

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

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HSPA+	16QAM	16.81	16.88	16.82	18.00
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WCDMA Band V DSI2/3					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.95	23.85	23.88	25.00
	12.2kbps AMR	23.89	23.84	23.84	25.00
HSDPA	Subtest 1	22.99	23.09	22.99	24.00
	Subtest 2	22.99	23.06	22.99	24.00
	Subtest 3	22.51	22.57	22.48	23.50
	Subtest 4	22.47	22.57	22.49	23.50
HSUPA	Subtest 1	22.94	23.08	22.99	24.00
	Subtest 2	20.93	21.07	21.00	22.00
	Subtest 3	21.97	22.07	21.98	23.00
	Subtest 4	20.95	21.06	20.98	22.00
	Subtest 5	22.94	23.04	22.99	24.00
DC-HSDPA	Subtest 1	22.96	23.01	22.94	24.00
	Subtest 2	22.98	22.99	22.95	24.00
	Subtest 3	22.44	22.49	22.45	23.50
	Subtest 4	22.42	22.49	22.41	23.50
HSPA+	16QAM	21.10	21.05	20.98	22.00

WCDMA Band V DSI4/5					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.50	23.42	23.47	24.50
	12.2kbps AMR	23.44	23.42	23.49	24.50
HSDPA	Subtest 1	22.52	22.58	22.51	23.50
	Subtest 2	22.35	22.59	22.49	23.50
	Subtest 3	21.84	22.11	22.03	23.00
	Subtest 4	21.98	22.05	22.01	23.00
HSUPA	Subtest 1	22.43	22.58	22.53	23.50
	Subtest 2	20.38	20.54	20.49	21.50
	Subtest 3	21.42	21.56	21.51	22.50
	Subtest 4	20.41	20.58	20.50	21.50
	Subtest 5	22.41	22.56	22.53	23.50
DC-HSDPA	Subtest 1	22.47	22.54	22.42	23.50
	Subtest 2	22.33	22.55	22.43	23.50
	Subtest 3	21.78	22.05	21.99	23.00
	Subtest 4	21.95	21.99	21.95	23.00



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HSPA+	16QAM	20.68	20.59	20.62	21.50
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WCDMA Band V DSI8/9/10					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.49	22.54	22.53	23.50
	12.2kbps AMR	22.44	22.48	22.47	23.50
HSDPA	Subtest 1	21.48	21.61	21.52	22.50
	Subtest 2	21.47	21.56	21.47	22.50
	Subtest 3	20.98	21.09	21.00	22.00
	Subtest 4	20.99	20.91	21.03	22.00
HSUPA	Subtest 1	21.44	21.59	21.49	22.50
	Subtest 2	19.47	19.57	19.50	20.50
	Subtest 3	20.43	20.55	20.48	21.50
	Subtest 4	19.45	19.58	19.51	20.50
	Subtest 5	21.46	21.55	21.48	22.50
DC-HSDPA	Subtest 1	21.43	21.57	21.44	22.50
	Subtest 2	21.40	21.48	21.45	22.50
	Subtest 3	20.89	21.05	20.96	22.00
	Subtest 4	20.91	20.88	20.98	22.00
HSPA+	16QAM	19.52	19.55	19.51	20.50



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2.3 Conducted Power of LTE

LTE Band 2 DS1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.02	22.34	22.14	23.50
		1	2	22.15	22.19	22.33	23.50
		1	5	22.23	22.17	22.25	23.50
		3	0	22.18	22.15	22.26	23.50
		3	2	22.21	22.18	22.24	23.50
		3	3	22.19	22.18	22.21	23.50
		6	0	21.33	21.20	21.36	22.50
	16QAM	1	0	21.39	20.74	20.78	22.50
		1	2	22.08	21.31	21.22	22.50
		1	5	21.40	21.27	21.42	22.50
		3	0	21.38	21.28	21.34	22.50
		3	2	21.41	21.22	21.36	22.50
		3	3	21.44	21.28	21.34	22.50
		6	0	20.27	20.29	20.31	21.50
	64QAM	1	0	21.40	20.14	20.16	21.50
		1	2	20.94	19.89	20.22	21.50
		1	5	21.19	20.01	20.40	21.50
		3	0	21.23	20.01	20.40	21.50
		3	2	21.19	19.99	20.38	21.50
		3	3	21.18	19.98	20.35	21.50
		6	0	20.29	19.16	19.27	20.50
	256QAM	1	0	17.38	17.20	17.52	18.50
		1	2	17.31	16.90	16.94	18.50
		1	5	17.19	17.15	16.69	18.50
		3	0	16.86	16.96	17.32	18.50
		3	2	17.33	17.28	17.37	18.50
		3	3	17.35	17.22	17.32	18.50
		6	0	17.10	17.21	17.32	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.01	22.35	22.09	23.50
		1	7	22.14	22.15	22.35	23.50
		1	14	22.22	22.13	22.22	23.50



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		8	0	21.21	21.48	21.35	22.50
		8	4	21.36	21.19	21.40	22.50
		8	7	21.30	21.16	21.47	22.50
		15	0	21.29	21.22	21.29	22.50
	16QAM	1	0	21.44	20.75	20.82	22.50
		1	7	22.02	21.31	21.21	22.50
		1	14	21.45	21.22	21.42	22.50
		8	0	20.38	20.23	20.30	21.50
		8	4	20.16	20.18	20.26	21.50
		8	7	20.38	20.22	20.33	21.50
		15	0	20.33	20.30	20.34	21.50
	64QAM	1	0	21.35	20.11	20.22	21.50
		1	7	20.86	19.87	20.16	21.50
		1	14	21.20	19.99	20.38	21.50
		8	0	20.38	19.21	19.25	20.50
		8	4	20.07	19.15	19.28	20.50
		8	7	20.20	19.20	19.32	20.50
		15	0	20.24	19.23	19.30	20.50
	256QAM	1	0	17.42	17.12	17.45	18.50
		1	7	17.33	16.90	16.92	18.50
		1	14	17.19	17.22	16.65	18.50
		8	0	16.85	16.94	17.26	18.50
		8	4	17.35	17.30	17.38	18.50
		8	7	17.34	17.21	17.30	18.50
		15	0	17.06	17.20	17.28	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	21.98	22.40	22.11	23.50
		1	13	22.20	22.19	22.34	23.50
		1	24	22.16	22.15	22.25	23.50
		12	0	21.21	21.43	21.31	22.50
		12	6	21.38	21.22	21.32	22.50
		12	13	21.26	21.24	21.40	22.50
		25	0	21.35	21.26	21.34	22.50
	16QAM	1	0	21.46	20.75	20.78	22.50
		1	13	22.09	21.33	21.20	22.50
		1	24	21.44	21.27	21.40	22.50
		12	0	20.38	20.22	20.35	21.50
		12	6	20.13	20.18	20.22	21.50



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		12	13	20.32	20.20	20.36	21.50
		25	0	20.32	20.27	20.28	21.50
	64QAM	1	0	21.39	20.09	20.22	21.50
		1	13	20.89	19.84	20.14	21.50
		1	24	21.16	20.00	20.43	21.50
		12	0	20.32	19.24	19.27	20.50
		12	6	20.05	19.19	19.27	20.50
		12	13	20.19	19.22	19.34	20.50
		25	0	20.26	19.16	19.24	20.50
		1	0	17.42	17.18	17.47	18.50
	256QAM	1	13	17.26	16.86	16.95	18.50
		1	24	17.20	17.16	16.64	18.50
		12	0	16.84	16.98	17.25	18.50
		12	6	17.33	17.27	17.35	18.50
		12	13	17.33	17.29	17.26	18.50
		25	0	17.07	17.18	17.32	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	21.94	22.35	22.14	23.50
		1	25	22.18	22.17	22.33	23.50
		1	49	22.16	22.12	22.20	23.50
		25	0	21.19	21.44	21.36	22.50
		25	13	21.37	21.23	21.40	22.50
		25	25	21.30	21.18	21.40	22.50
		50	0	21.34	21.20	21.36	22.50
		1	0	21.45	20.72	20.76	22.50
	16QAM	1	25	22.01	21.34	21.16	22.50
		1	49	21.44	21.30	21.37	22.50
		25	0	20.34	20.24	20.32	21.50
		25	13	20.17	20.12	20.27	21.50
		25	25	20.32	20.27	20.37	21.50
		50	0	20.30	20.24	20.32	21.50
		1	0	21.36	20.10	20.19	21.50
		1	25	20.92	19.84	20.20	21.50
	64QAM	1	49	21.19	20.06	20.42	21.50
		25	0	20.31	19.22	19.27	20.50
		25	13	20.11	19.17	19.33	20.50
		25	25	20.22	19.18	19.39	20.50
		50	0	20.22	19.23	19.32	20.50



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		1	0	17.35	17.19	17.51	18.50
		1	25	17.31	16.87	16.99	18.50
		1	49	17.20	17.20	16.68	18.50
	256QAM	25	0	16.84	16.98	17.33	18.50
		25	13	17.33	17.25	17.39	18.50
		25	25	17.36	17.28	17.34	18.50
		50	0	17.07	17.14	17.32	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	21.98	22.38	22.14	23.50
		1	38	22.15	22.20	22.35	23.50
		1	74	22.16	22.17	22.24	23.50
		36	0	21.13	21.48	21.33	22.50
		36	18	21.33	21.21	21.38	22.50
		36	39	21.32	21.17	21.48	22.50
		75	0	21.28	21.26	21.36	22.50
	16QAM	1	0	21.43	20.71	20.82	22.50
		1	38	22.01	21.28	21.21	22.50
		1	74	21.39	21.22	21.36	22.50
		36	0	20.35	20.21	20.34	21.50
		36	18	20.11	20.15	20.25	21.50
		36	39	20.39	20.20	20.39	21.50
		75	0	20.29	20.24	20.28	21.50
	64QAM	1	0	21.33	20.16	20.18	21.50
		1	38	20.86	19.84	20.22	21.50
		1	74	21.18	20.06	20.42	21.50
		36	0	20.36	19.28	19.29	20.50
		36	18	20.13	19.19	19.31	20.50
		36	39	20.20	19.20	19.33	20.50
		75	0	20.24	19.16	19.24	20.50
	256QAM	1	0	17.36	17.18	17.44	18.50
		1	38	17.34	16.85	16.94	18.50
		1	74	17.21	17.19	16.72	18.50
		36	0	16.88	16.92	17.33	18.50
		36	18	17.39	17.28	17.32	18.50
		36	39	17.37	17.24	17.27	18.50
		75	0	17.10	17.15	17.34	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	



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20MHz	QPSK	1	0	22.03	22.41	22.15	23.50
		1	50	22.21	22.21	22.36	23.50
		1	99	22.25	22.21	22.27	23.50
		50	0	21.22	21.50	21.38	22.50
		50	25	21.39	21.28	21.41	22.50
		50	50	21.35	21.25	21.49	22.50
		100	0	21.37	21.28	21.38	22.50
	16QAM	1	0	21.47	20.76	20.84	22.50
		1	50	22.10	21.37	21.23	22.50
		1	99	21.47	21.31	21.43	22.50
		50	0	20.42	20.26	20.39	21.50
		50	25	20.20	20.21	20.31	21.50
		50	50	20.40	20.29	20.40	21.50
		100	0	20.34	20.32	20.35	21.50
	64QAM	1	0	21.41	20.17	20.23	21.50
		1	50	20.95	19.93	20.23	21.50
		1	99	21.25	20.07	20.44	21.50
		50	0	20.40	19.29	19.32	20.50
		50	25	20.14	19.22	19.34	20.50
		50	50	20.24	19.27	19.40	20.50
		100	0	20.31	19.25	19.33	20.50
	256QAM	1	0	17.43	17.21	17.53	18.50
		1	50	17.35	16.94	17.00	18.50
		1	99	17.27	17.23	16.73	18.50
		50	0	16.90	16.99	17.34	18.50
		50	25	17.40	17.31	17.40	18.50
		50	50	17.41	17.30	17.35	18.50
		100	0	17.15	17.22	17.37	18.50



