

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

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

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		1	49	16.96	16.80	17.03	18.70
		25	0	16.91	16.81	17.03	18.70
		25	13	16.96	16.81	16.99	18.70
		25	25	16.96	16.76	17.03	18.70
		50	0	16.89	16.82	16.97	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	17.07	16.87	16.99	18.70
		1	38	16.95	16.90	16.86	18.70
		1	74	16.84	16.82	16.84	18.70
		36	0	17.04	16.90	16.87	18.70
		36	18	16.94	16.85	16.85	18.70
		36	39	16.89	16.82	16.96	18.70
		75	0	17.00	16.79	16.87	18.70
	16QAM	1	0	16.99	16.93	16.92	18.70
		1	38	17.00	16.97	16.98	18.70
		1	74	16.96	16.79	16.91	18.70
		36	0	16.93	16.80	16.97	18.70
		36	18	16.97	16.98	16.89	18.70
		36	39	17.00	16.92	16.82	18.70
		75	0	16.91	16.78	16.94	18.70
	64QAM	1	0	17.07	16.85	16.96	18.70
		1	38	16.90	16.83	16.96	18.70
		1	74	16.88	16.78	16.91	18.70
		36	0	16.97	16.93	16.91	18.70
		36	18	16.90	16.82	16.99	18.70
		36	39	16.97	16.80	17.02	18.70
		75	0	16.96	16.77	16.96	18.70
	256QAM	1	0	16.96	16.80	16.98	18.70
		1	38	16.93	16.83	17.03	18.70
		1	74	16.93	16.84	17.01	18.70
		36	0	16.90	16.79	16.99	18.70
		36	18	16.89	16.81	17.00	18.70
		36	39	16.90	16.77	16.99	18.70
		75	0	16.90	16.84	17.01	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	16.90	16.83	16.91	18.70
		1	50	16.99	16.93	16.84	18.70
		1	99	16.90	16.91	16.99	18.70
		50	0	16.95	16.91	16.88	18.70
		50	25	16.88	16.86	16.93	18.70
		50	50	16.94	16.85	17.01	18.70
		100	0	16.93	16.92	16.81	18.70
	16QAM	1	0	16.97	17.01	17.03	18.70
		1	50	17.00	16.92	16.81	18.70
		1	99	17.02	16.92	17.02	18.70
		50	0	16.96	16.89	16.84	18.70
		50	25	17.02	16.89	16.88	18.70
		50	50	16.98	17.00	16.88	18.70
		100	0	16.86	16.85	16.94	18.70
	64QAM	1	0	16.94	16.82	16.98	18.70
		1	50	16.99	16.81	16.94	18.70
		1	99	16.90	16.85	16.92	18.70
		50	0	17.07	16.85	16.91	18.70
		50	25	16.96	16.77	16.96	18.70
		50	50	16.94	16.82	16.97	18.70
		100	0	16.91	16.83	16.99	18.70
	256QAM	1	0	16.93	16.77	16.99	18.70
		1	50	16.89	16.84	17.00	18.70
		1	99	16.95	16.83	16.97	18.70



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		50	0	16.96	16.79	17.00	18.70
		50	25	16.93	16.76	16.98	18.70
		50	50	16.89	16.81	16.96	18.70
		100	0	16.96	16.83	17.00	18.70

LTE Band 2 -QM77051				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	24.31	24.20	23.86	25.00
		1	2	24.02	23.94	23.76	25.00
		1	5	24.01	23.95	24.01	25.00
		3	0	23.68	23.98	23.76	25.00
		3	2	23.95	23.89	23.87	25.00
		3	3	23.84	23.87	23.93	25.00
	16QAM	6	0	22.84	23.09	22.95	24.00
		1	0	22.74	22.77	23.29	24.00
		1	2	23.05	23.30	23.00	24.00
		1	5	23.07	22.71	23.02	24.00
		3	0	23.22	22.85	23.01	24.00
		3	2	22.72	22.94	22.52	24.00
	64QAM	3	3	22.94	22.89	23.06	24.00
		6	0	22.11	22.42	21.83	23.00
		1	0	21.84	21.80	22.08	23.00
		1	2	21.82	21.94	21.93	23.00
		1	5	21.97	22.10	22.15	23.00
		3	0	22.29	22.00	22.21	23.00
3MHz	QPSK	3	2	22.00	21.91	22.05	23.00
		3	3	21.97	21.93	21.99	23.00
		6	0	20.93	20.94	21.36	22.00
	16QAM	1	0	19.08	19.35	18.94	20.00
		1	2	18.86	19.20	18.90	20.00
		1	5	18.95	19.26	18.84	20.00
	64QAM	3	0	19.02	18.97	18.89	20.00
		3	2	18.97	18.80	18.80	20.00
		3	3	18.96	18.72	18.79	20.00
		6	0	19.07	18.66	18.69	20.00
	QPSK	1	0	24.25	24.14	23.86	25.00
		1	7	23.98	23.90	23.85	25.00
		1	14	24.10	23.85	24.04	25.00
		8	0	22.78	23.02	22.84	24.00
		8	4	22.92	22.98	22.87	24.00
		8	7	22.87	22.86	22.92	24.00
	16QAM	15	0	22.84	23.00	23.04	24.00
		1	0	22.75	22.86	23.22	24.00
		1	7	22.95	23.25	23.10	24.00
		1	14	23.10	22.77	22.92	24.00
		8	0	22.18	21.92	22.06	23.00
		8	4	21.82	21.93	21.46	23.00
	64QAM	8	7	21.84	21.94	22.00	23.00
		15	0	22.05	22.35	21.78	23.00
		1	0	21.94	21.89	22.00	23.00
		1	7	21.78	21.90	21.84	23.00
		1	14	21.88	22.06	22.09	23.00
		8	0	21.20	21.09	21.28	22.00
		8	4	20.97	20.96	21.06	22.00
		8	7	20.87	21.03	20.95	22.00
		15	0	20.95	20.98	21.31	22.00



