

Appendix E

Conducted RF Output Power

DSI	Trigger Conditions	Antenna No.
DSI 1	Receiver on Standalone	All WWAN Ant
DSI 3	Body worn&Product specific 0mm Standalone	All WWAN Ant
DSI 5	Receiver on Simultaneous transmission	All WWAN Ant
DSI 6	Body worn&Product specific 0mm Simultaneous transmission	All WWAN Ant
DSI 7	Hotspot	All WWAN Ant
State	Trigger Conditions	Antenna No.
State 1	Receiver on Simultaneous transmission	All WLAN Ant
State 3	Receiver on Standalone	All WLAN Ant
State 5	Hotspot Simultaneous transmission	All WLAN Ant
State 6	Hotspot Standalone	All WLAN Ant
State 7	Body worn&Product specific 0mm Simultaneous transmission	All WLAN Ant
State 9	Body worn&Product specific 0mm Standalone	All WLAN Ant



1 Conducted Power of Legacy

1.1 Conducted Power of Legacy (Ant0)

GSM 1900 DSI 1/3/5/6										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.84	29.86	29.89	30.50	-9.19	20.65	20.67	20.70	21.31
GPRS (GMSK)	1 TX Slot	29.78	29.89	29.84	30.50	-9.19	20.59	20.70	20.65	21.31
	2 TX Slots	26.60	26.60	26.63	27.50	-6.18	20.42	20.42	20.45	21.32
	3 TX Slots	25.15	25.21	25.39	25.70	-4.42	20.73	20.79	20.97	21.28
	4 TX Slots	24.20	23.86	24.09	24.50	-3.17	21.03	20.69	20.92	21.33
EGPRS (GMSK)	1 TX Slot	29.71	29.89	29.82	30.50	-9.19	20.52	20.70	20.63	21.31
	2 TX Slots	26.70	26.59	26.66	27.50	-6.18	20.52	20.41	20.48	21.32
	3 TX Slots	25.19	25.28	25.45	25.70	-4.42	20.77	20.86	21.03	21.28
	4 TX Slots	24.20	23.84	24.13	24.50	-3.17	21.03	20.67	20.96	21.33
EGPRS (8PSK)	1 TX Slot	25.23	25.26	25.09	26.50	-9.19	16.04	16.07	15.90	17.31
	2 TX Slots	23.26	23.27	23.06	23.50	-6.18	17.08	17.09	16.88	17.32
	3 TX Slots	20.60	21.04	20.50	21.70	-4.42	16.18	16.62	16.08	17.28
	4 TX Slots	19.76	19.77	19.68	20.50	-3.17	16.59	16.60	16.51	17.33

GSM 1900 DSI 7										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	25.87	26.16	26.24	26.50	-9.19	16.68	16.97	17.05	17.31
GPRS (GMSK)	1 TX Slot	25.92	26.09	26.19	26.50	-9.19	16.73	16.90	17.00	17.31
	2 TX Slots	22.82	23.13	23.28	23.50	-6.18	16.64	16.95	17.10	17.32
	3 TX Slots	21.80	21.84	21.99	22.20	-4.42	17.38	17.42	17.57	17.78
	4 TX Slots	20.47	20.52	20.51	20.80	-3.17	17.30	17.35	17.34	17.63
EGPRS (GMSK)	1 TX Slot	26.01	26.07	26.12	26.50	-9.19	16.82	16.88	16.93	17.31
	2 TX Slots	22.81	23.19	23.36	23.50	-6.18	16.63	17.01	17.18	17.32
	3 TX Slots	21.82	21.88	22.03	22.20	-4.42	17.40	17.46	17.61	17.78
	4 TX Slots	20.47	20.47	20.55	20.80	-3.17	17.30	17.30	17.38	17.63
EGPRS (8PSK)	1 TX Slot	24.23	24.33	24.15	24.50	-9.19	15.04	15.14	14.96	15.31
	2 TX Slots	20.35	20.51	20.42	21.50	-6.18	14.17	14.33	14.24	15.32
	3 TX Slots	17.72	17.80	17.88	19.70	-4.42	13.30	13.38	13.46	15.28
	4 TX Slots	17.11	17.20	17.05	18.50	-3.17	13.94	14.03	13.88	15.33

WCDMA Band II DSI 1/3					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.85	20.97	20.95	21.60
	12.2kbps AMR	20.77	21.02	20.87	21.60
HSDPA	Subtest 1	19.80	19.86	19.85	20.60
	Subtest 2	19.89	19.94	20.03	20.60
	Subtest 3	19.38	19.43	19.51	20.10
	Subtest 4	19.39	19.53	19.52	20.10
HSUPA	Subtest 1	19.92	19.96	20.08	20.60
	Subtest 2	17.93	18.07	18.03	18.60
	Subtest 3	19.00	19.05	19.10	19.60
	Subtest 4	17.90	18.07	18.11	18.60
	Subtest 5	19.91	19.95	19.98	20.60
DC-HSDPA	Subtest 1	19.76	19.84	19.94	20.60
	Subtest 2	19.86	19.87	20.04	20.60
	Subtest 3	19.29	19.50	19.43	20.10
	Subtest 4	19.33	19.58	19.46	20.10





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WCDMA Band II DSI5/6/7					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.25	20.45	20.44	21.10
	12.2kbps AMR	20.31	20.38	20.53	21.10
HSDPA	Subtest 1	19.39	19.43	19.41	20.10
	Subtest 2	19.37	19.51	19.50	20.10
	Subtest 3	18.86	19.00	18.98	19.60
	Subtest 4	18.98	19.00	18.98	19.60
HSUPA	Subtest 1	19.40	18.46	19.49	20.10
	Subtest 2	17.41	17.47	17.52	18.10
	Subtest 3	18.37	18.06	18.60	19.10
	Subtest 4	17.38	17.52	17.60	18.10
DC-HSDPA	Subtest 5	19.40	19.41	19.45	20.10
	Subtest 1	19.46	19.34	19.42	20.10
	Subtest 2	19.39	19.48	19.41	20.10
	Subtest 3	18.85	19.08	19.02	19.60
	Subtest 4	19.07	19.03	18.90	19.60

WCDMA Band IV DSI 1/3					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.63	21.72	21.78	22.30
	12.2kbps AMR	21.61	21.8	21.72	22.30
HSDPA	Subtest 1	20.59	20.72	20.84	21.30
	Subtest 2	20.66	20.84	20.95	21.30
	Subtest 3	20.11	20.21	20.26	20.80
	Subtest 4	20.11	20.33	20.44	20.80
HSUPA	Subtest 1	20.74	19.74	20.84	21.30
	Subtest 2	18.62	18.76	18.91	19.30
	Subtest 3	19.74	19.75	19.89	20.30
	Subtest 4	18.68	18.74	18.87	19.30
DC-HSDPA	Subtest 5	20.60	20.70	20.78	21.30
	Subtest 1	20.49	20.62	20.92	21.30
	Subtest 2	20.72	20.77	20.95	21.30
	Subtest 3	20.13	20.20	20.30	20.80
	Subtest 4	20.17	20.37	20.44	20.80

WCDMA Band IV DSI 5/6/7					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.06	21.17	21.25	21.80
	12.2kbps AMR	21.11	21.13	21.26	21.80
HSDPA	Subtest 1	20.01	20.23	20.25	20.80
	Subtest 2	20.10	20.22	20.36	20.80
	Subtest 3	19.65	19.82	19.83	20.30
	Subtest 4	19.64	19.78	19.84	20.30
HSUPA	Subtest 1	19.52	20.18	20.26	20.80
	Subtest 2	18.19	18.19	18.34	18.80
	Subtest 3	19.04	19.30	19.31	19.80
	Subtest 4	17.96	18.27	18.33	18.80
DC-HSDPA	Subtest 5	20.03	20.16	20.24	20.80
	Subtest 1	20.08	20.21	20.31	20.80
	Subtest 2	20.19	20.29	20.30	20.80
	Subtest 3	19.69	19.85	19.77	20.30
	Subtest 4	19.64	19.71	19.92	20.30



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LTE Band 2 DSI 1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	21.03	20.93	20.53	21.60
		1	2	21.34	21.26	21.20	21.60
		1	5	20.82	20.85	20.94	21.60
		3	0	21.14	20.83	20.61	21.60
		3	2	20.55	21.07	20.96	21.60
		3	3	20.95	20.85	20.77	21.60
		6	0	20.85	20.79	21.25	21.60
	16QAM	1	0	19.80	20.37	19.91	21.60
		1	2	20.73	20.80	20.41	21.60
		1	5	20.55	20.07	20.19	21.60
		3	0	20.36	20.91	20.74	21.60
		3	2	20.73	20.93	21.15	21.60
		3	3	20.68	20.98	21.04	21.60
		6	0	20.98	20.89	20.69	21.60
	64QAM	1	0	20.45	20.38	20.26	21.60
		1	2	20.73	21.39	21.19	21.60
		1	5	20.39	20.89	20.51	21.60
		3	0	20.69	21.00	20.72	21.60
		3	2	20.84	20.92	20.95	21.60
		3	3	20.91	20.86	20.81	21.60
		6	0	20.51	20.66	20.81	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	18615	18900	19185	21.60
		1	7	21.07	20.83	20.63	21.60
		1	14	21.38	21.25	21.21	21.60
		8	0	20.81	20.84	20.98	21.60
		8	4	21.14	20.90	20.71	21.60
		8	7	20.61	20.99	20.87	21.60
		15	0	20.92	20.82	20.82	21.60
	16QAM	1	0	20.84	20.87	21.18	21.60
		1	7	19.89	20.39	19.96	21.60
		1	14	20.64	20.83	20.46	21.60
		8	0	20.50	20.16	20.24	21.60
		8	4	20.32	20.87	20.81	21.60
		8	7	20.83	20.94	21.21	21.60
		15	0	20.64	21.02	21.02	21.60
	64QAM	1	0	20.94	20.90	20.68	21.60
		1	7	20.48	20.42	20.33	21.60
		1	14	20.74	21.43	21.26	21.60
		8	0	20.32	20.92	20.52	21.60
		8	4	20.79	20.99	20.65	21.60
		8	7	20.77	20.93	20.85	21.60
		15	0	20.82	20.93	20.91	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	18625	18900	19175	21.60
		1	13	21.10	20.81	20.73	21.60
		1	24	21.34	21.30	21.18	21.60
		12	0	20.82	20.74	21.07	21.60
		12	6	21.08	20.85	20.70	21.60
		12	13	20.64	20.97	20.88	21.60
		25	0	20.82	20.89	20.88	21.60
	16QAM	1	0	20.92	20.89	21.08	21.60
		1	0	19.99	20.38	19.96	21.60
		1	13	20.67	20.73	20.54	21.60



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		1	24	20.49	20.10	20.28	21.60	
		12	0	20.42	20.91	20.81	21.60	
		12	6	20.81	20.93	21.12	21.60	
		12	13	20.59	21.08	20.95	21.60	
		25	0	20.91	20.89	20.65	21.60	
	64QAM	1	0	20.39	20.34	20.36	21.60	
		1	13	20.77	21.47	21.31	21.60	
		1	24	20.32	20.84	20.52	21.60	
		12	0	20.74	20.89	20.64	21.60	
		12	6	20.67	21.00	20.85	21.60	
12		13	20.79	20.83	20.85	21.60		
	25	0	20.61	20.86	20.78	21.60		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18650	18900	19150		
10MHz	QPSK	1	0	21.03	20.74	20.70	21.60	
		1	25	21.34	21.30	21.28	21.60	
		1	49	20.77	20.77	20.98	21.60	
		25	0	21.03	20.93	20.75	21.60	
		25	13	20.71	20.90	20.84	21.60	
		25	25	20.75	20.88	20.87	21.60	
	16QAM	50	0	20.86	20.96	21.02	21.60	
		1	0	20.07	20.38	19.96	21.60	
		1	25	20.75	20.76	20.61	21.60	
		1	49	20.49	20.17	20.33	21.60	
		25	0	20.51	21.01	20.79	21.60	
		25	13	20.81	20.84	21.09	21.60	
	64QAM	25	25	20.53	21.01	20.89	21.60	
		50	0	20.83	20.86	20.71	21.60	
		1	0	20.45	20.35	20.32	21.60	
		1	25	20.87	21.46	21.23	21.60	
		1	49	20.41	20.75	20.58	21.60	
		25	0	20.82	20.80	20.71	21.60	
		25	13	20.63	20.95	20.78	21.60	
		25	25	20.84	20.89	20.90	21.60	
50		0	20.69	20.90	20.85	21.60		
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18675	18900	19125	
15MHz		QPSK	1	0	21.06	20.80	20.66	21.60
			1	38	21.29	21.26	21.20	21.60
			1	74	20.76	20.71	20.96	21.60
	36		0	20.95	20.89	20.81	21.60	
	36		18	20.81	21.00	20.82	21.60	
	36		39	20.76	20.91	20.86	21.60	
	16QAM	75	0	20.91	20.95	20.92	21.60	
		1	0	20.17	20.35	20.04	21.60	
		1	38	20.82	20.72	20.71	21.60	
		1	74	20.53	20.19	20.36	21.60	
		36	0	20.41	20.99	20.78	21.60	
		36	18	20.77	20.90	21.04	21.60	
	64QAM	36	39	20.63	20.91	20.81	21.60	
		75	0	20.78	20.86	20.75	21.60	
		1	0	20.42	20.26	20.42	21.60	
		1	38	20.93	21.48	21.22	21.60	
		1	74	20.49	20.68	20.66	21.60	
		36	0	20.77	20.87	20.69	21.60	
		36	18	20.70	21.01	20.83	21.60	
		36	39	20.78	20.90	20.91	21.60	
75		0	20.72	20.91	20.84	21.60		
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	18700				18900	19100		
20MHz	QPSK	1	0	20.98	21.20	20.70	21.60	

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		1	50	21.12	21.14	21.16	21.60
		1	99	20.82	20.75	20.92	21.60
		50	0	20.86	20.97	20.85	21.60
		50	25	20.78	20.92	20.82	21.60
		50	50	20.79	20.84	20.82	21.60
		100	0	20.81	20.87	20.82	21.60
	16QAM	1	0	20.21	20.29	20.05	21.60
		1	50	20.83	20.71	20.64	21.60
		1	99	20.43	20.26	20.43	21.60
		50	0	20.39	20.94	20.77	21.60
		50	25	20.87	20.99	20.94	21.60
		50	50	20.59	20.97	20.81	21.60
	64QAM	100	0	20.77	20.87	20.73	21.60
		1	0	20.32	20.35	20.41	21.60
		1	50	20.90	21.38	21.26	21.60
		1	99	20.45	20.59	20.73	21.60
		50	0	20.74	20.88	20.74	21.60
		50	25	20.77	20.95	20.80	21.60
		50	50	20.69	20.80	20.90	21.60
		100	0	20.79	20.85	20.79	21.60

LTE Band 2 DSI 5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.03	20.25	20.50	21.10
		1	2	20.29	20.91	20.93	21.10
		1	5	19.78	20.17	20.53	21.10
		3	0	20.32	20.40	20.30	21.10
		3	2	20.35	20.44	20.43	21.10
		3	3	20.34	20.26	20.22	21.10
		6	0	20.08	20.28	20.51	21.10
	16QAM	1	0	20.07	19.65	19.98	21.10
		1	2	20.28	20.36	20.20	21.10
		1	5	19.93	19.74	19.91	21.10
		3	0	20.13	20.12	20.52	21.10
		3	2	20.54	20.60	20.21	21.10
		3	3	19.87	20.35	20.38	21.10
		6	0	20.20	20.30	20.24	21.10
	64QAM	1	0	19.28	19.52	19.41	21.10
		1	2	20.13	20.15	20.14	21.10
		1	5	19.53	19.50	19.76	21.10
		3	0	20.25	20.39	20.27	21.10
		3	2	20.45	20.47	20.22	21.10
		3	3	20.16	20.35	20.62	21.10
		6	0	19.96	20.55	20.42	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	20.18	20.24	20.15	21.10
		1	7	20.40	20.81	21.02	21.10
		1	14	20.05	20.36	20.46	21.10
		8	0	20.23	20.06	20.41	21.10
		8	4	20.18	20.56	20.51	21.10
		8	7	20.32	20.14	20.25	21.10
		15	0	20.27	20.37	20.50	21.10
	16QAM	1	0	19.99	19.67	19.81	21.10
		1	7	20.13	20.56	20.38	21.10
		1	14	19.61	19.88	19.72	21.10
		8	0	20.25	20.16	20.43	21.10
		8	4	20.51	20.28	20.17	21.10



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	64QAM	8	7	20.25	20.32	20.42	21.10
		15	0	20.15	20.50	20.36	21.10
		1	0	19.52	19.62	19.60	21.10
		1	7	19.92	20.49	20.29	21.10
		1	14	19.49	19.51	19.59	21.10
		8	0	20.34	20.35	20.33	21.10
		8	4	20.25	20.50	20.58	21.10
		8	7	20.21	20.32	20.48	21.10
		15	0	20.09	20.70	20.43	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	20.09	20.23	20.15	21.10
		1	13	20.31	20.79	20.94	21.10
		1	24	20.04	20.30	20.37	21.10
		12	0	20.28	20.15	20.37	21.10
		12	6	20.21	20.54	20.43	21.10
		12	13	20.23	20.09	20.16	21.10
		25	0	20.23	20.34	20.41	21.10
	16QAM	1	0	20.01	19.71	19.83	21.10
		1	13	20.07	20.49	20.29	21.10
		1	24	19.65	19.80	19.75	21.10
		12	0	20.27	20.17	20.36	21.10
		12	6	20.43	20.37	20.23	21.10
		12	13	20.29	20.24	20.38	21.10
		25	0	20.07	20.40	20.40	21.10
	64QAM	1	0	19.53	19.68	19.57	21.10
		1	13	19.85	20.45	20.28	21.10
		1	24	19.46	19.41	19.64	21.10
		12	0	20.24	20.32	20.28	21.10
		12	6	20.31	20.59	20.56	21.10
		12	13	20.11	20.36	20.50	21.10
		25	0	20.06	20.62	20.34	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	20.05	20.17	20.24	21.10
		1	25	20.35	20.79	20.96	21.10
		1	49	19.96	20.29	20.37	21.10
		25	0	20.24	20.22	20.28	21.10
		25	13	20.30	20.48	20.36	21.10
		25	25	20.19	20.15	20.11	21.10
		50	0	20.13	20.35	20.47	21.10
	16QAM	1	0	20.06	19.79	19.86	21.10
		1	25	20.05	20.39	20.39	21.10
		1	49	19.75	19.86	19.79	21.10
		25	0	20.30	20.23	20.34	21.10
		25	13	20.42	20.46	20.16	21.10
		25	25	20.24	20.18	20.42	21.10
		50	0	20.00	20.32	20.32	21.10
	64QAM	1	0	19.62	19.66	19.54	21.10
		1	25	19.94	20.44	20.26	21.10
		1	49	19.46	19.41	19.64	21.10
		25	0	20.14	20.36	20.36	21.10
		25	13	20.36	20.65	20.46	21.10
		25	25	20.08	20.32	20.44	21.10
		50	0	20.05	20.62	20.35	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	20.10	20.15	20.21	21.10
		1	38	20.32	20.88	20.96	21.10
		1	74	20.03	20.34	20.38	21.10
		36	0	20.25	20.21	20.24	21.10



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		36	18	20.29	20.44	20.27	21.10
		36	39	20.19	20.18	20.21	21.10
		75	0	20.23	20.27	20.37	21.10
	16QAM	1	0	20.02	19.69	19.95	21.10
		1	38	20.06	20.38	20.36	21.10
		1	74	19.68	19.77	19.87	21.10
		36	0	20.28	20.20	20.24	21.10
		36	18	20.38	20.41	20.26	21.10
		36	39	20.18	20.22	20.46	21.10
		75	0	20.06	20.32	20.32	21.10
	64QAM	1	0	19.68	19.64	19.56	21.10
		1	38	19.94	20.39	20.32	21.10
		1	74	19.53	19.46	19.71	21.10
		36	0	20.19	20.32	20.30	21.10
		36	18	20.36	20.72	20.40	21.10
		36	39	20.11	20.37	20.34	21.10
		75	0	20.11	20.54	20.42	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.32	20.55	20.27	21.10
		1	50	20.39	20.53	20.52	21.10
		1	99	20.09	20.25	20.31	21.10
		50	0	20.31	20.44	20.31	21.10
		50	25	20.30	20.20	20.36	21.10
		50	50	20.20	20.28	20.24	21.10
		100	0	20.26	20.20	20.39	21.10
	16QAM	1	0	19.94	19.67	19.97	21.10
		1	50	20.15	20.44	20.36	21.10
		1	99	19.77	19.78	19.91	21.10
		50	0	20.21	20.24	20.27	21.10
		50	25	20.44	20.40	20.36	21.10
		50	50	20.11	20.30	20.45	21.10
		100	0	20.16	20.29	20.36	21.10
	64QAM	1	0	19.58	19.59	19.59	21.10
		1	50	20.03	20.31	20.24	21.10
		1	99	19.62	19.53	19.80	21.10
		50	0	20.25	20.37	20.40	21.10
		50	25	20.41	20.64	20.45	21.10
		50	50	20.21	20.38	20.41	21.10
		100	0	20.13	20.48	20.33	21.10

LTE Band 4 DSI 1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.59	21.52	21.56	22.50
		1	2	22.16	22.18	22.17	22.50
		1	5	21.51	21.61	21.54	22.50
		3	0	21.54	21.57	21.57	22.50
		3	2	21.52	21.58	21.55	22.50
		3	3	21.59	21.58	21.51	22.50
	16QAM	6	0	21.47	21.48	21.49	22.50
		1	0	21.28	21.27	21.36	22.50
		1	2	21.57	21.50	21.53	22.50
		1	5	20.91	20.92	20.97	22.50
		3	0	21.86	21.93	21.83	22.50
		3	2	21.65	21.63	21.54	22.50
		3	3	21.29	21.32	21.38	22.50
		6	0	21.43	21.46	21.37	22.50
	64QAM	1	0	21.24	21.24	21.18	22.50



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		1	2	22.18	22.11	22.15	22.50
		1	5	21.58	21.55	21.58	22.50
		3	0	21.41	21.48	21.49	22.50
		3	2	21.64	21.64	21.64	22.50
		3	3	21.37	21.40	21.33	22.50
		6	0	20.90	20.93	20.97	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	21.45	21.54	21.49	22.50
		1	7	22.23	22.21	22.30	22.50
		1	14	21.72	21.67	21.69	22.50
		8	0	21.52	21.53	21.54	22.50
		8	4	21.55	21.58	21.54	22.50
		8	7	21.66	21.62	21.71	22.50
	16QAM	15	0	21.48	21.44	21.40	22.50
		1	0	21.29	21.36	21.27	22.50
		1	7	21.44	21.44	21.35	22.50
		1	14	20.94	20.98	20.97	22.50
		8	0	21.96	21.92	21.99	22.50
		8	4	21.58	21.64	21.69	22.50
	64QAM	8	7	21.38	21.35	21.39	22.50
		15	0	21.42	21.48	21.47	22.50
		1	0	21.40	21.33	21.39	22.50
		1	7	22.04	22.11	22.18	22.50
		1	14	21.52	21.46	21.50	22.50
		8	0	20.84	20.81	20.84	21.80
5MHz	QPSK	8	4	20.97	20.99	21.09	21.80
		8	7	20.71	20.67	20.66	21.80
		15	0	20.80	20.88	20.79	21.80
	16QAM	1	0	21.52	21.58	21.65	22.50
		1	13	22.30	22.30	22.33	22.50
		1	24	21.73	21.66	21.59	22.50
	64QAM	12	0	21.52	21.61	21.64	22.50
		12	6	21.65	21.63	21.73	22.50
		12	13	21.54	21.56	21.55	22.50
	16QAM	25	0	21.32	21.38	21.41	22.50
		1	0	21.30	21.34	21.40	22.50
		1	13	21.62	21.54	21.63	22.50
		1	24	20.99	21.02	21.10	22.50
	64QAM	12	0	21.85	21.86	21.82	22.50
		12	6	21.58	21.59	21.52	22.50
		12	13	21.42	21.38	21.43	22.50
10MHz	QPSK	25	0	21.45	21.42	21.35	22.50
		1	0	21.43	21.40	21.41	22.50
		1	13	22.15	22.10	22.07	22.50
		1	24	21.37	21.46	21.50	22.50
		12	0	20.72	20.77	20.67	21.80
		12	6	20.88	20.90	20.80	21.80
	16QAM	12	13	20.69	20.71	20.77	21.80
		25	0	20.81	20.84	20.86	21.80
	64QAM	1	0	21.71	21.64	21.65	22.50
		1	25	22.34	22.30	22.31	22.50
		1	49	21.50	21.59	21.53	22.50
		25	0	21.64	21.60	21.62	22.50
	QPSK	25	13	21.69	21.64	21.57	22.50
		25	25	21.68	21.59	21.68	22.50
		50	0	21.34	21.36	21.46	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up



