

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

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

Report No.: SZCR240700286108

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Bandwidth	Modulation	25	25	18.43	18.54	18.48	20.00
		50	0	18.48	18.57	18.60	20.00
		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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7.3 Conducted Power of LTE Uplink CA (Ant11)

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	16.31	16.15	16.21	17.50
		1	2	16.35	16.22	16.22	17.50
		1	5	16.22	16.36	16.01	17.50
		3	0	16.20	16.35	16.14	17.50
		3	2	16.37	16.26	16.35	17.50
		3	3	16.07	16.18	16.19	17.50
		6	0	16.14	16.04	16.12	17.50
	16QAM	1	0	16.02	16.16	16.13	17.50
		1	2	15.93	16.01	15.98	17.50
		1	5	15.79	16.24	16.08	17.50
		3	0	16.14	16.24	16.25	17.50
		3	2	16.08	16.30	16.24	17.50
		3	3	16.34	16.31	15.95	17.50
		6	0	16.25	16.36	16.20	17.50
	64QAM	1	0	15.80	15.94	15.80	17.50
		1	2	15.72	15.95	15.78	17.50
		1	5	15.94	15.90	15.89	17.50
		3	0	16.11	16.15	15.99	17.50
		3	2	16.33	16.33	16.21	17.50
		3	3	16.21	16.10	16.20	17.50
		6	0	16.28	16.07	16.41	17.50
	256QAM	1	0	16.18	16.14	16.16	17.50
		1	2	16.29	16.24	16.36	17.50
		1	5	16.36	16.13	16.28	17.50
		3	0	16.23	16.30	16.34	17.50
		3	2	16.35	16.23	16.43	17.50
		3	3	16.30	16.32	16.22	17.50
		6	0	16.26	16.31	16.40	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	16.35	16.36	16.17	17.50
		1	7	16.17	16.15	16.27	17.50
		1	14	16.08	16.26	16.01	17.50
		8	0	16.21	16.13	16.17	17.50
		8	4	16.20	16.30	16.26	17.50



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		8	7	16.12	16.05	16.11	17.50
		15	0	16.19	16.32	16.40	17.50
	16QAM	1	0	16.01	16.15	15.86	17.50
		1	7	16.16	15.97	16.10	17.50
		1	14	16.04	16.15	15.87	17.50
		8	0	16.15	16.25	16.10	17.50
		8	4	16.26	16.27	16.16	17.50
		8	7	16.12	16.24	16.05	17.50
		15	0	16.21	16.25	16.15	17.50
		64QAM	1	0	15.94	15.98	15.73
	1		7	15.89	15.92	15.83	17.50
	1		14	15.88	15.93	15.82	17.50
	8		0	16.17	16.08	16.19	17.50
	8		4	16.17	16.17	16.12	17.50
	8		7	16.26	16.28	16.16	17.50
	15		0	16.28	16.12	16.21	17.50
	256QAM	1	0	16.22	16.19	16.42	17.50
		1	7	16.42	16.37	16.15	17.50
		1	14	16.39	16.13	16.35	17.50
		8	0	16.09	16.29	16.34	17.50
		8	4	16.40	16.19	16.21	17.50
		8	7	16.25	16.27	16.25	17.50
		15	0	16.39	16.29	16.41	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	16.12	16.20	16.10	17.50
		1	13	16.20	16.27	16.05	17.50
		1	24	16.08	16.39	16.11	17.50
		12	0	15.99	16.45	16.17	17.50
		12	6	16.19	16.31	16.33	17.50
		12	13	16.34	16.30	16.17	17.50
		25	0	16.21	16.30	16.26	17.50
		25	0	16.21	16.30	16.26	17.50
	16QAM	1	0	16.01	16.21	16.08	17.50
		1	13	16.02	16.04	15.80	17.50
		1	24	15.95	16.22	15.95	17.50
		12	0	15.93	16.16	16.37	17.50
		12	6	16.21	16.24	16.17	17.50
		12	13	16.22	16.26	16.24	17.50
		25	0	16.12	16.19	16.38	17.50
		25	0	16.12	16.19	16.38	17.50
	64QAM	1	0	15.67	16.09	15.79	17.50



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		1	13	15.73	15.86	15.73	17.50
		1	24	16.06	16.02	16.02	17.50
		12	0	16.11	16.14	16.10	17.50
		12	6	16.20	16.24	16.17	17.50
		12	13	16.22	16.11	16.10	17.50
		25	0	16.17	16.23	16.15	17.50
	256QAM	1	0	16.21	16.25	16.30	17.50
		1	13	16.03	16.35	16.00	17.50
		1	24	16.42	16.18	16.29	17.50
		12	0	16.41	16.27	16.18	17.50
		12	6	16.38	16.19	16.32	17.50
		12	13	16.43	16.24	16.20	17.50
		25	0	16.37	16.32	16.38	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	16.07	16.47	16.07	17.50
		1	25	16.25	16.17	16.09	17.50
		1	49	16.02	16.20	16.06	17.50
		25	0	16.11	16.18	16.35	17.50
		25	13	16.24	16.15	16.22	17.50
		25	25	16.40	16.17	16.18	17.50
		50	0	16.37	16.24	16.34	17.50
	16QAM	1	0	16.05	16.20	16.00	17.50
		1	25	15.95	15.98	16.03	17.50
		1	49	15.96	16.16	16.11	17.50
		25	0	16.21	16.25	16.35	17.50
		25	13	16.17	16.17	16.30	17.50
		25	25	16.06	16.14	16.05	17.50
		50	0	16.26	16.23	16.24	17.50
	64QAM	1	0	15.87	15.88	15.78	17.50
		1	25	15.89	15.92	15.79	17.50
		1	49	15.89	15.95	15.91	17.50
		25	0	15.97	16.20	16.07	17.50
		25	13	16.09	16.09	16.23	17.50
		25	25	16.28	16.07	16.25	17.50
		50	0	16.32	16.24	16.16	17.50
	256QAM	1	0	16.22	16.40	16.22	17.50
		1	25	16.15	16.32	16.06	17.50
		1	49	16.28	16.31	16.29	17.50
		25	0	16.12	16.25	16.21	17.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	QPSK	25	13	16.38	16.32	16.22	17.50	
		25	25	16.28	16.35	16.35	17.50	
		50	0	16.30	16.26	16.42	17.50	
		1	0	16.19	16.42	16.14	17.50	
		1	38	16.09	16.19	16.12	17.50	
		1	74	16.06	16.34	16.26	17.50	
		36	0	16.11	16.16	16.25	17.50	
	36	18	16.33	16.24	16.28	17.50		
	36	39	16.15	16.29	16.21	17.50		
	75	0	16.17	16.12	16.21	17.50		
	16QAM	1	0	15.95	15.98	16.04	17.50	
		1	38	16.03	15.97	16.01	17.50	
		1	74	15.94	16.18	16.07	17.50	
		36	0	16.10	15.97	16.12	17.50	
		36	18	16.16	16.17	16.07	17.50	
		36	39	16.03	16.16	16.03	17.50	
		75	0	15.99	16.16	16.15	17.50	
	64QAM	1	0	15.99	15.82	15.72	17.50	
		1	38	15.79	15.78	15.86	17.50	
		1	74	15.90	15.98	15.89	17.50	
		36	0	16.09	16.14	16.35	17.50	
		36	18	16.20	16.22	16.18	17.50	
		36	39	16.08	16.28	16.06	17.50	
		75	0	16.26	16.23	16.08	17.50	
	256QAM	1	0	16.21	16.24	16.40	17.50	
		1	38	16.23	16.16	16.10	17.50	
		1	74	16.47	16.23	16.21	17.50	
		36	0	16.27	16.34	16.20	17.50	
		36	18	16.36	16.40	16.33	17.50	
		36	39	16.31	16.39	16.29	17.50	
		75	0	16.41	16.23	16.18	17.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20050	20175	20300	
	20MHz	QPSK	1	0	16.20	16.31	16.15	17.50
			1	50	16.26	16.33	16.11	17.50
			1	99	16.16	16.31	16.03	17.50
50			0	16.13	16.32	16.18	17.50	
50			25	16.27	16.16	16.31	17.50	



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		50	50	16.20	16.21	16.11	17.50
		100	0	16.15	16.00	16.27	17.50
16QAM	1	0	16.08	16.20	16.10	17.50	
	1	50	15.84	16.07	16.07	17.50	
	1	99	15.96	16.10	15.96	17.50	
	50	0	16.02	16.14	16.33	17.50	
	50	25	16.18	16.27	16.23	17.50	
	50	50	16.18	16.20	16.08	17.50	
	100	0	16.13	16.23	16.19	17.50	
	1	0	15.85	16.07	15.90	17.50	
64QAM	1	50	15.70	15.89	15.90	17.50	
	1	99	15.97	15.94	15.84	17.50	
	50	0	16.06	16.15	16.12	17.50	
	50	25	16.24	16.35	16.24	17.50	
	50	50	16.20	16.18	16.04	17.50	
	100	0	16.08	16.24	16.06	17.50	
	1	0	16.11	16.33	16.35	17.50	
256QAM	1	50	16.26	16.24	16.08	17.50	
	1	99	16.40	16.22	16.28	17.50	
	50	0	16.26	16.26	16.29	17.50	
	50	25	16.52	16.41	16.23	17.50	
	50	50	16.41	16.28	16.30	17.50	
	100	0	16.37	16.47	16.22	17.50	



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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	13.31	13.18	13.17	14.50
		1	2	13.30	13.28	13.15	14.50
		1	5	13.25	13.35	13.12	14.50
		3	0	13.19	13.39	13.16	14.50
		3	2	13.38	13.30	13.33	14.50
		3	3	13.01	13.20	13.22	14.50
		6	0	13.11	13.01	13.22	14.50
	16QAM	1	0	13.03	13.14	13.21	14.50
		1	2	12.97	13.09	13.04	14.50
		1	5	12.79	13.13	13.08	14.50
		3	0	13.20	13.12	13.22	14.50
		3	2	12.98	13.22	13.26	14.50
		3	3	13.30	13.27	13.02	14.50
		6	0	13.24	13.31	13.25	14.50
	64QAM	1	0	12.70	12.97	12.80	14.50
		1	2	12.66	12.90	12.71	14.50
		1	5	12.89	12.89	12.95	14.50
		3	0	13.12	13.16	13.07	14.50
		3	2	13.28	13.41	13.20	14.50
		3	3	13.22	13.10	13.16	14.50
		6	0	13.23	13.08	13.43	14.50
	256QAM	1	0	13.21	13.24	13.06	14.50
		1	2	13.28	13.23	13.33	14.50
		1	5	13.38	13.04	13.24	14.50
3		0	13.26	13.18	13.27	14.50	
3		2	13.33	13.29	13.44	14.50	
3		3	13.22	13.37	13.32	14.50	
6		0	13.21	13.33	13.31	14.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	13.36	13.45	13.20	14.50
		1	7	13.23	13.21	13.27	14.50
		1	14	13.14	13.30	13.08	14.50
		8	0	13.16	13.01	13.17	14.50
		8	4	13.21	13.25	13.24	14.50
		8	7	13.14	13.12	13.04	14.50
						19965	20175



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		15	0	13.18	13.28	13.40	14.50
	16QAM	1	0	12.99	13.17	12.84	14.50
		1	7	13.15	12.91	13.13	14.50
		1	14	13.04	13.23	12.90	14.50
		8	0	13.07	13.28	13.21	14.50
		8	4	13.19	13.35	13.16	14.50
		8	7	13.07	13.25	13.11	14.50
		15	0	13.18	13.19	13.10	14.50
	64QAM	1	0	12.97	12.91	12.80	14.50
		1	7	12.85	12.97	12.84	14.50
		1	14	12.90	12.97	12.87	14.50
		8	0	13.20	13.10	13.22	14.50
		8	4	13.08	13.21	13.14	14.50
		8	7	13.25	13.19	13.05	14.50
		15	0	13.38	13.18	13.20	14.50
	256QAM	1	0	13.26	13.12	13.30	14.50
		1	7	13.30	13.34	13.08	14.50
		1	14	13.47	13.14	13.30	14.50
		8	0	13.05	13.35	13.35	14.50
		8	4	13.49	13.09	13.24	14.50
		8	7	13.32	13.32	13.21	14.50
		15	0	13.44	13.28	13.41	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	13.13	13.22	13.09	14.50
		1	13	13.17	13.23	13.06	14.50
		1	24	13.07	13.39	13.17	14.50
		12	0	13.00	13.44	13.16	14.50
		12	6	13.13	13.28	13.40	14.50
		12	13	13.34	13.25	13.22	14.50
		25	0	13.18	13.38	13.35	14.50
	16QAM	1	0	13.02	13.27	13.18	14.50
		1	13	13.00	13.05	12.83	14.50
		1	24	12.98	13.24	12.94	14.50
		12	0	12.97	13.22	13.44	14.50
		12	6	13.28	13.31	13.07	14.50
		12	13	13.15	13.20	13.27	14.50
		25	0	13.14	13.21	13.39	14.50
	64QAM	1	0	12.75	13.04	12.82	14.50
		1	13	12.84	12.81	12.70	14.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
10MHz	256QAM	1	24	12.97	13.01	12.91	14.50	
		12	0	13.06	13.08	13.03	14.50	
		12	6	13.18	13.22	13.15	14.50	
		12	13	13.26	13.13	13.20	14.50	
		25	0	13.24	13.11	13.14	14.50	
		1	0	13.23	13.17	13.22	14.50	
		1	13	13.04	13.41	13.01	14.50	
		1	24	13.45	13.12	13.31	14.50	
		12	0	13.38	13.26	13.25	14.50	
		12	6	13.34	13.21	13.32	14.50	
	12	13	13.37	13.26	13.15	14.50		
	25	0	13.41	13.32	13.38	14.50		
	QPSK	1	0	13.14	13.46	13.10	14.50	
		1	25	13.22	13.18	13.21	14.50	
		1	49	12.99	13.18	13.08	14.50	
		25	0	13.10	13.19	13.43	14.50	
		25	13	13.28	13.13	13.25	14.50	
		25	25	13.37	13.21	13.15	14.50	
		50	0	13.33	13.32	13.43	14.50	
		16QAM	1	0	13.06	13.16	13.07	14.50
			1	25	13.01	12.92	12.96	14.50
			1	49	12.91	13.15	13.07	14.50
			25	0	13.15	13.30	13.38	14.50
			25	13	13.22	13.15	13.32	14.50
			25	25	13.06	13.13	12.97	14.50
		64QAM	50	0	13.23	13.28	13.14	14.50
			1	0	12.88	12.80	12.80	14.50
			1	25	12.86	12.93	12.91	14.50
			1	49	12.99	12.89	12.91	14.50
			25	0	12.92	13.20	13.19	14.50
	25		13	13.07	13.06	13.21	14.50	
	256QAM	25	25	13.27	13.11	13.33	14.50	
		50	0	13.25	13.21	13.20	14.50	
		1	0	13.19	13.35	13.26	14.50	
		1	25	13.24	13.37	13.14	14.50	
		1	49	13.21	13.41	13.25	14.50	
		25	0	13.24	13.27	13.28	14.50	
	25	13	13.42	13.29	13.15	14.50		



