

# Appendix E

## Conducted RF Output Power

Note:

DSI	Trigger Conditions	Antenna No.
DSI1	Head	Ant.0/1/2/3/4/5
DSI2	Body+Sensor on	Ant.0/1
DSI3	Body+Sensor on	Ant.2
DSI4	Body+Sensor off	Ant.0/1/2/3
DSI5	FCC Hotspot	All WWAN Ant

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## 1 Conducted Power of Legacy

### 1.1 Conducted Power of Legacy (Ant0)

GSM 850 DSI 1&2&3&4&5										
		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	32.64	32.76	32.63	34.00	-9.19	23.45	23.57	23.44	24.81
GPRS (GMSK)	1 TX Slot	32.59	32.75	32.67	34.00	-9.19	23.40	23.56	23.48	24.81
	2 TX Slots	29.82	29.99	29.89	31.50	-6.18	23.64	23.81	23.71	25.32
	3 TX Slots	27.79	27.85	27.80	29.50	-4.42	23.37	23.43	23.38	25.08
	4 TX Slots	25.65	25.78	25.60	27.00	-3.17	22.48	22.61	22.43	23.83
EGPRS (GMSK)	1 TX Slot	32.54	32.78	32.60	34.00	-9.19	23.35	23.59	23.41	24.81
	2 TX Slots	29.83	30.04	29.97	31.50	-6.18	23.65	23.86	23.79	25.32
	3 TX Slots	27.87	27.94	27.72	29.50	-4.42	23.45	23.52	23.30	25.08
	4 TX Slots	25.72	25.82	25.66	27.00	-3.17	22.55	22.65	22.49	23.83
EGPRS (8PSK)	1 TX Slot	26.62	26.75	26.67	28.00	-9.19	17.43	17.56	17.48	18.81
	2 TX Slots	23.41	23.54	23.44	25.00	-6.18	17.23	17.36	17.26	18.82
	3 TX Slots	21.56	21.62	21.46	23.20	-4.42	17.14	17.20	17.04	18.78
	4 TX Slots	20.36	20.47	20.41	22.00	-3.17	17.19	17.30	17.24	18.83

GSM 1900 DSI1&2&3&4&5										
		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	29.81	29.94	29.72	31.00	-9.19	20.62	20.75	20.53	21.81
GPRS (GMSK)	1 TX Slot	29.77	29.84	29.70	31.00	-9.19	20.58	20.65	20.51	21.81
	2 TX Slots	26.83	26.90	26.79	28.50	-6.18	20.65	20.72	20.61	22.32
	3 TX Slots	24.79	24.93	24.83	26.50	-4.42	20.37	20.51	20.41	22.08
	4 TX Slots	23.72	23.85	23.72	24.50	-3.17	20.55	20.68	20.55	21.33
EGPRS (GMSK)	1 TX Slot	29.79	29.82	29.79	31.00	-9.19	20.60	20.63	20.60	21.81
	2 TX Slots	26.90	26.84	26.82	28.50	-6.18	20.72	20.66	20.64	22.32
	3 TX Slots	24.83	24.92	24.92	26.50	-4.42	20.41	20.50	20.50	22.08
	4 TX Slots	23.67	23.88	23.64	24.50	-3.17	20.50	20.71	20.47	21.33
EGPRS (8PSK)	1 TX Slot	25.49	25.62	25.55	27.00	-9.19	16.30	16.43	16.36	17.81
	2 TX Slots	22.48	22.58	22.51	24.00	-6.18	16.30	16.40	16.33	17.82
	3 TX Slots	20.41	20.54	20.45	22.20	-4.42	15.99	16.12	16.03	17.78
	4 TX Slots	19.31	19.41	19.32	21.00	-3.17	16.14	16.24	16.15	17.83



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WCDMA Band II DSI 1&4					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.85	23.98	23.87	25.00
	12.2kbps AMR	23.84	23.94	23.85	25.00
HSDPA	Subtest 1	22.62	22.76	22.71	24.00
	Subtest 2	22.57	22.79	22.74	24.00
	Subtest 3	22.65	22.81	22.79	24.00
	Subtest 4	22.59	22.81	22.77	24.00
HSUPA	Subtest 1	20.67	20.79	20.75	22.00
	Subtest 2	20.66	20.89	20.83	22.00
	Subtest 3	21.53	21.87	21.74	23.00
	Subtest 4	20.64	20.78	20.81	22.00
DC-HSDPA	Subtest 1	21.64	21.77	21.72	23.00
	Subtest 2	22.70	22.69	22.63	24.00
	Subtest 3	22.51	22.88	22.69	24.00
	Subtest 4	22.67	22.88	22.89	24.00
HSPA+	Subtest 1	22.49	22.74	22.67	24.00
	Subtest 2	21.54	21.71	21.72	23.00
	Subtest 3				
	Subtest 4				

WCDMA Band II DSI 2&3&5					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.44	19.53	19.38	20.50
	12.2kbps AMR	19.34	19.51	19.33	20.50
HSDPA	Subtest 1	17.91	18.04	17.95	19.50
	Subtest 2	17.87	18.03	18.04	19.50
	Subtest 3	18.01	18.14	18.08	19.50
	Subtest 4	17.92	18.08	18.07	19.50
HSUPA	Subtest 1	16.02	16.11	16.08	17.50
	Subtest 2	16.01	16.16	16.13	17.50
	Subtest 3	16.86	17.17	17.07	18.50
	Subtest 4	15.98	16.05	16.06	17.50
DC-HSDPA	Subtest 1	16.93	17.09	17.03	18.50
	Subtest 2	17.92	18.09	17.86	19.50
	Subtest 3	17.81	18.08	18.14	19.50
	Subtest 4	18.02	18.23	18.14	19.50
HSPA+	Subtest 1	17.88	18.16	17.98	19.50
	Subtest 2	16.86	17.01	17.00	18.50
	Subtest 3				
	Subtest 4				

WCDMA Band IV DSI 1&4					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.66	23.74	23.71	25.00
	12.2kbps AMR	23.65	23.65	23.68	25.00
HSDPA	Subtest 1	22.28	22.48	22.36	24.00
	Subtest 2	22.25	22.49	22.39	24.00
	Subtest 3	22.36	22.58	22.45	24.00
	Subtest 4	22.28	22.47	22.43	24.00
HSUPA	Subtest 1	20.34	20.48	20.49	22.00
	Subtest 2	20.35	20.51	20.54	22.00
	Subtest 3	21.30	21.61	21.47	23.00
	Subtest 4	20.37	20.47	20.48	22.00
DC-HSDPA	Subtest 1	21.40	21.44	21.45	23.00
	Subtest 2	22.33	22.40	22.31	24.00
	Subtest 3	22.17	22.49	22.30	24.00
	Subtest 4	22.29	22.58	22.49	24.00
HSPA+	Subtest 1	22.22	22.54	22.48	24.00
	Subtest 2	21.31	21.44	21.42	23.00
	Subtest 3				
	Subtest 4				



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Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.67	19.78	19.71	21.00
	12.2kbps AMR	19.57	19.73	19.62	21.00
HSDPA	Subtest 1	18.30	18.48	18.45	20.00
	Subtest 2	18.29	18.49	18.50	20.00
	Subtest 3	18.47	18.63	18.49	20.00
	Subtest 4	18.37	18.53	18.55	20.00
HSUPA	Subtest 1	16.42	16.58	16.54	18.00
	Subtest 2	16.43	16.59	16.53	18.00
	Subtest 3	17.39	17.60	17.58	19.00
	Subtest 4	16.47	16.59	16.57	18.00
	Subtest 5	17.40	17.54	17.55	19.00
DC-HSDPA	Subtest 1	18.35	18.48	18.45	20.00
	Subtest 2	18.23	18.41	18.47	20.00
	Subtest 3	18.45	18.55	18.57	20.00
	Subtest 4	18.30	18.61	18.59	20.00
HSPA+	16QAM	17.39	17.48	17.42	19.00

WCDMA Band V DSI1&2&3&4&5					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.63	23.77	23.74	25.00
	12.2kbps AMR	23.61	23.71	23.72	25.00
HSDPA	Subtest 1	22.61	22.82	22.73	24.00
	Subtest 2	22.54	22.83	22.78	24.00
	Subtest 3	22.63	22.83	22.78	24.00
	Subtest 4	22.62	22.79	22.71	24.00
HSUPA	Subtest 1	20.64	20.82	20.87	22.00
	Subtest 2	20.75	20.91	20.86	22.00
	Subtest 3	21.55	21.94	21.78	23.00
	Subtest 4	20.74	20.85	20.85	22.00
	Subtest 5	21.62	21.83	21.74	23.00
DC-HSDPA	Subtest 1	22.55	22.82	22.72	24.00
	Subtest 2	22.57	22.79	22.73	24.00
	Subtest 3	22.61	22.81	22.84	24.00
	Subtest 4	22.69	22.78	22.72	24.00
HSPA+	16QAM	21.66	21.79	21.76	23.00



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LTE Band 2 DSI 1&4				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				18607	18900	19193			
1.4MHz	QPSK	1	0	24.45	24.42	24.45	25.50		
		1	2	23.95	24.31	24.05	25.50		
		1	5	24.08	24.15	24.01	25.50		
		3	0	24.00	24.37	24.48	25.50		
		3	2	24.26	24.32	24.18	25.50		
		3	3	24.08	24.17	24.10	25.50		
	16QAM	6	0	22.94	23.32	22.93	24.50		
		1	0	23.07	23.04	23.35	24.50		
		1	2	23.29	23.26	23.21	24.50		
		1	5	22.98	23.09	22.93	24.50		
		3	0	23.30	23.15	23.32	24.50		
		3	2	23.04	22.83	23.14	24.50		
	64QAM	3	3	22.94	23.00	22.94	24.50		
		6	0	22.06	22.17	22.13	23.50		
		1	0	22.09	22.24	21.99	23.50		
		1	2	22.05	22.13	22.36	23.50		
		1	5	22.06	22.03	21.92	23.50		
		3	0	22.12	22.07	22.08	23.50		
	256QAM	3	2	22.09	22.49	22.22	23.50		
		3	3	21.89	22.23	22.08	23.50		
		6	0	20.82	21.39	21.28	22.50		
		1	0	19.10	19.12	19.13	20.50		
		1	2	19.29	18.93	18.89	20.50		
		1	5	19.00	18.97	19.19	20.50		
3MHz	QPSK	3	0	19.03	19.13	18.84	20.50		
		3	2	19.12	19.18	19.21	20.50		
		3	3	19.10	19.22	18.86	20.50		
		6	0	19.33	19.17	19.14	20.50		
		1	0	24.55	24.44	24.38	25.50		
		1	7	23.93	24.25	24.13	25.50		
	16QAM	1	14	24.18	24.08	24.06	25.50		
		8	0	23.06	23.42	23.40	24.50		
		8	4	23.32	23.40	23.12	24.50		
		8	7	23.17	23.11	23.20	24.50		
		15	0	23.01	23.42	23.00	24.50		
		1	0	23.01	23.00	23.41	24.50		
	64QAM	1	7	23.20	23.22	23.14	24.50		
		1	14	22.95	23.15	23.01	24.50		
		8	0	22.20	22.24	22.34	23.50		
		8	4	21.97	21.83	22.06	23.50		
		8	7	21.85	22.03	21.92	23.50		
		15	0	22.12	22.11	22.04	23.50		
	256QAM	1	0	22.14	22.16	22.07	23.50		
		1	7	22.05	22.21	22.29	23.50		
		1	14	22.09	22.03	22.01	23.50		
		8	0	21.19	21.17	21.04	22.50		
		8	4	21.13	21.41	21.16	22.50		
		8	7	20.88	21.16	21.10	22.50		
5MHz	QPSK	15	0	20.89	21.29	21.19	22.50		
		1	0	19.05	19.03	19.18	20.50		
		1	7	19.30	18.98	18.93	20.50		
		1	14	19.09	19.01	19.25	20.50		
		8	0	19.00	19.15	18.80	20.50		
		8	4	19.07	19.18	19.23	20.50		
		8	7	19.17	19.25	18.93	20.50		
		15	0	19.23	19.16	19.18	20.50		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						18625	18900	19175	
						1	0	24.47	
		5MHz	QPSK	1	13	23.97	24.27	24.22	25.50
1	24					24.24	24.16	24.12	25.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				18650	18900	19150			
10MHz	16QAM	12	0	23.15	23.37	23.48	24.50		
		12	6	23.36	23.31	23.14	24.50		
		12	13	23.22	23.11	23.10	24.50		
		25	0	23.10	23.41	22.98	24.50		
		1	0	23.03	23.07	23.31	24.50		
		1	13	23.28	23.21	23.05	24.50		
		1	24	23.04	23.23	23.11	24.50		
		12	0	22.15	22.27	22.24	23.50		
		12	6	22.03	21.93	22.05	23.50		
		12	13	21.92	22.03	21.99	23.50		
		25	0	22.09	22.19	22.14	23.50		
		64QAM	1	0	22.05	22.23	22.02	23.50	
	1		13	22.14	22.29	22.19	23.50		
	1		24	22.06	22.13	21.98	23.50		
	12		0	21.15	21.14	21.10	22.50		
	12		6	21.23	21.35	21.18	22.50		
	12		13	20.86	21.23	21.19	22.50		
	25		0	20.85	21.24	21.23	22.50		
	256QAM		1	0	19.13	19.08	19.10	20.50	
			1	13	19.32	19.02	19.02	20.50	
			1	24	19.05	19.06	19.22	20.50	
			12	0	18.94	19.20	18.86	20.50	
			12	6	18.97	19.20	19.25	20.50	
		12	13	19.17	19.19	18.96	20.50		
		25	0	19.17	19.08	19.16	20.50		
		15MHz	QPSK	1	0	24.42	24.44	24.44	25.50
	1			25	23.95	24.29	24.31	25.50	
	1			49	24.14	24.14	24.14	25.50	
	25			0	23.19	23.37	23.42	24.50	
	25			13	23.27	23.21	23.20	24.50	
	25			25	23.26	23.20	23.20	24.50	
	50			0	23.01	23.38	22.97	24.50	
	16QAM			1	0	23.08	23.10	23.21	24.50
				1	25	23.31	23.20	23.06	24.50
				1	49	23.10	23.31	23.03	24.50
				25	0	22.10	22.19	22.19	23.50
				25	13	22.07	22.03	21.98	23.50
			25	25	21.99	22.13	21.97	23.50	
	64QAM		50	0	22.07	22.15	22.22	23.50	
			1	0	22.08	22.24	21.92	23.50	
			1	25	22.15	22.33	22.13	23.50	
			1	49	22.00	22.13	22.04	23.50	
			25	0	21.09	21.22	21.06	22.50	
			25	13	21.17	21.28	21.10	22.50	
	256QAM		25	25	20.90	21.21	21.17	22.50	
			50	0	20.93	21.15	21.14	22.50	
			1	0	19.08	19.05	19.06	20.50	
			1	25	19.23	18.93	19.04	20.50	
1			49	19.08	19.10	19.18	20.50		
25		0	19.01	19.22	18.95	20.50			
25		13	19.06	19.16	19.16	20.50			
25		25	19.15	19.23	19.02	20.50			
50	0	19.10	19.17	19.23	20.50				



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	64QAM	36	39	21.99	22.22	22.04	23.50	
		75	0	22.01	22.10	22.17	23.50	
		1	0	22.13	22.22	21.96	23.50	
		1	38	22.06	22.23	22.09	23.50	
		1	74	22.03	22.07	22.03	23.50	
		36	0	21.02	21.27	21.04	22.50	
		36	18	21.12	21.29	21.06	22.50	
		36	39	20.92	21.28	21.22	22.50	
	256QAM	75	0	21.00	21.19	21.08	22.50	
		1	0	19.06	19.14	19.04	20.50	
		1	38	19.14	19.01	19.07	20.50	
		1	74	19.02	19.18	19.10	20.50	
		36	0	19.09	19.13	19.01	20.50	
		36	18	18.98	19.25	19.09	20.50	
		36	39	19.11	19.22	19.04	20.50	
		75	0	19.16	19.26	19.15	20.50	
	20MHz	QPSK	1	0	24.56	24.61	24.55	25.50
			1	50	24.02	24.16	24.18	25.50
			1	99	24.12	24.16	24.14	25.50
			50	0	23.57	23.66	23.63	24.50
			50	25	23.33	23.27	23.20	24.50
			50	50	23.24	23.36	23.18	24.50
			100	0	23.19	23.39	23.18	24.50
			16QAM	1	0	23.11	23.17	23.10
		1		50	23.16	23.26	23.01	24.50
		1		99	23.12	23.24	23.08	24.50
		50		0	22.12	22.19	22.20	23.50
		50		25	22.06	22.11	22.11	23.50
50		50		22.07	22.26	22.05	23.50	
100		0		22.10	22.10	22.16	23.50	
64QAM		1		0	22.09	22.23	21.99	23.50
		1	50	22.13	22.14	22.16	23.50	
		1	99	22.06	22.16	22.07	23.50	
		50	0	21.12	21.17	21.13	22.50	
		50	25	21.16	21.20	21.08	22.50	
		50	50	20.94	21.19	21.15	22.50	
		100	0	21.02	21.20	21.07	22.50	
		256QAM	1	0	19.03	19.20	19.03	20.50
1			50	19.05	19.11	19.08	20.50	
1			99	19.06	19.22	19.06	20.50	
50			0	19.13	19.15	19.05	20.50	
50			25	19.04	19.15	19.07	20.50	
50			50	19.15	19.24	19.07	20.50	
100			0	19.06	19.17	19.11	20.50	

LTE Band 2 DSI 2&3&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.79	19.42	19.32	21.00
		1	2	19.49	19.49	19.33	21.00
		1	5	19.42	19.28	19.36	21.00
		3	0	19.49	19.43	19.50	21.00
		3	2	19.31	19.21	19.12	21.00
		3	3	19.34	19.14	19.47	21.00
		6	0	19.18	19.47	19.33	21.00
		16QAM	1	0	19.44	19.02	19.39
	1		2	19.26	19.62	19.18	21.00
	1		5	19.17	19.28	19.15	21.00
	3		0	19.22	19.14	19.29	21.00
	3		2	19.14	19.27	19.11	21.00
	3		3	19.24	19.00	19.37	21.00
	6		0	19.44	19.27	19.21	21.00
	64QAM		1	0	19.11	19.29	19.34
		1	2	19.37	19.47	19.25	21.00
		1	5	19.29	19.53	19.15	21.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18615	18900	19185		
3MHz	256QAM	3	0	19.22	19.17	19.20	21.00	
		3	2	19.37	19.21	19.46	21.00	
		3	3	19.18	19.22	19.11	21.00	
		6	0	19.41	19.10	19.07	21.00	
		1	0	18.73	18.72	18.87	20.50	
		1	2	18.67	18.73	18.77	20.50	
		1	5	18.64	18.65	18.71	20.50	
		3	0	18.84	18.78	18.87	20.50	
		3	2	18.73	18.76	18.77	20.50	
	3	3	18.85	18.67	18.67	20.50		
	6	0	18.60	18.70	19.05	20.50		
	3MHz	QPSK	1	0	19.71	19.40	19.42	21.00
			1	7	19.39	19.50	19.26	21.00
			1	14	19.32	19.29	19.36	21.00
			8	0	19.49	19.51	19.46	21.00
			8	4	19.24	19.29	19.15	21.00
			8	7	19.31	19.19	19.42	21.00
			15	0	19.15	19.49	19.42	21.00
		16QAM	1	0	19.37	19.11	19.49	21.00
			1	7	19.17	19.53	19.12	21.00
			1	14	19.10	19.24	19.20	21.00
			8	0	19.15	19.17	19.22	21.00
			8	4	19.24	19.17	19.13	21.00
			8	7	19.32	19.09	19.28	21.00
			15	0	19.36	19.30	19.18	21.00
		64QAM	1	0	19.01	19.25	19.27	21.00
			1	7	19.30	19.38	19.17	21.00
			1	14	19.20	19.49	19.19	21.00
8			0	19.21	19.24	19.12	21.00	
8			4	19.28	19.23	19.44	21.00	
8			7	19.21	19.15	19.15	21.00	
15			0	19.37	19.16	19.09	21.00	
256QAM		1	0	18.66	18.73	18.81	20.50	
		1	7	18.60	18.82	18.69	20.50	
		1	14	18.70	18.70	18.69	20.50	
		8	0	18.86	18.75	18.81	20.50	
		8	4	18.72	18.86	18.75	20.50	
		8	7	18.84	18.75	18.69	20.50	
		15	0	18.64	18.78	18.95	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18625	18900	19175		
5MHz	QPSK	1	0	19.72	19.48	19.50	21.00	
		1	13	19.39	19.50	19.33	21.00	
		1	24	19.32	19.38	19.35	21.00	
		12	0	19.45	19.54	19.38	21.00	
		12	6	19.20	19.34	19.25	21.00	
		12	13	19.32	19.29	19.36	21.00	
		25	0	19.20	19.43	19.35	21.00	
	16QAM	1	0	19.37	19.18	19.46	21.00	
		1	13	19.24	19.44	19.16	21.00	
		1	24	19.17	19.20	19.23	21.00	
		12	0	19.11	19.27	19.27	21.00	
		12	6	19.17	19.24	19.19	21.00	
		12	13	19.40	19.14	19.36	21.00	
		25	0	19.40	19.31	19.08	21.00	
	64QAM	1	0	19.03	19.22	19.36	21.00	
		1	13	19.39	19.40	19.19	21.00	
		1	24	19.27	19.39	19.20	21.00	
		12	0	19.23	19.27	19.21	21.00	
		12	6	19.25	19.33	19.36	21.00	
		12	13	19.17	19.25	19.12	21.00	
		25	0	19.33	19.19	19.13	21.00	
	256QAM	1	0	18.75	18.82	18.87	20.50	
		1	13	18.64	18.81	18.83	20.50	
		1	24	18.78	18.65	18.63	20.50	
		12	0	18.79	18.72	18.81	20.50	
		12	6	18.74	18.89	18.74	20.50	



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Bandwidth	Modulation	12	13	18.80	18.75	18.77	20.50
		25	0	18.56	18.77	18.89	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	19.64	19.56	19.54	21.00
		1	25	19.43	19.48	19.37	21.00
		1	49	19.33	19.33	19.39	21.00
		25	0	19.46	19.46	19.39	21.00
		25	13	19.30	19.37	19.27	21.00
		25	25	19.32	19.35	19.40	21.00
		50	0	19.15	19.35	19.26	21.00
	16QAM	1	0	19.36	19.26	19.40	21.00
		1	25	19.18	19.37	19.21	21.00
		1	49	19.22	19.19	19.30	21.00
		25	0	19.06	19.25	19.18	21.00
		25	13	19.27	19.28	19.22	21.00
		25	25	19.31	19.19	19.30	21.00
		50	0	19.38	19.33	19.18	21.00
	64QAM	1	0	19.11	19.27	19.27	21.00
		1	25	19.35	19.48	19.09	21.00
		1	49	19.35	19.33	19.13	21.00
		25	0	19.24	19.36	19.19	21.00
		25	13	19.28	19.40	19.42	21.00
		25	25	19.25	19.29	19.15	21.00
		50	0	19.23	19.16	19.03	21.00
	256QAM	1	0	18.73	18.82	18.78	20.50
		1	25	18.68	18.72	18.51	20.50
		1	49	18.86	18.67	18.60	20.50
		25	0	18.74	18.64	18.79	20.50
		25	13	18.79	18.90	18.75	20.50
		25	25	18.84	18.85	18.82	20.50
		50	0	18.62	18.83	18.82	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	19.69	19.62	19.55	21.00
		1	38	19.49	19.45	19.41	21.00
		1	74	19.31	19.40	19.47	21.00
		36	0	19.38	19.49	19.45	21.00
		36	18	19.29	19.37	19.26	21.00
		36	39	19.33	19.34	19.39	21.00
		75	0	19.24	19.34	19.18	21.00
	16QAM	1	0	19.26	19.23	19.30	21.00
		1	38	19.20	19.36	19.29	21.00
		1	74	19.21	19.29	19.30	21.00
		36	0	19.15	19.32	19.23	21.00
		36	18	19.23	19.28	19.14	21.00
		36	39	19.33	19.29	19.29	21.00
		75	0	19.28	19.42	19.26	21.00
	64QAM	1	0	19.19	19.25	19.25	21.00
		1	38	19.35	19.41	19.17	21.00
		1	74	19.26	19.25	19.05	21.00
		36	0	19.21	19.35	19.18	21.00
		36	18	19.30	19.32	19.32	21.00
		36	39	19.18	19.34	19.11	21.00
		75	0	19.28	19.20	19.13	21.00
	256QAM	1	0	18.65	18.72	18.74	20.50
		1	38	18.60	18.78	18.60	20.50
		1	74	18.87	18.77	18.61	20.50
		36	0	18.65	18.73	18.71	20.50
		36	18	18.73	18.83	18.77	20.50
		36	39	18.88	18.86	18.87	20.50
		75	0	18.62	18.77	18.78	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.83	19.88	19.75	21.00
		1	50	19.40	19.54	19.43	21.00
		1	99	19.36	19.50	19.46	21.00
		50	0	19.71	19.84	19.77	21.00
		50	25	19.31	19.44	19.31	21.00



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		50	50	19.33	19.44	19.39	21.00
		100	0	19.19	19.62	19.35	21.00
	16QAM	1	0	19.18	19.27	19.20	21.00
		1	50	19.25	19.31	19.25	21.00
		1	99	19.16	19.27	19.22	21.00
		50	0	19.20	19.28	19.15	21.00
		50	25	19.23	19.34	19.22	21.00
		50	50	19.29	19.33	19.21	21.00
		100	0	19.19	19.33	19.18	21.00
	64QAM	1	0	19.16	19.28	19.21	21.00
		1	50	19.27	19.35	19.25	21.00
		1	99	19.20	19.27	19.15	21.00
		50	0	19.13	19.27	19.19	21.00
		50	25	19.23	19.32	19.23	21.00
		50	50	19.22	19.28	19.15	21.00
		100	0	19.22	19.28	19.14	21.00
	256QAM	1	0	18.68	18.80	18.68	20.50
		1	50	18.70	18.74	18.62	20.50
		1	99	18.79	18.84	18.69	20.50
		50	0	18.67	18.77	18.64	20.50
50		25	18.78	18.87	18.81	20.50	
50		50	18.78	18.86	18.79	20.50	
100		0	18.70	18.85	18.74	20.50	

LTE Band 4 DSI 1&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	24.06	24.10	24.02	25.50
		1	2	23.97	23.91	23.85	25.50
		1	5	24.12	24.05	23.95	25.50
		3	0	24.21	24.20	24.24	25.50
		3	2	23.72	23.79	23.85	25.50
		3	3	23.96	23.97	24.04	25.50
		6	0	22.81	22.89	22.95	24.50
	16QAM	1	0	23.08	23.05	23.08	24.50
		1	2	22.99	23.08	23.07	24.50
		1	5	23.08	23.01	23.11	24.50
		3	0	22.80	22.85	22.88	24.50
		3	2	22.79	22.82	22.75	24.50
		3	3	22.83	22.74	22.75	24.50
		6	0	21.65	21.74	21.67	23.50
	64QAM	1	0	22.02	21.93	22.01	23.50
		1	2	21.94	21.88	21.87	23.50
		1	5	21.96	22.03	22.08	23.50
		3	0	22.06	21.97	21.99	23.50
		3	2	21.93	21.86	21.76	23.50
		3	3	22.16	22.06	21.96	23.50
		6	0	20.92	20.88	20.95	22.50
	256QAM	1	0	18.91	18.89	18.87	20.50
		1	2	18.53	18.54	18.55	20.50
		1	5	19.22	19.14	19.10	20.50
		3	0	18.86	18.88	18.82	20.50
		3	2	19.02	19.08	19.10	20.50
		3	3	18.75	18.84	18.87	20.50
		6	0	18.76	18.72	18.70	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	24.21	24.16	24.25	25.50
		1	7	23.98	23.91	23.86	25.50
		1	14	23.87	23.97	24.06	25.50
		8	0	23.11	23.11	23.05	24.50
		8	4	22.71	22.77	22.79	24.50
		8	7	23.03	23.04	22.95	24.50
		15	0	23.00	22.99	22.89	24.50
	16QAM	1	0	22.95	23.05	23.11	24.50
		1	7	22.90	22.99	22.91	24.50
		1	14	23.04	23.08	22.99	24.50



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		8	0	21.78	21.84	21.93	23.50
		8	4	21.83	21.84	21.91	23.50
		8	7	21.69	21.71	21.76	23.50
		15	0	21.80	21.78	21.87	23.50
		15	7	21.79	21.82	21.92	23.50
	64QAM	1	0	21.90	21.94	21.86	23.50
		1	7	21.79	21.82	21.92	23.50
		1	14	22.06	22.01	21.95	23.50
		8	0	21.10	21.07	21.05	22.50
		8	4	20.76	20.77	20.68	22.50
	256QAM	8	7	20.94	20.98	20.88	22.50
		15	0	20.75	20.80	20.73	22.50
		1	0	18.90	18.91	18.82	20.50
		1	7	18.62	18.62	18.52	20.50
		1	14	19.18	19.14	19.10	20.50
	8	0	18.91	18.84	18.79	20.50	
	8	4	19.15	19.06	19.08	20.50	
	8	7	19.01	18.91	18.83	20.50	
	15	0	18.62	18.71	18.72	20.50	
	15	7	18.62	18.71	18.72	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.98	24.06	24.15	25.50
		1	13	23.84	23.86	23.91	25.50
		1	24	24.09	24.01	23.96	25.50
		12	0	23.24	23.19	23.15	24.50
		12	6	22.81	22.81	22.75	24.50
		12	13	23.07	23.09	23.00	24.50
	16QAM	25	0	23.12	23.09	23.14	24.50
		1	0	22.88	22.95	22.89	24.50
		1	13	22.94	23.04	22.96	24.50
		1	24	22.94	23.04	23.00	24.50
		12	0	21.94	21.86	21.96	23.50
		12	6	21.95	21.85	21.95	23.50
	64QAM	12	13	21.64	21.67	21.73	23.50
		25	0	21.61	21.70	21.60	23.50
		1	0	22.00	22.01	22.11	23.50
		1	13	21.69	21.72	21.66	23.50
		1	24	21.95	21.95	22.05	23.50
		12	0	20.95	21.03	20.94	22.50
	256QAM	12	6	20.82	20.83	20.86	22.50
		12	13	21.00	20.91	20.96	22.50
		25	0	20.94	20.89	20.98	22.50
		1	0	18.87	18.91	18.83	20.50
		1	13	18.60	18.61	18.62	20.50
		1	24	18.95	19.05	19.08	20.50
		12	0	18.92	18.94	18.97	20.50
12		6	19.02	19.05	18.98	20.50	
12		13	18.91	18.92	19.02	20.50	
25		0	18.68	18.66	18.58	20.50	
25		7	18.68	18.66	18.58	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.91	24.00	24.09	25.50
		1	25	23.73	23.83	23.90	25.50
		1	49	24.00	23.98	23.93	25.50
		25	0	23.17	23.22	23.16	24.50
		25	13	22.85	22.84	22.74	24.50
		25	25	22.97	23.03	23.06	24.50
	16QAM	50	0	23.03	23.04	22.96	24.50
		1	0	22.87	22.91	22.95	24.50
		1	25	23.06	23.03	22.94	24.50
		1	49	23.04	22.97	23.06	24.50
		25	0	21.77	21.85	21.81	23.50
		25	13	21.78	21.85	21.78	23.50
	64QAM	25	25	21.77	21.75	21.75	23.50
		50	0	21.87	21.78	21.83	23.50
		1	0	21.97	21.95	21.91	23.50
		1	25	21.77	21.79	21.78	23.50
		1	49	22.12	22.02	22.12	23.50
		25	0	20.98	20.98	21.01	22.50
25	13	20.87	20.90	20.95	22.50		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	256QAM	25	25	20.77	20.84	20.88	22.50	
		50	0	20.76	20.79	20.80	22.50	
		1	0	18.94	18.87	18.77	20.50	
		1	25	18.73	18.69	18.69	20.50	
		1	49	18.97	18.96	18.89	20.50	
		25	0	18.76	18.84	18.81	20.50	
		25	13	19.11	19.01	19.09	20.50	
	25	25	18.86	18.89	18.88	20.50		
	50	0	18.75	18.68	18.78	20.50		
	15MHz	QPSK	1	0	24.10	24.05	24.00	25.50
			1	38	23.85	23.83	23.85	25.50
			1	74	24.07	23.97	23.93	25.50
			36	0	23.19	23.20	23.23	24.50
			36	18	22.82	22.90	22.98	24.50
36			39	23.07	23.07	23.07	24.50	
75			0	22.98	23.00	22.91	24.50	
16QAM		1	0	22.90	22.83	22.79	24.50	
		1	38	22.94	23.02	22.98	24.50	
		1	74	23.06	23.00	23.02	24.50	
		36	0	22.00	21.92	21.85	23.50	
		36	18	21.78	21.78	21.71	23.50	
		36	39	21.88	21.85	21.83	23.50	
		75	0	21.87	21.81	21.77	23.50	
64QAM		1	0	21.83	21.93	22.03	23.50	
		1	38	21.87	21.87	21.82	23.50	
		1	74	22.07	21.99	21.91	23.50	
		36	0	20.98	20.88	20.89	22.50	
		36	18	20.94	20.87	20.91	22.50	
		36	39	20.84	20.83	20.73	22.50	
		75	0	20.81	20.86	20.76	22.50	
256QAM		1	0	18.97	18.93	18.89	20.50	
		1	38	18.81	18.72	18.67	20.50	
		1	74	18.95	18.97	18.93	20.50	
		36	0	18.89	18.82	18.86	20.50	
		36	18	18.98	18.93	18.98	20.50	
		36	39	18.77	18.80	18.80	20.50	
		75	0	18.76	18.75	18.75	20.50	
20MHz	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	20175	/	
20MHz	QPSK	1	0	/	24.29	/	25.50	
		1	50	/	23.82	/	25.50	
		1	99	/	23.92	/	25.50	
		50	0	/	23.21	/	24.50	
		50	25	/	22.97	/	24.50	
		50	50	/	23.09	/	24.50	
		100	0	/	23.14	/	24.50	
	16QAM	1	0	/	22.92	/	24.50	
		1	50	/	22.94	/	24.50	
		1	99	/	22.96	/	24.50	
		50	0	/	21.87	/	23.50	
		50	25	/	21.86	/	23.50	
		50	50	/	21.92	/	23.50	
		100	0	/	21.80	/	23.50	
	64QAM	1	0	/	21.93	/	23.50	
		1	50	/	21.88	/	23.50	
		1	99	/	21.89	/	23.50	
		50	0	/	20.93	/	22.50	
		50	25	/	20.91	/	22.50	
		50	50	/	20.92	/	22.50	
		100	0	/	20.95	/	22.50	
	256QAM	1	0	/	18.93	/	20.50	
		1	50	/	18.79	/	20.50	
		1	99	/	18.90	/	20.50	
		50	0	/	18.84	/	20.50	
		50	25	/	18.89	/	20.50	
		50	50	/	18.90	/	20.50	
		100	0	/	18.84	/	20.50	



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LTE Band 4 DSI 2&3&5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	19.96	20.00	20.02	21.50	
		1	2	19.73	19.74	19.80	21.50	
		1	5	19.96	19.90	19.95	21.50	
		3	0	19.98	20.00	19.96	21.50	
		3	2	19.65	19.66	19.63	21.50	
		3	3	19.51	19.50	19.51	21.50	
	16QAM	6	0	19.57	19.61	19.55	21.50	
		1	0	19.75	19.67	19.73	21.50	
		1	2	19.71	19.75	19.80	21.50	
		1	5	19.96	19.96	19.92	21.50	
		3	0	20.10	20.08	20.11	21.50	
		3	2	19.67	19.59	19.55	21.50	
	64QAM	3	3	19.91	19.90	19.90	21.50	
		6	0	19.55	19.63	19.57	21.50	
		1	0	19.81	19.77	19.76	21.50	
		1	2	19.76	19.75	19.84	21.50	
		1	5	19.80	19.78	19.72	21.50	
		3	0	19.66	19.56	19.77	21.50	
	256QAM	3	2	19.81	19.82	19.78	21.50	
		3	3	19.68	19.68	19.65	21.50	
		6	0	19.73	19.83	19.78	21.50	
		1	0	18.83	18.76	18.70	20.50	
		1	2	18.77	18.71	18.71	20.50	
		1	5	18.93	18.86	18.79	20.50	
	3MHz	QPSK	3	0	18.90	18.90	18.96	20.50
			3	2	18.64	18.69	18.62	20.50
			3	3	18.85	18.83	18.86	20.50
			6	0	18.92	18.92	18.88	20.50
1			0	19.94	19.95	20.00	21.50	
1			7	19.73	19.72	19.69	21.50	
16QAM		1	14	19.96	19.89	19.88	21.50	
		8	0	20.13	20.03	20.01	21.50	
		8	4	19.66	19.62	19.66	21.50	
		8	7	19.58	19.53	19.60	21.50	
		15	0	19.58	19.56	19.55	21.50	
		1	0	19.67	19.66	19.70	21.50	
64QAM		1	7	19.87	19.78	19.71	21.50	
		1	14	19.82	19.87	19.85	21.50	
		8	0	20.08	20.03	20.02	21.50	
		8	4	19.52	19.53	19.55	21.50	
		8	7	19.89	19.93	20.01	21.50	
		15	0	19.68	19.68	19.65	21.50	
256QAM		1	0	19.90	19.80	19.70	21.50	
		1	7	19.81	19.80	19.72	21.50	
		1	14	19.78	19.81	19.81	21.50	
		8	0	19.58	19.51	19.50	21.50	
		8	4	19.86	19.91	19.98	21.50	
		8	7	19.71	19.73	19.80	21.50	
QPSK		15	0	19.82	19.79	19.70	21.50	
		1	0	18.68	18.75	18.77	20.50	
		1	7	18.76	18.77	18.79	20.50	
		1	14	18.70	18.76	18.78	20.50	
	8	0	18.86	18.93	18.93	20.50		
	8	4	18.71	18.69	18.64	20.50		
5MHz	QPSK	8	7	18.79	18.88	18.79	20.50	
		15	0	18.87	18.87	18.87	20.50	
		1	0	19.94	20.03	20.10	21.50	
		1	13	19.68	19.73	19.80	21.50	
		1	24	19.80	19.87	19.90	21.50	
		1	0	19.94	19.95	20.00	21.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20000	20175	20350			
10MHz	16QAM	12	0	20.00	19.95	19.99	21.50		
		12	6	19.75	19.69	19.67	21.50		
		12	13	19.65	19.62	19.52	21.50		
		25	0	19.64	19.64	19.63	21.50		
		1	0	19.69	19.75	19.76	21.50		
		1	13	19.80	19.82	19.72	21.50		
		1	24	19.91	19.90	19.88	21.50		
		12	0	20.03	19.95	19.97	21.50		
		12	6	19.59	19.58	19.59	21.50		
		12	13	19.88	19.85	19.77	21.50		
		25	0	19.76	19.77	19.70	21.50		
		64QAM	1	0	19.79	19.85	19.83	21.50	
	1		13	19.66	19.71	19.75	21.50		
	1		24	19.95	19.89	19.85	21.50		
	12		0	19.52	19.60	19.69	21.50		
	12		6	20.08	19.99	20.08	21.50		
	12		13	19.83	19.75	19.75	21.50		
	25		0	19.77	19.76	19.84	21.50		
	256QAM		1	0	18.57	18.67	18.64	20.50	
			1	13	18.81	18.77	18.67	20.50	
			1	24	18.76	18.69	18.74	20.50	
			12	0	18.94	18.88	18.79	20.50	
			12	6	18.80	18.79	18.88	20.50	
		12	13	18.87	18.79	18.72	20.50		
		25	0	18.93	18.94	19.04	20.50		
		15MHz	QPSK	1	0	20.03	19.99	19.89	21.50
	1			25	19.76	19.82	19.81	21.50	
	1			49	19.98	19.95	19.99	21.50	
	25			0	19.80	19.90	19.92	21.50	
	25			13	19.72	19.69	19.73	21.50	
	25			25	19.69	19.68	19.70	21.50	
	50			0	19.61	19.66	19.69	21.50	
	16QAM			1	0	19.75	19.74	19.83	21.50
				1	25	19.77	19.78	19.69	21.50
				1	49	20.08	20.00	20.06	21.50
				25	0	20.00	19.97	20.07	21.50
				25	13	19.71	19.68	19.62	21.50
			25	25	19.89	19.88	19.88	21.50	
			50	0	19.80	19.86	19.90	21.50	
			64QAM	1	0	19.68	19.75	19.76	21.50
	1			25	19.75	19.74	19.64	21.50	
	1			49	19.95	19.86	19.84	21.50	
	25			0	19.69	19.61	19.54	21.50	
	25			13	20.06	20.00	19.96	21.50	
	25			25	19.84	19.85	19.83	21.50	
	50			0	19.71	19.77	19.71	21.50	
	256QAM			1	0	18.55	18.60	18.68	20.50
			1	25	18.70	18.70	18.69	20.50	
1			49	18.80	18.76	18.73	20.50		
25			0	18.72	18.80	18.90	20.50		
25			13	18.87	18.78	18.68	20.50		
25			25	18.75	18.79	18.76	20.50		
50			0	19.02	18.98	18.88	20.50		
15MHz			QPSK	1	0	19.95	19.89	19.85	21.50
	1			38	19.70	19.80	19.84	21.50	
	1			74	19.89	19.85	19.84	21.50	
	36			0	19.87	19.84	19.84	21.50	
	36			18	19.82	19.74	19.73	21.50	
	36			39	19.71	19.68	19.74	21.50	
	75			0	19.77	19.67	19.72	21.50	
	16QAM			1	0	19.66	19.69	19.71	21.50
				1	38	19.79	19.85	19.95	21.50
				1	74	19.97	19.93	19.89	21.50
				36	0	19.84	19.88	19.82	21.50
				36	18	19.72	19.77	19.81	21.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	20175	/		
20MHz	64QAM	36	39	19.88	19.87	19.96	21.50	
		75	0	19.83	19.93	20.02	21.50	
		1	0	19.80	19.78	19.70	21.50	
		1	38	19.71	19.76	19.69	21.50	
		1	74	19.79	19.88	19.95	21.50	
		36	0	19.66	19.66	19.69	21.50	
		36	18	19.87	19.95	20.04	21.50	
		36	39	19.87	19.88	19.88	21.50	
	256QAM	75	0	19.93	19.87	19.81	21.50	
		1	0	18.77	18.70	18.67	20.50	
		1	38	18.64	18.66	18.70	20.50	
		1	74	18.83	18.75	18.81	20.50	
		36	0	18.80	18.80	18.79	20.50	
		36	18	18.92	18.82	18.77	20.50	
		36	39	18.88	18.85	18.91	20.50	
		75	0	19.05	18.95	18.94	20.50	
	20MHz	QPSK	1	0	/	20.18	/	21.50
			1	50	/	19.81	/	21.50
			1	99	/	19.84	/	21.50
			50	0	/	19.89	/	21.50
			50	25	/	19.79	/	21.50
			50	50	/	19.73	/	21.50
			100	0	/	19.76	/	21.50
		16QAM	1	0	/	19.75	/	21.50
			1	50	/	19.88	/	21.50
			1	99	/	19.83	/	21.50
			50	0	/	19.83	/	21.50
			50	25	/	19.87	/	21.50
50			50	/	19.79	/	21.50	
100			0	/	19.86	/	21.50	
64QAM		1	0	/	19.77	/	21.50	
		1	50	/	19.80	/	21.50	
		1	99	/	19.79	/	21.50	
		50	0	/	19.75	/	21.50	
		50	25	/	19.91	/	21.50	
		50	50	/	19.80	/	21.50	
		100	0	/	19.87	/	21.50	
256QAM		1	0	/	18.80	/	20.50	
		1	50	/	18.74	/	20.50	
		1	99	/	18.84	/	20.50	
		50	0	/	18.77	/	20.50	
		50	25	/	18.87	/	20.50	
		50	50	/	18.86	/	20.50	
		100	0	/	18.85	/	20.50	

LTE Band 5 DSI 1&2&3&4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	24.44	24.34	24.43	25.50
		1	2	24.25	24.25	24.35	25.50
		1	5	24.36	24.33	24.36	25.50
		3	0	24.54	24.60	24.66	25.50
		3	2	24.73	24.73	24.77	25.50
		3	3	24.45	24.54	24.47	25.50
		6	0	23.65	23.73	23.72	24.50
	16QAM	1	0	23.54	23.57	23.57	24.50
		1	2	23.75	23.72	23.78	24.50
		1	5	23.73	23.63	23.54	24.50
		3	0	23.45	23.54	23.51	24.50
		3	2	23.34	23.33	23.27	24.50
		3	3	23.31	23.40	23.32	24.50
	64QAM	6	0	22.49	22.41	22.43	23.50
		1	0	22.82	22.72	22.64	23.50
		1	2	22.36	22.39	22.37	23.50
		1	5	22.41	22.42	22.41	23.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	3	0	22.29	22.35	22.45	23.50
		3	2	22.68	22.58	22.52	23.50
		3	3	22.57	22.48	22.55	23.50
		6	0	21.30	21.32	21.37	22.50
		1	0	19.46	19.38	19.43	20.50
		1	2	19.33	19.27	19.31	20.50
		1	5	19.25	19.25	19.30	20.50
		3	0	19.66	19.59	19.57	20.50
		3	2	19.41	19.32	19.38	20.50
	16QAM	3	3	19.27	19.19	19.23	20.50
		6	0	19.59	19.55	19.47	20.50
		1	0	24.47	24.43	24.35	25.50
		1	7	24.16	24.19	24.21	25.50
		1	14	24.33	24.23	24.15	25.50
		8	0	23.58	23.65	23.56	24.50
		8	4	23.59	23.64	23.56	24.50
		8	7	23.67	23.62	23.70	24.50
		15	0	23.92	23.83	23.90	24.50
	64QAM	1	0	23.58	23.64	23.69	24.50
		1	7	23.80	23.73	23.71	24.50
		1	14	23.50	23.56	23.46	24.50
		8	0	22.58	22.57	22.67	23.50
		8	4	22.42	22.41	22.36	23.50
		8	7	22.49	22.40	22.32	23.50
		15	0	22.36	22.42	22.38	23.50
		1	0	22.62	22.63	22.54	23.50
		1	7	22.51	22.46	22.41	23.50
	256QAM	1	14	22.36	22.36	22.45	23.50
8		0	21.37	21.43	21.33	22.50	
8		4	21.69	21.67	21.71	22.50	
8		7	21.48	21.42	21.49	22.50	
15		0	21.39	21.35	21.45	22.50	
1		0	19.30	19.39	19.29	20.50	
1		7	19.42	19.35	19.45	20.50	
1		14	19.25	19.29	19.19	20.50	
8		0	19.50	19.59	19.69	20.50	
5MHz	QPSK	8	4	19.36	19.31	19.25	20.50
		8	7	19.32	19.29	19.21	20.50
		15	0	19.45	19.46	19.42	20.50
		1	0	24.54	24.51	24.60	25.50
		1	13	24.18	24.28	24.28	25.50
		1	24	24.19	24.14	24.13	25.50
		12	0	23.84	23.75	23.76	24.50
		12	6	23.57	23.57	23.53	24.50
		12	13	23.61	23.54	23.57	24.50
	16QAM	25	0	23.68	23.75	23.74	24.50
		1	0	23.55	23.61	23.71	24.50
		1	13	23.77	23.80	23.90	24.50
		1	24	23.41	23.47	23.44	24.50
		12	0	22.50	22.52	22.43	23.50
		12	6	22.42	22.32	22.38	23.50
		12	13	22.37	22.41	22.49	23.50
		25	0	22.57	22.47	22.38	23.50
		1	0	22.57	22.53	22.62	23.50
	64QAM	1	13	22.57	22.47	22.44	23.50
		1	24	22.38	22.46	22.54	23.50
		12	0	21.40	21.40	21.39	22.50
		12	6	21.53	21.62	21.66	22.50
		12	13	21.40	21.37	21.29	22.50
		25	0	21.34	21.38	21.28	22.50
		1	0	19.48	19.45	19.52	20.50
		1	13	19.53	19.44	19.34	20.50
		1	24	19.33	19.31	19.37	20.50
	256QAM	12	0	19.54	19.51	19.58	20.50
12		6	19.27	19.24	19.20	20.50	