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		1	0	19.16	19.26	18.89	20.00
		1	7	18.83	19.21	18.88	20.00
		1	14	19.01	19.18	18.93	20.00
		8	0	18.95	19.05	18.96	20.00
		8	4	18.97	18.89	18.89	20.00
		8	7	18.97	18.82	18.82	20.00
		15	0	19.06	18.73	18.78	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	24.21	24.08	23.96	25.00
		1	13	24.00	23.92	23.91	25.00
		1	24	24.08	23.93	24.07	25.00
		12	0	22.84	23.11	22.84	24.00
		12	6	22.86	22.98	22.82	24.00
		12	13	22.87	22.81	22.93	24.00
	16QAM	25	0	22.91	22.99	23.10	24.00
		1	0	22.84	22.96	23.13	24.00
		1	13	22.91	23.21	23.09	24.00
		1	24	23.04	22.86	22.94	24.00
		12	0	22.14	22.02	22.04	23.00
		12	6	21.85	21.94	21.53	23.00
	64QAM	12	13	21.94	21.89	21.92	23.00
		25	0	21.96	22.26	21.75	23.00
		1	0	21.85	21.86	22.04	23.00
		1	13	21.82	21.97	21.94	23.00
		1	24	21.88	22.03	22.16	23.00
		12	0	21.25	21.12	21.18	22.00
10MHz	QPSK	12	6	20.99	21.03	21.08	22.00
		12	13	20.95	20.94	20.93	22.00
		25	0	20.98	21.01	21.27	22.00
	16QAM	1	0	19.17	19.20	18.89	20.00
		1	13	18.86	19.11	18.94	20.00
		1	24	19.06	19.15	19.01	20.00
	64QAM	12	0	19.04	19.02	18.93	20.00
		12	6	19.02	18.99	18.93	20.00
		12	13	18.93	18.72	18.88	20.00
		25	0	18.96	18.78	18.75	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	24.20	23.99	23.96	25.00
		1	25	23.91	24.02	23.98	25.00
		1	49	24.13	23.91	23.97	25.00
		25	0	22.80	23.05	22.94	24.00
		25	13	22.88	22.94	22.83	24.00
		25	25	22.91	22.88	22.95	24.00
	16QAM	50	0	22.92	23.00	23.03	24.00
		1	0	22.94	22.87	23.15	24.00
		1	25	22.99	23.16	23.12	24.00
		1	49	23.06	22.94	22.93	24.00
		25	0	22.20	22.00	22.01	23.00
		25	13	21.93	21.94	21.63	23.00
10MHz	64QAM	25	25	21.84	21.93	21.85	23.00
		50	0	22.06	22.20	21.83	23.00
		1	0	21.90	21.94	22.01	23.00
		1	25	21.79	21.88	22.01	23.00
		1	49	21.84	21.95	22.07	23.00
		25	0	21.21	21.22	21.13	22.00
	256QAM	25	13	20.98	20.96	21.08	22.00
		25	25	20.90	20.88	20.87	22.00
		50	0	20.88	20.98	21.25	22.00
	256QAM	1	0	19.21	19.11	18.97	20.00



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		1	25	18.81	19.01	19.03	20.00
		1	49	19.11	19.07	19.09	20.00
		25	0	19.06	19.12	18.96	20.00
		25	13	19.07	19.00	19.00	20.00
		25	25	19.02	18.80	18.84	20.00
		50	0	18.94	18.83	18.74	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	24.11	24.01	24.00	25.00
		1	38	23.99	24.02	24.04	25.00
		1	74	24.03	23.97	23.97	25.00
		36	0	22.83	22.95	22.92	24.00
		36	18	22.84	22.93	22.91	24.00
		36	39	22.83	22.93	22.96	24.00
		75	0	22.92	23.03	22.97	24.00
	16QAM	1	0	22.99	22.95	23.06	24.00
		1	38	22.99	23.07	23.02	24.00
		1	74	23.01	23.03	22.99	24.00
		36	0	22.11	22.05	21.96	23.00
		36	18	21.90	21.94	21.73	23.00
		36	39	21.94	21.97	21.93	23.00
		75	0	21.96	22.10	21.82	23.00
	64QAM	1	0	21.88	21.86	21.92	23.00
		1	38	21.88	21.93	22.03	23.00
		1	74	21.92	21.89	21.99	23.00
		36	0	21.19	21.13	21.12	22.00
		36	18	21.00	20.94	21.11	22.00
		36	39	21.00	20.93	20.97	22.00
		75	0	20.96	21.03	21.19	22.00
	256QAM	1	0	19.12	19.05	19.00	20.00
		1	38	18.89	19.11	19.02	20.00
		1	74	19.05	19.13	19.07	20.00
		36	0	19.16	19.05	18.89	20.00
		36	18	19.13	19.07	19.05	20.00
		36	39	18.96	18.83	18.93	20.00
		75	0	18.86	18.83	18.80	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	24.06	23.97	24.05	25.00
		1	50	24.09	23.96	24.01	25.00
		1	99	24.01	23.93	23.87	25.00
		50	0	22.84	22.95	22.92	24.00
		50	25	22.91	22.94	23.01	24.00
		50	50	22.92	22.97	23.00	24.00
		100	0	22.97	22.97	23.00	24.00
	16QAM	1	0	22.95	22.99	23.10	24.00
		1	50	23.00	23.05	23.02	24.00
		1	99	23.05	23.00	22.94	24.00
		50	0	22.02	22.07	22.04	23.00
		50	25	21.86	21.90	21.83	23.00
		50	50	21.89	21.95	21.96	23.00
		100	0	22.00	22.00	21.89	23.00
	64QAM	1	0	21.91	21.94	21.83	23.00
		1	50	21.87	21.93	21.94	23.00
		1	99	21.88	21.86	21.99	23.00
		50	0	21.09	21.05	21.12	22.00
		50	25	21.02	21.04	21.11	22.00
		50	50	20.98	20.92	20.99	22.00
		100	0	21.01	21.11	21.10	22.00
	256QAM	1	0	19.02	18.99	18.95	20.00
		1	50	18.93	19.05	19.02	20.00



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		1	99	19.01	19.04	19.03	20.00
		50	0	19.07	19.01	18.95	20.00
		50	25	19.03	19.03	19.03	20.00
		50	50	18.91	18.92	18.90	20.00
		100	0	18.94	18.93	18.90	20.00

