

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

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	16QAM	100	0	24	23.54	23.38	23.99	23.51	24.50
		1	0	23.85	23.41	23.24	23.83	23.42	24.50
		1	50	23.79	23.35	23.37	23.8	23.34	24.50
		1	99	23.68	23.53	23.42	23.69	23.51	24.50
		50	0	22.81	22.59	22.41	22.75	22.53	23.50
		50	25	22.49	22.57	22.4	22.41	22.54	23.50
	50	50	23.01	22.6	22.42	22.96	22.54	23.50	
	100	0	23.02	22.58	22.42	22.95	22.68	23.50	
	64QAM	1	0	22.85	22.80	22.26	22.84	22.75	23.50
		1	50	22.71	22.26	22.21	22.66	22.29	23.50
		1	99	22.69	22.30	22.30	22.63	22.26	23.50
		50	0	22.03	21.58	21.36	22.11	21.65	22.50
		50	25	22.03	21.59	21.24	22.07	21.54	22.50
		50	50	22.00	21.60	21.36	22.10	21.50	22.50
	256QAM	100	0	22.00	21.56	21.30	22.01	21.53	22.50
		1	0	19.75	19.41	19.33	19.82	19.48	20.50
		1	50	19.82	19.41	20.48	19.85	19.32	20.50
		1	99	19.85	19.49	19.28	19.94	19.55	20.50
50		0	20.06	19.58	19.37	20.05	19.59	20.50	
50		25	20.05	19.60	19.42	20.03	19.70	20.50	
50	50	20.03	19.61	19.43	20.03	19.68	20.50		
100	0	20.00	19.57	19.39	19.94	19.47	20.50		

LTE Band 41 2496 - 2690 DS11/5				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	20.41	20.48	20.38	20.37	20.46	21.50
		1	13	20.77	20.35	20.22	20.82	20.45	21.50
		1	24	20.87	20.33	20.33	20.87	20.3	21.50
		12	0	20.93	20.63	20.32	21.22	20.48	21.50
		12	6	20.95	20.67	20.3	21.11	20.6	21.50
		12	13	21.09	20.45	20.39	21.02	20.56	21.50
	16QAM	25	0	21.09	20.49	20.33	20.99	20.57	21.50
		1	0	20.83	20.34	20.2	20.94	20.35	21.50
		1	13	20.71	20.25	20.51	20.75	20.31	21.50
		1	24	20.63	20.55	20.42	20.75	20.52	21.50
		12	0	20.94	20.45	20.51	20.65	20.65	21.50
		12	6	20.54	20.55	20.47	20.41	20.64	21.50
	64QAM	12	13	21.06	20.51	20.55	20.97	20.57	21.50
		25	0	21	20.63	20.34	20.87	20.66	21.50
		1	0	20.83	20.81	20.37	20.85	20.76	21.50
		1	13	20.62	20.22	20.22	20.79	20.37	21.50
		1	24	20.63	20.27	20.18	20.68	20.29	21.50
		12	0	21.02	20.50	20.29	21.18	20.56	21.50
	256QAM	12	6	21.01	20.74	20.29	21.01	20.52	21.50
		12	13	21.06	20.65	20.29	21.10	20.53	21.50
		25	0	20.98	20.48	20.39	20.98	20.64	21.50
		1	0	19.72	19.35	19.44	19.85	19.41	20.50
		1	13	19.84	19.54	20.51	19.78	19.33	20.50
		1	24	19.88	19.48	19.24	19.96	19.65	20.50
10MHz	QPSK	12	0	20.06	19.67	19.37	20.10	19.53	20.50
		12	6	20.03	19.53	19.40	19.98	19.63	20.50
12		13	20.02	19.58	19.35	20.12	19.65	20.50	
		25	0	20.01	19.61	19.35	19.87	19.42	20.50
		Channel	Channel	Channel	Channel	Channel			
				39700	40160	40620	41080	41540	Tune up
				39700	40160	40620	41080	41540	
	QPSK	1	0	20.35	20.49	20.28	20.38	20.52	21.50
		1	25	20.97	20.39	20.24	20.96	20.45	21.50
		1	49	20.78	20.41	20.33	20.97	20.4	21.50



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		25	0	21	20.55	20.33	21.15	20.42	21.50	
		25	13	21.13	20.57	20.32	20.98	20.57	21.50	
		25	25	21.02	20.55	20.38	21.16	20.5	21.50	
		50	0	21.05	20.67	20.4	20.94	20.53	21.50	
	16QAM	1	0	20.82	20.44	20.17	20.81	20.29	21.50	
		1	25	20.78	20.27	20.46	20.73	20.41	21.50	
		1	49	20.7	20.67	20.37	20.65	20.55	21.50	
		25	0	20.82	20.73	20.38	20.81	20.41	21.50	
		25	13	20.5	20.7	20.39	20.32	20.58	21.50	
		25	25	21.01	20.7	20.27	20.89	20.58	21.50	
		50	0	20.98	20.57	20.37	21.05	20.66	21.50	
		50	0	20.98	20.57	20.37	21.05	20.66	21.50	
	64QAM	1	0	20.78	20.78	20.90	20.92	20.69	21.50	
		1	25	20.77	20.66	20.85	20.72	20.34	21.50	
		1	49	20.77	20.21	20.36	20.51	20.22	21.50	
		25	0	21.14	20.61	20.28	21.14	20.61	21.50	
		25	13	20.92	20.59	20.39	21.05	20.54	21.50	
		25	25	20.97	20.64	20.44	21.15	20.41	21.50	
	256QAM	50	0	20.99	20.43	20.23	21.06	20.52	21.50	
		1	0	19.68	19.44	19.40	19.82	19.53	20.50	
		1	25	19.88	19.36	19.85	19.81	19.41	20.50	
		1	49	19.90	19.53	19.33	19.87	19.47	20.50	
		25	0	20.04	19.59	19.34	20.07	19.52	20.50	
		25	13	19.92	19.50	19.33	20.00	19.61	20.50	
		25	25	19.93	19.50	19.51	19.97	19.72	20.50	
		50	0	20.13	19.72	19.37	19.94	19.56	20.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					39725	40173	40620	41068	41515	
	<b>15MHz</b>	QPSK	1	0	20.42	20.51	20.29	20.48	20.49	21.50
			1	38	20.9	20.45	20.38	20.81	20.55	21.50
			1	74	20.8	20.19	20.28	20.95	20.31	21.50
			36	0	20.96	20.58	20.35	21.1	20.47	21.50
			36	18	20.92	20.48	20.47	20.96	20.61	21.50
			36	39	20.97	20.55	20.47	20.95	20.54	21.50
			75	0	21.08	20.52	20.33	20.99	20.47	21.50
16QAM		1	0	20.82	20.41	20.33	20.85	20.39	21.50	
		1	38	20.88	20.39	20.33	20.79	20.34	21.50	
		1	74	20.82	20.49	20.39	20.7	20.64	21.50	
		36	0	20.77	20.49	20.29	20.83	20.5	21.50	
		36	18	20.45	20.54	20.48	20.36	20.53	21.50	
		36	39	20.93	20.54	20.33	21.04	20.52	21.50	
		75	0	20.98	20.64	20.52	21.04	20.81	21.50	
64QAM		1	0	20.84	20.84	20.27	20.84	20.74	21.50	
		1	38	20.66	20.24	20.25	20.58	20.34	21.50	
		1	74	20.64	20.21	20.31	20.55	20.27	21.50	
		36	0	21.06	20.50	20.31	21.18	20.65	21.50	
		36	18	21.10	20.73	20.35	21.13	20.52	21.50	
		36	39	21.13	20.54	20.40	21.12	20.52	21.50	
		75	0	20.95	20.52	20.38	21.07	20.52	21.50	
256QAM		1	0	19.77	19.34	19.22	19.86	19.45	20.50	
		1	38	19.85	19.43	19.57	19.77	19.28	20.50	
		1	74	19.80	19.57	19.30	19.88	19.59	20.50	
		36	0	20.14	19.49	19.39	20.13	19.67	20.50	
		36	18	19.96	19.48	19.43	20.10	19.62	20.50	
		36	39	20.02	19.52	19.51	19.95	19.67	20.50	
		75	0	20.11	19.50	19.33	19.97	19.36	20.50	
<b>Bandwidth</b>		<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					39750	40185	40620	41055	41490	
<b>20MHz</b>		QPSK	1	0	20.91	20.49	20.3	20.85	20.93	21.50
			1	50	20.9	20.41	20.21	20.86	20.48	21.50
			1	99	20.84	20.36	20.29	20.84	20.38	21.50
			50	0	21.04	20.52	20.34	21.11	20.51	21.50



