

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

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		1	50	17.76	17.76	17.78	19.20
		1	99	17.67	17.54	17.63	19.20
		50	0	17.73	17.78	17.75	19.20
		50	25	17.60	17.67	17.63	19.20
		50	50	17.55	17.66	17.86	19.20
		100	0	17.69	17.70	17.75	19.20
	256QAM	1	0	18.09	17.82	17.45	19.20
		1	50	17.77	17.80	17.83	19.20
		1	99	17.68	17.78	17.83	19.20
		50	0	17.77	17.66	17.84	19.20
		50	25	17.71	17.60	17.82	19.20
		50	50	17.62	17.81	17.81	19.20
		100	0	17.71	17.82	17.87	19.20

LTE Band 66 DSI0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	131979	132322	132665	25.70
		1	2	24.52	24.28	24.22	25.70
		1	5	24.15	24.37	24.26	25.70
		3	0	24.10	23.96	23.89	25.70
		3	1	24.04	24.01	23.89	25.70
		3	3	24.15	24.08	23.90	25.70
	16QAM	6	0	23.62	23.53	23.37	24.70
		1	0	23.69	23.57	23.31	24.70
		1	2	23.53	23.68	23.28	24.70
		1	5	23.19	23.65	23.01	24.70
		3	0	23.06	22.99	22.93	24.70
		3	1	23.01	23.01	22.83	24.70
	64QAM	3	3	23.11	22.97	22.93	24.70
		6	0	22.51	22.47	22.37	23.70
		1	0	22.38	22.51	22.39	23.70
		1	2	22.60	22.27	22.33	23.70
		1	5	22.50	22.46	22.45	23.70
		3	0	22.00	21.97	21.96	23.70
	256QAM	3	1	22.11	22.00	21.84	23.70
		3	3	22.10	22.03	21.86	23.70
		6	0	21.59	21.53	21.39	22.70
		1	0	19.66	19.53	19.45	20.70
		1	2	19.65	19.49	19.42	20.70
		1	5	19.56	19.54	19.50	20.70
		3	0	19.47	19.52	19.39	20.70
		3	1	19.52	19.45	19.42	20.70
		3	3	19.43	19.46	19.35	20.70
		6	0	19.50	19.46	19.33	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	131987	132322	132657	25.70
		1	7	24.54	24.34	24.19	25.70
		1	14	24.46	24.27	24.26	25.70
		8	0	24.19	24.30	24.26	25.70
		8	4	23.53	23.52	23.37	24.70
		8	7	23.58	23.48	23.42	24.70
	16QAM	15	0	23.66	23.49	23.41	24.70
		1	0	23.62	23.52	23.33	24.70
		1	7	23.74	23.55	23.34	24.70
		1	14	23.51	23.71	23.29	24.70
		1	14	23.23	23.66	23.02	24.70
		8	0	22.57	22.44	22.39	23.70
		8	4	22.61	22.50	22.41	23.70



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	64QAM	8	7	22.61	22.47	22.47	23.70
		15	0	22.56	22.45	22.37	23.70
		1	0	22.37	22.56	22.46	23.70
		1	7	22.58	22.31	22.34	23.70
		1	14	22.46	22.40	22.40	23.70
		8	0	21.55	21.53	21.41	22.70
		8	4	21.58	21.43	21.36	22.70
		8	7	21.66	21.52	21.42	22.70
		15	0	21.64	21.48	21.41	22.70
	256QAM	1	0	19.66	19.58	19.39	20.70
		1	7	19.61	19.49	19.40	20.70
		1	14	19.59	19.59	19.47	20.70
		8	0	19.53	19.45	19.43	20.70
		8	4	19.60	19.43	19.33	20.70
		8	7	19.40	19.46	19.44	20.70
		15	0	19.52	19.46	19.41	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	24.57	24.32	24.19	25.70
		1	13	24.56	24.25	24.30	25.70
		1	24	24.19	24.30	24.24	25.70
		12	0	23.53	23.54	23.43	24.70
		12	6	23.63	23.49	23.35	24.70
		12	13	23.59	23.57	23.41	24.70
		25	0	23.56	23.56	23.35	24.70
	16QAM	1	0	23.74	23.55	23.33	24.70
		1	13	23.55	23.76	23.25	24.70
		1	24	23.24	23.59	23.07	24.70
		12	0	22.56	22.49	22.34	23.70
		12	6	22.57	22.46	22.40	23.70
		12	13	22.66	22.48	22.42	23.70
		25	0	22.58	22.52	22.39	23.70
	64QAM	1	0	22.44	22.59	22.41	23.70
		1	13	22.55	22.29	22.36	23.70
		1	24	22.51	22.43	22.43	23.70
		12	0	21.57	21.52	21.43	22.70
		12	6	21.58	21.49	21.37	22.70
		12	13	21.61	21.54	21.33	22.70
		25	0	21.63	21.52	21.43	22.70
	256QAM	1	0	19.63	19.49	19.39	20.70
		1	13	19.61	19.50	19.42	20.70
		1	24	19.65	19.53	19.52	20.70
		12	0	19.47	19.49	19.44	20.70
		12	6	19.60	19.45	19.41	20.70
		12	13	19.49	19.51	19.40	20.70
		25	0	19.51	19.48	19.40	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	24.58	24.29	24.14	25.70
		1	25	24.52	24.30	24.32	25.70
		1	49	24.19	24.31	24.23	25.70
		25	0	23.54	23.49	23.47	24.70
		25	13	23.60	23.52	23.35	24.70
		25	25	23.64	23.54	23.45	24.70
		50	0	23.58	23.51	23.41	24.70
	16QAM	1	0	23.66	23.53	23.35	24.70
		1	25	23.50	23.68	23.30	24.70
		1	49	23.18	23.57	23.03	24.70
		25	0	22.57	22.47	22.34	23.70
		25	13	22.51	22.50	22.40	23.70
		25	25	22.56	22.50	22.40	23.70



