

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

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	256QAM	8	0	21.06	21.03	21.09	22.00
		8	4	21.00	20.92	21.22	22.00
		8	7	21.12	21.04	20.91	22.00
		15	0	21.04	21.04	21.36	22.00
		1	0	18.89	18.95	18.82	20.00
		1	7	18.86	18.92	18.76	20.00
		1	14	19.08	18.93	18.92	20.00
		8	0	19.04	19.18	18.97	20.00
		8	4	18.73	18.62	18.88	20.00
		8	7	18.97	19.00	18.91	20.00
		15	0	18.97	18.95	19.18	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	21.99	21.84	21.80	22.70
		1	13	21.91	21.82	21.97	22.70
		1	24	21.76	21.75	21.87	22.70
		12	0	21.90	21.84	21.79	22.70
		12	6	21.79	21.84	22.00	22.70
		12	13	21.81	21.74	21.89	22.70
		25	0	22.03	21.87	21.87	22.70
	16QAM	1	0	21.86	21.83	21.87	22.70
		1	13	21.78	21.78	21.83	22.70
		1	24	21.96	21.92	21.79	22.70
		12	0	21.91	21.76	22.06	22.70
		12	6	21.85	21.81	21.93	22.70
		12	13	22.01	21.84	21.91	22.70
		25	0	21.87	21.81	21.86	22.70
	64QAM	1	0	21.86	21.80	21.86	22.70
		1	13	21.98	21.89	21.87	22.70
		1	24	21.94	21.95	21.87	22.70
		12	0	21.15	21.17	21.16	22.00
		12	6	21.00	21.02	21.18	22.00
		12	13	21.15	21.03	20.97	22.00
		25	0	21.10	21.17	21.25	22.00
	256QAM	1	0	19.01	18.89	18.79	20.00
		1	13	18.95	18.80	18.83	20.00
		1	24	19.16	19.01	19.01	20.00
		12	0	19.01	19.06	19.02	20.00
		12	6	18.82	18.68	18.79	20.00
		12	13	18.95	19.04	18.94	20.00
		25	0	19.05	19.02	19.06	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	21.99	21.79	21.81	22.70
		1	25	21.91	21.85	21.97	22.70
		1	49	21.82	21.71	21.91	22.70
		25	0	21.88	21.86	21.83	22.70
		25	13	21.82	21.82	22.03	22.70
		25	25	21.84	21.80	21.87	22.70
		50	0	21.99	21.83	21.85	22.70
	16QAM	1	0	21.89	21.81	21.85	22.70
		1	25	21.80	21.74	21.87	22.70
		1	49	21.99	21.88	21.79	22.70
		25	0	21.91	21.77	22.01	22.70
		25	13	21.85	21.74	21.94	22.70
		25	25	21.98	21.82	21.96	22.70
		50	0	21.87	21.88	21.87	22.70
	64QAM	1	0	21.84	21.80	21.85	22.70
		1	25	21.99	21.87	21.89	22.70
		1	49	21.89	21.97	21.91	22.70
		25	0	21.13	21.08	21.12	22.00



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	256QAM	25	13	21.07	21.07	21.16	22.00
		25	25	21.21	21.04	21.00	22.00
		50	0	21.12	21.00	21.15	22.00
		1	0	18.94	18.89	18.85	20.00
		1	25	19.03	18.79	18.90	20.00
		1	49	19.07	19.01	19.08	20.00
		25	0	19.07	19.11	18.97	20.00
		25	13	18.77	18.71	18.72	20.00
		25	25	18.95	19.03	19.00	20.00
		50	0	19.06	19.09	18.94	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	21.98	21.85	21.83	22.70
		1	38	21.93	21.85	22.02	22.70
		1	74	21.79	21.71	21.93	22.70
		36	0	21.89	21.85	21.81	22.70
		36	18	21.84	21.79	22.02	22.70
		36	39	21.78	21.78	21.89	22.70
	16QAM	75	0	21.97	21.89	21.87	22.70
		1	0	21.89	21.80	21.89	22.70
		1	38	21.74	21.72	21.90	22.70
		1	74	21.91	21.93	21.78	22.70
		36	0	21.91	21.80	22.07	22.70
		36	18	21.84	21.74	21.92	22.70
	64QAM	36	39	22.02	21.79	21.90	22.70
		75	0	21.85	21.80	21.86	22.70
		1	0	21.90	21.78	21.85	22.70
		1	38	22.03	21.86	21.91	22.70
		1	74	21.87	21.91	21.88	22.70
		36	0	21.02	21.12	20.94	22.00
	256QAM	36	18	21.04	21.04	21.10	22.00
		36	39	21.18	21.06	21.01	22.00
		75	0	21.12	21.09	21.25	22.00
		1	0	19.02	18.87	18.86	20.00
		1	38	19.07	18.90	18.97	20.00
		1	74	19.15	18.94	19.17	20.00
20MHz	QPSK	36	0	19.09	19.08	19.06	20.00
		36	18	18.88	18.81	18.82	20.00
		36	39	18.93	19.02	18.99	20.00
		75	0	19.10	19.06	18.98	20.00
	16QAM	1	0	21.98	21.85	21.78	22.70
		1	50	21.88	21.88	22.01	22.70
		1	99	21.77	21.77	21.86	22.70
		50	0	21.86	21.87	21.76	22.70
		50	25	21.78	21.77	21.98	22.70
		50	50	21.84	21.74	21.85	22.70
	64QAM	100	0	22.02	21.89	21.85	22.70
		1	0	21.88	21.84	21.91	22.70
		1	50	21.79	21.75	21.87	22.70
		1	99	21.94	21.91	21.81	22.70
		50	0	21.87	21.77	22.07	22.70
		50	25	21.81	21.76	21.95	22.70
		50	50	21.98	21.78	21.96	22.70
		100	0	21.91	21.80	21.85	22.70
		1	0	21.89	21.82	21.87	22.70
		1	50	22.03	21.91	21.91	22.70
		1	99	21.87	21.99	21.92	22.70
		50	0	21.09	21.04	21.02	22.00
		50	25	21.05	21.02	21.09	22.00