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Shenzhen Branch

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	16QAM	50	25	21.05	20.59	20.41	21.12	21.13	21.50
		50	50	20.98	20.53	20.4	21.02	20.58	21.50
		100	0	20.97	20.58	20.99	20.98	20.49	21.50
		1	0	20.9	20.46	20.22	20.82	20.38	21.50
		1	50	20.82	20.4	20.34	20.83	20.36	21.50
		1	99	20.64	20.5	20.43	20.72	20.47	21.50
		50	0	20.79	20.54	20.36	20.8	20.53	21.50
		50	25	20.51	20.55	20.36	20.41	20.59	21.50
		50	50	21.06	20.58	20.4	20.91	20.57	21.50
	100	0	21.06	20.63	20.43	20.95	20.63	21.50	
	64QAM	1	0	20.80	20.80	20.31	20.89	20.73	21.50
		1	50	20.67	20.31	20.21	20.67	20.28	21.50
		1	99	20.67	20.34	20.34	20.64	20.26	21.50
		50	0	21.00	20.56	20.34	21.10	20.65	21.50
		50	25	21.08	20.59	20.24	21.04	20.58	21.50
		50	50	21.04	20.65	20.39	21.07	20.48	21.50
	256QAM	100	0	20.99	20.52	20.32	20.99	20.56	21.50
		1	0	19.73	19.41	19.28	19.85	19.52	20.50
		1	50	19.79	19.36	20.46	19.81	19.31	20.50
		1	99	19.86	19.52	19.33	19.93	19.51	20.50
		50	0	20.10	19.63	19.38	20.04	19.54	20.50
		50	25	20.08	19.58	19.45	20.06	19.66	20.50
		50	50	20.02	19.58	19.38	19.99	19.70	20.50
	100	0	20.01	19.58	19.40	19.89	19.52	20.50	

LTE Band 41 2496 - 2690 DSI3/4				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	21.02	20.96	20.95	20.8	21.02	22.00
		1	13	21.29	20.83	20.65	21.34	20.95	22.00
		1	24	21.42	20.73	20.77	21.34	20.78	22.00
		12	0	21.47	21.18	20.85	21.67	21.03	22.00
		12	6	21.53	21.2	20.84	21.53	21.07	22.00
		12	13	21.66	20.94	20.83	21.46	21.04	22.00
	16QAM	25	0	21.54	20.92	20.87	21.44	21.14	22.00
		1	0	21.27	20.81	20.66	21.36	20.9	22.00
		1	13	21.26	20.79	20.92	21.27	20.87	22.00
		1	24	21.12	21.02	20.98	21.17	21.01	22.00
		12	0	21.33	21.03	20.97	21.15	21.12	22.00
		12	6	20.99	20.99	21.03	20.94	21.13	22.00
	64QAM	12	13	21.57	21.14	20.96	21.48	21.14	22.00
		25	0	21.5	21.2	20.92	21.43	21.12	22.00
		1	0	21.24	21.33	20.93	21.37	21.30	22.00
		1	13	21.13	20.81	20.71	21.23	20.98	22.00
		1	24	21.18	20.82	20.65	21.26	20.83	22.00
		12	0	21.59	21.11	20.81	21.62	21.08	22.00
	256QAM	12	6	21.52	21.11	20.76	21.48	21.01	22.00
		12	13	21.51	21.09	20.75	21.58	21.01	22.00
		25	0	21.38	20.98	20.83	21.40	21.09	22.00
		1	0	19.76	19.33	19.37	19.90	19.36	20.50
		1	13	19.78	19.42	20.57	19.82	19.37	20.50
		1	24	19.90	19.44	19.24	19.93	19.68	20.50
	10MHz	QPSK	12	0	20.05	19.65	19.34	20.13	19.56
12			6	20.01	19.55	19.42	19.92	19.60	20.50
12			13	20.00	19.58	19.37	20.01	19.69	20.50
25			0	19.97	19.59	19.33	19.80	19.42	20.50
1			0	20.85	20.89	20.82	20.83	21	22.00



