

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

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

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		25	13	16.65	16.7	16.71	16.7	16.62	18.10
		25	25	16.66	16.62	16.58	16.62	16.6	18.10
		50	0	16.75	16.62	16.71	16.72	16.69	18.10
	16QAM	1	0	16.59	16.57	16.56	16.6	16.53	18.10
		1	25	16.57	16.63	16.59	16.62	16.52	18.10
		1	49	16.55	16.63	16.64	16.57	16.63	18.10
		25	0	16.67	16.6	16.7	16.63	16.63	18.10
		25	13	16.65	16.66	16.6	16.73	16.7	18.10
		25	25	16.57	16.66	16.59	16.57	16.66	18.10
		50	0	16.7	16.71	16.62	16.68	16.66	18.10
		1	0	16.77	16.73	16.75	16.70	16.70	18.10
	64QAM	1	25	16.73	16.71	16.73	16.61	16.63	18.10
		1	49	16.58	16.56	16.56	16.51	16.61	18.10
		25	0	16.71	16.73	16.71	16.76	16.68	18.10
		25	13	16.71	16.70	16.75	16.75	16.67	18.10
		25	25	16.64	16.73	16.65	16.67	16.61	18.10
		50	0	16.63	16.62	16.71	16.67	16.63	18.10
	256QAM	1	0	16.51	16.58	16.53	16.62	16.50	18.10
		1	25	16.48	16.48	16.49	16.52	16.53	18.10
		1	49	16.46	16.46	16.52	16.58	16.48	18.10
		25	0	16.75	16.64	16.67	16.71	16.66	18.10
		25	13	16.72	16.76	16.70	16.77	16.75	18.10
		25	25	16.70	16.64	16.66	16.63	16.64	18.10
		50	0	16.74	16.66	16.67	16.67	16.71	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	16.63	16.64	16.6	16.59	16.56	18.10
		1	38	16.54	16.55	16.49	16.49	16.54	18.10
		1	74	16.53	16.46	16.46	16.46	16.53	18.10
		36	0	16.63	16.71	16.63	16.62	16.63	18.10
		36	18	16.62	16.67	16.74	16.67	16.67	18.10
		36	39	16.6	16.64	16.56	16.62	16.62	18.10
		75	0	16.71	16.68	16.68	16.7	16.75	18.10
	16QAM	1	0	16.6	16.55	16.6	16.53	16.54	18.10
		1	38	16.57	16.62	16.6	16.59	16.52	18.10
		1	74	16.59	16.62	16.59	16.56	16.62	18.10
		36	0	16.64	16.61	16.64	16.69	16.65	18.10
		36	18	16.66	16.67	16.58	16.67	16.68	18.10
		36	39	16.57	16.69	16.58	16.56	16.64	18.10
		75	0	16.7	16.66	16.6	16.63	16.74	18.10
	64QAM	1	0	16.77	16.71	16.69	16.73	16.68	18.10
		1	38	16.68	16.73	16.70	16.68	16.65	18.10
		1	74	16.60	16.58	16.51	16.49	16.57	18.10
		36	0	16.74	16.75	16.69	16.75	16.68	18.10
		36	18	16.64	16.66	16.77	16.72	16.68	18.10
		36	39	16.64	16.68	16.69	16.65	16.63	18.10
		75	0	16.65	16.61	16.64	16.63	16.58	18.10
	256QAM	1	0	16.57	16.61	16.52	16.57	16.55	18.10
		1	38	16.50	16.54	16.44	16.46	16.53	18.10
		1	74	16.49	16.44	16.54	16.54	16.50	18.10
		36	0	16.71	16.70	16.69	16.72	16.67	18.10
		36	18	16.72	16.79	16.76	16.73	16.71	18.10
		36	39	16.65	16.67	16.60	16.67	16.65	18.10
		75	0	16.71	16.68	16.72	16.68	16.73	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	16.57	16.58	16.51	16.52	16.52	18.10
		1	50	16.47	16.48	16.47	16.45	16.45	18.10
		1	99	16.45	16.44	16.45	16.44	16.45	18.10
		50	0	16.61	16.62	16.55	16.55	16.56	18.10
		50	25	16.59	16.64	16.65	16.61	16.58	18.10



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		50	50	16.59	16.56	16.55	16.55	16.59	18.10
		100	0	16.66	16.6	16.64	16.66	16.66	18.10
	16QAM	1	0	16.53	16.49	16.51	16.51	16.46	18.10
		1	50	16.54	16.57	16.56	16.57	16.5	18.10
		1	99	16.53	16.54	16.56	16.49	16.54	18.10
		50	0	16.63	16.55	16.63	16.62	16.59	18.10
		50	25	16.64	16.59	16.57	16.64	16.62	18.10
		50	50	16.55	16.61	16.56	16.54	16.62	18.10
		100	0	16.62	16.65	16.58	16.61	16.65	18.10
	64QAM	1	0	16.69	16.70	16.68	16.65	16.64	18.10
		1	50	16.67	16.64	16.65	16.59	16.60	18.10
		1	99	16.51	16.52	16.48	16.48	16.56	18.10
		50	0	16.67	16.68	16.63	16.69	16.65	18.10
		50	25	16.63	16.62	16.69	16.67	16.64	18.10
		50	50	16.58	16.64	16.60	16.59	16.56	18.10
	256QAM	100	0	16.61	16.57	16.62	16.61	16.56	18.10
		1	0	16.48	16.53	16.48	16.53	16.48	18.10
		1	50	16.43	16.45	16.41	16.44	16.45	18.10
		1	99	16.44	16.43	16.47	16.49	16.41	18.10
		50	0	16.66	16.61	16.64	16.69	16.61	18.10
		50	25	16.67	16.71	16.68	16.69	16.67	18.10
		50	50	16.62	16.60	16.57	16.59	16.62	18.10
		100	0	16.66	16.63	16.64	16.61	16.65	18.10



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1.5 Conducted Power of Legacy (Ant6)

WCDMA Band IV DSI1					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.41	22.48	22.51	23.50
	12.2kbps AMR	22.31	22.5	22.43	23.50
HSDPA	Subtest 1	21.50	21.48	21.45	22.50
	Subtest 2	21.54	21.52	21.48	22.50
	Subtest 3	21.01	21.02	20.97	22.00
	Subtest 4	21.07	21.01	20.81	22.00
HSUPA	Subtest 1	21.49	21.51	21.51	22.50
	Subtest 2	19.49	19.48	19.47	20.50
	Subtest 3	20.48	20.47	20.48	21.50
	Subtest 4	19.49	19.49	19.47	20.50
HSPA+	Subtest 5	21.49	21.48	21.48	22.50
	16QAM	19.91	19.90	19.93	21.00

WCDMA Band IV DSI3/4/5					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.82	20.88	20.78	22.00
	12.2kbps AMR	20.78	20.83	20.77	22.00
HSDPA	Subtest 1	19.89	19.92	19.85	21.00
	Subtest 2	19.93	19.88	19.72	21.00
	Subtest 3	19.44	19.43	19.35	20.50
	Subtest 4	19.43	19.41	19.38	20.50
HSUPA	Subtest 1	19.90	19.9	19.86	21.00
	Subtest 2	17.88	17.88	17.86	19.00
	Subtest 3	18.89	18.88	18.85	20.00
	Subtest 4	17.89	17.90	17.87	19.00
HSPA+	Subtest 5	19.87	19.86	19.85	21.00
	16QAM	18.44	18.46	18.26	19.50

LTE Band 4 DSI1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	18.71	18.78	18.69	20.60
		1	2	19.36	19.37	19.45	20.60
		1	5	19.27	19.19	19.17	20.60
		3	0	19.39	19.34	19.38	20.60
		3	2	18.99	18.92	18.94	20.60
		3	3	19.13	19.09	19.09	20.60
	16QAM	6	0	18.93	18.99	19.07	20.60
		1	0	19.25	19.30	19.20	20.60
		1	2	18.99	18.93	19.02	20.60
		1	5	19.25	19.31	19.23	20.60
		3	0	19.06	19.14	19.04	20.60
		3	2	19.26	19.17	19.12	20.60
	64QAM	3	3	19.20	19.17	19.18	20.60
		6	0	19.19	19.11	19.04	20.60
		1	0	19.16	19.06	19.14	20.60
		1	2	19.28	19.36	19.34	20.60
		1	5	19.25	19.27	19.37	20.60
		3	0	18.86	18.84	18.91	20.60
		3	2	19.22	19.27	19.24	20.60
		3	3	19.20	19.11	19.03	20.60
		6	0	19.12	19.21	19.29	20.60



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		1	0	19.06	19.02	19.09	20.60
		1	2	19.42	19.32	19.37	20.60
		1	5	19.37	19.43	19.52	20.60
		3	0	19.27	19.26	19.24	20.60
		3	2	19.31	19.39	19.47	20.60
		3	3	19.32	19.27	19.19	20.60
		6	0	19.26	19.26	19.25	20.60
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	18.81	18.87	18.89	20.60
		1	7	19.20	19.27	19.36	20.60
		1	14	19.09	19.12	19.12	20.60
		8	0	19.29	19.25	19.21	20.60
		8	4	19.02	18.94	18.98	20.60
		8	7	19.19	19.15	19.08	20.60
		15	0	19.14	19.09	19.00	20.60
	16QAM	1	0	19.14	19.22	19.19	20.60
		1	7	18.98	18.94	18.94	20.60
		1	14	19.41	19.31	19.25	20.60
		8	0	18.99	19.09	19.01	20.60
		8	4	19.08	19.13	19.15	20.60
		8	7	19.03	19.13	19.20	20.60
		15	0	18.97	19.07	19.06	20.60
	64QAM	1	0	19.14	19.13	19.14	20.60
		1	7	19.35	19.33	19.42	20.60
		1	14	19.29	19.25	19.22	20.60
		8	0	18.88	18.87	18.89	20.60
		8	4	19.38	19.31	19.40	20.60
		8	7	19.21	19.15	19.07	20.60
		15	0	19.25	19.24	19.33	20.60
	256QAM	1	0	19.02	19.10	19.08	20.60
		1	7	19.26	19.36	19.29	20.60
		1	14	19.36	19.42	19.42	20.60
		8	0	19.44	19.34	19.44	20.60
		8	4	19.26	19.32	19.22	20.60
		8	7	19.19	19.28	19.29	20.60
		15	0	19.30	19.36	19.30	20.60
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	18.98	18.95	18.98	20.60
		1	13	19.17	19.18	19.11	20.60
		1	24	19.13	19.04	19.04	20.60
		12	0	19.08	19.16	19.19	20.60
		12	6	18.86	18.89	18.81	20.60
		12	13	19.16	19.16	19.11	20.60
		25	0	19.18	19.18	19.08	20.60
	16QAM	1	0	19.34	19.27	19.31	20.60
		1	13	18.97	18.90	18.92	20.60
		1	24	19.20	19.22	19.27	20.60
		12	0	18.95	19.03	19.10	20.60
		12	6	18.98	19.06	18.96	20.60
		12	13	18.98	19.08	19.02	20.60
		25	0	19.17	19.07	19.01	20.60
	64QAM	1	0	19.17	19.13	19.21	20.60
		1	13	19.28	19.27	19.20	20.60
		1	24	19.28	19.33	19.33	20.60
		12	0	18.93	18.94	18.89	20.60
		12	6	19.28	19.29	19.19	20.60
		12	13	19.12	19.19	19.28	20.60
		25	0	19.21	19.16	19.06	20.60
	256QAM	1	0	19.17	19.07	19.15	20.60