LTE Band 2 -QM77051 DS11/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	17.99	17.90	18.00	19.20
		1	2	17.96	17.88	17.99	19.20
		1	5	17.98	17.86	17.91	19.20
		3	0	18.11	17.99	18.03	19.20
		3	2	17.98	17.99	17.98	19.20
		3	3	18.04	18.01	18.10	19.20
		6	0	18.08	17.96	18.02	19.20
	16QAM	1	0	17.92	17.86	18.05	19.20
		1	2	18.04	17.90	17.96	19.20
		1	5	18.02	17.96	18.00	19.20
		3	0	17.92	17.83	18.09	19.20
		3	2	17.96	17.90	18.11	19.20
		3	3	18.07	17.91	18.08	19.20
		6	0	18.11	17.90	18.03	19.20
	64QAM	1	0	18.12	17.99	18.03	19.20
		1	2	17.93	17.90	18.00	19.20
		1	5	18.05	17.91	17.98	19.20
		3	0	18.02	17.98	17.93	19.20
		3	2	17.92	17.91	17.91	19.20
		3	3	18.12	17.93	18.07	19.20
		6	0	17.92	17.85	18.02	19.20
	256QAM	1	0	18.06	17.94	17.97	19.20
		1	2	18.01	17.90	18.01	19.20
		1	5	18.02	17.96	18.02	19.20
		3	0	17.96	18.01	17.97	19.20
		3	2	17.94	17.91	17.92	19.20
		3	3	18.07	17.95	18.07	19.20
		6	0	17.99	17.84	18.04	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	18.06	17.96	17.99	19.20
		1	7	17.95	17.80	17.90	19.20
		1	14	17.97	17.96	17.89	19.20
		8	0	18.06	17.98	18.01	19.20
		8	4	18.05	17.89	17.92	19.20
		8	7	17.88	17.86	18.03	19.20
	16QAM	15	0	17.97	17.83	18.04	19.20
		1	0	17.99	17.97	18.09	19.20
		1	7	18.02	17.94	18.06	19.20
		1	14	18.01	18.01	17.93	19.20
		8	0	17.99	17.95	18.08	19.20
		8	4	17.94	17.86	18.01	19.20
	64QAM	8	7	18.00	17.84	17.94	19.20
		15	0	18.07	17.88	17.94	19.20
		1	0	18.06	17.82	18.01	19.20
		1	7	17.98	17.83	18.05	19.20
		1	14	18.05	17.90	17.97	19.20
		8	0	18.01	17.94	17.93	19.20
		8	4	17.92	17.80	17.95	19.20
		8	7	18.03	17.88	18.04	19.20



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	256QAM	15	0	18.11	17.99	18.07	19.20
		1	0	18.07	17.99	18.01	19.20
		1	7	17.99	17.90	18.04	19.20
		1	14	18.01	17.90	18.04	19.20
		8	0	18.03	17.98	17.96	19.20
		8	4	17.99	17.95	17.91	19.20
		8	7	18.07	17.95	18.06	19.20
		15	0	17.98	17.81	17.99	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	17.99	17.93	18.09	19.20
		1	13	17.98	17.85	18.08	19.20
		1	24	17.95	17.98	18.02	19.20
		12	0	18.11	18.02	18.06	19.20
		12	6	18.13	17.97	18.01	19.20
		12	13	18.01	17.96	18.05	19.20
	16QAM	25	0	18.12	17.83	18.11	19.20
		1	0	17.99	17.84	18.06	19.20
		1	13	18.06	18.00	18.07	19.20
		1	24	17.94	17.83	17.95	19.20
		12	0	17.97	17.88	18.09	19.20
		12	6	18.01	17.96	17.97	19.20
	64QAM	12	13	17.96	17.81	17.99	19.20
		25	0	18.05	17.90	18.06	19.20
		1	0	18.03	17.89	17.95	19.20
		1	13	18.03	17.98	18.09	19.20
		1	24	18.08	17.89	17.94	19.20
		12	0	18.11	18.00	17.95	19.20
10MHz	QPSK	12	6	17.98	17.86	18.07	19.20
		12	13	17.89	17.93	17.99	19.20
		25	0	18.11	17.86	18.01	19.20
		1	0	18.09	17.92	17.97	19.20
		1	13	18.00	17.91	18.01	19.20
		1	24	18.02	17.94	18.05	19.20
	16QAM	12	0	17.95	17.94	17.96	19.20
		12	6	17.91	17.98	17.90	19.20
		12	13	18.14	17.93	18.06	19.20
		25	0	17.99	17.81	18.03	19.20
		1	0	18.00	17.91	18.01	19.20
		1	24	18.02	17.94	18.05	19.20
	64QAM	12	0	17.95	17.94	17.96	19.20
		12	6	17.91	17.98	17.90	19.20
		12	13	18.14	17.93	18.06	19.20
		25	0	17.99	17.81	18.03	19.20
		1	0	18.04	17.91	18.04	19.20
		1	25	18.05	17.96	18.05	19.20
	QPSK	1	49	18.09	17.86	17.96	19.20
		25	0	17.91	17.87	18.08	19.20
		25	13	17.90	17.88	18.02	19.20
		25	25	17.94	17.83	17.92	19.20
		50	0	17.96	17.86	18.00	19.20
		1	0	18.04	17.91	18.04	19.20
	16QAM	1	25	18.05	17.96	18.05	19.20
		1	49	18.10	17.94	17.96	19.20
		25	0	18.06	18.03	18.10	19.20
		25	13	18.08	17.98	18.11	19.20
		25	25	18.10	17.88	18.01	19.20
		50	0	17.91	17.97	18.03	19.20
	64QAM	1	0	18.11	18.00	18.05	19.20
		1	25	18.00	17.96	18.02	19.20
		1	49	18.00	17.86	17.93	19.20
		25	0	18.00	17.94	18.04	19.20
		25	13	18.05	17.88	18.06	19.20
		25	25	18.08	17.94	18.07	19.20
		50	0	18.09	17.96	18.04	19.20



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		1	0	18.10	17.99	17.99	19.20
		1	25	18.01	17.95	18.00	19.20
		1	49	18.03	17.90	18.01	19.20
	256QAM	25	0	17.95	17.97	17.94	19.20
		25	13	17.92	17.96	17.98	19.20
		25	25	18.09	18.01	18.08	19.20
		50	0	17.93	17.81	18.05	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	18.06	18.00	18.02	19.20
		1	38	18.03	17.80	18.00	19.20
		1	74	18.03	17.85	18.09	19.20
		36	0	18.01	17.85	17.92	19.20
		36	18	18.06	17.93	17.93	19.20
		36	39	17.97	17.94	17.96	19.20
		75	0	17.99	17.95	18.05	19.20
	16QAM	1	0	17.98	17.95	18.09	19.20
		1	38	18.01	17.86	18.06	19.20
		1	74	17.95	17.95	18.02	19.20
		36	0	18.11	17.91	17.98	19.20
		36	18	18.05	18.01	18.04	19.20
		36	39	17.95	17.90	17.97	19.20
		75	0	17.96	17.86	17.93	19.20
	64QAM	1	0	17.95	17.88	18.04	19.20
		1	38	17.98	17.84	18.00	19.20
		1	74	17.96	17.82	18.08	19.20
		36	0	18.00	18.00	17.93	19.20
		36	18	18.00	17.83	18.01	19.20
		36	39	18.00	17.81	18.09	19.20
		75	0	18.08	17.90	17.89	19.20
	256QAM	1	0	18.06	17.93	18.01	19.20
		1	38	18.01	17.94	17.98	19.20
		1	74	18.02	17.90	18.00	19.20
		36	0	17.98	17.95	17.92	19.20
		36	18	17.95	17.97	17.97	19.20
		36	39	18.11	17.93	18.07	19.20
		75	0	17.99	17.85	18.00	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	18.12	17.83	17.98	19.20
		1	50	18.04	17.87	18.00	19.20
		1	99	17.95	17.96	18.11	19.20
		50	0	17.99	17.86	18.09	19.20
		50	25	18.10	17.98	18.12	19.20
		50	50	18.01	17.92	18.04	19.20
		100	0	18.01	17.88	17.92	19.20
	16QAM	1	0	18.00	17.94	17.89	19.20
		1	50	18.11	17.93	18.07	19.20
		1	99	18.12	17.88	18.00	19.20
		50	0	18.03	17.99	18.07	19.20
		50	25	18.08	17.81	17.99	19.20
		50	50	18.07	18.05	18.06	19.20
		100	0	18.06	17.99	18.01	19.20
	64QAM	1	0	18.07	17.92	17.88	19.20
		1	50	17.95	17.86	17.93	19.20
		1	99	18.08	17.84	18.02	19.20
		50	0	17.91	18.00	17.91	19.20
		50	25	17.90	17.85	18.05	19.20
		50	50	18.04	17.94	17.99	19.20
		100	0	17.96	17.88	18.08	19.20
	256QAM	1	0	18.09	17.97	18.00	19.20