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Bandwidth	Modulation	RB size	RB offset	25	25	13.19	13.37	13.37	14.50
				50	0	13.36	13.20	13.34	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20025	20175	20325			
15MHz	QPSK	1	0	13.21	13.40	13.22	14.50		
		1	38	13.11	13.15	13.24	14.50		
		1	74	13.10	13.32	13.20	14.50		
		36	0	13.16	13.12	13.17	14.50		
		36	18	13.38	13.20	13.25	14.50		
		36	39	13.21	13.30	13.25	14.50		
		75	0	13.15	13.04	13.21	14.50		
	16QAM	1	0	12.93	13.08	13.02	14.50		
		1	38	12.98	13.00	12.93	14.50		
		1	74	12.95	13.22	13.04	14.50		
		36	0	13.06	12.97	13.17	14.50		
		36	18	13.17	13.21	13.05	14.50		
		36	39	13.09	13.14	13.03	14.50		
		75	0	13.08	13.21	13.20	14.50		
	64QAM	1	0	13.00	12.85	12.67	14.50		
		1	38	12.69	12.84	12.78	14.50		
		1	74	12.95	12.96	12.85	14.50		
		36	0	13.11	13.10	13.36	14.50		
		36	18	13.24	13.14	13.18	14.50		
		36	39	13.10	13.30	13.08	14.50		
		75	0	13.35	13.14	13.06	14.50		
	256QAM	1	0	13.33	13.29	13.38	14.50		
		1	38	13.18	13.18	13.17	14.50		
		1	74	13.48	13.31	13.15	14.50		
		36	0	13.23	13.41	13.20	14.50		
		36	18	13.37	13.34	13.23	14.50		
		36	39	13.32	13.42	13.20	14.50		
		75	0	13.37	13.32	13.24	14.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20050	20175	20300			
20MHz	QPSK	1	0	13.11	13.29	13.13	14.50		
		1	50	13.20	13.36	13.14	14.50		
		1	99	13.16	13.26	13.05	14.50		
		50	0	13.17	13.27	13.19	14.50		
		50	25	13.31	13.22	13.28	14.50		
		50	50	13.18	13.15	13.18	14.50		



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		100	0	13.23	13.09	13.24	14.50
16QAM	1	0	13.06	13.18	13.07	14.50	
	1	50	12.89	13.00	13.16	14.50	
	1	99	12.88	13.08	13.00	14.50	
	50	0	13.09	13.17	13.31	14.50	
	50	25	13.23	13.32	13.20	14.50	
	50	50	13.23	13.21	13.13	14.50	
	100	0	13.13	13.22	13.24	14.50	
64QAM	1	0	12.85	13.01	12.91	14.50	
	1	50	12.77	12.80	12.89	14.50	
	1	99	13.04	12.93	12.87	14.50	
	50	0	13.07	13.04	13.15	14.50	
	50	25	13.20	13.29	13.22	14.50	
	50	50	13.20	13.21	13.03	14.50	
	100	0	13.12	13.25	13.08	14.50	
256QAM	1	0	13.15	13.34	13.32	14.50	
	1	50	13.36	13.15	13.01	14.50	
	1	99	13.40	13.19	13.26	14.50	
	50	0	13.21	13.31	13.32	14.50	
	50	25	13.42	13.32	13.28	14.50	
	50	50	13.40	13.26	13.38	14.50	
	100	0	13.36	13.42	13.22	14.50	



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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	22.66	22.73	22.67	24.00
		1	2	22.72	22.69	22.72	24.00
		1	5	22.61	22.83	22.62	24.00
		3	0	22.69	22.76	22.68	24.00
		3	2	22.81	22.74	22.80	24.00
		3	3	22.67	22.68	22.72	24.00
		6	0	21.67	21.63	21.72	23.00
	16QAM	1	0	21.50	21.54	21.63	23.00
		1	2	21.47	21.54	21.54	23.00
		1	5	21.43	21.63	21.49	23.00
		3	0	21.58	21.76	21.81	23.00
		3	2	21.69	21.77	21.78	23.00
		3	3	21.73	21.65	21.57	23.00
		6	0	20.65	20.77	20.66	22.00
	64QAM	1	0	20.24	20.40	20.28	22.00
		1	2	20.21	20.38	20.35	22.00
		1	5	20.43	20.49	20.43	22.00
		3	0	20.63	20.69	20.59	22.00
		3	2	20.80	20.76	20.75	22.00
		3	3	20.66	20.62	20.69	22.00
		6	0	19.70	19.61	19.78	21.00
	256QAM	1	0	17.65	17.74	17.69	19.00
		1	2	17.74	17.79	17.73	19.00
		1	5	17.84	17.67	17.74	19.00
3		0	17.68	17.83	17.72	19.00	
3		2	17.88	17.82	17.83	19.00	
3		3	17.80	17.88	17.77	19.00	
6		0	17.82	17.77	17.76	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.78	22.84	22.68	24.00
		1	7	22.76	22.71	22.66	24.00
		1	14	22.61	22.85	22.58	24.00
		8	0	21.62	21.69	21.69	23.00
		8	4	21.72	21.73	21.78	23.00
		8	7	21.76	21.64	21.60	23.00
						19965	20175



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		15	0	21.75	21.70	21.75	23.00
	16QAM	1	0	21.54	21.57	21.49	23.00
		1	7	21.55	21.57	21.57	23.00
		1	14	21.57	21.73	21.40	23.00
		8	0	20.65	20.68	20.75	22.00
		8	4	20.74	20.73	20.67	22.00
		8	7	20.59	20.67	20.53	22.00
		15	0	20.62	20.65	20.66	22.00
	64QAM	1	0	20.38	20.44	20.34	22.00
		1	7	20.35	20.37	20.38	22.00
		1	14	20.41	20.52	20.33	22.00
		8	0	19.53	19.67	19.63	21.00
		8	4	19.61	19.78	19.71	21.00
		8	7	19.71	19.66	19.60	21.00
		15	0	19.74	19.61	19.66	21.00
	256QAM	1	0	17.69	17.73	17.83	19.00
		1	7	17.78	17.74	17.61	19.00
		1	14	17.90	17.77	17.77	19.00
		8	0	17.73	17.82	17.78	19.00
		8	4	17.92	17.77	17.74	19.00
		8	7	17.76	17.87	17.70	19.00
		15	0	17.92	17.81	17.83	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.68	22.74	22.67	24.00
		1	13	22.70	22.81	22.71	24.00
		1	24	22.61	22.88	22.54	24.00
		12	0	21.58	21.81	21.75	23.00
		12	6	21.79	21.78	21.82	23.00
		12	13	21.83	21.77	21.72	23.00
		25	0	21.74	21.72	21.78	23.00
	16QAM	1	0	21.54	21.68	21.62	23.00
		1	13	21.45	21.57	21.47	23.00
		1	24	21.42	21.64	21.41	23.00
		12	0	20.52	20.60	20.83	22.00
		12	6	20.68	20.69	20.69	22.00
		12	13	20.74	20.69	20.61	22.00
		25	0	20.59	20.74	20.79	22.00
	64QAM	1	0	20.32	20.49	20.32	22.00
		1	13	20.30	20.39	20.32	22.00



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		1	24	20.39	20.54	20.45	22.00
		12	0	19.56	19.63	19.65	21.00
		12	6	19.66	19.77	19.66	21.00
		12	13	19.70	19.62	19.68	21.00
		25	0	19.74	19.67	19.64	21.00
	256QAM	1	0	17.70	17.66	17.70	19.00
		1	13	17.66	17.81	17.65	19.00
		1	24	17.87	17.65	17.75	19.00
		12	0	17.76	17.83	17.71	19.00
		12	6	17.92	17.81	17.85	19.00
		12	13	17.88	17.76	17.67	19.00
		25	0	17.80	17.78	17.76	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.65	22.80	22.59	24.00
		1	25	22.68	22.68	22.68	24.00
		1	49	22.60	22.75	22.68	24.00
		25	0	21.63	21.65	21.84	23.00
		25	13	21.73	21.64	21.75	23.00
		25	25	21.76	21.69	21.62	23.00
		50	0	21.77	21.74	21.75	23.00
	16QAM	1	0	21.46	21.61	21.58	23.00
		1	25	21.52	21.48	21.51	23.00
		1	49	21.41	21.69	21.47	23.00
		25	0	20.67	20.75	20.84	22.00
		25	13	20.76	20.68	20.73	22.00
		25	25	20.64	20.68	20.65	22.00
		50	0	20.70	20.77	20.67	22.00
	64QAM	1	0	20.33	20.37	20.31	22.00
		1	25	20.29	20.42	20.33	22.00
		1	49	20.42	20.45	20.48	22.00
		25	0	19.49	19.62	19.72	21.00
		25	13	19.63	19.65	19.71	21.00
		25	25	19.70	19.65	19.68	21.00
		50	0	19.74	19.71	19.75	21.00
	256QAM	1	0	17.61	17.75	17.78	19.00
		1	25	17.66	17.77	17.63	19.00
		1	49	17.81	17.80	17.77	19.00
		25	0	17.73	17.72	17.72	19.00
		25	13	17.92	17.86	17.71	19.00



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Bandwidth	Modulation	RB size	RB offset	25	25	17.78	17.76	17.73	19.00
				50	0	17.83	17.74	17.88	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20025	20175	20325			
15MHz	QPSK	1	0	22.71	22.81	22.75	24.00		
		1	38	22.62	22.70	22.70	24.00		
		1	74	22.59	22.79	22.59	24.00		
		36	0	21.66	21.72	21.84	23.00		
		36	18	21.82	21.70	21.80	23.00		
		36	39	21.73	21.76	21.69	23.00		
		75	0	21.72	21.70	21.81	23.00		
	16QAM	1	0	21.46	21.56	21.49	23.00		
		1	38	21.48	21.52	21.50	23.00		
		1	74	21.52	21.67	21.51	23.00		
		36	0	20.53	20.59	20.75	22.00		
		36	18	20.64	20.67	20.67	22.00		
		36	39	20.60	20.67	20.58	22.00		
		75	0	20.60	20.65	20.71	22.00		
	64QAM	1	0	20.39	20.40	20.29	22.00		
		1	38	20.22	20.39	20.38	22.00		
		1	74	20.50	20.48	20.39	22.00		
		36	0	19.51	19.65	19.74	21.00		
		36	18	19.76	19.69	19.72	21.00		
		36	39	19.67	19.71	19.64	21.00		
		75	0	19.74	19.71	19.65	21.00		
	256QAM	1	0	17.72	17.67	17.84	19.00		
		1	38	17.74	17.70	17.65	19.00		
		1	74	17.90	17.81	17.65	19.00		
		36	0	17.76	17.82	17.70	19.00		
		36	18	17.90	17.81	17.77	19.00		
		36	39	17.77	17.86	17.75	19.00		
		75	0	17.79	17.80	17.76	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20050	20175	20300			
20MHz	QPSK	1	0	22.73	22.78	22.67	24.00		
		1	50	22.69	22.75	22.71	24.00		
		1	99	22.65	22.81	22.60	24.00		
		50	0	21.64	21.73	21.76	23.00		
		50	25	21.78	21.70	21.78	23.00		
		50	50	21.75	21.69	21.68	23.00		



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		100	0	21.72	21.68	21.78	23.00
16QAM	1	0	21.49	21.60	21.55	23.00	
	1	50	21.48	21.56	21.53	23.00	
	1	99	21.49	21.65	21.47	23.00	
	50	0	20.60	20.67	20.76	22.00	
	50	25	20.70	20.74	20.72	22.00	
	50	50	20.67	20.72	20.59	22.00	
	100	0	20.66	20.69	20.74	22.00	
64QAM	1	0	20.32	20.44	20.36	22.00	
	1	50	20.27	20.42	20.35	22.00	
	1	99	20.42	20.46	20.41	22.00	
	50	0	19.54	19.69	19.67	21.00	
	50	25	19.69	19.73	19.73	21.00	
	50	50	19.68	19.70	19.62	21.00	
	100	0	19.71	19.68	19.70	21.00	
256QAM	1	0	17.68	17.70	17.76	19.00	
	1	50	17.72	17.76	17.68	19.00	
	1	99	17.85	17.73	17.70	19.00	
	50	0	17.74	17.77	17.78	19.00	
	50	25	17.84	17.83	17.77	19.00	
	50	50	17.84	17.81	17.75	19.00	
	100	0	17.86	17.82	17.80	19.00	



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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	18.24	18.22	18.24	19.50
		1	2	18.29	18.17	18.23	19.50
		1	5	18.17	18.34	18.11	19.50
		3	0	18.26	18.34	18.11	19.50
		3	2	18.28	18.23	18.32	19.50
		3	3	18.10	18.17	18.22	19.50
		6	0	18.12	18.08	18.24	19.50
	16QAM	1	0	18.05	18.03	18.14	19.50
		1	2	17.91	18.02	18.04	19.50
		1	5	17.89	18.20	18.06	19.50
		3	0	18.08	18.19	18.23	19.50
		3	2	18.08	18.20	18.23	19.50
		3	3	18.29	18.22	18.04	19.50
		6	0	18.15	18.26	18.22	19.50
	64QAM	1	0	17.68	17.92	17.82	19.50
		1	2	17.69	17.86	17.84	19.50
		1	5	17.92	17.93	17.99	19.50
		3	0	18.10	18.15	18.05	19.50
		3	2	18.32	18.36	18.22	19.50
		3	3	18.14	18.16	18.19	19.50
		6	0	18.24	18.10	18.32	19.50
	256QAM	1	0	17.63	17.72	17.63	19.00
		1	2	17.73	17.75	17.75	19.00
		1	5	17.83	17.61	17.77	19.00
3		0	17.68	17.81	17.74	19.00	
3		2	17.83	17.78	17.87	19.00	
3		3	17.84	17.87	17.73	19.00	
6		0	17.78	17.80	17.80	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	18.28	18.32	18.14	19.50
		1	7	18.21	18.14	18.22	19.50
		1	14	18.09	18.29	18.04	19.50
		8	0	18.13	18.12	18.25	19.50
		8	4	18.25	18.31	18.23	19.50
		8	7	18.21	18.08	18.14	19.50



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		15	0	18.23	18.27	18.31	19.50
	16QAM	1	0	18.08	18.06	17.94	19.50
		1	7	18.10	18.00	18.07	19.50
		1	14	18.02	18.16	17.89	19.50
		8	0	18.11	18.20	18.21	19.50
		8	4	18.21	18.25	18.18	19.50
		8	7	18.13	18.20	18.04	19.50
		15	0	18.14	18.21	18.19	19.50
	64QAM	1	0	17.92	17.88	17.84	19.50
		1	7	17.87	17.89	17.84	19.50
		1	14	17.86	17.97	17.86	19.50
		8	0	18.09	18.18	18.15	19.50
		8	4	18.06	18.25	18.19	19.50
		8	7	18.27	18.18	18.09	19.50
		15	0	18.30	18.16	18.21	19.50
	256QAM	1	0	17.75	17.70	17.80	19.00
		1	7	17.79	17.78	17.64	19.00
		1	14	17.96	17.71	17.80	19.00
		8	0	17.67	17.86	17.76	19.00
		8	4	17.97	17.71	17.69	19.00
		8	7	17.78	17.86	17.76	19.00
		15	0	17.91	17.83	17.89	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.18	18.23	18.10	19.50
		1	13	18.28	18.33	18.17	19.50
		1	24	18.13	18.38	18.10	19.50
		12	0	18.02	18.36	18.19	19.50
		12	6	18.23	18.31	18.35	19.50
		12	13	18.39	18.29	18.26	19.50
		25	0	18.19	18.29	18.26	19.50
	16QAM	1	0	18.10	18.24	18.20	19.50
		1	13	17.93	18.02	17.90	19.50
		1	24	17.91	18.19	17.91	19.50
		12	0	18.04	18.16	18.32	19.50
		12	6	18.17	18.23	18.17	19.50
		12	13	18.22	18.25	18.15	19.50
		25	0	18.03	18.26	18.30	19.50
	64QAM	1	0	17.77	18.01	17.88	19.50
		1	13	17.85	17.91	17.78	19.50