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		1	25	21.45	20.94	20.82	21.48	20.87	22.00		
		1	49	21.31	20.92	20.84	21.39	20.99	22.00		
		25	0	21.53	21.05	20.92	21.53	20.9	22.00		
		25	13	21.51	21.06	20.84	21.51	21.03	22.00		
		25	25	21.42	21.01	20.89	21.71	21.01	22.00		
	16QAM	50	0	21.58	21.03	20.83	21.5	20.95	22.00		
		1	0	21.33	20.91	20.73	21.26	20.79	22.00		
		1	25	21.31	20.76	20.87	21.17	20.81	22.00		
		1	49	21.2	21.09	20.86	21.24	21.04	22.00		
		25	0	21.2	21.13	20.95	21.35	20.86	22.00		
	64QAM	25	13	20.99	21.07	20.89	20.82	21.06	22.00		
		25	25	21.47	21.2	20.92	21.42	21.05	22.00		
		50	0	21.49	21.09	20.87	21.49	21.19	22.00		
		1	0	21.29	21.27	21.45	21.43	21.12	22.00		
		1	25	21.29	21.14	21.30	21.33	20.97	22.00		
	256QAM	1	49	21.30	20.77	20.92	21.06	20.67	22.00		
		25	0	21.71	21.17	20.92	21.63	21.11	22.00		
		25	13	21.45	21.02	20.75	21.57	20.97	22.00		
		25	25	21.49	21.05	20.88	21.60	20.85	22.00		
		50	0	21.48	20.94	20.79	21.51	21.03	22.00		
			1	0	19.70	19.44	19.32	19.87	19.47	20.50	
			1	25	19.75	19.29	19.91	19.85	19.38	20.50	
			1	49	19.87	19.52	19.34	19.88	19.47	20.50	
			25	0	20.00	19.52	19.46	20.06	19.50	20.50	
			25	13	20.02	19.55	19.33	20.01	19.72	20.50	
25			25	19.97	19.58	19.49	19.86	19.70	20.50		
		50	0	20.04	19.65	19.27	20.06	19.46	20.50		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
						39725	40173	40620	41068	41515	
		15MHz	QPSK	1	0	20.95	21.02	20.89	20.86	20.97	22.00
				1	38	21.44	20.92	20.78	21.3	21	22.00
				1	74	21.33	20.8	20.76	21.38	20.79	22.00
36	0			21.48	21	20.88	21.61	21.01	22.00		
36	18			21.4	21.03	20.96	21.44	21.06	22.00		
36	39			21.42	21.11	20.98	21.39	21	22.00		
75	0			21.59	21.04	20.82	21.49	21.02	22.00		
16QAM	1		0	21.39	20.88	20.75	21.34	20.96	22.00		
	1		38	21.41	20.81	20.86	21.36	20.79	22.00		
	1		74	21.22	21.1	20.91	21.21	21.11	22.00		
	36		0	21.36	20.95	20.76	21.34	21.03	22.00		
	36		18	20.94	21.13	20.88	20.86	21.03	22.00		
	36		39	21.44	20.96	20.88	21.54	21.08	22.00		
	75		0	21.49	21.12	21.01	21.5	21.23	22.00		
64QAM	1		0	21.30	21.26	20.83	21.40	21.26	22.00		
	1		38	21.13	20.76	20.80	21.08	20.91	22.00		
	1		74	21.17	20.67	20.69	21.03	20.89	22.00		
	36		0	21.53	20.98	20.76	21.69	21.12	22.00		
	36		18	21.47	21.19	20.79	21.69	20.97	22.00		
	36		39	21.57	21.07	20.89	21.66	21.07	22.00		
	75		0	21.45	21.06	20.88	21.58	21.01	22.00		
256QAM	1		0	19.83	19.36	19.33	19.82	19.47	20.50		
	1		38	19.85	19.41	19.56	19.87	19.22	20.50		
	1		74	19.86	19.54	19.24	19.96	19.61	20.50		
	36		0	20.11	19.49	19.36	20.08	19.68	20.50		
	36	18	19.95	19.48	19.51	20.12	19.66	20.50			
	36	39	20.03	19.58	19.49	19.98	19.69	20.50			
	75	0	20.07	19.55	19.32	19.94	19.43	20.50			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up		
				39750	40185	40620	41055	41490			
20MHz	QPSK	1	0	20.87	20.95	20.78	20.87	21	22.00		
		1	50	21.39	20.96	20.79	21.35	21.4	22.00		



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		1	99	21.31	20.8	20.79	21.32	20.77	22.00
		50	0	21.5	21.12	20.87	21.67	21.68	22.00
		50	25	21.46	21.07	20.96	21.49	21.1	22.00
		50	50	21.54	21.05	20.82	21.63	20.99	22.00
		100	0	21.51	21.11	20.83	21.53	21	22.00
	16QAM	1	0	21.31	20.88	20.81	21.42	20.98	22.00
		1	50	21.26	20.91	20.87	21.34	20.81	22.00
		1	99	21.23	21.09	20.9	21.18	21.06	22.00
		50	0	21.27	21.08	20.84	21.28	21	22.00
		50	25	20.97	21.07	20.88	20.96	21.12	22.00
		50	50	21.56	21.15	20.97	21.43	21.01	22.00
	64QAM	100	0	21.48	21.1	20.91	21.42	21.19	22.00
		1	0	21.33	21.33	20.68	21.31	21.26	22.00
		1	50	21.22	20.80	20.77	21.15	20.82	22.00
		1	99	21.18	20.87	20.74	21.19	20.76	22.00
50		0	21.52	21.08	20.96	21.65	21.07	22.00	
50		25	21.58	21.09	20.78	21.56	20.97	22.00	
256QAM	50	50	21.46	21.11	20.90	21.56	20.91	22.00	
	100	0	21.52	21.06	20.81	21.55	20.96	22.00	
	1	0	19.72	19.49	19.39	19.82	19.43	20.50	
	1	50	19.79	19.46	19.45	19.86	19.37	20.50	
	1	99	19.92	19.45	19.34	19.93	19.49	20.50	
	50	0	20.02	19.57	19.45	20.14	19.64	20.50	
	50	25	20.09	19.51	19.37	20.07	19.71	20.50	
	50	50	20.11	19.67	19.36	20.04	19.69	20.50	
	100	0	20.08	19.59	19.40	19.95	19.48	20.50	



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**1.6 Conducted Power of Legacy (Ant5)**

