

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

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

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	256QAM	15	0	16.95	16.95	16.98	18.80
		1	0	17.06	16.93	16.96	18.80
		1	7	17.10	16.99	17.08	18.80
		1	14	16.92	16.97	17.03	18.80
		8	0	17.05	16.95	17.08	18.80
		8	4	16.92	16.91	16.94	18.80
		8	7	17.10	17.05	17.10	18.80
		15	0	16.98	16.94	17.02	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	18625	18900	19175	18.80
		1	13	16.94	16.84	16.97	18.80
		1	24	17.03	17.04	17.07	18.80
		1	24	17.12	17.07	17.14	18.80
		12	0	17.03	16.98	17.05	18.80
		12	6	16.95	16.96	16.98	18.80
		12	13	17.11	17.01	17.04	18.80
	16QAM	25	0	16.97	16.99	16.94	18.80
		1	0	16.98	16.94	16.95	18.80
		1	13	17.06	16.97	17.06	18.80
		1	24	16.95	16.90	16.95	18.80
		12	0	17.03	17.03	17.11	18.80
		12	6	16.97	16.94	16.92	18.80
		12	13	16.97	16.83	16.97	18.80
	64QAM	25	0	16.88	16.86	16.93	18.80
		1	0	17.06	17.05	17.00	18.80
		1	13	16.97	16.97	16.99	18.80
		1	24	16.93	16.86	16.91	18.80
		12	0	17.09	16.98	17.06	18.80
		12	6	17.00	16.97	16.95	18.80
		12	13	16.92	16.81	16.83	18.80
	256QAM	25	0	16.99	16.97	17.00	18.80
		1	0	17.05	16.89	16.97	18.80
		1	13	17.10	17.02	17.10	18.80
		1	24	16.94	16.94	17.03	18.80
		12	0	16.99	16.98	17.02	18.80
		12	6	16.95	16.90	16.93	18.80
		12	13	17.07	17.06	17.10	18.80
10MHz	QPSK	25	0	16.98	16.91	16.99	18.80
		1	0	16.97	16.91	17.00	18.80
		1	25	17.07	16.99	17.07	18.80
		1	49	17.14	17.03	17.13	18.80
		25	0	17.09	16.93	17.03	18.80
		25	13	17.01	16.92	17.03	18.80
		25	25	17.07	16.96	17.00	18.80
	16QAM	50	0	16.97	17.00	16.95	18.80
		1	0	16.96	16.86	16.95	18.80
		1	25	17.08	17.00	17.03	18.80
		1	49	16.97	16.88	16.99	18.80
		25	0	17.11	17.02	17.14	18.80
		25	13	16.93	16.91	16.92	18.80
		25	25	16.93	16.90	16.92	18.80
	64QAM	50	0	16.87	16.85	16.88	18.80
		1	0	17.04	17.04	17.06	18.80
		1	25	16.99	17.01	17.01	18.80
		1	49	16.97	16.90	16.86	18.80
		25	0	17.08	16.98	17.11	18.80
		25	13	16.98	16.96	16.93	18.80
		25	25	16.93	16.81	16.89	18.80
	QPSK	50	0	16.98	16.92	16.96	18.80
		1	0	16.97	16.91	17.00	18.80
		1	25	17.07	16.99	17.07	18.80
		1	49	17.14	17.03	17.13	18.80
		25	0	17.09	16.93	17.03	18.80
		25	13	17.01	16.92	17.03	18.80
		25	25	17.07	16.96	17.00	18.80
	16QAM	50	0	16.97	17.00	16.95	18.80
		1	0	16.96	16.86	16.95	18.80
		1	25	17.08	17.00	17.03	18.80
		1	49	16.97	16.88	16.99	18.80
		25	0	17.11	17.02	17.14	18.80
		25	13	16.93	16.91	16.92	18.80
		25	25	16.93	16.90	16.92	18.80
	64QAM	50	0	16.87	16.85	16.88	18.80
		1	0	17.04	17.04	17.06	18.80
		1	25	16.99	17.01	17.01	18.80
		1	49	16.97	16.90	16.86	18.80
		25	0	17.08	16.98	17.11	18.80
		25	13	16.98	16.96	16.93	18.80
		25	25	16.93	16.81	16.89	18.80



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		1	0	16.98	16.92	16.96	18.80
		1	25	17.13	17.04	17.07	18.80
		1	49	16.95	16.95	17.01	18.80
		25	0	17.02	16.99	17.05	18.80
		25	13	16.91	16.89	16.92	18.80
		25	25	17.08	16.98	17.07	18.80
		50	0	17.00	16.91	16.99	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	16.97	16.89	16.93	18.80
		1	38	17.05	17.03	17.06	18.80
		1	74	17.17	17.10	17.11	18.80
		36	0	17.02	16.93	17.05	18.80
		36	18	16.99	16.96	17.00	18.80
		36	39	17.08	17.03	17.06	18.80
		75	0	17.01	16.96	17.01	18.80
	16QAM	1	0	17.01	16.91	16.98	18.80
		1	38	17.09	17.03	17.09	18.80
		1	74	16.98	16.90	16.93	18.80
		36	0	17.10	17.00	17.13	18.80
		36	18	16.94	16.89	16.90	18.80
		36	39	16.98	16.88	17.00	18.80
		75	0	16.87	16.88	16.87	18.80
	64QAM	1	0	17.05	17.06	17.06	18.80
		1	38	17.03	16.98	16.99	18.80
		1	74	16.92	16.86	16.91	18.80
		36	0	17.03	17.00	17.12	18.80
		36	18	16.98	16.90	16.96	18.80
		36	39	16.96	16.87	16.82	18.80
		75	0	16.92	16.98	16.97	18.80
	256QAM	1	0	17.05	16.96	16.93	18.80
		1	38	17.11	17.04	17.05	18.80
		1	74	17.00	16.96	17.06	18.80
		36	0	17.03	16.92	17.08	18.80
		36	18	16.92	16.91	16.88	18.80
		36	39	17.07	17.05	17.08	18.80
		75	0	17.00	16.94	17.01	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	16.88	16.82	16.91	18.80
		1	50	17.01	16.97	17.02	18.80
		1	99	17.10	17.02	17.10	18.80
		50	0	17.01	16.92	16.99	18.80
		50	25	16.93	16.90	16.97	18.80
		50	50	17.03	16.95	16.98	18.80
	16QAM	100	0	16.96	16.91	16.93	18.80
		1	0	16.92	16.85	16.92	18.80
		1	50	17.00	16.96	17.02	18.80
		1	99	16.94	16.86	16.90	18.80
		50	0	17.02	16.98	17.05	18.80
		50	25	16.92	16.85	16.86	18.80
		50	50	16.89	16.82	16.91	18.80
		100	0	16.83	16.80	16.84	18.80
	64QAM	1	0	17.03	16.97	16.98	18.80
		1	50	16.94	16.92	16.93	18.80
		1	99	16.90	16.84	16.85	18.80
		50	0	17.02	16.97	17.05	18.80
		50	25	16.92	16.88	16.92	18.80
		50	50	16.89	16.80	16.81	18.80
	256QAM	100	0	16.90	16.89	16.92	18.80
	256QAM	1	0	16.97	16.88	16.90	18.80



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		1	50	17.04	16.96	17.02	18.80
		1	99	16.91	16.90	16.98	18.80
		50	0	16.96	16.90	16.99	18.80
		50	25	16.88	16.85	16.87	18.80
		50	50	17.02	16.97	17.04	18.80
		100	0	16.96	16.89	16.97	18.80

LTE Band 2 DS11/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	16.51	16.49	16.55	18.30
		1	2	16.33	16.43	16.43	18.30
		1	5	16.33	16.36	16.70	18.30
		3	0	16.37	16.47	16.35	18.30
		3	2	16.53	16.34	16.60	18.30
		3	3	16.58	16.46	16.50	18.30
	16QAM	6	0	16.54	16.36	16.34	18.30
		1	0	16.47	16.36	16.33	18.30
		1	2	16.49	16.80	16.37	18.30
		1	5	16.44	16.48	16.32	18.30
		3	0	16.56	16.32	16.34	18.30
		3	2	16.36	16.44	16.40	18.30
	64QAM	3	3	16.53	16.41	16.33	18.30
		6	0	16.32	16.42	16.48	18.30
		1	0	16.51	16.63	16.34	18.30
		1	2	16.63	16.40	16.33	18.30
		1	5	16.44	16.40	16.45	18.30
		3	0	16.37	16.44	16.30	18.30
	256QAM	3	2	16.37	16.39	16.42	18.30
		3	3	16.46	16.39	16.50	18.30
		6	0	16.48	16.30	16.36	18.30
		1	0	16.42	16.38	16.39	18.30
		1	2	16.46	16.30	16.41	18.30
		1	5	16.56	16.59	16.47	18.30
3MHz	QPSK	3	0	16.37	16.32	16.49	18.30
		3	2	16.43	16.53	16.46	18.30
		3	3	16.51	16.47	16.35	18.30
		6	0	16.43	16.46	16.34	18.30
		1	0	16.41	16.43	16.62	18.30
		1	7	16.36	16.40	16.36	18.30
	16QAM	1	14	16.30	16.44	16.62	18.30
		8	0	16.36	16.46	16.34	18.30
		8	4	16.54	16.38	16.52	18.30
		8	7	16.56	16.42	16.42	18.30
		15	0	16.46	16.47	16.40	18.30
		1	0	16.50	16.41	16.30	18.30
	64QAM	1	7	16.49	16.76	16.44	18.30
		1	14	16.37	16.45	16.35	18.30
		8	0	16.45	16.38	16.36	18.30
		8	4	16.36	16.35	16.36	18.30
		8	7	16.44	16.39	16.38	18.30
		15	0	16.32	16.36	16.38	18.30
		1	0	16.45	16.64	16.33	18.30
		1	7	16.64	16.46	16.38	18.30
		1	14	16.43	16.49	16.42	18.30
		8	0	16.32	16.31	16.42	18.30
		8	4	16.41	16.38	16.39	18.30



