

Appendix E

Conducted RF Output Power

Measurement of RF conducted Power
1 Conducted Power of Main Antenna (Ant0)
1.1 Conducted Power of GSM
1.2 Conducted Power of WCDMA
1.3 Conducted Power of LTE
2 Conducted Power of Main Antenna (Ant1)
2.1 Conducted Power of GSM
2.2 Conducted Power of WCDMA
2.3 Conducted Power of LTE
3 Conducted Power of Main Antenna (Ant2)
3.1 Conducted Power of GSM
3.2 Conducted Power of WCDMA
3.3 Conducted Power of LTE
4 Conducted Power of Main Antenna (Ant4)
4.1 Conducted Power of LTE
5 Conducted Power of Main Antenna (Ant7)
5.1 Conducted Power of LTE
6 Conducted Power of Main Antenna (Ant8)
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7 Conducted Power of Main Antenna (Ant9)
7.1 Conducted Power of GSM
7.2 Conducted Power of WCDMA



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7.3 Conducted Power of LTE
8 Conducted Power of Main Antenna (Ant10)
8.1 Conducted Power of LTE
9 Conducted Power of Uplink CA
9.1 Conducted Power of LTE Uplink CA (Ant0)
9.2 Conducted Power of LTE Uplink CA (Ant1)
9.3 Conducted Power of LTE Uplink CA (Ant2)
9.4 Conducted Power of LTE Uplink CA (Ant4)
9.5 Conducted Power of LTE Uplink CA (Ant7)
9.6 Conducted Power of LTE Uplink CA (Ant8)
9.7 Conducted Power of LTE Uplink CA (Ant9)
9.8 Conducted Power of LTE Uplink CA (Ant10)
10 Conducted Power of Downlink CA
10.1 Conducted Power of LTE Downlink CA
11 Conducted Power of NR SA Antenna
11.1 Conducted Power of NR SA Antenna (Ant0)
11.2 Conducted Power of NR SA Antenna (Ant1)
11.3 Conducted Power of NR SA Antenna (Ant2)
11.4 Conducted Power of NR SA Antenna (Ant4)
11.5 Conducted Power of NR SA Antenna (Ant7)
11.6 Conducted Power of NR SA Antenna (Ant8)
11.7 Conducted Power of NR SA Antenna (Ant9)
11.8 Conducted Power of NR SA Antenna (Ant10)
12 Conducted Power of WiFi and Bluetooth
12.1 Conducted Power of 2.4GWiFi
12.2 Conducted Power of 5GWiFi
12.3 Conducted Power of WiFi6E
12.4 Conducted Power of Bluetooth



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Note:

ECI	Trigger Conditions	Antenna No.
ECI 2	Receiver on	All WWAN Ant
ECI 3	Body worn	All WWAN Ant
ECI 4	Body worn Sensor off	All WWAN Ant
	Product specific Omm Sensor off	
ECI 6	Product specific Omm	All WWAN Ant
ECI 7	Hotspot	All WWAN Ant



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Measurement of RF conducted Power

1 Conducted Power of Main Antenna (Ant0)

1.1 Conducted Power of GSM

GSM 850 Eci2/3/4/7/6										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	31.63	31.82	31.89	33.00	-9.19	22.44	22.63	22.70	23.81
GPRS (GMSK)	1 TX Slot	31.69	31.84	31.79	33.00	-9.19	22.50	22.65	22.60	23.81
	2 TX Slots	28.65	28.88	28.88	30.00	-6.18	22.47	22.70	22.70	23.82
	3 TX Slots	27.00	27.17	27.16	28.00	-4.42	22.58	22.75	22.74	23.58
	4 TX Slots	25.63	25.98	25.94	27.00	-3.17	22.46	22.81	22.77	23.83
EGPRS (GMSK)	1 TX Slot	31.67	31.78	31.76	33.00	-9.19	22.48	22.59	22.57	23.81
	2 TX Slots	28.57	28.83	28.89	30.00	-6.18	22.39	22.65	22.71	23.82
	3 TX Slots	27.03	27.07	27.15	28.00	-4.42	22.61	22.65	22.73	23.58
	4 TX Slots	25.66	25.83	26.04	27.00	-3.17	22.49	22.66	22.87	23.83
EGPRS (8PSK)	1 TX Slot	26.32	26.44	26.43	27.00	-9.19	17.13	17.25	17.24	17.81
	2 TX Slots	25.13	25.31	25.25	26.00	-6.18	18.95	19.13	19.07	19.82
	3 TX Slots	22.70	22.83	22.89	24.00	-4.42	18.28	18.41	18.47	19.58
	4 TX Slots	21.55	21.68	21.75	22.50	-3.17	18.38	18.51	18.58	19.33

GSM 1900 Eci2/4/6										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	27.88	27.96	27.94	29.00	-9.19	18.69	18.77	18.75	19.81
GPRS (GMSK)	1 TX Slot	28.02	27.98	27.92	29.00	-9.19	18.83	18.79	18.73	19.81
	2 TX Slots	25.03	24.97	24.88	26.00	-6.18	18.85	18.79	18.70	19.82
	3 TX Slots	23.18	23.23	23.27	24.00	-4.42	18.76	18.81	18.85	19.58
	4 TX Slots	22.03	22.08	22.02	23.00	-3.17	18.86	18.91	18.85	19.83
EGPRS (GMSK)	1 TX Slot	28.05	28.06	27.95	29.00	-9.19	18.86	18.87	18.76	19.81
	2 TX Slots	24.97	24.97	24.79	26.00	-6.18	18.79	18.79	18.61	19.82
	3 TX Slots	23.25	23.33	23.19	24.00	-4.42	18.83	18.91	18.77	19.58
	4 TX Slots	22.04	22.08	21.94	23.00	-3.17	18.87	18.91	18.77	19.83
EGPRS (8PSK)	1 TX Slot	24.15	24.12	24.12	25.00	-9.19	14.96	14.93	14.93	15.81
	2 TX Slots	22.70	22.69	22.66	23.50	-6.18	16.52	16.51	16.48	17.32
	3 TX Slots	20.17	20.26	20.24	21.50	-4.42	15.75	15.84	15.82	17.08
	4 TX Slots	18.63	18.69	18.79	19.50	-3.17	15.46	15.52	15.62	16.33



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GSM 1900 Eci3/7										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	26.83	26.91	26.90	28.00	-9.19	17.64	17.72	17.71	18.81
GPRS (GMSK)	1 TX Slot	26.83	26.88	26.87	28.00	-9.19	17.64	17.69	17.68	18.81
	2 TX Slots	23.82	23.91	23.93	25.00	-6.18	17.64	17.73	17.75	18.82
	3 TX Slots	22.08	22.17	22.18	23.00	-4.42	17.66	17.75	17.76	18.58
	4 TX Slots	20.93	20.94	20.94	22.00	-3.17	17.76	17.77	17.77	18.83
EGPRS (GMSK)	1 TX Slot	26.80	26.85	26.80	28.00	-9.19	17.61	17.66	17.61	18.81
	2 TX Slots	23.80	23.88	23.89	25.00	-6.18	17.62	17.70	17.71	18.82
	3 TX Slots	22.07	22.14	22.15	23.00	-4.42	17.65	17.72	17.73	18.58
	4 TX Slots	20.81	20.91	20.92	22.00	-3.17	17.64	17.74	17.75	18.83
EGPRS (8PSK)	1 TX Slot	23.81	23.86	23.83	24.00	-9.19	14.62	14.67	14.64	14.81
	2 TX Slots	20.81	20.90	20.91	22.50	-6.18	14.63	14.72	14.73	16.32
	3 TX Slots	19.08	19.16	19.17	20.50	-4.42	14.66	14.74	14.75	16.08
	4 TX Slots	17.82	17.93	17.94	18.50	-3.17	14.65	14.76	14.77	15.33



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1.2 Conducted Power of WCDMA

WCDMA Band II Eci2/4					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	21.43	21.55	21.52	22.50
	12.2kbps AMR	21.22	21.35	21.42	22.50
HSDPA	Subtest 1	20.39	20.49	20.58	21.50
	Subtest 2	20.43	20.51	20.60	21.50
	Subtest 3	19.96	20.07	20.16	21.00
	Subtest 4	19.94	20.02	20.12	21.00
HSUPA	Subtest 1	18.46	18.53	18.61	19.50
	Subtest 2	18.43	18.54	18.61	19.50
	Subtest 3	19.49	19.56	19.64	20.50
	Subtest 4	17.95	18.04	18.16	19.00
	Subtest 5	19.44	19.54	19.62	20.50
DC-HSDPA	Subtest 1	20.42	20.41	20.58	21.50
	Subtest 2	20.52	20.49	20.52	21.50
	Subtest 3	19.88	20.09	20.18	21.00
	Subtest 4	19.98	19.99	20.03	21.00
HSPA+	16QAM	18.14	17.93	18.10	19.50

WCDMA Band II Eci3/7					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	15.69	15.74	15.71	16.50
	12.2kbps AMR	15.65	15.71	15.70	16.50
HSDPA	Subtest 1	14.30	14.43	14.52	15.50
	Subtest 2	14.46	14.52	14.56	15.50
	Subtest 3	13.97	13.97	14.19	15.00
	Subtest 4	13.84	14.08	14.02	15.00
HSUPA	Subtest 1	12.46	12.53	12.60	13.50
	Subtest 2	12.49	12.45	12.64	13.50
	Subtest 3	13.40	13.59	13.57	14.50
	Subtest 4	11.96	12.03	12.18	13.00
	Subtest 5	13.42	13.49	13.62	14.50
DC-HSDPA	Subtest 1	14.49	14.31	14.54	15.50
	Subtest 2	14.50	14.50	14.45	15.50
	Subtest 3	13.95	14.10	14.24	15.00
	Subtest 4	14.07	13.96	14.06	15.00
HSPA+	16QAM	12.21	11.96	12.03	13.50



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WCDMA Band II Eci6					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.67	20.75	20.74	21.50
	12.2kbps AMR	20.66	20.77	20.82	21.50
HSDPA	Subtest 1	19.48	19.45	19.54	20.50
	Subtest 2	19.51	19.59	19.54	20.50
	Subtest 3	18.88	18.99	19.15	20.00
	Subtest 4	19.04	19.09	19.13	20.00
HSUPA	Subtest 1	17.48	17.49	17.54	18.50
	Subtest 2	17.39	17.49	17.61	18.50
	Subtest 3	18.48	18.63	18.69	19.50
	Subtest 4	17.01	17.10	17.09	18.00
	Subtest 5	18.47	18.60	18.65	19.50
DC-HSDPA	Subtest 1	19.47	19.40	19.54	20.50
	Subtest 2	19.62	19.46	19.51	20.50
	Subtest 3	18.79	19.02	19.23	20.00
	Subtest 4	19.01	19.08	19.00	20.00
HSPA+	16QAM	17.19	16.98	17.03	18.50

WCDMA Band IV Eci2/4					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.35	21.18	21.26	22.50
	12.2kbps AMR	21.22	21.15	21.21	22.50
HSDPA	Subtest 1	20.40	20.26	20.26	21.50
	Subtest 2	20.45	20.30	20.27	21.50
	Subtest 3	19.97	19.84	19.82	20.00
	Subtest 4	19.96	19.83	19.80	20.00
HSUPA	Subtest 1	18.43	18.26	18.78	19.50
	Subtest 2	18.41	18.26	18.29	19.50
	Subtest 3	19.45	19.27	19.31	20.50
	Subtest 4	17.92	17.80	17.82	19.00
	Subtest 5	19.42	19.27	19.29	20.50
DC-HSDPA	Subtest 1	20.43	20.16	20.17	21.50
	Subtest 2	20.54	20.35	20.24	21.50
	Subtest 3	19.88	19.85	19.74	20.00
	Subtest 4	19.97	19.73	19.84	20.00
HSPA+	16QAM	18.02	18.09	18.17	19.50



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WCDMA Band IV Eci3/7					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.59	18.36	18.49	19.50
	12.2kbps AMR	18.67	18.45	18.52	19.50
HSDPA	Subtest 1	17.37	17.18	17.16	18.50
	Subtest 2	17.46	17.34	17.23	18.50
	Subtest 3	16.91	16.77	16.86	17.00
	Subtest 4	16.90	16.89	16.72	17.00
HSUPA	Subtest 1	15.45	15.22	15.75	16.50
	Subtest 2	15.51	15.21	15.32	16.50
	Subtest 3	16.47	16.21	16.27	17.50
	Subtest 4	14.93	14.73	14.85	16.00
	Subtest 5	16.52	16.31	16.38	17.50
DC-HSDPA	Subtest 1	17.39	17.26	17.21	18.50
	Subtest 2	17.51	17.43	17.14	18.50
	Subtest 3	16.91	16.80	16.68	17.00
	Subtest 4	16.91	16.79	16.86	17.00
HSPA+	16QAM	15.08	15.12	15.14	16.50

WCDMA Band IV Eci6					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.65	20.43	20.39	21.50
	12.2kbps AMR	20.63	20.42	20.48	21.50
HSDPA	Subtest 1	19.37	19.32	19.31	20.50
	Subtest 2	19.47	19.26	19.36	20.50
	Subtest 3	18.99	18.82	18.91	19.00
	Subtest 4	18.96	18.87	18.77	19.00
HSUPA	Subtest 1	17.45	17.33	17.85	18.50
	Subtest 2	17.50	17.18	17.36	18.50
	Subtest 3	18.50	18.30	18.36	19.50
	Subtest 4	16.88	16.80	16.92	18.00
	Subtest 5	18.37	18.34	18.39	19.50
DC-HSDPA	Subtest 1	19.52	19.10	19.10	20.50
	Subtest 2	19.60	19.31	19.14	20.50
	Subtest 3	18.97	18.90	18.67	19.00
	Subtest 4	18.94	18.82	18.90	19.00
HSPA+	16QAM	17.08	17.03	17.20	18.50



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WCDMA Band V Eci2/4/6					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.07	22.78	22.79	24.00
	12.2kbps AMR	22.92	22.75	22.74	24.00
HSDPA	Subtest 1	21.92	21.90	21.76	23.00
	Subtest 2	21.94	21.91	21.79	23.00
	Subtest 3	21.47	21.44	21.31	22.50
	Subtest 4	21.46	21.42	21.29	22.50
HSUPA	Subtest 1	20.45	19.93	20.25	21.00
	Subtest 2	19.94	19.90	19.74	21.00
	Subtest 3	20.97	20.94	20.77	22.00
	Subtest 4	19.45	19.45	19.28	20.50
	Subtest 5	20.94	20.90	20.72	22.00
DC-HSDPA	Subtest 1	21.89	21.93	21.79	23.00
	Subtest 2	21.89	21.99	21.84	23.00
	Subtest 3	21.42	21.34	21.26	22.50
	Subtest 4	21.56	21.48	21.36	22.50
HSPA+	16QAM	19.66	19.61	19.58	20.50

WCDMA Band V Eci3/7					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	21.98	21.92	21.86	23.00
	12.2kbps AMR	21.94	21.91	21.81	23.00
HSDPA	Subtest 1	20.82	21.20	20.46	22.00
	Subtest 2	20.84	20.91	20.99	22.00
	Subtest 3	20.37	20.14	20.31	21.50
	Subtest 4	20.66	20.52	20.49	21.50
HSUPA	Subtest 1	19.65	18.83	19.05	20.00
	Subtest 2	19.04	19.00	18.44	20.00
	Subtest 3	20.27	19.94	19.57	21.00
	Subtest 4	18.15	18.55	18.18	19.50
	Subtest 5	19.64	20.10	19.72	21.00
DC-HSDPA	Subtest 1	20.99	20.83	20.79	22.00
	Subtest 2	21.09	20.79	20.84	22.00
	Subtest 3	20.72	20.64	20.16	21.50
	Subtest 4	20.86	20.78	20.66	21.50
HSPA+	16QAM	18.76	18.91	18.88	19.50



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1.3 Conducted Power of LTE

LTE Band 2 Eci2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	21.54	21.20	21.25	22.50
		1	2	21.27	21.12	21.09	22.50
		1	5	21.34	21.07	21.46	22.50
		3	0	21.61	21.11	21.12	22.50
		3	2	21.35	21.42	21.27	22.50
		3	3	21.43	21.60	21.28	22.50
		6	0	20.29	20.05	20.14	21.50
	16QAM	1	0	20.64	20.19	20.64	21.50
		1	2	20.23	20.32	20.28	21.50
		1	5	20.40	20.19	20.47	21.50
		3	0	20.53	20.22	20.33	21.50
		3	2	20.38	20.32	20.39	21.50
		3	3	20.38	20.32	20.33	21.50
		6	0	19.13	19.09	19.03	20.50
	64QAM	1	0	19.23	18.90	19.04	20.50
		1	2	19.31	18.96	19.13	20.50
		1	5	18.88	19.44	19.02	20.50
		3	0	18.81	18.55	18.73	20.50
		3	2	18.68	18.94	18.80	20.50
		3	3	18.95	18.63	18.95	20.50
		6	0	18.13	18.30	18.31	19.50
	256QAM	1	0	16.31	16.23	16.06	17.50
		1	2	15.99	16.31	16.27	17.50
		1	5	16.04	16.01	16.31	17.50
		3	0	16.18	16.09	16.15	17.50
		3	2	16.15	16.10	15.87	17.50
		3	3	16.12	15.99	16.04	17.50
		6	0	16.14	16.22	16.20	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	21.58	21.10	21.22	22.50
		1	7	21.24	21.00	21.18	22.50
		1	14	21.59	21.10	21.43	22.50



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		8	0	20.22	20.22	19.95	21.50
		8	4	20.43	20.33	20.42	21.50
		8	7	20.45	20.40	20.32	21.50
		15	0	20.51	20.22	20.31	21.50
	16QAM	1	0	20.74	20.47	20.45	21.50
		1	7	20.37	20.26	20.16	21.50
		1	14	20.43	20.21	20.24	21.50
		8	0	19.28	19.12	19.08	20.50
		8	4	19.33	19.05	18.71	20.50
		8	7	19.30	19.27	19.21	20.50
		15	0	18.89	18.92	18.96	20.50
	64QAM	1	0	19.04	19.09	18.96	20.50
		1	7	19.15	18.93	19.20	20.50
		1	14	19.08	19.38	18.91	20.50
		8	0	18.04	18.05	18.16	19.50
		8	4	18.09	18.30	18.09	19.50
		8	7	18.32	18.16	18.44	19.50
		15	0	18.09	18.42	18.20	19.50
	256QAM	1	0	16.19	16.10	16.30	17.50
		1	7	16.15	16.32	16.16	17.50
		1	14	16.04	16.17	16.10	17.50
		8	0	15.97	16.20	16.07	17.50
		8	4	16.15	16.19	15.98	17.50
		8	7	16.33	16.12	15.77	17.50
		15	0	16.03	16.12	16.15	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	21.62	21.02	21.48	22.50
		1	13	21.10	21.22	21.19	22.50
		1	24	21.36	21.18	21.41	22.50
		12	0	20.48	20.19	20.19	21.50
		12	6	20.27	20.25	20.27	21.50
		12	13	20.49	20.40	20.26	21.50
		25	0	20.46	20.04	20.36	21.50
	16QAM	1	0	20.82	20.28	20.60	21.50
		1	13	20.23	20.35	20.34	21.50
		1	24	20.47	20.39	20.34	21.50
		12	0	19.46	18.99	18.95	20.50
		12	6	19.39	19.00	18.92	20.50



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		12	13	19.29	19.08	19.23	20.50
		25	0	19.12	18.95	19.19	20.50
	64QAM	1	0	19.06	19.20	19.11	20.50
		1	13	19.30	18.94	19.00	20.50
		1	24	19.07	19.37	18.93	20.50
		12	0	17.99	17.90	18.15	19.50
		12	6	18.15	18.12	18.18	19.50
		12	13	18.36	17.95	18.52	19.50
		25	0	18.24	18.39	18.21	19.50
	256QAM	1	0	16.18	16.35	16.13	17.50
		1	13	15.96	16.16	16.07	17.50
		1	24	16.14	16.29	16.22	17.50
		12	0	16.00	15.99	15.98	17.50
		12	6	16.38	16.21	15.87	17.50
		12	13	16.34	15.94	15.88	17.50
		25	0	16.14	16.28	16.31	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	21.52	21.16	21.48	22.50
		1	25	21.29	21.00	21.04	22.50
		1	49	21.42	21.28	21.34	22.50
		25	0	20.52	20.00	20.01	21.50
		25	13	20.24	20.29	20.37	21.50
		25	25	20.51	20.24	20.20	21.50
		50	0	20.42	20.19	20.36	21.50
	16QAM	1	0	20.65	20.22	20.43	21.50
		1	25	20.15	20.40	20.43	21.50
		1	49	20.28	20.16	20.47	21.50
		25	0	19.51	19.12	19.12	20.50
		25	13	19.31	19.05	18.98	20.50
		25	25	19.09	19.28	19.07	20.50
		50	0	18.88	19.09	19.03	20.50
	64QAM	1	0	19.25	19.12	19.06	20.50
		1	25	19.14	18.94	18.93	20.50
		1	49	19.17	19.33	18.94	20.50
		25	0	18.02	18.15	18.33	19.50
		25	13	18.11	18.27	18.18	19.50
		25	25	18.24	18.06	18.46	19.50
		50	0	18.15	18.32	18.36	19.50



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		1	0	16.18	16.32	16.27	17.50
		1	25	16.05	16.14	16.30	17.50
		1	49	16.02	16.23	16.21	17.50
	256QAM	25	0	16.07	15.94	16.04	17.50
		25	13	16.22	15.97	15.82	17.50
		25	25	16.33	16.13	15.91	17.50
		50	0	16.11	16.21	16.05	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	21.41	21.27	21.42	22.50
		1	38	21.34	21.21	21.07	22.50
		1	74	21.42	21.16	21.19	22.50
		36	0	20.48	20.12	20.16	21.50
		36	18	20.32	20.36	20.38	21.50
		36	39	20.34	20.22	20.34	21.50
		75	0	20.30	20.16	20.23	21.50
	16QAM	1	0	20.73	20.27	20.57	21.50
		1	38	20.21	20.43	20.22	21.50
		1	74	20.30	20.43	20.47	21.50
		36	0	19.28	19.07	18.99	20.50
		36	18	19.39	19.23	18.79	20.50
		36	39	19.33	19.35	19.00	20.50
		75	0	19.01	18.88	19.21	20.50
	64QAM	1	0	18.98	19.19	18.98	20.50
		1	38	19.38	19.21	19.15	20.50
		1	74	19.07	19.30	18.95	20.50
		36	0	18.08	17.91	18.20	19.50
		36	18	18.22	18.15	18.18	19.50
		36	39	18.46	18.02	18.50	19.50
		75	0	18.24	18.27	18.24	19.50
	256QAM	1	0	16.06	16.22	16.28	17.50
		1	38	15.99	16.28	16.28	17.50
		1	74	16.11	16.09	16.22	17.50
		36	0	16.19	15.99	16.00	17.50
		36	18	16.27	16.20	15.96	17.50
		36	39	16.29	16.01	15.81	17.50
		75	0	16.05	16.32	16.10	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	



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20MHz	QPSK	1	0	21.49	21.13	21.37	22.50
		1	50	21.22	21.08	21.18	22.50
		1	99	21.47	21.22	21.34	22.50
		50	0	20.37	20.09	20.10	21.50
		50	25	20.33	20.30	20.30	21.50
		50	50	20.36	20.37	20.21	21.50
		100	0	20.44	20.09	20.28	21.50
	16QAM	1	0	20.73	20.32	20.53	21.50
		1	50	20.29	20.36	20.28	21.50
		1	99	20.43	20.30	20.35	21.50
		50	0	19.41	19.13	19.09	20.50
		50	25	19.26	19.11	18.85	20.50
		50	50	19.23	19.20	19.09	20.50
		100	0	18.99	19.03	19.10	20.50
	64QAM	1	0	19.11	19.05	19.10	20.50
		1	50	19.23	19.08	19.08	20.50
		1	99	19.03	19.31	18.99	20.50
		50	0	18.10	18.05	18.22	19.50
		50	25	18.19	18.24	18.19	19.50
		50	50	18.38	18.04	18.37	19.50
		100	0	18.09	18.27	18.31	19.50
	256QAM	1	0	16.16	16.22	16.19	17.50
		1	50	16.02	16.29	16.18	17.50
		1	99	16.17	16.14	16.23	17.50
		50	0	16.09	16.09	16.08	17.50
		50	25	16.23	16.08	15.96	17.50
		50	50	16.19	16.00	15.89	17.50
		100	0	16.15	16.21	16.18	17.50

LTE Band 2 Eci3/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	14.67	14.57	14.62	16.00
		1	2	14.77	14.59	14.56	16.00
		1	5	14.70	14.81	14.69	16.00
		3	0	14.58	14.72	14.58	16.00
		3	2	14.76	14.78	14.61	16.00
		3	3	14.76	14.73	14.68	16.00



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		6	0	14.61	14.79	14.60	16.00
	16QAM	1	0	14.64	14.72	14.75	16.00
		1	2	14.66	14.92	14.67	16.00
		1	5	14.72	14.62	14.82	16.00
		3	0	14.86	14.76	14.59	16.00
		3	2	14.73	14.66	14.69	16.00
		3	3	14.76	14.67	14.63	16.00
		6	0	14.65	14.72	14.59	16.00
	64QAM	1	0	14.61	14.69	14.72	16.00
		1	2	14.80	14.65	14.62	16.00
		1	5	14.71	14.67	14.80	16.00
		3	0	14.80	14.61	14.63	16.00
		3	2	14.63	14.56	14.64	16.00
		3	3	14.70	14.65	14.78	16.00
		6	0	14.64	14.64	14.63	16.00
	256QAM	1	0	14.72	14.72	14.57	16.00
		1	2	14.83	14.60	14.67	16.00
		1	5	14.88	14.67	14.82	16.00
		3	0	14.76	14.69	14.86	16.00
		3	2	14.71	14.70	14.54	16.00
		3	3	14.72	14.72	14.66	16.00
		6	0	14.64	14.71	14.69	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	14.69	14.60	14.67	16.00
		1	7	14.73	14.67	14.66	16.00
		1	14	14.72	14.85	14.71	16.00
		8	0	14.63	14.67	14.57	16.00
		8	4	14.80	14.79	14.67	16.00
		8	7	14.77	14.63	14.76	16.00
		15	0	14.61	14.80	14.73	16.00
	16QAM	1	0	14.68	14.59	14.78	16.00
		1	7	14.78	14.87	14.72	16.00
		1	14	14.75	14.68	14.95	16.00
		8	0	14.85	14.79	14.55	16.00
		8	4	14.70	14.74	14.68	16.00
		8	7	14.68	14.69	14.67	16.00
		15	0	14.71	14.73	14.56	16.00
	64QAM	1	0	14.61	14.74	14.72	16.00



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		1	7	14.76	14.67	14.56	16.00
		1	14	14.73	14.77	14.72	16.00
		8	0	14.75	14.67	14.66	16.00
		8	4	14.67	14.67	14.75	16.00
		8	7	14.68	14.58	14.73	16.00
		15	0	14.58	14.62	14.64	16.00
	256QAM	1	0	14.78	14.74	14.64	16.00
		1	7	14.89	14.53	14.70	16.00
		1	14	14.78	14.60	14.85	16.00
		8	0	14.74	14.72	14.77	16.00
		8	4	14.63	14.75	14.63	16.00
		8	7	14.66	14.71	14.66	16.00
		15	0	14.58	14.72	14.67	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	14.64	14.65	14.68	16.00
		1	13	14.68	14.71	14.59	16.00
		1	24	14.64	14.77	14.77	16.00
		12	0	14.62	14.81	14.53	16.00
		12	6	14.80	14.70	14.62	16.00
		12	13	14.73	14.64	14.78	16.00
		25	0	14.56	14.80	14.59	16.00
	16QAM	1	0	14.68	14.72	14.74	16.00
		1	13	14.78	14.89	14.65	16.00
		1	24	14.70	14.68	14.91	16.00
		12	0	14.72	14.68	14.64	16.00
		12	6	14.78	14.66	14.65	16.00
		12	13	14.75	14.80	14.71	16.00
		25	0	14.64	14.67	14.55	16.00
	64QAM	1	0	14.62	14.68	14.75	16.00
		1	13	14.77	14.64	14.68	16.00
		1	24	14.72	14.71	14.67	16.00
		12	0	14.67	14.57	14.67	16.00
		12	6	14.69	14.68	14.67	16.00
		12	13	14.69	14.63	14.72	16.00
		25	0	14.69	14.71	14.66	16.00
	256QAM	1	0	14.79	14.78	14.52	16.00
		1	13	14.89	14.58	14.65	16.00
		1	24	14.83	14.68	14.84	16.00



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		12	0	14.69	14.71	14.83	16.00
		12	6	14.75	14.78	14.63	16.00
		12	13	14.63	14.62	14.70	16.00
		25	0	14.57	14.73	14.58	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	14.73	14.57	14.74	16.00
		1	25	14.77	14.62	14.66	16.00
		1	49	14.69	14.80	14.65	16.00
		25	0	14.63	14.72	14.63	16.00
		25	13	14.72	14.76	14.61	16.00
		25	25	14.70	14.61	14.70	16.00
		50	0	14.58	14.67	14.68	16.00
	16QAM	1	0	14.62	14.67	14.74	16.00
		1	25	14.79	14.89	14.71	16.00
		1	49	14.74	14.62	14.87	16.00
		25	0	14.86	14.75	14.54	16.00
		25	13	14.78	14.66	14.69	16.00
		25	25	14.72	14.72	14.69	16.00
		50	0	14.63	14.69	14.68	16.00
	64QAM	1	0	14.71	14.79	14.77	16.00
		1	25	14.75	14.62	14.62	16.00
		1	49	14.82	14.75	14.67	16.00
		25	0	14.79	14.67	14.66	16.00
		25	13	14.74	14.64	14.69	16.00
		25	25	14.76	14.61	14.69	16.00
		50	0	14.65	14.67	14.66	16.00
	256QAM	1	0	14.86	14.79	14.60	16.00
		1	25	14.76	14.53	14.58	16.00
		1	49	14.76	14.55	14.86	16.00
		25	0	14.72	14.71	14.76	16.00
		25	13	14.63	14.65	14.61	16.00
		25	25	14.66	14.71	14.76	16.00
		50	0	14.65	14.64	14.65	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	14.72	14.58	14.71	16.00
		1	38	14.79	14.72	14.60	16.00
		1	74	14.65	14.85	14.72	16.00