LTE Band 2 DSI0				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	22.21	22.39	22.43	24.00	
		1	2	22.36	22.50	22.23	24.00	
		1	5	22.27	22.22	22.29	24.00	
		3	0	22.63	22.41	22.07	24.00	
		3	2	22.57	22.22	22.21	24.00	
		3	3	22.52	22.39	22.06	24.00	
	16QAM	6	0	21.56	21.22	21.10	23.00	
		1	0	21.61	21.18	21.25	23.00	
		1	2	21.66	21.56	21.22	23.00	
		1	5	21.73	21.51	21.10	23.00	
		3	0	21.43	21.28	21.32	23.00	
		3	2	21.33	21.41	21.19	23.00	
	64QAM	3	3	21.57	21.67	21.31	23.00	
		6	0	20.72	20.46	20.27	22.00	
		1	0	20.75	20.61	20.40	22.00	
		1	2	20.45	20.13	20.09	22.00	
		1	5	20.68	20.31	20.01	22.00	
		3	0	20.30	20.68	20.53	22.00	
	256QAM	3	2	20.36	20.55	20.47	22.00	
		3	3	20.53	20.41	20.16	22.00	
		6	0	19.45	19.52	19.40	21.00	
		1	0	17.52	17.58	17.59	19.00	
		1	2	17.36	17.45	17.16	19.00	
		1	5	17.77	17.32	17.31	19.00	
3MHz	QPSK	3	0	17.67	17.47	17.30	19.00	
		3	2	17.35	17.30	17.48	19.00	
		3	3	17.46	17.27	17.31	19.00	
		6	0	17.29	17.49	17.26	19.00	
		18615	18900	19185				
		1	0	22.19	22.45	22.34	24.00	
	16QAM	1	7	22.42	22.40	22.18	24.00	
		1	14	22.36	22.06	22.21	24.00	
		8	0	21.58	21.50	21.15	23.00	
		8	4	21.56	21.31	21.17	23.00	
		8	7	21.61	21.31	21.12	23.00	
		15	0	21.60	21.23	21.12	23.00	
		64QAM	1	0	21.56	21.27	21.24	23.00
			1	7	21.66	21.62	21.30	23.00
			1	14	21.70	21.47	21.19	23.00
			8	0	20.49	20.20	20.30	22.00
			8	4	20.40	20.44	20.25	22.00
			8	7	20.47	20.60	20.39	22.00
	256QAM	15	0	20.63	20.39	20.19	22.00	
		1	0	20.74	20.68	20.45	22.00	
		1	7	20.48	20.19	20.18	22.00	
		1	14	20.61	20.29	20.11	22.00	
		8	0	19.39	19.58	19.46	21.00	
		8	4	19.35	19.50	19.40	21.00	
256QAM	8	7	19.44	19.51	19.16	21.00		
	15	0	19.47	19.42	19.38	21.00		
	1	0	17.48	17.49	17.50	19.00		
	1	7	17.39	17.45	17.22	19.00		
	1	14	17.70	17.28	17.34	19.00		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18625	18900	19175		
5MHz	QPSK	8	0	17.59	17.40	17.25	19.00	
		8	4	17.36	17.21	17.40	19.00	
		8	7	17.48	17.32	17.27	19.00	
		15	0	17.28	17.48	17.32	19.00	
		1	0	22.26	22.35	22.28	24.00	
		1	13	22.44	22.35	22.15	24.00	
	16QAM	1	24	22.34	22.15	22.19	24.00	
		12	0	21.63	21.44	21.21	23.00	
		12	6	21.55	21.38	21.13	23.00	
		12	13	21.57	21.40	21.03	23.00	
		25	0	21.63	21.31	21.12	23.00	
		1	0	21.60	21.37	21.23	23.00	
	64QAM	1	13	21.66	21.61	21.34	23.00	
		1	24	21.80	21.42	21.29	23.00	
		12	0	20.50	20.27	20.24	22.00	
		12	6	20.48	20.47	20.24	22.00	
		12	13	20.49	20.51	20.33	22.00	
		25	0	20.53	20.35	20.20	22.00	
	256QAM	1	0	20.69	20.58	20.36	22.00	
		1	13	20.46	20.29	20.23	22.00	
		1	24	20.65	20.36	20.01	22.00	
		12	0	19.29	19.48	19.38	21.00	
		12	6	19.25	19.40	19.36	21.00	
		12	13	19.40	19.42	19.20	21.00	
	5MHz	QPSK	1	0	17.53	17.50	17.53	19.00
			1	13	17.45	17.43	17.29	19.00
			1	24	17.60	17.25	17.33	19.00
			12	0	17.57	17.49	17.27	19.00
			12	6	17.42	17.25	17.39	19.00
			12	13	17.43	17.27	17.23	19.00