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	256QAM	50	50	21.11	20.95	20.97	22.00
		100	0	21.12	21.06	21.14	22.00
		1	0	18.94	18.86	18.93	20.00
		1	50	19.04	18.91	19.07	20.00
		1	99	19.04	19.09	19.09	20.00
		50	0	19.06	19.05	19.03	20.00
		50	25	18.85	18.87	18.94	20.00
		50	50	18.99	18.99	18.93	20.00
		100	0	19.04	18.98	19.03	20.00

LTE Band 4 DSI0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	24.80	24.74	24.73	25.70
		1	2	24.96	24.97	24.98	25.70
		1	5	24.71	24.77	24.79	25.70
		3	0	24.74	24.79	24.79	25.70
		3	2	24.73	24.70	24.63	25.70
		3	3	24.78	24.74	24.66	25.70
	16QAM	6	0	23.54	23.59	23.61	24.70
		1	0	23.99	23.91	23.82	24.70
		1	2	24.02	23.96	24.00	24.70
		1	5	23.71	23.73	23.77	24.70
		3	0	23.84	23.88	23.90	24.70
		3	2	24.08	23.98	24.04	24.70
	64QAM	3	3	23.67	23.65	23.60	24.70
		6	0	22.59	22.67	22.63	23.70
		1	0	22.77	22.69	22.73	23.70
		1	2	22.70	22.71	22.70	23.70
		1	5	22.71	22.74	22.69	23.70
		3	0	23.14	23.14	23.07	23.70
3MHz	256QAM	3	2	22.72	22.70	22.78	23.70
		3	3	22.63	22.73	22.80	23.70
		6	0	21.94	21.91	21.96	22.70
		1	0	19.75	19.83	19.93	20.70
		1	2	20.05	20.03	20.10	20.70
		1	5	19.74	19.65	19.70	20.70
	QPSK	3	0	19.50	19.57	19.54	20.70
		3	2	19.60	19.68	19.76	20.70
		3	3	19.83	19.79	19.72	20.70
		6	0	19.81	19.79	19.79	20.70
		1	0	24.71	24.75	24.73	25.70
		1	7	25.07	25.02	25.02	25.70
	16QAM	1	14	24.85	24.77	24.81	25.70
		8	0	23.74	23.73	23.70	24.70
		8	4	23.58	23.66	23.58	24.70
		8	7	23.69	23.77	23.72	24.70
		15	0	23.54	23.64	23.54	24.70
		1	0	23.97	23.96	23.92	24.70
	64QAM	1	7	24.02	23.94	24.00	24.70
		1	14	23.92	23.82	23.78	24.70
		8	0	22.75	22.79	22.83	23.70
		8	4	22.93	22.95	22.96	23.70
		8	7	22.78	22.75	22.84	23.70
		15	0	22.78	22.75	22.75	23.70



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		1	14	22.76	22.71	22.77	23.70
		8	0	22.11	22.07	22.01	22.70
		8	4	21.87	21.79	21.72	22.70
		8	7	21.72	21.78	21.87	22.70
		15	0	21.82	21.92	21.82	22.70
	256QAM	1	0	19.88	19.81	19.77	20.70
		1	7	20.13	20.04	19.95	20.70
		1	14	19.73	19.69	19.76	20.70
		8	0	19.69	19.61	19.59	20.70
		8	4	19.82	19.77	19.86	20.70
		8	7	19.88	19.79	19.75	20.70
		15	0	19.91	19.82	19.86	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	24.79	24.80	24.79	25.70
		1	13	24.93	24.93	24.85	25.70
		1	24	24.68	24.67	24.63	25.70
		12	0	23.90	23.80	23.75	24.70
		12	6	23.71	23.70	23.69	24.70
		12	13	23.81	23.87	23.95	24.70
	16QAM	25	0	23.70	23.68	23.62	24.70
		1	0	24.09	24.00	24.04	24.70
		1	13	23.76	23.84	23.75	24.70
		1	24	23.85	23.77	23.86	24.70
		12	0	22.85	22.81	22.72	23.70
		12	6	22.97	22.87	22.81	23.70
	64QAM	12	13	22.80	22.76	22.83	23.70
		25	0	22.67	22.75	22.84	23.70
		1	0	22.71	22.72	22.82	23.70
		1	13	22.84	22.83	22.82	23.70
		1	24	22.60	22.69	22.72	23.70
		12	0	21.94	21.98	21.96	22.70
	256QAM	12	6	21.90	21.85	21.85	22.70
		12	13	21.94	21.87	21.95	22.70
		25	0	21.90	21.88	21.94	22.70
		1	0	19.68	19.78	19.86	20.70
		1	13	20.00	19.95	19.94	20.70
		1	24	19.79	19.76	19.78	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	24.90	24.86	24.81	25.70
		1	25	24.97	24.90	24.92	25.70
		1	49	24.52	24.60	24.68	25.70
		25	0	23.81	23.73	23.75	24.70
		25	13	23.70	23.72	23.62	24.70
		25	25	23.72	23.78	23.77	24.70
	16QAM	50	0	23.74	23.72	23.69	24.70
		1	0	23.86	23.95	23.86	24.70
		1	25	23.72	23.78	23.76	24.70
		1	49	23.96	23.86	23.80	24.70
		25	0	22.81	22.84	22.84	23.70
		25	13	22.86	22.81	22.74	23.70
	64QAM	25	25	22.69	22.70	22.78	23.70
		50	0	22.87	22.80	22.75	23.70
		1	0	22.60	22.69	22.63	23.70
		1	25	22.76	22.75	22.73	23.70
		1	49	22.58	22.67	22.68	23.70



