

# Appendix E

## Conducted RF Output Power

Measurement of RF conducted Power
1 Conducted Power of Main Antenna (Ant13)
1.1 Conducted Power of GSM
1.2 Conducted Power of WCDMA
1.3 Conducted Power of LTE
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2.1 Conducted Power of GSM
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2.3 Conducted Power of LTE
3 Conducted Power of Intra Band LTE Uplink CA
3.1 Conducted Power of LTE Uplink CA (Ant13)
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4.1 Conducted Power of LTE Downlink CA (Ant13)
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5 Conducted Power of WiFi and Bluetooth
5.1 Conducted Power of 2.4GWiFi
5.2 Conducted Power of 5GWiFi
5.3 Conducted Power of Bluetooth

**Note:**

1)

DSI	Trigger Conditions	Antenna No.
DSI2	Receiver on	All ant
DSI3	Receiver on+WLAN	All ant
DSI4	Receiver off/Sensor on	Ant 13
	Receiver off	Ant 31
DSI5	Receiver off/Sensor on+WLAN	Ant 13
	Receiver off + WLAN	Ant 31
DSI6	Receiver off/Sensor off+WLAN	Ant 13
	Hotspot	All Ant
DSI7	Receiver off/Sensor off	Ant 13

2) When the user makes a call in the head scene and triggers the sensor distance mechanism, GSM1900, WCDMA B2/4 and LTE B2/4/7/38/41/66 at Antenna 13 cannot be transmitted, so the conducted power test of DSI2/3 for GSM1900, WCDMA B2/4 and LTE B2/4/7/38/41/66 at Antenna 13 were not required.

## Measurement of RF conducted Power

### 1 Conducted Power of Main Antenna (Ant13)

#### 1.1 Conducted Power of GSM

GSM 850 DSI 2										
		Burst Output Power(dBm)				Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	28.85	29.25	28.90	30.00	-9.19	19.66	20.06	19.71	20.81
GPRS (GMSK)	1 TX Slot	29.01	29.32	29.09	30.00	-9.19	19.82	20.13	19.90	20.81
	2 TX Slots	26.52	26.95	26.45	27.90	-6.18	20.34	20.77	20.27	21.72
	3 TX Slots	23.92	24.62	23.86	25.50	-4.42	19.50	20.20	19.44	21.08
	4 TX Slots	22.47	22.78	22.45	23.90	-3.17	19.30	19.61	19.28	20.73
EGPRS (GMSK)	1 TX Slot	29.00	29.22	29.03	30.00	-9.19	19.81	20.03	19.84	20.81
	2 TX Slots	26.33	26.88	26.56	27.90	-6.18	20.15	20.70	20.38	21.72
	3 TX Slots	23.78	24.55	23.96	25.50	-4.42	19.36	20.13	19.54	21.08
	4 TX Slots	22.36	22.73	22.48	23.90	-3.17	19.19	19.56	19.31	20.73
EGPRS (8PSK)	1 TX Slot	26.31	26.81	26.34	28.00	-9.19	17.12	17.62	17.15	18.81
	2 TX Slots	24.70	25.25	24.76	26.00	-6.18	18.52	19.07	18.58	19.82
	3 TX Slots	22.53	22.99	22.64	24.00	-4.42	18.11	18.57	18.22	19.58
	4 TX Slots	20.89	21.23	20.95	22.00	-3.17	17.72	18.06	17.78	18.83

GSM 850 DSI 3										
		Burst Output Power(dBm)				Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	28.06	28.24	28.10	29.00	-9.19	18.87	19.05	18.91	19.81
GPRS (GMSK)	1 TX Slot	28.01	28.10	28.04	29.00	-9.19	18.82	18.91	18.85	19.81
	2 TX Slots	25.51	25.92	25.53	26.90	-6.18	19.33	19.74	19.35	20.72
	3 TX Slots	23.01	23.34	23.15	24.50	-4.42	18.59	18.92	18.73	20.08
	4 TX Slots	21.86	22.10	22.11	22.90	-3.17	18.69	18.93	18.94	19.73
EGPRS (GMSK)	1 TX Slot	27.85	27.71	27.81	29.00	-9.19	18.66	18.52	18.62	19.81
	2 TX Slots	25.53	25.56	25.68	26.90	-6.18	19.35	19.38	19.50	20.72
	3 TX Slots	23.07	23.01	23.09	24.50	-4.42	18.65	18.59	18.67	20.08
	4 TX Slots	22.03	21.91	21.98	22.90	-3.17	18.86	18.74	18.81	19.73
EGPRS (8PSK)	1 TX Slot	26.31	26.81	26.34	28.00	-9.19	17.12	17.62	17.15	18.81
	2 TX Slots	24.70	25.25	24.76	26.00	-6.18	18.52	19.07	18.58	19.82
	3 TX Slots	22.53	22.99	22.64	24.00	-4.42	18.11	18.57	18.22	19.58
	4 TX Slots	20.89	21.23	20.95	22.00	-3.17	17.72	18.06	17.78	18.83