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		1	24	17.95	17.99	18.01	19.50
		12	0	18.09	18.10	18.10	19.50
		12	6	18.19	18.29	18.15	19.50
		12	13	18.25	18.09	18.15	19.50
		25	0	18.19	18.20	18.15	19.50
	256QAM	1	0	17.67	17.65	17.70	19.00
		1	13	17.62	17.79	17.61	19.00
		1	24	17.84	17.70	17.75	19.00
		12	0	17.82	17.85	17.67	19.00
		12	6	17.87	17.76	17.90	19.00
		12	13	17.85	17.73	17.67	19.00
		25	0	17.83	17.79	17.81	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.14	18.38	18.14	19.50
		1	25	18.15	18.20	18.18	19.50
		1	49	18.03	18.18	18.11	19.50
		25	0	18.09	18.13	18.34	19.50
		25	13	18.28	18.21	18.23	19.50
		25	25	18.30	18.22	18.13	19.50
		50	0	18.34	18.27	18.32	19.50
	16QAM	1	0	18.02	18.12	18.01	19.50
		1	25	18.03	17.95	18.08	19.50
		1	49	17.91	18.18	18.02	19.50
		25	0	18.19	18.28	18.34	19.50
		25	13	18.21	18.16	18.22	19.50
		25	25	18.10	18.15	18.09	19.50
		50	0	18.24	18.22	18.18	19.50
	64QAM	1	0	17.83	17.85	17.77	19.50
		1	25	17.84	17.92	17.80	19.50
		1	49	17.89	17.94	17.94	19.50
		25	0	17.96	18.17	18.20	19.50
		25	13	18.14	18.11	18.16	19.50
		25	25	18.22	18.18	18.21	19.50
		50	0	18.30	18.24	18.27	19.50
	256QAM	1	0	17.65	17.78	17.74	19.00
		1	25	17.68	17.77	17.66	19.00
		1	49	17.81	17.83	17.77	19.00
		25	0	17.70	17.75	17.74	19.00
		25	13	17.89	17.85	17.69	19.00



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Bandwidth	Modulation	RB size	RB offset	25	25	17.79	17.82	17.76	19.00
				50	0	17.82	17.69	17.83	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20025	20175	20325			
15MHz	QPSK	1	0	18.21	18.32	18.20	19.50		
		1	38	18.12	18.25	18.14	19.50		
		1	74	18.13	18.29	18.17	19.50		
		36	0	18.16	18.17	18.27	19.50		
		36	18	18.33	18.23	18.30	19.50		
		36	39	18.21	18.26	18.17	19.50		
		75	0	18.15	18.14	18.25	19.50		
	16QAM	1	0	18.04	18.01	18.03	19.50		
		1	38	17.95	17.99	17.94	19.50		
		1	74	18.04	18.25	17.99	19.50		
		36	0	18.03	18.07	18.22	19.50		
		36	18	18.15	18.17	18.12	19.50		
		36	39	18.05	18.13	18.04	19.50		
		75	0	18.08	18.19	18.24	19.50		
	64QAM	1	0	17.93	17.84	17.74	19.50		
		1	38	17.78	17.84	17.82	19.50		
		1	74	17.98	17.99	17.87	19.50		
		36	0	18.05	18.20	18.30	19.50		
		36	18	18.28	18.25	18.25	19.50		
		36	39	18.21	18.24	18.16	19.50		
		75	0	18.27	18.19	18.14	19.50		
	256QAM	1	0	17.71	17.72	17.84	19.00		
		1	38	17.78	17.65	17.59	19.00		
		1	74	17.89	17.79	17.69	19.00		
		36	0	17.74	17.80	17.66	19.00		
		36	18	17.89	17.87	17.73	19.00		
		36	39	17.73	17.82	17.71	19.00		
		75	0	17.83	17.74	17.81	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20050	20175	20300			
20MHz	QPSK	1	0	18.18	18.27	18.13	19.50		
		1	50	18.22	18.25	18.15	19.50		
		1	99	18.23	18.24	18.08	19.50		
		50	0	18.20	18.24	18.20	19.50		
		50	25	18.23	18.20	18.30	19.50		
		50	50	18.23	18.15	18.23	19.50		



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		100	0	18.22	18.13	18.28	19.50
16QAM	1	0	18.05	18.18	18.12	19.50	
	1	50	17.96	17.99	18.10	19.50	
	1	99	17.98	18.08	18.00	19.50	
	50	0	18.09	18.14	18.30	19.50	
	50	25	18.22	18.26	18.21	19.50	
	50	50	18.22	18.20	18.12	19.50	
	100	0	18.19	18.17	18.24	19.50	
64QAM	1	0	17.83	17.96	17.84	19.50	
	1	50	17.76	17.87	17.80	19.50	
	1	99	17.96	17.91	17.93	19.50	
	50	0	18.04	18.17	18.22	19.50	
	50	25	18.19	18.25	18.29	19.50	
	50	50	18.20	18.24	18.11	19.50	
	100	0	18.19	18.20	18.16	19.50	
256QAM	1	0	17.64	17.75	17.74	19.00	
	1	50	17.74	17.72	17.63	19.00	
	1	99	17.85	17.75	17.66	19.00	
	50	0	17.71	17.80	17.80	19.00	
	50	25	17.90	17.88	17.81	19.00	
	50	50	17.81	17.85	17.76	19.00	
	100	0	17.87	17.85	17.76	19.00	



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LTE Band 4 DSI 8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	15.29	15.19	15.18	16.50
		1	2	15.36	15.22	15.21	16.50
		1	5	15.22	15.33	15.07	16.50
		3	0	15.22	15.35	15.15	16.50
		3	2	15.34	15.25	15.36	16.50
		3	3	15.06	15.14	15.16	16.50
		6	0	15.16	15.06	15.17	16.50
	16QAM	1	0	15.06	15.10	15.19	16.50
		1	2	14.92	15.07	15.00	16.50
		1	5	14.84	15.18	15.07	16.50
		3	0	15.14	15.18	15.22	16.50
		3	2	15.04	15.25	15.28	16.50
		3	3	15.30	15.28	15.00	16.50
		6	0	15.19	15.30	15.23	16.50
	64QAM	1	0	14.74	14.97	14.80	16.50
		1	2	14.72	14.90	14.77	16.50
		1	5	14.89	14.90	14.92	16.50
		3	0	15.16	15.16	15.01	16.50
		3	2	15.28	15.39	15.21	16.50
		3	3	15.21	15.09	15.21	16.50
		6	0	15.23	15.05	15.37	16.50
	256QAM	1	0	15.18	15.19	15.12	16.50
		1	2	15.28	15.27	15.31	16.50
		1	5	15.32	15.10	15.30	16.50
		3	0	15.24	15.24	15.30	16.50
		3	2	15.31	15.28	15.39	16.50
		3	3	15.28	15.38	15.27	16.50
		6	0	15.25	15.36	15.35	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK			19965	20175	20385	
		1	0	15.34	15.39	15.20	16.50
		1	7	15.20	15.17	15.28	16.50
		1	14	15.14	15.25	15.05	16.50
		8	0	15.19	15.07	15.23	16.50
		8	4	15.19	15.26	15.27	16.50
		8	7	15.14	15.06	15.08	16.50



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		15	0	15.19	15.29	15.37	16.50
	16QAM	1	0	15.04	15.11	14.90	16.50
		1	7	15.10	14.94	15.07	16.50
		1	14	15.04	15.17	14.91	16.50
		8	0	15.10	15.23	15.15	16.50
		8	4	15.21	15.31	15.13	16.50
		8	7	15.07	15.21	15.10	16.50
		15	0	15.20	15.24	15.12	16.50
	64QAM	1	0	14.91	14.95	14.79	16.50
		1	7	14.91	14.91	14.85	16.50
		1	14	14.84	14.96	14.83	16.50
		8	0	15.14	15.12	15.16	16.50
		8	4	15.13	15.21	15.13	16.50
		8	7	15.25	15.22	15.11	16.50
		15	0	15.34	15.18	15.20	16.50
	256QAM	1	0	15.21	15.13	15.36	16.50
		1	7	15.36	15.34	15.12	16.50
		1	14	15.43	15.14	15.29	16.50
		8	0	15.10	15.31	15.31	16.50
		8	4	15.44	15.14	15.18	16.50
		8	7	15.27	15.33	15.27	16.50
		15	0	15.39	15.34	15.39	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	15.15	15.17	15.13	16.50
		1	13	15.22	15.29	15.11	16.50
		1	24	15.08	15.45	15.12	16.50
		12	0	15.05	15.39	15.21	16.50
		12	6	15.18	15.32	15.39	16.50
		12	13	15.37	15.24	15.20	16.50
		25	0	15.18	15.33	15.31	16.50
	16QAM	1	0	15.06	15.23	15.14	16.50
		1	13	14.99	15.02	14.83	16.50
		1	24	14.94	15.25	14.95	16.50
		12	0	14.97	15.17	15.38	16.50
		12	6	15.23	15.30	15.11	16.50
		12	13	15.16	15.20	15.21	16.50
		25	0	15.10	15.25	15.33	16.50
	64QAM	1	0	14.72	15.07	14.84	16.50
		1	13	14.79	14.87	14.72	16.50



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		1	24	15.02	14.96	14.97	16.50
		12	0	15.10	15.14	15.05	16.50
		12	6	15.20	15.22	15.21	16.50
		12	13	15.26	15.10	15.15	16.50
		25	0	15.23	15.17	15.09	16.50
	256QAM	1	0	15.23	15.20	15.26	16.50
		1	13	15.08	15.36	15.05	16.50
		1	24	15.40	15.13	15.25	16.50
		12	0	15.39	15.29	15.20	16.50
		12	6	15.37	15.20	15.36	16.50
		12	13	15.39	15.23	15.15	16.50
		25	0	15.40	15.30	15.33	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	15.11	15.42	15.07	16.50
		1	25	15.21	15.22	15.15	16.50
		1	49	15.00	15.18	15.12	16.50
		25	0	15.14	15.13	15.40	16.50
		25	13	15.25	15.16	15.25	16.50
		25	25	15.37	15.15	15.18	16.50
		50	0	15.38	15.30	15.37	16.50
	16QAM	1	0	15.07	15.16	15.05	16.50
		1	25	14.99	14.96	15.02	16.50
		1	49	14.97	15.20	15.05	16.50
		25	0	15.21	15.30	15.39	16.50
		25	13	15.18	15.19	15.27	16.50
		25	25	15.06	15.16	15.03	16.50
		50	0	15.20	15.28	15.19	16.50
	64QAM	1	0	14.87	14.83	14.82	16.50
		1	25	14.85	14.88	14.85	16.50
		1	49	14.94	14.89	14.92	16.50
		25	0	14.96	15.22	15.13	16.50
		25	13	15.13	15.08	15.17	16.50
		25	25	15.24	15.13	15.27	16.50
		50	0	15.26	15.20	15.20	16.50
	256QAM	1	0	15.20	15.34	15.28	16.50
		1	25	15.18	15.31	15.10	16.50
		1	49	15.27	15.35	15.31	16.50
		25	0	15.18	15.26	15.24	16.50
		25	13	15.40	15.35	15.21	16.50



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Bandwidth	Modulation	RB size	RB offset	25	25	15.23	15.34	15.31	16.50
				50	0	15.30	15.24	15.37	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20025	20175	20325			
15MHz	QPSK	1	0	15.19	15.38	15.18	16.50		
		1	38	15.08	15.18	15.18	16.50		
		1	74	15.07	15.30	15.23	16.50		
		36	0	15.14	15.18	15.22	16.50		
		36	18	15.32	15.19	15.26	16.50		
		36	39	15.18	15.24	15.23	16.50		
		75	0	15.15	15.09	15.22	16.50		
	16QAM	1	0	14.98	15.04	15.03	16.50		
		1	38	14.98	14.99	14.97	16.50		
		1	74	14.98	15.21	15.05	16.50		
		36	0	15.07	15.01	15.17	16.50		
		36	18	15.16	15.19	15.10	16.50		
		36	39	15.03	15.10	15.06	16.50		
		75	0	15.05	15.22	15.18	16.50		
	64QAM	1	0	15.00	14.86	14.71	16.50		
		1	38	14.74	14.79	14.82	16.50		
		1	74	14.93	14.97	14.87	16.50		
		36	0	15.10	15.13	15.31	16.50		
		36	18	15.21	15.20	15.19	16.50		
		36	39	15.14	15.28	15.11	16.50		
		75	0	15.32	15.17	15.09	16.50		
	256QAM	1	0	15.27	15.29	15.34	16.50		
		1	38	15.24	15.12	15.16	16.50		
		1	74	15.42	15.29	15.20	16.50		
		36	0	15.25	15.37	15.18	16.50		
		36	18	15.40	15.39	15.28	16.50		
		36	39	15.26	15.38	15.25	16.50		
		75	0	15.35	15.29	15.24	16.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20050	20175	20300			
20MHz	QPSK	1	0	15.15	15.33	15.17	16.50		
		1	50	15.22	15.30	15.09	16.50		
		1	99	15.21	15.28	15.08	16.50		
		50	0	15.17	15.26	15.22	16.50		
		50	25	15.27	15.19	15.30	16.50		
		50	50	15.23	15.15	15.16	16.50		



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		100	0	15.20	15.06	15.23	16.50
16QAM	1	0	15.09	15.15	15.12	16.50	
	1	50	14.90	15.06	15.13	16.50	
	1	99	14.92	15.09	14.95	16.50	
	50	0	15.03	15.20	15.34	16.50	
	50	25	15.18	15.27	15.20	16.50	
	50	50	15.22	15.24	15.14	16.50	
	100	0	15.18	15.22	15.24	16.50	
64QAM	1	0	14.85	15.01	14.88	16.50	
	1	50	14.71	14.85	14.86	16.50	
	1	99	14.99	14.92	14.89	16.50	
	50	0	15.01	15.10	15.18	16.50	
	50	25	15.19	15.32	15.22	16.50	
	50	50	15.23	15.17	15.06	16.50	
	100	0	15.12	15.25	15.09	16.50	
256QAM	1	0	15.09	15.31	15.29	16.50	
	1	50	15.30	15.19	15.06	16.50	
	1	99	15.38	15.23	15.23	16.50	
	50	0	15.23	15.31	15.26	16.50	
	50	25	15.46	15.37	15.28	16.50	
	50	50	15.36	15.30	15.33	16.50	
	100	0	15.41	15.42	15.19	16.50	



