6	20.41	20.05	19.81	20.06	19.73	21.00
		12	13	20.41	20.13	19.74	20.07	19.68	21.00
		25	0	20.34	20.11	19.82	20.02	19.78	21.00
	256QAM	1	0	19.22	19.13	18.84	18.98	18.83	20.00
		1	13	19.31	19.15	18.50	19.05	18.46	20.00
		1	24	19.41	18.93	18.55	18.82	18.50	20.00
		12	0	19.45	19.12	18.84	19.10	18.77	20.00
		12	6	19.44	19.08	18.73	18.96	18.73	20.00
		12	13	19.43	19.03	18.59	18.94	18.58	20.00
		25	0	19.34	19.19	18.82	19.12	18.85	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK			39700	40160	40620	41080	41540	
		1	0	20.24	20.22	19.96	20.25	20.01	21.00
		1	25	20.37	20.11	19.82	20.11	19.73	21.00
		1	49	20.44	20.2	19.73	20.18	19.68	21.00
		25	0	20.42	20.21	19.97	20.2	19.88	21.00
		25	13	20.49	20.15	19.94	20.07	19.92	21.00



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		25	25	20.48	20.09	19.78	20.02	19.71	21.00	
		50	0	20.54	20.22	19.9	20.16	19.88	21.00	
	16QAM	1	0	20.16	20.26	19.87	20.16	19.92	21.00	
		1	25	20.33	20.18	19.78	20.18	19.69	21.00	
		1	49	20.27	20.19	19.74	20.18	19.65	21.00	
		25	0	20.46	20.23	19.92	20.19	19.93	21.00	
		25	13	20.56	20.18	19.89	20.18	19.84	21.00	
		25	25	20.45	20.19	19.77	20.13	19.68	21.00	
		50	0	20.54	20.14	19.82	20.14	19.71	21.00	
	64QAM	1	0	20.21	20.01	19.92	19.96	19.78	21.00	
		1	25	20.44	20.09	19.71	20.10	19.68	21.00	
		1	49	20.27	20.39	19.70	20.32	19.60	21.00	
		25	0	20.37	20.17	19.87	20.11	19.82	21.00	
		25	13	20.35	20.11	19.78	20.02	19.69	21.00	
		25	25	20.42	20.15	19.67	20.07	19.65	21.00	
		50	0	20.40	20.10	19.84	20.09	19.76	21.00	
	256QAM	1	0	19.25	19.13	18.87	19.01	18.83	20.00	
		1	25	19.35	19.12	18.52	19.10	18.46	20.00	
		1	49	19.36	18.97	18.52	18.86	18.47	20.00	
		25	0	19.42	19.10	18.89	19.06	18.76	20.00	
		25	13	19.43	19.08	18.79	19.01	18.67	20.00	
		25	25	19.44	19.05	18.67	18.99	18.62	20.00	
		50	0	19.32	19.17	18.87	19.07	18.86	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39725	40173	40620	41068	41515	
	15MHz	QPSK	1	0	20.2	20.19	20.02	20.21	20	21.00
			1	38	20.42	20.14	19.77	20.04	19.74	21.00
			1	74	20.38	20.13	19.75	20.13	19.69	21.00
36			0	20.44	20.21	19.89	20.18	19.86	21.00	
36			18	20.53	20.12	19.97	20.07	19.88	21.00	
36			39	20.47	20.12	19.79	20.07	19.65	21.00	
75			0	20.49	20.2	19.92	20.15	19.88	21.00	
16QAM		1	0	20.17	20.23	19.93	20.15	19.92	21.00	
		1	38	20.33	20.21	19.76	20.11	19.74	21.00	
		1	74	20.27	20.16	19.76	20.13	19.68	21.00	
		36	0	20.43	20.21	19.93	20.23	19.91	21.00	
		36	18	20.52	20.17	19.88	20.17	19.78	21.00	
		36	39	20.45	20.22	19.72	20.12	19.64	21.00	
		75	0	20.49	20.2	19.79	20.11	19.78	21.00	



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	64QAM	1	0	20.19	20.09	19.93	20.01	19.78	21.00
		1	38	20.40	20.09	19.69	20.07	19.60	21.00
		1	74	20.31	20.42	19.69	20.32	19.61	21.00
		36	0	20.34	20.15	19.87	20.05	19.85	21.00
		36	18	20.41	20.07	19.83	20.07	19.73	21.00
		36	39	20.40	20.12	19.68	20.13	19.70	21.00
		75	0	20.40	20.11	19.82	20.01	19.77	21.00
	256QAM	1	0	19.20	19.06	18.83	19.03	18.76	20.00
		1	38	19.35	19.19	18.55	19.04	18.43	20.00
		1	74	19.41	18.94	18.52	18.88	18.49	20.00
		36	0	19.43	19.11	18.84	19.10	18.83	20.00
		36	18	19.41	19.06	18.81	18.95	18.67	20.00
		36	39	19.42	19.10	18.62	18.94	18.57	20.00
		75	0	19.37	19.18	18.87	19.06	18.84	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	20.28	20.27	20.03	20.26	20.02	21.00
		1	50	20.45	20.17	19.84	20.12	19.77	21.00
		1	99	20.46	20.21	19.79	20.19	19.74	21.00
		50	0	20.5	20.25	19.98	20.22	19.94	21.00
		50	25	20.56	20.2	19.98	20.14	19.96	21.00
		50	50	20.52	20.18	19.83	20.11	19.74	21.00
		100	0	20.56	20.23	19.95	20.22	19.92	21.00
	16QAM	1	0	20.24	20.31	19.95	20.23	19.93	21.00
		1	50	20.39	20.23	19.82	20.2	19.78	21.00
		1	99	20.33	20.21	19.8	20.2	19.71	21.00
		50	0	20.51	20.3	20.01	20.25	19.98	21.00
		50	25	20.57	20.24	19.94	20.22	19.86	21.00
		50	50	20.5	20.23	19.81	20.2	19.73	21.00
		100	0	20.56	20.23	19.83	20.2	19.8	21.00
	64QAM	1	0	20.23	20.10	19.94	20.03	19.86	21.00
		1	50	20.46	20.15	19.74	20.14	19.69	21.00
		1	99	20.36	20.43	19.73	20.40	19.68	21.00
		50	0	20.42	20.19	19.91	20.14	19.90	21.00
		50	25	20.42	20.12	19.87	20.09	19.78	21.00
		50	50	20.44	20.16	19.75	20.15	19.73	21.00
		100	0	20.42	20.15	19.85	20.10	19.81	21.00
	256QAM	1	0	19.29	19.15	18.89	19.07	18.85	20.00
		1	50	19.36	19.20	18.57	19.11	18.52	20.00



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		50	0	19.46	19.19	18.92	19.12	18.84	20.00
		50	25	19.45	19.10	18.82	19.04	18.74	20.00
		50	50	19.45	19.11	18.68	19.02	18.66	20.00
		100	0	19.39	19.20	18.90	19.13	18.89	20.00



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LTE Band 41 2496 - 2690 DS15				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	19.82	19.72	19.44	19.7	19.33	20.50
		1	13	19.95	19.63	19.3	19.64	19.29	20.50
		1	24	19.99	19.69	19.21	19.59	19.16	20.50
		12	0	19.96	19.76	19.44	19.65	19.4	20.50
		12	6	20.03	19.68	19.41	19.6	19.33	20.50
		12	13	19.97	19.64	19.32	19.61	19.24	20.50
		25	0	20.03	19.62	19.44	19.62	19.36	20.50
	16QAM	1	0	19.85	19.42	19.41	19.36	19.37	20.50
		1	13	20.1	19.6	19.22	19.49	19.24	20.50
		1	24	20.02	19.46	19.19	19.41	19.18	20.50
		12	0	20	19.76	19.45	19.63	19.38	20.50
		12	6	20.1	19.6	19.44	19.55	19.43	20.50
		12	13	20.01	19.63	19.29	19.51	19.24	20.50
		25	0	20.04	19.6	19.42	19.6	19.38	20.50
	64QAM	1	0	19.76	19.64	19.41	19.56	19.33	20.50
		1	13	19.88	19.60	19.28	19.61	19.24	20.50
		1	24	19.94	19.62	19.30	19.55	19.32	20.50
		12	0	19.99	19.70	19.39	19.66	19.37	20.50
		12	6	20.09	19.58	19.36	19.45	19.27	20.50
		12	13	19.90	19.64	19.16	19.49	19.09	20.50
		25	0	20.06	19.55	19.35	19.51	19.28	20.50
	256QAM	1	0	19.22	19.05	18.74	19.02	18.73	20.00
		1	13	19.16	19.19	18.46	19.11	18.40	20.00
		1	24	19.54	19.14	18.72	19.08	18.67	20.00
		12	0	19.39	19.20	18.82	19.14	18.83	20.00
		12	6	19.37	19.15	18.90	19.14	18.81	20.00
		12	13	19.44	19.17	18.68	19.10	18.70	20.00
		25	0	19.37	19.05	18.89	19.04	18.87	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK			39700	40160	40620	41080	41540	
		1	0	19.89	19.76	19.39	19.74	19.36	20.50
		1	25	19.93	19.65	19.3	19.59	19.24	20.50
		1	49	19.95	19.64	19.29	19.6	19.15	20.50
		25	0	20.01	19.73	19.47	19.7	19.4	20.50
		25	13	20.09	19.7	19.4	19.67	19.39	20.50



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		25	25	19.96	19.69	19.3	19.6	19.23	20.50	
		50	0	20.04	19.6	19.4	19.56	19.32	20.50	
	16QAM	1	0	19.86	19.44	19.4	19.39	19.32	20.50	
		1	25	20.1	19.61	19.24	19.48	19.22	20.50	
		1	49	19.96	19.45	19.21	19.44	19.16	20.50	
		25	0	20.02	19.74	19.53	19.65	19.39	20.50	
		25	13	20.12	19.66	19.41	19.57	19.38	20.50	
		25	25	20.04	19.62	19.26	19.51	19.22	20.50	
		50	0	20.03	19.59	19.43	19.58	19.35	20.50	
	64QAM	1	0	19.71	19.62	19.41	19.59	19.40	20.50	
		1	25	19.92	19.64	19.31	19.62	19.29	20.50	
		1	49	19.92	19.59	19.38	19.53	19.34	20.50	
		25	0	20.06	19.65	19.40	19.65	19.35	20.50	
		25	13	20.06	19.60	19.32	19.53	19.23	20.50	
		25	25	19.93	19.56	19.16	19.53	19.08	20.50	
		50	0	20.08	19.56	19.32	19.56	19.26	20.50	
	256QAM	1	0	19.20	19.07	18.81	19.02	18.68	20.00	
		1	25	19.16	19.15	18.51	19.14	18.43	20.00	
		1	49	19.49	19.08	18.72	19.03	18.64	20.00	
		25	0	19.42	19.15	18.82	19.09	18.82	20.00	
		25	13	19.37	19.12	18.85	19.14	18.83	20.00	
		25	25	19.51	19.20	18.75	19.17	18.65	20.00	
		50	0	19.38	19.06	18.83	19.04	18.81	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39725	40173	40620	41068	41515	
	15MHz	QPSK	1	0	19.89	19.73	19.4	19.67	19.38	20.50
			1	38	19.93	19.61	19.28	19.6	19.28	20.50
			1	74	19.96	19.69	19.25	19.59	19.14	20.50
36			0	19.99	19.72	19.48	19.71	19.42	20.50	
36			18	20.09	19.69	19.42	19.67	19.4	20.50	
36			39	19.95	19.64	19.3	19.6	19.27	20.50	
75			0	20.02	19.63	19.39	19.58	19.36	20.50	
16QAM		1	0	19.85	19.44	19.39	19.37	19.38	20.50	
		1	38	20.1	19.64	19.23	19.51	19.18	20.50	
		1	74	19.99	19.5	19.19	19.44	19.13	20.50	
		36	0	19.97	19.76	19.49	19.66	19.43	20.50	
		36	18	20.14	19.64	19.47	19.59	19.42	20.50	
		36	39	20.03	19.59	19.29	19.57	19.26	20.50	
		75	0	20.04	19.59	19.43	19.61	19.35	20.50	