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LTE Band 2 DSI4/5							
Bandwidth	Modulation	RB size	RB offset	Conducted Power(dBm)	18900	Channel	Tune up
						19193	
1.4MHz	QPSK	1	0	20.26	19.76	20.18	21.00
		1	2	Channel	Channel	20.25	21.00
		1	5	20.30	19.96	20.16	21.00
		3	0	20.28	19.96	20.22	21.00
		3	2	20.31	19.93	20.26	21.00
		3	3	20.32	19.97	20.22	21.00
		6	0	20.39	20.06	20.29	21.00
	16QAM	1	0	20.42	19.73	20.18	21.00
		1	2	20.28	20.28	20.19	21.00
		1	5	20.23	20.08	20.30	21.00
		3	0	20.25	19.90	20.09	21.00
		3	2	20.25	20.08	20.04	21.00
		3	3	20.16	19.86	20.22	21.00
		6	0	20.29	20.07	20.12	21.00
	64QAM	1	0	20.07	20.05	20.07	21.00
		1	2	20.16	19.90	20.19	21.00
		1	5	20.40	19.86	20.37	21.00
		3	0	20.04	19.71	20.25	21.00
		3	2	20.19	19.93	20.12	21.00
		3	3	20.13	19.99	20.19	21.00
		6	0	20.11	19.93	19.66	20.50
	256QAM	1	0	17.59	17.04	17.61	18.50
		1	2	17.52	17.47	17.68	18.50
		1	5	17.81	17.54	17.64	18.50
		3	0	17.61	17.62	17.54	18.50
		3	2	17.66	17.52	17.76	18.50
		3	3	17.56	17.54	17.78	18.50
		6	0	17.56	17.47	17.62	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	20.28	19.93	20.18	21.00
		1	7	20.29	19.87	20.30	21.00
		1	14	20.28	19.95	20.24	21.00
		8	0	20.35	20.09	20.30	21.00
		8	4	20.28	20.02	20.29	21.00



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		8	7	20.38	20.10	20.28	21.00
		15	0	20.37	20.15	20.32	21.00
	16QAM	1	0	20.07	19.99	20.18	21.00
		1	7	20.17	20.01	20.31	21.00
		1	14	20.20	19.92	20.23	21.00
		8	0	20.15	20.02	20.18	21.00
		8	4	20.18	20.02	20.31	21.00
		8	7	20.22	20.00	20.09	21.00
		15	0	20.29	20.03	20.15	21.00
		1	0	20.02	19.93	20.19	21.00
	64QAM	1	7	20.22	20.07	20.39	21.00
		1	14	20.08	19.95	19.94	21.00
		8	0	19.73	19.51	19.79	20.50
		8	4	19.76	19.53	19.76	20.50
		8	7	19.70	19.50	19.73	20.50
		15	0	19.62	19.47	19.57	20.50
		1	0	17.87	17.45	17.62	18.50
		1	7	17.44	17.72	17.74	18.50
	256QAM	1	14	17.79	17.55	17.66	18.50
		8	0	17.69	17.47	17.74	18.50
		8	4	17.78	17.61	17.71	18.50
		8	7	17.64	17.57	17.73	18.50
		15	0	17.74	17.51	17.71	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	20.15	20.01	20.27	21.00
		1	13	20.36	20.03	20.21	21.00
		1	24	20.31	20.02	20.18	21.00
		12	0	20.27	20.10	20.30	21.00
		12	6	20.35	20.14	20.40	21.00
		12	13	20.24	20.13	20.24	21.00
		25	0	20.28	20.11	20.34	21.00
		1	0	19.94	19.89	20.18	21.00
	16QAM	1	13	20.26	20.11	20.18	21.00
		1	24	20.10	19.89	20.12	21.00
		12	0	20.12	20.00	20.19	21.00
		12	6	20.24	20.05	20.17	21.00
		12	13	20.17	20.01	20.23	21.00
		25	0	20.20	20.00	20.23	21.00



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	64QAM	1	0	20.48	19.88	20.29	21.00
		1	13	20.28	20.08	20.35	21.00
		1	24	20.07	19.89	20.06	21.00
		12	0	19.67	19.46	19.86	20.50
		12	6	19.33	19.41	19.51	20.50
		12	13	19.73	19.53	19.69	20.50
		25	0	19.67	19.38	19.59	20.50
	256QAM	1	0	17.65	17.25	17.49	18.50
		1	13	17.77	17.60	17.58	18.50
		1	24	17.63	17.21	17.68	18.50
		12	0	17.58	17.49	17.61	18.50
		12	6	17.78	17.51	17.71	18.50
		12	13	17.64	17.56	17.69	18.50
		25	0	17.67	17.52	17.76	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.26	20.06	20.07	21.00
		1	25	20.31	20.07	20.27	21.00
		1	49	20.15	20.04	20.20	21.00
		25	0	20.38	20.07	20.25	21.00
		25	13	20.33	20.15	20.27	21.00
		25	25	20.19	20.15	20.29	21.00
		50	0	20.27	20.10	20.30	21.00
	16QAM	1	0	20.04	19.68	20.19	21.00
		1	25	20.40	20.09	20.07	21.00
		1	49	20.26	19.67	20.27	21.00
		25	0	20.15	19.96	20.10	21.00
		25	13	20.15	20.01	19.99	21.00
		25	25	20.05	20.02	20.18	21.00
		50	0	20.16	19.96	20.19	21.00
	64QAM	1	0	20.09	20.29	20.26	21.00
		1	25	20.28	19.77	20.11	21.00
		1	49	20.35	19.97	20.08	21.00
		25	0	19.71	19.45	19.57	20.50
		25	13	19.65	19.46	19.49	20.50
		25	25	19.44	19.49	19.66	20.50
		50	0	19.61	19.55	19.66	20.50
	256QAM	1	0	17.44	17.55	17.46	18.50
		1	25	17.30	17.55	17.21	18.50



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		1	49	17.43	17.55	17.39	18.50
		25	0	17.64	17.30	17.62	18.50
		25	13	17.66	17.55	17.69	18.50
		25	25	17.64	17.54	17.72	18.50
		50	0	17.64	17.49	17.66	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.08	19.73	19.88	21.00
		1	38	20.08	19.89	20.02	21.00
		1	74	20.28	19.90	20.01	21.00
		36	0	20.16	19.92	20.04	21.00
		36	18	20.15	19.97	20.14	21.00
		36	39	20.03	19.95	20.19	21.00
		75	0	20.01	19.97	20.01	21.00
	16QAM	1	0	20.31	19.78	20.00	21.00
		1	38	19.91	19.66	20.03	21.00
		1	74	19.91	20.04	19.90	21.00
		36	0	19.97	19.76	19.81	21.00
		36	18	20.05	19.87	20.00	21.00
		36	39	19.86	19.76	20.06	21.00
		75	0	19.95	19.85	19.85	21.00
	64QAM	1	0	19.66	19.88	19.96	21.00
		1	38	20.14	19.81	19.97	21.00
		1	74	20.00	19.91	19.61	21.00
		36	0	19.41	19.40	19.35	20.50
		36	18	19.40	19.35	19.54	20.50
		36	39	19.42	19.43	19.57	20.50
		75	0	19.42	19.32	19.50	20.50
	256QAM	1	0	17.65	17.40	16.98	18.50
		1	38	17.40	17.26	17.39	18.50
		1	74	17.49	17.52	17.33	18.50
		36	0	17.61	17.40	17.13	18.50
		36	18	17.46	17.36	17.41	18.50
		36	39	17.44	17.32	17.52	18.50
		75	0	17.45	17.36	17.45	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.07	19.88	19.88	21.00
		1	50	20.14	19.83	20.04	21.00



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		1	99	19.95	19.95	20.12	21.00
		50	0	20.20	20.01	19.70	21.00
		50	25	20.00	20.03	20.14	21.00
		50	50	20.02	20.05	20.21	21.00
		100	0	20.03	19.95	20.11	21.00
	16QAM	1	0	19.97	19.81	19.81	21.00
		1	50	20.01	19.86	19.91	21.00
		1	99	19.67	19.73	19.87	21.00
		50	0	19.98	19.85	19.83	21.00
		50	25	19.95	19.84	19.91	21.00
		50	50	19.97	19.71	19.98	21.00
		100	0	19.92	19.94	19.91	21.00
	64QAM	1	0	20.02	20.03	20.03	21.00
		1	50	20.02	19.95	19.58	21.00
		1	99	19.75	19.77	20.05	21.00
		50	0	19.47	19.30	19.41	20.50
		50	25	19.47	19.30	19.48	20.50
		50	50	19.34	19.28	19.38	20.50
		100	0	19.47	19.38	19.36	20.50
	256QAM	1	0	17.49	17.07	17.56	18.50
		1	50	17.48	17.21	17.15	18.50
		1	99	17.57	17.45	17.46	18.50
		50	0	17.30	17.39	17.47	18.50
		50	25	17.37	17.35	17.42	18.50
		50	50	17.45	17.42	17.57	18.50
		100	0	17.41	17.35	17.59	18.50



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LTE Band 2 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.27	19.13	19.22	20.00
		1	2	19.40	19.17	19.24	20.00
		1	5	19.32	19.09	19.24	20.00
		3	0	19.42	19.11	19.27	20.00
		3	2	19.40	19.12	19.30	20.00
		3	3	19.38	19.10	19.24	20.00
		6	0	19.44	19.17	19.28	20.00
	16QAM	1	0	19.05	19.15	19.23	20.00
		1	2	19.70	19.38	19.45	20.00
		1	5	19.64	19.05	19.28	20.00
		3	0	19.46	19.18	19.38	20.00
		3	2	19.26	19.15	19.37	20.00
		3	3	19.43	19.24	19.30	20.00
		6	0	19.46	19.05	19.30	20.00
	64QAM	1	0	19.30	19.20	19.24	20.00
		1	2	19.35	19.18	19.33	20.00
		1	5	19.53	19.03	19.15	20.00
		3	0	19.42	19.17	19.21	20.00
		3	2	19.36	18.99	19.28	20.00
		3	3	19.44	19.17	19.16	20.00
		6	0	19.30	19.12	19.23	20.00
	256QAM	1	0	17.83	17.40	17.45	18.50
		1	2	17.60	17.41	17.71	18.50
		1	5	17.63	17.31	17.36	18.50
		3	0	17.69	17.48	17.70	18.50
		3	2	17.74	17.40	17.42	18.50
		3	3	17.80	17.51	17.78	18.50
		6	0	17.65	17.32	17.63	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	19.27	19.06	19.26	20.00
		1	7	19.33	19.07	19.29	20.00
		1	14	19.30	19.09	19.19	20.00
		8	0	19.37	19.14	19.30	20.00
		8	4	19.42	19.14	19.34	20.00



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		8	7	19.32	19.11	19.28	20.00
		15	0	19.50	19.10	19.41	20.00
	16QAM	1	0	19.15	19.20	19.21	20.00
		1	7	19.41	19.22	19.36	20.00
		1	14	19.40	19.09	19.15	20.00
		8	0	19.44	19.11	19.36	20.00
		8	4	19.43	19.16	18.92	20.00
		8	7	19.24	19.07	19.32	20.00
		15	0	19.44	19.15	19.36	20.00
		1	0	19.18	18.79	19.14	20.00
	64QAM	1	7	19.29	18.92	19.11	20.00
		1	14	19.30	19.04	19.14	20.00
		8	0	19.18	19.01	19.23	20.00
		8	4	19.27	19.03	19.22	20.00
		8	7	19.24	19.08	19.16	20.00
		15	0	19.26	19.04	19.24	20.00
		1	0	17.54	17.40	17.60	18.50
	256QAM	1	7	17.66	17.56	17.47	18.50
		1	14	17.67	17.80	17.76	18.50
		8	0	17.78	17.49	17.76	18.50
		8	4	17.70	17.60	17.78	18.50
		8	7	17.71	17.60	17.73	18.50
		15	0	17.71	17.50	17.83	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	19.03	19.06	19.11	20.00
		1	13	19.30	19.16	19.06	20.00
		1	24	19.25	19.08	19.05	20.00
		12	0	19.30	19.11	19.01	20.00
		12	6	19.37	19.11	19.12	20.00
		12	13	19.30	19.20	18.98	20.00
		25	0	19.33	19.08	19.06	20.00
	16QAM	1	0	19.39	19.06	19.30	20.00
		1	13	19.45	19.10	19.23	20.00
		1	24	19.39	19.06	19.33	20.00
		12	0	19.27	19.14	19.19	20.00
		12	6	19.34	19.19	19.25	20.00
		12	13	19.33	19.19	19.17	20.00
		25	0	19.28	19.16	19.25	20.00