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LTE Band 7 DSI 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.59	17.55	17.51	19.00
		1	13	17.50	17.44	17.45	19.00
		1	24	17.61	17.59	17.71	19.00
		12	0	17.64	17.70	17.74	19.00
		12	6	17.76	17.78	17.58	19.00
		12	13	17.69	17.58	17.60	19.00
		25	0	17.74	17.85	17.81	19.00
	16QAM	1	0	17.45	17.59	17.39	19.00
		1	13	17.47	17.61	17.48	19.00
		1	24	17.42	17.53	17.64	19.00
		12	0	17.71	17.59	17.69	19.00
		12	6	17.77	17.68	17.60	19.00
		12	13	17.54	17.69	17.71	19.00
		25	0	17.77	17.81	17.73	19.00
	64QAM	1	0	17.45	17.45	17.40	19.00
		1	13	17.50	17.41	17.50	19.00
		1	24	17.63	17.46	17.63	19.00
		12	0	17.71	17.74	17.76	19.00
		12	6	17.83	17.72	17.59	19.00
		12	13	17.56	17.64	17.79	19.00
		25	0	17.75	17.80	17.87	19.00
	256QAM	1	0	16.91	17.11	16.86	18.50
		1	13	16.79	17.10	16.95	18.50
		1	24	17.09	17.09	17.08	18.50
		12	0	17.17	17.25	17.29	18.50
		12	6	17.24	17.24	17.19	18.50
		12	13	16.94	17.12	17.22	18.50
		25	0	17.24	17.33	17.27	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK			20800	21100	21400	
		1	0	17.47	17.58	17.54	19.00
		1	25	17.46	17.59	17.46	19.00
		1	49	17.46	17.45	17.59	19.00
		25	0	17.78	17.73	17.63	19.00
		25	13	17.80	17.77	17.61	19.00
		25	25	17.60	17.65	17.67	19.00



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		50	0	17.82	17.76	17.92	19.00
	16QAM	1	0	17.44	17.64	17.48	19.00
		1	25	17.30	17.64	17.46	19.00
		1	49	17.41	17.47	17.62	19.00
		25	0	17.64	17.58	17.86	19.00
		25	13	17.76	17.77	17.68	19.00
		25	25	17.53	17.57	17.69	19.00
		50	0	17.69	17.75	17.70	19.00
	64QAM	1	0	17.59	17.51	17.47	19.00
		1	25	17.52	17.58	17.55	19.00
		1	49	17.62	17.46	17.65	19.00
		25	0	17.67	17.78	17.80	19.00
		25	13	17.79	17.60	17.64	19.00
		25	25	17.69	17.62	17.74	19.00
		50	0	17.60	17.79	17.86	19.00
	256QAM	1	0	16.96	17.05	16.87	18.50
		1	25	16.85	16.98	17.02	18.50
		1	49	17.06	17.03	17.00	18.50
		25	0	17.16	17.16	17.36	18.50
		25	13	17.21	17.15	17.28	18.50
		25	25	17.06	17.09	17.21	18.50
		50	0	17.22	17.24	17.31	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.51	17.45	17.48	19.00
		1	38	17.50	17.51	17.52	19.00
		1	74	17.58	17.61	17.54	19.00
		36	0	17.61	17.81	17.67	19.00
		36	18	17.78	17.62	17.77	19.00
		36	39	17.58	17.57	17.56	19.00
		75	0	17.80	17.90	17.84	19.00
	16QAM	1	0	17.49	17.51	17.36	19.00
		1	38	17.48	17.62	17.56	19.00
		1	74	17.61	17.57	17.54	19.00
		36	0	17.60	17.67	17.80	19.00
		36	18	17.75	17.76	17.78	19.00
		36	39	17.60	17.70	17.75	19.00
		75	0	17.68	17.89	17.71	19.00
	64QAM	1	0	17.49	17.46	17.49	19.00
		1	38	17.44	17.58	17.48	19.00



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		1	74	17.68	17.56	17.57	19.00
		36	0	17.84	17.66	17.74	19.00
		36	18	17.76	17.61	17.75	19.00
		36	39	17.67	17.57	17.75	19.00
		75	0	17.73	17.65	17.96	19.00
	256QAM	1	0	16.93	17.00	16.86	18.50
		1	38	16.76	17.16	16.82	18.50
		1	74	17.15	17.15	17.02	18.50
		36	0	17.12	17.20	17.37	18.50
		36	18	17.27	17.18	17.18	18.50
		36	39	17.01	16.99	17.20	18.50
		75	0	17.20	17.17	17.26	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.51	17.55	17.46	19.00
		1	50	17.40	17.54	17.52	19.00
		1	99	17.55	17.55	17.63	19.00
		50	0	17.68	17.73	17.72	19.00
		50	25	17.72	17.69	17.67	19.00
		50	50	17.60	17.60	17.65	19.00
		100	0	17.74	17.80	17.86	19.00
	16QAM	1	0	17.45	17.57	17.46	19.00
		1	50	17.39	17.55	17.56	19.00
		1	99	17.51	17.57	17.62	19.00
		50	0	17.70	17.65	17.76	19.00
		50	25	17.71	17.73	17.69	19.00
		50	50	17.57	17.67	17.71	19.00
		100	0	17.74	17.80	17.80	19.00
	64QAM	1	0	17.50	17.51	17.46	19.00
		1	50	17.44	17.51	17.53	19.00
		1	99	17.59	17.52	17.61	19.00
		50	0	17.74	17.71	17.72	19.00
		50	25	17.73	17.69	17.68	19.00
		50	50	17.63	17.65	17.70	19.00
		100	0	17.67	17.73	17.86	19.00
	256QAM	1	0	16.89	17.05	16.92	18.50
		1	50	16.84	17.06	16.92	18.50
		1	99	17.05	17.09	17.07	18.50
		50	0	17.22	17.25	17.33	18.50
		50	25	17.28	17.16	17.19	18.50



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		50	50	17.00	17.07	17.25	18.50
		100	0	17.26	17.27	17.32	18.50



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LTE Band 7 DSI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	14.53	14.53	14.33	16.00
		1	13	14.44	14.48	14.45	16.00
		1	24	14.44	14.56	14.59	16.00
		12	0	14.80	14.81	14.68	16.00
		12	6	14.70	14.64	14.62	16.00
		12	13	14.60	14.62	14.59	16.00
		25	0	14.67	14.76	14.68	16.00
	16QAM	1	0	14.54	14.43	14.32	16.00
		1	13	14.43	14.65	14.47	16.00
		1	24	14.62	14.58	14.64	16.00
		12	0	14.70	14.62	14.66	16.00
		12	6	14.76	14.59	14.73	16.00
		12	13	14.60	14.57	14.53	16.00
		25	0	14.65	14.76	14.66	16.00
	64QAM	1	0	14.53	14.56	14.51	16.00
		1	13	14.37	14.52	14.46	16.00
		1	24	14.57	14.56	14.78	16.00
		12	0	14.80	14.66	14.71	16.00
		12	6	14.83	14.62	14.78	16.00
		12	13	14.68	14.74	14.64	16.00
		25	0	14.76	14.83	14.81	16.00
	256QAM	1	0	14.49	14.63	14.32	16.00
		1	13	14.38	14.51	14.62	16.00
		1	24	14.51	14.57	14.76	16.00
		12	0	14.63	14.78	14.83	16.00
		12	6	14.69	14.54	14.78	16.00
		12	13	14.62	14.65	14.71	16.00
		25	0	14.72	14.71	14.90	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	14.52	14.51	14.39	16.00
		1	25	14.30	14.45	14.44	16.00
		1	49	14.59	14.53	14.60	16.00
		25	0	14.67	14.78	14.80	16.00
		25	13	14.68	14.73	14.63	16.00
		25	25	14.62	14.57	14.52	16.00
						20800	21100



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		50	0	14.66	14.75	14.65	16.00
	16QAM	1	0	14.45	14.40	14.45	16.00
		1	25	14.44	14.51	14.53	16.00
		1	49	14.47	14.66	14.57	16.00
		25	0	14.62	14.61	14.76	16.00
		25	13	14.81	14.69	14.59	16.00
		25	25	14.54	14.72	14.58	16.00
		50	0	14.83	14.80	14.67	16.00
	64QAM	1	0	14.60	14.48	14.48	16.00
		1	25	14.25	14.66	14.53	16.00
		1	49	14.59	14.64	14.58	16.00
		25	0	14.64	14.69	14.74	16.00
		25	13	14.78	14.63	14.75	16.00
		25	25	14.66	14.61	14.60	16.00
		50	0	14.84	14.81	14.85	16.00
	256QAM	1	0	14.60	14.50	14.36	16.00
		1	25	14.44	14.49	14.57	16.00
		1	49	14.69	14.46	14.65	16.00
		25	0	14.68	14.78	14.83	16.00
		25	13	14.69	14.73	14.61	16.00
		25	25	14.51	14.50	14.59	16.00
		50	0	14.76	14.72	14.82	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	14.57	14.53	14.47	16.00
		1	38	14.43	14.49	14.50	16.00
		1	74	14.52	14.64	14.56	16.00
		36	0	14.78	14.78	14.86	16.00
		36	18	14.72	14.70	14.66	16.00
		36	39	14.61	14.69	14.55	16.00
		75	0	14.76	14.78	14.85	16.00
	16QAM	1	0	14.62	14.41	14.34	16.00
		1	38	14.47	14.58	14.65	16.00
		1	74	14.53	14.64	14.68	16.00
		36	0	14.67	14.63	14.77	16.00
		36	18	14.80	14.61	14.59	16.00
		36	39	14.65	14.70	14.68	16.00
		75	0	14.80	14.73	14.63	16.00
	64QAM	1	0	14.55	14.56	14.55	16.00
		1	38	14.37	14.63	14.50	16.00



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		1	74	14.68	14.63	14.78	16.00
		36	0	14.76	14.70	14.85	16.00
		36	18	14.74	14.73	14.59	16.00
		36	39	14.64	14.67	14.62	16.00
		75	0	14.79	14.95	14.85	16.00
	256QAM	1	0	14.53	14.65	14.37	16.00
		1	38	14.27	14.51	14.59	16.00
		1	74	14.52	14.56	14.61	16.00
		36	0	14.63	14.72	14.67	16.00
		36	18	14.71	14.68	14.62	16.00
		36	39	14.52	14.52	14.58	16.00
		75	0	14.74	14.77	14.88	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	14.55	14.57	14.42	16.00
		1	50	14.37	14.49	14.52	16.00
		1	99	14.53	14.58	14.63	16.00
		50	0	14.70	14.77	14.77	16.00
		50	25	14.76	14.65	14.71	16.00
		50	50	14.57	14.59	14.60	16.00
		100	0	14.70	14.75	14.75	16.00
	16QAM	1	0	14.53	14.50	14.42	16.00
		1	50	14.40	14.56	14.56	16.00
		1	99	14.52	14.57	14.59	16.00
		50	0	14.68	14.68	14.72	16.00
		50	25	14.76	14.67	14.67	16.00
		50	50	14.57	14.65	14.62	16.00
		100	0	14.74	14.80	14.70	16.00
	64QAM	1	0	14.54	14.57	14.46	16.00
		1	50	14.35	14.56	14.49	16.00
		1	99	14.59	14.55	14.68	16.00
		50	0	14.73	14.73	14.77	16.00
		50	25	14.76	14.66	14.68	16.00
		50	50	14.58	14.64	14.63	16.00
		100	0	14.77	14.85	14.84	16.00
	256QAM	1	0	14.53	14.59	14.42	16.00
		1	50	14.36	14.56	14.52	16.00
		1	99	14.59	14.55	14.68	16.00
		50	0	14.72	14.70	14.75	16.00
		50	25	14.76	14.64	14.70	16.00



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		50	50	14.57	14.56	14.63	16.00
		100	0	14.76	14.75	14.84	16.00



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LTE Band 7 DSI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.10	22.16	22.06	23.50
		1	13	22.00	22.10	22.21	23.50
		1	24	21.94	22.12	22.20	23.50
		12	0	21.21	21.14	21.08	22.50
		12	6	21.27	21.29	21.14	22.50
		12	13	21.11	21.00	20.99	22.50
		25	0	21.11	21.07	21.02	22.50
	16QAM	1	0	20.98	21.11	21.02	22.50
		1	13	21.12	20.94	20.93	22.50
		1	24	21.09	21.05	20.96	22.50
		12	0	20.05	20.06	20.01	21.50
		12	6	20.04	20.30	20.24	21.50
		12	13	20.14	20.07	20.15	21.50
		25	0	20.16	19.97	20.14	21.50
	64QAM	1	0	19.92	20.10	20.06	21.50
		1	13	20.07	20.13	20.03	21.50
		1	24	20.06	20.21	20.28	21.50
		12	0	19.12	19.07	19.10	20.50
		12	6	19.16	19.26	19.16	20.50
		12	13	19.10	18.98	18.98	20.50
		25	0	19.08	18.99	19.24	20.50
	256QAM	1	0	17.02	17.06	16.88	18.50
		1	13	16.80	17.04	17.10	18.50
		1	24	17.03	17.14	17.06	18.50
		12	0	17.17	17.17	17.28	18.50
		12	6	17.17	17.12	17.10	18.50
		12	13	17.18	17.22	17.26	18.50
		25	0	17.27	17.25	17.22	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.09	22.05	21.90	23.50
		1	25	21.98	22.17	22.19	23.50
		1	49	22.02	22.14	22.05	23.50
		25	0	21.22	21.15	21.26	22.50
		25	13	21.25	21.15	21.14	22.50
		25	25	21.12	21.14	21.10	22.50
						20800	21100



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		50	0	21.11	21.09	20.89	22.50
	16QAM	1	0	21.11	21.00	21.06	22.50
		1	25	21.04	21.05	20.91	22.50
		1	49	20.91	21.02	20.99	22.50
		25	0	20.04	20.21	20.05	21.50
		25	13	20.20	20.16	20.07	21.50
		25	25	20.02	20.12	20.10	21.50
		50	0	20.00	20.12	20.13	21.50
	64QAM	1	0	20.09	20.07	20.02	21.50
		1	25	20.06	20.00	20.01	21.50
		1	49	20.06	20.22	20.21	21.50
		25	0	19.20	19.20	19.26	20.50
		25	13	19.07	19.08	19.30	20.50
		25	25	19.22	19.01	18.90	20.50
		50	0	19.00	19.04	19.22	20.50
	256QAM	1	0	16.92	16.93	16.94	18.50
		1	25	16.93	17.05	16.96	18.50
		1	49	17.04	17.15	17.06	18.50
		25	0	17.28	17.22	17.28	18.50
		25	13	17.23	17.27	17.14	18.50
		25	25	17.01	17.05	17.26	18.50
		50	0	17.28	17.33	17.40	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.00	22.14	21.94	23.50
		1	38	22.13	22.19	22.31	23.50
		1	74	21.91	22.15	22.22	23.50
		36	0	21.18	21.15	21.19	22.50
		36	18	21.30	21.14	21.27	22.50
		36	39	21.06	21.12	21.10	22.50
		75	0	21.03	21.06	20.97	22.50
	16QAM	1	0	21.09	21.13	21.01	22.50
		1	38	21.13	21.10	21.06	22.50
		1	74	21.11	21.02	21.11	22.50
		36	0	20.07	20.07	20.00	21.50
		36	18	20.22	20.10	20.12	21.50
		36	39	20.13	20.09	20.11	21.50
		75	0	20.14	20.04	20.11	21.50
	64QAM	1	0	20.04	20.05	19.99	21.50
		1	38	20.12	20.01	20.04	21.50