GSM 850 DSI 47										
		Burst Output Power(dBm)				Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	33.17	33.27	32.84	34.50	-9.19	23.98	24.08	23.65	25.31
GPRS (GMSK)	1 TX Slot	33.13	33.30	32.75	34.50	-9.19	23.94	24.11	23.56	25.31
	2 TX Slots	30.78	31.20	30.68	32.40	-6.18	24.60	25.02	24.50	26.22
	3 TX Slots	28.52	28.90	28.42	30.00	-4.42	24.10	24.48	24.00	25.58
	4 TX Slots	26.89	27.26	26.94	28.40	-3.17	23.72	24.09	23.77	25.23
EGPRS (GMSK)	1 TX Slot	33.08	33.38	32.77	34.50	-9.19	23.89	24.19	23.58	25.31
	2 TX Slots	30.70	31.20	30.68	32.40	-6.18	24.52	25.02	24.50	26.22
	3 TX Slots	28.45	28.90	28.45	30.00	-4.42	24.03	24.48	24.03	25.58
	4 TX Slots	27.04	27.24	26.87	28.40	-3.17	23.87	24.07	23.70	25.23
EGPRS (8PSK)	1 TX Slot	26.31	26.81	26.34	28.00	-9.19	17.12	17.62	17.15	18.81
	2 TX Slots	24.70	25.25	24.76	26.00	-6.18	18.52	19.07	18.58	19.82
	3 TX Slots	22.53	22.99	22.64	24.00	-4.42	18.11	18.57	18.22	19.58
	4 TX Slots	20.89	21.23	20.95	22.00	-3.17	17.72	18.06	17.78	18.83

GSM 850 DSI 5/6										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	33.00	33.06	32.66	34.00	-9.19	23.81	23.87	23.47	24.81
GPRS (GMSK)	1 TX Slot	33.07	33.33	32.71	34.00	-9.19	23.88	24.14	23.52	24.81
	2 TX Slots	30.65	31.03	30.35	31.90	-6.18	24.47	24.85	24.17	25.72
	3 TX Slots	28.36	28.63	28.07	29.50	-4.42	23.94	24.21	23.65	25.08
	4 TX Slots	26.05	26.46	26.12	27.90	-3.17	22.88	23.29	22.95	24.73
EGPRS (GMSK)	1 TX Slot	33.17	32.96	32.60	34.00	-9.19	23.98	23.77	23.41	24.81
	2 TX Slots	30.68	30.45	30.74	31.90	-6.18	24.50	24.27	24.56	25.72
	3 TX Slots	28.34	28.12	28.35	29.50	-4.42	23.92	23.70	23.93	25.08
	4 TX Slots	26.33	26.25	26.36	27.90	-3.17	23.16	23.08	23.19	24.73
EGPRS (8PSK)	1 TX Slot	26.31	26.81	26.34	28.00	-9.19	17.12	17.62	17.15	18.81
	2 TX Slots	24.70	25.25	24.76	26.00	-6.18	18.52	19.07	18.58	19.82
	3 TX Slots	22.53	22.99	22.64	24.00	-4.42	18.11	18.57	18.22	19.58
	4 TX Slots	20.89	21.23	20.95	22.00	-3.17	17.72	18.06	17.78	18.83