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	64QAM	1	0	19.32	18.85	19.31	20.00
		1	13	19.29	19.18	19.19	20.00
		1	24	18.90	18.97	19.62	20.00
		12	0	19.20	19.03	19.22	20.00
		12	6	19.27	19.09	19.25	20.00
		12	13	19.29	19.02	19.27	20.00
		25	0	19.26	19.00	19.17	20.00
	256QAM	1	0	17.16	17.54	17.85	18.50
		1	13	17.73	17.64	17.78	18.50
		1	24	17.62	17.57	17.72	18.50
		12	0	17.59	17.58	17.72	18.50
		12	6	17.72	17.56	17.70	18.50
		12	13	17.74	17.55	17.63	18.50
		25	0	17.79	17.51	17.74	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	19.26	19.08	19.10	20.00
		1	25	19.32	19.10	19.28	20.00
		1	49	19.30	19.07	19.25	20.00
		25	0	19.41	19.10	19.30	20.00
		25	13	19.37	19.19	19.22	20.00
		25	25	19.32	19.12	19.33	20.00
		50	0	19.32	19.15	19.11	20.00
	16QAM	1	0	19.29	19.16	19.37	20.00
		1	25	19.29	19.04	19.16	20.00
		1	49	19.03	19.03	19.40	20.00
		25	0	19.41	19.19	19.20	20.00
		25	13	19.30	19.16	19.26	20.00
		25	25	19.30	19.17	19.31	20.00
		50	0	19.29	19.12	18.99	20.00
	64QAM	1	0	19.05	19.09	19.15	20.00
		1	25	19.07	19.16	19.22	20.00
		1	49	19.33	19.09	19.28	20.00
		25	0	19.16	19.06	19.05	20.00
		25	13	19.24	19.04	19.11	20.00
		25	25	19.19	19.12	19.17	20.00
		50	0	19.14	19.06	19.10	20.00
	256QAM	1	0	17.66	17.60	17.62	18.50
		1	25	17.68	17.59	17.59	18.50



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		1	49	17.61	17.26	17.68	18.50
		25	0	17.69	17.33	17.37	18.50
		25	13	17.67	17.52	17.67	18.50
		25	25	17.74	17.55	17.68	18.50
		50	0	17.71	17.59	17.62	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	19.12	18.77	18.97	20.00
		1	38	19.16	18.81	19.02	20.00
		1	74	19.15	18.95	18.99	20.00
		36	0	19.17	18.94	19.05	20.00
		36	18	19.16	19.01	19.15	20.00
		36	39	19.11	18.97	19.20	20.00
		75	0	19.13	19.00	19.04	20.00
	16QAM	1	0	19.39	18.97	19.01	20.00
		1	38	19.09	18.82	19.12	20.00
		1	74	18.77	19.05	19.06	20.00
		36	0	19.23	19.00	18.98	20.00
		36	18	19.24	19.01	19.10	20.00
		36	39	19.16	19.04	19.05	20.00
		75	0	19.09	18.95	18.98	20.00
	64QAM	1	0	19.04	18.68	18.95	20.00
		1	38	18.80	19.04	19.01	20.00
		1	74	18.95	18.85	19.20	20.00
		36	0	19.01	18.82	18.88	20.00
		36	18	19.03	18.86	18.96	20.00
		36	39	18.94	18.79	19.03	20.00
		75	0	18.86	18.83	18.95	20.00
	256QAM	1	0	17.41	17.26	17.36	18.50
		1	38	17.48	17.32	17.32	18.50
		1	74	17.40	17.81	17.48	18.50
		36	0	17.36	17.37	17.49	18.50
		36	18	17.52	17.34	17.50	18.50
		36	39	17.49	17.32	17.57	18.50
		75	0	17.46	17.42	17.50	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.05	18.91	18.86	20.00
		1	50	19.08	18.66	18.78	20.00



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		1	99	18.92	18.87	19.19	20.00
		50	0	19.20	19.01	19.02	20.00
		50	25	19.16	18.96	19.06	20.00
		50	50	19.09	18.97	19.22	20.00
		100	0	19.13	18.97	19.03	20.00
	16QAM	1	0	19.00	19.01	18.88	20.00
		1	50	19.34	18.57	18.75	20.00
		1	99	19.19	19.01	18.65	20.00
		50	0	19.34	19.00	18.94	20.00
		50	25	19.06	19.04	19.02	20.00
		50	50	19.07	18.93	19.19	20.00
		100	0	19.10	18.99	18.99	20.00
	64QAM	1	0	18.89	18.84	18.93	20.00
		1	50	18.86	18.84	19.05	20.00
		1	99	18.92	18.83	18.91	20.00
		50	0	19.04	18.88	18.94	20.00
		50	25	18.94	18.92	18.92	20.00
		50	50	18.92	18.89	19.02	20.00
		100	0	18.92	18.80	18.97	20.00
	256QAM	1	0	17.31	17.45	17.62	18.50
		1	50	17.37	17.28	17.10	18.50
		1	99	17.54	17.37	17.50	18.50
		50	0	17.15	17.07	17.43	18.50
		50	25	17.52	17.39	17.49	18.50
		50	50	17.41	17.36	17.53	18.50
		100	0	17.47	17.40	17.46	18.50



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LTE Band 4 DSI2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.35	22.62	22.52	24.00
		1	2	22.66	22.67	22.58	24.00
		1	5	22.78	22.70	22.57	24.00
		3	0	22.80	22.62	22.53	24.00
		3	2	22.77	22.64	22.57	24.00
		3	3	22.84	22.67	22.51	24.00
		6	0	21.77	21.77	21.72	23.00
	16QAM	1	0	21.48	21.79	21.97	23.00
		1	2	21.74	21.46	21.65	23.00
		1	5	21.90	21.85	21.74	23.00
		3	0	21.87	21.86	21.71	23.00
		3	2	21.89	21.88	21.71	23.00
		3	3	21.87	21.84	21.69	23.00
		6	0	20.76	20.76	20.73	22.00
	64QAM	1	0	20.90	20.64	20.43	22.00
		1	2	20.88	20.40	20.76	22.00
		1	5	20.93	20.83	20.78	22.00
		3	0	20.90	20.78	20.70	22.00
		3	2	20.88	20.83	20.77	22.00
		3	3	20.94	20.84	20.74	22.00
		6	0	19.81	19.79	19.71	21.00
	256QAM	1	0	17.72	17.77	17.70	19.00
		1	2	17.68	17.68	17.61	19.00
		1	5	18.40	17.91	17.75	19.00
		3	0	17.57	17.69	17.28	19.00
		3	2	17.69	17.76	17.75	19.00
		3	3	17.78	17.73	17.79	19.00
		6	0	17.69	17.81	17.73	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.30	22.62	22.54	24.00
		1	7	22.74	22.62	22.57	24.00
		1	14	22.78	22.67	22.58	24.00
		8	0	21.83	21.86	21.71	23.00
		8	4	21.77	21.84	21.73	23.00



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		8	7	21.80	21.73	21.74	23.00
		15	0	21.77	21.70	21.72	23.00
	16QAM	1	0	21.49	21.78	21.97	23.00
		1	7	21.77	21.47	21.65	23.00
		1	14	21.89	21.83	21.76	23.00
		8	0	20.88	20.78	20.66	22.00
		8	4	20.88	20.81	20.70	22.00
		8	7	20.75	20.74	20.84	22.00
		15	0	20.74	20.79	20.73	22.00
		1	0	20.84	20.69	20.46	22.00
	64QAM	1	7	20.89	20.39	20.73	22.00
		1	14	20.88	20.79	20.71	22.00
		8	0	19.84	19.84	19.73	21.00
		8	4	19.69	19.81	19.67	21.00
		8	7	19.80	19.72	19.78	21.00
		15	0	19.80	19.82	19.71	21.00
		1	0	17.72	17.75	17.67	19.00
	256QAM	1	7	17.67	17.67	17.65	19.00
		1	14	18.37	17.94	17.70	19.00
		8	0	17.52	17.68	17.33	19.00
		8	4	17.75	17.75	17.75	19.00
		8	7	17.79	17.69	17.81	19.00
		15	0	17.76	17.83	17.73	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.31	22.63	22.52	24.00
		1	13	22.69	22.70	22.56	24.00
		1	24	22.79	22.62	22.57	24.00
		12	0	21.84	21.86	21.70	23.00
		12	6	21.78	21.88	21.72	23.00
		12	13	21.75	21.72	21.75	23.00
		25	0	21.79	21.77	21.75	23.00
	16QAM	1	0	21.47	21.77	21.93	23.00
		1	13	21.77	21.48	21.60	23.00
		1	24	21.84	21.81	21.70	23.00
		12	0	20.85	20.77	20.61	22.00
		12	6	20.86	20.78	20.71	22.00
		12	13	20.77	20.72	20.79	22.00
		25	0	20.72	20.77	20.73	22.00



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	64QAM	1	0	20.83	20.70	20.47	22.00
		1	13	20.85	20.44	20.70	22.00
		1	24	20.86	20.82	20.73	22.00
		12	0	19.76	19.80	19.70	21.00
		12	6	19.70	19.82	19.65	21.00
		12	13	19.81	19.75	19.84	21.00
		25	0	19.86	19.84	19.75	21.00
	256QAM	1	0	17.69	17.77	17.69	19.00
		1	13	17.67	17.71	17.59	19.00
		1	24	18.35	17.92	17.72	19.00
		12	0	17.54	17.70	17.31	19.00
		12	6	17.73	17.72	17.76	19.00
		12	13	17.76	17.75	17.83	19.00
		25	0	17.69	17.78	17.73	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.32	22.67	22.53	24.00
		1	25	22.74	22.70	22.57	24.00
		1	49	22.83	22.62	22.50	24.00
		25	0	21.82	21.86	21.74	23.00
		25	13	21.78	21.83	21.75	23.00
		25	25	21.75	21.75	21.76	23.00
		50	0	21.80	21.73	21.78	23.00
	16QAM	1	0	21.50	21.74	21.90	23.00
		1	25	21.80	21.45	21.62	23.00
		1	49	21.88	21.86	21.73	23.00
		25	0	20.83	20.76	20.68	22.00
		25	13	20.87	20.78	20.68	22.00
		25	25	20.76	20.68	20.80	22.00
		50	0	20.72	20.75	20.70	22.00
	64QAM	1	0	20.88	20.70	20.41	22.00
		1	25	20.84	20.44	20.74	22.00
		1	49	20.90	20.77	20.75	22.00
		25	0	19.84	19.79	19.71	21.00
		25	13	19.67	19.87	19.68	21.00
		25	25	19.86	19.74	19.79	21.00
		50	0	19.80	19.84	19.68	21.00
	256QAM	1	0	17.73	17.76	17.68	19.00
		1	25	17.71	17.72	17.64	19.00



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		1	49	18.35	17.94	17.72	19.00
		25	0	17.52	17.70	17.35	19.00
		25	13	17.74	17.75	17.74	19.00
		25	25	17.79	17.73	17.81	19.00
		50	0	17.69	17.81	17.68	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.28	22.60	22.50	24.00
		1	38	22.69	22.68	22.55	24.00
		1	74	22.81	22.70	22.50	24.00
		36	0	21.82	21.86	21.70	23.00
		36	18	21.80	21.82	21.73	23.00
		36	39	21.77	21.80	21.72	23.00
		75	0	21.83	21.77	21.78	23.00
	16QAM	1	0	21.51	21.76	21.96	23.00
		1	38	21.80	21.49	21.58	23.00
		1	74	21.91	21.87	21.74	23.00
		36	0	20.85	20.81	20.64	22.00
		36	18	20.87	20.80	20.72	22.00
		36	39	20.76	20.74	20.80	22.00
		75	0	20.70	20.78	20.71	22.00
	64QAM	1	0	20.86	20.66	20.40	22.00
		1	38	20.92	20.46	20.75	22.00
		1	74	20.87	20.82	20.70	22.00
		36	0	19.76	19.83	19.68	21.00
		36	18	19.71	19.80	19.68	21.00
		36	39	19.82	19.75	19.81	21.00
		75	0	19.86	19.76	19.69	21.00
	256QAM	1	0	17.75	17.72	17.63	19.00
		1	38	17.65	17.70	17.60	19.00
		1	74	18.39	17.93	17.71	19.00
		36	0	17.55	17.74	17.33	19.00
		36	18	17.68	17.77	17.78	19.00
		36	39	17.75	17.73	17.81	19.00
		75	0	17.69	17.75	17.68	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.36	22.69	22.59	24.00
		1	50	22.75	22.71	22.63	24.00



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		1	99	22.86	22.71	22.59	24.00
		50	0	21.85	21.87	21.76	23.00
		50	25	21.82	21.91	21.80	23.00
		50	50	21.84	21.81	21.81	23.00
		100	0	21.86	21.78	21.81	23.00
	16QAM	1	0	21.56	21.82	21.98	23.00
		1	50	21.81	21.52	21.67	23.00
		1	99	21.93	21.89	21.77	23.00
		50	0	20.90	20.82	20.70	22.00
		50	25	20.92	20.84	20.76	22.00
		50	50	20.84	20.76	20.88	22.00
		100	0	20.78	20.83	20.79	22.00
	64QAM	1	0	20.92	20.72	20.49	22.00
		1	50	20.93	20.47	20.77	22.00
		1	99	20.95	20.86	20.79	22.00
		50	0	19.85	19.86	19.77	21.00
		50	25	19.76	19.89	19.73	21.00
		50	50	19.88	19.79	19.85	21.00
		100	0	19.88	19.85	19.77	21.00
	256QAM	1	0	17.77	17.79	17.71	19.00
		1	50	17.72	17.73	17.68	19.00
		1	99	18.43	18.00	17.79	19.00
		50	0	17.58	17.76	17.37	19.00
		50	25	17.76	17.81	17.81	19.00
		50	50	17.81	17.78	17.84	19.00
		100	0	17.77	17.84	17.76	19.00