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	256QAM	25	0	21.88	21.91	21.86	22.70
		25	13	21.96	21.91	21.86	22.70
		25	25	21.79	21.88	21.91	22.70
		50	0	21.87	21.97	22.01	22.70
		1	0	19.76	19.84	19.91	20.70
		1	25	19.89	19.91	19.95	20.70
		1	49	19.75	19.74	19.66	20.70
		25	0	19.58	19.68	19.65	20.70
		25	13	19.75	19.84	19.85	20.70
		25	25	19.66	19.66	19.67	20.70
		50	0	19.77	19.69	19.69	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	24.96	24.87	24.77	25.70
		1	38	24.96	24.93	24.98	25.70
		1	74	24.62	24.68	24.60	25.70
		36	0	23.82	23.76	23.79	24.70
		36	18	23.72	23.80	23.71	24.70
		36	39	23.93	23.86	23.82	24.70
		75	0	23.81	23.73	23.67	24.70
	16QAM	1	0	23.90	23.93	23.91	24.70
		1	38	23.88	23.84	23.86	24.70
		1	74	23.82	23.85	23.78	24.70
		36	0	22.80	22.88	22.78	23.70
		36	18	22.65	22.71	22.78	23.70
		36	39	22.64	22.73	22.64	23.70
		75	0	22.87	22.79	22.75	23.70
	64QAM	1	0	22.63	22.68	22.64	23.70
		1	38	22.68	22.72	22.62	23.70
		1	74	22.67	22.76	22.76	23.70
		36	0	21.86	21.86	21.86	22.70
		36	18	21.90	21.81	21.88	22.70
		36	39	21.75	21.82	21.78	22.70
		75	0	21.98	21.94	21.90	22.70
	256QAM	1	0	20.00	19.94	19.91	20.70
		1	38	19.80	19.82	19.79	20.70
		1	74	19.84	19.76	19.75	20.70
		36	0	19.66	19.76	19.77	20.70
		36	18	19.94	19.89	19.85	20.70
		36	39	19.71	19.68	19.75	20.70
		75	0	19.72	19.74	19.66	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	24.86	/	25.70
		1	50	/	24.89	/	25.70
		1	99	/	24.78	/	25.70
		50	0	/	23.75	/	24.70
		50	25	/	23.77	/	24.70
		50	50	/	23.78	/	24.70
		100	0	/	23.79	/	24.70
	16QAM	1	0	/	23.88	/	24.70
		1	50	/	23.84	/	24.70
		1	99	/	23.81	/	24.70
		50	0	/	22.89	/	23.70
		50	25	/	22.75	/	23.70
		50	50	/	22.78	/	23.70
		100	0	/	22.79	/	23.70
	64QAM	1	0	/	22.77	/	23.70
		1	50	/	22.75	/	23.70
		1	99	/	22.74	/	23.70
		50	0	/	21.88	/	22.70



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		50	25	/	21.89	/	22.70
		50	50	/	21.79	/	22.70
		100	0	/	21.89	/	22.70
	256QAM	1	0	/	19.87	/	20.70
		1	50	/	19.85	/	20.70
		1	99	/	19.84	/	20.70
		50	0	/	19.83	/	20.70
		50	25	/	19.88	/	20.70
		50	50	/	19.74	/	20.70
		100	0	/	19.72	/	20.70

LTE Band 4 DS11/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.47	18.25	18.23	19.20
		1	2	18.39	18.43	18.17	19.20
		1	5	18.39	18.31	18.29	19.20
		3	0	18.50	18.36	18.28	19.20
		3	2	18.31	18.31	18.15	19.20
		3	3	18.54	18.41	18.17	19.20
	16QAM	6	0	18.43	18.27	18.29	19.20
		1	0	18.41	18.27	18.21	19.20
		1	2	18.41	18.22	18.18	19.20
		1	5	18.42	18.23	18.22	19.20
		3	0	18.35	18.20	18.26	19.20
		3	2	18.37	18.41	18.20	19.20
	64QAM	3	3	18.30	18.22	18.23	19.20
		6	0	18.29	18.24	18.13	19.20
		1	0	18.43	18.26	18.23	19.20
		1	2	18.33	18.20	18.24	19.20
		1	5	18.43	18.35	18.31	19.20
		3	0	18.46	18.19	18.28	19.20
3MHz	256QAM	3	2	18.38	18.30	18.23	19.20
		3	3	18.48	18.36	18.21	19.20
		6	0	18.42	18.34	18.14	19.20
		1	0	18.40	18.25	18.14	19.20
		1	2	18.42	18.38	18.16	19.20
		1	5	18.46	18.21	18.29	19.20
	16QAM	3	0	18.42	18.40	18.11	19.20
		3	2	18.45	18.40	18.27	19.20
		3	3	18.44	18.23	18.30	19.20
		6	0	18.40	18.31	18.25	19.20
	QPSK	1	0	18.43	18.29	18.10	19.20
		1	7	18.44	18.28	18.27	19.20
		1	14	18.34	18.27	18.25	19.20
		8	0	18.33	18.32	18.21	19.20
		8	4	18.37	18.25	18.29	19.20
		8	7	18.52	18.26	18.21	19.20
	64QAM	15	0	18.42	18.38	18.20	19.20
		1	0	18.41	18.27	18.20	19.20
		1	7	18.47	18.39	18.14	19.20
		1	14	18.36	18.30	18.26	19.20
		8	0	18.41	18.38	18.16	19.20
		8	4	18.44	18.23	18.10	19.20
	16QAM	8	7	18.41	18.42	18.34	19.20
		15	0	18.50	18.36	18.17	19.20
		1	0	18.29	18.38	18.29	19.20



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		1	7	18.37	18.40	18.30	19.20
		1	14	18.36	18.34	18.30	19.20
		8	0	18.48	18.29	18.20	19.20
		8	4	18.43	18.40	18.21	19.20
		8	7	18.31	18.31	18.27	19.20
		15	0	18.35	18.37	18.18	19.20
	256QAM	1	0	18.38	18.37	18.33	19.20
		1	7	18.49	18.33	18.22	19.20
		1	14	18.28	18.32	18.16	19.20
		8	0	18.37	18.26	18.26	19.20
		8	4	18.43	18.43	18.31	19.20
		8	7	18.35	18.23	18.27	19.20
		15	0	18.42	18.32	18.22	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.34	18.30	18.34	19.20
		1	13	18.36	18.40	18.17	19.20
		1	24	18.44	18.37	18.28	19.20
		12	0	18.33	18.34	18.22	19.20
		12	6	18.49	18.37	18.29	19.20
		12	13	18.48	18.42	18.17	19.20
		25	0	18.40	18.33	18.20	19.20
	16QAM	1	0	18.47	18.28	18.11	19.20
		1	13	18.28	18.37	18.15	19.20
		1	24	18.43	18.27	18.23	19.20
		12	0	18.39	18.36	18.20	19.20
		12	6	18.43	18.26	18.20	19.20
		12	13	18.35	18.21	18.27	19.20
	64QAM	25	0	18.49	18.31	18.22	19.20
		1	0	18.35	18.36	18.18	19.20
		1	13	18.42	18.30	18.27	19.20
		1	24	18.46	18.20	18.20	19.20
		12	0	18.32	18.35	18.21	19.20
		12	6	18.33	18.29	18.22	19.20
	256QAM	12	13	18.32	18.40	18.32	19.20
		25	0	18.40	18.34	18.13	19.20
		1	0	18.48	18.34	18.20	19.20
		1	13	18.35	18.29	18.24	19.20
		1	24	18.34	18.36	18.17	19.20
		12	0	18.42	18.29	18.24	19.20
		12	6	18.50	18.26	18.16	19.20
		12	13	18.41	18.29	18.15	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.53	18.29	18.30	19.20
		1	25	18.48	18.22	18.23	19.20
		1	49	18.35	18.29	18.24	19.20
		25	0	18.40	18.37	18.23	19.20
		25	13	18.49	18.29	18.21	19.20
		25	25	18.35	18.21	18.16	19.20
		50	0	18.36	18.36	18.28	19.20
	16QAM	1	0	18.42	18.27	18.19	19.20
		1	25	18.37	18.27	18.22	19.20
		1	49	18.49	18.41	18.24	19.20
		25	0	18.28	18.35	18.34	19.20
		25	13	18.33	18.41	18.32	19.20
		25	25	18.40	18.41	18.17	19.20
	64QAM	50	0	18.34	18.31	18.17	19.20
		1	0	18.41	18.36	18.29	19.20
		1	25	18.43	18.25	18.17	19.20
		1	25	18.43	18.25	18.17	19.20