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		1	74	20.11	20.04	20.21	21.50
		36	0	19.18	19.05	19.08	20.50
		36	18	19.17	19.08	19.16	20.50
		36	39	19.09	19.03	18.95	20.50
		75	0	18.97	19.07	19.23	20.50
	256QAM	1	0	16.98	16.95	16.97	18.50
		1	38	17.00	17.10	17.11	18.50
		1	74	16.98	17.07	17.06	18.50
		36	0	17.14	17.12	17.28	18.50
		36	18	17.36	17.13	17.12	18.50
		36	39	17.20	17.08	17.14	18.50
		75	0	17.11	17.25	17.41	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.09	22.06	22.00	23.50
		1	50	22.08	22.14	22.23	23.50
		1	99	22.01	22.07	22.14	23.50
		50	0	21.22	21.14	21.16	22.50
		50	25	21.20	21.20	21.18	22.50
		50	50	21.14	21.06	21.08	22.50
		100	0	21.10	21.05	20.99	22.50
	16QAM	1	0	21.07	21.06	20.97	22.50
		1	50	21.12	21.02	20.99	22.50
		1	99	21.01	21.11	21.05	22.50
		50	0	20.05	20.14	20.04	21.50
		50	25	20.12	20.20	20.14	21.50
		50	50	20.12	20.13	20.15	21.50
		100	0	20.06	20.07	20.04	21.50
	64QAM	1	0	19.99	20.01	20.07	21.50
		1	50	20.14	20.09	20.00	21.50
		1	99	20.08	20.13	20.18	21.50
		50	0	19.11	19.13	19.16	20.50
		50	25	19.09	19.18	19.21	20.50
		50	50	19.15	19.06	19.00	20.50
		100	0	19.01	19.09	19.15	20.50
	256QAM	1	0	16.96	17.03	16.98	18.50
		1	50	16.90	17.00	17.02	18.50
		1	99	17.04	17.07	17.10	18.50
		50	0	17.23	17.20	17.26	18.50
		50	25	17.26	17.21	17.14	18.50



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		50	50	17.10	17.14	17.17	18.50
		100	0	17.20	17.25	17.32	18.50



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LTE Band 7 DSI 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.57	16.62	16.38	18.00
		1	13	16.37	16.45	16.51	18.00
		1	24	16.50	16.53	16.62	18.00
		12	0	16.74	16.75	16.81	18.00
		12	6	16.72	16.60	16.75	18.00
		12	13	16.62	16.59	16.64	18.00
		25	0	16.74	16.75	16.80	18.00
	16QAM	1	0	16.50	16.51	16.41	18.00
		1	13	16.43	16.59	16.54	18.00
		1	24	16.55	16.59	16.57	18.00
		12	0	16.70	16.65	16.68	18.00
		12	6	16.76	16.64	16.64	18.00
		12	13	16.55	16.63	16.67	18.00
		25	0	16.78	16.79	16.68	18.00
	64QAM	1	0	16.55	16.53	16.51	18.00
		1	13	16.37	16.53	16.50	18.00
		1	24	16.56	16.60	16.63	18.00
		12	0	16.78	16.69	16.73	18.00
		12	6	16.80	16.61	16.73	18.00
		12	13	16.55	16.69	16.60	18.00
		25	0	16.81	16.89	16.80	18.00
	256QAM	1	0	16.54	16.54	16.47	18.00
		1	13	16.41	16.58	16.56	18.00
		1	24	16.64	16.56	16.63	18.00
		12	0	16.70	16.69	16.76	18.00
		12	6	16.80	16.59	16.70	18.00
		12	13	16.57	16.53	16.64	18.00
		25	0	16.79	16.71	16.85	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK			20800	21100	21400	
		1	0	16.58	16.56	16.38	18.00
		1	25	16.35	16.49	16.54	18.00
		1	49	16.48	16.59	16.66	18.00
		25	0	16.73	16.81	16.77	18.00
		25	13	16.77	16.64	16.67	18.00
				16.61	16.64	16.55	18.00



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		50	0	16.65	16.73	16.79	18.00
	16QAM	1	0	16.52	16.54	16.45	18.00
		1	25	16.37	16.60	16.56	18.00
		1	49	16.55	16.57	16.56	18.00
		25	0	16.66	16.66	16.75	18.00
		25	13	16.72	16.67	16.64	18.00
		25	25	16.53	16.65	16.66	18.00
		50	0	16.72	16.77	16.72	18.00
	64QAM	1	0	16.54	16.55	16.42	18.00
		1	25	16.30	16.52	16.52	18.00
		1	49	16.63	16.56	16.64	18.00
		25	0	16.71	16.69	16.74	18.00
		25	13	16.81	16.62	16.73	18.00
		25	25	16.62	16.65	16.60	18.00
		50	0	16.76	16.90	16.87	18.00
	256QAM	1	0	16.55	16.62	16.44	18.00
		1	25	16.36	16.59	16.49	18.00
		1	49	16.62	16.56	16.71	18.00
		25	0	16.69	16.65	16.73	18.00
		25	13	16.77	16.60	16.70	18.00
		25	25	16.53	16.61	16.58	18.00
		50	0	16.74	16.74	16.80	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.55	16.56	16.37	18.00
		1	38	16.34	16.49	16.48	18.00
		1	74	16.52	16.59	16.61	18.00
		36	0	16.68	16.80	16.81	18.00
		36	18	16.80	16.67	16.71	18.00
		36	39	16.57	16.57	16.60	18.00
		75	0	16.75	16.78	16.75	18.00
	16QAM	1	0	16.51	16.49	16.37	18.00
		1	38	16.40	16.58	16.55	18.00
		1	74	16.53	16.60	16.62	18.00
		36	0	16.68	16.69	16.77	18.00
		36	18	16.79	16.72	16.69	18.00
		36	39	16.59	16.64	16.67	18.00
		75	0	16.78	16.83	16.70	18.00
	64QAM	1	0	16.49	16.52	16.48	18.00
		1	38	16.38	16.58	16.47	18.00



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		1	74	16.56	16.57	16.68	18.00
		36	0	16.72	16.72	16.72	18.00
		36	18	16.80	16.61	16.71	18.00
		36	39	16.59	16.66	16.67	18.00
		75	0	16.75	16.83	16.87	18.00
	256QAM	1	0	16.48	16.59	16.37	18.00
		1	38	16.38	16.52	16.52	18.00
		1	74	16.58	16.52	16.72	18.00
		36	0	16.75	16.65	16.72	18.00
		36	18	16.73	16.59	16.72	18.00
		36	39	16.61	16.56	16.67	18.00
		75	0	16.75	16.75	16.84	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.56	16.53	16.47	18.00
		1	50	16.37	16.50	16.48	18.00
		1	99	16.52	16.62	16.68	18.00
		50	0	16.74	16.81	16.82	18.00
		50	25	16.81	16.63	16.70	18.00
		50	50	16.61	16.55	16.59	18.00
		100	0	16.72	16.76	16.70	18.00
	16QAM	1	0	16.54	16.49	16.47	18.00
		1	50	16.36	16.60	16.55	18.00
		1	99	16.47	16.62	16.61	18.00
		50	0	16.67	16.65	16.74	18.00
		50	25	16.75	16.69	16.62	18.00
		50	50	16.52	16.66	16.65	18.00
		100	0	16.76	16.81	16.74	18.00
	64QAM	1	0	16.52	16.61	16.49	18.00
		1	50	16.33	16.51	16.49	18.00
		1	99	16.55	16.52	16.66	18.00
		50	0	16.71	16.70	16.82	18.00
		50	25	16.77	16.64	16.66	18.00
		50	50	16.60	16.63	16.62	18.00
		100	0	16.80	16.85	16.83	18.00
	256QAM	1	0	16.52	16.64	16.43	18.00
		1	50	16.32	16.53	16.48	18.00
		1	99	16.55	16.53	16.66	18.00
		50	0	16.75	16.75	16.71	18.00
		50	25	16.73	16.60	16.70	18.00



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		50	50	16.60	16.57	16.59	18.00
		100	0	16.79	16.78	16.87	18.00



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LTE Band 7 DSI 8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	13.05	13.01	12.94	14.50
		1	13	12.85	13.00	12.94	14.50
		1	24	12.97	13.09	13.19	14.50
		12	0	13.23	13.34	13.37	14.50
		12	6	13.33	13.17	13.15	14.50
		12	13	13.06	13.10	13.09	14.50
		25	0	13.21	13.23	13.18	14.50
	16QAM	1	0	13.03	13.02	12.96	14.50
		1	13	12.90	13.07	13.08	14.50
		1	24	12.98	13.10	13.16	14.50
		12	0	13.16	13.12	13.26	14.50
		12	6	13.22	13.24	13.10	14.50
		12	13	13.00	13.18	13.16	14.50
		25	0	13.22	13.26	13.22	14.50
	64QAM	1	0	12.98	13.08	12.95	14.50
		1	13	12.81	12.99	13.00	14.50
		1	24	13.00	13.03	13.18	14.50
		12	0	13.24	13.20	13.33	14.50
		12	6	13.28	13.10	13.15	14.50
		12	13	13.10	13.13	13.12	14.50
		25	0	13.30	13.40	13.34	14.50
	256QAM	1	0	13.03	13.11	12.98	14.50
		1	13	12.84	13.02	12.93	14.50
		1	24	13.10	13.08	13.20	14.50
		12	0	13.29	13.20	13.20	14.50
		12	6	13.25	13.09	13.25	14.50
		12	13	13.10	13.04	13.09	14.50
		25	0	13.25	13.28	13.41	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	13.05	13.07	13.00	14.50
		1	25	12.90	13.01	13.01	14.50
		1	49	13.06	13.10	13.13	14.50
		25	0	13.28	13.30	13.33	14.50
		25	13	13.30	13.15	13.16	14.50
		25	25	13.11	13.01	13.14	14.50
						20800	21100



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		50	0	13.20	13.27	13.22	14.50
	16QAM	1	0	13.07	12.95	13.01	14.50
		1	25	12.91	13.10	13.02	14.50
		1	49	12.94	13.07	13.16	14.50
		25	0	13.21	13.18	13.21	14.50
		25	13	13.20	13.22	13.12	14.50
		25	25	13.03	13.19	13.16	14.50
		50	0	13.24	13.28	13.25	14.50
	64QAM	1	0	13.05	13.16	12.94	14.50
		1	25	12.86	12.98	13.01	14.50
		1	49	13.09	13.05	13.19	14.50
		25	0	13.24	13.22	13.32	14.50
		25	13	13.26	13.18	13.18	14.50
		25	25	13.06	13.17	13.17	14.50
		50	0	13.29	13.38	13.38	14.50
	256QAM	1	0	13.05	13.15	12.90	14.50
		1	25	12.85	13.06	13.03	14.50
		1	49	13.00	13.08	13.18	14.50
		25	0	13.28	13.22	13.17	14.50
		25	13	13.22	13.11	13.16	14.50
		25	25	13.15	13.10	13.14	14.50
		50	0	13.26	13.25	13.32	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	13.04	13.04	13.00	14.50
		1	38	12.84	13.05	13.01	14.50
		1	74	12.99	13.14	13.21	14.50
		36	0	13.26	13.35	13.32	14.50
		36	18	13.31	13.17	13.16	14.50
		36	39	13.11	13.04	13.14	14.50
		75	0	13.22	13.25	13.21	14.50
	16QAM	1	0	13.04	12.98	12.92	14.50
		1	38	12.81	13.12	13.02	14.50
		1	74	13.00	13.10	13.09	14.50
		36	0	13.19	13.19	13.21	14.50
		36	18	13.20	13.23	13.14	14.50
		36	39	13.03	13.17	13.10	14.50
		75	0	13.22	13.34	13.22	14.50
	64QAM	1	0	13.01	13.08	12.96	14.50
		1	38	12.87	12.98	13.02	14.50



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		1	74	13.04	13.04	13.18	14.50
		36	0	13.19	13.22	13.37	14.50
		36	18	13.23	13.17	13.14	14.50
		36	39	13.09	13.18	13.15	14.50
		75	0	13.26	13.40	13.33	14.50
	256QAM	1	0	12.99	13.16	12.88	14.50
		1	38	12.85	13.06	13.02	14.50
		1	74	13.05	13.04	13.18	14.50
		36	0	13.27	13.20	13.20	14.50
		36	18	13.23	13.15	13.19	14.50
		36	39	13.05	13.08	13.14	14.50
		75	0	13.33	13.32	13.33	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	13.02	13.06	12.94	14.50
		1	50	12.88	12.96	12.97	14.50
		1	99	13.02	13.16	13.17	14.50
		50	0	13.28	13.33	13.28	14.50
		50	25	13.31	13.16	13.20	14.50
		50	50	13.10	13.02	13.13	14.50
		100	0	13.20	13.25	13.20	14.50
	16QAM	1	0	13.01	12.98	12.92	14.50
		1	50	12.82	13.05	13.03	14.50
		1	99	12.98	13.12	13.07	14.50
		50	0	13.18	13.20	13.23	14.50
		50	25	13.22	13.16	13.17	14.50
		50	50	13.05	13.12	13.16	14.50
		100	0	13.30	13.29	13.26	14.50
	64QAM	1	0	13.00	13.09	12.95	14.50
		1	50	12.86	13.05	12.97	14.50
		1	99	13.00	13.05	13.16	14.50
		50	0	13.26	13.22	13.37	14.50
		50	25	13.27	13.09	13.13	14.50
		50	50	13.14	13.18	13.15	14.50
		100	0	13.27	13.38	13.38	14.50
	256QAM	1	0	13.02	13.12	12.98	14.50
		1	50	12.84	13.04	13.02	14.50
		1	99	13.06	13.03	13.19	14.50
		50	0	13.29	13.23	13.17	14.50
		50	25	13.18	13.13	13.25	14.50



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		50	50	13.13	13.04	13.04	14.50
		100	0	13.34	13.33	13.33	14.50