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LTE Band 4 DS14/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.58	20.63	20.67	22.00
		1	2	20.69	20.62	20.63	22.00
		1	5	20.70	20.72	20.76	22.00
		3	0	20.81	20.56	20.74	22.00
		3	2	20.76	20.85	20.71	22.00
		3	3	20.82	20.72	20.75	22.00
		6	0	20.74	20.79	20.71	22.00
	16QAM	1	0	20.62	20.64	20.54	22.00
		1	2	20.84	20.72	20.72	22.00
		1	5	20.74	20.75	20.81	22.00
		3	0	20.76	20.79	20.65	22.00
		3	2	20.66	20.86	20.77	22.00
		3	3	20.85	20.89	20.78	22.00
		6	0	20.76	20.81	20.76	22.00
	64QAM	1	0	20.55	20.51	20.73	22.00
		1	2	20.78	20.70	20.62	22.00
		1	5	20.91	20.78	20.75	22.00
		3	0	20.85	20.84	20.77	22.00
		3	2	20.90	20.81	20.78	22.00
		3	3	20.91	20.82	20.76	22.00
		6	0	19.78	19.79	19.72	21.00
	256QAM	1	0	17.72	17.60	17.75	19.00
		1	2	17.76	17.61	17.45	19.00
		1	5	18.29	17.85	17.54	19.00
		3	0	17.77	17.61	17.62	19.00
		3	2	17.70	17.73	17.81	19.00
		3	3	17.86	17.79	17.84	19.00
		6	0	17.77	17.75	17.64	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.62	20.64	20.67	22.00
		1	7	20.63	20.58	20.61	22.00
		1	14	20.69	20.77	20.79	22.00
		8	0	20.83	20.56	20.78	22.00
		8	4	20.80	20.84	20.66	22.00



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		8	7	20.80	20.71	20.77	22.00
		15	0	20.76	20.76	20.68	22.00
	16QAM	1	0	20.66	20.63	20.54	22.00
		1	7	20.79	20.72	20.67	22.00
		1	14	20.76	20.75	20.83	22.00
		8	0	20.72	20.85	20.70	22.00
		8	4	20.70	20.84	20.78	22.00
		8	7	20.83	20.88	20.75	22.00
		15	0	20.79	20.81	20.76	22.00
	64QAM	1	0	20.50	20.54	20.72	22.00
		1	7	20.79	20.67	20.65	22.00
		1	14	20.87	20.79	20.78	22.00
		8	0	19.83	19.78	19.58	21.00
		8	4	19.81	19.68	19.69	21.00
		8	7	19.76	19.74	19.79	21.00
		15	0	19.80	19.78	19.74	21.00
	256QAM	1	0	17.77	17.65	17.74	19.00
		1	7	17.75	17.61	17.42	19.00
		1	14	18.35	17.83	17.53	19.00
		8	0	17.72	17.62	17.63	19.00
		8	4	17.71	17.76	17.76	19.00
		8	7	17.87	17.80	17.79	19.00
		15	0	17.74	17.80	17.66	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.63	20.68	20.64	22.00
		1	13	20.69	20.57	20.67	22.00
		1	24	20.68	20.72	20.80	22.00
		12	0	20.76	20.59	20.72	22.00
		12	6	20.82	20.80	20.68	22.00
		12	13	20.83	20.74	20.80	22.00
		25	0	20.75	20.82	20.68	22.00
	16QAM	1	0	20.66	20.62	20.54	22.00
		1	13	20.80	20.69	20.72	22.00
		1	24	20.78	20.79	20.77	22.00
		12	0	20.78	20.77	20.65	22.00
		12	6	20.64	20.85	20.74	22.00
		12	13	20.87	20.87	20.71	22.00
		25	0	20.74	20.86	20.73	22.00



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	64QAM	1	0	20.55	20.47	20.72	22.00
		1	13	20.73	20.68	20.67	22.00
		1	24	20.91	20.85	20.79	22.00
		12	0	19.84	19.79	19.56	21.00
		12	6	19.75	19.69	19.71	21.00
		12	13	19.78	19.75	19.82	21.00
		25	0	19.81	19.77	19.67	21.00
	256QAM	1	0	17.74	17.65	17.72	19.00
		1	13	17.69	17.56	17.42	19.00
		1	24	18.35	17.86	17.53	19.00
		12	0	17.74	17.62	17.59	19.00
		12	6	17.73	17.80	17.76	19.00
		12	13	17.85	17.83	17.85	19.00
		25	0	17.80	17.79	17.63	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.62	20.66	20.64	22.00
		1	25	20.64	20.57	20.64	22.00
		1	49	20.67	20.75	20.74	22.00
		25	0	20.78	20.62	20.74	22.00
		25	13	20.74	20.85	20.67	22.00
		25	25	20.77	20.68	20.79	22.00
		50	0	20.77	20.83	20.75	22.00
	16QAM	1	0	20.66	20.61	20.51	22.00
		1	25	20.79	20.65	20.75	22.00
		1	49	20.74	20.77	20.84	22.00
		25	0	20.73	20.85	20.67	22.00
		25	13	20.68	20.86	20.77	22.00
		25	25	20.87	20.83	20.76	22.00
		50	0	20.72	20.79	20.76	22.00
	64QAM	1	0	20.55	20.51	20.76	22.00
		1	25	20.80	20.64	20.68	22.00
		1	49	20.87	20.84	20.76	22.00
		25	0	19.82	19.77	19.59	21.00
		25	13	19.78	19.66	19.67	21.00
		25	25	19.77	19.79	19.82	21.00
		50	0	19.83	19.78	19.68	21.00
	256QAM	1	0	17.70	17.62	17.76	19.00
		1	25	17.75	17.61	17.40	19.00



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		1	49	18.29	17.80	17.52	19.00
		25	0	17.75	17.62	17.60	19.00
		25	13	17.72	17.81	17.76	19.00
		25	25	17.84	17.84	17.79	19.00
		50	0	17.80	17.80	17.63	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.62	20.63	20.60	22.00
		1	38	20.62	20.60	20.63	22.00
		1	74	20.75	20.72	20.76	22.00
		36	0	20.78	20.63	20.74	22.00
		36	18	20.79	20.82	20.71	22.00
		36	39	20.81	20.72	20.83	22.00
		75	0	20.81	20.78	20.70	22.00
	16QAM	1	0	20.67	20.58	20.59	22.00
		1	38	20.78	20.71	20.75	22.00
		1	74	20.74	20.77	20.84	22.00
		36	0	20.75	20.80	20.66	22.00
		36	18	20.63	20.81	20.71	22.00
		36	39	20.85	20.82	20.74	22.00
		75	0	20.74	20.79	20.74	22.00
	64QAM	1	0	20.55	20.48	20.75	22.00
		1	38	20.78	20.71	20.67	22.00
		1	74	20.92	20.81	20.76	22.00
		36	0	19.83	19.73	19.55	21.00
		36	18	19.73	19.69	19.74	21.00
		36	39	19.76	19.81	19.84	21.00
		75	0	19.78	19.80	19.68	21.00
	256QAM	1	0	17.70	17.66	17.76	19.00
		1	38	17.76	17.61	17.39	19.00
		1	74	18.35	17.83	17.52	19.00
		36	0	17.76	17.66	17.65	19.00
		36	18	17.70	17.80	17.76	19.00
		36	39	17.82	17.82	17.84	19.00
		75	0	17.73	17.74	17.61	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.67	20.69	20.69	22.00
		1	50	20.71	20.64	20.68	22.00



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		1	99	20.76	20.79	20.81	22.00
		50	0	20.84	20.64	20.80	22.00
		50	25	20.83	20.86	20.74	22.00
		50	50	20.85	20.77	20.84	22.00
		100	0	20.82	20.84	20.77	22.00
	16QAM	1	0	20.70	20.66	20.60	22.00
		1	50	20.86	20.73	20.76	22.00
		1	99	20.83	20.80	20.85	22.00
		50	0	20.81	20.86	20.74	22.00
		50	25	20.72	20.88	20.80	22.00
		50	50	20.90	20.90	20.80	22.00
		100	0	20.80	20.87	20.80	22.00
	64QAM	1	0	20.56	20.55	20.78	22.00
		1	50	20.81	20.73	20.69	22.00
		1	99	20.93	20.87	20.80	22.00
		50	0	19.86	19.81	19.60	21.00
		50	25	19.82	19.74	19.76	21.00
		50	50	19.82	19.82	19.85	21.00
		100	0	19.86	19.84	19.76	21.00
	256QAM	1	0	17.79	17.69	17.81	19.00
		1	50	17.77	17.62	17.48	19.00
		1	99	18.36	17.89	17.60	19.00
		50	0	17.79	17.67	17.66	19.00
		50	25	17.78	17.82	17.82	19.00
		50	50	17.88	17.86	17.86	19.00
		100	0	17.82	17.81	17.68	19.00



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LTE Band 4 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.32	19.15	19.17	20.50
		1	2	19.25	19.15	19.17	20.50
		1	5	19.43	19.37	19.22	20.50
		3	0	19.39	19.20	19.17	20.50
		3	2	19.35	19.35	19.24	20.50
		3	3	19.34	19.30	19.25	20.50
		6	0	19.13	19.36	19.28	20.50
	16QAM	1	0	19.21	19.28	19.08	20.50
		1	2	19.29	19.22	19.19	20.50
		1	5	19.45	19.31	19.11	20.50
		3	0	19.22	19.25	19.22	20.50
		3	2	19.24	19.19	19.26	20.50
		3	3	19.23	19.26	19.22	20.50
		6	0	19.17	19.24	19.26	20.50
	64QAM	1	0	19.08	19.04	19.09	20.50
		1	2	19.14	19.12	19.16	20.50
		1	5	19.27	19.44	18.78	20.50
		3	0	19.23	19.21	19.19	20.50
		3	2	19.15	19.30	19.16	20.50
		3	3	19.25	19.22	19.22	20.50
		6	0	19.20	19.24	19.22	20.50
	256QAM	1	0	17.73	17.61	17.49	19.00
		1	2	17.62	17.49	17.49	19.00
		1	5	17.90	17.75	17.57	19.00
		3	0	17.52	17.75	17.81	19.00
		3	2	17.67	17.81	17.66	19.00
		3	3	17.69	17.74	17.71	19.00
		6	0	17.64	17.82	17.71	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	19.30	19.23	19.19	20.50
		1	7	19.27	19.16	19.15	20.50
		1	14	19.39	19.34	19.19	20.50
		8	0	19.32	19.25	19.19	20.50
		8	4	19.38	19.39	19.26	20.50



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		8	7	19.37	19.31	19.29	20.50
		15	0	19.19	19.34	19.34	20.50
	16QAM	1	0	19.15	19.29	19.03	20.50
		1	7	19.30	19.25	19.18	20.50
		1	14	19.41	19.31	19.10	20.50
		8	0	19.22	19.26	19.19	20.50
		8	4	19.24	19.21	19.28	20.50
		8	7	19.18	19.25	19.24	20.50
		15	0	19.19	19.23	19.20	20.50
		1	0	19.02	19.04	19.12	20.50
	64QAM	1	7	19.11	19.09	19.17	20.50
		1	14	19.28	19.43	18.83	20.50
		8	0	19.16	19.22	19.24	20.50
		8	4	19.17	19.29	19.16	20.50
		8	7	19.20	19.19	19.20	20.50
		15	0	19.25	19.28	19.21	20.50
		1	0	17.78	17.59	17.55	19.00
	256QAM	1	7	17.68	17.49	17.45	19.00
		1	14	17.91	17.73	17.62	19.00
		8	0	17.52	17.77	17.74	19.00
		8	4	17.68	17.82	17.74	19.00
		8	7	17.69	17.71	17.78	19.00
		15	0	17.70	17.77	17.68	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.29	19.21	19.16	20.50
		1	13	19.27	19.18	19.15	20.50
		1	24	19.37	19.37	19.21	20.50
		12	0	19.35	19.18	19.22	20.50
		12	6	19.36	19.41	19.24	20.50
		12	13	19.37	19.30	19.31	20.50
		25	0	19.17	19.37	19.34	20.50
	16QAM	1	0	19.15	19.24	19.08	20.50
		1	13	19.33	19.24	19.21	20.50
		1	24	19.42	19.25	19.10	20.50
		12	0	19.22	19.32	19.21	20.50
		12	6	19.22	19.17	19.21	20.50
		12	13	19.22	19.26	19.29	20.50
		25	0	19.15	19.17	19.27	20.50