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		1	49	18.37	18.30	18.17	19.20
		25	0	18.41	18.34	18.30	19.20
		25	13	18.46	18.27	18.21	19.20
		25	25	18.35	18.27	18.22	19.20
		50	0	18.33	18.25	18.19	19.20
		1	0	18.34	18.25	18.28	19.20
		1	25	18.49	18.40	18.15	19.20
		1	49	18.34	18.31	18.23	19.20
		25	0	18.39	18.22	18.34	19.20
		25	13	18.41	18.44	18.23	19.20
	256QAM	25	25	18.31	18.33	18.21	19.20
		50	0	18.32	18.24	18.25	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.37	18.44	18.17	19.20
		1	38	18.47	18.35	18.24	19.20
		1	74	18.45	18.33	18.11	19.20
		36	0	18.33	18.39	18.11	19.20
		36	18	18.48	18.31	18.23	19.20
		36	39	18.28	18.35	18.21	19.20
	16QAM	75	0	18.30	18.32	18.09	19.20
		1	0	18.47	18.43	18.20	19.20
		1	38	18.30	18.39	18.26	19.20
		1	74	18.32	18.36	18.14	19.20
		36	0	18.37	18.30	18.13	19.20
		36	18	18.35	18.35	18.16	19.20
	64QAM	36	39	18.49	18.22	18.27	19.20
		75	0	18.28	18.38	18.17	19.20
		1	0	18.44	18.24	18.18	19.20
		1	38	18.33	18.21	18.26	19.20
		1	74	18.39	18.24	18.20	19.20
		36	0	18.41	18.28	18.25	19.20
	256QAM	36	18	18.46	18.22	18.16	19.20
		36	39	18.42	18.35	18.23	19.20
		75	0	18.37	18.29	18.27	19.20
		1	0	18.45	18.30	18.10	19.20
		1	38	18.41	18.21	18.12	19.20
		1	74	18.33	18.45	18.18	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	18.38	/	19.20
		1	50	/	18.31	/	19.20
		1	99	/	18.34	/	19.20
		50	0	/	18.25	/	19.20
		50	25	/	18.20	/	19.20
		50	50	/	18.20	/	19.20
	16QAM	100	0	/	18.36	/	19.20
		1	0	/	18.26	/	19.20
		1	50	/	18.38	/	19.20
		1	99	/	18.25	/	19.20
		50	0	/	18.29	/	19.20
		50	25	/	18.34	/	19.20
	64QAM	50	50	/	18.34	/	19.20
		100	0	/	18.40	/	19.20
		1	0	/	18.30	/	19.20
		1	50	/	18.27	/	19.20
		1	99	/	18.29	/	19.20



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		50	0	/	18.25	/	19.20
		50	25	/	18.34	/	19.20
		50	50	/	18.27	/	19.20
		100	0	/	18.21	/	19.20
	256QAM	1	0	/	18.22	/	19.20
		1	50	/	18.33	/	19.20
		1	99	/	18.22	/	19.20
		50	0	/	18.27	/	19.20
		50	25	/	18.24	/	19.20
		50	50	/	18.35	/	19.20
		100	0	/	18.34	/	19.20

LTE Band 4 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.98	18.79	18.70	19.70
		1	2	18.91	18.87	18.64	19.70
		1	5	18.97	18.75	18.75	19.70
		3	0	19.04	18.83	18.82	19.70
		3	2	18.88	18.79	18.69	19.70
		3	3	19.02	18.88	18.62	19.70
		6	0	18.95	18.72	18.78	19.70
	16QAM	1	0	18.94	18.81	18.65	19.70
		1	2	18.93	18.69	18.65	19.70
		1	5	18.93	18.75	18.68	19.70
		3	0	18.85	18.78	18.79	19.70
		3	2	18.89	18.85	18.71	19.70
		3	3	18.83	18.73	18.76	19.70
		6	0	18.78	18.82	18.63	19.70
	64QAM	1	0	18.96	18.77	18.68	19.70
		1	2	18.86	18.69	18.78	19.70
		1	5	18.92	18.79	18.80	19.70
		3	0	18.96	18.69	18.78	19.70
		3	2	18.89	18.82	18.79	19.70
		3	3	18.91	18.89	18.74	19.70
		6	0	18.98	18.85	18.72	19.70
	256QAM	1	0	18.89	18.77	18.70	19.70
		1	2	18.97	18.89	18.60	19.70
		1	5	18.98	18.70	18.80	19.70
		3	0	18.89	18.87	18.67	19.70
		3	2	18.93	18.90	18.79	19.70
		3	3	18.96	18.71	18.79	19.70
		6	0	18.91	18.88	18.72	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	18.98	18.76	18.74	19.70
		1	7	18.92	18.95	18.67	19.70
		1	14	18.90	18.78	18.73	19.70
		8	0	19.02	18.80	18.82	19.70
		8	4	18.85	18.79	18.68	19.70
		8	7	18.98	18.84	18.65	19.70
		15	0	18.94	18.73	18.78	19.70
	16QAM	1	0	18.98	18.81	18.67	19.70
		1	7	18.93	18.74	18.64	19.70
		1	14	18.91	18.71	18.67	19.70
		8	0	18.88	18.75	18.82	19.70
		8	4	18.89	18.91	18.67	19.70
		8	7	18.84	18.71	18.76	19.70
		15	0	18.84	18.82	18.64	19.70