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		1	50	17.93	17.90	18.01	19.20
		1	99	18.01	17.93	18.03	19.20
		50	0	17.97	17.95	17.92	19.20
		50	25	17.98	17.95	17.92	19.20
		50	50	18.10	17.98	18.02	19.20
		100	0	17.92	17.88	18.03	19.20

LTE Band 2 -QM77051 DS13/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	17.61	17.50	17.49	18.70
		1	2	17.42	17.46	17.59	18.70
		1	5	17.59	17.35	17.52	18.70
		3	0	17.49	17.48	17.42	18.70
		3	2	17.54	17.40	17.56	18.70
		3	3	17.50	17.51	17.47	18.70
	16QAM	6	0	17.53	17.40	17.46	18.70
		1	0	17.59	17.30	17.55	18.70
		1	2	17.56	17.48	17.45	18.70
		1	5	17.60	17.41	17.54	18.70
		3	0	17.49	17.37	17.49	18.70
		3	2	17.53	17.44	17.40	18.70
	64QAM	3	3	17.48	17.45	17.55	18.70
		6	0	17.44	17.52	17.40	18.70
		1	0	17.40	17.47	17.48	18.70
		1	2	17.58	17.40	17.42	18.70
		1	5	17.46	17.46	17.46	18.70
		3	0	17.49	17.49	17.46	18.70
	256QAM	3	2	17.45	17.52	17.46	18.70
		3	3	17.43	17.49	17.39	18.70
		6	0	17.45	17.50	17.40	18.70
		1	0	17.50	17.47	17.43	18.70
		1	2	17.42	17.45	17.45	18.70
		1	5	17.47	17.48	17.41	18.70
3MHz	QPSK	3	0	17.43	17.52	17.39	18.70
		3	2	17.43	17.45	17.45	18.70
		3	3	17.42	17.51	17.44	18.70
		6	0	17.48	17.46	17.44	18.70
		1	0	17.47	17.31	17.46	18.70
		1	7	17.52	17.38	17.53	18.70
	16QAM	1	14	17.43	17.48	17.46	18.70
		8	0	17.48	17.43	17.47	18.70
		8	4	17.46	17.40	17.41	18.70
		8	7	17.46	17.47	17.44	18.70
		15	0	17.48	17.45	17.47	18.70
		1	0	17.46	17.32	17.51	18.70
	64QAM	1	7	17.44	17.49	17.63	18.70
		1	14	17.55	17.40	17.55	18.70
		8	0	17.41	17.36	17.38	18.70
		8	4	17.56	17.45	17.48	18.70
		8	7	17.52	17.32	17.44	18.70
		15	0	17.49	17.45	17.46	18.70
		1	0	17.59	17.38	17.53	18.70
		1	7	17.60	17.46	17.42	18.70
		1	14	17.53	17.47	17.47	18.70
		8	0	17.49	17.48	17.39	18.70
		8	4	17.47	17.47	17.40	18.70



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	256QAM	8	7	17.44	17.49	17.40	18.70
		15	0	17.49	17.44	17.41	18.70
		1	0	17.47	17.51	17.47	18.70
		1	7	17.45	17.44	17.47	18.70
		1	14	17.50	17.46	17.45	18.70
		8	0	17.45	17.51	17.44	18.70
		8	4	17.44	17.52	17.45	18.70
		8	7	17.47	17.44	17.43	18.70
		15	0	17.48	17.48	17.39	18.70
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	17.48	17.33	17.54	18.70
		1	13	17.45	17.51	17.59	18.70
		1	24	17.48	17.42	17.45	18.70
		12	0	17.53	17.34	17.59	18.70
		12	6	17.54	17.38	17.40	18.70
		12	13	17.45	17.38	17.55	18.70
	16QAM	25	0	17.61	17.33	17.55	18.70
		1	0	17.52	17.41	17.52	18.70
		1	13	17.49	17.42	17.51	18.70
		1	24	17.53	17.33	17.56	18.70
		12	0	17.51	17.40	17.43	18.70
		12	6	17.45	17.44	17.50	18.70
	64QAM	12	13	17.51	17.42	17.48	18.70
		25	0	17.50	17.49	17.60	18.70
		1	0	17.51	17.51	17.49	18.70
		1	13	17.50	17.39	17.47	18.70
		1	24	17.48	17.47	17.46	18.70
		12	0	17.47	17.51	17.43	18.70
	256QAM	12	6	17.47	17.46	17.42	18.70
		12	13	17.45	17.52	17.47	18.70
		25	0	17.45	17.44	17.39	18.70
		1	0	17.43	17.48	17.45	18.70
		1	13	17.47	17.46	17.44	18.70
		1	24	17.48	17.46	17.43	18.70
		12	0	17.46	17.44	17.45	18.70
		12	6	17.45	17.48	17.39	18.70
		12	13	17.42	17.45	17.45	18.70
		25	0	17.43	17.44	17.44	18.70
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	17.49	17.40	17.57	18.70
		1	25	17.48	17.39	17.56	18.70
		1	49	17.52	17.38	17.49	18.70
		25	0	17.44	17.37	17.37	18.70
		25	13	17.44	17.39	17.39	18.70
		25	25	17.57	17.33	17.56	18.70
	16QAM	50	0	17.49	17.43	17.53	18.70
		1	0	17.43	17.49	17.44	18.70
		1	25	17.57	17.41	17.42	18.70
		1	49	17.43	17.46	17.53	18.70
		25	0	17.47	17.45	17.48	18.70
		25	13	17.62	17.42	17.51	18.70
	64QAM	25	25	17.60	17.41	17.52	18.70
		50	0	17.40	17.46	17.47	18.70
		1	0	17.39	17.51	17.55	18.70
		1	25	17.60	17.49	17.57	18.70
		1	49	17.60	17.43	17.52	18.70
		25	0	17.04	17.04	17.11	18.70
		25	13	17.07	16.96	17.04	18.70
		25	25	17.44	17.44	17.43	18.70