GSM 1900 DSI 4										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	26.20	26.38	26.69	27.40	-9.19	17.01	17.19	17.50	18.21
GPRS (GMSK)	1 TX Slot	26.21	26.42	26.68	27.40	-9.19	17.02	17.23	17.49	18.21
	2 TX Slots	24.28	24.27	24.46	25.50	-6.18	18.10	18.09	18.28	19.32
	3 TX Slots	22.08	22.13	22.34	23.40	-4.42	17.66	17.71	17.92	18.98
	4 TX Slots	20.40	20.17	20.68	21.60	-3.17	17.23	17.00	17.51	18.43
EGPRS (GMSK)	1 TX Slot	26.28	26.52	26.76	27.40	-9.19	17.09	17.33	17.57	18.21
	2 TX Slots	23.78	24.40	24.23	25.50	-6.18	17.60	18.22	18.05	19.32
	3 TX Slots	21.56	22.25	22.10	23.40	-4.42	17.14	17.83	17.68	18.98
	4 TX Slots	19.85	20.31	20.41	21.60	-3.17	16.68	17.14	17.24	18.43
EGPRS (8PSK)	1 TX Slot	25.07	25.56	25.53	26.50	-9.19	15.88	16.37	16.34	17.31
	2 TX Slots	22.97	23.65	23.40	24.50	-6.18	16.79	17.47	17.22	18.32
	3 TX Slots	21.01	21.45	21.23	22.50	-4.42	16.59	17.03	16.81	18.08
	4 TX Slots	20.13	19.70	19.50	21.00	-3.17	16.96	16.53	16.33	17.83

GSM 1900 DSI 5/6										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	25.30	25.49	25.75	26.40	-9.19	16.11	16.30	16.56	17.21
GPRS (GMSK)	1 TX Slot	25.22	25.45	25.70	26.40	-9.19	16.03	16.26	16.51	17.21
	2 TX Slots	23.19	23.33	23.65	24.50	-6.18	17.01	17.15	17.47	18.32
	3 TX Slots	21.07	21.11	21.47	22.40	-4.42	16.65	16.69	17.05	17.98
	4 TX Slots	19.33	19.21	19.76	20.60	-3.17	16.16	16.04	16.59	17.43
EGPRS (GMSK)	1 TX Slot	25.07	25.06	25.23	26.40	-9.19	15.88	15.87	16.04	17.21
	2 TX Slots	23.00	22.98	23.22	24.50	-6.18	16.82	16.80	17.04	18.32
	3 TX Slots	20.85	20.81	21.06	22.40	-4.42	16.43	16.39	16.64	17.98
	4 TX Slots	19.18	18.87	19.40	20.60	-3.17	16.01	15.70	16.23	17.43
EGPRS (8PSK)	1 TX Slot	24.32	24.23	24.52	25.50	-9.19	15.13	15.04	15.33	16.31
	2 TX Slots	22.12	22.15	22.54	23.50	-6.18	15.94	15.97	16.36	17.32
	3 TX Slots	20.15	19.82	20.27	21.50	-4.42	15.73	15.40	15.85	17.08
	4 TX Slots	18.47	18.24	18.66	20.00	-3.17	15.30	15.07	15.49	16.83

GSM 1900 DSI 7										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.48	29.61	29.86	30.90	-9.19	20.29	20.42	20.67	21.71
GPRS (GMSK)	1 TX Slot	29.41	29.71	29.81	30.90	-9.19	20.22	20.52	20.62	21.71
	2 TX Slots	27.77	27.55	27.90	29.00	-6.18	21.59	21.37	21.72	22.82
	3 TX Slots	25.48	25.51	25.79	26.90	-4.42	21.06	21.09	21.37	22.48
	4 TX Slots	23.72	23.71	23.99	25.10	-3.17	20.55	20.54	20.82	21.93
EGPRS (GMSK)	1 TX Slot	29.38	29.46	29.51	30.90	-9.19	20.19	20.27	20.32	21.71
	2 TX Slots	27.53	27.24	27.91	29.00	-6.18	21.35	21.06	21.73	22.82
	3 TX Slots	25.32	25.32	25.81	26.90	-4.42	20.90	20.90	21.39	22.48
	4 TX Slots	23.56	23.54	24.43	25.10	-3.17	20.39	20.37	21.26	21.93
EGPRS (8PSK)	1 TX Slot	25.07	25.00	25.36	27.00	-9.19	15.88	15.81	16.17	17.81
	2 TX Slots	23.54	23.24	23.75	25.00	-6.18	17.36	17.06	17.57	18.82
	3 TX Slots	21.57	21.18	21.67	23.00	-4.42	17.15	16.76	17.25	18.58
	4 TX Slots	19.84	19.60	19.84	21.50	-3.17	16.67	16.43	16.67	18.33