5MHz	QPSK	25	0	17.35	17.55	17.28	19.00	
		1	0	22.24	22.40	22.24	24.00	
		1	25	22.46	22.35	22.06	24.00	
		1	49	22.37	22.24	22.16	24.00	
		25	0	21.53	21.43	21.12	23.00	
		25	13	21.48	21.38	21.05	23.00	
10MHz	16QAM	25	25	21.49	21.46	21.07	23.00	
		50	0	21.53	21.35	21.08	23.00	
		1	0	21.51	21.42	21.23	23.00	
		1	25	21.59	21.58	21.29	23.00	
		1	49	21.72	21.52	21.28	23.00	
		25	0	20.47	20.28	20.33	22.00	
	64QAM	25	13	20.49	20.37	20.32	22.00	
		25	25	20.46	20.42	20.23	22.00	
		50	0	20.44	20.28	20.13	22.00	
		1	0	20.63	20.56	20.44	22.00	
		1	25	20.53	20.31	20.30	22.00	
		1	49	20.61	20.31	20.07	22.00	
256QAM	25	0	19.31	19.39	19.30	21.00		
	25	13	19.33	19.37	19.35	21.00		
	25	25	19.41	19.40	19.12	21.00		
	50	0	19.42	19.51	19.28	21.00		
	1	0	17.59	17.52	17.56	19.00		
	1	25	17.52	17.52	17.28	19.00		
10MHz	256QAM	1	49	17.59	17.31	17.26	19.00	
		25	0	17.58	17.40	17.23	19.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	QPSK	25	13	17.49	17.31	17.35	19.00	
		25	25	17.34	17.30	17.19	19.00	
		50	0	17.42	17.53	17.32	19.00	
		1	0	22.34	22.32	22.18	24.00	
		1	38	22.51	22.35	22.11	24.00	
		1	74	22.32	22.29	22.17	24.00	
	16QAM	36	0	21.44	21.51	21.16	23.00	
		36	18	21.54	21.31	21.15	23.00	
		36	39	21.51	21.41	21.12	23.00	
		75	0	21.43	21.40	21.16	23.00	
		1	0	21.53	21.46	21.24	23.00	
		1	38	21.58	21.51	21.33	23.00	
	64QAM	1	74	21.73	21.51	21.20	23.00	
		36	0	20.43	20.35	20.23	22.00	
		36	18	20.57	20.39	20.29	22.00	
		36	39	20.44	20.35	20.15	22.00	
		75	0	20.44	20.24	20.16	22.00	
		1	0	20.69	20.47	20.35	22.00	
	256QAM	1	38	20.46	20.40	20.28	22.00	
		1	74	20.64	20.41	20.02	22.00	
		36	0	19.36	19.33	19.26	21.00	
		36	18	19.41	19.45	19.33	21.00	
		36	39	19.50	19.44	19.17	21.00	
		75	0	19.42	19.41	19.18	21.00	
	20MHz	QPSK	1	0	17.64	17.49	17.50	19.00
			1	38	17.56	17.43	17.33	19.00
			1	74	17.65	17.34	17.20	19.00
			36	0	17.54	17.44	17.27	19.00
			36	18	17.46	17.37	17.27	19.00
			36	39	17.40	17.32	17.12	19.00
20MHz	QPSK	75	0	17.38	17.43	17.30	19.00	
		18700	18900	19100				
		1	0	22.32	22.33	22.23	24.00	
		1	50	22.41	22.25	22.03	24.00	
		1	99	22.40	22.27	22.14	24.00	
		50	0	21.47	21.42	21.20	23.00	
	16QAM	50	25	21.50	21.41	21.25	23.00	
		50	50	21.50	21.37	21.16	23.00	
		100	0	21.50	21.38	21.23	23.00	
		1	0	21.59	21.41	21.26	23.00	
		1	50	21.52	21.43	21.27	23.00	
		1	99	21.68	21.49	21.21	23.00	
	64QAM	50	0	20.42	20.38	20.26	22.00	
		50	25	20.47	20.37	20.24	22.00	
		50	50	20.47	20.36	20.16	22.00	
		100	0	20.46	20.34	20.20	22.00	
		1	0	20.63	20.41	20.38	22.00	
		1	50	20.56	20.32	20.27	22.00	
	256QAM	1	99	20.57	20.45	20.11	22.00	
		50	0	19.46	19.40	19.26	21.00	
		50	25	19.48	19.37	19.26	21.00	
		50	50	19.50	19.34	19.17	21.00	
		100	0	19.46	19.34	19.18	21.00	
		1	0	17.57	17.47	17.46	19.00	
	256QAM	1	50	17.49	17.48	17.26	19.00	
		1	99	17.57	17.35	17.23	19.00	
		50	0	17.46	17.38	17.24	19.00	
		50	25	17.48	17.36	17.23	19.00	