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	64QAM	50	0	22.54	22.47	22.38	23.70
		1	0	22.38	22.60	22.40	23.70
		1	25	22.53	22.26	22.33	23.70
		1	49	22.53	22.42	22.46	23.70
		25	0	21.52	21.48	21.45	22.70
		25	13	21.59	21.45	21.41	22.70
		25	25	21.63	21.54	21.35	22.70
	256QAM	50	0	21.64	21.53	21.36	22.70
		1	0	19.69	19.50	19.45	20.70
		1	25	19.62	19.49	19.33	20.70
		1	49	19.59	19.57	19.50	20.70
		25	0	19.47	19.45	19.41	20.70
		25	13	19.59	19.50	19.42	20.70
		25	25	19.47	19.50	19.45	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	24.54	24.31	24.23	25.70
		1	38	24.52	24.28	24.29	25.70
		1	74	24.15	24.35	24.25	25.70
		36	0	23.59	23.51	23.37	24.70
		36	18	23.61	23.55	23.39	24.70
		36	39	23.58	23.59	23.46	24.70
		75	0	23.59	23.48	23.35	24.70
	16QAM	1	0	23.70	23.58	23.28	24.70
		1	38	23.49	23.68	23.32	24.70
		1	74	23.21	23.59	23.01	24.70
		36	0	22.58	22.41	22.39	23.70
		36	18	22.58	22.46	22.39	23.70
		36	39	22.56	22.54	22.44	23.70
		75	0	22.57	22.46	22.35	23.70
	64QAM	1	0	22.37	22.59	22.37	23.70
		1	38	22.63	22.32	22.28	23.70
		1	74	22.55	22.45	22.49	23.70
		36	0	21.52	21.48	21.37	22.70
		36	18	21.55	21.42	21.35	22.70
		36	39	21.60	21.53	21.35	22.70
		75	0	21.58	21.47	21.36	22.70
	256QAM	1	0	19.61	19.48	19.46	20.70
		1	38	19.56	19.54	19.41	20.70
		1	74	19.61	19.57	19.51	20.70
		36	0	19.55	19.48	19.44	20.70
		36	18	19.61	19.51	19.40	20.70
		36	39	19.48	19.55	19.44	20.70
		75	0	19.44	19.48	19.39	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	24.53	24.30	24.19	25.70
		1	50	24.51	24.27	24.30	25.70
		1	99	24.17	24.35	24.26	25.70
		50	0	23.56	23.49	23.42	24.70
		50	25	23.58	23.53	23.38	24.70
		50	50	23.63	23.54	23.43	24.70
		100	0	23.58	23.51	23.36	24.70
	16QAM	1	0	23.69	23.53	23.31	24.70
		1	50	23.50	23.73	23.28	24.70
		1	99	23.21	23.61	23.06	24.70
		50	0	22.54	22.45	22.38	23.70
		50	25	22.56	22.51	22.37	23.70
		50	50	22.61	22.50	22.42	23.70
		100	0	22.55	22.50	22.39	23.70



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	64QAM	1	0	22.41	22.55	22.41	23.70
		1	50	22.58	22.28	22.32	23.70
		1	99	22.50	22.43	22.45	23.70
		50	0	21.54	21.52	21.41	22.70
		50	25	21.56	21.47	21.37	22.70
		50	50	21.61	21.55	21.38	22.70
		100	0	21.59	21.51	21.41	22.70
	256QAM	1	0	19.66	19.53	19.41	20.70
		1	50	19.61	19.49	19.37	20.70
		1	99	19.60	19.57	19.48	20.70
		50	0	19.52	19.49	19.40	20.70
		50	25	19.56	19.47	19.38	20.70
		50	50	19.45	19.50	19.40	20.70
		100	0	19.47	19.49	19.36	20.70

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	19.85	19.83	19.63	21.20
		1	2	19.92	19.85	19.67	21.20
		1	5	19.71	19.74	19.80	21.20
		3	0	19.83	19.82	19.79	21.20
		3	1	19.79	19.85	19.76	21.20
		3	3	19.76	19.76	19.79	21.20
	16QAM	6	0	19.84	19.73	19.74	21.20
		1	0	20.04	19.83	19.85	21.20
		1	2	19.96	19.65	19.77	21.20
		1	5	19.94	19.97	19.81	21.20
		3	0	19.98	19.86	19.79	21.20
		3	1	19.94	19.71	19.77	21.20
	64QAM	3	3	19.90	19.91	19.76	21.20
		6	0	19.97	19.84	19.75	21.20
		1	0	19.95	19.89	19.77	21.20
		1	2	19.85	19.91	19.90	21.20
		1	5	19.47	19.88	19.86	21.20
		3	0	19.95	19.79	19.52	21.20
	256QAM	3	1	19.95	19.80	19.77	21.20
		3	3	20.03	19.78	19.72	21.20
		6	0	19.87	19.86	19.80	21.20
		1	0	19.44	19.35	19.07	20.70
		1	2	19.43	19.39	19.35	20.70
		1	5	19.49	19.14	19.34	20.70
3MHz	QPSK	3	0	19.48	19.38	19.27	20.70
		3	1	19.44	19.38	19.35	20.70
		3	3	19.50	19.39	19.28	20.70
		6	0	19.49	19.38	19.30	20.70
	16QAM	1	0	19.83	19.85	19.61	21.20
		1	7	19.90	19.81	19.69	21.20
		1	14	19.72	19.76	19.76	21.20
		8	0	19.88	19.79	19.75	21.20
		8	4	19.78	19.86	19.74	21.20
		8	7	19.81	19.71	19.83	21.20
		15	0	19.85	19.74	19.72	21.20
		1	0	20.09	19.86	19.90	21.20
		1	7	20.04	19.68	19.74	21.20
		1	14	20.00	19.95	19.83	21.20
		8	0	19.94	19.87	19.84	21.20