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		36	0	14.65	14.73	14.54	16.00
		36	18	14.76	14.70	14.69	16.00
		36	39	14.76	14.75	14.69	16.00
		75	0	14.60	14.72	14.60	16.00
	16QAM	1	0	14.68	14.64	14.86	16.00
		1	38	14.72	14.89	14.67	16.00
		1	74	14.74	14.65	14.82	16.00
		36	0	14.76	14.76	14.62	16.00
		36	18	14.68	14.74	14.71	16.00
		36	39	14.72	14.74	14.74	16.00
		75	0	14.70	14.79	14.62	16.00
	64QAM	1	0	14.70	14.69	14.81	16.00
		1	38	14.70	14.64	14.59	16.00
		1	74	14.74	14.76	14.72	16.00
		36	0	14.72	14.66	14.59	16.00
		36	18	14.71	14.63	14.69	16.00
		36	39	14.71	14.63	14.71	16.00
		75	0	14.69	14.71	14.61	16.00
	256QAM	1	0	14.76	14.66	14.57	16.00
		1	38	14.89	14.61	14.66	16.00
		1	74	14.82	14.54	14.88	16.00
		36	0	14.71	14.77	14.75	16.00
		36	18	14.72	14.67	14.54	16.00
		36	39	14.70	14.62	14.75	16.00
		75	0	14.54	14.71	14.66	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	14.86	14.67	14.76	16.00
		1	50	14.78	14.71	14.66	16.00
		1	99	14.85	14.75	14.75	16.00
		50	0	14.80	14.75	14.64	16.00
		50	25	14.79	14.77	14.72	16.00
		50	50	14.78	14.78	14.70	16.00
		100	0	14.57	14.68	14.61	16.00
	16QAM	1	0	14.64	14.61	14.75	16.00
		1	50	14.68	14.83	14.64	16.00
		1	99	14.66	14.63	14.83	16.00
		50	0	14.74	14.67	14.56	16.00
		50	25	14.67	14.65	14.62	16.00



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		50	50	14.68	14.68	14.65	16.00
		100	0	14.59	14.67	14.57	16.00
	64QAM	1	0	14.59	14.70	14.72	16.00
		1	50	14.71	14.60	14.56	16.00
		1	99	14.72	14.68	14.68	16.00
		50	0	14.68	14.59	14.56	16.00
		50	25	14.65	14.58	14.63	16.00
		50	50	14.67	14.58	14.66	16.00
		100	0	14.60	14.60	14.58	16.00
	256QAM	1	0	14.74	14.67	14.54	16.00
		1	50	14.77	14.52	14.60	16.00
		1	99	14.77	14.56	14.78	16.00
		50	0	14.68	14.66	14.74	16.00
		50	25	14.63	14.66	14.55	16.00
		50	50	14.60	14.64	14.64	16.00
		100	0	14.56	14.66	14.57	16.00

LTE Band 2 Eci6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	18.12	18.02	17.90	19.50
		1	2	17.66	17.63	17.66	19.50
		1	5	17.78	17.59	17.63	19.50
		3	0	17.79	17.68	17.50	19.50
		3	2	17.61	17.75	17.60	19.50
		3	3	17.70	17.78	17.69	19.50
		6	0	17.66	17.68	17.65	19.50
	16QAM	1	0	17.64	17.53	17.82	19.50
		1	2	17.58	17.74	17.72	19.50
		1	5	17.58	17.62	17.77	19.50
		3	0	17.79	17.62	17.50	19.50
		3	2	17.74	17.64	17.56	19.50
		3	3	17.72	17.62	17.58	19.50
		6	0	17.63	17.65	17.58	19.50
	64QAM	1	0	17.66	17.71	17.77	19.50
		1	2	17.81	17.60	17.52	19.50
		1	5	17.64	17.58	17.77	19.50
		3	0	17.60	17.57	17.53	19.50



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		3	2	17.63	17.56	17.56	19.50
		3	3	17.66	17.63	17.64	19.50
		6	0	17.56	17.54	17.78	19.50
	256QAM	1	0	17.29	17.22	17.10	17.50
		1	2	17.21	17.10	17.09	17.50
		1	5	17.22	16.99	17.24	17.50
		3	0	17.25	17.20	17.25	17.50
		3	2	17.08	17.17	17.06	17.50
		3	3	17.12	17.19	17.05	17.50
		6	0	17.04	17.06	17.06	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	17.99	17.93	18.03	19.50
		1	7	17.78	17.66	17.77	19.50
		1	14	17.73	17.64	17.61	19.50
		8	0	17.69	17.67	17.50	19.50
		8	4	17.79	17.65	17.70	19.50
		8	7	17.75	17.61	17.50	19.50
		15	0	17.57	17.63	17.51	19.50
	16QAM	1	0	17.67	17.66	17.78	19.50
		1	7	17.66	17.81	17.56	19.50
		1	14	17.65	17.64	17.80	19.50
		8	0	17.68	17.69	17.58	19.50
		8	4	17.77	17.73	17.61	19.50
		8	7	17.61	17.64	17.65	19.50
		15	0	17.67	17.75	17.79	19.50
	64QAM	1	0	17.58	17.78	17.80	19.50
		1	7	17.74	17.66	17.66	19.50
		1	14	17.65	17.59	17.73	19.50
		8	0	17.76	17.51	17.52	19.50
		8	4	17.66	17.59	17.68	19.50
		8	7	17.58	17.64	17.61	19.50
		15	0	17.51	17.60	17.51	19.50
	256QAM	1	0	17.19	17.11	16.95	17.50
		1	7	17.20	16.96	17.14	17.50
		1	14	17.31	17.15	17.25	17.50
		8	0	17.11	17.24	17.26	17.50
		8	4	17.07	17.11	17.02	17.50
		8	7	17.13	17.20	17.23	17.50



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		15	0	16.99	17.17	17.15	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.07	17.92	18.02	19.50
		1	13	17.67	17.66	17.66	19.50
		1	24	17.82	17.63	17.59	19.50
		12	0	17.68	17.72	17.60	19.50
		12	6	17.59	17.71	17.72	19.50
		12	13	17.77	17.74	17.68	19.50
		25	0	17.64	17.76	17.55	19.50
	16QAM	1	0	17.65	17.69	17.70	19.50
		1	13	17.65	17.82	17.59	19.50
		1	24	17.67	17.63	17.89	19.50
		12	0	17.80	17.64	17.58	19.50
		12	6	17.62	17.73	17.58	19.50
		12	13	17.64	17.61	17.70	19.50
		25	0	17.52	17.59	17.54	19.50
	64QAM	1	0	17.62	17.70	17.69	19.50
		1	13	17.75	17.62	17.65	19.50
		1	24	17.68	17.59	17.76	19.50
		12	0	17.74	17.66	17.53	19.50
		12	6	17.75	17.57	17.59	19.50
		12	13	17.57	17.53	17.64	19.50
		25	0	17.61	17.66	17.62	19.50
	256QAM	1	0	17.31	17.14	17.02	17.50
		1	13	17.36	17.07	17.11	17.50
		1	24	17.24	17.12	17.20	17.50
		12	0	17.14	17.06	17.16	17.50
		12	6	17.08	17.17	16.97	17.50
		12	13	17.04	17.07	17.12	17.50
		25	0	17.11	17.11	17.01	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	17.97	17.96	17.86	19.50
		1	25	17.64	17.53	17.77	19.50
		1	49	17.74	17.67	17.55	19.50
		25	0	17.79	17.56	17.55	19.50
		25	13	17.78	17.61	17.65	19.50
		25	25	17.62	17.77	17.60	19.50



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	16QAM	50	0	17.52	17.58	17.52	19.50
		1	0	17.62	17.64	17.82	19.50
		1	25	17.68	17.86	17.65	19.50
		1	49	17.57	17.70	17.82	19.50
		25	0	17.72	17.57	17.55	19.50
		25	13	17.70	17.61	17.66	19.50
		25	25	17.67	17.59	17.69	19.50
		50	0	17.50	17.73	17.51	19.50
	64QAM	1	0	17.58	17.60	17.70	19.50
		1	25	17.63	17.57	17.60	19.50
		1	49	17.78	17.66	17.78	19.50
		25	0	17.78	17.68	17.62	19.50
		25	13	17.62	17.61	17.67	19.50
		25	25	17.64	17.53	17.74	19.50
		50	0	17.57	17.59	17.57	19.50
	256QAM	1	0	17.17	17.21	17.13	17.50
		1	25	17.19	17.05	17.08	17.50
		1	49	17.31	17.00	17.34	17.50
		25	0	17.15	17.12	17.29	17.50
		25	13	17.16	17.26	17.07	17.50
		25	25	17.17	17.14	17.23	17.50
		50	0	17.09	17.21	17.05	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	18.07	18.09	17.85	19.50
		1	38	17.64	17.61	17.78	19.50
		1	74	17.79	17.75	17.64	19.50
		36	0	17.60	17.64	17.54	19.50
		36	18	17.69	17.70	17.54	19.50
		36	39	17.68	17.61	17.58	19.50
		75	0	17.58	17.77	17.51	19.50
	16QAM	1	0	17.73	17.69	17.65	19.50
		1	38	17.64	17.88	17.63	19.50
		1	74	17.75	17.54	17.84	19.50
		36	0	17.83	17.58	17.60	19.50
		36	18	17.71	17.75	17.61	19.50
		36	39	17.71	17.63	17.73	19.50
		75	0	17.67	17.57	17.63	19.50
	64QAM	1	0	17.64	17.66	17.81	19.50



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		1	38	17.77	17.52	17.59	19.50
		1	74	17.65	17.75	17.61	19.50
		36	0	17.58	17.66	17.66	19.50
		36	18	17.66	17.59	17.55	19.50
		36	39	17.57	17.55	17.67	19.50
		75	0	17.69	17.55	17.53	19.50
		1	0	17.32	17.19	17.09	17.50
	256QAM	1	38	17.22	17.07	17.10	17.50
		1	74	17.19	17.11	17.30	17.50
		36	0	17.28	17.12	17.26	17.50
		36	18	17.19	17.20	16.96	17.50
		36	39	17.12	17.17	17.11	17.50
		75	0	17.05	17.22	17.14	17.50
		1	0	18.05	18.02	17.95	19.50
20MHz	QPSK	1	50	17.68	17.61	17.56	19.50
		1	99	17.75	17.65	17.65	19.50
		50	0	17.70	17.65	17.54	19.50
		50	25	17.69	17.67	17.62	19.50
		50	50	17.68	17.68	17.60	19.50
		100	0	17.57	17.68	17.61	19.50
	16QAM	1	0	17.64	17.61	17.75	19.50
		1	50	17.68	17.83	17.64	19.50
		1	99	17.66	17.63	17.83	19.50
		50	0	17.74	17.67	17.56	19.50
		50	25	17.67	17.65	17.62	19.50
		50	50	17.68	17.68	17.65	19.50
		100	0	17.59	17.67	17.57	19.50
	64QAM	1	0	17.59	17.70	17.72	19.50
		1	50	17.71	17.60	17.56	19.50
		1	99	17.72	17.68	17.68	19.50
		50	0	17.68	17.59	17.56	19.50
		50	25	17.65	17.58	17.63	19.50
		50	50	17.67	17.58	17.66	19.50
		100	0	17.60	17.60	17.58	19.50
	256QAM	1	0	17.24	17.17	17.04	17.50
		1	50	17.27	17.02	17.10	17.50
		1	99	17.27	17.06	17.28	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	



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		50	0	17.18	17.16	17.24	17.50
		50	25	17.13	17.16	17.05	17.50
		50	50	17.10	17.14	17.14	17.50
		100	0	17.06	17.16	17.07	17.50

LTE Band 4 Eci2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.83	20.79	20.86	22.00
		1	2	20.88	20.64	20.73	22.00
		1	5	20.86	20.86	21.09	22.00
		3	0	21.01	20.67	20.74	22.00
		3	2	20.94	20.94	20.83	22.00
		3	3	20.97	21.04	20.85	22.00
		6	0	20.10	19.76	19.92	21.00
	16QAM	1	0	20.34	20.07	20.06	21.00
		1	2	19.96	19.99	19.93	21.00
		1	5	20.12	19.98	20.02	21.00
		3	0	20.03	19.78	19.80	21.00
		3	2	19.98	19.87	19.58	21.00
		3	3	19.93	19.81	19.82	21.00
		6	0	18.52	18.79	18.65	20.00
	64QAM	1	0	18.76	18.78	18.73	20.00
		1	2	18.87	18.65	18.85	20.00
		1	5	18.58	19.08	18.59	20.00
		3	0	18.78	18.64	18.85	20.00
		3	2	18.93	18.89	18.86	20.00
		3	3	19.10	18.73	19.07	20.00
		6	0	17.87	17.95	17.92	19.00
	256QAM	1	0	15.76	15.80	15.87	17.00
		1	2	15.69	15.92	15.79	17.00
		1	5	15.71	15.74	15.94	17.00
		3	0	15.76	15.81	15.67	17.00
		3	2	15.81	15.61	15.56	17.00
		3	3	15.79	15.55	15.52	17.00
		6	0	15.74	15.84	15.88	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	



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3MHz	QPSK	1	0	20.79	20.73	20.82	22.00
		1	7	20.96	20.70	20.90	22.00
		1	14	20.93	20.91	20.96	22.00
		8	0	20.11	19.69	19.63	21.00
		8	4	20.09	19.94	19.83	21.00
		8	7	19.97	19.95	19.86	21.00
		15	0	19.97	19.70	19.96	21.00
	16QAM	1	0	20.50	19.96	20.15	21.00
		1	7	19.98	20.07	19.90	21.00
		1	14	20.14	19.88	20.12	21.00
		8	0	18.98	18.72	18.73	20.00
		8	4	18.96	18.74	18.60	20.00
		8	7	18.77	18.93	18.81	20.00
		15	0	18.67	18.77	18.73	20.00
	64QAM	1	0	18.87	18.75	18.63	20.00
		1	7	18.92	18.83	18.73	20.00
		1	14	18.59	18.92	18.56	20.00
		8	0	17.80	17.60	17.98	19.00
		8	4	17.78	17.86	17.95	19.00
		8	7	17.98	17.76	17.98	19.00
		15	0	17.81	17.93	18.06	19.00
	256QAM	1	0	15.78	15.74	15.79	17.00
		1	7	15.69	15.85	15.79	17.00
		1	14	15.81	15.67	15.80	17.00
		8	0	15.76	15.65	15.74	17.00
		8	4	15.82	15.72	15.61	17.00
		8	7	15.88	15.63	15.59	17.00
		15	0	15.79	15.90	15.79	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.86	20.79	20.96	22.00
		1	13	20.92	20.77	20.90	22.00
		1	24	20.99	20.96	20.92	22.00
		12	0	20.07	19.74	19.70	21.00
		12	6	20.03	19.88	19.84	21.00
		12	13	20.06	20.07	19.92	21.00
		25	0	20.02	19.83	19.81	21.00
	16QAM	1	0	20.35	19.95	20.12	21.00
		1	13	19.95	20.04	19.78	21.00



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		1	24	19.96	19.85	19.98	21.00
		12	0	19.09	18.75	18.67	20.00
		12	6	18.88	18.75	18.60	20.00
		12	13	18.93	18.87	18.80	20.00
		25	0	18.69	18.72	18.65	20.00
	64QAM	1	0	18.74	18.68	18.82	20.00
		1	13	18.83	18.71	18.86	20.00
		1	24	18.64	18.88	18.55	20.00
		12	0	17.67	17.79	17.95	19.00
		12	6	17.79	17.81	17.78	19.00
		12	13	18.11	17.76	18.03	19.00
		25	0	17.86	17.89	18.02	19.00
	256QAM	1	0	15.76	15.77	15.94	17.00
		1	13	15.54	15.96	15.86	17.00
		1	24	15.71	15.75	15.95	17.00
		12	0	15.66	15.76	15.69	17.00
		12	6	15.89	15.77	15.54	17.00
		12	13	15.87	15.66	15.54	17.00
		25	0	15.85	15.95	15.92	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.83	20.77	20.82	22.00
		1	25	20.87	20.81	20.79	22.00
		1	49	21.01	20.84	20.95	22.00
		25	0	20.04	19.69	19.82	21.00
		25	13	19.96	19.97	19.98	21.00
		25	25	20.07	20.04	19.75	21.00
		50	0	19.96	19.72	19.98	21.00
	16QAM	1	0	20.52	20.05	20.14	21.00
		1	25	19.81	20.07	19.92	21.00
		1	49	19.99	19.95	19.93	21.00
		25	0	18.97	18.75	18.68	20.00
		25	13	18.97	18.79	18.55	20.00
		25	25	18.78	18.86	18.62	20.00
		50	0	18.59	18.66	18.82	20.00
	64QAM	1	0	18.73	18.71	18.73	20.00
		1	25	18.99	18.63	18.80	20.00
		1	49	18.66	18.99	18.71	20.00
		25	0	17.70	17.76	17.96	19.00



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		25	13	17.81	17.99	17.79	19.00
		25	25	18.08	17.76	18.09	19.00
		50	0	17.87	17.88	18.05	19.00
	256QAM	1	0	15.72	15.77	15.93	17.00
		1	25	15.74	15.90	15.85	17.00
		1	49	15.79	15.75	15.80	17.00
		25	0	15.86	15.67	15.85	17.00
		25	13	15.91	15.72	15.55	17.00
		25	25	15.85	15.61	15.54	17.00
		50	0	15.83	15.81	15.77	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.77	20.74	20.95	22.00
		1	38	20.99	20.80	20.77	22.00
		1	74	20.99	20.84	20.92	22.00
		36	0	20.07	19.72	19.76	21.00
		36	18	20.09	19.87	19.86	21.00
		36	39	19.93	20.11	19.76	21.00
		75	0	19.97	19.77	19.84	21.00
	16QAM	1	0	20.44	20.07	20.10	21.00
		1	38	19.98	20.02	19.80	21.00
		1	74	20.09	19.86	20.08	21.00
		36	0	19.11	18.87	18.71	20.00
		36	18	18.95	18.91	18.48	20.00
		36	39	18.80	18.76	18.73	20.00
		75	0	18.55	18.65	18.63	20.00
	64QAM	1	0	18.69	18.78	18.74	20.00
		1	38	18.94	18.70	18.68	20.00
		1	74	18.56	18.94	18.63	20.00
		36	0	17.68	17.76	17.90	19.00
		36	18	17.83	17.89	17.95	19.00
		36	39	18.03	17.65	17.96	19.00
		75	0	17.75	17.97	18.08	19.00
	256QAM	1	0	15.68	15.83	15.85	17.00
		1	38	15.69	15.84	15.69	17.00
		1	74	15.86	15.70	15.94	17.00
		36	0	15.81	15.74	15.86	17.00
		36	18	15.88	15.70	15.54	17.00
		36	39	15.84	15.61	15.53	17.00



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Bandwidth	Modulation	75	0	15.87	15.80	15.78	17.00
		RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.78	20.79	20.86	22.00
		1	50	20.91	20.74	20.81	22.00
		1	99	20.94	20.88	21.00	22.00
		50	0	20.04	19.69	19.72	21.00
		50	25	20.02	19.93	19.90	21.00
		50	50	19.99	20.04	19.82	21.00
		100	0	20.05	19.79	19.88	21.00
	16QAM	1	0	20.42	19.99	20.15	21.00
		1	50	19.91	20.03	19.88	21.00
		1	99	20.04	19.92	20.02	21.00
		50	0	19.07	18.81	18.77	20.00
		50	25	18.96	18.81	18.53	20.00
		50	50	18.86	18.85	18.72	20.00
		100	0	18.59	18.72	18.72	20.00
	64QAM	1	0	18.79	18.70	18.73	20.00
		1	50	18.93	18.73	18.77	20.00
		1	99	18.63	18.98	18.61	20.00
		50	0	17.75	17.70	17.92	19.00
		50	25	17.86	17.90	17.88	19.00
		50	50	18.03	17.68	18.03	19.00
		100	0	17.79	17.95	18.00	19.00
	256QAM	1	0	15.78	15.83	15.86	17.00
		1	50	15.64	15.91	15.79	17.00
		1	99	15.78	15.74	15.88	17.00
		50	0	15.76	15.71	15.76	17.00
		50	25	15.84	15.71	15.58	17.00
		50	50	15.87	15.64	15.52	17.00
		100	0	15.84	15.89	15.82	17.00

LTE Band 4 Eci3/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				19957	20175	20393	
1.4MHz	QPSK	1	0	14.81	14.77	14.72	16.00
		1	2	14.92	14.85	14.81	16.00
		1	5	14.87	14.76	14.78	16.00
		3	0	14.80	14.74	14.67	16.00
		3	2	14.95	14.75	14.76	16.00
		3	3	14.92	14.78	14.88	16.00
		6	0	14.77	14.78	14.73	16.00
	16QAM	1	0	15.06	14.84	14.75	16.00
		1	2	15.18	14.99	14.89	16.00
		1	5	15.02	15.06	14.90	16.00
		3	0	14.89	14.76	14.65	16.00
		3	2	14.91	14.78	14.77	16.00
		3	3	14.80	14.82	14.77	16.00
		6	0	14.82	14.86	14.83	16.00
	64QAM	1	0	14.97	14.82	14.74	16.00
		1	2	14.99	14.79	14.93	16.00
		1	5	15.00	14.79	14.85	16.00
		3	0	14.90	14.86	14.70	16.00
		3	2	15.00	14.85	14.85	16.00
		3	3	14.84	14.88	14.90	16.00
		6	0	14.77	14.76	14.82	16.00
	256QAM	1	0	14.90	14.84	14.71	16.00
		1	2	14.86	14.76	14.86	16.00
		1	5	14.89	14.96	14.88	16.00
		3	0	14.83	14.83	14.74	16.00
		3	2	14.92	14.75	14.82	16.00
		3	3	14.86	14.76	14.73	16.00
		6	0	14.89	14.75	14.76	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	14.89	14.81	14.71	16.00
		1	7	14.86	14.86	14.72	16.00
		1	14	14.80	14.78	14.86	16.00
		8	0	14.86	14.74	14.65	16.00
		8	4	14.90	14.76	14.76	16.00
		8	7	14.81	14.79	14.83	16.00
		15	0	14.85	14.78	14.83	16.00
	16QAM	1	0	15.09	14.80	14.84	16.00



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		1	7	15.20	15.01	14.89	16.00
		1	14	15.01	15.04	14.95	16.00
		8	0	14.79	14.81	14.64	16.00
		8	4	14.88	14.80	14.87	16.00
		8	7	14.81	14.81	14.86	16.00
		15	0	14.80	14.82	14.87	16.00
	64QAM	1	0	14.98	14.77	14.76	16.00
		1	7	14.94	14.80	14.98	16.00
		1	14	14.95	14.83	14.87	16.00
		8	0	14.92	14.80	14.69	16.00
		8	4	14.90	14.84	14.75	16.00
		8	7	14.86	14.85	14.83	16.00
	256QAM	15	0	14.87	14.84	14.83	16.00
		1	0	14.88	14.79	14.68	16.00
		1	7	14.91	14.85	14.87	16.00
		1	14	14.79	14.89	14.83	16.00
		8	0	14.93	14.86	14.67	16.00
		8	4	14.93	14.78	14.87	16.00
		8	7	14.83	14.77	14.74	16.00
		15	0	14.81	14.78	14.74	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	14.89	14.74	14.64	16.00
		1	13	14.87	14.81	14.79	16.00
		1	24	14.92	14.69	14.77	16.00
		12	0	14.88	14.83	14.65	16.00
		12	6	14.91	14.77	14.74	16.00
		12	13	14.83	14.82	14.87	16.00
		25	0	14.81	14.84	14.84	16.00
	16QAM	1	0	15.13	14.86	14.80	16.00
		1	13	15.20	15.08	14.92	16.00
		1	24	15.02	15.00	14.94	16.00
		12	0	14.81	14.78	14.67	16.00
		12	6	14.97	14.83	14.86	16.00
		12	13	14.87	14.83	14.77	16.00
		25	0	14.85	14.79	14.88	16.00
	64QAM	1	0	15.01	14.80	14.72	16.00
		1	13	15.03	14.84	14.89	16.00
		1	24	14.91	14.85	14.89	16.00



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		12	0	14.81	14.74	14.78	16.00
		12	6	14.88	14.81	14.86	16.00
		12	13	14.82	14.85	14.82	16.00
		25	0	14.86	14.80	14.75	16.00
	256QAM	1	0	14.94	14.90	14.63	16.00
		1	13	14.82	14.77	14.92	16.00
		1	24	14.83	14.98	14.91	16.00
		12	0	14.89	14.79	14.71	16.00
		12	6	14.88	14.77	14.78	16.00
		12	13	14.90	14.83	14.73	16.00
		25	0	14.90	14.80	14.83	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	14.81	14.81	14.71	16.00
		1	25	14.81	14.88	14.74	16.00
		1	49	14.89	14.77	14.81	16.00
		25	0	14.88	14.80	14.69	16.00
		25	13	14.90	14.75	14.81	16.00
		25	25	14.92	14.81	14.78	16.00
		50	0	14.87	14.84	14.82	16.00
	16QAM	1	0	15.10	14.85	14.82	16.00
		1	25	15.19	15.05	14.97	16.00
		1	49	15.01	15.03	14.89	16.00
		25	0	14.81	14.87	14.60	16.00
		25	13	14.89	14.77	14.77	16.00
		25	25	14.84	14.90	14.83	16.00
		50	0	14.82	14.81	14.84	16.00
	64QAM	1	0	14.92	14.79	14.79	16.00
		1	25	15.02	14.90	14.99	16.00
		1	49	15.01	14.85	14.92	16.00
		25	0	14.88	14.74	14.77	16.00
		25	13	14.88	14.76	14.86	16.00
		25	25	14.81	14.81	14.90	16.00
		50	0	14.80	14.85	14.83	16.00
	256QAM	1	0	14.93	14.80	14.66	16.00
		1	25	14.87	14.77	14.87	16.00
		1	49	14.80	14.88	14.82	16.00
		25	0	14.89	14.82	14.66	16.00
		25	13	14.83	14.84	14.82	16.00



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		25	25	14.90	14.79	14.76	16.00
		50	0	14.80	14.82	14.83	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	14.81	14.76	14.61	16.00
		1	38	14.91	14.89	14.81	16.00
		1	74	14.90	14.78	14.79	16.00
		36	0	14.87	14.81	14.70	16.00
		36	18	14.83	14.77	14.78	16.00
		36	39	14.80	14.89	14.80	16.00
		75	0	14.88	14.85	14.77	16.00
	16QAM	1	0	15.04	14.89	14.74	16.00
		1	38	15.16	15.07	14.88	16.00
		1	74	15.08	15.08	14.90	16.00
		36	0	14.82	14.85	14.69	16.00
		36	18	14.91	14.80	14.86	16.00
		36	39	14.88	14.89	14.88	16.00
		75	0	14.87	14.81	14.88	16.00
	64QAM	1	0	14.89	14.85	14.82	16.00
		1	38	14.93	14.80	14.97	16.00
		1	74	14.91	14.86	14.84	16.00
		36	0	14.83	14.75	14.67	16.00
		36	18	14.90	14.84	14.76	16.00
		36	39	14.87	14.88	14.82	16.00
		75	0	14.87	14.84	14.81	16.00
	256QAM	1	0	14.91	14.80	14.74	16.00
		1	38	14.90	14.84	14.93	16.00
		1	74	14.91	15.00	14.81	16.00
		36	0	14.93	14.76	14.72	16.00
		36	18	14.83	14.73	14.80	16.00
		36	39	14.90	14.83	14.82	16.00
		75	0	14.81	14.75	14.75	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	14.94	14.86	14.74	16.00
		1	50	14.93	14.91	14.84	16.00
		1	99	14.93	14.79	14.88	16.00
		50	0	14.92	14.85	14.77	16.00
		50	25	14.96	14.86	14.86	16.00



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		50	50	14.93	14.90	14.91	16.00
		100	0	14.89	14.89	14.85	16.00
	16QAM	1	0	15.14	14.91	14.86	16.00
		1	50	15.24	15.11	15.00	16.00
		1	99	15.10	15.11	14.97	16.00
		50	0	14.90	14.88	14.73	16.00
		50	25	15.00	14.89	14.88	16.00
		50	50	14.93	14.94	14.89	16.00
		100	0	14.89	14.88	14.90	16.00
	64QAM	1	0	15.02	14.87	14.83	16.00
		1	50	15.04	14.92	15.00	16.00
		1	99	15.03	14.90	14.93	16.00
		50	0	14.94	14.87	14.79	16.00
		50	25	15.01	14.89	14.87	16.00
		50	50	14.93	14.89	14.94	16.00
		100	0	14.89	14.89	14.84	16.00
	256QAM	1	0	14.99	14.92	14.75	16.00
		1	50	14.93	14.88	14.99	16.00
		1	99	14.92	15.01	14.92	16.00
		50	0	14.94	14.88	14.77	16.00
		50	25	14.95	14.86	14.88	16.00
		50	50	14.91	14.88	14.86	16.00
		100	0	14.92	14.88	14.87	16.00

LTE Band 4 Eci6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.38	19.35	19.24	20.50
		1	2	19.47	19.43	19.30	20.50
		1	5	19.45	19.37	19.45	20.50
		3	0	19.32	19.38	19.35	20.50
		3	2	19.40	19.27	19.36	20.50
		3	3	19.35	19.43	19.41	20.50
		6	0	19.42	19.48	19.36	20.50
	16QAM	1	0	19.63	19.49	19.40	20.50
		1	2	19.77	19.58	19.45	20.50
		1	5	19.59	19.67	19.48	20.50
		3	0	18.89	18.86	18.70	20.50



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		3	2	19.07	18.95	18.83	20.50
		3	3	18.83	19.00	18.91	20.50
		6	0	18.95	18.95	18.99	20.00
	64QAM	1	0	19.03	18.78	18.91	20.00
		1	2	18.97	18.95	19.05	20.00
		1	5	19.12	18.83	19.01	20.00
		3	0	18.80	18.73	18.57	20.00
		3	2	18.88	18.63	18.75	20.00
		3	3	18.77	18.79	18.78	20.00
		6	0	17.80	17.83	17.91	19.00
	256QAM	1	0	15.98	15.99	15.65	17.00
		1	2	16.03	15.78	16.02	17.00
		1	5	16.02	16.06	15.99	17.00
		3	0	15.93	15.78	15.72	17.00
		3	2	16.02	15.92	15.80	17.00
		3	3	15.95	15.92	15.81	17.00
		6	0	15.82	15.90	15.78	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	19.34	19.29	19.34	20.50
		1	7	19.34	19.50	19.31	20.50
		1	14	19.35	19.24	19.28	20.50
		8	0	19.44	19.35	19.20	20.50
		8	4	19.47	19.27	19.37	20.50
		8	7	19.43	19.34	19.41	20.50
		15	0	19.33	19.49	19.42	20.50
	16QAM	1	0	19.60	19.32	19.45	20.50
		1	7	19.83	19.60	19.51	20.50
		1	14	19.64	19.56	19.45	20.50
		8	0	19.00	18.90	18.72	20.00
		8	4	19.06	18.96	18.84	20.00
		8	7	18.98	18.92	18.94	20.00
		15	0	18.84	18.80	18.99	20.00
	64QAM	1	0	19.00	18.93	18.73	20.00
		1	7	19.01	18.85	19.06	20.00
		1	14	19.01	18.82	18.86	20.00
		8	0	17.96	17.78	17.77	19.00
		8	4	18.01	17.91	17.91	19.00
		8	7	17.98	17.98	18.04	19.00