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		50	50	17.48	17.31	17.14	19.00
		100	0	17.43	17.33	17.20	19.00

LTE Band 2 DSI1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	18.60	18.58	18.65	20.50
		1	2	18.58	18.60	18.53	20.50
		1	5	18.62	18.72	18.69	20.50
		3	0	18.64	18.73	18.74	20.50
		3	2	18.71	18.72	18.75	20.50
		3	3	18.71	18.75	18.73	20.50
	16QAM	6	0	18.67	18.75	18.75	20.50
		1	0	18.92	18.71	18.82	20.50
		1	2	18.91	18.79	18.83	20.50
		1	5	18.93	18.90	18.78	20.50
		3	0	18.66	18.73	18.73	20.50
		3	2	18.68	18.72	18.78	20.50
	64QAM	3	3	18.71	18.74	18.75	20.50
		6	0	18.67	18.72	18.71	20.50
		1	0	18.81	18.79	18.73	20.50
		1	2	18.58	18.73	18.77	20.50
		1	5	18.84	18.77	18.76	20.50
		3	0	18.63	18.73	18.74	20.50
	256QAM	3	2	18.68	18.70	18.76	20.50
		3	3	18.72	18.71	18.73	20.50
		6	0	18.67	18.74	18.70	20.50
		1	0	17.04	17.28	17.32	19.00
		1	2	17.31	17.29	17.38	19.00
		1	5	17.33	17.28	17.44	19.00
3MHz	QPSK	3	0	17.13	17.24	17.25	19.00
		3	2	17.18	17.20	17.26	19.00
		3	3	17.18	17.24	17.23	19.00
		6	0	17.18	17.20	17.18	19.00
		1	0	18.60	18.58	18.65	20.50
		1	7	18.58	18.60	18.53	20.50
	16QAM	1	14	18.62	18.72	18.69	20.50
		8	0	18.64	18.73	18.74	20.50
		8	4	18.71	18.72	18.75	20.50
		8	7	18.71	18.75	18.73	20.50
		15	0	18.67	18.75	18.75	20.50
		1	0	18.92	18.71	18.82	20.50
	64QAM	1	7	18.91	18.79	18.83	20.50
		1	14	18.93	18.90	18.78	20.50
		8	0	18.66	18.73	18.73	20.50
		8	4	18.68	18.72	18.78	20.50
		8	7	18.71	18.74	18.75	20.50
		15	0	18.67	18.72	18.71	20.50
	256QAM	1	0	18.81	18.79	18.73	20.50
		1	7	18.58	18.73	18.77	20.50
		1	14	18.84	18.77	18.76	20.50
		8	0	18.63	18.73	18.74	20.50
		8	4	18.68	18.70	18.76	20.50
		8	7	18.72	18.71	18.73	20.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18625	18900	19175		
5MHz	QPSK	1	14	17.33	17.28	17.44	19.00	
		8	0	17.13	17.24	17.25	19.00	
		8	4	17.18	17.20	17.26	19.00	
		8	7	17.18	17.24	17.23	19.00	
		15	0	17.18	17.20	17.18	19.00	
		1	0	18.60	18.58	18.65	20.50	
	16QAM	1	13	18.58	18.60	18.53	20.50	
		1	24	18.62	18.72	18.69	20.50	
		12	0	18.64	18.73	18.74	20.50	
		12	6	18.71	18.72	18.75	20.50	
		12	13	18.71	18.75	18.73	20.50	
		25	0	18.67	18.75	18.75	20.50	
	64QAM	1	0	18.92	18.71	18.82	20.50	
		1	13	18.91	18.79	18.83	20.50	
		1	24	18.93	18.90	18.78	20.50	
		12	0	18.66	18.73	18.73	20.50	
		12	6	18.68	18.72	18.78	20.50	
		12	13	18.71	18.74	18.75	20.50	
	256QAM	25	0	18.67	18.72	18.71	20.50	
		1	0	18.81	18.79	18.73	20.50	
		1	13	18.58	18.73	18.77	20.50	
		1	24	18.84	18.77	18.76	20.50	
		12	0	18.63	18.73	18.74	20.50	
		12	6	18.68	18.70	18.76	20.50	
	10MHz	QPSK	12	13	18.72	18.71	18.73	20.50
			25	0	18.67	18.74	18.70	20.50
			1	0	17.04	17.28	17.32	19.00
			1	13	17.31	17.29	17.38	19.00
1			24	17.33	17.28	17.44	19.00	
16QAM		12	0	17.13	17.24	17.25	19.00	
		12	6	17.18	17.20	17.26	19.00	
		12	13	17.18	17.24	17.23	19.00	
		25	0	17.18	17.20	17.18	19.00	
		1	0	18.60	18.58	18.65	20.50	
64QAM	1	25	18.58	18.60	18.53	20.50		
	1	49	18.62	18.72	18.69	20.50		
	25	0	18.64	18.73	18.74	20.50		
	25	13	18.71	18.72	18.75	20.50		
	25	25	18.71	18.75	18.73	20.50		
256QAM	50	0	18.67	18.75	18.75	20.50		
	1	0	18.92	18.71	18.82	20.50		
	1	25	18.91	18.79	18.83	20.50		
	1	49	18.93	18.90	18.78	20.50		
	25	0	18.66	18.73	18.73	20.50		
16QAM	25	13	18.68	18.72	18.78	20.50		
	25	25	18.71	18.74	18.75	20.50		
	50	0	18.67	18.72	18.71	20.50		
	1	0	18.81	18.79	18.73	20.50		
	1	25	18.58	18.73	18.77	20.50		
64QAM	1	49	18.84	18.77	18.76	20.50		
	25	0	18.63	18.73	18.74	20.50		
	25	13	18.68	18.70	18.76	20.50		
	25	25	18.72	18.71	18.73	20.50		
	50	0	18.67	18.74	18.70	20.50		
256QAM	1	0	17.04	17.28	17.32	19.00		
	1	25	17.31	17.29	17.38	19.00		
	1	49	17.33	17.28	17.44	19.00		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	QPSK	25	0	17.13	17.24	17.25	19.00	
		25	13	17.18	17.20	17.26	19.00	
		25	25	17.18	17.24	17.23	19.00	
		50	0	17.18	17.20	17.18	19.00	
		1	0	18.60	18.58	18.65	20.50	
		1	38	18.58	18.60	18.53	20.50	
	16QAM	1	74	18.62	18.72	18.69	20.50	
		36	0	18.64	18.73	18.74	20.50	
		36	18	18.71	18.72	18.75	20.50	
		36	39	18.71	18.75	18.73	20.50	
		75	0	18.67	18.75	18.75	20.50	
		1	0	18.92	18.71	18.82	20.50	
	64QAM	1	38	18.91	18.79	18.83	20.50	
		1	74	18.93	18.90	18.78	20.50	
		36	0	18.66	18.73	18.73	20.50	
		36	18	18.68	18.72	18.78	20.50	
		36	39	18.71	18.74	18.75	20.50	
		75	0	18.67	18.72	18.71	20.50	
	256QAM	1	0	18.81	18.79	18.73	20.50	
		1	38	18.58	18.73	18.77	20.50	
		1	74	18.84	18.77	18.76	20.50	
		36	0	18.63	18.73	18.74	20.50	
		36	18	18.68	18.70	18.76	20.50	
		36	39	18.72	18.71	18.73	20.50	
	20MHz	QPSK	75	0	18.67	18.74	18.70	20.50
			1	0	17.04	17.28	17.32	19.00
			1	38	17.31	17.29	17.38	19.00
			1	74	17.33	17.28	17.44	19.00
			36	0	17.13	17.24	17.25	19.00
			36	18	17.18	17.20	17.26	19.00
		16QAM	36	39	17.18	17.24	17.23	19.00
			75	0	17.18	17.20	17.18	19.00
			1	0	18.60	18.58	18.65	20.50
			1	50	18.72	18.60	18.53	20.50
			1	99	18.62	18.71	18.69	20.50
			50	0	18.64	18.73	18.74	20.50
		64QAM	50	25	18.76	18.74	18.75	20.50
			50	50	18.71	18.71	18.73	20.50
			100	0	18.67	18.75	18.75	20.50
			1	0	18.92	18.71	18.82	20.50
			1	50	18.91	18.79	18.83	20.50
			1	99	18.93	18.90	18.78	20.50
		256QAM	50	0	18.66	18.73	18.73	20.50
			50	25	18.68	18.72	18.78	20.50
			50	50	18.71	18.74	18.75	20.50
			100	0	18.67	18.72	18.71	20.50
			1	0	18.81	18.79	18.73	20.50
			1	50	18.58	18.73	18.77	20.50
256QAM		1	99	18.84	18.77	18.76	20.50	
		50	0	18.63	18.73	18.74	20.50	
		50	25	18.68	18.70	18.76	20.50	
		50	50	18.72	18.71	18.73	20.50	
		100	0	18.67	18.74	18.70	20.50	
		1	0	17.04	17.28	17.32	19.00	
256QAM		1	50	17.31	17.29	17.38	19.00	
		1	99	17.33	17.28	17.44	19.00	
		50	0	17.13	17.24	17.25	19.00	
		50	18	17.18	17.20	17.26	19.00	
		50	39	17.18	17.24	17.23	19.00	
		75	0	17.18	17.20	17.18	19.00	