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	256QAM	8	7	16.47	16.36	16.38	18.30
		15	0	16.54	16.35	16.38	18.30
		1	0	16.40	16.43	16.33	18.30
		1	7	16.48	16.30	16.41	18.30
		1	14	16.48	16.57	16.38	18.30
		8	0	16.36	16.47	16.42	18.30
		8	4	16.45	16.44	16.39	18.30
		8	7	16.56	16.43	16.38	18.30
		15	0	16.44	16.46	16.34	18.30
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	16.47	16.46	16.64	18.30
		1	13	16.39	16.44	16.42	18.30
		1	24	16.48	16.37	16.65	18.30
		12	0	16.32	16.43	16.37	18.30
		12	6	16.61	16.38	16.53	18.30
		12	13	16.51	16.51	16.47	18.30
	16QAM	25	0	16.46	16.43	16.36	18.30
		1	0	16.45	16.39	16.35	18.30
		1	13	16.48	16.79	16.45	18.30
		1	24	16.32	16.45	16.38	18.30
		12	0	16.47	16.32	16.35	18.30
		12	6	16.41	16.43	16.41	18.30
	64QAM	12	13	16.53	16.43	16.44	18.30
		25	0	16.43	16.32	16.38	18.30
		1	0	16.51	16.61	16.55	18.30
		1	13	16.64	16.43	16.39	18.30
		1	24	16.42	16.47	16.53	18.30
		12	0	16.31	16.32	16.38	18.30
	256QAM	12	6	16.42	16.30	16.45	18.30
		12	13	16.45	16.50	16.45	18.30
		25	0	16.45	16.39	16.36	18.30
		1	0	16.43	16.39	16.44	18.30
		1	13	16.50	16.38	16.47	18.30
		1	24	16.55	16.56	16.44	18.30
10MHz	QPSK	12	0	16.44	16.58	16.43	18.30
		12	6	16.43	16.51	16.51	18.30
		12	13	16.48	16.38	16.34	18.30
		25	0	16.47	16.40	16.31	18.30
		1	0	16.52	16.41	16.56	18.30
		1	25	16.33	16.38	16.43	18.30
	16QAM	1	49	16.33	16.34	16.59	18.30
		25	0	16.36	16.52	16.35	18.30
		25	13	16.53	16.43	16.58	18.30
		25	25	16.51	16.51	16.46	18.30
		50	0	16.52	16.44	16.30	18.30
		1	0	16.49	16.33	16.41	18.30
	64QAM	1	25	16.59	16.79	16.37	18.30
		1	49	16.39	16.44	16.37	18.30
		25	0	16.46	16.45	16.36	18.30
		25	13	16.41	16.38	16.32	18.30
		25	25	16.49	16.35	16.41	18.30
		50	0	16.31	16.33	16.36	18.30
	QPSK	1	0	16.49	16.57	16.55	18.30
		1	25	16.62	16.39	16.33	18.30
		1	49	16.35	16.43	16.45	18.30
		25	0	16.37	16.33	16.33	18.30
		25	13	16.47	16.37	16.47	18.30
		25	25	16.53	16.33	16.41	18.30
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up



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		50	0	16.42	16.37	16.39	18.30
	256QAM	1	0	16.36	16.46	16.36	18.30
		1	25	16.49	16.58	16.44	18.30
		1	49	16.56	16.48	16.44	18.30
		25	0	16.40	16.33	16.47	18.30
		25	13	16.43	16.45	16.46	18.30
		25	25	16.51	16.42	16.39	18.30
		50	0	16.43	16.49	16.37	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	16.50	16.39	16.63	18.30
		1	38	16.32	16.37	16.44	18.30
		1	74	16.32	16.40	16.61	18.30
		36	0	16.38	16.49	16.33	18.30
		36	18	16.54	16.34	16.54	18.30
		36	39	16.56	16.47	16.44	18.30
		75	0	16.46	16.42	16.33	18.30
	16QAM	1	0	16.51	16.38	16.36	18.30
		1	38	16.55	16.70	16.36	18.30
		1	74	16.32	16.48	16.30	18.30
		36	0	16.45	16.41	16.39	18.30
		36	18	16.43	16.43	16.42	18.30
		36	39	16.54	16.45	16.36	18.30
		75	0	16.42	16.38	16.36	18.30
	64QAM	1	0	16.48	16.55	16.39	18.30
		1	38	16.67	16.43	16.34	18.30
		1	74	16.35	16.47	16.41	18.30
		36	0	16.36	16.33	16.35	18.30
		36	18	16.38	16.31	16.37	18.30
		36	39	16.46	16.31	16.30	18.30
		75	0	16.46	16.30	16.34	18.30
	256QAM	1	0	16.36	16.38	16.38	18.30
		1	38	16.43	16.35	16.39	18.30
		1	74	16.51	16.54	16.48	18.30
		36	0	16.34	16.50	16.44	18.30
		36	18	16.43	16.48	16.49	18.30
		36	39	16.48	16.46	16.33	18.30
		75	0	16.46	16.42	16.38	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	16.40	16.41	16.60	18.30
		1	50	16.35	16.42	16.40	18.30
		1	99	16.47	16.44	16.65	18.30
		50	0	16.33	16.41	16.36	18.30
		50	25	16.55	16.46	16.54	18.30
		50	50	16.54	16.40	16.45	18.30
		100	0	16.52	16.42	16.35	18.30
	16QAM	1	0	16.47	16.36	16.31	18.30
		1	50	16.53	16.74	16.41	18.30
		1	99	16.38	16.48	16.36	18.30
		50	0	16.50	16.33	16.30	18.30
		50	25	16.41	16.39	16.38	18.30
		50	50	16.49	16.39	16.39	18.30
		100	0	16.37	16.36	16.32	18.30
	64QAM	1	0	16.45	16.58	16.30	18.30
		1	50	16.65	16.41	16.37	18.30
		1	99	16.40	16.46	16.47	18.30
		50	0	16.33	16.32	16.36	18.30
		50	25	16.42	16.35	16.42	18.30
		50	50	16.47	16.35	16.32	18.30
		100	0	16.48	16.33	16.37	18.30



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		1	0	16.37	16.40	16.32	18.30
		1	50	16.44	16.34	16.43	18.30
		1	99	16.53	16.53	16.42	18.30
	256QAM	50	0	16.38	16.31	16.45	18.30
		50	25	16.39	16.50	16.45	18.30
		50	50	16.51	16.41	16.35	18.30
		100	0	16.41	16.44	16.34	18.30

LTE Band 4 DS13/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	18.85	18.84	18.75	20.50
		1	2	18.91	18.85	18.88	20.50
		1	5	18.78	18.80	18.85	20.50
		3	0	18.89	18.81	18.78	20.50
		3	2	18.76	18.69	18.62	20.50
		3	3	19.21	19.14	19.16	20.50
		6	0	18.72	18.77	18.85	20.50
	16QAM	1	0	18.87	18.89	18.83	20.50
		1	2	18.53	18.63	18.55	20.50
		1	5	18.97	18.96	18.95	20.50
		3	0	18.69	18.62	18.54	20.50
		3	2	18.80	18.87	18.82	20.50
		3	3	18.62	18.72	18.69	20.50
		6	0	18.97	18.97	18.87	20.50
	64QAM	1	0	18.84	18.77	18.85	20.50
		1	2	18.95	18.92	18.88	20.50
		1	5	18.82	18.90	18.89	20.50
		3	0	18.94	18.93	19.00	20.50
		3	2	18.98	18.99	18.92	20.50
		3	3	18.89	18.85	18.90	20.50
		6	0	18.93	19.03	18.99	20.50
	256QAM	1	0	18.89	18.89	18.95	20.50
		1	2	18.81	18.86	18.79	20.50
		1	5	19.04	18.98	19.08	20.50
		3	0	18.67	18.57	18.52	20.50
		3	2	18.78	18.88	18.88	20.50
		3	3	18.85	18.77	18.80	20.50
		6	0	18.65	18.75	18.78	20.50
3MHz	QPSK	1	0	18.90	18.87	18.83	20.50
		1	7	18.85	18.79	18.76	20.50
		1	14	18.81	18.85	18.85	20.50
		8	0	18.96	18.86	18.86	20.50
		8	4	18.76	18.69	18.71	20.50
		8	7	19.09	19.07	19.07	20.50
		15	0	18.79	18.82	18.76	20.50
	16QAM	1	0	18.98	18.90	18.83	20.50
		1	7	18.60	18.65	18.74	20.50
		1	14	18.89	18.89	18.81	20.50
		8	0	18.76	18.67	18.61	20.50
		8	4	18.90	18.91	18.94	20.50
		8	7	18.88	18.80	18.73	20.50
		15	0	18.91	18.96	18.91	20.50
	64QAM	1	0	18.78	18.83	18.76	20.50
		1	7	18.97	18.99	19.05	20.50
		1	14	18.90	18.89	18.86	20.50
		8	0	18.97	18.92	18.88	20.50



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	256QAM	8	4	18.99	18.51	18.55	20.50
		8	7	19.02	18.94	19.04	20.50
		15	0	18.91	18.95	18.99	20.50
		1	0	18.97	18.92	18.92	20.50
		1	7	18.83	18.90	18.91	20.50
		1	14	18.96	19.05	19.08	20.50
		8	0	18.72	18.63	18.65	20.50
		8	4	18.72	18.81	18.90	20.50
		8	7	18.65	18.72	18.78	20.50
		15	0	18.84	18.84	18.87	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.86	18.85	18.90	20.50
		1	13	18.94	18.88	18.92	20.50
		1	24	18.94	18.95	19.05	20.50
		12	0	18.91	18.92	18.83	20.50
		12	6	18.65	18.72	18.66	20.50
		12	13	18.97	19.07	19.15	20.50
		25	0	18.82	18.73	18.67	20.50
	16QAM	1	0	18.91	18.83	18.74	20.50
		1	13	18.64	18.72	18.70	20.50
		1	24	18.83	18.85	18.82	20.50
		12	0	18.78	18.76	18.83	20.50
		12	6	18.93	18.86	18.87	20.50
		12	13	18.72	18.81	18.86	20.50
		25	0	18.99	19.03	19.04	20.50
	64QAM	1	0	18.79	18.87	18.85	20.50
		1	13	19.00	19.01	19.02	20.50
		1	24	18.75	18.83	18.77	20.50
		12	0	19.03	18.97	18.94	20.50
		12	6	18.61	18.61	18.59	20.50
		12	13	18.97	18.87	18.78	20.50
		25	0	18.92	18.85	18.89	20.50
	256QAM	1	0	18.89	18.99	18.95	20.50
		1	13	19.03	18.95	18.91	20.50
		1	24	19.01	18.98	19.02	20.50
		12	0	18.65	18.62	18.56	20.50
		12	6	18.73	18.82	18.91	20.50
		12	13	18.81	18.71	18.79	20.50
		25	0	18.83	18.90	18.83	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.96	18.94	19.04	20.50
		1	25	18.83	18.86	18.78	20.50
		1	49	18.84	18.85	18.85	20.50
		25	0	18.87	18.87	18.90	20.50
		25	13	18.89	18.79	18.79	20.50
		25	25	18.96	18.98	19.01	20.50
		50	0	18.86	18.80	18.87	20.50
	16QAM	1	0	18.75	18.78	18.82	20.50
		1	25	18.74	18.75	18.75	20.50
		1	49	18.81	18.89	18.91	20.50
		25	0	18.89	18.82	18.90	20.50
		25	13	18.89	18.89	18.96	20.50
		25	25	18.80	18.89	18.89	20.50
		50	0	19.01	19.01	18.96	20.50
	64QAM	1	0	18.84	18.80	18.76	20.50
		1	25	19.00	18.99	19.07	20.50
		1	49	18.84	18.77	18.87	20.50
		25	0	18.97	18.92	18.85	20.50
		25	13	18.76	18.71	18.70	20.50



