

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

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

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		50	0	16.69	16.78	16.76	18.50
		50	25	16.69	16.81	16.75	18.50
		50	50	16.63	16.82	16.74	18.50
		100	0	16.67	16.79	16.78	18.50

LTE Band 2 -QM77051 DSI0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.26	22.75	22.50	24.00
		1	2	22.52	22.57	22.55	24.00
		1	5	22.53	22.67	22.38	24.00
		3	0	22.46	22.58	22.69	24.00
		3	2	22.47	22.34	22.47	24.00
		3	3	22.52	22.65	22.68	24.00
	16QAM	6	0	21.76	21.61	21.37	23.00
		1	0	21.28	21.46	21.44	23.00
		1	2	21.40	21.65	21.47	23.00
		1	5	21.67	21.53	21.44	23.00
		3	0	21.78	21.48	21.41	23.00
		3	2	21.42	21.36	21.42	23.00
	64QAM	3	3	21.44	21.61	21.40	23.00
		6	0	20.31	20.49	20.45	22.00
		1	0	20.54	20.43	20.65	22.00
		1	2	20.49	20.27	20.53	22.00
		1	5	20.16	20.08	20.43	22.00
		3	0	20.71	20.14	20.41	22.00
3MHz	QPSK	3	2	20.66	20.49	20.55	22.00
		3	3	20.43	20.67	20.51	22.00
		6	0	19.41	19.58	19.63	21.00
	16QAM	1	0	17.45	17.45	17.28	19.00
		1	2	17.53	17.56	17.73	19.00
		1	5	17.42	17.53	17.43	19.00
	64QAM	3	0	17.45	17.55	17.59	19.00
		3	2	17.76	17.85	17.80	19.00
		3	3	17.51	17.52	17.52	19.00
		6	0	17.53	17.49	17.32	19.00
	256QAM	1	0	18.615	18.900	19.185	24.00
		1	7	22.28	22.69	22.51	24.00
		1	14	22.46	22.58	22.48	24.00
		8	0	22.59	22.61	22.43	24.00
		8	4	21.43	21.61	21.63	23.00
		8	7	21.40	21.35	21.57	23.00
	16QAM	8	7	21.49	21.61	21.71	23.00
		15	0	21.72	21.54	21.45	23.00
		1	0	21.36	21.41	21.35	23.00
		1	7	21.33	21.58	21.51	23.00
		1	14	21.58	21.46	21.40	23.00
		8	0	20.73	20.58	20.34	22.00
	64QAM	8	4	20.45	20.42	20.43	22.00
		8	7	20.51	20.51	20.45	22.00
		15	0	20.39	20.45	20.45	22.00
		1	0	20.58	20.44	20.64	22.00
		1	7	20.45	20.35	20.62	22.00
		1	14	20.19	20.18	20.50	22.00
		8	0	19.64	19.22	19.48	21.00
		8	4	19.73	19.59	19.59	21.00
		8	7	19.38	19.64	19.46	21.00
		15	0	19.40	19.59	19.59	21.00



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		1	0	17.43	17.54	17.34	19.00
		1	7	17.46	17.64	17.78	19.00
		1	14	17.42	17.48	17.52	19.00
		8	0	17.49	17.58	17.58	19.00
		8	4	17.67	17.75	17.76	19.00
		8	7	17.46	17.49	17.58	19.00
		15	0	17.58	17.45	17.35	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	22.38	22.66	22.41	24.00
		1	13	22.52	22.55	22.41	24.00
		1	24	22.58	22.62	22.38	24.00
		12	0	21.53	21.54	21.56	23.00
		12	6	21.34	21.34	21.59	23.00
		12	13	21.44	21.56	21.63	23.00
	16QAM	25	0	21.67	21.49	21.50	23.00
		1	0	21.37	21.49	21.38	23.00
		1	13	21.39	21.59	21.43	23.00
		1	24	21.66	21.48	21.49	23.00
		12	0	20.77	20.63	20.33	22.00
		12	6	20.39	20.39	20.42	22.00
	64QAM	12	13	20.46	20.45	20.46	22.00
		25	0	20.31	20.39	20.49	22.00
		1	0	20.50	20.52	20.62	22.00
		1	13	20.49	20.36	20.66	22.00
		1	24	20.19	20.14	20.44	22.00
		12	0	19.74	19.31	19.43	21.00
10MHz	QPSK	12	6	19.78	19.49	19.63	21.00
		12	13	19.34	19.59	19.43	21.00
		25	0	19.49	19.66	19.54	21.00
	16QAM	1	0	17.50	17.49	17.41	19.00
		1	13	17.38	17.74	17.74	19.00
		1	24	17.43	17.50	17.60	19.00
	64QAM	12	0	17.44	17.52	17.55	19.00
		12	6	17.72	17.65	17.85	19.00
		12	13	17.39	17.58	17.57	19.00
		25	0	17.52	17.55	17.33	19.00
	256QAM	1	0	22.34	22.57	22.41	24.00
		1	25	22.58	22.55	22.51	24.00
		1	49	22.63	22.54	22.28	24.00
		25	0	21.61	21.63	21.47	23.00
		25	13	21.43	21.32	21.50	23.00
		25	25	21.49	21.57	21.60	23.00
10MHz	QPSK	50	0	21.57	21.45	21.46	23.00
		1	0	21.38	21.52	21.30	23.00
		1	25	21.48	21.59	21.45	23.00
	16QAM	1	49	21.59	21.43	21.40	23.00
		25	0	20.70	20.63	20.42	22.00
		25	13	20.34	20.48	20.48	22.00
	64QAM	25	25	20.48	20.51	20.39	22.00
		50	0	20.29	20.45	20.45	22.00
		1	0	20.56	20.60	20.53	22.00
		1	25	20.48	20.40	20.62	22.00
		1	49	20.22	20.24	20.53	22.00
		25	0	19.68	19.34	19.47	21.00
	256QAM	25	13	19.68	19.56	19.58	21.00
		25	25	19.40	19.64	19.43	21.00
		50	0	19.46	19.67	19.61	21.00
		1	0	17.54	17.39	17.47	19.00



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		1	25	17.42	17.65	17.68	19.00
		1	49	17.50	17.57	17.62	19.00
		25	0	17.42	17.42	17.55	19.00
		25	13	17.71	17.73	17.78	19.00
		25	25	17.39	17.49	17.48	19.00
		50	0	17.53	17.47	17.39	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.39	22.56	22.48	24.00
		1	38	22.59	22.49	22.42	24.00
		1	74	22.57	22.45	22.33	24.00
		36	0	21.61	21.56	21.43	23.00
		36	18	21.49	21.37	21.46	23.00
		36	39	21.55	21.55	21.56	23.00
		75	0	21.62	21.54	21.53	23.00
	16QAM	1	0	21.43	21.49	21.33	23.00
		1	38	21.48	21.65	21.44	23.00
		1	74	21.61	21.51	21.39	23.00
		36	0	20.73	20.53	20.50	22.00
		36	18	20.39	20.38	20.38	22.00
		36	39	20.41	20.49	20.43	22.00
		75	0	20.39	20.49	20.52	22.00
	64QAM	1	0	20.53	20.61	20.56	22.00
		1	38	20.47	20.47	20.53	22.00
		1	74	20.27	20.30	20.44	22.00
		36	0	19.60	19.43	19.49	21.00
		36	18	19.61	19.58	19.53	21.00
		36	39	19.47	19.54	19.39	21.00
		75	0	19.53	19.69	19.60	21.00
	256QAM	1	0	17.54	17.34	17.50	19.00
		1	38	17.42	17.69	17.58	19.00
		1	74	17.45	17.67	17.63	19.00
		36	0	17.42	17.47	17.54	19.00
		36	18	17.66	17.70	17.68	19.00
		36	39	17.39	17.48	17.40	19.00
		75	0	17.53	17.52	17.40	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.44	22.52	22.50	24.00
		1	50	22.53	22.47	22.47	24.00
		1	99	22.48	22.39	22.39	24.00
		50	0	21.51	21.49	21.44	23.00
		50	25	21.51	21.39	21.41	23.00
		50	50	21.46	21.53	21.54	23.00
		100	0	21.53	21.52	21.44	23.00
	16QAM	1	0	21.39	21.45	21.40	23.00
		1	50	21.56	21.62	21.54	23.00
		1	99	21.53	21.45	21.43	23.00
		50	0	20.67	20.60	20.57	22.00
		50	25	20.42	20.48	20.45	22.00
		50	50	20.42	20.47	20.45	22.00
		100	0	20.39	20.39	20.46	22.00
	64QAM	1	0	20.54	20.52	20.48	22.00
		1	50	20.38	20.41	20.45	22.00
		1	99	20.29	20.27	20.34	22.00
		50	0	19.54	19.53	19.57	21.00
		50	25	19.51	19.58	19.61	21.00
		50	50	19.42	19.46	19.34	21.00
		100	0	19.56	19.65	19.59	21.00
	256QAM	1	0	17.51	17.44	17.44	19.00
		1	50	17.50	17.59	17.59	19.00