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		50	25	17.18	17.20	17.26	19.00
		50	50	17.18	17.24	17.23	19.00
		100	0	17.18	17.20	17.18	19.00

LTE Band 2 DSI3/4/5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	16.85	16.79	16.75	18.50	
		1	2	16.97	16.71	16.58	18.50	
		1	5	16.88	16.82	16.66	18.50	
		3	0	16.97	16.90	16.71	18.50	
		3	2	17.02	16.96	16.81	18.50	
		3	3	17.03	16.93	16.65	18.50	
	16QAM	6	0	17.04	16.93	16.76	18.50	
		1	0	17.10	16.94	16.73	18.50	
		1	2	17.01	16.91	16.80	18.50	
		1	5	17.22	16.96	16.75	18.50	
		3	0	16.89	16.84	16.72	18.50	
		3	2	16.94	16.90	16.71	18.50	
	64QAM	3	3	16.98	16.84	16.65	18.50	
		6	0	16.92	16.80	16.67	18.50	
		1	0	17.14	16.94	16.87	18.50	
		1	2	17.10	16.88	16.75	18.50	
		1	5	17.08	16.94	16.60	18.50	
		3	0	16.98	16.88	16.75	18.50	
	256QAM	3	2	16.98	16.87	16.72	18.50	
		3	3	17.04	16.85	16.67	18.50	
		6	0	16.97	16.84	16.74	18.50	
		1	0	17.08	16.93	16.92	18.50	
		1	2	16.95	16.99	16.75	18.50	
		1	5	17.06	16.81	16.79	18.50	
	3MHz	QPSK	3	0	16.98	16.89	16.70	18.50
			3	2	17.01	16.84	16.69	18.50
			3	3	17.04	16.80	16.61	18.50
			6	0	16.92	16.89	16.73	18.50
			1	0	16.83	16.86	16.72	18.50
			1	7	16.87	16.71	16.54	18.50
16QAM		1	14	16.86	16.82	16.60	18.50	
		8	0	16.97	16.94	16.71	18.50	
		8	4	17.02	16.90	16.73	18.50	
		8	7	16.96	16.86	16.63	18.50	
		15	0	17.00	16.94	16.72	18.50	
		1	0	17.07	16.87	16.82	18.50	
64QAM		1	7	17.08	16.94	16.76	18.50	
		1	14	17.23	17.00	16.71	18.50	
		8	0	16.95	16.88	16.72	18.50	
		8	4	17.00	16.87	16.77	18.50	
		8	7	16.99	16.82	16.67	18.50	
		15	0	16.93	16.84	16.76	18.50	
256QAM		1	0	17.14	16.90	16.92	18.50	
		1	7	17.12	16.82	16.82	18.50	
		1	14	17.13	17.00	16.66	18.50	
		8	0	16.99	16.89	16.81	18.50	
		8	4	17.02	16.89	16.81	18.50	
		8	7	17.06	16.89	16.66	18.50	
			15	0	16.92	16.90	16.74	18.50
			1	0	17.13	16.94	16.93	18.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18625	18900	19175		
5MHz	QPSK	1	7	17.03	16.97	16.81	18.50	
		1	14	17.09	16.91	16.76	18.50	
		8	0	16.93	16.89	16.78	18.50	
		8	4	17.04	16.86	16.76	18.50	
		8	7	16.95	16.85	16.70	18.50	
		15	0	16.96	16.83	16.76	18.50	
	16QAM	16QAM	1	0	16.80	16.79	16.76	18.50
			1	13	16.87	16.80	16.58	18.50
			1	24	16.91	16.81	16.68	18.50
			12	0	16.99	16.97	16.74	18.50
			12	6	17.01	16.91	16.75	18.50
			12	13	17.05	16.85	16.63	18.50
		16QAM	25	0	17.05	16.88	16.77	18.50
			1	0	17.09	16.96	16.73	18.50
			1	13	17.01	16.99	16.75	18.50
			1	24	17.15	16.98	16.72	18.50
			12	0	16.96	16.84	16.73	18.50
			12	6	16.94	16.93	16.76	18.50
	64QAM	64QAM	12	13	16.94	16.91	16.64	18.50
			25	0	16.97	16.87	16.73	18.50
			1	0	17.14	16.93	16.92	18.50
			1	13	17.05	16.79	16.79	18.50
		64QAM	1	24	17.05	16.91	16.58	18.50
			12	0	17.02	16.93	16.77	18.50
			12	6	16.99	16.85	16.76	18.50
			12	13	17.02	16.88	16.65	18.50
	256QAM	256QAM	25	0	17.01	16.88	16.66	18.50
			1	0	17.03	16.97	16.99	18.50
1			13	17.04	17.04	16.72	18.50	
1			24	17.07	16.90	16.76	18.50	
256QAM		12	0	17.01	16.87	16.70	18.50	
		12	6	17.04	16.87	16.78	18.50	
		12	13	17.01	16.82	16.61	18.50	
		25	0	16.97	16.83	16.67	18.50	
10MHz	QPSK	1	0	16.78	16.82	16.76	18.50	
		1	25	16.87	16.77	16.54	18.50	
		1	49	16.91	16.81	16.70	18.50	
		25	0	17.01	16.94	16.74	18.50	
		25	13	17.00	16.87	16.75	18.50	
		25	25	17.03	16.85	16.66	18.50	
	16QAM	16QAM	50	0	17.01	16.86	16.76	18.50
			1	0	17.14	16.97	16.78	18.50
			1	25	17.02	16.99	16.77	18.50
			1	49	17.20	16.98	16.71	18.50
		16QAM	25	0	16.97	16.89	16.74	18.50
			25	13	17.01	16.91	16.80	18.50
			25	25	17.01	16.88	16.69	18.50
			50	0	17.00	16.87	16.74	18.50
	64QAM	64QAM	1	0	17.17	16.92	16.88	18.50
			1	25	17.04	16.81	16.73	18.50
			1	49	17.08	16.93	16.67	18.50
			25	0	16.99	16.86	16.79	18.50
		64QAM	25	13	17.04	16.85	16.79	18.50
			25	25	16.96	16.82	16.65	18.50
			50	0	17.00	16.82	16.71	18.50
			256QAM	1	0	17.06	16.99	17.02
	256QAM	1	25	17.00	17.02	16.79	18.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	49	17.06	16.84	16.78	18.50
		25	0	17.01	16.88	16.73	18.50
		25	13	16.94	16.90	16.71	18.50
		25	25	17.01	16.83	16.67	18.50
		50	0	16.95	16.84	16.70	18.50
		50	0	16.95	16.84	16.70	18.50
	16QAM	1	0	17.12	16.89	16.76	18.50
		1	38	17.01	16.91	16.78	18.50
		1	74	17.21	16.96	16.69	18.50
		36	0	16.93	16.91	16.73	18.50
		36	18	17.02	16.87	16.80	18.50
		36	39	16.96	16.88	16.72	18.50
	64QAM	1	0	17.17	16.95	16.94	18.50
		1	38	17.12	16.81	16.82	18.50
		1	74	17.04	16.94	16.59	18.50
		36	0	16.94	16.91	16.81	18.50
		36	18	16.95	16.93	16.75	18.50
		36	39	16.96	16.82	16.73	18.50
	256QAM	1	0	17.08	16.94	16.95	18.50
		1	38	16.99	16.98	16.73	18.50
		1	74	17.07	16.85	16.75	18.50
		36	0	16.96	16.87	16.73	18.50
		36	18	17.02	16.89	16.78	18.50
		36	39	16.98	16.80	16.66	18.50
20MHz	QPSK	1	0	16.84	16.84	16.72	18.50
		1	50	16.91	16.73	16.51	18.50
		1	99	16.88	16.75	16.70	18.50
		50	0	17.01	16.90	16.68	18.50
		50	25	17.01	16.97	16.80	18.50
		50	50	16.99	16.84	16.72	18.50
	16QAM	100	0	17.05	16.94	16.71	18.50
		1	0	17.09	16.87	16.80	18.50
		1	50	16.98	16.94	16.77	18.50
		1	99	17.20	16.99	16.75	18.50
		50	0	16.93	16.92	16.79	18.50
		50	25	16.94	16.89	16.80	18.50
	64QAM	50	50	16.94	16.86	16.71	18.50
		100	0	16.92	16.87	16.72	18.50
		1	0	17.18	16.89	16.90	18.50
		1	50	17.10	16.88	16.79	18.50
		1	99	17.13	16.97	16.58	18.50
		50	0	16.94	16.91	16.80	18.50
	256QAM	50	25	16.97	16.85	16.73	18.50
		50	50	16.97	16.90	16.65	18.50
		100	0	16.93	16.87	16.74	18.50
		1	0	17.06	16.96	16.96	18.50
		1	50	16.97	16.95	16.73	18.50
		1	99	17.10	16.91	16.75	18.50



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		50	0	17.01	16.94	16.79	18.50
		50	25	17.03	16.82	16.75	18.50
		50	50	16.97	16.85	16.60	18.50
		100	0	16.98	16.81	16.70	18.50