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	64QAM	1	0	19.72	19.58	19.43	19.57	19.41	20.50
		1	38	19.88	19.62	19.24	19.55	19.29	20.50
		1	74	19.93	19.59	19.30	19.47	19.30	20.50
		36	0	20.04	19.71	19.40	19.65	19.34	20.50
		36	18	20.02	19.54	19.30	19.45	19.30	20.50
		36	39	19.89	19.64	19.23	19.47	19.12	20.50
		75	0	20.06	19.58	19.31	19.49	19.27	20.50
	256QAM	1	0	19.20	19.05	18.76	19.01	18.71	20.00
		1	38	19.12	19.21	18.45	19.06	18.96	20.00
		1	74	19.56	19.08	18.72	19.07	18.62	20.00
		36	0	19.42	19.13	18.87	19.11	18.81	20.00
		36	18	19.39	19.19	18.84	19.15	18.83	20.00
		36	39	19.48	19.13	18.74	19.16	18.65	20.00
		75	0	19.43	19.10	18.85	19.03	18.84	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	19.9	19.77	19.48	19.76	19.41	20.50
		1	50	19.98	19.7	19.37	19.65	19.33	20.50
		1	99	20.04	19.73	19.3	19.64	19.21	20.50
		50	0	20.05	19.79	19.53	19.73	19.47	20.50
		50	25	20.12	19.71	19.47	19.69	19.41	20.50
		50	50	20.04	19.71	19.35	19.62	19.28	20.50
		100	0	20.09	19.68	19.47	19.64	19.39	20.50
	16QAM	1	0	19.91	19.49	19.44	19.43	19.41	20.50
		1	50	20.19	19.65	19.31	19.57	19.27	20.50
		1	99	20.05	19.52	19.26	19.47	19.2	20.50
		50	0	20.05	19.77	19.54	19.68	19.47	20.50
		50	25	20.16	19.69	19.49	19.64	19.46	20.50
		50	50	20.07	19.68	19.35	19.59	19.28	20.50
		100	0	20.09	19.68	19.45	19.65	19.42	20.50
	64QAM	1	0	19.78	19.65	19.49	19.62	19.42	20.50
		1	50	19.94	19.68	19.33	19.63	19.31	20.50
		1	99	19.96	19.63	19.39	19.56	19.38	20.50
		50	0	20.07	19.72	19.42	19.69	19.40	20.50
		50	25	20.11	19.63	19.37	19.54	19.32	20.50
		50	50	19.97	19.65	19.24	19.56	19.17	20.50
		100	0	20.14	19.63	19.36	19.57	19.35	20.50
	256QAM	1	0	19.23	19.12	18.83	19.09	18.77	20.00
		1	50	19.17	19.24	18.54	19.15	18.46	20.00



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		1	99	19.57	19.15	18.73	19.09	18.70	20.00
		50	0	19.47	19.21	18.91	19.15	18.84	20.00
		50	25	19.43	19.20	18.91	19.19	18.90	20.00
		50	50	19.52	19.21	18.76	19.19	18.72	20.00
		100	0	19.44	19.14	18.91	19.07	18.89	20.00



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LTE Band 41 2496 - 2690 DSI8/9/10				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	18.39	18.18	17.98	18.17	17.88	19.00
		1	13	18.39	18.13	17.77	18.09	17.76	19.00
		1	24	18.47	18.14	17.71	18.09	17.62	19.00
		12	0	18.49	18.18	17.92	18.07	17.89	19.00
		12	6	18.56	18.07	17.87	17.99	17.87	19.00
		12	13	18.5	18.13	17.78	18.03	17.72	19.00
		25	0	18.55	18.12	17.86	18.09	17.86	19.00
	16QAM	1	0	18.44	18.07	17.9	18.11	17.89	19.00
		1	13	18.48	18.05	17.61	17.96	17.55	19.00
		1	24	18.45	18	17.64	18.01	17.61	19.00
		12	0	18.47	18.28	17.91	18.2	17.89	19.00
		12	6	18.51	18.11	17.96	18.06	17.89	19.00
		12	13	18.47	18.12	17.74	18.05	17.72	19.00
		25	0	18.51	18.13	17.9	18.12	17.83	19.00
	64QAM	1	0	18.26	18.45	18.07	18.38	18.07	19.00
		1	13	18.40	18.10	17.71	18.04	17.65	19.00
		1	24	18.32	18.30	17.73	18.23	17.73	19.00
		12	0	18.44	18.20	17.95	18.14	17.88	19.00
		12	6	18.58	18.12	17.90	18.01	17.83	19.00
		12	13	18.44	18.11	17.75	18.11	17.68	19.00
		25	0	18.47	18.11	17.97	18.11	17.84	19.00
	256QAM	1	0	18.31	18.02	17.85	17.97	17.77	19.00
		1	13	18.44	18.07	17.79	18.09	17.82	19.00
		1	24	18.29	18.10	17.68	18.04	17.62	19.00
		12	0	18.47	18.18	17.96	18.20	17.96	19.00
		12	6	18.50	18.13	17.89	18.12	17.80	19.00
		12	13	18.53	18.09	17.79	18.07	17.77	19.00
		25	0	18.52	18.14	17.91	18.07	17.89	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	18.39	18.18	17.82	18.18	17.83	19.00
		1	25	18.43	18.09	17.78	18.01	17.66	19.00
		1	49	18.4	18.06	17.75	18.06	17.61	19.00
		25	0	18.45	18.14	17.88	18.04	17.9	19.00
		25	13	18.49	18	17.78	17.97	17.84	19.00



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		25	25	18.38	18.07	17.74	17.93	17.61	19.00	
		50	0	18.48	18.04	17.8	18.03	17.75	19.00	
	16QAM	1	0	18.41	18.05	17.82	18	17.83	19.00	
		1	25	18.47	17.93	17.49	17.92	17.54	19.00	
		1	49	18.38	18	17.6	17.98	17.49	19.00	
		25	0	18.38	18.22	17.96	18.21	17.85	19.00	
		25	13	18.47	18.07	17.91	18.02	17.82	19.00	
		25	25	18.39	18.14	17.71	17.97	17.65	19.00	
		50	0	18.51	18.11	17.9	18.02	17.75	19.00	
	64QAM	1	0	18.18	18.37	18.04	18.31	18.10	19.00	
		1	25	18.29	18.08	17.66	18.02	17.68	19.00	
		1	49	18.33	18.26	17.69	18.20	17.72	19.00	
		25	0	18.44	18.20	17.99	18.05	17.91	19.00	
		25	13	18.52	18.09	17.89	18.04	17.81	19.00	
		25	25	18.37	18.00	17.76	17.98	17.67	19.00	
		50	0	18.42	18.09	17.88	18.00	17.77	19.00	
	256QAM	1	0	18.23	18.02	17.79	17.94	17.71	19.00	
		1	25	18.39	18.01	17.77	18.06	17.67	19.00	
		1	49	18.26	17.99	17.69	17.98	17.56	19.00	
		25	0	18.50	18.13	17.97	18.11	17.89	19.00	
		25	13	18.50	18.03	17.82	18.12	17.71	19.00	
		25	25	18.50	18.06	17.70	17.92	17.67	19.00	
		50	0	18.48	18.07	17.79	18.08	17.83	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39725	40173	40620	41068	41515	
	15MHz	QPSK	1	0	18.28	18.19	17.94	18.08	17.81	19.00
			1	38	18.38	18.06	17.73	18.06	17.68	19.00
			1	74	18.42	18.1	17.69	17.97	17.55	19.00
36			0	18.42	18.16	17.84	18.05	17.88	19.00	
36			18	18.47	18.01	17.88	17.96	17.85	19.00	
36			39	18.43	18.09	17.73	17.98	17.62	19.00	
75			0	18.47	18.03	17.82	18.06	17.79	19.00	
16QAM		1	0	18.35	18.01	17.88	18.02	17.95	19.00	
		1	38	18.38	18	17.57	17.94	17.43	19.00	
		1	74	18.36	18.03	17.64	17.95	17.56	19.00	
		36	0	18.42	18.21	17.89	18.09	17.79	19.00	
		36	18	18.46	18.14	17.83	18.01	17.84	19.00	
		36	39	18.42	18.16	17.74	18.05	17.66	19.00	
		75	0	18.47	18.08	17.83	18.01	17.75	19.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
20MHz	64QAM	1	0	18.16	18.36	18.04	18.33	18.09	19.00	
		1	38	18.37	18.04	17.67	18.04	17.59	19.00	
		1	74	18.32	18.25	17.66	18.15	17.67	19.00	
		36	0	18.42	18.17	17.98	18.03	17.84	19.00	
		36	18	18.59	18.03	17.88	18.02	17.76	19.00	
		36	39	18.46	18.12	17.78	18.04	17.67	19.00	
		75	0	18.46	18.04	17.94	18.03	17.82	19.00	
	256QAM	1	0	18.23	17.97	17.75	17.92	17.74	19.00	
		1	38	18.37	18.12	17.77	18.01	17.76	19.00	
		1	74	18.23	18.02	17.70	18.03	17.56	19.00	
		36	0	18.45	18.19	17.89	18.24	17.87	19.00	
		36	18	18.46	18.09	17.83	18.12	17.76	19.00	
		36	39	18.43	18.04	17.69	18.00	17.75	19.00	
		75	0	18.46	18.16	17.84	18.05	17.81	19.00	
	20MHz	QPSK	1	0	18.42	18.23	17.99	18.22	17.94	19.00
			1	50	18.48	18.14	17.85	18.12	17.77	19.00
			1	99	18.5	18.18	17.77	18.13	17.68	19.00
			50	0	18.55	18.24	17.96	18.16	17.95	19.00
			50	25	18.6	18.15	17.94	18.08	17.93	19.00
			50	50	18.51	18.18	17.79	18.11	17.75	19.00
			100	0	18.57	18.16	17.92	18.12	17.88	19.00
		16QAM	1	0	18.47	18.16	17.99	18.14	17.97	19.00
			1	50	18.53	18.1	17.63	18.04	17.59	19.00
			1	99	18.46	18.09	17.7	18.08	17.67	19.00
			50	0	18.51	18.29	17.98	18.25	17.96	19.00
			50	25	18.6	18.17	17.97	18.12	17.9	19.00
			50	50	18.53	18.19	17.83	18.12	17.77	19.00
			100	0	18.59	18.19	17.94	18.13	17.85	19.00
64QAM		1	0	18.29	18.47	18.16	18.41	18.15	19.00	
		1	50	18.41	18.15	17.76	18.13	17.71	19.00	
		1	99	18.39	18.33	17.80	18.29	17.74	19.00	
		50	0	18.51	18.25	18.03	18.20	17.97	19.00	
		50	25	18.62	18.15	17.97	18.09	17.90	19.00	
		50	50	18.52	18.18	17.83	18.15	17.74	19.00	
		100	0	18.55	18.19	17.98	18.16	17.90	19.00	
256QAM		1	0	18.36	18.09	17.86	18.02	17.84	19.00	
		1	50	18.48	18.15	17.87	18.13	17.84	19.00	



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		1	99	18.35	18.12	17.76	18.09	17.71	19.00
		50	0	18.56	18.27	18.00	18.26	17.97	19.00
		50	25	18.59	18.20	17.93	18.18	17.87	19.00
		50	50	18.54	18.15	17.83	18.08	17.82	19.00
		100	0	18.58	18.19	17.92	18.12	17.90	19.00



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4 Conducted Power of ENDC_LTE

4.1 Conducted Power of ENDC-LTE (Ant13)

LTE Band 2 DSI 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	13.99	13.91	14.10	15.50
		1	2	13.94	14.00	14.01	15.50
		1	5	14.24	14.02	14.05	15.50
		3	0	13.76	13.92	14.10	15.50
		3	2	14.13	14.14	14.31	15.50
		3	3	14.13	14.16	14.01	15.50
	16QAM	6	0	14.01	13.80	13.91	15.50
		1	0	13.97	13.95	14.01	15.50
		1	2	14.10	13.88	14.10	15.50
		1	5	14.13	14.02	14.05	15.50
		3	0	13.79	14.18	14.10	15.50
		3	2	14.18	14.09	14.23	15.50
	64QAM	3	3	14.00	14.24	14.04	15.50
		6	0	13.91	14.00	13.80	15.50
		1	0	13.86	14.06	14.07	15.50
		1	2	14.04	14.10	14.13	15.50
		1	5	14.06	14.06	14.14	15.50
		3	0	13.89	13.95	14.07	15.50
	256QAM	3	2	13.99	14.16	14.14	15.50
		3	3	14.05	14.14	13.97	15.50
		6	0	14.03	13.97	13.71	15.50
		1	0	13.96	13.98	14.12	15.50
		1	2	13.92	13.99	14.05	15.50
		1	5	14.06	13.96	14.22	15.50
3MHz	QPSK	3	0	13.86	14.05	14.07	15.50
		3	2	14.04	14.09	14.20	15.50
3		3	14.07	14.15	14.00	15.50	
3MHz	QPSK	6	0	14.00	13.96	13.81	15.50
		1	0	13.92	13.89	14.09	15.50
		1	7	13.96	14.02	14.03	15.50
3MHz	QPSK	1	14	14.19	14.04	13.97	15.50
		1	0	13.92	13.89	14.09	15.50
		1	7	13.96	14.02	14.03	15.50