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		1	99	17.52	17.59	17.61	19.00
		50	0	17.48	17.50	17.54	19.00
		50	25	17.58	17.65	17.67	19.00
		50	50	17.40	17.42	17.30	19.00
		100	0	17.45	17.50	17.47	19.00

LTE Band 2 -QM77051 DSI1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	18.82	18.94	18.88	20.50
		1	2	18.84	19.04	18.93	20.50
		1	5	18.87	18.97	18.82	20.50
		3	0	18.78	19.06	18.95	20.50
		3	2	18.89	18.85	19.00	20.50
		3	3	18.88	18.90	18.93	20.50
	16QAM	6	0	18.77	18.98	18.92	20.50
		1	0	18.84	18.91	18.96	20.50
		1	2	19.00	18.99	18.95	20.50
		1	5	18.92	18.98	18.89	20.50
		3	0	18.86	19.04	19.00	20.50
		3	2	19.00	18.98	19.01	20.50
	64QAM	3	3	18.97	18.98	18.87	20.50
		6	0	18.86	18.91	18.96	20.50
		1	0	18.92	19.00	18.99	20.50
		1	2	18.97	18.98	18.89	20.50
		1	5	18.97	18.96	19.07	20.50
		3	0	18.88	18.99	18.92	20.50
	256QAM	3	2	19.00	18.89	18.93	20.50
		3	3	18.98	18.93	18.96	20.50
		6	0	18.85	18.99	19.02	20.50
		1	0	17.41	17.34	17.44	19.00
		1	2	17.49	17.67	17.56	19.00
		1	5	17.39	17.46	17.62	19.00
3MHz	QPSK	3	0	17.33	17.45	17.40	19.00
		3	2	17.66	17.56	17.61	19.00
		3	3	17.35	17.37	17.29	19.00
		6	0	17.32	17.51	17.39	19.00
	16QAM	1	0	18.98	18.95	18.97	20.50
		1	7	18.81	19.03	19.01	20.50
		1	14	18.86	18.91	18.97	20.50
		8	0	18.97	18.89	18.96	20.50
		8	4	18.78	18.92	18.90	20.50
		8	7	18.79	18.96	18.92	20.50
	64QAM	15	0	18.95	18.96	18.93	20.50
		1	0	18.96	18.92	19.04	20.50
		1	7	18.97	18.89	18.99	20.50
		1	14	18.84	19.08	18.92	20.50
		8	0	18.79	19.06	18.90	20.50
		8	4	19.00	18.90	18.97	20.50
		8	7	18.98	18.97	18.96	20.50
		15	0	18.89	18.92	18.93	20.50
		1	0	18.89	18.88	18.99	20.50
		1	7	18.85	18.91	19.00	20.50
		1	14	18.86	18.95	18.93	20.50
		8	0	18.95	18.93	19.00	20.50
		8	4	18.96	18.89	18.83	20.50
		8	7	18.90	19.00	18.96	20.50



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		15	0	18.80	18.99	19.03	20.50
		1	0	17.47	17.45	17.45	19.00
		1	7	17.51	17.66	17.57	19.00
		1	14	17.58	17.59	17.59	19.00
		8	0	17.36	17.50	17.52	19.00
		8	4	17.65	17.60	17.55	19.00
		8	7	17.34	17.31	17.28	19.00
		15	0	17.41	17.46	17.40	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.93	18.94	18.91	20.50
		1	13	18.88	18.97	18.98	20.50
		1	24	18.95	18.99	18.94	20.50
		12	0	18.84	18.89	18.93	20.50
		12	6	18.96	18.91	18.89	20.50
		12	13	18.91	18.94	18.88	20.50
		25	0	18.96	18.98	19.04	20.50
	16QAM	1	0	18.86	19.05	18.90	20.50
		1	13	18.94	18.95	19.03	20.50
		1	24	18.84	18.97	18.88	20.50
		12	0	19.01	19.04	18.87	20.50
		12	6	18.90	18.88	18.83	20.50
		12	13	18.88	19.03	18.99	20.50
		25	0	18.91	18.90	18.93	20.50
	64QAM	1	0	18.97	19.02	18.88	20.50
		1	13	18.81	18.91	19.02	20.50
		1	24	18.82	19.04	18.94	20.50
		12	0	18.84	19.03	18.99	20.50
		12	6	18.99	19.02	18.85	20.50
		12	13	18.89	19.01	18.95	20.50
		25	0	18.79	18.97	18.97	20.50
	256QAM	1	0	17.46	17.30	17.43	19.00
		1	13	17.44	17.50	17.54	19.00
		1	24	17.53	17.61	17.53	19.00
		12	0	17.48	17.44	17.39	19.00
		12	6	17.65	17.73	17.54	19.00
		12	13	17.31	17.40	17.21	19.00
		25	0	17.42	17.48	17.37	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.93	18.91	19.08	20.50
		1	25	18.93	18.97	18.99	20.50
		1	49	18.82	18.96	18.95	20.50
		25	0	18.86	18.92	18.97	20.50
		25	13	18.79	18.88	19.05	20.50
		25	25	18.92	18.92	18.98	20.50
		50	0	18.84	19.00	19.00	20.50
	16QAM	1	0	18.85	19.04	19.05	20.50
		1	25	18.90	18.91	19.00	20.50
		1	49	18.79	18.90	18.88	20.50
		25	0	18.90	19.03	19.00	20.50
		25	13	18.90	18.89	19.04	20.50
		25	25	18.87	18.90	18.97	20.50
		50	0	18.93	19.04	18.99	20.50
	64QAM	1	0	18.87	18.99	18.91	20.50
		1	25	18.94	18.85	18.94	20.50
		1	49	18.95	19.02	18.88	20.50
		25	0	18.94	19.01	18.96	20.50
		25	13	18.88	19.00	18.90	20.50
		25	25	18.83	18.91	18.92	20.50
		50	0	18.82	18.98	18.85	20.50



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		1	0	17.41	17.38	17.39	19.00
		1	25	17.39	17.51	17.57	19.00
		1	49	17.46	17.48	17.62	19.00
	256QAM	25	0	17.47	17.54	17.43	19.00
		25	13	17.50	17.59	17.55	19.00
		25	25	17.45	17.41	17.34	19.00
		50	0	17.37	17.41	17.44	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	18.87	19.03	18.98	20.50
		1	38	18.83	18.93	18.86	20.50
		1	74	18.96	18.91	18.86	20.50
		36	0	18.82	19.02	19.02	20.50
		36	18	18.96	19.08	18.95	20.50
		36	39	18.92	18.89	19.01	20.50
		75	0	18.94	18.88	18.96	20.50
	16QAM	1	0	18.89	19.04	18.93	20.50
		1	38	18.91	19.00	18.95	20.50
		1	74	18.89	18.94	18.91	20.50
		36	0	18.96	18.90	18.92	20.50
		36	18	18.89	19.03	19.06	20.50
		36	39	18.84	18.95	18.87	20.50
		75	0	18.81	18.84	18.90	20.50
	64QAM	1	0	18.86	19.06	18.88	20.50
		1	38	18.98	18.85	18.88	20.50
		1	74	18.88	18.95	18.97	20.50
		36	0	18.92	19.03	18.86	20.50
		36	18	18.80	19.02	18.98	20.50
		36	39	18.88	18.93	18.92	20.50
		75	0	18.78	19.03	18.88	20.50
	256QAM	1	0	17.37	17.45	17.50	19.00
		1	38	17.46	17.56	17.53	19.00
		1	74	17.42	17.54	17.45	19.00
		36	0	17.45	17.35	17.40	19.00
		36	18	17.40	17.55	17.74	19.00
		36	39	17.35	17.35	17.24	19.00
		75	0	17.44	17.50	17.41	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	18.94	19.03	18.96	20.50
		1	50	18.83	18.99	18.99	20.50
		1	99	18.86	18.87	18.90	20.50
		50	0	18.80	19.07	18.96	20.50
		50	25	18.92	18.95	18.93	20.50
		50	50	18.85	18.94	18.91	20.50
		100	0	18.81	18.93	18.98	20.50
	16QAM	1	0	18.89	18.93	19.01	20.50
		1	50	18.82	19.02	18.99	20.50
		1	99	18.85	18.92	18.99	20.50
		50	0	18.84	18.91	19.05	20.50
		50	25	18.82	18.93	18.95	20.50
		50	50	18.77	18.91	18.95	20.50
		100	0	18.95	19.02	19.02	20.50
	64QAM	1	0	18.94	18.94	19.00	20.50
		1	50	18.88	18.99	18.96	20.50
		1	99	18.97	18.89	18.99	20.50
		50	0	18.95	18.86	18.92	20.50
		50	25	18.96	18.90	19.06	20.50
		50	50	18.87	18.97	18.88	20.50
		100	0	18.82	18.91	18.88	20.50
	256QAM	1	0	17.56	17.46	17.30	19.00