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	64QAM	1	0	18.91	18.78	18.74	19.70
		1	7	18.86	18.73	18.75	19.70
		1	14	18.92	18.83	18.77	19.70
		8	0	18.92	18.70	18.80	19.70
		8	4	18.85	18.76	18.74	19.70
		8	7	18.91	18.87	18.73	19.70
		15	0	18.95	18.85	18.70	19.70
	256QAM	1	0	18.91	18.72	18.68	19.70
		1	7	18.92	18.90	18.66	19.70
		1	14	18.97	18.71	18.83	19.70
		8	0	18.91	18.85	18.60	19.70
		8	4	18.96	18.82	18.79	19.70
		8	7	19.00	18.69	18.79	19.70
		15	0	18.92	18.83	18.77	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	19.03	18.82	18.70	19.70
		1	13	18.89	18.95	18.66	19.70
		1	24	18.89	18.73	18.76	19.70
		12	0	19.04	18.87	18.81	19.70
		12	6	18.85	18.84	18.62	19.70
		12	13	19.03	18.88	18.64	19.70
		25	0	18.96	18.80	18.83	19.70
	16QAM	1	0	18.93	18.77	18.64	19.70
		1	13	18.91	18.77	18.66	19.70
		1	24	18.96	18.74	18.68	19.70
		12	0	18.89	18.70	18.83	19.70
		12	6	18.89	18.84	18.67	19.70
		12	13	18.87	18.76	18.71	19.70
		25	0	18.79	18.77	18.65	19.70
	64QAM	1	0	18.91	18.76	18.71	19.70
		1	13	18.80	18.71	18.80	19.70
		1	24	18.97	18.82	18.79	19.70
		12	0	18.99	18.70	18.78	19.70
		12	6	18.90	18.75	18.74	19.70
		12	13	18.96	18.90	18.70	19.70
		25	0	18.96	18.86	18.70	19.70
	256QAM	1	0	18.93	18.75	18.68	19.70
		1	13	18.96	18.87	18.61	19.70
		1	24	18.96	18.76	18.84	19.70
		12	0	18.89	18.89	18.62	19.70
		12	6	18.99	18.84	18.80	19.70
		12	13	18.97	18.75	18.84	19.70
		25	0	18.92	18.82	18.73	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	18.97	18.75	18.74	19.70
		1	25	18.91	18.91	18.65	19.70
		1	49	18.95	18.81	18.75	19.70
		25	0	18.97	18.79	18.81	19.70
		25	13	18.87	18.81	18.66	19.70
		25	25	19.00	18.84	18.65	19.70
		50	0	18.94	18.79	18.75	19.70
	16QAM	1	0	18.91	18.84	18.71	19.70
		1	25	18.93	18.71	18.67	19.70
		1	49	18.94	18.77	18.65	19.70
		25	0	18.87	18.70	18.80	19.70
		25	13	18.89	18.85	18.65	19.70
		25	25	18.86	18.79	18.75	19.70
		50	0	18.84	18.75	18.66	19.70
	64QAM	1	0	18.91	18.72	18.76	19.70



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		1	25	18.81	18.76	18.78	19.70
		1	49	18.97	18.80	18.83	19.70
		25	0	18.96	18.77	18.74	19.70
		25	13	18.83	18.77	18.74	19.70
		25	25	18.95	18.89	18.76	19.70
		50	0	18.98	18.85	18.72	19.70
	256QAM	1	0	18.93	18.77	18.67	19.70
		1	25	18.93	18.91	18.60	19.70
		1	49	18.93	18.70	18.84	19.70
		25	0	18.95	18.86	18.67	19.70
		25	13	18.95	18.88	18.84	19.70
		25	25	18.96	18.71	18.84	19.70
		50	0	18.93	18.81	18.78	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.04	18.77	18.69	19.70
		1	38	18.90	18.93	18.62	19.70
		1	74	18.89	18.77	18.80	19.70
		36	0	19.01	18.80	18.77	19.70
		36	18	18.88	18.80	18.68	19.70
		36	39	18.97	18.89	18.61	19.70
		75	0	18.94	18.77	18.75	19.70
	16QAM	1	0	18.99	18.81	18.66	19.70
		1	38	18.86	18.74	18.63	19.70
		1	74	18.96	18.79	18.71	19.70
		36	0	18.88	18.71	18.82	19.70
		36	18	18.86	18.85	18.70	19.70
		36	39	18.83	18.73	18.77	19.70
		75	0	18.79	18.75	18.64	19.70
	64QAM	1	0	18.91	18.72	18.69	19.70
		1	38	18.85	18.73	18.80	19.70
		1	74	18.94	18.87	18.83	19.70
		36	0	18.92	18.75	18.73	19.70
		36	18	18.85	18.80	18.81	19.70
		36	39	18.94	18.87	18.68	19.70
		75	0	18.96	18.84	18.66	19.70
	256QAM	1	0	18.92	18.72	18.64	19.70
		1	38	18.99	18.86	18.62	19.70
		1	74	18.94	18.75	18.77	19.70
		36	0	18.88	18.85	18.60	19.70
		36	18	18.91	18.85	18.77	19.70
		36	39	18.99	18.69	18.78	19.70
		75	0	18.93	18.87	18.72	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	18.84	/	19.70
		1	50	/	18.81	/	19.70
		1	99	/	18.89	/	19.70
		50	0	/	18.72	/	19.70
		50	25	/	18.75	/	19.70
		50	50	/	18.74	/	19.70
		100	0	/	18.80	/	19.70
	16QAM	1	0	/	18.71	/	19.70
		1	50	/	18.86	/	19.70
		1	99	/	18.79	/	19.70
		50	0	/	18.80	/	19.70
		50	25	/	18.84	/	19.70
		50	50	/	18.86	/	19.70
		100	0	/	18.92	/	19.70
	64QAM	1	0	/	18.82	/	19.70
		1	50	/	18.72	/	19.70