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		1	13	19.22	19.28	19.34	20.60
		1	24	19.43	19.35	19.36	20.60
		12	0	19.25	19.27	19.37	20.60
		12	6	19.36	19.26	19.29	20.60
		12	13	19.21	19.25	19.21	20.60
		25	0	19.45	19.46	19.44	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.93	18.86	18.96	20.60
		1	25	19.17	19.10	19.01	20.60
		1	49	18.93	18.99	18.93	20.60
		25	0	19.10	19.14	19.20	20.60
		25	13	18.94	18.97	19.04	20.60
		25	25	19.04	19.12	19.19	20.60
	16QAM	50	0	19.15	19.22	19.12	20.60
		1	0	19.36	19.37	19.28	20.60
		1	25	18.83	18.85	18.86	20.60
		1	49	19.25	19.23	19.22	20.60
		25	0	19.15	19.09	19.13	20.60
		25	13	19.11	19.06	18.97	20.60
	64QAM	25	25	19.18	19.16	19.15	20.60
		50	0	18.99	19.01	18.92	20.60
		1	0	19.28	19.21	19.25	20.60
		1	25	19.15	19.21	19.16	20.60
		1	49	19.48	19.41	19.31	20.60
		25	0	18.88	18.98	19.01	20.60
	256QAM	25	13	19.14	19.24	19.31	20.60
		25	25	19.13	19.15	19.17	20.60
		50	0	19.29	19.23	19.16	20.60
		1	0	19.06	19.03	18.95	20.60
		1	25	19.29	19.33	19.40	20.60
		1	49	19.39	19.45	19.50	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.86	18.95	18.86	20.60
		1	38	19.07	19.05	18.98	20.60
		1	74	19.09	19.09	19.12	20.60
		36	0	19.07	19.11	19.05	20.60
		36	18	19.14	19.04	19.14	20.60
		36	39	19.26	19.21	19.11	20.60
	16QAM	75	0	19.18	19.15	19.17	20.60
		1	0	19.28	19.29	19.35	20.60
		1	38	18.96	18.91	18.95	20.60
		1	74	19.21	19.30	19.31	20.60
		36	0	19.21	19.12	19.10	20.60
		36	18	19.10	19.16	19.07	20.60
	64QAM	36	39	19.17	19.25	19.24	20.60
		75	0	19.02	19.07	18.97	20.60
		1	0	19.18	19.14	19.19	20.60
		1	38	19.15	19.25	19.31	20.60
		1	74	19.47	19.39	19.32	20.60
		36	0	19.11	19.07	19.11	20.60
	256QAM	36	18	19.04	19.14	19.19	20.60
		36	39	19.11	19.15	19.12	20.60
		75	0	19.16	19.20	19.28	20.60
		1	0	19.09	19.02	19.10	20.60
		1	38	19.33	19.37	19.32	20.60



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		1	74	19.39	19.40	19.47	20.60
		36	0	19.22	19.16	19.06	20.60
		36	18	19.34	19.36	19.46	20.60
		36	39	19.46	19.43	19.48	20.60
		75	0	19.28	19.30	19.24	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	18.97	/	20.60
		1	50	/	19.06	/	20.60
		1	99	/	19.19	/	20.60
		50	0	/	19.06	/	20.60
		50	25	/	19.11	/	20.60
		50	50	/	19.25	/	20.60
		100	0	/	19.15	/	20.60
	16QAM	1	0	/	19.27	/	20.60
		1	50	/	18.85	/	20.60
		1	99	/	19.21	/	20.60
		50	0	/	19.13	/	20.60
		50	25	/	19.19	/	20.60
		50	50	/	19.24	/	20.60
		100	0	/	19.14	/	20.60
	64QAM	1	0	/	19.11	/	20.60
		1	50	/	19.21	/	20.60
		1	99	/	19.44	/	20.60
		50	0	/	19.16	/	20.60
		50	25	/	19.15	/	20.60
		50	50	/	19.21	/	20.60
		100	0	/	19.21	/	20.60
	256QAM	1	0	/	19.12	/	20.60
		1	50	/	19.29	/	20.60
		1	99	/	19.30	/	20.60
		50	0	/	19.21	/	20.60
		50	25	/	19.29	/	20.60
		50	50	/	19.34	/	20.60
		100	0	/	19.22	/	20.60

LTE Band 4 DSI3/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.54	18.49	18.50	20.10
		1	2	18.53	18.43	18.37	20.10
		1	5	18.70	18.73	18.73	20.10
		3	0	18.71	18.67	18.57	20.10
		3	2	18.63	18.70	18.73	20.10
		3	3	18.82	18.88	18.80	20.10
		6	0	18.78	18.68	18.62	20.10
	16QAM	1	0	19.00	18.96	18.91	20.10
		1	2	18.24	18.34	18.43	20.10
		1	5	19.03	18.99	18.95	20.10
		3	0	18.54	18.55	18.56	20.10
		3	2	18.68	18.77	18.86	20.10
		3	3	18.85	18.88	18.85	20.10
		6	0	18.58	18.63	18.72	20.10
	64QAM	1	0	18.36	18.41	18.31	20.10
		1	2	18.59	18.60	18.69	20.10
		1	5	19.17	19.21	19.29	20.10
		3	0	18.39	18.38	18.41	20.10
		3	2	18.51	18.59	18.62	20.10
		3	3	18.71	18.77	18.70	20.10



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		6	0	18.82	18.84	18.83	20.10
		1	0	18.60	18.60	18.58	20.10
		1	2	18.88	18.96	18.95	20.10
		1	5	18.93	18.83	18.73	20.10
		3	0	18.71	18.64	18.54	20.10
		3	2	18.69	18.62	18.69	20.10
		3	3	18.80	18.75	18.84	20.10
		6	0	18.84	18.74	18.81	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	18.51	18.59	18.50	20.10
		1	7	18.46	18.40	18.39	20.10
		1	14	18.65	18.75	18.82	20.10
		8	0	18.75	18.67	18.72	20.10
		8	4	18.71	18.72	18.81	20.10
		8	7	18.78	18.80	18.83	20.10
		15	0	18.59	18.59	18.66	20.10
	16QAM	1	0	18.87	18.94	19.04	20.10
		1	7	18.30	18.36	18.42	20.10
		1	14	19.05	19.02	19.05	20.10
		8	0	18.70	18.61	18.56	20.10
		8	4	18.86	18.79	18.79	20.10
		8	7	18.88	18.82	18.90	20.10
		15	0	18.58	18.61	18.63	20.10
	64QAM	1	0	18.39	18.48	18.49	20.10
		1	7	18.71	18.67	18.66	20.10
		1	14	19.04	19.12	19.09	20.10
		8	0	18.41	18.44	18.49	20.10
		8	4	18.68	18.69	18.76	20.10
		8	7	18.61	18.68	18.71	20.10
		15	0	18.72	18.77	18.73	20.10
	256QAM	1	0	18.62	18.70	18.67	20.10
		1	7	18.94	18.91	18.93	20.10
		1	14	18.73	18.75	18.82	20.10
		8	0	18.76	18.68	18.76	20.10
		8	4	18.69	18.59	18.58	20.10
		8	7	18.72	18.78	18.71	20.10
		15	0	18.80	18.74	18.77	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.58	18.58	18.63	20.10
		1	13	18.35	18.42	18.43	20.10
		1	24	18.85	18.80	18.76	20.10
		12	0	18.60	18.63	18.60	20.10
		12	6	18.71	18.75	18.71	20.10
		12	13	18.68	18.75	18.85	20.10
		25	0	18.62	18.69	18.68	20.10
	16QAM	1	0	19.01	18.92	18.85	20.10
		1	13	18.41	18.46	18.39	20.10
		1	24	18.98	18.96	19.05	20.10
		12	0	18.51	18.58	18.48	20.10
		12	6	18.86	18.76	18.74	20.10
		12	13	19.00	18.91	18.93	20.10
		25	0	18.59	18.55	18.61	20.10
	64QAM	1	0	18.64	18.58	18.68	20.10
		1	13	18.61	18.59	18.57	20.10
		1	24	19.12	19.04	18.96	20.10
		12	0	18.47	18.54	18.53	20.10
		12	6	18.72	18.72	18.77	20.10
		12	13	18.63	18.63	18.53	20.10
		25	0	18.89	18.81	18.74	20.10



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		1	0	18.71	18.67	18.77	20.10
		1	13	18.80	18.86	18.84	20.10
		1	24	18.65	18.66	18.67	20.10
		12	0	18.75	18.76	18.71	20.10
		12	6	18.61	18.68	18.64	20.10
		12	13	18.90	18.81	18.80	20.10
		25	0	18.61	18.71	18.62	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	18.41	18.51	18.41	20.10
		1	25	18.41	18.43	18.36	20.10
		1	49	18.76	18.73	18.71	20.10
		25	0	18.64	18.55	18.58	20.10
		25	13	18.66	18.65	18.67	20.10
		25	25	18.64	18.67	18.67	20.10
		50	0	18.54	18.61	18.60	20.10
	16QAM	1	0	18.90	18.90	18.81	20.10
		1	25	18.35	18.42	18.48	20.10
		1	49	18.99	18.89	18.98	20.10
		25	0	18.46	18.55	18.56	20.10
		25	13	18.87	18.85	18.77	20.10
		25	25	18.80	18.86	18.94	20.10
		50	0	18.60	18.54	18.50	20.10
	64QAM	1	0	18.50	18.50	18.47	20.10
		1	25	18.70	18.61	18.68	20.10
		1	49	18.98	19.05	18.98	20.10
		25	0	18.60	18.60	18.55	20.10
		25	13	18.76	18.74	18.77	20.10
		25	25	18.76	18.68	18.66	20.10
		50	0	18.76	18.79	18.79	20.10
	256QAM	1	0	18.58	18.64	18.57	20.10
		1	25	19.04	18.96	19.00	20.10
		1	49	18.68	18.76	18.85	20.10
		25	0	18.67	18.70	18.80	20.10
		25	13	18.83	18.75	18.66	20.10
		25	25	18.86	18.90	18.99	20.10
		50	0	18.67	18.74	18.68	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	18.32	18.42	18.52	20.10
		1	38	18.60	18.51	18.50	20.10
		1	74	18.87	18.79	18.76	20.10
		36	0	18.66	18.62	18.60	20.10
		36	18	18.63	18.61	18.67	20.10
		36	39	18.66	18.68	18.59	20.10
		75	0	18.50	18.53	18.58	20.10
	16QAM	1	0	18.93	18.89	18.96	20.10
		1	38	18.26	18.34	18.39	20.10
		1	74	18.70	18.79	18.88	20.10
		36	0	18.64	18.63	18.70	20.10
		36	18	18.73	18.77	18.81	20.10
		36	39	18.87	18.88	18.79	20.10
		75	0	18.45	18.53	18.60	20.10
	64QAM	1	0	18.48	18.54	18.54	20.10
		1	38	18.78	18.70	18.65	20.10
		1	74	19.04	18.99	18.89	20.10
		36	0	18.63	18.64	18.65	20.10
		36	18	18.64	18.66	18.62	20.10
		36	39	18.67	18.76	18.79	20.10
		75	0	18.70	18.75	18.74	20.10
	256QAM	1	0	18.63	18.63	18.57	20.10