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		1	0	19.07	19.03	19.05	20.50
		1	13	19.11	19.14	19.14	20.50
		1	24	19.28	19.44	18.79	20.50
	64QAM	12	0	19.17	19.20	19.21	20.50
		12	6	19.16	19.22	19.19	20.50
		12	13	19.22	19.18	19.21	20.50
		25	0	19.23	19.26	19.18	20.50
		1	0	17.71	17.63	17.49	19.00
		1	13	17.63	17.51	17.42	19.00
		1	24	17.87	17.73	17.56	19.00
	256QAM	12	0	17.52	17.76	17.76	19.00
		12	6	17.67	17.76	17.69	19.00
		12	13	17.70	17.72	17.71	19.00
		25	0	17.65	17.78	17.71	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.30	19.22	19.13	20.50
		1	25	19.26	19.18	19.15	20.50
		1	49	19.41	19.34	19.22	20.50
		25	0	19.38	19.18	19.22	20.50
		25	13	19.35	19.37	19.23	20.50
		25	25	19.34	19.27	19.28	20.50
		50	0	19.19	19.36	19.34	20.50
	16QAM	1	0	19.21	19.25	19.04	20.50
		1	25	19.31	19.21	19.15	20.50
		1	49	19.46	19.32	19.11	20.50
		25	0	19.18	19.25	19.16	20.50
		25	13	19.22	19.21	19.20	20.50
		25	25	19.16	19.19	19.24	20.50
		50	0	19.19	19.22	19.23	20.50
	64QAM	1	0	19.03	19.03	19.04	20.50
		1	25	19.12	19.06	19.19	20.50
		1	49	19.31	19.44	18.84	20.50
		25	0	19.20	19.26	19.20	20.50
		25	13	19.16	19.30	19.24	20.50
		25	25	19.17	19.19	19.22	20.50
		50	0	19.23	19.29	19.16	20.50
	256QAM	1	0	17.75	17.56	17.57	19.00
		1	25	17.61	17.49	17.47	19.00



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		1	49	17.89	17.70	17.59	19.00
		25	0	17.52	17.71	17.82	19.00
		25	13	17.69	17.77	17.66	19.00
		25	25	17.76	17.67	17.79	19.00
		50	0	17.67	17.82	17.71	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.30	19.15	19.19	20.50
		1	38	19.25	19.21	19.19	20.50
		1	74	19.38	19.36	19.23	20.50
		36	0	19.33	19.26	19.21	20.50
		36	18	19.39	19.35	19.24	20.50
		36	39	19.32	19.26	19.29	20.50
		75	0	19.16	19.33	19.32	20.50
	16QAM	1	0	19.14	19.27	19.04	20.50
		1	38	19.34	19.17	19.18	20.50
		1	74	19.40	19.29	19.08	20.50
		36	0	19.21	19.29	19.14	20.50
		36	18	19.21	19.21	19.26	20.50
		36	39	19.19	19.23	19.26	20.50
		75	0	19.22	19.23	19.20	20.50
	64QAM	1	0	19.07	19.03	19.07	20.50
		1	38	19.07	19.08	19.19	20.50
		1	74	19.31	19.38	18.80	20.50
		36	0	19.17	19.21	19.19	20.50
		36	18	19.17	19.29	19.24	20.50
		36	39	19.25	19.21	19.23	20.50
		75	0	19.23	19.29	19.20	20.50
	256QAM	1	0	17.78	17.61	17.56	19.00
		1	38	17.64	17.47	17.49	19.00
		1	74	17.87	17.68	17.56	19.00
		36	0	17.51	17.76	17.79	19.00
		36	18	17.72	17.80	17.70	19.00
		36	39	17.70	17.69	17.71	19.00
		75	0	17.70	17.77	17.66	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.36	19.24	19.22	20.50
		1	50	19.30	19.24	19.20	20.50



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		1	99	19.45	19.40	19.24	20.50
		50	0	19.40	19.27	19.26	20.50
		50	25	19.41	19.42	19.31	20.50
		50	50	19.38	19.33	19.33	20.50
		100	0	19.21	19.39	19.35	20.50
	16QAM	1	0	19.23	19.31	19.10	20.50
		1	50	19.38	19.26	19.23	20.50
		1	99	19.49	19.34	19.16	20.50
		50	0	19.23	19.33	19.23	20.50
		50	25	19.27	19.26	19.29	20.50
		50	50	19.24	19.28	19.31	20.50
		100	0	19.24	19.26	19.29	20.50
	64QAM	1	0	19.11	19.09	19.13	20.50
		1	50	19.15	19.15	19.22	20.50
		1	99	19.34	19.45	18.87	20.50
		50	0	19.25	19.27	19.26	20.50
		50	25	19.24	19.31	19.25	20.50
		50	50	19.26	19.24	19.26	20.50
		100	0	19.29	19.30	19.25	20.50
	256QAM	1	0	17.79	17.64	17.58	19.00
		1	50	17.70	17.55	17.51	19.00
		1	99	17.96	17.76	17.64	19.00
		50	0	17.58	17.78	17.83	19.00
		50	25	17.76	17.83	17.75	19.00
		50	50	17.77	17.75	17.80	19.00
		100	0	17.71	17.83	17.74	19.00



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LTE Band 5 DS12/3/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.32	23.29	23.28	25.00
		1	2	23.42	23.55	23.32	25.00
		1	5	23.37	23.56	23.26	25.00
		3	0	23.34	23.59	23.33	25.00
		3	2	23.34	23.57	23.29	25.00
		3	3	23.38	23.64	23.27	25.00
		6	0	22.60	22.62	22.70	24.00
	16QAM	1	0	22.79	22.15	22.03	24.00
		1	2	22.54	22.41	22.42	24.00
		1	5	22.38	22.27	22.58	24.00
		3	0	22.36	22.28	22.62	24.00
		3	2	22.35	22.31	22.58	24.00
		3	3	22.34	22.30	22.62	24.00
		6	0	21.56	21.37	21.50	23.00
	64QAM	1	0	22.42	21.53	21.42	23.00
		1	2	22.68	21.44	21.78	23.00
		1	5	22.41	21.38	21.40	23.00
		3	0	22.48	21.35	21.39	23.00
		3	2	22.46	21.36	21.44	23.00
		3	3	22.46	21.41	21.42	23.00
		6	0	21.53	20.39	20.34	22.00
	256QAM	1	0	18.66	18.35	18.58	20.00
		1	2	18.57	18.69	18.62	20.00
		1	5	18.78	18.70	18.52	20.00
		3	0	18.47	18.61	18.30	20.00
		3	2	18.52	18.65	18.62	20.00
		3	3	18.56	18.71	18.69	20.00
		6	0	18.56	18.70	18.61	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.31	23.30	23.23	25.00
		1	7	23.45	23.58	23.29	25.00
		1	14	23.33	23.63	23.33	25.00
		8	0	22.33	22.40	22.60	24.00
		8	4	22.59	22.25	22.28	24.00



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		8	7	22.56	22.64	22.62	24.00
		15	0	22.64	22.62	22.65	24.00
	16QAM	1	0	22.71	22.17	22.03	24.00
		1	7	22.54	22.39	22.37	24.00
		1	14	22.37	22.32	22.57	24.00
		8	0	21.50	21.35	21.42	23.00
		8	4	21.51	21.48	21.69	23.00
		8	7	21.73	21.55	21.69	23.00
		15	0	21.56	21.39	21.48	23.00
		1	0	22.38	21.59	21.36	23.00
	64QAM	1	7	22.62	21.49	21.81	23.00
		1	14	22.43	21.43	21.44	23.00
		8	0	21.55	20.23	20.53	22.00
		8	4	21.21	20.53	20.48	22.00
		8	7	21.51	20.57	20.68	22.00
		15	0	21.50	20.39	20.30	22.00
		1	0	18.63	18.39	18.55	20.00
	256QAM	1	7	18.55	18.67	18.56	20.00
		1	14	18.74	18.68	18.55	20.00
		8	0	18.53	18.61	18.29	20.00
		8	4	18.54	18.65	18.61	20.00
		8	7	18.63	18.73	18.69	20.00
		15	0	18.60	18.71	18.64	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.26	23.32	23.24	25.00
		1	13	23.46	23.62	23.28	25.00
		1	24	23.30	23.63	23.34	25.00
		12	0	22.31	22.41	22.63	24.00
		12	6	22.59	22.27	22.26	24.00
		12	13	22.55	22.62	22.68	24.00
		25	0	22.61	22.57	22.67	24.00
	16QAM	1	0	22.71	22.17	22.02	24.00
		1	13	22.54	22.41	22.43	24.00
		1	24	22.33	22.29	22.61	24.00
		12	0	21.53	21.35	21.48	23.00
		12	6	21.52	21.51	21.65	23.00
		12	13	21.74	21.51	21.67	23.00
		25	0	21.59	21.37	21.50	23.00



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		1	0	22.44	21.59	21.40	23.00
		1	13	22.66	21.43	21.80	23.00
		1	24	22.42	21.40	21.43	23.00
	64QAM	12	0	21.60	20.19	20.55	22.00
		12	6	21.22	20.49	20.49	22.00
		12	13	21.53	20.56	20.75	22.00
		25	0	21.53	20.39	20.29	22.00
		1	0	18.61	18.36	18.56	20.00
		1	13	18.49	18.68	18.57	20.00
		1	24	18.74	18.72	18.54	20.00
	256QAM	12	0	18.50	18.62	18.33	20.00
		12	6	18.53	18.62	18.65	20.00
		12	13	18.56	18.68	18.69	20.00
		25	0	18.59	18.64	18.65	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.33	23.34	23.31	25.00
		1	25	23.48	23.64	23.35	25.00
		1	49	23.39	23.65	23.35	25.00
		25	0	22.40	22.49	22.65	24.00
		25	13	22.68	22.29	22.31	24.00
		25	25	22.61	22.67	22.69	24.00
		50	0	22.67	22.63	22.71	24.00
	16QAM	1	0	22.80	22.19	22.05	24.00
		1	25	22.57	22.43	22.45	24.00
		1	49	22.39	22.36	22.63	24.00
		25	0	21.58	21.41	21.50	23.00
		25	13	21.54	21.55	21.74	23.00
		25	25	21.76	21.58	21.71	23.00
		50	0	21.62	21.43	21.52	23.00
	64QAM	1	0	22.47	21.60	21.44	23.00
		1	25	22.71	21.51	21.87	23.00
		1	49	22.50	21.44	21.46	23.00
		25	0	21.64	20.27	20.60	22.00
		25	13	21.30	20.58	20.51	22.00
		25	25	21.58	20.62	20.76	22.00
		50	0	21.57	20.43	20.38	22.00
	256QAM	1	0	18.70	18.40	18.60	20.00
		1	25	18.58	18.75	18.63	20.00



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		1	49	18.80	18.73	18.60	20.00
		25	0	18.54	18.64	18.34	20.00
		25	13	18.58	18.71	18.68	20.00
		25	25	18.64	18.74	18.70	20.00
		50	0	18.62	18.72	18.70	20.00



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LTE Band 5 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.48	22.39	22.32	24.00
		1	2	22.51	22.47	22.48	24.00
		1	5	22.28	22.50	22.48	24.00
		3	0	22.56	22.58	22.64	24.00
		3	2	22.86	22.60	22.62	24.00
		3	3	22.44	22.65	22.63	24.00
		6	0	22.61	22.56	22.57	24.00
	16QAM	1	0	22.15	22.54	22.49	24.00
		1	2	22.68	22.50	22.60	24.00
		1	5	22.27	22.41	22.55	24.00
		3	0	22.28	22.39	22.51	24.00
		3	2	22.26	22.44	22.52	24.00
		3	3	22.25	22.42	22.56	24.00
		6	0	21.59	21.39	21.63	23.00
	64QAM	1	0	22.33	21.48	21.28	23.00
		1	2	22.20	21.60	21.42	23.00
		1	5	22.41	21.66	21.62	23.00
		3	0	22.42	21.65	21.63	23.00
		3	2	22.39	21.64	21.58	23.00
		3	3	22.41	21.59	21.59	23.00
		6	0	21.50	20.47	20.62	22.00
	256QAM	1	0	18.54	18.55	18.47	20.00
		1	2	18.65	18.67	18.75	20.00
		1	5	18.47	18.64	18.52	20.00
		3	0	18.39	18.50	18.69	20.00
		3	2	18.52	18.54	18.62	20.00
		3	3	18.58	18.63	18.66	20.00
		6	0	18.65	18.54	18.70	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	22.51	22.40	22.35	24.00
		1	7	22.50	22.47	22.47	24.00
		1	14	22.26	22.55	22.44	24.00
		8	0	22.57	22.64	22.66	24.00
		8	4	22.88	22.59	22.63	24.00