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		1	99	/	18.82	/	19.70
		50	0	/	18.72	/	19.70
		50	25	/	18.89	/	19.70
		50	50	/	18.75	/	19.70
		100	0	/	18.71	/	19.70
	256QAM	1	0	/	18.73	/	19.70
		1	50	/	18.75	/	19.70
		1	99	/	18.74	/	19.70
		50	0	/	18.77	/	19.70
		50	25	/	18.77	/	19.70
		50	50	/	18.83	/	19.70
		100	0	/	18.84	/	19.70

LTE Band 4 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.52	22.25	22.24	23.20
		1	2	22.38	22.39	22.14	23.20
		1	5	22.39	22.28	22.30	23.20
		3	0	22.49	22.29	22.25	23.20
		3	2	22.35	22.27	22.15	23.20
		3	3	22.49	22.38	22.19	23.20
	16QAM	6	0	22.45	22.26	22.28	23.20
		1	0	22.42	22.32	22.15	23.20
		1	2	22.36	22.23	22.15	23.20
		1	5	22.45	22.25	22.18	23.20
		3	0	22.37	22.20	22.31	23.20
		3	2	22.34	22.38	22.21	23.20
	64QAM	3	3	22.34	22.25	22.27	23.20
		6	0	22.34	22.25	22.16	23.20
		1	0	22.42	22.27	22.22	23.20
		1	2	22.32	22.23	22.29	23.20
		1	5	22.46	22.37	22.33	23.20
		3	0	22.43	22.19	22.27	23.20
	256QAM	3	2	22.37	22.31	22.25	23.20
		3	3	22.44	22.38	22.20	23.20
		6	0	21.87	21.83	21.88	22.70
		1	0	19.72	19.81	19.90	20.70
		1	2	19.96	19.95	20.01	20.70
		1	5	19.69	19.57	19.69	20.70
3MHz	QPSK	3	0	19.47	19.48	19.49	20.70
		3	2	19.58	19.59	19.71	20.70
		3	3	19.81	19.75	19.64	20.70
		6	0	19.78	19.74	19.76	20.70
	16QAM	1	0	22.47	22.29	22.24	23.20
		1	7	22.38	22.44	22.18	23.20
		1	14	22.40	22.23	22.29	23.20
		8	0	22.54	22.29	22.31	23.20
		8	4	22.34	22.34	22.17	23.20
		8	7	22.51	22.39	22.11	23.20
		15	0	22.42	22.26	22.28	23.20
		1	0	22.41	22.26	22.15	23.20
	16QAM	1	7	22.40	22.24	22.18	23.20
		1	14	22.39	22.29	22.19	23.20
		8	0	22.37	22.23	22.33	23.20
		8	4	22.32	22.39	22.20	23.20
		8	7	22.29	22.23	22.25	23.20



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	64QAM	15	0	22.36	22.29	22.11	23.20
		1	0	22.44	22.22	22.21	23.20
		1	7	22.33	22.21	22.25	23.20
		1	14	22.46	22.37	22.27	23.20
		8	0	22.03	22.01	21.92	22.70
		8	4	21.85	21.77	21.67	22.70
		8	7	21.69	21.76	21.83	22.70
		15	0	21.77	21.84	21.79	22.70
	256QAM	1	0	19.79	19.80	19.70	20.70
		1	7	20.04	19.96	19.92	20.70
		1	14	19.67	19.64	19.69	20.70
		8	0	19.65	19.58	19.53	20.70
		8	4	19.80	19.69	19.82	20.70
		8	7	19.81	19.77	19.72	20.70
		15	0	19.89	19.78	19.80	20.70
		15	0	19.89	19.78	19.80	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.54	22.25	22.16	23.20
		1	13	22.38	22.38	22.19	23.20
		1	24	22.39	22.26	22.29	23.20
		12	0	22.47	22.35	22.29	23.20
		12	6	22.32	22.31	22.19	23.20
		12	13	22.54	22.41	22.12	23.20
		25	0	22.40	22.24	22.32	23.20
		25	0	22.40	22.24	22.32	23.20
	16QAM	1	0	22.46	22.29	22.22	23.20
		1	13	22.37	22.27	22.16	23.20
		1	24	22.40	22.22	22.18	23.20
		12	0	22.36	22.22	22.31	23.20
		12	6	22.40	22.39	22.13	23.20
		12	13	22.36	22.24	22.25	23.20
		25	0	22.29	22.24	22.09	23.20
		25	0	22.29	22.24	22.09	23.20
	64QAM	1	0	22.43	22.20	22.21	23.20
		1	13	22.35	22.23	22.28	23.20
		1	24	22.50	22.35	22.34	23.20
		12	0	21.89	21.90	21.95	22.70
		12	6	21.84	21.81	21.80	22.70
		12	13	21.88	21.79	21.86	22.70
		25	0	21.86	21.86	21.87	22.70
		25	0	21.86	21.86	21.87	22.70
	256QAM	1	0	19.60	19.76	19.79	20.70
		1	13	19.91	19.86	19.91	20.70
		1	24	19.72	19.72	19.71	20.70
		12	0	19.57	19.60	19.61	20.70
		12	6	19.87	19.71	19.66	20.70
		12	13	19.80	19.66	19.76	20.70
		25	0	19.62	19.69	19.73	20.70
		25	0	19.62	19.69	19.73	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.46	22.24	22.17	23.20
		1	25	22.42	22.40	22.18	23.20
		1	49	22.41	22.26	22.26	23.20
		25	0	22.52	22.29	22.31	23.20
		25	13	22.35	22.27	22.15	23.20
		25	25	22.52	22.35	22.12	23.20
		50	0	22.42	22.28	22.32	23.20
		50	0	22.42	22.28	22.32	23.20
	16QAM	1	0	22.44	22.29	22.21	23.20
		1	25	22.42	22.26	22.20	23.20
		1	49	22.44	22.21	22.17	23.20
		25	0	22.32	22.25	22.30	23.20
		25	13	22.33	22.34	22.16	23.20
		25	25	22.33	22.24	22.22	23.20
		50	0	22.30	22.29	22.14	23.20
		50	0	22.30	22.29	22.14	23.20