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		1	38	18.96	18.89	18.88	20.10
		1	74	18.80	18.86	18.89	20.10
		36	0	18.65	18.71	18.81	20.10
		36	18	18.83	18.73	18.77	20.10
		36	39	19.01	18.93	18.89	20.10
		75	0	18.79	18.84	18.90	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	18.45	/	20.10
		1	50	/	18.51	/	20.10
		1	99	/	18.72	/	20.10
		50	0	/	18.61	/	20.10
		50	25	/	18.56	/	20.10
		50	50	/	18.71	/	20.10
	16QAM	100	0	/	18.61	/	20.10
		1	0	/	18.82	/	20.10
		1	50	/	18.35	/	20.10
		1	99	/	18.74	/	20.10
		50	0	/	18.67	/	20.10
		50	25	/	18.71	/	20.10
	64QAM	50	50	/	18.79	/	20.10
		100	0	/	18.62	/	20.10
		1	0	/	18.63	/	20.10
		1	50	/	18.74	/	20.10
		1	99	/	18.93	/	20.10
		50	0	/	18.69	/	20.10
20MHz	256QAM	50	25	/	18.65	/	20.10
		50	50	/	18.73	/	20.10
		100	0	/	18.74	/	20.10
		1	0	/	18.66	/	20.10
		1	50	/	18.82	/	20.10
		1	99	/	18.81	/	20.10
	256QAM	50	0	/	18.66	/	20.10
		50	25	/	18.75	/	20.10
		50	50	/	18.86	/	20.10
		100	0	/	18.76	/	20.10

LTE Band 7 DIS1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.29	19.11	19.24	20.50
		1	13	19.16	19.32	19.60	20.50
		1	24	19.08	19.29	19.05	20.50
		12	0	19.04	19.32	19.33	20.50
		12	6	19.29	19.20	19.51	20.50
		12	13	19.41	19.35	19.57	20.50
	16QAM	25	0	19.29	19.23	19.32	20.50
		1	0	19.24	18.81	19.14	20.50
		1	13	19.29	19.26	19.57	20.50
		1	24	19.23	19.31	19.23	20.50
		12	0	18.93	19.00	19.22	20.50
		12	6	19.27	19.13	19.26	20.50
	64QAM	12	13	19.29	19.29	19.35	20.50
		25	0	19.29	19.20	19.27	20.50
		1	0	19.25	19.40	19.44	20.50
		1	13	18.78	19.61	19.22	20.50
		1	24	18.86	19.40	19.51	20.50
		12	0	19.06	19.21	19.19	20.50
		12	6	19.38	19.16	19.56	20.50



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	256QAM	12	13	19.29	19.41	19.47	20.50
		25	0	19.27	19.37	19.39	20.50
		1	0	19.10	18.99	19.67	20.50
		1	13	19.22	19.27	19.48	20.50
		1	24	19.50	19.40	19.20	20.50
		12	0	19.20	19.23	19.45	20.50
		12	6	19.27	19.52	19.49	20.50
		12	13	19.12	19.08	19.55	20.50
		25	0	19.15	19.23	19.29	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	19.32	19.02	19.23	20.50
		1	25	19.10	19.26	19.59	20.50
		1	49	19.09	19.36	19.15	20.50
		25	0	19.06	19.23	19.35	20.50
		25	13	19.19	19.25	19.47	20.50
		25	25	19.39	19.41	19.49	20.50
	16QAM	50	0	19.29	19.24	19.42	20.50
		1	0	19.25	18.86	19.10	20.50
		1	25	19.34	19.32	19.62	20.50
		1	49	19.20	19.25	19.25	20.50
		25	0	18.98	19.03	19.20	20.50
		25	13	19.22	19.17	19.27	20.50
	64QAM	25	25	19.30	19.29	19.33	20.50
		50	0	19.23	19.24	19.30	20.50
		1	0	19.34	19.50	19.37	20.50
		1	25	18.86	19.52	19.20	20.50
		1	49	18.95	19.47	19.58	20.50
		25	0	19.09	19.16	19.27	20.50
	256QAM	25	13	19.28	19.22	19.60	20.50
		25	25	19.21	19.32	19.51	20.50
		50	0	19.19	19.36	19.49	20.50
		1	0	19.11	19.06	19.58	20.50
		1	25	19.25	19.33	19.58	20.50
		1	49	19.45	19.34	19.25	20.50
15MHz	QPSK	25	0	19.17	19.17	19.46	20.50
		25	13	19.30	19.42	19.46	20.50
		25	25	19.21	19.08	19.54	20.50
		50	0	19.19	19.16	19.33	20.50
		1	0	19.24	19.10	19.22	20.50
		1	38	19.02	19.22	19.49	20.50
	16QAM	1	74	19.12	19.30	19.25	20.50
		36	0	19.04	19.19	19.41	20.50
		36	18	19.27	19.30	19.47	20.50
		36	39	19.29	19.32	19.51	20.50
		75	0	19.27	19.25	19.44	20.50
		1	0	19.20	18.86	19.18	20.50
	64QAM	1	38	19.34	19.38	19.66	20.50
		1	74	19.14	19.19	19.27	20.50
		36	0	19.07	19.11	19.22	20.50
		36	18	19.24	19.18	19.21	20.50
		36	39	19.23	19.36	19.30	20.50
		75	0	19.28	19.34	19.28	20.50
15MHz	QPSK	1	0	19.32	19.51	19.42	20.50
		1	38	18.88	19.50	19.27	20.50
		1	74	19.03	19.49	19.52	20.50
		36	0	19.08	19.16	19.26	20.50
		36	18	19.22	19.20	19.52	20.50
		36	39	19.16	19.25	19.42	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up



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		75	0	19.18	19.29	19.51	20.50
	256QAM	1	0	19.13	19.14	19.66	20.50
		1	38	19.21	19.29	19.65	20.50
		1	74	19.48	19.37	19.35	20.50
		36	0	19.19	19.22	19.36	20.50
		36	18	19.32	19.34	19.50	20.50
		36	39	19.26	19.16	19.45	20.50
		75	0	19.12	19.16	19.28	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20850	21100	21350	20.50
		1	50	19.23	19.12	19.20	20.50
		1	99	19.07	19.16	19.55	20.50
		1	99	19.04	19.25	19.20	20.50
		50	0	19.10	19.21	19.41	20.50
		50	25	19.23	19.26	19.43	20.50
		50	50	19.27	19.33	19.43	20.50
	16QAM	100	0	19.25	19.31	19.40	20.50
		1	0	19.25	18.85	19.24	20.50
		1	50	19.28	19.42	19.57	20.50
		1	99	19.14	19.29	19.27	20.50
		50	0	19.13	19.02	19.22	20.50
		50	25	19.29	19.22	19.30	20.50
		50	50	19.22	19.30	19.34	20.50
	64QAM	100	0	19.20	19.28	19.25	20.50
		1	0	19.29	19.49	19.44	20.50
		1	50	18.97	19.43	19.36	20.50
		1	99	19.10	19.42	19.45	20.50
		50	0	19.14	19.12	19.34	20.50
		50	25	19.23	19.26	19.44	20.50
		50	50	19.26	19.27	19.44	20.50
	256QAM	100	0	19.21	19.27	19.43	20.50
		1	0	19.09	19.08	19.58	20.50
		1	50	19.31	19.32	19.59	20.50
		1	99	19.43	19.35	19.44	20.50
		50	0	19.29	19.26	19.28	20.50
		50	25	19.33	19.28	19.45	20.50
		50	50	19.24	19.26	19.36	20.50
		100	0	19.22	19.24	19.35	20.50

LTE Band 7 DIS3/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20775	21100	21425	19.00
		1	13	17.37	17.39	17.58	19.00
		1	24	17.47	17.70	17.75	19.00
		1	24	17.84	17.94	17.91	19.00
		12	0	17.77	17.69	17.70	19.00
		12	6	17.77	17.74	17.87	19.00
		12	13	17.52	17.67	17.75	19.00
	16QAM	25	0	17.53	17.45	17.66	19.00
		1	0	17.54	17.72	17.69	19.00
		1	13	17.36	17.84	18.16	19.00
		1	24	17.35	17.68	17.39	19.00
		12	0	17.70	17.62	17.85	19.00
		12	6	17.79	17.52	17.64	19.00
		12	13	17.50	17.71	18.05	19.00
	64QAM	25	0	17.67	17.33	17.96	19.00
		1	0	17.85	17.80	17.73	19.00
		1	13	17.41	17.90	18.10	19.00
		1	24	17.69	17.73	17.92	19.00