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		8	7	22.41	22.63	22.68	24.00
		15	0	22.60	22.51	22.60	24.00
	16QAM	1	0	22.10	22.53	22.55	24.00
		1	7	22.69	22.46	22.59	24.00
		1	14	22.30	22.38	22.54	24.00
		8	0	21.38	21.30	21.64	23.00
		8	4	21.74	21.58	21.63	23.00
		8	7	21.48	21.55	21.71	23.00
		15	0	21.63	21.47	21.66	23.00
		1	0	22.33	21.50	21.31	23.00
	64QAM	1	7	22.18	21.66	21.42	23.00
		1	14	22.41	21.66	21.65	23.00
		8	0	21.47	20.41	20.38	22.00
		8	4	21.49	20.43	20.62	22.00
		8	7	21.60	20.61	20.74	22.00
		15	0	21.48	20.39	20.65	22.00
		1	0	18.54	18.56	18.51	20.00
	256QAM	1	7	18.63	18.64	18.69	20.00
		1	14	18.48	18.65	18.56	20.00
		8	0	18.35	18.54	18.69	20.00
		8	4	18.57	18.60	18.60	20.00
		8	7	18.62	18.70	18.64	20.00
		15	0	18.58	18.53	18.71	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	22.53	22.43	22.30	24.00
		1	13	22.49	22.46	22.46	24.00
		1	24	22.27	22.51	22.46	24.00
		12	0	22.56	22.62	22.61	24.00
		12	6	22.88	22.55	22.64	24.00
		12	13	22.48	22.69	22.68	24.00
		25	0	22.58	22.52	22.59	24.00
	16QAM	1	0	22.10	22.53	22.54	24.00
		1	13	22.66	22.46	22.61	24.00
		1	24	22.27	22.39	22.54	24.00
		12	0	21.46	21.33	21.58	23.00
		12	6	21.71	21.54	21.68	23.00
		12	13	21.46	21.59	21.66	23.00
		25	0	21.62	21.41	21.64	23.00



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	64QAM	1	0	22.40	21.55	21.27	23.00
		1	13	22.17	21.67	21.45	23.00
		1	24	22.39	21.61	21.59	23.00
		12	0	21.52	20.43	20.44	22.00
		12	6	21.46	20.46	20.60	22.00
		12	13	21.59	20.61	20.66	22.00
		25	0	21.52	20.40	20.60	22.00
	256QAM	1	0	18.49	18.52	18.48	20.00
		1	13	18.70	18.65	18.69	20.00
		1	24	18.47	18.65	18.52	20.00
		12	0	18.31	18.58	18.62	20.00
		12	6	18.56	18.55	18.55	20.00
		12	13	18.65	18.64	18.61	20.00
		25	0	18.65	18.56	18.66	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	22.54	22.47	22.38	24.00
		1	25	22.53	22.54	22.55	24.00
		1	49	22.30	22.57	22.52	24.00
		25	0	22.60	22.66	22.67	24.00
		25	13	22.94	22.64	22.69	24.00
		25	25	22.49	22.72	22.72	24.00
		50	0	22.63	22.59	22.61	24.00
	16QAM	1	0	22.18	22.58	22.57	24.00
		1	25	22.74	22.51	22.65	24.00
		1	49	22.33	22.45	22.57	24.00
		25	0	21.47	21.38	21.67	23.00
		25	13	21.76	21.61	21.69	23.00
		25	25	21.52	21.61	21.74	23.00
		50	0	21.65	21.48	21.72	23.00
	64QAM	1	0	22.41	21.57	21.34	23.00
		1	25	22.25	21.69	21.49	23.00
		1	49	22.43	21.67	21.66	23.00
		25	0	21.55	20.49	20.47	22.00
		25	13	21.52	20.51	20.66	22.00
		25	25	21.61	20.68	20.75	22.00
		50	0	21.56	20.48	20.69	22.00
	256QAM	1	0	18.56	18.60	18.56	20.00
		1	25	18.72	18.71	18.76	20.00



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		1	49	18.54	18.71	18.60	20.00
		25	0	18.40	18.59	18.70	20.00
		25	13	18.58	18.63	18.64	20.00
		25	25	18.66	18.71	18.68	20.00
		50	0	18.66	18.61	18.72	20.00



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LTE Band 7 DS12/3/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.80	21.72	21.82	23.50
		1	13	21.77	21.79	21.92	23.50
		1	24	21.71	21.62	21.74	23.50
		12	0	20.83	20.74	21.12	22.50
		12	6	20.71	20.80	21.08	22.50
		12	13	20.79	20.86	21.06	22.50
		25	0	20.64	20.84	21.22	22.50
	16QAM	1	0	20.80	20.63	21.20	22.50
		1	13	20.85	20.61	20.89	22.50
		1	24	20.74	21.18	21.03	22.50
		12	0	19.96	19.76	20.00	21.50
		12	6	19.72	19.94	20.09	21.50
		12	13	19.63	19.83	20.04	21.50
		25	0	19.58	19.93	20.03	21.50
	64QAM	1	0	19.90	19.57	19.99	21.50
		1	13	19.69	19.88	20.04	21.50
		1	24	19.84	19.84	20.43	21.50
		12	0	18.94	18.86	19.08	20.50
		12	6	18.77	18.87	19.12	20.50
		12	13	18.72	18.91	18.97	20.50
		25	0	18.70	18.92	19.19	20.50
	256QAM	1	0	16.59	16.85	17.00	18.50
		1	13	16.86	16.92	16.73	18.50
		1	24	17.55	17.02	17.55	18.50
		12	0	17.03	16.73	16.74	18.50
		12	6	16.96	16.87	17.23	18.50
		12	13	16.80	16.96	17.14	18.50
		25	0	16.84	16.88	17.20	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	21.78	21.75	21.89	23.50
		1	25	21.72	21.79	21.97	23.50
		1	49	21.71	21.69	21.77	23.50
		25	0	20.84	20.80	21.10	22.50
		25	13	20.74	20.81	21.12	22.50



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		25	25	20.73	20.82	21.11	22.50
		50	0	20.65	20.83	21.16	22.50
	16QAM	1	0	20.86	20.59	21.22	22.50
		1	25	20.85	20.65	20.91	22.50
		1	49	20.77	21.21	21.00	22.50
		25	0	19.95	19.81	20.02	21.50
		25	13	19.79	19.88	20.06	21.50
		25	25	19.63	19.84	20.02	21.50
		50	0	19.61	19.90	20.04	21.50
		1	0	19.88	19.53	19.95	21.50
	64QAM	1	25	19.71	19.87	20.02	21.50
		1	49	19.79	19.81	20.44	21.50
		25	0	18.95	18.89	19.09	20.50
		25	13	18.76	18.82	19.05	20.50
		25	25	18.76	18.85	18.98	20.50
		50	0	18.73	18.91	19.18	20.50
		1	0	16.61	16.81	17.00	18.50
	256QAM	1	25	16.84	16.87	16.72	18.50
		1	49	17.60	16.98	17.57	18.50
		25	0	17.06	16.79	16.74	18.50
		25	13	16.92	16.89	17.24	18.50
		25	25	16.85	16.94	17.18	18.50
		50	0	16.87	16.89	17.25	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.78	21.74	21.83	23.50
		1	38	21.75	21.80	21.92	23.50
		1	74	21.76	21.66	21.70	23.50
		36	0	20.80	20.80	21.11	22.50
		36	18	20.75	20.80	21.09	22.50
		36	39	20.72	20.83	21.10	22.50
		75	0	20.63	20.81	21.17	22.50
	16QAM	1	0	20.79	20.58	21.19	22.50
		1	38	20.85	20.64	20.85	22.50
		1	74	20.70	21.18	20.99	22.50
		36	0	19.92	19.81	20.05	21.50
		36	18	19.74	19.94	20.06	21.50
		36	39	19.60	19.81	20.04	21.50
		75	0	19.60	19.87	20.06	21.50



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	64QAM	1	0	19.90	19.60	19.92	21.50
		1	38	19.72	19.85	19.98	21.50
		1	74	19.80	19.85	20.41	21.50
		36	0	18.95	18.89	19.08	20.50
		36	18	18.80	18.89	19.11	20.50
		36	39	18.73	18.86	18.95	20.50
		75	0	18.72	18.91	19.22	20.50
	256QAM	1	0	16.65	16.85	16.97	18.50
		1	38	16.81	16.89	16.74	18.50
		1	74	17.61	16.99	17.54	18.50
		36	0	17.00	16.75	16.77	18.50
		36	18	16.92	16.90	17.26	18.50
		36	39	16.79	16.88	17.17	18.50
		75	0	16.88	16.91	17.26	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.75	21.69	21.81	23.50
		1	50	21.69	21.74	21.90	23.50
		1	99	21.67	21.60	21.68	23.50
		50	0	20.76	20.71	21.04	22.50
		50	25	20.69	20.79	21.06	22.50
		50	50	20.70	20.79	21.05	22.50
		100	0	20.59	20.79	21.13	22.50
	16QAM	1	0	20.78	20.57	21.17	22.50
		1	50	20.80	20.58	20.84	22.50
		1	99	20.69	21.17	20.94	22.50
		50	0	19.87	19.75	19.96	21.50
		50	25	19.71	19.86	20.03	21.50
		50	50	19.57	19.79	19.98	21.50
		100	0	19.57	19.85	19.99	21.50
	64QAM	1	0	19.81	19.51	19.90	21.50
		1	50	19.65	19.81	19.95	21.50
		1	99	19.78	19.79	20.37	21.50
		50	0	18.90	18.81	19.04	20.50
		50	25	18.74	18.80	19.04	20.50
		50	50	18.69	18.84	18.94	20.50
		100	0	18.68	18.83	19.14	20.50
	256QAM	1	0	16.57	16.78	16.95	18.50
		1	50	16.78	16.85	16.67	18.50



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		1	99	17.52	16.97	17.53	18.50
		50	0	16.97	16.71	16.73	18.50
		50	25	16.87	16.83	17.19	18.50
		50	50	16.77	16.87	17.09	18.50
		100	0	16.83	16.87	17.18	18.50



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LTE Band 7 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.29	20.13	20.47	22.00
		1	13	20.34	20.31	20.59	22.00
		1	24	20.31	20.25	20.36	22.00
		12	0	20.50	20.30	20.70	22.00
		12	6	20.41	20.31	20.69	22.00
		12	13	20.34	20.35	20.59	22.00
		25	0	20.51	20.36	20.64	22.00
	16QAM	1	0	20.40	20.12	20.61	22.00
		1	13	20.45	20.28	20.57	22.00
		1	24	20.40	20.52	20.71	22.00
		12	0	19.87	19.84	19.98	21.50
		12	6	19.77	19.93	20.04	21.50
		12	13	19.71	19.71	20.07	21.50
		25	0	19.74	19.90	20.08	21.50
	64QAM	1	0	20.19	19.81	19.85	21.50
		1	13	20.27	19.94	20.07	21.50
		1	24	20.35	19.78	19.90	21.50
		12	0	19.90	18.83	19.08	20.50
		12	6	19.67	18.85	19.08	20.50
		12	13	19.46	18.79	19.03	20.50
		25	0	19.67	18.83	19.13	20.50
	256QAM	1	0	16.84	16.71	16.82	18.50
		1	13	16.67	16.65	16.80	18.50
		1	24	17.34	17.00	17.66	18.50
		12	0	16.93	16.85	17.12	18.50
		12	6	16.94	16.87	17.17	18.50
		12	13	16.83	17.00	17.07	18.50
		25	0	16.89	16.84	17.18	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	20.32	20.13	20.49	22.00
		1	25	20.33	20.28	20.55	22.00
		1	49	20.28	20.24	20.35	22.00
		25	0	20.49	20.30	20.69	22.00
		25	13	20.38	20.26	20.69	22.00



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		25	25	20.34	20.42	20.51	22.00
		50	0	20.54	20.36	20.62	22.00
	16QAM	1	0	20.43	20.11	20.63	22.00
		1	25	20.47	20.26	20.54	22.00
		1	49	20.35	20.48	20.68	22.00
		25	0	19.91	19.85	19.98	21.50
		25	13	19.79	19.89	20.01	21.50
		25	25	19.73	19.65	20.12	21.50
		50	0	19.79	19.87	20.11	21.50
		1	0	20.21	19.81	19.87	21.50
	64QAM	1	25	20.23	19.91	20.04	21.50
		1	49	20.34	19.71	19.88	21.50
		25	0	19.90	18.82	19.13	20.50
		25	13	19.67	18.78	19.09	20.50
		25	25	19.53	18.79	19.05	20.50
		50	0	19.60	18.90	19.10	20.50
		1	0	16.90	16.68	16.88	18.50
	256QAM	1	25	16.69	16.69	16.83	18.50
		1	49	17.33	16.96	17.67	18.50
		25	0	16.90	16.87	17.14	18.50
		25	13	16.97	16.88	17.17	18.50
		25	25	16.82	17.03	17.13	18.50
		50	0	16.89	16.84	17.23	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.37	20.13	20.50	22.00
		1	38	20.36	20.32	20.52	22.00
		1	74	20.30	20.29	20.39	22.00
		36	0	20.46	20.29	20.64	22.00
		36	18	20.40	20.26	20.65	22.00
		36	39	20.33	20.43	20.56	22.00
		75	0	20.49	20.39	20.60	22.00
	16QAM	1	0	20.45	20.13	20.68	22.00
		1	38	20.40	20.26	20.62	22.00
		1	74	20.36	20.48	20.75	22.00
		36	0	19.87	19.86	20.01	21.50
		36	18	19.83	19.94	20.03	21.50
		36	39	19.68	19.65	20.05	21.50
		75	0	19.75	19.89	20.12	21.50