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	23.51	23.54	23.56	25.00
		1	2	23.48	23.40	23.52	25.00
		1	5	23.46	23.37	23.58	25.00
		3	0	23.24	23.21	23.16	25.00
		3	2	23.22	23.22	23.12	25.00
		3	3	23.25	23.21	23.14	25.00
	16QAM	6	0	22.68	22.78	22.48	24.00
		1	0	22.46	22.54	22.61	24.00
		1	2	22.48	22.37	22.71	24.00
		1	5	22.60	22.64	22.88	24.00
		3	0	22.22	22.04	22.12	24.00
		3	2	22.28	22.21	22.18	24.00
	64QAM	3	3	22.25	22.22	22.23	24.00
		6	0	21.72	21.68	21.68	23.00
		1	0	21.46	21.72	21.71	23.00
		1	2	21.80	21.52	21.79	23.00
		1	5	21.62	21.70	21.57	23.00
		3	0	21.23	21.19	21.20	23.00
	256QAM	3	2	21.21	21.24	21.08	23.00
		3	3	21.34	21.25	21.16	23.00
		6	0	20.80	20.73	20.61	22.00
		1	0	18.56	18.62	18.64	20.00
		1	2	18.66	18.84	18.52	20.00
		1	5	18.59	18.70	18.71	20.00
3MHz	QPSK	3	0	18.71	18.69	18.70	20.00
		3	2	18.74	18.78	18.62	20.00
		3	3	18.75	18.68	18.59	20.00
		6	0	18.71	18.65	18.64	20.00
		1	0	23.48	23.58	23.55	25.00
		1	7	23.47	23.45	23.49	25.00
	16QAM	1	14	23.50	23.35	23.61	25.00
		8	0	22.74	22.69	22.64	24.00
		8	4	22.75	22.69	22.70	24.00
		8	7	22.80	22.71	22.64	24.00
		15	0	22.75	22.79	22.38	24.00
		1	0	22.45	22.52	22.60	24.00
	64QAM	1	7	22.51	22.38	22.75	24.00
		1	14	22.55	22.65	22.90	24.00
		8	0	21.76	21.62	21.67	23.00
		8	4	21.76	21.70	21.71	23.00
		8	7	21.80	21.75	21.67	23.00
		15	0	21.74	21.72	21.66	23.00
QPSK	1	0	21.42	21.77	21.63	23.00	
	1	7	21.79	21.57	21.71	23.00	
	1	14	21.55	21.69	21.52	23.00	
	8	0	20.71	20.72	20.48	22.00	
	8	4	20.76	20.72	20.62	22.00	
	8	7	20.78	20.72	20.68	22.00	
16QAM	15	0	20.81	20.72	20.58	22.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	256QAM	1	0	18.57	18.68	18.58	20.00	
		1	7	18.73	18.83	18.52	20.00	
		1	14	18.56	18.76	18.69	20.00	
		8	0	18.65	18.70	18.69	20.00	
		8	4	18.76	18.76	18.60	20.00	
		8	7	18.79	18.75	18.61	20.00	
	15	0	18.77	18.71	18.62	20.00		
	QPSK	1	0	23.52	23.57	23.62	25.00	
			13	23.52	23.43	23.56	25.00	
			24	23.55	23.37	23.57	25.00	
			0	22.76	22.69	22.61	24.00	
			6	22.73	22.69	22.66	24.00	
			13	22.77	22.73	22.65	24.00	
		12	0	22.72	22.71	22.45	24.00	
			1	0	22.52	22.54	22.59	24.00
			13	22.42	22.32	22.68	24.00	
			24	22.54	22.61	22.91	24.00	
			0	21.72	21.64	21.69	23.00	
			6	21.73	21.69	21.70	23.00	
		12	13	21.79	21.77	21.66	23.00	
			0	21.75	21.72	21.69	23.00	
1			0	21.45	21.74	21.64	23.00	
13			21.76	21.52	21.77	23.00		
24			21.62	21.72	21.58	23.00		
0			20.77	20.71	20.53	22.00		
12		6	20.77	20.73	20.57	22.00		
		13	20.78	20.71	20.70	22.00		
		0	20.80	20.78	20.64	22.00		
		1	0	18.56	18.65	18.65	20.00	
		13	18.73	18.83	18.48	20.00		
		24	18.62	18.77	18.69	20.00		
12	0	18.64	18.66	18.61	20.00			
	6	18.71	18.76	18.67	20.00			
	13	18.79	18.71	18.67	20.00			
	0	18.71	18.64	18.62	20.00			
	1	0	23.50	23.59	23.56	25.00		
	25	23.43	23.41	23.57	25.00			
10MHz	QPSK	1	49	23.52	23.30	23.62	25.00	
		0	22.78	22.68	22.71	24.00		
		13	22.76	22.76	22.69	24.00		
		25	22.79	22.75	22.67	24.00		
		0	22.72	22.78	22.38	24.00		
		1	0	22.46	22.52	22.59	24.00	
	16QAM	1	25	22.44	22.32	22.66	24.00	
		49	22.53	22.60	22.88	24.00		
		0	21.69	21.60	21.60	23.00		
		13	21.72	21.73	21.64	23.00		
		25	21.75	21.73	21.67	23.00		
		0	21.76	21.68	21.69	23.00		
64QAM	1	0	21.44	21.75	21.63	23.00		
	25	21.76	21.60	21.70	23.00			
	49	21.62	21.68	21.55	23.00			
	0	20.77	20.69	20.52	22.00			
	13	20.75	20.73	20.59	22.00			
	25	20.82	20.79	20.74	22.00			
256QAM	50	0	20.72	20.69	20.61	22.00		
	1	0	18.56	18.64	18.60	20.00		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20025	20175	20325			
15MHz	QPSK	1	25	18.72	18.77	18.48	20.00		
		1	49	18.57	18.76	18.71	20.00		
		25	0	18.65	18.73	18.67	20.00		
		25	13	18.69	18.75	18.67	20.00		
		25	25	18.78	18.70	18.60	20.00		
		50	0	18.74	18.64	18.66	20.00		
	16QAM	16QAM	1	0	23.50	23.56	23.57	25.00	
			1	38	23.47	23.43	23.52	25.00	
			1	74	23.51	23.34	23.58	25.00	
			36	0	22.73	22.72	22.66	24.00	
			36	18	22.77	22.73	22.65	24.00	
			36	39	22.77	22.76	22.69	24.00	
		16QAM	16QAM	75	0	22.72	22.74	22.43	24.00
				1	0	22.50	22.55	22.59	24.00
				1	38	22.46	22.33	22.71	24.00
				1	74	22.58	22.63	22.89	24.00
				36	0	21.74	21.59	21.65	23.00
				36	18	21.74	21.74	21.66	23.00
	64QAM	64QAM	36	18	21.79	21.73	21.69	23.00	
			75	0	21.72	21.71	21.64	23.00	
1			0	21.43	21.75	21.68	23.00		
1			38	21.75	21.55	21.75	23.00		
1			74	21.58	21.68	21.53	23.00		
36			0	20.73	20.72	20.52	22.00		
256QAM	256QAM	36	18	20.76	20.75	20.62	22.00		
		36	39	20.79	20.76	20.70	22.00		
		75	0	20.77	20.74	20.63	22.00		
		1	0	18.57	18.66	18.63	20.00		
		1	38	18.69	18.79	18.53	20.00		
		1	74	18.61	18.74	18.74	20.00		
20MHz	QPSK	36	0	18.69	18.69	18.66	20.00		
		36	18	18.71	18.73	18.65	20.00		
		36	39	18.78	18.73	18.64	20.00		
		75	0	18.75	18.69	18.64	20.00		
		1	0	/	23.56	/	25.00		
		1	50	/	23.38	/	25.00		
	16QAM	16QAM	1	99	/	23.39	/	25.00	
			50	0	/	22.74	/	24.00	
			50	25	/	22.69	/	24.00	
			50	50	/	22.73	/	24.00	
			100	0	/	22.77	/	24.00	
			1	0	/	22.55	/	24.00	
64QAM	64QAM	1	50	/	22.31	/	24.00		
		1	99	/	22.66	/	24.00		
		50	0	/	21.58	/	23.00		
		50	25	/	21.75	/	23.00		
		50	50	/	21.74	/	23.00		
		100	0	/	21.74	/	23.00		
256QAM	256QAM	1	0	/	21.70	/	23.00		
		1	50	/	21.60	/	23.00		
		1	99	/	21.68	/	23.00		
		50	0	/	20.73	/	22.00		
		50	25	/	20.73	/	22.00		
		50	50	/	20.73	/	22.00		
100	0	/	20.72	/	22.00				
1	0	/	18.71	/	20.00				
1	50	/	18.79	/	20.00				



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