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		12	0	17.71	17.85	17.67	19.00
		12	6	17.48	17.67	18.05	19.00
		12	13	17.68	17.92	17.66	19.00
		25	0	17.56	17.51	17.79	19.00
	256QAM	1	0	17.41	17.67	17.65	19.00
		1	13	17.86	17.70	17.91	19.00
		1	24	17.63	17.93	17.96	19.00
		12	0	17.48	17.64	17.81	19.00
		12	6	17.67	17.63	17.80	19.00
		12	13	17.60	17.95	17.92	19.00
		25	0	17.87	17.50	17.74	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.41	17.45	17.63	19.00
		1	25	17.51	17.75	17.68	19.00
		1	49	17.89	17.90	17.99	19.00
		25	0	17.71	17.77	17.80	19.00
		25	13	17.69	17.67	17.93	19.00
		25	25	17.52	17.77	17.79	19.00
	16QAM	50	0	17.56	17.41	17.72	19.00
		1	0	17.46	17.74	17.77	19.00
		1	25	17.43	17.81	18.08	19.00
		1	49	17.31	17.69	17.47	19.00
		25	0	17.74	17.58	17.95	19.00
		25	13	17.81	17.52	17.69	19.00
	64QAM	25	25	17.57	17.67	17.95	19.00
		50	0	17.58	17.37	17.90	19.00
		1	0	17.91	17.75	17.74	19.00
		1	25	17.46	17.86	18.08	19.00
		1	49	17.70	17.67	17.87	19.00
		25	0	17.70	17.75	17.64	19.00
	256QAM	25	13	17.56	17.64	17.98	19.00
		25	25	17.64	17.93	17.70	19.00
		50	0	17.61	17.57	17.80	19.00
		1	0	17.47	17.74	17.72	19.00
		1	25	17.80	17.64	17.88	19.00
		1	49	17.67	17.84	17.99	19.00
15MHz	QPSK	25	0	17.48	17.57	17.85	19.00
		25	13	17.72	17.60	17.89	19.00
		25	25	17.51	17.85	17.89	19.00
		50	0	17.89	17.54	17.71	19.00
	16QAM	1	0	17.43	17.68	17.72	19.00
		1	38	17.41	17.76	18.10	19.00
		1	74	17.35	17.60	17.53	19.00
		36	0	17.72	17.59	17.93	19.00
		36	18	17.73	17.58	17.79	19.00
		36	39	17.67	17.75	17.94	19.00
	64QAM	75	0	17.65	17.44	17.82	19.00
		1	0	17.81	17.69	17.82	19.00
		1	38	17.50	17.86	18.04	19.00
		1	74	17.76	17.65	17.79	19.00
		36	0	17.64	17.78	17.70	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.47	17.46	17.58	19.00
		1	38	17.56	17.85	17.78	19.00
		1	74	17.84	17.89	18.07	19.00
		36	0	17.66	17.78	17.87	19.00
		36	18	17.65	17.70	17.84	19.00
		36	39	17.61	17.75	17.83	19.00
	16QAM	75	0	17.63	17.49	17.69	19.00
		1	0	17.43	17.68	17.72	19.00
		1	38	17.41	17.76	18.10	19.00
		1	74	17.35	17.60	17.53	19.00
		36	0	17.72	17.59	17.93	19.00
		36	18	17.73	17.58	17.79	19.00
	64QAM	36	39	17.67	17.75	17.94	19.00
		75	0	17.65	17.44	17.82	19.00
		1	0	17.81	17.69	17.82	19.00
		1	38	17.50	17.86	18.04	19.00
		1	74	17.76	17.65	17.79	19.00
		36	0	17.64	17.78	17.70	19.00



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	256QAM	36	18	17.59	17.74	17.94	19.00
		36	39	17.63	17.88	17.76	19.00
		75	0	17.63	17.67	17.72	19.00
		1	0	17.48	17.66	17.73	19.00
		1	38	17.77	17.66	17.80	19.00
		1	74	17.66	17.86	18.04	19.00
		36	0	17.50	17.67	17.85	19.00
		36	18	17.82	17.68	17.94	19.00
		36	39	17.44	17.75	17.89	19.00
		75	0	17.80	17.51	17.64	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.45	17.53	17.66	19.00
		1	50	17.48	17.76	17.70	19.00
		1	99	17.92	17.91	18.09	19.00
		50	0	17.60	17.69	17.81	19.00
		50	25	17.63	17.64	17.87	19.00
		50	50	17.67	17.73	17.85	19.00
		100	0	17.65	17.57	17.77	19.00
	16QAM	1	0	17.47	17.60	17.79	19.00
		1	50	17.45	17.77	18.00	19.00
		1	99	17.42	17.50	17.62	19.00
		50	0	17.63	17.59	17.85	19.00
		50	25	17.66	17.62	17.89	19.00
		50	50	17.68	17.75	17.88	19.00
		100	0	17.67	17.35	17.77	19.00
	64QAM	1	0	17.90	17.70	17.86	19.00
		1	50	17.53	17.85	18.00	19.00
		1	99	17.74	17.75	17.69	19.00
		50	0	17.62	17.71	17.80	19.00
		50	25	17.68	17.73	17.86	19.00
		50	50	17.70	17.80	17.85	19.00
		100	0	17.69	17.60	17.74	19.00
	256QAM	1	0	17.42	17.72	17.68	19.00
		1	50	17.70	17.74	17.89	19.00
		1	99	17.70	17.88	18.01	19.00
		50	0	17.59	17.66	17.76	19.00
		50	25	17.72	17.70	17.84	19.00
		50	50	17.42	17.83	17.88	19.00
		100	0	17.73	17.61	17.72	19.00

LTE Band 66 DSI1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.37	20.01	20.20	21.50
		1	2	19.80	20.14	19.99	21.50
		1	5	19.86	19.83	20.20	21.50
		3	0	19.98	19.87	19.84	21.50
		3	1	19.82	20.06	20.23	21.50
		3	3	19.79	20.31	19.91	21.50
		6	0	19.71	20.02	20.03	21.50
	16QAM	1	0	19.97	20.02	19.98	21.50
		1	2	20.03	19.89	19.98	21.50
		1	5	20.45	20.08	20.32	21.50
		3	0	19.67	19.96	20.00	21.50
		3	1	19.96	19.85	19.78	21.50
		3	3	20.16	19.86	19.82	21.50
		6	0	20.21	20.05	20.11	21.50
	64QAM	1	0	19.70	19.62	19.77	21.50



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		1	2	19.90	20.01	20.29	21.50
		1	5	19.97	20.31	19.65	21.50
		3	0	19.74	19.99	19.81	21.50
		3	1	20.03	19.85	19.80	21.50
		3	3	20.11	19.84	20.20	21.50
		6	0	19.91	20.10	20.08	21.50
	256QAM	1	0	18.96	18.92	19.17	20.50
		1	2	19.43	19.08	18.97	20.50
		1	5	19.33	19.52	19.06	20.50
		3	0	19.00	18.86	19.13	20.50
		3	1	19.09	19.00	19.07	20.50
		3	3	19.32	19.30	19.22	20.50
		6	0	18.96	19.10	19.22	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	20.27	19.98	20.13	21.50
		1	7	19.84	20.07	19.94	21.50
		1	14	19.84	19.74	20.11	21.50
		8	0	19.98	19.82	19.82	21.50
		8	4	19.90	20.13	20.26	21.50
		8	7	19.85	20.30	20.01	21.50
		15	0	19.79	20.01	19.94	21.50
	16QAM	1	0	19.98	20.04	19.92	21.50
		1	7	20.03	19.95	20.01	21.50
		1	14	20.38	19.99	20.29	21.50
		8	0	19.75	19.94	20.00	21.50
		8	4	19.97	19.95	19.84	21.50
		8	7	20.14	19.95	19.92	21.50
		15	0	20.16	19.95	20.09	21.50
	64QAM	1	0	19.73	19.55	19.83	21.50
		1	7	19.96	19.92	20.26	21.50
		1	14	20.02	20.30	19.74	21.50
		8	0	19.83	20.06	19.88	21.50
		8	4	20.02	19.94	19.81	21.50
		8	7	20.14	19.91	20.13	21.50
		15	0	19.92	20.20	20.07	21.50
	256QAM	1	0	19.03	18.99	19.07	20.50
		1	7	19.48	19.14	18.87	20.50
		1	14	19.23	19.51	19.04	20.50
		8	0	19.01	18.80	19.11	20.50
		8	4	19.13	18.90	19.16	20.50
		8	7	19.27	19.20	19.19	20.50
		15	0	19.04	19.02	19.12	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.30	20.06	20.19	21.50
		1	13	19.82	20.04	19.88	21.50
		1	24	19.88	19.71	20.09	21.50
		12	0	19.89	19.89	19.90	21.50
		12	6	19.94	20.22	20.18	21.50
		12	13	19.94	20.23	20.05	21.50
		25	0	19.89	20.02	19.90	21.50
	16QAM	1	0	20.08	20.08	19.99	21.50
		1	13	20.09	19.87	20.11	21.50
		1	24	20.43	20.07	20.27	21.50
		12	0	19.75	19.92	20.09	21.50
		12	6	19.93	19.88	19.85	21.50
		12	13	20.11	20.04	20.00	21.50
		25	0	20.13	19.90	20.08	21.50
	64QAM	1	0	19.79	19.59	19.87	21.50
		1	13	20.02	19.92	20.16	21.50



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		1	24	20.11	20.30	19.64	21.50	
		12	0	19.77	20.03	19.91	21.50	
		12	6	20.04	19.99	19.91	21.50	
		12	13	20.17	19.98	20.20	21.50	
		25	0	19.87	20.27	19.97	21.50	
	256QAM	1	0	19.06	18.91	19.07	20.50	
		1	13	19.44	19.14	18.92	20.50	
		1	24	19.28	19.49	19.12	20.50	
		12	0	19.09	18.88	19.06	20.50	
		12	6	19.07	18.95	19.10	20.50	
		12	13	19.17	19.11	19.21	20.50	
	25	0	19.03	19.04	19.15	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132022	132322	132622		
10MHz	QPSK	1	0	20.32	20.15	20.18	21.50	
		1	25	19.88	20.08	19.91	21.50	
		1	49	19.81	19.68	20.08	21.50	
		25	0	19.88	19.81	19.92	21.50	
		25	13	20.02	20.13	20.11	21.50	
		25	25	20.03	20.22	20.10	21.50	
		50	0	19.91	20.06	19.96	21.50	
	16QAM	1	0	19.99	20.16	19.97	21.50	
		1	25	20.00	19.79	20.03	21.50	
		1	49	20.42	20.01	20.19	21.50	
		25	0	19.78	19.92	20.17	21.50	
		25	13	19.89	19.98	19.92	21.50	
		25	25	20.07	20.05	19.92	21.50	
		50	0	20.03	19.88	20.13	21.50	
	64QAM	1	0	19.83	19.65	19.77	21.50	
		1	25	19.96	19.84	20.09	21.50	
		1	49	20.10	20.25	19.64	21.50	
		25	0	19.87	19.95	19.86	21.50	
		25	13	19.99	20.08	19.86	21.50	
		25	25	20.14	20.06	20.18	21.50	
		50	0	19.81	20.23	19.94	21.50	
	256QAM	1	0	19.06	18.88	18.97	20.50	
		1	25	19.44	19.07	19.00	20.50	
		1	49	19.29	19.54	19.09	20.50	
		25	0	19.02	18.89	19.04	20.50	
		25	13	19.01	19.02	19.11	20.50	
		25	25	19.14	19.17	19.16	20.50	
		50	0	18.99	19.14	19.06	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132047	132322	132597	
15MHz	QPSK	1	0	20.28	20.08	20.23	21.50	
		1	38	19.95	19.99	19.88	21.50	
		1	74	19.90	19.78	20.18	21.50	
		36	0	19.85	19.88	20.02	21.50	
		36	18	19.99	20.04	20.10	21.50	
		36	39	19.95	20.13	20.06	21.50	
		75	0	19.99	19.96	20.05	21.50	
	16QAM	1	0	20.06	20.08	20.01	21.50	
		1	38	19.96	19.75	19.98	21.50	
		1	74	20.52	19.91	20.11	21.50	
		36	0	19.82	19.98	20.09	21.50	
		36	18	19.92	19.88	19.99	21.50	
		36	39	19.98	19.96	19.96	21.50	
		75	0	20.01	19.95	20.04	21.50	
	64QAM	1	0	19.92	19.67	19.74	21.50	
		1	38	19.95	19.75	20.13	21.50	
		1	74	20.04	20.21	19.62	21.50	