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	64QAM	1	0	20.22	19.81	19.84	21.50
		1	38	20.29	19.92	20.12	21.50
		1	74	20.37	19.74	19.90	21.50
		36	0	19.91	18.86	19.11	20.50
		36	18	19.61	18.84	19.04	20.50
		36	39	19.49	18.85	19.06	20.50
		75	0	19.67	18.86	19.12	20.50
	256QAM	1	0	16.85	16.70	16.85	18.50
		1	38	16.62	16.67	16.84	18.50
		1	74	17.34	16.95	17.67	18.50
		36	0	16.93	16.83	17.16	18.50
		36	18	16.98	16.87	17.17	18.50
		36	39	16.85	17.02	17.12	18.50
		75	0	16.93	16.83	17.20	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20.28	20.05	20.41	22.00
		1	50	20.31	20.24	20.51	22.00
		1	99	20.26	20.20	20.32	22.00
		50	0	20.44	20.26	20.61	22.00
		50	25	20.34	20.25	20.62	22.00
		50	50	20.27	20.34	20.50	22.00
		100	0	20.47	20.35	20.59	22.00
	16QAM	1	0	20.37	20.08	20.60	22.00
		1	50	20.39	20.20	20.53	22.00
		1	99	20.31	20.46	20.66	22.00
		50	0	19.83	19.81	19.95	21.50
		50	25	19.75	19.85	20.00	21.50
		50	50	19.66	19.64	20.04	21.50
		100	0	19.73	19.86	20.05	21.50
	64QAM	1	0	20.17	19.74	19.78	21.50
		1	50	20.20	19.87	20.03	21.50
		1	99	20.30	19.69	19.81	21.50
		50	0	19.82	18.81	19.04	20.50
		50	25	19.60	18.77	19.03	20.50
		50	50	19.45	18.77	18.98	20.50
		100	0	19.58	18.81	19.08	20.50
	256QAM	1	0	16.82	16.63	16.81	18.50
		1	50	16.60	16.63	16.75	18.50



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		1	99	17.27	16.93	17.61	18.50
		50	0	16.88	16.80	17.08	18.50
		50	25	16.90	16.81	17.13	18.50
		50	50	16.78	16.94	17.04	18.50
		100	0	16.86	16.82	17.14	18.50



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LTE FDD Band 12 DSI2/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.30	23.09	23.09	24.50
		1	2	23.28	23.25	23.23	24.50
		1	5	23.18	23.14	23.21	24.50
		3	0	23.22	23.16	23.21	24.50
		3	2	23.19	23.12	23.17	24.50
		3	3	23.21	23.15	23.15	24.50
		6	0	22.45	22.37	22.27	23.50
	16QAM	1	0	22.22	22.17	22.46	23.50
		1	2	22.18	21.93	22.25	23.50
		1	5	22.37	21.76	21.88	23.50
		3	0	22.37	21.80	21.93	23.50
		3	2	22.33	21.75	21.93	23.50
		3	3	22.35	21.83	21.90	23.50
		6	0	21.39	21.32	21.26	22.50
	64QAM	1	0	22.37	21.33	21.17	22.50
		1	2	22.40	21.39	21.13	22.50
		1	5	22.01	20.93	21.20	22.50
		3	0	22.01	20.97	21.24	22.50
		3	2	22.05	21.00	21.25	22.50
		3	3	22.07	20.93	21.20	22.50
		6	0	21.28	20.07	20.40	21.50
	256QAM	1	0	18.24	18.21	18.42	19.50
		1	2	18.32	18.28	18.29	19.50
		1	5	18.27	18.26	18.25	19.50
		3	0	18.39	18.28	18.37	19.50
		3	2	18.38	18.39	18.30	19.50
		3	3	18.32	18.38	18.23	19.50
		6	0	18.40	18.41	18.21	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	23.23	23.02	23.01	24.50
		1	7	23.20	23.12	23.08	24.50
		1	14	23.14	23.10	23.04	24.50
		8	0	22.33	22.24	22.19	23.50
		8	4	22.26	22.20	22.26	23.50



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		8	7	22.27	22.30	22.17	23.50
		15	0	22.31	22.27	22.21	23.50
	16QAM	1	0	22.14	22.10	22.41	23.50
		1	7	22.08	21.89	22.17	23.50
		1	14	22.19	21.70	21.86	23.50
		8	0	21.01	21.23	21.17	22.50
		8	4	21.06	21.24	21.18	22.50
		8	7	21.04	21.17	21.24	22.50
		15	0	21.31	21.20	21.23	22.50
		1	0	22.22	21.23	21.10	22.50
	64QAM	1	7	22.27	21.34	21.05	22.50
		1	14	21.90	20.87	21.12	22.50
		8	0	21.11	20.14	20.25	21.50
		8	4	21.05	20.16	20.07	21.50
		8	7	21.25	20.19	20.21	21.50
		15	0	21.22	19.96	20.30	21.50
		1	0	18.08	18.09	18.31	19.50
	256QAM	1	7	18.26	18.24	18.22	19.50
		1	14	18.19	18.11	18.11	19.50
		8	0	18.26	18.15	18.23	19.50
		8	4	18.29	18.27	18.21	19.50
		8	7	18.22	18.26	18.13	19.50
		15	0	18.31	18.23	18.12	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.19	23.06	23.02	24.50
		1	13	23.16	23.14	23.13	24.50
		1	24	23.13	23.04	23.11	24.50
		12	0	22.40	22.25	22.20	23.50
		12	6	22.27	22.22	22.21	23.50
		12	13	22.32	22.26	22.20	23.50
		25	0	22.33	22.25	22.19	23.50
	16QAM	1	0	22.16	22.11	22.34	23.50
		1	13	22.05	21.84	22.13	23.50
		1	24	22.27	21.68	21.84	23.50
		12	0	21.01	21.21	21.15	22.50
		12	6	21.11	21.26	21.15	22.50
		12	13	21.08	21.18	21.20	22.50
		25	0	21.34	21.22	21.23	22.50



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		1	0	22.22	21.19	21.09	22.50
		1	13	22.31	21.35	21.02	22.50
		1	24	21.93	20.90	21.12	22.50
	64QAM	12	0	21.11	20.16	20.22	21.50
		12	6	21.06	20.16	20.07	21.50
		12	13	21.23	20.23	20.20	21.50
		25	0	21.25	20.01	20.28	21.50
		1	0	18.09	18.09	18.28	19.50
		1	13	18.26	18.20	18.22	19.50
		1	24	18.20	18.12	18.15	19.50
	256QAM	12	0	18.22	18.18	18.27	19.50
		12	6	18.27	18.22	18.28	19.50
		12	13	18.29	18.24	18.17	19.50
		25	0	18.29	18.28	18.13	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	23.25	23.08	23.05	24.50
		1	25	23.22	23.20	23.14	24.50
		1	49	23.15	23.11	23.12	24.50
		25	0	22.42	22.30	22.24	23.50
		25	13	22.30	22.25	22.27	23.50
		25	25	22.33	22.31	22.22	23.50
		50	0	22.36	22.32	22.25	23.50
	16QAM	1	0	22.18	22.13	22.43	23.50
		1	25	22.12	21.92	22.20	23.50
		1	49	22.28	21.74	21.87	23.50
		25	0	21.06	21.29	21.22	22.50
		25	13	21.13	21.31	21.21	22.50
		25	25	21.10	21.26	21.27	22.50
		50	0	21.36	21.24	21.24	22.50
	64QAM	1	0	22.29	21.26	21.14	22.50
		1	25	22.32	21.37	21.09	22.50
		1	49	21.98	20.92	21.19	22.50
		25	0	21.13	20.20	20.28	21.50
		25	13	21.14	20.21	20.14	21.50
		25	25	21.28	20.28	20.23	21.50
		50	0	21.27	20.02	20.31	21.50
	256QAM	1	0	18.15	18.15	18.37	19.50
		1	25	18.30	18.27	18.25	19.50



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		1	49	18.22	18.20	18.18	19.50
		25	0	18.31	18.24	18.28	19.50
		25	13	18.32	18.31	18.29	19.50
		25	25	18.30	18.31	18.19	19.50
		50	0	18.34	18.32	18.18	19.50



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LTE FDD Band 13 DS12/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	22.55	22.60	22.57	24.00
		1	13	22.51	22.51	22.52	24.00
		1	24	22.49	22.50	22.48	24.00
		12	0	21.69	21.68	21.69	23.00
		12	6	21.63	21.67	21.62	23.00
		12	13	21.61	21.57	21.63	23.00
		25	0	21.58	21.61	21.61	23.00
	16QAM	1	0	21.50	21.49	21.51	23.00
		1	13	21.46	21.42	21.50	23.00
		1	24	21.58	21.63	21.58	23.00
		12	0	20.46	20.46	20.46	22.00
		12	6	20.59	20.61	20.58	22.00
		12	13	20.71	20.72	20.73	22.00
		25	0	20.66	20.68	20.65	22.00
	64QAM	1	0	20.57	20.59	20.63	22.00
		1	13	20.63	20.65	20.62	22.00
		1	24	20.71	20.70	20.72	22.00
		12	0	19.70	19.67	19.70	21.00
		12	6	19.58	19.62	19.59	21.00
		12	13	19.69	19.75	19.69	21.00
		25	0	19.69	19.66	19.70	21.00
	256QAM	1	0	17.74	17.73	17.74	19.00
		1	13	17.80	17.75	17.73	19.00
		1	24	17.77	17.82	17.77	19.00
		12	0	17.65	17.64	17.70	19.00
		12	6	17.61	17.62	17.66	19.00
		12	13	17.71	17.77	17.79	19.00
		25	0	17.69	17.72	17.68	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	23230	/	24.00
		1	25	/	22.58	/	24.00
		1	49	/	22.52	/	24.00
		25	0	/	21.75	/	23.00
		25	13	/	21.68	/	23.00



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		25	25	/	21.65	/	23.00
		50	0	/	21.64	/	23.00
	16QAM	1	0	/	21.56	/	23.00
		1	25	/	21.51	/	23.00
		1	49	/	21.67	/	23.00
		25	0	/	20.53	/	22.00
		25	13	/	20.64	/	22.00
		25	25	/	20.78	/	22.00
		50	0	/	20.7	/	22.00
		1	0	/	20.64	/	22.00
	64QAM	1	25	/	20.69	/	22.00
		1	49	/	20.76	/	22.00
		25	0	/	19.71	/	21.00
		25	13	/	19.67	/	21.00
		25	25	/	19.77	/	21.00
		50	0	/	19.73	/	21.00
		1	0	/	17.76	/	19.00
	256QAM	1	25	/	17.82	/	19.00
		1	49	/	17.84	/	19.00
		25	0	/	17.73	/	19.00
		25	13	/	17.70	/	19.00
		25	25	/	17.80	/	19.00
		50	0	/	17.75	/	19.00



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LTE FDD Band 17 DS12/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.21	23.24	23.22	24.50
		1	13	23.26	23.20	23.21	24.50
		1	24	23.15	23.12	23.11	24.50
		12	0	22.37	22.34	22.38	23.50
		12	6	22.45	22.24	22.21	23.50
		12	13	22.37	22.25	22.35	23.50
		25	0	22.29	22.25	22.22	23.50
	16QAM	1	0	21.86	22.14	21.96	23.50
		1	13	22.17	22.22	22.17	23.50
		1	24	21.99	22.16	22.23	23.50
		12	0	21.26	21.25	21.33	22.50
		12	6	21.36	21.30	21.10	22.50
		12	13	21.28	21.28	21.13	22.50
		25	0	21.30	21.23	21.21	22.50
	64QAM	1	0	21.56	21.17	21.26	22.50
		1	13	21.39	21.20	21.38	22.50
		1	24	21.30	21.07	21.12	22.50
		12	0	20.20	20.25	20.14	21.50
		12	6	20.32	20.27	20.11	21.50
		12	13	20.28	20.12	20.15	21.50
		25	0	20.19	20.25	20.06	21.50
	256QAM	1	0	18.27	18.34	18.30	19.50
		1	13	18.20	18.23	18.31	19.50
		1	24	18.15	18.31	18.31	19.50
		12	0	18.22	18.24	18.34	19.50
		12	6	18.28	18.22	18.16	19.50
		12	13	18.25	18.29	18.32	19.50
		25	0	18.22	18.30	18.30	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	23.23	23.27	23.24	24.50
		1	25	23.29	23.28	23.24	24.50
		1	49	23.19	23.20	23.13	24.50
		25	0	22.38	22.35	22.39	23.50
		25	13	22.46	22.33	22.25	23.50