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	256QAM	50	0	17.46	17.50	17.43	18.70
		1	0	17.44	17.46	17.45	18.70
		1	25	17.42	17.48	17.43	18.70
		1	49	17.44	17.50	17.45	18.70
		25	0	17.46	17.47	17.43	18.70
		25	13	17.42	17.47	17.43	18.70
		25	25	17.48	17.51	17.40	18.70
		50	0	17.43	17.47	17.44	18.70
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	17.52	17.45	17.47	18.70
		1	38	17.49	17.49	17.44	18.70
		1	74	17.52	17.35	17.54	18.70
		36	0	17.42	17.44	17.44	18.70
		36	18	17.47	17.39	17.53	18.70
		36	39	17.48	17.44	17.54	18.70
		75	0	17.47	17.34	17.48	18.70
	16QAM	1	0	17.41	17.35	17.47	18.70
		1	38	17.54	17.45	17.62	18.70
		1	74	17.53	17.48	17.55	18.70
		36	0	17.43	17.48	17.56	18.70
		36	18	17.42	17.48	17.46	18.70
		36	39	17.51	17.48	17.60	18.70
		75	0	17.39	17.30	17.49	18.70
	64QAM	1	0	17.50	17.37	17.44	18.70
		1	38	17.56	17.36	17.44	18.70
		1	74	17.63	17.40	17.57	18.70
		36	0	17.42	17.51	17.47	18.70
		36	18	17.42	17.46	17.42	18.70
		36	39	17.46	17.45	17.39	18.70
		75	0	17.42	17.45	17.43	18.70
	256QAM	1	0	17.49	17.52	17.39	18.70
		1	38	17.49	17.47	17.41	18.70
		1	74	17.45	17.51	17.42	18.70
		36	0	17.46	17.47	17.46	18.70
		36	18	17.43	17.50	17.39	18.70
		36	39	17.48	17.46	17.45	18.70
		75	0	17.48	17.46	17.39	18.70
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	17.43	17.40	17.44	18.70
		1	50	17.62	17.38	17.48	18.70
		1	99	17.48	17.47	17.45	18.70
		50	0	17.44	17.40	17.46	18.70
		50	25	17.48	17.48	17.50	18.70
		50	50	17.47	17.47	17.47	18.70
		100	0	17.46	17.38	17.51	18.70
	16QAM	1	0	17.47	17.48	17.49	18.70
		1	50	17.38	17.42	17.58	18.70
		1	99	17.52	17.45	17.53	18.70
		50	0	17.49	17.36	17.55	18.70
		50	25	17.55	17.54	17.56	18.70
		50	50	17.42	17.45	17.38	18.70
		100	0	17.54	17.49	17.44	18.70
	64QAM	1	0	17.39	17.40	17.48	18.70
		1	50	17.62	17.37	17.51	18.70
		1	99	17.59	17.52	17.47	18.70
		50	0	17.49	17.45	17.44	18.70
		50	25	17.47	17.47	17.45	18.70
		50	50	17.42	17.52	17.47	18.70
		100	0	17.46	17.44	17.47	18.70



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	256QAM	1	0	17.50	17.46	17.44	18.70
		1	50	17.43	17.50	17.47	18.70
		1	99	17.46	17.44	17.47	18.70
		50	0	17.47	17.49	17.45	18.70
		50	25	17.45	17.44	17.40	18.70
		50	50	17.44	17.49	17.46	18.70
		100	0	17.48	17.44	17.44	18.70

LTE Band 4 DS13/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	18.35	18.35	18.48	19.70
		1	2	18.40	18.47	18.44	19.70
		1	5	18.33	18.44	18.47	19.70
		3	0	18.35	18.35	18.40	19.70
		3	2	18.44	18.31	18.36	19.70
		3	3	18.39	18.43	18.52	19.70
	16QAM	6	0	18.48	18.38	18.48	19.70
		1	0	18.38	18.35	18.34	19.70
		1	2	18.41	18.45	18.42	19.70
		1	5	18.49	18.35	18.48	19.70
		3	0	18.46	18.43	18.39	19.70
		3	2	18.37	18.49	18.34	19.70
	64QAM	3	3	18.46	18.38	18.30	19.70
		6	0	18.46	18.28	18.49	19.70
		1	0	18.40	18.32	18.52	19.70
		1	2	18.38	18.50	18.42	19.70
		1	5	18.32	18.48	18.33	19.70
		3	0	18.35	18.36	18.34	19.70
	256QAM	3	2	18.30	18.52	18.46	19.70
		3	3	18.33	18.39	18.32	19.70
		6	0	18.34	18.41	18.46	19.70
		1	0	18.39	18.30	18.53	19.70
		1	2	18.33	18.43	18.45	19.70
		1	5	18.30	18.42	18.29	19.70
3MHz	QPSK	3	0	18.41	18.43	18.32	19.70
		3	2	18.38	18.50	18.49	19.70
		3	3	18.28	18.42	18.30	19.70
		6	0	18.37	18.39	18.46	19.70
	16QAM	1	0	18.45	18.34	18.42	19.70
		1	7	18.49	18.37	18.39	19.70
		1	14	18.46	18.32	18.46	19.70
		8	0	18.49	18.39	18.33	19.70
		8	4	18.47	18.36	18.35	19.70
		8	7	18.50	18.41	18.42	19.70
	64QAM	15	0	18.41	18.37	18.44	19.70
		1	0	18.39	18.44	18.46	19.70
		1	7	18.32	18.40	18.43	19.70
		1	14	18.48	18.45	18.29	19.70
		8	0	18.48	18.37	18.33	19.70
		8	4	18.38	18.32	18.40	19.70
	QPSK	8	7	18.30	18.40	18.48	19.70
		15	0	18.41	18.32	18.29	19.70
	16QAM	1	0	18.41	18.48	18.37	19.70
		1	7	18.32	18.50	18.36	19.70
		1	14	18.29	18.44	18.37	19.70
		8	0	18.44	18.41	18.37	19.70