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		15	0	17.84	17.88	17.91	19.00
	256QAM	1	0	15.89	15.85	15.70	17.00
		1	7	15.93	15.86	15.94	17.00
		1	14	15.82	16.02	15.93	17.00
		8	0	15.84	15.89	15.87	17.00
		8	4	16.00	15.80	15.98	17.00
		8	7	15.95	15.83	15.80	17.00
		15	0	15.88	15.91	15.89	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.23	19.30	19.26	20.50
		1	13	19.44	19.33	19.27	20.50
		1	24	19.51	19.34	19.31	20.50
		12	0	19.48	19.33	19.21	20.50
		12	6	19.56	19.28	19.45	20.50
		12	13	19.33	19.36	19.36	20.50
		25	0	19.38	19.48	19.37	20.50
	16QAM	1	0	19.54	19.44	19.36	20.50
		1	13	19.67	19.60	19.44	20.50
		1	24	19.66	19.68	19.55	20.50
		12	0	18.95	18.86	18.63	20.00
		12	6	18.95	18.90	18.87	20.00
		12	13	18.83	18.96	18.84	20.00
		25	0	18.84	18.95	18.97	20.00
	64QAM	1	0	19.01	18.89	18.73	20.00
		1	13	18.96	18.95	18.99	20.00
		1	24	19.12	18.85	18.89	20.00
		12	0	18.04	17.91	17.78	19.00
		12	6	18.06	17.88	17.97	19.00
		12	13	18.02	17.84	17.92	19.00
		25	0	17.95	17.90	17.82	19.00
	256QAM	1	0	15.97	15.83	15.65	17.00
		1	13	16.00	15.85	15.97	17.00
		1	24	16.00	15.95	15.88	17.00
		12	0	15.99	15.89	15.71	17.00
		12	6	16.01	15.87	15.95	17.00
		12	13	15.82	15.98	15.90	17.00
		25	0	16.00	15.92	15.92	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				20000	20175	20350	
10MHz	QPSK	1	0	19.37	19.24	19.27	20.50
		1	25	19.46	19.37	19.34	20.50
		1	49	19.44	19.36	19.48	20.50
		25	0	19.46	19.30	19.27	20.50
		25	13	19.46	19.33	19.43	20.50
		25	25	19.45	19.45	19.41	20.50
		50	0	19.32	19.36	19.45	20.50
	16QAM	1	0	19.54	19.51	19.33	20.50
		1	25	19.80	19.68	19.50	20.50
		1	49	19.60	19.66	19.37	20.50
		25	0	18.98	18.95	18.76	20.00
		25	13	19.04	18.80	18.94	20.00
		25	25	18.91	18.90	18.91	20.00
		50	0	18.91	18.91	18.96	20.00
	64QAM	1	0	18.97	18.93	18.80	20.00
		1	25	19.07	19.00	19.08	20.00
		1	49	19.06	18.83	19.02	20.00
		25	0	17.85	17.94	17.85	19.00
		25	13	17.96	17.85	17.78	19.00
		25	25	18.03	17.90	17.87	19.00
		50	0	17.82	17.81	17.78	19.00
	256QAM	1	0	15.94	16.02	15.68	17.00
		1	25	15.89	15.94	16.06	17.00
		1	49	15.95	15.95	15.89	17.00
		25	0	15.84	15.79	15.82	17.00
		25	13	16.01	15.86	15.85	17.00
		25	25	16.01	15.94	15.88	17.00
		50	0	15.98	15.93	15.79	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.28	19.25	19.30	20.50
		1	38	19.47	19.38	19.27	20.50
		1	74	19.48	19.22	19.33	20.50
		36	0	19.38	19.31	19.21	20.50
		36	18	19.44	19.35	19.28	20.50
		36	39	19.42	19.31	19.32	20.50
		75	0	19.49	19.34	19.25	20.50
	16QAM	1	0	19.65	19.48	19.39	20.50



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		1	38	19.70	19.52	19.55	20.50
		1	74	19.59	19.69	19.48	20.50
		36	0	18.92	18.91	18.74	20.00
		36	18	18.99	18.99	18.91	20.00
		36	39	18.97	18.99	18.84	20.00
		75	0	18.97	18.87	18.88	20.00
	64QAM	1	0	19.03	18.93	18.80	20.00
		1	38	19.00	19.02	19.05	20.00
		1	74	19.11	18.88	18.97	20.00
		36	0	18.02	17.97	17.81	19.00
		36	18	18.08	17.87	17.83	19.00
		36	39	17.92	17.98	17.96	19.00
	256QAM	75	0	17.91	17.93	17.83	19.00
		1	0	15.98	15.84	15.67	17.00
		1	38	16.00	15.87	15.95	17.00
		1	74	15.82	15.93	15.88	17.00
		36	0	15.85	15.89	15.68	17.00
		36	18	15.93	15.86	15.78	17.00
		36	39	15.87	15.85	15.84	17.00
		75	0	15.91	15.91	15.91	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.33	19.32	19.30	20.50
		1	50	19.43	19.41	19.34	20.50
		1	99	19.43	19.29	19.38	20.50
		50	0	19.42	19.35	19.27	20.50
		50	25	19.46	19.36	19.36	20.50
		50	50	19.43	19.40	19.41	20.50
		100	0	19.39	19.39	19.35	20.50
	16QAM	1	0	19.64	19.41	19.36	20.50
		1	50	19.74	19.61	19.50	20.50
		1	99	19.60	19.61	19.47	20.50
		50	0	18.90	18.88	18.73	20.00
		50	25	19.00	18.89	18.88	20.00
		50	50	18.93	18.94	18.89	20.00
		100	0	18.89	18.88	18.90	20.00
	64QAM	1	0	19.02	18.87	18.83	20.00
		1	50	19.04	18.92	19.00	20.00
		1	99	19.03	18.90	18.93	20.00



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		50	0	17.94	17.87	17.79	19.00
		50	25	18.01	17.89	17.87	19.00
		50	50	17.93	17.89	17.94	19.00
		100	0	17.89	17.89	17.84	19.00
	256QAM	1	0	15.99	15.92	15.75	17.00
		1	50	15.93	15.88	15.99	17.00
		1	99	15.92	16.01	15.92	17.00
		50	0	15.94	15.88	15.77	17.00
		50	25	15.95	15.86	15.88	17.00
		50	50	15.91	15.88	15.86	17.00
		100	0	15.92	15.88	15.87	17.00

LTE Band 5 Eci2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.38	22.20	22.21	23.50
		1	2	22.29	22.27	22.22	23.50
		1	5	22.42	22.28	22.14	23.50
		3	0	22.53	22.34	22.33	23.50
		3	2	22.39	22.21	22.26	23.50
		3	3	22.44	22.20	22.38	23.50
		6	0	21.33	21.27	21.25	22.50
	16QAM	1	0	21.59	21.30	21.32	22.50
		1	2	21.48	21.46	21.43	22.50
		1	5	21.48	21.32	21.34	22.50
		3	0	21.44	21.15	21.18	22.50
		3	2	21.29	21.27	21.27	22.50
		3	3	21.44	21.35	21.32	22.50
		6	0	20.50	20.18	20.35	21.50
	64QAM	1	0	20.25	20.24	20.34	21.50
		1	2	20.48	20.23	20.37	21.50
		1	5	20.42	20.33	20.37	21.50
		3	0	20.16	20.16	20.24	21.50
		3	2	20.30	20.29	20.18	21.50
		3	3	20.28	20.21	20.22	21.50
		6	0	19.25	19.28	19.20	20.50
	256QAM	1	0	17.44	17.60	17.62	18.50
		1	2	17.40	17.46	17.56	18.50



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		1	5	17.50	17.44	17.34	18.50
		3	0	17.40	17.40	17.38	18.50
		3	2	17.32	17.44	17.30	18.50
		3	3	17.44	17.42	17.30	18.50
		6	0	17.34	17.26	17.25	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	22.36	22.10	22.25	23.50
		1	7	22.30	22.16	22.24	23.50
		1	14	22.32	22.29	22.27	23.50
		8	0	21.44	21.21	21.21	22.50
		8	4	21.44	21.34	21.18	22.50
		8	7	21.36	21.34	21.19	22.50
		15	0	21.39	21.24	21.31	22.50
	16QAM	1	0	21.69	21.29	21.48	22.50
		1	7	21.37	21.34	21.34	22.50
		1	14	21.58	21.42	21.41	22.50
		8	0	20.47	20.20	20.32	21.50
		8	4	20.46	20.34	20.19	21.50
		8	7	20.44	20.30	20.21	21.50
		15	0	20.31	20.26	20.33	21.50
	64QAM	1	0	20.34	20.24	20.34	21.50
		1	7	20.44	20.23	20.25	21.50
		1	14	20.32	20.45	20.32	21.50
		8	0	19.17	19.18	19.34	20.50
		8	4	19.26	19.28	19.12	20.50
		8	7	19.26	19.18	19.30	20.50
		15	0	19.21	19.24	19.30	20.50
	256QAM	1	0	17.42	17.55	17.48	18.50
		1	7	17.38	17.52	17.52	18.50
		1	14	17.36	17.54	17.35	18.50
		8	0	17.34	17.42	17.27	18.50
		8	4	17.39	17.39	17.36	18.50
		8	7	17.44	17.35	17.29	18.50
		15	0	17.41	17.33	17.42	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	22.32	22.25	22.20	23.50
		1	13	22.47	22.25	22.22	23.50



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		1	24	22.42	22.21	22.33	23.50
		12	0	21.54	21.35	21.20	22.50
		12	6	21.40	21.20	21.25	22.50
		12	13	21.42	21.24	21.36	22.50
		25	0	21.48	21.18	21.31	22.50
	16QAM	1	0	21.75	21.38	21.48	22.50
		1	13	21.40	21.33	21.39	22.50
		1	24	21.68	21.38	21.46	22.50
		12	0	20.53	20.31	20.19	21.50
		12	6	20.37	20.30	20.18	21.50
		12	13	20.31	20.30	20.20	21.50
		25	0	20.41	20.35	20.37	21.50
	64QAM	1	0	20.35	20.21	20.35	21.50
		1	13	20.34	20.22	20.22	21.50
		1	24	20.41	20.45	20.22	21.50
		12	0	19.25	19.27	19.34	20.50
		12	6	19.26	19.15	19.30	20.50
		12	13	19.32	19.30	19.36	20.50
		25	0	19.18	19.18	19.21	20.50
	256QAM	1	0	17.32	17.58	17.56	18.50
		1	13	17.37	17.62	17.41	18.50
		1	24	17.51	17.41	17.49	18.50
		12	0	17.45	17.33	17.29	18.50
		12	6	17.33	17.45	17.41	18.50
		12	13	17.39	17.26	17.35	18.50
		25	0	17.30	17.33	17.24	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	22.29	22.19	22.22	23.50
		1	25	22.37	22.20	22.19	23.50
		1	49	22.34	22.22	22.24	23.50
		25	0	21.47	21.27	21.29	22.50
		25	13	21.38	21.26	21.27	22.50
		25	25	21.38	21.26	21.29	22.50
		50	0	21.43	21.26	21.29	22.50
	16QAM	1	0	21.65	21.34	21.42	22.50
		1	25	21.47	21.38	21.37	22.50
		1	49	21.58	21.41	21.39	22.50
		25	0	20.43	20.25	20.25	21.50



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		25	13	20.37	20.25	20.24	21.50
		25	25	20.37	20.25	20.29	21.50
		50	0	20.41	20.27	20.27	21.50
	64QAM	1	0	20.33	20.28	20.34	21.50
		1	25	20.40	20.31	20.32	21.50
		1	49	20.42	20.38	20.31	21.50
		25	0	19.21	19.24	19.28	20.50
		25	13	19.21	19.25	19.20	20.50
		25	25	19.26	19.24	19.27	20.50
		50	0	19.22	19.27	19.26	20.50
	256QAM	1	0	17.39	17.52	17.52	18.50
		1	25	17.42	17.52	17.51	18.50
		1	49	17.44	17.46	17.43	18.50
		25	0	17.36	17.35	17.32	18.50
		25	13	17.36	17.35	17.34	18.50
		25	25	17.39	17.36	17.35	18.50
		50	0	17.37	17.36	17.34	18.50

LTE Band 5 Eci3/7/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	20.55	20.69	20.63	22.00
		1	2	20.62	20.72	20.56	22.00
		1	5	20.72	20.57	20.61	22.00
		3	0	20.77	20.66	20.73	22.00
		3	2	20.66	20.63	20.63	22.00
		3	3	20.84	20.58	20.70	22.00
		6	0	20.89	20.69	20.51	22.00
	16QAM	1	0	20.87	20.64	20.71	22.00
		1	2	20.57	20.74	20.74	22.00
		1	5	20.84	20.73	20.59	22.00
		3	0	20.88	20.69	20.55	22.00
		3	2	20.95	20.75	20.53	22.00
		3	3	20.82	20.56	20.54	22.00
		6	0	20.32	20.14	20.03	21.50
	64QAM	1	0	20.24	20.32	20.30	21.50
		1	2	20.44	20.19	20.07	21.50



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		1	5	20.34	20.16	20.08	21.50
		3	0	20.41	20.14	19.97	21.50
		3	2	20.20	19.91	19.94	21.50
		3	3	20.21	20.20	19.86	21.50
		6	0	19.51	19.29	19.14	20.50
	256QAM	1	0	17.37	17.42	17.49	18.50
		1	2	17.59	17.44	17.12	18.50
		1	5	17.62	17.40	17.22	18.50
		3	0	17.57	17.39	17.16	18.50
		3	2	17.60	17.37	17.12	18.50
		3	3	17.59	17.48	17.24	18.50
		6	0	17.55	17.33	17.14	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	20.99	20.77	20.74	22.00
		1	7	21.10	20.71	20.73	22.00
		1	14	20.91	20.67	20.57	22.00
		8	0	20.97	20.77	20.58	22.00
		8	4	20.93	20.80	20.65	22.00
		8	7	20.99	20.68	20.61	22.00
		15	0	20.94	20.75	20.62	22.00
	16QAM	1	0	21.23	21.01	20.87	22.00
		1	7	21.35	20.98	20.81	22.00
		1	14	20.94	20.86	20.90	22.00
		8	0	20.28	20.36	20.22	21.50
		8	4	20.37	20.27	20.20	21.50
		8	7	20.39	20.24	20.23	21.50
		15	0	20.44	20.26	20.29	21.50
	64QAM	1	0	20.62	20.37	20.52	21.50
		1	7	20.21	20.36	20.27	21.50
		1	14	20.45	20.29	20.22	21.50
		8	0	19.54	19.40	19.37	20.50
		8	4	19.52	19.44	19.36	20.50
		8	7	19.54	19.37	19.39	20.50
		15	0	19.61	19.46	19.32	20.50
	256QAM	1	0	17.40	17.63	17.14	18.50
		1	7	17.57	17.56	17.44	18.50
		1	14	17.63	17.49	17.31	18.50
		8	0	17.52	17.45	17.33	18.50



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		8	4	17.47	17.42	17.28	18.50
		8	7	17.48	17.31	17.29	18.50
		15	0	17.59	17.40	17.37	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	21.05	20.69	20.68	22.00
		1	13	21.00	20.67	20.66	22.00
		1	24	20.96	20.70	20.59	22.00
		12	0	21.01	20.78	20.55	22.00
		12	6	20.94	20.84	20.64	22.00
		12	13	20.96	20.73	20.65	22.00
		25	0	20.91	20.74	20.65	22.00
	16QAM	1	0	21.26	21.03	20.98	22.00
		1	13	21.35	20.99	20.83	22.00
		1	24	21.01	20.79	20.89	22.00
		12	0	20.28	20.30	20.26	21.50
		12	6	20.35	20.25	20.17	21.50
		12	13	20.44	20.31	20.21	21.50
		25	0	20.41	20.37	20.24	21.50
	64QAM	1	0	20.63	20.37	20.58	21.50
		1	13	20.22	20.33	20.34	21.50
		1	24	20.34	20.35	20.16	21.50
		12	0	19.55	19.45	19.39	20.50
		12	6	19.59	19.41	19.31	20.50
		12	13	19.52	19.45	19.35	20.50
		25	0	19.56	19.38	19.40	20.50
	256QAM	1	0	17.37	17.61	17.13	18.50
		1	13	17.64	17.52	17.45	18.50
		1	24	17.54	17.48	17.39	18.50
		12	0	17.63	17.38	17.30	18.50
		12	6	17.53	17.47	17.37	18.50
		12	13	17.54	17.37	17.25	18.50
		25	0	17.50	17.37	17.36	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	20.98	20.65	20.66	22.00
		1	25	20.99	20.63	20.65	22.00
		1	49	20.84	20.64	20.51	22.00
		25	0	20.95	20.76	20.53	22.00



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		25	13	20.89	20.73	20.56	22.00
		25	25	20.92	20.66	20.56	22.00
		50	0	20.90	20.72	20.61	22.00
	16QAM	1	0	21.17	20.92	20.86	22.00
		1	25	21.23	20.89	20.79	22.00
		1	49	20.93	20.78	20.80	22.00
		25	0	20.27	20.26	20.21	21.50
		25	13	20.34	20.24	20.16	21.50
		25	25	20.36	20.21	20.16	21.50
		50	0	20.37	20.25	20.19	21.50
	64QAM	1	0	20.59	20.33	20.46	21.50
		1	25	20.14	20.28	20.24	21.50
		1	49	20.33	20.23	20.14	21.50
		25	0	19.52	19.38	19.31	20.50
		25	13	19.48	19.35	19.27	20.50
		25	25	19.46	19.34	19.27	20.50
		50	0	19.50	19.36	19.28	20.50
	256QAM	1	0	17.29	17.51	17.06	18.50
		1	25	17.54	17.48	17.36	18.50
		1	49	17.51	17.39	17.27	18.50
		25	0	17.51	17.36	17.21	18.50
		25	13	17.46	17.37	17.25	18.50
		25	25	17.45	17.26	17.23	18.50
		50	0	17.47	17.32	17.25	18.50

LTE Band 7 Eci2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.26	21.24	21.28	22.50
		1	13	21.23	21.13	21.29	22.50
		1	24	21.45	21.25	21.13	22.50
		12	0	20.38	20.25	20.37	21.50
		12	6	20.24	20.35	20.31	21.50
		12	13	20.27	20.32	20.37	21.50
		25	0	20.51	20.39	20.28	21.50
	16QAM	1	0	20.80	20.36	20.48	21.50
		1	13	20.62	20.32	20.27	21.50
		1	24	20.54	20.40	20.53	21.50



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		12	0	19.54	19.33	19.32	20.50
		12	6	19.32	19.39	19.13	20.50
		12	13	19.39	19.40	19.27	20.50
		25	0	19.30	19.21	19.14	20.50
	64QAM	1	0	19.40	19.36	19.26	20.50
		1	13	19.41	19.27	19.40	20.50
		1	24	19.43	19.37	19.23	20.50
		12	0	18.10	18.11	18.37	19.50
		12	6	18.27	18.17	18.12	19.50
		12	13	18.37	18.32	18.25	19.50
		25	0	18.08	18.28	18.37	19.50
	256QAM	1	0	16.51	16.53	16.54	17.50
		1	13	16.49	16.57	16.39	17.50
		1	24	16.41	16.33	16.54	17.50
		12	0	16.35	16.20	16.38	17.50
		12	6	16.43	16.34	16.29	17.50
		12	13	16.49	16.47	16.23	17.50
		25	0	16.36	16.27	16.44	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	21.14	21.18	21.37	22.50
		1	25	21.49	21.23	21.12	22.50
		1	49	21.32	21.13	21.21	22.50
		25	0	20.56	20.40	20.26	21.50
		25	13	20.45	20.32	20.33	21.50
		25	25	20.46	20.41	20.15	21.50
		50	0	20.32	20.30	20.24	21.50
	16QAM	1	0	20.75	20.31	20.39	21.50
		1	25	20.41	20.48	20.48	21.50
		1	49	20.44	20.55	20.48	21.50
		25	0	19.28	19.14	19.14	20.50
		25	13	19.25	19.11	19.29	20.50
		25	25	19.51	19.19	19.41	20.50
		50	0	19.38	19.28	19.42	20.50
	64QAM	1	0	19.24	19.28	19.36	20.50
		1	25	19.25	19.17	19.20	20.50
		1	49	19.39	19.27	19.27	20.50
		25	0	18.26	18.27	18.18	19.50
		25	13	18.28	18.38	18.08	19.50



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		25	25	18.12	18.25	18.16	19.50
		50	0	18.20	18.40	18.28	19.50
	256QAM	1	0	16.49	16.40	16.67	17.50
		1	25	16.54	16.61	16.39	17.50
		1	49	16.48	16.35	16.49	17.50
		25	0	16.28	16.37	16.24	17.50
		25	13	16.50	16.28	16.44	17.50
		25	25	16.29	16.30	16.27	17.50
		50	0	16.26	16.42	16.44	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.25	21.34	21.09	22.50
		1	38	21.46	21.22	21.14	22.50
		1	74	21.47	21.10	21.23	22.50
		36	0	20.37	20.35	20.33	21.50
		36	18	20.48	20.35	20.25	21.50
		36	39	20.43	20.19	20.38	21.50
		75	0	20.29	20.36	20.15	21.50
	16QAM	1	0	20.70	20.49	20.45	21.50
		1	38	20.44	20.48	20.22	21.50
		1	74	20.52	20.33	20.41	21.50
		36	0	19.28	19.31	19.33	20.50
		36	18	19.42	19.13	19.30	20.50
		36	39	19.28	19.24	19.44	20.50
		75	0	19.38	19.18	19.26	20.50
	64QAM	1	0	19.26	19.15	19.49	20.50
		1	38	19.47	19.45	19.42	20.50
		1	74	19.55	19.34	19.37	20.50
		36	0	18.33	18.15	18.27	19.50
		36	18	18.16	18.40	18.09	19.50
		36	39	18.19	18.37	18.41	19.50
		75	0	18.13	18.28	18.22	19.50
	256QAM	1	0	16.49	16.64	16.62	17.50
		1	38	16.50	16.66	16.57	17.50
		1	74	16.31	16.45	16.30	17.50
		36	0	16.34	16.36	16.23	17.50
		36	18	16.51	16.24	16.47	17.50
		36	39	16.44	16.29	16.29	17.50
		75	0	16.31	16.40	16.48	17.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.39	21.12	21.11	22.50
		1	50	21.50	21.13	21.26	22.50
		1	99	21.32	21.14	21.10	22.50
		50	0	20.35	20.14	20.30	21.50
		50	25	20.26	20.26	20.42	21.50
		50	50	20.52	20.11	20.25	21.50
		100	0	20.58	20.31	20.32	21.50
	16QAM	1	0	20.53	20.40	20.39	21.50
		1	50	20.40	20.31	20.31	21.50
		1	99	20.60	20.33	20.46	21.50
		50	0	19.53	19.34	19.22	20.50
		50	25	19.22	19.29	19.10	20.50
		50	50	19.44	19.22	19.30	20.50
		100	0	19.48	19.18	19.35	20.50
	64QAM	1	0	19.29	19.17	19.22	20.50
		1	50	19.44	19.21	19.25	20.50
		1	99	19.34	19.28	19.32	20.50
		50	0	18.06	18.34	18.35	19.50
		50	25	18.18	18.39	18.06	19.50
		50	50	18.12	18.33	18.22	19.50
		100	0	18.25	18.16	18.31	19.50
	256QAM	1	0	16.30	16.63	16.41	17.50
		1	50	16.31	16.57	16.58	17.50
		1	99	16.57	16.39	16.58	17.50
		50	0	16.43	16.45	16.30	17.50
		50	25	16.37	16.38	16.24	17.50
		50	50	16.34	16.51	16.27	17.50
		100	0	16.49	16.29	16.27	17.50

LTE Band 7 Eci3/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.72	16.94	16.74	18.00
		1	13	16.64	16.72	16.57	18.00
		1	24	16.76	16.54	16.77	18.00
		12	0	16.61	16.86	16.68	18.00



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		12	6	16.64	16.72	16.63	18.00
		12	13	16.83	16.68	16.63	18.00
		25	0	16.74	16.70	16.64	18.00
	16QAM	1	0	16.67	16.97	16.68	18.00
		1	13	16.71	16.87	16.62	18.00
		1	24	16.76	16.61	16.59	18.00
		12	0	16.64	16.73	16.76	18.00
		12	6	16.78	16.78	16.62	18.00
		12	13	16.70	16.63	16.72	18.00
		25	0	16.62	16.72	16.59	18.00
	64QAM	1	0	16.64	17.00	16.55	18.00
		1	13	16.65	16.67	16.69	18.00
		1	24	16.75	16.68	16.70	18.00
		12	0	16.63	16.81	16.62	18.00
		12	6	16.70	16.75	16.63	18.00
		12	13	16.84	16.65	16.60	18.00
		25	0	16.71	16.64	16.63	18.00
	256QAM	1	0	16.12	16.43	16.12	17.50
		1	13	16.17	16.40	16.04	17.50
		1	24	16.23	16.20	16.08	17.50
		12	0	15.99	16.18	15.98	17.50
		12	6	16.18	16.21	15.95	17.50
		12	13	16.30	16.22	15.97	17.50
		25	0	16.11	16.13	16.00	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	16.71	16.96	16.64	18.00
		1	25	16.68	16.82	16.57	18.00
		1	49	16.76	16.52	16.69	18.00
		25	0	16.53	16.83	16.69	18.00
		25	13	16.78	16.73	16.62	18.00
		25	25	16.70	16.59	16.66	18.00
		50	0	16.74	16.72	16.71	18.00
	16QAM	1	0	16.70	17.04	16.65	18.00
		1	25	16.70	16.75	16.57	18.00
		1	49	16.81	16.59	16.59	18.00
		25	0	16.60	16.86	16.70	18.00
		25	13	16.77	16.79	16.72	18.00
		25	25	16.73	16.59	16.73	18.00



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		50	0	16.59	16.78	16.68	18.00
	64QAM	1	0	16.70	17.03	16.61	18.00
		1	25	16.67	16.66	16.78	18.00
		1	49	16.72	16.59	16.67	18.00
		25	0	16.64	16.79	16.67	18.00
		25	13	16.62	16.84	16.71	18.00
		25	25	16.78	16.63	16.68	18.00
		50	0	16.64	16.71	16.62	18.00
	256QAM	1	0	16.10	16.58	16.23	17.50
		1	25	16.29	16.33	16.04	17.50
		1	49	16.31	16.13	15.95	17.50
		25	0	16.07	16.28	15.97	17.50
		25	13	16.23	16.20	16.06	17.50
		25	25	16.18	16.22	15.97	17.50
		50	0	16.24	16.15	15.99	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.67	16.88	16.73	18.00
		1	38	16.59	16.79	16.64	18.00
		1	74	16.75	16.53	16.72	18.00
		36	0	16.54	16.95	16.67	18.00
		36	18	16.72	16.76	16.66	18.00
		36	39	16.70	16.68	16.76	18.00
		75	0	16.65	16.67	16.72	18.00
	16QAM	1	0	16.57	17.02	16.66	18.00
		1	38	16.72	16.88	16.54	18.00
		1	74	16.74	16.67	16.69	18.00
		36	0	16.57	16.75	16.64	18.00
		36	18	16.78	16.79	16.67	18.00
		36	39	16.68	16.68	16.68	18.00
		75	0	16.56	16.67	16.70	18.00
	64QAM	1	0	16.58	16.89	16.56	18.00
		1	38	16.66	16.62	16.71	18.00
		1	74	16.74	16.66	16.67	18.00
		36	0	16.53	16.75	16.67	18.00
		36	18	16.72	16.84	16.69	18.00
		36	39	16.70	16.70	16.60	18.00
		75	0	16.74	16.75	16.71	18.00
	256QAM	1	0	16.18	16.52	16.09	17.50



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		1	38	16.24	16.27	15.98	17.50
		1	74	16.29	16.18	16.08	17.50
		36	0	15.98	16.19	16.01	17.50
		36	18	16.18	16.25	15.94	17.50
		36	39	16.29	16.11	16.02	17.50
		75	0	16.24	16.21	15.99	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.62	16.70	16.61	18.00
		1	50	16.83	16.69	16.59	18.00
		1	99	16.65	16.73	16.64	18.00
		50	0	16.53	16.70	16.60	18.00
		50	25	16.66	16.72	16.65	18.00
		50	50	16.82	16.65	16.64	18.00
		100	0	16.63	16.69	16.60	18.00
	16QAM	1	0	16.57	16.96	16.60	18.00
		1	50	16.65	16.76	16.56	18.00
		1	99	16.75	16.61	16.58	18.00
		50	0	16.57	16.73	16.64	18.00
		50	25	16.65	16.71	16.61	18.00
		50	50	16.68	16.61	16.60	18.00
		100	0	16.57	16.68	16.61	18.00
	64QAM	1	0	16.58	16.90	16.55	18.00
		1	50	16.63	16.61	16.67	18.00
		1	99	16.72	16.57	16.66	18.00
		50	0	16.55	16.76	16.60	18.00
		50	25	16.61	16.73	16.62	18.00
		50	50	16.71	16.61	16.58	18.00
		100	0	16.62	16.66	16.61	18.00
	256QAM	1	0	16.08	16.45	16.10	17.50
		1	50	16.18	16.29	16.00	17.50
		1	99	16.22	16.12	15.97	17.50
		50	0	15.96	16.17	15.97	17.50
		50	25	16.12	16.14	15.95	17.50
		50	50	16.20	16.12	15.93	17.50
		100	0	16.12	16.14	15.93	17.50

LTE Band 7 Eci6	Conducted Power(dBm)
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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.34	19.48	19.16	21.00
		1	13	19.23	19.18	19.14	21.00
		1	24	19.14	19.16	19.07	21.00
		12	0	19.09	19.18	19.15	21.00
		12	6	19.16	19.16	19.20	21.00
		12	13	19.22	19.22	19.10	21.00
		25	0	19.14	19.26	19.17	21.00
	16QAM	1	0	19.27	19.56	19.20	21.00
		1	13	19.09	19.22	19.03	21.00
		1	24	19.24	19.14	19.09	21.00
		12	0	18.53	18.81	18.62	20.50
		12	6	18.70	18.72	18.69	20.50
		12	13	18.66	18.71	18.51	20.50
		25	0	18.59	18.74	18.66	20.50
	64QAM	1	0	18.55	19.00	18.62	20.50
		1	13	18.67	18.57	18.76	20.50
		1	24	18.68	18.55	18.61	20.50
		12	0	17.79	17.78	17.70	19.50
		12	6	17.70	17.72	17.54	19.50
		12	13	17.62	17.61	17.61	19.50
		25	0	17.67	17.68	17.52	19.50
	256QAM	1	0	16.12	16.52	16.02	17.50
		1	13	16.19	16.37	16.07	17.50
		1	24	16.13	16.17	15.89	17.50
		12	0	15.87	16.08	15.94	17.50
		12	6	16.02	16.04	15.93	17.50
		12	13	16.27	16.20	15.83	17.50
		25	0	16.12	16.10	16.01	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	19.51	19.43	19.22	21.00
		1	25	19.20	19.24	19.29	21.00
		1	49	19.06	19.25	19.18	21.00
		25	0	19.12	19.23	19.05	21.00
		25	13	19.15	19.27	19.22	21.00
		25	25	19.25	19.08	19.04	21.00
		50	0	19.13	19.17	19.01	21.00