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		8	4	19.91	19.76	19.81	21.20
		8	7	19.84	19.95	19.83	21.20
		15	0	19.91	19.91	19.72	21.20
	64QAM	1	0	19.91	19.88	19.78	21.20
		1	7	19.83	19.92	19.90	21.20
		1	14	19.54	19.83	19.90	21.20
		8	0	19.96	19.83	19.58	21.20
		8	4	19.97	19.86	19.78	21.20
		8	7	19.99	19.82	19.78	21.20
		15	0	19.94	19.81	19.86	21.20
	256QAM	1	0	19.44	19.35	19.07	20.70
		1	7	19.37	19.40	19.37	20.70
		1	14	19.45	19.22	19.40	20.70
		8	0	19.43	19.38	19.34	20.70
		8	4	19.41	19.41	19.32	20.70
		8	7	19.44	19.41	19.28	20.70
		15	0	19.48	19.45	19.26	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.84	19.90	19.65	21.20
		1	13	19.88	19.89	19.72	21.20
		1	24	19.75	19.73	19.80	21.20
		12	0	19.81	19.80	19.75	21.20
		12	6	19.81	19.91	19.79	21.20
		12	13	19.78	19.73	19.81	21.20
		25	0	19.81	19.73	19.76	21.20
	16QAM	1	0	20.07	19.87	19.90	21.20
		1	13	19.96	19.69	19.78	21.20
		1	24	19.93	19.98	19.80	21.20
		12	0	19.99	19.85	19.83	21.20
		12	6	19.91	19.74	19.75	21.20
		12	13	19.88	19.97	19.80	21.20
		25	0	19.94	19.84	19.74	21.20
	64QAM	1	0	19.90	19.89	19.77	21.20
		1	13	19.83	19.87	19.87	21.20
		1	24	19.50	19.82	19.88	21.20
		12	0	19.95	19.77	19.54	21.20
		12	6	19.98	19.88	19.76	21.20
		12	13	19.96	19.82	19.73	21.20
		25	0	19.89	19.87	19.86	21.20
	256QAM	1	0	19.45	19.41	19.05	20.70
		1	13	19.40	19.38	19.33	20.70
		1	24	19.50	19.16	19.39	20.70
		12	0	19.42	19.36	19.26	20.70
		12	6	19.42	19.34	19.30	20.70
		12	13	19.50	19.43	19.33	20.70
		25	0	19.42	19.38	19.33	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.81	19.89	19.60	21.20
		1	25	19.84	19.81	19.70	21.20
		1	49	19.70	19.81	19.74	21.20
		25	0	19.84	19.80	19.81	21.20
		25	13	19.86	19.85	19.73	21.20
		25	25	19.78	19.75	19.79	21.20
		50	0	19.80	19.77	19.74	21.20
	16QAM	1	0	20.09	19.87	19.89	21.20
		1	25	20.03	19.70	19.79	21.20
		1	49	19.94	19.95	19.80	21.20
		25	0	19.99	19.82	19.79	21.20
		25	13	19.89	19.78	19.79	21.20



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	64QAM	25	25	19.84	19.93	19.83	21.20
		50	0	19.98	19.84	19.72	21.20
		1	0	19.98	19.82	19.75	21.20
		1	25	19.83	19.88	19.89	21.20
		1	49	19.49	19.82	19.84	21.20
		25	0	19.92	19.78	19.59	21.20
		25	13	19.98	19.88	19.73	21.20
		25	25	20.04	19.78	19.75	21.20
		50	0	19.91	19.88	19.81	21.20
	256QAM	1	0	19.39	19.39	19.10	20.70
		1	25	19.36	19.37	19.40	20.70
		1	49	19.47	19.19	19.40	20.70
		25	0	19.40	19.37	19.31	20.70
		25	13	19.41	19.41	19.35	20.70
		25	25	19.44	19.40	19.30	20.70
		50	0	19.47	19.37	19.33	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	19.80	19.83	19.62	21.20
		1	38	19.92	19.87	19.70	21.20
		1	74	19.76	19.76	19.79	21.20
		36	0	19.89	19.84	19.81	21.20
		36	18	19.83	19.90	19.76	21.20
		36	39	19.82	19.74	19.78	21.20
		75	0	19.84	19.72	19.78	21.20
	16QAM	1	0	20.09	19.90	19.86	21.20
		1	38	20.03	19.67	19.78	21.20
		1	74	20.00	20.01	19.79	21.20
		36	0	19.94	19.80	19.86	21.20
		36	18	19.88	19.73	19.76	21.20
		36	39	19.91	19.95	19.77	21.20
		75	0	19.95	19.90	19.75	21.20
	64QAM	1	0	19.90	19.82	19.71	21.20
		1	38	19.86	19.87	19.86	21.20
		1	74	19.46	19.87	19.86	21.20
		36	0	19.96	19.84	19.59	21.20
		36	18	19.94	19.88	19.73	21.20
		36	39	19.99	19.78	19.71	21.20
		75	0	19.89	19.86	19.86	21.20
	256QAM	1	0	19.46	19.33	19.04	20.70
		1	38	19.39	19.41	19.38	20.70
		1	74	19.45	19.18	19.35	20.70
		36	0	19.45	19.34	19.27	20.70
		36	18	19.38	19.38	19.30	20.70
		36	39	19.47	19.43	19.29	20.70
		75	0	19.46	19.38	19.32	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	19.76	19.82	19.58	21.20
		1	50	19.83	19.80	19.65	21.20
		1	99	19.69	19.72	19.71	21.20
		50	0	19.80	19.75	19.73	21.20
		50	25	19.77	19.83	19.71	21.20
		50	50	19.73	19.69	19.75	21.20
		100	0	19.77	19.68	19.71	21.20
	16QAM	1	0	20.01	19.82	19.82	21.20
		1	50	19.95	19.63	19.70	21.20
		1	99	19.91	19.92	19.78	21.20
		50	0	19.90	19.79	19.78	21.20
		50	25	19.87	19.69	19.72	21.20
		50	50	19.83	19.89	19.75	21.20