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		8	4	18.45	18.31	18.40	19.70
		8	7	18.38	18.47	18.38	19.70
		15	0	18.45	18.47	18.30	19.70
	256QAM	1	0	18.41	18.31	18.46	19.70
		1	7	18.36	18.50	18.43	19.70
		1	14	18.33	18.47	18.29	19.70
		8	0	18.40	18.38	18.37	19.70
		8	4	18.35	18.50	18.45	19.70
		8	7	18.35	18.38	18.29	19.70
15	0	18.32	18.45	18.43	19.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.40	18.42	18.41	19.70
		1	13	18.34	18.49	18.41	19.70
		1	24	18.38	18.45	18.33	19.70
		12	0	18.38	18.31	18.40	19.70
		12	6	18.30	18.48	18.44	19.70
		12	13	18.45	18.44	18.38	19.70
	16QAM	25	0	18.42	18.43	18.34	19.70
		1	0	18.40	18.32	18.39	19.70
		1	13	18.46	18.52	18.40	19.70
		1	24	18.48	18.49	18.27	19.70
		12	0	18.34	18.42	18.46	19.70
		12	6	18.30	18.38	18.47	19.70
	64QAM	12	13	18.40	18.35	18.42	19.70
		25	0	18.34	18.40	18.39	19.70
		1	0	18.48	18.48	18.30	19.70
		1	13	18.41	18.38	18.38	19.70
		1	24	18.31	18.44	18.40	19.70
		12	0	18.36	18.44	18.44	19.70
	256QAM	12	6	18.38	18.37	18.40	19.70
		12	13	18.38	18.35	18.33	19.70
		25	0	18.44	18.45	18.36	19.70
		1	0	18.40	18.28	18.52	19.70
		1	13	18.40	18.44	18.41	19.70
		1	24	18.37	18.40	18.30	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.35	18.41	18.31	19.70
		1	25	18.43	18.45	18.44	19.70
		1	49	18.50	18.50	18.33	19.70
		25	0	18.45	18.42	18.48	19.70
		25	13	18.46	18.42	18.37	19.70
		25	25	18.36	18.47	18.42	19.70
	16QAM	50	0	18.36	18.47	18.45	19.70
		1	0	18.48	18.44	18.39	19.70
		1	25	18.37	18.52	18.36	19.70
		1	49	18.42	18.47	18.46	19.70
		25	0	18.36	18.48	18.31	19.70
		25	13	18.34	18.35	18.39	19.70
	64QAM	25	25	18.39	18.37	18.40	19.70
		50	0	18.38	18.35	18.40	19.70
		1	0	18.41	18.41	18.40	19.70
		1	25	18.37	18.43	18.49	19.70
		1	49	18.37	18.39	18.41	19.70
		25	0	18.44	18.44	18.31	19.70
25	13	18.49	18.39	18.43	19.70		



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	256QAM	25	25	18.46	18.28	18.32	19.70
		50	0	18.37	18.40	18.44	19.70
		1	0	18.41	18.31	18.45	19.70
		1	25	18.38	18.49	18.38	19.70
		1	49	18.33	18.43	18.35	19.70
		25	0	18.43	18.37	18.34	19.70
		25	13	18.32	18.51	18.47	19.70
		25	25	18.33	18.40	18.29	19.70
		50	0	18.33	18.37	18.43	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	18.38	18.45	18.41	19.70
		1	38	18.33	18.33	18.46	19.70
		1	74	18.42	18.36	18.46	19.70
		36	0	18.51	18.45	18.42	19.70
		36	18	18.48	18.43	18.46	19.70
		36	39	18.40	18.34	18.41	19.70
		75	0	18.32	18.38	18.36	19.70
	16QAM	1	0	18.46	18.41	18.35	19.70
		1	38	18.49	18.34	18.43	19.70
		1	74	18.41	18.28	18.35	19.70
		36	0	18.45	18.38	18.51	19.70
		36	18	18.38	18.41	18.41	19.70
		36	39	18.42	18.38	18.50	19.70
		75	0	18.47	18.44	18.44	19.70
	64QAM	1	0	18.42	18.33	18.40	19.70
		1	38	18.42	18.30	18.35	19.70
		1	74	18.32	18.39	18.43	19.70
		36	0	18.48	18.37	18.52	19.70
		36	18	18.30	18.35	18.33	19.70
		36	39	18.42	18.38	18.35	19.70
		75	0	18.46	18.45	18.46	19.70
	256QAM	1	0	18.46	18.35	18.45	19.70
		1	38	18.33	18.50	18.45	19.70
		1	74	18.37	18.48	18.32	19.70
		36	0	18.40	18.38	18.31	19.70
		36	18	18.35	18.46	18.52	19.70
		36	39	18.31	18.41	18.29	19.70
		75	0	18.35	18.44	18.41	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	/	20175	/	19.70
		1	50	/	18.58	/	19.70
		1	99	/	18.46	/	19.70
		50	0	/	18.46	/	19.70
		50	25	/	18.40	/	19.70
		50	50	/	18.48	/	19.70
		100	0	/	18.40	/	19.70
	16QAM	1	0	/	18.46	/	19.70
		1	50	/	18.57	/	19.70
		1	99	/	18.53	/	19.70
		50	0	/	18.44	/	19.70
		50	25	/	18.45	/	19.70
		50	50	/	18.53	/	19.70
		100	0	/	18.50	/	19.70
	64QAM	1	0	/	18.50	/	19.70
		1	50	/	18.51	/	19.70
		1	99	/	18.50	/	19.70
		50	0	/	18.42	/	19.70
		50	25	/	18.63	/	19.70
		50	50	/	18.41	/	19.70



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		100	0	/	18.53	/	19.70
	256QAM	1	0	/	18.46	/	19.70
		1	50	/	18.50	/	19.70
		1	99	/	18.58	/	19.70
		50	0	/	18.45	/	19.70
		50	25	/	18.62	/	19.70
		50	50	/	18.44	/	19.70
		100	0	/	18.52	/	19.70