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		36	0	19.97	19.93	19.78	21.50
		36	18	20.00	20.05	19.81	21.50
		36	39	20.05	20.06	20.23	21.50
		75	0	19.89	20.13	20.01	21.50
	256QAM	1	0	19.00	18.84	18.90	20.50
		1	38	19.36	19.00	18.93	20.50
		1	74	19.27	19.50	19.13	20.50
		36	0	19.00	18.92	19.00	20.50
		36	18	19.00	19.05	19.04	20.50
		36	39	19.05	19.12	19.26	20.50
		75	0	18.98	19.10	19.12	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					132072	132322	132572
							Tune up
20MHz	QPSK	1	0	20.29	20.05	20.29	21.50
		1	50	19.86	20.06	19.86	21.50
		1	99	19.91	19.80	20.13	21.50
		50	0	19.91	19.86	19.93	21.50
		50	25	20.00	20.00	20.01	21.50
		50	50	20.00	20.06	20.07	21.50
	16QAM	100	0	19.97	19.98	20.01	21.50
		1	0	20.02	19.99	20.01	21.50
		1	50	20.06	19.84	20.00	21.50
		1	99	20.42	20.00	20.06	21.50
		50	0	19.89	19.93	19.99	21.50
		50	25	19.98	19.97	19.99	21.50
	64QAM	50	50	19.94	20.06	20.05	21.50
		100	0	20.01	19.94	19.96	21.50
		1	0	19.85	19.74	19.82	21.50
		1	50	19.94	19.81	20.07	21.50
		1	99	19.96	20.16	19.72	21.50
		50	0	19.90	19.91	19.76	21.50
	256QAM	50	25	20.04	19.95	19.88	21.50
		50	50	20.02	20.01	20.15	21.50
		100	0	19.99	20.03	19.93	21.50
		1	0	18.98	18.94	18.95	20.50
		1	50	19.31	18.99	18.93	20.50
		1	99	19.27	19.41	19.19	20.50
		50	0	19.05	18.86	19.09	20.50
		50	25	19.10	19.09	19.05	20.50
		50	50	19.13	19.15	19.25	20.50
		100	0	19.07	19.07	19.02	20.50

LTE Band 66 DS13/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.46	19.94	19.48	21.00
		1	2	19.37	19.52	19.08	21.00
		1	5	19.62	19.42	19.38	21.00
		3	0	19.46	19.41	19.58	21.00
		3	1	19.53	19.47	19.48	21.00
		3	3	19.62	19.44	19.61	21.00
	16QAM	6	0	19.41	19.25	19.32	21.00
		1	0	19.71	19.98	19.36	21.00
		1	2	19.50	19.34	19.61	21.00
		1	5	19.37	19.07	19.20	21.00
		3	0	19.52	19.56	19.44	21.00
		3	1	19.49	19.36	19.70	21.00
		3	3	19.57	19.67	19.52	21.00
		6	0	19.47	19.31	19.43	21.00



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	64QAM	1	0	19.32	19.15	19.38	21.00
		1	2	19.47	19.50	19.51	21.00
		1	5	19.78	19.38	19.30	21.00
		3	0	19.42	19.13	19.48	21.00
		3	1	19.50	19.38	19.62	21.00
		3	3	19.58	19.28	19.59	21.00
	256QAM	6	0	19.69	19.30	19.51	21.00
		1	0	18.67	19.30	19.02	20.50
		1	2	18.95	18.77	18.85	20.50
		1	5	19.26	18.99	19.00	20.50
		3	0	18.90	18.93	18.89	20.50
		3	1	19.26	19.04	19.11	20.50
Bandwidth	Modulation	3	3	19.20	19.32	19.19	20.50
		6	0	18.87	19.14	19.19	20.50
		RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
		1	0	19.41	19.93	19.39	21.00
		1	7	19.42	19.55	19.14	21.00
		1	14	19.60	19.38	19.41	21.00
		8	0	19.37	19.31	19.53	21.00
		8	4	19.55	19.54	19.42	21.00
		8	7	19.54	19.50	19.62	21.00
		15	0	19.43	19.30	19.39	21.00
		1	0	19.69	19.99	19.39	21.00
3MHz	QPSK	1	7	19.44	19.42	19.55	21.00
		1	14	19.45	19.04	19.26	21.00
		8	0	19.43	19.49	19.45	21.00
		8	4	19.41	19.43	19.62	21.00
		8	7	19.67	19.74	19.57	21.00
		15	0	19.38	19.39	19.41	21.00
	16QAM	1	0	19.33	19.25	19.46	21.00
		1	7	19.43	19.45	19.51	21.00
		1	14	19.73	19.46	19.32	21.00
		8	0	19.34	19.19	19.50	21.00
		8	4	19.43	19.36	19.65	21.00
		8	7	19.56	19.35	19.63	21.00
	64QAM	15	0	19.74	19.28	19.61	21.00
		1	0	18.77	19.35	19.03	20.50
		1	7	18.99	18.83	18.90	20.50
		1	14	19.29	18.96	18.95	20.50
		8	0	18.94	18.87	18.96	20.50
		8	4	19.20	19.00	19.17	20.50
	256QAM	8	7	19.25	19.38	19.26	20.50
		15	0	18.92	19.05	19.21	20.50
		1	0	19.37	19.86	19.29	21.00
		1	13	19.51	19.46	19.18	21.00
		1	24	19.50	19.46	19.40	21.00
		12	0	19.33	19.38	19.46	21.00
5MHz	QPSK	12	6	19.64	19.53	19.38	21.00
		12	13	19.51	19.53	19.54	21.00
		25	0	19.43	19.27	19.38	21.00
	16QAM	1	0	19.65	19.98	19.40	21.00
		1	13	19.39	19.39	19.45	21.00
		1	24	19.38	19.14	19.34	21.00
		12	0	19.44	19.41	19.37	21.00
		12	6	19.31	19.52	19.56	21.00
		12	13	19.76	19.71	19.57	21.00
	64QAM	25	0	19.48	19.45	19.39	21.00
		1	0	19.33	19.35	19.50	21.00



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		1	13	19.52	19.38	19.52	21.00
		1	24	19.68	19.46	19.37	21.00
		12	0	19.30	19.27	19.44	21.00
		12	6	19.33	19.43	19.68	21.00
		12	13	19.48	19.35	19.55	21.00
		25	0	19.68	19.33	19.51	21.00
	256QAM	1	0	18.82	19.30	19.05	20.50
		1	13	18.93	18.74	18.93	20.50
		1	24	19.36	19.04	19.03	20.50
		12	0	18.93	18.91	19.06	20.50
		12	6	19.15	19.02	19.18	20.50
		12	13	19.16	19.30	19.35	20.50
		25	0	18.89	18.98	19.11	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					132022	132322	132622
10MHz	QPSK	1	0	19.42	19.84	19.19	21.00
		1	25	19.47	19.48	19.28	21.00
		1	49	19.40	19.38	19.41	21.00
		25	0	19.32	19.33	19.43	21.00
		25	13	19.58	19.58	19.36	21.00
		25	25	19.57	19.46	19.49	21.00
	16QAM	50	0	19.43	19.31	19.41	21.00
		1	0	19.55	19.98	19.32	21.00
		1	25	19.31	19.44	19.45	21.00
		1	49	19.46	19.19	19.41	21.00
		25	0	19.47	19.38	19.43	21.00
		25	13	19.40	19.60	19.47	21.00
	64QAM	25	25	19.66	19.62	19.57	21.00
		50	0	19.42	19.39	19.45	21.00
		1	0	19.43	19.25	19.47	21.00
		1	25	19.43	19.37	19.53	21.00
		1	49	19.72	19.39	19.36	21.00
		25	0	19.31	19.24	19.42	21.00
	256QAM	25	13	19.41	19.45	19.59	21.00
		25	25	19.43	19.36	19.51	21.00
		50	0	19.74	19.40	19.48	21.00
		1	0	18.75	19.34	18.99	20.50
		1	25	18.97	18.81	18.99	20.50
		1	49	19.38	18.99	18.98	20.50
15MHz	QPSK	25	0	19.02	18.89	18.97	20.50
		25	13	19.11	19.02	19.15	20.50
		25	25	19.13	19.23	19.34	20.50
		50	0	18.95	19.04	19.08	20.50
	16QAM	1	0	19.43	19.83	19.22	21.00
		1	38	19.38	19.44	19.26	21.00
		1	74	19.38	19.44	19.40	21.00
		36	0	19.42	19.32	19.41	21.00
		36	18	19.52	19.54	19.32	21.00
		36	39	19.53	19.51	19.54	21.00
	64QAM	75	0	19.38	19.29	19.36	21.00
		1	0	19.45	19.93	19.26	21.00
		1	38	19.34	19.39	19.44	21.00
		1	74	19.44	19.15	19.48	21.00
		36	0	19.42	19.32	19.39	21.00
		36	18	19.48	19.56	19.41	21.00
		36	39	19.59	19.57	19.47	21.00
		75	0	19.52	19.46	19.38	21.00
		1	0	19.40	19.30	19.46	21.00
		1	38	19.51	19.32	19.62	21.00



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		1	74	19.67	19.48	19.42	21.00
		36	0	19.37	19.26	19.49	21.00
		36	18	19.42	19.54	19.58	21.00
		36	39	19.44	19.35	19.60	21.00
		75	0	19.66	19.41	19.50	21.00
	256QAM	1	0	18.69	19.28	19.05	20.50
		1	38	18.97	18.89	19.03	20.50
		1	74	19.33	18.99	18.92	20.50
		36	0	19.02	18.97	18.97	20.50
		36	18	19.10	19.09	19.15	20.50
36	39	19.10	19.21	19.32	20.50		
75	0	19.00	18.97	19.11	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	19.50	19.78	19.17	21.00
		1	50	19.40	19.49	19.31	21.00
		1	99	19.44	19.45	19.45	21.00
		50	0	19.38	19.37	19.39	21.00
		50	25	19.47	19.45	19.41	21.00
		50	50	19.55	19.52	19.58	21.00
	16QAM	100	0	19.43	19.32	19.41	21.00
		1	0	19.39	19.83	19.28	21.00
		1	50	19.29	19.35	19.35	21.00
		1	99	19.53	19.08	19.38	21.00
		50	0	19.41	19.30	19.42	21.00
		50	25	19.52	19.54	19.47	21.00
	64QAM	50	50	19.62	19.49	19.52	21.00
		100	0	19.47	19.50	19.42	21.00
		1	0	19.36	19.29	19.38	21.00
		1	50	19.47	19.36	19.53	21.00
		1	99	19.64	19.58	19.42	21.00
		50	0	19.38	19.36	19.40	21.00
	256QAM	50	25	19.46	19.55	19.50	21.00
		50	50	19.49	19.37	19.50	21.00
		100	0	19.58	19.50	19.43	21.00
		1	0	18.76	19.22	19.02	20.50
		1	50	18.91	18.96	19.04	20.50
		1	99	19.25	19.06	18.84	20.50
	50	0	18.95	18.87	18.95	20.50	
	50	25	19.13	19.06	19.10	20.50	
	50	50	19.04	19.15	19.27	20.50	
	100	0	19.09	19.05	19.06	20.50	