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		8	0	13.79	13.99	14.13	15.50
		8	4	14.11	14.11	14.30	15.50
		8	7	14.16	14.23	14.06	15.50
		15	0	13.98	13.89	13.83	15.50
	16QAM	1	0	13.94	13.98	14.04	15.50
		1	7	14.08	13.88	14.08	15.50
		1	14	14.11	14.02	14.08	15.50
		8	0	13.81	14.11	14.09	15.50
		8	4	14.14	14.10	14.16	15.50
		8	7	14.04	14.24	14.06	15.50
		15	0	13.94	14.05	13.83	15.50
		64QAM	1	0	13.81	13.99	14.15
	1		7	14.04	14.04	14.07	15.50
	1		14	14.12	13.98	14.10	15.50
	8		0	13.89	13.97	14.11	15.50
	8		4	14.02	14.17	14.22	15.50
	8		7	14.09	14.19	14.03	15.50
	15		0	14.00	13.90	13.70	15.50
	256QAM	1	0	13.94	13.90	14.12	15.50
		1	7	14.00	13.97	14.05	15.50
		1	14	14.10	13.94	14.12	15.50
		8	0	13.93	14.10	14.15	15.50
		8	4	14.11	14.07	14.13	15.50
		8	7	14.11	14.16	14.01	15.50
		15	0	14.01	13.99	13.89	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	13.98	13.91	14.08	15.50
		1	13	14.00	14.06	14.01	15.50
		1	24	14.16	14.02	13.96	15.50
		12	0	13.75	13.96	14.12	15.50
		12	6	14.16	14.15	14.22	15.50
		12	13	14.06	14.23	14.04	15.50
		25	0	14.00	13.81	13.85	15.50
	16QAM	1	0	13.94	13.95	14.00	15.50
		1	13	14.02	13.85	14.10	15.50
		1	24	14.18	14.02	14.06	15.50
		12	0	13.75	14.17	14.02	15.50
		12	6	14.23	14.13	14.15	15.50



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		12	13	14.08	14.21	14.09	15.50
		25	0	13.96	14.04	13.83	15.50
	64QAM	1	0	13.81	14.00	14.15	15.50
		1	13	14.00	14.08	14.06	15.50
		1	24	14.05	14.03	14.13	15.50
		12	0	13.85	13.91	14.13	15.50
		12	6	14.03	14.13	14.17	15.50
		12	13	14.09	14.20	14.07	15.50
		25	0	14.08	13.96	13.75	15.50
		256QAM	1	0	13.87	13.92	14.03
	1		13	14.02	13.96	14.00	15.50
	1		24	14.14	13.96	14.15	15.50
	12		0	13.91	14.00	14.14	15.50
	12		6	14.08	14.11	14.13	15.50
	12		13	14.12	14.17	13.99	15.50
	25		0	13.97	14.00	13.82	15.50
Bandwidth	Modulation		RB size	RB offset	Channel	Channel	Channel
		18650			18900	19150	
10MHz	QPSK	1	0	13.97	13.94	14.04	15.50
		1	25	13.97	14.07	13.97	15.50
		1	49	14.24	13.96	14.00	15.50
		25	0	13.83	13.92	14.11	15.50
		25	13	14.10	14.10	14.22	15.50
		25	25	14.11	14.26	14.05	15.50
		50	0	13.97	13.87	13.82	15.50
		16QAM	1	0	14.01	14.05	14.05
	1		25	14.07	13.90	14.16	15.50
	1		49	14.11	14.10	14.12	15.50
	25		0	13.81	14.08	14.06	15.50
	25		13	14.14	14.18	14.20	15.50
	25		25	14.02	14.16	14.11	15.50
	50		0	13.90	14.02	13.82	15.50
	64QAM		1	0	13.86	13.98	14.07
		1	25	14.03	14.05	14.11	15.50
		1	49	14.08	14.07	14.08	15.50
		25	0	13.85	13.98	14.05	15.50
		25	13	14.01	14.14	14.16	15.50
		25	25	14.04	14.20	14.06	15.50
		50	0	14.08	13.91	13.80	15.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	256QAM	1	0	13.90	13.96	14.05	15.50	
		1	25	14.02	13.97	14.00	15.50	
		1	49	14.15	13.93	14.17	15.50	
		25	0	13.89	14.10	14.14	15.50	
		25	13	14.09	14.06	14.20	15.50	
		25	25	14.06	14.23	14.08	15.50	
		50	0	13.98	13.96	13.83	15.50	
	15MHz	QPSK	1	0	13.94	13.91	14.05	15.50
			1	38	13.97	14.08	13.97	15.50
			1	74	14.20	13.95	13.96	15.50
			36	0	13.75	13.93	14.20	15.50
			36	18	14.20	14.14	14.26	15.50
			36	39	14.11	14.24	14.03	15.50
			75	0	14.01	13.89	13.90	15.50
		16QAM	1	0	13.98	13.98	14.00	15.50
			1	38	14.01	13.95	14.14	15.50
			1	74	14.18	14.02	14.03	15.50
			36	0	13.80	14.11	14.08	15.50
			36	18	14.17	14.11	14.25	15.50
			36	39	14.00	14.17	14.12	15.50
			75	0	13.94	14.09	13.89	15.50
64QAM		1	0	13.85	14.02	14.16	15.50	
		1	38	13.97	14.05	14.09	15.50	
		1	74	14.06	14.03	14.14	15.50	
		36	0	13.83	13.96	14.04	15.50	
		36	18	14.02	14.17	14.15	15.50	
		36	39	14.05	14.18	14.04	15.50	
		75	0	14.07	13.99	13.76	15.50	
256QAM	1	0	13.95	13.94	14.06	15.50		
	1	38	14.00	13.91	13.98	15.50		
	1	74	14.15	13.93	14.18	15.50		
	36	0	13.87	14.00	14.08	15.50		
	36	18	14.05	14.13	14.15	15.50		
	36	39	14.07	14.23	14.04	15.50		
	75	0	14.01	13.94	13.82	15.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		



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20MHz	QPSK	1	0	13.98	13.93	14.03	15.50
		1	50	13.93	14.08	14.00	15.50
		1	99	14.14	13.96	14.02	15.50
		50	0	13.83	13.99	14.18	15.50
		50	25	14.19	14.11	14.23	15.50
		50	50	14.12	14.19	14.09	15.50
		100	0	13.97	13.80	13.86	15.50
	16QAM	1	0	13.96	14.00	13.98	15.50
		1	50	14.04	13.85	14.12	15.50
		1	99	14.10	14.07	14.07	15.50
		50	0	13.81	14.14	14.02	15.50
		50	25	14.18	14.10	14.23	15.50
		50	50	14.02	14.16	14.08	15.50
		100	0	13.89	14.00	13.82	15.50
	64QAM	1	0	13.78	14.02	14.07	15.50
		1	50	14.01	14.05	14.04	15.50
		1	99	14.15	14.04	14.09	15.50
		50	0	13.88	13.93	14.08	15.50
		50	25	13.99	14.16	14.20	15.50
		50	50	14.09	14.16	13.99	15.50
		100	0	14.04	13.93	13.79	15.50
	256QAM	1	0	13.97	13.98	14.06	15.50
		1	50	13.94	13.97	14.00	15.50
		1	99	14.08	13.92	14.19	15.50
		50	0	13.95	14.05	14.13	15.50
		50	25	14.07	14.15	14.16	15.50
		50	50	14.11	14.19	14.08	15.50
		100	0	14.02	14.01	13.81	15.50



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LTE Band 2 DSI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	11.02	10.92	10.98	12.50
		1	2	10.94	11.03	10.95	12.50
		1	5	11.18	10.94	11.02	12.50
		3	0	10.79	10.98	11.18	12.50
		3	2	11.15	11.09	11.25	12.50
		3	3	11.13	11.19	11.12	12.50
		6	0	11.01	10.85	10.82	12.50
	16QAM	1	0	10.94	10.98	11.02	12.50
		1	2	11.01	10.90	11.12	12.50
		1	5	11.10	11.11	11.08	12.50
		3	0	10.80	11.12	11.07	12.50
		3	2	11.19	11.13	11.21	12.50
		3	3	11.07	11.14	11.08	12.50
		6	0	10.93	11.02	10.78	12.50
	64QAM	1	0	10.77	11.05	11.04	12.50
		1	2	11.00	11.07	10.99	12.50
		1	5	11.10	10.99	11.08	12.50
		3	0	10.85	10.97	11.09	12.50
		3	2	10.99	11.15	11.23	12.50
		3	3	11.05	11.20	10.94	12.50
		6	0	11.04	10.91	10.81	12.50
	256QAM	1	0	10.94	10.97	11.08	12.50
		1	2	10.93	11.01	11.01	12.50
		1	5	11.03	10.89	11.16	12.50
		3	0	10.92	11.08	11.15	12.50
		3	2	11.09	11.17	11.12	12.50
		3	3	11.08	11.19	11.03	12.50
		6	0	11.00	10.99	10.81	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	10.95	10.89	11.01	12.50
		1	7	10.90	11.06	10.97	12.50
		1	14	11.14	10.97	11.04	12.50
		8	0	10.80	11.02	11.14	12.50
		8	4	11.19	11.07	11.23	12.50
						18615	18900



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		8	7	11.14	11.16	11.06	12.50	
		15	0	11.00	10.82	10.83	12.50	
	16QAM	1	0	11.00	11.03	11.03	12.50	
		1	7	10.99	10.81	11.09	12.50	
		1	14	11.11	11.05	11.07	12.50	
		8	0	10.80	11.17	11.04	12.50	
		8	4	11.19	11.05	11.27	12.50	
		8	7	11.06	11.18	11.12	12.50	
		15	0	10.93	11.01	10.78	12.50	
		64QAM	1	0	10.75	11.05	11.10	12.50
	1		7	11.01	11.01	11.04	12.50	
	1		14	11.14	10.99	11.04	12.50	
	8		0	10.84	10.98	11.05	12.50	
	8		4	10.98	11.16	11.21	12.50	
	8		7	11.11	11.11	11.03	12.50	
	256QAM	15	0	11.03	10.90	10.81	12.50	
		1	0	11.00	10.95	11.11	12.50	
		1	7	10.95	11.01	11.05	12.50	
		1	14	11.11	10.92	11.20	12.50	
		8	0	10.98	11.03	11.13	12.50	
		8	4	11.12	11.13	11.19	12.50	
	5MHz	8	7	11.10	11.18	11.06	12.50	
		15	0	11.00	11.03	10.82	12.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18625	18900	19175	
		QPSK	1	0	10.95	10.92	11.04	12.50
			1	13	10.98	11.04	11.05	12.50
	1		24	11.09	10.99	10.99	12.50	
	12		0	10.78	11.02	11.20	12.50	
	12		6	11.24	11.12	11.24	12.50	
	12		13	11.16	11.23	11.13	12.50	
	25		0	11.01	10.79	10.81	12.50	
	16QAM	1	0	10.96	11.04	11.01	12.50	
		1	13	11.01	10.89	11.11	12.50	
		1	24	11.13	11.03	11.04	12.50	
		12	0	10.78	11.18	11.00	12.50	
		12	6	11.17	11.09	11.25	12.50	
		12	13	11.00	11.17	11.07	12.50	
		25	0	10.89	10.96	10.82	12.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18650	18900	19150		
10MHz	64QAM	1	0	10.80	11.06	11.04	12.50	
		1	13	10.96	11.05	11.03	12.50	
		1	24	11.12	11.03	11.14	12.50	
		12	0	10.90	10.88	11.03	12.50	
		12	6	10.98	11.20	11.18	12.50	
		12	13	11.14	11.13	10.97	12.50	
		25	0	11.00	10.91	10.79	12.50	
	256QAM	1	0	10.94	10.95	11.10	12.50	
		1	13	10.93	11.00	11.01	12.50	
		1	24	11.03	10.91	11.21	12.50	
		12	0	10.99	11.01	11.16	12.50	
		12	6	11.07	11.19	11.15	12.50	
		12	13	11.14	11.21	11.04	12.50	
		25	0	11.03	11.06	10.83	12.50	
	10MHz	QPSK	1	0	11.01	10.96	11.01	12.50
			1	25	10.93	11.04	11.02	12.50
			1	49	11.19	10.93	11.06	12.50
			25	0	10.88	11.02	11.23	12.50
			25	13	11.15	11.13	11.28	12.50
			25	25	11.12	11.24	11.13	12.50
			50	0	10.93	10.75	10.88	12.50
		16QAM	1	0	10.95	10.95	11.00	12.50
			1	25	11.05	10.87	11.10	12.50
			1	49	11.06	11.04	11.10	12.50
			25	0	10.77	11.18	10.97	12.50
			25	13	11.16	11.15	11.28	12.50
			25	25	11.03	11.18	11.06	12.50
			50	0	10.89	10.96	10.83	12.50
64QAM		1	0	10.75	11.03	11.08	12.50	
		1	25	11.03	11.00	11.04	12.50	
		1	49	11.16	11.08	11.07	12.50	
		25	0	10.90	10.98	11.03	12.50	
		25	13	11.03	11.19	11.17	12.50	
		25	25	11.08	11.16	10.99	12.50	
		50	0	11.07	10.88	10.80	12.50	
256QAM		1	0	10.92	10.99	11.01	12.50	
		1	25	10.92	10.98	11.02	12.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	QPSK	1	49	11.06	10.97	11.18	12.50	
		25	0	10.97	11.10	11.11	12.50	
		25	13	11.05	11.19	11.11	12.50	
		25	25	11.15	11.23	11.03	12.50	
		50	0	11.02	11.03	10.78	12.50	
		16QAM	1	0	10.98	10.93	10.98	12.50
			1	38	10.95	11.12	11.03	12.50
	1		74	11.10	10.99	10.97	12.50	
	36		0	10.83	11.04	11.23	12.50	
	36		18	11.16	11.15	11.28	12.50	
	36		39	11.15	11.24	11.06	12.50	
	75		0	11.01	10.75	10.84	12.50	
	64QAM	1	0	10.97	10.97	10.93	12.50	
		1	38	11.04	10.81	11.14	12.50	
		1	74	11.08	11.04	11.05	12.50	
		36	0	10.83	11.12	11.04	12.50	
		36	18	11.20	11.14	11.23	12.50	
		36	39	11.01	11.14	11.13	12.50	
		75	0	10.90	11.02	10.85	12.50	
	256QAM	1	0	10.73	11.07	11.05	12.50	
		1	38	11.06	11.08	11.06	12.50	
		1	74	11.18	11.06	11.08	12.50	
		36	0	10.84	10.96	11.09	12.50	
		36	18	10.96	11.14	11.15	12.50	
		36	39	11.14	11.11	10.98	12.50	
		75	0	11.06	10.97	10.79	12.50	
	20MHz	QPSK	1	0	10.93	10.90	11.05	12.50
			1	50	10.89	11.13	11.02	12.50