LTE Band 4 DSI0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	19957	20175	20393	25.70
		1	2	24.48	24.52	24.51	25.70
		1	5	24.32	24.42	24.44	25.70
		3	0	24.36	24.32	24.29	25.70
		3	2	24.41	24.34	24.44	25.70
		3	3	24.38	24.32	24.23	25.70
		6	0	24.34	24.25	24.18	25.70
	16QAM	1	0	23.31	23.32	23.37	24.70
		1	2	23.49	23.44	23.47	24.70
		1	5	23.81	23.72	23.79	24.70
		3	0	23.33	23.40	23.43	24.70
		3	2	23.61	23.53	23.60	24.70
		3	3	23.67	23.63	23.67	24.70
		6	0	23.53	23.46	23.38	24.70
	64QAM	1	0	22.40	22.48	22.47	23.70
		1	2	22.37	22.36	22.29	23.70
		1	5	22.35	22.38	22.43	23.70
		3	0	22.41	22.41	22.33	23.70
		3	2	22.38	22.33	22.42	23.70
		3	3	22.27	22.34	22.39	23.70
		6	0	22.63	22.59	22.68	23.70
	256QAM	1	0	21.55	21.46	21.52	22.70
		1	2	19.21	19.18	19.13	20.70
		1	5	19.67	19.59	19.65	20.70
		3	0	19.45	19.42	19.48	20.70
		3	2	19.44	19.50	19.48	20.70
		3	3	19.33	19.29	19.28	20.70
		6	0	19.43	19.41	19.40	20.70
3MHz	QPSK	1	0	19.52	19.49	19.52	20.70
		1	7	24.36	24.43	24.49	25.70
		1	14	24.34	24.33	24.33	25.70
		8	0	24.32	24.33	24.24	25.70
		8	4	23.35	23.42	23.46	24.70
		8	7	23.50	23.40	23.44	24.70
		15	0	23.22	23.24	23.27	24.70
	16QAM	1	0	23.19	23.22	23.32	24.70
		1	7	23.27	23.36	23.29	24.70
		1	14	23.74	23.79	23.71	24.70
		8	0	23.49	23.46	23.45	24.70
		8	4	22.58	22.51	22.50	23.70
		8	7	22.72	22.69	22.78	23.70
		15	0	22.39	22.37	22.35	23.70
	64QAM	1	0	22.32	22.39	22.36	23.70
		1	7	22.17	22.27	22.30	23.70
		1	14	22.18	22.28	22.34	23.70
		1	14	22.31	22.34	22.26	23.70



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	256QAM	8	0	21.44	21.35	21.40	22.70
		8	4	21.44	21.39	21.49	22.70
		8	7	21.49	21.56	21.48	22.70
		15	0	21.41	21.40	21.41	22.70
		1	0	19.14	19.24	19.25	20.70
		1	7	19.64	19.63	19.73	20.70
		1	14	19.55	19.50	19.43	20.70
		8	0	19.52	19.53	19.62	20.70
		8	4	19.28	19.33	19.34	20.70
		8	7	19.44	19.47	19.56	20.70
		15	0	19.46	19.39	19.40	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	24.37	24.38	24.39	25.70
		1	13	24.35	24.41	24.34	25.70
		1	24	24.29	24.29	24.19	25.70
		12	0	23.54	23.51	23.59	24.70
		12	6	23.51	23.42	23.43	24.70
		12	13	23.23	23.25	23.26	24.70
	16QAM	25	0	23.40	23.30	23.24	24.70
		1	0	23.24	23.26	23.23	24.70
		1	13	23.75	23.72	23.74	24.70
		1	24	23.52	23.50	23.51	24.70
		12	0	22.62	22.61	22.51	23.70
		12	6	22.61	22.61	22.66	23.70
	64QAM	12	13	22.25	22.32	22.40	23.70
		25	0	22.40	22.30	22.40	23.70
		1	0	22.47	22.37	22.36	23.70
		1	13	22.27	22.30	22.20	23.70
		1	24	22.28	22.37	22.38	23.70
		12	0	21.33	21.34	21.35	22.70
	256QAM	12	6	21.50	21.47	21.37	22.70
		12	13	21.42	21.47	21.45	22.70
		25	0	21.57	21.47	21.41	22.70
		1	0	19.32	19.34	19.35	20.70
		1	13	19.49	19.54	19.55	20.70
		1	24	19.49	19.58	19.57	20.70
10MHz	QPSK	12	0	19.50	19.57	19.65	20.70
		12	6	19.38	19.39	19.37	20.70
		12	13	19.41	19.50	19.49	20.70
		25	0	19.34	19.41	19.38	20.70
	16QAM	1	0	23.27	23.24	23.34	24.70
		1	25	23.67	23.68	23.58	24.70
		1	49	23.46	23.47	23.50	24.70
		25	0	22.56	22.55	22.51	23.70
		25	13	22.41	22.51	22.56	23.70
		25	25	22.36	22.31	22.30	23.70
	64QAM	50	0	22.39	22.35	22.35	23.70
		1	0	22.45	22.43	22.37	23.70
		1	25	22.23	22.33	22.41	23.70
		1	49	22.36	22.31	22.41	23.70
		25	0	21.41	21.40	21.45	22.70



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	256QAM	25	13	21.55	21.47	21.54	22.70
		25	25	21.46	21.43	21.53	22.70
		50	0	21.51	21.51	21.60	22.70
		1	0	19.30	19.39	19.31	20.70
		1	25	19.44	19.44	19.37	20.70
		1	49	19.57	19.59	19.64	20.70
		25	0	19.58	19.52	19.58	20.70
		25	13	19.49	19.43	19.44	20.70
		25	25	19.51	19.41	19.39	20.70
		50	0	19.39	19.37	19.42	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	24.48	24.38	24.30	25.70
		1	38	24.45	24.45	24.52	25.70
		1	74	24.30	24.36	24.30	25.70
		36	0	23.44	23.39	23.36	24.70
		36	18	23.37	23.36	23.38	24.70
		36	39	23.48	23.40	23.43	24.70
		75	0	23.56	23.47	23.41	24.70
	16QAM	1	0	23.32	23.33	23.34	24.70
		1	38	23.69	23.60	23.63	24.70
		1	74	23.39	23.39	23.43	24.70
		36	0	22.43	22.45	22.40	23.70
		36	18	22.39	22.45	22.39	23.70
		36	39	22.31	22.34	22.33	23.70
		75	0	22.41	22.45	22.36	23.70
	64QAM	1	0	22.35	22.37	22.47	23.70
		1	38	22.21	22.24	22.23	23.70
		1	74	22.46	22.36	22.26	23.70
		36	0	21.56	21.49	21.51	22.70
		36	18	21.46	21.56	21.47	22.70
		36	39	21.49	21.46	21.42	22.70
		75	0	21.59	21.59	21.67	22.70
	256QAM	1	0	19.41	19.49	19.52	20.70
		1	38	19.36	19.40	19.32	20.70
		1	74	19.53	19.59	19.50	20.70
		36	0	19.53	19.51	19.59	20.70
		36	18	19.39	19.47	19.51	20.70
		36	39	19.40	19.43	19.41	20.70
		75	0	19.51	19.47	19.51	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	24.45	/	25.70
		1	50	/	24.40	/	25.70
		1	99	/	24.36	/	25.70
		50	0	/	23.42	/	24.70
		50	25	/	23.37	/	24.70
		50	50	/	23.44	/	24.70
		100	0	/	23.43	/	24.70
	16QAM	1	0	/	23.42	/	24.70
		1	50	/	23.51	/	24.70
		1	99	/	23.42	/	24.70
		50	0	/	22.52	/	23.70
		50	25	/	22.39	/	23.70
		50	50	/	22.41	/	23.70
		100	0	/	22.41	/	23.70
	64QAM	1	0	/	22.43	/	23.70
		1	50	/	22.34	/	23.70
		1	99	/	22.27	/	23.70
		50	0	/	21.50	/	22.70
		50	25	/	21.50	/	22.70