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	16QAM	1	0	21.25	21.33	21.32	22.50
		1	25	21.64	21.58	21.49	22.50
		1	49	21.07	21.01	20.91	22.50
		25	0	21.77	21.76	21.71	22.50
		25	13	21.51	21.60	21.50	22.50
		25	25	21.42	21.41	21.34	22.50
		50	0	21.51	21.48	21.57	22.50
	64QAM	1	0	21.42	21.46	21.46	22.50
		1	25	22.22	22.20	22.13	22.50
		1	49	21.35	21.40	21.30	22.50
		25	0	20.65	20.67	20.57	21.80
		25	13	20.92	21.00	21.05	21.80
		25	25	20.90	20.81	20.81	21.80
		50	0	20.90	20.81	20.87	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	21.61	21.64	21.73	22.50
		1	38	22.21	22.27	22.32	22.50
		1	74	21.59	21.51	21.51	22.50
		36	0	21.72	21.63	21.54	22.50
		36	18	21.67	21.64	21.68	22.50
		36	39	21.51	21.51	21.61	22.50
		75	0	21.35	21.43	21.39	22.50
	16QAM	1	0	21.40	21.40	21.41	22.50
		1	38	21.59	21.65	21.60	22.50
		1	74	21.15	21.09	20.99	22.50
		36	0	21.81	21.71	21.67	22.50
		36	18	21.64	21.54	21.57	22.50
		36	39	21.36	21.43	21.37	22.50
		75	0	21.42	21.52	21.54	22.50
	64QAM	1	0	21.39	21.45	21.42	22.50
		1	38	22.22	22.21	22.16	22.50
		1	74	21.48	21.38	21.40	22.50
		36	0	20.76	20.77	20.70	21.80
		36	18	21.14	21.05	21.06	21.80
		36	39	20.84	20.86	20.89	21.80
		75	0	20.70	20.76	20.79	21.80
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 20175	Channel /	Tune up
20MHz	QPSK	1	0	/	21.64	/	22.50
		1	50	/	22.17	/	22.50
		1	99	/	21.42	/	22.50
		50	0	/	21.63	/	22.50
		50	25	/	21.62	/	22.50
		50	50	/	21.52	/	22.50
		100	0	/	21.33	/	22.50
	16QAM	1	0	/	21.34	/	22.50
		1	50	/	21.57	/	22.50
		1	99	/	21.14	/	22.50
		50	0	/	21.66	/	22.50
		50	25	/	21.64	/	22.50
		50	50	/	21.40	/	22.50
		100	0	/	21.55	/	22.50
	64QAM	1	0	/	21.38	/	22.50
		1	50	/	22.12	/	22.50
		1	99	/	21.45	/	22.50
		50	0	/	20.85	/	21.80
		50	25	/	21.01	/	21.80
		50	50	/	20.91	/	21.80
		100	0	/	20.80	/	21.80



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 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



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LTE Band 4 DSI 5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.40	21.35	21.41	22.00
		1	2	21.70	21.61	21.70	22.00
		1	5	21.26	21.17	21.22	22.00
		3	0	20.94	20.98	21.03	22.00
		3	2	20.87	20.93	20.83	22.00
		3	3	21.22	21.13	21.16	22.00
		6	0	21.20	21.20	21.14	22.00
	16QAM	1	0	20.72	20.78	20.69	22.00
		1	2	20.73	20.75	20.72	22.00
		1	5	20.72	20.67	20.61	22.00
		3	0	21.02	21.07	21.00	22.00
		3	2	21.12	21.11	21.13	22.00
		3	3	21.23	21.23	21.13	22.00
		6	0	20.99	21.01	20.98	22.00
	64QAM	1	0	20.44	20.40	20.32	22.00
		1	2	20.75	20.82	20.91	22.00
		1	5	20.56	20.56	20.46	22.00
		3	0	21.33	21.36	21.44	22.00
		3	2	21.38	21.42	21.37	22.00
		3	3	21.25	21.18	21.08	22.00
		6	0	20.98	20.95	20.93	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	21.42	21.33	21.27	22.00
		1	7	21.61	21.58	21.62	22.00
		1	14	21.08	21.12	21.12	22.00
		8	0	20.87	20.93	20.97	22.00
		8	4	20.92	20.85	20.91	22.00
		8	7	21.11	21.10	21.18	22.00
		15	0	21.03	21.12	21.02	22.00
	16QAM	1	0	20.75	20.83	20.79	22.00
		1	7	20.75	20.72	20.75	22.00
		1	14	20.74	20.71	20.67	22.00
		8	0	21.09	21.04	20.96	22.00
		8	4	21.23	21.19	21.25	22.00
		8	7	21.18	21.15	21.20	22.00
		15	0	20.98	20.99	20.96	22.00
	64QAM	1	0	20.32	20.38	20.47	22.00
		1	7	20.82	20.87	20.86	22.00
		1	14	20.48	20.46	20.45	22.00
		8	0	21.17	21.23	21.22	21.80
		8	4	21.23	21.24	21.16	21.80
		8	7	20.97	21.02	21.06	21.80
		15	0	20.94	20.88	20.78	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	21.45	21.38	21.30	22.00
		1	13	21.54	21.55	21.57	22.00
		1	24	21.17	21.09	21.00	22.00
		12	0	20.92	21.00	21.06	22.00
		12	6	20.87	20.95	20.90	22.00
		12	13	21.05	21.05	20.96	22.00
		25	0	21.06	21.05	21.10	22.00
	16QAM	1	0	20.83	20.80	20.86	22.00
		1	13	20.75	20.67	20.65	22.00



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		1	24	20.73	20.72	20.63	22.00
		12	0	20.97	21.01	20.93	22.00
		12	6	21.22	21.23	21.13	22.00
		12	13	21.24	21.14	21.23	22.00
		25	0	21.02	20.96	20.96	22.00
	64QAM	1	0	20.34	20.36	20.38	22.00
		1	13	20.90	20.92	20.88	22.00
		1	24	20.33	20.38	20.46	22.00
		12	0	21.37	21.30	21.24	21.80
		12	6	21.22	21.19	21.23	21.80
		12	13	21.04	20.98	20.92	21.80
		25	0	20.96	20.89	20.85	21.80
	64QAM	1	0	21.33	21.29	21.34	22.00
		1	25	21.55	21.61	21.67	22.00
		1	49	21.21	21.11	21.16	22.00
	QPSK	25	0	21.16	21.07	21.12	22.00
		25	13	21.10	21.04	20.99	22.00
		25	25	20.87	20.95	20.85	22.00
		50	0	21.05	21.03	21.09	22.00
		1	0	20.68	20.73	20.78	22.00
	16QAM	1	25	20.68	20.62	20.72	22.00
		1	49	20.73	20.63	20.73	22.00
		25	0	20.87	20.91	20.85	22.00
		25	13	21.03	21.13	21.19	22.00
		25	25	21.09	21.06	21.14	22.00
	64QAM	50	0	21.05	21.01	21.04	22.00
		1	0	20.36	20.32	20.41	22.00
		1	25	20.92	20.90	20.94	22.00
		1	49	20.39	20.37	20.47	22.00
		25	0	21.24	21.23	21.33	21.80
		25	13	21.13	21.16	21.13	21.80
		25	25	21.06	21.05	21.09	21.80
		50	0	20.90	20.81	20.78	21.80
	64QAM	1	0	21.22	21.19	21.11	22.00
		1	38	21.66	21.57	21.56	22.00
	QPSK	1	74	20.97	21.07	21.10	22.00
		36	0	21.12	21.09	21.09	22.00
		36	18	20.97	20.99	21.07	22.00
		36	39	20.92	21.00	20.93	22.00
		75	0	21.04	20.97	20.94	22.00
	16QAM	1	0	20.58	20.63	20.69	22.00
		1	38	20.51	20.55	20.48	22.00
		1	74	20.62	20.72	20.63	22.00
		36	0	21.05	21.01	21.10	22.00
		36	18	21.07	21.06	21.00	22.00
	64QAM	36	39	20.86	20.96	21.02	22.00
		75	0	21.10	21.03	21.00	22.00
		1	0	20.35	20.26	20.32	22.00
		1	38	20.90	21.00	20.90	22.00
		1	74	20.53	20.47	20.37	22.00
		36	0	21.30	21.23	21.15	21.80
		36	18	21.16	21.26	21.23	21.80
		36	39	20.98	21.05	21.09	21.80
		75	0	20.89	20.89	20.89	21.80
		1	0	20.35	20.26	20.32	22.00
	16QAM	1	38	20.90	21.00	20.90	22.00
		1	74	20.53	20.47	20.37	22.00
		36	0	21.30	21.23	21.15	21.80
		36	18	21.16	21.26	21.23	21.80
		36	39	20.98	21.05	21.09	21.80
	64QAM	75	0	20.89	20.89	20.89	21.80
		1	0	20.35	20.26	20.32	22.00
		1	38	20.90	21.00	20.90	22.00
		1	74	20.53	20.47	20.37	22.00
		36	0	21.30	21.23	21.15	21.80
		36	18	21.16	21.26	21.23	21.80
		36	39	20.98	21.05	21.09	21.80
		75	0	20.89	20.89	20.89	21.80
		1	0	20.35	20.26	20.32	22.00
		1	38	20.90	21.00	20.90	22.00
	16QAM	1	74	20.53	20.47	20.37	22.00
		36	0	21.30	21.23	21.15	21.80
		36	18	21.16	21.26	21.23	21.80
		36	39	20.98	21.05	21.09	21.80
		75	0	20.89	20.89	20.89	21.80
	64QAM	1	0	20.35	20.26	20.32	22.00
		1	38	20.90	21.00	20.90	22.00
		1	74	20.53	20.47	20.37	22.00
		36	0	21.30	21.23	21.15	21.80
		36	18	21.16	21.26	21.23	21.80
		36	39	20.98	21.05	21.09	21.80
		75	0	20.89	20.89	20.89	21.80
		1	0	20.35	20.26	20.32	22.00
		1	38	20.90	21.00	20.90	22.00
		1	74	20.53	20.47	20.37	22.00
	16QAM	36	0	21.30	21.23	21.15	21.80
		36	18	21.16	21.26	21.23	21.80
		36	39	20.98	21.05	21.09	21.80
		75	0	20.89	20.89	20.89	21.80
		1	0	20.35	20.26	20.32	22.00
	64QAM	1	38	20.90	21.00	20.90	22.00
		1	74	20.53	20.47	20.37	22.00
		36	0	21.30	21.23	21.15	21.80
		36	18	21.16	21.26	21.23	21.80
		36	39	20.98	21.05	21.09	21.80
		75	0	20.89	20.89	20.89	21.80
		1	0	20.35	20.26	20.32	22.00
		1	38	20.90	21.00	20.90	22.00
		1	74	20.53	20.47	20.37	22.00
		36	0	21.30	21.23	21.15	21.80
	16QAM	36	18	21.16	21.26	21.23	21.80
		36	39	20.98	21.05	21.09	21.80
		75	0	20.89	20.89	20.89	21.80
		1	0	20.35	20.26	20.32	22.00
		1	38	20.90	21.00	20.90	22.00
	64QAM	1	74	20.53	20.47	20.37	22.00
		36	0	21.30	21.23	21.15	21.80
		36	18	21.16	21.26	21.23	21.80
		36	39	20.98	21.05	21.09	21.80
		75	0	20.89	20.89	20.89	21.80
		1	0	20.35	20.26	20.32	22.00
		1	38	20.90	21.00	20.90	22.00
		1	74	20.53	20.47	20.37	22.00
		36	0	21.30	21.23	21.15	21.80
		36	18	21.16	21.26	21.23	21.80
	16QAM	36	39	20.98	21.05	21.09	21.80
		75	0	20.89	20.89	20.89	21.80
		1	0	20.35	20.26	20.32	22.00
		1	38	20.90	21.00	20.90	22.00
		1	74	20.53	20.47	20.37	22.00
	64QAM	36	0	21.30	21.23	21.15	21.80
		36	18	21.16	21.26	21.23	21.80
		36	39	20.98	21.05	21.09	21.80
		75	0	20.89	20.89	20.89	21.80
		1	0	20.35	20.26	20.32	22.00
		1	38	20.90	21.00	20.90	22.00
		1	74	20.53	20.47	20.37	22.00
		36	0	21.30	21.23	21.15	21.80
		36	18	21.16	21.26	21.23	21.80
		36	39	20.98	21.05	21.09	21.80
	16QAM	75	0	20.89	20.89	20.89	21.80
		1	0	20.35	20.26	20.32	22.00
		1	38	20.90	21.00	20.90	22.00
		1	74	20.53	20.47	20.37	22.00
		36	0	21.30	21.23	21.15	21.80
	64QAM	36	18	21.16	21.26	21.23	21.80
		36	39	20.98	21.05	21.09	21.80
		75	0	20.89	20.89	20.89	21.80
		1	0	20.35	20.26	20.32	22.00
		1	38	20.90	21.00	20.90	22.00
		1	74	20.53	20.47	20.37	22.00
		36	0	21.30	21.23	21.15	21.80
		36	18	21.16	21.26	21.23	21.80
		36	39	20.98	21.05	21.09	21.80
		75	0	20.89	20.89	20.89	21.80
	16QAM	1	0	20.35	20.26	20.32	22.00
		1	38	20.90	21.00	20.90	22.00
		1	74	20.53	20.47	20.37	22.00
		36	0	21.30	21.23	21.15	21.80
		36	18	21.16	21.26	21.23	21.80
	64QAM	36	39	20.98	21.05	21.09	21.80
		75	0	20.89	20.89	20.89	21.80
		1	0	20.35	20.26	20.32	22.00
		1	38	20.90	21.00	20.90	2

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		1	50	/	21.51	/	22.00
		1	99	/	21.08	/	22.00
		50	0	/	21.10	/	22.00
		50	25	/	21.07	/	22.00
		50	50	/	21.10	/	22.00
		100	0	/	21.04	/	22.00
	16QAM	1	0	/	20.58	/	22.00
		1	50	/	20.52	/	22.00
		1	99	/	20.68	/	22.00
		50	0	/	21.10	/	22.00
		50	25	/	21.13	/	22.00
		50	50	/	20.95	/	22.00
	64QAM	100	0	/	20.96	/	22.00
		1	0	/	20.32	/	22.00
		1	50	/	20.93	/	22.00
		1	99	/	20.37	/	22.00
		50	0	/	21.19	/	21.80
		50	25	/	21.19	/	21.80
		50	50	/	21.12	/	21.80
		100	0	/	20.95	/	21.80

LTE Band 7 DSI 1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.07	22.17	22.15	23.20
		1	13	22.58	22.29	22.35	23.20
		1	24	22.22	22.06	22.50	23.20
		12	0	22.14	22.01	22.28	23.20
		12	6	22.08	22.26	22.08	23.20
		12	13	21.95	21.97	22.06	23.20
		25	0	22.06	22.22	22.08	23.20
	16QAM	1	0	21.71	21.62	21.62	23.20
		1	13	22.19	21.69	21.94	23.20
		1	24	21.57	21.72	21.77	23.20
		12	0	21.24	21.52	21.55	22.50
		12	6	21.60	21.52	21.48	22.50
		12	13	21.39	21.18	21.38	22.50
		25	0	21.22	21.24	21.64	22.50
	64QAM	1	0	21.44	21.57	21.19	22.50
		1	13	22.07	21.99	21.02	22.50
		1	24	20.98	21.22	21.45	22.50
		12	0	20.45	20.55	20.67	21.50
		12	6	20.46	20.38	20.23	21.50
		12	13	20.09	20.33	20.33	21.50
		25	0	20.17	20.43	20.36	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	21.97	22.08	22.23	23.20
		1	25	22.56	22.30	22.28	23.20
		1	49	22.16	22.10	22.56	23.20
		25	0	22.24	22.09	22.18	23.20
		25	13	22.02	22.22	22.00	23.20
		25	25	21.98	21.87	22.03	23.20
		50	0	22.16	22.17	22.12	23.20
	16QAM	1	0	21.73	21.62	21.62	23.20
		1	25	22.10	21.63	22.02	23.20
		1	49	21.65	21.70	21.74	23.20
		25	0	21.32	21.48	21.50	22.50
		25	13	21.56	21.47	21.49	22.50



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	64QAM	25	25	21.33	21.22	21.28	22.50
		50	0	21.18	21.32	21.55	22.50
		1	0	20.57	21.50	21.10	22.50
		1	25	21.99	21.90	21.08	22.50
		1	49	21.06	21.19	20.54	22.50
		25	0	20.41	20.47	20.75	21.50
		25	13	20.47	20.35	20.32	21.50
		25	25	20.13	20.40	20.35	21.50
		50	0	20.21	20.34	20.27	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	22.06	22.16	22.19	23.20
		1	38	22.46	22.33	22.30	23.20
		1	74	22.11	22.01	22.47	23.20
		36	0	22.23	22.14	22.19	23.20
		36	18	22.10	22.13	22.08	23.20
		36	39	22.06	21.97	22.08	23.20
		75	0	22.13	22.13	22.22	23.20
	16QAM	1	0	21.70	21.67	21.70	23.20
		1	38	22.00	21.53	21.94	23.20
		1	74	21.60	21.80	21.78	23.20
		36	0	21.29	21.49	21.48	22.50
		36	18	21.49	21.38	21.42	22.50
		36	39	21.26	21.19	21.38	22.50
		75	0	21.18	21.35	21.49	22.50
	64QAM	1	0	20.61	21.45	21.02	22.50
		1	38	22.01	21.94	21.17	22.50
		1	74	21.07	21.25	20.50	22.50
		36	0	20.47	20.43	20.65	21.50
		36	18	20.44	20.45	20.30	21.50
		36	39	20.22	20.35	20.32	21.50
		75	0	20.22	20.40	20.25	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	22.05	22.12	22.15	23.20
		1	50	22.50	22.37	22.28	23.20
		1	99	22.06	22.08	22.40	23.20
		50	0	22.08	22.24	22.17	23.20
		50	25	22.25	22.15	22.08	23.20
		50	50	22.02	22.07	22.07	23.20
		100	0	22.05	22.11	22.17	23.20
	16QAM	1	0	21.77	21.73	21.72	23.20
		1	50	21.97	21.60	22.04	23.20
		1	99	21.57	21.80	21.72	23.20
		50	0	21.39	21.44	21.52	22.50
		50	25	21.43	21.40	21.40	22.50
		50	50	21.31	21.28	21.30	22.50
		100	0	21.24	21.38	21.45	22.50
	64QAM	1	0	20.61	21.52	20.93	22.50
		1	50	21.96	21.87	21.16	22.50
		1	99	21.07	21.17	20.55	22.50
		50	0	20.39	20.38	20.63	21.50
		50	25	20.52	20.35	20.35	21.50
		50	50	20.31	20.29	20.40	21.50
		100	0	20.25	20.39	20.33	21.50



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LTE Band 7 DSI 5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	21.97	21.90	21.51	22.70
		1	13	21.73	21.86	22.03	22.70
		1	24	21.56	21.64	21.81	22.70
		12	0	21.85	21.84	21.61	22.70
		12	6	21.66	21.81	21.37	22.70
		12	13	21.56	21.43	21.49	22.70
		25	0	21.66	21.61	21.65	22.70
	16QAM	1	0	21.22	21.04	21.15	22.70
		1	13	21.60	21.51	21.51	22.70
		1	24	21.11	21.17	21.02	22.70
		12	0	21.63	21.59	21.36	22.50
		12	6	21.37	21.27	21.35	22.50
		12	13	21.21	21.27	21.49	22.50
		25	0	21.28	21.42	21.35	22.50
	64QAM	1	0	21.30	20.87	21.16	22.50
		1	13	21.39	21.23	21.45	22.50
		1	24	21.08	20.94	21.18	22.50
		12	0	21.39	21.38	21.45	21.50
		12	6	21.41	21.49	21.41	21.50
		12	13	21.31	21.13	21.45	21.50
		25	0	21.45	21.47	21.34	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	22.07	21.81	21.63	22.70
		1	25	21.91	22.03	22.01	22.70
		1	49	21.70	21.67	21.78	22.70
		25	0	21.82	21.74	21.53	22.70
		25	13	21.77	21.63	21.63	22.70
		25	25	21.54	21.63	21.69	22.70
		50	0	21.58	21.69	21.68	22.70
	16QAM	1	0	21.19	21.28	21.34	22.70
		1	25	21.65	21.48	21.49	22.70
		1	49	21.06	21.18	20.97	22.70
		25	0	21.64	21.64	21.52	22.50
		25	13	21.37	21.33	21.37	22.50
		25	25	21.45	21.43	21.21	22.50
		50	0	21.23	21.36	21.41	22.50
	64QAM	1	0	21.15	21.16	21.11	22.50
		1	25	21.54	21.33	21.43	22.50
		1	49	21.18	21.06	21.22	22.50
		25	0	21.33	21.45	21.41	21.50
		25	13	21.32	21.43	21.44	21.50
		25	25	21.26	21.42	21.46	21.50
		50	0	21.43	21.41	21.38	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	22.06	21.77	21.59	22.70
		1	38	21.88	21.93	22.10	22.70
		1	74	21.68	21.70	21.77	22.70
		36	0	21.72	21.85	21.64	22.70
		36	18	21.64	21.59	21.54	22.70
		36	39	21.60	21.64	21.45	22.70
		75	0	21.61	21.67	21.55	22.70
	16QAM	1	0	21.15	21.20	21.21	22.70
		1	38	21.55	21.37	21.66	22.70



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		1	74	21.02	21.20	20.95	22.70
		36	0	21.55	21.55	21.52	22.50
		36	18	21.59	21.26	21.31	22.50
		36	39	21.32	21.29	21.32	22.50
		75	0	21.39	21.32	21.30	22.50
	64QAM	1	0	21.26	21.18	21.13	22.50
		1	38	21.40	21.27	21.60	22.50
		1	74	20.96	21.10	21.25	22.50
		36	0	21.35	21.41	21.40	21.50
		36	18	21.43	21.49	21.48	21.50
20MHz	Modulation	36	39	21.24	21.22	21.50	21.50
		75	0	21.35	21.41	21.33	21.50
		Channel	Channel	Channel	Tune up		
		20850	21100	21350			
	QPSK	1	0	22.07	21.82	21.61	22.70
		1	50	22.10	22.00	21.85	22.70
		1	99	21.58	21.71	21.74	22.70
		50	0	21.77	21.67	21.67	22.70
		50	25	21.80	21.59	21.54	22.70
20MHz	16QAM	50	50	21.55	21.64	21.55	22.70
		100	0	21.60	21.62	21.61	22.70
		1	0	21.23	21.16	21.29	22.70
		1	50	21.63	21.46	21.60	22.70
		1	99	20.97	21.18	21.00	22.70
	64QAM	50	0	21.58	21.49	21.53	22.50
		50	25	21.50	21.33	21.38	22.50
		50	50	21.35	21.26	21.31	22.50
		100	0	21.29	21.30	21.36	22.50
		1	0	21.23	21.15	21.14	22.50
20MHz	64QAM	1	50	21.50	21.25	21.50	22.50
		1	99	21.06	21.02	21.20	22.50
		50	0	21.41	21.41	21.45	21.50
		50	25	21.44	21.49	21.50	21.50
		50	50	21.32	21.29	21.43	21.50
		100	0	21.38	21.36	21.42	21.50