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		25	25	18.73	18.83	18.84	20.50
		50	0	19.02	18.93	18.92	20.50
	256QAM	1	0	18.98	18.94	18.90	20.50
		1	25	19.08	18.99	19.05	20.50
		1	49	18.90	18.93	18.96	20.50
		25	0	18.59	18.65	18.63	20.50
		25	13	18.91	18.82	18.73	20.50
		25	25	18.77	18.79	18.85	20.50
		50	0	18.86	18.92	18.87	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.97	18.93	18.85	20.50
		1	38	18.82	18.84	18.80	20.50
		1	74	18.68	18.78	18.69	20.50
		36	0	18.79	18.85	18.76	20.50
		36	18	18.86	18.87	18.91	20.50
		36	39	18.99	19.02	19.10	20.50
		75	0	18.86	18.85	18.75	20.50
		75	0	18.86	18.85	18.75	20.50
	16QAM	1	0	18.61	18.69	18.77	20.50
		1	38	18.79	18.77	18.73	20.50
		1	74	18.88	18.87	18.97	20.50
		36	0	18.70	18.77	18.67	20.50
		36	18	18.87	18.86	18.89	20.50
		36	39	18.87	18.88	18.84	20.50
		75	0	18.92	18.99	19.01	20.50
		75	0	18.92	18.99	19.01	20.50
	64QAM	1	0	18.86	18.81	18.81	20.50
		1	38	18.93	18.99	18.97	20.50
		1	74	18.63	18.71	18.66	20.50
		36	0	19.00	18.94	18.87	20.50
		36	18	18.67	18.67	18.73	20.50
		36	39	18.77	18.86	18.78	20.50
		75	0	18.97	18.96	18.97	20.50
		75	0	18.97	18.96	18.97	20.50
	256QAM	1	0	18.98	18.90	18.98	20.50
		1	38	18.92	18.91	18.91	20.50
		1	74	18.87	18.93	19.00	20.50
		36	0	18.77	18.68	18.71	20.50
		36	18	18.84	18.91	18.85	20.50
		36	39	18.98	18.89	18.83	20.50
		75	0	18.87	18.95	18.91	20.50
		75	0	18.87	18.95	18.91	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	18.89	/	20.50
		1	50	/	18.88	/	20.50
		1	99	/	18.86	/	20.50
		50	0	/	18.93	/	20.50
		50	25	/	18.82	/	20.50
		50	50	/	18.93	/	20.50
		100	0	/	18.87	/	20.50
		100	0	/	18.87	/	20.50
	16QAM	1	0	/	18.76	/	20.50
		1	50	/	18.83	/	20.50
		1	99	/	18.87	/	20.50
		50	0	/	18.84	/	20.50
		50	25	/	18.83	/	20.50
		50	50	/	18.86	/	20.50
		100	0	/	18.94	/	20.50
		100	0	/	18.94	/	20.50
	64QAM	1	0	/	18.89	/	20.50
		1	50	/	18.93	/	20.50
		1	99	/	18.80	/	20.50
		50	0	/	18.90	/	20.50
		50	25	/	18.75	/	20.50
		50	50	/	18.87	/	20.50
		50	50	/	18.87	/	20.50
		50	50	/	18.87	/	20.50



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		100	0	/	18.87	/	20.50
	256QAM	1	0	/	18.89	/	20.50
		1	50	/	18.83	/	20.50
		1	99	/	18.87	/	20.50
		50	0	/	18.74	/	20.50
		50	25	/	18.88	/	20.50
		50	50	/	18.95	/	20.50
		100	0	/	18.90	/	20.50

LTE Band 4 DS1/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	19957	20175	20393	19.50
		1	2	17.95	17.92	17.93	19.50
		1	5	17.92	17.84	17.89	19.50
		1	0	17.76	17.75	17.67	19.50
		3	0	18.07	18.09	18.13	19.50
		3	2	18.09	18.04	18.02	19.50
		3	3	17.78	17.68	17.75	19.50
	16QAM	6	0	18.03	17.93	17.95	19.50
		1	0	17.70	17.78	17.85	19.50
		1	2	18.11	18.09	18.11	19.50
		1	5	18.21	18.21	18.27	19.50
		3	0	17.91	17.88	17.95	19.50
		3	2	17.80	17.84	17.79	19.50
		3	3	18.03	18.10	18.13	19.50
	64QAM	6	0	18.18	18.14	18.24	19.50
		1	0	17.78	17.83	17.74	19.50
		1	2	18.02	17.96	17.87	19.50
		1	5	17.85	17.77	17.67	19.50
		3	0	17.69	17.65	17.65	19.50
		3	2	17.99	18.02	18.00	19.50
		3	3	17.83	17.78	17.87	19.50
	256QAM	6	0	17.98	17.89	17.79	19.50
		1	0	17.83	17.93	17.90	19.50
		1	2	17.80	17.70	17.78	19.50
		1	5	17.90	17.94	17.85	19.50
		3	0	17.72	17.82	17.89	19.50
		3	2	17.95	17.92	18.00	19.50
		3	3	17.87	17.96	17.96	19.50
3MHz	QPSK	6	0	18.00	17.95	17.87	19.50
		1	0	18.11	18.02	17.98	19.50
		1	7	17.79	17.77	17.68	19.50
		1	14	17.75	17.82	17.77	19.50
		8	0	18.09	18.03	18.06	19.50
		8	4	18.06	18.13	18.14	19.50
		8	7	17.70	17.75	17.70	19.50
	16QAM	15	0	17.98	17.95	17.90	19.50
		1	0	17.61	17.68	17.75	19.50
		1	7	18.17	18.10	18.18	19.50
		1	14	18.15	18.12	18.03	19.50
		8	0	17.89	17.89	17.80	19.50
		8	4	17.94	17.84	17.82	19.50
		8	7	18.16	18.12	18.03	19.50
	64QAM	15	0	18.07	18.08	18.17	19.50
		1	0	18.00	17.90	17.84	19.50
		1	7	17.85	17.94	17.89	19.50
		1	14	17.93	17.87	17.90	19.50



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		8	0	17.71	17.74	17.66	19.50
		8	4	18.02	17.92	18.00	19.50
		8	7	17.91	17.85	17.75	19.50
		15	0	17.79	17.80	17.84	19.50
	256QAM	1	0	18.08	17.98	17.96	19.50
		1	7	17.73	17.75	17.84	19.50
		1	14	18.01	17.92	18.02	19.50
		8	0	17.95	17.87	17.78	19.50
		8	4	17.94	17.86	17.80	19.50
		8	7	17.88	17.93	18.00	19.50
		15	0	17.99	17.98	18.06	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.06	17.97	17.90	19.50
		1	13	17.74	17.83	17.85	19.50
		1	24	17.73	17.79	17.84	19.50
		12	0	17.98	18.02	18.09	19.50
		12	6	18.09	18.08	18.17	19.50
		12	13	17.81	17.85	17.78	19.50
	16QAM	25	0	17.88	17.88	17.81	19.50
		1	0	17.73	17.77	17.77	19.50
		1	13	17.93	18.01	17.98	19.50
		1	24	18.05	18.05	18.04	19.50
		12	0	17.89	17.85	17.86	19.50
		12	6	17.94	17.84	17.76	19.50
	64QAM	12	13	18.02	18.09	18.11	19.50
		25	0	18.00	17.99	18.02	19.50
		1	0	17.88	17.88	17.92	19.50
		1	13	17.93	17.99	17.97	19.50
		1	24	17.94	17.96	17.97	19.50
		12	0	17.64	17.68	17.64	19.50
	256QAM	12	6	18.11	18.01	18.00	19.50
		12	13	17.88	17.82	17.77	19.50
		25	0	17.81	17.78	17.86	19.50
		1	0	17.91	17.99	17.89	19.50
		1	13	17.67	17.77	17.69	19.50
		1	24	17.76	17.84	17.80	19.50
		12	0	17.81	17.80	17.89	19.50
		12	6	17.78	17.82	17.91	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	17.87	17.95	17.92	19.50
		1	25	17.78	17.88	17.94	19.50
		1	49	17.85	17.76	17.76	19.50
		25	0	18.01	17.97	17.95	19.50
		25	13	17.98	18.03	17.98	19.50
		25	25	17.79	17.83	17.80	19.50
	16QAM	50	0	17.80	17.78	17.84	19.50
		1	0	17.89	17.80	17.78	19.50
		1	25	17.93	17.94	18.01	19.50
		1	49	17.93	17.97	18.03	19.50
		25	0	17.98	17.89	17.85	19.50
		25	13	17.74	17.83	17.73	19.50
	64QAM	25	25	18.17	18.07	18.00	19.50
		50	0	17.86	17.92	17.84	19.50
		1	0	17.90	17.84	17.80	19.50
		1	25	17.97	18.04	18.06	19.50
		1	49	18.02	17.99	18.09	19.50
		25	0	17.79	17.78	17.78	19.50



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	256QAM	25	13	18.08	17.98	18.08	19.50
		25	25	17.80	17.74	17.74	19.50
		50	0	17.84	17.83	17.74	19.50
		1	0	18.06	17.97	17.91	19.50
		1	25	17.68	17.77	17.82	19.50
		1	49	17.92	17.82	17.89	19.50
		25	0	17.74	17.80	17.76	19.50
		25	13	17.85	17.84	17.86	19.50
		25	25	17.82	17.88	17.79	19.50
		50	0	17.96	17.97	17.99	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	17.89	17.98	17.99	19.50
		1	38	17.74	17.80	17.80	19.50
		1	74	17.77	17.81	17.83	19.50
		36	0	17.92	17.92	17.98	19.50
		36	18	17.99	17.93	17.93	19.50
		36	39	17.89	17.82	17.88	19.50
	16QAM	75	0	17.73	17.81	17.79	19.50
		1	0	17.73	17.82	17.83	19.50
		1	38	17.85	17.88	17.86	19.50
		1	74	17.99	17.94	17.91	19.50
		36	0	17.83	17.86	17.89	19.50
		36	18	17.91	17.86	17.90	19.50
	64QAM	36	39	17.91	17.97	17.98	19.50
		75	0	17.95	17.91	18.01	19.50
		1	0	17.81	17.88	17.95	19.50
		1	38	18.01	17.97	17.95	19.50
		1	74	17.84	17.93	17.99	19.50
		36	0	17.92	17.83	17.73	19.50
	256QAM	36	18	18.09	18.00	17.93	19.50
		36	39	17.89	17.81	17.80	19.50
		75	0	17.98	17.88	17.94	19.50
		1	0	17.99	17.90	17.97	19.50
		1	38	17.79	17.81	17.85	19.50
		1	74	17.89	17.80	17.88	19.50
20MHz	QPSK	36	0	17.88	17.85	17.94	19.50
		36	18	17.89	17.84	17.92	19.50
		36	39	17.74	17.84	17.76	19.50
		75	0	18.10	18.00	18.00	19.50
	16QAM	1	0	/	17.94	/	19.50
		1	50	/	17.90	/	19.50
		1	99	/	17.90	/	19.50
		50	0	/	17.90	/	19.50
		50	25	/	17.90	/	19.50
		50	50	/	17.90	/	19.50
	64QAM	100	0	/	17.90	/	19.50
		1	0	/	17.90	/	19.50
		1	50	/	17.90	/	19.50
		1	99	/	17.90	/	19.50
		50	0	/	17.90	/	19.50
		50	25	/	17.90	/	19.50
	QPSK	50	50	/	17.90	/	19.50
		100	0	/	17.90	/	19.50
	16QAM	1	0	/	17.90	/	19.50
		1	50	/	17.90	/	19.50
		1	99	/	17.90	/	19.50
		50	0	/	17.90	/	19.50
	64QAM	50	25	/	17.90	/	19.50
		50	50	/	17.90	/	19.50
		100	0	/	17.90	/	19.50
	256QAM	1	0	/	17.90	/	19.50
		1	50	/	17.90	/	19.50
		1	99	/	17.90	/	19.50
		50	0	/	17.90	/	19.50
		50	25	/	17.90	/	19.50
		50	50	/	17.90	/	19.50