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		100	0	19.90	19.82	19.71	21.20
	64QAM	1	0	19.89	19.81	19.69	21.20
		1	50	19.82	19.84	19.81	21.20
		1	99	19.45	19.79	19.81	21.20
		50	0	19.91	19.75	19.51	21.20
		50	25	19.92	19.79	19.69	21.20
		50	50	19.95	19.75	19.70	21.20
		100	0	19.86	19.79	19.77	21.20
	256QAM	1	0	19.38	19.32	19.03	20.70
		1	50	19.34	19.34	19.32	20.70
		1	99	19.43	19.13	19.33	20.70
		50	0	19.39	19.33	19.25	20.70
		50	25	19.37	19.33	19.26	20.70
		50	50	19.43	19.36	19.25	20.70
		100	0	19.41	19.36	19.25	20.70

LTE Band 66 DS13/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	18.56	18.64	18.42	19.70
		1	2	18.71	18.56	18.52	19.70
		1	5	18.52	18.63	18.62	19.70
		3	0	18.54	18.60	18.64	19.70
		3	1	18.52	18.59	18.46	19.70
		3	3	18.53	18.66	18.65	19.70
	16QAM	6	0	18.56	18.53	18.56	19.70
		1	0	18.86	18.72	18.59	19.70
		1	2	18.83	18.35	18.63	19.70
		1	5	18.76	18.83	18.66	19.70
		3	0	18.79	18.69	18.64	19.70
		3	1	18.80	18.45	18.57	19.70
	64QAM	3	3	18.61	18.81	18.51	19.70
		6	0	18.74	18.69	18.64	19.70
		1	0	18.81	18.70	18.62	19.70
		1	2	18.75	18.73	18.76	19.70
		1	5	18.20	18.61	18.65	19.70
		3	0	18.85	18.66	18.28	19.70
	256QAM	3	1	18.79	18.59	18.51	19.70
		3	3	18.90	18.68	18.54	19.70
		6	0	18.75	18.66	18.70	19.70
		1	0	18.72	18.69	18.38	19.70
		1	2	18.68	18.74	18.57	19.70
		1	5	18.70	18.53	18.69	19.70
3MHz	QPSK	3	0	18.76	18.60	18.59	19.70
		3	1	18.77	18.78	18.57	19.70
		3	3	18.85	18.67	18.63	19.70
		6	0	18.75	18.71	18.65	19.70
	16QAM	1	0	18.57	18.67	18.51	19.70
		1	7	18.80	18.69	18.39	19.70
		1	14	18.53	18.53	18.57	19.70
		8	0	18.71	18.68	18.60	19.70
		8	4	18.61	18.73	18.53	19.70
		8	7	18.66	18.58	18.58	19.70
	QPSK	15	0	18.62	18.54	18.44	19.70
		1	0	18.97	18.76	18.69	19.70
		1	7	18.85	18.47	18.63	19.70
		1	14	18.79	18.80	18.66	19.70



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		8	0	18.69	18.71	18.58	19.70
		8	4	18.77	18.57	18.54	19.70
		8	7	18.66	18.65	18.54	19.70
		15	0	18.76	18.73	18.55	19.70
	64QAM	1	0	18.63	18.68	18.50	19.70
		1	7	18.72	18.72	18.70	19.70
		1	14	18.34	18.59	18.74	19.70
		8	0	18.78	18.58	18.31	19.70
		8	4	18.87	18.69	18.55	19.70
		8	7	18.83	18.52	18.50	19.70
		15	0	18.78	18.67	18.64	19.70
	256QAM	1	0	18.65	18.56	18.43	19.70
		1	7	18.69	18.78	18.58	19.70
		1	14	18.70	18.51	18.65	19.70
		8	0	18.72	18.78	18.69	19.70
		8	4	18.73	18.65	18.53	19.70
		8	7	18.81	18.80	18.53	19.70
		15	0	18.80	18.78	18.60	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	18.55	18.69	18.49	19.70
		1	13	18.65	18.66	18.50	19.70
		1	24	18.49	18.46	18.60	19.70
		12	0	18.51	18.64	18.61	19.70
		12	6	18.61	18.77	18.68	19.70
		12	13	18.52	18.49	18.55	19.70
		25	0	18.54	18.51	18.50	19.70
	16QAM	1	0	18.96	18.68	18.62	19.70
		1	13	18.73	18.44	18.54	19.70
		1	24	18.63	18.73	18.65	19.70
		12	0	18.85	18.55	18.68	19.70
		12	6	18.76	18.54	18.47	19.70
		12	13	18.60	18.84	18.59	19.70
		25	0	18.82	18.62	18.55	19.70
	64QAM	1	0	18.80	18.72	18.47	19.70
		1	13	18.63	18.75	18.69	19.70
		1	24	18.20	18.67	18.72	19.70
		12	0	18.85	18.48	18.24	19.70
		12	6	18.85	18.77	18.51	19.70
		12	13	18.73	18.65	18.46	19.70
		25	0	18.61	18.70	18.56	19.70
	256QAM	1	0	18.83	18.78	18.25	19.70
		1	13	18.77	18.77	18.64	19.70
		1	24	18.75	18.39	18.69	19.70
		12	0	18.69	18.69	18.49	19.70
		12	6	18.70	18.69	18.60	19.70
		12	13	18.86	18.80	18.53	19.70
		25	0	18.71	18.64	18.60	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	18.61	18.71	18.30	19.70
		1	25	18.60	18.62	18.46	19.70
		1	49	18.54	18.68	18.59	19.70
		25	0	18.55	18.56	18.54	19.70
		25	13	18.63	18.70	18.56	19.70
		25	25	18.66	18.62	18.53	19.70
	16QAM	50	0	18.66	18.49	18.52	19.70
		1	0	18.81	18.74	18.74	19.70
		1	25	18.80	18.60	18.58	19.70
		1	49	18.79	18.85	18.62	19.70
		25	0	18.87	18.63	18.49	19.70