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		1	99	11.18	10.97	10.97	12.50
		50	0	10.78	10.94	11.19	12.50
		50	25	11.19	11.08	11.18	12.50
		50	50	11.16	11.17	11.11	12.50
		100	0	10.96	10.80	10.84	12.50
	16QAM	1	0	10.99	11.00	10.99	12.50
		1	50	10.99	10.83	11.07	12.50
		1	99	11.11	11.07	11.12	12.50
		50	0	10.85	11.12	11.03	12.50
		50	25	11.14	11.07	11.21	12.50
		50	50	11.03	11.11	11.09	12.50
		100	0	10.85	10.99	10.85	12.50
	64QAM	1	0	10.82	10.98	11.06	12.50
		1	50	11.02	11.02	11.06	12.50
		1	99	11.11	11.09	11.05	12.50
		50	0	10.93	10.98	11.08	12.50
		50	25	11.01	11.20	11.25	12.50
		50	50	11.05	11.19	11.03	12.50
		100	0	11.00	10.88	10.84	12.50
	256QAM	1	0	10.96	10.95	11.07	12.50
		1	50	10.95	10.98	11.01	12.50
		1	99	11.06	10.90	11.17	12.50
		50	0	10.96	11.05	11.18	12.50
		50	25	11.06	11.15	11.14	12.50
50		50	11.10	11.23	11.04	12.50	
100		0	11.01	11.02	10.80	12.50	



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LTE Band 2 DSI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.46	22.40	22.42	24.00
		1	2	22.39	22.47	22.57	24.00
		1	5	22.44	22.43	22.51	24.00
		3	0	22.59	22.53	22.45	24.00
		3	2	22.56	22.56	22.66	24.00
		3	3	22.67	22.57	22.56	24.00
		6	0	21.56	21.64	21.65	23.00
	16QAM	1	0	21.48	21.44	21.40	23.00
		1	2	21.60	21.51	21.46	23.00
		1	5	21.50	21.48	21.58	23.00
		3	0	21.51	21.55	21.61	23.00
		3	2	21.59	21.58	21.67	23.00
		3	3	21.49	21.52	21.45	23.00
		6	0	20.54	20.54	20.47	22.00
	64QAM	1	0	20.36	20.44	20.41	22.00
		1	2	20.50	20.52	20.58	22.00
		1	5	20.45	20.49	20.48	22.00
		3	0	20.42	20.41	20.47	22.00
		3	2	20.47	20.41	20.45	22.00
		3	3	20.38	20.39	20.36	22.00
		6	0	19.56	19.58	19.52	21.00
	256QAM	1	0	17.65	17.68	17.60	19.00
		1	2	17.68	17.70	17.67	19.00
		1	5	17.74	17.66	17.76	19.00
		3	0	17.54	17.57	17.65	19.00
		3	2	17.65	17.64	17.74	19.00
		3	3	17.75	17.66	17.62	19.00
		6	0	17.51	17.52	17.53	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.12	22.29	22.21	24.00
		1	7	22.23	22.31	22.28	24.00
		1	14	22.22	22.16	22.24	24.00
		8	0	21.43	21.46	21.50	23.00
		8	4	21.46	21.39	21.51	23.00
						18615	18900



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		8	7	21.46	21.47	21.65	23.00	
		15	0	21.49	21.50	21.33	23.00	
	16QAM	1	0	21.43	21.35	21.26	23.00	
		1	7	21.36	21.27	21.24	23.00	
		1	14	21.20	21.22	21.26	23.00	
		8	0	20.30	20.50	20.29	22.00	
		8	4	20.47	20.60	20.43	22.00	
		8	7	20.42	20.43	20.29	22.00	
		15	0	20.45	20.54	20.52	22.00	
		64QAM	1	0	20.35	20.33	20.30	22.00
	1		7	20.36	20.40	20.33	22.00	
	1		14	20.29	20.36	20.25	22.00	
	8		0	19.39	19.39	19.40	21.00	
	8		4	19.50	19.36	19.46	21.00	
	8		7	19.43	19.39	19.31	21.00	
	15		0	19.54	19.57	19.57	21.00	
	256QAM	1	0	17.44	17.54	17.48	19.00	
		1	7	17.47	17.41	17.59	19.00	
		1	14	17.63	17.67	17.71	19.00	
		8	0	17.52	17.36	17.49	19.00	
		8	4	17.56	17.49	17.60	19.00	
		8	7	17.57	17.49	17.38	19.00	
		15	0	17.52	17.58	17.46	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18625	18900	19175	
	5MHz	QPSK	1	0	22.06	22.26	22.06	24.00
			1	13	22.07	22.34	22.26	24.00
			1	24	22.33	22.09	22.27	24.00
12			0	21.44	21.47	21.65	23.00	
12			6	21.54	21.54	21.64	23.00	
12			13	21.47	21.41	21.56	23.00	
25			0	21.49	21.44	21.44	23.00	
16QAM		1	0	21.40	21.23	21.36	23.00	
		1	13	21.24	21.40	21.26	23.00	
		1	24	21.29	21.19	21.25	23.00	
		12	0	20.30	20.41	20.36	22.00	
		12	6	20.44	20.56	20.35	22.00	
		12	13	20.32	20.40	20.42	22.00	
		25	0	20.47	20.56	20.45	22.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18650	18900	19150		
10MHz	64QAM	1	0	20.49	20.25	20.37	22.00	
		1	13	20.38	20.32	20.32	22.00	
		1	24	20.43	20.18	20.38	22.00	
		12	0	19.38	19.50	19.39	21.00	
		12	6	19.44	19.36	19.44	21.00	
		12	13	19.52	19.31	19.49	21.00	
		25	0	19.39	19.50	19.57	21.00	
	256QAM	1	0	17.48	17.50	17.61	19.00	
		1	13	17.41	17.48	17.51	19.00	
		1	24	17.70	17.69	17.66	19.00	
		12	0	17.61	17.40	17.51	19.00	
		12	6	17.68	17.49	17.51	19.00	
		12	13	17.66	17.48	17.37	19.00	
		25	0	17.48	17.54	17.53	19.00	
	10MHz	QPSK	1	0	22.15	22.28	22.07	24.00
			1	25	22.04	22.19	22.31	24.00
			1	49	22.32	22.14	22.24	24.00
			25	0	21.41	21.43	21.65	23.00
			25	13	21.63	21.57	21.63	23.00
			25	25	21.41	21.53	21.58	23.00
			50	0	21.54	21.46	21.48	23.00
		16QAM	1	0	21.43	21.24	21.35	23.00
			1	25	21.34	21.28	21.29	23.00
			1	49	21.30	21.20	21.11	23.00
			25	0	20.37	20.39	20.41	22.00
			25	13	20.46	20.47	20.51	22.00
			25	25	20.39	20.45	20.48	22.00
			50	0	20.41	20.43	20.43	22.00
64QAM		1	0	20.38	20.34	20.27	22.00	
		1	25	20.24	20.24	20.25	22.00	
		1	49	20.33	20.17	20.24	22.00	
		25	0	19.24	19.35	19.35	21.00	
		25	13	19.38	19.51	19.50	21.00	
		25	25	19.53	19.31	19.30	21.00	
		50	0	19.58	19.56	19.41	21.00	
256QAM		1	0	17.56	17.47	17.51	19.00	
		1	25	17.39	17.51	17.62	19.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.14	22.33	22.23	24.00
		1	38	22.07	22.31	22.26	24.00
		1	74	22.29	22.23	22.13	24.00
		36	0	21.35	21.41	21.50	23.00
		36	18	21.56	21.50	21.62	23.00
		36	39	21.36	21.39	21.58	23.00
		75	0	21.64	21.45	21.42	23.00
	16QAM	1	0	21.40	21.26	21.45	23.00
		1	38	21.29	21.41	21.25	23.00
		1	74	21.32	21.28	21.18	23.00
		36	0	20.47	20.54	20.45	22.00
		36	18	20.32	20.43	20.43	22.00
		36	39	20.26	20.42	20.37	22.00
		75	0	20.49	20.56	20.46	22.00
	64QAM	1	0	20.46	20.27	20.25	22.00
		1	38	20.37	20.33	20.36	22.00
		1	74	20.30	20.29	20.21	22.00
		36	0	19.25	19.42	19.38	21.00
		36	18	19.45	19.49	19.43	21.00
		36	39	19.35	19.30	19.47	21.00
		75	0	19.51	19.41	19.56	21.00
	256QAM	1	0	17.41	17.53	17.53	19.00
		1	38	17.43	17.42	17.47	19.00
		1	74	17.64	17.59	17.78	19.00
		36	0	17.62	17.36	17.46	19.00
		36	18	17.63	17.61	17.71	19.00
		36	39	17.53	17.49	17.42	19.00
		75	0	17.34	17.44	17.52	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.15	22.23	22.13	24.00
		1	50	22.14	22.24	22.23	24.00



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		1	99	22.26	22.18	22.20	24.00
		50	0	21.44	21.50	21.58	23.00
		50	25	21.56	21.48	21.57	23.00
		50	50	21.44	21.49	21.59	23.00
		100	0	21.54	21.47	21.38	23.00
	16QAM	1	0	21.34	21.31	21.35	23.00
		1	50	21.32	21.33	21.31	23.00
		1	99	21.30	21.29	21.21	23.00
		50	0	20.37	20.45	20.36	22.00
		50	25	20.42	20.51	20.42	22.00
		50	50	20.36	20.44	20.38	22.00
		100	0	20.50	20.47	20.42	22.00
	64QAM	1	0	20.41	20.35	20.30	22.00
		1	50	20.34	20.34	20.27	22.00
		1	99	20.36	20.26	20.29	22.00
		50	0	19.32	19.42	19.42	21.00
		50	25	19.45	19.45	19.53	21.00
		50	50	19.45	19.40	19.39	21.00
		100	0	19.49	19.50	19.49	21.00
	256QAM	1	0	17.50	17.55	17.51	19.00
		1	50	17.47	17.51	17.56	19.00
		1	99	17.61	17.60	17.70	19.00
		50	0	17.53	17.46	17.55	19.00
		50	25	17.58	17.51	17.61	19.00
50		50	17.58	17.49	17.41	19.00	
100		0	17.44	17.50	17.49	19.00	



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LTE Band 2 DSI 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	17.48	17.35	17.41	19.00
		1	2	17.46	17.49	17.42	19.00
		1	5	17.69	17.57	17.61	19.00
		3	0	17.24	17.54	17.51	19.00
		3	2	17.52	17.69	17.69	19.00
		3	3	17.55	17.57	17.55	19.00
		6	0	17.63	17.46	17.39	19.00
	16QAM	1	0	17.59	17.57	17.49	19.00
		1	2	17.54	17.41	17.51	19.00
		1	5	17.70	17.60	17.68	19.00
		3	0	17.27	17.62	17.44	19.00
		3	2	17.56	17.56	17.62	19.00
		3	3	17.68	17.66	17.61	19.00
		6	0	17.42	17.58	17.38	19.00
	64QAM	1	0	17.30	17.49	17.66	19.00
		1	2	17.62	17.59	17.47	19.00
		1	5	17.56	17.51	17.55	19.00
		3	0	17.35	17.39	17.72	19.00
		3	2	17.46	17.59	17.63	19.00
		3	3	17.56	17.77	17.50	19.00
		6	0	17.45	17.36	17.40	19.00
	256QAM	1	0	17.51	17.38	17.58	19.00
		1	2	17.46	17.43	17.64	19.00
		1	5	17.65	17.59	17.71	19.00
		3	0	17.52	17.54	17.61	19.00
		3	2	17.59	17.63	17.75	19.00
		3	3	17.55	17.55	17.62	19.00
		6	0	17.54	17.48	17.36	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	17.50	17.50	17.60	19.00
		1	7	17.57	17.40	17.58	19.00
		1	14	17.56	17.47	17.58	19.00
		8	0	17.29	17.51	17.63	19.00
		8	4	17.70	17.52	17.63	19.00
		8	4	17.70	17.52	17.63	19.00