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		1	50	17.35	17.64	17.52	19.00
		1	99	17.45	17.49	17.61	19.00
		50	0	17.33	17.38	17.58	19.00
		50	25	17.58	17.53	17.72	19.00
		50	50	17.35	17.43	17.31	19.00
		100	0	17.29	17.49	17.52	19.00

LTE Band 2 -QM77051 DSI1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	16.82	16.95	16.84	18.50
		1	2	16.77	17.04	16.89	18.50
		1	5	16.87	16.99	16.85	18.50
		3	0	16.81	17.02	16.94	18.50
		3	2	16.86	16.86	17.05	18.50
		3	3	16.87	16.88	16.92	18.50
	16QAM	6	0	16.77	16.95	16.90	18.50
		1	0	16.87	16.93	16.98	18.50
		1	2	16.95	16.97	16.99	18.50
		1	5	16.92	17.03	16.92	18.50
		3	0	16.86	17.05	16.97	18.50
		3	2	16.99	16.93	17.01	18.50
	64QAM	3	3	16.95	16.99	16.88	18.50
		6	0	16.78	16.93	16.95	18.50
		1	0	16.95	17.01	16.92	18.50
		1	2	16.97	16.96	16.84	18.50
		1	5	16.94	17.00	17.04	18.50
		3	0	16.95	16.99	16.88	18.50
	256QAM	3	2	16.97	16.95	16.94	18.50
		3	3	17.02	16.95	16.95	18.50
		6	0	16.85	17.05	17.05	18.50
		1	0	16.86	16.97	17.05	18.50
		1	2	16.85	17.04	16.99	18.50
		1	5	16.83	17.05	17.06	18.50
3MHz	QPSK	3	0	16.86	17.02	17.01	18.50
		3	2	16.89	17.03	17.03	18.50
		3	3	16.84	17.04	16.98	18.50
		6	0	16.86	16.98	16.99	18.50
	16QAM	1	0	16.95	16.89	17.03	18.50
		1	7	16.82	17.03	16.98	18.50
		1	14	16.87	16.92	16.96	18.50
		8	0	16.91	16.88	16.93	18.50
		8	4	16.77	17.00	16.86	18.50
		8	7	16.82	16.96	16.92	18.50
	64QAM	15	0	16.90	16.97	16.93	18.50
		1	0	16.97	16.99	17.04	18.50
		1	7	17.01	16.92	16.95	18.50
		1	14	16.81	17.07	16.90	18.50
		8	0	16.87	17.08	16.94	18.50
		8	4	17.00	16.87	16.94	18.50
	256QAM	8	7	16.91	17.00	16.97	18.50
		15	0	16.97	16.97	16.96	18.50
		1	0	16.94	16.86	16.95	18.50
		1	7	16.85	16.92	16.95	18.50
		1	14	16.83	16.95	16.98	18.50
		8	0	16.91	16.89	17.08	18.50
		8	4	16.95	16.89	16.89	18.50



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	256QAM	8	7	16.92	17.03	16.98	18.50
		15	0	16.79	16.97	17.02	18.50
		1	0	16.80	16.95	17.01	18.50
		1	7	16.87	16.94	17.04	18.50
		1	14	16.82	17.01	16.97	18.50
		8	0	16.85	17.01	16.98	18.50
		8	4	16.82	16.97	16.98	18.50
		8	7	16.87	16.96	16.99	18.50
		15	0	16.82	16.93	17.01	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	16.96	17.00	16.89	18.50
		1	13	16.84	16.96	16.99	18.50
		1	24	16.88	17.04	16.94	18.50
		12	0	16.84	16.89	16.92	18.50
		12	6	16.93	16.95	16.89	18.50
		12	13	16.86	16.91	16.90	18.50
	16QAM	25	0	16.89	16.97	17.00	18.50
		1	0	16.89	17.04	16.95	18.50
		1	13	16.96	16.92	16.99	18.50
		1	24	16.82	16.91	16.88	18.50
		12	0	16.96	17.09	16.88	18.50
		12	6	16.83	16.89	16.83	18.50
	64QAM	12	13	16.89	16.98	16.91	18.50
		25	0	16.92	16.92	16.92	18.50
		1	0	16.94	16.98	16.94	18.50
		1	13	16.85	16.92	17.03	18.50
		1	24	16.81	17.00	16.94	18.50
		12	0	16.78	17.00	16.97	18.50
10MHz	QPSK	12	6	16.93	17.01	16.87	18.50
		12	13	16.88	17.05	16.89	18.50
		25	0	16.82	16.97	17.00	18.50
	16QAM	1	0	16.87	17.03	16.92	18.50
		1	13	16.89	17.05	16.95	18.50
		1	24	16.88	17.03	16.93	18.50
	256QAM	12	0	16.92	17.01	16.92	18.50
		12	6	16.91	17.03	16.91	18.50
		12	13	16.86	17.01	16.90	18.50
		25	0	16.93	17.05	16.91	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	16.94	16.96	17.06	18.50
		1	25	16.94	16.98	17.02	18.50
		1	49	16.79	17.02	16.95	18.50
		25	0	16.89	16.91	16.97	18.50
		25	13	16.81	16.88	17.04	18.50
		25	25	16.95	16.91	17.03	18.50
	16QAM	50	0	16.80	17.05	16.93	18.50
		1	0	16.79	17.03	17.06	18.50
		1	25	16.87	16.93	16.93	18.50
		1	49	16.81	16.89	16.95	18.50
		25	0	16.90	16.95	16.95	18.50
		25	13	16.87	16.90	17.03	18.50
10MHz	64QAM	25	25	16.89	16.93	16.93	18.50
		50	0	16.97	17.00	17.01	18.50
		1	0	16.86	17.00	16.95	18.50
		1	25	16.95	16.91	17.00	18.50
		1	49	16.97	16.96	16.86	18.50
		25	0	16.94	17.03	17.01	18.50
	256QAM	25	13	16.80	17.04	16.90	18.50
		25	25	16.82	16.92	16.98	18.50



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	256QAM	50	0	16.86	16.99	16.86	18.50
		1	0	16.82	17.02	16.88	18.50
		1	25	16.88	17.02	16.87	18.50
		1	49	16.86	17.03	16.83	18.50
		25	0	16.82	17.01	16.87	18.50
		25	13	16.80	16.97	16.84	18.50
		25	25	16.84	16.95	16.89	18.50
		50	0	16.82	16.96	16.90	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	16.88	17.05	16.96	18.50
		1	38	16.80	16.97	16.92	18.50
		1	74	17.01	16.86	16.86	18.50
		36	0	16.87	17.07	17.04	18.50
		36	18	16.94	17.06	16.99	18.50
		36	39	16.98	16.91	17.00	18.50
		75	0	16.94	16.90	16.91	18.50
	16QAM	1	0	16.92	17.06	16.94	18.50
		1	38	16.91	17.03	16.96	18.50
		1	74	16.90	16.89	16.93	18.50
		36	0	16.95	16.96	16.97	18.50
		36	18	16.86	17.03	17.04	18.50
		36	39	16.83	17.02	16.87	18.50
		75	0	16.84	16.89	16.96	18.50
	64QAM	1	0	16.89	17.01	16.84	18.50
		1	38	17.02	16.87	16.86	18.50
		1	74	16.84	16.92	16.95	18.50
		36	0	16.88	16.96	16.82	18.50
		36	18	16.76	16.97	17.01	18.50
		36	39	16.92	16.93	16.97	18.50
		75	0	16.84	17.00	16.90	18.50
	256QAM	1	0	16.83	17.06	16.90	18.50
		1	38	16.78	17.00	16.91	18.50
		1	74	16.78	16.99	16.84	18.50
		36	0	16.86	17.01	16.89	18.50
		36	18	16.81	17.05	16.92	18.50
		36	39	16.78	16.98	16.86	18.50
		75	0	16.80	17.05	16.86	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	17.11	17.08	17.02	18.50
		1	50	16.94	17.10	17.14	18.50
		1	99	16.97	16.95	16.99	18.50
		50	0	16.94	17.11	17.07	18.50
		50	25	17.06	17.00	17.01	18.50
		50	50	16.92	17.08	17.00	18.50
		100	0	16.91	17.05	17.08	18.50
	16QAM	1	0	17.03	16.97	17.09	18.50
		1	50	16.96	17.17	17.13	18.50
		1	99	16.97	17.06	17.01	18.50
		50	0	16.98	17.04	17.14	18.50
		50	25	16.90	17.02	17.10	18.50
		50	50	16.90	17.00	17.01	18.50
		100	0	17.11	17.13	17.04	18.50
	64QAM	1	0	17.12	17.01	17.07	18.50
		1	50	16.92	17.10	17.03	18.50
		1	99	17.00	17.02	17.05	18.50
		50	0	17.04	16.98	17.06	18.50
		50	25	17.03	17.01	17.13	18.50
		50	50	16.98	17.07	17.04	18.50
		100	0	16.94	17.00	17.04	18.50