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		25	13	18.76	18.61	18.66	19.70
		25	25	18.59	18.74	18.65	19.70
		50	0	18.76	18.65	18.48	19.70
	64QAM	1	0	18.80	18.62	18.47	19.70
		1	25	18.69	18.68	18.62	19.70
		1	49	18.34	18.61	18.69	19.70
		25	0	18.79	18.54	18.40	19.70
		25	13	18.77	18.58	18.56	19.70
		25	25	18.77	18.48	18.54	19.70
		50	0	18.75	18.58	18.56	19.70
	256QAM	1	0	18.62	18.74	18.48	19.70
		1	25	18.71	18.75	18.74	19.70
		1	49	18.72	18.49	18.77	19.70
		25	0	18.70	18.58	18.70	19.70
		25	13	18.75	18.72	18.56	19.70
		25	25	18.80	18.70	18.69	19.70
		50	0	18.72	18.77	18.56	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	18.50	18.58	18.35	19.70
		1	38	18.77	18.61	18.59	19.70
		1	74	18.66	18.46	18.58	19.70
		36	0	18.73	18.72	18.52	19.70
		36	18	18.61	18.79	18.60	19.70
		36	39	18.61	18.60	18.59	19.70
		75	0	18.65	18.56	18.49	19.70
	16QAM	1	0	18.94	18.62	18.68	19.70
		1	38	18.84	18.55	18.62	19.70
		1	74	18.78	18.87	18.59	19.70
		36	0	18.80	18.63	18.66	19.70
		36	18	18.61	18.46	18.48	19.70
		36	39	18.67	18.78	18.62	19.70
		75	0	18.84	18.78	18.48	19.70
	64QAM	1	0	18.60	18.66	18.43	19.70
		1	38	18.66	18.74	18.67	19.70
		1	74	18.35	18.65	18.67	19.70
		36	0	18.69	18.65	18.41	19.70
		36	18	18.71	18.62	18.61	19.70
		36	39	18.80	18.57	18.58	19.70
		75	0	18.64	18.76	18.72	19.70
	256QAM	1	0	18.74	18.68	18.43	19.70
		1	38	18.71	18.61	18.68	19.70
		1	74	18.67	18.38	18.66	19.70
		36	0	18.82	18.70	18.50	19.70
		36	18	18.73	18.58	18.63	19.70
		36	39	18.68	18.63	18.59	19.70
		75	0	18.67	18.64	18.60	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	18.72	18.71	18.44	19.70
		1	50	18.66	18.68	18.50	19.70
		1	99	18.42	18.57	18.46	19.70
		50	0	18.58	18.52	18.63	19.70
		50	25	18.59	18.64	18.50	19.70
		50	50	18.65	18.42	18.57	19.70
		100	0	18.57	18.42	18.43	19.70
	16QAM	1	0	18.75	18.67	18.63	19.70
		1	50	18.83	18.43	18.49	19.70
		1	99	18.79	18.70	18.50	19.70
		50	0	18.61	18.49	18.59	19.70
		50	25	18.64	18.46	18.44	19.70



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	64QAM	50	50	18.70	18.75	18.62	19.70
		100	0	18.78	18.58	18.50	19.70
		1	0	18.79	18.69	18.40	19.70
		1	50	18.57	18.66	18.52	19.70
		1	99	18.17	18.64	18.67	19.70
		50	0	18.62	18.46	18.33	19.70
		50	25	18.80	18.56	18.44	19.70
		50	50	18.67	18.56	18.59	19.70
		100	0	18.68	18.50	18.54	19.70
	256QAM	1	0	18.67	18.59	18.27	19.70
		1	50	18.73	18.65	18.63	19.70
		1	99	18.64	18.33	18.55	19.70
		50	0	18.76	18.73	18.59	19.70
		50	25	18.67	18.53	18.48	19.70
		50	50	18.77	18.75	18.48	19.70
		100	0	18.64	18.65	18.48	19.70