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		50	50	/	17.90	/	19.50
		100	0	/	17.90	/	19.50
	256QAM	1	0	/	17.90	/	19.50
		1	50	/	17.90	/	19.50
		1	99	/	17.90	/	19.50
		50	0	/	17.90	/	19.50
		50	25	/	17.90	/	19.50
		50	50	/	17.90	/	19.50
		100	0	/	17.90	/	19.50

LTE Band 7 DIS1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	14.19	14.06	14.20	16.00
		1	13	14.19	14.07	14.21	16.00
		1	24	14.23	14.12	14.27	16.00
		12	0	14.10	14.07	14.12	16.00
		12	6	14.10	14.20	14.17	16.00
		12	13	14.04	14.11	14.22	16.00
		25	0	14.12	14.01	14.27	16.00
	16QAM	1	0	14.33	14.21	14.21	16.00
		1	13	14.17	14.14	14.43	16.00
		1	24	14.18	14.29	14.12	16.00
		12	0	14.04	14.11	14.33	16.00
		12	6	14.17	14.14	14.34	16.00
		12	13	14.10	14.16	14.26	16.00
	64QAM	25	0	14.15	14.06	14.21	16.00
		1	0	14.14	14.14	14.17	16.00
		1	13	14.08	14.31	14.49	16.00
		1	24	14.04	14.08	14.52	16.00
		12	0	14.14	14.11	14.28	16.00
		12	6	14.18	14.19	14.30	16.00
	256QAM	12	13	14.14	14.04	14.32	16.00
		25	0	14.07	14.06	14.13	16.00
		1	0	14.08	14.15	14.24	16.00
		1	13	14.27	14.16	14.40	16.00
		1	24	14.20	14.19	14.50	16.00
		12	0	14.07	14.04	14.17	16.00
		12	6	14.13	14.06	14.29	16.00
10MHz	QPSK	12	13	14.13	14.20	14.26	16.00
		25	0	14.16	14.10	14.19	16.00
		1	0	14.31	14.14	14.18	16.00
		1	25	14.18	14.10	14.44	16.00
		1	49	14.19	14.29	14.16	16.00
		25	0	14.06	14.14	14.30	16.00
		25	13	14.14	14.09	14.31	16.00
	16QAM	25	25	14.18	14.13	14.29	16.00
		50	0	14.13	14.04	14.28	16.00
		1	0	14.20	14.19	14.17	16.00
		1	25	14.08	14.31	14.50	16.00
		1	49	14.19	14.29	14.16	16.00
		25	0	14.06	14.14	14.30	16.00
	64QAM	25	13	14.14	14.09	14.31	16.00
		25	25	14.18	14.13	14.29	16.00
		50	0	14.13	14.04	14.28	16.00
		1	0	14.20	14.19	14.17	16.00
		1	25	14.08	14.31	14.50	16.00
		1	49	14.19	14.29	14.16	16.00
		25	0	14.06	14.14	14.30	16.00



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		1	49	14.08	14.06	14.53	16.00
		25	0	14.13	14.09	14.29	16.00
		25	13	14.24	14.20	14.30	16.00
		25	25	14.08	14.05	14.35	16.00
		50	0	14.07	14.04	14.11	16.00
	256QAM	1	0	14.06	14.13	14.26	16.00
		1	25	14.28	14.11	14.39	16.00
		1	49	14.16	14.17	14.50	16.00
		25	0	14.07	14.02	14.21	16.00
		25	13	14.12	14.04	14.28	16.00
15MHz	QPSK	25	25	14.14	14.21	14.25	16.00
		50	0	14.16	14.08	14.21	16.00
	16QAM	1	0	14.22	14.10	14.15	16.00
		1	38	14.18	14.02	14.26	16.00
		1	74	14.30	14.14	14.24	16.00
	64QAM	36	0	14.14	14.08	14.14	16.00
		36	18	14.05	14.25	14.12	16.00
		36	39	14.11	14.12	14.21	16.00
		75	0	14.15	14.03	14.22	16.00
		75	38	14.31	14.21	14.22	16.00
20MHz	QPSK	1	0	14.20	14.14	14.40	16.00
		1	38	14.19	14.29	14.17	16.00
		1	74	14.11	14.15	14.33	16.00
		36	0	14.17	14.11	14.36	16.00
		36	18	14.15	14.15	14.34	16.00
	16QAM	36	39	14.14	14.10	14.22	16.00
		75	0	14.20	14.18	14.14	16.00
		75	38	14.12	14.36	14.45	16.00
		1	74	14.04	14.10	14.50	16.00
		36	0	14.15	14.13	14.28	16.00
256QAM	QPSK	36	18	14.16	14.24	14.27	16.00
		36	39	14.14	14.05	14.31	16.00
		75	0	14.11	14.02	14.14	16.00
		1	0	14.05	14.15	14.22	16.00
		1	38	14.21	14.17	14.37	16.00
	16QAM	1	74	14.14	14.15	14.47	16.00
		36	0	14.12	14.02	14.22	16.00
		36	18	14.11	14.05	14.31	16.00
		36	39	14.16	14.18	14.26	16.00
		75	0	14.15	14.07	14.19	16.00
256QAM	QPSK	1	0	14.18	14.01	14.13	16.00
		1	50	14.14	14.00	14.18	16.00
		1	99	14.22	14.07	14.19	16.00
		50	0	14.05	14.02	14.09	16.00
		50	25	14.04	14.18	14.10	16.00
	16QAM	50	50	14.02	14.08	14.16	16.00
		100	0	14.08	14.00	14.20	16.00
		1	0	14.30	14.13	14.13	16.00
		1	50	14.16	14.06	14.37	16.00
		1	99	14.13	14.24	14.08	16.00
64QAM	QPSK	50	0	14.02	14.09	14.24	16.00
		50	25	14.09	14.06	14.28	16.00
		50	50	14.09	14.10	14.25	16.00
		100	0	14.07	14.03	14.19	16.00
		1	0	14.12	14.12	14.09	16.00
	16QAM	1	50	14.03	14.27	14.44	16.00
		1	99	14.03	14.03	14.48	16.00
		1	0	14.12	14.12	14.09	16.00
		1	50	14.03	14.27	14.44	16.00
		1	99	14.03	14.03	14.48	16.00



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		50	0	14.06	14.07	14.21	16.00
		50	25	14.15	14.17	14.25	16.00
		50	50	14.06	14.03	14.29	16.00
		100	0	14.04	14.01	14.10	16.00
	256QAM	1	0	14.04	14.08	14.19	16.00
		1	50	14.19	14.08	14.33	16.00
		1	99	14.11	14.11	14.44	16.00
		50	0	14.03	14.00	14.15	16.00
		50	25	14.10	14.02	14.25	16.00
		50	50	14.08	14.13	14.18	16.00
		100	0	14.07	14.06	14.18	16.00

LTE Band 7 DIS3/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	13.85	13.96	13.87	15.50
		1	13	13.87	13.89	14.02	15.50
		1	24	13.95	13.62	14.11	15.50
		12	0	13.87	13.70	13.78	15.50
		12	6	13.82	13.68	13.71	15.50
		12	13	13.90	13.75	13.88	15.50
		25	0	13.77	13.76	13.73	15.50
	16QAM	1	0	13.86	13.54	13.74	15.50
		1	13	13.62	13.77	13.76	15.50
		1	24	13.79	13.85	13.73	15.50
		12	0	13.93	13.90	13.72	15.50
		12	6	13.82	13.63	13.89	15.50
		12	13	13.85	13.80	13.97	15.50
		25	0	14.03	13.80	13.75	15.50
	64QAM	1	0	14.09	13.81	13.80	15.50
		1	13	13.59	14.16	13.85	15.50
		1	24	13.95	13.71	13.83	15.50
		12	0	13.91	13.64	13.77	15.50
		12	6	13.84	13.77	13.87	15.50
		12	13	13.94	13.88	13.87	15.50
		25	0	13.90	13.77	13.88	15.50
	256QAM	1	0	13.69	13.85	13.90	15.50
		1	13	13.87	13.87	14.10	15.50
		1	24	14.04	14.01	14.07	15.50
		12	0	13.52	13.79	13.86	15.50
		12	6	13.81	13.63	14.12	15.50
		12	13	13.62	13.67	13.72	15.50
		25	0	13.91	13.64	13.91	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	13.55	13.86	13.84	15.50
		1	25	13.95	13.94	14.02	15.50
		1	49	13.88	13.71	14.18	15.50
		25	0	13.87	13.75	13.86	15.50
		25	13	13.82	13.69	13.80	15.50
		25	25	13.82	13.74	13.83	15.50
		50	0	13.78	13.81	13.75	15.50
	16QAM	1	0	13.87	13.57	13.77	15.50
		1	25	13.57	13.83	13.73	15.50
		1	49	13.74	13.77	13.80	15.50
		25	0	13.96	13.90	13.80	15.50
		25	13	13.72	13.66	13.85	15.50
		25	25	13.81	13.80	13.92	15.50
		50	0	13.98	13.73	13.76	15.50