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	256QAM	1	0	16.91	17.08	17.02	18.50
		1	50	16.86	17.07	16.96	18.50
		1	99	16.90	17.02	17.00	18.50
		50	0	16.88	17.00	16.96	18.50
		50	25	16.88	17.03	17.00	18.50
		50	50	16.91	17.01	16.96	18.50
		100	0	16.92	17.06	16.97	18.50

LTE Band 4 DSI0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	23.58	23.48	23.38	24.70
		1	2	23.34	23.42	23.50	24.70
		1	5	23.34	23.26	23.36	24.70
		3	0	23.47	23.40	23.43	24.70
		3	2	23.18	23.20	23.17	24.70
		3	3	23.27	23.35	23.42	24.70
	16QAM	6	0	22.31	22.29	22.32	23.70
		1	0	22.37	22.42	22.36	23.70
		1	2	22.45	22.38	22.33	23.70
		1	5	22.52	22.43	22.46	23.70
		3	0	22.34	22.44	22.38	23.70
		3	2	22.19	22.19	22.16	23.70
	64QAM	3	3	22.14	22.16	22.10	23.70
		6	0	21.19	21.20	21.10	22.70
		1	0	21.23	21.20	21.26	22.70
		1	2	21.29	21.19	21.29	22.70
		1	5	21.32	21.29	21.21	22.70
		3	0	21.54	21.46	21.56	22.70
	256QAM	3	2	21.07	21.10	21.13	22.70
		3	3	21.18	21.02	21.11	22.70
		6	0	20.16	20.16	20.20	21.70
		1	0	18.52	18.45	18.37	19.70
		1	2	18.48	18.50	18.52	19.70
		1	5	18.34	18.37	18.27	19.70
3MHz	QPSK	3	0	18.62	18.53	18.53	19.70
		3	2	18.29	18.38	18.31	19.70
		3	3	18.24	18.23	18.27	19.70
		6	0	18.39	18.43	18.37	19.70
	16QAM	1	0	23.35	23.41	23.51	24.70
		1	7	23.37	23.40	23.32	24.70
		1	14	23.32	23.32	23.38	24.70
		8	0	22.37	22.38	22.41	23.70
		8	4	22.14	22.10	22.03	23.70
		8	7	22.45	22.38	22.32	23.70
	64QAM	15	0	22.38	22.34	22.36	23.70
		1	0	22.43	22.33	22.42	23.70
		1	7	22.41	22.48	22.52	23.70
		1	14	22.46	22.39	22.35	23.70
		8	0	21.51	21.50	21.51	22.70
		8	4	21.07	21.15	21.10	22.70
	256QAM	8	7	21.19	21.21	21.21	22.70
		15	0	21.39	21.29	21.38	22.70
		1	0	21.15	21.20	21.14	22.70
		1	7	21.20	21.23	21.23	22.70
		1	14	21.39	21.39	21.40	22.70
		8	0	20.52	20.43	20.42	21.70



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	256QAM	8	4	20.24	20.19	20.14	21.70
		8	7	20.14	20.10	20.12	21.70
		15	0	20.20	20.26	20.21	21.70
		1	0	18.39	18.38	18.28	19.70
		1	7	18.46	18.46	18.42	19.70
		1	14	18.38	18.31	18.25	19.70
		8	0	18.42	18.45	18.49	19.70
		8	4	18.45	18.47	18.46	19.70
		8	7	18.29	18.32	18.39	19.70
		15	0	18.38	18.43	18.44	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.59	23.49	23.55	24.70
		1	13	23.48	23.40	23.48	24.70
		1	24	23.18	23.24	23.19	24.70
		12	0	22.33	22.42	22.49	23.70
		12	6	22.16	22.09	22.14	23.70
		12	13	22.32	22.31	22.29	23.70
	16QAM	25	0	22.45	22.44	22.50	23.70
		1	0	22.34	22.24	22.16	23.70
		1	13	22.33	22.42	22.36	23.70
		1	24	22.25	22.30	22.22	23.70
		12	0	21.54	21.54	21.55	22.70
		12	6	21.16	21.25	21.18	22.70
	64QAM	12	13	21.12	21.16	21.11	22.70
		25	0	21.20	21.27	21.17	22.70
		1	0	21.16	21.24	21.25	22.70
		1	13	21.36	21.26	21.30	22.70
		1	24	21.47	21.39	21.29	22.70
		12	0	20.34	20.33	20.31	21.70
10MHz	QPSK	12	6	20.26	20.29	20.38	21.70
		12	13	20.13	20.19	20.09	21.70
		25	0	20.35	20.35	20.28	21.70
	16QAM	1	0	18.41	18.43	18.42	19.70
		1	13	18.39	18.38	18.29	19.70
		1	24	18.27	18.33	18.37	19.70
	256QAM	12	0	18.55	18.46	18.49	19.70
		12	6	18.46	18.41	18.35	19.70
		12	13	18.17	18.27	18.26	19.70
		25	0	18.31	18.35	18.33	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.45	23.54	23.44	24.70
		1	25	23.39	23.39	23.36	24.70
		1	49	23.31	23.28	23.34	24.70
		25	0	22.39	22.47	22.40	23.70
		25	13	22.24	22.14	22.15	23.70
		25	25	22.28	22.36	22.35	23.70
	16QAM	50	0	22.37	22.39	22.34	23.70
		1	0	22.30	22.25	22.31	23.70
		1	25	22.57	22.50	22.53	23.70
		1	49	22.36	22.38	22.37	23.70
		25	0	21.48	21.45	21.45	22.70
		25	13	21.29	21.30	21.24	22.70
	64QAM	25	25	21.14	21.23	21.14	22.70
		50	0	21.37	21.34	21.41	22.70
		1	0	21.38	21.34	21.39	22.70
		1	25	21.36	21.26	21.23	22.70
		1	49	21.27	21.29	21.19	22.70
		25	0	20.38	20.40	20.46	21.70
	256QAM	25	13	20.32	20.37	20.45	21.70



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	256QAM	25	25	20.12	20.21	20.28	21.70
		50	0	20.40	20.39	20.39	21.70
		1	0	18.31	18.37	18.39	19.70
		1	25	18.26	18.35	18.26	19.70
		1	49	18.46	18.37	18.31	19.70
		25	0	18.46	18.37	18.30	19.70
		25	13	18.48	18.50	18.45	19.70
		25	25	18.24	18.29	18.37	19.70
		50	0	18.46	18.42	18.40	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	23.44	23.45	23.35	24.70
		1	38	23.37	23.41	23.39	24.70
		1	74	23.23	23.21	23.17	24.70
		36	0	22.40	22.41	22.34	23.70
		36	18	22.10	22.17	22.12	23.70
		36	39	22.44	22.36	22.45	23.70
		75	0	22.45	22.42	22.33	23.70
	16QAM	1	0	22.38	22.33	22.40	23.70
		1	38	22.63	22.53	22.61	23.70
		1	74	22.41	22.37	22.30	23.70
		36	0	21.37	21.42	21.35	22.70
		36	18	21.29	21.21	21.29	22.70
		36	39	21.21	21.26	21.28	22.70
		75	0	21.24	21.28	21.36	22.70
	64QAM	1	0	21.36	21.40	21.48	22.70
		1	38	21.30	21.31	21.23	22.70
		1	74	21.22	21.19	21.16	22.70
		36	0	20.39	20.30	20.28	21.70
		36	18	20.47	20.45	20.43	21.70
		36	39	20.29	20.25	20.34	21.70
		75	0	20.46	20.39	20.32	21.70
	256QAM	1	0	18.47	18.41	18.31	19.70
		1	38	18.50	18.41	18.49	19.70
		1	74	18.31	18.39	18.39	19.70
		36	0	18.32	18.37	18.43	19.70
		36	18	18.61	18.60	18.57	19.70
		36	39	18.15	18.19	18.27	19.70
		75	0	18.34	18.42	18.45	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	/	20175	/	24.70
		1	50	/	23.33	/	24.70
		1	99	/	23.24	/	24.70
		50	0	/	22.36	/	23.70
		50	25	/	22.24	/	23.70
		50	50	/	22.36	/	23.70
		100	0	/	22.41	/	23.70
	16QAM	1	0	/	22.26	/	23.70
		1	50	/	22.44	/	23.70
		1	99	/	22.30	/	23.70
		50	0	/	21.43	/	22.70
		50	25	/	21.29	/	22.70
		50	50	/	21.35	/	22.70
		100	0	/	21.24	/	22.70
	64QAM	1	0	/	21.41	/	22.70
		1	50	/	21.22	/	22.70
		1	99	/	21.15	/	22.70
		50	0	/	20.36	/	21.70
		50	25	/	20.42	/	21.70
		50	50	/	20.29	/	21.70