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Bandwidth	Modulation	12	13	19.37	19.35	19.38	20.50
		25	0	19.35	19.40	19.43	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20525	/	
10MHz	QPSK	1	0	/	24.81	/	25.50
		1	25	/	24.29	/	25.50
		1	49	/	24.24	/	25.50
		25	0	/	23.85	/	24.50
		25	13	/	23.52	/	24.50
		25	25	/	23.52	/	24.50
	16QAM	50	0	/	23.77	/	24.50
		1	0	/	23.54	/	24.50
		1	25	/	23.70	/	24.50
		1	49	/	23.41	/	24.50
		25	0	/	22.42	/	23.50
		25	13	/	22.37	/	23.50
	64QAM	25	25	/	22.46	/	23.50
		50	0	/	22.43	/	23.50
		1	0	/	22.55	/	23.50
		1	25	/	22.37	/	23.50
		1	49	/	22.52	/	23.50
		25	0	/	21.47	/	22.50
	256QAM	25	13	/	21.52	/	22.50
		25	25	/	21.37	/	22.50
		50	0	/	21.33	/	22.50
		1	0	/	19.42	/	20.50
		1	25	/	19.36	/	20.50
		1	49	/	19.37	/	20.50
	256QAM	25	0	/	19.44	/	20.50
		25	13	/	19.27	/	20.50
		25	25	/	19.35	/	20.50
		50	0	/	19.45	/	20.50

LTE Band 7 DSI 1&4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	23.89	23.94	24.09	25.50	
		1	13	23.89	24.10	23.87	25.50	
		1	24	23.85	23.66	23.61	25.50	
		12	0	23.35	23.21	23.43	24.50	
		12	6	23.04	23.41	23.09	24.50	
		12	13	22.91	23.12	22.97	24.50	
	16QAM	25	0	23.03	23.35	23.29	24.50	
		1	0	23.08	23.13	23.16	24.50	
		1	13	23.10	23.09	23.03	24.50	
		1	24	22.98	23.18	23.22	24.50	
		12	0	22.14	22.12	21.83	23.50	
		12	6	21.98	21.96	21.82	23.50	
	64QAM	12	13	21.85	22.05	21.88	23.50	
		25	0	21.94	21.97	21.75	23.50	
		1	0	22.03	22.02	22.02	23.50	
		1	13	22.13	22.21	21.88	23.50	
		1	24	21.92	22.18	22.13	23.50	
		12	0	21.13	21.12	21.09	22.50	
	256QAM	12	6	21.16	21.13	21.12	22.50	
		12	13	20.92	21.02	21.02	22.50	
		25	0	20.98	20.85	20.78	22.50	
		1	0	19.05	19.11	18.87	20.50	
		1	13	19.08	19.10	18.86	20.50	
		1	24	18.79	18.86	18.87	20.50	
	256QAM	12	0	18.99	18.87	18.82	20.50	
		12	6	18.86	18.73	18.85	20.50	
		12	13	18.62	18.81	18.65	20.50	
		25	0	19.09	18.96	18.88	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	20800	21100	21400	25.50
				23.99	24.01	24.02		



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		1	25	23.98	24.00	23.83	25.50	
		1	49	23.80	23.71	23.68	25.50	
		25	0	23.25	23.18	23.39	24.50	
		25	13	23.11	23.31	23.08	24.50	
		25	25	22.98	23.16	23.07	24.50	
	16QAM	50	0	23.04	23.33	23.35	24.50	
		1	0	23.13	23.12	23.22	24.50	
		1	25	23.19	23.11	22.99	24.50	
		1	49	23.04	23.10	23.16	24.50	
		25	0	22.05	22.12	21.83	23.50	
		25	13	21.91	21.93	21.72	23.50	
		25	25	21.81	22.00	21.82	23.50	
		50	0	21.96	22.07	21.85	23.50	
		64QAM	1	0	22.13	22.06	21.96	23.50
			1	25	22.07	22.14	21.89	23.50
	1		49	21.82	22.17	22.19	23.50	
	25		0	21.05	21.09	21.03	22.50	
	25		13	21.12	21.14	21.11	22.50	
	25		25	20.97	21.02	20.99	22.50	
	256QAM	50	0	20.90	20.79	20.70	22.50	
1		0	19.05	19.05	18.78	20.50		
1		25	19.03	19.02	18.96	20.50		
1		49	18.77	18.85	18.91	20.50		
25		0	18.89	18.95	18.91	20.50		
25		13	18.80	18.70	18.81	20.50		
25		25	18.64	18.89	18.73	20.50		
50	0	19.18	19.02	18.95	20.50			
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up	
15MHz	QPSK	1	0	24.06	24.11	23.93	25.50	
		1	38	23.99	23.95	23.81	25.50	
		1	74	23.73	23.78	23.61	25.50	
		36	0	23.29	23.27	23.33	24.50	
		36	18	23.06	23.25	23.01	24.50	
		36	39	23.00	23.18	23.09	24.50	
		75	0	23.09	23.25	23.34	24.50	
	16QAM	1	0	23.05	23.21	23.18	24.50	
		1	38	23.21	23.17	22.98	24.50	
		1	74	22.97	23.06	23.06	24.50	
		36	0	22.07	22.05	21.84	23.50	
		36	18	21.96	21.83	21.67	23.50	
		36	39	21.90	22.00	21.85	23.50	
		75	0	21.87	22.16	21.93	23.50	
	64QAM	1	0	22.08	22.03	21.90	23.50	
		1	38	22.00	22.10	21.96	23.50	
		1	74	21.84	22.13	22.18	23.50	
		36	0	20.95	21.17	21.09	22.50	
		36	18	21.06	21.07	21.06	22.50	
		36	39	21.02	20.98	20.93	22.50	
		75	0	20.92	20.82	20.76	22.50	
	256QAM	1	0	19.05	18.99	18.79	20.50	
		1	38	19.02	19.00	18.99	20.50	
		1	74	18.87	18.95	18.97	20.50	
		36	0	18.95	18.99	18.81	20.50	
		36	18	18.70	18.75	18.87	20.50	
		36	39	18.67	18.95	18.75	20.50	
		75	0	19.08	19.00	18.99	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
	20MHz	QPSK	1	0	24.18	24.25	24.12	25.50
1			50	23.91	23.91	23.72	25.50	
1			99	23.66	23.87	23.70	25.50	
50			0	23.42	23.56	23.40	24.50	
50			25	23.13	23.16	23.06	24.50	
50			50	23.05	23.17	23.03	24.50	
100			0	23.34	23.48	23.29	24.50	
16QAM		1	0	23.11	23.14	23.23	24.50	
		1	50	23.18	23.22	23.07	24.50	
		1	99	23.01	23.07	23.08	24.50	



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		50	0	21.99	22.05	21.75	23.50
		50	25	21.94	21.88	21.75	23.50
		50	50	21.84	22.02	21.89	23.50
		100	0	21.87	22.08	22.00	23.50
	64QAM	1	0	22.07	22.11	22.00	23.50
		1	50	22.01	22.06	21.98	23.50
		1	99	21.94	22.18	22.09	23.50
		50	0	20.98	21.08	21.02	22.50
		50	25	21.08	21.10	20.97	22.50
		50	50	21.08	21.06	21.03	22.50
		100	0	20.83	20.92	20.81	22.50
		256QAM	1	0	19.08	19.08	18.87
	1		50	18.94	18.99	18.93	20.50
	1		99	18.90	18.95	18.98	20.50
	50		0	18.92	18.94	18.83	20.50
	50		25	18.79	18.85	18.86	20.50
	50		50	18.74	18.90	18.85	20.50
	100		0	18.99	18.99	18.90	20.50

LTE Band 7 DSI 2&3&5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	22.09	22.17	22.12	23.50	
		1	13	22.09	22.20	21.80	23.50	
		1	24	22.01	21.93	21.95	23.50	
		12	0	22.24	22.36	22.24	23.50	
		12	6	21.84	22.27	21.97	23.50	
		12	13	21.83	21.90	21.69	23.50	
	16QAM	25	0	22.19	22.31	22.17	23.50	
		1	0	21.92	22.02	21.81	23.50	
		1	13	21.86	22.12	21.73	23.50	
		1	24	22.03	22.07	22.08	23.50	
		12	0	21.86	22.21	22.03	23.50	
		12	6	22.06	21.86	21.84	23.50	
		12	13	21.98	22.12	22.12	23.50	
		25	0	21.72	22.24	21.91	23.50	
		64QAM	1	0	21.93	21.93	21.78	23.50
			1	13	22.01	22.37	22.14	23.50
	1		24	22.06	22.15	22.01	23.50	
	12		0	21.35	21.50	21.22	22.50	
	12		6	21.26	21.58	21.55	22.50	
	12		13	21.60	21.66	21.31	22.50	
	25		0	21.16	21.47	21.08	22.50	
	256QAM		1	0	19.12	19.39	19.62	20.50
		1	13	19.04	18.97	18.99	20.50	
		1	24	19.31	19.18	18.89	20.50	
		12	0	19.19	19.12	19.36	20.50	
		12	6	19.14	19.34	19.34	20.50	
		12	13	19.25	19.18	19.05	20.50	
		25	0	19.12	19.34	18.98	20.50	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					20800	21100	21400	
10MHz	QPSK	1	0	22.00	22.17	22.16	23.50	
		1	25	22.00	22.12	21.85	23.50	
		1	49	21.97	22.02	21.88	23.50	
		25	0	22.34	22.43	22.30	23.50	
		25	13	21.88	22.27	21.99	23.50	
		25	25	21.77	21.89	21.79	23.50	
	16QAM	50	0	22.10	22.39	22.18	23.50	
		1	0	21.97	22.10	21.88	23.50	
		1	25	21.81	22.19	21.72	23.50	
		1	49	22.08	22.12	22.13	23.50	
		25	0	21.77	22.16	21.95	23.50	
		25	13	22.12	21.88	21.92	23.50	
		25	25	21.95	22.03	22.18	23.50	
		50	0	21.80	22.23	21.99	23.50	
	64QAM	1	0	21.93	21.92	21.75	23.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up					
				20825	21100	21375						
15MHz	QPSK	1	0	22.07	22.24	22.16	23.50					
		1	38	21.91	22.12	21.90	23.50					
		1	74	21.88	22.12	21.85	23.50					
		36	0	22.28	22.37	22.22	23.50					
		36	18	21.94	22.23	21.91	23.50					
		36	39	21.86	21.91	21.79	23.50					
	16QAM	75	0	22.17	22.29	22.11	23.50					
		1	0	21.93	22.12	21.93	23.50					
		1	38	21.84	22.19	21.68	23.50					
		1	74	22.08	22.21	22.14	23.50					
		36	0	21.78	22.09	21.99	23.50					
		36	18	22.04	21.95	21.83	23.50					
	64QAM	36	39	21.99	22.09	22.23	23.50					
		75	0	21.78	22.22	21.90	23.50					
		1	0	22.03	21.84	21.73	23.50					
		1	38	21.94	22.21	22.22	23.50					
		1	74	22.07	22.16	22.01	23.50					
		36	0	21.37	21.36	21.13	22.50					
	256QAM	36	18	21.30	21.65	21.53	22.50					
		36	39	21.41	21.53	21.39	22.50					
75		0	21.16	21.37	20.99	22.50						
1		0	19.08	19.39	19.55	20.50						
1		38	19.06	19.06	19.03	20.50						
1		74	19.30	19.08	19.01	20.50						
20MHz	QPSK	36	0	19.18	19.07	19.29	20.50					
		36	18	19.08	19.29	19.30	20.50					
		36	39	19.23	19.33	19.10	20.50					
		75	0	19.24	19.23	19.01	20.50					
		1	0	22.46	22.53	22.42	23.50					
		1	50	22.00	22.19	21.93	23.50					
	16QAM	1	99	21.94	22.04	21.91	23.50					
		50	0	22.41	22.49	22.36	23.50					
		50	25	21.92	22.16	21.89	23.50					
		50	50	21.88	21.94	21.69	23.50					
		100	0	22.11	22.38	22.20	23.50					
		1	0	21.83	22.10	21.95	23.50					
	64QAM	1	50	21.81	22.15	21.77	23.50					
		1	99	22.02	22.11	22.06	23.50					
		50	0	21.88	22.11	21.93	23.50					
		50	25	21.98	21.97	21.89	23.50					
		50	50	22.00	22.09	22.17	23.50					
		100	0	21.79	22.22	21.99	23.50					
	256QAM	1	0	21.93	21.87	21.81	23.50					
		1	50	22.02	22.24	22.19	23.50					
1		99	22.00	22.17	21.95	23.50						
50		0	21.31	21.39	21.10	22.50						
50		25	21.27	21.65	21.52	22.50						
50		50	21.39	21.52	21.39	22.50						
256QAM	100	0	21.26	21.39	21.08	22.50						
	1	0	19.04	19.45	19.46	20.50						
	1	50	19.04	19.02	19.10	20.50						
							1	99	19.20	19.18	18.92	20.50



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		50	0	19.23	19.17	19.37	20.50
		50	25	19.18	19.36	19.39	20.50
		50	50	19.23	19.26	19.13	20.50
		100	0	19.19	19.17	18.99	20.50

LTE FDD Band 12 DSI 1&2&3&4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	24.48	24.45	24.39	25.50
		1	2	24.08	24.06	24.11	25.50
		1	5	24.17	24.15	24.06	25.50
		3	0	24.23	24.32	24.31	25.50
		3	2	24.06	24.02	24.00	25.50
		3	3	24.11	24.02	23.92	25.50
	16QAM	6	0	23.11	23.01	22.97	24.50
		1	0	22.92	22.99	23.03	24.50
		1	2	23.12	23.09	23.15	24.50
		1	5	23.00	23.02	22.97	24.50
		3	0	23.00	22.91	22.81	24.50
		3	2	22.90	23.00	23.10	24.50
	64QAM	3	3	22.94	22.98	22.92	24.50
		6	0	21.91	21.99	22.05	23.50
		1	0	22.08	22.12	22.12	23.50
		1	2	21.87	21.86	21.91	23.50
		1	5	22.02	22.06	22.03	23.50
		3	0	22.14	22.13	22.08	23.50
	256QAM	3	2	21.98	21.93	21.90	23.50
		3	3	22.12	22.06	22.01	23.50
		6	0	20.94	21.02	21.00	22.50
		1	0	18.85	18.91	18.95	20.50
		1	2	19.01	19.03	18.98	20.50
		1	5	18.93	18.96	18.92	20.50
3MHz	QPSK	3	0	18.93	19.01	19.06	20.50
		3	2	18.90	18.89	18.93	20.50
		3	3	18.90	18.87	18.77	20.50
		6	0	19.07	19.01	18.94	20.50
		1	0	24.46	24.37	24.34	25.50
		1	7	24.13	24.04	23.96	25.50
	16QAM	1	14	24.16	24.06	23.98	25.50
		8	0	23.29	23.32	23.32	24.50
		8	4	22.92	22.96	22.86	24.50
		8	7	23.05	23.02	23.07	24.50
		15	0	23.05	23.11	23.07	24.50
		1	0	23.12	23.07	23.08	24.50
	64QAM	1	7	23.04	23.03	22.99	24.50
		1	14	23.12	23.12	23.14	24.50
		8	0	21.90	21.99	21.97	23.50
		8	4	21.91	21.97	21.91	23.50
		8	7	22.04	22.01	21.93	23.50
		15	0	21.97	22.02	22.02	23.50
	256QAM	1	0	22.01	22.02	21.94	23.50
		1	7	21.77	21.81	21.89	23.50
		1	14	21.93	22.01	21.99	23.50
		8	0	21.03	21.11	21.21	22.50
		8	4	20.84	20.85	20.75	22.50
		8	7	21.01	21.05	21.03	22.50
QPSK	15	0	21.05	21.07	20.99	22.50	
	1	0	18.77	18.86	18.89	20.50	
	1	7	18.97	18.96	18.91	20.50	
	1	14	19.13	19.05	19.01	20.50	
	8	0	19.13	19.10	19.01	20.50	
	8	4	19.05	18.99	18.93	20.50	
16QAM	8	7	18.77	18.87	18.82	20.50	
	8	0	19.10	19.09	19.05	20.50	
	1	0	18.77	18.86	18.89	20.50	
	1	7	18.97	18.96	18.91	20.50	
	1	14	19.13	19.05	19.01	20.50	
	8	0	19.13	19.10	19.01	20.50	
64QAM	8	4	19.05	18.99	18.93	20.50	
	8	7	18.77	18.87	18.82	20.50	
	15	0	19.10	19.09	19.05	20.50	
	1	0	18.77	18.86	18.89	20.50	
	1	7	18.97	18.96	18.91	20.50	
	1	14	19.13	19.05	19.01	20.50	
256QAM	8	0	19.13	19.10	19.01	20.50	
	8	4	19.05	18.99	18.93	20.50	
	8	7	18.77	18.87	18.82	20.50	
	15	0	19.10	19.09	19.05	20.50	
	1	0	18.77	18.86	18.89	20.50	
	1	7	18.97	18.96	18.91	20.50	



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Bandwidth	Modulation	RB size	RB offset	23035	23095	23155	Tune up	
				Channel	Channel	Channel		
5MHz	QPSK	1	0	24.22	24.32	24.24	25.50	
		1	13	24.03	23.94	24.03	25.50	
		1	24	23.95	24.02	23.94	25.50	
		12	0	23.24	23.29	23.28	24.50	
		12	6	23.13	23.05	22.98	24.50	
		12	13	23.01	23.03	23.07	24.50	
	16QAM	25	0	23.08	23.05	22.97	24.50	
		1	0	23.02	23.04	23.02	24.50	
		1	13	23.19	23.10	23.14	24.50	
		1	24	23.02	23.09	23.18	24.50	
		12	0	21.87	21.94	22.04	23.50	
		12	6	22.04	21.96	21.92	23.50	
	64QAM	12	13	22.00	22.08	22.11	23.50	
		25	0	21.92	21.95	22.03	23.50	
		1	0	22.09	22.04	22.12	23.50	
		1	13	21.93	21.87	21.87	23.50	
		1	24	21.91	21.97	22.01	23.50	
		12	0	21.00	21.03	21.03	22.50	
	256QAM	12	6	20.84	20.94	20.85	22.50	
		12	13	21.13	21.07	21.05	22.50	
		25	0	20.98	20.99	21.04	22.50	
		1	0	18.91	18.93	18.94	20.50	
		1	13	19.14	19.06	18.99	20.50	
		1	24	19.01	18.97	19.03	20.50	
	10MHz	QPSK	12	0	18.94	19.00	18.99	20.50
			12	6	19.01	19.01	18.99	20.50
			12	13	19.00	18.93	18.99	20.50
			25	0	19.05	19.06	19.09	20.50
1			0	/	24.52	/	25.50	
1			25	/	23.95	/	25.50	
16QAM		1	49	/	24.04	/	25.50	
		25	0	/	23.43	/	24.50	
		25	13	/	23.14	/	24.50	
		25	25	/	23.13	/	24.50	
		50	0	/	23.31	/	24.50	
		1	0	/	22.99	/	24.50	
64QAM		1	25	/	23.09	/	24.50	
		1	49	/	23.11	/	24.50	
		25	0	/	21.97	/	23.50	
		25	13	/	21.96	/	23.50	
		25	25	/	22.09	/	23.50	
		50	0	/	21.88	/	23.50	
256QAM		1	0	/	22.09	/	23.50	
		1	25	/	21.91	/	23.50	
		1	49	/	22.02	/	23.50	
		25	0	/	21.04	/	22.50	
		25	13	/	21.02	/	22.50	
		25	25	/	20.97	/	22.50	
QPSK		50	0	/	21.03	/	22.50	
		1	0	/	19.01	/	20.50	
		1	25	/	18.98	/	20.50	
		1	49	/	19.00	/	20.50	
	25	0	/	19.03	/	20.50		
	25	13	/	18.99	/	20.50		
16QAM	25	25	/	19.02	/	20.50		
	50	0	/	19.01	/	20.50		

LTE FDD Band 13 DSI 1&2&3&4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
5MHz	QPSK	1	0	/	24.34	/	25.50
		1	13	/	24.13	/	25.50
		1	24	/	23.99	/	25.50
		12	0	/	23.35	/	24.50



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	16QAM	12	6	/	23.05	/	24.50	
		12	13	/	23.32	/	24.50	
		25	0	/	23.19	/	24.50	
		1	0	/	23.14	/	24.50	
		1	13	/	23.26	/	24.50	
		1	24	/	23.06	/	24.50	
		12	0	/	22.14	/	23.50	
		12	6	/	22.05	/	23.50	
	64QAM	12	13	/	22.25	/	23.50	
		25	0	/	22.09	/	23.50	
		1	0	/	22.02	/	23.50	
		1	13	/	22.05	/	23.50	
		1	24	/	22.13	/	23.50	
		12	0	/	21.04	/	22.50	
		12	6	/	21.04	/	22.50	
		12	13	/	21.01	/	22.50	
	256QAM	25	0	/	21.02	/	22.50	
		1	0	/	19.06	/	20.50	
		1	13	/	18.96	/	20.50	
		1	24	/	19.12	/	20.50	
		12	0	/	19.10	/	20.50	
		12	6	/	19.03	/	20.50	
		12	13	/	19.16	/	20.50	
		25	0	/	19.16	/	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	/	23230	/	25.50
			1	25	/	24.57	/	25.50
			1	49	/	24.12	/	25.50
25			0	/	24.04	/	25.50	
25			13	/	23.49	/	24.50	
25			25	/	23.15	/	24.50	
25			25	/	23.29	/	24.50	
16QAM		50	0	/	23.38	/	24.50	
		1	0	/	23.13	/	24.50	
		1	25	/	23.23	/	24.50	
		1	49	/	23.16	/	24.50	
		25	0	/	22.09	/	23.50	
		25	13	/	22.02	/	23.50	
		25	25	/	22.22	/	23.50	
64QAM		50	0	/	22.08	/	23.50	
		1	0	/	22.12	/	23.50	
		1	25	/	22.11	/	23.50	
		1	49	/	22.10	/	23.50	
		25	0	/	21.06	/	22.50	
		25	13	/	21.09	/	22.50	
		25	25	/	21.08	/	22.50	
256QAM		50	0	/	21.12	/	22.50	
		1	0	/	19.10	/	20.50	
		1	25	/	19.05	/	20.50	
		1	49	/	19.13	/	20.50	
		25	0	/	19.09	/	20.50	
		25	13	/	19.06	/	20.50	
		25	25	/	19.15	/	20.50	
			50	0	/	19.06	/	20.50

LTE FDD Band 17 DSI 1&2&3&4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	
5MHz	QPSK	1	0	/	24.17	/	25.50
		1	13	/	24.02	/	25.50
		1	24	/	24.01	/	25.50
		12	0	/	23.29	/	24.50
		12	6	/	23.23	/	24.50
		12	13	/	23.31	/	24.50
		25	0	/	23.25	/	24.50
	16QAM	1	0	/	23.12	/	24.50
		1	13	/	23.21	/	24.50



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		1	24	/	23.21	/	24.50
		12	0	/	22.04	/	23.50
		12	6	/	22.03	/	23.50
		12	13	/	22.04	/	23.50
		25	0	/	21.87	/	23.50
	64QAM	1	0	/	22.21	/	23.50
		1	13	/	22.11	/	23.50
		1	24	/	22.20	/	23.50
		12	0	/	21.09	/	22.50
		12	6	/	21.16	/	22.50
	256QAM	12	13	/	21.08	/	22.50
		25	0	/	21.04	/	22.50
		1	0	/	19.07	/	20.50
		1	13	/	19.10	/	20.50
		1	24	/	19.20	/	20.50
		12	0	/	18.92	/	20.50
		12	6	/	19.09	/	20.50
		12	13	/	19.13	/	20.50
25		0	/	19.09	/	20.50	
<b>Bandwidth</b>		<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
				/	23790	/	
<b>10MHz</b>	QPSK	1	0	/	24.27	/	25.50
		1	25	/	24.11	/	25.50
		1	49	/	24.08	/	25.50
		25	0	/	23.25	/	24.50
		25	13	/	23.14	/	24.50
		25	25	/	23.24	/	24.50
	16QAM	50	0	/	23.18	/	24.50
		1	0	/	23.12	/	24.50
		1	25	/	23.19	/	24.50
		1	49	/	23.18	/	24.50
		25	0	/	22.10	/	23.50
		25	13	/	21.98	/	23.50
	64QAM	25	25	/	22.13	/	23.50
		50	0	/	21.97	/	23.50
		1	0	/	22.12	/	23.50
		1	25	/	22.02	/	23.50
		1	49	/	22.10	/	23.50
		25	0	/	21.07	/	22.50
	256QAM	25	13	/	21.10	/	22.50
		25	25	/	21.12	/	22.50
		50	0	/	21.11	/	22.50
		1	0	/	19.14	/	20.50
		1	25	/	19.03	/	20.50
		1	49	/	19.13	/	20.50
		25	0	/	19.02	/	20.50
		25	13	/	19.09	/	20.50
		25	25	/	19.15	/	20.50
		50	0	/	19.07	/	20.50

LTE Band 26 DSI 1&2&3&4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
<b>1.4MHz</b>	QPSK	1	0	24.69	24.74	24.79	25.50
		1	2	24.33	24.39	24.47	25.50
		1	5	24.02	24.06	24.00	25.50
		3	0	24.78	24.69	24.66	25.50
		3	2	24.79	24.72	24.75	25.50
		3	3	24.65	24.57	24.53	25.50
	16QAM	6	0	23.71	23.76	23.67	24.50
		1	0	23.80	23.73	23.79	24.50
		1	2	23.62	23.54	23.59	24.50
		1	5	23.48	23.58	23.48	24.50
		3	0	23.27	23.37	23.34	24.50
		3	2	23.52	23.42	23.44	24.50
		3	3	23.59	23.52	23.42	24.50
		6	0	22.20	22.27	22.21	23.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26705	26865	27025		
3MHz	64QAM	1	0	22.43	22.52	22.59	23.50	
		1	2	22.75	22.67	22.77	23.50	
		1	5	22.53	22.52	22.57	23.50	
		3	0	22.53	22.48	22.58	23.50	
		3	2	22.52	22.47	22.51	23.50	
		3	3	22.32	22.38	22.28	23.50	
	256QAM	6	0	21.49	21.41	21.35	22.50	
		1	0	19.34	19.30	19.33	20.50	
		1	2	19.53	19.52	19.62	20.50	
		1	5	19.55	19.54	19.49	20.50	
		3	0	19.33	19.40	19.46	20.50	
		3	2	19.34	19.24	19.25	20.50	
		3	3	19.28	19.24	19.21	20.50	
		6	0	19.35	19.35	19.42	20.50	
3MHz	QPSK	1	0	24.85	24.75	24.67	25.50	
		1	7	24.57	24.47	24.37	25.50	
		1	14	24.14	24.16	24.10	25.50	
		8	0	23.68	23.72	23.81	24.50	
		8	4	23.60	23.69	23.65	24.50	
		8	7	23.55	23.65	23.70	24.50	
	16QAM	15	0	23.76	23.77	23.70	24.50	
		1	0	23.66	23.64	23.68	24.50	
		1	7	23.51	23.61	23.65	24.50	
		1	14	23.51	23.58	23.66	24.50	
		8	0	22.22	22.31	22.29	23.50	
		8	4	22.36	22.36	22.45	23.50	
	64QAM	8	7	22.42	22.48	22.45	23.50	
		15	0	22.19	22.26	22.30	23.50	
		1	0	22.63	22.56	22.66	23.50	
		1	7	22.52	22.59	22.57	23.50	
		1	14	22.66	22.58	22.63	23.50	
		8	0	21.50	21.54	21.62	22.50	
	256QAM	8	4	21.59	21.55	21.51	22.50	
		8	7	21.47	21.43	21.44	22.50	
		15	0	21.48	21.40	21.45	22.50	
		1	0	19.29	19.38	19.30	20.50	
		1	7	19.34	19.42	19.43	20.50	
		1	14	19.45	19.45	19.46	20.50	
	5MHz	QPSK	8	0	19.41	19.40	19.39	20.50
			8	4	19.15	19.17	19.23	20.50
			8	7	19.26	19.29	19.36	20.50
			15	0	19.36	19.37	19.41	20.50
			1	0	24.60	24.65	24.57	25.50
			1	13	24.30	24.37	24.42	25.50
16QAM		1	24	24.30	24.20	24.25	25.50	
		12	0	23.85	23.76	23.85	24.50	
		12	6	23.71	23.67	23.63	24.50	
		12	13	23.76	23.73	23.77	24.50	
		25	0	23.82	23.79	23.74	24.50	
		1	0	23.51	23.55	23.49	24.50	
64QAM		1	13	23.50	23.58	23.53	24.50	
		1	24	23.56	23.49	23.46	24.50	
	12	0	22.41	22.33	22.25	23.50		
	12	6	22.43	22.33	22.41	23.50		
	12	13	22.34	22.42	22.33	23.50		
	25	0	22.34	22.30	22.30	23.50		
256QAM	1	0	22.58	22.53	22.57	23.50		
	1	13	22.44	22.52	22.50	23.50		
	1	24	22.43	22.52	22.43	23.50		
	12	0	21.40	21.46	21.54	22.50		
	12	6	21.62	21.64	21.65	22.50		
	12	13	21.47	21.40	21.49	22.50		
256QAM	25	0	21.29	21.35	21.45	22.50		
	1	0	19.47	19.48	19.54	20.50		
256QAM	1	13	19.40	19.45	19.41	20.50		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				26740	26865	26990			
10MHz	QPSK	1	24	19.48	19.49	19.51	20.50		
		12	0	19.35	19.39	19.43	20.50		
		12	6	19.19	19.18	19.14	20.50		
		12	13	19.36	19.27	19.34	20.50		
		25	0	19.29	19.36	19.43	20.50		
		25	0	19.29	19.36	19.43	20.50		
	16QAM	QPSK	1	0	24.53	24.59	24.68	25.50	
			1	25	24.25	24.27	24.24	25.50	
			1	49	24.20	24.19	24.18	25.50	
			25	0	23.69	23.73	23.77	24.50	
			25	13	23.64	23.58	23.54	24.50	
			25	25	23.68	23.66	23.72	24.50	
		16QAM	16QAM	50	0	23.71	23.74	23.80	24.50
				1	0	23.63	23.56	23.54	24.50
				1	25	23.48	23.56	23.60	24.50
				1	49	23.42	23.42	23.42	24.50
				25	0	22.48	22.40	22.44	23.50
				25	13	22.23	22.24	22.32	23.50
	64QAM	64QAM	25	25	22.42	22.45	22.40	23.50	
			50	0	22.21	22.30	22.30	23.50	
			1	0	22.40	22.46	22.48	23.50	
			1	25	22.59	22.52	22.45	23.50	
			1	49	22.54	22.61	22.67	23.50	
			25	0	21.47	21.43	21.41	22.50	
		256QAM	256QAM	25	13	21.63	21.66	21.74	22.50
25				25	21.28	21.36	21.28	22.50	
50				0	21.33	21.34	21.35	22.50	
1				0	19.53	19.46	19.43	20.50	
256QAM	256QAM	1	25	19.53	19.44	19.47	20.50		
		1	49	19.40	19.42	19.37	20.50		
		25	0	19.47	19.44	19.47	20.50		
		25	13	19.14	19.24	19.27	20.50		
		25	25	19.25	19.32	19.40	20.50		
		50	0	19.42	19.40	19.32	20.50		
15MHz	QPSK	1	0	/	24.89	/	25.50		
		1	38	/	24.26	/	25.50		
		1	74	/	24.21	/	25.50		
		36	0	/	23.87	/	24.50		
		36	18	/	23.56	/	24.50		
		36	39	/	23.63	/	24.50		
		75	0	/	23.81	/	24.50		
	16QAM	16QAM	1	0	/	23.53	/	24.50	
			1	38	/	23.64	/	24.50	
			1	74	/	23.43	/	24.50	
			36	0	/	22.32	/	23.50	
			36	18	/	22.30	/	23.50	
			36	39	/	22.41	/	23.50	
			75	0	/	22.40	/	23.50	
	64QAM	64QAM	1	0	/	22.52	/	23.50	
			1	38	/	22.49	/	23.50	
			1	74	/	22.56	/	23.50	
			36	0	/	21.46	/	22.50	
			36	18	/	21.58	/	22.50	
			36	39	/	21.46	/	22.50	
			75	0	/	21.42	/	22.50	
	256QAM	256QAM	1	0	/	19.48	/	20.50	
			1	38	/	19.46	/	20.50	
			1	74	/	19.49	/	20.50	
			36	0	/	19.37	/	20.50	
36			18	/	19.33	/	20.50		
36			39	/	19.28	/	20.50		
75			0	/	19.36	/	20.50		
75			0	/	19.36	/	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				/	26865	/			



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LTE Band 66 DSI 1&4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	23.88	24.10	24.23	25.50	
		1	2	23.68	24.02	23.90	25.50	
		1	5	23.97	24.00	23.81	25.50	
		3	0	24.25	24.30	24.17	25.50	
		3	1	23.95	24.13	24.03	25.50	
		3	3	24.30	24.35	24.23	25.50	
	16QAM	6	0	23.08	23.31	22.99	24.50	
		1	0	23.09	23.22	22.71	24.50	
		1	2	22.96	22.99	22.79	24.50	
		1	5	22.81	22.96	23.17	24.50	
		3	0	23.32	22.99	23.12	24.50	
		3	1	23.04	23.09	23.12	24.50	
	64QAM	3	3	22.80	23.28	22.76	24.50	
		6	0	22.02	21.69	21.81	23.50	
		1	0	21.83	22.05	21.85	23.50	
		1	2	21.85	22.02	22.10	23.50	
		1	5	22.00	22.04	22.07	23.50	
		3	0	21.90	22.02	22.20	23.50	
	256QAM	3	1	22.32	22.10	21.87	23.50	
		3	3	21.94	22.33	22.02	23.50	
		6	0	20.88	21.08	21.15	22.50	
		1	0	18.90	19.00	19.15	20.50	
		1	2	19.13	18.91	19.06	20.50	
		1	5	18.95	18.98	18.93	20.50	
	3MHz	QPSK	3	0	18.96	19.00	18.73	20.50
			3	1	18.72	19.06	18.95	20.50
			3	3	19.09	19.19	19.01	20.50
			6	0	18.76	19.15	18.70	20.50
1			0	23.94	24.10	24.27	25.50	
1			7	23.77	24.09	23.94	25.50	
16QAM		1	14	24.01	23.99	23.90	25.50	
		8	0	23.32	23.25	23.22	24.50	
		8	4	23.04	23.08	23.08	24.50	
		8	7	23.20	23.29	23.24	24.50	
		15	0	23.05	23.30	23.02	24.50	
		1	0	23.12	23.23	22.72	24.50	
64QAM		1	7	23.03	23.08	22.81	24.50	
		1	14	22.91	22.90	23.24	24.50	
		8	0	22.27	21.96	22.18	23.50	
		8	4	22.02	22.09	22.10	23.50	
		8	7	21.87	22.21	21.70	23.50	
		15	0	21.92	21.71	21.84	23.50	
256QAM		1	0	21.74	22.09	21.78	23.50	
		1	7	21.85	22.03	22.03	23.50	
		1	14	21.93	22.04	22.08	23.50	
		8	0	20.94	20.92	21.18	22.50	
		8	4	21.22	21.19	20.85	22.50	
		8	7	20.99	21.30	20.96	22.50	
5MHz		QPSK	15	0	20.89	21.11	21.09	22.50
			1	0	18.85	19.00	19.14	20.50
			1	7	19.04	18.81	19.02	20.50
			1	14	19.01	18.93	18.95	20.50
	8		0	19.03	19.00	18.74	20.50	
	8		4	18.69	19.02	18.93	20.50	
	8		7	19.10	19.28	18.99	20.50	
	15		0	18.81	19.10	18.73	20.50	
	Channel		Channel	Channel	Tune up			
	131997		132322	132647				
1	0	23.99	24.19	24.25	25.50			
1	13	23.72	24.00	24.04	25.50			
1	24	23.93	23.96	23.92	25.50			



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		12	0	23.26	23.22	23.28	24.50	
		12	6	23.09	23.10	23.04	24.50	
		12	13	23.15	23.25	23.19	24.50	
		25	0	23.05	23.28	23.00	24.50	
	16QAM	1	0	23.19	23.15	22.79	24.50	
		1	13	23.04	23.02	22.82	24.50	
		1	24	22.87	23.00	23.19	24.50	
		12	0	22.24	22.00	22.20	23.50	
		12	6	22.01	22.04	22.06	23.50	
		12	13	21.79	22.26	21.69	23.50	
		25	0	21.92	21.79	21.94	23.50	
		64QAM	1	0	21.82	21.99	21.81	23.50
	1		13	21.79	22.02	22.06	23.50	
	1		24	21.97	21.97	22.00	23.50	
	12		0	20.99	20.90	21.21	22.50	
	12		6	21.17	21.15	20.92	22.50	
	12		13	20.91	21.22	20.87	22.50	
	25		0	20.90	21.12	21.10	22.50	
	256QAM		1	0	18.78	18.97	19.06	20.50
		1	13	18.99	18.81	19.08	20.50	
1		24	19.04	19.01	18.92	20.50		
12		0	18.99	18.91	18.81	20.50		
12		6	18.65	19.01	18.95	20.50		
12		13	19.02	19.27	18.96	20.50		
25		0	18.85	19.01	18.79	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up	
10MHz	QPSK	1	0	24.03	24.28	24.16	25.50	
		1	25	23.81	23.97	24.01	25.50	
		1	49	24.01	23.88	23.85	25.50	
		25	0	23.17	23.25	23.35	24.50	
		25	13	23.12	23.05	23.09	24.50	
		25	25	23.20	23.15	23.15	24.50	
	16QAM	50	0	23.05	23.19	23.02	24.50	
		1	0	23.09	23.13	22.87	24.50	
		1	25	23.03	23.11	22.82	24.50	
		1	49	22.95	23.04	23.11	24.50	
		25	0	22.15	22.07	22.15	23.50	
		25	13	21.93	22.00	22.13	23.50	
	64QAM	25	25	21.79	22.28	21.77	23.50	
		50	0	21.91	21.85	21.89	23.50	
		1	0	21.85	22.09	21.84	23.50	
		1	25	21.88	21.93	22.02	23.50	
		1	49	21.94	21.88	22.08	23.50	
		25	0	20.97	20.82	21.15	22.50	
	256QAM	25	13	21.10	21.12	21.01	22.50	
		25	25	20.92	21.13	20.96	22.50	
		50	0	20.97	21.09	21.11	22.50	
		1	0	18.84	18.89	19.00	20.50	
		1	25	19.03	18.89	19.03	20.50	
		1	49	19.02	19.08	18.95	20.50	
		25	0	19.01	18.85	18.86	20.50	
		25	13	18.75	18.94	18.86	20.50	
		25	25	18.97	19.20	18.93	20.50	
		50	0	18.89	19.03	18.89	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
	15MHz	QPSK	1	0	24.12	24.22	24.21	25.50
1			38	23.89	23.93	23.92	25.50	
1			74	24.07	23.94	23.92	25.50	
36			0	23.19	23.25	23.25	24.50	
36			18	23.09	23.15	23.18	24.50	
36			39	23.25	23.23	23.12	24.50	
75			0	22.95	23.20	22.92	24.50	
16QAM		1	0	23.12	23.03	22.91	24.50	
		1	38	23.05	23.17	22.90	24.50	
		1	74	23.01	23.07	23.07	24.50	
		36	0	22.06	22.12	22.11	23.50	
		36	18	21.96	21.93	22.04	23.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	64QAM	36	39	21.88	22.23	21.81	23.50	
		75	0	21.94	21.92	21.99	23.50	
		1	0	21.83	22.09	21.80	23.50	
		1	38	21.91	22.03	22.06	23.50	
		1	74	21.85	21.98	22.01	23.50	
		36	0	20.96	20.91	21.06	22.50	
		36	18	21.12	21.02	20.96	22.50	
		36	39	20.91	21.11	21.02	22.50	
	256QAM	75	0	20.94	21.08	21.06	22.50	
		1	0	18.83	18.98	18.90	20.50	
		1	38	19.03	18.93	18.98	20.50	
		1	74	18.96	19.09	18.90	20.50	
		36	0	19.01	18.91	18.96	20.50	
		36	18	18.82	19.04	18.85	20.50	
		36	39	18.94	19.21	19.03	20.50	
		75	0	18.92	19.02	18.98	20.50	
	20MHz	QPSK	1	0	24.48	24.56	24.44	25.50
			1	50	23.85	23.98	24.02	25.50
			1	99	23.99	24.03	23.99	25.50
			50	0	23.63	23.68	23.55	24.50
			50	25	23.00	23.18	23.08	24.50
			50	50	23.15	23.20	23.03	24.50
			100	0	23.29	23.46	23.35	24.50
		16QAM	1	0	23.04	23.03	22.94	24.50
			1	50	22.99	23.17	22.90	24.50
			1	99	22.95	23.06	23.00	24.50
			50	0	22.03	22.07	22.11	23.50
			50	25	21.89	21.95	22.00	23.50
			50	50	21.93	22.15	21.88	23.50
			100	0	21.96	22.01	22.01	23.50
		64QAM	1	0	21.93	22.15	21.82	23.50
			1	50	21.99	21.98	22.08	23.50
			1	99	21.88	22.00	21.93	23.50
			50	0	20.97	20.99	21.03	22.50
			50	25	21.03	21.05	20.96	22.50
			50	50	20.82	21.02	21.04	22.50
100			0	20.93	21.12	21.00	22.50	
256QAM		1	0	18.85	19.07	18.86	20.50	
		1	50	18.94	18.94	18.99	20.50	
		1	99	18.94	19.12	18.96	20.50	
		50	0	19.02	19.00	18.90	20.50	
		50	25	18.87	19.08	18.94	20.50	
		50	50	19.03	19.13	18.95	20.50	
		100	0	18.93	19.02	18.94	20.50	

LTE Band 66 DSI 2&3&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.86	20.22	20.17	21.50
		1	2	20.07	19.99	19.89	21.50
		1	5	19.83	19.99	19.73	21.50
		3	0	20.12	20.02	19.97	21.50
		3	1	19.76	20.11	19.98	21.50
		3	3	19.81	19.80	19.72	21.50
		6	0	19.83	19.68	19.97	21.50
	16QAM	1	0	19.88	20.00	19.99	21.50
		1	2	19.72	19.96	19.94	21.50
		1	5	19.70	20.10	19.81	21.50
		3	0	19.79	20.14	19.94	21.50
		3	1	19.88	19.94	19.91	21.50
		3	3	19.78	20.15	19.80	21.50
		6	0	19.76	20.20	20.15	21.50
	64QAM	1	0	19.54	19.70	19.96	21.50
		1	2	19.76	20.26	19.76	21.50
		1	5	19.72	19.91	19.79	21.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131987	132322	132657		
3MHz	256QAM	3	0	19.52	19.75	19.84	21.50	
		3	1	20.12	20.12	19.89	21.50	
		3	3	19.67	19.88	20.04	21.50	
		6	0	20.12	19.94	19.94	21.50	
		1	0	18.94	19.03	18.52	20.50	
		1	2	18.92	18.79	18.77	20.50	
		1	5	18.66	19.20	19.10	20.50	
		3	0	18.97	18.62	18.69	20.50	
		3	1	19.00	19.18	19.06	20.50	
	3	3	18.78	18.97	18.97	20.50		
	6	0	19.12	19.02	18.62	20.50		
	3MHz	QPSK	1	0	19.92	20.16	20.18	21.50
			1	7	19.98	19.95	19.97	21.50
			1	14	19.82	19.93	19.83	21.50
			8	0	20.14	20.11	19.92	21.50
			8	4	19.85	20.06	19.89	21.50
			8	7	19.77	19.85	19.80	21.50
			15	0	19.89	19.77	20.04	21.50
		16QAM	1	0	19.84	20.03	19.96	21.50
			1	7	19.71	19.93	19.89	21.50
			1	14	19.77	20.05	19.76	21.50
			8	0	19.78	20.05	19.87	21.50
			8	4	19.86	19.95	19.90	21.50
			8	7	19.86	20.05	19.77	21.50
			15	0	19.83	20.15	20.09	21.50
		64QAM	1	0	19.53	19.67	19.87	21.50
			1	7	19.82	20.20	19.84	21.50
			1	14	19.63	20.00	19.81	21.50
8			0	19.59	19.69	19.76	21.50	
8			4	20.17	20.18	19.80	21.50	
8			7	19.75	19.91	19.95	21.50	
15			0	20.09	20.03	19.99	21.50	
256QAM		1	0	19.01	19.03	18.58	20.50	
		1	7	19.02	18.80	18.74	20.50	
		1	14	18.70	19.11	19.17	20.50	
		8	0	19.05	18.71	18.60	20.50	
		8	4	19.03	19.15	19.10	20.50	
		8	7	18.68	18.95	18.89	20.50	
		15	0	19.08	18.94	18.68	20.50	
5MHz	QPSK	1	0	20.01	20.17	20.18	21.50	
		1	13	20.01	19.85	19.93	21.50	
		1	24	19.75	19.99	19.89	21.50	
		12	0	20.12	20.08	19.92	21.50	
		12	6	19.84	20.01	19.87	21.50	
		12	13	19.87	19.89	19.77	21.50	
		25	0	19.80	19.84	20.00	21.50	
	16QAM	1	0	19.75	20.03	20.00	21.50	
		1	13	19.73	19.93	19.89	21.50	
		1	24	19.85	20.06	19.79	21.50	
		12	0	19.75	20.04	19.93	21.50	
		12	6	19.82	19.89	19.97	21.50	
		12	13	19.96	20.03	19.84	21.50	
		25	0	19.73	20.17	20.12	21.50	
	64QAM	1	0	19.61	19.74	19.92	21.50	
		1	13	19.77	20.18	19.90	21.50	
		1	24	19.66	19.93	19.89	21.50	
		12	0	19.64	19.79	19.70	21.50	
		12	6	20.21	20.18	19.90	21.50	
		12	13	19.84	19.89	19.91	21.50	
		25	0	20.12	20.04	20.03	21.50	
	256QAM	1	0	18.94	18.98	18.62	20.50	
		1	13	18.97	18.83	18.79	20.50	
		1	24	18.74	19.02	19.16	20.50	
		12	0	18.97	18.75	18.68	20.50	
		12	6	19.08	19.05	19.08	20.50	