LTE Band 66 DSI 1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.30	21.91	21.80	22.80
		1	2	21.98	22.42	22.26	22.80
		1	5	22.06	22.05	21.68	22.80
		3	0	21.59	21.54	21.58	22.80
		3	1	21.77	21.77	21.60	22.80
		3	3	21.47	21.44	21.81	22.80
	16QAM	6	0	21.49	21.68	21.61	22.80
		1	0	21.21	21.44	21.88	22.80
		1	2	21.43	21.27	21.65	22.80
		1	5	21.21	21.50	21.19	22.80
		3	0	21.39	21.87	21.76	22.80
		3	1	21.69	21.76	21.66	22.80
	64QAM	3	3	21.81	21.47	21.53	22.80
		6	0	21.64	21.67	21.82	22.80
		1	0	20.92	21.48	21.15	22.80
		1	2	22.11	21.86	22.26	22.80
		1	5	21.20	21.74	21.43	22.80
		3	0	21.32	21.83	21.54	22.80
		3	1	21.55	21.66	21.58	22.80
		3	3	21.74	21.61	22.13	22.80



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		6	0	20.41	20.42	20.66	21.80
				131987	132322	132657	
3MHz	QPSK	1	0	21.30	21.87	21.80	22.80
		1	7	21.88	22.38	22.30	22.80
		1	14	22.10	22.03	21.72	22.80
		8	0	21.55	21.61	21.63	22.80
		8	4	21.78	21.81	21.60	22.80
		8	7	21.38	21.45	21.77	22.80
	16QAM	15	0	21.55	21.66	21.64	22.80
		1	0	21.24	21.39	21.81	22.80
		1	7	21.45	21.29	21.63	22.80
		1	14	21.29	21.58	21.13	22.80
		8	0	21.39	21.81	21.78	22.80
		8	4	21.68	21.71	21.74	22.80
	64QAM	8	7	21.80	21.57	21.54	22.80
		15	0	21.70	21.70	21.75	22.80
		1	0	20.97	21.51	21.05	22.80
		1	7	22.10	21.79	22.16	22.80
		1	14	21.19	21.64	21.48	22.80
		8	0	20.35	20.86	20.56	21.80
5MHz	QPSK	8	4	20.59	20.64	20.67	21.80
		8	7	20.67	20.65	21.03	21.80
		15	0	20.40	20.51	20.75	21.80
	16QAM	1	0	21.38	21.95	21.85	22.80
		1	13	21.96	22.33	22.38	22.80
		1	24	22.00	22.01	21.62	22.80
	64QAM	12	0	21.63	21.69	21.63	22.80
		12	6	21.84	21.88	21.66	22.80
		12	13	21.48	21.54	21.86	22.80
	16QAM	25	0	21.64	21.76	21.71	22.80
		1	0	21.14	21.40	21.71	22.80
		1	13	21.44	21.29	21.54	22.80
		1	24	21.26	21.48	21.21	22.80
	64QAM	12	0	21.44	21.86	21.77	22.80
		12	6	21.71	21.66	21.71	22.80
		12	13	21.76	21.54	21.63	22.80
	16QAM	25	0	21.70	21.80	21.69	22.80
		1	0	20.95	21.49	21.01	22.80
		1	13	22.14	21.77	22.11	22.80
		1	24	21.29	21.72	21.44	22.80
	64QAM	12	0	20.45	20.93	20.66	21.80
		12	6	20.59	20.69	20.68	21.80
		12	13	20.64	20.66	21.04	21.80
		25	0	20.37	20.61	20.77	21.80
10MHz	QPSK	1	0	21.47	21.92	21.88	22.80
		1	25	22.04	22.33	22.35	22.80
		1	49	22.03	22.03	21.63	22.80
		25	0	21.69	21.72	21.62	22.80
		25	13	21.82	21.78	21.63	22.80
		25	25	21.38	21.63	21.83	22.80
	16QAM	50	0	21.72	21.74	21.73	22.80
		1	0	21.09	21.44	21.65	22.80
		1	25	21.42	21.36	21.62	22.80
		1	49	21.22	21.41	21.11	22.80
		25	0	21.43	21.77	21.73	22.80
		25	13	21.62	21.76	21.62	22.80



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		25	25	21.66	21.51	21.53	22.80
		50	0	21.62	21.82	21.68	22.80
	64QAM	1	0	20.85	21.56	20.93	22.80
		1	25	22.08	21.78	22.19	22.80
		1	49	21.38	21.75	21.40	22.80
		25	0	20.44	20.83	20.66	21.80
		25	13	20.55	20.72	20.71	21.80
		25	25	20.69	20.70	20.97	21.80
		50	0	20.45	20.69	20.74	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	21.47	21.82	21.86	22.80
		1	38	21.98	22.24	22.28	22.80
		1	74	21.97	21.96	21.54	22.80
		36	0	21.74	21.69	21.53	22.80
		36	18	21.86	21.83	21.70	22.80
		36	39	21.42	21.69	21.73	22.80
		75	0	21.66	21.68	21.65	22.80
	16QAM	1	0	21.05	21.38	21.58	22.80
		1	38	21.45	21.42	21.63	22.80
		1	74	21.23	21.32	21.12	22.80
		36	0	21.51	21.80	21.69	22.80
		36	18	21.67	21.72	21.57	22.80
		36	39	21.61	21.50	21.59	22.80
		75	0	21.67	21.80	21.67	22.80
	64QAM	1	0	20.84	21.65	20.96	22.80
		1	38	22.12	21.68	22.11	22.80
		1	74	21.33	21.80	21.39	22.80
		36	0	20.52	20.92	20.57	21.80
		36	18	20.65	20.65	20.64	21.80
		36	39	20.68	20.64	20.88	21.80
		75	0	20.55	20.70	20.80	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	21.62	22.10	21.76	22.80
		1	50	22.08	21.90	22.09	22.80
		1	99	21.97	21.97	21.63	22.80
		50	0	21.69	21.84	21.60	22.80
		50	25	21.81	21.78	21.68	22.80
		50	50	21.52	21.61	21.70	22.80
		100	0	21.62	21.77	21.67	22.80
	16QAM	1	0	21.09	21.30	21.48	22.80
		1	50	21.52	21.46	21.59	22.80
		1	99	21.31	21.23	21.07	22.80
		50	0	21.50	21.78	21.62	22.80
		50	25	21.64	21.73	21.60	22.80
		50	50	21.60	21.57	21.68	22.80
		100	0	21.64	21.70	21.69	22.80
	64QAM	1	0	20.82	21.67	21.03	22.80
		1	50	22.13	21.62	22.10	22.80
		1	99	21.43	21.74	21.45	22.80
		50	0	20.60	20.82	20.66	21.80
		50	25	20.66	20.66	20.71	21.80
		50	50	20.61	20.61	20.80	21.80
		100	0	20.54	20.66	20.72	21.80



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LTE Band 66 DSI 5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.10	20.96	21.26	22.30
		1	2	21.81	21.76	21.69	22.30
		1	5	21.38	21.30	21.12	22.30
		3	0	21.17	21.39	21.43	22.30
		3	1	21.19	21.60	21.05	22.30
		3	3	21.26	21.26	20.93	22.30
		6	0	21.24	21.25	21.04	22.30
	16QAM	1	0	21.21	20.87	20.81	22.30
		1	2	21.25	21.27	20.80	22.30
		1	5	20.91	21.04	20.41	22.30
		3	0	21.36	21.33	21.00	22.30
		3	1	21.33	21.46	21.29	22.30
		3	3	21.27	21.34	21.06	22.30
		6	0	21.08	21.23	21.21	22.30
	64QAM	1	0	21.18	20.84	20.39	22.30
		1	2	21.05	21.12	20.96	22.30
		1	5	20.89	20.87	20.50	22.30
		3	0	21.65	21.80	21.69	22.30
		3	1	21.57	21.84	21.96	22.30
		3	3	21.94	21.17	21.92	22.30
		6	0	20.90	20.92	21.09	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	21.24	21.05	21.23	22.30
		1	7	21.74	21.82	21.51	22.30
		1	14	21.62	21.30	21.15	22.30
		8	0	21.17	21.40	21.23	22.30
		8	4	21.34	21.50	21.27	22.30
		8	7	20.96	21.34	20.72	22.30
		15	0	21.14	21.25	21.02	22.30
	16QAM	1	0	21.14	20.99	20.64	22.30
		1	7	21.36	21.35	20.78	22.30
		1	14	20.88	20.65	21.20	22.30
		8	0	21.02	21.28	20.98	22.30
		8	4	21.00	21.36	21.11	22.30
		8	7	21.15	21.19	21.17	22.30
		15	0	21.13	21.02	21.21	22.30
	64QAM	1	0	21.13	20.82	21.19	22.30
		1	7	20.88	21.16	20.91	22.30
		1	14	20.75	20.55	20.71	22.30
		8	0	21.22	21.34	21.30	21.80
		8	4	21.12	21.22	21.12	21.80
		8	7	21.22	21.01	21.13	21.80
		15	0	21.04	20.90	21.32	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.30	21.10	21.22	22.30
		1	13	21.82	21.90	21.60	22.30
		1	24	21.55	21.28	21.21	22.30
		12	0	21.13	21.40	21.25	22.30
		12	6	21.37	21.54	21.20	22.30
		12	13	20.97	21.40	20.81	22.30
		25	0	21.23	21.20	20.96	22.30
	16QAM	1	0	21.12	21.05	20.66	22.30
		1	13	21.27	21.30	20.73	22.30



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		1	24	20.95	20.74	20.34	22.30
		12	0	21.12	21.22	21.07	22.30
		12	6	21.07	21.31	21.15	22.30
		12	13	21.14	21.27	21.15	22.30
		25	0	21.14	21.08	21.16	22.30
		1	0	21.16	20.83	20.74	22.30
		1	13	20.97	21.10	20.82	22.30
		1	24	20.72	20.64	20.61	22.30
		12	0	21.20	21.44	21.23	21.80
		12	6	21.13	21.17	21.19	21.80
	64QAM	12	13	21.27	21.09	21.21	21.80
		25	0	20.96	20.98	21.34	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.20	21.17	21.23	22.30
		1	25	21.80	21.82	21.65	22.30
		1	49	21.54	21.33	21.14	22.30
		25	0	21.16	21.44	21.17	22.30
		25	13	21.28	21.44	21.15	22.30
		25	25	21.00	21.35	20.84	22.30
		50	0	21.17	21.23	20.94	22.30
	16QAM	1	0	20.31	20.97	20.69	22.30
		1	25	21.20	21.25	20.79	22.30
		1	49	21.02	20.81	20.34	22.30
		25	0	21.10	21.29	20.99	22.30
		25	13	21.16	21.31	21.15	22.30
		25	25	21.16	21.24	21.14	22.30
		50	0	21.17	21.17	21.12	22.30
	64QAM	1	0	21.25	20.91	20.65	22.30
		1	25	21.03	21.04	20.82	22.30
		1	49	20.65	20.73	20.63	22.30
		25	0	21.10	21.41	21.17	21.80
		25	13	21.20	21.18	21.16	21.80
		25	25	21.34	21.02	21.31	21.80
		50	0	21.03	20.92	21.26	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.11	21.18	21.31	22.30
		1	38	21.77	21.84	21.63	22.30
		1	74	21.46	21.30	21.20	22.30
		36	0	21.11	21.41	21.16	22.30
		36	18	21.24	21.38	21.08	22.30
		36	39	21.09	21.25	20.93	22.30
		75	0	21.14	21.24	20.95	22.30
	16QAM	1	0	20.39	20.95	20.71	22.30
		1	38	21.14	21.16	20.84	22.30
		1	74	21.04	20.85	21.17	22.30
		36	0	21.20	21.25	20.92	22.30
		36	18	21.19	21.24	21.23	22.30
		36	39	21.09	21.17	21.16	22.30
		75	0	21.14	21.24	21.15	22.30
	64QAM	1	0	20.35	21.00	20.57	22.30
		1	38	21.07	21.09	20.89	22.30
		1	74	20.72	20.75	20.54	22.30
		36	0	21.14	21.32	21.20	21.80
		36	18	21.12	21.19	21.21	21.80
		36	39	21.33	21.11	21.31	21.80
		75	0	21.10	21.00	21.26	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.33	21.52	21.35	22.30



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		1	50	21.45	21.47	21.48	22.30
		1	99	21.39	21.30	21.28	22.30
		50	0	21.03	21.38	21.21	22.30
		50	25	21.21	21.34	21.13	22.30
		50	50	21.12	21.16	21.01	22.30
		100	0	21.11	21.22	21.01	22.30
	16QAM	1	0	20.33	20.88	20.78	22.30
		1	50	21.18	21.19	20.75	22.30
		1	99	20.96	20.95	20.35	22.30
		50	0	21.21	21.16	21.02	22.30
		50	25	21.24	21.31	21.22	22.30
		50	50	21.08	21.27	21.21	22.30
	64QAM	100	0	21.05	21.28	21.18	22.30
		1	0	20.45	20.94	20.47	22.30
		1	50	21.11	21.15	20.92	22.30
		1	99	20.72	20.69	20.56	22.30
		50	0	21.11	21.40	21.17	21.80
		50	25	21.22	21.28	21.29	21.80
		50	50	21.30	21.06	21.39	21.80
		100	0	21.08	21.06	21.16	21.80

LTE Band 38 DSI 1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.69	23.72	23.73	24.50
		1	13	24.03	24.13	24.04	24.50
		1	24	23.82	23.74	23.72	24.50
		12	0	22.63	22.71	22.77	23.50
		12	6	22.88	22.87	22.80	23.50
		12	13	22.84	22.90	22.96	23.50
	16QAM	25	0	23.03	22.93	22.88	23.50
		1	0	22.22	22.17	22.13	23.50
		1	13	22.82	22.82	22.88	23.50
		1	24	21.98	22.02	22.06	23.50
		12	0	21.75	21.72	21.76	22.50
		12	6	21.84	21.85	21.94	22.50
	64QAM	12	13	21.66	21.68	21.66	22.50
		25	0	21.89	21.84	21.86	22.50
		1	0	21.31	21.28	21.33	22.50
		1	13	21.76	21.83	21.80	22.50
		1	24	21.19	21.25	21.17	22.50
		12	0	20.76	20.69	20.68	21.50
10MHz	QPSK	12	6	20.66	20.57	20.59	21.50
		12	13	20.74	20.80	20.79	21.50
		25	0	20.73	20.78	20.82	21.50
	16QAM	1	0	23.91	23.82	23.79	24.50
		1	25	24.15	24.17	24.18	24.50
		1	49	23.74	23.65	23.58	24.50
		25	0	22.68	22.77	22.70	23.50
		25	13	22.93	22.96	23.00	23.50
		25	25	22.76	22.84	22.83	23.50
		50	0	22.85	22.86	22.86	23.50
		1	0	22.22	22.22	22.24	23.50
		1	25	22.93	22.86	22.90	23.50
		1	49	22.06	22.09	22.00	23.50
		25	0	21.71	21.81	21.83	22.50
		25	13	21.77	21.78	21.88	22.50



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	64QAM	25	25	21.76	21.74	21.77	22.50
		50	0	21.73	21.77	21.75	22.50
		1	0	21.21	21.26	21.35	22.50
		1	25	21.85	21.77	21.67	22.50
		1	49	21.31	21.25	21.35	22.50
		25	0	20.77	20.73	20.70	21.50
		25	13	20.60	20.62	20.56	21.50
		25	25	20.74	20.71	20.63	21.50
		50	0	20.84	20.80	20.70	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.77	23.87	23.95	24.50
		1	38	24.28	24.20	24.29	24.50
		1	74	23.69	23.69	23.68	24.50
		36	0	22.77	22.84	22.90	23.50
		36	18	22.94	22.87	22.94	23.50
		36	39	22.71	22.76	22.74	23.50
		75	0	22.86	22.96	22.93	23.50
	16QAM	1	0	22.25	22.27	22.20	23.50
		1	38	22.71	22.79	22.71	23.50
		1	74	22.14	22.19	22.11	23.50
		36	0	21.67	21.73	21.80	22.50
		36	18	21.69	21.71	21.63	22.50
		36	39	21.67	21.64	21.72	22.50
		75	0	21.84	21.76	21.83	22.50
	64QAM	1	0	21.20	21.30	21.37	22.50
		1	38	21.77	21.73	21.82	22.50
		1	74	21.20	21.17	21.16	22.50
		36	0	20.73	20.67	20.68	21.50
		36	18	20.76	20.68	20.62	21.50
		36	39	20.61	20.66	20.74	21.50
		75	0	20.89	20.79	20.76	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	23.83	/	24.50
		1	50	/	24.11	/	24.50
		1	99	/	23.65	/	24.50
		50	0	/	22.85	/	23.50
		50	25	/	22.78	/	23.50
		50	50	/	22.73	/	23.50
		100	0	/	22.86	/	23.50
	16QAM	1	0	/	22.18	/	23.50
		1	50	/	22.69	/	23.50
		1	99	/	22.17	/	23.50
		50	0	/	21.73	/	22.50
		50	25	/	21.74	/	22.50
		50	50	/	21.63	/	22.50
		100	0	/	21.67	/	22.50
	64QAM	1	0	/	21.33	/	22.50
		1	50	/	21.69	/	22.50
		1	99	/	21.12	/	22.50
		50	0	/	20.77	/	21.50
		50	25	/	20.77	/	21.50
		50	50	/	20.67	/	21.50
		100	0	/	20.73	/	21.50



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LTE Band 38 DSI 5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.59	23.65	23.61	24.00
		1	13	23.59	23.68	23.70	24.00
		1	24	23.20	23.28	23.28	24.00
		12	0	22.88	22.93	22.85	23.50
		12	6	22.80	22.81	22.90	23.50
		12	13	22.77	22.87	22.94	23.50
		25	0	23.00	23.00	23.10	23.50
	16QAM	1	0	22.38	22.43	22.48	23.50
		1	13	22.77	22.85	22.79	23.50
		1	24	21.93	21.88	21.83	23.50
		12	0	21.86	21.77	21.72	22.50
		12	6	21.90	21.89	21.97	22.50
		12	13	21.69	21.74	21.67	22.50
		25	0	21.67	21.67	21.71	22.50
	64QAM	1	0	21.76	21.82	21.74	22.50
		1	13	22.20	22.25	22.31	22.50
		1	24	21.96	21.87	21.84	22.50
		12	0	21.34	21.27	21.23	21.50
		12	6	21.47	21.45	21.50	21.50
		12	13	21.49	21.48	21.41	21.50
		25	0	21.33	21.42	21.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.68	23.71	23.77	24.00
		1	25	23.74	23.67	23.66	24.00
		1	49	23.39	23.37	23.37	24.00
		25	0	23.04	22.97	23.01	23.50
		25	13	22.79	22.86	22.81	23.50
		25	25	22.75	22.85	22.82	23.50
		50	0	23.03	22.94	23.04	23.50
	16QAM	1	0	22.50	22.40	22.33	23.50
		1	25	22.83	22.80	22.86	23.50
		1	49	21.86	21.95	21.89	23.50
		25	0	21.63	21.72	21.78	22.50
		25	13	21.89	21.96	21.98	22.50
		25	25	21.82	21.79	21.77	22.50
		50	0	21.72	21.69	21.64	22.50
	64QAM	1	0	21.92	21.83	21.81	22.50
		1	25	22.21	22.29	22.34	22.50
		1	49	21.85	21.82	21.87	22.50
		25	0	21.34	21.35	21.38	21.50
		25	13	21.41	21.46	21.46	21.50
		25	25	21.38	21.46	21.42	21.50
		50	0	21.48	21.45	21.47	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.69	23.64	23.69	24.00
		1	38	23.67	23.65	23.62	24.00
		1	74	23.38	23.28	23.36	24.00
		36	0	23.04	23.06	22.97	23.50
		36	18	22.90	22.89	22.82	23.50
		36	39	22.72	22.79	22.86	23.50
		75	0	22.88	22.89	22.81	23.50
	16QAM	1	0	22.38	22.31	22.35	23.50
		1	38	22.69	22.78	22.74	23.50



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		1	74	21.80	21.89	21.99	23.50
		36	0	21.76	21.79	21.75	22.50
		36	18	22.02	21.94	22.03	22.50
		36	39	21.91	21.86	21.88	22.50
		75	0	21.81	21.77	21.84	22.50
	64QAM	1	0	21.91	21.92	21.87	22.50
		1	38	22.30	22.32	22.25	22.50
		1	74	21.81	21.76	21.82	22.50
		36	0	21.45	21.42	21.40	21.50
		36	18	21.43	21.47	21.32	21.50
Bandwidth	Modulation	36	39	21.32	21.31	21.49	21.50
		75	0	21.50	21.33	21.42	21.50
		RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
	QPSK	1	0	/	23.73	/	24.00
		1	50	/	23.74	/	24.00
		1	99	/	23.28	/	24.00
		50	0	/	22.98	/	23.50
		50	25	/	22.95	/	23.50
		50	50	/	22.88	/	23.50
	16QAM	100	0	/	22.94	/	23.50
		1	0	/	22.38	/	23.50
		1	50	/	22.70	/	23.50
		1	99	/	21.92	/	23.50
		50	0	/	21.78	/	22.50
		50	25	/	21.89	/	22.50
20MHz	64QAM	50	50	/	21.79	/	22.50
		100	0	/	21.84	/	22.50
		1	0	/	21.95	/	22.50
		1	50	/	22.35	/	22.50
		1	99	/	21.69	/	22.50
		50	0	/	21.46	/	21.50
		50	25	/	21.42	/	21.50
		50	50	/	21.45	/	21.50
		100	0	/	21.46	/	21.50



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1.2 Conducted Power of Legacy (Ant1)

GSM 850 DSI 1/3/5/6										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.49	32.35	32.64	33.50	-9.19	23.30	23.16	23.45	24.31
GPRS (GMSK)	1 TX Slot	32.41	32.39	32.59	33.50	-9.19	23.22	23.20	23.40	24.31
	2 TX Slots	29.24	29.29	29.33	30.50	-6.18	23.06	23.11	23.15	24.32
	3 TX Slots	27.98	28.09	28.12	28.70	-4.42	23.56	23.67	23.70	24.28
	4 TX Slots	26.82	26.76	26.98	27.50	-3.17	23.65	23.59	23.81	24.33
EGPRS (GMSK)	1 TX Slot	32.44	32.41	32.55	33.50	-9.19	23.25	23.22	23.36	24.31
	2 TX Slots	29.16	29.28	29.35	30.50	-6.18	22.98	23.10	23.17	24.32
	3 TX Slots	27.94	28.10	28.20	28.70	-4.42	23.52	23.68	23.78	24.28
	4 TX Slots	26.79	26.67	26.91	27.50	-3.17	23.62	23.50	23.74	24.33
EGPRS (8PSK)	1 TX Slot	26.17	26.44	26.38	28.00	-9.19	16.98	17.25	17.19	18.81
	2 TX Slots	23.76	23.99	23.76	25.00	-6.18	17.58	17.81	17.58	18.82
	3 TX Slots	22.34	22.67	22.76	23.20	-4.42	17.92	18.25	18.34	18.78
	4 TX Slots	21.18	20.79	20.65	22.00	-3.17	18.01	17.62	17.48	18.83

GSM 850 DSI 7										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	28.49	28.66	28.72	29.50	-9.19	19.30	19.47	19.53	20.31
GPRS (GMSK)	1 TX Slot	28.57	28.59	28.67	29.50	-9.19	19.38	19.40	19.48	20.31
	2 TX Slots	25.32	25.36	25.37	26.50	-6.18	19.14	19.18	19.19	20.32
	3 TX Slots	24.18	24.27	24.36	24.70	-4.42	19.76	19.85	19.94	20.28
	4 TX Slots	22.76	22.95	23.01	23.50	-3.17	19.59	19.78	19.84	20.33
EGPRS (GMSK)	1 TX Slot	28.55	28.58	28.65	29.50	-9.19	19.36	19.39	19.46	20.31
	2 TX Slots	25.42	25.31	25.40	26.50	-6.18	19.24	19.13	19.22	20.32
	3 TX Slots	24.25	24.35	24.36	24.70	-4.42	19.83	19.93	19.94	20.28
	4 TX Slots	22.69	22.85	23.06	23.50	-3.17	19.52	19.68	19.89	20.33
EGPRS (8PSK)	1 TX Slot	21.69	21.37	21.69	24.00	-9.19	12.50	12.18	12.50	14.81
	2 TX Slots	19.82	19.83	19.53	21.00	-6.18	13.64	13.65	13.35	14.82
	3 TX Slots	19.00	19.01	18.76	19.20	-4.42	14.58	14.59	14.34	14.78
	4 TX Slots	18.00	17.97	18.33	18.50	-3.17	14.83	14.80	15.16	15.33