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LTE Band 66 DSI 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	17.28	17.23	17.10	17.50
		1	2	17.21	17.16	17.10	17.50
		1	5	17.29	17.21	17.40	17.50
		3	0	17.18	17.12	17.33	17.50
		3	1	17.26	17.02	17.15	17.50
		3	3	17.16	17.28	17.06	17.50
		6	0	17.21	16.97	17.10	17.50
	16QAM	1	0	17.32	17.25	17.23	17.50
		1	2	17.23	17.17	17.16	17.50
		1	5	17.22	17.24	17.29	17.50
		3	0	17.21	17.14	17.27	17.50
		3	1	17.19	17.19	17.28	17.50
		3	3	17.17	17.22	17.16	17.50
		6	0	17.15	17.07	17.09	17.50
	64QAM	1	0	17.23	17.15	17.09	17.50
		1	2	17.19	17.17	17.16	17.50
		1	5	17.28	17.27	17.31	17.50
		3	0	17.21	17.20	17.27	17.50
		3	1	17.22	17.14	17.26	17.50
		3	3	17.19	17.22	17.08	17.50
		6	0	17.11	16.98	17.10	17.50
	256QAM	1	0	17.26	17.24	17.20	17.50
		1	2	17.21	17.20	17.18	17.50
		1	5	17.27	17.25	17.41	17.50
3		0	17.12	17.25	17.31	17.50	
3		1	17.21	17.09	17.22	17.50	
3		3	17.16	17.25	17.07	17.50	
6		0	17.06	17.09	17.06	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	17.21	17.25	17.16	17.50
		1	7	17.17	17.18	17.05	17.50
		1	14	17.24	17.20	17.33	17.50
		8	0	17.17	17.16	17.38	17.50
		8	4	17.17	17.12	17.16	17.50
		8	7	17.16	17.24	17.02	17.50
						131987	132322



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		15	0	17.17	17.03	17.13	17.50
	16QAM	1	0	17.32	17.15	17.16	17.50
		1	7	17.20	17.21	17.07	17.50
		1	14	17.27	17.24	17.32	17.50
		8	0	17.19	17.11	17.30	17.50
		8	4	17.19	17.12	17.24	17.50
		8	7	17.14	17.25	17.14	17.50
		15	0	17.14	17.03	17.17	17.50
	64QAM	1	0	17.32	17.21	17.12	17.50
		1	7	17.13	17.21	17.13	17.50
		1	14	17.20	17.25	17.24	17.50
		8	0	17.20	17.17	17.33	17.50
		8	4	17.15	17.15	17.26	17.50
		8	7	17.21	17.21	17.05	17.50
		15	0	17.09	17.04	17.06	17.50
	256QAM	1	0	17.28	17.20	17.25	17.50
		1	7	17.22	17.21	17.11	17.50
		1	14	17.25	17.26	17.33	17.50
		8	0	17.18	17.22	17.35	17.50
		8	4	17.22	17.17	17.23	17.50
		8	7	17.19	17.24	17.07	17.50
		15	0	17.15	17.10	17.05	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	17.19	17.23	17.12	17.50
		1	13	17.17	17.17	17.07	17.50
		1	24	17.22	17.22	17.36	17.50
		12	0	17.21	17.13	17.38	17.50
		12	6	17.21	17.03	17.18	17.50
		12	13	17.19	17.28	17.05	17.50
		25	0	17.20	16.96	17.09	17.50
	16QAM	1	0	17.30	17.22	17.14	17.50
		1	13	17.18	17.18	17.11	17.50
		1	24	17.19	17.27	17.31	17.50
		12	0	17.17	17.20	17.28	17.50
		12	6	17.16	17.17	17.21	17.50
		12	13	17.15	17.29	17.17	17.50
		25	0	17.19	17.06	17.16	17.50
	64QAM	1	0	17.25	17.24	17.19	17.50
		1	13	17.11	17.15	17.06	17.50



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		1	24	17.21	17.25	17.27	17.50
		12	0	17.17	17.13	17.25	17.50
		12	6	17.21	17.14	17.31	17.50
		12	13	17.15	17.16	17.10	17.50
		25	0	17.09	16.96	17.11	17.50
	256QAM	1	0	17.26	17.29	17.15	17.50
		1	13	17.25	17.15	17.15	17.50
		1	24	17.28	17.23	17.40	17.50
		12	0	17.19	17.20	17.29	17.50
		12	6	17.22	17.12	17.17	17.50
		12	13	17.13	17.18	16.99	17.50
		25	0	17.08	17.06	17.07	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	17.23	17.29	17.12	17.50
		1	25	17.19	17.23	17.08	17.50
		1	49	17.32	17.25	17.35	17.50
		25	0	17.15	17.18	17.38	17.50
		25	13	17.20	17.04	17.18	17.50
		25	25	17.21	17.26	17.08	17.50
		50	0	17.20	17.03	17.08	17.50
	16QAM	1	0	17.34	17.15	17.18	17.50
		1	25	17.23	17.26	17.12	17.50
		1	49	17.19	17.26	17.34	17.50
		25	0	17.13	17.20	17.28	17.50
		25	13	17.20	17.20	17.20	17.50
		25	25	17.21	17.30	17.08	17.50
		50	0	17.21	17.01	17.13	17.50
	64QAM	1	0	17.25	17.24	17.13	17.50
		1	25	17.12	17.19	17.13	17.50
		1	49	17.22	17.20	17.24	17.50
		25	0	17.23	17.18	17.29	17.50
		25	13	17.19	17.08	17.25	17.50
		25	25	17.22	17.22	17.06	17.50
		50	0	17.14	17.04	17.05	17.50
	256QAM	1	0	17.28	17.20	17.23	17.50
		1	25	17.20	17.16	17.13	17.50
		1	49	17.29	17.25	17.31	17.50
		25	0	17.13	17.17	17.31	17.50
		25	13	17.27	17.09	17.18	17.50



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Bandwidth	Modulation	RB size	RB offset	25	25	17.16	17.27	17.00	17.50
				50	0	17.06	17.10	17.08	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				132047	132322	132597			
15MHz	QPSK	1	0	17.19	17.31	17.14	17.50		
		1	38	17.12	17.24	17.09	17.50		
		1	74	17.28	17.23	17.41	17.50		
		36	0	17.20	17.11	17.37	17.50		
		36	18	17.16	17.06	17.22	17.50		
		36	39	17.18	17.22	17.03	17.50		
		75	0	17.14	16.94	17.13	17.50		
	16QAM	1	0	17.29	17.25	17.17	17.50		
		1	38	17.22	17.23	17.11	17.50		
		1	74	17.24	17.33	17.29	17.50		
		36	0	17.19	17.19	17.28	17.50		
		36	18	17.13	17.18	17.23	17.50		
		36	39	17.14	17.31	17.13	17.50		
		75	0	17.18	17.03	17.09	17.50		
	64QAM	1	0	17.22	17.15	17.18	17.50		
		1	38	17.13	17.17	17.13	17.50		
		1	74	17.25	17.22	17.29	17.50		
		36	0	17.23	17.11	17.34	17.50		
		36	18	17.21	17.14	17.29	17.50		
		36	39	17.16	17.25	17.09	17.50		
		75	0	17.17	16.96	17.05	17.50		
	256QAM	1	0	17.32	17.27	17.16	17.50		
		1	38	17.15	17.21	17.20	17.50		
		1	74	17.27	17.25	17.33	17.50		
		36	0	17.16	17.20	17.27	17.50		
		36	18	17.24	17.15	17.20	17.50		
		36	39	17.17	17.22	17.00	17.50		
		75	0	17.10	17.08	17.05	17.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				132072	132322	132572			
20MHz	QPSK	1	0	17.23	17.21	17.11	17.50		
		1	50	17.17	17.15	17.12	17.50		
		1	99	17.31	17.28	17.37	17.50		
		50	0	17.16	17.15	17.34	17.50		
		50	25	17.22	17.07	17.24	17.50		
		50	50	17.16	17.21	17.03	17.50		



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		100	0	17.13	17.00	17.16	17.50
16QAM	1	0	17.27	17.19	17.18	17.50	
	1	50	17.22	17.17	17.12	17.50	
	1	99	17.29	17.25	17.36	17.50	
	50	0	17.13	17.14	17.30	17.50	
	50	25	17.11	17.12	17.20	17.50	
	50	50	17.13	17.22	17.17	17.50	
	100	0	17.20	17.07	17.14	17.50	
64QAM	1	0	17.24	17.19	17.12	17.50	
	1	50	17.17	17.21	17.12	17.50	
	1	99	17.24	17.27	17.32	17.50	
	50	0	17.18	17.19	17.34	17.50	
	50	25	17.19	17.09	17.34	17.50	
	50	50	17.24	17.25	17.00	17.50	
	100	0	17.16	17.05	17.13	17.50	
256QAM	1	0	17.31	17.28	17.22	17.50	
	1	50	17.16	17.15	17.10	17.50	
	1	99	17.29	17.24	17.36	17.50	
	50	0	17.12	17.26	17.31	17.50	
	50	25	17.18	17.15	17.25	17.50	
	50	50	17.19	17.24	16.98	17.50	
	100	0	17.06	17.06	17.09	17.50	



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LTE Band 66 DSI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	14.25	14.18	14.14	14.50
		1	2	14.16	14.12	14.09	14.50
		1	5	14.31	14.24	14.36	14.50
		3	0	14.21	14.11	14.39	14.50
		3	1	14.20	14.06	14.23	14.50
		3	3	14.18	14.24	13.98	14.50
		6	0	14.14	14.05	14.12	14.50
	16QAM	1	0	14.30	14.16	14.22	14.50
		1	2	14.23	14.18	14.16	14.50
		1	5	14.24	14.28	14.36	14.50
		3	0	14.15	14.10	14.26	14.50
		3	1	14.13	14.08	14.20	14.50
		3	3	14.12	14.21	14.16	14.50
		6	0	14.16	14.12	14.19	14.50
	64QAM	1	0	14.24	14.16	14.10	14.50
		1	2	14.21	14.17	14.15	14.50
		1	5	14.24	14.25	14.29	14.50
		3	0	14.23	14.20	14.32	14.50
		3	1	14.18	14.11	14.38	14.50
		3	3	14.19	14.30	14.04	14.50
		6	0	14.15	14.10	14.12	14.50
	256QAM	1	0	14.33	14.25	14.17	14.50
		1	2	14.11	14.15	14.15	14.50
		1	5	14.27	14.29	14.33	14.50
		3	0	14.14	14.21	14.33	14.50
		3	1	14.16	14.10	14.22	14.50
		3	3	14.17	14.25	13.98	14.50
		6	0	14.04	14.05	14.05	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	14.23	14.19	14.14	14.50
		1	7	14.21	14.10	14.09	14.50
		1	14	14.27	14.31	14.36	14.50
		8	0	14.17	14.12	14.34	14.50
		8	4	14.25	14.04	14.26	14.50
		8	7	14.15	14.23	13.99	14.50
		8	7	14.15	14.23	13.99	14.50



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		15	0	14.14	14.05	14.11	14.50
	16QAM	1	0	14.31	14.21	14.16	14.50
		1	7	14.19	14.22	14.17	14.50
		1	14	14.31	14.29	14.40	14.50
		8	0	14.09	14.12	14.31	14.50
		8	4	14.16	14.15	14.18	14.50
		8	7	14.17	14.20	14.16	14.50
		15	0	14.20	14.07	14.17	14.50
	64QAM	1	0	14.21	14.16	14.11	14.50
		1	7	14.14	14.16	14.12	14.50
		1	14	14.24	14.25	14.29	14.50
		8	0	14.13	14.18	14.32	14.50
		8	4	14.17	14.08	14.33	14.50
		8	7	14.19	14.22	13.99	14.50
		15	0	14.15	14.02	14.08	14.50
	256QAM	1	0	14.32	14.33	14.21	14.50
		1	7	14.19	14.18	14.13	14.50
		1	14	14.25	14.25	14.38	14.50
		8	0	14.13	14.22	14.34	14.50
		8	4	14.22	14.15	14.22	14.50
		8	7	14.15	14.26	14.02	14.50
		15	0	14.07	14.02	14.12	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	14.19	14.21	14.16	14.50
		1	13	14.20	14.13	14.15	14.50
		1	24	14.34	14.24	14.33	14.50
		12	0	14.14	14.11	14.39	14.50
		12	6	14.21	14.11	14.22	14.50
		12	13	14.14	14.24	14.03	14.50
		25	0	14.12	14.01	14.20	14.50
	16QAM	1	0	14.31	14.16	14.16	14.50
		1	13	14.20	14.20	14.17	14.50
		1	24	14.26	14.21	14.37	14.50
		12	0	14.17	14.12	14.28	14.50
		12	6	14.10	14.07	14.24	14.50
		12	13	14.11	14.22	14.19	14.50
		25	0	14.25	14.08	14.15	14.50
	64QAM	1	0	14.26	14.21	14.07	14.50
		1	13	14.13	14.17	14.12	14.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132022	132322	132622		
10MHz	256QAM	1	24	14.20	14.30	14.32	14.50	
		12	0	14.20	14.24	14.30	14.50	
		12	6	14.15	14.08	14.34	14.50	
		12	13	14.27	14.26	14.03	14.50	
		25	0	14.12	14.07	14.15	14.50	
		1	0	14.28	14.23	14.19	14.50	
		1	13	14.12	14.11	14.15	14.50	
		1	24	14.28	14.29	14.34	14.50	
		12	0	14.09	14.30	14.34	14.50	
		12	6	14.19	14.13	14.23	14.50	
	12	13	14.19	14.28	14.02	14.50		
	25	0	14.02	14.05	14.07	14.50		
	QPSK	1	0	14.20	14.21	14.15	14.50	
		1	25	14.20	14.10	14.09	14.50	
		1	49	14.32	14.27	14.42	14.50	
		25	0	14.12	14.18	14.35	14.50	
		25	13	14.26	14.07	14.19	14.50	
		25	25	14.13	14.24	14.08	14.50	
		50	0	14.15	13.97	14.17	14.50	
		16QAM	1	0	14.29	14.18	14.18	14.50
			1	25	14.18	14.19	14.14	14.50
			1	49	14.30	14.28	14.31	14.50
			25	0	14.09	14.10	14.27	14.50
			25	13	14.09	14.10	14.17	14.50
			25	25	14.14	14.26	14.22	14.50
		64QAM	50	0	14.24	14.09	14.19	14.50
			1	0	14.26	14.16	14.07	14.50
			1	25	14.17	14.22	14.08	14.50
			1	49	14.29	14.24	14.31	14.50
			25	0	14.21	14.20	14.39	14.50
25	13		14.18	14.11	14.33	14.50		
256QAM	25	25	14.28	14.27	13.98	14.50		
	50	0	14.18	14.02	14.11	14.50		
	1	0	14.30	14.30	14.27	14.50		
	1	25	14.21	14.12	14.06	14.50		
	1	49	14.24	14.22	14.38	14.50		
	25	0	14.17	14.27	14.30	14.50		
256QAM	25	13	14.22	14.18	14.22	14.50		