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Bandwidth	Modulation	12	13	18.72	18.90	18.84	20.50	
		25	0	19.04	18.99	18.72	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132022	132322	132622		
10MHz	QPSK	1	0	20.03	20.10	20.25	21.50	
		1	25	19.96	19.88	19.92	21.50	
		1	49	19.79	19.98	19.99	21.50	
		25	0	20.07	20.12	19.84	21.50	
		25	13	19.90	19.98	19.79	21.50	
		25	25	19.82	19.94	19.80	21.50	
		50	0	19.71	19.84	19.95	21.50	
	16QAM	1	0	19.68	19.97	19.92	21.50	
		1	25	19.82	20.01	19.93	21.50	
		1	49	19.86	20.05	19.84	21.50	
		25	0	19.79	19.95	19.90	21.50	
		25	13	19.87	19.96	19.88	21.50	
		25	25	20.01	19.98	19.74	21.50	
		50	0	19.83	20.13	20.08	21.50	
	64QAM	1	0	19.68	19.74	19.85	21.50	
		1	25	19.82	20.11	19.85	21.50	
		1	49	19.67	20.02	19.95	21.50	
		25	0	19.74	19.88	19.77	21.50	
		25	13	20.11	20.11	19.87	21.50	
		25	25	19.75	19.92	19.84	21.50	
		50	0	20.04	20.14	20.05	21.50	
	256QAM	1	0	18.90	19.06	18.69	20.50	
		1	25	18.98	18.84	18.81	20.50	
		1	49	18.80	19.00	19.06	20.50	
		25	0	18.94	18.79	18.78	20.50	
		25	13	19.05	18.98	18.98	20.50	
		25	25	18.81	18.99	18.85	20.50	
		50	0	18.98	18.94	18.79	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132047	132322	132597	
15MHz	QPSK	1	0	20.03	20.17	20.17	21.50	
		1	38	19.87	19.97	19.87	21.50	
		1	74	19.84	20.08	19.98	21.50	
		36	0	20.06	20.04	19.94	21.50	
		36	18	19.98	20.05	19.84	21.50	
		36	39	19.75	19.84	19.82	21.50	
		75	0	19.64	19.86	19.86	21.50	
	16QAM	1	0	19.73	19.98	19.86	21.50	
		1	38	19.88	19.93	19.93	21.50	
		1	74	19.85	19.97	19.84	21.50	
		36	0	19.85	19.96	19.89	21.50	
		36	18	19.83	19.92	19.88	21.50	
		36	39	19.92	19.98	19.78	21.50	
		75	0	19.93	20.04	19.99	21.50	
	64QAM	1	0	19.76	19.83	19.78	21.50	
		1	38	19.79	20.01	19.94	21.50	
		1	74	19.73	19.96	19.87	21.50	
		36	0	19.72	19.96	19.71	21.50	
		36	18	20.12	20.16	19.97	21.50	
		36	39	19.82	19.89	19.91	21.50	
		75	0	19.99	20.11	19.97	21.50	
	256QAM	1	0	18.88	19.02	18.78	20.50	
		1	38	18.93	18.86	18.87	20.50	
		1	74	18.85	18.98	18.96	20.50	
		36	0	18.87	18.86	18.86	20.50	
		36	18	18.96	19.01	19.00	20.50	
		36	39	18.87	19.00	18.95	20.50	
		75	0	19.01	18.96	18.85	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
20MHz	QPSK	1	0	20.35	20.44	20.37	21.50	
		1	50	19.90	19.98	19.89	21.50	
		1	99	19.90	20.01	19.91	21.50	
		50	0	20.14	20.29	20.18	21.50	
		50	25	19.91	19.98	19.89	21.50	



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		50	50	19.74	19.88	19.82	21.50
		100	0	19.74	20.15	19.77	21.50
	16QAM	1	0	19.80	19.91	19.76	21.50
		1	50	19.91	20.00	19.96	21.50
		1	99	19.89	19.96	19.88	21.50
		50	0	19.83	19.95	19.86	21.50
		50	25	19.90	19.98	19.88	21.50
		50	50	19.82	19.94	19.82	21.50
		100	0	19.94	19.99	19.92	21.50
	64QAM	1	0	19.75	19.89	19.83	21.50
		1	50	19.88	19.95	19.84	21.50
		1	99	19.78	19.90	19.82	21.50
		50	0	19.80	19.93	19.78	21.50
		50	25	20.03	20.08	20.00	21.50
		50	50	19.81	19.96	19.91	21.50
		100	0	19.92	20.05	19.98	21.50
	256QAM	1	0	18.88	18.95	18.85	20.50
		1	50	18.84	18.94	18.84	20.50
		1	99	18.88	18.96	18.90	20.50
		50	0	18.86	18.90	18.85	20.50
50		25	18.94	19.03	18.96	20.50	
50		50	18.90	19.02	18.92	20.50	
100		0	18.92	19.00	18.90	20.50	

LTE Band 38 DSI 1&2&3&4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.93	24.00	24.06	25.50
		1	13	24.10	24.05	23.95	25.50
		1	24	23.89	23.88	23.86	25.50
		12	0	23.30	23.33	23.32	24.50
		12	6	23.43	23.33	23.38	24.50
		12	13	23.30	23.26	23.32	24.50
		25	0	23.47	23.39	23.37	24.50
	16QAM	1	0	23.07	23.10	23.11	24.50
		1	13	23.22	23.19	23.28	24.50
		1	24	23.03	23.11	23.07	24.50
		12	0	21.83	21.76	21.71	23.50
		12	6	22.18	22.12	22.16	23.50
		12	13	21.96	22.01	22.07	23.50
		25	0	22.10	22.07	22.05	23.50
	64QAM	1	0	22.07	21.97	21.94	23.50
		1	13	22.14	22.06	22.05	23.50
		1	24	22.27	22.21	22.26	23.50
		12	0	21.07	21.03	21.07	22.50
		12	6	21.12	21.04	20.97	22.50
		12	13	20.89	20.88	20.83	22.50
		25	0	21.18	21.16	21.21	22.50
	256QAM	1	0	18.85	18.76	18.76	20.50
		1	13	19.03	19.04	19.02	20.50
		1	24	18.97	19.02	19.01	20.50
		12	0	19.14	19.14	19.04	20.50
		12	6	18.81	18.90	18.94	20.50
		12	13	18.92	19.00	19.08	20.50
		25	0	19.02	19.09	19.16	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	23.99	23.96	23.88	25.50
		1	25	24.04	24.11	24.05	25.50
		1	49	23.99	23.93	23.87	25.50
		25	0	23.41	23.38	23.48	24.50
		25	13	23.26	23.34	23.42	24.50
		25	25	23.12	23.20	23.30	24.50
		50	0	23.26	23.35	23.37	24.50
	16QAM	1	0	22.97	23.06	23.14	24.50
		1	25	23.19	23.16	23.26	24.50
		1	49	23.09	23.04	23.02	24.50
		25	0	23.99	23.96	23.88	25.50
		25	13	23.26	23.34	23.42	24.50
		25	25	23.12	23.20	23.30	24.50
		50	0	23.26	23.35	23.37	24.50



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		25	0	21.72	21.81	21.83	23.50
		25	13	22.02	22.04	22.09	23.50
		25	25	22.04	21.99	21.90	23.50
		50	0	22.18	22.16	22.15	23.50
		50	25	22.18	22.16	22.15	23.50
	64QAM	1	0	21.99	22.02	21.92	23.50
		1	25	21.89	21.96	21.97	23.50
		1	49	22.22	22.14	22.21	23.50
		25	0	21.03	21.00	21.06	22.50
		25	13	21.11	21.10	21.20	22.50
	256QAM	25	25	20.93	20.92	20.97	22.50
		50	0	21.03	21.07	21.00	22.50
		1	0	18.88	18.85	18.92	20.50
		1	25	19.04	19.10	19.05	20.50
		1	49	18.96	19.01	19.11	20.50
	25	0	19.03	19.08	19.05	20.50	
	25	13	18.86	18.82	18.75	20.50	
	25	25	18.84	18.90	19.00	20.50	
	50	0	19.07	19.14	19.22	20.50	
	50	25	19.07	19.14	19.22	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.94	24.03	24.03	25.50
		1	38	24.05	24.01	23.99	25.50
		1	74	23.87	23.91	23.86	25.50
		36	0	23.42	23.32	23.40	24.50
		36	18	23.29	23.26	23.27	24.50
		36	39	23.05	23.12	23.14	24.50
	16QAM	75	0	23.41	23.44	23.43	24.50
		1	0	23.18	23.12	23.13	24.50
		1	38	23.02	23.11	23.05	24.50
		1	74	22.99	23.07	23.10	24.50
		36	0	21.73	21.83	21.92	23.50
		36	18	22.11	22.03	22.03	23.50
	64QAM	36	39	21.88	21.90	21.85	23.50
		75	0	22.13	22.13	22.21	23.50
		1	0	22.20	22.12	22.09	23.50
		1	38	22.01	22.02	21.98	23.50
		1	74	22.14	22.14	22.14	23.50
		36	0	21.00	20.99	21.00	22.50
	256QAM	36	18	21.05	21.11	21.05	22.50
		36	39	21.00	21.01	21.04	22.50
		75	0	21.05	21.02	21.03	22.50
		1	0	18.92	18.88	18.86	20.50
		1	38	19.04	19.04	19.03	20.50
		1	74	19.05	19.10	19.09	20.50
		36	0	19.02	18.98	18.97	20.50
		36	18	18.71	18.80	18.71	20.50
		36	39	18.82	18.92	18.89	20.50
		75	0	19.07	19.07	19.10	20.50
		75	25	19.07	19.07	19.10	20.50
		75	50	19.07	19.07	19.10	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	24.37	/	25.50
		1	50	/	23.92	/	25.50
		1	99	/	23.87	/	25.50
		50	0	/	23.58	/	24.50
		50	25	/	23.24	/	24.50
		50	50	/	23.14	/	24.50
	16QAM	100	0	/	23.49	/	24.50
		1	0	/	23.15	/	24.50
		1	50	/	23.17	/	24.50
		1	99	/	23.12	/	24.50
		50	0	/	21.93	/	23.50
		50	25	/	21.95	/	23.50
	64QAM	50	50	/	21.96	/	23.50
		100	0	/	22.06	/	23.50
		1	0	/	22.11	/	23.50
		1	50	/	21.98	/	23.50
		1	99	/	22.18	/	23.50
		50	0	/	21.02	/	22.50
	50	25	/	21.17	/	22.50	



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256QAM	50	50	/	20.98	/	22.50
	100	0	/	21.02	/	22.50
	1	0	/	18.98	/	20.50
	1	50	/	19.07	/	20.50
	1	99	/	19.07	/	20.50
	50	0	/	19.05	/	20.50
	50	25	/	18.82	/	20.50
	50	50	/	18.95	/	20.50
	100	0	/	19.00	/	20.50

LTE Band 41(2496~2690) DSI 1&2&3&4&5				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	23.9	23.99	24.27	23.94	23.99	25.50
		1	13	24.04	23.8	24.07	24.17	23.88	25.50
		1	24	23.69	23.67	23.87	23.9	23.93	25.50
		12	0	23.5	23.08	23.49	23.21	23.27	24.50
		12	6	23.27	23.22	23.21	23.38	23.22	24.50
		12	13	23.34	23.31	23.26	23.41	23.17	24.50
	16QAM	25	0	23.29	23.22	23.53	23.28	23.38	24.50
		1	0	23.36	23.2	23.4	23.38	23.34	24.50
		1	13	23.24	23.25	23.35	23.11	23.16	24.50
		1	24	22.97	23.09	23.35	23.26	23.34	24.50
		12	0	21.97	21.95	22.12	22.07	21.86	23.50
		12	6	22.01	21.76	22.07	21.94	21.94	23.50
	64QAM	12	13	22.06	22.02	22.05	22.1	22.13	23.50
		25	0	21.87	21.91	22.03	22	22.24	23.50
		1	0	22.28	22.05	22.29	22.42	22.23	23.50
		1	13	21.97	21.93	22.11	22.10	22.01	23.50
		1	24	22.24	22.16	22.29	22.27	22.23	23.50
		12	0	20.88	21.12	21.17	20.97	20.86	22.50
	256QAM	12	6	21.17	21.13	21.14	21.23	21.22	22.50
		12	13	21.01	21.21	21.15	21.29	21.28	22.50
		25	0	20.90	20.89	21.04	21.02	20.99	22.50
		1	0	19.04	19.09	19.22	19.08	18.85	20.50
		1	13	19.01	19.20	18.96	18.87	18.94	20.50
		1	24	19.25	19.23	18.82	19.01	19.13	20.50
10MHz	QPSK	12	0	19.27	19.00	19.34	19.31	18.83	20.50
		12	6	19.01	18.71	19.01	18.88	18.79	20.50
		12	13	18.83	19.10	19.00	19.11	18.73	20.50
		25	0	18.87	19.21	19.19	19.05	18.73	20.50
		1	0	23.99	23.92	24.25	23.98	24.09	25.50
		1	25	24.03	23.89	24.09	24.14	23.92	25.50
	16QAM	1	49	23.59	23.74	23.86	23.99	23.84	25.50
		25	0	23.41	23.07	23.39	23.3	23.36	24.50
		25	13	23.29	23.28	23.26	23.29	23.15	24.50
		25	25	23.37	23.33	23.22	23.38	23.2	24.50
		50	0	23.26	23.32	23.5	23.36	23.31	24.50
		1	0	23.29	23.16	23.36	23.33	23.28	24.50
	64QAM	1	25	23.33	23.35	23.41	23.21	23.22	24.50
		1	49	22.87	23.06	23.31	23.24	23.33	24.50
		25	0	21.88	21.96	22.1	21.97	21.95	23.50
		25	13	21.98	21.85	22.16	22.04	21.89	23.50
		25	25	22.1	22	22.09	22.11	22.04	23.50
		50	0	21.95	21.96	22.01	22.1	22.17	23.50
256QAM	1	0	22.25	22.11	22.26	22.36	22.23	23.50	
	1	25	21.93	22.02	22.06	22.06	22.08	23.50	
	1	49	22.24	22.18	22.21	22.31	22.21	23.50	
	25	0	20.98	21.15	21.14	21.05	20.95	22.50	
	25	13	21.11	21.21	21.10	21.13	21.19	22.50	
	25	25	21.09	21.15	21.25	21.22	21.19	22.50	
256QAM	50	0	20.92	20.91	21.06	21.08	21.03	22.50	
	1	0	18.97	19.01	19.30	19.06	18.88	20.50	
	1	25	19.06	19.11	18.93	18.88	19.02	20.50	
	1	49	19.17	19.14	18.89	19.07	19.12	20.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	25	0	19.27	19.05	19.30	19.26	18.91	20.50
		25	13	19.09	18.69	18.95	18.79	18.89	20.50
		25	25	18.91	19.00	19.01	19.10	18.80	20.50
		50	0	18.93	19.17	19.17	19.07	18.82	20.50
		1	0	23.99	24	24.2	23.96	24.07	25.50
		1	38	23.97	23.94	24.01	24.1	23.89	25.50
		1	74	23.66	23.69	23.94	23.9	23.81	25.50
	16QAM	36	0	23.44	23.15	23.47	23.21	23.34	24.50
		36	18	23.32	23.23	23.29	23.31	23.14	24.50
		36	39	23.34	23.28	23.32	23.32	23.26	24.50
		75	0	23.23	23.34	23.54	23.34	23.24	24.50
		1	0	23.22	23.24	23.3	23.31	23.36	24.50
		1	38	23.25	23.26	23.38	23.28	23.19	24.50
		1	74	22.96	23.03	23.29	23.15	23.28	24.50
	64QAM	36	0	21.96	21.9	22.09	22.06	21.92	23.50
		36	18	22.01	21.91	22.18	22.14	21.99	23.50
		36	39	22.09	22.06	22.15	22.11	22.07	23.50
		75	0	22.03	22	22.07	22.05	22.07	23.50
		1	0	22.20	22.10	22.26	22.26	22.13	23.50
		1	38	21.96	22.07	22.05	21.99	22.07	23.50
1		74	22.20	22.26	22.23	22.40	22.15	23.50	
256QAM	36	0	21.08	21.06	21.21	21.08	21.01	22.50	
	36	18	21.21	21.27	21.20	21.18	21.18	22.50	
	36	39	21.14	21.16	21.27	21.15	21.13	22.50	
	75	0	20.97	20.99	21.05	21.01	21.00	22.50	
	1	0	19.07	19.10	19.21	18.98	18.92	20.50	
	1	38	19.04	19.08	19.02	18.94	19.01	20.50	
	1	74	19.13	19.06	18.98	19.06	19.21	20.50	
20MHz	QPSK	36	0	19.23	19.12	19.20	19.18	19.00	20.50
		36	18	19.03	18.77	18.99	18.86	18.96	20.50
		36	39	18.91	18.91	19.07	19.00	18.87	20.50
		75	0	18.98	19.14	19.19	18.99	18.89	20.50
		1	0	24.38	24.33	24.46	24.39	24.41	25.50
		1	50	23.93	24.05	24.09	24.03	23.87	25.50
		1	99	23.76	23.74	23.86	23.82	23.75	25.50
	16QAM	50	0	23.34	23.32	23.56	23.36	23.38	24.50
		50	25	23.25	23.32	23.36	23.23	23.2	24.50
		50	50	23.25	23.23	23.36	23.27	23.22	24.50
		100	0	23.25	23.41	23.51	23.4	23.24	24.50
		1	0	23.27	23.25	23.29	23.21	23.35	24.50
		1	50	23.23	23.18	23.3	23.24	23.19	24.50
		1	99	23.04	23.1	23.24	23.16	23.22	24.50
	64QAM	50	0	21.97	21.99	22.12	22.05	21.99	23.50
		50	25	22.06	21.98	22.11	22.06	21.95	23.50
		50	50	22.06	21.99	22.13	22.03	22.03	23.50
		100	0	22.02	22.07	22.15	22.12	22.12	23.50
		1	0	22.12	22.16	22.27	22.18	22.23	23.50
		1	50	22.01	22.13	22.15	22.07	22.06	23.50
1		99	22.10	22.25	22.33	22.31	22.22	23.50	
256QAM	50	0	21.08	21.03	21.16	21.06	21.05	22.50	
	50	25	21.24	21.19	21.27	21.17	21.11	22.50	
	50	50	21.08	21.14	21.18	21.07	21.06	22.50	
	100	0	20.95	21.01	21.06	20.93	20.95	22.50	
	1	0	19.11	19.02	19.11	18.98	18.93	20.50	
	1	50	18.96	18.98	19.06	18.92	19.09	20.50	
	1	99	19.10	19.01	19.08	19.04	19.14	20.50	
256QAM	50	0	19.15	19.10	19.18	19.08	18.99	20.50	
	50	25	18.95	18.81	18.94	18.79	18.96	20.50	
	50	50	18.84	18.88	19.00	18.96	18.95	20.50	
	100	0	19.08	19.04	19.17	19.09	18.99	20.50	



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### 1.2 Conducted Power of Legacy (Ant1)

WCDMA Band V DSI 1&2&3&4&5					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	24.14	24.23	24.10	25.00
	12.2kbps AMR	24.13	24.15	24.01	25.00
HSDPA	Subtest 1	23.26	23.37	23.32	24.00
	Subtest 2	23.26	23.42	23.39	24.00
	Subtest 3	23.36	23.43	23.42	24.00
	Subtest 4	23.21	23.47	23.35	24.00
HSUPA	Subtest 1	21.33	21.45	21.48	22.00
	Subtest 2	21.36	21.52	21.38	22.00
	Subtest 3	22.22	22.49	22.44	23.00
	Subtest 4	21.25	21.37	21.38	22.00
	Subtest 5	22.26	22.37	22.36	23.00
DC-HSDPA	Subtest 1	23.27	23.30	23.31	24.00
	Subtest 2	23.18	23.36	23.40	24.00
	Subtest 3	23.37	23.44	23.50	24.00
	Subtest 4	23.26	23.50	23.37	24.00
HSPA+	16QAM	22.22	22.41	22.35	23.00

GSM 850 DSI 1&2&3&4&5										
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	33.04	33.29	33.07	34.00	-9.19	23.85	24.10	23.88	24.81
GPRS(GMSK)	1 TX Slot	33.03	33.21	33.12	34.00	-9.19	23.84	24.02	23.93	24.81
	2 TX Slots	29.70	29.76	29.62	31.50	-6.18	23.52	23.58	23.44	25.32
	3 TX Slots	27.97	28.13	28.06	29.50	-4.42	23.55	23.71	23.64	25.08
	4 TX Slots	25.88	26.05	25.94	27.00	-3.17	22.71	22.88	22.77	23.83
EGPRS(GMSK)	1 TX Slot	33.07	33.11	33.05	34.00	-9.19	23.88	23.92	23.86	24.81
	2 TX Slots	29.75	29.78	29.69	31.50	-6.18	23.57	23.60	23.51	25.32
	3 TX Slots	27.92	28.17	28.03	29.50	-4.42	23.50	23.75	23.61	25.08
	4 TX Slots	25.91	26.12	26.02	27.00	-3.17	22.74	22.95	22.85	23.83
EGPRS(8PSK)	1 TX Slot	27.11	27.15	26.99	28.00	-9.19	17.92	17.96	17.80	18.81
	2 TX Slots	23.95	24.06	23.89	25.00	-6.18	17.77	17.88	17.71	18.82
	3 TX Slots	21.87	21.97	21.84	23.20	-4.42	17.45	17.55	17.42	18.78
	4 TX Slots	20.65	20.79	20.63	22.00	-3.17	17.48	17.62	17.46	18.83



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LTE Band 5 DSI 1&2&3&4&5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	24.15	24.13	24.19	25.50	
		1	2	23.85	23.95	23.91	25.50	
		1	5	23.91	23.93	23.88	25.50	
		3	0	24.63	24.61	24.57	25.50	
		3	2	24.52	24.56	24.61	25.50	
		3	3	24.43	24.42	24.34	25.50	
	16QAM	6	0	23.47	23.42	23.48	24.50	
		1	0	23.35	23.38	23.42	24.50	
		1	2	23.71	23.69	23.59	24.50	
		1	5	23.22	23.24	23.22	24.50	
		3	0	23.13	23.23	23.13	24.50	
		3	2	23.25	23.35	23.43	24.50	
	64QAM	3	3	23.49	23.45	23.44	24.50	
		6	0	22.14	22.16	22.17	23.50	
		1	0	22.50	22.51	22.42	23.50	
		1	2	22.23	22.28	22.31	23.50	
		1	5	22.54	22.48	22.57	23.50	
		3	0	22.32	22.24	22.20	23.50	
	256QAM	3	2	22.27	22.28	22.18	23.50	
		3	3	22.07	22.10	22.14	23.50	
		6	0	20.90	20.99	20.92	22.50	
		1	0	19.45	19.38	19.40	20.50	
		1	2	19.12	19.20	19.18	20.50	
		1	5	19.24	19.22	19.14	20.50	
	3MHz	QPSK	3	0	19.21	19.24	19.32	20.50
			3	2	19.18	19.22	19.21	20.50
			3	3	19.13	19.19	19.13	20.50
			6	0	19.25	19.32	19.34	20.50
1			0	24.14	24.18	24.28	25.50	
1			7	23.95	24.01	24.04	25.50	
1			14	23.89	23.91	23.90	25.50	
16QAM		8	0	23.63	23.59	23.65	24.50	
		8	4	23.45	23.46	23.54	24.50	
		8	7	23.43	23.36	23.46	24.50	
		15	0	23.50	23.45	23.44	24.50	
		1	0	23.41	23.37	23.31	24.50	
		1	7	23.50	23.59	23.58	24.50	
		1	14	23.26	23.23	23.32	24.50	
64QAM	8	0	22.24	22.23	22.19	23.50		
	8	4	22.31	22.29	22.39	23.50		
	8	7	22.44	22.39	22.45	23.50		
		15	0	22.28	22.23	22.26	23.50	
		1	0	22.45	22.41	22.32	23.50	
		1	7	22.19	22.23	22.21	23.50	



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		1	14	22.45	22.51	22.57	23.50	
		8	0	21.24	21.31	21.22	22.50	
		8	4	21.23	21.28	21.36	22.50	
		8	7	21.11	21.19	21.12	22.50	
		15	0	20.90	20.97	20.89	22.50	
	256QAM	1	0	19.34	19.28	19.37	20.50	
		1	7	19.27	19.30	19.39	20.50	
		1	14	19.18	19.24	19.30	20.50	
		8	0	19.06	19.16	19.14	20.50	
		8	4	19.17	19.15	19.20	20.50	
		8	7	19.16	19.19	19.09	20.50	
		15	0	19.36	19.32	19.35	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20425	20525	20625		
5MHz	QPSK	1	0	24.20	24.17	24.21	25.50	
		1	13	24.00	24.08	24.03	25.50	
		1	24	24.00	23.96	23.97	25.50	
		12	0	23.74	23.64	23.69	24.50	
		12	6	23.46	23.42	23.42	24.50	
		12	13	23.44	23.37	23.35	24.50	
		25	0	23.41	23.39	23.31	24.50	
	16QAM	1	0	23.34	23.38	23.45	24.50	
		1	13	23.56	23.50	23.46	24.50	
		1	24	23.15	23.13	23.10	24.50	
		12	0	22.26	22.18	22.17	23.50	
		12	6	22.28	22.22	22.21	23.50	
		12	13	22.38	22.31	22.29	23.50	
		25	0	22.20	22.26	22.24	23.50	
	64QAM	1	0	22.44	22.35	22.29	23.50	
		1	13	22.24	22.20	22.26	23.50	
		1	24	22.36	22.41	22.49	23.50	
		12	0	21.43	21.33	21.38	22.50	
		12	6	21.38	21.34	21.31	22.50	
		12	13	21.28	21.25	21.30	22.50	
		25	0	20.99	21.07	20.99	22.50	
	256QAM	1	0	19.37	19.33	19.32	20.50	
		1	13	19.13	19.20	19.17	20.50	
		1	24	19.30	19.30	19.35	20.50	
		12	0	19.22	19.18	19.12	20.50	
		12	6	19.10	19.18	19.22	20.50	
		12	13	19.12	19.15	19.09	20.50	
		25	0	19.20	19.24	19.22	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	20525	/	
10MHz	QPSK	1	0	/	24.67	/	25.50	
		1	25	/	24.16	/	25.50	
		1	49	/	23.98	/	25.50	
		25	0	/	23.74	/	24.50	
		25	13	/	23.37	/	24.50	
		25	25	/	23.45	/	24.50	



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	16QAM	50	0	/	23.57	/	24.50
		1	0	/	23.44	/	24.50
		1	25	/	23.46	/	24.50
		1	49	/	23.21	/	24.50
		25	0	/	22.16	/	23.50
		25	13	/	22.13	/	23.50
		25	25	/	22.27	/	23.50
		50	0	/	22.24	/	23.50
	64QAM	1	0	/	22.29	/	23.50
		1	25	/	22.24	/	23.50
		1	49	/	22.33	/	23.50
		25	0	/	21.26	/	22.50
		25	13	/	21.35	/	22.50
		25	25	/	21.22	/	22.50
	256QAM	50	0	/	21.12	/	22.50
		1	0	/	19.34	/	20.50
		1	25	/	19.17	/	20.50
		1	49	/	19.20	/	20.50
		25	0	/	19.20	/	20.50
		25	13	/	19.10	/	20.50
		25	25	/	19.12	/	20.50
		50	0	/	19.16	/	20.50

LTE FDD Band 12 DSI 1&2&3&4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	24.32	24.40	24.44	25.50
		1	2	24.15	24.12	24.09	25.50
		1	5	24.03	24.07	23.99	25.50
		3	0	24.54	24.48	24.56	25.50
		3	2	24.09	24.13	24.11	25.50
		3	3	24.21	24.17	24.18	25.50
		6	0	23.19	23.24	23.24	24.50
	16QAM	1	0	23.21	23.12	23.11	24.50
		1	2	23.34	23.25	23.35	24.50
		1	5	23.15	23.23	23.26	24.50
		3	0	23.13	23.03	23.07	24.50
		3	2	22.94	23.01	22.93	24.50
		3	3	23.33	23.29	23.24	24.50
		6	0	22.03	21.99	21.98	23.50
	64QAM	1	0	22.13	22.16	22.07	23.50
		1	2	22.38	22.32	22.41	23.50
		1	5	22.01	22.06	21.99	23.50
		3	0	22.00	22.10	22.19	23.50
		3	2	22.46	22.36	22.32	23.50
		3	3	22.24	22.17	22.27	23.50
		6	0	21.14	21.10	21.10	22.50
	256QAM	1	0	19.19	19.13	19.15	20.50
		1	2	19.00	19.10	19.18	20.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	5	19.38	19.35	19.38	20.50
		3	0	18.96	19.04	19.13	20.50
		3	2	19.16	19.20	19.19	20.50
		3	3	19.31	19.23	19.17	20.50
		6	0	19.16	19.17	19.15	20.50
	16QAM	1	0	24.35	24.37	24.31	25.50
		1	7	24.10	24.16	24.17	25.50
		1	14	24.12	24.11	24.06	25.50
		8	0	23.34	23.43	23.42	24.50
		8	4	23.32	23.23	23.15	24.50
		8	7	23.21	23.23	23.19	24.50
		15	0	23.19	23.16	23.18	24.50
	64QAM	1	0	23.01	23.11	23.01	24.50
		1	7	23.27	23.26	23.26	24.50
		1	14	23.17	23.25	23.27	24.50
		8	0	22.04	22.09	22.14	23.50
		8	4	21.99	21.94	21.96	23.50
		8	7	22.34	22.31	22.40	23.50
		15	0	21.87	21.97	21.92	23.50
	256QAM	1	0	22.26	22.22	22.12	23.50
1		7	22.32	22.23	22.28	23.50	
1		14	21.98	21.99	22.01	23.50	
8		0	21.09	21.12	21.03	22.50	
8		4	21.43	21.35	21.32	22.50	
8		7	21.10	21.14	21.24	22.50	
15		0	21.13	21.09	21.19	22.50	
5MHz	QPSK	1	0	19.29	19.21	19.15	20.50
		1	7	19.04	19.12	19.04	20.50
		1	14	19.31	19.33	19.43	20.50
		8	0	19.02	19.10	19.02	20.50
		8	4	19.20	19.11	19.13	20.50
		8	7	19.29	19.23	19.27	20.50
		15	0	19.02	19.07	19.03	20.50
	16QAM	1	0	24.48	24.38	24.41	25.50
		1	13	24.09	24.14	24.20	25.50
		1	24	24.10	24.09	24.04	25.50
		12	0	23.44	23.34	23.27	24.50
		12	6	23.26	23.25	23.26	24.50
		12	13	23.23	23.15	23.07	24.50
		25	0	23.23	23.20	23.20	24.50
		1	0	23.08	23.03	23.04	24.50
		1	13	23.23	23.19	23.20	24.50
		1	24	23.23	23.18	23.09	24.50
		12	0	22.01	22.09	22.01	23.50
		12	6	22.00	21.96	22.02	23.50
		12	13	22.34	22.32	22.33	23.50



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	64QAM	25	0	21.95	22.02	21.98	23.50
		1	0	22.23	22.26	22.36	23.50
		1	13	22.20	22.17	22.23	23.50
		1	24	22.01	22.06	21.98	23.50
		12	0	21.09	21.14	21.10	22.50
		12	6	21.19	21.25	21.15	22.50
		12	13	21.12	21.06	20.98	22.50
		25	0	21.06	21.16	21.08	22.50
	256QAM	1	0	19.23	19.20	19.27	20.50
		1	13	19.24	19.14	19.22	20.50
		1	24	19.35	19.27	19.26	20.50
		12	0	19.11	19.04	19.04	20.50
		12	6	18.98	19.07	19.10	20.50
		12	13	19.08	19.15	19.12	20.50
25	0	19.10	19.17	19.07	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23095	/	
10MHz	QPSK	1	0	/	24.67	/	25.50
		1	25	/	24.17	/	25.50
		1	49	/	24.18	/	25.50
		25	0	/	23.53	/	24.50
		25	13	/	23.24	/	24.50
		25	25	/	23.23	/	24.50
		50	0	/	23.38	/	24.50
	16QAM	1	0	/	23.12	/	24.50
		1	25	/	23.27	/	24.50
		1	49	/	23.27	/	24.50
		25	0	/	22.17	/	23.50
		25	13	/	22.05	/	23.50
		25	25	/	22.27	/	23.50
		50	0	/	22.07	/	23.50
	64QAM	1	0	/	22.18	/	23.50
		1	25	/	22.11	/	23.50
		1	49	/	22.11	/	23.50
		25	0	/	21.13	/	22.50
		25	13	/	21.15	/	22.50
		25	25	/	21.16	/	22.50
		50	0	/	21.15	/	22.50
	256QAM	1	0	/	19.21	/	20.50
		1	25	/	19.13	/	20.50
		1	49	/	19.20	/	20.50
		25	0	/	19.11	/	20.50
		25	13	/	19.09	/	20.50
		25	25	/	19.22	/	20.50
		50	0	/	19.17	/	20.50



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LTE FDD Band 13 DSI 1&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
5MHz	QPSK	1	0	/	23.45	/	24.50
		1	13	/	23.53	/	24.50
		1	24	/	23.31	/	24.50
		12	0	/	23.51	/	24.50
		12	6	/	23.25	/	24.50
		12	13	/	23.32	/	24.50
		25	0	/	23.28	/	24.50
	16QAM	1	0	/	23.21	/	24.50
		1	13	/	23.32	/	24.50
		1	24	/	23.27	/	24.50
		12	0	/	22.53	/	23.50
		12	6	/	22.47	/	23.50
		12	13	/	22.63	/	23.50
		25	0	/	22.59	/	23.50
	64QAM	1	0	/	22.52	/	23.50
		1	13	/	22.56	/	23.50
		1	24	/	22.36	/	23.50
		12	0	/	21.56	/	22.50
		12	6	/	21.42	/	22.50
		12	13	/	21.62	/	22.50
		25	0	/	21.62	/	22.50
	256QAM	1	0	/	19.06	/	20.50
		1	13	/	18.77	/	20.50
		1	24	/	19.02	/	20.50
		12	0	/	18.93	/	20.50
		12	6	/	18.91	/	20.50
		12	13	/	19.07	/	20.50
		25	0	/	18.95	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
10MHz	QPSK	1	0	/	23.64	/	24.50
		1	25	/	23.49	/	24.50
		1	49	/	23.41	/	24.50
		25	0	/	23.57	/	24.50
		25	13	/	23.34	/	24.50
		25	25	/	23.36	/	24.50
		50	0	/	23.42	/	24.50
	16QAM	1	0	/	23.12	/	24.50
		1	25	/	23.25	/	24.50
		1	49	/	23.18	/	24.50
		25	0	/	22.49	/	23.50
		25	13	/	22.49	/	23.50
		25	25	/	22.56	/	23.50
		50	0	/	22.56	/	23.50
	64QAM	1	0	/	22.55	/	23.50
		1	25	/	22.57	/	23.50



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		1	49	/	22.46	/	23.50
		25	0	/	21.51	/	22.50
		25	13	/	21.52	/	22.50
		25	25	/	21.59	/	22.50
		50	0	/	21.52	/	22.50
	256QAM	1	0	/	19.03	/	20.50
		1	25	/	18.87	/	20.50
		1	49	/	19.05	/	20.50
		25	0	/	18.97	/	20.50
		25	13	/	19.01	/	20.50
		25	25	/	19.02	/	20.50
		50	0	/	19.03	/	20.50

LTE FDD Band 13 DSI 2&3&4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	23230	/		
5MHz	QPSK	1	0	/	24.47	/	25.50	
		1	13	/	24.32	/	25.50	
		1	24	/	24.40	/	25.50	
		12	0	/	23.49	/	24.50	
		12	6	/	23.30	/	24.50	
		12	13	/	23.41	/	24.50	
		25	0	/	23.43	/	24.50	
	16QAM	1	0	/	23.30	/	24.50	
		1	13	/	23.40	/	24.50	
		1	24	/	23.32	/	24.50	
		12	0	/	22.28	/	23.50	
		12	6	/	22.14	/	23.50	
		12	13	/	22.42	/	23.50	
		25	0	/	22.23	/	23.50	
	64QAM	1	0	/	22.49	/	23.50	
		1	13	/	22.30	/	23.50	
		1	24	/	22.22	/	23.50	
		12	0	/	21.25	/	22.50	
		12	6	/	21.35	/	22.50	
		12	13	/	21.25	/	22.50	
		25	0	/	21.36	/	22.50	
	256QAM	1	0	/	19.22	/	20.50	
		1	13	/	19.30	/	20.50	
		1	24	/	19.47	/	20.50	
		12	0	/	19.18	/	20.50	
		12	6	/	19.23	/	20.50	
		12	13	/	19.29	/	20.50	
		25	0	/	19.24	/	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	/	24.52	/	25.50
1			25	/	24.27	/	25.50	
1			49	/	24.32	/	25.50	



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		25	0	/	23.52	/	24.50
		25	13	/	23.36	/	24.50
		25	25	/	23.38	/	24.50
		50	0	/	23.4	/	24.50
	16QAM	1	0	/	23.27	/	24.50
		1	25	/	23.38	/	24.50
		1	49	/	23.37	/	24.50
		25	0	/	22.34	/	23.50
		25	13	/	22.2	/	23.50
		25	25	/	22.44	/	23.50
		50	0	/	22.17	/	23.50
		64QAM	1	0	/	22.41	/
	1		25	/	22.27	/	23.50
	1		49	/	22.28	/	23.50
	25		0	/	21.30	/	22.50
	25		13	/	21.27	/	22.50
	25		25	/	21.26	/	22.50
	50		0	/	21.37	/	22.50
	256QAM	1	0	/	19.32	/	20.50
		1	25	/	19.20	/	20.50
		1	49	/	19.38	/	20.50
		25	0	/	19.27	/	20.50
		25	13	/	19.29	/	20.50
		25	25	/	19.32	/	20.50
		50	0	/	19.34	/	20.50

LTE FDD Band 17 DSI 1&2&3&4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	
5MHz	QPSK	1	0	/	24.34	/	25.50
		1	13	/	24.18	/	25.50
		1	24	/	24.19	/	25.50
		12	0	/	23.35	/	24.50
		12	6	/	23.21	/	24.50
		12	13	/	23.35	/	24.50
		25	0	/	23.14	/	24.50
	16QAM	1	0	/	23.04	/	24.50
		1	13	/	23.15	/	24.50
		1	24	/	23.06	/	24.50
		12	0	/	21.99	/	23.50
		12	6	/	21.92	/	23.50
		12	13	/	22.31	/	23.50
		25	0	/	22.05	/	23.50
	64QAM	1	0	/	22.17	/	23.50
		1	13	/	22.04	/	23.50
		1	24	/	22.02	/	23.50
		12	0	/	21.15	/	22.50
		12	6	/	21.09	/	22.50
		12	13	/	21.07	/	22.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	23790	/		
10MHz	256QAM	25	0	/	21.07	/	22.50	
		1	0	/	19.06	/	20.50	
		1	13	/	19.11	/	20.50	
		1	24	/	19.20	/	20.50	
		12	0	/	19.04	/	20.50	
		12	6	/	19.15	/	20.50	
		12	13	/	19.26	/	20.50	
		25	0	/	18.98	/	20.50	
	10MHz	QPSK	1	0	/	24.38	/	25.50
			1	25	/	24.13	/	25.50
			1	49	/	24.11	/	25.50
			25	0	/	23.34	/	24.50
			25	13	/	23.17	/	24.50
			25	25	/	23.26	/	24.50
			50	0	/	23.20	/	24.50
		16QAM	1	0	/	23.06	/	24.50
			1	25	/	23.19	/	24.50
			1	49	/	23.12	/	24.50
			25	0	/	22.08	/	23.50
			25	13	/	22.02	/	23.50
			25	25	/	22.23	/	23.50
			50	0	/	22.01	/	23.50
		64QAM	1	0	/	22.17	/	23.50
			1	25	/	22.01	/	23.50
			1	49	/	22.12	/	23.50
			25	0	/	21.06	/	22.50
			25	13	/	21.10	/	22.50
			25	25	/	21.07	/	22.50
50			0	/	21.15	/	22.50	
256QAM		1	0	/	19.12	/	20.50	
		1	25	/	19.04	/	20.50	
		1	49	/	19.19	/	20.50	
		25	0	/	19.09	/	20.50	
		25	13	/	19.06	/	20.50	
		25	25	/	19.19	/	20.50	
		50	0	/	19.08	/	20.50	



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LTE Band 26 DSI 1&2&3&4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	24.23	24.29	24.28	25.50
		1	2	24.11	24.12	24.05	25.50
		1	5	23.93	23.96	23.93	25.50
		3	0	24.65	24.60	24.70	25.50
		3	2	24.48	24.54	24.51	25.50
		3	3	24.62	24.57	24.58	25.50
	16QAM	6	0	23.67	23.69	23.67	24.50
		1	0	23.36	23.46	23.41	24.50
		1	2	23.49	23.50	23.43	24.50
		1	5	23.51	23.41	23.32	24.50
		3	0	23.25	23.26	23.24	24.50
		3	2	23.24	23.16	23.08	24.50
	64QAM	3	3	23.34	23.40	23.46	24.50
		6	0	22.39	22.31	22.30	23.50
		1	0	22.52	22.45	22.43	23.50
		1	2	22.19	22.14	22.04	23.50
		1	5	22.45	22.47	22.43	23.50
		3	0	22.24	22.17	22.17	23.50
	256QAM	3	2	22.33	22.35	22.26	23.50
		3	3	22.39	22.45	22.52	23.50
		6	0	21.05	21.09	21.15	22.50
		1	0	19.28	19.32	19.27	20.50
		1	2	18.88	18.93	18.83	20.50
		1	5	19.39	19.29	19.28	20.50
3MHz	QPSK	3	0	19.24	19.21	19.28	20.50
		3	2	19.16	19.17	19.16	20.50
		3	3	19.10	19.16	19.12	20.50
		6	0	19.39	19.41	19.31	20.50
		1	0	24.20	24.25	24.34	25.50
		1	7	24.12	24.19	24.28	25.50
	16QAM	1	14	24.01	24.04	23.95	25.50
		8	0	23.59	23.56	23.56	24.50
		8	4	23.61	23.64	23.68	24.50
		8	7	23.53	23.52	23.46	24.50
		15	0	23.63	23.70	23.74	24.50
		1	0	23.43	23.38	23.30	24.50
64QAM	1	7	23.49	23.50	23.57	24.50	
	1	14	23.47	23.38	23.39	24.50	
	8	0	22.41	22.33	22.38	23.50	
	8	4	22.07	22.09	22.16	23.50	
	8	7	22.36	22.33	22.28	23.50	
	15	0	22.30	22.30	22.33	23.50	
256QAM	1	0	22.40	22.37	22.39	23.50	
	1	7	22.23	22.19	22.27	23.50	
	1	14	22.62	22.54	22.56	23.50	
	8	0	21.26	21.19	21.25	22.50	
	8	4	21.21	21.31	21.30	22.50	
	8	7	21.47	21.41	21.41	22.50	
256QAM	15	0	21.11	21.13	21.09	22.50	
1	0	19.34	19.27	19.33	20.50		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26715	26865	27015		
		1	7	18.90	18.97	19.00	20.50	
		1	14	19.18	19.26	19.25	20.50	
		8	0	19.40	19.31	19.36	20.50	
		8	4	19.19	19.18	19.23	20.50	
		8	7	19.35	19.25	19.25	20.50	
		15	0	19.35	19.32	19.25	20.50	
5MHz	QPSK	1	0	24.30	24.24	24.23	25.50	
		1	13	24.12	24.11	24.18	25.50	
		1	24	24.08	24.09	24.07	25.50	
		12	0	23.49	23.50	23.48	24.50	
		12	6	23.52	23.60	23.51	24.50	
		12	13	23.55	23.58	23.61	24.50	
	16QAM	25	0	23.78	23.71	23.61	24.50	
		1	0	23.38	23.33	23.43	24.50	
		1	13	23.53	23.60	23.58	24.50	
		1	24	23.34	23.32	23.37	24.50	
		12	0	22.33	22.40	22.42	23.50	
		12	6	22.16	22.15	22.20	23.50	
	64QAM	12	13	22.20	22.28	22.20	23.50	
		25	0	22.28	22.27	22.25	23.50	
		1	0	22.41	22.44	22.34	23.50	
		1	13	22.21	22.16	22.12	23.50	
		1	24	22.57	22.50	22.59	23.50	
		12	0	21.18	21.19	21.09	22.50	
	256QAM	12	6	21.27	21.24	21.32	22.50	
		12	13	21.57	21.48	21.41	22.50	
		25	0	21.30	21.22	21.13	22.50	
		1	0	19.37	19.29	19.30	20.50	
		1	13	19.02	19.07	19.01	20.50	
		1	24	19.29	19.34	19.42	20.50	
	10MHz	QPSK	12	0	19.32	19.27	19.17	20.50
			12	6	19.34	19.25	19.35	20.50
			12	13	19.37	19.28	19.30	20.50
			25	0	19.24	19.34	19.28	20.50
			1	0	24.29	24.29	24.39	25.50
			1	25	24.15	24.21	24.30	25.50
		16QAM	1	49	23.99	24.06	23.98	25.50
			25	0	23.52	23.56	23.57	24.50
			25	13	23.58	23.58	23.50	24.50
			25	25	23.57	23.55	23.59	24.50
			50	0	23.67	23.72	23.75	24.50
			1	0	23.33	23.39	23.44	24.50
	64QAM	1	25	23.57	23.62	23.59	24.50	
		1	49	23.41	23.33	23.39	24.50	
		25	0	22.30	22.30	22.33	23.50	
		25	13	22.20	22.19	22.21	23.50	
		25	25	22.38	22.33	22.41	23.50	
		50	0	22.24	22.24	22.23	23.50	
		1	0	22.43	22.46	22.47	23.50	
		1	25	22.35	22.26	22.20	23.50	
		1	49	22.33	22.43	22.44	23.50	
		25	0	21.27	21.23	21.21	22.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	26865	/		
15MHz	256QAM	25	13	21.33	21.25	21.17	22.50	
		25	25	21.39	21.38	21.40	22.50	
		50	0	21.19	21.19	21.15	22.50	
		1	0	19.30	19.34	19.36	20.50	
		1	25	19.17	19.15	19.18	20.50	
		1	49	19.39	19.35	19.39	20.50	
		25	0	19.30	19.26	19.29	20.50	
		25	13	19.29	19.32	19.42	20.50	
		25	25	19.26	19.20	19.20	20.50	
	50	0	19.39	19.29	19.27	20.50		
	15MHz	QPSK	1	0	/	24.85	/	25.50
			1	38	/	24.18	/	25.50
			1	74	/	24.16	/	25.50
			36	0	/	23.91	/	24.50
			36	18	/	23.48	/	24.50
			36	39	/	23.47	/	24.50
			75	0	/	23.82	/	24.50
		16QAM	1	0	/	23.40	/	24.50
			1	38	/	23.53	/	24.50
			1	74	/	23.41	/	24.50
			36	0	/	22.28	/	23.50
			36	18	/	22.27	/	23.50
			36	39	/	22.38	/	23.50
			75	0	/	22.30	/	23.50
		64QAM	1	0	/	22.37	/	23.50
1			38	/	22.33	/	23.50	
1			74	/	22.45	/	23.50	
36			0	/	21.29	/	22.50	
36			18	/	21.32	/	22.50	
36			39	/	21.35	/	22.50	
75			0	/	21.18	/	22.50	
256QAM		1	0	/	19.31	/	20.50	
		1	38	/	19.24	/	20.50	
		1	74	/	19.35	/	20.50	
		36	0	/	19.28	/	20.50	
	36	18	/	19.24	/	20.50		
	36	39	/	19.23	/	20.50		
	75	0	/	19.32	/	20.50		