LTE Band 38 DSI1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	37775	38000	38225	25.60
		1	13	24.25	24.27	24.20	25.60
		1	24	24.42	24.42	24.42	25.60
		12	0	24.11	24.09	24.15	25.60
		12	6	23.31	23.27	23.17	24.60
		12	13	23.50	23.47	23.45	24.60
		12	25	23.37	23.47	23.41	24.60
		25	0	23.37	23.27	23.27	24.60
	16QAM	1	0	23.24	23.29	23.22	24.60
		1	13	23.06	23.03	23.06	24.60
		1	24	23.01	23.06	23.08	24.60
		12	0	22.42	22.40	22.31	23.60
		12	6	22.31	22.39	22.32	23.60
		12	13	22.63	22.54	22.64	23.60



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	64QAM	25	0	22.25	22.25	22.21	23.60
		1	0	22.51	22.48	22.51	23.60
		1	13	22.24	22.20	22.17	23.60
		1	24	22.13	22.20	22.12	23.60
		12	0	21.41	21.46	21.52	22.60
		12	6	21.40	21.34	21.37	22.60
		12	13	21.31	21.40	21.42	22.60
		25	0	21.50	21.48	21.42	22.60
		1	0	19.56	19.66	19.76	20.60
		1	13	18.96	18.99	18.96	20.60
		1	24	19.28	19.18	19.11	20.60
		12	0	19.59	19.52	19.42	20.60
		12	6	19.42	19.41	19.39	20.60
		12	13	19.36	19.27	19.27	20.60
	256QAM	25	0	19.22	19.30	19.30	20.60
		1	0	19.56	19.66	19.76	20.60
		1	13	18.96	18.99	18.96	20.60
		1	24	19.28	19.18	19.11	20.60
		12	0	19.59	19.52	19.42	20.60
		12	6	19.42	19.41	19.39	20.60
		12	13	19.36	19.27	19.27	20.60
		25	0	19.22	19.30	19.30	20.60
		1	0	19.56	19.66	19.76	20.60
		1	13	18.96	18.99	18.96	20.60
		1	24	19.28	19.18	19.11	20.60
		12	0	19.59	19.52	19.42	20.60
		12	6	19.42	19.41	19.39	20.60
		12	13	19.36	19.27	19.27	20.60
	10MHz	1	0	24.12	24.19	24.11	25.60
		1	25	24.36	24.32	24.35	25.60
		1	49	24.04	24.14	24.12	25.60
		25	0	23.35	23.28	23.27	24.60
		25	13	23.49	23.45	23.44	24.60
		25	25	23.34	23.44	23.48	24.60
		50	0	23.29	23.35	23.25	24.60
		1	0	23.24	23.26	23.17	24.60
		1	25	23.03	23.10	23.06	24.60
		1	49	23.06	22.97	22.95	24.60
		25	0	22.57	22.47	22.54	23.60
		25	13	22.35	22.39	22.30	23.60
		25	25	22.52	22.45	22.44	23.60
		50	0	22.20	22.26	22.31	23.60
	15MHz	1	0	22.36	22.41	22.42	23.60
		1	25	22.11	22.13	22.11	23.60
		1	49	22.06	22.16	22.09	23.60
		25	0	21.37	21.40	21.45	22.60
		25	13	21.26	21.27	21.27	22.60
		25	25	21.38	21.34	21.43	22.60
		50	0	21.53	21.44	21.36	22.60
		1	0	19.57	19.59	19.60	20.60
		1	25	18.96	18.98	19.05	20.60
		1	49	19.26	19.19	19.25	20.60
		25	0	19.52	19.49	19.50	20.60
		25	13	19.49	19.39	19.31	20.60
		25	25	19.30	19.20	19.23	20.60
		50	0	19.32	19.34	19.36	20.60
	16QAM	1	0	24.30	24.21	24.25	25.60
		1	38	24.35	24.37	24.12	25.60
		1	74	24.19	24.22	24.03	25.60
		36	0	23.45	23.34	23.35	24.60
		36	18	23.46	23.43	23.34	24.60
		36	39	23.49	23.35	23.30	24.60
		75	0	23.47	23.34	23.32	24.60
		1	0	23.11	23.24	23.15	24.60
		1	38	23.45	23.10	22.90	24.60
		1	74	23.06	23.00	23.05	24.60
		36	0	22.51	22.44	22.40	23.60
		36	18	22.40	22.30	22.37	23.60
		36	39	22.44	22.47	22.34	23.60
		75	0	22.46	22.36	22.36	23.60



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	64QAM	1	0	22.20	22.34	22.09	23.60
		1	38	22.43	22.20	22.09	23.60
		1	74	22.31	22.18	21.85	23.60
		36	0	21.46	21.33	21.40	22.60
		36	18	21.45	21.32	21.32	22.60
		36	39	21.41	21.29	21.31	22.60
		75	0	21.47	21.42	21.34	22.60
	256QAM	1	0	19.12	19.50	19.41	20.60
		1	38	19.29	19.05	19.25	20.60
		1	74	19.34	19.27	19.14	20.60
		36	0	19.46	19.46	19.36	20.60
		36	18	19.47	19.43	19.34	20.60
		36	39	19.44	19.26	19.38	20.60
		75	0	19.47	19.33	19.38	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	/	38000	/	25.60
		1	50	/	24.33	/	25.60
		1	99	/	24.17	/	25.60
		50	0	/	23.38	/	24.60
		50	25	/	23.37	/	24.60
		50	50	/	23.34	/	24.60
		100	0	/	23.34	/	24.60
	16QAM	1	0	/	23.26	/	24.60
		1	50	/	23.07	/	24.60
		1	99	/	22.98	/	24.60
		50	0	/	22.35	/	23.60
		50	25	/	22.39	/	23.60
		50	50	/	22.40	/	23.60
		100	0	/	22.37	/	23.60
	64QAM	1	0	/	22.27	/	23.60
		1	50	/	22.27	/	23.60
		1	99	/	22.24	/	23.60
		50	0	/	21.35	/	22.60
		50	25	/	21.36	/	22.60
		50	50	/	21.37	/	22.60
		100	0	/	21.40	/	22.60
	256QAM	1	0	/	19.42	/	20.60
		1	50	/	19.05	/	20.60
		1	99	/	19.18	/	20.60
		50	0	/	19.42	/	20.60
		50	25	/	19.39	/	20.60
		50	50	/	19.32	/	20.60
		100	0	/	19.37	/	20.60

LTE Band 38 DSI3/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	37775	38000	38225	20.60
		1	13	19.54	19.60	19.61	20.60
		1	24	19.49	19.46	19.53	20.60
		12	0	19.59	19.53	19.58	20.60
		12	6	19.62	19.69	19.69	20.60
		12	13	19.56	19.46	19.54	20.60
		25	0	19.59	19.68	19.62	20.60
	16QAM	1	0	19.49	19.53	19.60	20.60
		1	0	19.28	19.36	19.30	20.60
		1	13	19.44	19.35	19.37	20.60
		1	24	19.08	19.01	19.01	20.60
		12	0	19.58	19.58	19.63	20.60



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		12	6	19.59	19.63	19.55	20.60
		12	13	19.31	19.30	19.40	20.60
		25	0	19.38	19.42	19.37	20.60
	64QAM	1	0	19.52	19.47	19.54	20.60
		1	13	19.58	19.57	19.62	20.60
		1	24	19.55	19.54	19.64	20.60
		12	0	19.43	19.38	19.30	20.60
		12	6	19.32	19.27	19.24	20.60
		12	13	19.17	19.13	19.17	20.60
		25	0	19.59	19.58	19.62	20.60
	256QAM	1	0	19.37	19.41	19.32	20.60
		1	13	19.28	19.32	19.22	20.60
		1	24	19.52	19.44	19.36	20.60
		12	0	19.51	19.47	19.43	20.60
		12	6	19.34	19.41	19.44	20.60
		12	13	19.28	19.36	19.27	20.60
		25	0	19.43	19.34	19.36	20.60
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	19.65	19.63	19.65	20.60
		1	25	19.38	19.42	19.37	20.60
		1	49	19.64	19.54	19.56	20.60
		25	0	19.57	19.66	19.58	20.60
		25	13	19.50	19.42	19.42	20.60
		25	25	19.57	19.61	19.56	20.60
		50	0	19.60	19.52	19.58	20.60
	16QAM	1	0	19.35	19.26	19.20	20.60
		1	25	19.40	19.43	19.52	20.60
		1	49	19.16	19.06	19.14	20.60
		25	0	19.50	19.49	19.48	20.60
		25	13	19.59	19.56	19.52	20.60
		25	25	19.45	19.40	19.50	20.60
		50	0	19.37	19.37	19.29	20.60
	64QAM	1	0	19.53	19.49	19.42	20.60
		1	25	19.72	19.62	19.54	20.60
		1	49	19.55	19.46	19.49	20.60
		25	0	19.45	19.42	19.52	20.60
		25	13	19.39	19.29	19.37	20.60
		25	25	19.22	19.22	19.24	20.60
		50	0	19.52	19.50	19.49	20.60
	256QAM	1	0	19.47	19.39	19.45	20.60
		1	25	19.22	19.24	19.33	20.60
		1	49	19.33	19.40	19.50	20.60
		25	0	19.37	19.40	19.44	20.60
		25	13	19.42	19.45	19.49	20.60
		25	25	19.27	19.34	19.25	20.60
		50	0	19.35	19.29	19.26	20.60
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	19.46	19.64	19.48	20.60
		1	38	19.47	19.36	19.32	20.60
		1	74	19.37	19.44	19.26	20.60
		36	0	19.70	19.60	19.54	20.60
		36	18	19.65	19.45	19.54	20.60
		36	39	19.62	19.61	19.50	20.60
		75	0	19.68	19.47	19.55	20.60
	16QAM	1	0	19.28	19.25	19.18	20.60
		1	38	19.57	19.33	19.39	20.60
		1	74	19.37	19.16	19.15	20.60
		36	0	19.68	19.53	19.51	20.60
		36	18	19.39	19.47	19.43	20.60