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Bandwidth	Modulation	RB size	RB offset	25	25	14.14	14.20	13.95	14.50	
				50	0	14.09	14.08	14.13	14.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				132047	132322	132597				
15MHz	QPSK	1	0	14.25	14.17	14.13	14.50			
		1	38	14.15	14.14	14.15	14.50			
		1	74	14.34	14.31	14.34	14.50			
		36	0	14.14	14.14	14.36	14.50			
		36	18	14.24	14.04	14.21	14.50			
		36	39	14.18	14.23	13.98	14.50			
		75	0	14.11	14.05	14.11	14.50			
	16QAM	1	0	14.22	14.14	14.13	14.50			
		1	38	14.21	14.20	14.11	14.50			
		1	74	14.34	14.28	14.36	14.50			
		36	0	14.11	14.11	14.31	14.50			
		36	18	14.14	14.11	14.19	14.50			
		36	39	14.08	14.24	14.22	14.50			
		75	0	14.17	14.07	14.18	14.50			
	64QAM	1	0	14.21	14.15	14.17	14.50			
		1	38	14.13	14.21	14.08	14.50			
		1	74	14.19	14.27	14.33	14.50			
		36	0	14.14	14.15	14.36	14.50			
		36	18	14.15	14.12	14.39	14.50			
		36	39	14.26	14.26	14.01	14.50			
		75	0	14.14	14.04	14.08	14.50			
	256QAM	1	0	14.28	14.23	14.17	14.50			
		1	38	14.14	14.16	14.07	14.50			
		1	74	14.33	14.21	14.33	14.50			
		36	0	14.11	14.29	14.29	14.50			
		36	18	14.23	14.10	14.20	14.50			
		36	39	14.22	14.22	13.97	14.50			
		75	0	14.07	14.07	14.05	14.50			
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
					132072	132322	132572			
	20MHz	QPSK	1	0	14.22	14.24	14.12	14.50		
			1	50	14.12	14.19	14.11	14.50		
			1	99	14.35	14.31	14.37	14.50		
			50	0	14.11	14.10	14.39	14.50		
			50	25	14.23	14.03	14.23	14.50		
			50	50	14.21	14.19	13.99	14.50		



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		100	0	14.08	13.98	14.15	14.50
16QAM	1	0	14.22	14.24	14.15	14.50	
	1	50	14.25	14.13	14.15	14.50	
	1	99	14.34	14.28	14.36	14.50	
	50	0	14.08	14.17	14.29	14.50	
	50	25	14.09	14.14	14.20	14.50	
	50	50	14.16	14.24	14.20	14.50	
	100	0	14.23	14.05	14.11	14.50	
64QAM	1	0	14.28	14.19	14.17	14.50	
	1	50	14.12	14.21	14.12	14.50	
	1	99	14.29	14.32	14.34	14.50	
	50	0	14.18	14.22	14.31	14.50	
	50	25	14.24	14.04	14.34	14.50	
	50	50	14.21	14.30	13.95	14.50	
	100	0	14.17	14.07	14.09	14.50	
256QAM	1	0	14.29	14.26	14.17	14.50	
	1	50	14.13	14.17	14.13	14.50	
	1	99	14.32	14.19	14.33	14.50	
	50	0	14.10	14.26	14.28	14.50	
	50	25	14.19	14.14	14.22	14.50	
	50	50	14.19	14.19	13.94	14.50	
	100	0	14.07	14.01	14.11	14.50	



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LTE Band 66 DSI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.05	23.14	23.24	24.00
		1	2	23.19	23.18	23.18	24.00
		1	5	22.99	23.03	23.13	24.00
		3	0	23.09	23.21	23.17	24.00
		3	1	23.20	23.28	23.14	24.00
		3	3	23.06	23.21	23.02	24.00
		6	0	22.65	22.67	22.85	23.00
	16QAM	1	0	22.71	22.64	22.73	23.00
		1	2	22.82	22.58	22.79	23.00
		1	5	22.76	22.79	22.65	23.00
		3	0	22.65	22.51	22.52	23.00
		3	1	22.32	22.37	22.51	23.00
		3	3	22.37	22.43	22.35	23.00
		6	0	21.77	21.82	21.62	22.00
	64QAM	1	0	21.75	21.75	21.82	22.00
		1	2	21.87	21.74	21.62	22.00
		1	5	21.71	21.61	21.77	22.00
		3	0	21.82	21.69	21.83	22.00
		3	1	21.72	21.71	21.89	22.00
		3	3	21.57	21.74	21.61	22.00
		6	0	20.54	20.54	20.58	21.00
	256QAM	1	0	18.81	18.81	18.79	19.00
		1	2	18.60	18.75	18.71	19.00
		1	5	18.82	18.89	18.86	19.00
3		0	18.75	18.67	18.81	19.00	
3		1	18.82	18.80	18.82	19.00	
3		3	18.68	18.69	18.63	19.00	
6		0	18.65	18.69	18.66	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.05	23.22	23.18	24.00
		1	7	23.12	23.16	23.31	24.00
		1	14	23.16	23.17	23.05	24.00
		8	0	22.68	22.69	22.75	23.00
		8	4	22.68	22.64	22.54	23.00
		8	7	22.74	22.69	22.66	23.00
		8	7	22.74	22.69	22.66	23.00



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		15	0	22.66	22.71	22.73	23.00
	16QAM	1	0	22.64	22.56	22.43	23.00
		1	7	22.42	22.52	22.44	23.00
		1	14	22.51	22.35	22.51	23.00
		8	0	21.67	21.69	21.64	22.00
		8	4	21.68	21.78	21.69	22.00
		8	7	21.88	21.74	21.61	22.00
		15	0	21.72	21.66	21.63	22.00
	64QAM	1	0	21.76	21.80	21.71	22.00
		1	7	21.73	21.72	21.78	22.00
		1	14	21.76	21.66	21.69	22.00
		8	0	20.75	20.76	20.73	21.00
		8	4	20.61	20.67	20.68	21.00
		8	7	20.67	20.61	20.68	21.00
		15	0	20.57	20.73	20.55	21.00
	256QAM	1	0	18.81	18.72	18.80	19.00
		1	7	18.61	18.66	18.64	19.00
		1	14	18.72	18.88	18.92	19.00
		8	0	18.82	18.76	18.88	19.00
		8	4	18.70	18.76	18.72	19.00
		8	7	18.63	18.80	18.76	19.00
		15	0	18.66	18.67	18.57	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.01	23.08	23.09	24.00
		1	13	23.12	23.22	23.31	24.00
		1	24	23.03	23.02	23.13	24.00
		12	0	22.63	22.68	22.83	23.00
		12	6	22.74	22.75	22.64	23.00
		12	13	22.81	22.69	22.63	23.00
		25	0	22.62	22.74	22.79	23.00
	16QAM	1	0	22.51	22.55	22.41	23.00
		1	13	22.29	22.38	22.47	23.00
		1	24	22.50	22.44	22.32	23.00
		12	0	21.83	21.76	21.59	22.00
		12	6	21.62	21.78	21.65	22.00
		12	13	21.97	21.79	21.81	22.00
		25	0	21.65	21.61	21.77	22.00
	64QAM	1	0	21.81	21.85	21.71	22.00
		1	13	21.65	21.83	21.73	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				132022	132322	132622			
10MHz	256QAM	1	24	21.67	21.76	21.68	22.00		
		12	0	20.72	20.81	20.77	21.00		
		12	6	20.58	20.74	20.78	21.00		
		12	13	20.51	20.69	20.51	21.00		
		25	0	20.58	20.66	20.65	21.00		
		1	0	18.78	18.86	18.77	19.00		
		1	13	18.66	18.81	18.80	19.00		
		1	24	18.74	18.78	18.83	19.00		
		12	0	18.81	18.75	18.76	19.00		
		12	6	18.66	18.80	18.84	19.00		
	12	13	18.68	18.67	18.68	19.00			
	25	0	18.80	18.73	18.57	19.00			
	10MHz	QPSK	1	0	23.17	23.16	23.26	24.00	
			1	25	23.14	23.29	23.29	24.00	
			1	49	23.04	23.17	23.04	24.00	
			25	0	22.62	22.69	22.76	23.00	
			25	13	22.68	22.74	22.63	23.00	
			25	25	22.83	22.76	22.63	23.00	
			50	0	22.71	22.65	22.79	23.00	
			16QAM	1	0	22.61	22.40	22.38	23.00
				1	25	22.35	22.45	22.46	23.00
				1	49	22.45	22.40	22.46	23.00
		25		0	21.82	21.69	21.70	22.00	
		25		13	21.71	21.67	21.67	22.00	
		25		25	21.83	21.75	21.80	22.00	
		50		0	21.77	21.65	21.72	22.00	
		64QAM		1	0	21.88	21.86	21.70	22.00
			1	25	21.69	21.69	21.79	22.00	
1			49	21.68	21.74	21.75	22.00		
25			0	20.68	20.65	20.70	21.00		
25			13	20.63	20.61	20.67	21.00		
25			25	20.69	20.60	20.56	21.00		
50			0	20.55	20.71	20.71	21.00		
256QAM			1	0	18.83	18.85	18.74	19.00	
		1	25	18.77	18.66	18.72	19.00		
		1	49	18.75	18.87	18.79	19.00		
		25	0	18.73	18.83	18.75	19.00		
		25	13	18.82	18.70	18.68	19.00		



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Bandwidth	Modulation	RB size	RB offset	25	25	18.78	18.65	18.69	19.00
				50	0	18.72	18.55	18.49	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				132047	132322	132597			
15MHz	QPSK	1	0	23.06	23.06	23.23	24.00		
		1	38	23.11	23.18	23.29	24.00		
		1	74	23.04	23.09	23.09	24.00		
		36	0	22.67	22.78	22.73	23.00		
		36	18	22.66	22.70	22.53	23.00		
		36	39	22.67	22.62	22.80	23.00		
		75	0	22.63	22.75	22.73	23.00		
	16QAM	1	0	22.48	22.45	22.34	23.00		
		1	38	22.38	22.48	22.52	23.00		
		1	74	22.44	22.44	22.41	23.00		
		36	0	21.68	21.70	21.70	22.00		
		36	18	21.73	21.75	21.80	22.00		
		36	39	21.97	21.83	21.66	22.00		
		75	0	21.69	21.73	21.71	22.00		
	64QAM	1	0	21.76	21.76	21.67	22.00		
		1	38	21.74	21.74	21.89	22.00		
		1	74	21.58	21.81	21.63	22.00		
		36	0	20.76	20.76	20.65	21.00		
		36	18	20.73	20.73	20.69	21.00		
		36	39	20.53	20.75	20.64	21.00		
		75	0	20.50	20.59	20.53	21.00		
	256QAM	1	0	18.75	18.80	18.70	19.00		
		1	38	18.61	18.76	18.67	19.00		
		1	74	18.82	18.76	18.83	19.00		
		36	0	18.77	18.67	18.86	19.00		
		36	18	18.75	18.77	18.86	19.00		
		36	39	18.80	18.83	18.62	19.00		
		75	0	18.78	18.55	18.55	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				132072	132322	132572			
20MHz	QPSK	1	0	23.11	23.14	23.18	24.00		
		1	50	23.18	23.24	23.22	24.00		
		1	99	23.07	23.12	23.12	24.00		
		50	0	22.67	22.75	22.80	23.00		
		50	25	22.69	22.72	22.63	23.00		
		50	50	22.77	22.67	22.70	23.00		



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		100	0	22.68	22.71	22.70	23.00
16QAM	1	0	22.55	22.47	22.42	23.00	
	1	50	22.37	22.45	22.46	23.00	
	1	99	22.41	22.43	22.41	23.00	
	50	0	21.76	21.77	21.68	22.00	
	50	25	21.66	21.75	21.75	22.00	
	50	50	21.87	21.78	21.71	22.00	
	100	0	21.70	21.70	21.71	22.00	
64QAM	1	0	21.83	21.77	21.76	22.00	
	1	50	21.75	21.75	21.82	22.00	
	1	99	21.67	21.74	21.65	22.00	
	50	0	20.73	20.72	20.70	21.00	
	50	25	20.67	20.71	20.75	21.00	
	50	50	20.60	20.66	20.61	21.00	
	100	0	20.57	20.64	20.62	21.00	
256QAM	1	0	18.81	18.80	18.73	19.00	
	1	50	18.67	18.76	18.70	19.00	
	1	99	18.82	18.83	18.87	19.00	
	50	0	18.72	18.77	18.84	19.00	
	50	25	18.74	18.71	18.76	19.00	
	50	50	18.72	18.75	18.66	19.00	
	100	0	18.72	18.63	18.59	19.00	



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LTE Band 66 DSI 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.23	19.21	19.21	19.50
		1	2	19.20	19.27	19.17	19.50
		1	5	19.34	19.41	19.32	19.50
		3	0	19.30	19.18	19.37	19.50
		3	1	19.15	19.19	19.37	19.50
		3	3	19.31	19.34	19.16	19.50
		6	0	19.21	18.99	19.19	19.50
	16QAM	1	0	19.22	19.40	19.18	19.50
		1	2	19.13	19.35	19.17	19.50
		1	5	19.39	19.21	19.39	19.50
		3	0	19.26	19.27	19.41	19.50
		3	1	19.10	19.20	19.26	19.50
		3	3	19.17	19.30	19.15	19.50
		6	0	19.29	19.21	19.14	19.50
	64QAM	1	0	19.39	19.27	19.18	19.50
		1	2	19.13	19.17	19.27	19.50
		1	5	19.43	19.36	19.46	19.50
		3	0	19.11	19.29	19.22	19.50
		3	1	19.29	19.23	19.31	19.50
		3	3	19.33	19.16	19.09	19.50
		6	0	19.24	19.22	19.14	19.50
	256QAM	1	0	18.90	18.86	18.79	19.00
		1	2	18.64	18.74	18.64	19.00
		1	5	18.89	18.71	18.93	19.00
		3	0	18.74	18.87	18.70	19.00
		3	1	18.66	18.71	18.93	19.00
		3	3	18.61	18.85	18.75	19.00
		6	0	18.88	18.51	18.72	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	19.26	19.27	19.24	19.50
		1	7	19.29	19.29	19.05	19.50
		1	14	19.22	19.31	19.35	19.50
		8	0	19.17	19.23	19.38	19.50
		8	4	19.27	19.26	19.37	19.50
		8	7	19.20	19.36	19.08	19.50
						131987	132322