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### 1.3 Conducted Power of Legacy (Ant2)

WCDMA Band II DSI 1&5					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.56	19.74	19.69	20.50
	12.2kbps AMR	19.55	19.64	19.59	20.50
HSDPA	Subtest 1	17.86	18.03	17.95	19.50
	Subtest 2	17.90	18.05	18.06	19.50
	Subtest 3	17.95	18.17	18.08	19.50
	Subtest 4	17.90	18.11	18.05	19.50
HSUPA	Subtest 1	16.01	16.06	16.12	17.50
	Subtest 2	16.00	16.17	16.14	17.50
	Subtest 3	16.86	17.14	17.06	18.50
	Subtest 4	15.97	16.06	16.05	17.50
	Subtest 5	16.98	17.05	17.06	18.50
DC-HSDPA	Subtest 1	17.78	18.12	18.02	19.50
	Subtest 2	17.95	18.04	18.13	19.50
	Subtest 3	17.95	18.10	18.12	19.50
	Subtest 4	17.89	18.21	18.07	19.50
HSPA+	16QAM	16.84	17.06	16.95	18.50

WCDMA Band II DSI 2&4					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	24.02	24.21	24.19	25.00
	12.2kbps AMR	24.08	24.19	24.11	25.00
HSDPA	Subtest 1	22.48	22.66	22.56	24.00
	Subtest 2	22.46	22.62	22.59	24.00
	Subtest 3	22.54	22.77	22.67	24.00
	Subtest 4	22.52	22.71	22.61	24.00
HSUPA	Subtest 1	20.54	20.70	20.68	22.00
	Subtest 2	20.60	20.74	20.66	22.00
	Subtest 3	21.43	21.77	21.66	23.00
	Subtest 4	20.53	20.68	20.68	22.00
	Subtest 5	21.56	21.63	21.70	23.00
DC-HSDPA	Subtest 1	22.46	22.75	22.57	24.00
	Subtest 2	22.40	22.55	22.63	24.00
	Subtest 3	22.55	22.69	22.75	24.00
	Subtest 4	22.51	22.76	22.52	24.00
HSPA+	16QAM	21.52	21.66	21.56	23.00



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WCDMA Band II DSI 3					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.16	20.23	20.18	21.00
	12.2kbps AMR	20.06	20.14	20.15	21.00
HSDPA	Subtest 1	18.47	18.73	18.60	20.00
	Subtest 2	18.48	18.73	18.64	20.00
	Subtest 3	18.68	18.71	18.62	20.00
	Subtest 4	18.59	18.77	18.67	20.00
HSUPA	Subtest 1	16.61	16.80	16.64	18.00
	Subtest 2	16.59	16.86	16.74	18.00
	Subtest 3	17.45	17.84	17.73	19.00
	Subtest 4	16.67	16.73	16.66	18.00
	Subtest 5	17.67	17.65	17.75	19.00
DC-HSDPA	Subtest 1	18.46	18.73	18.57	20.00
	Subtest 2	18.50	18.72	18.60	20.00
	Subtest 3	18.65	18.62	18.61	20.00
	Subtest 4	18.66	18.76	18.74	20.00
HSPA+	16QAM	17.50	17.71	17.70	19.00

WCDMA Band IV DSI 1&5					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.33	19.51	19.43	20.50
	12.2kbps AMR	19.31	19.43	19.45	20.50
HSDPA	Subtest 1	17.75	17.98	17.89	19.50
	Subtest 2	17.74	17.98	17.90	19.50
	Subtest 3	17.84	18.04	17.93	19.50
	Subtest 4	17.83	17.99	17.96	19.50
HSUPA	Subtest 1	15.86	15.99	15.99	17.50
	Subtest 2	15.86	16.05	15.96	17.50
	Subtest 3	16.77	17.09	16.96	18.50
	Subtest 4	15.89	15.96	15.95	17.50
	Subtest 5	16.85	16.93	16.95	18.50
DC-HSDPA	Subtest 1	17.68	18.07	17.80	19.50
	Subtest 2	17.72	17.93	17.82	19.50
	Subtest 3	17.81	18.11	17.85	19.50
	Subtest 4	17.79	17.96	17.97	19.50
HSPA+	16QAM	16.76	16.93	16.84	18.50



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WCDMA Band IV DSI 2&4					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.74	23.88	23.68	25.00
	12.2kbps AMR	23.74	23.81	23.58	25.00
HSDPA	Subtest 1	22.43	22.68	22.65	24.00
	Subtest 2	22.43	22.62	22.68	24.00
	Subtest 3	22.63	22.84	22.64	24.00
	Subtest 4	22.55	22.69	22.71	24.00
HSUPA	Subtest 1	20.60	20.69	20.74	22.00
	Subtest 2	20.57	20.84	20.74	22.00
	Subtest 3	21.43	21.73	21.76	23.00
	Subtest 4	20.53	20.68	20.73	22.00
	Subtest 5	21.59	21.75	21.63	23.00
DC-HSDPA	Subtest 1	22.39	22.74	22.69	24.00
	Subtest 2	22.35	22.63	22.76	24.00
	Subtest 3	22.64	22.89	22.60	24.00
	Subtest 4	22.54	22.61	22.61	24.00
HSPA+	16QAM	21.57	21.76	21.60	23.00

WCDMA Band IV DSI 3					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.09	21.17	21.05	22.00
	12.2kbps AMR	21.05	21.2	21.02	22.00
HSDPA	Subtest 1	19.56	19.72	19.54	21.00
	Subtest 2	19.53	19.76	19.62	21.00
	Subtest 3	19.57	19.84	19.64	21.00
	Subtest 4	19.56	19.77	19.63	21.00
HSUPA	Subtest 1	17.58	17.81	17.69	19.00
	Subtest 2	17.70	17.81	17.81	19.00
	Subtest 3	18.48	18.78	18.71	20.00
	Subtest 4	17.67	17.66	17.75	19.00
	Subtest 5	18.66	18.74	18.64	20.00
DC-HSDPA	Subtest 1	19.53	19.74	19.64	21.00
	Subtest 2	19.61	19.82	19.70	21.00
	Subtest 3	19.48	19.82	19.70	21.00
	Subtest 4	19.56	19.86	19.65	21.00
HSPA+	16QAM	18.47	18.62	18.68	20.00



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LTE Band 2 DSI 1&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.83	19.95	19.59	21.00
		1	2	19.48	19.74	19.69	21.00
		1	5	19.64	19.68	19.38	21.00
		3	0	19.66	19.87	19.51	21.00
		3	2	19.42	19.70	19.28	21.00
		3	3	19.41	19.51	19.30	21.00
		6	0	19.29	19.38	19.14	21.00
	16QAM	1	0	19.57	19.71	19.50	21.00
		1	2	19.58	19.62	19.64	21.00
		1	5	19.40	19.87	19.64	21.00
		3	0	19.73	19.69	19.74	21.00
		3	2	19.57	19.62	19.71	21.00
		3	3	19.44	19.54	19.76	21.00
		6	0	19.59	19.77	19.67	21.00
	64QAM	1	0	19.41	19.40	19.54	21.00
		1	2	19.47	19.59	19.52	21.00
		1	5	19.55	19.77	19.43	21.00
		3	0	19.43	19.88	19.40	21.00
		3	2	19.49	20.07	19.69	21.00
		3	3	19.39	19.47	19.25	21.00
		6	0	19.65	19.66	19.65	21.00
	256QAM	1	0	18.89	19.00	19.21	20.50
		1	2	18.86	18.89	18.85	20.50
		1	5	18.91	19.16	18.93	20.50
		3	0	18.88	18.99	18.84	20.50
		3	2	18.99	19.07	19.06	20.50
		3	3	18.87	19.02	18.74	20.50
		6	0	19.05	18.94	18.83	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	19.77	19.87	19.61	21.00
		1	7	19.45	19.76	19.66	21.00
		1	14	19.72	19.69	19.47	21.00
		8	0	19.63	19.82	19.48	21.00
		8	4	19.50	19.74	19.34	21.00
		8	7	19.51	19.41	19.38	21.00
		15	0	19.32	19.44	19.21	21.00
	16QAM	1	0	19.53	19.72	19.54	21.00
		1	7	19.48	19.55	19.63	21.00
		1	14	19.45	19.78	19.68	21.00
		8	0	19.70	19.73	19.67	21.00
		8	4	19.66	19.65	19.63	21.00
		8	7	19.51	19.59	19.66	21.00
		15	0	19.57	19.70	19.68	21.00
	64QAM	1	0	19.49	19.49	19.46	21.00
		1	7	19.54	19.49	19.57	21.00



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		1	14	19.62	19.76	19.50	21.00
		8	0	19.36	19.81	19.44	21.00
		8	4	19.58	20.01	19.59	21.00
		8	7	19.44	19.53	19.19	21.00
		15	0	19.57	19.71	19.72	21.00
	256QAM	1	0	18.88	18.92	19.16	20.50
		1	7	18.78	18.79	18.91	20.50
		1	14	18.84	19.21	18.93	20.50
		8	0	18.83	18.95	18.75	20.50
		8	4	19.04	18.97	19.09	20.50
		8	7	18.90	19.06	18.78	20.50
		15	0	19.09	18.96	18.84	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	19.73	19.96	19.59	21.00
		1	13	19.52	19.67	19.61	21.00
		1	24	19.75	19.71	19.57	21.00
		12	0	19.58	19.79	19.39	21.00
		12	6	19.53	19.72	19.40	21.00
		12	13	19.57	19.47	19.41	21.00
		25	0	19.39	19.53	19.30	21.00
	16QAM	1	0	19.60	19.65	19.56	21.00
		1	13	19.41	19.46	19.59	21.00
		1	24	19.41	19.72	19.58	21.00
		12	0	19.62	19.67	19.61	21.00
		12	6	19.74	19.70	19.67	21.00
		12	13	19.47	19.64	19.74	21.00
		25	0	19.51	19.65	19.59	21.00
	64QAM	1	0	19.46	19.53	19.52	21.00
		1	13	19.49	19.58	19.53	21.00
		1	24	19.62	19.70	19.41	21.00
		12	0	19.34	19.77	19.51	21.00
		12	6	19.67	20.01	19.68	21.00
		12	13	19.40	19.52	19.29	21.00
		25	0	19.63	19.69	19.75	21.00
	256QAM	1	0	18.79	18.93	19.10	20.50
		1	13	18.88	18.84	18.91	20.50
		1	24	18.82	19.11	18.88	20.50
		12	0	18.85	18.93	18.84	20.50
		12	6	19.08	19.05	19.01	20.50
		12	13	18.81	19.08	18.81	20.50
		25	0	19.04	19.03	18.91	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	19.70	19.95	19.62	21.00
		1	25	19.56	19.64	19.66	21.00
		1	49	19.69	19.63	19.53	21.00
		25	0	19.53	19.81	19.46	21.00
		25	13	19.59	19.79	19.46	21.00
		25	25	19.67	19.52	19.45	21.00



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	16QAM	50	0	19.48	19.44	19.36	21.00	
		1	0	19.63	19.71	19.51	21.00	
		1	25	19.43	19.52	19.62	21.00	
		1	49	19.50	19.82	19.58	21.00	
		25	0	19.55	19.74	19.51	21.00	
		25	13	19.80	19.80	19.58	21.00	
		25	25	19.46	19.57	19.66	21.00	
		50	0	19.51	19.65	19.49	21.00	
	64QAM	1	0	19.46	19.51	19.49	21.00	
		1	25	19.58	19.54	19.49	21.00	
		1	49	19.53	19.68	19.47	21.00	
		25	0	19.38	19.69	19.47	21.00	
		25	13	19.62	19.95	19.75	21.00	
		25	25	19.43	19.60	19.38	21.00	
		50	0	19.56	19.61	19.75	21.00	
	256QAM	1	0	18.89	19.01	19.05	20.50	
		1	25	18.98	18.91	18.91	20.50	
		1	49	18.87	19.18	18.87	20.50	
		25	0	18.85	18.99	18.77	20.50	
		25	13	19.09	19.10	19.06	20.50	
		25	25	18.89	19.17	18.91	20.50	
		50	0	19.10	19.13	19.01	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18675	18900	19125	
	15MHz	QPSK	1	0	19.71	19.94	19.69	21.00
			1	38	19.47	19.57	19.60	21.00
			1	74	19.66	19.61	19.57	21.00
			36	0	19.63	19.87	19.53	21.00
36			18	19.53	19.75	19.45	21.00	
36			39	19.58	19.47	19.43	21.00	
75			0	19.38	19.35	19.38	21.00	
16QAM		1	0	19.56	19.68	19.42	21.00	
		1	38	19.48	19.62	19.54	21.00	
		1	74	19.49	19.76	19.57	21.00	
		36	0	19.62	19.72	19.59	21.00	
		36	18	19.72	19.74	19.59	21.00	
		36	39	19.52	19.62	19.60	21.00	
		75	0	19.52	19.58	19.46	21.00	
64QAM		1	0	19.55	19.58	19.51	21.00	
		1	38	19.57	19.61	19.58	21.00	
		1	74	19.43	19.60	19.52	21.00	
		36	0	19.46	19.61	19.42	21.00	
		36	18	19.57	19.88	19.66	21.00	
		36	39	19.41	19.66	19.47	21.00	
		75	0	19.64	19.66	19.66	21.00	
256QAM		1	0	18.84	19.05	19.05	20.50	
		1	38	18.88	18.94	18.91	20.50	
		1	74	18.93	19.17	18.93	20.50	
		36	0	18.91	19.09	18.78	20.50	
		36	18	19.08	19.13	18.98	20.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz		36	39	18.82	19.16	18.94	20.50
		75	0	19.03	19.06	18.91	20.50
	QPSK	1	0	19.98	20.05	19.95	21.00
		1	50	19.50	19.62	19.61	21.00
		1	99	19.60	19.70	19.58	21.00
		50	0	19.73	19.97	19.85	21.00
		50	25	19.53	19.70	19.45	21.00
		50	50	19.49	19.55	19.43	21.00
		100	0	19.36	19.44	19.28	21.00
	16QAM	1	0	19.49	19.62	19.50	21.00
		1	50	19.54	19.59	19.64	21.00
		1	99	19.50	19.71	19.53	21.00
		50	0	19.55	19.70	19.56	21.00
		50	25	19.65	19.66	19.67	21.00
		50	50	19.53	19.71	19.51	21.00
		100	0	19.55	19.65	19.54	21.00
	64QAM	1	0	19.56	19.56	19.46	21.00
		1	50	19.52	19.70	19.58	21.00
		1	99	19.53	19.57	19.56	21.00
		50	0	19.52	19.61	19.42	21.00
		50	25	19.63	19.78	19.63	21.00
		50	50	19.51	19.59	19.56	21.00
		100	0	19.56	19.75	19.60	21.00
	256QAM	1	0	18.90	19.06	19.01	20.50
		1	50	18.87	18.97	18.88	20.50
		1	99	18.98	19.08	18.94	20.50
		50	0	18.83	19.00	18.87	20.50
		50	25	19.10	19.14	18.96	20.50
		50	50	18.92	19.11	19.03	20.50
		100	0	19.01	19.09	18.97	20.50

LTE Band 2 DSI 2&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.98	24.20	24.01	25.50
		1	2	23.97	23.83	24.05	25.50
		1	5	23.71	23.99	23.74	25.50
		3	0	24.05	24.12	24.00	25.50
		3	2	24.07	24.02	23.96	25.50
		3	3	23.94	23.96	23.86	25.50
		6	0	22.62	22.83	22.63	24.50
	16QAM	1	0	22.80	22.87	22.93	24.50
		1	2	22.68	23.32	22.67	24.50
		1	5	22.59	22.89	22.52	24.50
		3	0	22.86	22.74	22.76	24.50
		3	2	22.63	22.74	22.95	24.50
		3	3	22.59	22.94	22.69	24.50



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	64QAM	6	0	21.69	21.59	21.91	23.50
		1	0	21.75	21.90	21.56	23.50
		1	2	22.10	21.64	21.95	23.50
		1	5	21.87	22.03	21.68	23.50
		3	0	21.86	21.96	22.03	23.50
		3	2	21.75	22.14	21.74	23.50
		3	3	21.67	22.01	21.84	23.50
		6	0	21.08	20.89	20.70	22.50
	256QAM	1	0	18.65	19.17	18.64	20.50
		1	2	18.71	19.07	18.88	20.50
		1	5	18.71	18.73	18.75	20.50
		3	0	19.15	18.86	18.81	20.50
		3	2	18.66	18.77	18.74	20.50
		3	3	18.73	18.87	18.62	20.50
6	0	19.03	18.98	19.02	20.50		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				18615	18900	19185	
<b>3MHz</b>	QPSK	1	0	23.94	24.24	24.00	25.50
		1	7	24.01	23.92	24.03	25.50
		1	14	23.68	23.94	23.84	25.50
		8	0	22.99	23.12	22.95	24.50
		8	4	23.03	23.11	22.99	24.50
		8	7	23.02	23.02	22.91	24.50
		15	0	22.67	22.93	22.71	24.50
	16QAM	1	0	22.90	22.85	22.94	24.50
		1	7	22.65	23.23	22.60	24.50
		1	14	22.67	22.96	22.56	24.50
		8	0	21.79	21.83	21.74	23.50
		8	4	21.63	21.72	21.99	23.50
		8	7	21.65	22.03	21.60	23.50
		15	0	21.79	21.68	21.84	23.50
	64QAM	1	0	21.78	21.86	21.52	23.50
		1	7	22.00	21.74	22.03	23.50
		1	14	21.80	22.00	21.86	23.50
		8	0	20.90	21.01	20.94	22.50
		8	4	20.84	21.05	20.65	22.50
		8	7	20.58	21.02	20.86	22.50
		15	0	21.00	20.82	20.76	22.50
	256QAM	1	0	18.54	19.11	18.74	20.50
		1	7	18.67	19.05	18.90	20.50
		1	14	18.79	18.73	18.71	20.50
		8	0	19.13	18.92	18.89	20.50
		8	4	18.71	18.50	18.82	20.50
		8	7	18.80	18.93	18.69	20.50
		15	0	18.93	18.98	18.94	20.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				18625	18900	19175	
<b>5MHz</b>	QPSK	1	0	23.88	24.23	23.99	25.50
		1	13	23.92	23.92	24.01	25.50
		1	24	23.77	23.88	23.79	25.50



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		12	0	23.09	23.07	22.95	24.50	
		12	6	22.94	23.16	23.01	24.50	
		12	13	23.00	22.93	23.00	24.50	
		25	0	22.74	22.84	22.67	24.50	
	16QAM	1	0	22.80	22.83	22.93	24.50	
		1	13	22.70	23.14	22.62	24.50	
		1	24	22.72	22.87	22.59	24.50	
		12	0	21.82	21.87	21.66	23.50	
		12	6	21.63	21.75	22.03	23.50	
		12	13	21.66	22.00	21.58	23.50	
		25	0	21.73	21.73	21.85	23.50	
		64QAM	1	0	21.77	21.93	21.58	23.50
	1		13	21.93	21.82	21.99	23.50	
	1		24	21.71	21.90	21.53	23.50	
	12		0	20.81	21.00	20.88	22.50	
	12		6	20.92	20.98	20.64	22.50	
	12		13	20.64	20.98	20.90	22.50	
	25		0	20.93	20.88	20.71	22.50	
	256QAM		1	0	18.50	19.10	18.81	20.50
		1	13	18.74	19.01	18.94	20.50	
		1	24	18.85	18.80	18.81	20.50	
		12	0	19.06	18.95	18.84	20.50	
		12	6	18.80	18.57	18.84	20.50	
		12	13	18.81	18.89	18.75	20.50	
		25	0	18.87	18.91	18.91	20.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					18650	18900	19150	
<b>10MHz</b>	QPSK	1	0	23.88	24.14	23.95	25.50	
		1	25	23.92	23.88	23.92	25.50	
		1	49	23.83	23.88	23.87	25.50	
		25	0	23.09	23.05	22.93	24.50	
		25	13	23.03	23.10	23.04	24.50	
		25	25	22.96	22.91	22.93	24.50	
		50	0	22.79	22.87	22.76	24.50	
		16QAM	1	0	22.86	22.85	22.85	24.50
	1		25	22.67	23.04	22.69	24.50	
	1		49	22.66	22.86	22.65	24.50	
	25		0	21.78	21.91	21.75	23.50	
	25		13	21.63	21.81	21.93	23.50	
	25		25	21.73	22.04	21.66	23.50	
	50		0	21.83	21.68	21.85	23.50	
	64QAM		1	0	21.72	22.00	21.56	23.50
		1	25	21.89	21.91	21.93	23.50	
		1	49	21.78	21.84	21.58	23.50	
		25	0	20.75	20.96	20.78	22.50	
		25	13	20.84	20.92	20.58	22.50	
		25	25	20.63	20.90	20.88	22.50	
		50	0	20.88	20.88	20.63	22.50	
		256QAM	1	0	18.58	19.00	18.71	20.50
	1		25	18.72	18.92	18.92	20.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
		1	49	18.89	18.90	18.81	20.50	
		25	0	19.03	18.87	18.80	20.50	
		25	13	18.82	18.66	18.79	20.50	
		25	25	18.87	18.87	18.82	20.50	
		50	0	18.82	18.88	18.82	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	QPSK	1	0	23.98	24.17	24.04	25.50	
		1	38	23.83	23.89	23.86	25.50	
		1	74	23.84	23.89	23.93	25.50	
		36	0	23.05	23.02	22.96	24.50	
		36	18	22.97	23.07	23.00	24.50	
		36	39	22.95	22.87	22.87	24.50	
		75	0	22.78	22.87	22.76	24.50	
	16QAM	1	0	22.81	22.78	22.84	24.50	
		1	38	22.75	22.99	22.78	24.50	
		1	74	22.75	22.87	22.72	24.50	
		36	0	21.88	21.85	21.83	23.50	
		36	18	21.62	21.89	21.83	23.50	
		36	39	21.77	22.01	21.71	23.50	
		75	0	21.83	21.69	21.78	23.50	
	64QAM	1	0	21.71	22.01	21.66	23.50	
		1	38	21.80	21.85	21.87	23.50	
		1	74	21.87	21.82	21.66	23.50	
		36	0	20.74	20.86	20.87	22.50	
		36	18	20.85	20.83	20.68	22.50	
		36	39	20.53	20.90	20.91	22.50	
		75	0	20.81	20.87	20.69	22.50	
	256QAM	1	0	18.68	18.96	18.77	20.50	
		1	38	18.64	18.87	18.82	20.50	
		1	74	18.80	18.81	18.73	20.50	
		36	0	18.97	18.85	18.80	20.50	
		36	18	18.88	18.73	18.74	20.50	
		36	39	18.91	18.96	18.76	20.50	
		75	0	18.82	18.91	18.74	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18700	18900	19100	
20MHz	QPSK	1	0	24.31	24.35	24.28	25.50	
		1	50	23.73	23.91	23.83	25.50	
		1	99	23.86	23.88	23.83	25.50	
		50	0	23.29	23.34	23.27	24.50	
		50	25	23.02	22.99	22.94	24.50	
		50	50	22.99	22.95	22.88	24.50	
		100	0	22.86	23.15	22.80	24.50	
	16QAM	1	0	22.85	22.88	22.78	24.50	
		1	50	22.83	23.02	22.73	24.50	
		1	99	22.82	22.90	22.78	24.50	
		50	0	21.81	21.90	21.89	23.50	
		50	25	21.72	21.80	21.80	23.50	
		50	50	21.77	21.92	21.78	23.50	



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	64QAM	100	0	21.78	21.77	21.82	23.50
		1	0	21.79	21.94	21.72	23.50
		1	50	21.84	21.80	21.91	23.50
		1	99	21.80	21.85	21.73	23.50
		50	0	20.78	20.89	20.87	22.50
		50	25	20.91	20.88	20.76	22.50
		50	50	20.60	20.92	20.81	22.50
		100	0	20.77	20.90	20.79	22.50
	256QAM	1	0	18.76	18.95	18.73	20.50
		1	50	18.70	18.79	18.78	20.50
		1	99	18.76	18.88	18.75	20.50
		50	0	18.87	18.86	18.78	20.50
		50	25	18.78	18.83	18.78	20.50
		50	50	18.90	18.93	18.82	20.50
		100	0	18.74	18.88	18.80	20.50

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	20.45	19.97	20.24	21.50	
		1	2	19.88	19.80	19.75	21.50	
		1	5	20.18	20.11	19.99	21.50	
		3	0	19.76	20.00	20.09	21.50	
		3	2	20.19	20.15	19.86	21.50	
		3	3	19.96	19.91	19.66	21.50	
	16QAM	6	0	19.76	19.99	19.83	21.50	
		1	0	19.93	20.05	19.83	21.50	
		1	2	19.84	20.03	20.09	21.50	
		1	5	20.09	20.04	20.08	21.50	
		3	0	19.94	20.31	19.88	21.50	
		3	2	20.07	20.00	19.93	21.50	
	64QAM	3	3	19.87	20.15	19.86	21.50	
		6	0	19.94	20.18	19.99	21.50	
		1	0	19.95	19.81	19.81	21.50	
		1	2	20.15	20.14	20.13	21.50	
		1	5	19.92	19.88	19.86	21.50	
		3	0	19.98	19.83	19.89	21.50	
	256QAM	3	2	19.72	20.06	20.17	21.50	
		3	3	20.09	19.90	19.94	21.50	
		6	0	20.09	20.00	20.07	21.50	
		1	0	18.77	18.99	18.90	20.50	
		1	2	18.96	19.10	18.92	20.50	
		1	5	18.97	19.25	18.80	20.50	
			3	0	18.85	19.04	18.78	20.50
			3	2	18.83	18.95	18.72	20.50
			3	3	18.99	19.14	19.25	20.50
			6	0	18.82	19.17	18.70	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18615	18900	19185	



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3MHz	QPSK	1	0	20.40	20.07	20.19	21.50
		1	7	19.96	19.81	19.79	21.50
		1	14	20.08	20.01	20.01	21.50
		8	0	19.81	20.07	20.13	21.50
		8	4	20.13	20.22	19.79	21.50
		8	7	19.88	19.93	19.74	21.50
		15	0	19.75	19.99	19.78	21.50
	16QAM	1	0	19.92	19.96	19.73	21.50
		1	7	19.80	20.08	20.17	21.50
		1	14	20.04	19.98	20.09	21.50
		8	0	19.87	20.36	19.96	21.50
		8	4	20.08	20.07	19.98	21.50
		8	7	19.89	20.10	19.96	21.50
		15	0	19.99	20.15	20.07	21.50
	64QAM	1	0	19.95	19.88	19.86	21.50
		1	7	20.05	20.15	20.05	21.50
		1	14	20.02	19.94	19.79	21.50
		8	0	19.89	19.93	19.85	21.50
		8	4	19.65	20.04	20.18	21.50
		8	7	20.01	19.99	20.03	21.50
		15	0	20.00	20.06	20.08	21.50
	256QAM	1	0	18.71	18.96	18.91	20.50
		1	7	19.00	19.03	18.96	20.50
		1	14	18.91	19.15	18.79	20.50
8		0	18.77	19.03	18.84	20.50	
8		4	18.82	18.93	18.72	20.50	
8		7	19.05	19.15	19.18	20.50	
15		0	18.89	19.18	18.78	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	20.41	20.15	20.09	21.50
		1	13	20.06	19.87	19.89	21.50
		1	24	20.04	20.02	20.05	21.50
		12	0	19.84	20.16	20.05	21.50
		12	6	20.08	20.13	19.84	21.50
		12	13	19.91	19.97	19.72	21.50
		25	0	19.75	19.94	19.75	21.50
	16QAM	1	0	19.95	20.06	19.77	21.50
		1	13	19.87	20.11	20.13	21.50
		1	24	20.01	19.99	20.14	21.50
		12	0	19.97	20.27	19.91	21.50
		12	6	20.08	20.10	19.93	21.50
		12	13	19.81	20.10	19.96	21.50
		25	0	20.02	20.17	19.98	21.50
	64QAM	1	0	20.05	19.92	19.91	21.50
		1	13	20.02	20.06	20.08	21.50
		1	24	19.92	20.02	19.75	21.50
		12	0	19.87	19.98	19.91	21.50
		12	6	19.70	20.11	20.08	21.50
		12	13	19.91	20.08	20.06	21.50





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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	64QAM	36	0	19.91	20.14	19.87	21.50
		36	18	20.05	20.12	19.98	21.50
		36	39	19.98	20.00	19.87	21.50
		75	0	20.08	20.05	19.94	21.50
		1	0	19.91	19.93	19.82	21.50
		1	38	20.02	20.18	20.01	21.50
		1	74	19.96	20.05	19.82	21.50
		36	0	19.89	20.00	19.79	21.50
	256QAM	36	18	19.89	20.03	20.03	21.50
		36	39	19.95	20.04	20.05	21.50
		75	0	20.08	20.11	20.01	21.50
		1	0	18.87	18.96	18.93	20.50
		1	38	18.96	19.01	18.94	20.50
		1	74	18.98	19.09	18.85	20.50
		36	0	18.88	19.04	18.82	20.50
		36	18	18.96	19.01	18.92	20.50
	QPSK	36	39	19.04	19.12	19.08	20.50
		75	0	18.87	19.10	18.86	20.50
		1	0	20.16	20.25	20.10	21.50
		1	50	19.94	19.98	19.98	21.50
		1	99	20.02	20.09	20.00	21.50
		50	0	19.97	20.12	20.03	21.50
		50	25	19.97	20.03	19.87	21.50
		50	50	19.82	19.93	19.83	21.50
	16QAM	100	0	19.72	19.81	19.68	21.50
		1	0	19.91	20.01	19.85	21.50
		1	50	19.97	19.98	20.03	21.50
		1	99	19.93	20.09	19.96	21.50
50		0	19.90	20.05	19.93	21.50	
50		25	19.98	20.09	20.00	21.50	
50		50	19.93	20.06	19.88	21.50	
100		0	19.98	20.05	19.94	21.50	
64QAM	1	0	19.90	20.00	19.86	21.50	
	1	50	19.94	20.08	19.97	21.50	
	1	99	19.93	19.99	19.90	21.50	
	50	0	19.92	20.01	19.82	21.50	
	50	25	19.98	20.12	20.02	21.50	
	50	50	19.91	19.97	19.97	21.50	
	100	0	19.98	20.09	19.98	21.50	
	256QAM	1	0	18.89	19.03	18.98	20.50
1		50	18.90	19.01	18.90	20.50	
1		99	19.00	19.06	18.93	20.50	
50		0	18.84	18.97	18.88	20.50	
50		25	19.04	19.10	18.96	20.50	
50		50	18.95	19.06	19.04	20.50	
100		0	18.95	19.07	18.96	20.50	



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LTE Band 4 DSI 1&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.86	19.82	19.79	21.00
		1	2	19.45	19.44	19.45	21.00
		1	5	19.37	19.41	19.32	21.00
		3	0	19.64	19.58	19.57	21.00
		3	2	19.69	19.66	19.56	21.00
		3	3	19.26	19.30	19.32	21.00
		6	0	19.50	19.48	19.38	21.00
	16QAM	1	0	19.71	19.62	19.64	21.00
		1	2	19.46	19.48	19.54	21.00
		1	5	19.49	19.56	19.64	21.00
		3	0	19.44	19.49	19.57	21.00
		3	2	19.46	19.49	19.48	21.00
		3	3	19.40	19.43	19.34	21.00
		6	0	19.59	19.55	19.62	21.00
	64QAM	1	0	19.11	19.18	19.25	21.00
		1	2	19.24	19.28	19.26	21.00
		1	5	19.36	19.45	19.44	21.00
		3	0	19.50	19.43	19.46	21.00
		3	2	19.70	19.74	19.71	21.00
		3	3	19.52	19.42	19.32	21.00
		6	0	19.25	19.21	19.11	21.00
	256QAM	1	0	18.80	18.80	18.89	20.50
		1	2	19.01	18.95	18.92	20.50
		1	5	18.90	18.96	18.97	20.50
		3	0	18.83	18.75	18.75	20.50
		3	2	19.08	19.04	19.10	20.50
		3	3	18.90	18.92	18.85	20.50
		6	0	18.78	18.88	18.82	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	19.82	19.78	19.80	21.00
		1	7	19.57	19.47	19.57	21.00
		1	14	19.53	19.47	19.49	21.00
		8	0	19.61	19.67	19.68	21.00
		8	4	19.60	19.57	19.60	21.00
		8	7	19.32	19.23	19.14	21.00
		15	0	19.35	19.44	19.45	21.00
	16QAM	1	0	19.60	19.60	19.54	21.00
		1	7	19.60	19.53	19.57	21.00
		1	14	19.61	19.58	19.57	21.00
		8	0	19.48	19.47	19.44	21.00
		8	4	19.39	19.44	19.38	21.00
		8	7	19.40	19.47	19.53	21.00
		15	0	19.45	19.53	19.55	21.00
	64QAM	1	0	19.32	19.28	19.19	21.00
		1	7	19.28	19.33	19.34	21.00



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		1	14	19.45	19.51	19.55	21.00
		8	0	19.34	19.42	19.49	21.00
		8	4	19.69	19.77	19.78	21.00
		8	7	19.33	19.38	19.30	21.00
		15	0	19.23	19.29	19.26	21.00
	256QAM	1	0	18.86	18.86	18.81	20.50
		1	7	18.88	18.92	18.83	20.50
		1	14	18.86	18.86	18.91	20.50
		8	0	18.71	18.81	18.73	20.50
		8	4	19.12	19.03	18.99	20.50
		8	7	18.79	18.89	18.97	20.50
		15	0	18.79	18.81	18.89	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.80	19.79	19.73	21.00
		1	13	19.38	19.45	19.36	21.00
		1	24	19.42	19.42	19.50	21.00
		12	0	19.70	19.77	19.86	21.00
		12	6	19.55	19.61	19.63	21.00
		12	13	19.20	19.23	19.26	21.00
		25	0	19.47	19.46	19.37	21.00
	16QAM	1	0	19.56	19.55	19.54	21.00
		1	13	19.56	19.52	19.62	21.00
		1	24	19.60	19.59	19.59	21.00
		12	0	19.44	19.44	19.35	21.00
		12	6	19.46	19.49	19.53	21.00
		12	13	19.43	19.46	19.53	21.00
		25	0	19.62	19.55	19.45	21.00
	64QAM	1	0	19.15	19.19	19.21	21.00
		1	13	19.36	19.27	19.37	21.00
		1	24	19.43	19.47	19.53	21.00
		12	0	19.36	19.44	19.47	21.00
		12	6	19.79	19.84	19.77	21.00
		12	13	19.32	19.29	19.24	21.00
		25	0	19.43	19.36	19.43	21.00
	256QAM	1	0	18.94	18.92	18.87	20.50
		1	13	19.01	18.98	18.95	20.50
		1	24	18.70	18.78	18.71	20.50
		12	0	18.85	18.84	18.79	20.50
		12	6	18.94	18.95	19.05	20.50
		12	13	18.98	18.92	18.85	20.50
		25	0	18.74	18.80	18.78	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.84	19.76	19.81	21.00
		1	25	19.42	19.40	19.43	21.00
		1	49	19.46	19.48	19.57	21.00
		25	0	19.64	19.69	19.77	21.00
		25	13	19.48	19.51	19.44	21.00
		25	25	19.21	19.27	19.26	21.00



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	16QAM	50	0	19.38	19.41	19.34	21.00	
		1	0	19.54	19.63	19.54	21.00	
		1	25	19.60	19.54	19.51	21.00	
		1	49	19.56	19.50	19.47	21.00	
		25	0	19.49	19.45	19.35	21.00	
		25	13	19.40	19.42	19.48	21.00	
		25	25	19.57	19.49	19.55	21.00	
		50	0	19.50	19.45	19.46	21.00	
	64QAM	1	0	19.27	19.27	19.34	21.00	
		1	25	19.43	19.33	19.42	21.00	
		1	49	19.51	19.49	19.58	21.00	
		25	0	19.49	19.46	19.54	21.00	
		25	13	19.84	19.74	19.81	21.00	
		25	25	19.43	19.38	19.41	21.00	
		50	0	19.49	19.46	19.56	21.00	
	256QAM	1	0	18.93	18.93	18.87	20.50	
		1	25	18.92	18.95	19.01	20.50	
		1	49	18.71	18.77	18.71	20.50	
		25	0	18.86	18.79	18.73	20.50	
		25	13	18.93	18.91	18.97	20.50	
		25	25	18.89	18.90	18.86	20.50	
		50	0	18.75	18.70	18.62	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20025	20175	20325	
	15MHz	QPSK	1	0	19.60	19.69	19.77	21.00
			1	38	19.35	19.35	19.29	21.00
			1	74	19.56	19.57	19.47	21.00
			36	0	19.55	19.60	19.58	21.00
36			18	19.39	19.44	19.44	21.00	
36			39	19.36	19.28	19.25	21.00	
75			0	19.27	19.31	19.29	21.00	
16QAM		1	0	19.48	19.54	19.55	21.00	
		1	38	19.42	19.46	19.42	21.00	
		1	74	19.49	19.44	19.48	21.00	
		36	0	19.55	19.55	19.49	21.00	
		36	18	19.47	19.38	19.45	21.00	
		36	39	19.47	19.48	19.54	21.00	
		75	0	19.45	19.50	19.57	21.00	
64QAM		1	0	19.27	19.30	19.30	21.00	
		1	38	19.51	19.42	19.45	21.00	
		1	74	19.37	19.40	19.41	21.00	
		36	0	19.29	19.38	19.30	21.00	
		36	18	19.78	19.68	19.64	21.00	
		36	39	19.39	19.31	19.41	21.00	
		75	0	19.46	19.43	19.43	21.00	
256QAM		1	0	18.86	18.87	18.89	20.50	
		1	38	18.92	18.86	18.88	20.50	
		1	74	18.77	18.78	18.81	20.50	
		36	0	18.79	18.84	18.82	20.50	
		36	18	18.87	18.96	18.98	20.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz		36	39	19.09	18.99	19.01	20.50
		75	0	18.68	18.76	18.85	20.50
	QPSK	1	0	/	19.89	/	21.00
		1	50	/	19.43	/	21.00
		1	99	/	19.48	/	21.00
		50	0	/	19.75	/	21.00
		50	25	/	19.47	/	21.00
		50	50	/	19.37	/	21.00
		100	0	/	19.33	/	21.00
	16QAM	1	0	/	19.44	/	21.00
		1	50	/	19.41	/	21.00
		1	99	/	19.47	/	21.00
		50	0	/	19.49	/	21.00
		50	25	/	19.46	/	21.00
		50	50	/	19.49	/	21.00
		100	0	/	19.45	/	21.00
	64QAM	1	0	/	19.39	/	21.00
		1	50	/	19.46	/	21.00
		1	99	/	19.38	/	21.00
		50	0	/	19.38	/	21.00
		50	25	/	19.62	/	21.00
		50	50	/	19.38	/	21.00
		100	0	/	19.52	/	21.00
	256QAM	1	0	/	18.87	/	20.50
		1	50	/	18.77	/	20.50
		1	99	/	18.83	/	20.50
		50	0	/	18.85	/	20.50
		50	25	/	18.97	/	20.50
		50	50	/	18.95	/	20.50
		100	0	/	18.86	/	20.50

LTE Band 4 DSI 2&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.94	23.89	23.91	25.50
		1	2	23.70	23.67	23.64	25.50
		1	5	23.53	23.60	23.69	25.50
		3	0	23.73	23.73	23.75	25.50
		3	2	24.07	23.97	23.98	25.50
		3	3	23.81	23.83	23.85	25.50
		6	0	23.01	23.09	23.13	24.50
	16QAM	1	0	23.01	22.91	22.92	24.50
		1	2	22.74	22.78	22.78	24.50
		1	5	22.57	22.62	22.56	24.50
		3	0	22.71	22.73	22.69	24.50
		3	2	22.65	22.64	22.63	24.50
		3	3	23.02	22.93	22.95	24.50



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	64QAM	6	0	21.58	21.53	21.62	23.50
		1	0	21.89	21.93	21.87	23.50
		1	2	21.81	21.78	21.84	23.50
		1	5	21.90	21.80	21.87	23.50
		3	0	21.94	22.04	22.07	23.50
		3	2	21.99	21.99	22.05	23.50
		3	3	21.95	21.86	21.94	23.50
		6	0	20.98	20.93	20.92	22.50
	256QAM	1	0	19.28	19.20	19.19	20.50
		1	2	18.55	18.63	18.65	20.50
		1	5	18.70	18.66	18.62	20.50
		3	0	18.87	18.95	19.02	20.50
		3	2	18.99	18.93	19.00	20.50
		3	3	19.11	19.08	18.99	20.50
6	0	18.80	18.82	18.78	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	24.03	23.99	23.93	25.50
		1	7	23.69	23.75	23.81	25.50
		1	14	23.72	23.70	23.80	25.50
		8	0	22.74	22.68	22.61	24.50
		8	4	22.95	22.95	23.00	24.50
		8	7	22.98	22.93	22.83	24.50
		15	0	23.10	23.03	22.94	24.50
	16QAM	1	0	22.86	22.93	22.95	24.50
		1	7	22.78	22.88	22.96	24.50
		1	14	22.64	22.67	22.73	24.50
		8	0	21.80	21.82	21.82	23.50
		8	4	21.65	21.67	21.55	23.50
		8	7	21.95	21.99	21.93	23.50
		15	0	21.60	21.61	21.54	23.50
	64QAM	1	0	21.84	21.93	21.97	23.50
		1	7	21.70	21.75	21.73	23.50
		1	14	21.89	21.80	21.90	23.50
		8	0	20.97	20.94	20.89	22.50
		8	4	20.90	20.93	20.97	22.50
		8	7	20.77	20.85	20.95	22.50
		15	0	20.82	20.88	20.90	22.50
	256QAM	1	0	19.13	19.13	19.07	20.50
		1	7	18.69	18.53	18.61	20.50
		1	14	18.84	18.75	18.80	20.50
		8	0	19.01	19.02	19.11	20.50
		8	4	19.04	18.98	19.05	20.50
		8	7	18.91	18.98	18.92	20.50
		15	0	18.84	18.81	18.76	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	24.13	24.03	24.11	25.50
		1	13	23.86	23.82	23.73	25.50
		1	24	23.82	23.79	23.77	25.50



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		12	0	22.75	22.77	22.86	24.50	
		12	6	22.84	22.94	22.94	24.50	
		12	13	22.93	22.98	23.00	24.50	
		25	0	23.02	22.95	23.03	24.50	
	16QAM	1	0	22.93	22.90	22.97	24.50	
		1	13	22.82	22.84	22.87	24.50	
		1	24	22.70	22.63	22.66	24.50	
		12	0	21.75	21.80	21.78	23.50	
		12	6	21.55	21.65	21.56	23.50	
		12	13	22.08	22.00	22.09	23.50	
		25	0	21.56	21.61	21.71	23.50	
	64QAM	1	0	21.91	21.89	21.79	23.50	
		1	13	21.74	21.84	21.89	23.50	
		1	24	21.67	21.77	21.81	23.50	
		12	0	21.06	20.99	21.03	22.50	
		12	6	20.86	20.89	20.84	22.50	
		12	13	20.88	20.85	20.77	22.50	
		25	0	20.83	20.93	20.87	22.50	
	256QAM	1	0	19.05	19.09	19.19	20.50	
		1	13	18.66	18.63	18.56	20.50	
		1	24	18.81	18.74	18.81	20.50	
		12	0	18.95	18.95	18.92	20.50	
		12	6	18.79	18.89	18.95	20.50	
		12	13	18.89	18.93	18.96	20.50	
		25	0	18.71	18.76	18.73	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
	10MHz	QPSK	1	0	23.95	24.00	24.09	25.50
			1	25	23.89	23.83	23.93	25.50
1			49	23.91	23.84	23.82	25.50	
25			0	22.79	22.85	22.83	24.50	
25			13	23.04	22.96	22.97	24.50	
25			25	22.98	22.94	22.98	24.50	
50			0	22.98	23.02	23.11	24.50	
16QAM		1	0	22.85	22.87	22.94	24.50	
		1	25	22.78	22.82	22.90	24.50	
		1	49	22.66	22.71	22.61	24.50	
		25	0	21.81	21.90	21.81	23.50	
		25	13	21.59	21.54	21.56	23.50	
		25	25	22.11	22.07	22.10	23.50	
		50	0	21.73	21.69	21.75	23.50	
64QAM		1	0	21.73	21.83	21.78	23.50	
		1	25	21.86	21.81	21.81	23.50	
		1	49	21.72	21.77	21.69	23.50	
		25	0	20.98	20.99	21.05	22.50	
		25	13	20.82	20.91	20.92	22.50	
		25	25	20.86	20.87	20.77	22.50	
		50	0	20.96	20.94	20.98	22.50	
256QAM		1	0	18.95	18.99	19.07	20.50	
		1	25	18.79	18.71	18.73	20.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
		1	49	18.65	18.74	18.75	20.50	
		25	0	18.93	18.88	18.93	20.50	
		25	13	18.92	18.87	18.91	20.50	
		25	25	19.00	18.91	18.96	20.50	
		50	0	18.82	18.76	18.86	20.50	
15MHz	QPSK	1	0	23.89	23.97	23.87	25.50	
1		38	23.83	23.86	23.90	25.50		
	16QAM	1	74	23.76	23.79	23.89	25.50	
		36	0	23.00	22.94	22.92	24.50	
		36	18	22.91	22.86	22.95	24.50	
		36	39	23.02	22.96	22.87	24.50	
		75	0	23.10	23.04	23.11	24.50	
		1	0	22.86	22.90	22.86	24.50	
	64QAM	1	38	22.86	22.85	22.84	24.50	
		1	74	22.82	22.79	22.78	24.50	
		36	0	21.86	21.83	21.81	23.50	
		36	18	21.52	21.59	21.51	23.50	
		36	39	22.04	22.03	22.04	23.50	
		75	0	21.61	21.66	21.60	23.50	
	256QAM	1	0	21.74	21.79	21.81	23.50	
		1	38	21.72	21.81	21.77	23.50	
		1	74	21.86	21.77	21.77	23.50	
		36	0	21.05	20.95	21.03	22.50	
		36	18	20.85	20.86	20.84	22.50	
		36	39	20.71	20.81	20.72	22.50	
		256QAM	75	0	20.83	20.88	20.81	22.50
			1	0	18.86	18.91	18.98	20.50
			1	38	18.72	18.74	18.71	20.50
1			74	18.65	18.72	18.74	20.50	
36			0	18.93	18.85	18.93	20.50	
36			18	18.76	18.81	18.90	20.50	
36			39	18.94	18.87	18.77	20.50	
75	0	18.72	18.77	18.81	20.50			
20MHz	QPSK	1	0	/	24.21	/	25.50	
1		50	/	23.80	/	25.50		
	16QAM	1	99	/	23.80	/	25.50	
		50	0	/	23.15	/	24.50	
		50	25	/	22.90	/	24.50	
		50	50	/	22.92	/	24.50	
		100	0	/	22.99	/	24.50	
		1	0	/	22.83	/	24.50	
	16QAM	1	50	/	22.90	/	24.50	
		1	99	/	22.85	/	24.50	
		50	0	/	21.78	/	23.50	
		50	25	/	21.69	/	23.50	
		50	50	/	21.93	/	23.50	