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	16QAM	1	0	19.09	19.52	19.10	21.00
		1	25	19.22	19.18	19.15	21.00
		1	49	19.21	19.14	19.09	21.00
		25	0	18.58	18.72	18.66	20.50
		25	13	18.69	18.76	18.63	20.50
		25	25	18.66	18.55	18.68	20.50
		50	0	18.53	18.63	18.52	20.50
	64QAM	1	0	18.59	18.97	18.60	20.50
		1	25	18.54	18.65	18.67	20.50
		1	49	18.71	18.50	18.68	20.50
		25	0	17.52	17.74	17.69	19.50
		25	13	17.55	17.80	17.69	19.50
		25	25	17.66	17.68	17.63	19.50
		50	0	17.67	17.66	17.68	19.50
	256QAM	1	0	15.98	16.37	16.10	17.50
		1	25	16.20	16.24	16.08	17.50
		1	49	16.17	16.20	15.93	17.50
		25	0	15.96	16.23	15.99	17.50
		25	13	16.03	16.15	16.02	17.50
		25	25	16.13	16.07	16.01	17.50
		50	0	16.21	16.17	16.00	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.48	19.47	19.16	21.00
		1	38	19.23	19.17	19.02	21.00
		1	74	19.11	19.15	19.06	21.00
		36	0	19.04	19.22	19.01	21.00
		36	18	19.22	19.25	19.06	21.00
		36	39	19.27	19.25	19.10	21.00
		75	0	19.12	19.27	19.01	21.00
	16QAM	1	0	19.09	19.46	19.00	21.00
		1	38	19.18	19.24	19.06	21.00
		1	74	19.15	19.13	19.08	21.00
		36	0	18.64	18.76	18.74	20.50
		36	18	18.57	18.62	18.53	20.50
		36	39	18.69	18.63	18.51	20.50
		75	0	18.54	18.63	18.68	20.50
	64QAM	1	0	18.64	18.91	18.58	20.50
		1	38	18.72	18.59	18.75	20.50



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		1	74	18.73	18.78	18.62	20.50
		36	0	17.52	17.73	17.70	19.50
		36	18	17.70	17.74	17.68	19.50
		36	39	17.80	17.54	17.65	19.50
		75	0	17.56	17.73	17.62	19.50
	256QAM	1	0	16.14	16.37	16.02	17.50
		1	38	16.25	16.34	16.04	17.50
		1	74	16.21	16.10	15.89	17.50
		36	0	15.98	16.10	16.04	17.50
		36	18	16.17	16.21	15.98	17.50
		36	39	16.15	16.07	16.03	17.50
		75	0	16.10	16.07	15.85	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					20850	21100	21350
20MHz	QPSK	1	0	19.41	19.46	19.26	21.00
		1	50	19.55	19.19	19.09	21.00
		1	99	19.15	19.23	19.14	21.00
		50	0	19.03	19.20	19.10	21.00
		50	25	19.16	19.22	19.15	21.00
		50	50	19.32	19.15	19.14	21.00
		100	0	19.13	19.19	19.10	21.00
	16QAM	1	0	19.07	19.46	19.10	21.00
		1	50	19.15	19.26	19.06	21.00
		1	99	19.25	19.11	19.08	21.00
		50	0	18.57	18.73	18.64	20.50
		50	25	18.65	18.71	18.61	20.50
		50	50	18.68	18.61	18.60	20.50
		100	0	18.57	18.68	18.61	20.50
	64QAM	1	0	18.58	18.90	18.55	20.50
		1	50	18.63	18.61	18.67	20.50
		1	99	18.72	18.57	18.66	20.50
		50	0	17.55	17.76	17.60	19.50
		50	25	17.61	17.73	17.62	19.50
		50	50	17.71	17.61	17.58	19.50
		100	0	17.62	17.66	17.61	19.50
	256QAM	1	0	16.08	16.45	16.10	17.50
		1	50	16.18	16.29	16.00	17.50
		1	99	16.22	16.12	15.97	17.50
		50	0	15.96	16.17	15.97	17.50



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		50	25	16.12	16.14	15.95	17.50
		50	50	16.20	16.12	15.93	17.50
		100	0	16.12	16.14	15.93	17.50

LTE FDD Band 12 Eci2/3/4/7/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	22.58	22.62	22.45	23.50
		1	2	22.64	22.48	22.40	23.50
		1	5	22.47	22.39	22.41	23.50
		3	0	22.64	22.53	22.42	23.50
		3	2	22.56	22.41	22.41	23.50
		3	3	22.49	22.52	22.40	23.50
		6	0	21.60	21.51	21.58	22.50
	16QAM	1	0	21.75	21.65	21.70	22.50
		1	2	21.68	21.62	21.62	22.50
		1	5	21.55	21.57	21.49	22.50
		3	0	21.66	21.47	21.49	22.50
		3	2	21.56	21.40	21.31	22.50
		3	3	21.46	21.46	21.36	22.50
		6	0	20.61	20.56	20.42	21.50
	64QAM	1	0	20.59	20.69	20.67	21.50
		1	2	20.52	20.63	20.61	21.50
		1	5	20.62	20.31	20.52	21.50
		3	0	20.52	20.50	20.54	21.50
		3	2	20.46	20.56	20.35	21.50
		3	3	20.52	20.33	20.31	21.50
		6	0	19.40	19.48	19.40	20.50
	256QAM	1	0	17.67	17.64	17.67	18.50
		1	2	17.60	17.51	17.64	18.50
		1	5	17.53	17.46	17.46	18.50
		3	0	17.65	17.54	17.41	18.50
		3	2	17.46	17.49	17.37	18.50
		3	3	17.56	17.39	17.35	18.50
		6	0	17.45	17.49	17.35	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23025	23095	23165	23.50
				22.46	22.67	22.45	



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		1	7	22.56	22.61	22.28	23.50
		1	14	22.49	22.36	22.34	23.50
		8	0	21.53	21.41	21.44	22.50
		8	4	21.58	21.41	21.33	22.50
		8	7	21.55	21.45	21.34	22.50
		15	0	21.52	21.43	21.52	22.50
	16QAM	1	0	21.71	21.77	21.72	22.50
		1	7	21.77	21.60	21.57	22.50
		1	14	21.56	21.39	21.49	22.50
		8	0	20.52	20.51	20.42	21.50
		8	4	20.62	20.48	20.34	21.50
		8	7	20.57	20.39	20.37	21.50
		15	0	20.64	20.40	20.45	21.50
	64QAM	1	0	20.56	20.63	20.61	21.50
		1	7	20.60	20.61	20.52	21.50
		1	14	20.53	20.39	20.49	21.50
		8	0	19.48	19.52	19.41	20.50
		8	4	19.55	19.57	19.37	20.50
		8	7	19.53	19.41	19.45	20.50
		15	0	19.57	19.49	19.41	20.50
	256QAM	1	0	17.61	17.65	17.62	18.50
		1	7	17.60	17.60	17.58	18.50
		1	14	17.46	17.35	17.58	18.50
		8	0	17.51	17.54	17.50	18.50
		8	4	17.48	17.39	17.37	18.50
		8	7	17.58	17.44	17.36	18.50
		15	0	17.56	17.51	17.47	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	22.61	22.49	22.48	23.50
		1	13	22.52	22.52	22.26	23.50
		1	24	22.65	22.36	22.45	23.50
		12	0	21.51	21.44	21.57	22.50
		12	6	21.61	21.50	21.40	22.50
		12	13	21.66	21.45	21.42	22.50
		25	0	21.59	21.38	21.57	22.50
	16QAM	1	0	21.82	21.83	21.80	22.50
		1	13	21.68	21.65	21.59	22.50
		1	24	21.65	21.56	21.48	22.50



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		12	0	20.59	20.46	20.39	21.50
		12	6	20.60	20.50	20.36	21.50
		12	13	20.50	20.31	20.41	21.50
		25	0	20.46	20.44	20.43	21.50
	64QAM	1	0	20.59	20.59	20.68	21.50
		1	13	20.66	20.48	20.50	21.50
		1	24	20.56	20.35	20.49	21.50
		12	0	19.64	19.46	19.51	20.50
		12	6	19.60	19.52	19.41	20.50
		12	13	19.52	19.46	19.40	20.50
		25	0	19.52	19.42	19.39	20.50
	256QAM	1	0	17.74	17.49	17.58	18.50
		1	13	17.56	17.50	17.58	18.50
		1	24	17.58	17.47	17.54	18.50
		12	0	17.65	17.53	17.51	18.50
		12	6	17.47	17.51	17.37	18.50
		12	13	17.53	17.45	17.42	18.50
		25	0	17.43	17.43	17.39	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	22.55	22.59	22.54	23.50
		1	25	22.54	22.51	22.34	23.50
		1	49	22.55	22.43	22.39	23.50
		25	0	21.56	21.50	21.49	22.50
		25	13	21.55	21.47	21.41	22.50
		25	25	21.56	21.43	21.44	22.50
		50	0	21.60	21.45	21.48	22.50
	16QAM	1	0	21.72	21.73	21.70	22.50
		1	25	21.68	21.64	21.61	22.50
		1	49	21.55	21.49	21.56	22.50
		25	0	20.56	20.46	20.46	21.50
		25	13	20.53	20.46	20.40	21.50
		25	25	20.54	20.41	20.40	21.50
		50	0	20.55	20.47	20.44	21.50
	64QAM	1	0	20.62	20.60	20.66	21.50
		1	25	20.61	20.53	20.56	21.50
		1	49	20.53	20.38	20.47	21.50
		25	0	19.54	19.50	19.44	20.50
		25	13	19.54	19.49	19.45	20.50



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	256QAM	25	25	19.52	19.42	19.41	20.50
		50	0	19.50	19.50	19.46	20.50
		1	0	17.65	17.58	17.65	18.50
		1	25	17.56	17.56	17.57	18.50
		1	49	17.53	17.45	17.54	18.50
		25	0	17.56	17.45	17.46	18.50
		25	13	17.52	17.46	17.40	18.50
		25	25	17.49	17.39	17.40	18.50
		50	0	17.52	17.45	17.44	18.50

LTE FDD Band 13 Eci2/3/4/7/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	22.45	22.53	22.61	23.50
		1	13	22.56	22.43	22.56	23.50
		1	24	22.31	22.39	22.46	23.50
		12	0	21.47	21.52	21.42	22.50
		12	6	21.48	21.55	21.49	22.50
		12	13	21.41	21.39	21.46	22.50
		25	0	21.42	21.50	21.55	22.50
	16QAM	1	0	21.60	21.69	21.68	22.50
		1	13	21.54	21.54	21.53	22.50
		1	24	21.42	21.48	21.46	22.50
		12	0	20.48	20.58	20.55	21.50
		12	6	20.57	20.55	20.51	21.50
		12	13	20.32	20.35	20.36	21.50
		25	0	20.36	20.46	20.35	21.50
	64QAM	1	0	20.65	20.65	20.68	21.50
		1	13	20.47	20.61	20.66	21.50
		1	24	20.48	20.61	20.55	21.50
		12	0	19.64	19.63	19.48	20.50
		12	6	19.66	19.56	19.55	20.50
		12	13	19.46	19.57	19.51	20.50
		25	0	19.47	19.53	19.48	20.50
	256QAM	1	0	17.68	17.70	17.86	18.50
		1	13	17.63	17.73	17.73	18.50
		1	24	17.64	17.55	17.62	18.50
		12	0	17.44	17.53	17.44	18.50



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		12	6	17.67	17.51	17.51	18.50
		12	13	17.42	17.54	17.48	18.50
		25	0	17.56	17.53	17.44	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
10MHz	QPSK	1	0	/	22.53	/	23.50
		1	25	/	22.52	/	23.50
		1	49	/	22.36	/	23.50
		25	0	/	21.49	/	22.50
		25	13	/	21.48	/	22.50
		25	25	/	21.42	/	22.50
		50	0	/	21.47	/	22.50
		50	0	/	21.47	/	22.50
	16QAM	1	0	/	21.69	/	22.50
		1	25	/	21.61	/	22.50
		1	49	/	21.52	/	22.50
		25	0	/	20.49	/	21.50
		25	13	/	20.47	/	21.50
		25	25	/	20.41	/	21.50
		50	0	/	20.45	/	21.50
		50	0	/	20.45	/	21.50
	64QAM	1	0	/	20.70	/	21.50
		1	25	/	20.57	/	21.50
		1	49	/	20.54	/	21.50
		25	0	/	19.58	/	20.50
		25	13	/	19.59	/	20.50
		25	25	/	19.53	/	20.50
		50	0	/	19.54	/	20.50
		50	0	/	19.54	/	20.50
	256QAM	1	0	/	17.78	/	18.50
		1	25	/	17.65	/	18.50
		1	49	/	17.65	/	18.50
		25	0	/	17.53	/	18.50
		25	13	/	17.57	/	18.50
		25	25	/	17.48	/	18.50
		50	0	/	17.51	/	18.50
		50	0	/	17.51	/	18.50



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LTE FDD Band 17 Eci2/3/4/7/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	22.59	22.42	22.53	23.50
		1	13	22.39	22.35	22.37	23.50
		1	24	22.38	22.43	22.28	23.50
		12	0	21.36	21.33	21.35	22.50
		12	6	21.41	21.30	21.28	22.50
		12	13	21.40	21.46	21.36	22.50
		25	0	21.40	21.51	21.34	22.50
	16QAM	1	0	21.70	21.62	21.48	22.50
		1	13	21.71	21.54	21.58	22.50
		1	24	21.38	21.42	21.29	22.50
		12	0	20.59	20.44	20.58	21.50
		12	6	20.43	20.55	20.53	21.50
		12	13	20.53	20.51	20.43	21.50
		25	0	20.42	20.49	20.48	21.50
	64QAM	1	0	20.61	20.65	20.67	21.50
		1	13	20.58	20.60	20.56	21.50
		1	24	20.55	20.30	20.52	21.50
		12	0	19.58	19.44	19.44	20.50
		12	6	19.55	19.41	19.46	20.50
		12	13	19.56	19.53	19.50	20.50
		25	0	19.49	19.51	19.51	20.50
	256QAM	1	0	17.73	17.58	17.68	18.50
		1	13	17.49	17.65	17.48	18.50
		1	24	17.62	17.53	17.51	18.50
		12	0	17.51	17.58	17.58	18.50
		12	6	17.43	17.53	17.41	18.50
		12	13	17.44	17.45	17.39	18.50
		25	0	17.44	17.57	17.53	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	22.53	22.50	22.52	23.50
		1	25	22.39	22.38	22.37	23.50
		1	49	22.33	22.33	22.31	23.50
		25	0	21.43	21.39	21.38	22.50
		25	13	21.34	21.35	21.32	22.50



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		25	25	21.34	21.39	21.37	22.50
		50	0	21.37	21.43	21.39	22.50
	16QAM	1	0	21.61	21.66	21.58	22.50
		1	25	21.64	21.52	21.52	22.50
		1	49	21.47	21.46	21.39	22.50
		25	0	20.50	20.54	20.54	21.50
		25	13	20.51	20.51	20.46	21.50
		25	25	20.46	20.45	20.45	21.50
		50	0	20.51	20.50	20.49	21.50
	64QAM	1	0	20.60	20.61	20.61	21.50
		1	25	20.53	20.54	20.61	21.50
		1	49	20.51	20.40	20.51	21.50
		25	0	19.52	19.51	19.49	20.50
		25	13	19.51	19.51	19.49	20.50
		25	25	19.47	19.46	19.46	20.50
		50	0	19.47	19.49	19.51	20.50
	256QAM	1	0	17.65	17.64	17.65	18.50
		1	25	17.55	17.58	17.43	18.50
		1	49	17.57	17.43	17.57	18.50
		25	0	17.47	17.48	17.48	18.50
		25	13	17.46	17.46	17.44	18.50
		25	25	17.43	17.44	17.39	18.50
		50	0	17.49	17.48	17.54	18.50

LTE Band 26 Eci2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	22.39	22.38	22.23	23.50
		1	2	22.25	22.40	22.25	23.50
		1	5	22.36	22.30	22.27	23.50
		3	0	22.20	22.43	22.21	23.50
		3	2	22.29	22.29	22.29	23.50
		3	3	22.27	22.33	22.38	23.50
		6	0	21.42	21.44	21.24	22.50
	16QAM	1	0	21.53	21.50	21.41	22.50
		1	2	21.54	21.57	21.49	22.50
		1	5	21.46	21.53	21.37	22.50
		3	0	21.17	21.45	21.26	22.50



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		3	2	21.39	21.31	21.39	22.50
		3	3	21.22	21.31	21.33	22.50
		6	0	20.25	20.48	20.23	21.50
	64QAM	1	0	20.49	20.49	20.48	21.50
		1	2	20.29	20.48	20.34	21.50
		1	5	20.52	20.35	20.45	21.50
		3	0	20.30	20.31	20.39	21.50
		3	2	20.32	20.38	20.24	21.50
		3	3	20.34	20.37	20.31	21.50
		6	0	19.36	19.44	19.26	20.50
	256QAM	1	0	17.60	17.65	17.37	18.50
		1	2	17.56	17.46	17.52	18.50
		1	5	17.53	17.40	17.44	18.50
		3	0	17.52	17.57	17.40	18.50
		3	2	17.52	17.50	17.36	18.50
		3	3	17.38	17.45	17.38	18.50
		6	0	17.48	17.43	17.33	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	22.47	22.28	22.29	23.50
		1	7	22.25	22.42	22.27	23.50
		1	14	22.33	22.26	22.28	23.50
		8	0	21.34	21.42	21.38	22.50
		8	4	21.35	21.29	21.24	22.50
		8	7	21.37	21.29	21.39	22.50
		15	0	21.43	21.30	21.32	22.50
	16QAM	1	0	21.45	21.51	21.55	22.50
		1	7	21.51	21.62	21.44	22.50
		1	14	21.49	21.59	21.25	22.50
		8	0	20.28	20.44	20.35	21.50
		8	4	20.38	20.39	20.34	21.50
		8	7	20.29	20.35	20.27	21.50
		15	0	20.35	20.37	20.29	21.50
	64QAM	1	0	20.47	20.37	20.33	21.50
		1	7	20.33	20.50	20.35	21.50
		1	14	20.50	20.45	20.50	21.50
		8	0	19.27	19.42	19.35	20.50
		8	4	19.35	19.24	19.22	20.50
		8	7	19.35	19.41	19.28	20.50



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		15	0	19.39	19.31	19.46	20.50
	256QAM	1	0	17.53	17.62	17.46	18.50
		1	7	17.56	17.52	17.41	18.50
		1	14	17.55	17.41	17.44	18.50
		8	0	17.35	17.48	17.49	18.50
		8	4	17.35	17.33	17.46	18.50
		8	7	17.42	17.45	17.39	18.50
		15	0	17.45	17.55	17.46	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	22.27	22.33	22.24	23.50
		1	13	22.32	22.29	22.16	23.50
		1	24	22.33	22.33	22.29	23.50
		12	0	21.25	21.35	21.33	22.50
		12	6	21.25	21.31	21.28	22.50
		12	13	21.24	21.41	21.39	22.50
		25	0	21.35	21.43	21.37	22.50
	16QAM	1	0	21.45	21.69	21.61	22.50
		1	13	21.39	21.61	21.43	22.50
		1	24	21.41	21.51	21.39	22.50
		12	0	20.31	20.29	20.40	21.50
		12	6	20.26	20.26	20.20	21.50
		12	13	20.36	20.34	20.35	21.50
		25	0	20.34	20.44	20.40	21.50
	64QAM	1	0	20.34	20.46	20.49	21.50
		1	13	20.46	20.45	20.39	21.50
		1	24	20.33	20.35	20.31	21.50
		12	0	19.28	19.24	19.44	20.50
		12	6	19.26	19.18	19.34	20.50
		12	13	19.46	19.27	19.35	20.50
		25	0	19.32	19.41	19.45	20.50
	256QAM	1	0	17.68	17.46	17.44	18.50
		1	13	17.55	17.49	17.53	18.50
		1	24	17.60	17.46	17.46	18.50
		12	0	17.36	17.39	17.45	18.50
		12	6	17.37	17.48	17.37	18.50
		12	13	17.39	17.49	17.43	18.50
		25	0	17.53	17.53	17.45	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				26740	26865	26990	
10MHz	QPSK	1	0	22.39	22.39	22.39	23.50
		1	25	22.32	22.42	22.19	23.50
		1	49	22.26	22.22	22.25	23.50
		25	0	21.39	21.31	21.36	22.50
		25	13	21.31	21.24	21.37	22.50
		25	25	21.36	21.25	21.40	22.50
		50	0	21.24	21.48	21.32	22.50
	16QAM	1	0	21.59	21.69	21.47	22.50
		1	25	21.39	21.51	21.51	22.50
		1	49	21.47	21.44	21.35	22.50
		25	0	20.37	20.37	20.39	21.50
		25	13	20.33	20.19	20.20	21.50
		25	25	20.30	20.29	20.37	21.50
		50	0	20.38	20.37	20.26	21.50
	64QAM	1	0	20.40	20.44	20.43	21.50
		1	25	20.49	20.51	20.22	21.50
		1	49	20.38	20.41	20.38	21.50
		25	0	19.26	19.34	19.27	20.50
		25	13	19.26	19.34	19.21	20.50
		25	25	19.30	19.35	19.26	20.50
		50	0	19.41	19.32	19.34	20.50
	256QAM	1	0	17.66	17.65	17.42	18.50
		1	25	17.61	17.46	17.40	18.50
		1	49	17.47	17.36	17.39	18.50
		25	0	17.45	17.43	17.50	18.50
		25	13	17.47	17.38	17.47	18.50
		25	25	17.32	17.38	17.31	18.50
		50	0	17.39	17.48	17.36	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	22.37	22.31	22.33	23.50
		1	38	22.28	22.35	22.23	23.50
		1	74	22.33	22.32	22.27	23.50
		36	0	21.30	21.35	21.30	22.50
		36	18	21.29	21.29	21.30	22.50
		36	39	21.32	21.33	21.33	22.50
		75	0	21.34	21.39	21.34	22.50
	16QAM	1	0	21.50	21.59	21.51	22.50



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		1	38	21.45	21.54	21.41	22.50
		1	74	21.49	21.50	21.35	22.50
		36	0	20.27	20.35	20.33	21.50
		36	18	20.30	20.29	20.29	21.50
		36	39	20.32	20.35	20.36	21.50
		75	0	20.33	20.39	20.33	21.50
		1	0	20.43	20.43	20.41	21.50
	64QAM	1	38	20.39	20.45	20.31	21.50
		1	74	20.42	20.39	20.40	21.50
		36	0	19.27	19.33	19.37	20.50
		36	18	19.29	19.28	19.28	20.50
		36	39	19.37	19.36	19.30	20.50
		75	0	19.33	19.39	19.36	20.50
		1	0	17.58	17.55	17.47	18.50
	256QAM	1	38	17.57	17.56	17.48	18.50
		1	74	17.57	17.46	17.45	18.50
		36	0	17.43	17.47	17.43	18.50
		36	18	17.43	17.40	17.39	18.50
		36	39	17.39	17.44	17.41	18.50
		75	0	17.46	17.50	17.42	18.50

LTE Band 26 Eci3/7/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	20.93	20.82	20.67	22.00
		1	2	20.70	20.77	20.61	22.00
		1	5	20.78	20.50	20.56	22.00
		3	0	20.96	20.79	20.66	22.00
		3	2	20.90	20.58	20.62	22.00
		3	3	20.98	20.57	20.53	22.00
		6	0	20.98	20.67	20.76	22.00
	16QAM	1	0	20.69	20.71	20.57	22.00
		1	2	21.08	20.88	20.63	22.00
		1	5	20.94	20.58	20.79	22.00
		3	0	21.11	20.74	20.61	22.00
		3	2	21.12	20.62	20.75	22.00
		3	3	20.95	20.75	20.66	22.00
		6	0	20.52	20.08	20.00	21.50



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	64QAM	1	0	20.35	20.22	20.20	21.50
		1	2	20.64	20.21	20.13	21.50
		1	5	20.61	20.13	20.06	21.50
		3	0	20.52	20.16	19.99	21.50
		3	2	20.53	20.19	20.16	21.50
		3	3	20.52	20.19	19.93	21.50
		6	0	19.64	19.33	19.13	20.50
	256QAM	1	0	17.47	17.52	17.32	18.50
		1	2	17.73	17.49	17.22	18.50
		1	5	17.77	17.43	17.24	18.50
		3	0	17.65	17.43	17.14	18.50
		3	2	17.73	17.46	17.26	18.50
		3	3	17.71	17.47	17.23	18.50
		6	0	17.59	17.34	17.13	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	20.75	20.57	20.87	22.00
		1	7	20.89	20.74	20.51	22.00
		1	14	20.63	20.69	20.69	22.00
		8	0	20.95	20.92	20.76	22.00
		8	4	20.98	20.72	20.70	22.00
		8	7	20.83	20.84	20.65	22.00
		15	0	21.01	20.83	20.67	22.00
	16QAM	1	0	21.09	20.72	20.76	22.00
		1	7	20.91	20.61	20.84	22.00
		1	14	20.91	20.76	20.62	22.00
		8	0	20.58	20.47	20.22	21.50
		8	4	20.46	20.31	20.12	21.50
		8	7	20.42	20.19	20.16	21.50
		15	0	20.55	20.39	20.24	21.50
	64QAM	1	0	20.42	20.45	20.46	21.50
		1	7	20.48	20.30	20.38	21.50
		1	14	20.32	20.34	20.19	21.50
		8	0	19.70	19.59	19.41	20.50
		8	4	19.71	19.54	19.28	20.50
		8	7	19.60	19.50	19.26	20.50
		15	0	19.81	19.47	19.32	20.50
	256QAM	1	0	17.56	17.51	17.60	18.50
		1	7	17.82	17.53	17.50	18.50



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		1	14	17.57	17.52	17.30	18.50
		8	0	17.72	17.50	17.36	18.50
		8	4	17.58	17.50	17.43	18.50
		8	7	17.61	17.39	17.33	18.50
		15	0	17.65	17.47	17.32	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	20.88	20.56	20.86	22.00
		1	13	20.78	20.74	20.62	22.00
		1	24	20.69	20.69	20.55	22.00
		12	0	21.00	20.91	20.69	22.00
		12	6	20.91	20.76	20.71	22.00
		12	13	20.87	20.74	20.70	22.00
		25	0	20.99	20.89	20.67	22.00
	16QAM	1	0	21.14	20.86	20.90	22.00
		1	13	20.99	20.72	20.95	22.00
		1	24	20.80	20.72	20.74	22.00
		12	0	20.63	20.48	20.26	21.50
		12	6	20.40	20.18	20.13	21.50
		12	13	20.42	20.29	20.24	21.50
		25	0	20.48	20.25	20.25	21.50
	64QAM	1	0	20.47	20.37	20.44	21.50
		1	13	20.56	20.40	20.30	21.50
		1	24	20.45	20.35	20.15	21.50
		12	0	19.69	19.62	19.42	20.50
		12	6	19.67	19.51	19.35	20.50
		12	13	19.58	19.39	19.33	20.50
		25	0	19.80	19.58	19.46	20.50
	256QAM	1	0	17.58	17.53	17.52	18.50
		1	13	17.77	17.57	17.43	18.50
		1	24	17.52	17.55	17.27	18.50
		12	0	17.72	17.50	17.45	18.50
		12	6	17.72	17.44	17.30	18.50
		12	13	17.48	17.36	17.24	18.50
		25	0	17.73	17.47	17.31	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	20.79	20.57	20.76	22.00
		1	25	20.83	20.81	20.51	22.00



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		1	49	20.66	20.60	20.60	22.00
		25	0	21.04	20.94	20.72	22.00
		25	13	20.94	20.74	20.71	22.00
		25	25	20.82	20.75	20.58	22.00
		50	0	20.95	20.79	20.71	22.00
	16QAM	1	0	21.21	20.84	20.78	22.00
		1	25	21.00	20.64	20.92	22.00
		1	49	20.86	20.82	20.72	22.00
		25	0	20.62	20.35	20.21	21.50
		25	13	20.44	20.28	20.16	21.50
		25	25	20.46	20.27	20.22	21.50
		50	0	20.55	20.25	20.25	21.50
	64QAM	1	0	20.42	20.44	20.46	21.50
		1	25	20.60	20.31	20.25	21.50
		1	49	20.31	20.40	20.19	21.50
		25	0	19.65	19.67	19.31	20.50
		25	13	19.58	19.58	19.26	20.50
		25	25	19.52	19.51	19.39	20.50
		50	0	19.75	19.46	19.40	20.50
	256QAM	1	0	17.60	17.50	17.53	18.50
		1	25	17.72	17.64	17.44	18.50
		1	49	17.56	17.48	17.31	18.50
		25	0	17.65	17.58	17.34	18.50
		25	13	17.68	17.54	17.30	18.50
		25	25	17.51	17.46	17.22	18.50
		50	0	17.63	17.48	17.37	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	20.77	20.50	20.74	22.00
		1	38	20.74	20.67	20.50	22.00
		1	74	20.56	20.58	20.55	22.00
		36	0	20.90	20.93	20.63	22.00
		36	18	20.89	20.72	20.58	22.00
		36	39	20.82	20.70	20.57	22.00
		75	0	20.93	20.77	20.66	22.00
	16QAM	1	0	21.07	20.72	20.76	22.00
		1	38	20.87	20.58	20.84	22.00
		1	74	20.80	20.67	20.62	22.00
		36	0	20.48	20.33	20.16	21.50



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		36	18	20.37	20.18	20.07	21.50
		36	39	20.35	20.18	20.13	21.50
		75	0	20.42	20.24	20.17	21.50
	64QAM	1	0	20.34	20.34	20.33	21.50
		1	38	20.45	20.30	20.24	21.50
		1	74	20.31	20.27	20.08	21.50
		36	0	19.63	19.58	19.27	20.50
		36	18	19.58	19.44	19.25	20.50
		36	39	19.48	19.39	19.26	20.50
		75	0	19.67	19.45	19.32	20.50
	256QAM	1	0	17.47	17.39	17.48	18.50
		1	38	17.67	17.53	17.37	18.50
		1	74	17.46	17.42	17.24	18.50
		36	0	17.61	17.47	17.34	18.50
		36	18	17.58	17.40	17.28	18.50
		36	39	17.46	17.35	17.22	18.50
		75	0	17.59	17.45	17.29	18.50

LTE Band 66 Eci2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.97	20.99	20.93	22.00
		1	2	20.95	21.05	21.08	22.00
		1	5	21.01	21.03	21.17	22.00
		3	0	20.86	20.92	21.03	22.00
		3	1	20.91	20.88	21.07	22.00
		3	3	21.00	21.07	21.02	22.00
		6	0	19.89	19.89	20.17	21.00
	16QAM	1	0	20.27	19.99	20.08	21.00
		1	2	20.06	19.96	20.07	21.00
		1	5	20.08	20.10	20.26	21.00
		3	0	19.80	19.99	19.99	21.00
		3	1	19.92	19.95	20.09	21.00
		3	3	19.95	20.06	20.00	21.00
		6	0	18.89	19.06	19.07	20.00
	64QAM	1	0	18.99	18.79	18.93	20.00
		1	2	19.04	19.00	19.13	20.00
		1	5	19.27	19.12	19.11	20.00