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		25	25	22.44	22.31	22.36	23.50
		50	0	22.30	22.32	22.28	23.50
	16QAM	1	0	21.87	22.20	22.01	23.50
		1	25	22.23	22.28	22.25	23.50
		1	49	22.04	22.20	22.31	23.50
		25	0	21.30	21.33	21.36	22.50
		25	13	21.45	21.32	21.19	22.50
		25	25	21.29	21.35	21.15	22.50
		50	0	21.31	21.25	21.23	22.50
		1	0	21.59	21.18	21.34	22.50
	64QAM	1	25	21.42	21.29	21.45	22.50
		1	49	21.35	21.15	21.16	22.50
		25	0	20.28	20.29	20.18	21.50
		25	13	20.38	20.29	20.15	21.50
		25	25	20.35	20.16	20.23	21.50
		50	0	20.26	20.32	20.13	21.50
		1	0	18.28	18.40	18.35	19.50
	256QAM	1	25	18.21	18.31	18.40	19.50
		1	49	18.23	18.33	18.34	19.50
		25	0	18.23	18.30	18.39	19.50
		25	13	18.31	18.24	18.22	19.50
		25	25	18.32	18.38	18.37	19.50
		50	0	18.31	18.38	18.34	19.50



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LTE Band 26 DS12/3/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.34	23.39	23.30	25.00
		1	2	23.41	23.28	23.32	25.00
		1	5	23.17	23.36	23.24	25.00
		3	0	23.19	23.34	23.23	25.00
		3	2	23.19	23.38	23.23	25.00
		3	3	23.14	23.39	23.20	25.00
		6	0	22.43	22.48	22.33	24.00
	16QAM	1	0	22.38	22.02	22.01	24.00
		1	2	22.73	22.21	22.18	24.00
		1	5	22.12	22.58	22.40	24.00
		3	0	22.16	22.60	22.41	24.00
		3	2	22.15	22.59	22.39	24.00
		3	3	22.16	22.54	22.41	24.00
		6	0	21.23	21.43	21.43	23.00
	64QAM	1	0	21.19	21.44	21.28	23.00
		1	2	22.15	21.26	21.36	23.00
		1	5	21.94	21.43	21.12	23.00
		3	0	21.89	21.47	21.18	23.00
		3	2	21.93	21.42	21.18	23.00
		3	3	21.93	21.47	21.14	23.00
		6	0	21.24	20.51	20.50	22.00
	256QAM	1	0	18.53	18.42	18.48	20.00
		1	2	18.20	18.19	18.34	20.00
		1	5	18.49	18.56	18.40	20.00
		3	0	18.50	18.37	18.30	20.00
		3	2	18.46	18.39	18.44	20.00
		3	3	18.41	18.51	18.58	20.00
		6	0	18.27	18.47	18.50	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.37	23.38	23.29	25.00
		1	7	23.37	23.33	23.37	25.00
		1	14	23.12	23.33	23.17	25.00
		8	0	22.40	22.52	22.40	24.00
		8	4	22.46	22.47	22.37	24.00



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		8	7	22.44	22.47	22.40	24.00
		15	0	22.41	22.50	22.34	24.00
	16QAM	1	0	22.37	22.03	22.03	24.00
		1	7	22.78	22.25	22.17	24.00
		1	14	22.17	22.60	22.47	24.00
		8	0	21.36	21.41	21.41	23.00
		8	4	21.24	21.28	21.30	23.00
		8	7	21.34	21.41	21.17	23.00
		15	0	21.22	21.48	21.44	23.00
		1	0	21.17	21.43	21.29	23.00
	64QAM	1	7	22.09	21.31	21.39	23.00
		1	14	21.89	21.46	21.18	23.00
		8	0	21.18	20.37	20.34	22.00
		8	4	21.31	20.37	20.35	22.00
		8	7	21.33	20.44	20.26	22.00
		15	0	21.24	20.48	20.54	22.00
		1	0	18.56	18.40	18.50	20.00
	256QAM	1	7	18.13	18.18	18.30	20.00
		1	14	18.52	18.59	18.36	20.00
		8	0	18.52	18.35	18.30	20.00
		8	4	18.45	18.45	18.44	20.00
		8	7	18.44	18.53	18.53	20.00
		15	0	18.27	18.52	18.42	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.50	23.52	23.40	25.00
		1	13	23.49	23.36	23.42	25.00
		1	24	23.22	23.48	23.27	25.00
		12	0	22.51	22.55	22.45	24.00
		12	6	22.50	22.62	22.48	24.00
		12	13	22.48	22.59	22.45	24.00
		25	0	22.56	22.61	22.44	24.00
	16QAM	1	0	22.52	22.17	22.10	24.00
		1	13	22.87	22.30	22.33	24.00
		1	24	22.30	22.69	22.56	24.00
		12	0	21.47	21.54	21.53	23.00
		12	6	21.29	21.34	21.39	23.00
		12	13	21.42	21.57	21.30	23.00
		25	0	21.36	21.51	21.52	23.00



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	64QAM	1	0	21.31	21.54	21.38	23.00
		1	13	22.22	21.37	21.46	23.00
		1	24	21.98	21.54	21.25	23.00
		12	0	21.29	20.41	20.45	22.00
		12	6	21.39	20.46	20.42	22.00
		12	13	21.42	20.48	20.29	22.00
		25	0	21.35	20.59	20.68	22.00
	256QAM	1	0	18.60	18.52	18.58	20.00
		1	13	18.23	18.31	18.38	20.00
		1	24	18.60	18.67	18.50	20.00
		12	0	18.59	18.48	18.33	20.00
		12	6	18.52	18.51	18.53	20.00
		12	13	18.52	18.61	18.68	20.00
		25	0	18.41	18.59	18.54	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	23.48	23.53	23.39	25.00
		1	25	23.49	23.41	23.46	25.00
		1	49	23.24	23.49	23.28	25.00
		25	0	22.52	22.57	22.51	24.00
		25	13	22.49	22.60	22.51	24.00
		25	25	22.56	22.59	22.49	24.00
		50	0	22.48	22.60	22.51	24.00
	16QAM	1	0	22.53	22.09	22.10	24.00
		1	25	22.80	22.28	22.30	24.00
		1	49	22.29	22.66	22.51	24.00
		25	0	21.50	21.56	21.56	23.00
		25	13	21.32	21.38	21.43	23.00
		25	25	21.48	21.55	21.31	23.00
		50	0	21.32	21.59	21.53	23.00
	64QAM	1	0	21.32	21.59	21.33	23.00
		1	25	22.20	21.43	21.43	23.00
		1	49	22.02	21.52	21.22	23.00
		25	0	21.34	20.43	20.45	22.00
		25	13	21.43	20.46	20.43	22.00
		25	25	21.45	20.53	20.37	22.00
		50	0	21.39	20.56	20.67	22.00
	256QAM	1	0	18.62	18.46	18.56	20.00
		1	25	18.23	18.28	18.38	20.00



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		1	49	18.58	18.67	18.51	20.00
		25	0	18.58	18.47	18.34	20.00
		25	13	18.52	18.52	18.53	20.00
		25	25	18.55	18.59	18.67	20.00
		50	0	18.42	18.65	18.55	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	23.41	23.45	23.36	25.00
		1	38	23.43	23.35	23.38	25.00
		1	74	23.21	23.41	23.25	25.00
		36	0	22.47	22.53	22.42	24.00
		36	18	22.45	22.50	22.40	24.00
		36	39	22.40	22.48	22.39	24.00
		75	0	22.41	22.52	22.37	24.00
	16QAM	1	0	22.44	22.08	22.06	24.00
		1	38	22.79	22.26	22.24	24.00
		1	74	22.21	22.61	22.48	24.00
		36	0	21.43	21.47	21.48	23.00
		36	18	21.27	21.31	21.37	23.00
		36	39	21.40	21.49	21.23	23.00
		75	0	21.30	21.50	21.46	23.00
	64QAM	1	0	21.26	21.50	21.30	23.00
		1	38	22.18	21.34	21.40	23.00
		1	74	21.95	21.51	21.19	23.00
		36	0	21.27	20.39	20.41	22.00
		36	18	21.37	20.41	20.37	22.00
		36	39	21.38	20.47	20.28	22.00
		75	0	21.33	20.53	20.59	22.00
	256QAM	1	0	18.58	18.45	18.51	20.00
		1	38	18.22	18.23	18.35	20.00
		1	74	18.56	18.64	18.42	20.00
		36	0	18.56	18.43	18.32	20.00
		36	18	18.51	18.46	18.50	20.00
		36	39	18.49	18.58	18.59	20.00
		75	0	18.36	18.56	18.51	20.00



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LTE Band 26 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	22.44	22.43	22.49	24.00
		1	2	22.41	22.47	22.49	24.00
		1	5	22.41	22.35	22.44	24.00
		3	0	22.48	22.46	22.47	24.00
		3	2	22.58	22.50	22.24	24.00
		3	3	22.55	22.47	22.29	24.00
		6	0	22.53	22.53	22.45	24.00
	16QAM	1	0	22.35	22.42	22.29	24.00
		1	2	22.68	22.42	22.51	24.00
		1	5	22.32	22.09	22.13	24.00
		3	0	22.38	22.07	22.16	24.00
		3	2	22.36	22.04	22.18	24.00
		3	3	22.36	22.07	22.11	24.00
		6	0	21.60	21.58	21.65	23.00
	64QAM	1	0	21.38	21.49	21.23	23.00
		1	2	21.58	21.10	21.55	23.00
		1	5	21.39	21.28	21.23	23.00
		3	0	21.39	21.33	21.16	23.00
		3	2	21.36	21.31	21.20	23.00
		3	3	21.34	21.29	21.16	23.00
		6	0	20.48	20.49	20.43	22.00
	256QAM	1	0	18.22	18.57	18.66	20.00
		1	2	18.34	18.29	18.37	20.00
		1	5	18.79	18.67	18.53	20.00
		3	0	18.56	18.29	18.52	20.00
		3	2	18.39	18.42	18.55	20.00
		3	3	18.57	18.53	18.63	20.00
		6	0	18.62	18.58	18.55	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.44	22.45	22.45	24.00
		1	7	22.41	22.41	22.54	24.00
		1	14	22.36	22.43	22.44	24.00
		8	0	22.44	22.40	22.48	24.00
		8	4	22.53	22.42	22.16	24.00



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		8	7	22.57	22.49	22.34	24.00
		15	0	22.55	22.58	22.45	24.00
	16QAM	1	0	22.31	22.44	22.35	24.00
		1	7	22.72	22.37	22.57	24.00
		1	14	22.37	22.09	22.12	24.00
		8	0	21.31	21.48	21.38	23.00
		8	4	21.46	21.46	21.28	23.00
		8	7	21.49	21.50	21.50	23.00
		15	0	21.58	21.52	21.66	23.00
		1	0	21.40	21.46	21.30	23.00
	64QAM	1	7	21.57	21.09	21.56	23.00
		1	14	21.34	21.31	21.18	23.00
		8	0	20.40	20.42	20.20	22.00
		8	4	20.42	20.49	20.44	22.00
		8	7	20.47	20.50	20.60	22.00
		15	0	20.45	20.45	20.44	22.00
		1	0	18.18	18.50	18.60	20.00
	256QAM	1	7	18.36	18.29	18.36	20.00
		1	14	18.77	18.67	18.55	20.00
		8	0	18.59	18.34	18.46	20.00
		8	4	18.41	18.40	18.56	20.00
		8	7	18.56	18.56	18.63	20.00
		15	0	18.59	18.63	18.58	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	22.46	22.44	22.49	24.00
		1	13	22.44	22.47	22.51	24.00
		1	24	22.39	22.41	22.44	24.00
		12	0	22.48	22.40	22.49	24.00
		12	6	22.56	22.50	22.20	24.00
		12	13	22.61	22.48	22.33	24.00
		25	0	22.54	22.55	22.49	24.00
	16QAM	1	0	22.34	22.42	22.27	24.00
		1	13	22.73	22.40	22.56	24.00
		1	24	22.30	22.02	22.17	24.00
		12	0	21.37	21.47	21.44	23.00
		12	6	21.51	21.49	21.31	23.00
		12	13	21.44	21.52	21.46	23.00
		25	0	21.52	21.58	21.63	23.00



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