## 1.2 Conducted Power of WCDMA

WCDMA Band II DSI 4					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	17.58	17.64	17.6	18.50
	12.2kbps AMR	17.57	17.58	17.56	18.50
HSDPA	Subtest 1	16.40	16.47	16.44	17.50
	Subtest 2	16.54	16.50	16.48	17.50
	Subtest 3	15.97	16.09	16.05	17.00
	Subtest 4	16.00	16.00	15.99	17.00
HSUPA	Subtest 1	16.45	16.51	16.46	17.50
	Subtest 2	14.46	14.41	14.42	15.50
	Subtest 3	15.58	15.53	15.51	16.50
	Subtest 4	14.45	14.43	14.36	15.50
DC-HSDPA	Subtest 1	16.40	16.43	16.59	17.50
	Subtest 2	16.39	16.61	16.56	17.50
	Subtest 3	15.85	16.14	15.98	17.00
	Subtest 4	15.93	15.85	15.87	17.00
HSPA+	16QAM	15.60	15.55	15.50	16.50

WCDMA Band II DSI 5/6					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	16.07	16.18	16.1	17.00
	12.2kbps AMR	16.11	16.17	16.12	17.00
HSDPA	Subtest 1	15.07	15.08	15.04	16.00
	Subtest 2	15.00	15.13	14.99	16.00
	Subtest 3	14.42	14.54	14.48	15.50
	Subtest 4	14.46	14.46	14.42	15.50
HSUPA	Subtest 1	14.95	15.11	14.89	16.00
	Subtest 2	12.95	13.09	13.04	14.00
	Subtest 3	13.91	14.11	14.00	15.00
	Subtest 4	13.04	12.91	12.98	14.00
DC-HSDPA	Subtest 1	14.97	15.16	15.09	16.00
	Subtest 2	15.07	15.03	15.00	16.00
	Subtest 3	14.43	14.40	14.54	15.50
	Subtest 4	14.31	14.55	14.51	15.50
HSPA+	16QAM	13.90	14.10	14.00	15.00

WCDMA Band II DSI 7					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	21.62	21.67	21.61	22.50
	12.2kbps AMR	21.55	21.62	21.56	22.50
HSDPA	Subtest 1	20.50	20.55	20.45	21.50
	Subtest 2	20.55	20.54	20.43	21.50
	Subtest 3	20.01	20.06	19.98	21.00
	Subtest 4	20.01	20.06	19.99	21.00
HSUPA	Subtest 1	20.48	20.56	20.41	21.50
	Subtest 2	18.50	18.50	18.46	19.50
	Subtest 3	19.51	19.51	19.43	20.50
	Subtest 4	18.48	18.47	18.44	19.50
DC-HSDPA	Subtest 1	20.54	20.51	20.55	21.50
	Subtest 1	20.64	20.59	20.58	21.50
	Subtest 2	20.62	20.53	20.51	21.50
	Subtest 3	19.93	20.12	19.94	21.00
HSPA+	Subtest 4	20.14	20.07	20.06	21.00
	16QAM	19.50	19.50	19.45	20.50

WCDMA Band IV DSI 4					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.97	20.07	20.01	21.00
	12.2kbps AMR	19.92	19.93	19.95	21.00
HSDPA	Subtest 1	18.76	18.94	18.83	20.00
	Subtest 2	18.72	18.85	18.76	20.00
	Subtest 3	18.21	18.42	18.31	19.50
	Subtest 4	18.24	18.29	18.25	19.50
HSUPA	Subtest 1	18.69	18.82	18.71	20.00
	Subtest 2	16.83	16.88	16.75	18.00
	Subtest 3	17.70	17.72	17.74	19.00
	Subtest 4	16.86	16.84	16.70	18.00
	Subtest 5	18.77	18.95	18.64	20.00
DC-HSDPA	Subtest 1	18.62	19.04	18.79	20.00
	Subtest 2	18.57	18.74	18.64	20.00
	Subtest 3	18.13	18.38	18.26	19.50
	Subtest 4	18.31	18.41	18.14	19.50
HSPA+	16QAM	17.70	17.70	17.75	19.00