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WCDMA Band V DSI 1/3/5/6/7					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	24.03	24.18	23.90	25.00
	12.2kbps AMR	24.01	24.27	23.90	25.00
HSDPA	Subtest 1	23.33	23.08	22.90	24.00
	Subtest 2	23.24	23.00	22.91	24.00
	Subtest 3	22.73	22.46	22.41	23.50
	Subtest 4	22.71	22.56	22.40	23.50
HSUPA	Subtest 1	23.19	23.07	23.09	24.00
	Subtest 2	20.29	20.97	20.93	22.00
	Subtest 3	21.72	22.00	21.92	23.00
	Subtest 4	21.18	21.08	20.93	22.00
DC-HSDPA	Subtest 5	22.93	22.85	22.83	24.00
	Subtest 1	23.27	23.18	22.92	24.00
	Subtest 2	23.22	23.00	22.84	24.00
	Subtest 3	22.70	22.36	22.44	23.50
	Subtest 4	22.81	22.47	22.38	23.50

LTE Band 5 DSI 1/3/5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	20407	20525	20643	25.00
		1	2	24.37	24.32	24.28	25.00
		1	5	24.54	24.53	24.49	25.00
		3	0	24.29	24.29	24.37	25.00
		3	2	24.22	24.18	24.26	25.00
		3	3	24.42	24.42	24.39	25.00
	16QAM	6	0	24.61	24.52	24.53	25.00
		6	0	23.51	23.41	23.32	24.00
		1	0	23.07	23.04	23.04	24.00
		1	2	22.98	22.99	23.00	24.00
		1	5	22.70	22.64	22.71	24.00
		3	0	23.19	23.27	23.26	24.00
	64QAM	3	2	23.42	23.37	23.30	24.00
		3	3	23.52	23.47	23.42	24.00
		6	0	23.52	23.47	23.42	24.00
		6	0	22.57	22.49	22.48	23.00
		1	0	22.71	22.74	22.84	23.00
		1	2	22.76	22.79	22.88	23.00
3MHz	QPSK	1	5	22.71	22.71	22.81	23.00
		3	0	22.97	22.95	22.85	23.00
		3	2	22.81	22.90	22.85	23.00
		3	3	22.96	22.86	22.86	23.00
		6	0	22.00	21.98	21.98	22.00
		1	0	22.48	22.47	22.54	23.00
	16QAM	1	7	24.34	24.32	24.33	25.00
		1	14	24.49	24.43	24.48	25.00
		8	0	24.28	24.31	24.40	25.00
		8	4	23.20	23.13	23.23	24.00
		8	4	23.51	23.41	23.31	24.00
		8	7	23.38	23.43	23.42	24.00
	QPSK	15	0	23.38	23.37	23.41	24.00
		1	0	22.92	23.02	22.96	24.00
		1	7	22.90	22.89	22.87	24.00
		1	14	22.66	22.73	22.63	24.00
		8	0	22.34	22.30	22.34	23.00
		8	4	22.39	22.45	22.55	23.00



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	64QAM	15	0	22.42	22.44	22.39	23.00
		1	0	22.78	22.79	22.79	23.00
		1	7	22.77	22.81	22.84	23.00
		1	14	22.61	22.69	22.59	23.00
		8	0	21.83	21.93	21.84	22.00
		8	4	21.90	21.95	21.91	22.00
		8	7	21.84	21.78	21.79	22.00
		15	0	21.85	21.92	21.95	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20425	20525	20625	25.00
		1	13	24.23	24.29	24.38	25.00
		1	24	24.50	24.52	24.44	25.00
		1	24	24.28	24.28	24.38	25.00
		12	0	23.22	23.17	23.08	24.00
		12	6	23.54	23.47	23.53	24.00
		12	13	23.37	23.36	23.36	24.00
	16QAM	25	0	23.35	23.36	23.40	24.00
		1	0	22.94	22.95	22.97	24.00
		1	13	22.82	22.88	22.89	24.00
		1	24	22.79	22.71	22.76	24.00
		12	0	22.36	22.38	22.34	23.00
		12	6	22.39	22.45	22.40	23.00
		12	13	22.44	22.44	22.50	23.00
	64QAM	25	0	22.40	22.37	22.45	23.00
		1	0	22.87	22.80	22.78	23.00
		1	13	22.77	22.76	22.68	23.00
		1	24	22.68	22.59	22.55	23.00
		12	0	21.90	21.98	21.95	22.00
		12	6	21.82	21.86	21.90	22.00
		12	13	21.74	21.83	21.84	22.00
10MHz	QPSK	25	0	21.88	21.85	21.78	22.00
		1	0	/	20525	/	25.00
		1	25	/	24.33	/	25.00
		1	49	/	24.51	/	25.00
		25	0	/	24.32	/	25.00
		25	13	/	23.26	/	24.00
		25	25	/	23.38	/	24.00
	16QAM	50	0	/	23.29	/	24.00
		1	0	/	23.39	/	24.00
		1	25	/	23.02	/	24.00
		1	49	/	22.98	/	24.00
		25	0	/	22.62	/	24.00
		25	13	/	22.33	/	23.00
		25	25	/	22.38	/	23.00
	64QAM	50	0	/	22.37	/	23.00
		1	0	/	22.35	/	23.00
		1	25	/	22.81	/	23.00
		1	49	/	22.85	/	23.00
		25	0	/	22.57	/	23.00
		25	13	/	21.94	/	22.00
		25	25	/	21.85	/	22.00
		25	0	/	21.90	/	22.00
		50	0	/	21.88	/	22.00
		1	0	/	21.85	/	22.00
		1	7	/	21.81	/	22.00
		1	14	/	21.61	/	22.00
		8	0	/	21.83	/	22.00
		8	4	/	21.90	/	22.00
		8	7	/	21.84	/	22.00
		15	0	/	21.85	/	22.00
		1	0	/	22.78	/	23.00
		1	7	/	22.77	/	23.00
		1	14	/	22.61	/	23.00
		8	0	/	21.83	/	22.00
		8	4	/	21.90	/	22.00
		8	7	/	21.84	/	22.00
		15	0	/	21.85	/	22.00
		1	0	/	24.23	/	25.00
		1	13	/	24.50	/	25.00
		1	24	/	24.28	/	25.00
		12	0	/	23.22	/	24.00
		12	6	/	23.54	/	24.00
		12	13	/	23.37	/	24.00
		25	0	/	23.35	/	24.00
		1	0	/	22.94	/	24.00
		1	13	/	22.82	/	24.00
		1	24	/	22.79	/	24.00
		12	0	/	22.36	/	23.00
		12	6	/	22.39	/	23.00
		12	13	/	22.44	/	23.00
		25	0	/	22.40	/	23.00
		1	0	/	22.87	/	23.00
		1	13	/	22.77	/	23.00
		1	24	/	22.68	/	23.00
		12	0	/	21.90	/	22.00
		12	6	/	21.82	/	22.00
		12	13	/	21.74	/	22.00
		25	0	/	21.88	/	22.00
		1	0	/	22.81	/	23.00
		1	25	/	22.85	/	23.00
		1	49	/	22.57	/	23.00
		25	0	/	21.94	/	22.00
		25	13	/	21.85	/	22.00
		25	25	/	21.90	/	22.00
		50	0	/	21.88	/	22.00



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LTE FDD Band 13 DSI 1/3/5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
5MHz	QPSK	1	0	/	24.42	/	25.00
		1	13	/	24.23	/	25.00
		1	24	/	24.18	/	25.00
		12	0	/	23.22	/	24.00
		12	6	/	23.25	/	24.00
		12	13	/	23.04	/	24.00
		25	0	/	23.15	/	24.00
	16QAM	1	0	/	22.81	/	24.00
		1	13	/	22.94	/	24.00
		1	24	/	22.76	/	24.00
		12	0	/	21.94	/	23.00
		12	6	/	21.97	/	23.00
		12	13	/	22.23	/	23.00
		25	0	/	22.22	/	23.00
	64QAM	1	0	/	22.67	/	23.00
		1	13	/	22.93	/	23.00
		1	24	/	21.96	/	23.00
		12	0	/	21.73	/	22.00
		12	6	/	21.93	/	22.00
		12	13	/	21.72	/	22.00
		25	0	/	21.79	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
10MHz	QPSK	1	0	/	24.37	/	25.00
		1	25	/	24.15	/	25.00
		1	49	/	24.16	/	25.00
		25	0	/	23.21	/	24.00
		25	13	/	23.21	/	24.00
		25	25	/	23	/	24.00
		50	0	/	23.2	/	24.00
	16QAM	1	0	/	22.73	/	24.00
		1	25	/	22.85	/	24.00
		1	49	/	22.82	/	24.00
		25	0	/	22.03	/	23.00
		25	13	/	21.96	/	23.00
		25	25	/	22.14	/	23.00
		50	0	/	22.25	/	23.00
	64QAM	1	0	/	22.66	/	23.00
		1	25	/	22.86	/	23.00
		1	49	/	22.06	/	23.00
		25	0	/	21.82	/	22.00
		25	13	/	21.93	/	22.00
		25	25	/	21.74	/	22.00
		50	0	/	21.85	/	22.00



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LTE Band 26 DSI 1/3/5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.99	23.98	23.96	25.00
		1	2	24.09	24.07	24.15	25.00
		1	5	24.14	24.07	24.11	25.00
		3	0	24.09	24.05	24.08	25.00
		3	2	24.01	24.11	24.21	25.00
		3	3	24.01	24.08	24.18	25.00
	16QAM	6	0	22.96	22.94	22.94	24.00
		1	0	22.70	22.75	22.76	24.00
		1	2	22.48	22.46	22.39	24.00
		1	5	22.03	22.01	22.05	24.00
		3	0	22.70	22.77	22.84	24.00
		3	2	23.00	23.08	23.04	24.00
	64QAM	3	3	22.91	22.85	22.77	24.00
		6	0	21.96	22.03	22.11	23.00
		1	0	22.44	22.42	22.33	23.00
		1	2	22.75	22.69	22.76	23.00
		1	5	22.16	22.23	22.19	23.00
		3	0	22.94	22.90	22.96	23.00
3MHz	QPSK	3	2	22.95	22.90	22.98	23.00
		3	3	22.76	22.85	22.87	23.00
		6	0	21.17	21.07	21.13	22.00
		1	0	23.86	23.92	23.97	25.00
		1	7	24.06	24.08	24.02	25.00
		1	14	24.04	24.00	24.01	25.00
16QAM	8	0	23.22	23.12	23.03	24.00	
	8	4	23.11	23.07	22.98	24.00	
	8	7	22.91	22.98	23.00	24.00	
	15	0	22.95	22.96	22.92	24.00	
	1	0	22.82	22.77	22.70	24.00	
	1	7	22.59	22.55	22.49	24.00	
64QAM	1	14	22.11	22.04	22.08	24.00	
	8	0	21.78	21.82	21.91	23.00	
	8	4	22.17	22.07	22.06	23.00	
	8	7	21.82	21.92	21.97	23.00	
	15	0	21.91	21.97	22.07	23.00	
	1	0	22.31	22.35	22.28	23.00	
5MHz	QPSK	1	7	22.60	22.70	22.65	23.00
		1	14	22.27	22.24	22.32	23.00
		8	0	21.96	21.92	21.90	22.00
		8	4	21.89	21.84	21.86	22.00
		8	7	21.89	21.94	21.91	22.00
		15	0	21.08	21.07	21.06	22.00
16QAM	1	0	22.78	22.77	22.85	24.00	
	1	13	22.48	22.57	22.67	24.00	



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		1	24	22.04	22.12	22.05	24.00	
		12	0	21.89	21.84	21.88	23.00	
		12	6	22.13	22.06	22.06	23.00	
		12	13	21.91	21.89	21.99	23.00	
		25	0	21.97	21.99	22.08	23.00	
	64QAM	1	0	22.35	22.36	22.46	23.00	
		1	13	22.63	22.63	22.54	23.00	
		1	24	22.27	22.33	22.26	23.00	
		12	0	21.94	21.95	21.92	22.00	
		12	6	21.82	21.92	21.91	22.00	
	12	13	21.96	21.93	21.96	22.00		
	25	0	21.01	20.97	20.90	22.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
26740					26865	26990		
10MHz	QPSK	1	0	23.93	23.98	24.03	25.00	
		1	25	24.10	24.16	24.10	25.00	
		1	49	24.17	24.07	24.07	25.00	
		25	0	22.98	23.00	23.02	24.00	
		25	13	23.10	23.02	22.99	24.00	
		25	25	22.92	23.00	23.01	24.00	
		50	0	23.01	22.91	22.89	24.00	
		16QAM	1	0	22.60	22.67	22.76	24.00
			1	25	22.58	22.63	22.71	24.00
			1	49	22.20	22.17	22.25	24.00
			25	0	21.80	21.82	21.73	23.00
			25	13	21.91	21.97	22.02	23.00
	25		25	21.99	21.99	22.03	23.00	
	64QAM	50	0	22.14	22.09	22.06	23.00	
		1	0	22.26	22.31	22.36	23.00	
		1	25	22.77	22.69	22.72	23.00	
		1	49	22.34	22.43	22.39	23.00	
		25	0	21.95	21.91	21.96	22.00	
		25	13	21.92	21.98	21.91	22.00	
		25	25	21.98	21.95	21.91	22.00	
50		0	21.06	21.07	20.97	22.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26765	26865	26965		
15MHz	QPSK	1	0	23.57	23.99	24.12	25.00	
		1	38	23.87	23.80	24.02	25.00	
		1	74	23.72	24.06	23.69	25.00	
		36	0	22.75	22.93	23.02	24.00	
		36	18	22.85	22.97	22.92	24.00	
		36	39	22.71	22.94	22.81	24.00	
		75	0	22.73	23.00	22.88	24.00	
		16QAM	1	0	22.58	22.67	22.57	24.00
			1	38	22.60	22.69	22.74	24.00
			1	74	21.98	22.19	22.66	24.00
			36	0	21.56	21.92	22.00	23.00
			36	18	21.88	21.97	21.98	23.00
	36		39	21.78	21.91	21.82	23.00	
	64QAM	75	0	21.91	22.10	21.98	23.00	
		1	0	22.31	22.27	22.35	23.00	
		1	38	22.56	22.69	22.67	23.00	
		1	74	22.20	22.37	21.41	23.00	
		36	0	21.76	21.92	21.97	22.00	
		36	18	21.94	21.98	21.95	22.00	
		36	39	21.76	21.90	21.89	22.00	
75		0	21.78	21.99	21.89	23.00		

1.3 Conducted Power of Legacy (Ant2)

GSM 1900 DSI 1										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	28.23	28.21	28.21	28.50	-9.19	19.04	19.02	19.02	19.31
GPRS (GMSK)	1 TX Slot	28.18	28.28	28.30	28.50	-9.19	18.99	19.09	19.11	19.31
	2 TX Slots	24.23	24.36	24.56	25.50	-6.18	18.05	18.18	18.38	19.32
	3 TX Slots	22.99	23.10	23.28	23.70	-4.42	18.57	18.68	18.86	19.28
	4 TX Slots	21.85	21.81	21.94	22.50	-3.17	18.68	18.64	18.77	19.33
EGPRS (GMSK)	1 TX Slot	28.25	28.24	28.40	28.50	-9.19	19.06	19.05	19.21	19.31
	2 TX Slots	24.21	24.29	24.64	25.50	-6.18	18.03	18.11	18.46	19.32
	3 TX Slots	22.92	23.18	23.32	23.70	-4.42	18.50	18.76	18.90	19.28
	4 TX Slots	21.81	21.72	21.86	22.50	-3.17	18.64	18.55	18.69	19.33
EGPRS (8PSK)	1 TX Slot	24.70	25.10	24.85	25.30	-9.19	15.51	15.91	15.66	16.11
	2 TX Slots	20.88	21.11	20.95	22.30	-6.18	14.70	14.93	14.77	16.12
	3 TX Slots	19.75	19.88	19.95	20.50	-4.42	15.33	15.46	15.53	16.08
	4 TX Slots	18.85	18.65	18.95	19.30	-3.17	15.68	15.48	15.78	16.13

GSM 1900 DSI 3										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.19	29.53	29.49	30.00	-9.19	20.00	20.34	20.30	20.81
GPRS (GMSK)	1 TX Slot	29.17	29.44	29.18	30.00	-9.19	19.98	20.25	19.99	20.81
	2 TX Slots	26.15	26.11	26.22	27.00	-6.18	19.97	19.93	20.04	20.82
	3 TX Slots	25.17	24.95	25.10	25.20	-4.42	20.75	20.53	20.68	20.78
	4 TX Slots	23.74	23.75	23.82	24.00	-3.17	20.57	20.58	20.65	20.83
EGPRS (GMSK)	1 TX Slot	29.14	29.39	29.15	30.00	-9.19	19.95	20.20	19.96	20.81
	2 TX Slots	26.14	26.10	26.30	27.00	-6.18	19.96	19.92	20.12	20.82
	3 TX Slots	25.16	24.92	25.01	25.20	-4.42	20.74	20.50	20.59	20.78
	4 TX Slots	23.67	23.75	23.71	24.00	-3.17	20.50	20.58	20.54	20.83
EGPRS (8PSK)	1 TX Slot	25.11	25.15	25.05	26.10	-9.19	15.92	15.96	15.86	16.91
	2 TX Slots	24.65	24.72	24.65	25.10	-6.18	18.47	18.54	18.47	18.92
	3 TX Slots	20.45	20.22	20.30	21.30	-4.42	16.03	15.80	15.88	16.88
	4 TX Slots	19.85	20.05	19.92	20.10	-3.17	16.68	16.88	16.75	16.93



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GSM 1900 DSI 5/6										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	27.24	27.31	27.48	27.50	-9.19	18.05	18.12	18.29	18.31
GPRS (GMSK)	1 TX Slot	27.23	27.30	27.38	27.50	-9.19	18.04	18.11	18.19	18.31
	2 TX Slots	24.21	24.24	24.38	24.50	-6.18	18.03	18.06	18.20	18.32
	3 TX Slots	22.74	22.86	22.87	23.00	-4.42	18.32	18.44	18.45	18.58
	4 TX Slots	21.43	21.28	21.50	21.80	-3.17	18.26	18.11	18.33	18.63
EGPRS (GMSK)	1 TX Slot	27.21	27.26	27.37	27.50	-9.19	18.02	18.07	18.18	18.31
	2 TX Slots	24.22	24.20	24.48	24.50	-6.18	18.04	18.02	18.30	18.32
	3 TX Slots	22.69	22.81	22.87	23.00	-4.42	18.27	18.39	18.45	18.58
	4 TX Slots	21.34	21.28	21.42	21.80	-3.17	18.17	18.11	18.25	18.63
EGPRS (8PSK)	1 TX Slot	24.22	24.25	24.12	24.60	-9.19	15.03	15.06	14.93	15.41
	2 TX Slots	20.15	20.42	20.62	21.60	-6.18	13.97	14.24	14.44	15.42
	3 TX Slots	18.92	19.05	19.15	19.80	-4.42	14.50	14.63	14.73	15.38
	4 TX Slots	18.05	18.30	18.21	18.60	-3.17	14.88	15.13	15.04	15.43

GSM 1900 DSI 7										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	26.20	26.24	26.46	26.50	-9.19	17.01	17.05	17.27	17.31
GPRS (GMSK)	1 TX Slot	26.14	26.26	26.44	26.50	-9.19	16.95	17.07	17.25	17.31
	2 TX Slots	23.04	23.27	23.47	23.50	-6.18	16.86	17.09	17.29	17.32
	3 TX Slots	21.65	21.78	22.07	22.20	-4.42	17.23	17.36	17.65	17.78
	4 TX Slots	20.44	20.54	20.78	21.00	-3.17	17.27	17.37	17.61	17.83
EGPRS (GMSK)	1 TX Slot	26.22	26.25	26.34	26.50	-9.19	17.03	17.06	17.15	17.31
	2 TX Slots	23.07	23.34	23.48	23.50	-6.18	16.89	17.16	17.30	17.32
	3 TX Slots	21.68	21.81	22.03	22.20	-4.42	17.26	17.39	17.61	17.78
	4 TX Slots	20.36	20.60	20.83	21.00	-3.17	17.19	17.43	17.66	17.83
EGPRS (8PSK)	1 TX Slot	23.70	23.84	24.11	24.50	-9.19	14.51	14.65	14.92	15.31
	2 TX Slots	20.45	20.62	20.70	21.50	-6.18	14.27	14.44	14.52	15.32
	3 TX Slots	17.75	17.88	18.10	19.70	-4.42	13.33	13.46	13.68	15.28
	4 TX Slots	17.42	17.12	17.50	18.50	-3.17	14.25	13.95	14.33	15.33



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WCDMA Band II DSI 1/5/6/7					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	17.3	17.51	17.41	18.30
	12.2kbps AMR	17.39	17.45	17.32	18.30
HSDPA	Subtest 1	16.17	16.23	16.27	17.30
	Subtest 2	16.08	16.27	16.31	17.30
	Subtest 3	15.69	15.87	15.80	16.80
	Subtest 4	15.70	15.87	15.81	16.80
HSUPA	Subtest 1	16.18	16.24	16.12	17.30
	Subtest 2	14.17	14.73	14.21	15.30
	Subtest 3	15.26	15.24	15.33	16.30
	Subtest 4	14.20	14.21	14.29	15.30
DC-HSDPA	Subtest 1	16.21	16.19	16.16	17.30
	Subtest 2	16.27	16.17	16.35	17.30
	Subtest 3	16.11	16.28	16.27	17.30
	Subtest 4	15.77	15.89	15.73	16.80
	Subtest 4	15.62	15.79	15.82	16.80

WCDMA Band II DSI 3					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.76	19.83	19.78	20.80
	12.2kbps AMR	19.68	19.86	19.88	20.80
HSDPA	Subtest 1	18.73	18.82	18.80	19.80
	Subtest 2	18.81	18.88	18.87	19.80
	Subtest 3	18.30	18.37	18.35	19.30
	Subtest 4	18.31	18.38	18.36	19.30
HSUPA	Subtest 1	18.78	18.76	18.79	19.80
	Subtest 2	16.69	16.78	16.84	17.80
	Subtest 3	17.86	17.82	17.88	18.80
	Subtest 4	16.77	16.88	16.81	17.80
DC-HSDPA	Subtest 5	18.74	18.81	18.82	19.80
	Subtest 1	18.74	18.75	18.84	19.80
	Subtest 2	18.87	18.97	18.91	19.80
	Subtest 3	18.33	18.27	18.25	19.30
	Subtest 4	18.36	18.42	18.46	19.30

WCDMA Band IV DSI 1/5/7					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	17.78	17.89	17.92	18.80
	12.2kbps AMR	17.69	17.86	17.92	18.80
HSDPA	Subtest 1	16.62	16.64	16.79	17.80
	Subtest 2	16.70	16.75	16.88	17.80
	Subtest 3	16.15	16.34	16.36	17.30
	Subtest 4	16.15	16.34	16.37	17.30
HSUPA	Subtest 1	16.66	16.74	16.87	17.80
	Subtest 2	14.64	14.59	14.75	15.80
	Subtest 3	15.72	15.78	15.83	16.80
	Subtest 4	14.60	14.67	14.73	15.80
DC-HSDPA	Subtest 5	16.60	16.71	16.79	17.80
	Subtest 1	16.61	16.66	16.82	17.80
	Subtest 2	16.64	16.67	16.85	17.80
	Subtest 3	16.13	16.38	16.42	17.30
	Subtest 4	16.07	16.40	16.37	17.30