LTE Band 38 DS10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	24.30	24.36	24.32	25.50
		1	13	24.18	24.15	24.19	25.50
		1	24	24.13	24.14	24.19	25.50
		12	0	23.21	23.24	23.29	24.50
		12	6	23.35	23.34	23.29	24.50
		12	13	23.44	23.41	23.50	24.50
		25	0	23.45	23.35	23.26	24.50
	16QAM	1	0	23.46	23.48	23.40	24.50
		1	13	23.08	23.06	23.14	24.50
		1	24	23.50	23.49	23.41	24.50
		12	0	22.42	22.34	22.36	23.50
		12	6	22.25	22.27	22.27	23.50
		12	13	22.41	22.31	22.21	23.50
		25	0	22.52	22.52	22.56	23.50
	64QAM	1	0	22.29	22.24	22.19	23.50
		1	13	22.59	22.49	22.55	23.50
		1	24	22.44	22.54	22.64	23.50
		12	0	21.20	21.24	21.23	22.50
		12	6	21.32	21.41	21.32	22.50
		12	13	21.54	21.51	21.47	22.50
		25	0	21.22	21.28	21.19	22.50
	256QAM	1	0	19.46	19.50	19.48	20.50
		1	13	19.29	19.27	19.29	20.50
		1	24	19.59	19.53	19.55	20.50
		12	0	19.55	19.48	19.54	20.50
		12	6	19.39	19.34	19.34	20.50
		12	13	19.43	19.44	19.54	20.50
		25	0	19.24	19.25	19.34	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	24.28	24.34	24.29	25.50
		1	25	24.05	24.10	24.01	25.50
		1	49	24.06	24.06	24.16	25.50
		25	0	23.25	23.32	23.37	24.50
		25	13	23.23	23.27	23.23	24.50
		25	25	23.34	23.35	23.35	24.50
		50	0	23.35	23.26	23.30	24.50
	16QAM	1	0	23.42	23.38	23.38	24.50
		1	25	23.22	23.14	23.04	24.50



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		1	49	23.55	23.50	23.55	24.50
		25	0	22.43	22.44	22.38	23.50
		25	13	22.39	22.34	22.44	23.50
		25	25	22.26	22.31	22.29	23.50
		50	0	22.38	22.46	22.44	23.50
	64QAM	1	0	22.12	22.20	22.13	23.50
		1	25	22.38	22.48	22.54	23.50
		1	49	22.59	22.57	22.54	23.50
		25	0	21.35	21.27	21.35	22.50
		25	13	21.36	21.31	21.37	22.50
	256QAM	25	25	21.51	21.49	21.55	22.50
		50	0	21.22	21.27	21.20	22.50
		1	0	19.54	19.47	19.50	20.50
		1	25	19.32	19.30	19.26	20.50
		1	49	19.45	19.47	19.53	20.50
		25	0	19.47	19.40	19.48	20.50
		25	13	19.27	19.30	19.34	20.50
		25	25	19.47	19.40	19.30	20.50
		50	0	19.37	19.35	19.30	20.50
		50	0	19.37	19.35	19.30	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	37825	38000	38175	
		1	0	24.39	24.42	24.40	25.50
		1	38	24.16	24.15	24.20	25.50
		1	74	24.09	24.16	24.17	25.50
		36	0	23.42	23.35	23.45	24.50
		36	18	23.18	23.26	23.20	24.50
	16QAM	36	39	23.46	23.42	23.41	24.50
		75	0	23.31	23.24	23.32	24.50
		1	0	23.46	23.43	23.52	24.50
		1	38	23.28	23.24	23.19	24.50
		1	74	23.50	23.51	23.56	24.50
		36	0	22.51	22.47	22.54	23.50
	64QAM	36	18	22.37	22.28	22.18	23.50
		36	39	22.32	22.30	22.25	23.50
		75	0	22.37	22.44	22.39	23.50
		1	0	22.14	22.12	22.05	23.50
		1	38	22.48	22.48	22.43	23.50
		1	74	22.59	22.49	22.46	23.50
	256QAM	36	0	21.41	21.37	21.43	22.50
		36	18	21.21	21.28	21.27	22.50
		36	39	21.46	21.45	21.46	22.50
		75	0	21.29	21.35	21.28	22.50
		1	0	19.49	19.40	19.45	20.50
		1	38	19.23	19.30	19.21	20.50
		1	74	19.51	19.43	19.50	20.50
		36	0	19.41	19.43	19.50	20.50
		36	18	19.40	19.36	19.46	20.50
		36	39	19.42	19.34	19.40	20.50
		75	0	19.50	19.40	19.34	20.50
		75	0	19.50	19.40	19.34	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	/	38000	/	
		1	50	/	24.32	/	25.50
		1	99	/	24.25	/	25.50
		50	0	/	24.25	/	25.50
		50	25	/	23.35	/	24.50
		50	50	/	23.32	/	24.50
	16QAM	100	0	/	23.32	/	24.50
		1	0	/	23.33	/	24.50
		1	50	/	23.50	/	24.50
		1	99	/	23.27	/	24.50
		1	99	/	23.47	/	24.50



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		50	0	/	22.38	/	23.50
		50	25	/	22.26	/	23.50
		50	50	/	22.35	/	23.50
		100	0	/	22.36	/	23.50
	64QAM	1	0	/	22.06	/	23.50
		1	50	/	22.44	/	23.50
		1	99	/	22.47	/	23.50
		50	0	/	21.40	/	22.50
		50	25	/	21.38	/	22.50
		50	50	/	21.37	/	22.50
		100	0	/	21.33	/	22.50
	256QAM	1	0	/	19.45	/	20.50
		1	50	/	19.40	/	20.50
		1	99	/	19.39	/	20.50
		50	0	/	19.40	/	20.50
		50	25	/	19.37	/	20.50
		50	50	/	19.37	/	20.50
		100	0	/	19.34	/	20.50