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		15	0	19.14	19.10	19.21	19.50
	16QAM	1	0	19.26	19.23	19.30	19.50
		1	7	19.13	19.19	19.26	19.50
		1	14	19.37	19.37	19.36	19.50
		8	0	19.11	19.27	19.38	19.50
		8	4	19.22	19.32	19.21	19.50
		8	7	19.17	19.30	19.15	19.50
		15	0	19.17	19.17	19.17	19.50
	64QAM	1	0	19.38	19.30	19.25	19.50
		1	7	19.14	19.23	19.26	19.50
		1	14	19.31	19.24	19.36	19.50
		8	0	19.14	19.23	19.28	19.50
		8	4	19.31	19.26	19.17	19.50
		8	7	19.19	19.21	19.17	19.50
		15	0	19.16	19.19	19.01	19.50
	256QAM	1	0	18.77	18.88	18.89	19.00
		1	7	18.58	18.83	18.70	19.00
		1	14	18.92	18.78	18.93	19.00
		8	0	18.76	18.69	18.79	19.00
		8	4	18.63	18.76	18.85	19.00
		8	7	18.74	18.80	18.70	19.00
		15	0	18.87	18.45	18.62	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.29	19.22	19.21	19.50
		1	13	19.15	19.24	19.07	19.50
		1	24	19.23	19.23	19.36	19.50
		12	0	19.29	19.17	19.34	19.50
		12	6	19.27	19.27	19.34	19.50
		12	13	19.12	19.33	19.12	19.50
		25	0	19.22	19.03	19.18	19.50
	16QAM	1	0	19.28	19.23	19.12	19.50
		1	13	19.21	19.23	19.25	19.50
		1	24	19.47	19.24	19.34	19.50
		12	0	19.22	19.21	19.41	19.50
		12	6	19.28	19.34	19.37	19.50
		12	13	19.21	19.30	19.19	19.50
		25	0	19.32	19.11	19.08	19.50
	64QAM	1	0	19.34	19.28	19.18	19.50
		1	13	19.26	19.31	19.30	19.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132022	132322	132622		
10MHz	256QAM	1	24	19.26	19.33	19.26	19.50	
		12	0	19.10	19.19	19.22	19.50	
		12	6	19.26	19.26	19.22	19.50	
		12	13	19.21	19.27	19.06	19.50	
		25	0	19.29	19.15	19.06	19.50	
		1	0	18.78	18.96	18.90	19.00	
		1	13	18.54	18.82	18.62	19.00	
		1	24	18.90	18.85	18.88	19.00	
		12	0	18.65	18.72	18.75	19.00	
		12	6	18.71	18.77	18.90	19.00	
	12	13	18.56	18.87	18.78	19.00		
	25	0	18.77	18.62	18.54	19.00		
	QPSK	1	0	19.41	19.23	19.24	19.50	
		1	25	19.31	19.15	19.17	19.50	
		1	49	19.28	19.27	19.43	19.50	
		25	0	19.15	19.31	19.45	19.50	
		25	13	19.18	19.18	19.19	19.50	
		25	25	19.27	19.22	19.20	19.50	
		50	0	19.30	18.98	19.13	19.50	
		16QAM	1	0	19.41	19.30	19.24	19.50
			1	25	19.16	19.37	19.16	19.50
			1	49	19.40	19.39	19.38	19.50
			25	0	19.11	19.17	19.43	19.50
			25	13	19.26	19.18	19.27	19.50
			25	25	19.29	19.30	19.17	19.50
		64QAM	50	0	19.31	19.07	19.14	19.50
			1	0	19.38	19.35	19.32	19.50
			1	25	19.13	19.31	19.24	19.50
1			49	19.34	19.24	19.26	19.50	
25			0	19.16	19.33	19.20	19.50	
25	13		19.32	19.18	19.14	19.50		
256QAM	25	25	19.34	19.18	19.12	19.50		
	50	0	19.13	19.06	19.14	19.50		
	1	0	18.85	18.82	18.75	19.00		
	1	25	18.57	18.70	18.57	19.00		
	1	49	18.94	18.85	18.98	19.00		
256QAM	25	0	18.58	18.77	18.76	19.00		
	25	13	18.70	18.73	18.73	19.00		



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Bandwidth	Modulation	RB size	RB offset	25	25	18.63	18.71	18.65	19.00
				50	0	18.86	18.46	18.58	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				132047	132322	132597			
15MHz	QPSK	1	0	19.29	19.20	19.32	19.50		
		1	38	19.17	19.33	19.25	19.50		
		1	74	19.35	19.23	19.34	19.50		
		36	0	19.31	19.31	19.37	19.50		
		36	18	19.19	19.16	19.28	19.50		
		36	39	19.15	19.27	19.05	19.50		
		75	0	19.19	19.09	19.05	19.50		
	16QAM	1	0	19.35	19.35	19.30	19.50		
		1	38	19.07	19.21	19.24	19.50		
		1	74	19.33	19.30	19.39	19.50		
		36	0	19.11	19.34	19.26	19.50		
		36	18	19.20	19.29	19.34	19.50		
		36	39	19.29	19.19	19.15	19.50		
		75	0	19.25	19.13	19.13	19.50		
	64QAM	1	0	19.25	19.21	19.28	19.50		
		1	38	19.15	19.19	19.31	19.50		
		1	74	19.41	19.25	19.43	19.50		
		36	0	19.27	19.37	19.38	19.50		
		36	18	19.17	19.17	19.26	19.50		
		36	39	19.22	19.27	19.10	19.50		
		75	0	19.20	19.22	19.03	19.50		
	256QAM	1	0	18.93	18.95	18.90	19.00		
		1	38	18.56	18.77	18.55	19.00		
		1	74	18.83	18.84	18.91	19.00		
		36	0	18.66	18.86	18.72	19.00		
		36	18	18.66	18.78	18.82	19.00		
		36	39	18.70	18.71	18.72	19.00		
		75	0	18.88	18.48	18.61	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				132072	132322	132572			
20MHz	QPSK	1	0	19.33	19.27	19.22	19.50		
		1	50	19.21	19.25	19.15	19.50		
		1	99	19.32	19.32	19.38	19.50		
		50	0	19.24	19.23	19.38	19.50		
		50	25	19.24	19.17	19.29	19.50		
		50	50	19.22	19.29	19.12	19.50		



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		100	0	19.20	19.08	19.13	19.50
16QAM	1	0	19.32	19.33	19.22	19.50	
	1	50	19.16	19.28	19.18	19.50	
	1	99	19.37	19.29	19.34	19.50	
	50	0	19.19	19.24	19.34	19.50	
	50	25	19.20	19.25	19.28	19.50	
	50	50	19.23	19.26	19.19	19.50	
	100	0	19.23	19.12	19.08	19.50	
64QAM	1	0	19.33	19.25	19.28	19.50	
	1	50	19.19	19.25	19.23	19.50	
	1	99	19.36	19.32	19.36	19.50	
	50	0	19.17	19.28	19.30	19.50	
	50	25	19.27	19.26	19.22	19.50	
	50	50	19.24	19.22	19.15	19.50	
	100	0	19.20	19.15	19.11	19.50	
256QAM	1	0	18.86	18.89	18.82	19.00	
	1	50	18.58	18.77	18.61	19.00	
	1	99	18.90	18.79	18.91	19.00	
	50	0	18.68	18.78	18.79	19.00	
	50	25	18.70	18.81	18.83	19.00	
	50	50	18.66	18.79	18.69	19.00	
	100	0	18.81	18.53	18.64	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	16.31	16.40	16.19	16.50
		1	2	16.24	16.20	16.14	16.50
		1	5	16.36	16.23	16.34	16.50
		3	0	16.20	16.10	16.41	16.50
		3	1	16.36	16.14	16.15	16.50
		3	3	16.18	16.21	16.18	16.50
		6	0	16.24	16.02	16.27	16.50
	16QAM	1	0	16.42	16.25	16.22	16.50
		1	2	16.34	16.29	16.14	16.50
		1	5	16.30	16.34	16.40	16.50
		3	0	16.20	16.10	16.40	16.50
		3	1	16.24	16.30	16.32	16.50
		3	3	16.22	16.21	16.17	16.50
		6	0	16.20	16.16	16.23	16.50
	64QAM	1	0	16.36	16.17	16.29	16.50
		1	2	16.13	16.19	16.25	16.50
		1	5	16.28	16.19	16.37	16.50
		3	0	16.33	16.24	16.37	16.50
		3	1	16.28	16.25	16.38	16.50
		3	3	16.25	16.16	16.02	16.50
		6	0	16.28	16.08	16.18	16.50
	256QAM	1	0	16.35	16.40	16.33	16.50
		1	2	16.29	16.30	16.22	16.50
		1	5	16.39	16.38	16.36	16.50
		3	0	16.24	16.17	16.39	16.50
		3	1	16.28	16.27	16.34	16.50
		3	3	16.33	16.34	16.03	16.50
		6	0	16.12	16.04	16.19	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	16.28	16.37	16.15	16.50
		1	7	16.15	16.31	16.25	16.50
		1	14	16.39	16.26	16.40	16.50
		8	0	16.31	16.11	16.41	16.50
		8	4	16.28	16.21	16.31	16.50
		8	7	16.17	16.40	16.02	16.50
						131987	132322



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		15	0	16.21	15.98	16.19	16.50
	16QAM	1	0	16.29	16.15	16.25	16.50
		1	7	16.22	16.29	16.17	16.50
		1	14	16.24	16.42	16.39	16.50
		8	0	16.27	16.27	16.28	16.50
		8	4	16.24	16.11	16.31	16.50
		8	7	16.17	16.22	16.14	16.50
		15	0	16.24	16.12	16.25	16.50
	64QAM	1	0	16.40	16.17	16.26	16.50
		1	7	16.29	16.19	16.22	16.50
		1	14	16.23	16.33	16.44	16.50
		8	0	16.22	16.26	16.26	16.50
		8	4	16.20	16.13	16.25	16.50
		8	7	16.18	16.28	16.08	16.50
		15	0	16.16	16.06	16.09	16.50
	256QAM	1	0	16.37	16.32	16.16	16.50
		1	7	16.17	16.20	16.13	16.50
		1	14	16.37	16.23	16.32	16.50
		8	0	16.24	16.20	16.37	16.50
		8	4	16.19	16.17	16.37	16.50
		8	7	16.25	16.28	16.15	16.50
		15	0	16.15	16.11	16.17	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	16.20	16.37	16.20	16.50
		1	13	16.21	16.34	16.17	16.50
		1	24	16.22	16.21	16.41	16.50
		12	0	16.25	16.16	16.29	16.50
		12	6	16.32	16.03	16.27	16.50
		12	13	16.19	16.22	16.12	16.50
		25	0	16.12	16.13	16.09	16.50
	16QAM	1	0	16.29	16.28	16.33	16.50
		1	13	16.17	16.27	16.23	16.50
		1	24	16.37	16.40	16.38	16.50
		12	0	16.32	16.27	16.32	16.50
		12	6	16.25	16.24	16.20	16.50
		12	13	16.24	16.24	16.17	16.50
		25	0	16.26	16.06	16.25	16.50
	64QAM	1	0	16.39	16.28	16.23	16.50
		1	13	16.18	16.17	16.17	16.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				132022	132322	132622			
10MHz	256QAM	1	24	16.20	16.33	16.26	16.50		
		12	0	16.24	16.13	16.36	16.50		
		12	6	16.22	16.17	16.25	16.50		
		12	13	16.34	16.30	16.13	16.50		
		25	0	16.16	16.07	16.12	16.50		
		1	0	16.38	16.30	16.21	16.50		
		1	13	16.28	16.13	16.24	16.50		
		1	24	16.34	16.31	16.34	16.50		
		12	0	16.12	16.31	16.42	16.50		
		12	6	16.36	16.14	16.31	16.50		
	12	13	16.20	16.26	16.06	16.50			
	25	0	16.18	16.04	16.16	16.50			
	10MHz	QPSK	1	0	16.20	16.41	16.18	16.50	
			1	25	16.27	16.32	16.21	16.50	
			1	49	16.29	16.19	16.45	16.50	
			25	0	16.16	16.28	16.36	16.50	
			25	13	16.27	16.16	16.18	16.50	
			25	25	16.29	16.20	16.03	16.50	
			50	0	16.30	16.05	16.22	16.50	
			16QAM	1	0	16.34	16.25	16.33	16.50
				1	25	16.29	16.23	16.22	16.50
				1	49	16.28	16.39	16.36	16.50
		25		0	16.14	16.27	16.37	16.50	
		25		13	16.22	16.24	16.25	16.50	
		25		25	16.31	16.25	16.27	16.50	
		50		0	16.14	16.12	16.10	16.50	
		64QAM		1	0	16.26	16.29	16.15	16.50
				1	25	16.11	16.20	16.16	16.50
				1	49	16.28	16.37	16.34	16.50
			25	0	16.25	16.22	16.30	16.50	
25			13	16.29	16.12	16.39	16.50		
25			25	16.19	16.15	16.09	16.50		
50			0	16.12	16.16	16.23	16.50		
256QAM			1	0	16.32	16.40	16.25	16.50	
		1	25	16.30	16.29	16.10	16.50		
		1	49	16.28	16.28	16.50	16.50		
		25	0	16.20	16.28	16.44	16.50		
		25	13	16.22	16.24	16.33	16.50		



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Bandwidth	Modulation	RB size	RB offset	25	25	16.25	16.36	16.15	16.50
				50	0	16.11	16.01	16.09	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				132047	132322	132597			
15MHz	QPSK	1	0	16.30	16.29	16.26	16.50		
		1	38	16.17	16.20	16.17	16.50		
		1	74	16.27	16.22	16.32	16.50		
		36	0	16.23	16.14	16.43	16.50		
		36	18	16.27	16.14	16.16	16.50		
		36	39	16.19	16.37	15.99	16.50		
		75	0	16.19	16.06	16.20	16.50		
	16QAM	1	0	16.45	16.15	16.27	16.50		
		1	38	16.24	16.21	16.20	16.50		
		1	74	16.25	16.26	16.30	16.50		
		36	0	16.16	16.30	16.34	16.50		
		36	18	16.16	16.16	16.23	16.50		
		36	39	16.20	16.41	16.19	16.50		
		75	0	16.30	16.03	16.24	16.50		
	64QAM	1	0	16.38	16.21	16.12	16.50		
		1	38	16.20	16.34	16.24	16.50		
		1	74	16.29	16.30	16.44	16.50		
		36	0	16.26	16.26	16.28	16.50		
		36	18	16.14	16.06	16.25	16.50		
		36	39	16.22	16.35	16.00	16.50		
		75	0	16.14	16.09	16.21	16.50		
	256QAM	1	0	16.40	16.25	16.33	16.50		
		1	38	16.20	16.16	16.11	16.50		
		1	74	16.40	16.29	16.38	16.50		
		36	0	16.21	16.32	16.46	16.50		
		36	18	16.21	16.14	16.24	16.50		
		36	39	16.21	16.25	16.11	16.50		
		75	0	16.08	16.06	16.16	16.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				132072	132322	132572			
20MHz	QPSK	1	0	16.29	16.31	16.20	16.50		
		1	50	16.22	16.25	16.15	16.50		
		1	99	16.32	16.29	16.41	16.50		
		50	0	16.23	16.18	16.38	16.50		
		50	25	16.26	16.12	16.25	16.50		
		50	50	16.21	16.30	16.09	16.50		



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		100	0	16.22	16.03	16.17	16.50
16QAM	1	0	16.35	16.25	16.23	16.50	
	1	50	16.26	16.26	16.16	16.50	
	1	99	16.29	16.34	16.38	16.50	
	50	0	16.23	16.20	16.34	16.50	
	50	25	16.21	16.21	16.28	16.50	
	50	50	16.21	16.31	16.17	16.50	
	100	0	16.21	16.10	16.17	16.50	
64QAM	1	0	16.32	16.25	16.19	16.50	
	1	50	16.19	16.24	16.16	16.50	
	1	99	16.28	16.27	16.34	16.50	
	50	0	16.27	16.20	16.34	16.50	
	50	25	16.23	16.16	16.34	16.50	
	50	50	16.24	16.25	16.10	16.50	
	100	0	16.19	16.06	16.13	16.50	
256QAM	1	0	16.33	16.30	16.25	16.50	
	1	50	16.25	16.22	16.20	16.50	
	1	99	16.32	16.28	16.41	16.50	
	50	0	16.19	16.27	16.36	16.50	
	50	25	16.27	16.17	16.27	16.50	
	50	50	16.23	16.27	16.07	16.50	
	100	0	16.15	16.11	16.11	16.50	



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