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WCDMA Band IV DSI 3					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.87	20.85	20.94	21.80
	12.2kbps AMR	20.88	20.84	21	21.80
HSDPA	Subtest 1	19.67	19.78	19.80	20.80
	Subtest 2	19.63	19.89	19.91	20.80
	Subtest 3	19.21	19.36	19.38	20.30
	Subtest 4	19.20	19.37	19.40	20.30
HSUPA	Subtest 1	19.74	19.78	19.84	20.80
	Subtest 2	17.79	17.77	17.91	18.80
	Subtest 3	18.78	18.83	18.89	19.80
	Subtest 4	17.74	17.73	17.87	18.80
DC-HSDPA	Subtest 5	19.69	19.75	19.78	20.80
	Subtest 1	19.67	19.73	19.84	20.80
	Subtest 2	19.55	19.97	19.88	20.80
	Subtest 3	19.17	19.32	19.28	20.30
	Subtest 4	19.16	19.29	19.45	20.30

WCDMA Band IV DSI 6					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.22	18.43	18.37	19.30
	12.2kbps AMR	18.15	18.49	18.33	19.30
HSDPA	Subtest 1	17.20	17.30	17.38	18.30
	Subtest 2	17.27	17.34	17.40	18.30
	Subtest 3	16.72	16.93	16.87	17.80
	Subtest 4	16.72	16.93	16.99	17.80
HSUPA	Subtest 1	17.37	17.29	17.36	18.30
	Subtest 2	15.23	15.24	15.33	16.30
	Subtest 3	16.28	16.33	16.42	17.30
	Subtest 4	15.20	15.32	15.42	16.30
	Subtest 5	17.20	17.26	17.36	18.30
DC-HSDPA	Subtest 1	17.14	17.40	17.43	18.30
	Subtest 2	17.37	17.39	17.48	18.30
	Subtest 3	16.80	16.87	16.86	17.80
	Subtest 4	16.72	16.86	16.90	17.80

LTE Band 2 DS 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	18.32	18.47	18.40	19.80
		1	2	18.57	19.16	18.94	19.80
		1	5	18.49	18.17	18.75	19.80
		3	0	18.42	18.84	18.55	19.80
		3	2	18.69	18.77	19.03	19.80
		3	3	18.38	18.69	18.56	19.80
	16QAM	6	0	18.19	18.56	18.85	19.80
		1	0	18.12	18.33	17.89	19.80
		1	2	18.45	18.25	18.66	19.80
		1	5	17.97	17.87	18.36	19.80
		3	0	18.53	18.96	18.68	19.80
		3	2	18.27	18.65	18.73	19.80
	64QAM	3	3	18.75	18.72	18.94	19.80
		6	0	18.47	18.75	18.68	19.80
		1	0	18.02	17.89	17.84	19.80
		1	2	18.28	18.29	18.63	19.80



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		1	5	17.89	17.84	18.03	19.80
		3	0	18.40	19.13	18.52	19.80
		3	2	18.34	18.75	19.04	19.80
		3	3	18.63	18.39	18.84	19.80
		6	0	18.48	18.85	18.50	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	18.37	18.54	18.42	19.80
		1	7	18.63	19.08	18.89	19.80
		1	14	18.41	18.26	18.69	19.80
		8	0	18.34	18.77	18.57	19.80
		8	4	18.68	18.77	19.04	19.80
		8	7	18.32	18.59	18.52	19.80
		15	0	18.29	18.66	18.85	19.80
	16QAM	1	0	18.14	18.28	18.09	19.80
		1	7	18.53	18.16	18.63	19.80
		1	14	17.99	17.83	18.29	19.80
		8	0	18.47	18.92	18.62	19.80
		8	4	18.35	18.64	18.64	19.80
		8	7	18.69	18.69	18.89	19.80
		15	0	18.46	18.82	18.61	19.80
	64QAM	1	0	18.06	17.97	17.88	19.80
		1	7	18.20	18.22	18.57	19.80
		1	14	17.84	17.88	18.00	19.80
		8	0	18.43	19.05	18.44	19.80
		8	4	18.33	18.68	19.00	19.80
		8	7	18.59	18.43	18.86	19.80
		15	0	18.53	18.85	18.60	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.39	18.56	18.46	19.80
		1	13	18.59	19.02	18.94	19.80
		1	24	18.44	18.26	18.66	19.80
		12	0	18.33	18.84	18.59	19.80
		12	6	18.75	18.84	18.97	19.80
		12	13	18.37	18.54	18.58	19.80
		25	0	18.39	18.71	18.78	19.80
	16QAM	1	0	18.24	18.19	18.13	19.80
		1	13	18.49	18.25	18.66	19.80
		1	24	18.04	18.18	18.19	19.80
		12	0	18.39	18.92	18.59	19.80
		12	6	18.37	18.65	18.71	19.80
		12	13	18.68	18.68	18.83	19.80
		25	0	18.54	18.72	18.57	19.80
	64QAM	1	0	17.96	18.01	17.88	19.80
		1	13	18.26	18.31	18.56	19.80
		1	24	17.90	17.88	18.04	19.80
		12	0	18.44	19.06	18.47	19.80
		12	6	18.41	18.68	19.06	19.80
		12	13	18.53	18.44	18.93	19.80
		25	0	18.51	18.78	18.52	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.37	18.47	18.48	19.80
		1	25	18.62	19.08	18.98	19.80
		1	49	18.45	18.35	18.75	19.80
		25	0	18.43	18.81	18.65	19.80
		25	13	18.71	18.77	18.89	19.80
		25	25	18.39	18.49	18.55	19.80
		50	0	18.36	18.81	18.69	19.80
	16QAM	1	0	18.14	18.25	18.22	19.80



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		1	25	18.46	18.15	18.71	19.80
		1	49	18.00	18.16	18.17	19.80
		25	0	18.35	18.82	18.55	19.80
		25	13	18.30	18.75	18.68	19.80
		25	25	18.67	18.65	18.76	19.80
		50	0	18.57	18.76	18.50	19.80
	64QAM	1	0	17.93	18.05	17.85	19.80
		1	25	18.35	18.36	18.49	19.80
		1	49	17.86	17.84	17.95	19.80
		25	0	18.43	19.00	18.47	19.80
		25	13	18.38	18.58	18.97	19.80
		25	25	18.57	18.44	18.92	19.80
		50	0	18.50	18.85	18.50	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	18.46	18.55	18.50	19.80
		1	38	18.69	19.05	19.04	19.80
		1	74	18.51	18.37	18.73	19.80
		36	0	18.41	18.71	18.65	19.80
		36	18	18.61	18.70	18.82	19.80
		36	39	18.47	18.51	18.62	19.80
		75	0	18.43	18.75	18.60	19.80
	16QAM	1	0	18.07	18.21	18.19	19.80
		1	38	18.51	18.25	18.61	19.80
		1	74	18.09	18.06	18.10	19.80
		36	0	18.36	18.77	18.52	19.80
		36	18	18.38	18.79	18.78	19.80
		36	39	18.61	18.55	18.72	19.80
		75	0	18.63	18.66	18.50	19.80
	64QAM	1	0	18.02	18.04	17.84	19.80
		1	38	18.26	18.45	18.58	19.80
		1	74	17.96	17.89	17.97	19.80
		36	0	18.50	18.91	18.52	19.80
		36	18	18.44	18.64	18.87	19.80
		36	39	18.64	18.54	18.85	19.80
		75	0	18.56	18.75	18.48	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	18.78	18.90	18.76	19.80
		1	50	18.69	18.69	18.75	19.80
		1	99	18.47	18.40	18.73	19.80
		50	0	18.54	18.79	18.72	19.80
		50	25	18.49	18.67	18.57	19.80
		50	50	18.48	18.54	18.70	19.80
		100	0	18.49	18.69	18.61	19.80
	16QAM	1	0	18.17	18.19	18.11	19.80
		1	50	18.55	18.24	18.67	19.80
		1	99	18.10	18.01	18.05	19.80
		50	0	18.46	18.79	18.46	19.80
		50	25	18.39	18.79	18.72	19.80
		50	50	18.55	18.65	18.74	19.80
		100	0	18.56	18.76	18.58	19.80
	64QAM	1	0	18.06	17.99	17.84	19.80
		1	50	18.22	18.55	18.59	19.80
		1	99	18.05	17.86	18.03	19.80
		50	0	18.58	18.88	18.55	19.80
		50	25	18.52	18.63	18.80	19.80
		50	50	18.66	18.52	18.82	19.80
		100	0	18.46	18.76	18.48	19.80



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LTE Band 2 DSI 3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	20.01	20.44	20.14	21.40	
		1	2	20.71	20.74	20.73	21.40	
		1	5	20.11	20.09	20.25	21.40	
		3	0	20.20	20.28	20.33	21.40	
		3	2	20.43	20.47	20.61	21.40	
		3	3	20.40	19.93	20.12	21.40	
	16QAM	6	0	20.06	20.46	20.04	21.40	
		1	0	19.62	19.75	19.59	21.40	
		1	2	20.15	20.13	20.25	21.40	
		1	5	19.42	19.82	19.77	21.40	
		3	0	20.10	20.03	20.35	21.40	
		3	2	20.22	20.34	20.03	21.40	
	64QAM	3	3	20.33	20.01	20.21	21.40	
		6	0	20.17	20.57	19.98	21.40	
		1	0	20.00	20.04	19.94	21.40	
		1	2	20.74	20.66	20.46	21.40	
		1	5	19.92	19.57	19.94	21.40	
		3	0	19.92	20.03	20.32	21.40	
		3	2	20.06	20.38	20.32	21.40	
		3	3	20.18	20.21	20.18	21.40	
		6	0	20.36	20.31	20.27	21.40	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18615	18900	19185	
3MHz	QPSK	1	0	20.10	20.37	20.22	21.40	
		1	7	20.61	20.75	20.83	21.40	
		1	14	20.10	20.10	20.16	21.40	
		8	0	20.28	20.29	20.25	21.40	
		8	4	20.34	20.41	20.53	21.40	
		8	7	20.31	20.02	20.18	21.40	
	16QAM	15	0	20.13	20.36	20.07	21.40	
		1	0	19.63	19.83	19.67	21.40	
		1	7	20.12	20.21	20.32	21.40	
		1	14	19.49	19.83	19.82	21.40	
		8	0	20.02	20.11	20.29	21.40	
		8	4	20.16	20.33	19.98	21.40	
	64QAM	8	7	20.25	19.99	20.24	21.40	
		15	0	20.13	20.59	19.97	21.40	
		1	0	19.94	20.03	19.97	21.40	
		1	7	20.66	20.70	20.45	21.40	
		1	14	19.85	19.58	20.04	21.40	
		8	0	19.97	20.13	20.30	21.40	
		8	4	20.07	20.32	20.40	21.40	
		8	7	20.12	20.30	20.11	21.40	
		15	0	20.40	20.36	20.29	21.40	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18625	18900	19175	
5MHz	QPSK	1	0	20.00	20.31	20.21	21.40	
		1	13	20.54	20.83	20.87	21.40	
		1	24	20.00	20.02	20.26	21.40	
		12	0	20.25	20.37	20.31	21.40	
		12	6	20.34	20.38	20.51	21.40	
		12	13	20.31	20.05	20.16	21.40	
	16QAM	25	0	20.18	20.41	20.03	21.40	
		1	0	19.63	19.77	19.65	21.40	
		1	13	20.05	20.14	20.24	21.40	
	1	24	19.49	19.82	19.88	21.40		



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		12	0	20.03	20.21	20.29	21.40
		12	6	20.08	20.25	20.08	21.40
		12	13	20.18	20.04	20.21	21.40
		25	0	20.21	20.63	20.01	21.40
	64QAM	1	0	20.04	20.00	19.93	21.40
		1	13	20.63	20.66	20.48	21.40
		1	24	19.91	19.64	20.03	21.40
		12	0	20.03	20.19	20.37	21.40
		12	6	20.08	20.32	20.49	21.40
		12	13	20.18	20.28	20.16	21.40
		25	0	20.34	20.46	20.25	21.40
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	20.10	20.27	20.18	21.40
		1	25	20.57	20.76	20.81	21.40
		1	49	20.05	19.94	20.35	21.40
		25	0	20.17	20.30	20.22	21.40
		25	13	20.41	20.30	20.45	21.40
		25	25	20.22	20.15	20.24	21.40
	16QAM	50	0	20.24	20.36	20.12	21.40
		1	0	19.71	19.78	19.72	21.40
		1	25	19.99	20.18	20.28	21.40
		1	49	19.56	19.82	19.78	21.40
		25	0	20.01	20.26	20.25	21.40
		25	13	20.13	20.24	20.12	21.40
		25	25	20.11	20.11	20.29	21.40
		50	0	20.20	20.57	20.03	21.40
	64QAM	1	0	20.02	20.06	19.98	21.40
		1	25	20.55	20.66	20.57	21.40
		1	49	19.99	19.73	20.06	21.40
		25	0	20.03	20.17	20.30	21.40
		25	13	20.07	20.31	20.48	21.40
		25	25	20.13	20.30	20.15	21.40
		50	0	20.25	20.47	20.30	21.40
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	20.17	20.20	20.17	21.40
		1	38	20.51	20.82	20.72	21.40
		1	74	20.09	19.88	20.28	21.40
		36	0	20.08	20.32	20.12	21.40
		36	18	20.34	20.32	20.37	21.40
		36	39	20.13	20.19	20.31	21.40
	16QAM	75	0	20.18	20.37	20.11	21.40
		1	0	19.63	19.76	19.69	21.40
		1	38	19.89	20.24	20.30	21.40
		1	74	19.50	19.76	19.77	21.40
		36	0	20.09	20.35	20.16	21.40
		36	18	20.18	20.25	20.21	21.40
	64QAM	36	39	20.12	20.14	20.32	21.40
		75	0	20.22	20.54	20.11	21.40
		1	0	20.02	20.02	20.06	21.40
		1	38	20.56	20.76	20.57	21.40
		1	74	19.91	19.74	20.08	21.40
		36	0	20.11	20.16	20.25	21.40
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	20.37	20.65	20.36	21.40
		1	50	20.46	20.55	20.49	21.40



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		1	99	20.19	19.94	20.22	21.40
		50	0	20.11	20.38	20.16	21.40
		50	25	20.26	20.28	20.32	21.40
		50	50	20.09	20.18	20.33	21.40
		100	0	20.10	20.35	20.20	21.40
	16QAM	1	0	19.70	19.78	19.69	21.40
		1	50	19.99	20.21	20.27	21.40
		1	99	19.58	19.67	19.71	21.40
		50	0	20.02	20.37	20.18	21.40
		50	25	20.21	20.27	20.30	21.40
		50	50	20.12	20.22	20.33	21.40
		100	0	20.21	20.45	20.20	21.40
	64QAM	1	0	20.11	20.09	20.01	21.40
		1	50	20.49	20.68	20.61	21.40
		1	99	19.85	19.65	20.13	21.40
		50	0	20.08	20.25	20.15	21.40
		50	25	20.16	20.30	20.30	21.40
		50	50	20.08	20.27	20.30	21.40
		100	0	20.17	20.49	20.35	21.40

LTE Band 2 DSI 5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	17.54	17.52	17.65	18.90
		1	2	18.21	18.47	18.61	18.90
		1	5	17.48	17.65	17.94	18.90
		3	0	17.62	17.93	18.03	18.90
		3	2	17.63	18.01	17.70	18.90
		3	3	17.52	17.67	18.16	18.90
	16QAM	6	0	17.29	17.74	17.74	18.90
		1	0	17.26	17.27	17.21	18.90
		1	2	17.72	17.66	17.93	18.90
		1	5	17.17	16.92	17.34	18.90
		3	0	17.68	17.92	17.51	18.90
		3	2	17.68	17.99	18.03	18.90
	64QAM	3	3	17.65	17.80	17.78	18.90
		6	0	17.59	17.62	17.63	18.90
		1	0	17.49	17.41	17.26	18.90
		1	2	18.40	18.20	18.25	18.90
		1	5	17.71	17.34	17.45	18.90
		3	0	17.46	17.93	17.81	18.90
		3	2	17.77	17.90	17.70	18.90
		3	3	17.71	17.82	17.75	18.90
		6	0	17.65	17.94	17.79	18.90
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	17.45	17.61	17.75	18.90
		1	7	18.20	18.48	18.51	18.90
		1	14	17.53	17.69	17.85	18.90
		8	0	17.55	17.98	18.03	18.90
		8	4	17.60	18.03	17.79	18.90
		8	7	17.49	17.70	18.07	18.90
		15	0	17.27	17.65	17.73	18.90
	16QAM	1	0	17.18	17.17	17.28	18.90
		1	7	17.73	17.74	17.87	18.90
		1	14	17.27	17.26	17.32	18.90
		8	0	17.74	17.94	17.60	18.90
		8	4	17.70	17.92	18.06	18.90
		8	7	17.63	17.77	17.81	18.90



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	64QAM	15	0	17.69	17.65	17.57	18.90
		1	0	17.39	17.44	17.33	18.90
		1	7	18.39	18.18	18.23	18.90
		1	14	17.67	17.29	17.52	18.90
		8	0	17.39	17.95	17.91	18.90
		8	4	17.70	17.97	17.74	18.90
		8	7	17.74	17.92	17.72	18.90
		15	0	17.63	17.90	17.78	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	17.48	17.62	17.65	18.90
		1	13	18.11	18.41	18.44	18.90
		1	24	17.63	17.61	17.85	18.90
		12	0	17.58	18.08	17.97	18.90
		12	6	17.62	17.94	17.88	18.90
		12	13	17.56	17.78	18.02	18.90
		25	0	17.37	17.69	17.74	18.90
	16QAM	1	0	16.98	17.27	17.21	18.90
		1	13	17.71	17.78	17.89	18.90
		1	24	17.23	17.25	17.39	18.90
		12	0	17.66	17.96	17.54	18.90
		12	6	17.76	17.99	17.96	18.90
		12	13	17.62	17.70	17.72	18.90
		25	0	17.67	17.63	17.48	18.90
	64QAM	1	0	17.48	17.53	17.37	18.90
		1	13	18.39	18.14	18.29	18.90
		1	24	17.57	17.29	17.47	18.90
		12	0	17.44	17.95	17.82	18.90
		12	6	17.68	17.90	17.77	18.90
		12	13	17.81	17.85	17.72	18.90
		25	0	17.71	17.89	17.84	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	17.38	17.65	17.65	18.90
		1	25	18.16	18.40	18.37	18.90
		1	49	17.69	17.62	17.89	18.90
		25	0	17.68	18.02	17.87	18.90
		25	13	17.72	17.88	17.81	18.90
		25	25	17.65	17.79	17.99	18.90
		50	0	17.47	17.70	17.83	18.90
	16QAM	1	0	17.04	17.28	17.19	18.90
		1	25	17.65	17.77	17.90	18.90
		1	49	17.29	17.36	17.45	18.90
		25	0	17.56	17.95	17.49	18.90
		25	13	17.72	17.92	17.97	18.90
		25	25	17.70	17.75	17.68	18.90
		50	0	17.74	17.68	17.54	18.90
	64QAM	1	0	17.50	17.53	17.40	18.90
		1	25	18.35	18.12	18.20	18.90
		1	49	17.47	17.33	17.51	18.90
		25	0	17.34	17.90	17.75	18.90
		25	13	17.68	17.93	17.73	18.90
		25	25	17.81	17.81	17.76	18.90
		50	0	17.65	17.97	17.78	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	17.33	17.64	17.67	18.90
		1	38	18.06	18.33	18.28	18.90
		1	74	17.62	17.69	17.79	18.90
		36	0	17.69	17.93	17.85	18.90
		36	18	17.65	17.82	17.71	18.90



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	16QAM	36	39	17.73	17.82	17.92	18.90
		75	0	17.56	17.73	17.76	18.90
		1	0	16.98	17.19	17.09	18.90
		1	38	17.55	17.83	17.82	18.90
		1	74	17.25	17.25	17.39	18.90
		36	0	17.63	17.97	17.49	18.90
		36	18	17.62	17.89	17.94	18.90
		36	39	17.65	17.72	17.78	18.90
		75	0	17.65	17.65	17.51	18.90
	64QAM	1	0	17.54	17.48	17.31	18.90
		1	38	18.28	18.20	18.22	18.90
		1	74	17.57	17.32	17.44	18.90
		36	0	17.32	17.84	17.67	18.90
		36	18	17.70	18.00	17.78	18.90
		36	39	17.76	17.81	17.72	18.90
		75	0	17.61	17.96	17.69	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	17.58	18.08	17.61	18.90
		1	50	17.93	17.97	18.00	18.90
		1	99	17.58	17.63	17.75	18.90
		50	0	17.70	17.91	17.86	18.90
		50	25	17.67	17.80	17.80	18.90
		50	50	17.63	17.73	17.83	18.90
		100	0	17.61	17.80	17.69	18.90
	16QAM	1	0	16.96	17.25	17.17	18.90
		1	50	17.55	17.82	17.90	18.90
		1	99	17.23	16.95	17.32	18.90
		50	0	17.65	17.87	17.56	18.90
		50	25	17.70	17.84	17.84	18.90
		50	50	17.64	17.70	17.88	18.90
		100	0	17.73	17.72	17.54	18.90
	64QAM	1	0	17.63	17.52	17.41	18.90
		1	50	18.23	18.23	18.15	18.90
		1	99	17.52	17.22	17.49	18.90
		50	0	17.42	17.93	17.62	18.90
		50	25	17.68	17.93	17.77	18.90
		50	50	17.71	17.71	17.82	18.90
		100	0	17.69	17.89	17.74	18.90

LTE Band 4 DSI 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.51	18.47	18.45	19.80
		1	2	18.23	18.29	18.39	19.80
		1	5	18.62	18.56	18.52	19.80
		3	0	18.25	18.24	18.16	19.80
		3	2	18.70	18.60	18.61	19.80
		3	3	18.40	18.44	18.53	19.80
		6	0	18.52	18.56	18.56	19.80
	16QAM	1	0	17.87	17.82	17.88	19.80
		1	2	18.31	18.30	18.20	19.80
		1	5	18.21	18.13	18.08	19.80
		3	0	18.23	18.18	18.28	19.80
		3	2	18.21	18.14	18.18	19.80
		3	3	18.43	18.36	18.38	19.80
		6	0	18.42	18.51	18.48	19.80
	64QAM	1	0	17.91	17.96	17.97	19.80
		1	2	18.86	18.81	18.77	19.80



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		1	5	18.20	18.12	18.02	19.80
		3	0	18.34	18.25	18.26	19.80
		3	2	18.34	18.40	18.46	19.80
		3	3	18.38	18.34	18.32	19.80
		6	0	18.63	18.65	18.66	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	18.47	18.48	18.45	19.80
		1	7	18.35	18.25	18.22	19.80
		1	14	18.66	18.59	18.61	19.80
		8	0	18.20	18.16	18.09	19.80
		8	4	18.51	18.53	18.44	19.80
		8	7	18.42	18.39	18.49	19.80
		15	0	18.56	18.49	18.42	19.80
	16QAM	1	0	17.99	17.90	17.94	19.80
		1	7	18.24	18.27	18.31	19.80
		1	14	17.85	18.17	18.16	19.80
		8	0	18.19	18.22	18.16	19.80
		8	4	18.31	18.22	18.21	19.80
		8	7	18.42	18.34	18.40	19.80
		15	0	18.41	18.49	18.51	19.80
	64QAM	1	0	18.07	18.02	17.93	19.80
		1	7	18.75	18.78	18.75	19.80
		1	14	18.10	18.14	18.09	19.80
		8	0	18.31	18.33	18.25	19.80
		8	4	18.44	18.45	18.47	19.80
		8	7	18.27	18.27	18.21	19.80
		15	0	18.72	18.71	18.73	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.50	18.42	18.45	19.80
		1	13	18.39	18.33	18.35	19.80
		1	24	18.52	18.54	18.56	19.80
		12	0	18.20	18.25	18.30	19.80
		12	6	18.69	18.61	18.68	19.80
		12	13	18.29	18.34	18.43	19.80
		25	0	18.41	18.43	18.53	19.80
	16QAM	1	0	18.01	17.97	17.88	19.80
		1	13	18.19	18.18	18.11	19.80
		1	24	18.16	18.14	18.16	19.80
		12	0	18.29	18.30	18.29	19.80
		12	6	18.32	18.23	18.15	19.80
		12	13	18.24	18.31	18.38	19.80
		25	0	18.51	18.59	18.56	19.80
	64QAM	1	0	18.13	18.12	18.11	19.80
		1	13	18.75	18.74	18.67	19.80
		1	24	18.10	18.04	18.03	19.80
		12	0	18.30	18.35	18.26	19.80
		12	6	18.43	18.40	18.42	19.80
		12	13	18.29	18.22	18.18	19.80
		25	0	18.68	18.62	18.71	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.41	18.32	18.40	19.80
		1	25	18.43	18.40	18.32	19.80
		1	49	18.44	18.48	18.56	19.80
		25	0	18.18	18.24	18.33	19.80
		25	13	18.63	18.63	18.71	19.80
		25	25	18.32	18.34	18.35	19.80
		50	0	18.40	18.43	18.37	19.80
	16QAM	1	0	18.01	17.94	18.04	19.80