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		3	0	18.79	18.93	18.95	20.00
		3	1	18.95	19.03	19.14	20.00
		3	3	19.00	19.05	19.13	20.00
		6	0	17.82	17.92	18.01	19.00
	256QAM	1	0	16.13	16.08	16.11	17.00
		1	2	16.16	16.09	16.16	17.00
		1	5	16.17	16.21	16.30	17.00
		3	0	15.94	15.82	16.02	17.00
		3	1	16.12	15.93	15.99	17.00
		3	3	15.95	16.00	16.11	17.00
		6	0	16.01	15.95	15.92	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	20.85	20.90	21.05	22.00
		1	7	20.91	20.91	20.93	22.00
		1	14	21.06	21.00	21.17	22.00
		8	0	19.89	19.84	19.97	21.00
		8	4	20.04	19.97	19.99	21.00
		8	7	19.88	20.11	20.05	21.00
		15	0	19.86	20.08	20.01	21.00
	16QAM	1	0	20.24	20.11	20.19	21.00
		1	7	20.09	20.06	20.17	21.00
		1	14	20.14	20.03	20.24	21.00
		8	0	18.88	18.98	19.03	20.00
		8	4	18.87	18.91	19.08	20.00
		8	7	18.95	18.95	18.98	20.00
		15	0	18.81	18.93	19.03	20.00
	64QAM	1	0	19.09	18.93	18.95	20.00
		1	7	19.18	19.01	19.13	20.00
		1	14	19.27	19.07	19.24	20.00
		8	0	17.90	17.85	17.95	19.00
		8	4	18.01	17.88	18.09	19.00
		8	7	17.95	18.01	18.04	19.00
		15	0	17.95	17.88	18.05	19.00
	256QAM	1	0	16.15	16.10	16.16	17.00
		1	7	16.02	16.07	16.11	17.00
		1	14	16.15	16.18	16.12	17.00
		8	0	15.91	15.78	16.01	17.00
		8	4	16.08	15.96	16.08	17.00



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		8	7	16.01	15.97	16.12	17.00
		15	0	15.93	15.88	15.99	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.87	20.97	21.05	22.00
		1	13	20.82	20.97	21.04	22.00
		1	24	20.95	21.07	21.16	22.00
		12	0	19.95	19.96	20.13	21.00
		12	6	19.96	20.06	20.01	21.00
		12	13	19.95	20.10	20.00	21.00
		25	0	19.91	19.99	19.98	21.00
	16QAM	1	0	20.22	19.96	20.14	21.00
		1	13	20.11	20.03	20.19	21.00
		1	24	20.18	20.09	20.21	21.00
		12	0	18.88	18.90	19.01	20.00
		12	6	18.94	18.88	19.06	20.00
		12	13	19.06	19.13	19.03	20.00
		25	0	18.89	18.86	18.99	20.00
	64QAM	1	0	18.98	18.82	19.06	20.00
		1	13	18.98	18.98	19.11	20.00
		1	24	19.26	19.08	19.20	20.00
		12	0	17.81	17.85	18.12	19.00
		12	6	18.03	18.01	18.12	19.00
		12	13	17.87	18.07	18.13	19.00
		25	0	17.99	17.90	18.13	19.00
	256QAM	1	0	16.17	16.01	16.06	17.00
		1	13	16.03	15.97	16.02	17.00
		1	24	16.17	16.23	16.22	17.00
		12	0	16.09	15.94	16.03	17.00
		12	6	15.97	15.83	15.99	17.00
		12	13	16.01	15.95	16.13	17.00
		25	0	16.13	15.98	16.08	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.95	20.90	20.93	22.00
		1	25	20.84	21.00	20.97	22.00
		1	49	20.97	21.05	21.16	22.00
		25	0	19.80	19.88	19.95	21.00
		25	13	19.92	19.92	19.99	21.00



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		25	25	19.96	20.05	20.11	21.00
		50	0	19.90	19.96	20.15	21.00
	16QAM	1	0	20.20	19.97	20.19	21.00
		1	25	20.08	19.92	20.19	21.00
		1	49	20.03	20.08	20.34	21.00
		25	0	18.91	18.91	19.04	20.00
		25	13	18.97	18.91	18.99	20.00
		25	25	18.99	18.95	19.01	20.00
		50	0	18.86	19.05	19.06	20.00
	64QAM	1	0	19.06	18.87	18.97	20.00
		1	25	19.03	18.96	19.02	20.00
		1	49	19.13	19.05	19.23	20.00
		25	0	17.83	17.83	18.06	19.00
		25	13	17.91	18.06	18.10	19.00
		25	25	17.93	17.91	18.14	19.00
		50	0	17.90	17.89	18.13	19.00
	256QAM	1	0	16.05	16.05	16.18	17.00
		1	25	16.06	16.06	16.05	17.00
		1	49	16.19	16.27	16.17	17.00
		25	0	15.97	15.90	16.06	17.00
		25	13	16.13	15.92	15.98	17.00
		25	25	16.07	15.95	16.11	17.00
		50	0	16.07	15.99	16.10	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.97	20.94	20.86	22.00
		1	38	20.83	20.90	21.08	22.00
		1	74	20.88	21.00	21.13	22.00
		36	0	19.95	19.94	19.99	21.00
		36	18	19.93	19.87	20.08	21.00
		36	39	20.01	20.08	20.19	21.00
		75	0	19.91	19.99	20.14	21.00
	16QAM	1	0	20.23	19.94	20.14	21.00
		1	38	20.12	20.06	20.23	21.00
		1	74	20.15	20.10	20.25	21.00
		36	0	18.86	18.91	19.07	20.00
		36	18	18.94	18.97	19.09	20.00
		36	39	19.06	18.97	19.06	20.00
		75	0	18.95	18.90	19.01	20.00



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	64QAM	1	0	18.99	18.82	18.95	20.00
		1	38	19.04	18.95	19.12	20.00
		1	74	19.18	19.02	19.23	20.00
		36	0	17.83	17.80	18.13	19.00
		36	18	17.92	17.97	18.06	19.00
		36	39	17.98	18.03	18.19	19.00
		75	0	17.85	18.01	18.10	19.00
	256QAM	1	0	16.06	16.12	16.22	17.00
		1	38	16.09	16.11	16.02	17.00
		1	74	16.23	16.24	16.21	17.00
		36	0	16.05	15.79	16.07	17.00
		36	18	16.04	15.87	15.91	17.00
		36	39	15.93	16.05	16.08	17.00
		75	0	16.09	15.91	16.10	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.91	20.90	20.95	22.00
		1	50	20.91	20.95	21.03	22.00
		1	99	20.96	21.03	21.13	22.00
		50	0	19.90	19.93	20.04	21.00
		50	25	19.95	19.97	20.03	21.00
		50	50	19.97	20.05	20.09	21.00
		100	0	19.93	19.99	20.08	21.00
	16QAM	1	0	20.27	20.04	20.17	21.00
		1	50	20.14	20.01	20.16	21.00
		1	99	20.10	20.11	20.24	21.00
		50	0	18.90	18.92	19.05	20.00
		50	25	18.94	18.96	19.02	20.00
		50	50	18.96	19.05	19.05	20.00
		100	0	18.88	18.96	19.04	20.00
	64QAM	1	0	19.07	18.86	19.00	20.00
		1	50	19.08	19.00	19.11	20.00
		1	99	19.18	19.11	19.17	20.00
		50	0	17.89	17.90	18.05	19.00
		50	25	17.94	17.96	18.05	19.00
		50	50	17.95	18.00	18.09	19.00
		100	0	17.91	17.97	18.04	19.00
	256QAM	1	0	16.13	16.03	16.12	17.00
		1	50	16.09	16.03	16.07	17.00



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		1	99	16.13	16.20	16.21	17.00
		50	0	16.01	15.87	16.00	17.00
		50	25	16.04	15.93	16.01	17.00
		50	50	16.01	16.02	16.03	17.00
		100	0	16.03	15.96	16.01	17.00

LTE Band 66 Eci3/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	14.93	14.78	14.72	16.00
		1	2	14.99	14.92	14.88	16.00
		1	5	14.98	14.85	14.86	16.00
		3	0	14.89	14.77	14.90	16.00
		3	1	15.05	14.90	14.82	16.00
		3	3	14.93	14.88	14.97	16.00
		6	0	14.92	14.88	14.94	16.00
	16QAM	1	0	15.21	14.93	14.95	16.00
		1	2	15.15	14.96	15.00	16.00
		1	5	15.17	15.04	14.95	16.00
		3	0	14.90	14.87	14.82	16.00
		3	1	14.99	14.90	14.95	16.00
		3	3	14.92	14.93	14.94	16.00
		6	0	14.95	14.89	14.79	16.00
	64QAM	1	0	15.00	14.91	14.84	16.00
		1	2	15.04	14.89	14.88	16.00
		1	5	15.00	14.90	14.90	16.00
		3	0	14.92	14.81	14.91	16.00
		3	1	14.95	14.95	14.85	16.00
		3	3	14.98	14.90	14.88	16.00
		6	0	14.95	14.81	14.88	16.00
	256QAM	1	0	15.02	14.95	14.64	16.00
		1	2	15.02	14.80	14.94	16.00
		1	5	15.14	14.83	15.03	16.00
		3	0	14.85	14.79	14.80	16.00
		3	1	14.96	14.88	14.91	16.00
		3	3	14.89	14.90	14.88	16.00
		6	0	15.02	14.89	14.81	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				131987	132322	132657	
3MHz	QPSK	1	0	14.90	14.80	14.77	16.00
		1	7	15.01	14.86	14.85	16.00
		1	14	15.03	14.81	14.82	16.00
		8	0	14.88	14.75	14.84	16.00
		8	4	14.94	14.93	14.83	16.00
		8	7	15.00	14.93	14.90	16.00
		15	0	15.00	14.83	14.93	16.00
	16QAM	1	0	15.19	15.04	14.92	16.00
		1	7	15.18	15.02	15.02	16.00
		1	14	15.14	15.00	14.93	16.00
		8	0	14.92	14.84	14.80	16.00
		8	4	14.99	14.87	14.91	16.00
		8	7	15.01	14.90	14.87	16.00
		15	0	15.01	14.78	14.84	16.00
	64QAM	1	0	14.99	15.00	14.79	16.00
		1	7	15.05	14.84	14.88	16.00
		1	14	15.06	14.89	14.93	16.00
		8	0	14.91	14.80	14.89	16.00
		8	4	14.98	14.97	14.93	16.00
		8	7	14.95	14.81	14.90	16.00
		15	0	14.99	14.91	14.81	16.00
	256QAM	1	0	14.93	14.85	14.75	16.00
		1	7	15.01	14.85	14.97	16.00
		1	14	15.19	14.94	14.98	16.00
		8	0	14.85	14.72	14.89	16.00
		8	4	15.01	14.84	14.85	16.00
		8	7	14.88	14.84	14.84	16.00
		15	0	14.90	14.83	14.88	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	14.94	14.78	14.83	16.00
		1	13	14.92	14.92	14.86	16.00
		1	24	15.04	14.85	14.85	16.00
		12	0	14.89	14.79	14.81	16.00
		12	6	15.01	14.86	14.89	16.00
		12	13	14.95	14.94	14.92	16.00
		25	0	14.99	14.85	14.94	16.00
	16QAM	1	0	15.27	14.99	14.87	16.00



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		1	13	15.09	14.97	14.99	16.00
		1	24	15.18	14.99	15.00	16.00
		12	0	14.90	14.87	14.81	16.00
		12	6	14.93	14.91	14.87	16.00
		12	13	14.94	14.91	14.96	16.00
		25	0	14.97	14.80	14.81	16.00
	64QAM	1	0	14.96	14.88	14.85	16.00
		1	13	15.05	14.92	14.86	16.00
		1	24	15.00	14.91	14.97	16.00
		12	0	14.88	14.85	14.84	16.00
		12	6	14.93	14.87	14.94	16.00
		12	13	14.96	14.81	14.98	16.00
	256QAM	25	0	14.92	14.87	14.91	16.00
		1	0	14.96	14.97	14.66	16.00
		1	13	14.98	14.83	14.91	16.00
		1	24	15.19	14.92	15.01	16.00
		12	0	14.86	14.74	14.84	16.00
		12	6	14.95	14.86	14.93	16.00
		12	13	14.89	14.93	14.91	16.00
		25	0	15.00	14.80	14.83	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	14.98	14.83	14.80	16.00
		1	25	14.95	14.85	14.89	16.00
		1	49	14.97	14.85	14.81	16.00
		25	0	14.95	14.75	14.89	16.00
		25	13	14.97	14.93	14.83	16.00
		25	25	15.01	14.97	14.98	16.00
		50	0	14.91	14.81	14.94	16.00
	16QAM	1	0	15.24	15.01	14.98	16.00
		1	25	15.15	14.99	15.01	16.00
		1	49	15.11	15.03	14.97	16.00
		25	0	14.87	14.80	14.81	16.00
		25	13	14.93	14.94	14.93	16.00
		25	25	15.01	14.95	14.92	16.00
	64QAM	50	0	14.91	14.80	14.80	16.00
		1	0	14.94	14.90	14.77	16.00
		1	25	15.05	14.90	14.94	16.00
		1	49	15.01	14.94	14.93	16.00



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		25	0	14.93	14.82	14.88	16.00
		25	13	14.98	14.95	14.94	16.00
		25	25	14.96	14.91	14.89	16.00
		50	0	14.90	14.85	14.81	16.00
	256QAM	1	0	14.93	14.96	14.70	16.00
		1	25	15.06	14.89	14.92	16.00
		1	49	15.16	14.86	15.07	16.00
		25	0	14.91	14.72	14.83	16.00
		25	13	14.92	14.93	14.88	16.00
		25	25	14.91	14.94	14.84	16.00
		50	0	14.93	14.83	14.87	16.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					132047	132322	132597
					Tune up		
15MHz	QPSK	1	0	14.87	14.86	14.71	16.00
		1	38	14.89	14.88	14.89	16.00
		1	74	15.03	14.80	14.91	16.00
		36	0	14.98	14.82	14.91	16.00
		36	18	15.04	14.90	14.86	16.00
		36	39	15.00	14.97	14.96	16.00
		75	0	14.96	14.80	14.91	16.00
	16QAM	1	0	15.15	14.95	14.91	16.00
		1	38	15.10	15.05	14.93	16.00
		1	74	15.15	15.03	14.94	16.00
		36	0	14.90	14.79	14.80	16.00
		36	18	14.98	14.94	14.92	16.00
		36	39	14.92	14.85	14.97	16.00
		75	0	14.91	14.81	14.87	16.00
	64QAM	1	0	14.94	14.92	14.89	16.00
		1	38	15.00	14.90	14.89	16.00
		1	74	15.08	14.84	14.92	16.00
		36	0	14.95	14.85	14.82	16.00
		36	18	14.96	14.92	14.85	16.00
		36	39	14.94	14.90	14.92	16.00
		75	0	14.94	14.82	14.87	16.00
	256QAM	1	0	14.98	14.86	14.66	16.00
		1	38	15.05	14.82	14.93	16.00
		1	74	15.17	14.83	14.97	16.00
		36	0	14.91	14.73	14.91	16.00
		36	18	14.89	14.90	14.92	16.00



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		36	39	14.89	14.87	14.92	16.00
		75	0	14.95	14.82	14.87	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	15.00	14.88	14.84	16.00
		1	50	15.02	14.95	14.98	16.00
		1	99	15.08	14.96	15.09	16.00
		50	0	15.00	14.86	14.94	16.00
		50	25	15.01	14.97	14.95	16.00
		50	50	15.05	15.00	15.08	16.00
		100	0	15.02	14.90	14.95	16.00
	16QAM	1	0	15.28	15.06	14.99	16.00
		1	50	15.20	15.08	15.06	16.00
		1	99	15.22	15.11	15.02	16.00
		50	0	14.97	14.90	14.91	16.00
		50	25	15.05	14.99	14.96	16.00
		50	50	15.05	14.98	14.98	16.00
		100	0	15.02	14.91	14.92	16.00
	64QAM	1	0	15.06	15.01	14.90	16.00
		1	50	15.12	14.94	14.99	16.00
		1	99	15.13	14.97	15.02	16.00
		50	0	15.00	14.88	14.94	16.00
		50	25	15.05	14.99	14.96	16.00
		50	50	15.02	14.94	15.01	16.00
		100	0	15.02	14.92	14.94	16.00
	256QAM	1	0	15.04	14.98	14.76	16.00
		1	50	15.08	14.93	14.99	16.00
		1	99	15.20	14.95	15.09	16.00
		50	0	14.96	14.85	14.93	16.00
		50	25	15.02	14.97	14.95	16.00
		50	50	15.00	14.97	14.97	16.00
		100	0	15.03	14.92	14.94	16.00

LTE Band 66 Eci6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.62	19.41	19.41	20.50
		1	2	19.47	19.48	19.56	20.50



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		1	5	19.59	19.39	19.58	20.50
		3	0	19.48	19.36	19.46	20.50
		3	1	19.49	19.42	19.37	20.50
		3	3	19.65	19.47	19.58	20.50
		6	0	19.42	19.44	19.38	20.50
	16QAM	1	0	19.86	19.61	19.47	20.50
		1	2	19.66	19.54	19.47	20.50
		1	5	19.64	19.69	19.55	20.50
		3	0	18.96	18.97	18.90	20.50
		3	1	19.14	19.09	19.00	20.50
		3	3	19.08	19.01	19.03	20.50
		6	0	19.01	18.93	18.84	20.00
	64QAM	1	0	19.07	19.02	18.90	20.00
		1	2	19.06	18.84	19.03	20.00
		1	5	19.16	18.87	19.12	20.00
		3	0	18.98	19.05	18.92	20.00
		3	1	19.01	18.88	18.83	20.00
		3	3	19.01	18.93	18.80	20.00
		6	0	18.06	17.91	17.98	19.00
	256QAM	1	0	16.05	15.90	15.66	17.00
		1	2	16.13	15.86	16.04	17.00
		1	5	16.28	15.97	16.12	17.00
		3	0	15.93	15.78	16.01	17.00
		3	1	16.04	15.89	15.94	17.00
		3	3	15.90	16.03	16.07	17.00
		6	0	16.03	15.86	15.99	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	19.64	19.38	19.32	20.50
		1	7	19.51	19.36	19.46	20.50
		1	14	19.65	19.48	19.62	20.50
		8	0	19.46	19.41	19.52	20.50
		8	4	19.43	19.53	19.36	20.50
		8	7	19.50	19.45	19.65	20.50
		15	0	19.48	19.36	19.53	20.50
	16QAM	1	0	19.84	19.50	19.54	20.50
		1	7	19.71	19.49	19.50	20.50
		1	14	19.65	19.65	19.56	20.50
		8	0	19.04	18.85	18.97	20.00



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		8	4	18.96	18.97	18.97	20.00
		8	7	19.11	18.94	18.88	20.00
		15	0	18.99	18.93	18.88	20.00
	64QAM	1	0	19.02	18.98	18.86	20.00
		1	7	19.08	19.03	19.01	20.00
		1	14	19.09	18.88	18.94	20.00
		8	0	17.91	17.81	17.87	19.00
		8	4	18.04	17.92	18.01	19.00
		8	7	18.07	17.86	18.07	19.00
		15	0	18.05	17.95	17.96	19.00
	256QAM	1	0	15.95	16.00	15.71	17.00
		1	7	15.98	15.97	15.98	17.00
		1	14	16.20	15.92	16.00	17.00
		8	0	15.99	15.93	15.88	17.00
		8	4	16.04	16.01	15.99	17.00
		8	7	16.05	15.93	15.90	17.00
		15	0	15.93	15.86	16.03	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.48	19.39	19.33	20.50
		1	13	19.50	19.51	19.42	20.50
		1	24	19.58	19.54	19.58	20.50
		12	0	19.46	19.30	19.37	20.50
		12	6	19.55	19.56	19.42	20.50
		12	13	19.52	19.53	19.55	20.50
		25	0	19.48	19.31	19.49	20.50
	16QAM	1	0	19.72	19.58	19.41	20.50
		1	13	19.64	19.49	19.47	20.50
		1	24	19.64	19.62	19.54	20.50
		12	0	19.02	18.84	18.86	20.00
		12	6	19.06	19.01	18.99	20.00
		12	13	19.14	19.04	18.95	20.00
		25	0	18.94	18.84	18.91	20.00
	64QAM	1	0	19.05	18.94	19.00	20.00
		1	13	19.22	18.97	18.93	20.00
		1	24	19.05	19.05	19.04	20.00
		12	0	17.92	17.80	17.89	19.00
		12	6	17.95	17.92	17.98	19.00
		12	13	18.02	17.88	18.06	19.00



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		25	0	18.06	17.97	18.02	19.00
	256QAM	1	0	16.10	15.94	15.70	17.00
		1	13	16.18	15.84	15.95	17.00
		1	24	16.18	15.96	16.15	17.00
		12	0	15.97	15.77	16.02	17.00
		12	6	16.05	15.96	15.92	17.00
		12	13	15.93	15.91	15.96	17.00
		25	0	16.08	15.87	15.94	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.63	19.37	19.41	20.50
		1	25	19.51	19.44	19.55	20.50
		1	49	19.53	19.56	19.64	20.50
		25	0	19.42	19.40	19.39	20.50
		25	13	19.55	19.44	19.49	20.50
		25	25	19.55	19.59	19.62	20.50
		50	0	19.56	19.50	19.45	20.50
	16QAM	1	0	19.85	19.65	19.47	20.50
		1	25	19.75	19.56	19.46	20.50
		1	49	19.78	19.69	19.43	20.50
		25	0	19.07	18.87	18.99	20.00
		25	13	18.98	18.93	18.87	20.00
		25	25	19.10	19.00	18.90	20.00
		50	0	19.11	18.90	18.92	20.00
	64QAM	1	0	19.02	18.91	18.88	20.00
		1	25	19.06	18.94	19.08	20.00
		1	49	19.13	18.95	18.97	20.00
		25	0	18.03	17.79	17.89	19.00
		25	13	17.96	18.00	17.96	19.00
		25	25	17.96	17.99	18.06	19.00
		50	0	17.92	18.01	17.90	19.00
	256QAM	1	0	15.97	16.01	15.81	17.00
		1	25	16.12	16.01	16.04	17.00
		1	49	16.16	16.05	16.08	17.00
		25	0	16.06	15.89	15.97	17.00
		25	13	16.06	15.91	15.85	17.00
		25	25	15.96	15.87	16.04	17.00
		50	0	16.05	16.00	15.95	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				132047	132322	132597	
15MHz	QPSK	1	0	19.58	19.40	19.30	20.50
		1	38	19.42	19.47	19.44	20.50
		1	74	19.64	19.56	19.68	20.50
		36	0	19.42	19.39	19.44	20.50
		36	18	19.44	19.56	19.50	20.50
		36	39	19.55	19.58	19.54	20.50
		75	0	19.51	19.37	19.39	20.50
	16QAM	1	0	19.80	19.63	19.53	20.50
		1	38	19.65	19.63	19.53	20.50
		1	74	19.81	19.54	19.59	20.50
		36	0	18.88	18.81	18.82	20.00
		36	18	19.07	19.05	18.98	20.00
		36	39	19.07	18.90	19.06	20.00
		75	0	18.95	18.87	18.83	20.00
	64QAM	1	0	19.07	19.04	18.86	20.00
		1	38	19.21	19.03	19.03	20.00
		1	74	19.17	18.94	19.01	20.00
		36	0	17.96	17.79	17.88	19.00
		36	18	18.14	18.07	17.94	19.00
		36	39	18.01	17.91	18.00	19.00
		75	0	17.94	17.89	18.04	19.00
	256QAM	1	0	16.08	15.93	15.66	17.00
		1	38	16.14	15.95	15.97	17.00
		1	74	16.19	15.93	16.15	17.00
		36	0	15.97	15.92	15.96	17.00
		36	18	16.08	15.98	15.93	17.00
		36	39	15.90	15.95	16.04	17.00
		75	0	16.04	15.99	15.97	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	19.57	19.35	19.37	20.50
		1	50	19.52	19.45	19.48	20.50
		1	99	19.58	19.46	19.59	20.50
		50	0	19.50	19.36	19.44	20.50
		50	25	19.51	19.47	19.45	20.50
		50	50	19.55	19.50	19.58	20.50
		100	0	19.52	19.40	19.45	20.50
	16QAM	1	0	19.78	19.56	19.49	20.50



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		1	50	19.70	19.58	19.56	20.50
		1	99	19.72	19.61	19.52	20.50
		50	0	18.97	18.90	18.91	20.00
		50	25	19.05	18.99	18.96	20.00
		50	50	19.05	18.98	18.98	20.00
		100	0	19.02	18.91	18.92	20.00
	64QAM	1	0	19.06	19.01	18.90	20.00
		1	50	19.12	18.94	18.99	20.00
		1	99	19.13	18.97	19.02	20.00
		50	0	18.00	17.88	17.94	19.00
		50	25	18.05	17.99	17.96	19.00
		50	50	18.02	17.94	18.01	19.00
	256QAM	100	0	18.02	17.92	17.94	19.00
		1	0	16.04	15.98	15.76	17.00
		1	50	16.08	15.93	15.99	17.00
		1	99	16.20	15.95	16.09	17.00
		50	0	15.96	15.85	15.93	17.00
		50	25	16.02	15.97	15.95	17.00
		50	50	16.00	15.97	15.97	17.00
		100	0	16.03	15.92	15.94	17.00

LTE Band 38 Eci2/4/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.01	21.11	21.20	22.00
		1	13	21.18	21.00	20.97	22.00
		1	24	21.16	21.12	20.94	22.00
		12	0	20.16	20.12	20.18	21.00
		12	6	20.10	20.20	20.17	21.00
		12	13	20.17	20.12	20.13	21.00
	16QAM	25	0	20.19	20.22	20.17	21.00
		1	0	20.29	20.19	19.81	21.00
		1	13	20.14	20.25	19.80	21.00
		1	24	20.08	20.18	19.45	21.00
		12	0	19.14	19.35	19.17	20.00
		12	6	19.17	19.29	19.25	20.00
		12	13	19.06	19.08	19.16	20.00
		25	0	19.25	19.25	19.18	20.00



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	64QAM	1	0	18.95	18.84	18.83	20.00
		1	13	18.71	18.82	18.52	20.00
		1	24	18.72	18.75	18.45	20.00
		12	0	18.23	18.24	18.29	19.00
		12	6	18.13	18.17	18.22	19.00
		12	13	18.08	18.18	18.00	19.00
		25	0	18.14	18.26	18.17	19.00
	256QAM	1	0	15.92	15.97	16.00	17.00
		1	13	15.85	16.06	15.92	17.00
		1	24	15.89	15.93	16.01	17.00
		12	0	16.11	16.16	16.35	17.00
		12	6	16.19	16.30	16.20	17.00
		12	13	16.31	16.15	16.21	17.00
		25	0	16.10	16.26	16.12	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	20.97	21.13	21.19	22.00
		1	25	21.19	20.98	20.92	22.00
		1	49	21.05	20.93	21.02	22.00
		25	0	20.19	20.29	20.11	21.00
		25	13	20.16	20.20	20.12	21.00
		25	25	20.17	20.04	20.05	21.00
		50	0	20.27	20.16	20.23	21.00
	16QAM	1	0	20.20	20.27	19.85	21.00
		1	25	20.33	20.28	19.85	21.00
		1	49	20.15	20.17	19.54	21.00
		25	0	19.20	19.28	19.25	20.00
		25	13	19.21	19.31	19.11	20.00
		25	25	19.18	19.13	19.17	20.00
		50	0	19.26	19.14	19.27	20.00
	64QAM	1	0	18.93	18.91	18.86	20.00
		1	25	18.71	18.85	18.59	20.00
		1	49	18.71	18.80	18.55	20.00
		25	0	18.04	18.20	18.20	19.00
		25	13	18.05	18.18	18.11	19.00
		25	25	18.15	18.20	18.17	19.00
		50	0	18.10	18.21	18.15	19.00
	256QAM	1	0	16.07	16.15	16.15	17.00
		1	25	15.86	16.06	15.97	17.00



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		1	49	16.05	15.93	15.96	17.00
		25	0	16.14	16.29	16.24	17.00
		25	13	16.21	16.31	16.26	17.00
		25	25	16.31	16.07	16.22	17.00
		50	0	16.18	16.11	16.16	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	21.03	21.17	21.21	22.00
		1	38	21.16	21.14	21.08	22.00
		1	74	21.02	21.05	20.89	22.00
		36	0	20.14	20.20	20.30	21.00
		36	18	20.26	20.15	20.10	21.00
		36	39	20.05	20.06	20.10	21.00
		75	0	20.20	20.16	20.15	21.00
	16QAM	1	0	20.31	20.20	19.86	21.00
		1	38	20.17	20.24	19.75	21.00
		1	74	20.16	20.11	19.49	21.00
		36	0	19.15	19.22	19.23	20.00
		36	18	19.20	19.22	19.26	20.00
		36	39	19.14	19.17	19.02	20.00
		75	0	19.08	19.11	19.23	20.00
	64QAM	1	0	18.85	18.94	18.97	20.00
		1	38	18.83	18.84	18.62	20.00
		1	74	18.81	18.87	18.62	20.00
		36	0	18.05	18.27	18.13	19.00
		36	18	18.24	18.23	18.22	19.00
		36	39	18.12	18.15	18.01	19.00
		75	0	18.11	18.26	18.10	19.00
	256QAM	1	0	15.98	16.11	15.96	17.00
		1	38	15.96	16.06	16.06	17.00
		1	74	15.87	15.88	15.91	17.00
		36	0	16.12	16.20	16.23	17.00
		36	18	16.21	16.18	16.25	17.00
		36	39	16.31	16.18	16.26	17.00
		75	0	16.10	16.14	16.26	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	21.05	21.09	21.11	22.00
		1	50	21.12	21.04	21.00	22.00



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		1	99	21.10	21.02	20.97	22.00
		50	0	20.15	20.21	20.20	21.00
		50	25	20.16	20.18	20.18	21.00
		50	50	20.15	20.13	20.11	21.00
		100	0	20.17	20.15	20.15	21.00
	16QAM	1	0	20.28	20.27	19.86	21.00
		1	50	20.24	20.20	19.78	21.00
		1	99	20.18	20.19	19.54	21.00
		50	0	19.16	19.26	19.19	20.00
		50	25	19.17	19.21	19.18	20.00
		50	50	19.16	19.18	19.12	20.00
		100	0	19.17	19.17	19.19	20.00
	64QAM	1	0	18.86	18.85	18.89	20.00
		1	50	18.79	18.80	18.62	20.00
		1	99	18.77	18.80	18.55	20.00
		50	0	18.14	18.21	18.20	19.00
		50	25	18.14	18.17	18.15	19.00
		50	50	18.14	18.13	18.09	19.00
		100	0	18.13	18.16	18.12	19.00
	256QAM	1	0	16.01	16.07	16.06	17.00
		1	50	15.94	15.98	15.96	17.00
		1	99	15.95	15.98	15.93	17.00
		50	0	16.21	16.24	16.25	17.00
		50	25	16.22	16.22	16.22	17.00
		50	50	16.21	16.17	16.17	17.00
		100	0	16.17	16.16	16.17	17.00

LTE Band 38 Eci3/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	18.20	18.45	18.26	19.50
		1	13	18.36	18.38	18.29	19.50
		1	24	18.42	18.15	18.29	19.50
		12	0	18.34	18.39	18.36	19.50
		12	6	18.34	18.38	18.31	19.50
		12	13	18.34	18.25	18.25	19.50
		25	0	18.38	18.37	18.30	19.50
	16QAM	1	0	18.62	18.61	18.60	19.50