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	64QAM	1	0	14.15	13.71	13.71	15.50
		1	25	13.65	14.19	13.76	15.50
		1	49	13.91	13.66	13.87	15.50
		25	0	13.82	13.69	13.83	15.50
		25	13	13.93	13.73	13.91	15.50
		25	25	13.86	13.94	13.78	15.50
	256QAM	50	0	13.84	13.72	13.98	15.50
		1	0	13.69	13.89	13.82	15.50
		1	25	13.89	13.95	14.09	15.50
		1	49	14.11	13.93	14.14	15.50
		25	0	13.52	13.83	13.76	15.50
		25	13	13.82	13.59	14.02	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	13.62	13.81	13.93	15.50
		1	38	13.90	13.94	13.99	15.50
		1	74	13.79	13.66	14.10	15.50
		36	0	13.78	13.69	13.86	15.50
		36	18	13.79	13.61	13.85	15.50
		36	39	13.91	13.67	13.84	15.50
	16QAM	75	0	13.82	13.72	13.84	15.50
		1	0	13.89	13.65	13.84	15.50
		1	38	13.58	13.84	13.75	15.50
		1	74	13.71	13.74	13.87	15.50
		36	0	13.87	13.86	13.74	15.50
		36	18	13.67	13.58	13.79	15.50
	64QAM	36	39	13.75	13.78	13.87	15.50
		75	0	13.88	13.68	13.81	15.50
		1	0	14.09	13.72	13.71	15.50
		1	38	13.72	14.11	13.84	15.50
		1	74	13.86	13.73	13.81	15.50
		36	0	13.72	13.61	13.83	15.50
	256QAM	36	18	13.95	13.68	13.86	15.50
		36	39	13.78	13.85	13.85	15.50
		75	0	13.82	13.64	13.89	15.50
		1	0	13.78	13.84	13.89	15.50
		1	38	13.98	13.88	14.00	15.50
		1	74	14.05	13.99	14.20	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	13.62	13.75	14.02	15.50
		1	50	13.87	13.96	13.52	15.50
		1	99	13.74	13.58	14.14	15.50
		50	0	13.80	13.74	13.79	15.50
		50	25	13.79	13.65	13.81	15.50
		50	50	13.82	13.70	13.81	15.50
	16QAM	100	0	13.81	13.79	13.79	15.50
		1	0	13.97	13.66	13.77	15.50
		1	50	13.62	13.79	13.65	15.50
		1	99	13.70	13.75	13.82	15.50
		50	0	13.85	13.85	13.79	15.50
		50	25	13.76	13.61	13.73	15.50
	64QAM	50	50	13.81	13.73	13.86	15.50
		100	0	13.85	13.72	13.86	15.50
		1	0	13.99	13.64	13.78	15.50



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		1	50	13.81	14.07	13.78	15.50
		1	99	13.78	13.69	13.84	15.50
		50	0	13.80	13.66	13.82	15.50
		50	25	13.86	13.74	13.85	15.50
		50	50	13.81	13.75	13.89	15.50
		100	0	13.85	13.73	13.81	15.50
	256QAM	1	0	13.85	13.85	13.84	15.50
		1	50	14.04	13.80	14.06	15.50
		1	99	13.97	13.91	14.10	15.50
		50	0	13.72	13.65	13.79	15.50
		50	25	13.78	13.68	13.86	15.50
		50	50	13.83	13.72	13.88	15.50
		100	0	13.83	13.70	13.75	15.50

LTE Band 66 DS13/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	131979	132322	132665	20.60
		1	2	19.19	19.16	19.16	20.60
		1	5	19.14	19.17	19.12	20.60
		3	0	19.27	19.21	19.31	20.60
		3	1	19.27	19.27	19.30	20.60
		3	3	19.32	19.27	19.31	20.60
	16QAM	3	3	19.31	19.26	19.34	20.60
		6	0	19.30	19.30	19.32	20.60
		1	0	19.20	19.21	19.27	20.60
		1	2	19.20	19.20	19.21	20.60
		1	5	19.20	19.14	19.27	20.60
		3	0	19.28	19.23	19.33	20.60
	64QAM	3	1	19.25	19.21	19.17	20.60
		3	3	19.36	19.29	19.40	20.60
		6	0	19.24	19.24	19.35	20.60
		1	0	19.36	19.30	19.33	20.60
		1	2	19.37	19.27	19.34	20.60
		1	5	19.41	19.33	19.40	20.60
	256QAM	3	0	19.17	19.14	19.17	20.60
		3	1	19.23	19.13	19.20	20.60
		3	3	19.23	19.22	19.26	20.60
		6	0	19.27	19.26	19.29	20.60
		1	0	18.85	18.72	18.81	20.60
		1	2	18.76	18.69	18.75	20.60
3MHz	QPSK	1	5	18.81	18.83	18.82	20.60
		3	0	18.65	18.62	18.69	20.60
		3	1	18.94	18.86	18.88	20.60
		3	3	18.77	18.78	18.78	20.60
		6	0	18.79	18.74	18.80	20.60
		1	0	19.23	19.16	19.23	20.60
	16QAM	1	7	19.20	19.12	19.12	20.60
		1	14	19.31	19.17	19.24	20.60
		8	0	19.27	19.28	19.29	20.60
		8	4	19.34	19.20	19.36	20.60
		8	7	19.32	19.31	19.30	20.60
		15	0	19.28	19.25	19.26	20.60
	QPSK	1	0	19.22	19.20	19.26	20.60
		1	7	19.19	19.12	19.20	20.60
		1	14	19.21	19.22	19.27	20.60
		8	0	19.32	19.20	19.26	20.60
		8	4	19.20	19.21	19.22	20.60
		8	7	19.20	19.21	19.22	20.60



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	64QAM	8	7	19.40	19.25	19.34	20.60
		15	0	19.30	19.24	19.37	20.60
		1	0	19.33	19.26	19.33	20.60
		1	7	19.38	19.27	19.31	20.60
		1	14	19.47	19.32	19.35	20.60
		8	0	19.16	19.20	19.17	20.60
		8	4	19.21	19.17	19.24	20.60
		8	7	19.27	19.17	19.27	20.60
		15	0	19.27	19.24	19.28	20.60
	256QAM	1	0	18.85	18.76	18.77	20.60
		1	7	18.73	18.68	18.73	20.60
		1	14	18.79	18.82	18.86	20.60
		8	0	18.65	18.64	18.69	20.60
		8	4	18.93	18.85	18.87	20.60
		8	7	18.78	18.74	18.76	20.60
		15	0	18.79	18.79	18.87	20.60
Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	19.19	19.16	19.22	20.60
		1	13	19.18	19.12	19.14	20.60
		1	24	19.31	19.16	19.28	20.60
		12	0	19.30	19.24	19.26	20.60
		12	6	19.32	19.20	19.33	20.60
		12	13	19.36	19.32	19.34	20.60
		25	0	19.30	19.24	19.30	20.60
	16QAM	1	0	19.21	19.21	19.22	20.60
		1	13	19.22	19.12	19.19	20.60
		1	24	19.20	19.15	19.29	20.60
		12	0	19.24	19.23	19.33	20.60
		12	6	19.25	19.18	19.19	20.60
		12	13	19.37	19.30	19.40	20.60
		25	0	19.28	19.21	19.38	20.60
	64QAM	1	0	19.29	19.33	19.30	20.60
		1	13	19.40	19.33	19.33	20.60
		1	24	19.47	19.35	19.36	20.60
		12	0	19.21	19.19	19.15	20.60
		12	6	19.22	19.20	19.24	20.60
		12	13	19.23	19.16	19.23	20.60
		25	0	19.23	19.21	19.24	20.60
	256QAM	1	0	18.82	18.75	18.73	20.60
		1	13	18.81	18.71	18.72	20.60
		1	24	18.76	18.80	18.85	20.60
		12	0	18.62	18.67	18.69	20.60
		12	6	18.88	18.86	18.94	20.60
		12	13	18.77	18.72	18.81	20.60
		25	0	18.84	18.81	18.82	20.60
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	19.20	19.15	19.16	20.60
		1	25	19.16	19.15	19.19	20.60
		1	49	19.27	19.16	19.23	20.60
		25	0	19.33	19.24	19.29	20.60
		25	13	19.29	19.22	19.33	20.60
		25	25	19.34	19.29	19.35	20.60
		50	0	19.30	19.29	19.27	20.60
	16QAM	1	0	19.25	19.15	19.21	20.60
		1	25	19.18	19.19	19.17	20.60
		1	49	19.18	19.18	19.26	20.60
		25	0	19.29	19.18	19.28	20.60
		25	13	19.19	19.15	19.23	20.60
		25	25	19.37	19.30	19.34	20.60



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	64QAM	50	0	19.30	19.26	19.36	20.60
		1	0	19.30	19.31	19.34	20.60
		1	25	19.38	19.30	19.32	20.60
		1	49	19.47	19.35	19.41	20.60
		25	0	19.18	19.20	19.22	20.60
		25	13	19.23	19.14	19.21	20.60
		25	25	19.26	19.19	19.30	20.60
	256QAM	50	0	19.29	19.22	19.30	20.60
		1	0	18.86	18.73	18.78	20.60
		1	25	18.80	18.73	18.75	20.60
		1	49	18.83	18.78	18.82	20.60
		25	0	18.62	18.63	18.73	20.60
		25	13	18.94	18.80	18.87	20.60
		25	25	18.74	18.75	18.74	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.16	19.20	19.21	20.60
		1	38	19.15	19.13	19.12	20.60
		1	74	19.29	19.18	19.24	20.60
		36	0	19.32	19.22	19.26	20.60
		36	18	19.34	19.21	19.34	20.60
		36	39	19.31	19.29	19.33	20.60
		75	0	19.30	19.29	19.29	20.60
	16QAM	1	0	19.23	19.21	19.20	20.60
		1	38	19.20	19.20	19.23	20.60
		1	74	19.22	19.18	19.21	20.60
		36	0	19.26	19.22	19.30	20.60
		36	18	19.25	19.19	19.24	20.60
		36	39	19.40	19.33	19.42	20.60
		75	0	19.31	19.23	19.31	20.60
	64QAM	1	0	19.30	19.31	19.32	20.60
		1	38	19.43	19.35	19.30	20.60
		1	74	19.39	19.34	19.38	20.60
		36	0	19.20	19.21	19.19	20.60
		36	18	19.21	19.16	19.22	20.60
		36	39	19.26	19.22	19.22	20.60
		75	0	19.24	19.25	19.30	20.60
	256QAM	1	0	18.87	18.74	18.81	20.60
		1	38	18.75	18.73	18.72	20.60
		1	74	18.82	18.79	18.85	20.60
		36	0	18.62	18.66	18.68	20.60
		36	18	18.89	18.86	18.90	20.60
		36	39	18.79	18.73	18.79	20.60
		75	0	18.79	18.76	18.79	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	19.15	19.12	19.14	20.60
		1	50	19.12	19.10	19.11	20.60
		1	99	19.22	19.15	19.22	20.60
		50	0	19.24	19.19	19.21	20.60
		50	25	19.26	19.19	19.28	20.60
		50	50	19.29	19.23	19.26	20.60
		100	0	19.25	19.21	19.25	20.60
	16QAM	1	0	19.17	19.13	19.18	20.60
		1	50	19.16	19.11	19.14	20.60
		1	99	19.17	19.13	19.20	20.60
		50	0	19.23	19.16	19.24	20.60
		50	25	19.18	19.14	19.15	20.60
		50	50	19.31	19.24	19.33	20.60
		100	0	19.22	19.20	19.29	20.60