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		100	0	/	20.47	/	21.70
	256QAM	1	0	/	18.32	/	19.70
		1	50	/	18.40	/	19.70
		1	99	/	18.40	/	19.70
		50	0	/	18.35	/	19.70
		50	25	/	18.51	/	19.70
		50	50	/	18.29	/	19.70
		100	0	/	18.38	/	19.70

LTE Band 4 DSI1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	19957	20175	20393	20.00
		1	2	18.69	18.61	18.71	20.00
		1	5	18.61	18.78	18.68	20.00
		3	0	18.61	18.73	18.66	20.00
		3	2	18.62	18.66	18.72	20.00
		3	3	18.65	18.71	18.72	20.00
		6	0	18.69	18.63	18.70	20.00
	16QAM	1	0	18.79	18.71	18.79	20.00
		1	2	18.74	18.67	18.79	20.00
		1	5	18.63	18.75	18.76	20.00
		3	0	18.69	18.66	18.61	20.00
		3	2	18.67	18.75	18.67	20.00
		3	3	18.68	18.76	18.66	20.00
		6	0	18.71	18.77	18.63	20.00
	64QAM	1	0	18.62	18.78	18.62	20.00
		1	2	18.63	18.79	18.79	20.00
		1	5	18.64	18.70	18.69	20.00
		3	0	18.77	18.76	18.77	20.00
		3	2	18.62	18.70	18.75	20.00
		3	3	18.77	18.68	18.76	20.00
		6	0	18.72	18.77	18.72	20.00
	256QAM	1	0	18.66	18.69	18.78	20.00
		1	2	18.65	18.72	18.68	19.70
		1	5	18.47	18.36	18.48	19.70
		3	0	18.36	18.34	18.34	19.70
		3	2	18.41	18.37	18.39	19.70
		3	3	18.44	18.50	18.46	19.70
		6	0	18.31	18.29	18.34	19.70
3MHz	QPSK	1	0	18.30	18.43	18.46	19.70
		1	7	18.78	18.68	18.63	20.00
		1	14	18.74	18.76	18.74	20.00
		8	0	18.75	18.63	18.78	20.00
		8	4	18.76	18.76	18.78	20.00
		8	7	18.79	18.72	18.64	20.00
		15	0	18.61	18.78	18.73	20.00
	16QAM	1	0	18.75	18.67	18.69	20.00
		1	7	18.79	18.68	18.68	20.00
		1	14	18.79	18.77	18.66	20.00
		8	0	18.79	18.75	18.78	20.00
		8	4	18.72	18.67	18.74	20.00
		8	7	18.79	18.70	18.75	20.00
		15	0	18.70	18.73	18.63	20.00
	64QAM	1	0	18.62	18.69	18.63	20.00
		1	7	18.72	18.78	18.77	20.00
		1	14	18.76	18.79	18.73	20.00



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	256QAM	8	0	18.73	18.61	18.78	20.00
		8	4	18.66	18.75	18.64	20.00
		8	7	18.77	18.66	18.67	20.00
		15	0	18.68	18.70	18.72	20.00
		1	0	18.70	18.75	18.77	19.70
		1	7	18.36	18.39	18.49	19.70
		1	14	18.31	18.48	18.37	19.70
		8	0	18.33	18.31	18.38	19.70
		8	4	18.44	18.54	18.44	19.70
		8	7	18.28	18.38	18.24	19.70
		15	0	18.44	18.39	18.47	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.76	18.79	18.72	20.00
		1	13	18.72	18.63	18.78	20.00
		1	24	18.76	18.73	18.76	20.00
		12	0	18.64	18.69	18.70	20.00
		12	6	18.63	18.75	18.71	20.00
		12	13	18.78	18.66	18.79	20.00
		25	0	18.67	18.75	18.74	20.00
	16QAM	1	0	18.66	18.74	18.73	20.00
		1	13	18.63	18.65	18.73	20.00
		1	24	18.78	18.79	18.62	20.00
		12	0	18.74	18.77	18.65	20.00
		12	6	18.66	18.72	18.75	20.00
		12	13	18.73	18.61	18.61	20.00
		25	0	18.75	18.76	18.74	20.00
	64QAM	1	0	18.69	18.72	18.70	20.00
		1	13	18.61	18.70	18.70	20.00
		1	24	18.72	18.68	18.70	20.00
		12	0	18.61	18.66	18.63	20.00
		12	6	18.73	18.65	18.74	20.00
		12	13	18.72	18.72	18.77	20.00
		25	0	18.61	18.62	18.66	20.00
	256QAM	1	0	18.76	18.79	18.73	19.70
		1	13	18.33	18.33	18.37	19.70
		1	24	18.48	18.37	18.41	19.70
		12	0	18.38	18.26	18.30	19.70
		12	6	18.58	18.60	18.47	19.70
		12	13	18.29	18.38	18.27	19.70
		25	0	18.31	18.35	18.35	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.70	18.71	18.62	20.00
		1	25	18.69	18.70	18.75	20.00
		1	49	18.70	18.70	18.61	20.00
		25	0	18.67	18.78	18.77	20.00
		25	13	18.69	18.62	18.65	20.00
		25	25	18.78	18.78	18.66	20.00
		50	0	18.70	18.68	18.71	20.00
	16QAM	1	0	18.77	18.69	18.76	20.00
		1	25	18.74	18.64	18.64	20.00
		1	49	18.65	18.72	18.72	20.00
		25	0	18.77	18.63	18.62	20.00
		25	13	18.70	18.79	18.70	20.00
		25	25	18.67	18.66	18.75	20.00
		50	0	18.68	18.72	18.64	20.00
	64QAM	1	0	18.69	18.79	18.77	20.00
		1	25	18.74	18.66	18.65	20.00
		1	49	18.70	18.69	18.68	20.00
		25	0	18.68	18.77	18.79	20.00
		25	0	18.68	18.77	18.79	20.00



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	256QAM	25	13	18.64	18.78	18.69	20.00
		25	25	18.67	18.76	18.77	20.00
		50	0	18.79	18.79	18.70	20.00
		1	0	18.75	18.61	18.63	19.70
		1	25	18.35	18.44	18.43	19.70
		1	49	18.49	18.31	18.42	19.70
		25	0	18.43	18.37	18.30	19.70
		25	13	18.49	18.59	18.48	19.70
		25	25	18.32	18.31	18.36	19.70
		50	0	18.36	18.29	18.47	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.61	18.63	18.72	20.00
		1	38	18.72	18.73	18.74	20.00
		1	74	18.64	18.79	18.63	20.00
		36	0	18.76	18.77	18.74	20.00
		36	18	18.71	18.78	18.68	20.00
		36	39	18.71	18.70	18.64	20.00
		75	0	18.70	18.75	18.63	20.00
	16QAM	1	0	18.67	18.68	18.76	20.00
		1	38	18.64	18.69	18.69	20.00
		1	74	18.77	18.63	18.65	20.00
		36	0	18.69	18.65	18.76	20.00
		36	18	18.66	18.69	18.65	20.00
		36	39	18.78	18.76	18.61	20.00
		75	0	18.69	18.69	18.66	20.00
	64QAM	1	0	18.62	18.77	18.63	20.00
		1	38	18.63	18.67	18.70	20.00
		1	74	18.75	18.71	18.62	20.00
		36	0	18.67	18.64	18.66	20.00
		36	18	18.67	18.64	18.79	20.00
		36	39	18.70	18.63	18.79	20.00
	256QAM	75	0	18.79	18.72	18.73	20.00
		1	0	18.63	18.71	18.63	19.70
		1	38	18.38	18.49	18.41	19.70
		1	74	18.45	18.41	18.37	19.70
		36	0	18.44	18.29	18.42	19.70
		36	18	18.54	18.55	18.57	19.70
		36	39	18.24	18.35	18.23	19.70
		75	0	18.33	18.43	18.37	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	18.62	/	20.00
		1	50	/	18.79	/	20.00
		1	99	/	18.77	/	20.00
		50	0	/	18.78	/	20.00
		50	25	/	18.65	/	20.00
		50	50	/	18.62	/	20.00
	16QAM	100	0	/	18.76	/	20.00
		1	0	/	18.77	/	20.00
		1	50	/	18.76	/	20.00
		1	99	/	18.78	/	20.00
		50	0	/	18.74	/	20.00
		50	25	/	18.61	/	20.00
	64QAM	50	50	/	18.62	/	20.00
		100	0	/	18.74	/	20.00
		1	0	/	18.79	/	20.00
		1	50	/	18.72	/	20.00
		1	99	/	18.66	/	20.00
		50	0	/	18.73	/	20.00
		50	25	/	18.79	/	20.00