LTE Band 38 DS11/3/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.31	20.42	20.26	21.50
		1	13	20.14	20.15	20.24	21.50
		1	24	20.05	20.15	20.24	21.50
		12	0	20.26	20.29	20.33	21.50
		12	6	20.36	20.26	20.23	21.50
		12	13	20.48	20.50	20.51	21.50
		25	0	20.45	20.33	20.30	21.50
	16QAM	1	0	20.52	20.40	20.32	21.50
		1	13	20.11	20.11	20.05	21.50
		1	24	20.48	20.48	20.46	21.50
		12	0	20.36	20.43	20.31	21.50
		12	6	20.32	20.22	20.32	21.50
		12	13	20.39	20.41	20.29	21.50
		25	0	20.48	20.54	20.65	21.50
	64QAM	1	0	20.26	20.29	20.20	21.50
		1	13	20.49	20.55	20.53	21.50
		1	24	20.54	20.61	20.73	21.50
		12	0	20.26	20.22	20.33	21.50
		12	6	20.38	20.47	20.26	21.50
		12	13	20.59	20.54	20.53	21.50
		25	0	20.20	20.25	20.17	21.50
	256QAM	1	0	19.56	19.56	19.47	20.50
		1	13	19.22	19.35	19.38	20.50
		1	24	19.66	19.45	19.65	20.50
		12	0	19.65	19.58	19.64	20.50
		12	6	19.42	19.39	19.31	20.50
		12	13	19.48	19.40	19.52	20.50
		25	0	19.16	19.19	19.38	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20.36	20.28	20.28	21.50
		1	25	20.03	20.15	19.92	21.50
		1	49	19.97	19.97	20.20	21.50
		25	0	20.15	20.34	20.42	21.50
		25	13	20.29	20.36	20.18	21.50
		25	25	20.38	20.28	20.38	21.50
		50	0	20.33	20.21	20.27	21.50



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	16QAM	1	0	20.38	20.42	20.35	21.50
		1	25	20.14	20.11	20.10	21.50
		1	49	20.59	20.60	20.53	21.50
		25	0	20.34	20.48	20.28	21.50
		25	13	20.36	20.32	20.36	21.50
		25	25	20.19	20.34	20.33	21.50
		50	0	20.45	20.49	20.43	21.50
	64QAM	1	0	20.19	20.29	20.16	21.50
		1	25	20.41	20.56	20.61	21.50
		1	49	20.51	20.56	20.47	21.50
		25	0	20.26	20.35	20.27	21.50
		25	13	20.46	20.40	20.45	21.50
		25	25	20.46	20.51	20.58	21.50
		50	0	20.30	20.25	20.26	21.50
	256QAM	1	0	19.58	19.40	19.47	20.50
		1	25	19.41	19.20	19.27	20.50
		1	49	19.42	19.41	19.55	20.50
		25	0	19.42	19.30	19.53	20.50
		25	13	19.36	19.29	19.31	20.50
		25	25	19.51	19.35	19.35	20.50
		50	0	19.43	19.41	19.38	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	20.43	20.50	20.47	21.50
		1	38	20.11	20.20	20.23	21.50
		1	74	20.18	20.13	20.21	21.50
		36	0	20.50	20.27	20.49	21.50
		36	18	20.12	20.29	20.23	21.50
		36	39	20.45	20.48	20.32	21.50
		75	0	20.23	20.34	20.38	21.50
	16QAM	1	0	20.49	20.39	20.56	21.50
		1	38	20.21	20.22	20.15	21.50
		1	74	20.59	20.61	20.51	21.50
		36	0	20.56	20.50	20.51	21.50
		36	18	20.33	20.33	20.15	21.50
		36	39	20.40	20.39	20.27	21.50
		75	0	20.31	20.39	20.33	21.50
	64QAM	1	0	20.15	20.21	20.00	21.50
		1	38	20.45	20.55	20.35	21.50
		1	74	20.55	20.44	20.53	21.50
		36	0	20.44	20.45	20.51	21.50
		36	18	20.21	20.32	20.31	21.50
		36	39	20.40	20.37	20.51	21.50
		75	0	20.32	20.27	20.37	21.50
	256QAM	1	0	19.56	19.34	19.45	20.50
		1	38	19.17	19.36	19.18	20.50
		1	74	19.47	19.45	19.40	20.50
		36	0	19.42	19.43	19.47	20.50
		36	18	19.47	19.42	19.48	20.50
		36	39	19.39	19.25	19.48	20.50
		75	0	19.52	19.38	19.32	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	20.45	/	21.50
		1	50	/	20.15	/	21.50
		1	99	/	20.12	/	21.50
		50	0	/	20.31	/	21.50
		50	25	/	20.34	/	21.50
		50	50	/	20.53	/	21.50
		100	0	/	20.35	/	21.50
	16QAM	1	0	/	20.41	/	21.50



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		1	50	/	20.22	/	21.50
		1	99	/	20.64	/	21.50
		50	0	/	20.49	/	21.50
		50	25	/	20.31	/	21.50
		50	50	/	20.36	/	21.50
		100	0	/	20.37	/	21.50
	64QAM	1	0	/	20.16	/	21.50
		1	50	/	20.60	/	21.50
		1	99	/	20.46	/	21.50
		50	0	/	20.43	/	21.50
		50	25	/	20.27	/	21.50
		50	50	/	20.35	/	21.50
	256QAM	100	0	/	20.28	/	21.50
		1	0	/	19.32	/	20.50
		1	50	/	19.40	/	20.50
		1	99	/	19.48	/	20.50
		50	0	/	19.43	/	20.50
		50	25	/	19.47	/	20.50
		50	50	/	19.24	/	20.50
		100	0	/	19.36	/	20.50