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		1	25	18.31	18.22	18.14	19.80
		1	49	18.06	18.07	18.12	19.80
		25	0	18.45	18.39	18.43	19.80
		25	13	18.34	18.32	18.30	19.80
		25	25	18.41	18.35	18.28	19.80
		50	0	18.60	18.52	18.51	19.80
	64QAM	1	0	18.05	18.15	18.13	19.80
		1	25	18.62	18.72	18.74	19.80
		1	49	18.18	18.09	18.04	19.80
		25	0	18.29	18.31	18.22	19.80
		25	13	18.41	18.41	18.46	19.80
		25	25	18.12	18.20	18.10	19.80
		50	0	18.60	18.59	18.67	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.38	18.42	18.43	19.80
		1	38	18.57	18.50	18.42	19.80
		1	74	18.41	18.42	18.38	19.80
		36	0	18.19	18.28	18.23	19.80
		36	18	18.46	18.55	18.56	19.80
		36	39	18.36	18.35	18.32	19.80
		75	0	18.55	18.46	18.43	19.80
	16QAM	1	0	18.05	17.99	17.95	19.80
		1	38	18.23	18.14	18.08	19.80
		1	74	18.00	18.06	18.01	19.80
		36	0	18.38	18.43	18.39	19.80
		36	18	18.35	18.37	18.41	19.80
		36	39	18.39	18.38	18.45	19.80
		75	0	18.44	18.49	18.46	19.80
	64QAM	1	0	18.28	18.21	18.29	19.80
		1	38	18.84	18.76	18.78	19.80
		1	74	18.24	18.19	18.16	19.80
		36	0	18.48	18.38	18.35	19.80
		36	18	18.33	18.42	18.46	19.80
		36	39	18.31	18.25	18.33	19.80
		75	0	18.49	18.52	18.62	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	18.32	/	19.80
		1	50	/	18.60	/	19.80
		1	99	/	18.33	/	19.80
		50	0	/	18.35	/	19.80
		50	25	/	18.45	/	19.80
		50	50	/	18.29	/	19.80
		100	0	/	18.37	/	19.80
	16QAM	1	0	/	17.89	/	19.80
		1	50	/	18.22	/	19.80
		1	99	/	17.88	/	19.80
		50	0	/	18.33	/	19.80
		50	25	/	18.42	/	19.80
		50	50	/	18.43	/	19.80
		100	0	/	18.41	/	19.80
	64QAM	1	0	/	18.13	/	19.80
		1	50	/	18.75	/	19.80
		1	99	/	18.25	/	19.80
		50	0	/	18.44	/	19.80
		50	25	/	18.41	/	19.80
		50	50	/	18.23	/	19.80
		100	0	/	18.44	/	19.80



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LTE Band 4 DSI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.83	20.80	20.81	22.20
		1	2	21.11	21.10	21.19	22.20
		1	5	20.65	20.61	20.67	22.20
		3	0	20.50	20.51	20.51	22.20
		3	2	20.60	20.69	20.72	22.20
		3	3	20.74	20.75	20.80	22.20
		6	0	20.82	20.86	20.93	22.20
	16QAM	1	0	20.33	20.41	20.32	22.20
		1	2	20.91	20.93	21.01	22.20
		1	5	20.29	20.29	20.27	22.20
		3	0	20.51	20.56	20.47	22.20
		3	2	20.80	20.87	20.77	22.20
		3	3	20.56	20.63	20.56	22.20
		6	0	21.01	21.00	21.00	22.20
	64QAM	1	0	20.54	20.47	20.49	22.20
		1	2	20.91	20.93	21.03	22.20
		1	5	20.35	20.27	20.29	22.20
		3	0	20.46	20.53	20.60	22.20
		3	2	20.89	20.91	20.94	22.20
		3	3	20.85	20.81	20.77	22.20
		6	0	20.60	20.52	20.44	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.69	20.70	20.61	22.20
		1	7	21.19	21.11	21.01	22.20
		1	14	20.52	20.58	20.58	22.20
		8	0	20.43	20.51	20.53	22.20
		8	4	20.62	20.69	20.72	22.20
		8	7	20.73	20.70	20.68	22.20
		15	0	20.79	20.89	20.80	22.20
	16QAM	1	0	20.51	20.42	20.34	22.20
		1	7	20.93	20.85	20.79	22.20
		1	14	20.36	20.32	20.24	22.20
		8	0	20.56	20.64	20.68	22.20
		8	4	20.89	20.91	20.87	22.20
		8	7	20.65	20.66	20.71	22.20
		15	0	20.95	20.91	20.90	22.20
	64QAM	1	0	20.43	20.43	20.36	22.20
		1	7	20.96	20.92	20.87	22.20
		1	14	20.22	20.31	20.33	22.20
		8	0	20.35	20.40	20.32	22.00
		8	4	20.73	20.81	20.89	22.00
		8	7	20.55	20.52	20.42	22.00
		15	0	20.61	20.56	20.51	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.68	20.62	20.58	22.20
		1	13	21.00	21.05	21.15	22.20
		1	24	20.64	20.67	20.74	22.20
		12	0	20.50	20.59	20.57	22.20
		12	6	20.58	20.60	20.61	22.20
		12	13	20.62	20.66	20.69	22.20
		25	0	20.88	20.89	20.90	22.20
	16QAM	1	0	20.39	20.43	20.40	22.20
		1	13	20.85	20.82	20.90	22.20
		1	24	20.38	20.31	20.36	22.20



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	64QAM	12	0	20.53	20.59	20.59	22.20
		12	6	20.87	20.89	20.92	22.20
		12	13	20.62	20.61	20.59	22.20
		25	0	20.87	20.82	20.86	22.20
		1	0	20.29	20.39	20.37	22.20
		1	13	21.01	21.02	21.12	22.20
		1	24	20.33	20.26	20.21	22.20
		12	0	20.35	20.35	20.44	22.00
		12	6	20.76	20.77	20.76	22.00
		12	13	20.43	20.51	20.60	22.00
		25	0	20.58	20.51	20.50	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	20.63	20.68	20.77	22.20
		1	25	21.09	21.11	21.21	22.20
		1	49	20.76	20.74	20.73	22.20
		25	0	20.57	20.62	20.65	22.20
		25	13	20.66	20.66	20.75	22.20
		25	25	20.74	20.72	20.65	22.20
	16QAM	50	0	20.90	20.90	20.98	22.20
		1	0	20.38	20.40	20.31	22.20
		1	25	20.84	20.80	20.77	22.20
		1	49	20.34	20.26	20.27	22.20
		25	0	20.62	20.65	20.70	22.20
		25	13	20.93	20.84	20.81	22.20
	64QAM	25	25	20.66	20.66	20.63	22.20
		50	0	20.96	20.90	20.84	22.20
		1	0	20.50	20.40	20.39	22.20
		1	25	21.04	20.97	21.01	22.20
		1	49	20.42	20.36	20.36	22.20
		25	0	20.45	20.40	20.36	22.00
15MHz	QPSK	25	13	20.68	20.71	20.70	22.00
		25	25	20.51	20.44	20.53	22.00
		50	0	20.58	20.58	20.57	22.00
	16QAM						
		1	0	20.83	20.74	20.79	22.20
		1	38	21.19	21.10	21.13	22.20
		1	74	20.91	20.84	20.74	22.20
		36	0	20.76	20.72	20.73	22.20
	64QAM	36	18	20.62	20.72	20.65	22.20
		36	39	20.78	20.80	20.88	22.20
		75	0	20.86	20.90	20.88	22.20
		1	0	20.52	20.43	20.36	22.20
		1	38	20.80	20.76	20.82	22.20
		1	74	20.40	20.35	20.42	22.20
20MHz	QPSK	36	0	20.53	20.61	20.56	22.20
		36	18	20.80	20.79	20.79	22.20
		36	39	20.77	20.76	20.82	22.20
		75	0	20.89	20.87	20.81	22.20
	16QAM						
		1	0	20.43	20.35	20.34	22.20
		1	38	21.08	21.07	21.10	22.20
		1	74	20.34	20.44	20.41	22.20
		36	0	20.46	20.46	20.55	22.00
	64QAM	36	18	20.77	20.71	20.62	22.00
		36	39	20.44	20.52	20.62	22.00
		75	0	20.56	20.60	20.67	22.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 20175	Channel /	Tune up
20MHz	QPSK	1	0	/	20.83	/	22.20
		1	50	/	21.14	/	22.20



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		1	99	/	20.76	/	22.20
		50	0	/	20.78	/	22.20
		50	25	/	20.79	/	22.20
		50	50	/	20.76	/	22.20
		100	0	/	20.81	/	22.20
	16QAM	1	0	/	20.44	/	22.20
		1	50	/	20.80	/	22.20
		1	99	/	20.25	/	22.20
		50	0	/	20.70	/	22.20
		50	25	/	20.89	/	22.20
		50	50	/	20.83	/	22.20
		100	0	/	20.80	/	22.20
	64QAM	1	0	/	20.36	/	22.20
		1	50	/	21.01	/	22.20
		1	99	/	20.45	/	22.20
		50	0	/	20.43	/	22.00
		50	25	/	20.67	/	22.00
		50	50	/	20.58	/	22.00
		100	0	/	20.50	/	22.00

LTE Band 4 DSI 5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	18.17	18.26	18.27	19.70
		1	2	18.74	18.65	18.75	19.70
		1	5	18.17	18.07	18.00	19.70
		3	0	18.39	18.31	18.22	19.70
		3	2	18.41	18.31	18.29	19.70
		3	3	18.23	18.31	18.40	19.70
	16QAM	6	0	18.41	18.37	18.36	19.70
		1	0	17.72	17.76	17.76	19.70
		1	2	18.09	18.10	18.05	19.70
		1	5	17.73	17.81	17.80	19.70
		3	0	18.47	18.56	18.51	19.70
		3	2	18.29	18.21	18.20	19.70
		3	3	18.32	18.30	18.21	19.70
		6	0	18.27	18.28	18.25	19.70
	64QAM	1	0	17.79	17.81	17.81	19.70
		1	2	18.81	18.72	18.67	19.70
		1	5	18.35	18.27	18.19	19.70
		3	0	18.33	18.27	18.18	19.70
		3	2	18.15	18.22	18.25	19.70
		3	3	18.37	18.34	18.36	19.70
		6	0	18.11	18.02	18.00	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	18.37	18.29	18.33	19.70
		1	7	18.61	18.69	18.70	19.70
		1	14	18.12	18.05	17.99	19.70
		8	0	18.23	18.21	18.31	19.70
		8	4	18.28	18.31	18.36	19.70
		8	7	18.29	18.30	18.27	19.70
		15	0	18.37	18.34	18.29	19.70
	16QAM	1	0	17.78	17.70	17.78	19.70
		1	7	17.94	18.00	17.95	19.70
		1	14	17.71	17.75	17.77	19.70
		8	0	18.46	18.46	18.39	19.70
		8	4	18.15	18.18	18.16	19.70
		8	7	18.40	18.34	18.24	19.70



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		15	0	18.27	18.31	18.38	19.70
	64QAM	1	0	17.88	17.86	17.82	19.70
		1	7	18.74	18.68	18.65	19.70
		1	14	18.25	18.17	18.20	19.70
		8	0	18.31	18.35	18.33	19.70
		8	4	18.12	18.19	18.16	19.70
		8	7	18.49	18.39	18.33	19.70
		15	0	18.16	18.11	18.07	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.47	18.38	18.45	19.70
		1	13	18.75	18.65	18.63	19.70
		1	24	18.21	18.11	18.19	19.70
		12	0	18.12	18.19	18.24	19.70
		12	6	18.26	18.35	18.40	19.70
		12	13	18.18	18.20	18.10	19.70
		25	0	18.25	18.30	18.25	19.70
	16QAM	1	0	17.78	17.70	17.74	19.70
		1	13	18.15	18.07	18.10	19.70
		1	24	17.70	17.79	17.70	19.70
		12	0	18.35	18.43	18.38	19.70
		12	6	18.35	18.26	18.22	19.70
		12	13	18.46	18.42	18.35	19.70
		25	0	18.36	18.28	18.29	19.70
	64QAM	1	0	17.76	17.84	17.83	19.70
		1	13	18.57	18.63	18.73	19.70
		1	24	18.28	18.20	18.11	19.70
		12	0	18.38	18.35	18.29	19.70
		12	6	18.20	18.19	18.20	19.70
		12	13	18.28	18.29	18.28	19.70
		25	0	17.96	18.01	17.95	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.48	18.38	18.46	19.70
		1	25	18.75	18.65	18.70	19.70
		1	49	18.02	18.08	18.18	19.70
		25	0	18.33	18.24	18.23	19.70
		25	13	18.36	18.45	18.46	19.70
		25	25	18.19	18.12	18.22	19.70
		50	0	18.23	18.26	18.26	19.70
	16QAM	1	0	17.81	17.76	17.81	19.70
		1	25	18.06	18.14	18.07	19.70
		1	49	17.82	17.73	17.76	19.70
		25	0	18.50	18.40	18.39	19.70
		25	13	18.15	18.24	18.18	19.70
		25	25	18.42	18.50	18.58	19.70
		50	0	18.29	18.20	18.12	19.70
	64QAM	1	0	17.92	17.83	17.78	19.70
		1	25	18.69	18.66	18.73	19.70
		1	49	18.09	18.18	18.25	19.70
		25	0	18.20	18.30	18.32	19.70
		25	13	18.23	18.28	18.18	19.70
		25	25	18.30	18.37	18.46	19.70
		50	0	18.13	18.07	18.09	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.33	18.33	18.35	19.70
		1	38	18.74	18.69	18.68	19.70
		1	74	18.13	18.18	18.14	19.70
		36	0	18.32	18.34	18.37	19.70
		36	18	18.29	18.38	18.41	19.70



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	16QAM	36	39	18.31	18.21	18.17	19.70
		75	0	18.17	18.22	18.25	19.70
		1	0	17.94	17.86	17.76	19.70
		1	38	18.07	18.04	18.13	19.70
		1	74	17.77	17.71	17.81	19.70
		36	0	18.20	18.30	18.26	19.70
		36	18	18.29	18.23	18.25	19.70
		36	39	18.38	18.44	18.38	19.70
		75	0	18.36	18.30	18.29	19.70
	64QAM	1	0	17.87	17.85	17.81	19.70
		1	38	18.66	18.64	18.56	19.70
		1	74	18.27	18.19	18.27	19.70
		36	0	18.30	18.26	18.19	19.70
		36	18	18.39	18.34	18.28	19.70
		36	39	18.24	18.28	18.19	19.70
		75	0	18.12	18.11	18.20	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	18.26	/	19.70
		1	50	/	18.67	/	19.70
		1	99	/	18.18	/	19.70
		50	0	/	18.34	/	19.70
		50	25	/	18.33	/	19.70
		50	50	/	18.27	/	19.70
		100	0	/	18.26	/	19.70
	16QAM	1	0	/	17.92	/	19.70
		1	50	/	18.09	/	19.70
		1	99	/	17.80	/	19.70
		50	0	/	18.22	/	19.70
		50	25	/	18.33	/	19.70
		50	50	/	18.34	/	19.70
		100	0	/	18.32	/	19.70
	64QAM	1	0	/	17.87	/	19.70
		1	50	/	18.69	/	19.70
		1	99	/	18.12	/	19.70
		50	0	/	18.31	/	19.70
		50	25	/	18.33	/	19.70
		50	50	/	18.25	/	19.70
		100	0	/	18.21	/	19.70

LTE Band 7 DSI 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.68	17.74	17.77	19.30
		1	13	18.25	18.10	18.08	19.30
		1	24	17.39	17.57	17.87	19.30
		12	0	17.93	17.48	17.68	19.30
		12	6	17.65	17.82	17.61	19.30
		12	13	17.55	17.69	17.58	19.30
		25	0	17.61	17.56	17.57	19.30
	16QAM	1	0	17.39	17.53	17.30	19.30
		1	13	17.68	17.80	17.44	19.30
		1	24	17.71	17.57	17.72	19.30
		12	0	17.92	17.91	18.03	19.30
		12	6	17.67	17.95	17.63	19.30
		12	13	17.64	17.71	17.87	19.30
		25	0	17.64	17.67	17.52	19.30
	64QAM	1	0	17.37	17.80	17.53	19.30
		1	13	17.98	17.87	18.03	19.30



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		1	24	17.36	17.85	17.78	19.30
		12	0	17.54	17.75	17.86	19.30
		12	6	17.73	17.73	17.59	19.30
		12	13	17.56	17.53	17.62	19.30
		25	0	17.65	17.85	17.37	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.74	17.84	17.71	19.30
		1	25	18.17	18.18	18.14	19.30
		1	49	17.46	17.55	17.83	19.30
		25	0	17.96	17.58	17.76	19.30
		25	13	17.70	17.72	17.53	19.30
		25	25	17.56	17.59	17.65	19.30
		50	0	17.62	17.61	17.56	19.30
	16QAM	1	0	17.34	17.49	17.39	19.30
		1	25	17.62	17.79	17.54	19.30
		1	49	17.31	17.57	17.63	19.30
		25	0	17.95	17.84	17.98	19.30
		25	13	17.66	17.95	17.67	19.30
		25	25	17.56	17.62	17.86	19.30
		50	0	17.65	17.60	17.51	19.30
	64QAM	1	0	17.46	17.80	17.61	19.30
		1	25	18.02	17.85	18.07	19.30
		1	49	17.30	17.78	17.76	19.30
		25	0	17.61	17.66	17.82	19.30
		25	13	17.74	17.72	17.65	19.30
		25	25	17.46	17.62	17.58	19.30
		50	0	17.66	17.75	17.39	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.76	17.84	17.74	19.30
		1	38	18.09	18.09	18.04	19.30
		1	74	17.47	17.64	17.79	19.30
		36	0	17.91	17.65	17.71	19.30
		36	18	17.69	17.65	17.53	19.30
		36	39	17.65	17.61	17.64	19.30
		75	0	17.57	17.58	17.64	19.30
	16QAM	1	0	17.30	17.41	17.30	19.30
		1	38	17.54	17.83	17.61	19.30
		1	74	17.33	17.52	17.56	19.30
		36	0	17.85	17.82	17.92	19.30
		36	18	17.63	17.86	17.63	19.30
		36	39	17.47	17.53	17.80	19.30
		75	0	17.66	17.57	17.59	19.30
	64QAM	1	0	17.56	17.71	17.54	19.30
		1	38	18.06	17.88	18.05	19.30
		1	74	17.39	17.84	17.68	19.30
		36	0	17.71	17.66	17.74	19.30
		36	18	17.75	17.77	17.73	19.30
		36	39	17.53	17.55	17.65	19.30
		75	0	17.66	17.76	17.49	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.82	17.85	17.78	19.30
		1	50	18.20	18.11	18.14	19.30
		1	99	17.54	17.55	17.69	19.30
		50	0	17.88	17.88	17.74	19.30
		50	25	18.09	18.00	18.06	19.30
		50	50	17.82	17.87	17.87	19.30
		100	0	17.98	17.92	17.95	19.30
	16QAM	1	0	17.33	17.40	17.30	19.30



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		1	50	17.48	17.75	17.54	19.30
		1	99	17.39	17.53	17.49	19.30
		50	0	17.76	17.77	17.85	19.30
		50	25	17.59	17.76	17.61	19.30
		50	50	17.43	17.58	17.77	19.30
		100	0	17.57	17.58	17.63	19.30
	64QAM	1	0	17.49	17.64	17.62	19.30
		1	50	18.11	17.93	18.07	19.30
		1	99	17.41	17.87	17.72	19.30
		50	0	17.81	17.73	17.82	19.30
		50	25	17.78	17.73	17.66	19.30
		50	50	17.57	17.63	17.66	19.30
		100	0	17.61	17.73	17.55	19.30

LTE Band 7 DSI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20775	21100	21425	19.60
		1	13	17.95	18.20	17.98	19.60
		1	24	18.49	18.37	18.08	19.60
		12	0	17.82	18.13	18.19	19.60
		12	6	17.99	17.86	18.19	19.60
		12	13	17.81	18.12	17.62	19.60
	16QAM	12	13	17.77	17.85	17.74	19.60
		25	0	17.85	17.85	17.99	19.60
		1	0	18.05	17.85	17.99	19.60
		1	13	17.71	17.74	17.74	19.60
		1	24	18.02	17.97	17.85	19.60
		12	0	17.62	17.67	17.79	19.60
	64QAM	12	6	18.20	18.01	17.92	19.60
		12	13	18.16	18.16	17.86	19.60
		12	13	17.81	17.92	17.93	19.60
		25	0	17.83	18.00	18.13	19.60
		1	0	17.99	18.00	18.06	19.60
		1	13	18.35	18.06	18.27	19.60
10MHz	QPSK	1	24	17.82	17.84	18.03	19.60
		12	0	18.09	17.85	17.91	19.60
		12	6	17.90	17.91	18.04	19.60
		12	13	17.97	17.92	17.95	19.60
		25	0	17.93	18.01	17.76	19.60
		25	13	17.96	18.14	18.00	19.60
	16QAM	1	25	18.40	18.35	18.14	19.60
		1	49	17.91	18.03	18.19	19.60
		25	0	17.91	17.92	18.22	19.60
		25	13	17.85	18.14	17.72	19.60
		25	25	17.84	17.89	17.84	19.60
		50	0	17.97	17.92	17.96	19.60
	64QAM	1	0	17.75	17.71	17.64	19.60
		1	25	17.99	17.87	17.84	19.60
		1	49	17.70	17.61	17.78	19.60
		25	0	18.11	17.98	17.89	19.60
		25	13	18.09	18.11	17.88	19.60
		25	25	17.72	17.82	17.98	19.60
	QPSK	50	0	17.91	17.97	18.04	19.60
		1	0	17.96	17.90	17.98	19.60
		1	25	18.28	18.12	18.37	19.60
		1	49	17.89	17.84	17.98	19.60
		25	0	18.09	17.94	17.85	19.60
		25	13	17.88	17.95	18.01	19.60
	16QAM						



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Bandwidth	Modulation	25	25	17.96	17.82	17.87	19.60
		50	0	17.96	17.94	17.82	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.95	18.09	17.92	19.60
		1	38	18.31	18.33	18.13	19.60
		1	74	17.86	18.03	18.21	19.60
		36	0	17.91	17.94	18.18	19.60
		36	18	17.78	18.11	17.79	19.60
		36	39	17.77	17.91	17.92	19.60
		75	0	18.01	17.93	17.94	19.60
	16QAM	1	0	17.68	17.69	17.67	19.60
		1	38	17.93	17.88	17.92	19.60
		1	74	17.64	17.69	17.77	19.60
		36	0	18.18	17.99	17.98	19.60
		36	18	18.07	18.10	17.80	19.60
		36	39	17.75	17.84	17.95	19.60
		75	0	17.96	17.97	18.04	19.60
	64QAM	1	0	17.93	17.95	17.88	19.60
		1	38	18.33	18.09	18.44	19.60
		1	74	17.96	17.88	18.02	19.60
		36	0	18.11	17.87	17.91	19.60
		36	18	17.88	17.96	18.01	19.60
		36	39	17.87	17.85	17.81	19.60
		75	0	18.01	17.87	17.85	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	18.05	18.13	18.00	19.60
		1	50	18.41	18.34	18.14	19.60
		1	99	17.83	17.94	18.18	19.60
		50	0	17.94	18.02	17.86	19.60
		50	25	18.10	18.02	17.88	19.60
		50	50	17.67	17.89	17.89	19.60
		100	0	17.91	18.01	18.03	19.60
	16QAM	1	0	17.66	17.70	17.65	19.60
		1	50	17.94	17.90	17.88	19.60
		1	99	17.67	17.62	17.70	19.60
		50	0	18.14	17.92	18.02	19.60
		50	25	18.02	18.03	17.87	19.60
		50	50	17.82	17.91	18.00	19.60
		100	0	17.97	17.91	18.01	19.60
	64QAM	1	0	17.90	17.93	17.88	19.60
		1	50	18.39	18.00	18.46	19.60
		1	99	17.88	17.80	18.05	19.60
		50	0	18.05	17.91	17.96	19.60
		50	25	17.88	17.90	17.94	19.60
		50	50	17.81	17.89	17.90	19.60
		100	0	18.03	17.89	17.90	19.60