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	256QAM	50	50	/	21.36	/	22.70
		100	0	/	21.55	/	22.70
		1	0	/	19.44	/	20.70
		1	50	/	19.49	/	20.70
		1	99	/	19.52	/	20.70
		50	0	/	19.44	/	20.70
		50	25	/	19.51	/	20.70
		50	50	/	19.33	/	20.70
		100	0	/	19.42	/	20.70

LTE Band 4 DS11				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.90	20.03	19.95	21.20
		1	2	19.90	20.00	20.02	21.20
		1	5	19.95	19.92	19.88	21.20
		3	0	19.89	20.00	19.87	21.20
		3	2	20.03	19.86	19.88	21.20
		3	3	19.96	19.87	19.87	21.20
	16QAM	6	0	19.97	20.04	20.01	21.20
		1	0	20.04	19.90	20.02	21.20
		1	2	19.96	20.02	19.86	21.20
		1	5	19.87	19.96	20.00	21.20
		3	0	19.90	19.95	19.90	21.20
		3	2	19.87	20.03	19.89	21.20
	64QAM	3	3	19.94	19.86	19.91	21.20
		6	0	20.02	19.93	19.98	21.20
		1	0	20.01	20.04	19.92	21.20
		1	2	19.96	19.98	19.95	21.20
		1	5	19.88	19.98	19.87	21.20
		3	0	20.00	19.99	20.04	21.20
3MHz	QPSK	3	2	20.00	19.99	19.90	21.20
		3	3	20.00	19.98	19.94	21.20
		6	0	19.90	19.97	20.04	21.20
	16QAM	1	0	19.43	19.44	19.44	20.70
		1	2	19.41	19.45	19.49	20.70
		1	5	19.43	19.55	19.53	20.70
		3	0	19.46	19.44	19.46	20.70
		3	2	19.47	19.51	19.55	20.70
		3	3	19.41	19.29	19.33	20.70
	64QAM	6	0	19.45	19.44	19.47	20.70
		1	0	19.91	19.89	20.02	21.20
		1	7	20.01	20.02	19.98	21.20
		1	14	19.96	19.98	20.01	21.20
		8	0	19.95	19.87	19.95	21.20
		8	4	19.96	19.93	19.88	21.20
	16QAM	8	7	19.93	19.99	19.89	21.20
		15	0	20.01	19.88	19.97	21.20
		1	0	19.88	19.89	19.95	21.20
		1	7	20.02	19.95	19.86	21.20
		1	14	20.04	19.88	19.87	21.20
		8	0	19.96	19.99	20.01	21.20
	64QAM	8	4	19.95	19.89	19.87	21.20
		8	7	19.95	19.86	19.89	21.20
		15	0	19.87	19.88	20.01	21.20
		1	0	19.90	19.94	19.95	21.20
		1	7	19.94	19.86	20.01	21.20



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		1	14	19.98	19.89	19.91	21.20		
		8	0	19.98	19.89	19.91	21.20		
		8	4	20.02	19.95	19.91	21.20		
		8	7	19.93	20.03	19.91	21.20		
		15	0	20.02	19.97	19.90	21.20		
		1	0	19.43	19.40	19.43	20.70		
		1	7	19.48	19.48	19.53	20.70		
		1	14	19.54	19.50	19.52	20.70		
		8	0	19.41	19.40	19.46	20.70		
		8	4	19.49	19.60	19.47	20.70		
	256QAM	8	7	19.37	19.29	19.34	20.70		
		15	0	19.39	19.33	19.37	20.70		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						19975	20175	20375	
		5MHz	QPSK	1	0	19.98	19.96	19.99	21.20
				1	13	19.97	19.86	19.90	21.20
				1	24	19.92	19.86	19.94	21.20
				12	0	19.95	19.88	19.93	21.20
				12	6	19.91	19.94	19.90	21.20
12	13			19.91	19.89	20.00	21.20		
16QAM	25		0	19.98	20.02	20.00	21.20		
	1		0	19.98	19.99	19.93	21.20		
	1		13	19.91	19.94	19.96	21.20		
	1		24	19.99	19.98	19.94	21.20		
	12		0	19.91	19.93	19.88	21.20		
	12		6	20.04	19.86	19.93	21.20		
64QAM	12		13	19.95	19.91	19.93	21.20		
	25		0	19.99	19.87	19.97	21.20		
	1		0	20.02	19.98	20.04	21.20		
	1		13	19.94	20.01	19.88	21.20		
	1		24	19.87	19.87	20.00	21.20		
	12		0	19.91	19.92	19.89	21.20		
256QAM	12		6	19.96	19.88	19.94	21.20		
	12		13	19.86	20.00	20.01	21.20		
	25		0	20.00	19.86	20.04	21.20		
	1		0	19.48	19.53	19.35	20.70		
	1		13	19.56	19.44	19.54	20.70		
	1		24	19.53	19.46	19.60	20.70		
			12	0	19.50	19.51	19.47	20.70	
			12	6	19.51	19.47	19.44	20.70	
			12	13	19.35	19.37	19.40	20.70	
			25	0	19.35	19.49	19.37	20.70	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20000	20175	20350	
		10MHz	QPSK	1	0	19.90	19.96	19.99	21.20
				1	25	19.87	19.90	19.86	21.20
				1	49	19.97	20.03	19.97	21.20
25	0			19.90	19.92	20.01	21.20		
25	13			19.92	19.90	19.87	21.20		
25	25			19.95	19.96	19.96	21.20		
16QAM	50		0	20.00	19.98	19.92	21.20		
	1		0	19.90	20.01	20.01	21.20		
	1		25	19.99	20.02	19.95	21.20		
	1		49	19.92	20.00	19.99	21.20		
	25		0	19.93	19.94	19.90	21.20		
	25		13	19.86	20.04	19.97	21.20		
64QAM	25		25	19.96	20.01	20.03	21.20		
	50		0	19.99	19.91	20.01	21.20		
		1	0	19.87	19.98	19.99	21.20		
		1	25	19.89	19.99	19.96	21.20		
		1	49	20.00	19.94	19.97	21.20		



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