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		8	7	17.63	17.72	17.54	19.00	
		15	0	17.59	17.35	17.38	19.00	
	16QAM	1	0	17.45	17.48	17.53	19.00	
		1	7	17.56	17.46	17.54	19.00	
		1	14	17.75	17.49	17.55	19.00	
		8	0	17.41	17.61	17.55	19.00	
		8	4	17.58	17.75	17.68	19.00	
		8	7	17.63	17.65	17.50	19.00	
		15	0	17.38	17.43	17.36	19.00	
		64QAM	1	0	17.40	17.53	17.56	19.00
	1		7	17.46	17.56	17.64	19.00	
	1		14	17.49	17.64	17.71	19.00	
	8		0	17.29	17.55	17.64	19.00	
	8		4	17.45	17.62	17.60	19.00	
	8		7	17.57	17.75	17.51	19.00	
	15		0	17.63	17.45	17.24	19.00	
	256QAM		1	0	17.46	17.41	17.51	19.00
		1	7	17.57	17.55	17.46	19.00	
		1	14	17.71	17.49	17.71	19.00	
		8	0	17.49	17.52	17.59	19.00	
		8	4	17.52	17.60	17.58	19.00	
		8	7	17.68	17.74	17.54	19.00	
		15	0	17.58	17.52	17.36	19.00	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
	18625					18900	19175	
	5MHz	QPSK	1	0	17.57	17.44	17.55	19.00
			1	13	17.63	17.40	17.48	19.00
			1	24	17.59	17.52	17.63	19.00
12			0	17.24	17.39	17.68	19.00	
12			6	17.68	17.67	17.75	19.00	
12			13	17.61	17.75	17.55	19.00	
25			0	17.59	17.47	17.41	19.00	
16QAM			1	0	17.44	17.54	17.52	19.00
		1	13	17.47	17.35	17.68	19.00	
		1	24	17.59	17.60	17.54	19.00	
		12	0	17.37	17.70	17.48	19.00	
		12	6	17.71	17.65	17.72	19.00	
		12	13	17.54	17.58	17.59	19.00	
		25	0	17.51	17.48	17.41	19.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18650	18900	19150		
10MHz	64QAM	1	0	17.28	17.48	17.52	19.00	
		1	13	17.64	17.59	17.58	19.00	
		1	24	17.54	17.62	17.60	19.00	
		12	0	17.41	17.47	17.61	19.00	
		12	6	17.52	17.60	17.69	19.00	
		12	13	17.59	17.61	17.44	19.00	
		25	0	17.61	17.56	17.21	19.00	
	256QAM	1	0	17.45	17.37	17.47	19.00	
		1	13	17.46	17.41	17.62	19.00	
		1	24	17.70	17.50	17.67	19.00	
		12	0	17.39	17.63	17.65	19.00	
		12	6	17.51	17.57	17.66	19.00	
		12	13	17.57	17.65	17.66	19.00	
		25	0	17.52	17.40	17.34	19.00	
	10MHz	QPSK	1	0	17.40	17.32	17.52	19.00
			1	25	17.63	17.55	17.58	19.00
			1	49	17.64	17.59	17.59	19.00
			25	0	17.42	17.45	17.69	19.00
			25	13	17.67	17.68	17.61	19.00
			25	25	17.61	17.57	17.53	19.00
			50	0	17.52	17.29	17.49	19.00
		16QAM	1	0	17.44	17.44	17.50	19.00
			1	25	17.51	17.29	17.50	19.00
			1	49	17.60	17.54	17.51	19.00
			25	0	17.29	17.50	17.47	19.00
			25	13	17.57	17.64	17.66	19.00
			25	25	17.57	17.57	17.65	19.00
			50	0	17.42	17.47	17.38	19.00
64QAM		1	0	17.42	17.38	17.58	19.00	
		1	25	17.58	17.57	17.50	19.00	
		1	49	17.56	17.53	17.56	19.00	
		25	0	17.48	17.46	17.68	19.00	
		25	13	17.61	17.67	17.62	19.00	
		25	25	17.54	17.76	17.45	19.00	
		50	0	17.51	17.39	17.34	19.00	
256QAM		1	0	17.39	17.50	17.54	19.00	
		1	25	17.42	17.55	17.54	19.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	QPSK	1	49	17.56	17.44	17.58	19.00	
		25	0	17.39	17.59	17.68	19.00	
		25	13	17.53	17.58	17.77	19.00	
		25	25	17.60	17.64	17.48	19.00	
		50	0	17.62	17.47	17.28	19.00	
	16QAM	16QAM	1	0	17.44	17.32	17.53	19.00
			1	38	17.52	17.49	17.48	19.00
			1	74	17.71	17.55	17.62	19.00
			36	0	17.30	17.43	17.68	19.00
			36	18	17.52	17.59	17.73	19.00
			36	39	17.56	17.58	17.64	19.00
			75	0	17.61	17.27	17.37	19.00
	64QAM	64QAM	1	0	17.49	17.47	17.53	19.00
			1	38	17.61	17.44	17.66	19.00
			1	74	17.71	17.58	17.65	19.00
			36	0	17.33	17.54	17.60	19.00
			36	18	17.66	17.57	17.74	19.00
			36	39	17.64	17.60	17.50	19.00
			75	0	17.46	17.61	17.43	19.00
	256QAM	256QAM	1	0	17.46	17.44	17.62	19.00
1			38	17.62	17.62	17.45	19.00	
1			74	17.55	17.51	17.61	19.00	
36			0	17.29	17.51	17.71	19.00	
36			18	17.56	17.59	17.64	19.00	
36			39	17.62	17.68	17.54	19.00	
75			0	17.57	17.36	17.29	19.00	
20MHz	QPSK	1	0	17.49	17.40	17.51	19.00	
		1	50	17.53	17.49	17.48	19.00	



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		1	99	17.66	17.49	17.55	19.00	
		50	0	17.34	17.48	17.60	19.00	
		50	25	17.61	17.60	17.71	19.00	
		50	50	17.62	17.66	17.59	19.00	
		100	0	17.54	17.37	17.39	19.00	
	16QAM		1	0	17.54	17.49	17.50	19.00
			1	50	17.52	17.38	17.60	19.00
			1	99	17.69	17.57	17.59	19.00
			50	0	17.34	17.60	17.52	19.00
			50	25	17.64	17.65	17.66	19.00
			50	50	17.58	17.64	17.58	19.00
			100	0	17.44	17.51	17.37	19.00
	64QAM		1	0	17.36	17.48	17.60	19.00
			1	50	17.55	17.54	17.55	19.00
			1	99	17.56	17.54	17.65	19.00
			50	0	17.38	17.47	17.62	19.00
			50	25	17.51	17.65	17.66	19.00
			50	50	17.58	17.69	17.47	19.00
			100	0	17.54	17.46	17.30	19.00
	256QAM		1	0	17.46	17.41	17.57	19.00
			1	50	17.47	17.48	17.54	19.00
			1	99	17.63	17.51	17.63	19.00
			50	0	17.43	17.57	17.60	19.00
			50	25	17.60	17.62	17.67	19.00
			50	50	17.63	17.64	17.57	19.00
100			0	17.52	17.42	17.38	19.00	



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LTE Band 2 DSI 8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	14.49	14.37	14.46	16.00
		1	2	14.52	14.53	14.52	16.00
		1	5	14.64	14.54	14.58	16.00
		3	0	14.39	14.51	14.55	16.00
		3	2	14.62	14.59	14.72	16.00
		3	3	14.61	14.64	14.59	16.00
		6	0	14.54	14.39	14.34	16.00
	16QAM	1	0	14.50	14.51	14.47	16.00
		1	2	14.47	14.33	14.65	16.00
		1	5	14.72	14.58	14.54	16.00
		3	0	14.36	14.64	14.49	16.00
		3	2	14.67	14.68	14.71	16.00
		3	3	14.54	14.69	14.56	16.00
		6	0	14.46	14.55	14.38	16.00
	64QAM	1	0	14.37	14.47	14.59	16.00
		1	2	14.54	14.52	14.51	16.00
		1	5	14.53	14.56	14.61	16.00
		3	0	14.42	14.44	14.67	16.00
		3	2	14.56	14.61	14.68	16.00
		3	3	14.58	14.67	14.50	16.00
		6	0	14.54	14.42	14.31	16.00
	256QAM	1	0	14.43	14.37	14.52	16.00
		1	2	14.51	14.52	14.56	16.00
		1	5	14.62	14.46	14.63	16.00
		3	0	14.40	14.57	14.61	16.00
		3	2	14.57	14.61	14.66	16.00
		3	3	14.64	14.69	14.56	16.00
		6	0	14.50	14.47	14.35	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK			18615	18900	19185	
		1	0	14.47	14.45	14.56	16.00
		1	7	14.49	14.51	14.46	16.00
		1	14	14.62	14.49	14.58	16.00
		8	0	14.34	14.43	14.64	16.00
		8	4	14.57	14.63	14.76	16.00



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		8	7	14.62	14.71	14.55	16.00	
		15	0	14.52	14.38	14.37	16.00	
	16QAM	1	0	14.53	14.47	14.55	16.00	
		1	7	14.52	14.41	14.56	16.00	
		1	14	14.70	14.59	14.63	16.00	
		8	0	14.36	14.59	14.56	16.00	
		8	4	14.62	14.61	14.63	16.00	
		8	7	14.54	14.65	14.60	16.00	
		15	0	14.41	14.50	14.42	16.00	
		64QAM	1	0	14.39	14.48	14.63	16.00
	1		7	14.56	14.54	14.50	16.00	
	1		14	14.53	14.53	14.65	16.00	
	8		0	14.39	14.47	14.60	16.00	
	8		4	14.49	14.68	14.67	16.00	
	8		7	14.63	14.65	14.48	16.00	
	15		0	14.53	14.44	14.32	16.00	
	256QAM		1	0	14.44	14.44	14.57	16.00
		1	7	14.42	14.50	14.59	16.00	
		1	14	14.64	14.48	14.63	16.00	
		8	0	14.43	14.59	14.57	16.00	
		8	4	14.64	14.65	14.64	16.00	
		8	7	14.67	14.62	14.59	16.00	
		15	0	14.55	14.45	14.37	16.00	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
	18625					18900	19175	
	5MHz	QPSK	1	0	14.44	14.38	14.49	16.00
			1	13	14.58	14.45	14.52	16.00
			1	24	14.68	14.47	14.51	16.00
12			0	14.33	14.46	14.58	16.00	
12			6	14.66	14.65	14.73	16.00	
12			13	14.61	14.67	14.54	16.00	
25			0	14.49	14.41	14.35	16.00	
16QAM			1	0	14.50	14.51	14.55	16.00
		1	13	14.49	14.41	14.60	16.00	
		1	24	14.68	14.57	14.60	16.00	
		12	0	14.32	14.58	14.57	16.00	
		12	6	14.62	14.65	14.62	16.00	
		12	13	14.62	14.66	14.55	16.00	
		25	0	14.39	14.51	14.38	16.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18650	18900	19150		
10MHz	64QAM	1	0	14.36	14.52	14.64	16.00	
		1	13	14.51	14.52	14.50	16.00	
		1	24	14.60	14.54	14.68	16.00	
		12	0	14.41	14.51	14.66	16.00	
		12	6	14.51	14.64	14.69	16.00	
		12	13	14.54	14.74	14.51	16.00	
		25	0	14.50	14.51	14.33	16.00	
	256QAM	1	0	14.41	14.43	14.56	16.00	
		1	13	14.47	14.50	14.59	16.00	
		1	24	14.67	14.52	14.68	16.00	
		12	0	14.38	14.57	14.64	16.00	
		12	6	14.58	14.61	14.68	16.00	
		12	13	14.62	14.59	14.60	16.00	
		25	0	14.51	14.46	14.43	16.00	
	10MHz	QPSK	1	0	14.44	14.43	14.55	16.00
			1	25	14.50	14.50	14.50	16.00
			1	49	14.68	14.53	14.55	16.00
			25	0	14.39	14.48	14.62	16.00
			25	13	14.65	14.58	14.76	16.00
			25	25	14.66	14.65	14.55	16.00
			50	0	14.53	14.36	14.44	16.00
		16QAM	1	0	14.50	14.53	14.47	16.00
			1	25	14.56	14.38	14.56	16.00
			1	49	14.68	14.61	14.57	16.00
			25	0	14.30	14.59	14.50	16.00
			25	13	14.66	14.62	14.71	16.00
			25	25	14.58	14.66	14.58	16.00
			50	0	14.42	14.55	14.37	16.00
64QAM		1	0	14.38	14.53	14.62	16.00	
		1	25	14.54	14.55	14.54	16.00	
		1	49	14.58	14.54	14.64	16.00	
		25	0	14.35	14.43	14.62	16.00	
		25	13	14.50	14.70	14.62	16.00	
		25	25	14.59	14.72	14.50	16.00	
		50	0	14.49	14.48	14.27	16.00	
256QAM		1	0	14.49	14.40	14.62	16.00	
		1	25	14.49	14.48	14.49	16.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	QPSK	1	49	14.64	14.47	14.64	16.00	
		25	0	14.38	14.62	14.65	16.00	
		25	13	14.62	14.65	14.69	16.00	
		25	25	14.58	14.59	14.60	16.00	
		50	0	14.51	14.46	14.38	16.00	
	16QAM	QPSK	1	0	14.48	14.42	14.49	16.00
			1	38	14.48	14.49	14.51	16.00
			1	74	14.68	14.49	14.54	16.00
			36	0	14.31	14.51	14.55	16.00
			36	18	14.62	14.55	14.70	16.00
			36	39	14.61	14.65	14.56	16.00
		16QAM	75	0	14.55	14.33	14.35	16.00
			1	0	14.50	14.49	14.50	16.00
			1	38	14.49	14.34	14.64	16.00
			1	74	14.67	14.52	14.63	16.00
			36	0	14.35	14.64	14.47	16.00
			36	18	14.62	14.62	14.69	16.00
	64QAM	36	39	14.54	14.69	14.60	16.00	
		75	0	14.46	14.55	14.34	16.00	
		1	0	14.35	14.48	14.60	16.00	
		1	38	14.57	14.52	14.57	16.00	
		1	74	14.58	14.52	14.66	16.00	
		36	0	14.42	14.50	14.64	16.00	
		36	18	14.52	14.60	14.66	16.00	
	256QAM	36	39	14.57	14.69	14.48	16.00	
75		0	14.51	14.45	14.31	16.00		
1		0	14.50	14.38	14.62	16.00		
1		38	14.42	14.51	14.56	16.00		
1		74	14.60	14.46	14.62	16.00		
36		0	14.40	14.52	14.58	16.00		
36		18	14.60	14.64	14.70	16.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	QPSK	1	0	14.46	14.43	14.56	16.00	
		1	50	14.48	14.54	14.51	16.00	