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	256QAM	50	50	/	18.64	/	20.00
		100	0	/	18.66	/	20.00
		1	0	/	18.75	/	19.70
		1	50	/	18.32	/	19.70
		1	99	/	18.44	/	19.70
		50	0	/	18.40	/	19.70
		50	25	/	18.52	/	19.70
		50	50	/	18.37	/	19.70
		100	0	/	18.34	/	19.70

LTE Band 4 DS13/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	16.73	16.68	16.75	18.00
		1	2	16.63	16.79	16.75	18.00
		1	5	16.62	16.77	16.67	18.00
		3	0	16.64	16.74	16.78	18.00
		3	2	16.70	16.76	16.75	18.00
		3	3	16.74	16.67	16.77	18.00
	16QAM	6	0	16.80	16.72	16.85	18.00
		1	0	16.76	16.69	16.83	18.00
		1	2	16.71	16.81	16.85	18.00
		1	5	16.76	16.71	16.68	18.00
		3	0	16.75	16.78	16.68	18.00
		3	2	16.71	16.78	16.71	18.00
	64QAM	3	3	16.78	16.78	16.69	18.00
		6	0	16.63	16.83	16.68	18.00
		1	0	16.65	16.80	16.83	18.00
		1	2	16.68	16.72	16.70	18.00
		1	5	16.85	16.79	16.79	18.00
		3	0	16.70	16.71	16.83	18.00
3MHz	QPSK	3	2	16.83	16.73	16.77	18.00
		3	3	16.78	16.81	16.80	18.00
		6	0	16.71	16.77	16.82	18.00
	16QAM	1	0	16.73	16.76	16.69	18.00
		1	2	16.54	16.44	16.52	18.00
		1	5	16.37	16.43	16.36	18.00
	64QAM	3	0	16.48	16.45	16.41	18.00
		3	2	16.51	16.54	16.54	18.00
		3	3	16.36	16.35	16.38	18.00
		6	0	16.38	16.52	16.54	18.00
	QPSK	1	0	16.87	16.72	16.67	18.00
		1	7	16.82	16.81	16.83	18.00
		1	14	16.79	16.70	16.80	18.00
		8	0	16.81	16.84	16.82	18.00
		8	4	16.88	16.77	16.70	18.00
		8	7	16.62	16.87	16.77	18.00
	16QAM	15	0	16.78	16.76	16.75	18.00
		1	0	16.88	16.72	16.77	18.00
		1	7	16.88	16.79	16.67	18.00
		1	14	16.82	16.81	16.86	18.00
		8	0	16.75	16.74	16.79	18.00
		8	4	16.85	16.73	16.78	18.00
	64QAM	8	7	16.73	16.80	16.64	18.00
		15	0	16.65	16.78	16.67	18.00
		1	0	16.74	16.83	16.80	18.00
		1	7	16.84	16.86	16.80	18.00



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		1	14	16.80	16.67	16.80	18.00
		8	0	16.74	16.67	16.81	18.00
		8	4	16.73	16.82	16.66	18.00
		8	7	16.82	16.70	16.70	18.00
		15	0	16.70	16.75	16.75	18.00
	256QAM	1	0	16.79	16.80	16.83	18.00
		1	7	16.42	16.47	16.53	18.00
		1	14	16.34	16.52	16.39	18.00
		8	0	16.37	16.36	16.40	18.00
		8	4	16.53	16.62	16.51	18.00
		8	7	16.33	16.39	16.32	18.00
		15	0	16.47	16.43	16.51	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	16.84	16.83	16.73	18.00
		1	13	16.73	16.65	16.85	18.00
		1	24	16.81	16.81	16.81	18.00
		12	0	16.73	16.72	16.79	18.00
		12	6	16.64	16.83	16.73	18.00
		12	13	16.80	16.71	16.85	18.00
		25	0	16.73	16.78	16.81	18.00
	16QAM	1	0	16.68	16.82	16.77	18.00
		1	13	16.71	16.66	16.77	18.00
		1	24	16.80	16.81	16.65	18.00
		12	0	16.76	16.78	16.74	18.00
		12	6	16.72	16.76	16.84	18.00
		12	13	16.74	16.69	16.67	18.00
		25	0	16.76	16.85	16.81	18.00
	64QAM	1	0	16.75	16.73	16.77	18.00
		1	13	16.64	16.73	16.74	18.00
		1	24	16.81	16.69	16.75	18.00
		12	0	16.63	16.69	16.70	18.00
		12	6	16.75	16.66	16.80	18.00
		12	13	16.76	16.74	16.80	18.00
		25	0	16.70	16.65	16.70	18.00
	256QAM	1	0	16.78	16.83	16.82	18.00
		1	13	16.39	16.35	16.39	18.00
		1	24	16.50	16.38	16.45	18.00
		12	0	16.41	16.31	16.32	18.00
		12	6	16.65	16.69	16.52	18.00
		12	13	16.35	16.46	16.36	18.00
		25	0	16.32	16.36	16.36	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	16.78	16.79	16.67	18.00
		1	25	16.73	16.73	16.80	18.00
		1	49	16.73	16.77	16.62	18.00
		25	0	16.72	16.85	16.83	18.00
		25	13	16.78	16.68	16.71	18.00
		25	25	16.86	16.83	16.67	18.00
		50	0	16.79	16.69	16.72	18.00
	16QAM	1	0	16.81	16.77	16.79	18.00
		1	25	16.76	16.71	16.71	18.00
		1	49	16.68	16.73	16.77	18.00
		25	0	16.81	16.72	16.66	18.00
		25	13	16.75	16.85	16.77	18.00
		25	25	16.68	16.74	16.77	18.00
		50	0	16.70	16.76	16.66	18.00
	64QAM	1	0	16.78	16.82	16.81	18.00
		1	25	16.78	16.75	16.69	18.00
		1	49	16.74	16.71	16.73	18.00