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		1	13	18.52	18.58	18.47	19.50
		1	24	18.66	18.39	18.58	19.50
		12	0	18.36	18.43	18.34	19.50
		12	6	18.44	18.40	18.26	19.50
		12	13	18.46	18.44	18.29	19.50
		25	0	18.37	18.38	18.44	19.50
	64QAM	1	0	18.32	18.53	18.46	19.50
		1	13	18.38	18.49	18.32	19.50
		1	24	18.47	18.29	18.29	19.50
		12	0	17.98	18.19	18.01	19.00
		12	6	18.20	18.17	18.04	19.00
		12	13	18.18	18.11	18.02	19.00
	256QAM	25	0	18.10	17.99	18.00	19.00
		1	0	16.08	16.06	16.03	17.00
		1	13	16.01	16.08	16.03	17.00
		1	24	16.05	15.93	16.01	17.00
		12	0	16.12	16.14	16.10	17.00
		12	6	16.16	16.23	16.08	17.00
		12	13	16.21	16.09	15.95	17.00
		25	0	16.02	16.07	15.96	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	18.34	18.55	18.29	19.50
		1	25	18.29	18.47	18.24	19.50
		1	49	18.24	18.34	18.17	19.50
		25	0	18.25	18.44	18.28	19.50
		25	13	18.41	18.40	18.18	19.50
		25	25	18.31	18.36	18.27	19.50
		50	0	18.29	18.29	18.35	19.50
	16QAM	1	0	18.50	18.62	18.61	19.50
		1	25	18.45	18.72	18.46	19.50
		1	49	18.47	18.54	18.60	19.50
		25	0	18.29	18.51	18.43	19.50
		25	13	18.51	18.53	18.32	19.50
		25	25	18.39	18.36	18.30	19.50
		50	0	18.43	18.33	18.37	19.50
	64QAM	1	0	18.45	18.60	18.36	19.50
		1	25	18.47	18.62	18.35	19.50
		1	49	18.48	18.41	18.18	19.50



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		25	0	17.89	18.05	18.17	19.00
		25	13	18.01	18.16	18.02	19.00
		25	25	18.19	18.13	17.97	19.00
		50	0	18.07	18.03	17.99	19.00
	256QAM	1	0	15.99	16.14	16.04	17.00
		1	25	16.12	16.16	15.97	17.00
		1	49	16.01	15.96	15.93	17.00
		25	0	16.03	16.11	16.09	17.00
		25	13	16.05	16.25	16.12	17.00
		25	25	16.13	16.10	15.94	17.00
		50	0	16.11	16.03	16.05	17.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					37825	38000	38175
					Tune up		
15MHz	QPSK	1	0	18.32	18.52	18.26	19.50
		1	38	18.29	18.49	18.15	19.50
		1	74	18.39	18.27	18.16	19.50
		36	0	18.35	18.41	18.40	19.50
		36	18	18.47	18.45	18.27	19.50
		36	39	18.41	18.42	18.28	19.50
		75	0	18.39	18.43	18.31	19.50
	16QAM	1	0	18.47	18.60	18.69	19.50
		1	38	18.64	18.73	18.55	19.50
		1	74	18.46	18.52	18.42	19.50
		36	0	18.41	18.42	18.39	19.50
		36	18	18.47	18.42	18.26	19.50
		36	39	18.38	18.27	18.28	19.50
		75	0	18.29	18.48	18.33	19.50
	64QAM	1	0	18.31	18.58	18.48	19.50
		1	38	18.43	18.44	18.29	19.50
		1	74	18.36	18.26	18.19	19.50
		36	0	17.94	18.04	18.13	19.00
		36	18	18.09	18.21	18.06	19.00
		36	39	18.19	18.09	17.96	19.00
		75	0	18.09	18.07	17.98	19.00
	256QAM	1	0	15.99	16.16	16.00	17.00
		1	38	15.96	16.05	15.89	17.00
		1	74	16.04	16.06	15.86	17.00
		36	0	16.00	16.09	16.14	17.00
		36	18	16.07	16.24	15.98	17.00



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		36	39	16.11	16.17	16.07	17.00
		75	0	16.07	16.05	16.09	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	18.26	18.46	18.35	19.50
		1	50	18.37	18.42	18.20	19.50
		1	99	18.34	18.24	18.20	19.50
		50	0	18.29	18.41	18.36	19.50
		50	25	18.40	18.41	18.28	19.50
		50	50	18.40	18.33	18.22	19.50
		100	0	18.34	18.38	18.31	19.50
	16QAM	1	0	18.53	18.66	18.61	19.50
		1	50	18.54	18.68	18.46	19.50
		1	99	18.56	18.49	18.50	19.50
		50	0	18.31	18.45	18.39	19.50
		50	25	18.45	18.46	18.30	19.50
		50	50	18.41	18.37	18.26	19.50
		100	0	18.36	18.42	18.34	19.50
	64QAM	1	0	18.38	18.52	18.43	19.50
		1	50	18.41	18.53	18.31	19.50
		1	99	18.39	18.35	18.27	19.50
		50	0	17.99	18.12	18.09	19.00
		50	25	18.11	18.13	17.99	19.00
		50	50	18.13	18.07	17.95	19.00
		100	0	18.02	18.07	17.99	19.00
	256QAM	1	0	16.00	16.13	16.07	17.00
		1	50	16.03	16.15	15.93	17.00
		1	99	16.04	15.97	15.93	17.00
		50	0	16.03	16.16	16.10	17.00
		50	25	16.13	16.17	16.03	17.00
		50	50	16.16	16.11	15.97	17.00
		100	0	16.02	16.07	16.00	17.00



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LTE Band 41 PC2 Eci2/4/6				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	23.41	23.65	23.61	23.12	23.23	24.50
		1	13	23.42	23.68	23.82	23.57	23.34	24.50
		1	24	23.40	23.65	23.18	23.36	23.43	24.50
		12	0	22.50	22.30	22.53	22.36	22.30	23.50
		12	6	22.34	22.54	22.76	22.36	22.13	23.50
		12	13	22.18	22.44	22.68	22.32	22.43	23.50
		25	0	22.62	22.36	22.73	22.40	22.12	23.50
	16QAM	1	0	22.34	22.28	22.53	22.54	22.18	23.50
		1	13	22.29	22.57	22.59	22.26	22.43	23.50
		1	24	22.57	22.69	22.59	22.61	22.62	23.50
		12	0	21.29	21.32	21.64	21.17	21.40	22.50
		12	6	21.61	21.30	21.53	21.36	21.28	22.50
		12	13	21.57	21.49	21.44	21.26	21.40	22.50
		25	0	21.59	21.23	21.84	21.41	21.50	22.50
	64QAM	1	0	21.07	21.15	21.13	21.05	20.93	22.50
		1	13	21.09	20.88	21.41	21.12	21.09	22.50
		1	24	21.36	21.09	21.15	21.16	20.91	22.50
		12	0	20.26	20.36	20.57	20.35	20.26	21.50
		12	6	20.35	20.30	20.46	20.49	20.41	21.50
		12	13	20.35	20.34	20.63	20.75	20.26	21.50
		25	0	20.14	20.34	20.54	20.49	20.20	21.50
	256QAM	1	0	18.45	18.07	18.37	18.31	18.06	19.50
		1	13	18.50	18.40	18.37	18.31	17.95	19.50
		1	24	18.22	18.17	18.20	18.37	18.11	19.50
		12	0	18.11	18.35	18.59	18.13	18.48	19.50
		12	6	18.41	18.27	18.53	18.34	18.14	19.50
		12	13	18.50	18.38	18.39	18.66	18.47	19.50
		25	0	18.17	18.42	18.39	18.39	18.29	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	23.57	23.49	23.68	23.06	23.29	24.50
		1	25	23.47	23.51	23.85	23.60	23.37	24.50
		1	49	23.51	23.71	23.28	23.28	23.41	24.50
		25	0	22.48	22.18	22.67	22.41	22.41	23.50
		25	13	22.34	22.67	22.67	22.22	22.11	23.50



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		25	25	22.34	22.56	22.52	22.36	22.43	23.50
		50	0	22.72	22.46	22.75	22.34	22.16	23.50
	16QAM	1	0	22.31	22.29	22.53	22.55	22.07	23.50
		1	25	22.33	22.42	22.59	22.27	22.34	23.50
		1	49	22.51	22.68	22.53	22.64	22.60	23.50
		25	0	21.10	21.36	21.58	21.20	21.25	22.50
		25	13	21.59	21.34	21.48	21.33	21.37	22.50
		25	25	21.56	21.33	21.61	21.40	21.31	22.50
		50	0	21.44	21.11	21.68	21.33	21.50	22.50
	64QAM	1	0	21.02	21.29	21.19	21.12	21.01	22.50
		1	25	21.07	20.94	21.53	20.96	21.09	22.50
		1	49	21.28	21.04	21.24	21.15	21.08	22.50
		25	0	20.26	20.35	20.69	20.38	20.20	21.50
		25	13	20.37	20.42	20.44	20.45	20.32	21.50
		25	25	20.37	20.33	20.64	20.70	20.31	21.50
		50	0	20.13	20.23	20.58	20.61	20.24	21.50
	256QAM	1	0	18.41	17.96	18.49	18.16	18.06	19.50
		1	25	18.52	18.27	18.48	18.30	18.03	19.50
		1	49	18.27	18.11	18.18	18.19	18.21	19.50
		25	0	18.09	18.24	18.59	18.08	18.45	19.50
		25	13	18.38	18.36	18.57	18.18	18.12	19.50
		25	25	18.40	18.40	18.47	18.60	18.39	19.50
		50	0	18.25	18.33	18.38	18.34	18.14	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.57	23.50	23.63	23.26	23.20	24.50
		1	38	23.50	23.66	23.75	23.59	23.23	24.50
		1	74	23.43	23.76	23.21	23.28	23.25	24.50
		36	0	22.48	22.31	22.52	22.50	22.32	23.50
		36	18	22.50	22.70	22.71	22.18	22.09	23.50
		36	39	22.18	22.51	22.67	22.44	22.50	23.50
		75	0	22.61	22.51	22.74	22.44	22.07	23.50
	16QAM	1	0	22.36	22.10	22.56	22.56	22.11	23.50
		1	38	22.38	22.40	22.70	22.26	22.34	23.50
		1	74	22.44	22.73	22.50	22.70	22.54	23.50
		36	0	21.20	21.28	21.54	21.27	21.42	22.50
		36	18	21.45	21.31	21.66	21.37	21.32	22.50
		36	39	21.50	21.34	21.55	21.37	21.47	22.50
		75	0	21.51	21.19	21.75	21.22	21.44	22.50



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		1	0	21.08	21.19	21.25	21.10	21.00	22.50
		1	38	21.19	20.77	21.42	21.10	21.13	22.50
		1	74	21.20	21.05	21.34	21.03	20.97	22.50
	64QAM	36	0	20.29	20.39	20.61	20.48	20.18	21.50
		36	18	20.37	20.34	20.42	20.42	20.38	21.50
		36	39	20.54	20.37	20.59	20.88	20.34	21.50
		75	0	20.29	20.22	20.52	20.53	20.39	21.50
		1	0	18.39	18.04	18.35	18.11	18.22	19.50
		1	38	18.43	18.32	18.36	18.24	18.03	19.50
		1	74	18.22	18.24	18.22	18.33	18.18	19.50
	256QAM	36	0	18.12	18.28	18.55	18.06	18.30	19.50
		36	18	18.47	18.28	18.50	18.24	18.09	19.50
		36	39	18.42	18.30	18.43	18.62	18.30	19.50
		75	0	18.31	18.32	18.46	18.41	18.26	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.48	23.58	23.63	23.16	23.30	24.50
		1	50	23.52	23.61	23.84	23.60	23.29	24.50
		1	99	23.47	23.68	23.24	23.32	23.35	24.50
		50	0	22.47	22.28	22.57	22.41	22.36	23.50
		50	25	22.40	22.61	22.72	22.28	22.17	23.50
		50	50	22.27	22.50	22.58	22.38	22.53	23.50
		100	0	22.66	22.43	22.74	22.44	22.16	23.50
	16QAM	1	0	22.32	22.19	22.59	22.48	22.11	23.50
		1	50	22.32	22.48	22.69	22.25	22.43	23.50
		1	99	22.54	22.73	22.56	22.68	22.55	23.50
		50	0	21.19	21.30	21.60	21.26	21.35	22.50
		50	25	21.54	21.35	21.57	21.35	21.30	22.50
		50	50	21.47	21.42	21.52	21.30	21.39	22.50
		100	0	21.52	21.17	21.76	21.32	21.45	22.50
	64QAM	1	0	21.11	21.24	21.15	21.04	20.94	22.50
		1	50	21.09	20.86	21.44	21.06	21.10	22.50
		1	99	21.27	21.12	21.24	21.12	21.00	22.50
		50	0	20.30	20.43	20.64	20.40	20.16	21.50
		50	25	20.44	20.33	20.44	20.45	20.36	21.50
		50	50	20.45	20.28	20.66	20.78	20.32	21.50
		100	0	20.21	20.29	20.51	20.55	20.29	21.50
	256QAM	1	0	18.42	18.06	18.39	18.21	18.13	19.50
		1	50	18.44	18.34	18.45	18.34	18.00	19.50



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		1	99	18.23	18.16	18.25	18.27	18.11	19.50
		50	0	18.18	18.30	18.51	18.07	18.39	19.50
		50	25	18.43	18.30	18.60	18.24	18.13	19.50
		50	50	18.46	18.38	18.42	18.58	18.39	19.50
		100	0	18.25	18.40	18.42	18.42	18.21	19.50

LTE Band 41 PC2 Eci3/7				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	20.35	20.34	20.46	20.12	20.19	21.00
		1	13	20.47	20.47	20.40	20.30	20.16	21.00
		1	24	20.49	20.57	20.50	20.41	20.38	21.00
		12	0	20.30	20.29	20.38	20.24	20.08	21.00
		12	6	20.32	20.57	20.47	20.03	20.13	21.00
		12	13	20.50	20.58	20.46	20.19	20.26	21.00
		25	0	20.38	20.47	20.57	20.27	20.25	21.00
	16QAM	1	0	20.62	20.56	20.70	20.25	20.35	21.00
		1	13	20.67	20.73	20.75	20.43	20.47	21.00
		1	24	20.91	20.94	20.77	20.43	20.55	21.00
		12	0	20.38	20.34	20.57	20.09	20.16	21.00
		12	6	20.31	20.48	20.45	20.25	20.13	21.00
		12	13	20.47	20.54	20.46	20.33	20.31	21.00
		25	0	20.43	20.47	20.48	20.16	20.33	21.00
	64QAM	1	0	20.37	20.21	20.46	19.98	20.05	21.00
		1	13	20.40	20.45	20.50	20.08	20.24	21.00
		1	24	20.56	20.52	20.41	20.36	20.30	21.00
		12	0	20.32	20.28	20.64	20.31	20.06	21.00
		12	6	20.35	20.37	20.46	20.11	20.19	21.00
		12	13	20.54	20.48	20.42	20.24	20.18	21.00
		25	0	20.39	20.45	20.37	20.08	20.07	21.00
	256QAM	1	0	18.96	18.87	19.22	18.71	18.74	19.50
		1	13	18.85	19.03	19.14	18.74	18.77	19.50
		1	24	19.14	19.08	19.14	18.98	18.77	19.50
		12	0	18.92	18.76	19.14	18.90	18.86	19.50
		12	6	18.90	19.00	19.09	18.90	18.85	19.50
		12	13	19.14	18.96	19.10	19.02	18.97	19.50
		25	0	18.84	18.87	19.18	18.72	18.71	19.50
Bandwidth	Modulation	RB size		Channel	Channel	Channel	Channel	Channel	Tune up



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			RB offset	39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	20.34	20.46	20.44	20.08	20.12	21.00
		1	25	20.51	20.46	20.46	20.29	20.25	21.00
		1	49	20.58	20.54	20.35	20.41	20.39	21.00
		25	0	20.32	20.29	20.55	20.20	20.07	21.00
		25	13	20.51	20.47	20.48	20.03	20.12	21.00
		25	25	20.56	20.53	20.52	20.28	20.18	21.00
		50	0	20.48	20.45	20.42	20.34	20.16	21.00
	16QAM	1	0	20.57	20.52	20.54	20.42	20.25	21.00
		1	25	20.67	20.68	20.80	20.39	20.55	21.00
		1	49	20.71	20.80	20.62	20.56	20.59	21.00
		25	0	20.35	20.39	20.58	20.04	20.16	21.00
		25	13	20.31	20.32	20.52	20.28	20.22	21.00
		25	25	20.52	20.68	20.42	20.16	20.31	21.00
		50	0	20.39	20.55	20.62	20.24	20.34	21.00
	64QAM	1	0	20.36	20.40	20.57	20.08	20.05	21.00
		1	25	20.30	20.29	20.62	20.12	20.09	21.00
		1	49	20.59	20.60	20.37	20.22	20.35	21.00
		25	0	20.35	20.34	20.58	20.28	20.18	21.00
		25	13	20.30	20.32	20.61	20.13	20.15	21.00
		25	25	20.43	20.55	20.42	20.15	20.15	21.00
		50	0	20.40	20.38	20.41	20.01	20.06	21.00
	256QAM	1	0	18.80	18.85	19.07	18.73	18.62	19.50
		1	25	18.83	19.08	19.08	18.85	18.73	19.50
		1	49	19.09	19.12	19.11	18.91	18.75	19.50
		25	0	18.76	18.84	19.22	18.91	18.89	19.50
		25	13	18.91	18.96	19.11	19.01	18.79	19.50
		25	25	19.08	19.00	19.09	19.06	18.84	19.50
		50	0	18.84	18.92	19.17	18.83	18.78	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	20.41	20.36	20.52	20.07	20.22	21.00
		1	38	20.48	20.44	20.42	20.33	20.36	21.00
		1	74	20.56	20.48	20.45	20.27	20.32	21.00
		36	0	20.39	20.34	20.52	20.21	20.13	21.00
		36	18	20.44	20.52	20.34	20.09	20.08	21.00
		36	39	20.45	20.58	20.43	20.22	20.29	21.00
		75	0	20.44	20.64	20.39	20.14	20.24	21.00
	16QAM	1	0	20.51	20.42	20.72	20.29	20.40	21.00



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		1	38	20.75	20.69	20.84	20.44	20.49	21.00
		1	74	20.82	20.98	20.69	20.51	20.64	21.00
		36	0	20.34	20.46	20.56	20.15	20.14	21.00
		36	18	20.41	20.46	20.49	20.20	20.17	21.00
		36	39	20.60	20.56	20.55	20.24	20.37	21.00
		75	0	20.49	20.57	20.54	20.17	20.22	21.00
	64QAM	1	0	20.29	20.22	20.62	20.07	20.05	21.00
		1	38	20.41	20.29	20.62	20.11	20.06	21.00
		1	74	20.57	20.68	20.37	20.23	20.45	21.00
		36	0	20.29	20.22	20.56	20.29	20.09	21.00
		36	18	20.31	20.31	20.41	20.22	20.29	21.00
		36	39	20.43	20.37	20.54	20.20	20.24	21.00
	256QAM	75	0	20.39	20.41	20.39	20.19	20.08	21.00
		1	0	18.81	18.93	19.26	18.73	18.66	19.50
		1	38	18.87	18.96	19.08	18.83	18.75	19.50
		1	74	19.10	19.18	19.02	18.88	18.90	19.50
		36	0	18.87	18.81	19.30	18.83	18.86	19.50
		36	18	18.94	18.93	19.18	18.85	18.87	19.50
		36	39	18.98	19.12	19.10	19.00	18.80	19.50
		75	0	18.84	18.78	19.08	18.73	18.84	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
39750					40185	40620	41055	41490	
20MHz	QPSK	1	0	20.39	20.38	20.49	20.12	20.17	21.00
		1	50	20.42	20.38	20.50	20.26	20.26	21.00
		1	99	20.55	20.47	20.41	20.37	20.38	21.00
		50	0	20.31	20.31	20.45	20.18	20.13	21.00
		50	25	20.41	20.49	20.43	20.11	20.18	21.00
		50	50	20.49	20.50	20.45	20.28	20.24	21.00
		100	0	20.45	20.55	20.47	20.24	20.19	21.00
	16QAM	1	0	20.60	20.51	20.64	20.32	20.31	21.00
		1	50	20.65	20.64	20.78	20.48	20.45	21.00
		1	99	20.81	20.89	20.69	20.50	20.59	21.00
		50	0	20.30	20.36	20.50	20.11	20.16	21.00
		50	25	20.39	20.40	20.50	20.29	20.22	21.00
		50	50	20.52	20.60	20.49	20.25	20.27	21.00
		100	0	20.46	20.53	20.53	20.14	20.24	21.00
	64QAM	1	0	20.34	20.31	20.52	20.08	20.15	21.00
		1	50	20.33	20.39	20.56	20.06	20.15	21.00
		1	99	20.51	20.59	20.45	20.30	20.37	21.00



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		50	0	20.30	20.31	20.54	20.25	20.15	21.00
		50	25	20.40	20.33	20.51	20.15	20.19	21.00
		50	50	20.52	20.46	20.48	20.24	20.25	21.00
		100	0	20.41	20.47	20.47	20.11	20.16	21.00
	256QAM	1	0	18.89	18.91	19.17	18.69	18.69	19.50
		1	50	18.90	18.98	19.18	18.80	18.73	19.50
		1	99	19.06	19.09	19.06	18.88	18.82	19.50
		50	0	18.86	18.86	19.21	18.84	18.79	19.50
		50	25	18.98	18.91	19.19	18.94	18.87	19.50
		50	50	19.07	19.02	19.12	18.97	18.87	19.50
		100	0	18.90	18.85	19.12	18.79	18.78	19.50

LTE Band 41 PC3 Eci2/4/6				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	20.59	20.43	20.75	20.48	20.34	22.00
		1	13	20.61	20.55	20.98	20.48	20.34	22.00
		1	24	20.55	20.79	20.38	20.41	20.66	22.00
		12	0	19.49	19.54	19.83	19.33	19.23	21.00
		12	6	19.52	19.54	19.70	19.60	19.25	21.00
		12	13	19.45	19.74	19.85	19.41	19.53	21.00
		25	0	19.71	19.44	19.67	19.54	19.27	21.00
	16QAM	1	0	19.47	19.50	19.70	19.70	19.19	21.00
		1	13	19.37	19.50	19.88	19.38	19.60	21.00
		1	24	19.66	19.71	19.64	19.82	19.52	21.00
		12	0	18.38	18.60	18.61	18.35	18.45	20.00
		12	6	18.50	18.51	18.78	18.65	18.36	20.00
		12	13	18.64	18.61	18.67	18.47	18.69	20.00
		25	0	18.58	18.32	18.71	18.39	18.51	20.00
	64QAM	1	0	18.25	18.29	18.43	18.19	18.15	20.00
		1	13	18.03	18.10	18.35	18.38	18.19	20.00
		1	24	18.42	18.04	18.28	18.33	18.13	20.00
		12	0	17.33	17.51	17.80	17.27	17.31	19.00
		12	6	17.53	17.38	17.49	17.40	17.42	19.00
		12	13	17.29	17.57	17.85	17.70	17.35	19.00
		25	0	17.50	17.48	17.67	17.62	17.36	19.00
	256QAM	1	0	15.50	15.32	15.46	15.31	15.14	17.00
		1	13	15.43	15.40	15.49	15.42	15.13	17.00



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		1	24	15.52	15.40	15.33	15.47	15.21	17.00
		12	0	15.24	15.45	15.79	15.26	15.52	17.00
		12	6	15.48	15.46	15.64	15.47	15.49	17.00
		12	13	15.68	15.56	15.64	15.51	15.57	17.00
		25	0	15.37	15.46	15.67	15.49	15.20	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	20.54	20.63	20.66	20.33	20.34	22.00
		1	25	20.55	20.71	20.97	20.65	20.33	22.00
		1	49	20.48	20.72	20.35	20.49	20.53	22.00
		25	0	19.63	19.49	19.74	19.46	19.42	21.00
		25	13	19.55	19.64	19.81	19.46	19.30	21.00
		25	25	19.42	19.55	19.78	19.49	19.66	21.00
		50	0	19.71	19.47	19.76	19.49	19.37	21.00
	16QAM	1	0	19.34	19.37	19.64	19.53	19.15	21.00
		1	25	19.36	19.68	19.80	19.34	19.49	21.00
		1	49	19.66	19.79	19.58	19.76	19.56	21.00
		25	0	18.39	18.48	18.75	18.38	18.40	20.00
		25	13	18.58	18.55	18.73	18.49	18.45	20.00
		25	25	18.54	18.60	18.65	18.51	18.58	20.00
		50	0	18.58	18.32	18.82	18.37	18.61	20.00
	64QAM	1	0	18.17	18.27	18.32	18.24	18.13	20.00
		1	25	18.17	18.00	18.45	18.22	18.20	20.00
		1	49	18.34	18.13	18.33	18.25	18.15	20.00
		25	0	17.33	17.47	17.74	17.46	17.28	19.00
		25	13	17.51	17.43	17.61	17.50	17.44	19.00
		25	25	17.46	17.48	17.70	17.80	17.37	19.00
		50	0	17.42	17.37	17.61	17.70	17.45	19.00
	256QAM	1	0	15.52	15.21	15.55	15.29	15.16	17.00
		1	25	15.46	15.41	15.49	15.44	15.02	17.00
		1	49	15.38	15.35	15.37	15.47	15.24	17.00
		25	0	15.32	15.39	15.65	15.15	15.56	17.00
		25	13	15.58	15.48	15.76	15.43	15.34	17.00
		25	25	15.59	15.58	15.55	15.63	15.48	17.00
		50	0	15.36	15.53	15.60	15.49	15.24	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	20.63	20.52	20.79	20.45	20.39	22.00
		1	38	20.50	20.65	20.78	20.67	20.39	22.00



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		1	74	20.48	20.71	20.36	20.33	20.53	22.00
		36	0	19.65	19.51	19.86	19.35	19.28	21.00
		36	18	19.46	19.48	19.77	19.57	19.28	21.00
		36	39	19.44	19.74	19.85	19.47	19.58	21.00
		75	0	19.65	19.33	19.84	19.37	19.31	21.00
	16QAM	1	0	19.51	19.40	19.60	19.53	19.03	21.00
		1	38	19.50	19.51	19.88	19.37	19.41	21.00
		1	74	19.70	19.69	19.61	19.82	19.62	21.00
		36	0	18.27	18.54	18.76	18.32	18.32	20.00
		36	18	18.41	18.50	18.61	18.65	18.31	20.00
		36	39	18.53	18.60	18.74	18.47	18.64	20.00
		75	0	18.40	18.30	18.72	18.48	18.59	20.00
	64QAM	1	0	18.25	18.33	18.43	18.18	18.09	20.00
		1	38	18.10	18.09	18.47	18.26	18.15	20.00
		1	74	18.28	18.08	18.43	18.39	18.06	20.00
		36	0	17.48	17.36	17.80	17.42	17.27	19.00
		36	18	17.49	17.50	17.55	17.49	17.43	19.00
		36	39	17.49	17.56	17.69	17.74	17.51	19.00
		75	0	17.53	17.43	17.64	17.67	17.36	19.00
	256QAM	1	0	15.56	15.38	15.45	15.32	15.15	17.00
		1	38	15.52	15.25	15.51	15.36	15.08	17.00
		1	74	15.40	15.32	15.44	15.46	15.21	17.00
		36	0	15.25	15.49	15.65	15.24	15.52	17.00
		36	18	15.55	15.44	15.71	15.41	15.49	17.00
		36	39	15.56	15.63	15.65	15.53	15.55	17.00
		75	0	15.26	15.44	15.60	15.49	15.25	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	20.63	20.53	20.75	20.40	20.36	22.00
		1	50	20.59	20.62	20.88	20.58	20.35	22.00
		1	99	20.54	20.75	20.43	20.41	20.61	22.00
		50	0	19.55	19.44	19.80	19.40	19.33	21.00
		50	25	19.50	19.55	19.78	19.52	19.33	21.00
		50	50	19.40	19.64	19.76	19.42	19.59	21.00
		100	0	19.69	19.43	19.75	19.45	19.36	21.00
	16QAM	1	0	19.41	19.43	19.69	19.62	19.05	21.00
		1	50	19.42	19.59	19.90	19.41	19.50	21.00
		1	99	19.70	19.72	19.64	19.72	19.60	21.00
		50	0	18.31	18.54	18.69	18.41	18.39	20.00



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		50	25	18.50	18.52	18.68	18.58	18.36	20.00
		50	50	18.54	18.58	18.74	18.48	18.62	20.00
		100	0	18.48	18.40	18.72	18.41	18.55	20.00
	64QAM	1	0	18.26	18.23	18.36	18.24	18.08	20.00
		1	50	18.07	18.00	18.40	18.31	18.13	20.00
		1	99	18.33	18.10	18.35	18.34	18.15	20.00
		50	0	17.41	17.43	17.72	17.37	17.28	19.00
		50	25	17.53	17.48	17.59	17.46	17.42	19.00
		50	50	17.39	17.57	17.78	17.76	17.43	19.00
		100	0	17.49	17.39	17.70	17.61	17.35	19.00
	256QAM	1	0	15.48	15.29	15.47	15.24	15.16	17.00
		1	50	15.42	15.35	15.46	15.43	15.06	17.00
		1	99	15.43	15.30	15.38	15.38	15.16	17.00
		50	0	15.28	15.39	15.73	15.21	15.46	17.00
		50	25	15.52	15.43	15.72	15.46	15.41	17.00
		50	50	15.62	15.62	15.60	15.60	15.51	17.00
		100	0	15.35	15.52	15.58	15.41	15.30	17.00

LTE Band 41 PC3 Eci3/7				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	18.28	18.30	18.82	18.16	18.34	19.50
		1	13	18.51	18.60	18.83	18.33	18.43	19.50
		1	24	18.74	18.67	18.72	18.50	18.46	19.50
		12	0	18.47	18.44	18.83	18.33	18.55	19.50
		12	6	18.76	18.89	18.77	18.49	18.49	19.50
		12	13	18.71	18.75	18.82	18.44	18.46	19.50
		25	0	18.60	18.73	18.73	18.46	18.57	19.50
	16QAM	1	0	18.56	18.64	18.60	18.33	18.54	19.50
		1	13	18.65	18.48	18.89	18.24	18.40	19.50
		1	24	18.58	18.56	18.56	18.65	18.64	19.50
		12	0	18.52	18.69	18.85	18.38	18.25	19.50
		12	6	18.54	18.50	18.77	18.58	18.45	19.50
		12	13	18.74	18.99	18.73	18.58	18.51	19.50
		25	0	18.67	18.67	18.90	18.65	18.40	19.50
	64QAM	1	0	18.21	18.21	18.48	17.90	17.91	19.50
		1	13	18.10	18.17	18.42	18.09	18.00	19.50
		1	24	18.29	18.22	18.21	18.16	18.05	19.50