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	64QAM	100	0	/	21.72	/	23.50
		1	0	/	21.85	/	23.50
		1	50	/	21.79	/	23.50
		1	99	/	21.81	/	23.50
		50	0	/	20.85	/	22.50
		50	25	/	20.86	/	22.50
		50	50	/	20.84	/	22.50
		100	0	/	20.79	/	22.50
	256QAM	1	0	/	18.83	/	20.50
		1	50	/	18.69	/	20.50
		1	99	/	18.82	/	20.50
		50	0	/	18.80	/	20.50
		50	25	/	18.80	/	20.50
		50	50	/	18.88	/	20.50
		100	0	/	18.77	/	20.50

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	20.91	20.97	20.96	22.50	
		1	2	20.62	20.67	20.77	22.50	
		1	5	20.67	20.67	20.67	22.50	
		3	0	21.05	20.95	20.92	22.50	
		3	2	20.99	20.96	20.98	22.50	
		3	3	20.92	20.88	20.78	22.50	
	16QAM	6	0	20.72	20.74	20.77	22.50	
		1	0	21.10	21.01	20.93	22.50	
		1	2	20.61	20.53	20.54	22.50	
		1	5	21.09	21.07	21.17	22.50	
		3	0	20.91	20.92	20.97	22.50	
		3	2	21.24	21.17	21.20	22.50	
	64QAM	3	3	20.92	20.95	20.96	22.50	
		6	0	20.74	20.82	20.91	22.50	
		1	0	21.00	21.06	21.02	22.50	
		1	2	20.83	20.89	20.98	22.50	
		1	5	20.69	20.68	20.64	22.50	
		3	0	20.84	20.75	20.70	22.50	
	256QAM	3	2	21.02	20.96	20.88	22.50	
		3	3	20.63	20.64	20.67	22.50	
		6	0	20.86	20.90	20.92	22.50	
		1	0	18.94	18.99	18.90	20.50	
		1	2	19.29	19.31	19.21	20.50	
		1	5	19.13	19.11	19.14	20.50	
			3	0	19.04	19.09	19.05	20.50
			3	2	18.88	18.97	19.00	20.50
			3	3	19.09	19.01	18.99	20.50
			6	0	18.77	18.86	18.82	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19965	20175	20385	



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3MHz	QPSK	1	0	21.09	20.99	20.98	22.50
		1	7	20.68	20.64	20.65	22.50
		1	14	20.67	20.76	20.66	22.50
		8	0	20.89	20.90	20.94	22.50
		8	4	21.01	21.01	21.01	22.50
		8	7	20.92	20.93	20.95	22.50
		15	0	20.76	20.69	20.69	22.50
	16QAM	1	0	21.18	21.08	21.11	22.50
		1	7	20.70	20.61	20.52	22.50
		1	14	20.96	21.02	21.09	22.50
		8	0	20.82	20.88	20.78	22.50
		8	4	21.16	21.12	21.22	22.50
		8	7	21.01	20.94	20.94	22.50
		15	0	20.94	20.88	20.89	22.50
	64QAM	1	0	20.94	21.01	20.91	22.50
		1	7	20.86	20.88	20.93	22.50
		1	14	20.79	20.76	20.84	22.50
		8	0	20.83	20.85	20.75	22.50
		8	4	21.07	21.04	21.04	22.50
		8	7	20.74	20.74	20.68	22.50
		15	0	20.87	20.87	20.95	22.50
256QAM	1	0	18.93	18.97	19.00	20.50	
	1	7	19.18	19.24	19.23	20.50	
	1	14	19.17	19.09	19.17	20.50	
	8	0	18.93	19.03	19.11	20.50	
	8	4	18.79	18.89	18.99	20.50	
	8	7	19.10	19.00	19.03	20.50	
	15	0	18.87	18.90	18.91	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	21.16	21.08	21.07	22.50
		1	13	20.71	20.72	20.76	22.50
		1	24	20.61	20.71	20.78	22.50
		12	0	20.84	20.88	20.92	22.50
		12	6	20.96	21.00	20.90	22.50
		12	13	20.92	20.85	20.89	22.50
		25	0	20.60	20.63	20.69	22.50
	16QAM	1	0	21.03	21.03	20.93	22.50
		1	13	20.75	20.71	20.67	22.50
		1	24	21.02	21.11	21.13	22.50
		12	0	20.93	20.93	20.89	22.50
		12	6	21.02	21.09	21.08	22.50
		12	13	21.08	21.02	21.03	22.50
		25	0	20.95	20.93	20.88	22.50
	64QAM	1	0	21.04	20.94	20.86	22.50
		1	13	20.79	20.85	20.90	22.50
		1	24	20.72	20.67	20.75	22.50
		12	0	21.04	20.94	20.91	22.50
		12	6	21.14	21.04	21.06	22.50
		12	13	20.63	20.67	20.70	22.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
	256QAM	25	0	20.99	20.92	20.95	22.50	
		1	0	18.82	18.88	18.88	20.50	
		1	13	19.11	19.17	19.26	20.50	
		1	24	19.20	19.14	19.15	20.50	
		12	0	19.12	19.02	18.99	20.50	
		12	6	18.96	18.98	18.89	20.50	
		12	13	19.10	19.05	19.13	20.50	
		25	0	18.87	18.94	18.91	20.50	
10MHz	QPSK	1	0	21.20	21.15	21.22	22.50	
		1	25	20.71	20.77	20.81	22.50	
		1	49	20.78	20.78	20.83	22.50	
		25	0	20.83	20.81	20.86	22.50	
		25	13	20.96	21.01	20.97	22.50	
		25	25	20.94	20.86	20.96	22.50	
		50	0	20.79	20.71	20.76	22.50	
	16QAM	1	0	20.97	20.93	21.02	22.50	
		1	25	20.77	20.78	20.75	22.50	
		1	49	21.18	21.13	21.14	22.50	
		25	0	21.05	20.98	20.98	22.50	
		25	13	21.09	21.01	21.06	22.50	
		25	25	20.91	20.96	21.04	22.50	
	64QAM	50	0	20.81	20.88	20.95	22.50	
		1	0	20.88	20.85	20.77	22.50	
		1	25	20.80	20.77	20.81	22.50	
		1	49	20.58	20.67	20.68	22.50	
		25	0	20.90	20.84	20.76	22.50	
		25	13	20.93	20.96	20.90	22.50	
		25	25	20.85	20.77	20.85	22.50	
	256QAM	50	0	21.08	20.98	20.98	22.50	
		1	0	19.05	18.98	18.90	20.50	
		1	25	19.20	19.12	19.07	20.50	
		1	49	19.17	19.17	19.27	20.50	
		25	0	19.02	18.99	18.90	20.50	
		25	13	18.99	19.03	19.08	20.50	
		25	25	19.08	19.02	19.11	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20025	20175	20325	
	15MHz	QPSK	1	0	21.17	21.09	21.11	22.50
			1	38	20.73	20.83	20.88	22.50
			1	74	20.81	20.84	20.86	22.50
36			0	20.81	20.91	20.87	22.50	
36			18	20.88	20.91	20.97	22.50	
36			39	20.88	20.88	20.98	22.50	
75			0	20.72	20.66	20.72	22.50	
16QAM		1	0	20.98	20.88	20.80	22.50	
		1	38	20.84	20.83	20.87	22.50	
		1	74	21.11	21.03	20.99	22.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	20175	/		
20MHz		36	0	20.93	21.01	21.10	22.50	
		36	18	21.02	20.92	20.90	22.50	
		36	39	21.04	20.97	21.02	22.50	
		75	0	20.82	20.81	20.90	22.50	
	64QAM	1	0	20.84	20.80	20.77	22.50	
		1	38	20.72	20.80	20.81	22.50	
		1	74	20.74	20.72	20.62	22.50	
		36	0	20.72	20.75	20.65	22.50	
		36	18	20.89	20.93	21.00	22.50	
		36	39	20.72	20.79	20.70	22.50	
		75	0	21.00	20.96	20.93	22.50	
		256QAM	1	0	19.14	19.08	19.16	20.50
	1		38	19.01	19.08	19.14	20.50	
	1		74	19.12	19.18	19.15	20.50	
	36		0	18.94	19.03	18.97	20.50	
	36		18	19.15	19.06	19.10	20.50	
	36		39	19.21	19.12	19.15	20.50	
	75		0	18.94	19.02	18.93	20.50	
	20MHz		QPSK	1	0	/	21.11	/
		1		50	/	20.81	/	22.50
		1		99	/	20.92	/	22.50
		50		0	/	20.94	/	22.50
		50		25	/	20.90	/	22.50
		50		50	/	20.78	/	22.50
		100		0	/	20.64	/	22.50
		16QAM	1	0	/	20.84	/	22.50
			1	50	/	20.77	/	22.50
			1	99	/	20.96	/	22.50
50			0	/	20.94	/	22.50	
50			25	/	20.82	/	22.50	
50			50	/	20.97	/	22.50	
100			0	/	20.89	/	22.50	
64QAM		1	0	/	20.82	/	22.50	
		1	50	/	20.86	/	22.50	
		1	99	/	20.76	/	22.50	
		50	0	/	20.76	/	22.50	
		50	25	/	20.95	/	22.50	
		50	50	/	20.80	/	22.50	
		100	0	/	20.92	/	22.50	
256QAM		1	0	/	19.06	/	20.50	
		1	50	/	18.99	/	20.50	
		1	99	/	19.08	/	20.50	
		50	0	/	18.98	/	20.50	
		50	25	/	19.13	/	20.50	
		50	50	/	19.07	/	20.50	
		100	0	/	19.04	/	20.50	



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LTE Band 7 DSI 1&3&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.14	17.32	16.90	18.50
		1	13	16.86	17.03	16.99	18.50
		1	24	16.85	16.93	16.80	18.50
		12	0	17.21	17.16	16.95	18.50
		12	6	17.20	17.03	16.91	18.50
		12	13	16.73	16.79	16.91	18.50
		25	0	16.86	16.74	16.72	18.50
	16QAM	1	0	17.08	17.01	16.71	18.50
		1	13	17.11	16.95	16.83	18.50
		1	24	16.98	16.87	16.72	18.50
		12	0	16.96	16.96	17.03	18.50
		12	6	16.98	16.84	16.86	18.50
		12	13	17.16	17.19	16.84	18.50
		25	0	16.72	17.08	16.88	18.50
	64QAM	1	0	16.72	17.01	16.69	18.50
		1	13	16.78	16.89	17.06	18.50
		1	24	16.77	16.86	16.83	18.50
		12	0	16.75	17.13	16.97	18.50
		12	6	16.66	16.91	17.03	18.50
		12	13	16.70	16.89	16.92	18.50
		25	0	16.71	17.11	16.70	18.50
	256QAM	1	0	16.78	16.72	16.85	18.50
		1	13	16.71	17.04	16.92	18.50
		1	24	16.87	16.90	16.67	18.50
		12	0	16.86	17.02	17.00	18.50
		12	6	16.87	16.81	16.99	18.50
		12	13	16.54	16.79	16.60	18.50
		25	0	16.74	16.56	16.76	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	17.04	17.36	17.00	18.50
		1	25	16.97	17.08	16.98	18.50
		1	49	16.80	16.90	16.83	18.50
		25	0	17.27	17.25	16.98	18.50
		25	13	17.20	16.97	16.97	18.50
		25	25	16.89	16.90	16.75	18.50
		50	0	16.80	16.88	16.68	18.50
	16QAM	1	0	16.96	17.03	16.81	18.50
		1	25	16.87	16.94	16.97	18.50
		1	49	16.89	16.88	16.66	18.50
		25	0	16.96	17.07	16.94	18.50
		25	13	17.02	16.93	16.84	18.50
		25	25	17.00	17.28	16.84	18.50
		50	0	16.86	17.04	16.87	18.50
	64QAM	1	0	16.73	16.94	16.69	18.50
		1	25	16.72	16.91	16.96	18.50



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		1	49	16.85	16.89	16.95	18.50
		25	0	16.84	17.15	16.82	18.50
		25	13	16.77	16.94	16.93	18.50
		25	25	16.75	16.90	16.80	18.50
		50	0	16.84	16.99	16.78	18.50
	256QAM	1	0	16.81	16.75	16.92	18.50
		1	25	16.80	16.96	16.87	18.50
		1	49	16.82	16.85	16.68	18.50
		25	0	16.78	17.05	16.82	18.50
		25	13	17.01	16.80	16.93	18.50
		25	25	16.66	16.90	16.73	18.50
		50	0	16.72	16.77	16.67	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.97	17.28	17.10	18.50
		1	38	17.04	17.06	17.11	18.50
		1	74	16.85	16.98	16.84	18.50
		36	0	17.08	17.21	16.94	18.50
		36	18	17.11	16.91	16.97	18.50
		36	39	16.93	16.98	16.67	18.50
		75	0	16.80	16.76	16.66	18.50
	16QAM	1	0	16.86	17.01	16.74	18.50
		1	38	16.86	17.03	17.00	18.50
		1	74	16.84	16.80	16.75	18.50
		36	0	17.06	17.20	16.83	18.50
		36	18	16.94	16.94	16.93	18.50
		36	39	16.86	17.15	16.89	18.50
		75	0	16.91	17.04	16.81	18.50
	64QAM	1	0	16.84	16.86	16.59	18.50
		1	38	16.79	16.94	16.91	18.50
		1	74	16.77	17.04	16.86	18.50
		36	0	16.80	17.17	16.78	18.50
		36	18	16.77	16.94	16.99	18.50
		36	39	16.86	16.93	16.82	18.50
		75	0	16.83	16.92	16.78	18.50
	256QAM	1	0	16.72	16.71	16.74	18.50
		1	38	16.97	17.06	16.75	18.50
		1	74	16.85	16.88	16.72	18.50
		36	0	16.70	16.97	17.00	18.50
		36	18	16.94	17.04	17.02	18.50
		36	39	16.71	16.89	16.72	18.50
		75	0	16.63	16.88	16.73	18.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20850	21100	21350	
20MHz	QPSK	1	0	17.35	17.37	17.29	18.50
		1	50	17.02	17.05	16.98	18.50
		1	99	16.87	17.13	16.80	18.50
		50	0	17.16	17.26	16.99	18.50
		50	25	17.06	17.10	16.96	18.50
		50	50	16.82	16.97	16.70	18.50



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	16QAM	100	0	16.68	17.13	16.63	18.50
		1	0	16.78	17.02	16.82	18.50
		1	50	16.96	16.83	16.89	18.50
		1	99	16.79	16.91	16.80	18.50
		50	0	17.05	17.14	16.95	18.50
		50	25	16.96	17.01	16.92	18.50
		50	50	16.90	17.13	16.92	18.50
		100	0	16.95	16.83	16.87	18.50
	64QAM	1	0	16.82	16.86	16.74	18.50
		1	50	16.93	16.98	16.98	18.50
		1	99	16.81	16.82	16.81	18.50
		50	0	16.77	17.08	16.74	18.50
		50	25	17.00	17.06	17.08	18.50
		50	50	16.86	16.94	16.92	18.50
		100	0	16.87	16.90	16.92	18.50
	256QAM	1	0	16.78	16.91	16.75	18.50
		1	50	16.86	17.05	16.86	18.50
		1	99	16.74	16.87	16.80	18.50
		50	0	16.79	16.94	16.95	18.50
		50	25	16.96	17.01	16.98	18.50
		50	50	16.65	16.78	16.74	18.50
		100	0	16.60	16.72	16.62	18.50

LTE Band 7 DSI 2&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	24.15	24.02	24.08	25.50
		1	13	24.01	23.89	23.84	25.50
		1	24	23.83	23.68	23.67	25.50
		12	0	23.33	23.20	23.38	24.50
		12	6	23.18	23.11	23.03	24.50
		12	13	23.26	23.30	23.21	24.50
		25	0	23.33	23.38	23.30	24.50
	16QAM	1	0	23.27	23.25	23.33	24.50
		1	13	23.12	23.47	23.23	24.50
		1	24	22.99	23.08	23.02	24.50
		12	0	22.10	22.25	21.95	23.50
		12	6	22.13	21.81	21.99	23.50
		12	13	21.73	22.15	22.14	23.50
		25	0	22.09	22.19	22.17	23.50
	64QAM	1	0	22.37	22.24	22.02	23.50
		1	13	22.00	22.10	22.09	23.50
		1	24	22.08	22.20	22.11	23.50
		12	0	20.94	21.01	21.09	22.50
		12	6	21.05	21.19	20.99	22.50
		12	13	21.15	21.13	21.03	22.50
		25	0	20.88	21.09	21.01	22.50
	256QAM	1	0	19.18	19.06	19.07	20.50
		1	13	18.88	19.08	19.18	20.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
		1	24	19.13	19.15	19.16	20.50
		12	0	19.08	19.10	18.98	20.50
		12	6	18.85	18.85	18.90	20.50
		12	13	18.77	19.14	19.09	20.50
		25	0	18.96	19.03	18.90	20.50
10MHz	QPSK	1	0	24.10	24.12	24.06	25.50
		1	25	23.94	23.90	23.79	25.50
		1	49	23.81	23.75	23.74	25.50
		25	0	23.26	23.28	23.42	24.50
		25	13	23.21	23.13	23.10	24.50
		25	25	23.17	23.40	23.15	24.50
		50	0	23.35	23.36	23.29	24.50
	16QAM	1	0	23.18	23.27	23.24	24.50
		1	25	23.22	23.44	23.32	24.50
		1	49	23.00	23.08	23.02	24.50
		25	0	22.17	22.22	21.93	23.50
		25	13	22.14	21.88	21.92	23.50
		25	25	21.79	22.06	22.06	23.50
		50	0	22.01	22.10	22.08	23.50
	64QAM	1	0	22.33	22.34	22.05	23.50
		1	25	22.08	22.13	22.14	23.50
		1	49	21.98	22.21	22.14	23.50
		25	0	21.02	21.09	20.99	22.50
		25	13	21.05	21.24	20.98	22.50
		25	25	21.15	21.16	21.08	22.50
		50	0	20.90	21.10	21.00	22.50
	256QAM	1	0	19.21	19.09	19.02	20.50
		1	25	18.93	19.03	19.19	20.50
		1	49	19.12	19.07	19.19	20.50
		25	0	18.99	19.14	18.95	20.50
		25	13	18.83	18.93	18.82	20.50
		25	25	18.86	19.10	19.10	20.50
		50	0	19.04	18.97	18.94	20.50
15MHz	QPSK	1	0	24.06	24.14	24.06	25.50
		1	38	24.00	23.99	23.80	25.50
		1	74	23.86	23.77	23.75	25.50
		36	0	23.29	23.38	23.39	24.50
		36	18	23.23	23.21	23.18	24.50
		36	39	23.15	23.32	23.23	24.50
		75	0	23.33	23.44	23.38	24.50
	16QAM	1	0	23.28	23.34	23.24	24.50
		1	38	23.17	23.36	23.24	24.50
		1	74	23.04	23.15	23.10	24.50
		36	0	22.11	22.14	21.97	23.50
		36	18	22.08	21.98	21.89	23.50
		36	39	21.89	22.03	22.00	23.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
	64QAM	75	0	22.10	22.11	22.10	23.50
		1	0	22.25	22.34	22.13	23.50
		1	38	22.07	22.08	22.21	23.50
		1	74	22.05	22.30	22.10	23.50
		36	0	21.11	21.12	21.05	22.50
		36	18	21.12	21.28	21.08	22.50
		36	39	21.18	21.06	21.03	22.50
		75	0	21.00	21.08	21.03	22.50
	256QAM	1	0	19.11	19.06	19.05	20.50
		1	38	18.99	19.09	19.15	20.50
		1	74	19.08	19.04	19.18	20.50
		36	0	19.08	19.06	18.97	20.50
		36	18	18.83	19.03	18.91	20.50
		36	39	18.76	19.04	19.04	20.50
75	0	19.07	19.01	18.95	20.50		
20MHz	QPSK	1	0	24.16	24.26	24.12	25.50
		1	50	23.90	24.00	23.88	25.50
		1	99	23.80	23.86	23.76	25.50
		50	0	23.57	23.66	23.49	24.50
		50	25	23.24	23.25	23.18	24.50
		50	50	23.24	23.28	23.15	24.50
		100	0	23.24	23.51	23.32	24.50
	16QAM	1	0	23.26	23.32	23.29	24.50
		1	50	23.21	23.30	23.25	24.50
		1	99	23.10	23.13	23.11	24.50
		50	0	22.10	22.10	21.98	23.50
		50	25	22.05	22.02	21.92	23.50
		50	50	21.96	22.10	21.93	23.50
		100	0	22.00	22.18	22.10	23.50
	64QAM	1	0	22.15	22.28	22.23	23.50
		1	50	21.99	22.15	22.11	23.50
		1	99	22.10	22.25	22.19	23.50
		50	0	21.08	21.17	21.04	22.50
		50	25	21.19	21.21	21.09	22.50
		50	50	21.12	21.08	21.10	22.50
		100	0	20.93	21.01	20.96	22.50
	256QAM	1	0	19.17	19.15	18.97	20.50
		1	50	18.94	19.05	19.11	20.50
		1	99	19.06	19.07	19.09	20.50
		50	0	19.13	19.14	18.90	20.50
		50	25	18.89	18.96	19.01	20.50
		50	50	18.82	19.05	18.97	20.50
		100	0	19.03	19.07	19.05	20.50



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LTE Band 66 DSI 1&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.59	19.70	19.67	21.00
		1	2	19.69	19.82	19.51	21.00
		1	5	19.44	19.77	19.58	21.00
		3	0	19.59	19.90	19.58	21.00
		3	1	19.66	19.38	19.55	21.00
		3	3	19.58	19.70	19.61	21.00
		6	0	19.38	19.26	19.31	21.00
	16QAM	1	0	19.51	19.62	19.69	21.00
		1	2	19.45	19.35	19.38	21.00
		1	5	19.85	19.69	19.56	21.00
		3	0	19.57	19.64	19.48	21.00
		3	1	19.49	19.47	19.47	21.00
		3	3	19.51	19.63	19.69	21.00
		6	0	19.61	19.63	19.54	21.00
	64QAM	1	0	19.63	19.60	19.51	21.00
		1	2	19.69	19.63	19.52	21.00
		1	5	19.55	19.54	19.74	21.00
		3	0	19.44	19.81	19.50	21.00
		3	1	19.79	19.77	19.78	21.00
		3	3	19.50	19.60	19.43	21.00
		6	0	19.58	19.72	19.66	21.00
	256QAM	1	0	18.68	18.52	18.63	20.50
		1	2	18.67	18.66	18.59	20.50
		1	5	18.74	18.76	18.76	20.50
		3	0	18.76	18.79	18.75	20.50
		3	1	18.68	18.78	18.88	20.50
		3	3	18.91	18.96	18.75	20.50
		6	0	18.73	18.76	18.65	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	19.63	19.72	19.75	21.00
		1	7	19.75	19.75	19.54	21.00
		1	14	19.39	19.80	19.64	21.00
		8	0	19.55	19.95	19.68	21.00
		8	4	19.60	19.43	19.48	21.00
		8	7	19.57	19.70	19.70	21.00
		15	0	19.29	19.21	19.28	21.00
	16QAM	1	0	19.55	19.67	19.60	21.00
		1	7	19.55	19.39	19.44	21.00
		1	14	19.88	19.73	19.60	21.00
		8	0	19.50	19.66	19.52	21.00
		8	4	19.43	19.53	19.50	21.00
		8	7	19.52	19.72	19.63	21.00
		15	0	19.63	19.63	19.51	21.00
	64QAM	1	0	19.60	19.54	19.51	21.00
		1	7	19.70	19.68	19.47	21.00



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		1	14	19.60	19.63	19.64	21.00
		8	0	19.40	19.80	19.43	21.00
		8	4	19.78	19.75	19.71	21.00
		8	7	19.58	19.60	19.49	21.00
		15	0	19.65	19.70	19.68	21.00
	256QAM	1	0	18.69	18.57	18.63	20.50
		1	7	18.53	18.56	18.61	20.50
		1	14	18.81	18.71	18.86	20.50
		8	0	18.70	18.76	18.63	20.50
		8	4	18.70	18.79	18.86	20.50
		8	7	18.85	18.95	18.71	20.50
		15	0	18.64	18.78	18.71	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.62	19.71	19.69	21.00
		1	13	19.67	19.79	19.46	21.00
		1	24	19.41	19.70	19.66	21.00
		12	0	19.65	19.94	19.71	21.00
		12	6	19.58	19.49	19.48	21.00
		12	13	19.54	19.65	19.61	21.00
		25	0	19.29	19.22	19.27	21.00
	16QAM	1	0	19.59	19.58	19.56	21.00
		1	13	19.52	19.49	19.48	21.00
		1	24	19.90	19.74	19.69	21.00
		12	0	19.44	19.73	19.60	21.00
		12	6	19.51	19.50	19.42	21.00
		12	13	19.45	19.69	19.62	21.00
		25	0	19.55	19.56	19.60	21.00
	64QAM	1	0	19.57	19.56	19.59	21.00
		1	13	19.60	19.64	19.54	21.00
		1	24	19.70	19.64	19.65	21.00
		12	0	19.37	19.70	19.48	21.00
		12	6	19.76	19.68	19.63	21.00
		12	13	19.59	19.64	19.58	21.00
		25	0	19.61	19.71	19.76	21.00
	256QAM	1	0	18.64	18.57	18.73	20.50
		1	13	18.52	18.66	18.66	20.50
		1	24	18.73	18.79	18.88	20.50
		12	0	18.66	18.77	18.50	20.50
		12	6	18.76	18.87	18.81	20.50
		12	13	18.82	18.85	18.70	20.50
		25	0	18.64	18.68	18.79	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.68	19.76	19.61	21.00
		1	25	19.71	19.84	19.49	21.00
		1	49	19.50	19.61	19.67	21.00
		25	0	19.70	19.86	19.67	21.00
		25	13	19.57	19.59	19.43	21.00
		25	25	19.55	19.60	19.63	21.00



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	16QAM	50	0	19.32	19.31	19.33	21.00	
		1	0	19.51	19.57	19.53	21.00	
		1	25	19.61	19.58	19.53	21.00	
		1	49	19.82	19.74	19.66	21.00	
		25	0	19.51	19.83	19.69	21.00	
		25	13	19.45	19.53	19.44	21.00	
		25	25	19.51	19.62	19.67	21.00	
		50	0	19.52	19.61	19.53	21.00	
	64QAM	1	0	19.67	19.60	19.61	21.00	
		1	25	19.53	19.61	19.52	21.00	
		1	49	19.68	19.57	19.61	21.00	
		25	0	19.44	19.62	19.50	21.00	
		25	13	19.75	19.74	19.59	21.00	
		25	25	19.65	19.67	19.54	21.00	
		50	0	19.61	19.79	19.73	21.00	
	256QAM	1	0	18.71	18.65	18.70	20.50	
		1	25	18.61	18.68	18.62	20.50	
		1	49	18.67	18.69	18.82	20.50	
		25	0	18.66	18.83	18.54	20.50	
		25	13	18.82	18.91	18.75	20.50	
		25	25	18.83	18.81	18.75	20.50	
		50	0	18.59	18.71	18.73	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
	15MHz	QPSK	1	0	19.61	19.68	19.70	21.00
			1	38	19.65	19.74	19.59	21.00
			1	74	19.46	19.60	19.60	21.00
			36	0	19.79	19.76	19.67	21.00
			36	18	19.50	19.52	19.52	21.00
36			39	19.49	19.55	19.62	21.00	
75			0	19.36	19.33	19.24	21.00	
16QAM		1	0	19.54	19.67	19.60	21.00	
		1	38	19.65	19.67	19.50	21.00	
		1	74	19.72	19.64	19.61	21.00	
		36	0	19.59	19.76	19.70	21.00	
		36	18	19.48	19.63	19.46	21.00	
		36	39	19.56	19.72	19.59	21.00	
		75	0	19.58	19.57	19.51	21.00	
64QAM		1	0	19.59	19.69	19.55	21.00	
		1	38	19.43	19.64	19.48	21.00	
		1	74	19.65	19.67	19.56	21.00	
		36	0	19.40	19.52	19.44	21.00	
		36	18	19.68	19.75	19.69	21.00	
		36	39	19.57	19.61	19.50	21.00	
		75	0	19.65	19.82	19.70	21.00	
256QAM		1	0	18.78	18.73	18.65	20.50	
		1	38	18.65	18.76	18.55	20.50	
		1	74	18.70	18.69	18.79	20.50	
		36	0	18.66	18.82	18.63	20.50	
		36	18	18.79	18.86	18.72	20.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz		36	39	18.80	18.89	18.78	20.50
		75	0	18.61	18.74	18.69	20.50
	QPSK	1	0	19.93	20.07	19.95	21.00
		1	50	19.57	19.70	19.61	21.00
		1	99	19.54	19.69	19.63	21.00
		50	0	19.76	19.89	19.77	21.00
		50	25	19.49	19.59	19.47	21.00
		50	50	19.53	19.60	19.55	21.00
		100	0	19.43	19.61	19.44	21.00
	16QAM	1	0	19.52	19.63	19.53	21.00
		1	50	19.62	19.71	19.57	21.00
		1	99	19.66	19.71	19.66	21.00
		50	0	19.61	19.70	19.64	21.00
		50	25	19.53	19.60	19.45	21.00
		50	50	19.55	19.65	19.60	21.00
		100	0	19.52	19.66	19.56	21.00
	64QAM	1	0	19.61	19.65	19.59	21.00
		1	50	19.49	19.60	19.50	21.00
		1	99	19.58	19.69	19.60	21.00
		50	0	19.49	19.60	19.50	21.00
		50	25	19.62	19.74	19.60	21.00
		50	50	19.52	19.60	19.55	21.00
		100	0	19.65	19.73	19.60	21.00
	256QAM	1	0	18.71	18.78	18.68	20.50
		1	50	18.63	18.71	18.63	20.50
		1	99	18.65	18.79	18.72	20.50
		50	0	18.69	18.80	18.71	20.50
		50	25	18.76	18.85	18.75	20.50
		50	50	18.79	18.86	18.78	20.50
		100	0	18.70	18.84	18.75	20.50

LTE Band 66 DSI 2&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.98	23.83	24.20	25.50
		1	2	23.54	23.74	23.77	25.50
		1	5	23.72	23.96	23.56	25.50
		3	0	23.76	23.86	23.88	25.50
		3	1	23.72	23.82	24.02	25.50
		3	3	24.08	23.98	23.73	25.50
		6	0	22.62	22.68	22.55	24.50
	16QAM	1	0	22.57	22.81	22.73	24.50
		1	2	22.99	22.99	22.76	24.50
		1	5	22.61	22.61	22.65	24.50
		3	0	23.06	22.70	22.91	24.50
		3	1	22.80	22.84	22.55	24.50
		3	3	22.60	22.80	22.64	24.50



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	64QAM	6	0	21.82	21.87	21.82	23.50
		1	0	21.57	21.89	21.65	23.50
		1	2	21.86	21.94	21.85	23.50
		1	5	21.81	21.76	21.65	23.50
		3	0	21.58	22.04	21.95	23.50
		3	1	21.74	21.94	21.82	23.50
		3	3	21.60	21.62	21.73	23.50
		6	0	20.55	20.77	20.55	22.50
	256QAM	1	0	18.63	18.68	18.81	20.50
		1	2	18.76	18.81	18.53	20.50
		1	5	18.97	18.90	18.87	20.50
		3	0	18.66	18.67	18.61	20.50
		3	1	18.65	18.87	18.50	20.50
		3	3	18.72	18.84	18.87	20.50
6	0	18.94	18.68	18.93	20.50		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				131987	132322	132657	
<b>3MHz</b>	QPSK	1	0	23.96	23.93	24.18	25.50
		1	7	23.50	23.77	23.87	25.50
		1	14	23.63	23.93	23.58	25.50
		8	0	22.76	22.94	22.87	24.50
		8	4	22.78	22.84	22.93	24.50
		8	7	23.01	23.05	22.80	24.50
		15	0	22.71	22.77	22.62	24.50
	16QAM	1	0	22.65	22.87	22.66	24.50
		1	7	22.95	22.98	22.67	24.50
		1	14	22.65	22.68	22.58	24.50
		8	0	22.01	21.79	21.85	23.50
		8	4	21.75	21.78	21.51	23.50
		8	7	21.66	21.86	21.56	23.50
	15	0	21.75	21.90	21.84	23.50	
	64QAM	1	0	21.67	21.93	21.62	23.50
		1	7	21.95	21.85	21.83	23.50
		1	14	21.75	21.75	21.63	23.50
		8	0	20.57	20.97	20.87	22.50
		8	4	20.79	20.92	20.72	22.50
		8	7	20.69	20.68	20.68	22.50
	15	0	20.55	20.76	20.52	22.50	
	256QAM	1	0	18.66	18.72	18.80	20.50
		1	7	18.69	18.85	18.62	20.50
		1	14	18.87	18.88	18.80	20.50
		8	0	18.74	18.74	18.68	20.50
		8	4	18.75	18.94	18.50	20.50
		8	7	18.65	18.79	18.92	20.50
		15	0	18.84	18.76	18.83	20.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				131997	132322	132647	
<b>5MHz</b>	QPSK	1	0	23.93	23.96	24.13	25.50
		1	13	23.59	23.79	23.81	25.50
		1	24	23.73	24.02	23.65	25.50



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		12	0	22.75	22.93	22.93	24.50	
		12	6	22.83	22.91	22.83	24.50	
		12	13	22.96	22.96	22.77	24.50	
		25	0	22.65	22.86	22.51	24.50	
	16QAM	1	0	22.55	22.96	22.57	24.50	
		1	13	22.85	22.95	22.73	24.50	
		1	24	22.75	22.76	22.63	24.50	
		12	0	22.04	21.82	21.94	23.50	
		12	6	21.85	21.76	21.55	23.50	
		12	13	21.61	21.92	21.55	23.50	
		25	0	21.65	21.81	21.87	23.50	
	64QAM	1	0	21.67	21.85	21.65	23.50	
		1	13	21.89	21.91	21.74	23.50	
		1	24	21.65	21.72	21.60	23.50	
		12	0	20.60	21.03	20.89	22.50	
		12	6	20.71	20.87	20.62	22.50	
		12	13	20.63	20.74	20.77	22.50	
		25	0	20.56	20.72	20.62	22.50	
	256QAM	1	0	18.76	18.78	18.72	20.50	
		1	13	18.74	18.82	18.50	20.50	
		1	24	18.86	18.81	18.71	20.50	
		12	0	18.76	18.76	18.72	20.50	
		12	6	18.83	18.89	18.55	20.50	
		12	13	18.65	18.88	18.90	20.50	
		25	0	18.82	18.73	18.93	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	23.95	23.91	24.09	25.50
			1	25	23.69	23.79	23.72	25.50
1			49	23.79	24.02	23.72	25.50	
25			0	22.85	22.97	23.00	24.50	
25			13	22.85	22.95	22.85	24.50	
25			25	22.93	23.02	22.86	24.50	
50			0	22.72	22.79	22.60	24.50	
16QAM		1	0	22.65	22.99	22.65	24.50	
		1	25	22.79	22.90	22.67	24.50	
		1	49	22.76	22.85	22.72	24.50	
		25	0	21.94	21.91	21.84	23.50	
		25	13	21.82	21.78	21.64	23.50	
		25	25	21.56	21.97	21.56	23.50	
		50	0	21.66	21.72	21.96	23.50	
64QAM		1	0	21.65	21.89	21.54	23.50	
		1	25	21.88	21.96	21.80	23.50	
		1	49	21.74	21.79	21.62	23.50	
		25	0	20.70	20.96	20.84	22.50	
		25	13	20.71	20.80	20.72	22.50	
		25	25	20.55	20.82	20.76	22.50	
		50	0	20.66	20.81	20.68	22.50	
256QAM		1	0	18.78	18.80	18.64	20.50	
		1	25	18.83	18.80	18.58	20.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
		1	49	18.76	18.89	18.68	20.50
		25	0	18.81	18.80	18.81	20.50
		25	13	18.73	18.82	18.65	20.50
		25	25	18.67	18.90	18.84	20.50
		50	0	18.76	18.64	18.90	20.50
15MHz	QPSK	1	0	23.94	23.99	24.04	25.50
		1	38	23.68	23.87	23.82	25.50
		1	74	23.70	23.92	23.73	25.50
		36	0	22.88	22.99	22.98	24.50
		36	18	22.95	22.95	22.90	24.50
		36	39	22.86	23.00	22.96	24.50
		75	0	22.73	22.88	22.69	24.50
	16QAM	1	0	22.70	22.89	22.74	24.50
		1	38	22.79	22.86	22.59	24.50
		1	74	22.71	22.87	22.73	24.50
		36	0	21.84	21.89	21.74	23.50
		36	18	21.79	21.71	21.74	23.50
		36	39	21.64	21.95	21.64	23.50
		75	0	21.65	21.71	21.89	23.50
	64QAM	1	0	21.65	21.95	21.58	23.50
		1	38	21.79	21.93	21.74	23.50
		1	74	21.79	21.83	21.70	23.50
		36	0	20.76	20.94	20.83	22.50
		36	18	20.79	20.73	20.73	22.50
		36	39	20.55	20.86	20.85	22.50
		75	0	20.53	20.82	20.72	22.50
	256QAM	1	0	18.72	18.73	18.71	20.50
		1	38	18.78	18.80	18.64	20.50
		1	74	18.76	18.89	18.68	20.50
		36	0	18.74	18.76	18.75	20.50
		36	18	18.65	18.79	18.68	20.50
		36	39	18.72	18.89	18.80	20.50
		75	0	18.74	18.67	18.86	20.50
20MHz	QPSK	1	0	24.20	24.38	24.26	25.50
		1	50	23.63	23.81	23.81	25.50
		1	99	23.77	23.85	23.77	25.50
		50	0	23.25	23.31	23.17	24.50
		50	25	23.00	22.90	22.89	24.50
		50	50	22.84	22.96	22.88	24.50
		100	0	22.79	23.07	22.88	24.50
	16QAM	1	0	22.74	22.79	22.79	24.50
		1	50	22.80	22.92	22.65	24.50
		1	99	22.78	22.93	22.73	24.50
		50	0	21.80	21.81	21.81	23.50
		50	25	21.74	21.77	21.71	23.50
		50	50	21.66	21.93	21.67	23.50



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	64QAM	100	0	21.73	21.75	21.83	23.50
		1	0	21.74	21.91	21.63	23.50
		1	50	21.83	21.84	21.80	23.50
		1	99	21.74	21.85	21.75	23.50
		50	0	20.74	20.87	20.73	22.50
		50	25	20.84	20.83	20.73	22.50
		50	50	20.54	20.79	20.75	22.50
		100	0	20.62	20.87	20.70	22.50
	256QAM	1	0	18.66	18.80	18.70	20.50
		1	50	18.71	18.74	18.73	20.50
		1	99	18.75	18.90	18.67	20.50
		50	0	18.80	18.80	18.74	20.50
		50	25	18.73	18.79	18.76	20.50
		50	50	18.79	18.92	18.75	20.50
		100	0	18.66	18.77	18.80	20.50

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	21.21	21.40	21.19	22.50	
		1	2	21.12	21.18	21.31	22.50	
		1	5	21.22	21.29	21.01	22.50	
		3	0	21.15	21.07	20.99	22.50	
		3	1	21.09	20.99	21.26	22.50	
		3	3	21.09	21.11	21.12	22.50	
	16QAM	6	0	20.70	20.74	20.96	22.50	
		1	0	20.74	21.09	20.98	22.50	
		1	2	20.74	21.08	21.30	22.50	
		1	5	20.92	21.28	21.15	22.50	
		3	0	21.11	21.10	21.14	22.50	
		3	1	21.06	20.79	21.00	22.50	
	64QAM	3	3	21.08	20.99	21.26	22.50	
		6	0	20.92	20.89	20.90	22.50	
		1	0	20.98	20.80	21.11	22.50	
		1	2	20.99	20.77	21.06	22.50	
		1	5	21.03	21.07	21.10	22.50	
		3	0	20.85	21.00	21.08	22.50	
	256QAM	3	1	21.14	21.05	20.97	22.50	
		3	3	21.16	21.05	21.00	22.50	
		6	0	21.07	21.14	20.89	22.50	
		1	0	18.61	18.80	18.72	20.50	
		1	2	18.77	18.78	18.79	20.50	
		1	5	18.76	18.90	18.63	20.50	
			3	0	18.61	18.89	18.74	20.50
			3	1	18.70	18.83	18.86	20.50
			3	3	18.55	19.03	18.83	20.50
			6	0	18.54	18.80	18.67	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131987	132322	132657	



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3MHz	QPSK	1	0	21.15	21.34	21.11	22.50
		1	7	21.10	21.23	21.24	22.50
		1	14	21.18	21.19	21.01	22.50
		8	0	21.24	21.12	21.00	22.50
		8	4	21.06	21.04	21.18	22.50
		8	7	21.01	21.02	21.04	22.50
		15	0	20.70	20.71	20.92	22.50
	16QAM	1	0	20.79	21.09	21.00	22.50
		1	7	20.78	21.03	21.24	22.50
		1	14	20.83	21.25	21.08	22.50
		8	0	21.18	21.08	21.08	22.50
		8	4	21.06	20.83	21.00	22.50
		8	7	21.16	21.07	21.17	22.50
	64QAM	15	0	21.01	20.94	20.86	22.50
		1	0	20.96	20.86	21.04	22.50
		1	7	20.92	20.87	21.06	22.50
		1	14	21.05	21.09	21.18	22.50
		8	0	20.89	21.05	21.07	22.50
		8	4	21.18	20.97	21.00	22.50
		8	7	21.20	20.98	21.00	22.50
	256QAM	15	0	21.05	21.06	20.95	22.50
1		0	18.69	18.81	18.76	20.50	
1		7	18.77	18.68	18.89	20.50	
1		14	18.68	18.84	18.70	20.50	
8		0	18.59	18.94	18.75	20.50	
8		4	18.79	18.90	18.79	20.50	
8		7	18.55	18.98	18.73	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.18	21.29	21.21	22.50
		1	13	21.03	21.23	21.28	22.50
		1	24	21.24	21.12	20.95	22.50
		12	0	21.18	21.14	21.09	22.50
		12	6	21.09	20.96	21.13	22.50
		12	13	21.09	21.10	21.10	22.50
		25	0	20.77	20.69	20.98	22.50
	16QAM	1	0	20.89	21.17	21.08	22.50
		1	13	20.85	21.11	21.24	22.50
		1	24	20.85	21.24	21.15	22.50
		12	0	21.17	20.99	21.08	22.50
		12	6	20.99	20.92	20.95	22.50
		12	13	21.15	21.10	21.18	22.50
		25	0	21.06	21.01	20.90	22.50
	64QAM	1	0	21.02	20.85	21.05	22.50
		1	13	21.02	20.94	21.06	22.50
		1	24	21.00	21.00	21.11	22.50
		12	0	20.91	21.10	21.02	22.50
		12	6	21.10	21.06	21.00	22.50
		12	13	21.19	20.94	21.03	22.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up						
				132022	132322	132622							
	256QAM	25	0	21.07	21.09	21.05	22.50						
		1	0	18.63	18.87	18.75	20.50						
		1	13	18.71	18.75	18.83	20.50						
		1	24	18.66	18.94	18.70	20.50						
		12	0	18.67	18.96	18.77	20.50						
		12	6	18.69	18.82	18.78	20.50						
		12	13	18.62	19.00	18.76	20.50						
		25	0	18.51	18.84	18.68	20.50						
10MHz	QPSK	1	0	21.18	21.33	21.24	22.50						
		1	25	21.08	21.14	21.23	22.50						
		1	49	21.15	21.10	21.00	22.50						
		25	0	21.14	21.15	21.00	22.50						
		25	13	21.08	20.90	21.10	22.50						
		25	25	21.05	21.19	21.00	22.50						
		50	0	20.84	20.75	20.96	22.50						
	16QAM	1	0	20.85	21.15	21.08	22.50						
		1	25	20.95	21.15	21.21	22.50						
		1	49	20.95	21.20	21.24	22.50						
		25	0	21.10	21.09	21.13	22.50						
		25	13	21.04	20.93	21.00	22.50						
		25	25	21.10	21.14	21.13	22.50						
	64QAM	50	0	21.15	21.10	20.93	22.50						
		1	0	20.97	20.91	21.06	22.50						
		1	25	21.10	20.96	21.09	22.50						
		1	49	20.95	21.04	21.20	22.50						
		25	0	20.93	21.00	21.03	22.50						
		25	13	21.05	21.04	20.95	22.50						
		25	25	21.18	20.89	20.96	22.50						
	256QAM	50	0	20.99	21.04	21.10	22.50						
		1	0	18.64	18.92	18.66	20.50						
		1	25	18.74	18.74	18.73	20.50						
		1	49	18.72	18.97	18.80	20.50						
		25	0	18.72	18.91	18.74	20.50						
		25	13	18.64	18.88	18.71	20.50						
		25	25	18.71	18.99	18.75	20.50						
			50	0	18.54	18.81	18.68	20.50					
			Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
			15MHz	QPSK	132047	132322	132597	1	0	21.08	21.28	21.19	22.50
					1	38	21.06	21.12	21.15	22.50			
					1	74	21.17	21.19	21.08	22.50			
					36	0	21.15	21.07	21.05	22.50			
					36	18	20.99	20.99	21.07	22.50			
					36	39	21.05	21.12	21.04	22.50			
	75	0			20.87	20.76	20.89	22.50					
	16QAM	1		0	20.95	21.11	21.09	22.50					
		1		38	21.05	21.13	21.15	22.50					
		1		74	21.04	21.12	21.23	22.50					



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	64QAM	36	0	21.04	21.08	21.07	22.50	
		36	18	20.99	20.94	21.05	22.50	
		36	39	21.08	21.11	21.13	22.50	
		75	0	21.05	21.11	21.01	22.50	
		1	0	20.99	20.97	21.13	22.50	
		1	38	21.10	20.91	21.11	22.50	
		1	74	21.01	21.07	21.16	22.50	
		36	0	20.98	21.06	21.03	22.50	
		36	18	21.07	21.13	21.04	22.50	
		36	39	21.12	20.96	20.96	22.50	
		75	0	21.01	21.05	21.05	22.50	
		1	0	18.56	18.93	18.64	20.50	
		1	38	18.69	18.79	18.69	20.50	
		1	74	18.67	18.94	18.78	20.50	
	36	0	18.81	18.81	18.77	20.50		
	36	18	18.69	18.93	18.75	20.50		
	36	39	18.73	18.91	18.72	20.50		
	75	0	18.62	18.73	18.78	20.50		
	20MHz	QPSK	1	0	21.14	21.20	21.14	22.50
			1	50	21.14	21.06	21.11	22.50
			1	99	21.08	21.10	21.04	22.50
			50	0	21.12	21.16	21.15	22.50
			50	25	20.98	20.94	21.05	22.50
			50	50	21.01	21.06	20.97	22.50
			100	0	20.85	20.85	20.86	22.50
		16QAM	1	0	21.00	21.01	20.99	22.50
			1	50	21.12	21.11	21.10	22.50
			1	99	21.10	21.09	21.14	22.50
50			0	21.11	21.07	21.14	22.50	
50			25	21.00	21.01	21.01	22.50	
50			50	21.10	21.08	21.09	22.50	
100			0	21.08	21.11	21.03	22.50	
64QAM		1	0	21.08	21.00	21.05	22.50	
		1	50	21.00	21.00	21.02	22.50	
		1	99	21.10	21.11	21.10	22.50	
		50	0	20.97	21.05	21.04	22.50	
		50	25	21.10	21.10	21.11	22.50	
		50	50	21.05	21.02	20.95	22.50	
		100	0	21.10	21.10	21.10	22.50	
256QAM		1	0	18.66	18.83	18.68	20.50	
		1	50	18.66	18.74	18.73	20.50	
		1	99	18.75	18.93	18.68	20.50	
		50	0	18.82	18.76	18.77	20.50	
		50	25	18.79	18.85	18.75	20.50	
		50	50	18.74	18.93	18.73	20.50	
		100	0	18.70	18.78	18.75	20.50	