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	64QAM	1	0	19.28	19.25	19.29	20.60
		1	50	19.35	19.26	19.29	20.60
		1	99	19.38	19.29	19.34	20.60
		50	0	19.15	19.12	19.14	20.60
		50	25	19.20	19.12	19.15	20.60
		50	50	19.18	19.14	19.21	20.60
		100	0	19.21	19.18	19.22	20.60
	256QAM	1	0	18.79	18.71	18.72	20.60
		1	50	18.72	18.66	18.67	20.60
		1	99	18.75	18.74	18.77	20.60
		50	0	18.61	18.60	18.67	20.60
		50	25	18.87	18.79	18.85	20.60
		50	50	18.72	18.70	18.73	20.60
		100	0	18.76	18.72	18.78	20.60

LTE Band 66 DSI1/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 131979	Channel 132322	Channel 132665	Tune up
1.4MHz	QPSK	1	0	18.78	18.75	18.65	20.10
		1	2	18.79	18.82	19.02	20.10
		1	5	18.79	18.64	18.84	20.10
		3	0	18.69	18.71	18.78	20.10
		3	1	18.76	18.83	18.72	20.10
		3	3	18.86	18.76	18.66	20.10
	16QAM	6	0	18.75	18.76	18.74	20.10
		1	0	18.78	18.77	18.72	20.10
		1	2	18.77	18.75	18.75	20.10
		1	5	18.77	18.76	18.76	20.10
		3	0	18.81	18.68	18.77	20.10
		3	1	18.66	18.72	18.78	20.10
	64QAM	3	3	18.80	18.84	18.70	20.10
		6	0	18.71	18.80	18.78	20.10
		1	0	18.75	18.80	18.80	20.10
		1	2	18.78	18.72	18.87	20.10
		1	5	18.72	18.80	18.79	20.10
		3	0	18.86	18.76	18.77	20.10
	256QAM	3	1	18.84	18.78	18.76	20.10
		3	3	18.69	18.77	18.71	20.10
		6	0	18.84	18.75	18.74	20.10
		1	0	18.84	18.76	18.64	20.10
		1	2	18.92	18.87	18.69	20.10
		1	5	18.74	18.86	18.69	20.10
3MHz	QPSK	3	0	18.81	18.66	18.70	20.10
		3	1	18.68	18.80	18.74	20.10
		3	3	18.68	18.70	18.82	20.10
		6	0	18.75	18.75	18.85	20.10
	16QAM	1	0	18.74	18.83	18.75	20.10
		1	7	18.78	18.72	18.76	20.10
		1	14	18.73	18.81	18.79	20.10
		8	0	18.76	18.66	18.78	20.10
		8	4	18.79	18.79	18.73	20.10
		8	7	18.88	18.74	18.63	20.10
		15	0	18.73	18.80	18.71	20.10
		8	0	18.76	18.66	18.78	20.10



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		8	4	18.61	18.75	18.77	20.10
		8	7	18.85	18.87	18.74	20.10
		15	0	18.68	18.81	18.79	20.10
	64QAM	1	0	18.73	18.81	18.82	20.10
		1	7	18.81	18.75	18.84	20.10
		1	14	18.73	18.77	18.78	20.10
		8	0	18.87	18.82	18.78	20.10
		8	4	18.79	18.79	18.76	20.10
		8	7	18.75	18.80	18.71	20.10
		15	0	18.80	18.80	18.71	20.10
	256QAM	1	0	18.84	18.82	18.70	20.10
		1	7	18.94	18.84	18.67	20.10
		1	14	18.70	18.80	18.64	20.10
		8	0	18.82	18.70	18.71	20.10
		8	4	18.68	18.76	18.71	20.10
		8	7	18.66	18.66	18.78	20.10
		15	0	18.80	18.79	18.81	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	18.72	18.76	18.71	20.10
		1	13	18.86	18.81	19.04	20.10
		1	24	18.81	18.71	18.81	20.10
		12	0	18.74	18.74	18.78	20.10
		12	6	18.78	18.80	18.69	20.10
		12	13	18.81	18.78	18.69	20.10
		25	0	18.70	18.74	18.72	20.10
	16QAM	1	0	18.75	18.83	18.73	20.10
		1	13	18.77	18.75	18.78	20.10
		1	24	18.77	18.77	18.79	20.10
		12	0	18.83	18.68	18.75	20.10
		12	6	18.67	18.78	18.77	20.10
		12	13	18.83	18.86	18.70	20.10
		25	0	18.64	18.84	18.76	20.10
	64QAM	1	0	18.72	18.78	18.80	20.10
		1	13	18.75	18.75	18.84	20.10
		1	24	18.78	18.74	18.76	20.10
		12	0	18.82	18.80	18.82	20.10
		12	6	18.85	18.73	18.73	20.10
		12	13	18.74	18.81	18.73	20.10
		25	0	18.80	18.82	18.68	20.10
	256QAM	1	0	18.85	18.79	18.64	20.10
		1	13	18.88	18.87	18.74	20.10
		1	24	18.75	18.86	18.71	20.10
		12	0	18.78	18.66	18.75	20.10
		12	6	18.70	18.79	18.68	20.10
		12	13	18.64	18.71	18.82	20.10
		25	0	18.73	18.73	18.85	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	18.77	18.76	18.65	20.10
		1	25	18.82	18.77	19.03	20.10
		1	49	18.80	18.63	18.85	20.10
		25	0	18.71	18.71	18.77	20.10
		25	13	18.78	18.85	18.66	20.10
		25	25	18.88	18.74	18.62	20.10
		50	0	18.77	18.74	18.74	20.10
	16QAM	1	0	18.72	18.82	18.69	20.10
		1	25	18.77	18.73	18.77	20.10
		1	49	18.75	18.75	18.79	20.10
		25	0	18.76	18.73	18.75	20.10
		25	13	18.61	18.72	18.74	20.10



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	64QAM	25	25	18.85	18.87	18.73	20.10
		50	0	18.66	18.80	18.74	20.10
		1	0	18.70	18.78	18.80	20.10
		1	25	18.81	18.76	18.83	20.10
		1	49	18.80	18.79	18.76	20.10
		25	0	18.82	18.77	18.76	20.10
		25	13	18.80	18.77	18.75	20.10
		25	25	18.69	18.77	18.68	20.10
		50	0	18.82	18.76	18.71	20.10
	256QAM	1	0	18.87	18.84	18.70	20.10
		1	25	18.94	18.81	18.75	20.10
		1	49	18.76	18.86	18.65	20.10
		25	0	18.81	18.65	18.78	20.10
		25	13	18.69	18.78	18.68	20.10
		25	25	18.64	18.66	18.83	20.10
		50	0	18.72	18.78	18.84	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	18.78	18.81	18.65	20.10
		1	38	18.85	18.85	19.05	20.10
		1	74	18.77	18.64	18.82	20.10
		36	0	18.67	18.72	18.74	20.10
		36	18	18.79	18.85	18.74	20.10
		36	39	18.80	18.78	18.67	20.10
		75	0	18.75	18.76	18.67	20.10
	16QAM	1	0	18.78	18.78	18.69	20.10
		1	38	18.75	18.73	18.80	20.10
		1	74	18.75	18.82	18.79	20.10
		36	0	18.77	18.68	18.70	20.10
		36	18	18.61	18.74	18.77	20.10
		36	39	18.86	18.85	18.66	20.10
		75	0	18.69	18.76	18.76	20.10
	64QAM	1	0	18.73	18.74	18.80	20.10
		1	38	18.80	18.69	18.88	20.10
		1	74	18.76	18.80	18.71	20.10
		36	0	18.86	18.77	18.84	20.10
		36	18	18.79	18.74	18.71	20.10
		36	39	18.69	18.76	18.75	20.10
		75	0	18.84	18.76	18.71	20.10
	256QAM	1	0	18.80	18.84	18.65	20.10
		1	38	18.93	18.80	18.72	20.10
		1	74	18.75	18.81	18.68	20.10
		36	0	18.79	18.72	18.77	20.10
		36	18	18.73	18.77	18.73	20.10
		36	39	18.66	18.71	18.79	20.10
		75	0	18.74	18.78	18.82	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	18.70	18.74	18.63	20.10
		1	50	18.78	18.99	18.90	20.10
		1	99	18.75	18.62	18.78	20.10
		50	0	18.86	18.87	18.85	20.10
		50	25	18.99	18.96	18.92	20.10
		50	50	18.90	18.92	18.80	20.10
		100	0	18.68	18.73	18.66	20.10
	16QAM	1	0	18.69	18.76	18.67	20.10
		1	50	18.72	18.71	18.73	20.10
		1	99	18.69	18.74	18.74	20.10
		50	0	18.74	18.65	18.69	20.10
		50	25	18.60	18.70	18.70	20.10
		50	50	18.79	18.78	18.65	20.10



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		100	0	18.63	18.75	18.73	20.10
	64QAM	1	0	18.67	18.73	18.75	20.10
		1	50	18.73	18.68	18.79	20.10
		1	99	18.71	18.73	18.70	20.10
		50	0	18.78	18.74	18.75	20.10
		50	25	18.78	18.70	18.70	20.10
		50	50	18.66	18.75	18.67	20.10
		100	0	18.77	18.73	18.65	20.10
	256QAM	1	0	18.78	18.75	18.61	20.10
		1	50	18.85	18.78	18.66	20.10
		1	99	18.69	18.77	18.62	20.10
		50	0	18.74	18.63	18.69	20.10
		50	25	18.65	18.73	18.66	20.10
		50	50	18.62	18.64	18.76	20.10
		100	0	18.71	18.72	18.78	20.10