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		12	0	17.98	17.82	18.11	17.70	17.77	19.00
		12	6	18.00	18.06	18.12	17.71	17.72	19.00
		12	13	18.07	18.10	18.01	17.84	17.77	19.00
		25	0	18.01	17.94	18.09	17.70	17.82	19.00
	256QAM	1	0	15.67	15.78	15.97	15.50	15.54	17.00
		1	13	15.75	15.86	15.91	15.47	15.61	17.00
		1	24	15.95	15.83	15.79	15.75	15.72	17.00
		12	0	15.95	15.87	16.15	15.74	15.85	17.00
		12	6	16.09	16.18	16.26	15.83	15.79	17.00
		12	13	16.01	16.08	16.13	15.69	15.80	17.00
		25	0	15.88	16.06	16.15	15.76	15.71	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	18.27	18.28	18.77	18.34	18.36	19.50
		1	25	18.40	18.58	18.80	18.37	18.46	19.50
		1	49	18.78	18.69	18.58	18.51	18.65	19.50
		25	0	18.35	18.33	18.75	18.40	18.54	19.50
		25	13	18.78	18.87	18.92	18.31	18.42	19.50
		25	25	18.70	18.72	18.81	18.36	18.37	19.50
		50	0	18.74	18.64	18.73	18.41	18.55	19.50
	16QAM	1	0	18.53	18.47	18.60	18.32	18.40	19.50
		1	25	18.62	18.45	18.81	18.37	18.29	19.50
		1	49	18.72	18.55	18.52	18.50	18.59	19.50
		25	0	18.58	18.77	18.88	18.40	18.39	19.50
		25	13	18.48	18.43	18.90	18.53	18.56	19.50
		25	25	18.76	18.97	18.76	18.60	18.49	19.50
		50	0	18.68	18.68	18.86	18.61	18.38	19.50
	64QAM	1	0	18.34	18.32	18.46	17.98	18.05	19.50
		1	25	18.08	18.10	18.32	18.01	18.05	19.50
		1	49	18.20	18.17	18.12	18.05	18.20	19.50
		25	0	17.99	17.85	18.19	17.62	17.79	19.00
		25	13	18.02	18.05	18.13	17.84	17.83	19.00
		25	25	17.98	18.02	18.15	17.79	17.89	19.00
		50	0	18.00	18.00	18.04	17.77	17.71	19.00
	256QAM	1	0	15.75	15.85	15.85	15.55	15.51	17.00
		1	25	15.76	15.78	16.01	15.52	15.59	17.00
		1	49	16.03	15.77	15.94	15.72	15.76	17.00
		25	0	15.97	15.84	16.23	15.68	15.84	17.00
		25	13	16.04	15.99	16.18	15.90	15.80	17.00



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		25	25	16.07	16.16	16.12	15.89	15.93	17.00
		50	0	16.06	15.98	16.09	15.85	15.90	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	18.23	18.18	18.86	18.22	18.33	19.50
		1	38	18.48	18.51	18.90	18.38	18.49	19.50
		1	74	18.86	18.70	18.63	18.62	18.52	19.50
		36	0	18.38	18.36	18.88	18.35	18.35	19.50
		36	18	18.60	18.82	18.78	18.34	18.61	19.50
		36	39	18.83	18.71	18.76	18.38	18.54	19.50
		75	0	18.66	18.64	18.75	18.40	18.53	19.50
	16QAM	1	0	18.41	18.58	18.71	18.46	18.52	19.50
		1	38	18.56	18.60	18.89	18.41	18.27	19.50
		1	74	18.60	18.64	18.66	18.57	18.65	19.50
		36	0	18.61	18.80	18.88	18.40	18.31	19.50
		36	18	18.45	18.53	18.94	18.59	18.53	19.50
		36	39	18.84	18.85	18.78	18.60	18.51	19.50
		75	0	18.58	18.72	18.96	18.58	18.38	19.50
	64QAM	1	0	18.28	18.19	18.44	17.82	17.96	19.50
		1	38	18.14	18.01	18.47	17.97	18.09	19.50
		1	74	18.25	18.22	18.23	18.11	18.14	19.50
		36	0	17.81	17.81	18.09	17.77	17.67	19.00
		36	18	17.98	18.14	18.06	17.68	17.88	19.00
		36	39	18.18	18.18	18.20	17.70	17.87	19.00
		75	0	18.04	18.03	18.18	17.69	17.69	19.00
	256QAM	1	0	15.70	15.89	15.88	15.50	15.44	17.00
		1	38	15.76	15.93	16.07	15.54	15.58	17.00
		1	74	15.98	15.88	15.95	15.67	15.76	17.00
		36	0	15.94	15.82	16.27	15.82	15.79	17.00
		36	18	16.11	15.99	16.24	15.87	15.78	17.00
		36	39	16.17	16.07	16.19	15.84	15.85	17.00
		75	0	15.93	16.00	16.09	15.79	15.88	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.27	18.24	18.83	18.26	18.26	19.50
		1	50	18.50	18.50	18.82	18.43	18.48	19.50
		1	99	18.76	18.77	18.66	18.55	18.55	19.50
		50	0	18.42	18.41	18.85	18.40	18.45	19.50
		50	25	18.70	18.80	18.83	18.41	18.51	19.50



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		50	50	18.75	18.75	18.76	18.43	18.45	19.50
		100	0	18.67	18.64	18.82	18.41	18.49	19.50
16QAM	1	0	18.46	18.55	18.65	18.41	18.44	19.50	
	1	50	18.60	18.55	18.90	18.32	18.37	19.50	
	1	99	18.67	18.61	18.61	18.58	18.55	19.50	
	50	0	18.61	18.71	18.79	18.36	18.35	19.50	
	50	25	18.54	18.44	18.84	18.58	18.49	19.50	
	50	50	18.82	18.91	18.81	18.54	18.49	19.50	
	100	0	18.62	18.64	18.87	18.56	18.47	19.50	
64QAM	1	0	18.29	18.28	18.44	17.89	17.95	19.50	
	1	50	18.10	18.08	18.39	18.06	18.02	19.50	
	1	99	18.22	18.23	18.18	18.12	18.15	19.50	
	50	0	17.89	17.88	18.16	17.67	17.75	19.00	
	50	25	18.00	18.05	18.15	17.76	17.81	19.00	
	50	50	18.08	18.09	18.10	17.80	17.83	19.00	
	100	0	17.99	17.98	18.09	17.73	17.75	19.00	
256QAM	1	0	15.76	15.81	15.92	15.46	15.54	17.00	
	1	50	15.77	15.85	16.01	15.55	15.59	17.00	
	1	99	15.94	15.87	15.85	15.72	15.69	17.00	
	50	0	15.92	15.88	16.19	15.76	15.78	17.00	
	50	25	16.02	16.08	16.21	15.90	15.86	17.00	
	50	50	16.08	16.06	16.12	15.79	15.87	17.00	
	100	0	15.96	16.05	16.13	15.76	15.81	17.00	



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2 Conducted Power of Main Antenna (Ant1)

2.1 Conducted Power of GSM

GSM 850 Eci3/4/6										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	31.38	31.48	31.42	32.50	-9.19	22.19	22.29	22.23	23.31
GPRS (GMSK)	1 TX Slot	31.33	31.42	31.33	32.50	-9.19	22.14	22.23	22.14	23.31
	2 TX Slots	28.46	28.41	28.40	29.50	-6.18	22.28	22.23	22.22	23.32
	3 TX Slots	26.74	26.79	26.71	28.00	-4.42	22.32	22.37	22.29	23.58
	4 TX Slots	25.31	25.39	25.43	26.50	-3.17	22.14	22.22	22.26	23.33
EGPRS (GMSK)	1 TX Slot	31.38	31.40	31.37	32.50	-9.19	22.19	22.21	22.18	23.31
	2 TX Slots	28.51	28.36	28.49	29.50	-6.18	22.33	22.18	22.31	23.32
	3 TX Slots	26.73	26.71	26.79	28.00	-4.42	22.31	22.29	22.37	23.58
	4 TX Slots	25.30	25.41	25.40	26.50	-3.17	22.13	22.24	22.23	23.33
EGPRS (8PSK)	1 TX Slot	26.41	26.34	26.24	27.00	-9.19	17.22	17.15	17.05	17.81
	2 TX Slots	25.11	25.13	25.17	26.00	-6.18	18.93	18.95	18.99	19.82
	3 TX Slots	22.67	22.69	22.61	23.50	-4.42	18.25	18.27	18.19	19.08
	4 TX Slots	21.25	21.21	21.26	22.00	-3.17	18.08	18.04	18.09	18.83

GSM 850 Eci2/7										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	29.78	29.84	29.79	31.00	-9.19	20.59	20.65	20.60	21.81
GPRS (GMSK)	1 TX Slot	29.69	29.74	29.76	31.00	-9.19	20.50	20.55	20.57	21.81
	2 TX Slots	26.74	26.84	26.89	28.00	-6.18	20.56	20.66	20.71	21.82
	3 TX Slots	25.02	25.13	25.12	26.50	-4.42	20.60	20.71	20.70	22.08
	4 TX Slots	23.67	23.79	23.84	25.00	-3.17	20.50	20.62	20.67	21.83
EGPRS (GMSK)	1 TX Slot	29.73	29.76	29.82	31.00	-9.19	20.54	20.57	20.63	21.81
	2 TX Slots	26.75	26.92	26.94	28.00	-6.18	20.57	20.74	20.76	21.82
	3 TX Slots	25.09	25.14	25.22	26.50	-4.42	20.67	20.72	20.80	22.08
	4 TX Slots	23.67	23.83	23.83	25.00	-3.17	20.50	20.66	20.66	21.83
EGPRS (8PSK)	1 TX Slot	25.87	26.01	26.06	27.00	-9.19	16.68	16.82	16.87	17.81
	2 TX Slots	24.64	24.90	24.93	26.00	-6.18	18.46	18.72	18.75	19.82
	3 TX Slots	22.44	22.61	22.81	23.50	-4.42	18.02	18.19	18.39	19.08
	4 TX Slots	21.23	21.48	21.45	22.00	-3.17	18.06	18.31	18.28	18.83



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GSM 1900 Eci4										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	28.03	27.83	27.75	29.00	-9.19	18.84	18.64	18.56	19.81
GPRS (GMSK)	1 TX Slot	27.95	27.91	27.79	29.00	-9.19	18.76	18.72	18.60	19.81
	2 TX Slots	24.94	24.91	24.81	26.00	-6.18	18.76	18.73	18.63	19.82
	3 TX Slots	23.16	23.12	23.10	24.00	-4.42	18.74	18.70	18.68	19.58
	4 TX Slots	21.98	22.01	21.85	23.00	-3.17	18.81	18.84	18.68	19.83
EGPRS (GMSK)	1 TX Slot	27.97	27.98	27.77	29.00	-9.19	18.78	18.79	18.58	19.81
	2 TX Slots	24.94	24.99	24.89	26.00	-6.18	18.76	18.81	18.71	19.82
	3 TX Slots	23.25	23.24	23.23	24.00	-4.42	18.83	18.82	18.81	19.58
	4 TX Slots	22.01	21.91	21.85	23.00	-3.17	18.84	18.74	18.68	19.83
EGPRS (8PSK)	1 TX Slot	23.99	24.09	24.15	25.00	-9.19	14.80	14.90	14.96	15.81
	2 TX Slots	22.41	22.47	22.52	23.50	-6.18	16.23	16.29	16.34	17.32
	3 TX Slots	20.37	20.32	20.25	21.00	-4.42	15.95	15.90	15.83	16.58
	4 TX Slots	18.85	18.79	18.70	20.00	-3.17	15.68	15.62	15.53	16.83

GSM 1900 Eci2										
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	22.03	22.17	21.94	23.50	-9.19	12.84	12.98	12.75	14.31
GPRS (GMSK)	1 TX Slot	21.95	22.18	21.78	23.50	-9.19	12.76	12.99	12.59	14.31
	2 TX Slots	19.39	19.18	18.95	20.50	-6.18	13.21	13.00	12.77	14.32
	3 TX Slots	17.66	17.50	17.11	18.50	-4.42	13.24	13.08	12.69	14.08
	4 TX Slots	16.14	16.22	15.94	17.50	-3.17	12.97	13.05	12.77	14.33
EGPRS (GMSK)	1 TX Slot	21.91	22.28	21.86	23.50	-9.19	12.72	13.09	12.67	14.31
	2 TX Slots	19.37	19.29	18.90	20.50	-6.18	13.19	13.11	12.72	14.32
	3 TX Slots	17.67	17.55	17.18	18.50	-4.42	13.25	13.13	12.76	14.08
	4 TX Slots	16.30	16.19	15.81	17.50	-3.17	13.13	13.02	12.64	14.33
EGPRS (8PSK)	1 TX Slot	22.35	22.17	22.14	23.00	-9.19	13.16	12.98	12.95	13.81
	2 TX Slots	18.89	18.68	18.87	19.50	-6.18	12.71	12.50	12.69	13.32
	3 TX Slots	16.61	16.77	16.48	17.00	-4.42	12.19	12.35	12.06	12.58
	4 TX Slots	14.70	14.71	14.53	16.00	-3.17	11.53	11.54	11.36	12.83

GSM 1900 Eci3										
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	22.49	22.69	22.40	24.00	-9.19	13.30	13.50	13.21	14.81
	1 TX Slot	22.42	22.65	22.33	24.00	-9.19	13.23	13.46	13.14	14.81



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GPRS (GMSK)	2 TX Slots	19.85	19.71	19.41	21.00	-6.18	13.67	13.53	13.23	14.82
	3 TX Slots	18.17	17.99	17.65	19.00	-4.42	13.75	13.57	13.23	14.58
	4 TX Slots	16.62	16.66	16.49	18.00	-3.17	13.45	13.49	13.32	14.83
EGPRS (GMSK)	1 TX Slot	22.46	22.73	22.33	24.00	-9.19	13.27	13.54	13.14	14.81
	2 TX Slots	19.89	19.79	19.41	21.00	-6.18	13.71	13.61	13.23	14.82
	3 TX Slots	18.22	18.07	17.66	19.00	-4.42	13.80	13.65	13.24	14.58
	4 TX Slots	16.84	16.70	16.27	18.00	-3.17	13.67	13.53	13.10	14.83
EGPRS (8PSK)	1 TX Slot	22.42	22.27	22.21	23.00	-9.19	13.23	13.08	13.02	13.81
	2 TX Slots	18.96	18.80	18.95	19.50	-6.18	12.78	12.62	12.77	13.32
	3 TX Slots	16.69	16.84	16.53	17.00	-4.42	12.27	12.42	12.11	12.58
	4 TX Slots	14.85	14.83	14.63	16.00	-3.17	11.68	11.66	11.46	12.83

GSM 1900 Eci7										
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	21.50	21.40	21.38	22.50	-9.19	12.31	12.21	12.19	13.31
GPRS (GMSK)	1 TX Slot	21.40	21.37	21.29	22.50	-9.19	12.21	12.18	12.10	13.31
	2 TX Slots	18.39	18.34	18.22	19.50	-6.18	12.21	12.16	12.04	13.32
	3 TX Slots	16.77	16.66	16.51	17.50	-4.42	12.35	12.24	12.09	13.08
	4 TX Slots	15.43	15.44	15.27	16.50	-3.17	12.26	12.27	12.10	13.33
EGPRS (GMSK)	1 TX Slot	21.40	21.37	21.29	22.50	-9.19	12.21	12.18	12.10	13.31
	2 TX Slots	18.39	18.34	18.22	19.50	-6.18	12.21	12.16	12.04	13.32
	3 TX Slots	16.77	16.67	16.51	17.50	-4.42	12.35	12.25	12.09	13.08
	4 TX Slots	15.58	15.45	15.27	16.50	-3.17	12.41	12.28	12.10	13.33
EGPRS (8PSK)	1 TX Slot	20.40	20.36	20.27	22.00	-9.19	11.21	11.17	11.08	12.81
	2 TX Slots	17.38	17.32	17.20	19.00	-6.18	11.20	11.14	11.02	12.82
	3 TX Slots	15.75	15.64	15.49	16.50	-4.42	11.33	11.22	11.07	12.08
	4 TX Slots	14.26	14.12	13.95	15.00	-3.17	11.09	10.95	10.78	11.83

GSM 1900 Eci6										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	25.95	25.88	25.79	27.00	-9.19	16.76	16.69	16.60	17.81
GPRS (GMSK)	1 TX Slot	25.93	25.83	25.71	27.00	-9.19	16.74	16.64	16.52	17.81
	2 TX Slots	22.90	22.86	22.77	24.00	-6.18	16.72	16.68	16.59	17.82
	3 TX Slots	21.18	21.12	21.06	22.00	-4.42	16.76	16.70	16.64	17.58
	4 TX Slots	19.95	19.97	19.76	21.00	-3.17	16.78	16.80	16.59	17.83
EGPRS (GMSK)	1 TX Slot	25.96	25.88	25.76	27.00	-9.19	16.77	16.69	16.57	17.81
	2 TX Slots	22.93	22.89	22.81	24.00	-6.18	16.75	16.71	16.63	17.82



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	3 TX Slots	21.21	21.15	21.09	22.00	-4.42	16.79	16.73	16.67	17.58
	4 TX Slots	19.97	19.90	19.79	21.00	-3.17	16.80	16.73	16.62	17.83
EGPRS (8PSK)	1 TX Slot	23.93	23.83	23.71	25.00	-9.19	14.74	14.64	14.52	15.81
	2 TX Slots	22.42	22.37	22.27	23.50	-6.18	16.24	16.19	16.09	17.32
	3 TX Slots	20.19	20.13	20.07	21.00	-4.42	15.77	15.71	15.65	16.58
	4 TX Slots	18.96	18.98	18.77	20.00	-3.17	15.79	15.81	15.60	16.83

2.2 Conducted Power of WCDMA

WCDMA Band II Eci4					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	21.57	21.61	21.79	22.50
	12.2kbps AMR	21.53	21.55	21.72	22.50
HSDPA	Subtest 1	20.74	20.85	20.95	21.50
	Subtest 2	20.75	20.83	20.96	21.50
	Subtest 3	20.29	20.44	20.50	21.00
	Subtest 4	20.31	20.39	20.46	21.00
HSUPA	Subtest 1	18.82	18.89	18.98	19.50
	Subtest 2	18.78	18.90	19.00	19.50
	Subtest 3	19.83	19.92	20.01	20.50
	Subtest 4	18.35	18.41	18.50	19.00
	Subtest 5	19.79	19.90	20.00	20.50
DC-HSDPA	Subtest 1	20.82	20.77	20.88	21.50
	Subtest 2	20.80	20.92	20.93	21.50
	Subtest 3	20.27	20.46	20.48	21.00
	Subtest 4	20.38	20.44	20.50	21.00
HSPA+	16QAM	18.14	17.85	18.01	19.50

WCDMA Band II Eci3					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	15.49	15.66	15.77	16.00
	12.2kbps AMR	15.56	15.68	15.75	16.00
HSDPA	Subtest 1	14.33	14.26	14.35	15.00
	Subtest 2	14.29	14.28	14.36	15.00
	Subtest 3	13.74	13.92	13.93	14.50
	Subtest 4	13.75	13.89	13.93	14.50
HSUPA	Subtest 1	12.39	12.32	12.58	13.00
	Subtest 2	12.21	12.30	12.44	13.00



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	Subtest 3	13.37	13.34	13.56	14.00
	Subtest 4	11.92	11.92	11.94	12.50
	Subtest 5	13.25	13.33	13.60	14.00
DC-HSDPA	Subtest 1	14.29	14.26	14.43	15.00
	Subtest 2	14.34	14.33	14.51	15.00
	Subtest 3	13.68	14.01	13.94	14.50
	Subtest 4	13.82	13.90	13.96	14.50
HSPA+	16QAM	11.72	11.39	11.51	13.00

WCDMA Band II Eci2/7					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	12.28	12.32	12.32	13.00
	12.2kbps AMR	12.26	12.33	12.28	13.00
HSDPA	Subtest 1	11.27	11.37	11.38	12.00
	Subtest 2	11.32	11.28	11.39	12.00
	Subtest 3	10.71	10.90	10.93	11.50
	Subtest 4	10.82	10.86	11.03	11.50
HSUPA	Subtest 1	9.41	9.41	9.50	10.00
	Subtest 2	9.19	9.36	9.56	10.00
	Subtest 3	10.33	10.39	10.49	11.00
	Subtest 4	8.77	8.93	8.92	9.50
	Subtest 5	10.31	10.39	10.45	11.00
DC-HSDPA	Subtest 1	11.34	11.31	11.36	12.00
	Subtest 2	11.36	11.40	11.51	12.00
	Subtest 3	10.84	10.90	10.89	11.50
	Subtest 4	10.85	10.96	11.06	11.50
HSPA+	16QAM	8.59	8.50	8.58	10.00

WCDMA Band II Eci6					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	18.9	18.92	18.92	19.50
	12.2kbps AMR	18.87	18.9	19.02	19.50
HSDPA	Subtest 1	17.64	17.92	17.98	18.50
	Subtest 2	17.68	17.81	18.03	18.50
	Subtest 3	17.39	17.47	17.47	18.00
	Subtest 4	17.29	17.29	17.56	18.00
HSUPA	Subtest 1	15.88	15.81	15.93	16.50
	Subtest 2	15.86	15.87	16.06	16.50



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	Subtest 3	16.88	16.85	16.91	17.50
	Subtest 4	15.42	15.43	15.60	16.00
	Subtest 5	16.79	16.97	17.03	17.50
	Subtest 1	17.88	17.86	17.94	18.50
DC-HSDPA	Subtest 2	17.84	18.00	18.00	18.50
	Subtest 3	17.17	17.36	17.42	18.00
	Subtest 4	17.35	17.42	17.58	18.00
	Subtest 1	17.88	17.86	17.94	18.50
HSPA+	16QAM	15.17	15.01	15.04	16.50

WCDMA Band IV Eci4					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.58	21.53	21.48	22.50
	12.2kbps AMR	21.56	21.5	21.44	22.50
HSDPA	Subtest 1	20.75	20.71	20.72	21.50
	Subtest 2	20.75	20.74	20.74	21.50
	Subtest 3	20.28	20.29	20.31	21.00
	Subtest 4	20.24	20.27	20.25	21.00
HSUPA	Subtest 1	19.28	18.74	18.73	19.50
	Subtest 2	18.73	18.76	18.73	19.50
	Subtest 3	19.78	19.78	19.77	20.50
	Subtest 4	18.28	18.27	18.26	19.00
	Subtest 5	19.76	19.75	19.74	20.50
DC-HSDPA	Subtest 1	20.68	20.75	20.63	21.50
	Subtest 2	20.83	20.76	20.82	21.50
	Subtest 3	20.28	20.22	20.37	21.00
	Subtest 4	20.25	20.19	20.22	21.00
HSPA+	16QAM	18.07	17.96	18.04	19.50

WCDMA Band IV Eci3					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	17.1	17.02	17.04	17.50
	12.2kbps AMR	17.09	17.01	16.97	17.50
HSDPA	Subtest 1	15.73	15.71	15.67	16.50
	Subtest 2	15.70	15.68	15.77	16.50
	Subtest 3	15.29	15.38	15.39	16.00
	Subtest 4	15.14	15.26	15.23	16.00
HSUPA	Subtest 1	14.24	13.76	13.73	14.50
	Subtest 2	13.78	13.82	13.69	14.50



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	Subtest 3	14.74	14.75	14.70	15.50
	Subtest 4	13.37	13.27	13.36	14.00
	Subtest 5	14.74	14.67	14.84	15.50
DC-HSDPA	Subtest 1	15.58	15.76	15.60	16.50
	Subtest 2	15.85	15.71	15.80	16.50
	Subtest 3	15.32	15.20	15.27	16.00
	Subtest 4	15.25	15.23	15.31	16.00
HSPA+	16QAM	13.08	12.94	13.15	14.50

WCDMA Band IV Eci2/7					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	13.28	13.21	13.09	14.00
	12.2kbps AMR	13.25	13.18	13.05	14.00
HSDPA	Subtest 1	12.25	12.17	12.12	13.00
	Subtest 2	12.33	12.29	12.24	13.00
	Subtest 3	11.76	11.87	11.90	12.50
	Subtest 4	11.70	11.83	11.78	12.50
HSUPA	Subtest 1	10.81	10.33	10.14	11.00
	Subtest 2	10.33	10.19	10.16	11.00
	Subtest 3	11.28	11.32	11.18	12.00
	Subtest 4	9.70	9.78	9.67	10.50
	Subtest 5	11.31	11.16	11.22	12.00
DC-HSDPA	Subtest 1	12.08	12.21	12.07	13.00
	Subtest 2	12.28	12.31	12.38	13.00
	Subtest 3	11.81	11.76	11.86	12.50
	Subtest 4	11.74	11.71	11.81	12.50
HSPA+	16QAM	9.58	9.48	9.60	11.00

WCDMA Band IV Eci6					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	17.84	17.73	17.68	18.50
	12.2kbps AMR	17.86	17.75	17.69	18.50
HSDPA	Subtest 1	16.85	16.72	16.76	18.50
	Subtest 2	16.75	16.71	16.71	18.50
	Subtest 3	16.27	16.30	16.28	18.00
	Subtest 4	16.14	16.19	16.17	18.00
HSUPA	Subtest 1	15.35	14.72	14.74	16.50
	Subtest 2	14.67	14.81	14.73	16.50



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	Subtest 3	15.77	15.75	15.84	17.50
	Subtest 4	14.28	14.25	14.30	16.00
	Subtest 5	15.72	15.77	15.77	17.50
DC-HSDPA	Subtest 1	16.76	16.68	16.69	18.50
	Subtest 2	16.84	16.82	16.90	18.50
	Subtest 3	16.24	16.28	16.31	18.00
	Subtest 4	16.23	16.20	16.26	18.00
HSPA+	16QAM	14.11	13.96	14.02	15.50

WCDMA Band V Eci3/4/6					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.20	22.13	22.11	23.00
	12.2kbps AMR	22.15	22.07	22.08	23.00
HSDPA	Subtest 1	21.28	21.28	21.15	22.00
	Subtest 2	21.34	21.32	21.14	22.00
	Subtest 3	20.83	20.87	20.70	21.50
	Subtest 4	20.85	20.80	20.66	21.50
HSUPA	Subtest 1	19.30	19.29	19.14	20.00
	Subtest 2	19.32	19.29	19.14	20.00
	Subtest 3	20.33	20.32	20.16	21.00
	Subtest 4	18.79	18.82	18.65	19.50
	Subtest 5	20.30	20.28	20.12	21.00
DC-HSDPA	Subtest 1	21.30	21.24	21.09	22.00
	Subtest 2	21.43	21.36	21.13	22.00
	Subtest 3	20.84	20.90	20.62	21.50
	Subtest 4	20.93	20.81	20.63	21.50
HSPA+	16QAM	18.76	18.55	18.56	19.50

WCDMA Band V Eci7					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	21.85	21.79	21.79	22.50
	12.2kbps AMR	21.82	21.74	21.75	22.50
HSDPA	Subtest 1	20.68	20.68	20.55	21.50
	Subtest 2	20.74	20.72	20.60	21.50
	Subtest 3	20.30	20.32	20.15	21.00
	Subtest 4	20.39	20.40	20.18	21.00
HSUPA	Subtest 1	18.89	18.87	18.58	19.50
	Subtest 2	18.92	18.77	18.57	19.50



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	Subtest 3	19.88	19.78	19.66	20.50
	Subtest 4	18.25	18.25	18.20	19.00
	Subtest 5	19.78	19.86	19.69	20.50
DC-HSDPA	Subtest 1	20.83	20.79	20.59	21.50
	Subtest 2	21.00	20.84	20.68	21.50
	Subtest 3	20.32	20.32	20.15	21.00
	Subtest 4	20.34	20.39	20.17	21.00
HSPA+	16QAM	18.19	18.08	17.98	19.00

WCDMA Band V Eci2					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	21.30	21.33	21.25	22.00
	12.2kbps AMR	21.29	21.26	21.21	22.00
HSDPA	Subtest 1	20.37	20.27	20.16	21.00
	Subtest 2	20.32	20.25	20.21	21.00
	Subtest 3	19.80	19.93	19.65	20.50
	Subtest 4	19.91	19.86	19.69	20.50
HSUPA	Subtest 1	18.36	18.27	18.18	19.00
	Subtest 2	18.34	18.22	18.07	19.00
	Subtest 3	19.27	19.40	19.15	20.00
	Subtest 4	17.72	17.79	17.65	18.50
	Subtest 5	19.30	19.32	19.20	20.00
DC-HSDPA	Subtest 1	20.35	20.24	20.18	21.00
	Subtest 2	20.41	20.34	20.16	21.00
	Subtest 3	19.78	19.84	19.54	20.50
	Subtest 4	19.93	19.76	19.66	20.50
HSPA+	16QAM	17.61	17.64	17.59	18.50



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2.3 Conducted Power of LTE

LTE Band 2 Eci4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	21.26	21.13	21.25	22.50
		1	2	21.36	21.22	21.09	22.50
		1	5	21.32	21.12	21.40	22.50
		3	0	21.12	21.26	21.04	22.50
		3	2	21.06	21.23	21.18	22.50
		3	3	21.21	21.10	21.21	22.50
		6	0	20.16	20.35	20.27	21.50
	16QAM	1	0	20.29	20.64	20.14	21.50
		1	2	20.38	20.60	20.16	21.50
		1	5	20.56	20.21	20.50	21.50
		3	0	20.11	20.27	20.20	21.50
		3	2	20.36	20.30	20.26	21.50
		3	3	20.32	20.17	20.34	21.50
		6	0	19.19	19.30	19.16	20.50
	64QAM	1	0	19.40	19.36	19.17	20.50
		1	2	19.24	19.35	19.28	20.50
		1	5	19.44	19.32	19.47	20.50
		3	0	19.18	19.21	19.17	20.50
		3	2	19.34	19.23	19.34	20.50
		3	3	19.30	19.20	19.22	20.50
		6	0	18.30	18.26	18.26	19.50
	256QAM	1	0	16.26	16.43	16.20	17.50
		1	2	16.39	16.47	16.35	17.50
		1	5	16.31	16.17	16.56	17.50
		3	0	16.09	16.20	16.25	17.50
		3	2	16.33	16.20	16.30	17.50
		3	3	16.38	16.22	16.07	17.50
		6	0	16.25	16.20	16.18	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	21.13	21.30	21.29	22.50
		1	7	21.41	21.25	21.02	22.50
		1	14	21.43	21.17	21.27	22.50



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		8	0	20.11	20.30	20.10	21.50
		8	4	20.03	20.18	20.30	21.50
		8	7	20.12	20.23	20.25	21.50
		15	0	20.19	20.23	20.18	21.50
	16QAM	1	0	20.39	20.62	20.24	21.50
		1	7	20.46	20.67	20.26	21.50
		1	14	20.45	20.26	20.61	21.50
		8	0	19.07	19.32	19.13	20.50
		8	4	19.31	19.25	19.31	20.50
		8	7	19.23	19.32	19.31	20.50
		15	0	19.17	19.33	19.32	20.50
	64QAM	1	0	19.35	19.22	19.19	20.50
		1	7	19.32	19.33	19.32	20.50
		1	14	19.50	19.38	19.57	20.50
		8	0	18.07	18.28	18.15	19.50
		8	4	18.26	18.29	18.26	19.50
		8	7	18.38	18.18	18.25	19.50
		15	0	18.29	18.39	18.20	19.50
	256QAM	1	0	16.32	16.40	16.32	17.50
		1	7	16.27	16.35	16.32	17.50
		1	14	16.42	16.25	16.38	17.50
		8	0	16.20	16.35	16.13	17.50
		8	4	16.19	16.26	16.21	17.50
		8	7	16.29	16.33	16.12	17.50
		15	0	16.26	16.27	16.14	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	21.22	21.16	21.39	22.50
		1	13	21.26	21.28	21.16	22.50
		1	24	21.43	21.16	21.34	22.50
		12	0	20.16	20.16	20.13	21.50
		12	6	20.21	20.18	20.22	21.50
		12	13	20.16	20.26	20.31	21.50
		25	0	20.24	20.25	20.21	21.50
	16QAM	1	0	20.30	20.69	20.31	21.50
		1	13	20.32	20.54	20.28	21.50
		1	24	20.45	20.24	20.52	21.50
		12	0	19.10	19.16	19.23	20.50
		12	6	19.34	19.30	19.33	20.50