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LTE Band 38 DSI 1&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	18.70	18.58	18.69	20.00
		1	13	18.71	18.48	18.56	20.00
		1	24	18.38	18.30	18.33	20.00
		12	0	18.55	18.53	18.59	20.00
		12	6	18.26	18.30	18.17	20.00
		12	13	18.33	18.16	18.22	20.00
		25	0	18.33	18.42	18.52	20.00
	16QAM	1	0	18.66	18.47	18.50	20.00
		1	13	18.12	18.16	18.12	20.00
		1	24	18.66	18.61	18.69	20.00
		12	0	18.38	18.52	18.36	20.00
		12	6	18.41	18.29	18.46	20.00
		12	13	18.54	18.59	18.67	20.00
		25	0	18.58	18.57	18.53	20.00
	64QAM	1	0	18.32	18.37	18.36	20.00
		1	13	18.53	18.54	18.51	20.00
		1	24	18.19	18.35	18.22	20.00
		12	0	18.17	18.23	18.26	20.00
		12	6	18.76	18.66	18.53	20.00
		12	13	18.40	18.29	18.31	20.00
		25	0	18.37	18.33	18.43	20.00
	256QAM	1	0	18.69	18.56	18.56	20.00
		1	13	18.40	18.41	18.49	20.00
		1	24	18.21	18.28	18.38	20.00
		12	0	18.57	18.68	18.56	20.00
		12	6	18.81	18.80	18.79	20.00
		12	13	18.84	18.81	18.81	20.00
		25	0	18.43	18.41	18.48	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	18.66	18.58	18.70	20.00
		1	25	18.59	18.46	18.34	20.00
		1	49	18.45	18.42	18.47	20.00
		25	0	18.40	18.53	18.58	20.00
		25	13	18.51	18.41	18.36	20.00
		25	25	18.25	18.40	18.32	20.00
		50	0	18.43	18.43	18.26	20.00
	16QAM	1	0	18.52	18.61	18.67	20.00
		1	25	18.18	18.21	18.28	20.00
		1	49	18.57	18.68	18.53	20.00
		25	0	18.49	18.43	18.53	20.00
		25	13	18.34	18.38	18.27	20.00
		25	25	18.61	18.51	18.52	20.00
		50	0	18.61	18.68	18.58	20.00
	64QAM	1	0	18.26	18.30	18.32	20.00
		1	25	18.48	18.43	18.52	20.00



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		1	49	18.23	18.39	18.48	20.00	
		25	0	18.42	18.29	18.23	20.00	
		25	13	18.54	18.61	18.60	20.00	
		25	25	18.51	18.40	18.59	20.00	
		50	0	18.39	18.40	18.31	20.00	
	256QAM	1	0	18.49	18.50	18.48	20.00	
		1	25	18.34	18.44	18.53	20.00	
		1	49	18.26	18.22	18.15	20.00	
		25	0	18.65	18.71	18.69	20.00	
		25	13	18.89	18.90	18.75	20.00	
		25	25	18.75	18.88	18.73	20.00	
		50	0	18.44	18.49	18.50	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	18.56	18.64	18.69	20.00	
		1	38	18.60	18.51	18.49	20.00	
		1	74	18.45	18.35	18.44	20.00	
		36	0	18.46	18.45	18.57	20.00	
		36	18	18.33	18.51	18.44	20.00	
		36	39	18.32	18.18	18.13	20.00	
		75	0	18.51	18.38	18.28	20.00	
	16QAM	1	0	18.62	18.63	18.58	20.00	
		1	38	18.35	18.27	18.23	20.00	
		1	74	18.56	18.67	18.72	20.00	
		36	0	18.55	18.57	18.61	20.00	
		36	18	18.36	18.22	18.37	20.00	
		36	39	18.53	18.40	18.45	20.00	
		75	0	18.60	18.59	18.48	20.00	
	64QAM	1	0	18.40	18.31	18.18	20.00	
		1	38	18.60	18.38	18.51	20.00	
		1	74	18.35	18.38	18.32	20.00	
		36	0	18.25	18.25	18.29	20.00	
		36	18	18.53	18.46	18.45	20.00	
		36	39	18.46	18.56	18.62	20.00	
		75	0	18.17	18.38	18.30	20.00	
	256QAM	1	0	18.57	18.53	18.72	20.00	
		1	38	18.59	18.50	18.48	20.00	
		1	74	18.40	18.40	18.34	20.00	
		36	0	18.58	18.63	18.69	20.00	
		36	18	18.74	18.84	18.67	20.00	
		36	39	18.72	18.75	18.65	20.00	
		75	0	18.51	18.60	18.59	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	38000	/	
20MHz	QPSK	1	0	/	18.93	/	20.00	
		1	50	/	18.51	/	20.00	
		1	99	/	18.54	/	20.00	
		50	0	/	18.78	/	20.00	
		50	25	/	18.50	/	20.00	
		50	50	/	18.30	/	20.00	



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	16QAM	100	0	/	18.69	/	20.00
		1	0	/	18.47	/	20.00
		1	50	/	18.41	/	20.00
		1	99	/	18.62	/	20.00
		50	0	/	18.63	/	20.00
		50	25	/	18.24	/	20.00
		50	50	/	18.39	/	20.00
		100	0	/	18.51	/	20.00
	64QAM	1	0	/	18.29	/	20.00
		1	50	/	18.55	/	20.00
		1	99	/	18.45	/	20.00
		50	0	/	18.32	/	20.00
		50	25	/	18.41	/	20.00
		50	50	/	18.46	/	20.00
		100	0	/	18.41	/	20.00
	256QAM	1	0	/	18.53	/	20.00
		1	50	/	18.56	/	20.00
		1	99	/	18.41	/	20.00
		50	0	/	18.58	/	20.00
		50	25	/	18.78	/	20.00
		50	50	/	18.61	/	20.00
		100	0	/	18.46	/	20.00

LTE Band 38 DSI 2&4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	24.20	24.13	24.04	25.50
		1	13	23.98	24.07	24.03	25.50
		1	24	24.06	24.02	24.02	25.50
		12	0	23.38	23.36	23.36	24.50
		12	6	23.43	23.53	23.53	24.50
		12	13	23.29	23.37	23.28	24.50
		25	0	23.45	23.38	23.33	24.50
	16QAM	1	0	23.24	23.25	23.27	24.50
		1	13	23.31	23.23	23.14	24.50
		1	24	23.40	23.39	23.47	24.50
		12	0	22.07	22.06	22.05	23.50
		12	6	22.16	22.11	22.12	23.50
		12	13	22.17	22.27	22.37	23.50
		25	0	21.98	22.08	22.18	23.50
	64QAM	1	0	22.03	22.01	21.93	23.50
		1	13	21.92	21.96	21.91	23.50
		1	24	22.17	22.07	22.17	23.50
		12	0	21.06	21.16	21.25	22.50
		12	6	21.41	21.36	21.37	22.50
		12	13	20.87	20.93	20.89	22.50
		25	0	21.09	21.01	20.99	22.50
	256QAM	1	0	18.99	19.01	19.08	20.50
		1	13	19.04	19.09	19.00	20.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
		1	24	19.29	19.21	19.24	20.50
		12	0	19.01	19.07	18.98	20.50
		12	6	19.04	19.13	19.21	20.50
		12	13	19.02	18.92	18.89	20.50
		25	0	19.28	19.20	19.19	20.50
10MHz	QPSK	1	0	24.21	24.15	24.24	25.50
		1	25	24.21	24.16	24.20	25.50
		1	49	23.89	23.96	23.98	25.50
		25	0	23.47	23.38	23.37	24.50
		25	13	23.41	23.44	23.42	24.50
		25	25	23.42	23.34	23.42	24.50
		50	0	23.37	23.42	23.38	24.50
	16QAM	1	0	23.39	23.31	23.27	24.50
		1	25	23.31	23.33	23.25	24.50
		1	49	23.29	23.30	23.25	24.50
		25	0	22.10	22.01	21.92	23.50
		25	13	21.97	22.02	22.04	23.50
		25	25	22.12	22.17	22.27	23.50
		50	0	22.07	22.15	22.07	23.50
	64QAM	1	0	22.15	22.11	22.08	23.50
		1	25	21.99	21.98	22.04	23.50
		1	49	22.08	22.17	22.08	23.50
		25	0	21.16	21.20	21.29	22.50
		25	13	21.36	21.30	21.25	22.50
		25	25	20.95	21.01	20.98	22.50
		50	0	21.19	21.10	21.14	22.50
	256QAM	1	0	18.97	18.98	18.93	20.50
		1	25	19.00	19.10	19.02	20.50
		1	49	19.26	19.22	19.23	20.50
		25	0	19.08	19.14	19.10	20.50
		25	13	19.19	19.09	19.17	20.50
		25	25	19.09	19.02	19.07	20.50
		50	0	19.24	19.20	19.15	20.50
15MHz	QPSK	1	0	24.20	24.10	24.06	25.50
		1	38	24.20	24.13	24.11	25.50
		1	74	23.94	23.89	23.96	25.50
		36	0	23.51	23.43	23.39	24.50
		36	18	23.44	23.37	23.40	24.50
		36	39	23.42	23.40	23.40	24.50
		75	0	23.46	23.41	23.44	24.50
	16QAM	1	0	23.38	23.29	23.36	24.50
		1	38	23.35	23.31	23.34	24.50
		1	74	23.23	23.20	23.17	24.50
		36	0	22.20	22.11	22.21	23.50
		36	18	21.88	21.96	21.96	23.50
		36	39	22.18	22.19	22.21	23.50



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	64QAM	75	0	22.13	22.10	22.09	23.50
		1	0	22.13	22.16	22.24	23.50
		1	38	22.04	22.07	22.05	23.50
		1	74	22.14	22.22	22.27	23.50
		36	0	21.08	21.10	21.03	22.50
		36	18	21.28	21.23	21.28	22.50
		36	39	21.15	21.05	21.01	22.50
		75	0	21.07	21.03	21.11	22.50
	256QAM	1	0	19.06	19.07	19.16	20.50
		1	38	19.16	19.09	19.05	20.50
		1	74	19.22	19.14	19.05	20.50
		36	0	19.22	19.18	19.13	20.50
		36	18	19.06	19.01	19.08	20.50
		36	39	19.04	19.01	18.95	20.50
75		0	19.29	19.19	19.15	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	24.39	/	25.50
		1	50	/	24.07	/	25.50
		1	99	/	23.92	/	25.50
		50	0	/	23.58	/	24.50
		50	25	/	23.36	/	24.50
		50	50	/	23.30	/	24.50
		100	0	/	23.51	/	24.50
	16QAM	1	0	/	23.25	/	24.50
		1	50	/	23.41	/	24.50
		1	99	/	23.11	/	24.50
		50	0	/	22.03	/	23.50
		50	25	/	22.02	/	23.50
		50	50	/	22.20	/	23.50
		100	0	/	22.06	/	23.50
	64QAM	1	0	/	22.23	/	23.50
		1	50	/	22.17	/	23.50
		1	99	/	22.24	/	23.50
		50	0	/	21.17	/	22.50
		50	25	/	21.23	/	22.50
		50	50	/	21.14	/	22.50
		100	0	/	20.99	/	22.50
	256QAM	1	0	/	19.10	/	20.50
		1	50	/	19.10	/	20.50
		1	99	/	19.05	/	20.50
		50	0	/	19.12	/	20.50
		50	25	/	18.98	/	20.50
		50	50	/	19.06	/	20.50
		100	0	/	19.14	/	20.50



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LTE Band 38 DSI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.38	21.29	21.37	22.50
		1	13	21.05	21.10	21.00	22.50
		1	24	21.16	21.09	21.17	22.50
		12	0	21.48	21.39	21.42	22.50
		12	6	20.74	20.84	20.82	22.50
		12	13	21.03	21.08	21.15	22.50
		25	0	20.81	20.79	20.70	22.50
	16QAM	1	0	20.89	20.92	20.92	22.50
		1	13	20.90	20.82	20.89	22.50
		1	24	21.08	21.08	21.18	22.50
		12	0	21.10	21.09	21.10	22.50
		12	6	21.11	21.04	21.09	22.50
		12	13	21.01	20.99	21.01	22.50
		25	0	21.00	20.95	20.98	22.50
	64QAM	1	0	20.76	20.83	20.80	22.50
		1	13	20.78	20.88	20.82	22.50
		1	24	20.85	20.81	20.80	22.50
		12	0	20.63	20.66	20.59	22.50
		12	6	21.14	21.13	21.06	22.50
		12	13	20.93	20.93	20.96	22.50
		25	0	21.01	20.94	21.03	22.50
	256QAM	1	0	19.21	19.13	19.06	20.50
		1	13	19.16	19.22	19.13	20.50
		1	24	19.17	19.08	19.03	20.50
		12	0	19.10	19.06	19.10	20.50
		12	6	19.06	19.07	19.15	20.50
		12	13	19.17	19.14	19.09	20.50
		25	0	19.20	19.28	19.37	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	21.21	21.29	21.31	22.50
		1	25	21.18	21.09	21.15	22.50
		1	49	21.06	21.09	21.03	22.50
		25	0	21.29	21.37	21.39	22.50
		25	13	20.99	20.92	20.83	22.50
		25	25	21.01	20.99	20.96	22.50
		50	0	20.91	20.86	20.91	22.50
	16QAM	1	0	20.93	21.01	21.11	22.50
		1	25	20.84	20.84	20.90	22.50
		1	49	20.92	20.99	20.94	22.50
		25	0	20.91	21.00	20.94	22.50
		25	13	20.96	21.00	21.02	22.50
		25	25	21.13	21.03	20.97	22.50
		50	0	20.84	20.87	20.94	22.50
	64QAM	1	0	20.81	20.73	20.64	22.50
		1	25	20.90	20.84	20.92	22.50



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		1	49	20.83	20.82	20.73	22.50	
		25	0	20.64	20.69	20.66	22.50	
		25	13	21.09	21.14	21.24	22.50	
		25	25	21.01	20.97	21.05	22.50	
		50	0	20.91	20.85	20.75	22.50	
	256QAM	1	0	19.14	19.06	19.12	20.50	
		1	25	19.09	19.18	19.14	20.50	
		1	49	19.06	19.02	18.95	20.50	
		25	0	18.96	19.03	18.95	20.50	
		25	13	19.14	19.12	19.11	20.50	
		25	25	19.12	19.15	19.20	20.50	
		50	0	19.22	19.24	19.20	20.50	
		50	0	19.22	19.24	19.20	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	21.32	21.25	21.19	22.50	
		1	38	21.06	21.04	21.03	22.50	
		1	74	20.94	21.01	21.01	22.50	
		36	0	21.31	21.31	21.33	22.50	
		36	18	20.97	20.95	20.92	22.50	
		36	39	20.86	20.95	20.87	22.50	
		75	0	20.86	20.76	20.86	22.50	
	16QAM	1	0	21.04	20.98	21.02	22.50	
		1	38	20.75	20.84	20.94	22.50	
		1	74	21.02	21.03	21.11	22.50	
		36	0	21.03	21.08	20.98	22.50	
		36	18	21.10	21.05	20.98	22.50	
		36	39	21.00	21.03	21.05	22.50	
		75	0	20.87	20.83	20.85	22.50	
	64QAM	1	0	20.74	20.75	20.79	22.50	
		1	38	20.99	20.91	21.00	22.50	
		1	74	20.68	20.74	20.71	22.50	
		36	0	20.88	20.78	20.88	22.50	
		36	18	21.16	21.11	21.02	22.50	
		36	39	20.98	20.90	20.81	22.50	
		75	0	20.94	20.94	20.88	22.50	
	256QAM	1	0	19.23	19.14	19.05	20.50	
		1	38	19.15	19.12	19.11	20.50	
		1	74	19.09	19.02	19.05	20.50	
		36	0	19.02	19.11	19.08	20.50	
		36	18	19.06	19.14	19.23	20.50	
		36	39	19.08	19.10	19.00	20.50	
		75	0	19.17	19.26	19.23	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	38000	/	
20MHz	QPSK	1	0	/	21.32	/	22.50	
		1	50	/	20.98	/	22.50	
		1	99	/	21.11	/	22.50	
		50	0	/	21.21	/	22.50	
		50	25	/	20.99	/	22.50	
		50	50	/	20.87	/	22.50	



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	16QAM	100	0	/	20.83	/	22.50
		1	0	/	20.92	/	22.50
		1	50	/	20.92	/	22.50
		1	99	/	20.93	/	22.50
		50	0	/	21.04	/	22.50
		50	25	/	21.02	/	22.50
		50	50	/	21.09	/	22.50
		100	0	/	20.86	/	22.50
	64QAM	1	0	/	20.84	/	22.50
		1	50	/	20.97	/	22.50
		1	99	/	20.82	/	22.50
		50	0	/	20.87	/	22.50
		50	25	/	21.15	/	22.50
		50	50	/	20.84	/	22.50
	256QAM	100	0	/	20.89	/	22.50
		1	0	/	19.08	/	20.50
		1	50	/	19.14	/	20.50
		1	99	/	19.07	/	20.50
		50	0	/	19.17	/	20.50
		50	25	/	19.07	/	20.50
		50	50	/	19.10	/	20.50
		100	0	/	19.18	/	20.50

LTE Band 41(2496~2690) DSI 1&5				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	18.44	18.53	18.7	18.45	18.65	20.00
		1	13	18.54	18.29	18.62	18.27	18.48	20.00
		1	24	18.26	18.38	18.53	18.25	18.25	20.00
		12	0	18.53	18.37	18.56	18.59	18.83	20.00
		12	6	18.26	18.51	18.54	18.58	18.16	20.00
		12	13	18.21	18.4	18.34	18.26	18.39	20.00
		25	0	18.26	18.57	18.41	18.51	18.63	20.00
	16QAM	1	0	18.51	18.21	18.5	18.45	18.22	20.00
		1	13	18.42	18.31	18.43	18.44	18.14	20.00
		1	24	18.52	18.47	18.49	18.49	18.69	20.00
		12	0	18.3	18.65	18.31	18.57	18.25	20.00
		12	6	18.53	18.37	18.4	18.27	18.33	20.00
		12	13	18.46	18.53	18.32	18.64	18.64	20.00
		25	0	18.09	18.67	18.8	18.43	18.32	20.00
	64QAM	1	0	18.51	18.31	18.56	18.49	18.15	20.00
		1	13	18.45	18.42	18.55	18.48	18.81	20.00
		1	24	18.44	18.44	18.49	18.30	18.56	20.00
		12	0	18.26	18.45	18.66	18.59	18.15	20.00
		12	6	18.66	18.42	18.45	18.34	18.52	20.00
		12	13	18.30	18.44	18.45	18.43	18.30	20.00
		25	0	18.12	18.41	18.35	18.40	18.44	20.00
	256QAM	1	0	18.69	18.72	18.85	18.49	18.72	20.00
		1	13	18.64	18.58	18.58	18.55	18.54	20.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39700	40160	40620	41080	41540		
10MHz	QPSK	1	24	18.57	18.44	18.65	18.59	18.28	20.00	
		12	0	18.45	18.38	18.71	18.60	18.87	20.00	
		12	6	18.38	18.46	18.77	18.80	18.67	20.00	
		12	13	18.53	18.76	18.50	18.48	18.73	20.00	
		25	0	18.43	18.30	18.30	18.29	18.31	20.00	
	16QAM	QPSK	1	0	18.46	18.57	18.64	18.48	18.43	20.00
			1	25	18.53	18.34	18.63	18.4	18.34	20.00
			1	49	18.36	18.28	18.52	18.26	18.39	20.00
			25	0	18.56	18.38	18.65	18.43	18.66	20.00
			25	13	18.22	18.51	18.57	18.38	18.22	20.00
			25	25	18.11	18.26	18.47	18.3	18.26	20.00
		16QAM	1	0	18.41	18.31	18.53	18.51	18.19	20.00
			1	25	18.5	18.49	18.66	18.34	18.13	20.00
			1	49	18.5	18.47	18.4	18.4	18.5	20.00
			25	0	18.26	18.61	18.43	18.57	18.1	20.00
			25	13	18.46	18.24	18.42	18.27	18.41	20.00
			25	25	18.38	18.39	18.5	18.55	18.58	20.00
	64QAM	50	0	18.09	18.52	18.64	18.37	18.47	20.00	
		1	0	18.59	18.46	18.41	18.39	18.25	20.00	
		1	25	18.33	18.32	18.52	18.33	18.71	20.00	
		1	49	18.34	18.35	18.47	18.30	18.48	20.00	
		25	0	18.15	18.45	18.73	18.43	18.29	20.00	
		25	13	18.55	18.50	18.53	18.39	18.53	20.00	
		25	25	18.42	18.37	18.48	18.59	18.31	20.00	
	256QAM	50	0	18.18	18.35	18.39	18.38	18.37	20.00	
1		0	18.71	18.84	18.76	18.58	18.64	20.00		
1		25	18.57	18.33	18.55	18.50	18.58	20.00		
1		49	18.80	18.53	18.61	18.54	18.27	20.00		
25		0	18.48	18.34	18.79	18.46	18.81	20.00		
25		13	18.39	18.56	18.69	18.80	18.66	20.00		
25		25	18.53	18.71	18.58	18.55	18.68	20.00		
50	0	18.29	18.32	18.44	18.44	18.35	20.00			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	QPSK	1	0	18.47	18.69	18.67	18.47	18.66	20.00	
		1	38	18.43	18.38	18.62	18.49	18.41	20.00	
		1	74	18.39	18.28	18.51	18.27	18.35	20.00	
		36	0	18.65	18.53	18.67	18.58	18.79	20.00	
		36	18	18.16	18.63	18.6	18.5	18.26	20.00	
		36	39	18.25	18.3	18.44	18.31	18.34	20.00	
		75	0	18.41	18.55	18.52	18.41	18.52	20.00	
	16QAM	1	0	18.5	18.34	18.58	18.53	18.34	20.00	
		1	38	18.5	18.36	18.63	18.45	18.32	20.00	
		1	74	18.41	18.51	18.42	18.42	18.57	20.00	
		36	0	18.14	18.57	18.44	18.6	18.24	20.00	
		36	18	18.52	18.19	18.54	18.24	18.4	20.00	
		36	39	18.39	18.47	18.42	18.46	18.56	20.00	



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	64QAM	75	0	18.21	18.5	18.69	18.29	18.28	20.00
		1	0	18.49	18.42	18.41	18.37	18.13	20.00
		1	38	18.43	18.29	18.45	18.55	18.71	20.00
		1	74	18.26	18.31	18.64	18.49	18.41	20.00
		36	0	18.18	18.46	18.51	18.54	18.24	20.00
		36	18	18.52	18.50	18.71	18.36	18.63	20.00
		36	39	18.35	18.34	18.57	18.52	18.35	20.00
		75	0	18.22	18.50	18.35	18.45	18.40	20.00
	256QAM	1	0	18.57	18.65	18.78	18.50	18.59	20.00
		1	38	18.53	18.45	18.42	18.40	18.52	20.00
		1	74	18.57	18.54	18.64	18.49	18.23	20.00
		36	0	18.58	18.40	18.78	18.55	18.75	20.00
		36	18	18.42	18.64	18.75	18.80	18.83	20.00
		36	39	18.50	18.70	18.68	18.72	18.65	20.00
75	0	18.46	18.42	18.50	18.40	18.35	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.79	18.76	18.91	18.74	18.89	20.00
		1	50	18.5	18.45	18.63	18.5	18.38	20.00
		1	99	18.53	18.31	18.37	18.33	18.3	20.00
		50	0	18.68	18.57	18.81	18.64	18.74	20.00
		50	25	18.18	18.51	18.68	18.5	18.29	20.00
		50	50	18.23	18.32	18.49	18.34	18.27	20.00
		100	0	18.43	18.55	18.73	18.57	18.66	20.00
	16QAM	1	0	18.37	18.51	18.68	18.46	18.41	20.00
		1	50	18.43	18.46	18.54	18.34	18.29	20.00
		1	99	18.49	18.37	18.49	18.46	18.54	20.00
		50	0	18.27	18.51	18.56	18.46	18.41	20.00
		50	25	18.47	18.2	18.48	18.3	18.37	20.00
		50	50	18.5	18.43	18.6	18.4	18.5	20.00
		100	0	18.25	18.43	18.49	18.38	18.43	20.00
	64QAM	1	0	18.44	18.38	18.48	18.35	18.32	20.00
		1	50	18.52	18.43	18.44	18.44	18.72	20.00
		1	99	18.26	18.47	18.55	18.43	18.49	20.00
		50	0	18.23	18.33	18.54	18.35	18.20	20.00
		50	25	18.42	18.41	18.65	18.45	18.64	20.00
		50	50	18.28	18.36	18.58	18.54	18.43	20.00
		100	0	18.41	18.40	18.32	18.25	18.24	20.00
	256QAM	1	0	18.68	18.63	18.76	18.54	18.63	20.00
		1	50	18.46	18.52	18.53	18.43	18.59	20.00
		1	99	18.47	18.41	18.71	18.47	18.42	20.00
		50	0	18.63	18.51	18.65	18.47	18.81	20.00
		50	25	18.65	18.64	18.75	18.66	18.66	20.00
		50	50	18.40	18.60	18.76	18.67	18.64	20.00
		100	0	18.53	18.47	18.55	18.34	18.42	20.00



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LTE Band 41(2496~2690) DSI 2&4				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	24.07	24.05	23.91	24.11	24.18	25.50
		1	13	23.75	23.74	24.11	23.76	24.03	25.50
		1	24	23.58	23.73	23.91	23.63	23.58	25.50
		12	0	23.45	23.15	23.4	23.28	23.25	24.50
		12	6	23.37	23.28	23.2	23.02	23.26	24.50
		12	13	23.18	23.25	23.43	23.27	23.11	24.50
		25	0	23.16	23.19	23.22	23.04	23.31	24.50
	16QAM	1	0	23.17	23.25	23.53	23.14	23.38	24.50
		1	13	23.21	23.37	23.6	23.35	23.02	24.50
		1	24	23.09	23.04	23.22	23.32	23.32	24.50
		12	0	21.91	21.83	22.11	22.03	21.87	23.50
		12	6	22.04	21.82	22.12	21.68	21.85	23.50
		12	13	21.74	21.96	22.06	22.1	21.95	23.50
		25	0	21.99	22.22	22.17	21.89	22.14	23.50
	64QAM	1	0	22.35	22.22	22.35	22.11	22.04	23.50
		1	13	22.04	22.11	22.09	22.13	22.01	23.50
		1	24	22.11	21.94	22.28	22.07	22.21	23.50
		12	0	21.08	21.16	21.11	20.96	21.08	22.50
		12	6	21.08	21.17	21.25	21.32	21.09	22.50
		12	13	21.22	20.97	21.11	21.12	21.03	22.50
		25	0	21.11	21.15	21.21	21.02	20.90	22.50
	256QAM	1	0	18.85	19.04	19.14	18.95	18.86	20.50
		1	13	18.86	19.04	19.13	18.97	19.11	20.50
		1	24	19.06	19.13	19.09	18.97	19.03	20.50
		12	0	19.00	19.06	19.06	19.09	18.82	20.50
		12	6	19.01	18.91	19.10	18.78	18.98	20.50
		12	13	18.88	18.93	19.03	18.82	18.85	20.50
		25	0	18.97	18.86	19.15	19.11	18.80	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	24.15	24.06	23.98	24.19	24.11	25.50
		1	25	23.81	23.8	24.09	23.81	24.06	25.50
		1	49	23.66	23.72	23.96	23.72	23.68	25.50
		25	0	23.36	23.18	23.4	23.31	23.34	24.50
		25	13	23.29	23.3	23.19	23.07	23.23	24.50
		25	25	23.21	23.31	23.35	23.3	23.06	24.50
		50	0	23.25	23.19	23.21	23.11	23.25	24.50
	16QAM	1	0	23.21	23.25	23.45	23.17	23.4	24.50
		1	25	23.28	23.32	23.51	23.31	22.99	24.50
		1	49	23.1	23.07	23.15	23.22	23.23	24.50
		25	0	21.89	21.9	22.06	21.98	21.92	23.50
		25	13	22.13	21.91	22.05	21.76	21.77	23.50
		25	25	21.84	22.03	22.04	22.15	21.98	23.50
		50	0	22.01	22.13	22.25	21.97	22.18	23.50
	64QAM	1	0	22.30	22.30	22.31	22.14	22.01	23.50
		1	25	22.12	22.09	22.18	22.07	22.06	23.50



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		1	49	22.14	21.99	22.36	22.08	22.17	23.50
		25	0	21.05	21.21	21.07	20.88	21.10	22.50
		25	13	21.14	21.18	21.22	21.24	21.08	22.50
		25	25	21.12	20.97	21.03	21.13	21.13	22.50
		50	0	21.03	21.20	21.17	21.10	20.87	22.50
	256QAM	1	0	18.91	18.98	19.09	19.00	18.84	20.50
		1	25	18.91	19.00	19.05	19.01	19.07	20.50
		1	49	19.06	19.05	19.11	18.90	19.07	20.50
		25	0	19.04	19.08	19.15	19.07	18.91	20.50
		25	13	19.00	18.88	19.05	18.83	18.96	20.50
		25	25	18.78	18.88	19.10	18.90	18.86	20.50
		50	0	18.94	18.89	19.15	19.09	18.90	20.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				39725	40173	40620	41068	41515	
<b>15MHz</b>	QPSK	1	0	24.06	23.99	24.07	24.11	24.08	25.50
		1	38	23.91	23.84	24.03	23.87	23.99	25.50
		1	74	23.74	23.76	23.94	23.73	23.76	25.50
		36	0	23.35	23.22	23.42	23.31	23.44	24.50
		36	18	23.22	23.26	23.19	23.11	23.23	24.50
		36	39	23.25	23.24	23.33	23.28	23.16	24.50
		75	0	23.19	23.14	23.31	23.16	23.32	24.50
	16QAM	1	0	23.18	23.15	23.4	23.16	23.35	24.50
		1	38	23.21	23.25	23.44	23.35	23.09	24.50
		1	74	23.04	23.09	23.07	23.13	23.21	24.50
		36	0	21.98	21.99	22.04	21.94	21.97	23.50
		36	18	22.09	22	21.99	21.79	21.82	23.50
		36	39	21.89	22	22.11	22.13	21.94	23.50
		75	0	21.92	22.16	22.27	21.96	22.17	23.50
	64QAM	1	0	22.23	22.25	22.25	22.10	22.11	23.50
		1	38	22.14	22.02	22.16	22.09	22.12	23.50
		1	74	22.12	22.07	22.29	22.11	22.11	23.50
		36	0	21.00	21.12	21.14	20.95	21.11	22.50
		36	18	21.05	21.23	21.30	21.16	21.14	22.50
		36	39	21.11	21.01	21.12	21.10	21.11	22.50
		75	0	21.03	21.11	21.18	21.04	20.83	22.50
	256QAM	1	0	19.01	19.00	19.17	19.03	18.87	20.50
		1	38	18.93	19.07	19.14	19.07	19.14	20.50
		1	74	19.16	19.04	19.18	18.87	19.06	20.50
		36	0	19.01	19.12	19.10	19.02	18.87	20.50
		36	18	18.90	18.90	18.95	18.88	18.92	20.50
		36	39	18.83	18.95	19.04	18.82	18.94	20.50
		75	0	18.94	18.98	19.05	19.04	18.92	20.50
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
				39750	40185	40620	41055	41490	
<b>20MHz</b>	QPSK	1	0	24.16	24.09	24.35	24.12	24.16	25.50
		1	50	23.9	23.91	24.01	23.87	23.95	25.50
		1	99	23.81	23.77	23.89	23.82	23.78	25.50
		50	0	23.32	23.38	23.59	23.38	23.41	24.50
		50	25	23.32	23.19	23.27	23.14	23.15	24.50
		50	50	23.26	23.21	23.34	23.26	23.25	24.50



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	16QAM	100	0	23.16	23.23	23.45	23.21	23.33	24.50
		1	0	23.21	23.23	23.32	23.22	23.28	24.50
		1	50	23.19	23.24	23.37	23.25	23.18	24.50
		1	99	23.03	23.08	23.15	23.07	23.11	24.50
		50	0	22.04	21.94	22.04	21.91	21.95	23.50
		50	25	21.99	21.91	22	21.87	21.92	23.50
		50	50	21.91	22.05	22.12	22.05	21.94	23.50
		100	0	21.89	22.1	22.17	22.05	22.1	23.50
	64QAM	1	0	22.20	22.15	22.29	22.18	22.14	23.50
		1	50	22.07	21.96	22.11	21.99	22.09	23.50
		1	99	22.11	22.12	22.19	22.08	22.20	23.50
		50	0	21.09	21.04	21.14	21.05	21.11	22.50
		50	25	21.14	21.21	21.28	21.14	21.06	22.50
		50	50	21.17	21.03	21.12	21.03	21.05	22.50
	256QAM	100	0	20.94	21.01	21.11	21.03	20.86	22.50
		1	0	19.08	19.07	19.13	19.02	18.95	20.50
		1	50	18.99	19.03	19.12	19.01	19.09	20.50
		1	99	19.12	18.95	19.09	18.95	19.03	20.50
		50	0	19.04	19.02	19.12	18.97	18.92	20.50
		50	25	19.00	18.86	18.95	18.83	18.91	20.50
		50	50	18.79	18.95	19.03	18.91	18.97	20.50
	100	0	19.01	19.03	19.12	19.02	18.99	20.50	

LTE Band 41(2496~2690) DSI 3				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	21.14	21.12	21.21	21.09	21.25	22.50
		1	13	21.11	21.03	21.02	20.96	20.91	22.50
		1	24	20.79	21.02	20.91	21.08	20.88	22.50
		12	0	21.06	21.15	21.09	21.11	20.96	22.50
		12	6	21.08	21.13	20.76	20.97	20.85	22.50
		12	13	21	20.51	20.72	20.73	20.77	22.50
		25	0	20.79	20.79	20.91	20.69	20.57	22.50
	16QAM	1	0	20.97	21.07	21.07	20.93	20.89	22.50
		1	13	21.05	20.5	20.88	20.8	21	22.50
		1	24	20.86	20.82	20.93	20.89	20.83	22.50
		12	0	20.89	20.93	21.11	20.81	21.04	22.50
		12	6	20.69	20.98	21.07	21.07	20.87	22.50
		12	13	20.9	20.93	21.32	21.22	20.81	22.50
		25	0	20.86	20.81	20.88	20.84	20.98	22.50
	64QAM	1	0	20.98	20.90	20.89	20.69	20.51	22.50
		1	13	20.80	20.95	20.93	20.80	20.88	22.50
		1	24	20.77	20.65	20.87	20.74	20.70	22.50
		12	0	20.62	21.00	21.07	20.93	20.83	22.50
		12	6	20.97	20.98	21.10	21.07	20.91	22.50
		12	13	20.96	20.74	20.82	20.75	21.06	22.50
		25	0	20.68	20.77	20.79	20.87	20.90	22.50
	256QAM	1	0	19.00	19.12	18.93	18.82	18.79	20.50
		1	13	18.95	19.03	19.47	19.40	19.03	20.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39700	40160	40620	41080	41540		
10MHz	QPSK	1	24	19.26	18.89	19.28	18.85	18.90	20.50	
		12	0	19.14	19.23	19.14	19.04	19.07	20.50	
		12	6	19.26	19.00	19.08	18.98	19.05	20.50	
		12	13	18.89	18.85	19.10	18.84	18.91	20.50	
		25	0	18.93	19.10	19.43	19.13	18.99	20.50	
	16QAM	QPSK	1	0	21.13	21.1	21.29	21.07	21.25	22.50
			1	25	21.01	20.95	21.01	21.06	20.98	22.50
			1	49	20.77	21.1	21	20.99	20.78	22.50
			25	0	21.11	21.09	21.14	21.07	20.92	22.50
			25	13	21.08	21.11	20.85	21.07	20.93	22.50
			25	25	21.01	20.6	20.74	20.73	20.77	22.50
		16QAM	1	0	20.94	21.06	21.02	20.83	20.94	22.50
			1	25	21.01	20.6	20.86	20.85	20.91	22.50
			1	49	20.79	20.79	20.87	20.86	20.86	22.50
			25	0	20.87	20.86	21.06	20.84	21.04	22.50
			25	13	20.64	21.02	21.08	21.17	20.88	22.50
			25	25	20.96	20.99	21.22	21.13	20.86	22.50
	64QAM	50	0	20.89	20.84	20.97	20.87	20.92	22.50	
		1	0	20.91	20.84	20.85	20.68	20.61	22.50	
		1	25	20.74	21.01	20.94	20.87	20.89	22.50	
		1	49	20.70	20.63	20.78	20.73	20.80	22.50	
		25	0	20.69	20.90	21.03	20.91	20.76	22.50	
		25	13	21.07	21.05	21.04	21.01	21.01	22.50	
	256QAM	25	25	20.88	20.79	20.83	20.84	21.12	22.50	
		50	0	20.69	20.80	20.80	20.88	20.91	22.50	
1		0	19.06	19.05	19.02	18.80	18.88	20.50		
1		25	19.02	19.06	19.39	19.30	19.13	20.50		
1		49	19.22	18.98	19.25	18.93	18.94	20.50		
25		0	19.24	19.16	19.21	19.08	19.13	20.50		
25		13	19.16	19.08	19.10	18.95	18.97	20.50		
15MHz	QPSK	25	25	18.94	18.82	19.15	18.87	18.97	20.50	
		50	0	19.00	19.17	19.36	19.13	19.02	20.50	
		1	0	21.21	21.11	21.23	21.16	21.17	22.50	
		1	38	20.93	20.94	21.06	21.02	20.97	22.50	
		1	74	20.85	21.12	20.99	21.03	20.71	22.50	
		36	0	21.05	21.06	21.14	21.04	21	22.50	
		36	18	21.17	21.01	20.95	21.05	21.02	22.50	
	16QAM	36	39	20.91	20.68	20.81	20.67	20.67	22.50	
		75	0	20.69	20.75	20.91	20.75	20.65	22.50	
		1	0	20.84	20.98	20.94	20.82	20.87	22.50	
		1	38	20.98	20.7	20.9	20.82	20.84	22.50	
		1	74	20.73	20.82	20.84	20.83	20.84	22.50	
		36	0	20.96	20.87	21.06	20.87	21.01	22.50	
	16QAM	36	18	20.72	20.92	21.15	21.1	20.94	22.50	
		36	39	20.88	21.01	21.23	21.09	20.93	22.50	



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	64QAM	75	0	20.83	20.9	20.98	20.78	20.88	22.50
		1	0	20.92	20.86	20.88	20.77	20.60	22.50
		1	38	20.79	20.97	21.04	20.96	20.85	22.50
		1	74	20.76	20.55	20.77	20.75	20.70	22.50
		36	0	20.74	20.89	21.00	20.87	20.69	22.50
		36	18	21.00	21.07	21.03	20.96	20.93	22.50
		36	39	20.81	20.81	20.89	20.80	21.03	22.50
		75	0	20.60	20.71	20.80	20.93	20.84	22.50
	256QAM	1	0	19.06	18.95	19.03	18.84	18.93	20.50
		1	38	19.06	19.06	19.29	19.21	19.20	20.50
		1	74	19.18	19.03	19.15	19.03	19.00	20.50
		36	0	19.17	19.06	19.21	19.09	19.04	20.50
		36	18	19.14	19.05	19.18	19.03	19.06	20.50
		36	39	18.88	18.87	19.11	18.88	18.99	20.50
75	0	19.08	19.15	19.26	19.08	19.04	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.19	21.27	21.43	21.24	21.1	22.50
		1	50	20.97	20.92	21.07	21.05	20.96	22.50
		1	99	20.88	21.02	21.09	21.02	20.69	22.50
		50	0	21.1	21.08	21.37	21.03	21.09	22.50
		50	25	21.09	20.92	21.04	20.96	20.94	22.50
		50	50	20.84	20.7	20.82	20.76	20.62	22.50
		100	0	20.74	20.69	21.05	20.68	20.61	22.50
	16QAM	1	0	20.74	20.89	21.01	20.89	20.78	22.50
		1	50	20.88	20.79	20.92	20.81	20.82	22.50
		1	99	20.82	20.84	20.9	20.77	20.79	22.50
		50	0	20.98	20.91	20.99	20.89	20.91	22.50
		50	25	20.81	20.95	21.08	21	20.91	22.50
		50	50	20.93	21.09	21.17	21.09	20.98	22.50
		100	0	20.88	20.85	20.94	20.83	20.84	22.50
	64QAM	1	0	20.90	20.83	20.93	20.86	20.70	22.50
		1	50	20.85	20.89	21.02	20.88	20.78	22.50
		1	99	20.73	20.65	20.79	20.71	20.77	22.50
		50	0	20.84	20.81	20.95	20.82	20.66	22.50
		50	25	20.97	21.06	21.13	21.02	21.03	22.50
		50	50	20.87	20.78	20.91	20.80	20.94	22.50
		100	0	20.64	20.76	20.90	20.83	20.87	22.50
	256QAM	1	0	19.10	18.99	19.06	18.94	19.02	20.50
		1	50	19.08	19.15	19.22	19.13	19.20	20.50
		1	99	19.09	18.95	19.07	18.94	19.09	20.50
		50	0	19.16	19.07	19.17	19.06	18.99	20.50
		50	25	19.08	19.01	19.13	19.07	19.13	20.50
		50	50	18.94	18.95	19.10	18.96	19.02	20.50
		100	0	19.13	19.19	19.25	19.14	19.05	20.50



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## 1.4 Conducted Power of Legacy (Ant3)

GSM 1900 DSI 1&2&3&4&5										
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	29.07	29.18	29.23	31.00	-9.19	19.88	19.99	20.04	21.81
GPRS (GMSK)	1 TX Slot	29.17	29.20	29.19	31.00	-9.19	19.98	20.01	20.00	21.81
	2 TX Slots	27.02	27.07	27.04	28.50	-6.18	20.74	20.79	20.76	22.32
	3 TX Slots	24.86	24.88	24.90	26.50	-4.42	20.44	20.46	20.48	22.08
	4 TX Slots	23.59	23.57	23.45	24.50	-3.17	20.42	20.40	20.28	21.33
EGPRS (GMSK)	1 TX Slot	29.24	29.20	29.18	31.00	-9.19	20.05	20.01	19.99	21.81
	2 TX Slots	26.85	27.07	26.93	28.50	-6.18	20.67	20.89	20.75	22.32
	3 TX Slots	24.82	24.86	24.84	26.50	-4.42	20.40	20.44	20.42	22.08
	4 TX Slots	23.63	23.62	23.38	24.50	-3.17	20.46	20.45	20.21	21.33
EGPRS (8PSK)	1 TX Slot	25.86	25.89	25.83	27.00	-9.19	16.67	16.70	16.64	17.81
	2 TX Slots	22.75	22.77	22.64	24.00	-6.18	16.57	16.59	16.46	17.82
	3 TX Slots	20.56	20.58	20.57	22.20	-4.42	16.14	16.16	16.15	17.78
	4 TX Slots	19.30	19.38	19.31	21.00	-3.17	16.13	16.21	16.14	17.83

LTE Band 2 DSI 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.11	19.06	19.06	20.00
		1	2	19.13	19.19	19.08	20.00
		1	5	19.12	19.17	19.10	20.00
		3	0	19.21	19.12	19.10	20.00
		3	2	19.16	19.03	19.16	20.00
		3	3	19.23	19.16	19.23	20.00
		6	0	19.16	19.07	19.10	20.00
	16QAM	1	0	19.22	19.04	19.23	20.00
		1	2	19.12	19.23	19.09	20.00
		1	5	19.04	19.11	19.04	20.00
		3	0	19.05	19.10	19.16	20.00
		3	2	19.08	19.21	19.08	20.00
		3	3	19.16	19.23	19.13	20.00
		6	0	19.09	19.21	19.25	20.00
	64QAM	1	0	19.20	19.23	19.09	20.00
		1	2	19.07	19.07	19.14	20.00
		1	5	19.07	19.06	19.08	20.00
		3	0	18.13	18.05	18.09	20.00
		3	2	18.08	18.03	18.04	20.00
		3	3	18.19	18.16	18.13	20.00
		6	0	18.04	18.03	18.20	19.00
	256QAM	1	0	16.09	16.11	16.06	17.00
		1	2	16.22	16.11	16.18	17.00
		1	5	16.07	16.12	16.14	17.00
		3	0	16.18	16.22	16.08	17.00
		3	2	16.14	16.07	16.12	17.00
		3	3	16.12	16.15	16.23	17.00
		6	0	16.11	16.13	16.17	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	18615	18900	19185	20.00
				19.11	19.06	19.06	



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		1	7	19.13	19.19	19.08	20.00
		1	14	19.12	19.17	19.10	20.00
		8	0	19.21	19.12	19.10	20.00
		8	4	19.16	19.03	19.16	20.00
		8	7	19.23	19.16	19.23	20.00
		15	0	19.16	19.07	19.10	20.00
	16QAM	1	0	19.22	19.04	19.23	20.00
		1	7	19.12	19.23	19.09	20.00
		1	14	19.04	19.11	19.04	20.00
		8	0	19.05	19.10	19.16	20.00
		8	4	19.08	19.21	19.08	20.00
		8	7	19.16	19.23	19.13	20.00
	64QAM	15	0	19.09	19.21	19.25	20.00
		1	0	19.20	19.23	19.09	20.00
		1	7	19.07	19.07	19.14	20.00
		1	14	19.07	19.06	19.08	20.00
		8	0	18.13	18.05	18.09	19.00
		8	4	18.08	18.03	18.04	19.00
	256QAM	8	7	18.19	18.16	18.13	19.00
		15	0	18.04	18.03	18.20	19.00
		1	0	16.09	16.11	16.06	17.00
1		7	16.22	16.11	16.18	17.00	
1		14	16.07	16.12	16.14	17.00	
8		0	16.18	16.22	16.08	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	19.19	19.14	19.19	20.00
		1	13	19.23	19.20	19.08	20.00
		1	24	19.13	19.23	19.06	20.00
		12	0	19.20	19.21	19.21	20.00
		12	6	19.09	19.11	19.17	20.00
		12	13	19.18	19.22	19.06	20.00
		25	0	19.07	19.10	19.23	20.00
	16QAM	1	0	19.08	19.18	19.21	20.00
		1	13	19.11	19.11	19.20	20.00
		1	24	19.04	19.09	19.16	20.00
		12	0	19.04	19.17	19.11	20.00
		12	6	19.23	19.22	19.25	20.00
		12	13	19.16	19.11	19.09	20.00
		25	0	19.04	19.18	19.04	20.00
	64QAM	1	0	19.06	19.20	19.08	20.00
		1	13	19.24	19.20	19.18	20.00
		1	24	19.17	19.20	19.08	20.00
		12	0	18.04	18.11	18.22	19.00
		12	6	18.15	18.15	18.20	19.00
		12	13	18.14	18.22	18.24	19.00
		25	0	18.21	18.18	18.20	19.00
	256QAM	1	0	16.15	16.10	16.15	17.00
		1	13	16.22	16.09	16.25	17.00
		1	24	16.09	16.14	16.09	17.00
12		0	16.23	16.09	16.21	17.00	
12		6	16.08	16.05	16.14	17.00	
12		13	16.13	16.22	16.03	17.00	