LTE Band 38 DSI3/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	16.08	15.98	16.05	17.60
		1	13	16.10	16.04	15.97	17.60
		1	24	15.98	16.04	16.11	17.60
		12	0	16.26	16.35	16.39	17.60
		12	6	16.11	16.16	16.14	17.60
		12	13	16.12	16.17	16.17	17.60
	16QAM	25	0	16.11	16.16	16.18	17.60
		1	0	15.95	16.01	16.04	17.60
		1	13	16.34	16.32	16.38	17.60
		1	24	16.00	16.10	16.00	17.60
		12	0	16.14	16.22	16.13	17.60
		12	6	16.39	16.30	16.37	17.60
	64QAM	12	13	16.27	16.27	16.36	17.60
		25	0	16.07	16.17	16.15	17.60
		1	0	16.22	16.20	16.20	17.60
		1	13	16.03	15.93	15.87	17.60
		1	24	16.08	16.16	16.18	17.60
		12	0	16.30	16.21	16.29	17.60
	256QAM	12	6	16.12	16.12	16.15	17.60
		12	13	16.24	16.29	16.35	17.60
		25	0	16.05	16.12	16.17	17.60
		1	0	16.02	15.98	16.03	17.60
		1	13	16.46	16.42	16.39	17.60
		1	24	15.97	16.02	16.00	17.60
10MHz	QPSK	12	0	16.34	16.42	16.45	17.60
		12	6	16.43	16.40	16.48	17.60
		12	13	16.28	16.25	16.16	17.60
		25	0	16.27	16.18	16.18	17.60
		1	0	16.02	15.98	16.03	17.60
		1	13	16.46	16.42	16.39	17.60
	16QAM	1	24	15.97	16.02	16.00	17.60
		12	0	16.34	16.42	16.45	17.60
		12	6	16.43	16.40	16.48	17.60
		12	13	16.28	16.25	16.16	17.60
		25	0	16.27	16.18	16.18	17.60
		1	0	16.02	15.98	16.03	17.60
		1	13	16.46	16.42	16.39	17.60
		1	24	15.97	16.02	16.00	17.60



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		25	0	16.08	16.17	16.11	17.60
		25	13	16.20	16.20	16.26	17.60
		25	25	16.18	16.24	16.16	17.60
		50	0	16.00	16.10	16.15	17.60
	64QAM	1	0	16.16	16.15	16.18	17.60
		1	25	16.03	16.01	16.09	17.60
		1	49	16.04	16.14	16.22	17.60
		25	0	16.33	16.23	16.13	17.60
		25	13	15.99	16.02	15.94	17.60
		25	25	16.30	16.33	16.31	17.60
		50	0	16.11	16.16	16.22	17.60
		50	0	16.11	16.16	16.22	17.60
	256QAM	1	0	16.00	16.03	16.03	17.60
		1	25	16.51	16.44	16.48	17.60
		1	49	16.05	16.08	16.17	17.60
		25	0	16.43	16.34	16.24	17.60
		25	13	16.32	16.42	16.43	17.60
		25	25	16.20	16.27	16.23	17.60
		50	0	16.27	16.19	16.18	17.60
		50	0	16.27	16.19	16.18	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	15.84	15.93	15.98	17.60
		1	38	16.06	15.99	15.90	17.60
		1	74	15.91	15.97	15.97	17.60
		36	0	16.21	16.21	16.21	17.60
		36	18	16.28	16.24	16.33	17.60
		36	39	16.02	16.12	16.14	17.60
		75	0	16.00	16.10	16.03	17.60
		75	0	16.00	16.10	16.03	17.60
	16QAM	1	0	15.97	15.94	15.97	17.60
		1	38	16.22	16.19	16.20	17.60
		1	74	16.19	16.12	16.03	17.60
		36	0	16.22	16.20	16.15	17.60
		36	18	16.05	16.10	16.01	17.60
		36	39	16.37	16.27	16.31	17.60
		75	0	16.13	16.13	16.08	17.60
		75	0	16.13	16.13	16.08	17.60
	64QAM	1	0	16.03	16.12	16.22	17.60
		1	38	15.92	15.98	15.97	17.60
		1	74	16.14	16.14	16.14	17.60
		36	0	16.40	16.33	16.23	17.60
		36	18	16.07	16.10	16.03	17.60
		36	39	16.34	16.31	16.25	17.60
		75	0	16.34	16.26	16.20	17.60
		75	0	16.34	16.26	16.20	17.60
	256QAM	1	0	16.05	16.11	16.05	17.60
		1	38	16.42	16.40	16.39	17.60
		1	74	16.00	16.06	16.08	17.60
		36	0	16.19	16.24	16.20	17.60
		36	18	16.44	16.36	16.39	17.60
		36	39	16.15	16.25	16.19	17.60
		75	0	16.33	16.23	16.25	17.60
		75	0	16.33	16.23	16.25	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	15.96	/	17.60
		1	50	/	15.95	/	17.60
		1	99	/	15.94	/	17.60
		50	0	/	16.26	/	17.60
		50	25	/	16.25	/	17.60
		50	50	/	16.16	/	17.60
		100	0	/	16.12	/	17.60
		100	0	/	16.12	/	17.60
	16QAM	1	0	/	16.02	/	17.60
		1	50	/	16.16	/	17.60
		1	99	/	16.02	/	17.60
		50	0	/	16.27	/	17.60



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		50	25	/	16.21	/	17.60
		50	50	/	16.15	/	17.60
		100	0	/	16.22	/	17.60
	64QAM	1	0	/	16.12	/	17.60
		1	50	/	16.00	/	17.60
		1	99	/	16.14	/	17.60
		50	0	/	16.24	/	17.60
		50	25	/	16.23	/	17.60
		50	50	/	16.20	/	17.60
		100	0	/	16.19	/	17.60
	256QAM	1	0	/	16.14	/	17.60
		1	50	/	16.38	/	17.60
		1	99	/	16.17	/	17.60
		50	0	/	16.28	/	17.60
		50	25	/	16.25	/	17.60
		50	50	/	16.25	/	17.60
		100	0	/	16.21	/	17.60

LTE Band 38 DSI1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	16.31	16.33	16.40	18.10
		1	13	16.52	16.42	16.47	18.10
		1	24	16.58	16.49	16.42	18.10
		12	0	16.57	16.59	16.66	18.10
		12	6	16.66	16.66	16.67	18.10
		12	13	16.62	16.58	16.63	18.10
	16QAM	25	0	16.62	16.67	16.60	18.10
		1	0	16.54	16.49	16.52	18.10
		1	13	16.43	16.35	16.28	18.10
		1	24	16.23	16.31	16.34	18.10
		12	0	16.53	16.59	16.64	18.10
		12	6	16.92	16.86	16.84	18.10
	64QAM	12	13	16.44	16.44	16.34	18.10
		25	0	16.41	16.42	16.46	18.10
		1	0	16.52	16.51	16.41	18.10
		1	13	16.54	16.56	16.59	18.10
		1	24	16.49	16.48	16.56	18.10
		12	0	16.69	16.73	16.73	18.10
	256QAM	12	6	16.63	16.70	16.75	18.10
		12	13	16.58	16.51	16.54	18.10
		25	0	16.80	16.79	16.72	18.10
		1	0	16.53	16.56	16.60	18.10
		1	13	16.92	16.86	16.80	18.10
		1	24	16.57	16.53	16.48	18.10
10MHz	QPSK	12	0	16.49	16.42	16.52	18.10
		12	6	16.57	16.56	16.63	18.10
		12	13	16.71	16.67	16.57	18.10
		25	0	16.82	16.74	16.73	18.10
		1	0	16.32	16.39	16.32	18.10
		1	25	16.43	16.41	16.37	18.10
	16QAM	1	49	16.42	16.40	16.31	18.10
		25	0	16.52	16.62	16.62	18.10
		25	13	16.76	16.68	16.78	18.10
		25	25	16.66	16.59	16.52	18.10
		50	0	16.59	16.58	16.53	18.10
		1	0	16.46	16.46	16.45	18.10



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		1	25	16.51	16.43	16.39	18.10	
		1	49	16.36	16.30	16.39	18.10	
		25	0	16.64	16.68	16.60	18.10	
		25	13	16.83	16.78	16.84	18.10	
		25	25	16.49	16.52	16.56	18.10	
		50	0	16.50	16.52	16.50	18.10	
	64QAM	1	0	16.60	16.53	16.60	18.10	
		1	25	16.54	16.47	16.45	18.10	
		1	49	16.53	16.52	16.61	18.10	
		25	0	16.76	16.82	16.87	18.10	
		25	13	16.70	16.72	16.79	18.10	
		25	25	16.65	16.56	16.53	18.10	
	256QAM	50	0	16.78	16.72	16.68	18.10	
		1	0	16.44	16.47	16.50	18.10	
		1	25	16.87	16.78	16.70	18.10	
		1	49	16.45	16.45	16.40	18.10	
		25	0	16.49	16.51	16.59	18.10	
		25	13	16.50	16.60	16.61	18.10	
	25	25	16.73	16.63	16.65	18.10		
	50	0	16.76	16.70	16.78	18.10		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	37825				38000	38175		
	15MHz	QPSK	1	0	16.40	16.44	16.51	18.10
			1	38	16.46	16.31	16.38	18.10
1			74	16.41	16.32	16.33	18.10	
36			0	16.57	16.58	16.65	18.10	
36			18	16.62	16.69	16.59	18.10	
36			39	16.63	16.63	16.57	18.10	
75			0	16.61	16.60	16.61	18.10	
16QAM		1	0	16.91	16.49	16.51	18.10	
		1	38	16.57	16.52	16.58	18.10	
		1	74	16.66	16.35	16.27	18.10	
		36	0	16.64	16.62	16.63	18.10	
		36	18	16.66	16.72	16.67	18.10	
		36	39	16.34	16.52	16.60	18.10	
		75	0	16.64	16.59	16.64	18.10	
64QAM		1	0	16.39	16.53	16.61	18.10	
		1	38	16.43	16.44	16.47	18.10	
		1	74	16.45	16.55	16.40	18.10	
		36	0	16.65	16.73	16.63	18.10	
		36	18	16.62	16.63	16.68	18.10	
		36	39	16.62	16.53	16.56	18.10	
		75	0	16.66	16.69	16.66	18.10	
256QAM		1	0	16.48	16.56	16.46	18.10	
		1	38	16.52	16.82	16.50	18.10	
		1	74	16.53	16.44	16.49	18.10	
	36	0	16.68	16.58	16.70	18.10		
	36	18	16.69	16.52	16.66	18.10		
	36	39	16.65	16.53	16.62	18.10		
	75	0	16.71	16.70	16.67	18.10		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
/				38000	/			
20MHz	QPSK	1	0	/	16.39	/	18.10	
		1	50	/	16.39	/	18.10	
		1	99	/	16.29	/	18.10	
		50	0	/	16.61	/	18.10	
		50	25	/	16.60	/	18.10	
		50	50	/	16.54	/	18.10	
		100	0	/	16.55	/	18.10	
	16QAM	1	0	/	16.47	/	18.10	
		1	50	/	16.61	/	18.10	
		1	0	/	16.39	/	18.10	
		1	99	/	16.29	/	18.10	
		50	0	/	16.61	/	18.10	