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		25	0	16.71	16.78	16.80	18.00
		25	13	16.65	16.85	16.70	18.00
		25	25	16.71	16.79	16.82	18.00
		50	0	16.87	16.81	16.71	18.00
	256QAM	1	0	16.82	16.69	16.72	18.00
		1	25	16.41	16.50	16.49	18.00
		1	49	16.51	16.34	16.45	18.00
		25	0	16.51	16.40	16.34	18.00
		25	13	16.58	16.61	16.51	18.00
		25	25	16.40	16.35	16.39	18.00
		50	0	16.45	16.30	16.52	18.00
		50	0	16.45	16.30	16.52	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	16.70	16.64	16.79	18.00
		1	38	16.75	16.74	16.77	18.00
		1	74	16.73	16.85	16.70	18.00
		36	0	16.82	16.78	16.79	18.00
		36	18	16.76	16.82	16.75	18.00
		36	39	16.72	16.78	16.71	18.00
		75	0	16.75	16.84	16.68	18.00
		75	0	16.75	16.84	16.68	18.00
	16QAM	1	0	16.73	16.71	16.80	18.00
		1	38	16.68	16.72	16.71	18.00
		1	74	16.85	16.72	16.69	18.00
		36	0	16.77	16.66	16.81	18.00
		36	18	16.73	16.71	16.69	18.00
		36	39	16.83	16.82	16.70	18.00
		75	0	16.70	16.75	16.75	18.00
		75	0	16.70	16.75	16.75	18.00
	64QAM	1	0	16.63	16.78	16.65	18.00
		1	38	16.70	16.73	16.79	18.00
		1	74	16.82	16.76	16.65	18.00
		36	0	16.75	16.65	16.74	18.00
		36	18	16.71	16.66	16.85	18.00
		36	39	16.77	16.71	16.85	18.00
		75	0	16.80	16.74	16.76	18.00
		75	0	16.80	16.74	16.76	18.00
	256QAM	1	0	16.72	16.76	16.69	18.00
		1	38	16.46	16.57	16.48	18.00
		1	74	16.54	16.44	16.43	18.00
		36	0	16.48	16.35	16.44	18.00
		36	18	16.62	16.60	16.59	18.00
		36	39	16.26	16.41	16.28	18.00
		75	0	16.37	16.49	16.42	18.00
		75	0	16.37	16.49	16.42	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	16.62	/	18.00
		1	50	/	16.79	/	18.00
		1	99	/	16.77	/	18.00
		50	0	/	16.78	/	18.00
		50	25	/	16.65	/	18.00
		50	50	/	16.62	/	18.00
		100	0	/	16.76	/	18.00
		100	0	/	16.76	/	18.00
	16QAM	1	0	/	16.77	/	18.00
		1	50	/	16.76	/	18.00
		1	99	/	16.78	/	18.00
		50	0	/	16.74	/	18.00
		50	25	/	16.61	/	18.00
		50	50	/	16.62	/	18.00
		100	0	/	16.74	/	18.00
		100	0	/	16.74	/	18.00
	64QAM	1	0	/	16.79	/	18.00
		1	50	/	16.72	/	18.00
		1	99	/	16.66	/	18.00
		50	0	/	16.73	/	18.00
		50	0	/	16.73	/	18.00
		50	0	/	16.73	/	18.00
		50	0	/	16.73	/	18.00
		50	0	/	16.73	/	18.00



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		50	25	/	16.79	/	18.00
		50	50	/	16.64	/	18.00
		100	0	/	16.66	/	18.00
	256QAM	1	0	/	16.75	/	18.00
		1	50	/	16.32	/	18.00
		1	99	/	16.44	/	18.00
		50	0	/	16.40	/	18.00
		50	25	/	16.52	/	18.00
		50	50	/	16.37	/	18.00
		100	0	/	16.34	/	18.00

LTE Band 66 DSI0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.66	23.35	23.30	24.70
		1	2	23.24	23.55	23.30	24.70
		1	5	23.28	23.15	23.11	24.70
		3	0	23.54	23.39	23.25	24.70
		3	1	23.22	23.27	23.18	24.70
		3	3	23.30	23.28	23.21	24.70
	16QAM	6	0	22.26	22.13	22.28	23.70
		1	0	22.20	22.24	22.23	23.70
		1	2	22.32	22.51	22.34	23.70
		1	5	22.01	22.12	22.30	23.70
		3	0	22.17	22.48	22.59	23.70
		3	1	22.18	22.06	22.23	23.70
	64QAM	3	3	22.28	22.34	22.19	23.70
		6	0	21.34	21.12	21.44	22.70
		1	0	21.48	21.29	21.25	22.70
		1	2	21.20	21.36	21.28	22.70
		1	5	21.00	21.25	21.18	22.70
		3	0	21.21	21.40	21.11	22.70
	256QAM	3	1	21.22	21.25	21.49	22.70
		3	3	21.12	21.24	21.16	22.70
		6	0	20.39	20.46	20.36	21.70
		1	0	18.29	18.44	18.13	19.70
		1	2	18.35	18.13	18.42	19.70
		1	5	18.38	18.49	18.39	19.70
3MHz	QPSK	3	0	18.33	18.02	18.15	19.70
		3	1	18.28	18.59	18.35	19.70
		3	3	18.11	18.38	18.48	19.70
		6	0	18.26	18.51	18.34	19.70
	16QAM	1	0	23.64	23.32	23.39	24.70
		1	7	23.31	23.47	23.24	24.70
		1	14	23.20	23.11	23.21	24.70
		8	0	22.51	22.32	22.34	23.70
		8	4	22.21	22.30	22.28	23.70
		8	7	22.27	22.27	22.31	23.70
	64QAM	15	0	22.33	22.23	22.26	23.70
		1	0	22.30	22.29	22.33	23.70
		1	7	22.31	22.43	22.26	23.70
		1	14	22.10	22.11	22.37	23.70
		8	0	21.14	21.50	21.52	22.70
		8	4	21.03	21.04	21.28	22.70
	256QAM	8	7	21.37	21.43	21.19	22.70
		15	0	21.40	21.08	21.45	22.70
		1	0	21.44	21.28	21.24	22.70



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		1	7	21.16	21.36	21.24	22.70
		1	14	21.08	21.19	21.13	22.70
		8	0	20.30	20.44	20.09	21.70
		8	4	20.23	20.32	20.58	21.70
		8	7	20.19	20.23	20.04	21.70
		15	0	20.38	20.51	20.30	21.70
	256QAM	1	0	18.19	18.51	18.14	19.70
		1	7	18.42	18.18	18.37	19.70
		1	14	18.41	18.52	18.43	19.70
		8	0	18.40	18.11	18.15	19.70
		8	4	18.20	18.63	18.35	19.70
		8	7	18.12	18.34	18.40	19.70
		15	0	18.30	18.53	18.31	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.54	23.33	23.37	24.70
		1	13	23.34	23.37	23.25	24.70
		1	24	23.15	23.21	23.18	24.70
		12	0	22.42	22.35	22.31	23.70
		12	6	22.26	22.24	22.23	23.70
		12	13	22.23	22.26	22.22	23.70
		25	0	22.31	22.30	22.35	23.70
	16QAM	1	0	22.22	22.19	22.25	23.70
		1	13	22.27	22.47	22.34	23.70
		1	24	22.08	22.08	22.34	23.70
		12	0	21.22	21.48	21.56	22.70
		12	6	21.02	21.14	21.28	22.70
		12	13	21.44	21.35	21.28	22.70
		25	0	21.44	21.12	21.36	22.70
	64QAM	1	0	21.53	21.18	21.25	22.70
		1	13	21.20	21.31	21.14	22.70
		1	24	21.01	21.09	21.05	22.70
		12	0	20.38	20.35	20.01	21.70
		12	6	20.26	20.25	20.51	21.70
		12	13	20.19	20.29	20.13	21.70
		25	0	20.48	20.41	20.30	21.70
	256QAM	1	0	18.23	18.43	18.22	19.70
		1	13	18.47	18.24	18.38	19.70
		1	24	18.32	18.48	18.38	19.70
		12	0	18.31	18.01	18.24	19.70
		12	6	18.25	18.56	18.45	19.70
		12	13	18.14	18.24	18.33	19.70
		25	0	18.33	18.56	18.25	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.45	23.28	23.37	24.70
		1	25	23.42	23.32	23.29	24.70
		1	49	23.21	23.21	23.12	24.70
		25	0	22.33	22.43	22.39	23.70
		25	13	22.34	22.29	22.26	23.70
		25	25	22.23	22.26	22.14	23.70
		50	0	22.33	22.37	22.39	23.70
	16QAM	1	0	22.13	22.27	22.28	23.70
		1	25	22.26	22.48	22.43	23.70
		1	49	22.15	22.14	22.24	23.70
		25	0	21.31	21.53	21.49	22.70
		25	13	21.11	21.10	21.29	22.70
		25	25	21.44	21.30	21.33	22.70
		50	0	21.35	21.18	21.26	22.70
	64QAM	1	0	21.49	21.19	21.34	22.70
		1	25	21.22	21.29	21.20	22.70