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Bandwidth	Modulation	25	0	16.23	16.12	16.22	17.00	
		RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up	
10MHz	QPSK	1	0	19.20	19.07	19.20	20.00	
		1	25	19.22	19.18	19.14	20.00	
		1	49	19.06	19.11	19.19	20.00	
		25	0	19.25	19.05	19.13	20.00	
		25	13	19.13	19.11	19.18	20.00	
		25	25	19.10	19.13	19.09	20.00	
	16QAM	50	0	19.15	19.25	19.15	20.00	
		1	0	19.13	19.25	19.22	20.00	
		1	25	19.04	19.09	19.18	20.00	
		1	49	19.23	19.20	19.04	20.00	
		25	0	19.03	19.05	19.11	20.00	
		25	13	19.17	19.16	19.21	20.00	
	64QAM	25	25	19.20	19.24	19.07	20.00	
		50	0	19.10	19.19	19.19	20.00	
		1	0	19.11	19.09	19.12	20.00	
		1	25	19.21	19.20	19.18	20.00	
		1	49	19.19	19.22	19.23	20.00	
		25	0	18.21	18.14	18.03	19.00	
	256QAM	25	13	18.20	18.18	18.10	19.00	
		25	25	18.09	18.04	18.24	19.00	
		50	0	18.11	18.24	18.25	19.00	
		1	0	16.03	16.12	16.07	17.00	
		1	25	16.15	16.14	16.16	17.00	
		1	49	16.17	16.07	16.15	17.00	
	15MHz	QPSK	25	0	16.15	16.07	16.24	17.00
			25	13	16.08	16.18	16.23	17.00
			25	25	16.20	16.04	16.10	17.00
			50	0	16.23	16.09	16.11	17.00
			1	0	19.23	19.17	19.11	20.00
			1	38	19.08	19.04	19.12	20.00
16QAM		1	74	19.06	19.05	19.08	20.00	
		36	0	19.10	19.12	19.10	20.00	
		36	18	19.18	19.19	19.24	20.00	
		36	39	19.14	19.04	19.05	20.00	
		75	0	19.14	19.14	19.14	20.00	
		1	0	19.13	19.08	19.05	20.00	
64QAM		1	38	19.23	19.15	19.14	20.00	
		1	74	19.14	19.06	19.19	20.00	
		36	0	19.20	19.15	19.16	20.00	
		36	18	19.16	19.08	19.10	20.00	
		36	39	19.10	19.05	19.17	20.00	
		75	0	19.19	19.16	19.15	20.00	
256QAM	1	0	19.17	19.04	19.08	20.00		
	1	38	19.05	19.03	19.05	20.00		
	1	74	19.11	19.08	19.17	20.00		
	36	0	18.20	18.11	18.18	19.00		
	36	18	18.15	18.15	18.04	19.00		
	36	39	18.16	18.24	18.17	19.00		
256QAM	75	0	18.21	18.22	18.07	19.00		
	1	0	16.14	16.15	16.07	17.00		
		1	38	16.10	16.10	16.13	17.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	QPSK	1	74	16.07	16.08	16.19	17.00	
		36	0	16.20	16.03	16.05	17.00	
		36	18	16.17	16.22	16.05	17.00	
		36	39	16.05	16.11	16.12	17.00	
		75	0	16.08	16.17	16.15	17.00	
	16QAM	QPSK	1	0	19.24	19.33	19.29	20.00
			1	50	19.06	19.11	19.13	20.00
			1	99	19.21	19.03	19.14	20.00
			50	0	19.10	19.22	19.18	20.00
			50	25	19.12	19.10	19.12	20.00
			50	50	19.13	19.05	19.14	20.00
		16QAM	100	0	19.05	19.11	19.14	20.00
			1	0	19.13	19.20	19.13	20.00
			1	50	19.25	19.07	19.10	20.00
			1	99	19.07	19.23	19.11	20.00
	64QAM	50	0	19.07	19.17	19.17	20.00	
		50	25	19.09	19.20	19.12	20.00	
		50	50	19.03	19.19	19.07	20.00	
		100	0	19.23	19.22	19.16	20.00	
		1	0	19.11	19.09	19.09	20.00	
		1	50	19.07	19.21	19.24	20.00	
	256QAM	1	99	19.06	19.14	19.04	20.00	
		50	0	18.09	18.21	18.04	19.00	
		50	25	18.15	18.05	18.06	19.00	
		50	50	18.19	18.17	18.07	19.00	
		100	0	18.19	18.15	18.04	19.00	
		1	0	16.16	16.15	16.11	17.00	
	256QAM	1	50	16.08	16.21	16.08	17.00	
1		99	16.11	16.21	16.10	17.00		
50		0	16.14	16.16	16.16	17.00		
50		25	16.06	16.08	16.16	17.00		
50		50	16.24	16.17	16.22	17.00		
100		0	16.19	16.08	16.24	17.00		

LTE Band 2 DSI 4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	21.10	21.17	21.06	22.00
		1	2	21.04	21.23	21.11	22.00
		1	5	21.13	21.18	21.15	22.00
		3	0	21.13	21.19	21.13	22.00
		3	2	21.06	21.06	21.24	22.00
		3	3	21.08	21.06	21.20	22.00
		6	0	20.10	20.12	20.14	21.00
	16QAM	1	0	20.11	20.05	20.12	21.00
		1	2	20.19	20.03	20.23	21.00
		1	5	20.09	20.18	20.24	21.00
		3	0	20.20	20.08	20.20	21.00
		3	2	20.22	20.07	20.16	21.00
		3	3	20.07	20.21	20.24	21.00
		6	0	19.23	19.11	19.18	20.00



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	64QAM	1	0	19.04	19.22	19.05	20.00	
		1	2	19.15	19.09	19.07	20.00	
		1	5	19.04	19.07	19.05	20.00	
		3	0	19.16	19.06	19.13	20.00	
		3	2	19.10	19.11	19.04	20.00	
		3	3	19.13	19.22	19.15	20.00	
		6	0	18.04	18.15	18.12	19.00	
	256QAM	1	0	16.17	16.04	16.10	17.00	
		1	2	16.07	16.03	16.16	17.00	
		1	5	16.08	16.23	16.14	17.00	
		3	0	16.16	16.07	16.24	17.00	
		3	2	16.13	16.09	16.03	17.00	
		3	3	16.11	16.11	16.09	17.00	
		6	0	16.16	16.07	16.05	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up	
3MHz	QPSK	1	0	21.23	21.04	21.20	22.00	
		1	7	21.09	21.17	21.08	22.00	
		1	14	21.11	21.12	21.03	22.00	
		8	0	20.23	20.24	20.07	21.00	
		8	4	20.22	20.17	20.22	21.00	
		8	7	20.15	20.04	20.07	21.00	
		15	0	20.12	20.06	20.08	21.00	
	16QAM	1	0	20.19	20.25	20.04	21.00	
		1	7	20.16	20.21	20.06	21.00	
		1	14	20.09	20.06	20.15	21.00	
		8	0	19.17	19.04	19.10	20.00	
		8	4	19.17	19.05	19.13	20.00	
		8	7	19.03	19.14	19.13	20.00	
		15	0	19.11	19.20	19.13	20.00	
	64QAM	1	0	19.17	19.22	19.09	20.00	
		1	7	19.06	19.04	19.04	20.00	
		1	14	19.24	19.21	19.09	20.00	
		8	0	18.06	18.22	18.20	19.00	
		8	4	18.20	18.23	18.03	19.00	
		8	7	18.06	18.13	18.15	19.00	
		15	0	18.09	18.17	18.14	19.00	
	256QAM	1	0	16.21	16.08	16.18	17.00	
		1	7	16.21	16.17	16.06	17.00	
		1	14	16.08	16.12	16.14	17.00	
		8	0	16.06	16.24	16.06	17.00	
		8	4	16.24	16.14	16.21	17.00	
		8	7	16.09	16.20	16.05	17.00	
		15	0	16.06	16.16	16.18	17.00	
	Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
	5MHz	QPSK	1	0	21.11	21.13	21.08	22.00
1			13	21.07	21.14	21.13	22.00	
1			24	21.06	21.06	21.12	22.00	
12			0	20.13	20.17	20.24	21.00	



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		12	6	20.20	20.18	20.21	21.00
		12	13	20.15	20.17	20.16	21.00
		25	0	20.06	20.11	20.05	21.00
	16QAM	1	0	20.04	20.14	20.18	21.00
		1	13	20.23	20.22	20.10	21.00
		1	24	20.04	20.21	20.25	21.00
		12	0	19.10	19.05	19.25	20.00
		12	6	19.20	19.17	19.23	20.00
		12	13	19.08	19.20	19.12	20.00
		25	0	19.11	19.13	19.10	20.00
	64QAM	1	0	19.09	19.17	19.20	20.00
		1	13	19.06	19.04	19.08	20.00
		1	24	19.05	19.06	19.16	20.00
		12	0	18.10	18.06	18.19	19.00
		12	6	18.15	18.09	18.23	19.00
		12	13	18.18	18.24	18.08	19.00
		25	0	18.11	18.03	18.15	19.00
	256QAM	1	0	16.13	16.03	16.13	17.00
		1	13	16.16	16.10	16.04	17.00
		1	24	16.24	16.24	16.16	17.00
		12	0	16.15	16.18	16.18	17.00
		12	6	16.17	16.05	16.09	17.00
		12	13	16.13	16.10	16.10	17.00
		25	0	16.20	16.07	16.05	17.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
18650					18900	19150	
10MHz	QPSK	1	0	21.24	21.16	21.17	22.00
		1	25	21.10	21.11	21.09	22.00
		1	49	21.15	21.22	21.24	22.00
		25	0	20.16	20.05	20.15	21.00
		25	13	20.18	20.14	20.19	21.00
		25	25	20.08	20.09	20.14	21.00
		50	0	20.06	20.13	20.11	21.00
	16QAM	1	0	20.06	20.10	20.13	21.00
		1	25	20.18	20.15	20.11	21.00
		1	49	20.04	20.14	20.19	21.00
		25	0	19.13	19.22	19.05	20.00
		25	13	19.10	19.18	19.04	20.00
		25	25	19.09	19.14	19.09	20.00
		50	0	19.09	19.21	19.08	20.00
	64QAM	1	0	19.20	19.14	19.25	20.00
		1	25	19.19	19.23	19.05	20.00
		1	49	19.20	19.22	19.11	20.00
		25	0	18.07	18.07	18.19	19.00
		25	13	18.17	18.08	18.21	19.00
		25	25	18.04	18.17	18.11	19.00
		50	0	18.13	18.06	18.16	19.00
	256QAM	1	0	16.04	16.14	16.09	17.00
		1	25	16.24	16.19	16.17	17.00
		1	49	16.19	16.06	16.18	17.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
		25	0	16.06	16.20	16.21	17.00	
		25	13	16.19	16.24	16.14	17.00	
		25	25	16.10	16.24	16.09	17.00	
		50	0	16.16	16.15	16.07	17.00	
15MHz	QPSK	1	0	21.05	21.04	21.06	22.00	
1		38	21.05	21.19	21.24	22.00		
	16QAM	1	74	21.14	21.15	21.10	22.00	
		36	0	20.04	20.18	20.06	21.00	
		36	18	20.17	20.24	20.22	21.00	
		36	39	20.07	20.07	20.21	21.00	
		75	0	20.24	20.15	20.17	21.00	
		1	0	20.21	20.23	20.03	21.00	
		1	38	20.25	20.18	20.11	21.00	
	64QAM	1	74	20.23	20.05	20.15	21.00	
		36	0	19.22	19.24	19.21	20.00	
		36	18	19.24	19.23	19.19	20.00	
		36	39	19.07	19.20	19.21	20.00	
		75	0	19.24	19.12	19.14	20.00	
		1	0	19.12	19.10	19.12	20.00	
		1	38	19.11	19.05	19.20	20.00	
	256QAM	1	74	19.12	19.09	19.12	20.00	
		36	0	18.18	18.12	18.14	19.00	
		36	18	18.05	18.08	18.08	19.00	
		36	39	18.03	18.22	18.18	19.00	
		75	0	18.16	18.18	18.07	19.00	
		1	0	16.10	16.12	16.06	17.00	
		1	38	16.20	16.10	16.25	17.00	
	20MHz	QPSK	1	74	16.22	16.08	16.08	17.00
	36		0	16.13	16.22	16.14	17.00	
	36		18	16.16	16.16	16.24	17.00	
	36		39	16.15	16.24	16.07	17.00	
	75		0	16.05	16.12	16.20	17.00	
	1		0	21.33	21.39	21.29	22.00	
	1		50	21.24	21.08	21.13	22.00	
	16QAM	1	99	21.11	21.15	21.19	22.00	
		50	0	20.31	20.44	20.36	21.00	
		50	25	20.11	20.22	20.20	21.00	
		50	50	20.04	20.08	20.17	21.00	
		100	0	20.07	20.11	20.04	21.00	
		1	0	20.08	20.23	20.13	21.00	
		1	50	20.12	20.08	20.24	21.00	
	1	99	20.07	20.03	20.09	21.00		
	50	0	19.04	19.24	19.21	20.00		
	50	25	19.04	19.10	19.06	20.00		
	50	50	19.15	19.04	19.23	20.00		
	100	0	19.13	19.16	19.03	20.00		



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	64QAM	1	0	19.04	19.25	19.10	20.00
		1	50	19.22	19.20	19.13	20.00
		1	99	19.22	19.20	19.12	20.00
		50	0	18.10	18.21	18.21	19.00
		50	25	18.12	18.05	18.10	19.00
		50	50	18.13	18.06	18.06	19.00
		100	0	18.19	18.05	18.17	19.00
	256QAM	1	0	16.03	16.19	16.06	17.00
		1	50	16.08	16.09	16.22	17.00
		1	99	16.04	16.16	16.06	17.00
		50	0	16.19	16.24	16.18	17.00
		50	25	16.17	16.03	16.03	17.00
		50	50	16.10	16.05	16.11	17.00
		100	0	16.06	16.13	16.22	17.00

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	20.36	20.50	20.55	21.00	
		1	13	20.34	20.49	20.34	21.00	
		1	24	20.52	20.46	20.41	21.00	
		12	0	20.47	20.40	20.51	21.00	
		12	6	20.54	20.41	20.38	21.00	
		12	13	20.52	20.36	20.40	21.00	
		25	0	20.39	20.51	20.34	21.00	
	16QAM	1	0	20.51	20.39	20.46	21.00	
		1	13	20.54	20.44	20.36	21.00	
		1	24	20.50	20.47	20.37	21.00	
		12	0	19.37	19.51	19.36	20.00	
		12	6	19.51	19.50	19.36	20.00	
		12	13	19.52	19.52	19.51	20.00	
		25	0	19.45	19.44	19.38	20.00	
	64QAM	1	0	19.35	19.53	19.54	20.00	
		1	13	19.34	19.42	19.37	20.00	
		1	24	19.41	19.41	19.38	20.00	
		12	0	18.51	18.55	18.45	19.00	
		12	6	18.48	18.36	18.45	19.00	
		12	13	18.44	18.51	18.37	19.00	
		25	0	18.39	18.43	18.54	19.00	
	256QAM	1	0	16.37	16.46	16.40	17.00	
		1	13	16.54	16.51	16.51	17.00	
		1	24	16.47	16.37	16.37	17.00	
		12	0	16.54	16.50	16.41	17.00	
		12	6	16.39	16.48	16.41	17.00	
		12	13	16.51	16.52	16.48	17.00	
		25	0	16.34	16.51	16.52	17.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	20.53	20.45	20.51	21.00



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		1	25	20.50	20.45	20.54	21.00		
		1	49	20.44	20.45	20.50	21.00		
		25	0	20.51	20.52	20.37	21.00		
		25	13	20.38	20.44	20.46	21.00		
		25	25	20.54	20.49	20.37	21.00		
		50	0	20.42	20.52	20.53	21.00		
	16QAM	1	0	20.41	20.49	20.38	21.00		
		1	25	20.47	20.39	20.43	21.00		
		1	49	20.47	20.53	20.43	21.00		
		25	0	19.49	19.54	19.38	20.00		
		25	13	19.40	19.43	19.48	20.00		
		25	25	19.52	19.52	19.52	20.00		
	64QAM	50	0	19.42	19.46	19.43	20.00		
		1	0	19.34	19.44	19.34	20.00		
		1	25	19.35	19.45	19.48	20.00		
		1	49	19.54	19.55	19.54	20.00		
		25	0	18.37	18.45	18.35	19.00		
		25	13	18.50	18.47	18.49	19.00		
	256QAM	25	25	18.48	18.48	18.37	19.00		
		50	0	18.39	18.44	18.54	19.00		
		1	0	16.49	16.45	16.55	17.00		
1		25	16.44	16.54	16.49	17.00			
1		49	16.45	16.41	16.39	17.00			
25		0	16.41	16.50	16.42	17.00			
		25	13	16.36	16.50	16.49	17.00		
		25	25	16.47	16.46	16.52	17.00		
		50	0	16.44	16.46	16.36	17.00		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		15MHz	QPSK	20825	21100	21375			
				1	0	20.41	20.49	20.44	21.00
1	38			20.39	20.51	20.53	21.00		
1	74			20.48	20.33	20.39	21.00		
36	0			20.48	20.43	20.52	21.00		
36	18			20.46	20.42	20.40	21.00		
36	39			20.53	20.38	20.36	21.00		
16QAM	75		0	20.33	20.36	20.41	21.00		
	1		0	20.47	20.54	20.53	21.00		
	1		38	20.54	20.37	20.40	21.00		
	1		74	20.54	20.46	20.49	21.00		
	36		0	19.39	19.48	19.36	20.00		
	36		18	19.41	19.37	19.50	20.00		
	36		39	19.46	19.41	19.41	20.00		
64QAM	75		0	19.43	19.50	19.51	20.00		
	1		0	19.53	19.41	19.42	20.00		
	1		38	19.34	19.34	19.50	20.00		
	1		74	19.53	19.36	19.33	20.00		
	36		0	18.34	18.44	18.33	19.00		
	36		18	18.50	18.52	18.40	19.00		
	36		39	18.46	18.54	18.36	19.00		
75	0	18.54	18.40	18.48	19.00				



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	256QAM	1	0	16.40	16.47	16.34	17.00
		1	38	16.46	16.39	16.34	17.00
		1	74	16.36	16.45	16.37	17.00
		36	0	16.49	16.51	16.36	17.00
		36	18	16.41	16.37	16.55	17.00
		36	39	16.46	16.34	16.49	17.00
		75	0	16.47	16.44	16.54	17.00
20MHz	QPSK	1	0	20.59	20.68	20.66	21.00
		1	50	20.40	20.40	20.36	21.00
		1	99	20.52	20.53	20.41	21.00
		50	0	20.59	20.66	20.61	21.00
		50	25	20.55	20.36	20.52	21.00
		50	50	20.43	20.47	20.42	21.00
		100	0	20.52	20.33	20.55	21.00
	16QAM	1	0	20.47	20.52	20.33	21.00
		1	50	20.47	20.40	20.34	21.00
		1	99	20.51	20.50	20.53	21.00
		50	0	19.41	19.53	19.40	20.00
		50	25	19.45	19.38	19.36	20.00
		50	50	19.34	19.49	19.41	20.00
		100	0	19.47	19.54	19.41	20.00
	64QAM	1	0	19.49	19.39	19.39	20.00
		1	50	19.46	19.54	19.45	20.00
		1	99	19.43	19.40	19.46	20.00
		50	0	18.47	18.36	18.41	19.00
		50	25	18.53	18.53	18.51	19.00
		50	50	18.44	18.49	18.51	19.00
		100	0	18.39	18.36	18.40	19.00
	256QAM	1	0	16.36	16.53	16.51	17.00
		1	50	16.49	16.49	16.47	17.00
		1	99	16.40	16.54	16.46	17.00
		50	0	16.48	16.34	16.42	17.00
		50	25	16.53	16.45	16.40	17.00
		50	50	16.34	16.40	16.42	17.00
		100	0	16.41	16.44	16.54	17.00

LTE Band 7 DSI 4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.45	21.43	21.51	22.00
		1	13	21.54	21.37	21.36	22.00
		1	24	21.49	21.49	21.46	22.00
		12	0	20.47	20.39	20.33	21.00
		12	6	20.44	20.38	20.53	21.00
		12	13	20.43	20.53	20.47	21.00
		25	0	20.34	20.46	20.52	21.00
16QAM	1	0	20.36	20.47	20.49	21.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
10MHz		1	13	20.39	20.39	20.40	21.00	
		1	24	20.54	20.38	20.37	21.00	
		12	0	19.50	19.34	19.43	20.00	
		12	6	19.44	19.51	19.44	20.00	
		12	13	19.49	19.38	19.34	20.00	
		25	0	19.51	19.51	19.50	20.00	
	64QAM	1	0	19.42	19.48	19.33	20.00	
		1	13	19.51	19.43	19.53	20.00	
		1	24	19.39	19.50	19.33	20.00	
		12	0	18.35	18.35	18.42	19.00	
		12	6	18.53	18.40	18.44	19.00	
		12	13	18.49	18.48	18.46	19.00	
	256QAM	25	0	18.37	18.49	18.37	19.00	
		1	0	16.38	16.50	16.54	17.00	
		1	13	16.43	16.53	16.40	17.00	
		1	24	16.53	16.52	16.50	17.00	
		12	0	16.36	16.47	16.34	17.00	
		12	6	16.37	16.45	16.40	17.00	
	10MHz	QPSK	12	13	16.50	16.54	16.44	17.00
			25	0	16.43	16.39	16.37	17.00
			1	0	21.34	21.37	21.43	22.00
			1	25	21.36	21.45	21.49	22.00
			1	49	21.54	21.35	21.35	22.00
			25	0	20.35	20.52	20.42	21.00
			25	13	20.46	20.43	20.35	21.00
		16QAM	25	25	20.47	20.49	20.35	21.00
			50	0	20.36	20.48	20.41	21.00
			1	0	20.38	20.55	20.41	21.00
1			25	20.51	20.44	20.50	21.00	
1			49	20.41	20.40	20.42	21.00	
25			0	19.50	19.37	19.40	20.00	
25			13	19.37	19.42	19.37	20.00	
64QAM	25	25	19.38	19.51	19.36	20.00		
	50	0	19.39	19.38	19.49	20.00		
	1	0	19.49	19.43	19.37	20.00		
	1	25	19.47	19.46	19.45	20.00		
	1	49	19.34	19.43	19.43	20.00		
	25	0	18.47	18.38	18.44	19.00		
	25	13	18.46	18.34	18.42	19.00		
256QAM	25	25	18.36	18.45	18.34	19.00		
	50	0	18.52	18.41	18.53	19.00		
	1	0	16.53	16.38	16.47	17.00		
	1	25	16.44	16.49	16.38	17.00		
	1	49	16.49	16.37	16.43	17.00		
	25	0	16.38	16.48	16.45	17.00		
	25	13	16.37	16.35	16.53	17.00		
10MHz	256QAM	25	25	16.43	16.55	16.37	17.00	
		50	0	16.40	16.34	16.51	17.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.41	21.46	21.55	22.00
		1	38	21.43	21.44	21.49	22.00
		1	74	21.51	21.40	21.34	22.00
		36	0	20.54	20.70	20.64	21.00
		36	18	20.52	20.48	20.53	21.00
		36	39	20.34	20.35	20.45	21.00
		75	0	20.37	20.41	20.48	21.00
	16QAM	1	0	20.47	20.35	20.54	21.00
		1	38	20.53	20.49	20.46	21.00
		1	74	20.36	20.48	20.45	21.00
		36	0	19.43	19.40	19.33	20.00
		36	18	19.42	19.53	19.36	20.00
		36	39	19.51	19.46	19.55	20.00
		75	0	19.37	19.44	19.49	20.00
	64QAM	1	0	19.40	19.45	19.46	20.00
		1	38	19.45	19.45	19.34	20.00
		1	74	19.35	19.34	19.45	20.00
		36	0	18.49	18.49	18.54	19.00
		36	18	18.54	18.41	18.47	19.00
		36	39	18.48	18.45	18.46	19.00
		75	0	18.34	18.46	18.36	19.00
	256QAM	1	0	16.49	16.39	16.39	17.00
		1	38	16.40	16.42	16.49	17.00
		1	74	16.43	16.43	16.46	17.00
		36	0	16.45	16.50	16.55	17.00
		36	18	16.50	16.46	16.52	17.00
		36	39	16.35	16.41	16.41	17.00
		75	0	16.34	16.49	16.38	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	21.55	21.58	21.55	22.00
		1	50	21.40	21.53	21.39	22.00
		1	99	21.52	21.39	21.43	22.00
		50	0	20.52	20.63	20.59	21.00
		50	25	20.34	20.47	20.45	21.00
		50	50	20.49	20.37	20.52	21.00
		100	0	20.35	20.47	20.43	21.00
	16QAM	1	0	20.48	20.40	20.40	21.00
		1	50	20.36	20.49	20.46	21.00
		1	99	20.48	20.51	20.45	21.00
		50	0	19.34	19.33	19.52	20.00
		50	25	19.47	19.55	19.49	20.00
		50	50	19.54	19.55	19.34	20.00
		100	0	19.44	19.50	19.44	20.00
	64QAM	1	0	19.54	19.48	19.53	20.00
		1	50	19.50	19.53	19.51	20.00
		1	99	19.42	19.41	19.51	20.00
		50	0	18.38	18.53	18.38	19.00
		50	0	18.38	18.53	18.38	19.00



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		50	25	18.53	18.52	18.35	19.00
		50	50	18.45	18.44	18.44	19.00
		100	0	18.46	18.50	18.38	19.00
	256QAM	1	0	16.50	16.51	16.51	17.00
		1	50	16.38	16.54	16.40	17.00
		1	99	16.43	16.33	16.54	17.00
		50	0	16.52	16.33	16.54	17.00
		50	25	16.48	16.46	16.42	17.00
		50	50	16.54	16.45	16.43	17.00
		100	0	16.38	16.51	16.34	17.00

LTE Band 66 DSI 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	18.71	18.66	18.68	20.00
		1	2	18.71	18.80	18.72	20.00
		1	5	18.69	18.69	18.76	20.00
		3	0	18.80	18.67	18.72	20.00
		3	1	18.82	18.78	18.63	20.00
		3	3	18.70	18.79	18.84	20.00
		6	0	18.79	18.67	18.83	20.00
	16QAM	1	0	18.81	18.64	18.77	20.00
		1	2	18.78	18.80	18.73	20.00
		1	5	18.78	18.84	18.71	20.00
		3	0	18.83	18.77	18.75	20.00
		3	1	18.75	18.76	18.85	20.00
		3	3	18.64	18.74	18.69	20.00
		6	0	18.72	18.80	18.75	20.00
	64QAM	1	0	18.63	18.76	18.77	20.00
		1	2	18.77	18.80	18.72	20.00
		1	5	18.67	18.67	18.63	20.00
		3	0	18.83	18.71	18.68	20.00
		3	1	18.78	18.79	18.76	20.00
		3	3	18.63	18.66	18.64	20.00
		6	0	17.71	17.67	17.78	19.00
	256QAM	1	0	15.65	15.85	15.64	17.00
		1	2	15.75	15.83	15.68	17.00
		1	5	15.65	15.82	15.78	17.00
		3	0	15.64	15.74	15.74	17.00
		3	1	15.75	15.75	15.76	17.00
		3	3	15.85	15.77	15.81	17.00
		6	0	15.84	15.67	15.80	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK			131987	132322	132657	
		1	0	18.65	18.75	18.76	20.00
		1	7	18.68	18.66	18.69	20.00
		1	14	18.73	18.64	18.63	20.00
		8	0	18.83	18.77	18.65	20.00
		8	4	18.81	18.68	18.72	20.00



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		8	7	18.84	18.69	18.84	20.00	
		15	0	18.85	18.67	18.71	20.00	
	16QAM	1	0	18.76	18.66	18.83	20.00	
		1	7	18.75	18.72	18.73	20.00	
		1	14	18.77	18.75	18.79	20.00	
		8	0	18.63	18.70	18.85	20.00	
		8	4	18.83	18.80	18.67	20.00	
		8	7	18.84	18.76	18.65	20.00	
		15	0	18.67	18.78	18.70	20.00	
		64QAM	1	0	18.76	18.66	18.70	20.00
	1		7	18.64	18.67	18.66	20.00	
	1		14	18.80	18.74	18.81	20.00	
	8		0	17.66	17.69	17.68	19.00	
	8		4	17.77	17.73	17.76	19.00	
	8		7	17.75	17.79	17.74	19.00	
	15		0	17.77	17.65	17.79	19.00	
	256QAM	1	0	15.81	15.72	15.81	17.00	
		1	7	15.73	15.75	15.79	17.00	
		1	14	15.80	15.74	15.70	17.00	
		8	0	15.74	15.75	15.66	17.00	
		8	4	15.70	15.77	15.72	17.00	
		8	7	15.71	15.79	15.68	17.00	
		15	0	15.69	15.65	15.67	17.00	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					131997	132322	132647	
	<b>5MHz</b>	QPSK	1	0	18.82	18.82	18.81	20.00
			1	13	18.84	18.78	18.65	20.00
			1	24	18.70	18.64	18.68	20.00
12			0	18.81	18.73	18.71	20.00	
12			6	18.78	18.66	18.63	20.00	
12			13	18.74	18.75	18.71	20.00	
25			0	18.76	18.79	18.75	20.00	
16QAM		1	0	18.78	18.66	18.70	20.00	
		1	13	18.71	18.71	18.64	20.00	
		1	24	18.64	18.83	18.79	20.00	
		12	0	18.68	18.66	18.73	20.00	
		12	6	18.80	18.81	18.66	20.00	
		12	13	18.73	18.81	18.68	20.00	
		25	0	18.80	18.81	18.67	20.00	
64QAM		1	0	18.82	18.70	18.74	20.00	
		1	13	18.74	18.78	18.65	20.00	
		1	24	18.67	18.63	18.77	20.00	
		12	0	17.63	17.77	17.77	19.00	
		12	6	17.73	17.66	17.66	19.00	
		12	13	17.66	17.69	17.66	19.00	
		25	0	17.73	17.74	17.76	19.00	
256QAM		1	0	15.72	15.75	15.71	17.00	
		1	13	15.76	15.66	15.75	17.00	
		1	24	15.72	15.70	15.75	17.00	
		12	0	15.80	15.66	15.66	17.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132022	132322	132622		
10MHz		12	6	15.76	15.67	15.69	17.00	
		12	13	15.79	15.64	15.84	17.00	
		25	0	15.68	15.79	15.69	17.00	
	QPSK	1	0	18.85	18.77	18.80	20.00	
		1	25	18.72	18.72	18.73	20.00	
		1	49	18.72	18.65	18.65	20.00	
		25	0	18.71	18.79	18.84	20.00	
		25	13	18.65	18.81	18.82	20.00	
		25	25	18.76	18.82	18.72	20.00	
		50	0	18.68	18.74	18.76	20.00	
		16QAM	1	0	18.76	18.81	18.70	20.00
			1	25	18.84	18.75	18.81	20.00
			1	49	18.75	18.65	18.68	20.00
			25	0	18.78	18.83	18.71	20.00
			25	13	18.81	18.74	18.68	20.00
			25	25	18.80	18.75	18.68	20.00
		64QAM	50	0	18.82	18.76	18.66	20.00
			1	0	18.79	18.68	18.66	20.00
			1	25	18.83	18.71	18.63	20.00
			1	49	18.68	18.81	18.71	20.00
			25	0	17.74	17.82	17.70	19.00
			25	13	17.72	17.70	17.66	19.00
		256QAM	25	25	17.83	17.74	17.78	19.00
			50	0	17.63	17.72	17.79	19.00
	1		0	15.81	15.81	15.77	17.00	
	1		25	15.68	15.79	15.68	17.00	
	1		49	15.72	15.82	15.76	17.00	
25	0		15.71	15.79	15.76	17.00		
15MHz	QPSK	25	13	15.70	15.82	15.70	17.00	
		25	25	15.68	15.71	15.81	17.00	
		50	0	15.67	15.74	15.82	17.00	
		1	0	18.79	18.80	18.72	20.00	
		1	38	18.66	18.80	18.85	20.00	
		1	74	18.82	18.85	18.84	20.00	
		36	0	18.68	18.77	18.81	20.00	
	16QAM	36	18	18.72	18.69	18.74	20.00	
		36	39	18.82	18.83	18.77	20.00	
		75	0	18.80	18.73	18.67	20.00	
		1	0	18.63	18.71	18.65	20.00	
		1	38	18.80	18.73	18.73	20.00	
		1	74	18.66	18.83	18.64	20.00	
		36	0	18.80	18.80	18.76	20.00	
		36	18	18.77	18.82	18.74	20.00	
		36	39	18.70	18.76	18.82	20.00	
		75	0	18.69	18.72	18.81	20.00	
	64QAM	1	0	18.80	18.72	18.71	20.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	256QAM	1	38	18.73	18.72	18.84	20.00	
		1	74	18.79	18.64	18.77	20.00	
		36	0	17.65	17.85	17.82	19.00	
		36	18	17.72	17.72	17.76	19.00	
		36	39	17.83	17.69	17.76	19.00	
		75	0	17.75	17.72	17.76	19.00	
		1	0	15.68	15.73	15.78	17.00	
	256QAM	1	38	15.79	15.71	15.75	17.00	
		1	74	15.67	15.65	15.70	17.00	
		36	0	15.84	15.85	15.70	17.00	
		36	18	15.78	15.80	15.65	17.00	
		36	39	15.85	15.76	15.82	17.00	
		75	0	15.79	15.65	15.74	17.00	
		20MHz	QPSK	1	0	18.95	18.99	18.93
	1			50	18.72	18.73	18.77	20.00
	1			99	18.76	18.72	18.82	20.00
	50			0	18.69	18.81	18.74	20.00
	50			25	18.66	18.74	18.82	20.00
	50			50	18.73	18.71	18.69	20.00
	100			0	18.75	18.71	18.80	20.00
	16QAM		1	0	18.66	18.83	18.79	20.00
1			50	18.82	18.75	18.65	20.00	
1			99	18.68	18.74	18.64	20.00	
50			0	18.85	18.82	18.85	20.00	
50			25	18.78	18.72	18.72	20.00	
50			50	18.75	18.85	18.78	20.00	
100			0	18.84	18.72	18.68	20.00	
64QAM	1		0	18.70	18.81	18.75	20.00	
	1		50	18.65	18.64	18.76	20.00	
	1		99	18.71	18.84	18.84	20.00	
	50		0	17.73	17.71	17.64	19.00	
	50		25	17.74	17.81	17.72	19.00	
	50		50	17.70	17.77	17.74	19.00	
	100		0	17.79	17.67	17.79	19.00	
256QAM	1	0	15.74	15.68	15.82	17.00		
	1	50	15.66	15.71	15.71	17.00		
	1	99	15.79	15.63	15.78	17.00		
	50	0	15.84	15.82	15.64	17.00		
	50	25	15.74	15.66	15.65	17.00		
	50	50	15.80	15.76	15.69	17.00		
	100	0	15.81	15.77	15.74	17.00		



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LTE Band 66 DSI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.78	20.83	20.66	22.00
		1	2	20.74	20.64	20.79	22.00
		1	5	20.78	20.67	20.67	22.00
		3	0	20.70	20.77	20.66	22.00
		3	1	20.82	20.81	20.76	22.00
		3	3	20.79	20.72	20.80	22.00
		6	0	19.74	19.70	19.74	21.00
	16QAM	1	0	19.82	19.79	19.73	21.00
		1	2	19.66	19.74	19.76	21.00
		1	5	19.69	19.69	19.74	21.00
		3	0	19.83	19.71	19.79	21.00
		3	1	19.73	19.71	19.84	21.00
		3	3	19.78	19.68	19.80	21.00
		6	0	18.76	18.82	18.77	20.00
	64QAM	1	0	18.67	18.63	18.83	20.00
		1	2	18.83	18.75	18.69	20.00
		1	5	18.71	18.78	18.65	20.00
		3	0	18.75	18.69	18.71	20.00
		3	1	18.84	18.82	18.75	20.00
		3	3	18.67	18.72	18.84	20.00
		6	0	17.76	17.71	17.71	19.00
	256QAM	1	0	15.84	15.82	15.76	17.00
		1	2	15.69	15.82	15.75	17.00
		1	5	15.73	15.78	15.74	17.00
		3	0	15.76	15.84	15.81	17.00
		3	1	15.64	15.71	15.80	17.00
		3	3	15.73	15.67	15.75	17.00
		6	0	15.84	15.66	15.66	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	20.77	20.78	20.75	22.00
		1	7	20.68	20.77	20.68	22.00
		1	14	20.69	20.70	20.66	22.00
		8	0	19.68	19.65	19.70	21.00
		8	4	19.65	19.71	19.74	21.00
		8	7	19.72	19.71	19.75	21.00
		15	0	19.79	19.72	19.75	21.00
	16QAM	1	0	19.78	19.80	19.67	21.00
		1	7	19.69	19.74	19.64	21.00
		1	14	19.64	19.83	19.79	21.00
		8	0	18.81	18.64	18.66	20.00
		8	4	18.74	18.78	18.68	20.00
		8	7	18.71	18.63	18.74	20.00
		15	0	18.66	18.72	18.81	20.00
	64QAM	1	0	18.67	18.77	18.81	20.00
		1	7	18.81	18.73	18.69	20.00



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		1	14	18.74	18.77	18.75	20.00
		8	0	17.68	17.74	17.70	19.00
		8	4	17.83	17.82	17.78	19.00
		8	7	17.65	17.74	17.82	19.00
		15	0	17.76	17.63	17.75	19.00
	256QAM	1	0	15.83	15.79	15.79	17.00
		1	7	15.66	15.76	15.84	17.00
		1	14	15.64	15.79	15.70	17.00
		8	0	15.82	15.80	15.83	17.00
		8	4	15.75	15.75	15.68	17.00
		8	7	15.83	15.73	15.71	17.00
		15	0	15.84	15.77	15.79	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.79	20.83	20.83	22.00
		1	13	20.63	20.68	20.69	22.00
		1	24	20.81	20.65	20.66	22.00
		12	0	19.65	19.80	19.79	21.00
		12	6	19.71	19.85	19.85	21.00
		12	13	19.72	19.84	19.68	21.00
		25	0	19.74	19.72	19.67	21.00
	16QAM	1	0	19.65	19.77	19.66	21.00
		1	13	19.69	19.74	19.71	21.00
		1	24	19.80	19.79	19.84	21.00
		12	0	18.77	18.77	18.73	20.00
		12	6	18.74	18.69	18.82	20.00
		12	13	18.82	18.78	18.65	20.00
		25	0	18.65	18.72	18.64	20.00
	64QAM	1	0	18.82	18.74	18.66	20.00
		1	13	18.76	18.70	18.68	20.00
		1	24	18.80	18.67	18.74	20.00
		12	0	17.79	17.78	17.73	19.00
		12	6	17.64	17.67	17.77	19.00
		12	13	17.75	17.64	17.71	19.00
		25	0	17.75	17.79	17.82	19.00
	256QAM	1	0	15.84	15.84	15.80	17.00
		1	13	15.74	15.74	15.66	17.00
		1	24	15.70	15.68	15.81	17.00
		12	0	15.64	15.79	15.68	17.00
		12	6	15.83	15.81	15.69	17.00
		12	13	15.71	15.81	15.78	17.00
		25	0	15.76	15.68	15.83	17.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				132022	132322	132622	
10MHz	QPSK	1	0	20.84	20.71	20.82	22.00
		1	25	20.64	20.63	20.83	22.00
		1	49	20.84	20.68	20.65	22.00
		25	0	19.81	19.75	19.83	21.00
		25	13	19.84	19.66	19.75	21.00
		25	25	19.76	19.83	19.66	21.00



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	16QAM	50	0	19.85	19.85	19.68	21.00	
		1	0	19.69	19.70	19.67	21.00	
		1	25	19.80	19.67	19.70	21.00	
		1	49	19.69	19.75	19.75	21.00	
		25	0	18.80	18.71	18.74	20.00	
		25	13	18.74	18.72	18.85	20.00	
		25	25	18.77	18.70	18.77	20.00	
		50	0	18.65	18.70	18.77	20.00	
	64QAM	1	0	18.70	18.75	18.74	20.00	
		1	25	18.70	18.75	18.76	20.00	
		1	49	18.76	18.77	18.74	20.00	
		25	0	17.80	17.74	17.84	19.00	
		25	13	17.78	17.81	17.82	19.00	
		25	25	17.73	17.77	17.75	19.00	
		50	0	17.69	17.70	17.67	19.00	
	256QAM	1	0	15.71	15.75	15.78	17.00	
		1	25	15.79	15.83	15.73	17.00	
		1	49	15.82	15.73	15.81	17.00	
		25	0	15.77	15.73	15.70	17.00	
		25	13	15.75	15.63	15.71	17.00	
		25	25	15.71	15.77	15.71	17.00	
		50	0	15.81	15.69	15.69	17.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132047	132322	132597	
	15MHz	QPSK	1	0	20.72	20.85	20.72	22.00
			1	38	20.68	20.83	20.81	22.00
			1	74	20.74	20.80	20.70	22.00
			36	0	19.76	19.82	19.63	21.00
36			18	19.83	19.73	19.81	21.00	
36			39	19.81	19.72	19.75	21.00	
75			0	19.81	19.71	19.84	21.00	
16QAM		1	0	19.80	19.69	19.71	21.00	
		1	38	19.66	19.83	19.69	21.00	
		1	74	19.68	19.75	19.70	21.00	
		36	0	18.76	18.78	18.80	20.00	
		36	18	18.77	18.74	18.72	20.00	
		36	39	18.71	18.83	18.72	20.00	
		75	0	18.77	18.69	18.73	20.00	
64QAM		1	0	18.69	18.79	18.67	20.00	
		1	38	18.76	18.72	18.83	20.00	
		1	74	18.73	18.69	18.82	20.00	
		36	0	17.85	17.84	17.77	19.00	
		36	18	17.81	17.76	17.80	19.00	
		36	39	17.80	17.68	17.79	19.00	
		75	0	17.77	17.69	17.71	19.00	
256QAM		1	0	15.75	15.82	15.73	17.00	
		1	38	15.68	15.81	15.77	17.00	
		1	74	15.68	15.79	15.76	17.00	
		36	0	15.80	15.80	15.68	17.00	
		36	18	15.72	15.75	15.77	17.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz		36	39	15.81	15.68	15.81	17.00
		75	0	15.68	15.83	15.76	17.00
	QPSK	1	0	20.86	20.88	20.78	22.00
		1	50	20.75	20.77	20.79	22.00
		1	99	20.67	20.84	20.68	22.00
		50	0	19.77	19.83	19.74	21.00
		50	25	19.83	19.78	19.63	21.00
		50	50	19.73	19.82	19.72	21.00
		100	0	19.73	19.69	19.82	21.00
	16QAM	1	0	19.64	19.81	19.74	21.00
		1	50	19.79	19.67	19.83	21.00
		1	99	19.81	19.69	19.84	21.00
		50	0	18.79	18.82	18.67	20.00
		50	25	18.79	18.65	18.63	20.00
		50	50	18.70	18.74	18.85	20.00
		100	0	18.79	18.85	18.79	20.00
	64QAM	1	0	18.70	18.73	18.67	20.00
		1	50	18.82	18.66	18.69	20.00
		1	99	18.82	18.68	18.68	20.00
		50	0	17.64	17.75	17.68	19.00
		50	25	17.69	17.64	17.65	19.00
		50	50	17.77	17.76	17.66	19.00
		100	0	17.83	17.67	17.81	19.00
	256QAM	1	0	15.76	15.70	15.65	17.00
		1	50	15.64	15.68	15.81	17.00
		1	99	15.75	15.76	15.77	17.00
		50	0	15.66	15.72	15.75	17.00
		50	25	15.82	15.67	15.82	17.00
		50	50	15.76	15.73	15.67	17.00
		100	0	15.74	15.84	15.75	17.00

LTE Band 66 DSI 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.13	20.27	20.33	21.50
		1	2	20.17	20.21	20.34	21.50
		1	5	20.27	20.31	20.25	21.50
		3	0	20.18	20.32	20.22	21.50
		3	1	20.22	20.26	20.22	21.50
		3	3	20.28	20.34	20.28	21.50
		6	0	19.65	19.85	19.63	21.00
	16QAM	1	0	19.83	19.78	19.74	21.00
		1	2	19.75	19.83	19.80	21.00
		1	5	19.79	19.68	19.68	21.00
		3	0	19.73	19.82	19.85	21.00
		3	1	19.72	19.82	19.83	21.00
		3	3	19.75	19.79	19.78	21.00



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	64QAM	6	0	18.77	18.83	18.67	20.00
		1	0	18.71	18.73	18.68	20.00
		1	2	18.75	18.71	18.67	20.00
		1	5	18.79	18.63	18.75	20.00
		3	0	18.79	18.70	18.75	20.00
		3	1	18.64	18.76	18.65	20.00
		3	3	18.75	18.79	18.71	20.00
		6	0	17.70	17.64	17.84	19.00
	256QAM	1	0	15.84	15.73	15.80	17.00
		1	2	15.69	15.79	15.64	17.00
		1	5	15.73	15.77	15.71	17.00
		3	0	15.70	15.71	15.75	17.00
		3	1	15.71	15.81	15.80	17.00
		3	3	15.72	15.83	15.81	17.00
6	0	15.82	15.66	15.83	17.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	20.16	20.13	20.27	21.50
		1	7	20.15	20.30	20.23	21.50
		1	14	20.21	20.25	20.23	21.50
		8	0	19.64	19.79	19.85	21.00
		8	4	19.84	19.80	19.67	21.00
		8	7	19.80	19.65	19.73	21.00
		15	0	19.71	19.81	19.81	21.00
	16QAM	1	0	19.66	19.77	19.71	21.00
		1	7	19.77	19.84	19.73	21.00
		1	14	19.82	19.71	19.69	21.00
		8	0	18.63	18.82	18.66	20.00
		8	4	18.82	18.71	18.74	20.00
		8	7	18.68	18.70	18.79	20.00
		15	0	18.78	18.81	18.76	20.00
	64QAM	1	0	18.82	18.67	18.71	20.00
		1	7	18.64	18.79	18.64	20.00
		1	14	18.74	18.66	18.70	20.00
		8	0	17.71	17.83	17.81	19.00
		8	4	17.82	17.79	17.76	19.00
		8	7	17.72	17.73	17.67	19.00
		15	0	17.64	17.79	17.72	19.00
	256QAM	1	0	15.66	15.65	15.81	17.00
		1	7	15.82	15.78	15.68	17.00
		1	14	15.68	15.64	15.78	17.00
		8	0	15.69	15.83	15.81	17.00
		8	4	15.81	15.75	15.73	17.00
		8	7	15.68	15.80	15.75	17.00
		15	0	15.84	15.71	15.82	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.27	20.28	20.29	21.50
		1	13	20.27	20.24	20.25	21.50
		1	24	20.31	20.24	20.15	21.50