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		1	99	/	16.41	/	18.10
		50	0	/	16.66	/	18.10
		50	25	/	16.62	/	18.10
		50	50	/	16.59	/	18.10
		100	0	/	16.58	/	18.10
	64QAM	1	0	/	16.54	/	18.10
		1	50	/	16.45	/	18.10
		1	99	/	16.53	/	18.10
		50	0	/	16.64	/	18.10
		50	25	/	16.62	/	18.10
		50	50	/	16.61	/	18.10
		100	0	/	16.62	/	18.10
	256QAM	1	0	/	16.52	/	18.10
		1	50	/	16.74	/	18.10
		1	99	/	16.54	/	18.10
		50	0	/	16.65	/	18.10
		50	25	/	16.62	/	18.10
		50	50	/	16.61	/	18.10
		100	0	/	16.63	/	18.10

LTE Band 41 2496 - 2690 DSI1				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	17.08	17.08	17.02	16.98	17.01	18.60
		1	13	16.95	16.91	16.93	16.94	16.95	18.60
		1	24	16.88	16.88	16.94	16.9	16.91	18.60
		12	0	17.12	17.12	17.06	17.02	17.01	18.60
		12	6	17.03	17.13	17.1	17.06	17.04	18.60
		12	13	17.03	17	17	16.98	17.04	18.60
	16QAM	25	0	17.13	17.06	17.11	17.17	17.12	18.60
		1	0	17.01	16.98	16.97	16.96	16.94	18.60
		1	13	17	17.01	17.01	17.03	16.93	18.60
		1	24	16.98	16.99	17.02	16.94	16.97	18.60
		12	0	17.1	17.06	17.11	17.13	17.07	18.60
		12	6	17.08	17.06	17.02	17.15	17.12	18.60
	64QAM	12	13	17.03	17.09	17.06	16.98	17.06	18.60
		25	0	17.05	17.08	17.07	17.12	17.12	18.60
		1	0	17.13	17.19	17.12	17.09	17.08	18.60
		1	13	17.12	17.10	17.14	17.07	17.03	18.60
		1	24	16.97	17.02	16.93	16.93	16.99	18.60
		12	0	17.14	17.15	17.10	17.12	17.09	18.60
	256QAM	12	6	17.13	17.11	17.15	17.16	17.07	18.60
		12	13	17.08	17.13	17.06	17.03	16.99	18.60
		25	0	17.04	17.03	17.06	17.07	17.02	18.60
		1	0	16.93	17.01	16.94	17.03	16.97	18.60
		1	13	16.90	16.88	16.91	16.92	16.91	18.60
		1	24	16.87	16.86	16.95	16.93	16.90	18.60
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
				1	0	17.08	17.05	16.98	
10MHz	QPSK	1	25	16.95	16.97	16.95	16.94	16.95	18.60
		1	49	16.92	16.89	16.9	16.92	16.95	18.60
		25	0	17.04	17.12	16.98	17.06	17.02	18.60
		25	13	17.06	17.07	17.14	17.09	17.07	18.60
		25	25	17.06	16.99	16.98	17.03	17.04	18.60



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	16QAM	50	0	17.15	17.06	17.15	17.14	17.16	18.60
		1	0	17	17	16.94	16.98	16.92	18.60
		1	25	17.05	17.03	17.03	17.03	16.96	18.60
		1	49	17.01	17.02	17.07	17	17.03	18.60
		25	0	17.09	17.01	17.11	17.07	17.05	18.60
		25	13	17.09	17.03	17.06	17.13	17.1	18.60
		25	25	17.03	17.11	17.05	17.05	17.05	18.60
	64QAM	50	0	17.09	17.08	17.09	17.09	17.11	18.60
		1	0	17.15	17.15	17.15	17.16	17.11	18.60
		1	25	17.14	17.09	17.15	17.06	17.06	18.60
		1	49	16.97	17.01	16.98	16.97	17.07	18.60
		25	0	17.10	17.19	17.11	17.12	17.16	18.60
		25	13	17.06	17.10	17.12	17.10	17.14	18.60
		25	25	17.05	17.09	17.05	17.03	17.00	18.60
	256QAM	50	0	17.10	17.02	17.12	17.08	17.01	18.60
		1	0	16.92	16.96	16.97	16.98	16.96	18.60
		1	25	16.90	16.89	16.90	16.88	16.91	18.60
		1	49	16.92	16.93	16.94	16.93	16.88	18.60
		25	0	17.13	17.04	17.09	17.12	17.06	18.60
		25	13	17.18	17.17	17.16	17.12	17.11	18.60
		25	25	17.06	17.10	17.05	17.08	17.13	18.60
		50	0	17.14	17.09	17.11	17.10	17.15	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	17	17.03	17.02	16.95	16.95	18.60
		1	38	16.93	16.92	16.9	16.95	16.91	18.60
		1	74	16.93	16.88	16.91	16.89	16.88	18.60
		36	0	17.05	17.12	16.99	16.99	17.03	18.60
		36	18	17.06	17.08	17.1	17.07	17.01	18.60
		36	39	17.07	17.06	17	17.03	17.03	18.60
		75	0	17.14	17.09	17.15	17.14	17.1	18.60
	16QAM	1	0	17.02	16.97	16.96	17.01	16.97	18.60
		1	38	17.02	17.05	17.07	17	16.96	18.60
		1	74	17.02	17.03	17	16.92	17.01	18.60
		36	0	17.13	17.04	17.08	17.12	17.08	18.60
		36	18	17.15	17.04	17.05	17.11	17.12	18.60
		36	39	17.05	17.06	17.06	17.03	17.13	18.60
		75	0	17.07	17.14	17.02	17.07	17.09	18.60
	64QAM	1	0	17.13	17.21	17.18	17.11	17.08	18.60
		1	38	17.11	17.07	17.12	17.05	17.04	18.60
		1	74	16.97	17.03	16.93	16.99	17.03	18.60
		36	0	17.12	17.19	17.14	17.14	17.16	18.60
		36	18	17.10	17.10	17.15	17.13	17.09	18.60
		36	39	17.03	17.08	17.03	17.08	17.03	18.60
		75	0	17.05	17.05	17.07	17.10	17.06	18.60
	256QAM	1	0	16.95	17.02	16.98	16.99	16.92	18.60
		1	38	16.90	16.95	16.86	16.90	16.88	18.60
		1	74	16.87	16.93	16.93	16.96	16.90	18.60
		36	0	17.15	17.09	17.12	17.13	17.11	18.60
		36	18	17.15	17.14	17.17	17.14	17.10	18.60
		36	39	17.06	17.05	17.06	17.09	17.10	18.60
		75	0	17.16	17.14	17.09	17.04	17.11	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	16.99	17	16.93	16.94	16.94	18.60
		1	50	16.89	16.9	16.89	16.87	16.87	18.60
		1	99	16.87	16.86	16.87	16.86	16.87	18.60
		50	0	17.01	17.04	16.97	16.97	16.98	18.60
		50	25	17.03	17.06	17.07	17.03	17.05	18.60
		50	50	17.01	16.98	16.97	16.97	17.01	18.60
		100	0	17.08	17.02	17.06	17.08	17.08	18.60



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	16QAM	1	0	16.95	16.91	16.93	16.93	16.88	18.60
		1	50	16.96	16.99	16.98	16.99	16.92	18.60
		1	99	16.95	16.96	16.98	16.91	16.96	18.60
		50	0	17.05	16.97	17.05	17.04	17.01	18.60
		50	25	17.06	17.01	16.99	17.06	17.04	18.60
		50	50	16.97	17.03	16.98	16.96	17.04	18.60
		100	0	17.04	17.07	17	17.03	17.07	18.60
	64QAM	1	0	17.11	17.12	17.10	17.07	17.06	18.60
		1	50	17.09	17.06	17.07	17.01	17.02	18.60
		1	99	16.93	16.94	16.90	16.90	16.98	18.60
		50	0	17.09	17.10	17.05	17.11	17.07	18.60
		50	25	17.05	17.04	17.11	17.09	17.06	18.60
		50	50	17.00	17.06	17.02	17.01	16.98	18.60
		100	0	17.03	16.99	17.04	17.03	16.98	18.60
	256QAM	1	0	16.90	16.95	16.90	16.95	16.90	18.60
		1	50	16.85	16.87	16.83	16.86	16.87	18.60
		1	99	16.86	16.85	16.89	16.91	16.83	18.60
		50	0	17.08	17.03	17.06	17.11	17.03	18.60
		50	25	17.09	17.13	17.10	17.11	17.09	18.60
		50	50	17.04	17.02	16.99	17.01	17.04	18.60
		100	0	17.08	17.05	17.06	17.03	17.07	18.60

LTE Band 41 2496 - 2690 DSI3/4/5				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	16.63	16.63	16.52	16.57	16.61	18.10
		1	13	16.5	16.57	16.53	16.47	16.52	18.10
		1	24	16.49	16.46	16.53	16.52	16.52	18.10
		12	0	16.7	16.67	16.57	16.59	16.57	18.10
		12	6	16.64	16.71	16.69	16.68	16.62	18.10
		12	13	16.67	16.62	16.6	16.57	16.66	18.10
	16QAM	25	0	16.73	16.61	16.7	16.74	16.73	18.10
		1	0	16.59	16.51	16.56	16.55	16.47	18.10
		1	13	16.6	16.62	16.62	16.61	16.57	18.10
		1	24	16.62	16.63	16.6	16.52	16.56	18.10
		12	0	16.71	16.56	16.66	16.69	16.64	18.10
		12	6	16.65	16.64	16.66	16.72	16.7	18.10
	64QAM	12	13	16.61	16.67	16.61	16.63	16.65	18.10
		25	0	16.64	16.73	16.6	16.69	16.67	18.10
		1	0	16.78	16.71	16.72	16.71	16.69	18.10
		1	13	16.76	16.67	16.71	16.63	16.65	18.10
		1	24	16.52	16.57	16.55	16.50	16.60	18.10
		12	0	16.71	16.72	16.68	16.73	16.68	18.10
	256QAM	12	6	16.67	16.65	16.76	16.69	16.73	18.10
		12	13	16.59	16.67	16.67	16.62	16.57	18.10
		25	0	16.65	16.62	16.69	16.69	16.57	18.10
		1	0	16.54	16.54	16.51	16.61	16.53	18.10
		1	13	16.51	16.54	16.49	16.52	16.52	18.10
		1	24	16.49	16.45	16.48	16.57	16.48	18.10
		12	0	16.75	16.63	16.68	16.73	16.69	18.10
		12	6	16.76	16.80	16.77	16.72	16.73	18.10
		12	13	16.71	16.65	16.65	16.64	16.65	18.10
		25	0	16.67	16.65	16.69	16.65	16.69	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	16.59	16.64	16.52	16.6	16.57	18.10
		1	25	16.5	16.54	16.5	16.52	16.54	18.10
		1	49	16.53	16.49	16.48	16.47	16.54	18.10
		25	0	16.66	16.71	16.59	16.56	16.57	18.10



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