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	64QAM	1	0	22.40	22.27	22.23	23.20
		1	25	22.36	22.25	22.22	23.20
		1	49	22.47	22.37	22.34	23.20
		25	0	21.79	21.82	21.83	22.70
		25	13	21.92	21.90	21.78	22.70
		25	25	21.76	21.80	21.85	22.70
	256QAM	50	0	21.83	21.96	21.93	22.70
		1	0	19.73	19.79	19.90	20.70
		1	25	19.88	19.85	19.87	20.70
		1	49	19.74	19.71	19.64	20.70
		25	0	19.55	19.59	19.59	20.70
		25	13	19.73	19.77	19.79	20.70
15MHz	QPSK	25	25	19.57	19.61	19.60	20.70
		50	0	19.75	19.60	19.68	20.70
	16QAM	Bandwidth		Channel	Channel	Channel	Tune up
		Modulation		20025	20175	20325	
		RB size		RB offset			
		1	0	22.49	22.32	22.18	23.20
	64QAM	1	38	22.40	22.37	22.16	23.20
		1	74	22.41	22.23	22.24	23.20
		36	0	22.54	22.37	22.25	23.20
		36	18	22.33	22.27	22.15	23.20
		36	39	22.50	22.39	22.12	23.20
		75	0	22.47	22.24	22.28	23.20
20MHz	16QAM	1	0	22.41	22.30	22.22	23.20
		1	38	22.41	22.24	22.17	23.20
		1	74	22.42	22.25	22.21	23.20
		36	0	22.38	22.23	22.28	23.20
		36	18	22.38	22.40	22.14	23.20
		36	39	22.32	22.25	22.23	23.20
	256QAM	75	0	22.35	22.25	22.15	23.20
		1	0	22.40	22.27	22.24	23.20
		1	38	22.32	22.25	22.24	23.20
		1	74	22.42	22.30	22.32	23.20
		36	0	21.81	21.80	21.82	22.70
		36	18	21.89	21.75	21.83	22.70
	QPSK	36	39	21.70	21.75	21.75	22.70
		75	0	21.96	21.85	21.89	22.70
	16QAM	1	0	19.99	19.91	19.85	20.70
		1	38	19.79	19.73	19.75	20.70
		1	74	19.83	19.69	19.72	20.70
		36	0	19.65	19.72	19.75	20.70
	64QAM	36	18	19.85	19.85	19.80	20.70
		36	39	19.70	19.67	19.72	20.70
		75	0	19.71	19.71	19.58	20.70
	256QAM	Bandwidth		Channel	Channel	Channel	Tune up
		Modulation		/	20175	/	
		RB size		RB offset			
		1	0	/	22.31	/	23.20
		1	50	/	22.28	/	23.20
	QPSK	1	99	/	22.37	/	23.20
		50	0	/	22.19	/	23.20
		50	25	/	22.26	/	23.20
		50	50	/	22.28	/	23.20
		100	0	/	22.32	/	23.20
		1	0	/	22.22	/	23.20
	16QAM	1	50	/	22.37	/	23.20
		1	99	/	22.22	/	23.20
		50	0	/	22.25	/	23.20
		50	25	/	22.33	/	23.20
		50	50	/	22.36	/	23.20
		100	0	/	22.42	/	23.20
	64QAM	1	0	/	22.30	/	23.20
		Bandwidth		Channel	Channel	Channel	Tune up
		Modulation		/	20175	/	
		RB size		RB offset			
		1	0	/	22.31	/	23.20



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		1	50	/	22.28	/	23.20
		1	99	/	22.26	/	23.20
		50	0	/	21.79	/	22.70
		50	25	/	21.82	/	22.70
		50	50	/	21.72	/	22.70
		100	0	/	21.80	/	22.70
	256QAM	1	0	/	19.81	/	20.70
		1	50	/	19.81	/	20.70
		1	99	/	19.81	/	20.70
		50	0	/	19.80	/	20.70
		50	25	/	19.83	/	20.70
		50	50	/	19.67	/	20.70
		100	0	/	19.63	/	20.70

LTE Band 66 DS10/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	24.71	24.81	24.59	25.70
		1	2	24.98	24.89	24.65	25.70
		1	5	24.76	24.76	24.73	25.70
		3	0	24.82	24.70	24.54	25.70
		3	1	24.69	24.72	24.42	25.70
		3	3	24.77	24.74	24.59	25.70
	16QAM	6	0	24.07	23.82	23.86	24.70
		1	0	23.85	23.69	23.85	24.70
		1	2	23.83	23.96	23.84	24.70
		1	5	23.63	23.60	23.56	24.70
		3	0	24.06	23.97	23.71	24.70
		3	1	23.75	23.78	23.66	24.70
	64QAM	3	3	23.73	23.83	23.66	24.70
		6	0	22.48	23.05	22.81	23.70
		1	0	22.57	22.86	22.77	23.70
		1	2	22.50	22.34	22.62	23.70
		1	5	22.69	22.71	22.49	23.70
		3	0	22.67	22.69	22.84	23.70
	256QAM	3	1	23.02	22.84	22.76	23.70
		3	3	22.82	22.71	22.63	23.70
		6	0	21.68	22.03	22.07	22.70
		1	0	19.64	19.96	19.68	20.70
		1	2	19.88	19.76	19.91	20.70
		1	5	19.63	19.51	19.86	20.70
		3	0	19.85	19.71	19.81	20.70
		3	1	19.88	19.68	19.65	20.70
3MHz	QPSK	3	3	19.87	19.60	19.58	20.70
		6	0	19.47	19.59	19.88	20.70
	16QAM	1	0	24.67	24.81	24.52	25.70
		1	7	24.97	24.86	24.55	25.70
		1	14	24.83	24.78	24.71	25.70
		8	0	23.83	23.64	23.52	24.70
		8	4	23.79	23.74	23.49	24.70
		8	7	23.81	23.80	23.65	24.70
		15	0	23.99	23.92	23.96	24.70
	16QAM	1	0	23.75	23.67	23.88	24.70
		1	7	23.86	23.97	23.89	24.70
		1	14	23.60	23.66	23.64	24.70
		8	0	22.98	23.02	22.80	23.70
		8	4	22.74	22.69	22.68	23.70