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		1	99	14.69	14.50	14.50	16.00
		50	0	14.30	14.46	14.65	16.00
		50	25	14.65	14.64	14.76	16.00
		50	50	14.61	14.71	14.54	16.00
		100	0	14.49	14.35	14.36	16.00
	16QAM	1	0	14.49	14.50	14.50	16.00
		1	50	14.56	14.40	14.63	16.00
		1	99	14.64	14.55	14.58	16.00
		50	0	14.30	14.63	14.56	16.00
		50	25	14.69	14.64	14.70	16.00
		50	50	14.54	14.69	14.58	16.00
		100	0	14.44	14.55	14.35	16.00
	64QAM	1	0	14.33	14.52	14.62	16.00
		1	50	14.51	14.56	14.59	16.00
		1	99	14.60	14.53	14.62	16.00
		50	0	14.37	14.44	14.58	16.00
		50	25	14.49	14.62	14.69	16.00
		50	50	14.59	14.65	14.52	16.00
		100	0	14.55	14.45	14.25	16.00
	256QAM	1	0	14.42	14.44	14.57	16.00
		1	50	14.47	14.44	14.51	16.00
		1	99	14.60	14.47	14.67	16.00
		50	0	14.41	14.55	14.62	16.00
		50	25	14.56	14.61	14.68	16.00
50		50	14.58	14.69	14.54	16.00	
100		0	14.47	14.46	14.35	16.00	



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LTE Band 4 DSI 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	14.05	14.03	13.96	15.50
		1	2	13.99	14.06	14.02	15.50
		1	5	14.05	14.14	14.17	15.50
		3	0	13.95	13.83	13.75	15.50
		3	2	13.91	13.95	13.88	15.50
		3	3	13.87	13.90	13.91	15.50
		6	0	13.79	13.83	13.74	15.50
	16QAM	1	0	14.06	14.00	14.05	15.50
		1	2	14.08	13.97	14.09	15.50
		1	5	14.14	14.14	14.11	15.50
		3	0	13.82	13.86	13.82	15.50
		3	2	14.00	13.89	13.95	15.50
		3	3	13.82	13.88	13.90	15.50
		6	0	13.89	13.85	13.85	15.50
	64QAM	1	0	13.97	14.00	14.05	15.50
		1	2	14.09	13.97	14.00	15.50
		1	5	14.13	14.07	14.24	15.50
		3	0	13.85	13.90	13.71	15.50
		3	2	13.95	13.92	13.86	15.50
		3	3	13.93	13.95	13.83	15.50
		6	0	13.88	13.92	13.78	15.50
	256QAM	1	0	14.01	14.03	13.97	15.50
		1	2	13.98	14.11	14.02	15.50
		1	5	14.16	14.18	14.14	15.50
		3	0	13.87	13.87	13.77	15.50
		3	2	13.91	13.90	13.89	15.50
		3	3	13.94	13.91	13.89	15.50
		6	0	13.81	13.89	13.75	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	14.11	14.08	13.95	15.50
		1	7	13.98	14.05	14.03	15.50
		1	14	14.07	14.09	14.15	15.50
		8	0	13.88	13.85	13.69	15.50
		8	4	13.85	13.88	13.92	15.50
						19965	20175



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		8	7	13.87	13.91	13.96	15.50	
		15	0	13.83	13.84	13.74	15.50	
	16QAM	1	0	14.13	14.05	14.04	15.50	
		1	7	14.07	14.04	14.10	15.50	
		1	14	14.16	14.06	14.15	15.50	
		8	0	13.81	13.82	13.83	15.50	
		8	4	13.97	13.92	13.87	15.50	
		8	7	13.88	13.90	13.84	15.50	
		15	0	13.89	13.90	13.84	15.50	
		64QAM	1	0	14.05	14.09	14.02	15.50
	1		7	14.09	14.02	14.03	15.50	
	1		14	14.06	14.10	14.24	15.50	
	8		0	13.83	13.84	13.75	15.50	
	8		4	13.90	13.97	13.83	15.50	
	8		7	13.94	13.94	13.90	15.50	
	15		0	13.91	13.86	13.85	15.50	
	256QAM		1	0	14.03	14.09	14.05	15.50
		1	7	14.03	14.13	14.02	15.50	
		1	14	14.22	14.15	14.17	15.50	
		8	0	13.89	13.82	13.76	15.50	
		8	4	13.88	13.95	13.95	15.50	
		8	7	13.94	13.96	13.85	15.50	
		15	0	13.86	13.84	13.72	15.50	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
	19975					20175	20375	
	5MHz	QPSK	1	0	14.05	14.03	14.03	15.50
			1	13	14.02	14.08	13.97	15.50
			1	24	14.12	14.13	14.15	15.50
12			0	13.89	13.84	13.75	15.50	
12			6	13.95	13.92	13.85	15.50	
12			13	13.90	13.83	13.89	15.50	
25			0	13.83	13.79	13.68	15.50	
16QAM			1	0	14.08	14.00	13.95	15.50
		1	13	14.10	13.97	14.01	15.50	
		1	24	14.21	14.05	14.14	15.50	
		12	0	13.84	13.87	13.77	15.50	
		12	6	13.99	13.94	13.92	15.50	
		12	13	13.89	13.86	13.87	15.50	
		25	0	13.83	13.81	13.86	15.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
10MHz	64QAM	1	0	13.98	14.01	14.03	15.50	
		1	13	14.05	14.05	13.97	15.50	
		1	24	14.15	14.12	14.17	15.50	
		12	0	13.78	13.89	13.72	15.50	
		12	6	13.95	13.95	13.90	15.50	
		12	13	13.96	13.90	13.91	15.50	
		25	0	13.87	13.94	13.78	15.50	
	256QAM	1	0	13.96	14.05	14.00	15.50	
		1	13	14.07	14.06	14.12	15.50	
		1	24	14.23	14.15	14.21	15.50	
		12	0	13.95	13.91	13.80	15.50	
		12	6	13.86	13.92	13.96	15.50	
		12	13	13.95	13.92	13.93	15.50	
		25	0	13.85	13.85	13.78	15.50	
	10MHz	QPSK	1	0	14.11	14.07	13.96	15.50
			1	25	14.03	14.05	13.99	15.50
			1	49	14.15	14.18	14.24	15.50
			25	0	13.96	13.88	13.78	15.50
			25	13	13.93	13.98	13.90	15.50
			25	25	13.93	13.83	13.95	15.50
			50	0	13.79	13.80	13.70	15.50
		16QAM	1	0	14.11	14.05	14.05	15.50
			1	25	14.09	14.01	14.03	15.50
			1	49	14.17	14.13	14.18	15.50
			25	0	13.81	13.79	13.84	15.50
			25	13	13.98	13.94	13.90	15.50
			25	25	13.89	13.88	13.86	15.50
			50	0	13.84	13.83	13.85	15.50
64QAM		1	0	14.05	14.00	13.95	15.50	
		1	25	14.07	13.98	14.05	15.50	
		1	49	14.12	14.09	14.21	15.50	
		25	0	13.80	13.91	13.72	15.50	
		25	13	13.86	13.97	13.87	15.50	
		25	25	13.97	13.93	13.84	15.50	
		50	0	13.95	13.91	13.84	15.50	
256QAM		1	0	13.96	14.02	13.97	15.50	
		1	25	14.01	14.08	14.08	15.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	14.13	14.08	14.01	15.50
		1	38	14.03	14.06	14.00	15.50
		1	74	14.07	14.17	14.24	15.50
		36	0	13.94	13.89	13.70	15.50
		36	18	13.91	13.88	13.86	15.50
		36	39	13.88	13.91	13.94	15.50
		75	0	13.86	13.79	13.69	15.50
	16QAM	1	0	14.12	14.04	13.98	15.50
		1	38	14.10	14.05	14.01	15.50
		1	74	14.20	14.08	14.20	15.50
		36	0	13.84	13.79	13.80	15.50
		36	18	13.99	13.87	13.90	15.50
		36	39	13.90	13.90	13.82	15.50
		75	0	13.82	13.87	13.79	15.50
	64QAM	1	0	13.98	14.05	13.99	15.50
		1	38	14.03	13.97	14.02	15.50
		1	74	14.09	14.06	14.19	15.50
		36	0	13.78	13.90	13.78	15.50
		36	18	13.95	13.93	13.85	15.50
		36	39	13.93	13.89	13.84	15.50
		75	0	13.86	13.87	13.77	15.50
	256QAM	1	0	13.97	14.00	13.96	15.50
		1	38	13.98	14.05	14.11	15.50
		1	74	14.19	14.10	14.15	15.50
		36	0	13.88	13.87	13.80	15.50
		36	18	13.88	13.96	13.91	15.50
		36	39	13.99	13.97	13.94	15.50
		75	0	13.76	13.81	13.71	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	14.07	14.07	13.94	15.50
		1	50	13.99	14.11	13.99	15.50



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		1	99	14.10	14.14	14.15	15.50
		50	0	13.94	13.82	13.70	15.50
		50	25	13.95	13.92	13.85	15.50
		50	50	13.86	13.83	13.96	15.50
		100	0	13.78	13.78	13.69	15.50
	16QAM	1	0	14.13	13.97	14.03	15.50
		1	50	14.04	14.02	14.01	15.50
		1	99	14.17	14.04	14.12	15.50
		50	0	13.80	13.81	13.84	15.50
		50	25	14.04	13.88	13.87	15.50
		50	50	13.90	13.82	13.84	15.50
		100	0	13.85	13.89	13.85	15.50
	64QAM	1	0	14.03	14.03	14.05	15.50
		1	50	14.07	14.01	14.00	15.50
		1	99	14.11	14.04	14.21	15.50
		50	0	13.84	13.91	13.71	15.50
		50	25	13.89	13.88	13.89	15.50
		50	50	13.88	13.88	13.86	15.50
		100	0	13.94	13.90	13.80	15.50
	256QAM	1	0	13.96	14.07	13.99	15.50
		1	50	14.00	14.04	14.10	15.50
1		99	14.20	14.13	14.23	15.50	
50		0	13.87	13.91	13.78	15.50	
50		25	13.90	13.92	13.90	15.50	
50		50	13.97	13.95	13.89	15.50	
100		0	13.78	13.87	13.72	15.50	