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		1	49	21.00	21.14	21.08	22.70
		25	0	20.31	20.34	20.11	21.70
		25	13	20.35	20.28	20.48	21.70
		25	25	20.29	20.28	20.10	21.70
		50	0	20.44	20.37	20.33	21.70
		1	0	18.32	18.45	18.28	19.70
		1	25	18.37	18.28	18.40	19.70
		1	49	18.38	18.39	18.35	19.70
		25	0	18.32	18.11	18.21	19.70
		25	13	18.34	18.49	18.43	19.70
	256QAM	25	25	18.24	18.21	18.38	19.70
		50	0	18.37	18.50	18.31	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.36	23.25	23.27	24.70
		1	38	23.34	23.32	23.24	24.70
		1	74	23.12	23.16	23.15	24.70
		36	0	22.32	22.33	22.36	23.70
		36	18	22.29	22.19	22.17	23.70
		36	39	22.21	22.23	22.23	23.70
	16QAM	75	0	22.38	22.27	22.31	23.70
		1	0	22.18	22.27	22.19	23.70
		1	38	22.35	22.43	22.33	23.70
		1	74	22.19	22.20	22.30	23.70
		36	0	21.40	21.44	21.50	22.70
		36	18	21.18	21.19	21.23	22.70
	64QAM	36	39	21.35	21.25	21.36	22.70
		75	0	21.27	21.17	21.18	22.70
		1	0	21.42	21.24	21.39	22.70
		1	38	21.24	21.20	21.26	22.70
		1	74	21.18	21.14	21.02	22.70
		36	0	20.26	20.36	20.20	21.70
	256QAM	36	18	20.34	20.33	20.39	21.70
		36	39	20.24	20.21	20.19	21.70
		75	0	20.46	20.40	20.42	21.70
		1	0	18.24	18.35	18.19	19.70
		1	38	18.35	18.35	18.33	19.70
		1	74	18.37	18.41	18.26	19.70
20MHz	QPSK	36	0	18.34	18.19	18.27	19.70
		36	18	18.41	18.50	18.41	19.70
		36	39	18.19	18.18	18.34	19.70
		75	0	18.40	18.41	18.38	19.70
	16QAM	1	0	23.36	23.35	23.31	24.70
		1	50	23.27	23.25	23.28	24.70
		1	99	23.19	23.15	23.16	24.70
		50	0	22.34	22.27	22.27	23.70
		50	25	22.19	22.19	22.15	23.70
		50	50	22.28	22.29	22.29	23.70
	64QAM	100	0	22.40	22.33	22.33	23.70
		1	0	22.18	22.17	22.21	23.70
		1	50	22.39	22.38	22.40	23.70
		1	99	22.26	22.26	22.28	23.70
		50	0	21.35	21.36	21.40	22.70
		50	25	21.25	21.27	21.25	22.70
		50	50	21.30	21.26	21.34	22.70
		100	0	21.19	21.21	21.20	22.70
		1	0	21.33	21.33	21.35	22.70
		1	50	21.18	21.14	21.18	22.70
		1	99	21.07	21.10	21.11	22.70



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		50	0	20.28	20.30	20.29	21.70
		50	25	20.34	20.37	20.35	21.70
		50	50	20.27	20.22	20.20	21.70
		100	0	20.39	20.46	20.40	21.70
	256QAM	1	0	18.29	18.30	18.26	19.70
		1	50	18.38	18.32	18.39	19.70
		1	99	18.34	18.34	18.35	19.70
		50	0	18.33	18.29	18.29	19.70
		50	25	18.48	18.44	18.43	19.70
		50	50	18.23	18.24	18.26	19.70
		100	0	18.36	18.37	18.34	19.70

LTE Band 66 DSI1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 131979	Channel 132322	Channel 132665	Tune up
1.4MHz	QPSK	1	0	19.14	19.14	19.18	20.50
		1	2	19.07	19.08	19.05	20.50
		1	5	19.07	19.20	19.12	20.50
		3	0	19.10	19.10	19.14	20.50
		3	1	19.17	19.18	19.20	20.50
		3	3	19.13	19.16	19.02	20.50
		6	0	19.12	19.22	19.11	20.50
	16QAM	1	0	19.25	19.22	19.05	20.50
		1	2	19.21	19.14	19.11	20.50
		1	5	19.19	19.19	19.07	20.50
		3	0	19.07	19.08	19.10	20.50
		3	1	19.08	19.24	19.17	20.50
		3	3	19.24	19.18	19.10	20.50
		6	0	19.15	19.08	19.02	20.50
	64QAM	1	0	19.15	19.09	19.06	20.50
		1	2	19.22	19.16	19.06	20.50
		1	5	19.09	19.07	19.03	20.50
		3	0	19.08	19.09	19.15	20.50
		3	1	19.21	19.19	19.03	20.50
		3	3	19.07	19.14	19.05	20.50
		6	0	19.16	19.08	19.07	20.50
	256QAM	1	0	18.27	18.24	18.19	19.70
		1	2	18.43	18.26	18.33	19.70
		1	5	18.25	18.34	18.37	19.70
		3	0	18.40	18.37	18.28	19.70
		3	1	18.56	18.36	18.48	19.70
		3	3	18.31	18.17	18.31	19.70
		6	0	18.43	18.45	18.26	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 131987	Channel 132322	Channel 132657	Tune up
3MHz	QPSK	1	0	19.24	19.12	19.05	20.50
		1	7	19.12	19.24	19.04	20.50
		1	14	19.08	19.17	19.12	20.50
		8	0	19.10	19.24	19.10	20.50
		8	4	19.20	19.20	19.03	20.50
		8	7	19.13	19.11	19.19	20.50
		15	0	19.17	19.09	19.10	20.50
	16QAM	1	0	19.10	19.13	19.04	20.50
		1	7	19.25	19.09	19.04	20.50
		1	14	19.08	19.12	19.20	20.50
		8	0	19.22	19.09	19.08	20.50
		8	4	19.17	19.19	19.02	20.50
		8	7	19.17	19.23	19.04	20.50
		15	0	19.13	19.15	19.19	20.50



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	64QAM	1	0	19.23	19.20	19.05	20.50
		1	7	19.14	19.22	19.03	20.50
		1	14	19.17	19.20	19.20	20.50
		8	0	19.07	19.23	19.10	20.50
		8	4	19.07	19.20	19.13	20.50
		8	7	19.18	19.09	19.12	20.50
	256QAM	15	0	19.15	19.08	19.20	20.50
		1	0	18.37	18.38	18.29	19.70
		1	7	18.45	18.36	18.33	19.70
		1	14	18.36	18.27	18.30	19.70
		8	0	18.36	18.22	18.28	19.70
		8	4	18.51	18.36	18.39	19.70
		8	7	18.25	18.21	18.17	19.70
		15	0	18.31	18.45	18.26	19.70
				Channel 131997	Channel 132322	Channel 132647	Tune up
				131997	132322	132647	Tune up
				131997	132322	132647	Tune up
				131997	132322	132647	Tune up
5MHz	QPSK	1	0	19.08	19.23	19.19	20.50
		1	13	19.08	19.15	19.16	20.50
		1	24	19.11	19.07	19.09	20.50
		12	0	19.12	19.16	19.15	20.50
		12	6	19.09	19.06	19.03	20.50
		12	13	19.10	19.13	19.17	20.50
	16QAM	25	0	19.07	19.23	19.15	20.50
		1	0	19.15	19.18	19.18	20.50
		1	13	19.11	19.22	19.09	20.50
		1	24	19.16	19.15	19.03	20.50
		12	0	19.12	19.06	19.10	20.50
		12	6	19.22	19.17	19.02	20.50
	64QAM	12	13	19.14	19.07	19.08	20.50
		25	0	19.22	19.09	19.04	20.50
		1	0	19.21	19.13	19.10	20.50
		1	13	19.09	19.13	19.05	20.50
		1	24	19.22	19.13	19.12	20.50
		12	0	19.25	19.21	19.19	20.50
	256QAM	12	6	19.08	19.21	19.05	20.50
		12	13	19.12	19.14	19.08	20.50
		25	0	19.24	19.22	19.05	20.50
		1	0	18.36	18.36	18.17	19.70
		1	13	18.33	18.41	18.46	19.70
		1	24	18.27	18.32	18.42	19.70
10MHz	QPSK	12	0	18.42	18.31	18.25	19.70
		12	6	18.41	18.45	18.47	19.70
		12	13	18.29	18.17	18.30	19.70
		25	0	18.36	18.28	18.40	19.70
	16QAM	1	0	19.22	19.22	19.04	20.50
		1	25	19.24	19.19	19.08	20.50
		1	49	19.16	19.17	19.06	20.50
		25	0	19.11	19.06	19.11	20.50
		25	13	19.23	19.21	19.16	20.50
		25	25	19.25	19.22	19.08	20.50
	64QAM	50	0	19.22	19.06	19.02	20.50
		1	0	19.19	19.20	19.06	20.50
		1	25	19.13	19.23	19.17	20.50
		1	49	19.13	19.22	19.02	20.50
		25	0	19.19	19.23	19.04	20.50
		25	13	19.22	19.11	19.12	20.50
		25	25	19.23	19.07	19.08	20.50
		50	0	19.24	19.14	19.09	20.50
		1	0	19.13	19.14	19.06	20.50
				Channel 132022	Channel 132322	Channel 132622	Tune up
				132022	132322	132622	Tune up
				132022	132322	132622	Tune up



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