LTE Band 41 2496 - 2690 DSI0				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	24.45	24.47	24.36	24.37	24.5	25.50
		1	13	24.79	24.37	24.22	24.82	24.42	25.50
		1	24	24.9	24.29	24.31	24.85	24.27	25.50
		12	0	23.94	23.62	23.35	24.17	23.49	24.50
		12	6	23.97	23.65	23.35	24.07	23.56	24.50
		12	13	24.07	23.49	23.41	24.05	23.55	24.50
	16QAM	25	0	24.04	23.46	23.33	23.99	23.6	24.50
		1	0	23.78	23.38	23.22	23.9	23.38	24.50
		1	13	23.76	23.25	23.46	23.7	23.35	24.50
		1	24	23.62	23.54	23.44	23.7	23.52	24.50
		12	0	22.9	22.49	22.46	22.66	22.63	23.50
		12	6	22.49	22.54	22.47	22.43	22.63	23.50
	64QAM	12	13	23.07	22.56	22.52	22.94	22.59	23.50
		25	0	23	22.64	22.38	22.88	22.68	23.50
		1	0	22.78	22.77	22.35	22.86	22.81	23.50
		1	13	22.63	22.24	22.21	22.75	22.38	23.50
		1	24	22.65	22.23	22.20	22.67	22.33	23.50
		12	0	22.07	21.55	21.32	22.16	21.59	22.50
	256QAM	12	6	22.05	21.69	21.25	22.02	21.56	22.50
		12	13	22.03	21.63	21.29	22.08	21.53	22.50
		25	0	21.94	21.50	21.36	21.93	21.60	22.50
		1	0	19.75	19.32	19.42	19.86	19.44	20.50
		1	13	19.79	19.49	20.55	19.76	19.31	20.50
		1	24	19.91	19.52	19.24	19.93	19.61	20.50
10MHz	QPSK	12	0	20.06	19.62	19.35	20.09	19.58	20.50
		12	6	20.03	19.55	19.43	19.93	19.63	20.50
		12	13	19.98	19.53	19.39	20.10	19.60	20.50
		25	0	19.96	19.60	19.31	19.86	19.40	20.50
		25	13	24.08	23.57	23.31	23.98	23.55	24.50



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

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	16QAM	25	25	23.99	23.6	23.36	24.11	23.5	24.50
		50	0	24.09	23.62	23.37	23.97	23.53	24.50
		1	0	23.85	23.42	23.2	23.78	23.32	24.50
		1	25	23.81	23.32	23.41	23.76	23.37	24.50
		1	49	23.66	23.62	23.36	23.67	23.56	24.50
		25	0	22.8	22.69	22.4	22.8	22.43	23.50
		25	13	22.47	22.65	22.35	22.31	22.53	23.50
		25	25	22.96	22.69	22.32	22.91	22.56	23.50
		50	0	23	22.6	22.42	23.03	22.71	23.50
	64QAM	1	0	22.79	22.80	22.94	22.93	22.66	23.50
		1	25	22.73	22.66	22.83	22.76	22.39	23.50
		1	49	22.79	22.20	22.39	22.55	22.20	23.50
		25	0	22.11	21.66	21.32	22.14	21.61	22.50
		25	13	21.93	21.54	21.35	22.04	21.52	22.50
		25	25	21.97	21.60	21.44	22.16	21.40	22.50
		50	0	21.99	21.46	21.27	22.01	21.50	22.50
	256QAM	1	0	19.69	19.40	19.39	19.83	19.56	20.50
		1	25	19.83	19.38	19.88	19.80	19.38	20.50
		1	49	19.95	19.55	19.28	19.90	19.47	20.50
		25	0	20.00	19.55	19.38	20.02	19.52	20.50
		25	13	19.95	19.52	19.34	20.00	19.65	20.50
		25	25	19.96	19.55	19.51	19.95	19.71	20.50
		50	0	20.09	19.67	19.34	19.99	19.52	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.43	24.5	24.34	24.43	24.49	25.50
		1	38	24.88	24.42	24.35	24.81	24.55	25.50
		1	74	24.84	24.24	24.27	24.9	24.3	25.50
		36	0	24.01	23.57	23.37	24.12	23.52	24.50
		36	18	23.9	23.5	23.45	23.91	23.65	24.50
		36	39	23.93	23.6	23.43	23.95	23.49	24.50
		75	0	24.05	23.48	23.33	23.98	23.48	24.50
	16QAM	1	0	23.82	23.41	23.32	23.82	23.43	24.50
		1	38	23.85	23.34	23.32	23.81	23.36	24.50
		1	74	23.77	23.5	23.4	23.75	23.61	24.50
		36	0	22.81	22.51	22.34	22.84	22.48	23.50
		36	18	22.48	22.59	22.43	22.39	22.55	23.50
		36	39	22.92	22.52	22.35	23.06	22.57	23.50
		75	0	23.02	22.63	22.47	22.99	22.76	23.50
	64QAM	1	0	22.86	22.83	22.28	22.86	22.79	23.50
		1	38	22.61	22.25	22.30	22.63	22.36	23.50
		1	74	22.66	22.22	22.28	22.55	22.31	23.50
		36	0	22.02	21.50	21.32	22.15	21.62	22.50
		36	18	22.05	21.69	21.34	22.16	21.49	22.50
		36	39	22.10	21.58	21.36	22.14	21.51	22.50
		75	0	21.93	21.51	21.37	22.10	21.49	22.50
	256QAM	1	0	19.82	19.35	19.24	19.85	19.46	20.50
		1	38	19.90	19.47	19.56	19.80	19.24	20.50
		1	74	19.81	19.54	19.28	19.88	19.57	20.50
		36	0	20.14	19.49	19.36	20.11	19.68	20.50
		36	18	19.95	19.50	19.46	20.07	19.62	20.50
		36	39	20.06	19.53	19.47	19.98	19.67	20.50
		75	0	20.07	19.49	19.30	20.00	19.40	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	24.39	24.48	24.33	24.36	24.46	25.50
		1	50	24.89	24.46	24.23	24.89	24.5	25.50
		1	99	24.85	24.34	24.33	24.87	24.34	25.50
		50	0	24.02	23.57	23.38	24.11	23.52	24.50
		50	25	23.98	23.55	23.37	23.97	23.61	24.50
		50	50	23.97	23.57	23.4	24.04	23.55	24.50



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