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LTE Band 4 DSI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	11.05	11.11	10.93	12.50
		1	2	10.97	11.06	10.97	12.50
		1	5	11.12	11.15	11.16	12.50
		3	0	10.92	10.83	10.70	12.50
		3	2	10.90	10.91	10.81	12.50
		3	3	10.89	10.83	10.99	12.50
		6	0	10.83	10.77	10.66	12.50
	16QAM	1	0	11.17	11.00	11.01	12.50
		1	2	11.06	11.05	11.02	12.50
		1	5	11.17	11.05	11.16	12.50
		3	0	10.75	10.76	10.87	12.50
		3	2	11.01	10.90	10.92	12.50
		3	3	10.90	10.79	10.80	12.50
		6	0	10.81	10.84	10.82	12.50
	64QAM	1	0	10.98	11.05	11.08	12.50
		1	2	11.02	11.03	11.00	12.50
		1	5	11.16	11.07	11.21	12.50
		3	0	10.80	10.88	10.67	12.50
		3	2	10.91	10.92	10.85	12.50
		3	3	10.90	10.85	10.85	12.50
		6	0	10.93	10.92	10.82	12.50
	256QAM	1	0	10.95	11.05	10.94	12.50
		1	2	10.97	11.09	11.08	12.50
		1	5	11.19	11.18	11.26	12.50
		3	0	10.90	10.92	10.75	12.50
		3	2	10.89	10.87	10.86	12.50
		3	3	11.00	10.94	10.87	12.50
		6	0	10.82	10.92	10.67	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	11.04	11.12	10.95	12.50
		1	7	10.94	11.10	10.95	12.50
		1	14	11.13	11.11	11.16	12.50
		8	0	10.96	10.87	10.70	12.50
		8	4	10.94	10.92	10.88	12.50
						19965	20175



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		8	7	10.86	10.81	11.00	12.50	
		15	0	10.79	10.79	10.72	12.50	
	16QAM	1	0	11.13	11.02	11.06	12.50	
		1	7	11.08	11.04	10.98	12.50	
		1	14	11.20	11.02	11.10	12.50	
		8	0	10.80	10.86	10.88	12.50	
		8	4	11.01	10.92	10.86	12.50	
		8	7	10.86	10.86	10.88	12.50	
		15	0	10.85	10.85	10.88	12.50	
		64QAM	1	0	11.06	11.02	11.03	12.50
	1		7	11.12	10.99	10.98	12.50	
	1		14	11.12	11.09	11.20	12.50	
	8		0	10.86	10.90	10.73	12.50	
	8		4	10.92	10.90	10.91	12.50	
	8		7	10.83	10.91	10.88	12.50	
	15		0	10.95	10.95	10.77	12.50	
	256QAM	1	0	10.92	11.10	11.01	12.50	
		1	7	11.05	11.07	11.11	12.50	
		1	14	11.18	11.14	11.21	12.50	
		8	0	10.84	10.95	10.81	12.50	
		8	4	10.92	10.92	10.92	12.50	
		8	7	10.93	10.96	10.93	12.50	
		15	0	10.78	10.88	10.73	12.50	
	Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
	5MHz	QPSK	1	0	11.10	11.09	10.93	12.50
			1	13	10.96	11.08	10.99	12.50
			1	24	11.10	11.11	11.19	12.50
			12	0	10.96	10.84	10.66	12.50
12			6	10.95	10.90	10.80	12.50	
12			13	10.84	10.87	10.91	12.50	
25			0	10.81	10.78	10.66	12.50	
16QAM		1	0	11.10	11.00	11.05	12.50	
		1	13	11.00	10.98	10.96	12.50	
		1	24	11.19	11.09	11.17	12.50	
		12	0	10.77	10.78	10.81	12.50	
		12	6	11.00	10.91	10.92	12.50	
		12	13	10.94	10.86	10.88	12.50	
		25	0	10.85	10.89	10.84	12.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
10MHz	64QAM	1	0	11.04	11.04	11.01	12.50	
		1	13	11.06	11.02	10.98	12.50	
		1	24	11.16	11.03	11.18	12.50	
		12	0	10.82	10.92	10.68	12.50	
		12	6	10.91	10.85	10.88	12.50	
		12	13	10.87	10.90	10.88	12.50	
		25	0	10.91	10.85	10.83	12.50	
	256QAM	1	0	10.98	11.09	11.02	12.50	
		1	13	10.98	11.08	11.13	12.50	
		1	24	11.15	11.18	11.25	12.50	
		12	0	10.87	10.89	10.81	12.50	
		12	6	10.87	10.87	10.87	12.50	
		12	13	10.95	10.97	10.91	12.50	
		25	0	10.78	10.85	10.73	12.50	
	10MHz	QPSK	1	0	11.12	11.06	10.97	12.50
			1	25	10.96	11.12	11.03	12.50
			1	49	11.15	11.11	11.15	12.50
			25	0	10.90	10.87	10.66	12.50
			25	13	11.00	10.87	10.85	12.50
			25	25	10.81	10.80	10.99	12.50
			50	0	10.77	10.83	10.66	12.50
		16QAM	1	0	11.12	10.99	11.01	12.50
			1	25	11.09	11.02	10.98	12.50
			1	49	11.22	10.99	11.16	12.50
			25	0	10.85	10.84	10.82	12.50
			25	13	11.08	10.91	10.91	12.50
			25	25	10.89	10.82	10.87	12.50
			50	0	10.85	10.89	10.85	12.50
64QAM		1	0	11.04	11.08	11.06	12.50	
		1	25	11.10	10.99	10.98	12.50	
		1	49	11.12	11.07	11.17	12.50	
		25	0	10.79	10.92	10.74	12.50	
		25	13	10.87	10.87	10.84	12.50	
		25	25	10.84	10.86	10.81	12.50	
		50	0	10.94	10.86	10.76	12.50	
256QAM		1	0	11.00	11.07	10.95	12.50	
		1	25	10.97	11.01	11.10	12.50	



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				20025	20175	20325		
15MHz	QPSK	1	49	11.19	11.15	11.27	12.50	
		25	0	10.88	10.95	10.75	12.50	
		25	13	10.95	10.95	10.92	12.50	
		25	25	10.93	10.94	10.84	12.50	
		50	0	10.78	10.85	10.67	12.50	
		16QAM	1	0	11.12	11.04	10.93	12.50
			1	38	10.94	11.06	11.00	12.50
	1		74	11.06	11.11	11.11	12.50	
	36		0	10.94	10.79	10.67	12.50	
	36		18	10.91	10.90	10.87	12.50	
	36		39	10.87	10.84	10.98	12.50	
	75		0	10.74	10.76	10.70	12.50	
	64QAM	1	0	11.12	10.92	11.06	12.50	
		1	38	11.03	10.99	11.00	12.50	
		1	74	11.18	11.06	11.10	12.50	
		36	0	10.75	10.80	10.86	12.50	
		36	18	11.06	10.89	10.92	12.50	
		36	39	10.87	10.79	10.79	12.50	
		75	0	10.84	10.87	10.81	12.50	
	256QAM	1	0	11.05	10.98	11.05	12.50	
		1	38	11.03	11.06	10.98	12.50	
		1	74	11.09	11.00	11.20	12.50	
		36	0	10.81	10.91	10.73	12.50	
		36	18	10.89	10.92	10.90	12.50	
		36	39	10.83	10.93	10.83	12.50	
		75	0	10.89	10.88	10.84	12.50	
	20MHz	QPSK	1	0	11.07	11.04	10.98	12.50
			1	50	11.00	11.14	11.03	12.50



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		1	99	11.12	11.09	11.13	12.50
		50	0	10.96	10.87	10.75	12.50
		50	25	10.92	10.91	10.87	12.50
		50	50	10.83	10.88	11.01	12.50
		100	0	10.78	10.73	10.66	12.50
	16QAM	1	0	11.18	10.94	11.03	12.50
		1	50	11.02	11.03	10.97	12.50
		1	99	11.18	11.00	11.17	12.50
		50	0	10.78	10.83	10.82	12.50
		50	25	11.03	10.93	10.84	12.50
		50	50	10.95	10.87	10.86	12.50
		100	0	10.80	10.86	10.80	12.50
	64QAM	1	0	11.05	11.08	11.05	12.50
		1	50	11.10	11.04	10.98	12.50
		1	99	11.15	11.07	11.17	12.50
		50	0	10.81	10.94	10.73	12.50
		50	25	10.86	10.85	10.94	12.50
		50	50	10.93	10.84	10.82	12.50
		100	0	10.95	10.87	10.83	12.50
	256QAM	1	0	10.98	11.06	11.04	12.50
		1	50	10.95	11.00	11.06	12.50
1		99	11.21	11.16	11.27	12.50	
50		0	10.84	10.86	10.74	12.50	
50		25	10.88	10.95	10.88	12.50	
50		50	10.97	10.92	10.91	12.50	
100		0	10.74	10.84	10.71	12.50	



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LTE Band 4 DSI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.87	22.85	22.90	24.50
		1	2	22.91	22.90	22.97	24.50
		1	5	22.76	22.84	22.83	24.50
		3	0	23.01	22.94	23.01	24.50
		3	2	23.06	23.00	23.09	24.50
		3	3	23.06	22.97	23.04	24.50
		6	0	22.00	22.03	21.98	23.50
	16QAM	1	0	21.93	21.95	21.94	23.50
		1	2	22.07	22.02	22.09	23.50
		1	5	22.06	21.96	21.94	23.50
		3	0	21.95	22.05	22.12	23.50
		3	2	21.94	22.02	22.05	23.50
		3	3	21.96	21.96	22.00	23.50
		6	0	20.85	20.92	20.99	22.50
	64QAM	1	0	20.79	20.86	20.77	22.50
		1	2	21.00	20.91	20.90	22.50
		1	5	20.80	20.80	20.84	22.50
		3	0	20.76	20.86	20.95	22.50
		3	2	20.81	20.89	20.81	22.50
		3	3	20.85	20.84	20.92	22.50
		6	0	20.04	19.97	20.02	21.50
	256QAM	1	0	17.86	17.81	17.83	19.50
		1	2	18.04	17.98	17.88	19.50
		1	5	17.88	17.91	17.83	19.50
		3	0	17.76	17.74	17.92	19.50
		3	2	17.90	17.89	17.93	19.50
		3	3	17.88	17.79	17.98	19.50
		6	0	17.83	17.90	17.94	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.81	22.68	22.69	24.50
		1	7	22.71	22.75	22.75	24.50
		1	14	22.86	22.64	22.72	24.50
		8	0	21.62	21.68	21.69	23.50
		8	4	21.87	21.75	21.76	23.50