LTE Band 7 DSI 5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	15.54	15.70	15.49	17.10
		1	13	15.90	15.87	16.17	17.10
		1	24	15.29	15.95	15.55	17.10
		12	0	15.84	15.69	15.66	17.10
		12	6	15.49	15.59	15.28	17.10
		12	13	15.36	15.54	15.61	17.10
		25	0	15.49	15.62	15.53	17.10



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	16QAM	1	0	15.19	15.22	15.38	17.10
		1	13	15.38	15.33	15.50	17.10
		1	24	15.33	15.39	15.34	17.10
		12	0	15.66	15.38	15.67	17.10
		12	6	15.71	15.34	15.36	17.10
		12	13	15.38	15.54	15.56	17.10
	64QAM	25	0	15.30	15.40	15.49	17.10
		1	0	15.51	15.22	15.61	17.10
		1	13	15.86	15.90	15.99	17.10
		1	24	15.39	15.76	15.40	17.10
		12	0	15.83	15.68	15.52	17.10
		12	6	15.52	15.65	15.54	17.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
				1	0	15.58	
				1	25	15.89	
				1	49	15.34	
				25	0	15.74	
				25	13	15.44	
				25	25	15.29	
				50	0	15.45	
				1	0	15.27	
				1	25	15.37	
				1	49	15.31	
10MHz	QPSK	RB size	RB offset	15.74	15.45	15.70	17.10
				25	13	15.78	
				25	25	15.45	
				50	0	15.32	
				1	0	15.41	
				1	25	15.89	
	16QAM	RB size	RB offset	15.41	15.76	15.50	17.10
				25	0	15.81	
				25	13	15.56	
				25	25	15.37	
				50	0	15.81	
				1	0	15.41	
15MHz	QPSK	RB size	RB offset	15.89	15.88	16.07	17.10
				1	49	15.41	
				25	0	15.81	
				25	13	15.56	
				25	25	15.37	
				50	0	15.81	
	16QAM	RB size	RB offset	15.53	15.55	15.56	17.10
				1	0	15.25	
				1	38	15.10	
				1	74	15.10	
				36	0	15.67	
				36	18	15.71	
Bandwidth	Modulation	RB size	RB offset	15.47	15.41	15.43	17.10
				36	39	15.37	
				75	0	15.41	
				1	0	15.48	
				1	38	15.97	
				1	74	15.47	
				36	0	15.77	
				36	18	15.57	
				36	39	15.45	
				75	0	15.73	
				15.53	15.53	15.46	
				15.53	15.53	15.46	



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				20850	21100	21350	
20MHz	QPSK	1	0	15.63	15.62	15.46	17.10
		1	50	16.07	15.90	15.87	17.10
		1	99	15.36	15.91	15.57	17.10
		50	0	15.52	15.71	15.61	17.10
		50	25	15.73	15.62	15.39	17.10
		50	50	15.36	15.51	15.50	17.10
	16QAM	100	0	15.49	15.54	15.57	17.10
		1	0	15.17	15.23	15.13	17.10
		1	50	15.20	15.41	15.51	17.10
		1	99	15.19	15.11	15.14	17.10
		50	0	15.63	15.63	15.70	17.10
		50	25	15.64	15.56	15.50	17.10
	64QAM	50	50	15.33	15.45	15.51	17.10
		100	0	15.40	15.41	15.60	17.10
		1	0	15.45	15.38	15.54	17.10
		1	50	16.03	16.01	15.98	17.10
		1	99	15.38	15.75	15.38	17.10
		50	0	15.69	15.72	15.57	17.10
		50	25	15.57	15.72	15.53	17.10
		50	50	15.38	15.54	15.55	17.10
		100	0	15.63	15.48	15.44	17.10

LTE Band 66 DSI 1/5/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	17.27	17.69	17.45	19.20
		1	2	17.55	18.26	17.97	19.20
		1	5	17.76	18.01	17.39	19.20
		3	0	17.65	17.83	17.38	19.20
		3	1	17.69	17.80	17.60	19.20
		3	3	17.57	17.60	17.48	19.20
	16QAM	6	0	17.54	17.61	17.47	19.20
		1	0	17.49	17.42	17.53	19.20
		1	2	17.69	17.76	17.51	19.20
		1	5	17.40	17.33	17.32	19.20
		3	0	17.37	17.69	17.53	19.20
		3	1	17.76	17.67	17.33	19.20
	64QAM	3	3	17.42	17.36	17.46	19.20
		6	0	17.70	17.32	17.78	19.20
		1	0	17.76	17.45	17.44	19.20
		1	2	18.23	18.17	17.87	19.20
		1	5	17.73	17.63	17.43	19.20
		3	0	17.68	17.72	17.30	19.20
3MHz	QPSK	3	1	17.86	17.65	17.59	19.20
		3	3	17.44	17.64	17.26	19.20
		6	0	17.30	17.62	17.43	19.20
	16QAM	1	0	17.24	17.74	17.47	19.20
		1	7	17.62	18.25	17.90	19.20
		1	14	17.76	18.05	17.48	19.20
		8	0	17.69	17.85	17.28	19.20
		8	4	17.74	17.78	17.66	19.20
		8	7	17.58	17.62	17.55	19.20
		15	0	17.61	17.63	17.50	19.20
		1	0	17.26	17.35	17.52	19.20
		1	7	17.74	17.73	17.49	19.20
		1	14	17.31	17.39	17.30	19.20



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	64QAM	8	0	17.47	17.65	17.46	19.20
		8	4	17.86	17.57	17.37	19.20
		8	7	17.37	17.41	17.47	19.20
		15	0	17.65	17.23	17.69	19.20
		1	0	17.67	17.47	17.42	19.20
		1	7	18.24	18.20	17.96	19.20
		1	14	17.74	17.53	17.35	19.20
		8	0	17.59	17.62	17.34	19.20
		8	4	17.85	17.59	17.61	19.20
		8	7	17.45	17.61	17.25	19.20
		15	0	17.39	17.68	17.53	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	17.31	17.80	17.51	19.20
		1	13	17.55	18.28	17.83	19.20
		1	24	17.66	17.96	17.47	19.20
		12	0	17.59	17.92	17.37	19.20
		12	6	17.67	17.79	17.57	19.20
		12	13	17.58	17.62	17.50	19.20
	16QAM	25	0	17.59	17.60	17.50	19.20
		1	0	17.32	17.36	17.42	19.20
		1	13	17.67	17.77	17.54	19.20
		1	24	17.31	17.34	17.26	19.20
		12	0	17.52	17.62	17.41	19.20
		12	6	17.80	17.63	17.27	19.20
	64QAM	12	13	17.41	17.47	17.50	19.20
		25	0	17.58	17.33	17.65	19.20
		1	0	17.63	17.42	17.33	19.20
		1	13	18.27	18.25	17.89	19.20
		1	24	17.68	17.60	17.45	19.20
		12	0	17.56	17.66	17.43	19.20
10MHz	QPSK	12	6	17.81	17.60	17.54	19.20
		12	13	17.50	17.71	17.35	19.20
		25	0	17.30	17.74	17.60	19.20
	16QAM	1	0	17.41	17.72	17.48	19.20
		1	25	17.60	18.29	17.80	19.20
		1	49	17.70	17.91	17.49	19.20
	64QAM	25	0	17.59	17.82	17.40	19.20
		25	13	17.66	17.74	17.63	19.20
		25	25	17.60	17.55	17.45	19.20
	16QAM	50	0	17.55	17.51	17.51	19.20
		1	0	17.34	17.29	17.34	19.20
		1	25	17.67	17.71	17.51	19.20
		1	49	17.31	17.36	17.48	19.20
		25	0	17.61	17.53	17.37	19.20
	64QAM	25	13	17.74	17.67	17.30	19.20
		25	25	17.51	17.37	17.48	19.20
		50	0	17.57	17.41	17.60	19.20
	16QAM	1	0	17.71	17.52	17.31	19.20
		1	25	18.21	18.18	17.90	19.20
		1	49	17.59	17.65	17.45	19.20
	64QAM	25	0	17.58	17.62	17.38	19.20
		25	13	17.75	17.69	17.59	19.20
		25	25	17.60	17.75	17.42	19.20
		50	0	17.31	17.66	17.53	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
15MHz	QPSK	1	0	17.44	17.75	17.49	19.20
		1	38	17.70	18.21	17.80	19.20



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		1	74	17.71	17.86	17.53	19.20
		36	0	17.63	17.79	17.50	19.20
		36	18	17.66	17.80	17.58	19.20
		36	39	17.62	17.55	17.53	19.20
		75	0	17.56	17.61	17.49	19.20
	16QAM	1	0	17.34	17.39	17.34	19.20
		1	38	17.63	17.62	17.55	19.20
		1	74	17.36	17.42	17.45	19.20
		36	0	17.57	17.57	17.31	19.20
		36	18	17.71	17.65	17.39	19.20
		36	39	17.51	17.42	17.39	19.20
		75	0	17.53	17.50	17.63	19.20
	64QAM	1	0	17.75	17.50	17.29	19.20
		1	38	18.19	18.14	17.81	19.20
		1	74	17.51	17.71	17.54	19.20
		36	0	17.49	17.56	17.48	19.20
		36	18	17.76	17.77	17.66	19.20
		36	39	17.53	17.73	17.52	19.20
		75	0	17.34	17.66	17.49	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	17.34	18.14	17.52	19.20
		1	50	17.74	17.86	17.83	19.20
		1	99	17.78	17.84	17.43	19.20
		50	0	17.64	17.70	17.54	19.20
		50	25	17.57	17.70	17.48	19.20
		50	50	17.52	17.60	17.49	19.20
		100	0	17.49	17.60	17.51	19.20
	16QAM	1	0	17.29	17.30	17.36	19.20
		1	50	17.61	17.60	17.51	19.20
		1	99	17.40	17.32	17.20	19.20
		50	0	17.61	17.51	17.41	19.20
		50	25	17.70	17.63	17.41	19.20
		50	50	17.53	17.50	17.47	19.20
		100	0	17.60	17.49	17.54	19.20
	64QAM	1	0	17.65	17.53	17.35	19.20
		1	50	18.14	18.16	17.72	19.20
		1	99	17.54	17.64	17.48	19.20
		50	0	17.53	17.64	17.58	19.20
		50	25	17.68	17.74	17.59	19.20
		50	50	17.49	17.73	17.51	19.20
		100	0	17.42	17.57	17.57	19.20

LTE Band 66 DSI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.55	20.35	20.45	22.20
		1	2	20.97	21.31	20.67	22.20
		1	5	20.66	20.52	20.58	22.20
		3	0	20.53	20.91	20.32	22.20
		3	1	20.59	20.84	20.42	22.20
		3	3	20.56	20.48	20.41	22.20
		6	0	20.45	20.78	20.66	22.20
	16QAM	1	0	20.33	20.49	20.35	22.20
		1	2	20.42	20.31	20.53	22.20
		1	5	20.49	20.30	20.30	22.20
		3	0	20.66	20.88	20.41	22.20
		3	1	20.60	20.89	20.44	22.20
		3	3	20.62	20.70	20.60	22.20



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		6	0	20.61	20.45	20.86	22.20
		1	0	20.49	20.35	20.52	22.20
		1	2	20.38	20.71	20.48	22.20
		1	5	20.64	21.10	20.42	22.20
		3	0	20.83	20.68	20.70	22.20
		3	1	20.71	20.78	20.52	22.20
		3	3	20.88	20.51	20.55	22.20
		6	0	20.58	20.33	20.39	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
		1	0	20.57	20.27	20.41	22.20
		1	7	21.02	21.26	20.72	22.20
		1	14	20.59	20.58	20.65	22.20
		8	0	20.56	20.90	20.42	22.20
		8	4	20.64	20.88	20.34	22.20
		8	7	20.53	20.41	20.51	22.20
		15	0	20.42	20.83	20.63	22.20
		1	0	20.29	20.48	20.42	22.20
		1	7	20.20	20.40	20.56	22.20
		1	14	20.46	20.28	20.40	22.20
		8	0	20.59	20.83	20.46	22.20
		8	4	20.51	20.84	20.47	22.20
		8	7	20.54	20.73	20.68	22.20
		15	0	20.64	20.43	20.78	22.20
		1	0	20.40	20.27	20.62	22.20
		1	7	20.45	20.79	20.41	22.20
		1	14	20.73	21.06	20.37	22.20
		8	0	20.57	20.44	20.46	22.00
		8	4	20.41	20.59	20.32	22.00
		8	7	20.62	20.37	20.31	22.00
		15	0	20.57	20.30	20.43	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
		1	0	20.50	20.37	20.42	22.20
		1	13	20.98	21.23	20.79	22.20
		1	24	20.54	20.64	20.70	22.20
		12	0	20.46	20.85	20.42	22.20
		12	6	20.69	20.79	20.42	22.20
		12	13	20.62	20.37	20.41	22.20
		25	0	20.52	20.76	20.64	22.20
		1	0	20.34	20.23	20.22	22.20
		1	13	20.29	20.49	20.61	22.20
		1	24	20.24	20.20	20.49	22.20
		12	0	20.56	20.75	20.38	22.20
		12	6	20.42	20.77	20.38	22.20
		12	13	20.62	20.80	20.64	22.20
		25	0	20.55	20.49	20.72	22.20
		1	0	20.48	20.47	20.52	22.20
		1	13	20.43	20.86	20.48	22.20
		1	24	20.66	21.04	20.40	22.20
		12	0	20.52	20.46	20.38	22.00
		12	6	20.50	20.64	20.40	22.00
		12	13	20.55	20.46	20.40	22.00
		25	0	20.58	20.32	20.38	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
		1	0	20.57	20.44	20.47	22.20
		1	25	20.92	21.13	20.77	22.20
		1	49	20.57	20.69	20.64	22.20
		25	0	20.51	20.79	20.49	22.20
		25	13	20.62	20.76	20.36	22.20



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	16QAM	25	25	20.65	20.37	20.47	22.20
		50	0	20.61	20.69	20.57	22.20
		1	0	20.26	20.28	20.25	22.20
		1	25	20.38	20.52	20.56	22.20
		1	49	20.27	20.20	20.44	22.20
		25	0	20.46	20.65	20.47	22.20
		25	13	20.41	20.70	20.48	22.20
		25	25	20.62	20.82	20.56	22.20
		50	0	20.55	20.53	20.67	22.20
	64QAM	1	0	20.51	20.22	20.57	22.20
		1	25	20.35	20.87	20.53	22.20
		1	49	20.76	21.14	20.44	22.20
		25	0	20.45	20.38	20.29	22.00
		25	13	20.49	20.63	20.38	22.00
		25	25	20.53	20.48	20.39	22.00
		50	0	20.52	20.23	20.32	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.58	20.49	20.41	22.20
		1	38	20.83	21.08	20.68	22.20
		1	74	20.60	20.69	20.66	22.20
		36	0	20.52	20.81	20.52	22.20
		36	18	20.60	20.66	20.43	22.20
		36	39	20.56	20.44	20.52	22.20
		75	0	20.61	20.63	20.57	22.20
	16QAM	1	0	20.34	20.29	20.21	22.20
		1	38	20.34	20.54	20.50	22.20
		1	74	20.28	20.26	20.37	22.20
		36	0	20.56	20.64	20.37	22.20
		36	18	20.34	20.70	20.40	22.20
		36	39	20.70	20.79	20.49	22.20
		75	0	20.50	20.51	20.59	22.20
	64QAM	1	0	20.60	20.31	20.49	22.20
		1	38	20.28	20.86	20.55	22.20
		1	74	20.76	21.05	20.47	22.20
		36	0	20.44	20.46	20.27	22.00
		36	18	20.39	20.62	20.39	22.00
		36	39	20.51	20.50	20.38	22.00
		75	0	20.52	20.29	20.39	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.60	20.83	20.75	22.20
		1	50	20.54	20.51	20.51	22.20
		1	99	20.60	20.78	20.55	22.20
		50	0	20.66	20.75	20.57	22.20
		50	25	20.57	20.67	20.52	22.20
		50	50	20.57	20.48	20.49	22.20
		100	0	20.55	20.60	20.56	22.20
	16QAM	1	0	20.26	20.26	20.29	22.20
		1	50	20.43	20.60	20.51	22.20
		1	99	20.29	20.32	20.34	22.20
		50	0	20.62	20.68	20.47	22.20
		50	25	20.43	20.74	20.33	22.20
		50	50	20.72	20.69	20.51	22.20
		100	0	20.44	20.55	20.58	22.20
	64QAM	1	0	20.65	20.30	20.39	22.20
		1	50	20.29	20.91	20.65	22.20
		1	99	20.72	20.95	20.48	22.20
		50	0	20.35	20.54	20.33	22.00
		50	25	20.44	20.53	20.32	22.00
		50	50	20.44	20.47	20.37	22.00



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		100	0	20.44	20.39	20.35	22.00
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LTE Band 66 DSI 6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	17.71	18.06	18.01	19.70
		1	2	18.06	18.62	18.62	19.70
		1	5	17.98	18.31	18.11	19.70
		3	0	17.85	18.16	17.96	19.70
		3	1	18.08	18.22	18.26	19.70
		3	3	17.98	18.22	17.94	19.70
	16QAM	6	0	18.13	18.07	18.11	19.70
		1	0	18.38	18.06	17.70	19.70
		1	2	17.88	18.14	17.77	19.70
		1	5	17.95	17.80	17.95	19.70
		3	0	18.35	17.95	18.18	19.70
		3	1	18.14	18.10	18.02	19.70
	64QAM	3	3	18.19	18.03	18.14	19.70
		6	0	17.99	18.00	17.90	19.70
		1	0	18.17	17.95	18.11	19.70
		1	2	18.45	18.44	17.79	19.70
		1	5	18.09	18.62	17.94	19.70
		3	0	18.10	18.19	18.05	19.70
	3	1	17.78	17.89	17.85	19.70	
	3	3	18.37	18.02	17.78	19.70	
	6	0	18.29	18.07	18.17	19.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	17.75	18.09	18.07	19.70
		1	7	18.08	18.71	18.59	19.70
		1	14	18.02	18.35	18.12	19.70
		8	0	17.82	18.07	18.06	19.70
		8	4	18.07	18.27	18.19	19.70
		8	7	17.88	18.26	18.02	19.70
	16QAM	15	0	18.15	18.10	18.02	19.70
		1	0	18.44	17.96	17.75	19.70
		1	7	17.81	18.20	17.78	19.70
		1	14	17.70	17.88	17.92	19.70
		8	0	18.25	17.96	18.13	19.70
		8	4	18.13	18.10	18.06	19.70
	64QAM	8	7	18.15	18.10	18.06	19.70
		15	0	17.95	18.07	18.00	19.70
		1	0	18.25	17.86	18.02	19.70
		1	7	18.55	18.51	17.78	19.70
		1	14	18.12	18.71	17.91	19.70
		8	0	18.00	18.09	18.06	19.70
	8	4	17.88	17.94	17.81	19.70	
	8	7	18.31	18.09	17.76	19.70	
	15	0	18.19	18.05	18.16	19.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	17.76	18.16	18.14	19.70
		1	13	18.04	18.68	18.51	19.70
		1	24	18.06	18.29	18.22	19.70
		12	0	17.85	18.08	18.02	19.70
		12	6	18.09	18.35	18.14	19.70
		12	13	17.91	18.30	18.11	19.70
	16QAM	25	0	18.11	18.15	17.97	19.70
		1	0	18.36	17.89	17.82	19.70



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		1	13	17.90	18.25	17.86	19.70
		1	24	17.93	17.85	17.93	19.70
		12	0	18.24	18.02	18.09	19.70
		12	6	18.19	18.15	18.16	19.70
		12	13	18.08	18.00	18.05	19.70
		25	0	18.05	18.03	18.02	19.70
	64QAM	1	0	18.30	17.92	18.01	19.70
		1	13	18.45	18.61	17.84	19.70
		1	24	18.22	18.69	18.00	19.70
		12	0	18.01	18.10	18.14	19.70
		12	6	17.93	17.96	17.88	19.70
		12	13	18.27	18.18	17.86	19.70
		25	0	18.17	18.06	18.20	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	17.83	18.22	18.19	19.70
		1	25	18.14	18.58	18.57	19.70
		1	49	18.15	18.33	18.29	19.70
		25	0	17.93	18.07	17.96	19.70
		25	13	18.15	18.37	18.09	19.70
		25	25	17.97	18.30	18.13	19.70
	16QAM	50	0	18.10	18.18	18.05	19.70
		1	0	18.39	17.86	17.88	19.70
		1	25	18.00	18.21	17.87	19.70
		1	49	17.72	17.81	17.73	19.70
		25	0	18.20	18.05	18.17	19.70
		25	13	18.17	18.13	18.12	19.70
	64QAM	25	25	18.02	17.96	18.08	19.70
		50	0	18.15	18.13	18.05	19.70
		1	0	18.21	18.01	18.02	19.70
		1	25	18.48	18.67	17.84	19.70
		1	49	18.14	18.73	18.06	19.70
		25	0	18.02	18.15	18.16	19.70
15MHz	QPSK	25	13	17.96	18.03	17.89	19.70
		25	25	18.19	18.22	17.91	19.70
		50	0	18.16	18.02	18.21	19.70
	16QAM	1	0	18.32	17.89	17.71	19.70
		1	38	17.97	18.06	18.01	19.70
		1	74	17.89	17.95	17.78	19.70
		36	0	18.26	18.16	18.23	19.70
		36	18	18.15	18.22	18.23	19.70
		36	39	18.03	18.05	18.10	19.70
	64QAM	75	0	18.10	18.03	18.12	19.70
		1	0	18.16	17.98	18.10	19.70
		1	38	18.49	18.65	17.90	19.70
		1	74	18.08	18.72	17.89	19.70
		36	0	17.98	18.22	18.13	19.70
		36	18	17.86	17.99	17.93	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	



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20MHz	QPSK	1	0	18.03	18.17	18.28	19.70
		1	50	18.32	18.60	18.44	19.70
		1	99	18.24	18.30	18.15	19.70
		50	0	18.09	18.19	18.10	19.70
		50	25	18.16	18.28	18.02	19.70
		50	50	18.00	18.13	18.07	19.70
		100	0	18.10	18.18	18.06	19.70
	16QAM	1	0	18.38	17.91	17.78	19.70
		1	50	17.88	18.15	17.95	19.70
		1	99	17.82	17.87	17.75	19.70
		50	0	18.19	18.13	18.14	19.70
		50	25	18.14	18.25	18.14	19.70
		50	50	18.03	18.09	18.04	19.70
		100	0	18.10	18.13	18.06	19.70
	64QAM	1	0	18.19	17.94	18.00	19.70
		1	50	18.59	18.58	17.82	19.70
		1	99	18.02	18.68	17.88	19.70
		50	0	18.02	18.24	18.06	19.70
		50	25	17.90	18.02	17.96	19.70
		50	50	18.08	18.16	18.10	19.70
		100	0	18.21	18.06	18.19	19.70