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	64QAM	8	7	22.82	22.78	22.59	23.70
		15	0	22.51	22.95	22.73	23.70
		1	0	22.47	22.89	22.73	23.70
		1	7	22.50	22.42	22.70	23.70
		1	14	22.60	22.73	22.59	23.70
		8	0	21.75	21.69	21.84	22.70
		8	4	21.97	21.79	21.85	22.70
		8	7	21.73	21.77	21.70	22.70
	256QAM	15	0	21.68	21.93	22.11	22.70
		1	0	19.70	19.92	19.74	20.70
		1	7	19.79	19.76	19.88	20.70
		1	14	19.59	19.60	19.81	20.70
		8	0	19.92	19.79	19.72	20.70
		8	4	19.91	19.63	19.73	20.70
		8	7	19.89	19.59	19.56	20.70
		15	0	19.51	19.67	19.78	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	24.77	24.88	24.61	25.70
		1	13	24.88	24.80	24.60	25.70
		1	24	24.88	24.83	24.61	25.70
		12	0	23.84	23.57	23.55	24.70
		12	6	23.72	23.66	23.56	24.70
		12	13	23.77	23.86	23.58	24.70
		25	0	23.91	23.97	23.97	24.70
		25	0	23.83	23.72	23.79	24.70
	16QAM	1	13	23.80	23.88	23.90	24.70
		1	24	23.70	23.70	23.71	24.70
		12	0	22.96	23.03	22.83	23.70
		12	6	22.68	22.73	22.77	23.70
		12	13	22.82	22.69	22.57	23.70
		25	0	22.60	22.87	22.70	23.70
		25	0	22.51	22.80	22.81	23.70
		25	0	22.55	22.49	22.63	23.70
	64QAM	1	24	22.70	22.68	22.66	23.70
		12	0	21.79	21.73	21.76	22.70
		12	6	21.97	21.81	21.91	22.70
		12	13	21.65	21.68	21.74	22.70
		25	0	21.74	21.88	22.06	22.70
		25	0	19.70	19.92	19.78	20.70
		25	0	19.70	19.82	19.83	20.70
		25	0	19.65	19.65	19.73	20.70
	256QAM	12	0	19.82	19.81	19.69	20.70
		12	6	19.96	19.71	19.81	20.70
		12	13	19.88	19.69	19.64	20.70
		25	0	19.58	19.64	19.71	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	24.80	24.78	24.69	25.70
		1	25	24.92	24.81	24.69	25.70
		1	49	24.80	24.73	24.71	25.70
		25	0	23.75	23.66	23.64	24.70
		25	13	23.73	23.63	23.62	24.70
		25	25	23.70	23.82	23.57	24.70
		50	0	23.84	23.92	23.92	24.70
		50	0	23.83	23.75	23.81	24.70
	16QAM	1	25	23.81	23.78	23.82	24.70
		1	49	23.67	23.78	23.68	24.70
		25	0	22.95	23.01	22.89	23.70
		25	13	22.66	22.76	22.80	23.70
		25	25	22.85	22.74	22.67	23.70
		25	25	22.85	22.74	22.67	23.70
		25	25	22.85	22.74	22.67	23.70
		25	25	22.85	22.74	22.67	23.70



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	64QAM	50	0	22.70	22.77	22.72	23.70
		1	0	22.61	22.72	22.74	23.70
		1	25	22.62	22.57	22.60	23.70
		1	49	22.71	22.75	22.62	23.70
		25	0	21.73	21.77	21.68	22.70
		25	13	21.93	21.86	21.96	22.70
		25	25	21.67	21.74	21.76	22.70
		50	0	21.82	21.91	21.97	22.70
	256QAM	1	0	19.73	19.91	19.80	20.70
		1	25	19.65	19.84	19.74	20.70
		1	49	19.74	19.67	19.83	20.70
		25	0	19.87	19.87	19.64	20.70
		25	13	19.92	19.66	19.89	20.70
		25	25	19.84	19.76	19.60	20.70
		50	0	19.66	19.61	19.73	20.70
		50	0	19.66	19.61	19.73	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	24.83	24.75	24.72	25.70
		1	38	24.89	24.90	24.79	25.70
		1	74	24.87	24.79	24.70	25.70
		36	0	23.78	23.69	23.74	24.70
		36	18	23.70	23.71	23.68	24.70
		36	39	23.63	23.82	23.64	24.70
		75	0	23.84	23.86	23.84	24.70
	16QAM	1	0	23.83	23.80	23.76	24.70
		1	38	23.83	23.73	23.74	24.70
		1	74	23.68	23.83	23.78	24.70
		36	0	22.85	22.95	22.93	23.70
		36	18	22.69	22.72	22.71	23.70
		36	39	22.79	22.72	22.59	23.70
		75	0	22.80	22.83	22.69	23.70
	64QAM	1	0	22.66	22.79	22.69	23.70
		1	38	22.66	22.64	22.66	23.70
		1	74	22.73	22.72	22.71	23.70
		36	0	21.77	21.82	21.77	22.70
		36	18	21.87	21.84	21.94	22.70
		36	39	21.67	21.69	21.70	22.70
		75	0	21.92	21.93	21.91	22.70
	256QAM	1	0	19.78	19.88	19.83	20.70
		1	38	19.74	19.74	19.73	20.70
		1	74	19.75	19.73	19.73	20.70
		36	0	19.86	19.77	19.68	20.70
		36	18	19.91	19.75	19.81	20.70
		36	39	19.76	19.68	19.60	20.70
		75	0	19.64	19.65	19.79	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	24.83	24.79	24.82	25.70
		1	50	24.87	24.80	24.81	25.70
		1	99	24.77	24.71	24.74	25.70
		50	0	23.68	23.73	23.66	24.70
		50	25	23.71	23.68	23.74	24.70
		50	50	23.73	23.76	23.73	24.70
		100	0	23.76	23.77	23.78	24.70
	16QAM	1	0	23.80	23.80	23.86	24.70
		1	50	23.82	23.78	23.77	24.70
		1	99	23.78	23.76	23.73	24.70
		50	0	22.86	22.86	22.85	23.70
		50	25	22.74	22.72	22.70	23.70
		50	50	22.69	22.71	22.69	23.70
		100	0	22.76	22.76	22.70	23.70
		100	0	22.76	22.76	22.70	23.70
		100	0	22.76	22.76	22.70	23.70



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