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	64QAM	36	39	19.47	19.48	19.47	20.60
		75	0	19.51	19.32	19.47	20.60
		1	0	19.59	19.44	19.41	20.60
		1	38	19.38	19.62	19.30	20.60
		1	74	19.45	19.50	19.12	20.60
		36	0	19.53	19.46	19.42	20.60
		36	18	19.48	19.38	19.42	20.60
		36	39	19.47	19.28	19.36	20.60
		75	0	19.45	19.40	19.35	20.60
	256QAM	1	0	19.42	19.29	19.41	20.60
		1	38	19.32	19.17	19.29	20.60
		1	74	19.55	19.33	18.96	20.60
		36	0	19.51	19.38	19.41	20.60
		36	18	19.53	19.47	19.42	20.60
		36	39	19.51	19.36	19.32	20.60
		75	0	19.48	19.37	19.37	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	/	19.57	/	20.60
		1	50	/	19.38	/	20.60
		1	99	/	19.40	/	20.60
		50	0	/	19.57	/	20.60
		50	25	/	19.55	/	20.60
		50	50	/	19.58	/	20.60
		100	0	/	19.55	/	20.60
	16QAM	1	0	/	19.19	/	20.60
		1	50	/	19.34	/	20.60
		1	99	/	19.25	/	20.60
		50	0	/	19.44	/	20.60
		50	25	/	19.48	/	20.60
		50	50	/	19.55	/	20.60
		100	0	/	19.42	/	20.60
	64QAM	1	0	/	19.38	/	20.60
		1	50	/	19.58	/	20.60
		1	99	/	19.43	/	20.60
		50	0	/	19.39	/	20.60
		50	25	/	19.44	/	20.60
		50	50	/	19.38	/	20.60
		100	0	/	19.39	/	20.60
	256QAM	1	0	/	19.35	/	20.60
		1	50	/	19.20	/	20.60
		1	99	/	19.24	/	20.60
		50	0	/	19.43	/	20.60
		50	25	/	19.42	/	20.60
		50	50	/	19.39	/	20.60
		100	0	/	19.41	/	20.60

LTE Band 41 2496 - 2690 DSI1				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	23.81	24.16	23.89	23.83	24.16	25.40
		1	13	24.01	24.25	23.87	23.99	24.11	25.40
		1	24	23.91	24.18	23.66	23.81	24.22	25.40
		12	0	23.1	23.01	22.88	23.06	23.31	24.40
		12	6	23.11	23.22	22.76	23.2	23.3	24.40
		12	13	22.96	23.28	22.75	23.06	23.31	24.40
		25	0	23.22	23.35	22.87	23.04	23.12	24.40
	16QAM	1	0	22.87	23.11	22.49	22.75	23.16	24.40
		1	13	23.09	22.78	22.65	23.02	22.74	24.40



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		1	24	22.84	23.15	22.57	22.91	22.85	24.40
		12	0	22.07	22.35	21.89	22.25	22.29	23.40
		12	6	22.29	22.18	21.82	22.2	22.3	23.40
		12	13	22.05	22.2	21.87	22.4	22.28	23.40
		25	0	22.1	22.15	21.73	22.34	22.24	23.40
	64QAM	1	0	22.85	22.12	21.73	22.82	22.12	23.40
		1	13	22.89	22.04	21.60	22.77	22.03	23.40
		1	24	22.64	22.25	21.80	22.68	22.27	23.40
		12	0	22.35	21.20	21.11	22.25	21.36	22.40
		12	6	22.19	21.13	21.04	22.12	21.20	22.40
	256QAM	12	13	22.31	21.13	20.72	22.31	21.29	22.40
		25	0	22.03	21.01	20.88	22.11	21.14	22.40
		1	0	19.06	19.42	18.56	19.05	19.26	20.40
		1	13	18.99	19.27	18.63	19.17	19.28	20.40
		1	24	18.89	19.08	18.77	18.95	19.21	20.40
		12	0	19.25	19.38	18.98	19.19	19.48	20.40
		12	6	19.41	19.50	18.84	19.39	19.14	20.40
		12	13	19.34	19.31	18.87	19.27	19.54	20.40
		25	0	19.12	19.35	18.93	19.16	19.24	20.40
		25	0	19.12	19.35	18.93	19.16	19.24	20.40
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
					39700	40160	40620	41080	41540
10MHz	QPSK		1	0	23.78	24.15	23.86	23.82	24.22
			1	25	23.93	24.16	23.81	24.04	24.14
			1	49	23.95	24.08	23.76	23.9	24.17
			25	0	23.16	23.11	22.91	23.09	23.31
			25	13	23.19	23.26	22.83	23.15	23.23
			25	25	22.98	23.37	22.79	23.02	23.29
	16QAM		50	0	23.16	23.33	22.95	23.13	23.21
			1	0	22.94	23.12	22.54	22.8	23.14
			1	25	23.19	22.81	22.73	23.07	22.82
			1	49	22.81	23.06	22.66	22.97	22.91
			25	0	22.03	22.31	21.91	22.18	22.37
			25	13	22.29	22.25	21.78	22.16	22.24
	64QAM		25	25	22.11	22.23	21.87	22.32	22.2
			50	0	22.08	22.18	21.82	22.24	22.17
			1	0	22.79	22.22	21.67	22.79	22.21
			1	25	22.96	22.13	21.58	22.87	21.94
			1	49	22.66	22.23	21.82	22.70	22.17
			25	0	22.33	21.20	21.03	22.27	21.33
	256QAM		25	13	22.19	21.16	20.97	22.15	21.29
			25	25	22.22	21.11	20.78	22.29	21.20
			50	0	22.06	21.11	20.95	22.09	21.19
			1	0	18.96	19.34	18.47	19.02	19.35
			1	25	19.08	19.21	18.70	19.22	19.23
			1	49	18.84	19.02	18.83	19.01	19.14
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
					39725	40173	40620	41068	41515
15MHz	QPSK		1	0	23.81	24.22	23.9	23.88	24.29
			1	38	24	24.19	23.85	24.09	24.21
			1	74	24.05	24.06	23.74	23.94	24.24
			36	0	23.24	23.19	22.82	23.15	23.33
			36	18	23.11	23.3	22.84	23.13	23.24
			36	39	23.05	23.28	22.76	23.06	23.19
	16QAM		75	0	23.13	23.3	22.91	23.1	23.13
			1	0	22.96	23.21	22.6	22.87	23.1
			1	38	23.14	22.79	22.81	23	22.81
			1	74	22.75	23.13	22.64	22.89	22.99



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		36	0	22.13	22.38	21.89	22.08	22.41	23.40
		36	18	22.21	22.18	21.88	22.23	22.33	23.40
		36	39	22.11	22.15	21.83	22.33	22.29	23.40
		75	0	22.15	22.2	21.9	22.27	22.13	23.40
	64QAM	1	0	22.83	22.24	21.71	22.75	22.15	23.40
		1	38	23.02	22.03	21.65	22.84	21.96	23.40
		1	74	22.76	22.21	21.75	22.80	22.19	23.40
		36	0	22.26	21.24	20.93	22.22	21.31	22.40
		36	18	22.12	21.19	20.87	22.15	21.29	22.40
		36	39	22.24	21.18	20.87	22.19	21.17	22.40
		75	0	22.09	21.15	20.98	22.11	21.22	22.40
	256QAM	1	0	18.93	19.30	18.56	18.93	19.32	20.40
		1	38	19.02	19.28	18.79	19.14	19.26	20.40
		1	74	18.93	19.00	18.84	18.99	19.08	20.40
		36	0	19.19	19.24	18.90	19.13	19.43	20.40
		36	18	19.23	19.37	18.84	19.24	19.28	20.40
		36	39	19.24	19.20	18.90	19.14	19.41	20.40
		75	0	19.12	19.24	18.94	19.31	19.22	20.40
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490
20MHz	QPSK	1	0	23.84	24.1	23.8	23.84	24.2	25.40
		1	50	24.06	24.18	23.8	24.06	24.2	25.40
		1	99	24.03	24.15	23.7	24.01	24.17	25.40
		50	0	23.17	23.24	22.9	23.12	23.23	24.40
		50	25	23.16	23.28	22.93	23.2	23.33	24.40
		50	50	23.13	23.24	22.75	23.12	23.21	24.40
		100	0	23.16	23.24	22.86	23.2	23.23	24.40
	16QAM	1	0	22.88	23.12	22.63	22.84	23.14	24.40
		1	50	23.06	22.8	22.78	23.04	22.75	24.40
		1	99	22.85	23.05	22.63	22.86	23.04	24.40
		50	0	22.19	22.29	21.91	22.15	22.33	23.40
		50	25	22.19	22.28	21.88	22.16	22.31	23.40
		50	50	22.19	22.24	21.82	22.23	22.27	23.40
		100	0	22.21	22.24	21.93	22.25	22.19	23.40
	64QAM	1	0	22.77	22.20	21.70	22.72	22.20	23.40
		1	50	22.93	22.00	21.74	22.91	22.00	23.40
		1	99	22.81	22.14	21.66	22.84	22.09	23.40
		50	0	22.19	21.32	20.89	22.23	21.27	22.40
		50	25	22.22	21.26	20.89	22.20	21.26	22.40
		50	50	22.15	21.20	20.79	22.16	21.18	22.40
		100	0	22.19	21.25	20.90	22.16	21.24	22.40
	256QAM	1	0	18.89	19.27	18.66	18.94	19.24	20.40
		1	50	19.06	19.20	18.89	19.06	19.19	20.40
		1	99	19.03	19.06	18.76	19.00	19.06	20.40
		50	0	19.16	19.33	18.93	19.15	19.35	20.40
		50	25	19.22	19.31	18.92	19.20	19.29	20.40
		50	50	19.21	19.30	18.84	19.22	19.35	20.40
		100	0	19.19	19.24	18.88	19.24	19.23	20.40

LTE Band 41 2496 - 2690 DSI3/4/5				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	39675	40148	40620	41093	41565	20.90
		1	13	20.11	19.98	19.56	19.62	20	20.90
		1	24	19.82	19.79	19.4	19.66	19.84	20.90
		1	24	19.66	19.87	19.48	19.49	19.85	20.90
		12	0	20.09	19.76	19.61	19.79	19.86	20.90
		12	6	19.94	19.82	19.47	20.04	19.87	20.90
		12	13	19.96	19.8	19.53	19.83	19.85	20.90
		25	0	19.87	20.11	19.46	20.01	20.09	20.90