LTE Band 38 DSI 1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.37	20.32	20.34	21.30
		1	13	20.59	20.52	20.42	21.30
		1	24	19.96	20.05	19.99	21.30
		12	0	20.42	20.52	20.48	21.30
		12	6	20.21	20.31	20.34	21.30
		12	13	20.12	20.12	20.16	21.30
		25	0	20.54	20.53	20.57	21.30
	16QAM	1	0	19.75	19.81	19.75	21.30
		1	13	19.86	19.94	20.03	21.30
		1	24	19.45	19.46	19.47	21.30
		12	0	20.30	20.31	20.23	21.30
		12	6	20.19	20.19	20.14	21.30
		12	13	20.11	20.07	20.16	21.30
		25	0	20.36	20.31	20.31	21.30
	64QAM	1	0	19.73	19.82	19.73	21.30
		1	13	19.83	19.83	19.88	21.30
		1	24	19.85	19.82	19.92	21.30
		12	0	20.19	20.16	20.21	21.30
		12	6	20.27	20.23	20.18	21.30
		12	13	20.47	20.40	20.33	21.30
		25	0	20.51	20.56	20.51	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20.23	20.33	20.30	21.30
		1	25	20.57	20.59	20.53	21.30
		1	49	20.07	20.03	20.12	21.30
		25	0	20.50	20.53	20.48	21.30
		25	13	20.23	20.25	20.24	21.30
		25	25	20.26	20.17	20.27	21.30
		50	0	20.34	20.44	20.45	21.30
	16QAM	1	0	19.69	19.73	19.71	21.30
		1	25	19.99	19.89	19.86	21.30
		1	49	19.44	19.48	19.44	21.30
		25	0	20.46	20.40	20.48	21.30



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	64QAM	25	13	20.25	20.21	20.27	21.30
		25	25	19.90	19.97	20.04	21.30
		50	0	20.42	20.39	20.33	21.30
		1	0	19.80	19.83	19.75	21.30
		1	25	19.95	19.90	19.88	21.30
		1	49	19.81	19.76	19.84	21.30
		25	0	20.17	20.26	20.34	21.30
		25	13	20.17	20.26	20.17	21.30
		25	25	20.36	20.35	20.43	21.30
		50	0	20.61	20.58	20.64	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	20.39	20.29	20.30	21.30
		1	38	20.54	20.60	20.64	21.30
		1	74	20.09	20.12	20.18	21.30
		36	0	20.46	20.52	20.42	21.30
		36	18	20.33	20.27	20.37	21.30
		36	39	20.27	20.21	20.27	21.30
		75	0	20.43	20.42	20.40	21.30
	16QAM	1	0	19.77	19.75	19.85	21.30
		1	38	19.93	19.90	19.94	21.30
		1	74	19.60	19.58	19.58	21.30
		36	0	20.33	20.36	20.27	21.30
		36	18	20.22	20.27	20.18	21.30
		36	39	20.04	20.06	19.97	21.30
		75	0	20.27	20.35	20.29	21.30
	64QAM	1	0	19.76	19.77	19.86	21.30
		1	38	19.88	19.90	19.82	21.30
		1	74	19.76	19.75	19.84	21.30
		36	0	20.39	20.29	20.30	21.30
		36	18	20.39	20.29	20.27	21.30
		36	39	20.34	20.25	20.27	21.30
		75	0	20.54	20.50	20.55	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	20.30	/	21.30
		1	50	/	20.32	/	21.30
		1	99	/	20.47	/	21.30
		50	0	/	20.25	/	21.30
		50	25	/	20.37	/	21.30
		50	50	/	20.43	/	21.30
		100	0	/	20.33	/	21.30
	16QAM	1	0	/	19.78	/	21.30
		1	50	/	19.96	/	21.30
		1	99	/	19.61	/	21.30
		50	0	/	20.32	/	21.30
		50	25	/	20.37	/	21.30
		50	50	/	20.13	/	21.30
		100	0	/	20.32	/	21.30
	64QAM	1	0	/	19.78	/	21.30
		1	50	/	19.88	/	21.30
		1	99	/	19.74	/	21.30
		50	0	/	20.29	/	21.30
		50	25	/	20.34	/	21.30
		50	50	/	20.29	/	21.30
		100	0	/	20.40	/	21.30



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LTE Band 38 DSI 5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	17.95	17.93	18.01	18.80
		1	13	18.31	18.26	18.17	18.80
		1	24	17.76	17.83	17.89	18.80
		12	0	17.97	17.98	17.88	18.80
		12	6	18.02	18.11	18.04	18.80
		12	13	17.76	17.69	17.64	18.80
		25	0	17.92	17.92	17.91	18.80
	16QAM	1	0	17.51	17.51	17.45	18.80
		1	13	18.01	17.91	17.99	18.80
		1	24	17.29	17.31	17.29	18.80
		12	0	18.06	18.06	18.15	18.80
		12	6	18.02	18.07	18.17	18.80
		12	13	17.73	17.80	17.74	18.80
		25	0	17.65	17.75	17.79	18.80
	64QAM	1	0	17.36	17.40	17.31	18.80
		1	13	17.86	17.78	17.86	18.80
		1	24	17.13	17.16	17.09	18.80
		12	0	17.96	17.87	17.93	18.80
		12	6	17.88	17.90	17.95	18.80
		12	13	17.88	17.91	17.85	18.80
		25	0	18.03	17.98	17.91	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	17.91	17.95	17.91	18.80
		1	25	18.17	18.19	18.22	18.80
		1	49	17.78	17.74	17.68	18.80
		25	0	17.98	17.98	17.99	18.80
		25	13	18.00	18.05	17.95	18.80
		25	25	17.69	17.65	17.69	18.80
		50	0	17.77	17.85	17.90	18.80
	16QAM	1	0	17.36	17.41	17.48	18.80
		1	25	17.87	17.83	17.82	18.80
		1	49	17.36	17.29	17.28	18.80
		25	0	18.22	18.14	18.21	18.80
		25	13	18.04	17.98	18.07	18.80
		25	25	17.76	17.74	17.68	18.80
		50	0	17.80	17.84	17.79	18.80
	64QAM	1	0	17.27	17.31	17.24	18.80
		1	25	17.91	17.81	17.82	18.80
		1	49	17.21	17.25	17.26	18.80
		25	0	17.98	17.94	17.98	18.80
		25	13	18.02	17.93	17.92	18.80
		25	25	17.95	17.85	17.82	18.80
		50	0	18.13	18.05	18.04	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	17.83	17.93	17.87	18.80
		1	38	18.24	18.29	18.35	18.80
		1	74	17.81	17.75	17.68	18.80
		36	0	18.13	18.06	18.10	18.80
		36	18	18.02	18.00	17.94	18.80
		36	39	17.82	17.75	17.72	18.80
		75	0	17.91	17.87	17.81	18.80
	16QAM	1	0	17.50	17.45	17.39	18.80
		1	38	17.91	17.81	17.85	18.80



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		1	74	17.37	17.36	17.40	18.80
		36	0	18.03	18.06	18.15	18.80
		36	18	17.93	17.92	17.96	18.80
		36	39	17.85	17.76	17.73	18.80
		75	0	17.86	17.88	17.96	18.80
	64QAM	1	0	17.30	17.25	17.20	18.80
		1	38	17.76	17.74	17.75	18.80
		1	74	17.19	17.18	17.09	18.80
		36	0	17.91	17.91	17.94	18.80
		36	18	17.99	17.90	17.90	18.80
Bandwidth	Modulation	36	39	17.73	17.79	17.72	18.80
		75	0	17.89	17.98	17.98	18.80
		RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
	QPSK	1	0	/	17.92	/	18.80
		1	50	/	17.84	/	18.80
		1	99	/	18.28	/	18.80
		50	0	/	17.78	/	18.80
		50	25	/	17.95	/	18.80
		50	50	/	18.05	/	18.80
	16QAM	100	0	/	17.93	/	18.80
		1	0	/	17.40	/	18.80
		1	50	/	17.80	/	18.80
		1	99	/	17.26	/	18.80
		50	0	/	17.97	/	18.80
		50	25	/	17.98	/	18.80
20MHz	64QAM	50	50	/	17.77	/	18.80
		100	0	/	17.94	/	18.80
		1	0	/	17.33	/	18.80
		1	50	/	17.73	/	18.80
		1	99	/	17.24	/	18.80
		50	0	/	17.94	/	18.80
		50	25	/	17.94	/	18.80
		50	50	/	17.89	/	18.80
		100	0	/	17.89	/	18.80



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2 Conducted Power of WIFI and Bluetooth

2.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant 9 State 3					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.03	18.00
	6	2437		16.76	18.00
	11	2462		16.85	18.00
802.11g	1	2412	6	15.22	16.50
	4	2427		17.06	18.00
	6	2437		16.58	18.00
	9	2452		16.66	18.00
	11	2462		15.38	16.50
802.11n HT20	1	2412	6.5	15.05	16.50
	4	2427		16.92	18.00
	6	2437		16.89	18.00
	9	2452		17.11	18.00
	11	2462		15.19	16.50
802.11n HT40	3	2422	13.5	13.95	14.50
	4	2427		14.28	15.00
	6	2437		15.49	16.50
	8	2447		14.61	16.00
	9	2452		14.02	15.50

WIFI 2.4G Ant 9 State 1					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	13.43	14.50
	6	2437		12.75	14.50
	11	2462		12.85	14.50
802.11g	1	2412	6	13.19	14.50
	4	2427		13.04	14.50
	6	2437		13.01	14.50
	9	2452		13.22	14.50
	11	2462		13.35	14.50
802.11n HT20	1	2412	6.5	14.02	14.50
	4	2427		13.40	14.50
	6	2437		13.35	14.50
	9	2452		13.62	14.50
	11	2462		13.11	14.50
802.11n HT40	3	2422	13.5	13.95	14.50
	4	2427		13.82	14.50
	6	2437		13.47	14.50
	8	2447		13.12	14.50
	9	2452		13.01	14.50



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WIFI 2.4G Ant 9 State 6/9					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.46	19.50
	6	2437		17.72	19.50
	11	2462		18.33	19.50
802.11g	1	2412	6	15.22	16.50
	4	2427		18.57	19.50
	6	2437		18.04	19.50
	9	2452		18.13	19.50
	11	2462		15.38	16.50
802.11n HT20	1	2412	6.5	15.05	16.50
	4	2427		18.39	19.50
	6	2437		18.40	19.50
	9	2452		18.62	19.50
	11	2462		15.19	16.50
802.11n HT40	3	2422	13.5	13.95	14.50
	4	2427		14.28	15.00
	6	2437		15.49	16.50
	8	2447		14.61	16.00
	9	2452		14.02	15.50

WIFI 2.4G Ant 9 State 5/7					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.55	18.50
	6	2437		16.75	18.50
	11	2462		17.42	18.50
802.11g	1	2412	6	15.22	16.50
	4	2427		17.52	18.50
	6	2437		16.93	18.50
	9	2452		17.13	18.50
	11	2462		15.38	16.50
802.11n HT20	1	2412	6.5	15.05	16.50
	4	2427		17.45	18.50
	6	2437		17.52	18.50
	9	2452		17.73	18.50
	11	2462		15.19	16.50
802.11n HT40	3	2422	13.5	13.95	14.50
	4	2427		14.28	15.00
	6	2437		15.49	16.50
	8	2447		14.61	16.00
	9	2452		14.02	15.50



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2.2 Conducted Power of 5G WIFI

WIFI 5G Ant 13 State 3 Head Standalone					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	15.73	16.50
		40	5200	16.96	18.00
		44	5220	17.17	18.00
		48	5240	17.02	18.00
	802.11n HT20	36	5180	15.65	16.50
		40	5200	16.75	18.00
		44	5220	16.93	18.00
		48	5240	16.79	18.00
	802.11n HT40	38	5190	14.08	15.00
		46	5230	17.07	18.00
	802.11ac VHT20	36	5180	15.48	16.50
		40	5200	16.78	18.00
		44	5220	16.93	18.00
	802.11ac VHT40	48	5240	16.70	18.00
		38	5190	13.89	15.00
	802.11ac VHT80	46	5230	16.90	18.00
		42	5210	12.44	13.50
5GHz U-NII-2A	802.11a	52	5260	17.29	18.00
		56	5280	17.21	18.00
		60	5300	17.15	18.00
		64	5320	15.42	16.00
	802.11n HT20	52	5260	16.99	18.00
		56	5280	17.05	18.00
		60	5300	16.87	18.00
		64	5320	15.20	16.00
	802.11n HT40	54	5270	17.16	18.00
		62	5310	12.74	13.50
	802.11ac VHT20	52	5260	16.87	18.00
		56	5280	17.07	18.00
		60	5300	16.74	18.00
		64	5320	15.24	16.00
	802.11ac VHT40	54	5270	17.12	18.00
		62	5310	12.77	13.50
	802.11ac VHT80	58	5290	11.69	12.50
5GHz UNII-2C	802.11a	100	5500	17.17	18.00
		104	5520	17.16	18.00
		108	5540	17.11	18.00
		112	5560	16.93	18.00
		116	5580	16.64	18.00
		120	5600	16.65	18.00
		124	5620	16.72	18.00
		128	5640	16.54	18.00
		132	5660	16.62	18.00
		136	5680	16.63	18.00
	802.11n HT20	140	5700	12.15	13.00
		144	5720	16.68	18.00
		100	5500	17.21	18.00
		104	5520	17.10	18.00
		108	5540	17.05	18.00
		112	5560	16.72	18.00
	802.11n HT20	116	5580	16.50	18.00
		120	5600	16.57	18.00
		124	5620	16.66	18.00



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		128	5640	16.40	18.00
		132	5660	16.45	18.00
		136	5680	16.46	18.00
		140	5700	12.18	13.00
		144	5720	16.69	18.00
	802.11n HT40	102	5510	15.69	16.50
		110	5550	16.78	18.00
		118	5590	16.82	18.00
		126	5630	16.96	18.00
		134	5670	16.02	17.00
	802.11ac VHT20	142	5710	16.55	18.00
		100	5500	17.14	18.00
		104	5520	16.94	18.00
		108	5540	17.01	18.00
		112	5560	16.56	18.00
		116	5580	16.48	18.00
		120	5600	16.44	18.00
		124	5620	16.58	18.00
		128	5640	16.46	18.00
		132	5660	16.45	18.00
	802.11ac VHT40	136	5680	16.44	18.00
		140	5700	12.16	13.00
		144	5720	16.70	18.00
		102	5510	15.74	16.50
		110	5550	16.59	18.00
	802.11ac VHT80	118	5590	16.87	18.00
		126	5630	16.95	18.00
		134	5670	16.07	17.00
5GHz UNII-3	802.11a	142	5710	16.59	18.00
		106	5530	12.63	13.50
		122	5610	17.17	18.00
		138	5690	17.23	18.00
		149	5745	17.22	18.00
	802.11n HT20	153	5765	17.13	18.00
		157	5785	16.94	18.00
		161	5805	16.95	18.00
		165	5825	16.92	18.00
		149	5745	17.06	18.00
	802.11n HT40	153	5765	17.14	18.00
		157	5785	16.78	18.00
		161	5805	16.79	18.00
		165	5825	16.84	18.00
		151	5755	17.14	18.00
	802.11ac VHT20	159	5795	16.94	18.00
		149	5745	17.08	18.00
		153	5765	16.94	18.00
		157	5785	16.76	18.00
		161	5805	16.79	18.00
	802.11ac VHT40	165	5825	16.73	18.00
		151	5755	16.95	18.00
		159	5795	16.77	18.00
	802.11ac VHT80	155	5775	16.25	17.50



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t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
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WIFI 5G Ant 13 State 1/5/7 Head&Hotspot&Body Simultaneous					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	13.63	14.50
		40	5200	13.56	14.50
		44	5220	13.65	14.50
		48	5240	13.56	14.50
	802.11n HT20	36	5180	13.68	14.50
		40	5200	13.15	14.50
		44	5220	13.45	14.50
		48	5240	13.37	14.50
	802.11n HT40	38	5190	13.49	14.50
		46	5230	13.60	14.50
	802.11ac VHT20	36	5180	13.57	14.50
		40	5200	13.18	14.50
		44	5220	13.52	14.50
		48	5240	13.21	14.50
	802.11ac VHT40	38	5190	13.49	14.50
		46	5230	13.32	14.50
	802.11ac VHT80	42	5210	12.44	13.50
5GHz U-NII-2A	802.11a	52	5260	13.81	14.50
		56	5280	13.70	14.50
		60	5300	13.55	14.50
		64	5320	13.95	14.50
	802.11n HT20	52	5260	13.41	14.50
		56	5280	13.58	14.50
		60	5300	13.45	14.50
		64	5320	13.80	14.50
	802.11n HT40	54	5270	13.66	14.50
		62	5310	12.74	13.50
	802.11ac VHT20	52	5260	13.43	14.50
		56	5280	13.48	14.50
		60	5300	13.28	14.50
		64	5320	13.75	14.50
	802.11ac VHT40	54	5270	13.54	14.50
		62	5310	12.77	13.50
	802.11ac VHT80	58	5290	11.69	12.50
5GHz UNII-2C	802.11a	100	5500	13.67	14.50
		104	5520	13.68	14.50
		108	5540	13.63	14.50
		112	5560	13.40	14.50
		116	5580	13.07	14.50
		120	5600	13.13	14.50
		124	5620	13.27	14.50
		128	5640	13.05	14.50
		132	5660	13.07	14.50
		136	5680	13.14	14.50
	802.11n HT20	140	5700	12.15	13.00
		144	5720	13.27	14.50
		100	5500	13.74	14.50
		104	5520	13.57	14.50
		108	5540	13.46	14.50
		112	5560	13.31	14.50
	802.11n HT20	116	5580	12.97	14.50
		120	5600	13.14	14.50
		124	5620	13.25	14.50
		128	5640	13.00	14.50
		132	5660	13.02	14.50



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			136	5680	12.96	14.50
			140	5700	12.18	13.00
			144	5720	13.19	14.50
			102	5510	13.79	14.50
			110	5550	13.36	14.50
			118	5590	13.33	14.50
			126	5630	13.50	14.50
			134	5670	13.58	14.50
			142	5710	13.14	14.50
		802.11ac VHT20	100	5500	13.55	14.50
			104	5520	13.36	14.50
			108	5540	13.42	14.50
			112	5560	13.10	14.50
			116	5580	12.97	14.50
			120	5600	12.87	14.50
			124	5620	13.04	14.50
			128	5640	12.95	14.50
			132	5660	12.99	14.50
			136	5680	12.94	14.50
			140	5700	12.16	13.00
			144	5720	13.15	14.50
		802.11ac VHT40	102	5510	13.70	14.50
			110	5550	13.15	14.50
			118	5590	13.31	14.50
			126	5630	13.55	14.50
			134	5670	13.59	14.50
		802.11ac VHT80	142	5710	13.10	14.50
			106	5530	12.63	13.50
			122	5610	13.77	14.50
5GHz UNII-3		802.11a	138	5690	13.80	14.50
			149	5745	13.64	14.50
			153	5765	13.70	14.50
			157	5785	13.53	14.50
			161	5805	13.38	14.50
		802.11n HT20	165	5825	13.38	14.50
			149	5745	13.53	14.50
			153	5765	13.55	14.50
			157	5785	13.31	14.50
			161	5805	13.23	14.50
		802.11n HT40	165	5825	13.30	14.50
			151	5755	13.67	14.50
			159	5795	13.40	14.50
		802.11ac VHT20	149	5745	13.64	14.50
			153	5765	13.40	14.50
			157	5785	13.29	14.50
			161	5805	13.21	14.50
			165	5825	13.13	14.50
		802.11ac VHT40	151	5755	13.41	14.50
			159	5795	13.32	14.50
		802.11ac VHT80	155	5775	13.35	14.50



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WIFI 5G Ant 13 State 6/9 Hotspot&Body Standalone					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	14.63	15.50
		40	5200	14.42	15.50
		44	5220	14.60	15.50
		48	5240	14.45	15.50
	802.11n HT20	36	5180	14.58	15.50
		40	5200	14.17	15.50
		44	5220	14.39	15.50
		48	5240	14.37	15.50
	802.11n HT40	38	5190	14.08	15.00
		46	5230	14.52	15.50
	802.11ac VHT20	36	5180	14.52	15.50
		40	5200	14.33	15.50
		44	5220	14.50	15.50
		48	5240	14.16	15.50
	802.11ac VHT40	38	5190	13.89	15.00
		46	5230	14.44	15.50
	802.11ac VHT80	42	5210	12.44	13.50
5GHz U-NII-2A	802.11a	52	5260	14.87	15.50
		56	5280	14.67	15.50
		60	5300	14.67	15.50
		64	5320	14.87	15.50
	802.11n HT20	52	5260	14.59	15.50
		56	5280	14.58	15.50
		60	5300	14.37	15.50
		64	5320	14.65	15.50
	802.11n HT40	54	5270	14.67	15.50
		62	5310	12.74	13.50
	802.11ac VHT20	52	5260	14.31	15.50
		56	5280	14.55	15.50
		60	5300	14.19	15.50
		64	5320	14.70	15.50
	802.11ac VHT40	54	5270	14.69	15.50
		62	5310	12.77	13.50
	802.11ac VHT80	58	5290	11.69	12.50
5GHz UNII-2C	802.11a	100	5500	14.69	15.50
		104	5520	14.72	15.50
		108	5540	14.58	15.50
		112	5560	14.42	15.50
		116	5580	14.12	15.50
		120	5600	14.21	15.50
		124	5620	14.25	15.50
		128	5640	14.06	15.50
		132	5660	14.10	15.50
		136	5680	14.20	15.50
	802.11n HT20	140	5700	12.15	13.00
		144	5720	14.23	15.50
		100	5500	14.77	15.50
		104	5520	14.65	15.50
		108	5540	14.49	15.50
		112	5560	14.17	15.50
	802.11n HT20	116	5580	14.00	15.50
		120	5600	14.07	15.50
		124	5620	14.26	15.50
		128	5640	13.95	15.50
		132	5660	13.96	15.50



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			136	5680	14.01	15.50
			140	5700	12.18	13.00
			144	5720	14.19	15.50
			102	5510	14.66	15.50
			110	5550	14.31	15.50
			118	5590	14.34	15.50
			126	5630	14.55	15.50
			134	5670	14.59	15.50
			142	5710	14.06	15.50
		802.11ac VHT20	100	5500	14.65	15.50
			104	5520	14.54	15.50
			108	5540	14.45	15.50
			112	5560	13.96	15.50
			116	5580	13.93	15.50
			120	5600	13.88	15.50
			124	5620	14.16	15.50
			128	5640	13.95	15.50
			132	5660	13.98	15.50
			136	5680	14.01	15.50
			140	5700	12.16	13.00
			144	5720	14.28	15.50
		802.11ac VHT40	102	5510	14.71	15.50
			110	5550	14.09	15.50
			118	5590	14.43	15.50
			126	5630	14.41	15.50
			134	5670	14.63	15.50
		802.11ac VHT80	142	5710	14.18	15.50
			106	5530	12.63	13.50
			122	5610	14.69	15.50
5GHz UNII-3		802.11a	138	5690	14.70	15.50
			149	5745	14.78	15.50
			153	5765	14.53	15.50
			157	5785	14.52	15.50
			161	5805	14.37	15.50
		802.11n HT20	165	5825	14.39	15.50
			149	5745	14.48	15.50
			153	5765	14.56	15.50
			157	5785	14.37	15.50
			161	5805	14.30	15.50
		802.11n HT40	165	5825	14.33	15.50
			151	5755	14.60	15.50
			159	5795	14.37	15.50
		802.11ac VHT20	149	5745	14.56	15.50
			153	5765	14.39	15.50
			157	5785	14.25	15.50
			161	5805	14.25	15.50
			165	5825	14.29	15.50
		802.11ac VHT40	151	5755	14.39	15.50
			159	5795	14.32	15.50
		802.11ac VHT80	155	5775	14.32	15.50



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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Services Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

2.3 Conducted Power of Bluetooth

BT Ant 9		Average Conducted Power(dBm)	Tune up	Average Conducted Power(dBm)	Tune up	Average Conducted Power(dBm)	Tune up
Band	Channel	0		39		78	
BT	GFSK	12.34	14.30	12.84	14.50	12.29	13.50
	π/4DQPSK	9.35	12.00	9.99	12.50	9.85	12.00
	8DPSK	9.34	12.00	9.97	12.50	9.81	12.00
Band	Channel	0	Tune up	19	Tune up	39	Tune up
BLE 1M	GFSK	7.73	9.50	8.68	10.50	8.55	10.50

- End of the Appendix -