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		12	0	19.69	19.66	19.84	21.00	
		12	6	19.67	19.84	19.81	21.00	
		12	13	19.66	19.72	19.65	21.00	
		25	0	19.73	19.78	19.82	21.00	
	16QAM	1	0	19.77	19.66	19.84	21.00	
		1	13	19.82	19.76	19.70	21.00	
		1	24	19.79	19.80	19.72	21.00	
		12	0	18.77	18.84	18.82	20.00	
		12	6	18.75	18.66	18.63	20.00	
		12	13	18.84	18.81	18.63	20.00	
		25	0	18.73	18.66	18.73	20.00	
	64QAM	1	0	18.78	18.72	18.65	20.00	
		1	13	18.75	18.64	18.81	20.00	
		1	24	18.69	18.72	18.82	20.00	
		12	0	17.65	17.80	17.82	19.00	
		12	6	17.78	17.78	17.73	19.00	
		12	13	17.67	17.74	17.83	19.00	
		25	0	17.65	17.85	17.68	19.00	
	256QAM	1	0	15.78	15.67	15.80	17.00	
		1	13	15.84	15.80	15.63	17.00	
		1	24	15.80	15.70	15.76	17.00	
		12	0	15.74	15.75	15.70	17.00	
		12	6	15.85	15.74	15.67	17.00	
		12	13	15.74	15.74	15.71	17.00	
		25	0	15.84	15.69	15.79	17.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	20.22	20.30	20.23	21.50
			1	25	20.21	20.20	20.23	21.50
1			49	20.20	20.28	20.15	21.50	
25			0	19.68	19.74	19.84	21.00	
25			13	19.75	19.82	19.85	21.00	
25			25	19.80	19.67	19.74	21.00	
50			0	19.85	19.64	19.80	21.00	
16QAM		1	0	19.83	19.80	19.80	21.00	
		1	25	19.81	19.77	19.76	21.00	
		1	49	19.77	19.67	19.77	21.00	
		25	0	18.66	18.83	18.68	20.00	
		25	13	18.74	18.81	18.66	20.00	
		25	25	18.71	18.71	18.85	20.00	
		50	0	18.75	18.72	18.77	20.00	
64QAM		1	0	18.72	18.68	18.64	20.00	
		1	25	18.71	18.77	18.84	20.00	
		1	49	18.67	18.66	18.83	20.00	
		25	0	17.65	17.82	17.72	19.00	
		25	13	17.72	17.72	17.64	19.00	
		25	25	17.75	17.70	17.82	19.00	
		50	0	17.68	17.81	17.69	19.00	
256QAM		1	0	15.76	15.83	15.68	17.00	
		1	25	15.63	15.65	15.78	17.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
		1	49	15.65	15.74	15.65	17.00	
		25	0	15.74	15.78	15.65	17.00	
		25	13	15.72	15.71	15.73	17.00	
		25	25	15.67	15.84	15.80	17.00	
		50	0	15.76	15.73	15.70	17.00	
15MHz	QPSK	1	0	20.22	20.23	20.29	21.50	
1		38	20.13	20.29	20.14	21.50		
	QPSK	1	74	20.31	20.27	20.30	21.50	
		36	0	19.73	19.70	19.81	21.00	
		36	18	19.75	19.84	19.66	21.00	
		36	39	19.81	19.81	19.75	21.00	
		75	0	19.75	19.78	19.75	21.00	
		16QAM	1	0	19.64	19.81	19.82	21.00
	1		38	19.71	19.72	19.80	21.00	
	1		74	19.65	19.78	19.72	21.00	
	36		0	18.70	18.84	18.65	20.00	
	36		18	18.77	18.72	18.75	20.00	
	36		39	18.68	18.82	18.84	20.00	
	64QAM	75	0	18.80	18.66	18.82	20.00	
		1	0	18.77	18.72	18.78	20.00	
		1	38	18.68	18.81	18.70	20.00	
		1	74	18.76	18.66	18.81	20.00	
		36	0	17.71	17.73	17.83	19.00	
		36	18	17.76	17.80	17.64	19.00	
	256QAM	36	39	17.68	17.80	17.82	19.00	
		75	0	17.65	17.84	17.63	19.00	
		1	0	15.67	15.84	15.64	17.00	
		1	38	15.66	15.79	15.70	17.00	
		1	74	15.65	15.79	15.82	17.00	
		36	0	15.68	15.80	15.72	17.00	
	20MHz	QPSK	36	18	15.82	15.69	15.68	17.00
	36		39	15.78	15.65	15.80	17.00	
		QPSK	75	0	15.66	15.69	15.69	17.00
			1	0	20.44	20.55	20.42	21.50
			1	50	20.17	20.34	20.24	21.50
1			99	20.30	20.14	20.33	21.50	
50			0	19.72	19.87	19.81	21.00	
50			25	19.67	19.81	19.70	21.00	
50			50	19.79	19.68	19.71	21.00	
16QAM		100	0	19.77	19.77	19.85	21.00	
		1	0	19.85	19.77	19.68	21.00	
		1	50	19.68	19.79	19.63	21.00	
		1	99	19.73	19.70	19.72	21.00	
	50	0	18.85	18.83	18.76	20.00		
		50	25	18.76	18.75	18.70	20.00	
		50	50	18.70	18.82	18.82	20.00	



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	64QAM	100	0	18.66	18.73	18.66	20.00
		1	0	18.73	18.70	18.75	20.00
		1	50	18.63	18.72	18.75	20.00
		1	99	18.76	18.81	18.66	20.00
		50	0	17.77	17.71	17.80	19.00
		50	25	17.65	17.83	17.78	19.00
		50	50	17.73	17.65	17.73	19.00
		100	0	17.64	17.82	17.73	19.00
	256QAM	1	0	15.70	15.66	15.72	17.00
		1	50	15.79	15.68	15.73	17.00
		1	99	15.73	15.64	15.64	17.00
		50	0	15.63	15.75	15.68	17.00
		50	25	15.84	15.80	15.66	17.00
		50	50	15.70	15.76	15.67	17.00
		100	0	15.70	15.65	15.78	17.00

LTE Band 38 DSI 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	19.29	19.42	19.26	20.00
		1	13	19.34	19.33	19.28	20.00
		1	24	19.29	19.33	19.41	20.00
		12	0	19.23	19.38	19.32	20.00
		12	6	19.31	19.40	19.26	20.00
		12	13	19.28	19.37	19.40	20.00
		25	0	19.28	19.36	19.35	20.00
	16QAM	1	0	19.27	19.32	19.30	20.00
		1	13	19.37	19.31	19.41	20.00
		1	24	19.34	19.44	19.26	20.00
		12	0	19.24	19.39	19.26	20.00
		12	6	19.40	19.25	19.27	20.00
		12	13	19.43	19.41	19.40	20.00
		25	0	19.30	19.32	19.28	20.00
	64QAM	1	0	19.26	19.33	19.35	20.00
		1	13	19.43	19.39	19.43	20.00
		1	24	19.45	19.42	19.27	20.00
		12	0	18.36	18.32	18.26	19.00
		12	6	18.42	18.28	18.38	19.00
		12	13	18.24	18.35	18.28	19.00
		25	0	18.44	18.29	18.34	19.00
	256QAM	1	0	16.24	16.38	16.30	17.00
		1	13	16.41	16.25	16.29	17.00
		1	24	16.29	16.41	16.32	17.00
		12	0	16.25	16.28	16.42	17.00
		12	6	16.41	16.44	16.32	17.00
		12	13	16.40	16.40	16.40	17.00
		25	0	16.30	16.40	16.41	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	



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10MHz	QPSK	1	0	19.42	19.24	19.34	20.00
		1	25	19.27	19.34	19.27	20.00
		1	49	19.42	19.24	19.27	20.00
		25	0	19.44	19.41	19.30	20.00
		25	13	19.42	19.40	19.31	20.00
		25	25	19.31	19.37	19.23	20.00
		50	0	19.39	19.41	19.26	20.00
	16QAM	1	0	19.33	19.32	19.45	20.00
		1	25	19.25	19.36	19.24	20.00
		1	49	19.25	19.24	19.34	20.00
		25	0	19.25	19.33	19.39	20.00
		25	13	19.34	19.44	19.34	20.00
		25	25	19.37	19.29	19.35	20.00
		50	0	19.34	19.42	19.32	20.00
	64QAM	1	0	19.39	19.37	19.23	20.00
		1	25	19.26	19.43	19.36	20.00
		1	49	19.25	19.27	19.41	20.00
		25	0	18.25	18.32	18.28	19.00
		25	13	18.45	18.41	18.25	19.00
		25	25	18.34	18.38	18.29	19.00
		50	0	18.30	18.27	18.31	19.00
256QAM	1	0	16.30	16.41	16.45	17.00	
	1	25	16.27	16.37	16.41	17.00	
	1	49	16.32	16.29	16.42	17.00	
	25	0	16.30	16.33	16.23	17.00	
	25	13	16.30	16.34	16.29	17.00	
	25	25	16.25	16.30	16.28	17.00	
	50	0	16.39	16.40	16.24	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	19.35	19.31	19.42	20.00
		1	38	19.26	19.28	19.39	20.00
		1	74	19.45	19.44	19.33	20.00
		36	0	19.31	19.26	19.32	20.00
		36	18	19.44	19.28	19.30	20.00
		36	39	19.38	19.38	19.41	20.00
		75	0	19.25	19.32	19.31	20.00
	16QAM	1	0	19.33	19.24	19.33	20.00
		1	38	19.38	19.30	19.33	20.00
		1	74	19.23	19.34	19.39	20.00
		36	0	19.31	19.26	19.25	20.00
		36	18	19.32	19.32	19.43	20.00
		36	39	19.43	19.38	19.34	20.00
		75	0	19.34	19.36	19.34	20.00
	64QAM	1	0	19.33	19.30	19.27	20.00
		1	38	19.29	19.30	19.43	20.00
		1	74	19.38	19.44	19.26	20.00
		36	0	18.27	18.38	18.35	19.00
36		18	18.32	18.44	18.39	19.00	
36		39	18.31	18.25	18.33	19.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	38000	/		
20MHz	256QAM	75	0	18.36	18.43	18.34	19.00	
		1	0	16.35	16.35	16.35	17.00	
		1	38	16.25	16.40	16.35	17.00	
		1	74	16.42	16.34	16.23	17.00	
		36	0	16.31	16.34	16.26	17.00	
		36	18	16.32	16.26	16.29	17.00	
		36	39	16.32	16.25	16.28	17.00	
		75	0	16.27	16.40	16.25	17.00	
	20MHz	QPSK	1	0	/	19.62	/	20.00
			1	50	/	19.40	/	20.00
			1	99	/	19.39	/	20.00
			50	0	/	19.55	/	20.00
			50	25	/	19.34	/	20.00
			50	50	/	19.35	/	20.00
			100	0	/	19.29	/	20.00
			16QAM	1	0	/	19.37	/
		1		50	/	19.25	/	20.00
		1		99	/	19.23	/	20.00
		50		0	/	19.29	/	20.00
		50		25	/	19.27	/	20.00
		50		50	/	19.39	/	20.00
		100		0	/	19.25	/	20.00
		64QAM		1	0	/	19.36	/
			1	50	/	19.41	/	20.00
			1	99	/	19.39	/	20.00
			50	0	/	18.44	/	19.00
			50	25	/	18.24	/	19.00
			50	50	/	18.40	/	19.00
100			0	/	18.37	/	19.00	
256QAM			1	0	/	16.41	/	17.00
		1	50	/	16.41	/	17.00	
		1	99	/	16.30	/	17.00	
		50	0	/	16.34	/	17.00	
		50	25	/	16.37	/	17.00	
		50	50	/	16.30	/	17.00	
		100	0	/	16.32	/	17.00	

LTE Band 38 DSI 4&5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.33	21.37	21.33	22.00
		1	13	21.31	21.28	21.40	22.00
		1	24	21.27	21.42	21.26	22.00
		12	0	20.43	20.42	20.45	21.00
		12	6	20.38	20.45	20.28	21.00
		12	13	20.37	20.32	20.35	21.00
		25	0	20.44	20.31	20.43	21.00



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	16QAM	1	0	20.36	20.27	20.35	21.00
		1	13	20.31	20.35	20.43	21.00
		1	24	20.35	20.41	20.37	21.00
		12	0	19.40	19.41	19.44	20.00
		12	6	19.35	19.37	19.44	20.00
		12	13	19.35	19.45	19.42	20.00
		25	0	19.30	19.38	19.36	20.00
	64QAM	1	0	19.38	19.37	19.30	20.00
		1	13	19.23	19.38	19.30	20.00
		1	24	19.43	19.23	19.42	20.00
		12	0	18.36	18.45	18.27	19.00
		12	6	18.27	18.44	18.26	19.00
		12	13	18.36	18.28	18.31	19.00
	256QAM	25	0	18.28	18.43	18.31	19.00
		1	0	16.44	16.26	16.35	17.00
		1	13	16.40	16.27	16.36	17.00
		1	24	16.25	16.40	16.40	17.00
		12	0	16.42	16.29	16.28	17.00
		12	6	16.26	16.41	16.40	17.00
		12	13	16.27	16.36	16.40	17.00
	25	0	16.36	16.28	16.27	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	21.32	21.25	21.42	22.00
		1	25	21.39	21.40	21.33	22.00
		1	49	21.41	21.35	21.32	22.00
		25	0	20.32	20.27	20.32	21.00
		25	13	20.35	20.41	20.45	21.00
		25	25	20.30	20.38	20.24	21.00
		50	0	20.27	20.27	20.24	21.00
	16QAM	1	0	20.43	20.37	20.35	21.00
		1	25	20.25	20.39	20.38	21.00
		1	49	20.43	20.32	20.31	21.00
		25	0	19.44	19.27	19.24	20.00
		25	13	19.40	19.44	19.31	20.00
		25	25	19.31	19.29	19.35	20.00
		50	0	19.31	19.29	19.25	20.00
	64QAM	1	0	19.28	19.27	19.39	20.00
		1	25	19.35	19.41	19.36	20.00
		1	49	19.40	19.32	19.40	20.00
		25	0	18.32	18.34	18.43	19.00
		25	13	18.43	18.44	18.33	19.00
		25	25	18.44	18.28	18.32	19.00
		50	0	18.25	18.44	18.37	19.00
	256QAM	1	0	16.25	16.41	16.24	17.00
		1	25	16.29	16.28	16.23	17.00
		1	49	16.38	16.25	16.27	17.00
		25	0	16.23	16.37	16.32	17.00
		25	13	16.38	16.45	16.26	17.00
		25	25	16.34	16.23	16.24	17.00



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Bandwidth	Modulation	50	0	16.25	16.35	16.37	17.00
		RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	21.41	21.24	21.33	22.00
		1	38	21.36	21.41	21.35	22.00
		1	74	21.43	21.31	21.29	22.00
		36	0	20.37	20.27	20.39	21.00
		36	18	20.25	20.39	20.35	21.00
		36	39	20.41	20.33	20.40	21.00
		75	0	20.24	20.44	20.36	21.00
	16QAM	1	0	20.30	20.32	20.37	21.00
		1	38	20.29	20.24	20.39	21.00
		1	74	20.30	20.41	20.35	21.00
		36	0	19.23	19.39	19.28	20.00
		36	18	19.33	19.32	19.33	20.00
		36	39	19.27	19.44	19.25	20.00
		75	0	19.44	19.44	19.25	20.00
	64QAM	1	0	19.31	19.44	19.29	20.00
		1	38	19.45	19.35	19.29	20.00
		1	74	19.28	19.24	19.29	20.00
		36	0	18.43	18.32	18.38	19.00
		36	18	18.40	18.45	18.44	19.00
		36	39	18.33	18.31	18.31	19.00
		75	0	18.26	18.42	18.24	19.00
	256QAM	1	0	16.39	16.31	16.26	17.00
		1	38	16.39	16.33	16.33	17.00
		1	74	16.43	16.26	16.25	17.00
		36	0	16.24	16.34	16.40	17.00
		36	18	16.37	16.31	16.43	17.00
		36	39	16.35	16.42	16.33	17.00
		75	0	16.36	16.42	16.34	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	/	21.45	/	22.00
		1	50	/	21.26	/	22.00
		1	99	/	21.29	/	22.00
		50	0	/	20.56	/	21.00
		50	25	/	20.32	/	21.00
		50	50	/	20.41	/	21.00
		100	0	/	20.30	/	21.00
	16QAM	1	0	/	20.43	/	21.00
		1	50	/	20.29	/	21.00
		1	99	/	20.32	/	21.00
		50	0	/	19.36	/	20.00
		50	25	/	19.27	/	20.00
		50	50	/	19.36	/	20.00
		100	0	/	19.33	/	20.00
	64QAM	1	0	/	19.40	/	20.00
		1	50	/	19.35	/	20.00
		1	99	/	19.27	/	20.00



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		50	0	/	18.45	/	19.00
		50	25	/	18.39	/	19.00
		50	50	/	18.32	/	19.00
		100	0	/	18.40	/	19.00
	256QAM	1	0	/	16.43	/	17.00
		1	50	/	16.41	/	17.00
		1	99	/	16.31	/	17.00
		50	0	/	16.31	/	17.00
		50	25	/	16.30	/	17.00
		50	50	/	16.25	/	17.00
		100	0	/	16.26	/	17.00

LTE Band 41(2496~2690) DSI 1				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	19.38	19.26	19.4	19.23	19.3	20.00	
		1	13	19.33	19.42	19.25	19.35	19.24	20.00	
		1	24	19.25	19.26	19.44	19.3	19.31	20.00	
		12	0	19.3	19.3	19.28	19.41	19.35	20.00	
		12	6	19.37	19.36	19.32	19.39	19.37	20.00	
		12	13	19.23	19.24	19.27	19.34	19.42	20.00	
		25	0	19.24	19.42	19.4	19.37	19.29	20.00	
	16QAM	1	0	19.41	19.43	19.3	19.32	19.34	20.00	
		1	13	19.44	19.36	19.27	19.27	19.3	20.00	
		1	24	19.44	19.43	19.3	19.45	19.44	20.00	
		12	0	19.27	19.25	19.4	19.39	19.32	20.00	
		12	6	19.34	19.25	19.32	19.38	19.39	20.00	
		12	13	19.27	19.3	19.38	19.24	19.32	20.00	
		25	0	19.4	19.43	19.3	19.41	19.24	20.00	
	64QAM	1	0	19.43	19.27	19.37	19.33	19.26	20.00	
		1	13	19.31	19.39	19.28	19.31	19.26	20.00	
		1	24	19.39	19.38	19.28	19.41	19.39	20.00	
		12	0	18.26	18.43	18.34	18.36	18.40	19.00	
		12	6	18.44	18.39	18.26	18.27	18.29	19.00	
		12	13	18.27	18.27	18.44	18.27	18.42	19.00	
		25	0	18.35	18.31	18.43	18.34	18.25	19.00	
	256QAM	1	0	16.31	16.30	16.25	16.42	16.24	17.00	
		1	13	16.30	16.27	16.44	16.40	16.37	17.00	
		1	24	16.40	16.29	16.42	16.37	16.39	17.00	
		12	0	16.36	16.30	16.25	16.39	16.27	17.00	
		12	6	16.37	16.30	16.35	16.41	16.27	17.00	
		12	13	16.35	16.32	16.23	16.39	16.23	17.00	
		25	0	16.25	16.29	16.25	16.26	16.36	17.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	19.42	19.26	19.39	19.35	19.4	20.00	
		1	25	19.29	19.29	19.35	19.41	19.31	20.00	
		1	49	19.3	19.38	19.33	19.28	19.26	20.00	
		25	0	19.24	19.38	19.31	19.28	19.38	20.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	16QAM	25	13	19.33	19.41	19.41	19.29	19.31	20.00	
		25	25	19.42	19.31	19.37	19.35	19.27	20.00	
		50	0	19.4	19.34	19.42	19.38	19.32	20.00	
		1	0	19.36	19.29	19.31	19.24	19.41	20.00	
		1	25	19.4	19.4	19.36	19.26	19.26	20.00	
		1	49	19.23	19.31	19.27	19.26	19.24	20.00	
		25	0	19.23	19.42	19.31	19.37	19.39	20.00	
		25	13	19.42	19.36	19.27	19.33	19.24	20.00	
		25	25	19.38	19.24	19.41	19.29	19.32	20.00	
	50	0	19.27	19.33	19.36	19.24	19.4	20.00		
	64QAM	1	0	19.38	19.34	19.45	19.25	19.24	20.00	
		1	25	19.35	19.35	19.43	19.38	19.24	20.00	
		1	49	19.30	19.43	19.26	19.25	19.30	20.00	
		25	0	18.28	18.27	18.25	18.27	18.43	19.00	
		25	13	18.33	18.24	18.30	18.36	18.24	19.00	
		25	25	18.37	18.29	18.25	18.23	18.32	19.00	
		50	0	18.24	18.28	18.26	18.44	18.36	19.00	
	256QAM	1	0	16.44	16.26	16.43	16.38	16.24	17.00	
		1	25	16.43	16.44	16.41	16.38	16.37	17.00	
		1	49	16.37	16.44	16.27	16.28	16.30	17.00	
		25	0	16.33	16.29	16.31	16.32	16.41	17.00	
		25	13	16.23	16.25	16.38	16.37	16.27	17.00	
		25	25	16.28	16.43	16.33	16.27	16.42	17.00	
		50	0	16.38	16.33	16.40	16.44	16.23	17.00	
	15MHz	QPSK	1	0	19.3	19.27	19.3	19.27	19.29	20.00
			1	38	19.3	19.28	19.25	19.37	19.44	20.00
			1	74	19.28	19.45	19.36	19.34	19.44	20.00
			36	0	19.43	19.36	19.25	19.38	19.3	20.00
			36	18	19.24	19.26	19.25	19.33	19.28	20.00
			36	39	19.34	19.25	19.44	19.41	19.25	20.00
75			0	19.38	19.39	19.38	19.3	19.3	20.00	
16QAM		1	0	19.45	19.42	19.25	19.44	19.24	20.00	
		1	38	19.31	19.44	19.32	19.24	19.39	20.00	
		1	74	19.25	19.29	19.42	19.39	19.41	20.00	
		36	0	19.44	19.34	19.39	19.45	19.43	20.00	
		36	18	19.44	19.44	19.44	19.4	19.29	20.00	
		36	39	19.44	19.38	19.39	19.35	19.44	20.00	
		75	0	19.29	19.3	19.29	19.36	19.32	20.00	
64QAM		1	0	19.26	19.35	19.31	19.35	19.41	20.00	
		1	38	19.35	19.40	19.40	19.39	19.23	20.00	
		1	74	19.40	19.26	19.39	19.45	19.28	20.00	
		36	0	18.43	18.37	18.43	18.41	18.39	19.00	
		36	18	18.44	18.38	18.40	18.39	18.30	19.00	
		36	39	18.32	18.30	18.36	18.38	18.31	19.00	
		75	0	18.40	18.43	18.39	18.43	18.33	19.00	
256QAM		1	0	16.25	16.28	16.43	16.35	16.38	17.00	
		1	38	16.36	16.24	16.25	16.35	16.31	17.00	
		1	74	16.38	16.24	16.27	16.43	16.32	17.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
20MHz	QPSK	36	0	16.26	16.40	16.43	16.28	16.27	17.00	
		36	18	16.24	16.37	16.41	16.27	16.44	17.00	
		36	39	16.29	16.39	16.23	16.45	16.26	17.00	
		75	0	16.41	16.24	16.29	16.31	16.31	17.00	
	16QAM	QPSK	1	0	19.62	19.64	19.65	19.59	19.59	20.00
			1	50	19.5	19.54	19.42	19.43	19.47	20.00
			1	99	19.33	19.49	19.42	19.48	19.37	20.00
			50	0	19.55	19.57	19.62	19.54	19.58	20.00
			50	25	19.48	19.52	19.41	19.46	19.47	20.00
			50	50	19.54	19.48	19.4	19.42	19.47	20.00
		16QAM	100	0	19.41	19.35	19.51	19.41	19.51	20.00
			1	0	19.38	19.46	19.37	19.53	19.52	20.00
			1	50	19.52	19.48	19.39	19.38	19.36	20.00
			1	99	19.36	19.39	19.49	19.43	19.55	20.00
			50	0	19.43	19.36	19.4	19.39	19.5	20.00
			50	25	19.49	19.41	19.49	19.35	19.35	20.00
		64QAM	50	50	19.44	19.46	19.39	19.49	19.51	20.00
			100	0	19.38	19.49	19.41	19.54	19.48	20.00
			1	0	19.38	19.47	19.49	19.46	19.54	20.00
			1	50	19.48	19.38	19.36	19.53	19.54	20.00
			1	99	19.38	19.55	19.34	19.36	19.49	20.00
			50	0	18.52	18.37	18.39	18.40	18.39	19.00
		256QAM	50	25	18.50	18.41	18.41	18.46	18.52	19.00
			50	50	18.42	18.41	18.51	18.46	18.54	19.00
			100	0	18.39	18.52	18.36	18.46	18.51	19.00
			1	0	16.54	16.36	16.37	16.36	16.52	17.00
			1	50	16.49	16.41	16.33	16.52	16.50	17.00
			1	99	16.48	16.34	16.36	16.47	16.50	17.00
	256QAM	50	0	16.52	16.46	16.38	16.54	16.38	17.00	
		50	25	16.44	16.49	16.37	16.38	16.41	17.00	
		50	50	16.49	16.34	16.54	16.42	16.39	17.00	
		100	0	16.42	16.46	16.38	16.38	16.47	17.00	

LTE Band 41(2496~2690) DSI 4&5				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	21.38	21.53	21.4	21.49	21.35	22.00
		1	13	21.42	21.42	21.53	21.54	21.37	22.00
		1	24	21.33	21.35	21.51	21.39	21.44	22.00
		12	0	20.38	20.52	20.41	20.53	20.47	21.00
		12	6	20.51	20.43	20.49	20.44	20.5	21.00
		12	13	20.43	20.47	20.47	20.36	20.39	21.00
	16QAM	25	0	20.4	20.4	20.44	20.44	20.35	21.00
		1	0	20.35	20.43	20.45	20.43	20.41	21.00
		1	13	20.39	20.4	20.52	20.37	20.42	21.00
		1	24	20.54	20.36	20.35	20.38	20.33	21.00
		12	0	19.39	19.4	19.49	19.54	19.34	20.00



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	64QAM	12	6	19.53	19.54	19.42	19.43	19.34	20.00	
		12	13	19.47	19.46	19.53	19.41	19.34	20.00	
		25	0	19.46	19.48	19.41	19.37	19.33	20.00	
		1	0	19.51	19.55	19.47	19.37	19.34	20.00	
		1	13	19.50	19.39	19.44	19.49	19.39	20.00	
		1	24	19.33	19.35	19.50	19.39	19.38	20.00	
		12	0	18.50	18.45	18.40	18.42	18.49	19.00	
		12	6	18.35	18.50	18.55	18.52	18.34	19.00	
		12	13	18.40	18.47	18.50	18.42	18.55	19.00	
	25	0	18.47	18.37	18.40	18.38	18.50	19.00		
	256QAM	1	0	16.34	16.35	16.35	16.38	16.48	17.00	
		1	13	16.41	16.44	16.49	16.47	16.52	17.00	
		1	24	16.52	16.43	16.47	16.40	16.42	17.00	
		12	0	16.41	16.40	16.47	16.47	16.48	17.00	
		12	6	16.40	16.53	16.44	16.34	16.51	17.00	
		12	13	16.45	16.44	16.42	16.36	16.37	17.00	
		25	0	16.45	16.52	16.44	16.45	16.51	17.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				39700	40160	40620	41080	41540		
<b>10MHz</b>	QPSK	1	0	21.51	21.49	21.41	21.49	21.4	22.00	
		1	25	21.4	21.46	21.53	21.44	21.37	22.00	
		1	49	21.48	21.52	21.45	21.5	21.47	22.00	
		25	0	20.36	20.34	20.55	20.4	20.42	21.00	
		25	13	20.49	20.39	20.43	20.5	20.42	21.00	
		25	25	20.55	20.45	20.46	20.42	20.55	21.00	
		50	0	20.35	20.54	20.36	20.53	20.53	21.00	
	16QAM	1	0	20.46	20.37	20.35	20.49	20.4	21.00	
		1	25	20.34	20.43	20.33	20.48	20.52	21.00	
		1	49	20.44	20.5	20.41	20.45	20.34	21.00	
		25	0	19.34	19.37	19.36	19.41	19.46	20.00	
		25	13	19.46	19.53	19.4	19.38	19.41	20.00	
		25	25	19.5	19.46	19.51	19.54	19.43	20.00	
		50	0	19.39	19.39	19.51	19.4	19.53	20.00	
	64QAM	1	0	19.49	19.49	19.55	19.34	19.38	20.00	
		1	25	19.48	19.52	19.51	19.47	19.35	20.00	
		1	49	19.43	19.42	19.44	19.43	19.33	20.00	
		25	0	18.42	18.51	18.48	18.45	18.51	19.00	
		25	13	18.43	18.35	18.44	18.37	18.43	19.00	
		25	25	18.36	18.50	18.53	18.53	18.37	19.00	
		50	0	18.48	18.37	18.39	18.38	18.37	19.00	
	256QAM	1	0	16.49	16.50	16.44	16.43	16.39	17.00	
		1	25	16.42	16.51	16.47	16.36	16.37	17.00	
		1	49	16.46	16.50	16.39	16.38	16.50	17.00	
		25	0	16.49	16.36	16.51	16.47	16.51	17.00	
		25	13	16.36	16.45	16.35	16.33	16.42	17.00	
		25	25	16.52	16.46	16.42	16.38	16.34	17.00	
		50	0	16.34	16.48	16.37	16.51	16.37	17.00	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
	<b>15MHz</b>	<b>QPSK</b>	<b>1</b>	<b>0</b>	<b>39725</b>	<b>40173</b>	<b>40620</b>	<b>41068</b>	<b>41515</b>	<b>22.00</b>



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		1	38	21.45	21.49	21.36	21.4	21.49	22.00
		1	74	21.4	21.5	21.5	21.47	21.33	22.00
		36	0	20.39	20.54	20.45	20.4	20.51	21.00
		36	18	20.49	20.38	20.48	20.42	20.33	21.00
		36	39	20.48	20.36	20.52	20.5	20.44	21.00
		75	0	20.44	20.5	20.36	20.49	20.4	21.00
		1	0	20.52	20.36	20.43	20.36	20.48	21.00
	16QAM	1	38	20.48	20.36	20.36	20.41	20.39	21.00
		1	74	20.45	20.53	20.34	20.39	20.47	21.00
		36	0	19.51	19.44	19.43	19.5	19.41	20.00
		36	18	19.53	19.49	19.42	19.48	19.54	20.00
		36	39	19.41	19.44	19.51	19.48	19.5	20.00
		75	0	19.55	19.53	19.49	19.55	19.54	20.00
		1	0	19.43	19.44	19.43	19.50	19.34	20.00
	64QAM	1	38	19.49	19.47	19.45	19.41	19.40	20.00
		1	74	19.35	19.44	19.51	19.48	19.35	20.00
		36	0	18.39	18.46	18.51	18.34	18.46	19.00
		36	18	18.54	18.35	18.44	18.53	18.50	19.00
		36	39	18.39	18.33	18.53	18.46	18.44	19.00
		75	0	18.44	18.39	18.38	18.52	18.51	19.00
		1	0	16.36	16.52	16.46	16.51	16.43	17.00
	256QAM	1	38	16.36	16.36	16.43	16.41	16.47	17.00
		1	74	16.51	16.48	16.34	16.49	16.39	17.00
		36	0	16.42	16.35	16.34	16.38	16.38	17.00
		36	18	16.47	16.34	16.37	16.51	16.53	17.00
		36	39	16.51	16.51	16.45	16.47	16.42	17.00
		75	0	16.39	16.53	16.41	16.48	16.43	17.00
		<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
				39750	40185	40620	41055	41490	
<b>20MHz</b>	QPSK	1	0	21.64	21.68	21.75	21.69	21.61	22.00
		1	50	21.50	21.52	21.47	21.47	21.58	22.00
		1	99	21.59	21.60	21.55	21.53	21.56	22.00
		50	0	20.70	20.76	20.83	20.81	20.71	21.00
		50	25	20.45	20.65	20.56	20.64	20.63	21.00
		50	50	20.57	20.44	20.43	20.65	20.45	21.00
		100	0	20.55	20.57	20.46	20.43	20.62	21.00
	16QAM	1	0	20.53	20.62	20.46	20.57	20.64	21.00
		1	50	20.62	20.51	20.43	20.63	20.49	21.00
		1	99	20.62	20.45	20.49	20.54	20.56	21.00
		50	0	19.45	19.63	19.43	19.46	19.61	20.00
		50	25	19.59	19.64	19.58	19.46	19.49	20.00
		50	50	19.50	19.60	19.64	19.60	19.47	20.00
		100	0	19.53	19.54	19.58	19.49	19.58	20.00
	64QAM	1	0	19.52	19.60	19.56	19.62	19.52	20.00
		1	50	19.50	19.61	19.46	19.57	19.64	20.00
		1	99	19.49	19.57	19.48	19.46	19.58	20.00
		50	0	18.48	18.43	18.48	18.61	18.45	19.00
		50	25	18.54	18.52	18.45	18.43	18.43	19.00
		50	50	18.65	18.63	18.52	18.45	18.60	19.00
		100	0	18.61	18.44	18.60	18.47	18.61	19.00



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	256QAM	1	0	16.62	16.54	16.46	16.49	16.59	17.00
		1	50	16.55	16.55	16.46	16.64	16.47	17.00
		1	99	16.60	16.57	16.55	16.52	16.49	17.00
		50	0	16.50	16.64	16.65	16.50	16.61	17.00
		50	25	16.49	16.45	16.44	16.62	16.51	17.00
		50	50	16.62	16.58	16.45	16.47	16.43	17.00
		100	0	16.65	16.46	16.52	16.54	16.60	17.00

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## 2 Conducted Power of UL CA

### 2.1 Conducted Power of UL CA (Ant0)

Combination	Modulation	PCC					SCC					DSI1&4	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	24.14	25.50
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	24.09	25.50
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	24.19	25.50
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	24.11	25.50

Combination	Modulation	PCC					SCC					DSI2&3&5	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	22.39	23.50
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	22.35	23.50
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	22.42	23.50
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	22.41	23.50

Combination	Modulation	PCC					SCC					DSI1&2&3&4&5	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	99	38	20	38048	1	0	24.22	25.50
CA_38C	QPSK	38	20	37901	1	99	38	20	38099	1	0	24.16	25.50
CA_38C	QPSK	38	20	38099	1	0	38	20	37901	1	99	24.29	25.50
CA_38C	QPSK	38	20	38150	1	0	38	20	37952	1	99	24.14	25.50

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### 2.2 Conducted Power of UL CA (Ant2)

Combination	Modulation	PCC					SCC					DSI1&3&5	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	17.18	18.50
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	17.22	18.50
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	17.26	18.50
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	17.12	18.50

Combination	Modulation	PCC					SCC					DSI2&4	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	24.18	25.50
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	24.11	25.50
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	24.22	25.50
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	24.09	25.50

Combination	Modulation	PCC					SCC					DSI1&5	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	99	38	20	38048	1	0	18.75	20.00
CA_38C	QPSK	38	20	37901	1	99	38	20	38099	1	0	18.78	20.00
CA_38C	QPSK	38	20	38099	1	0	38	20	37901	1	99	18.85	20.00
CA_38C	QPSK	38	20	38150	1	0	38	20	37952	1	99	18.81	20.00

Combination	Modulation	PCC					SCC					DSI2&4	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	99	38	20	38048	1	0	24.21	25.50
CA_38C	QPSK	38	20	37901	1	99	38	20	38099	1	0	24.26	25.50
CA_38C	QPSK	38	20	38099	1	0	38	20	37901	1	99	24.33	25.50
CA_38C	QPSK	38	20	38150	1	0	38	20	37952	1	99	24.18	25.50

Combination	Modulation	PCC					SCC					DSI3	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	99	38	20	38048	1	0	21.19	22.50
CA_38C	QPSK	38	20	37901	1	99	38	20	38099	1	0	21.25	22.50
CA_38C	QPSK	38	20	38099	1	0	38	20	37901	1	99	21.28	22.50
CA_38C	QPSK	38	20	38150	1	0	38	20	37952	1	99	21.22	22.50



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### 2.3 Conducted Power of UL CA (Ant3)

Combination	Modulation	PCC					SCC					DSI1	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	20.55	21.00
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	20.54	21.00
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	20.61	21.00
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	20.57	21.00

Combination	Modulation	PCC					SCC					DSI4&5	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	21.51	22.00
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	21.46	22.00
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	21.53	22.00
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	21.49	22.00

Combination	Modulation	PCC					SCC					DSI1	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	99	38	20	38048	1	0	19.51	20.00
CA_38C	QPSK	38	20	37901	1	99	38	20	38099	1	0	19.53	20.00
CA_38C	QPSK	38	20	38099	1	0	38	20	37901	1	99	19.58	20.00
CA_38C	QPSK	38	20	38150	1	0	38	20	37952	1	99	19.49	20.00

Combination	Modulation	PCC					SCC					DSI4&5	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	99	38	20	38048	1	0	21.38	22.00
CA_38C	QPSK	38	20	37901	1	99	38	20	38099	1	0	21.41	22.00
CA_38C	QPSK	38	20	38099	1	0	38	20	37901	1	99	21.43	22.00
CA_38C	QPSK	38	20	38150	1	0	38	20	37952	1	99	21.35	22.00



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### 3 Conducted Power of WIFI and Bluetooth

#### 3.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant4					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	14.84	16.00
	6	2437		15.03	16.00
	11	2462		14.82	16.00
802.11g	1	2412	6	16.57	18.00
	6	2437		16.82	18.00
	11	2462		16.61	18.00
802.11n HT20	1	2412	6.5	16.52	18.00
	6	2437		16.73	18.00
	11	2462		16.52	18.00

WIFI 2.4G Ant4_DSI1					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	13.71	15.00
	6	2437		13.83	15.00
	11	2462		13.78	15.00
802.11g	1	2412	6	13.79	15.00
	6	2437		13.86	15.00
	11	2462		13.74	15.00
802.11n HT20	1	2412	6.5	13.55	15.00
	6	2437		13.68	15.00
	11	2462		13.59	15.00



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## 3.2 Conducted Power of 5G WIFI

WIFI 5G Ant5					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	17.82	19.50
		40	5200	17.89	19.50
		44	5220	17.90	19.50
		48	5240	17.88	19.50
	802.11n HT20	36	5180	15.88	17.50
		40	5200	15.89	17.50
		44	5220	15.81	17.50
		48	5240	15.84	17.50
	802.11n HT40	38	5190	14.87	16.50
		46	5230	14.88	16.50
	802.11ac VHT20	36	5180	15.80	17.50
		40	5200	15.83	17.50
		44	5220	15.80	17.50
		48	5240	15.85	17.50
	802.11ac VHT40	38	5190	14.83	16.50
		46	5230	14.89	16.50
802.11ac VHT80	42	5210	13.68	15.50	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	18.20	19.50
		56	5280	17.79	19.50
		60	5300	17.72	19.50
		64	5320	17.70	19.50
	802.11n HT20	52	5260	15.71	17.50
		56	5280	15.71	17.50
		60	5300	15.83	17.50
		64	5320	15.78	17.50
	802.11n HT40	54	5270	14.75	16.50
		62	5310	14.74	16.50
	802.11ac VHT20	52	5260	15.75	17.50
		56	5280	15.76	17.50
		60	5300	15.72	17.50
		64	5320	15.72	17.50
	802.11ac VHT40	54	5270	14.69	16.50
		62	5310	14.78	16.50
802.11ac VHT80	58	5290	13.66	15.50	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	17.76	19.50
		104	5520	17.82	19.50
		108	5540	17.83	19.50
		112	5560	17.75	19.50
		116	5580	17.85	19.50
		120	5600	17.74	19.50
		124	5620	17.74	19.50
		128	5640	17.73	19.50



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		132	5660	17.74	19.50
		136	5680	17.77	19.50
		140	5700	17.70	19.50
		144	5720	17.76	19.50
	802.11n HT20	100	5500	15.77	17.50
		104	5520	15.71	17.50
		108	5540	15.81	17.50
		112	5560	15.80	17.50
		116	5580	15.74	17.50
		120	5600	15.78	17.50
		124	5620	15.74	17.50
		128	5640	15.76	17.50
		132	5660	15.79	17.50
		136	5680	15.71	17.50
		140	5700	15.70	17.50
		144	5720	15.78	17.50
	802.11n HT40	102	5510	14.79	16.50
		110	5550	14.74	16.50
		118	5590	14.81	16.50
		126	5630	14.74	16.50
		134	5670	14.83	16.50
		142	5710	14.83	16.50
	802.11ac VHT20	100	5500	15.84	17.50
		104	5520	15.78	17.50
		108	5540	15.75	17.50
		112	5560	15.85	17.50
		116	5580	15.70	17.50
		120	5600	15.75	17.50
		124	5620	15.78	17.50
		128	5640	15.83	17.50
		132	5660	15.79	17.50
		136	5680	15.85	17.50
		140	5700	15.84	17.50
	802.11ac VHT40	102	5510	14.80	16.50
		110	5550	14.82	16.50
		118	5590	14.80	16.50
		126	5630	14.72	16.50
		134	5670	14.74	16.50
		142	5710	14.71	16.50
	802.11ac VHT80	106	5530	13.55	15.50
		122	5610	13.65	15.50
		138	5690	13.63	15.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	15.73	17.50
		153	5765	15.81	17.50
		157	5785	15.86	17.50
		161	5805	15.79	17.50
		165	5825	15.82	17.50
	802.11n	149	5745	15.81	17.50



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	HT20	153	5765	15.71	17.50
		157	5785	15.78	17.50
		161	5805	15.77	17.50
		165	5825	15.78	17.50
	802.11n HT40	151	5755	14.81	16.50
		159	5795	14.75	16.50
	802.11ac VHT20	149	5745	15.83	17.50
		153	5765	15.79	17.50
		157	5785	15.77	17.50
		161	5805	15.79	17.50
	802.11ac VHT40	165	5825	15.74	17.50
		151	5755	14.76	16.50
	802.11ac VHT80	159	5795	14.70	16.50
		155	5775	13.85	15.50

WIFI 5G Ant5_DS11					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	10.55	12.50
		40	5200	10.69	12.50
		44	5220	10.82	12.50
		48	5240	10.78	12.50
	802.11n HT20	36	5180	10.66	12.50
		40	5200	10.69	12.50
		44	5220	10.75	12.50
		48	5240	10.71	12.50
	802.11n HT40	38	5190	10.69	12.50
		46	5230	10.63	12.50
	802.11ac VHT20	36	5180	10.58	12.50
		40	5200	10.62	12.50
		44	5220	10.71	12.50
		48	5240	10.77	12.50
	802.11ac VHT40	38	5190	10.81	12.50
		46	5230	10.75	12.50
	802.11ac VHT80	42	5210	10.67	12.50
	5GHz		Channel	Frequency(MHz)	Average Power (dBm)
5GHz U-NII-2A	802.11a	52	5260	11.05	12.50
		56	5280	10.92	12.50
		60	5300	10.84	12.50
		64	5320	11.01	12.50
	802.11n HT20	52	5260	10.88	12.50
		56	5280	10.74	12.50
		60	5300	10.69	12.50
		64	5320	10.82	12.50
	802.11n HT40	54	5270	10.59	12.50
		62	5310	10.63	12.50
	802.11ac VHT20	52	5260	10.74	12.50
		56	5280	10.86	12.50
		60	5300	10.77	12.50
		64	5320	10.95	12.50



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5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11ac VHT40	54	5270	10.81	12.50
		62	5310	10.70	12.50
		802.11ac VHT80	58	5290	10.88
	802.11a	100	5500	10.85	12.50
		104	5520	10.81	12.50
		108	5540	10.69	12.50
		112	5560	10.73	12.50
		116	5580	11.08	12.50
		120	5600	10.82	12.50
		124	5620	10.76	12.50
		128	5640	10.71	12.50
		132	5660	10.83	12.50
136		5680	10.69	12.50	
140		5700	10.66	12.50	
144		5720	10.93	12.50	
802.11n HT20	100	5500	10.63	12.50	
	104	5520	10.66	12.50	
	108	5540	10.58	12.50	
	112	5560	10.63	12.50	
	116	5580	10.73	12.50	
	120	5600	10.71	12.50	
	124	5620	10.82	12.50	
	128	5640	10.77	12.50	
	132	5660	10.69	12.50	
	136	5680	10.63	12.50	
	140	5700	10.82	12.50	
	144	5720	10.85	12.50	
802.11n HT40	102	5510	10.79	12.50	
	110	5550	10.55	12.50	
	118	5590	10.59	12.50	
	126	5630	10.63	12.50	
	134	5670	10.66	12.50	
	142	5710	10.69	12.50	
802.11ac VHT20	100	5500	10.73	12.50	
	104	5520	10.71	12.50	
	108	5540	10.81	12.50	
	112	5560	10.83	12.50	
	116	5580	10.66	12.50	
	120	5600	10.64	12.50	
	124	5620	10.61	12.50	
	128	5640	10.79	12.50	
	132	5660	10.82	12.50	
	136	5680	10.77	12.50	
	140	5700	10.68	12.50	
	144	5720	10.73	12.50	
802.11ac VHT40	102	5510	10.66	12.50	
	110	5550	10.61	12.50	
	118	5590	10.68	12.50	



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		126	5630	10.59	12.50
		134	5670	10.55	12.50
		142	5710	10.73	12.50
	802.11ac VHT80	106	5530	10.77	12.50
		122	5610	10.69	12.50
		138	5690	10.82	12.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	10.82	12.50
		153	5765	10.55	12.50
		157	5785	10.96	12.50
		161	5805	10.84	12.50
		165	5825	10.89	12.50
	802.11n HT20	149	5745	10.82	12.50
		153	5765	10.78	12.50
		157	5785	10.77	12.50
		161	5805	10.65	12.50
		165	5825	10.83	12.50
	802.11n HT40	151	5755	10.79	12.50
		159	5795	10.62	12.50
	802.11ac VHT20	149	5745	10.69	12.50
		153	5765	10.66	12.50
		157	5785	10.75	12.50
		161	5805	10.71	12.50
		165	5825	10.67	12.50
	802.11ac VHT40	151	5755	10.76	12.50
		159	5795	10.80	12.50
	802.11ac VHT80	155	5775	10.72	12.50



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### 3.3 Conducted Power of Bluetooth

BT Ant4		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	12.30	12.92	12.89	14.00
	$\pi/4$ DQPSK	9.82	9.30	10.79	11.00
	8DPSK	9.87	9.13	10.27	11.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	9.38	9.88	9.10	11.00
Band	Channel	1	19	38	Tune up
BLE 2M	GFSK	10.32	10.65	9.71	11.00

- End of the Appendix -