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	16QAM	1	0	19.71	19.96	19.38	19.93	19.88	20.90	
		1	13	19.9	19.65	19.42	19.75	19.75	20.90	
		1	24	19.5	19.72	19.43	19.62	19.84	20.90	
		12	0	19.98	20.05	19.67	20.05	19.85	20.90	
		12	6	19.88	19.8	19.55	20.06	20.05	20.90	
		12	13	19.84	19.84	19.22	19.83	20.02	20.90	
		25	0	19.96	20.04	19.53	19.85	19.97	20.90	
		1	0	19.77	19.70	19.72	19.66	20.03	20.90	
		1	13	19.84	20.06	19.57	19.75	20.01	20.90	
		1	24	19.60	19.89	19.44	19.66	19.93	20.90	
		12	0	19.71	19.76	19.66	19.92	19.95	20.90	
		12	6	19.72	20.02	19.61	20.02	19.81	20.90	
		12	13	19.77	19.96	19.52	19.66	19.89	20.90	
		25	0	19.81	19.77	19.51	19.82	19.83	20.90	
		1	0	19.14	19.10	18.64	19.13	19.09	20.40	
		1	13	19.27	19.46	18.83	19.28	19.22	20.40	
		1	24	19.01	19.06	18.80	18.90	19.22	20.40	
		12	0	19.15	19.33	18.90	19.14	19.17	20.40	
	12	6	19.25	19.42	19.09	19.10	19.35	20.40		
	12	13	19.28	19.29	19.00	19.04	19.36	20.40		
	25	0	19.19	19.17	18.98	19.27	19.07	20.40		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39700	40160	40620	41080	41540	
	10MHz	QPSK	1	0	20.04	19.97	19.46	19.64	19.98	20.90
1			25	19.76	19.82	19.41	19.67	19.86	20.90	
1			49	19.56	19.9	19.49	19.59	19.95	20.90	
25			0	20.02	19.81	19.55	19.79	19.89	20.90	
25			13	19.87	19.82	19.56	20.06	19.88	20.90	
25			25	20.05	19.82	19.55	19.88	19.85	20.90	
50			0	19.92	20.09	19.46	20.02	20.06	20.90	
1			0	19.75	19.9	19.48	19.88	19.9	20.90	
1			25	19.89	19.71	19.5	19.73	19.76	20.90	
1			49	19.54	19.79	19.44	19.59	19.83	20.90	
25			0	20.02	20.09	19.63	20.1	19.91	20.90	
25			13	19.92	19.84	19.65	20.12	20.08	20.90	
25		25	19.94	19.93	19.31	19.91	19.94	20.90		
16QAM		50	0	19.88	20	19.46	19.82	19.91	20.90	
		1	0	19.68	19.78	19.77	19.68	20.06	20.90	
		1	25	19.86	20.06	19.50	19.70	20.07	20.90	
		1	49	19.69	19.89	19.49	19.69	19.99	20.90	
		25	0	19.71	19.86	19.73	19.84	20.00	20.90	
		25	13	19.76	19.97	19.67	19.92	19.91	20.90	
		25	25	19.75	19.91	19.61	19.62	19.97	20.90	
		50	0	19.89	19.81	19.55	19.87	19.83	20.90	
		64QAM	1	0	19.68	19.78	19.77	19.68	20.06	20.90
			1	25	19.86	20.06	19.50	19.70	20.07	20.90
			1	49	19.69	19.89	19.49	19.69	19.99	20.90
			25	0	19.71	19.86	19.73	19.84	20.00	20.90
25			13	19.76	19.97	19.67	19.92	19.91	20.90	
25			25	19.75	19.91	19.61	19.62	19.97	20.90	
50			0	19.89	19.81	19.55	19.87	19.83	20.90	
256QAM			1	0	19.16	19.19	18.71	19.16	19.09	20.40
			1	25	19.19	19.46	18.76	19.27	19.31	20.40
			1	49	18.99	19.14	18.77	18.95	19.20	20.40
			25	0	19.24	19.27	18.92	19.08	19.25	20.40
			25	13	19.21	19.36	19.08	19.14	19.29	20.40
		25	25	19.19	19.32	18.99	19.13	19.29	20.40	
50		0	19.15	19.15	19.05	19.31	19.16	20.40		
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
	39725				40173	40620	41068	41515		
15MHz	QPSK	1	0	19.95	19.93	19.54	19.73	19.9	20.90	
		1	38	19.66	19.73	19.34	19.76	19.92	20.90	
		1	74	19.53	19.98	19.51	19.49	19.91	20.90	
		36	0	19.96	19.9	19.53	19.81	19.93	20.90	
		36	18	19.95	19.91	19.63	19.97	19.87	20.90	
		36	39	19.96	19.87	19.56	19.89	19.87	20.90	
		75	0	19.84	20.07	19.55	19.96	20.07	20.90	
		16OAM	1	0	19.71	19.99	19.42	19.86	19.86	20.90
			1	0	19.71	19.99	19.42	19.86	19.86	20.90
		15MHz	QPSK	1	0	19.95	19.93	19.54	19.73	19.9
	1			38	19.66	19.73	19.34	19.76	19.92	20.90
	1			74	19.53	19.98	19.51	19.49	19.91	20.90
36	0			19.96	19.9	19.53	19.81	19.93	20.90	
36	18			19.95	19.91	19.63	19.97	19.87	20.90	
36	39			19.96	19.87	19.56	19.89	19.87	20.90	
75	0			19.84	20.07	19.55	19.96	20.07	20.90	
16OAM	1			0	19.71	19.99	19.42	19.86	19.86	20.90
	1			0	19.71	19.99	19.42	19.86	19.86	20.90
15MHz	QPSK			1	0	19.95	19.93	19.54	19.73	19.9
			1	38	19.66	19.73	19.34	19.76	19.92	20.90

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		1	38	19.79	19.79	19.55	19.68	19.81	20.90
		1	74	19.47	19.87	19.36	19.51	19.82	20.90
		36	0	19.95	20.05	19.65	20	19.99	20.90
		36	18	19.94	19.92	19.65	20.04	20.09	20.90
		36	39	19.89	19.9	19.41	19.87	19.9	20.90
		75	0	19.84	20	19.5	19.87	20	20.90
	64QAM	1	0	19.77	19.87	19.69	19.73	19.98	20.90
		1	38	19.88	20.04	19.56	19.69	20.07	20.90
		1	74	19.71	19.93	19.46	19.72	19.94	20.90
		36	0	19.81	19.85	19.66	19.79	19.91	20.90
		36	18	19.79	20.07	19.72	19.92	19.89	20.90
		36	39	19.70	19.97	19.54	19.69	20.01	20.90
		75	0	19.85	19.86	19.59	19.95	19.93	20.90
	256QAM	1	0	19.07	19.12	18.80	19.19	19.14	20.40
		1	38	19.19	19.36	18.74	19.18	19.21	20.40
		1	74	19.07	19.19	18.85	18.96	19.22	20.40
		36	0	19.23	19.32	18.87	19.15	19.16	20.40
		36	18	19.23	19.28	19.00	19.24	19.37	20.40
		36	39	19.12	19.27	18.96	19.18	19.33	20.40
		75	0	19.17	19.24	18.95	19.22	19.17	20.40
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
	20MHz	QPSK			39750	40185	40620	41055	41490
			1	0	19.88	19.91	19.58	19.83	19.91
			1	50	19.7	19.81	19.39	19.72	19.86
			1	99	19.56	19.88	19.41	19.58	19.91
			50	0	19.86	19.98	19.59	19.81	20.02
			50	25	19.94	19.97	19.63	19.97	19.92
		16QAM	50	50	19.87	19.93	19.53	19.88	19.96
			100	0	19.89	19.97	19.58	19.86	20.02
			1	0	19.8	19.94	19.45	19.77	19.94
			1	50	19.73	19.86	19.49	19.77	19.89
			1	99	19.57	19.83	19.36	19.56	19.84
			50	0	19.89	19.97	19.63	19.94	20.02
		64QAM	50	25	19.97	19.98	19.6	19.95	20.01
			50	50	19.84	19.96	19.5	19.84	19.94
			100	0	19.9	19.98	19.59	19.95	19.99
			1	0	19.71	19.97	19.63	19.69	19.97
			1	50	19.79	20.02	19.49	19.77	19.99
			1	99	19.64	19.94	19.54	19.68	19.95
		256QAM	50	0	19.86	19.94	19.61	19.83	19.97
			50	25	19.89	19.98	19.63	19.94	19.99
			50	50	19.79	19.94	19.47	19.75	19.95
			100	0	19.90	19.92	19.63	19.88	19.95
			1	0	19.12	19.22	18.81	19.15	19.24
			1	50	19.13	19.29	18.67	19.16	19.30
			1	99	19.03	19.16	18.79	19.01	19.20
			50	0	19.18	19.27	18.96	19.17	19.24
			50	25	19.20	19.30	18.93	19.25	19.33
			50	50	19.19	19.25	18.88	19.23	19.27
			100	0	19.19	19.28	18.89	19.18	19.26

LTE Band 42 DSI1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	42115	42590	43065	22.70
		1	13	21.50	21.33	21.55	22.70
		1	24	21.46	21.39	21.91	22.70
		12	0	21.21	21.27	21.33	22.70
		12	6	21.28	21.29	21.62	22.70
		12	6	21.14	21.44	21.62	22.70



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	16QAM	12	13	21.13	21.38	21.57	22.70
		25	0	21.25	21.26	21.41	22.70
		1	0	20.95	20.91	21.19	22.70
		1	13	21.25	21.36	21.41	22.70
		1	24	21.03	21.02	21.32	22.70
		12	0	20.32	20.21	20.57	21.70
		12	6	20.42	20.46	20.45	21.70
		12	13	20.32	20.16	20.49	21.70
		25	0	20.23	20.24	20.63	21.70
	64QAM	1	0	19.79	20.28	20.31	21.70
		1	13	20.16	20.14	20.25	21.70
		1	24	20.28	20.22	20.26	21.70
		12	0	19.34	19.17	19.59	20.70
		12	6	19.18	19.47	19.38	20.70
		12	13	19.20	19.19	19.58	20.70
	256QAM	25	0	19.32	19.48	19.68	20.70
		1	0	17.31	17.18	17.34	18.70
		1	13	17.22	17.27	17.58	18.70
		1	24	16.87	17.38	17.49	18.70
		12	0	17.23	17.16	17.63	18.70
		12	6	17.28	17.46	17.49	18.70
		12	13	17.37	17.19	17.49	18.70
		25	0	17.31	17.46	17.52	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42140	42590	43040	
10MHz	QPSK	1	0	21.44	21.35	21.64	22.70
		1	25	21.42	21.30	21.87	22.70
		1	49	21.28	21.25	21.32	22.70
		25	0	21.21	21.20	21.58	22.70
		25	13	21.23	21.36	21.57	22.70
		25	25	21.23	21.38	21.61	22.70
	16QAM	50	0	21.20	21.32	21.42	22.70
		1	0	20.95	20.91	21.25	22.70
		1	25	21.17	21.27	21.36	22.70
		1	49	21.12	21.07	21.33	22.70
		25	0	20.29	20.28	20.60	21.70
		25	13	20.33	20.48	20.51	21.70
	64QAM	25	25	20.25	20.24	20.46	21.70
		50	0	20.23	20.23	20.60	21.70
		1	0	19.85	20.21	20.37	21.70
		1	25	20.10	20.11	20.32	21.70
		1	49	20.19	20.16	20.33	21.70
		25	0	19.30	19.17	19.50	20.70
	256QAM	25	13	19.23	19.39	19.48	20.70
		25	25	19.29	19.17	19.60	20.70
		50	0	19.35	19.44	19.58	20.70
		1	0	17.27	17.12	17.36	18.70
		1	25	17.19	17.23	17.48	18.70
		1	49	16.97	17.42	17.57	18.70
		25	0	17.23	17.23	17.69	18.70
		25	13	17.24	17.44	17.50	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42165	42590	43015	
15MHz	QPSK	1	0	21.48	21.30	21.54	22.70
		1	38	21.37	21.38	21.77	22.70
		1	74	21.30	21.26	21.40	22.70
		36	0	21.27	21.26	21.48	22.70
		36	18	21.27	21.40	21.57	22.70
		36	39	21.16	21.30	21.56	22.70



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