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		12	13	19.26	19.24	19.34	20.50
		25	0	19.10	19.30	19.20	20.50
	64QAM	1	0	19.42	19.38	19.07	20.50
		1	13	19.37	19.40	19.29	20.50
		1	24	19.47	19.20	19.46	20.50
		12	0	18.21	18.16	18.16	19.50
		12	6	18.23	18.34	18.29	19.50
		12	13	18.40	18.25	18.27	19.50
		25	0	18.33	18.28	18.18	19.50
	256QAM	1	0	16.12	16.47	16.21	17.50
		1	13	16.20	16.35	16.36	17.50
		1	24	16.36	16.25	16.41	17.50
		12	0	16.02	16.30	16.18	17.50
		12	6	16.22	16.18	16.22	17.50
		12	13	16.28	16.22	16.20	17.50
		25	0	16.18	16.19	16.23	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	21.30	21.14	21.36	22.50
		1	25	21.29	21.18	21.14	22.50
		1	49	21.49	21.12	21.36	22.50
		25	0	20.16	20.30	20.21	21.50
		25	13	20.10	20.20	20.34	21.50
		25	25	20.28	20.11	20.35	21.50
		50	0	20.15	20.34	20.30	21.50
	16QAM	1	0	20.31	20.60	20.13	21.50
		1	25	20.32	20.61	20.27	21.50
		1	49	20.44	20.33	20.52	21.50
		25	0	19.17	19.27	19.30	20.50
		25	13	19.33	19.27	19.26	20.50
		25	25	19.28	19.18	19.27	20.50
		50	0	19.24	19.32	19.23	20.50
	64QAM	1	0	19.43	19.25	19.06	20.50
		1	25	19.28	19.33	19.37	20.50
		1	49	19.58	19.28	19.56	20.50
		25	0	18.10	18.27	18.18	19.50
		25	13	18.29	18.31	18.28	19.50
		25	25	18.42	18.24	18.26	19.50
		50	0	18.17	18.37	18.29	19.50



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		1	0	16.16	16.36	16.18	17.50
		1	25	16.33	16.43	16.19	17.50
		1	49	16.43	16.27	16.54	17.50
	256QAM	25	0	16.11	16.29	16.20	17.50
		25	13	16.25	16.29	16.27	17.50
		25	25	16.33	16.18	16.24	17.50
		50	0	16.24	16.33	16.20	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	21.19	21.28	21.25	22.50
		1	38	21.37	21.17	21.03	22.50
		1	74	21.33	21.20	21.31	22.50
		36	0	20.13	20.33	20.10	21.50
		36	18	20.11	20.23	20.20	21.50
		36	39	20.25	20.06	20.21	21.50
		75	0	20.28	20.24	20.34	21.50
	16QAM	1	0	20.29	20.57	20.24	21.50
		1	38	20.31	20.61	20.28	21.50
		1	74	20.58	20.22	20.57	21.50
		36	0	19.22	19.36	19.27	20.50
		36	18	19.41	19.21	19.34	20.50
		36	39	19.35	19.23	19.32	20.50
		75	0	19.23	19.20	19.23	20.50
	64QAM	1	0	19.35	19.21	19.18	20.50
		1	38	19.27	19.50	19.17	20.50
		1	74	19.55	19.23	19.54	20.50
		36	0	18.21	18.27	18.23	19.50
		36	18	18.33	18.24	18.19	19.50
		36	39	18.36	18.17	18.25	19.50
		75	0	18.24	18.22	18.29	19.50
	256QAM	1	0	16.25	16.35	16.16	17.50
		1	38	16.38	16.42	16.36	17.50
		1	74	16.32	16.23	16.54	17.50
		36	0	16.19	16.33	16.23	17.50
		36	18	16.17	16.33	16.21	17.50
		36	39	16.21	16.24	16.16	17.50
		75	0	16.30	16.19	16.26	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	



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20MHz	QPSK	1	0	21.20	21.20	21.30	22.50
		1	50	21.34	21.25	21.10	22.50
		1	99	21.40	21.14	21.31	22.50
		50	0	20.12	20.25	20.14	21.50
		50	25	20.12	20.27	20.25	21.50
		50	50	20.18	20.16	20.29	21.50
		100	0	20.24	20.27	20.28	21.50
	16QAM	1	0	20.35	20.59	20.23	21.50
		1	50	20.38	20.62	20.25	21.50
		1	99	20.53	20.30	20.54	21.50
		50	0	19.12	19.26	19.21	20.50
		50	25	19.34	19.25	19.25	20.50
		50	50	19.28	19.27	19.32	20.50
		100	0	19.19	19.26	19.23	20.50
	64QAM	1	0	19.34	19.29	19.12	20.50
		1	50	19.30	19.43	19.27	20.50
		1	99	19.53	19.29	19.50	20.50
		50	0	18.15	18.24	18.21	19.50
		50	25	18.25	18.24	18.24	19.50
		50	50	18.33	18.22	18.30	19.50
		100	0	18.23	18.32	18.24	19.50
	256QAM	1	0	16.22	16.42	16.26	17.50
		1	50	16.29	16.39	16.27	17.50
		1	99	16.41	16.27	16.47	17.50
		50	0	16.12	16.30	16.17	17.50
		50	25	16.23	16.24	16.24	17.50
		50	50	16.29	16.27	16.15	17.50
		100	0	16.25	16.26	16.22	17.50



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LTE Band 2 Eci3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	13.29	13.32	13.13	14.50
		1	2	13.34	13.25	13.18	14.50
		1	5	13.31	13.12	13.35	14.50
		3	0	13.15	13.30	13.17	14.50
		3	2	13.31	13.23	13.16	14.50
		3	3	13.24	13.20	13.29	14.50
		6	0	13.16	13.20	13.23	14.50
	16QAM	1	0	13.37	13.25	13.14	14.50
		1	2	13.39	13.50	13.33	14.50
		1	5	13.41	13.27	13.45	14.50
		3	0	13.12	13.24	13.11	14.50
		3	2	13.29	13.21	13.26	14.50
		3	3	13.28	13.25	13.35	14.50
		6	0	13.18	13.20	13.18	14.50
	64QAM	1	0	13.25	13.27	13.13	14.50
		1	2	13.21	13.24	13.25	14.50
		1	5	13.40	13.16	13.37	14.50
		3	0	13.16	13.31	13.12	14.50
		3	2	13.21	13.22	13.27	14.50
		3	3	13.22	13.23	13.24	14.50
		6	0	13.24	13.31	13.19	14.50
	256QAM	1	0	13.27	13.32	13.24	14.50
		1	2	13.45	13.23	13.26	14.50
		1	5	13.41	13.30	13.38	14.50
		3	0	13.13	13.29	13.12	14.50
		3	2	13.17	13.24	13.22	14.50
		3	3	13.24	13.22	13.30	14.50
		6	0	13.19	13.24	13.24	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	13.38	13.20	13.03	14.50
		1	7	13.38	13.22	13.17	14.50
		1	14	13.23	13.12	13.26	14.50
		8	0	13.01	13.25	13.09	14.50
		8	4	13.15	13.22	13.24	14.50



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		8	7	13.33	13.31	13.28	14.50
		15	0	13.25	13.24	13.20	14.50
	16QAM	1	0	13.37	13.14	13.19	14.50
		1	7	13.38	13.44	13.37	14.50
		1	14	13.42	13.10	13.41	14.50
		8	0	13.09	13.26	13.10	14.50
		8	4	13.28	13.30	13.19	14.50
		8	7	13.14	13.22	13.17	14.50
		15	0	13.15	13.20	13.22	14.50
	64QAM	1	0	13.26	13.18	13.09	14.50
		1	7	13.21	13.24	13.23	14.50
		1	14	13.32	13.05	13.42	14.50
		8	0	13.13	13.31	13.07	14.50
		8	4	13.11	13.14	13.19	14.50
		8	7	13.17	13.24	13.17	14.50
		15	0	13.18	13.29	13.08	14.50
	256QAM	1	0	13.22	13.27	13.26	14.50
		1	7	13.45	13.19	13.36	14.50
		1	14	13.34	13.17	13.36	14.50
		8	0	13.12	13.20	13.07	14.50
		8	4	13.26	13.16	13.20	14.50
		8	7	13.29	13.28	13.29	14.50
		15	0	13.04	13.23	13.27	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	13.21	13.15	13.14	14.50
		1	13	13.22	13.37	13.06	14.50
		1	24	13.21	13.16	13.21	14.50
		12	0	13.01	13.18	13.19	14.50
		12	6	13.21	13.32	13.07	14.50
		12	13	13.24	13.23	13.18	14.50
		25	0	13.23	13.28	13.22	14.50
	16QAM	1	0	13.41	13.27	13.11	14.50
		1	13	13.30	13.43	13.35	14.50
		1	24	13.36	13.27	13.43	14.50
		12	0	13.10	13.31	13.08	14.50
		12	6	13.30	13.18	13.08	14.50
		12	13	13.25	13.28	13.34	14.50
		25	0	13.11	13.24	13.27	14.50



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	64QAM	1	0	13.24	13.34	13.10	14.50
		1	13	13.16	13.14	13.17	14.50
		1	24	13.34	13.22	13.40	14.50
		12	0	13.04	13.26	13.03	14.50
		12	6	13.28	13.29	13.28	14.50
		12	13	13.32	13.16	13.27	14.50
		25	0	13.07	13.28	13.18	14.50
	256QAM	1	0	13.13	13.27	13.15	14.50
		1	13	13.38	13.22	13.33	14.50
		1	24	13.42	13.22	13.33	14.50
		12	0	13.10	13.14	13.19	14.50
		12	6	13.23	13.11	13.24	14.50
		12	13	13.16	13.13	13.24	14.50
		25	0	13.17	13.24	13.14	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	13.27	13.32	13.14	14.50
		1	25	13.40	13.24	13.13	14.50
		1	49	13.15	13.11	13.26	14.50
		25	0	13.15	13.28	13.04	14.50
		25	13	13.24	13.25	13.24	14.50
		25	25	13.16	13.18	13.28	14.50
		50	0	13.19	13.13	13.25	14.50
	16QAM	1	0	13.47	13.20	13.22	14.50
		1	25	13.30	13.45	13.30	14.50
		1	49	13.42	13.23	13.49	14.50
		25	0	13.10	13.33	13.05	14.50
		25	13	13.25	13.28	13.23	14.50
		25	25	13.17	13.22	13.21	14.50
		50	0	13.19	13.10	13.25	14.50
	64QAM	1	0	13.28	13.24	13.15	14.50
		1	25	13.18	13.21	13.24	14.50
		1	49	13.36	13.13	13.31	14.50
		25	0	13.02	13.14	13.06	14.50
		25	13	13.14	13.14	13.31	14.50
		25	25	13.30	13.20	13.27	14.50
		50	0	13.14	13.17	13.10	14.50
	256QAM	1	0	13.21	13.40	13.25	14.50
		1	25	13.45	13.22	13.23	14.50



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		1	49	13.38	13.14	13.33	14.50
		25	0	13.03	13.18	13.18	14.50
		25	13	13.18	13.22	13.23	14.50
		25	25	13.11	13.09	13.31	14.50
		50	0	13.04	13.26	13.23	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	13.39	13.34	13.03	14.50
		1	38	13.28	13.29	13.07	14.50
		1	74	13.19	13.17	13.27	14.50
		36	0	13.10	13.28	13.03	14.50
		36	18	13.30	13.29	13.17	14.50
		36	39	13.33	13.21	13.31	14.50
		75	0	13.11	13.16	13.11	14.50
	16QAM	1	0	13.45	13.29	13.06	14.50
		1	38	13.38	13.51	13.42	14.50
		1	74	13.51	13.11	13.46	14.50
		36	0	13.04	13.15	13.03	14.50
		36	18	13.20	13.28	13.25	14.50
		36	39	13.30	13.10	13.25	14.50
		75	0	13.20	13.21	13.29	14.50
	64QAM	1	0	13.11	13.28	13.14	14.50
		1	38	13.27	13.18	13.23	14.50
		1	74	13.23	13.11	13.32	14.50
		36	0	13.21	13.13	13.03	14.50
		36	18	13.31	13.32	13.18	14.50
		36	39	13.26	13.11	13.22	14.50
		75	0	13.07	13.27	13.15	14.50
	256QAM	1	0	13.14	13.27	13.15	14.50
		1	38	13.43	13.33	13.22	14.50
		1	74	13.34	13.25	13.24	14.50
		36	0	13.12	13.26	13.15	14.50
		36	18	13.10	13.20	13.17	14.50
		36	39	13.11	13.17	13.37	14.50
		75	0	13.23	13.17	13.16	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	13.23	13.24	13.09	14.50
		1	50	13.30	13.27	13.09	14.50



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		1	99	13.31	13.09	13.25	14.50
		50	0	13.05	13.23	13.13	14.50
		50	25	13.23	13.25	13.17	14.50
		50	50	13.23	13.24	13.27	14.50
		100	0	13.15	13.21	13.22	14.50
	16QAM	1	0	13.39	13.21	13.13	14.50
		1	50	13.38	13.41	13.34	14.50
		1	99	13.41	13.19	13.40	14.50
		50	0	13.08	13.23	13.12	14.50
		50	25	13.21	13.22	13.17	14.50
		50	50	13.21	13.20	13.27	14.50
		100	0	13.15	13.18	13.19	14.50
	64QAM	1	0	13.18	13.27	13.09	14.50
		1	50	13.23	13.22	13.24	14.50
		1	99	13.31	13.12	13.34	14.50
		50	0	13.07	13.23	13.12	14.50
		50	25	13.21	13.22	13.21	14.50
		50	50	13.22	13.20	13.25	14.50
		100	0	13.14	13.23	13.17	14.50
	256QAM	1	0	13.18	13.32	13.17	14.50
		1	50	13.35	13.24	13.28	14.50
		1	99	13.36	13.20	13.30	14.50
		50	0	13.03	13.20	13.14	14.50
		50	25	13.17	13.20	13.16	14.50
		50	50	13.21	13.18	13.27	14.50
		100	0	13.14	13.20	13.17	14.50



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LTE Band 2 Eci2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	11.78	11.80	11.67	13.00
		1	2	11.95	11.93	11.76	13.00
		1	5	11.89	11.79	11.97	13.00
		3	0	11.71	11.82	11.76	13.00
		3	2	11.88	11.91	11.86	13.00
		3	3	11.88	11.93	11.85	13.00
		6	0	11.76	11.86	11.83	13.00
	16QAM	1	0	12.13	11.97	11.72	13.00
		1	2	12.14	12.02	11.95	13.00
		1	5	12.12	11.84	12.01	13.00
		3	0	11.72	11.90	11.79	13.00
		3	2	11.83	11.82	11.86	13.00
		3	3	11.92	11.90	11.85	13.00
		6	0	11.79	11.92	11.85	13.00
	64QAM	1	0	11.95	11.96	11.75	13.00
		1	2	11.99	12.00	11.92	13.00
		1	5	11.95	11.75	12.01	13.00
		3	0	11.77	11.89	11.76	13.00
		3	2	11.87	11.89	11.87	13.00
		3	3	11.90	11.88	11.94	13.00
		6	0	11.87	11.92	11.83	13.00
	256QAM	1	0	11.95	11.91	11.81	13.00
		1	2	11.79	11.96	11.90	13.00
		1	5	12.03	11.76	11.96	13.00
		3	0	11.77	11.97	11.74	13.00
		3	2	11.92	11.85	11.90	13.00
		3	3	11.92	11.81	11.85	13.00
		6	0	11.86	11.84	11.78	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	11.67	11.79	11.59	13.00
		1	7	11.90	11.77	11.70	13.00
		1	14	11.78	11.69	11.81	13.00
		8	0	11.73	11.94	11.67	13.00
		8	4	11.79	11.75	11.76	13.00



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		8	7	11.79	11.91	11.82	13.00
		15	0	11.72	11.92	11.84	13.00
	16QAM	1	0	11.96	11.96	11.83	13.00
		1	7	12.12	11.87	11.95	13.00
		1	14	12.05	11.84	11.91	13.00
		8	0	11.58	11.77	11.83	13.00
		8	4	11.94	11.83	11.91	13.00
		8	7	11.86	11.88	11.86	13.00
		15	0	11.70	11.89	11.80	13.00
	64QAM	1	0	11.98	12.00	11.75	13.00
		1	7	11.98	11.91	11.84	13.00
		1	14	11.95	11.77	11.96	13.00
		8	0	11.60	11.76	11.83	13.00
		8	4	11.75	11.88	11.78	13.00
		8	7	11.87	11.85	11.88	13.00
		15	0	11.77	11.87	11.85	13.00
	256QAM	1	0	11.87	11.85	11.86	13.00
		1	7	11.72	11.88	11.96	13.00
		1	14	12.07	11.76	11.96	13.00
		8	0	11.74	11.89	11.64	13.00
		8	4	11.82	11.81	11.92	13.00
		8	7	11.83	11.82	11.93	13.00
		15	0	11.82	11.81	11.75	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	11.80	11.75	11.58	13.00
		1	13	11.92	11.80	11.83	13.00
		1	24	11.82	11.59	11.90	13.00
		12	0	11.82	11.89	11.72	13.00
		12	6	11.82	11.82	11.93	13.00
		12	13	11.85	11.81	11.89	13.00
		25	0	11.82	11.85	11.81	13.00
	16QAM	1	0	12.13	11.78	11.72	13.00
		1	13	12.25	11.89	11.92	13.00
		1	24	12.17	11.81	11.93	13.00
		12	0	11.74	11.75	11.73	13.00
		12	6	11.90	11.73	11.83	13.00
		12	13	11.77	11.90	11.81	13.00
		25	0	11.71	11.79	11.86	13.00



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	64QAM	1	0	11.83	11.84	11.60	13.00
		1	13	12.08	11.90	11.92	13.00
		1	24	11.89	11.67	11.99	13.00
		12	0	11.79	11.81	11.64	13.00
		12	6	11.85	11.87	11.80	13.00
		12	13	11.80	11.86	11.81	13.00
		25	0	11.72	11.93	11.77	13.00
	256QAM	1	0	11.79	11.88	11.75	13.00
		1	13	11.71	11.95	11.97	13.00
		1	24	12.02	11.66	11.82	13.00
		12	0	11.73	11.81	11.65	13.00
		12	6	11.85	11.73	11.88	13.00
		12	13	11.75	11.70	11.81	13.00
		25	0	11.75	11.77	11.70	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	11.67	11.89	11.64	13.00
		1	25	11.88	11.79	11.80	13.00
		1	49	11.86	11.75	11.77	13.00
		25	0	11.80	11.76	11.70	13.00
		25	13	11.81	11.79	11.76	13.00
		25	25	11.73	11.76	11.77	13.00
		50	0	11.73	11.91	11.75	13.00
	16QAM	1	0	12.03	11.79	11.77	13.00
		1	25	12.17	11.98	11.82	13.00
		1	49	12.14	11.92	11.89	13.00
		25	0	11.69	11.76	11.78	13.00
		25	13	11.92	11.92	11.74	13.00
		25	25	11.91	11.83	11.90	13.00
		50	0	11.83	11.91	11.93	13.00
	64QAM	1	0	11.83	11.91	11.66	13.00
		1	25	11.97	12.03	11.77	13.00
		1	49	11.94	11.69	11.86	13.00
		25	0	11.64	11.93	11.76	13.00
		25	13	11.86	11.91	11.90	13.00
		25	25	11.89	11.83	11.93	13.00
		50	0	11.78	11.79	11.72	13.00
	256QAM	1	0	11.90	11.89	11.74	13.00
		1	25	11.77	11.98	11.88	13.00



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		1	49	11.95	11.74	12.00	13.00
		25	0	11.74	11.82	11.74	13.00
		25	13	11.94	11.82	11.76	13.00
		25	25	11.83	11.83	11.90	13.00
		50	0	11.75	11.75	11.83	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	11.63	11.83	11.67	13.00
		1	38	11.96	11.79	11.82	13.00
		1	74	11.89	11.68	11.93	13.00
		36	0	11.79	11.94	11.67	13.00
		36	18	11.93	11.86	11.90	13.00
		36	39	11.81	11.74	11.96	13.00
		75	0	11.79	11.92	11.74	13.00
	16QAM	1	0	12.11	11.82	11.72	13.00
		1	38	12.13	11.94	11.86	13.00
		1	74	12.08	11.81	11.89	13.00
		36	0	11.71	11.89	11.79	13.00
		36	18	11.77	11.92	11.93	13.00
		36	39	11.81	11.83	11.91	13.00
		75	0	11.88	11.86	11.78	13.00
	64QAM	1	0	11.80	11.97	11.71	13.00
		1	38	11.88	11.97	11.88	13.00
		1	74	11.84	11.82	11.86	13.00
		36	0	11.79	11.81	11.65	13.00
		36	18	11.90	11.75	11.81	13.00
		36	39	11.91	11.84	11.95	13.00
		75	0	11.81	11.82	11.87	13.00
	256QAM	1	0	11.82	11.90	11.75	13.00
		1	38	11.73	11.86	11.87	13.00
		1	74	12.03	11.77	11.99	13.00
		36	0	11.67	11.84	11.75	13.00
		36	18	11.92	11.75	11.80	13.00
		36	39	11.91	11.85	11.75	13.00
		75	0	11.86	11.93	11.70	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	11.70	11.80	11.59	13.00
		1	50	11.86	11.86	11.75	13.00



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		1	99	11.88	11.69	11.91	13.00
		50	0	11.73	11.84	11.77	13.00
		50	25	11.85	11.85	11.84	13.00
		50	50	11.86	11.84	11.90	13.00
		100	0	11.77	11.83	11.83	13.00
	16QAM	1	0	12.03	11.88	11.74	13.00
		1	50	12.15	11.95	11.88	13.00
		1	99	12.08	11.86	11.97	13.00
		50	0	11.68	11.85	11.75	13.00
		50	25	11.84	11.82	11.83	13.00
		50	50	11.86	11.85	11.86	13.00
		100	0	11.78	11.83	11.83	13.00
	64QAM	1	0	11.88	11.91	11.70	13.00
		1	50	11.98	11.98	11.84	13.00
		1	99	11.94	11.73	11.93	13.00
		50	0	11.69	11.84	11.74	13.00
		50	25	11.85	11.85	11.82	13.00
		50	50	11.87	11.85	11.87	13.00
		100	0	11.78	11.84	11.80	13.00
	256QAM	1	0	11.88	11.93	11.76	13.00
		1	50	11.72	11.94	11.91	13.00
		1	99	11.98	11.75	11.91	13.00
		50	0	11.69	11.89	11.74	13.00
		50	25	11.85	11.81	11.83	13.00
		50	50	11.83	11.80	11.84	13.00
		100	0	11.76	11.84	11.79	13.00



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LTE Band 2 Eci7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	10.23	10.26	10.15	11.50
		1	2	10.38	10.28	10.28	11.50
		1	5	10.37	10.09	10.34	11.50
		3	0	10.30	10.36	10.31	11.50
		3	2	10.37	10.33	10.37	11.50
		3	3	10.41	10.44	10.40	11.50
		6	0	10.26	10.38	10.32	11.50
	16QAM	1	0	10.38	10.39	10.26	11.50
		1	2	10.50	10.57	10.33	11.50
		1	5	10.65	10.29	10.54	11.50
		3	0	10.22	10.41	10.29	11.50
		3	2	10.34	10.40	10.37	11.50
		3	3	10.29	10.43	10.38	11.50
		6	0	10.26	10.37	10.26	11.50
	64QAM	1	0	10.29	10.41	10.34	11.50
		1	2	10.39	10.52	10.35	11.50
		1	5	10.45	10.24	10.38	11.50
		3	0	10.29	10.40	10.26	11.50
		3	2	10.37	10.37	10.31	11.50
		3	3	10.38	10.39	10.42	11.50
		6	0	10.22	10.42	10.40	11.50
	256QAM	1	0	10.32	10.45	10.20	11.50
		1	2	10.50	10.50	10.42	11.50
		1	5	10.46	10.26	10.47	11.50
		3	0	10.23	10.39	10.22	11.50
		3	2	10.33	10.34	10.33	11.50
		3	3	10.35	10.36	10.41	11.50
		6	0	10.31	10.34	10.36	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	10.22	10.32	10.10	11.50
		1	7	10.41	10.35	10.26	11.50
		1	14	10.33	10.13	10.41	11.50
		8	0	10.20	10.30	10.26	11.50
		8	4	10.41	10.35	10.30	11.50



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		8	7	10.36	10.42	10.42	11.50
		15	0	10.31	10.34	10.28	11.50
	16QAM	1	0	10.42	10.50	10.32	11.50
		1	7	10.49	10.45	10.45	11.50
		1	14	10.62	10.33	10.55	11.50
		8	0	10.24	10.42	10.28	11.50
		8	4	10.30	10.39	10.32	11.50
		8	7	10.33	10.43	10.42	11.50
		15	0	10.26	10.35	10.37	11.50
	64QAM	1	0	10.36	10.41	10.32	11.50
		1	7	10.40	10.45	10.40	11.50
		1	14	10.51	10.23	10.50	11.50
		8	0	10.23	10.38	10.29	11.50
		8	4	10.33	10.32	10.43	11.50
		8	7	10.40	10.33	10.38	11.50
		15	0	10.32	10.33	10.30	11.50
	256QAM	1	0	10.35	10.44	10.25	11.50
		1	7	10.53	10.51	10.50	11.50
		1	14	10.49	10.26	10.50	11.50
		8	0	10.20	10.40	10.22	11.50
		8	4	10.38	10.40	10.35	11.50
		8	7	10.39	10.34	10.37	11.50
		15	0	10.31	10.35	10.27	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	10.25	10.23	10.16	11.50
		1	13	10.34	10.24	10.27	11.50
		1	24	10.32	10.07	10.41	11.50
		12	0	10.21	10.31	10.28	11.50
		12	6	10.42	10.33	10.31	11.50
		12	13	10.34	10.40	10.46	11.50
		25	0	10.31	10.38	10.31	11.50
	16QAM	1	0	10.42	10.46	10.30	11.50
		1	13	10.56	10.45	10.34	11.50
		1	24	10.54	10.27	10.48	11.50
		12	0	10.33	10.32	10.22	11.50
		12	6	10.32	10.31	10.36	11.50
		12	13	10.33	10.38	10.40	11.50
		25	0	10.17	10.31	10.30	11.50



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	64QAM	1	0	10.31	10.39	10.30	11.50
		1	13	10.48	10.43	10.40	11.50
		1	24	10.49	10.29	10.41	11.50
		12	0	10.22	10.33	10.27	11.50
		12	6	10.40	10.32	10.37	11.50
		12	13	10.36	10.33	10.31	11.50
		25	0	10.25	10.34	10.34	11.50
	256QAM	1	0	10.37	10.40	10.28	11.50
		1	13	10.46	10.53	10.47	11.50
		1	24	10.47	10.29	10.45	11.50
		12	0	10.22	10.46	10.21	11.50
		12	6	10.31	10.35	10.38	11.50
		12	13	10.32	10.32	10.33	11.50
		25	0	10.29	10.43	10.30	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	10.22	10.25	10.17	11.50
		1	25	10.33	10.33	10.33	11.50
		1	49	10.36	10.10	10.41	11.50
		25	0	10.25	10.37	10.28	11.50
		25	13	10.34	10.25	10.35	11.50
		25	25	10.39	10.40	10.43	11.50
		50	0	10.27	10.29	10.30	11.50
	16QAM	1	0	10.43	10.45	10.36	11.50
		1	25	10.48	10.57	10.37	11.50
		1	49	10.60	10.30	10.52	11.50
		25	0	10.21	10.41	10.24	11.50
		25	13	10.39	10.38	10.35	11.50
		25	25	10.35	10.41	10.39	11.50
		50	0	10.25	10.40	10.34	11.50
	64QAM	1	0	10.36	10.29	10.29	11.50
		1	25	10.45	10.43	10.37	11.50
		1	49	10.50	10.23	10.42	11.50
		25	0	10.22	10.43	10.24	11.50
		25	13	10.33	10.32	10.36	11.50
		25	25	10.37	10.35	10.33	11.50
		50	0	10.26	10.39	10.37	11.50
	256QAM	1	0	10.28	10.49	10.32	11.50
		1	25	10.52	10.51	10.41	11.50



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		1	49	10.40	10.26	10.44	11.50
		25	0	10.23	10.45	10.19	11.50
		25	13	10.32	10.41	10.32	11.50
		25	25	10.32	10.40	10.40	11.50
		50	0	10.29	10.43	10.27	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	10.27	10.25	10.09	11.50
		1	38	10.38	10.29	10.28	11.50
		1	74	10.41	10.08	10.35	11.50
		36	0	10.24	10.27	10.23	11.50
		36	18	10.40	10.36	10.29	11.50
		36	39	10.38	10.38	10.47	11.50
		75	0	10.35	10.38	10.27	11.50
	16QAM	1	0	10.44	10.51	10.32	11.50
		1	38	10.50	10.47	10.33	11.50
		1	74	10.61	10.31	10.54	11.50
		36	0	10.25	10.41	10.27	11.50
		36	18	10.32	10.30	10.31	11.50
		36	39	10.31	10.32	10.30	11.50
		75	0	10.28	10.38	10.38	11.50
	64QAM	1	0	10.26	10.36	10.24	11.50
		1	38	10.47	10.44	10.44	11.50
		1	74	10.45	10.21	10.44	11.50
		36	0	10.22	10.41	10.28	11.50
		36	18	10.33	10.35	10.43	11.50
		36	39	10.35	10.39	10.42	11.50
		75	0	10.31	10.45	10.39	11.50
	256QAM	1	0	10.34	10.42	10.21	11.50
		1	38	10.52	10.49	10.49	11.50
		1	74	10.43	10.35	10.54	11.50
		36	0	10.22	10.46	10.29	11.50
		36	18	10.37	10.32	10.33	11.50
		36	39	10.30	10.37	10.36	11.50
		75	0	10.34	10.40	10.37	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	10.24	10.22	10.08	11.50
		1	50	10.32	10.26	10.26	11.50



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		1	99	10.35	10.08	10.34	11.50
		50	0	10.22	10.28	10.25	11.50
		50	25	10.34	10.27	10.30	11.50
		50	50	10.35	10.35	10.37	11.50
		100	0	10.27	10.31	10.29	11.50
	16QAM	1	0	10.34	10.41	10.26	11.50
		1	50	10.47	10.47	10.35	11.50
		1	99	10.56	10.27	10.45	11.50
		50	0	10.23	10.34	10.21	11.50
		50	25	10.30	10.32	10.32	11.50
		50	50	10.29	10.34	10.32	11.50
		100	0	10.18	10.32	10.28	11.50
	64QAM	1	0	10.28	10.31	10.26	11.50
		1	50	10.41	10.42	10.37	11.50
		1	99	10.46	10.21	10.40	11.50
		50	0	10.21	10.33	10.25	11.50
		50	25	10.34	10.34	10.33	11.50
		50	50	10.34	10.30	10.33	11.50
		100	0	10.23	10.35	10.31	11.50
	256QAM	1	0	10.27	10.41	10.22	11.50
		1	50	10.46	10.45	10.42	11.50
		1	99	10.39	10.25	10.46	11.50
		50	0	10.13	10.36	10.20	11.50
		50	25	10.30	10.34	10.34	11.50
		50	50	10.32	10.30	10.34	11.50
		100	0	10.26	10.33	10.29	11.50



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