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	16QAM	8	7	21.81	21.76	21.93	23.50	
		15	0	21.62	21.80	21.73	23.50	
		1	0	22.00	21.91	21.92	23.50	
		1	7	21.77	21.82	21.88	23.50	
		1	14	21.89	21.82	21.78	23.50	
		8	0	20.67	20.69	20.76	22.50	
		8	4	20.71	20.85	20.94	22.50	
		8	7	20.84	20.80	20.75	22.50	
	64QAM	15	0	20.74	20.79	20.63	22.50	
		1	0	20.85	20.87	20.81	22.50	
		1	7	20.76	20.98	20.88	22.50	
		1	14	20.90	20.93	20.87	22.50	
		8	0	19.69	19.89	19.84	21.50	
		8	4	19.96	19.77	19.88	21.50	
		8	7	19.83	19.89	19.70	21.50	
		15	0	19.80	19.68	19.61	21.50	
	256QAM	1	0	17.84	17.88	17.83	19.50	
		1	7	18.08	18.03	17.96	19.50	
		1	14	17.91	17.82	17.95	19.50	
		8	0	17.92	17.78	17.75	19.50	
		8	4	18.05	17.94	17.88	19.50	
		8	7	17.92	17.96	17.82	19.50	
		15	0	17.86	17.78	17.94	19.50	
		Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375
	5MHz	QPSK	1	0	22.83	22.67	22.81	24.50
			1	13	22.61	22.63	22.72	24.50
			1	24	22.81	22.66	22.68	24.50
			12	0	21.77	21.72	21.57	23.50
12			6	21.68	21.63	21.82	23.50	
12			13	21.85	21.86	21.82	23.50	
25			0	21.65	21.67	21.59	23.50	
16QAM		1	0	21.89	21.93	21.92	23.50	
		1	13	21.77	21.91	21.74	23.50	
		1	24	21.80	21.88	21.94	23.50	
		12	0	20.76	20.69	20.72	22.50	
		12	6	20.81	20.86	20.91	22.50	
		12	13	20.95	20.88	20.75	22.50	
		25	0	20.66	20.61	20.69	22.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
10MHz	64QAM	1	0	20.81	20.95	20.70	22.50	
		1	13	20.84	20.93	20.94	22.50	
		1	24	20.84	20.82	20.90	22.50	
		12	0	19.84	19.72	19.76	21.50	
		12	6	19.82	19.89	19.95	21.50	
		12	13	19.88	19.76	19.85	21.50	
		25	0	19.84	19.82	19.75	21.50	
	256QAM	1	0	17.90	17.93	17.83	19.50	
		1	13	18.02	17.90	17.89	19.50	
		1	24	17.82	17.91	17.95	19.50	
		12	0	17.91	17.94	17.89	19.50	
		12	6	17.90	17.90	17.86	19.50	
		12	13	17.99	17.90	17.95	19.50	
		25	0	17.92	17.95	17.90	19.50	
	10MHz	QPSK	1	0	22.69	22.64	22.82	24.50
			1	25	22.68	22.70	22.69	24.50
			1	49	22.80	22.61	22.62	24.50
			25	0	21.79	21.68	21.69	23.50
			25	13	21.75	21.80	21.78	23.50
			25	25	21.94	21.67	21.86	23.50
			50	0	21.73	21.65	21.59	23.50
		16QAM	1	0	21.87	21.80	21.83	23.50
			1	25	21.80	21.84	21.72	23.50
			1	49	21.92	21.94	21.96	23.50
			25	0	20.77	20.84	20.78	22.50
			25	13	20.71	20.79	20.86	22.50
			25	25	20.94	20.78	20.88	22.50
			50	0	20.66	20.68	20.75	22.50
64QAM		1	0	20.83	20.93	20.70	22.50	
		1	25	20.81	20.87	20.94	22.50	
		1	49	20.84	20.90	20.75	22.50	
		25	0	19.85	19.87	19.89	21.50	
		25	13	19.93	19.89	19.81	21.50	
		25	25	19.88	19.82	19.83	21.50	
		50	0	19.82	19.85	19.66	21.50	
256QAM		1	0	18.00	17.90	17.97	19.50	
		1	25	18.08	17.98	18.00	19.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	QPSK	1	49	17.81	17.86	17.99	19.50	
		25	0	17.77	17.93	17.73	19.50	
		25	13	18.03	17.81	17.80	19.50	
		25	25	17.83	17.91	18.01	19.50	
		50	0	17.89	17.83	17.90	19.50	
		16QAM	1	0	22.72	22.64	22.74	24.50
			1	38	22.71	22.79	22.69	24.50
	1		74	22.77	22.67	22.58	24.50	
	36		0	21.61	21.67	21.68	23.50	
	36		18	21.88	21.72	21.68	23.50	
	36		39	21.81	21.78	21.93	23.50	
	75		0	21.71	21.84	21.75	23.50	
	64QAM	1	0	22.02	21.83	21.84	23.50	
		1	38	21.80	21.79	21.74	23.50	
		1	74	21.95	21.85	21.97	23.50	
		36	0	20.64	20.83	20.85	22.50	
		36	18	20.63	20.84	20.80	22.50	
		36	39	20.88	20.73	20.83	22.50	
		75	0	20.74	20.61	20.69	22.50	
	256QAM	1	0	20.88	20.91	20.77	22.50	
		1	38	20.75	20.80	20.87	22.50	
		1	74	21.03	20.99	20.88	22.50	
		36	0	19.80	19.87	19.75	21.50	
		36	18	19.92	19.90	19.90	21.50	
		36	39	19.93	19.81	19.77	21.50	
		75	0	19.75	19.79	19.62	21.50	
	20MHz	QPSK	1	0	17.89	17.89	17.95	19.50
			1	50	17.90	17.95	17.99	19.50



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		1	99	22.76	22.70	22.65	24.50
		50	0	21.69	21.69	21.59	23.50
		50	25	21.78	21.73	21.78	23.50
		50	50	21.85	21.76	21.86	23.50
		100	0	21.69	21.75	21.65	23.50
	16QAM	1	0	21.93	21.85	21.93	23.50
		1	50	21.84	21.89	21.82	23.50
		1	99	21.88	21.90	21.87	23.50
		50	0	20.72	20.75	20.82	22.50
		50	25	20.72	20.77	20.84	22.50
		50	50	20.87	20.78	20.80	22.50
		100	0	20.66	20.71	20.67	22.50
	64QAM	1	0	20.82	20.86	20.80	22.50
		1	50	20.85	20.90	20.94	22.50
		1	99	20.94	20.92	20.85	22.50
		50	0	19.75	19.82	19.83	21.50
		50	25	19.88	19.81	19.86	21.50
		50	50	19.83	19.80	19.80	21.50
		100	0	19.84	19.77	19.67	21.50
	256QAM	1	0	17.92	17.91	17.90	19.50
		1	50	18.00	17.94	17.92	19.50
		1	99	17.89	17.89	17.89	19.50
		50	0	17.86	17.84	17.79	19.50
		50	25	17.96	17.90	17.80	19.50
50		50	17.93	17.89	17.92	19.50	
100		0	17.89	17.88	17.97	19.50	



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LTE Band 4 DSI 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.55	19.47	19.42	21.00
		1	2	19.62	19.47	19.55	21.00
		1	5	19.63	19.54	19.64	21.00
		3	0	19.45	19.42	19.18	21.00
		3	2	19.49	19.44	19.44	21.00
		3	3	19.33	19.48	19.46	21.00
		6	0	19.31	19.39	19.25	21.00
	16QAM	1	0	19.48	19.64	19.48	21.00
		1	2	19.55	19.53	19.52	21.00
		1	5	19.56	19.61	19.55	21.00
		3	0	19.39	19.25	19.22	21.00
		3	2	19.42	19.43	19.49	21.00
		3	3	19.48	19.57	19.36	21.00
		6	0	19.32	19.25	19.42	21.00
	64QAM	1	0	19.52	19.51	19.50	21.00
		1	2	19.51	19.60	19.58	21.00
		1	5	19.51	19.72	19.54	21.00
		3	0	19.25	19.31	19.35	21.00
		3	2	19.37	19.49	19.62	21.00
		3	3	19.44	19.56	19.34	21.00
		6	0	19.32	19.31	19.43	21.00
	256QAM	1	0	17.90	17.89	17.96	19.50
		1	2	18.03	17.91	18.01	19.50
		1	5	17.92	17.92	17.91	19.50
		3	0	17.79	17.92	17.69	19.50
		3	2	17.81	17.84	17.68	19.50
		3	3	17.85	18.01	18.02	19.50
		6	0	17.77	18.04	18.03	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK			19965	20175	20385	
		1	0	19.46	19.46	19.43	21.00
		1	7	19.50	19.63	19.46	21.00
		1	14	19.69	19.58	19.72	21.00
		8	0	19.28	19.31	19.33	21.00
		8	4	19.47	19.35	19.41	21.00



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		8	7	19.34	19.38	19.45	21.00
		15	0	19.25	19.44	19.32	21.00
	16QAM	1	0	19.36	19.51	19.46	21.00
		1	7	19.56	19.48	19.60	21.00
		1	14	19.63	19.66	19.62	21.00
		8	0	19.44	19.35	19.30	21.00
		8	4	19.41	19.52	19.42	21.00
		8	7	19.45	19.48	19.51	21.00
		15	0	19.48	19.28	19.48	21.00
		64QAM	1	0	19.45	19.67	19.65
	1		7	19.50	19.63	19.58	21.00
	1		14	19.52	19.55	19.51	21.00
	8		0	19.37	19.25	19.35	21.00
	8		4	19.42	19.44	19.61	21.00
	8		7	19.44	19.42	19.37	21.00
	15		0	19.43	19.30	19.33	21.00
	256QAM	1	0	17.87	18.06	17.91	19.50
		1	7	18.06	17.96	17.99	19.50
		1	14	17.88	17.98	17.90	19.50
		8	0	17.76	17.85	17.76	19.50
		8	4	17.83	17.94	17.65	19.50
		8	7	17.95	17.98	17.89	19.50
		15	0	17.82	18.03	17.98	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.57	19.57	19.43	21.00
		1	13	19.60	19.62	19.45	21.00
		1	24	19.68	19.50	19.70	21.00
		12	0	19.41	19.45	19.29	21.00
		12	6	19.46	19.38	19.39	21.00
		12	13	19.34	19.46	19.43	21.00
		25	0	19.29	19.44	19.35	21.00
	16QAM	1	0	19.39	19.53	19.51	21.00
		1	13	19.52	19.48	19.47	21.00
		1	24	19.47	19.71	19.60	21.00
		12	0	19.42	19.22	19.25	21.00
		12	6	19.38	19.51	19.42	21.00
		12	13	19.45	19.48	19.38	21.00
		25	0	19.41	19.30	19.41	21.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
10MHz	64QAM	1	0	19.53	19.57	19.60	21.00	
		1	13	19.42	19.55	19.56	21.00	
		1	24	19.61	19.61	19.62	21.00	
		12	0	19.35	19.38	19.37	21.00	
		12	6	19.37	19.55	19.47	21.00	
		12	13	19.28	19.49	19.39	21.00	
		25	0	19.46	19.40	19.41	21.00	
	256QAM	1	0	17.94	17.93	17.92	19.50	
		1	13	18.00	17.96	17.95	19.50	
		1	24	17.85	18.03	17.88	19.50	
		12	0	17.86	17.92	17.62	19.50	
		12	6	17.77	17.83	17.81	19.50	
		12	13	17.77	17.87	17.97	19.50	
		25	0	17.78	18.05	17.95	19.50	
	10MHz	QPSK	1	0	19.65	19.51	19.61	21.00
			1	25	19.55	19.58	19.50	21.00
			1	49	19.74	19.51	19.75	21.00
			25	0	19.31	19.42	19.30	21.00
			25	13	19.48	19.48	19.35	21.00
			25	25	19.46	19.51	19.49	21.00
			50	0	19.27	19.29	19.21	21.00
		16QAM	1	0	19.33	19.67	19.54	21.00
			1	25	19.40	19.66	19.46	21.00
			1	49	19.62	19.61	19.58	21.00
			25	0	19.54	19.32	19.24	21.00
			25	13	19.56	19.48	19.52	21.00
			25	25	19.54	19.52	19.43	21.00
			50	0	19.49	19.39	19.51	21.00
64QAM		1	0	19.34	19.55	19.55	21.00	
		1	25	19.44	19.72	19.52	21.00	
		1	49	19.67	19.60	19.60	21.00	
		25	0	19.25	19.30	19.21	21.00	
		25	13	19.44	19.57	19.57	21.00	
		25	25	19.39	19.60	19.27	21.00	
		50	0	19.41	19.40	19.42	21.00	
256QAM		1	0	17.82	18.06	17.99	19.50	
		1	25	18.00	17.83	17.89	19.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	QPSK	1	49	17.79	18.07	17.86	19.50	
		25	0	17.77	17.95	17.73	19.50	
		25	13	17.80	17.89	17.63	19.50	
		25	25	17.87	17.92	17.95	19.50	
		50	0	17.92	17.90	17.96	19.50	
		16QAM	1	0	19.48	19.53	19.50	21.00
			1	38	19.55	19.55	19.57	21.00
	1		74	19.71	19.56	19.73	21.00	
	36		0	19.36	19.47	19.24	21.00	
	36		18	19.53	19.38	19.40	21.00	
	36		39	19.42	19.34	19.46	21.00	
	75		0	19.30	19.27	19.37	21.00	
	64QAM	1	0	19.50	19.65	19.44	21.00	
		1	38	19.56	19.64	19.64	21.00	
		1	74	19.59	19.64	19.57	21.00	
		36	0	19.34	19.25	19.23	21.00	
		36	18	19.56	19.52	19.43	21.00	
		36	39	19.55	19.45	19.44	21.00	
		75	0	19.49	19.27	19.51	21.00	
	256QAM	1	0	17.93	18.02	18.05	19.50	
		1	38	17.99	17.86	17.99	19.50	
		1	74	17.75	17.96	18.02	19.50	
		36	0	17.93	17.81	17.61	19.50	
		36	18	17.88	17.98	17.75	19.50	
		36	39	17.89	17.87	17.99	19.50	
		75	0	17.92	18.05	18.09	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20050	20175	20300	
20MHz	QPSK	1	0	19.55	19.52	19.52	21.00	
		1	50	19.52	19.54	19.53	21.00	



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		1	99	19.64	19.58	19.67	21.00
		50	0	19.37	19.38	19.28	21.00
		50	25	19.45	19.43	19.40	21.00
		50	50	19.42	19.41	19.42	21.00
		100	0	19.35	19.36	19.27	21.00
	16QAM	1	0	19.42	19.61	19.44	21.00
		1	50	19.50	19.57	19.54	21.00
		1	99	19.53	19.67	19.61	21.00
		50	0	19.44	19.28	19.28	21.00
		50	25	19.46	19.45	19.43	21.00
		50	50	19.48	19.50	19.42	21.00
		100	0	19.40	19.35	19.45	21.00
	64QAM	1	0	19.43	19.61	19.60	21.00
		1	50	19.45	19.64	19.50	21.00
		1	99	19.60	19.64	19.58	21.00
		50	0	19.33	19.32	19.29	21.00
		50	25	19.34	19.50	19.52	21.00
		50	50	19.37	19.51	19.36	21.00
		100	0	19.36	19.35	19.36	21.00
	256QAM	1	0	17.87	17.97	17.99	19.50
		1	50	18.09	17.87	17.94	19.50
1		99	17.84	17.99	17.95	19.50	
50		0	17.84	17.91	17.71	19.50	
50		25	17.86	17.93	17.71	19.50	
50		50	17.85	17.91	17.99	19.50	
100		0	17.84	17.97	18.05	19.50	



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