WCDMA Band IV DSI 5/6					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.96	19.05	18.97	20.00
	12.2kbps AMR	18.97	19.06	19.01	20.00
HSDPA	Subtest 1	17.77	17.78	17.72	19.00
	Subtest 2	17.83	17.91	17.90	19.00
	Subtest 3	17.24	17.43	17.36	18.50
	Subtest 4	17.38	17.48	17.19	18.50
HSUPA	Subtest 1	17.68	17.74	17.83	19.00
	Subtest 2	15.77	15.88	15.77	17.00
	Subtest 3	16.79	16.78	16.76	18.00
	Subtest 4	15.85	15.75	15.69	17.00
	Subtest 5	17.73	17.88	17.64	19.00
DC-HSDPA	Subtest 1	17.78	17.87	17.67	19.00
	Subtest 2	17.85	17.84	17.82	19.00
	Subtest 3	17.29	17.56	17.38	18.50
	Subtest 4	17.23	17.43	17.14	18.50
HSPA+	16QAM	16.80	16.75	16.75	18.00

WCDMA Band IV DSI 7					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.47	23.56	23.48	24.50
	12.2kbps AMR	23.42	23.57	23.51	24.50
HSDPA	Subtest 1	22.31	22.36	22.30	23.50
	Subtest 2	22.29	22.40	22.30	23.50
	Subtest 3	21.80	21.86	21.76	23.00
	Subtest 4	21.81	21.88	21.79	23.00
HSUPA	Subtest 1	22.27	22.34	22.24	23.50
	Subtest 2	20.29	20.36	20.22	21.50
	Subtest 3	21.24	21.32	21.22	22.50
	Subtest 4	20.26	20.29	20.2	21.50
	Subtest 5	22.35	22.41	22.23	23.50
DC-HSDPA	Subtest 1	22.33	22.42	22.27	23.50
	Subtest 2	22.41	22.39	22.45	23.50
	Subtest 3	21.93	21.91	21.88	23.00
	Subtest 4	21.86	21.74	21.81	23.00
HSPA+	16QAM	21.25	21.30	21.20	22.50

WCDMA Band V DSI 2					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	20.20	20.25	20.31	21.00
	12.2kbps AMR	20.16	20.22	20.30	21.00
HSDPA	Subtest 1	19.17	19.25	19.41	20.00
	Subtest 2	19.28	19.23	19.36	20.00
	Subtest 3	18.73	18.84	18.89	19.50
	Subtest 4	18.76	18.79	18.84	19.50
HSUPA	Subtest 1	19.34	19.24	19.22	20.00
	Subtest 2	17.29	17.23	17.22	18.00
	Subtest 3	18.27	18.18	18.36	19.00
	Subtest 4	17.36	17.33	17.26	18.00
	Subtest 5	19.20	19.37	19.33	20.00
DC-HSDPA	Subtest 1	19.02	19.19	19.55	20.00
	Subtest 2	19.35	19.30	19.46	20.00
	Subtest 3	18.68	18.86	18.77	19.50
	Subtest 4	18.63	18.78	18.85	19.50
HSPA+	16QAM	18.30	18.20	18.35	19.00

WCDMA Band V DSI 3					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	19.18	19.27	19.35	20.00
	12.2kbps AMR	19.16	19.25	19.28	20.00
HSDPA	Subtest 1	18.26	18.37	18.43	19.00
	Subtest 2	18.21	18.32	18.40	19.00
	Subtest 3	17.77	17.81	17.89	18.50
	Subtest 4	17.60	17.76	17.82	18.50
HSUPA	Subtest 1	18.26	18.29	18.35	19.00
	Subtest 2	16.25	16.35	16.39	17.00
	Subtest 3	17.36	17.20	17.38	18.00
	Subtest 4	16.37	16.33	16.28	17.00
	Subtest 5	18.39	18.35	18.30	19.00
DC-HSDPA	Subtest 1	18.40	18.49	18.53	19.00
	Subtest 2	18.29	18.47	18.39	19.00
	Subtest 3	17.72	17.81	17.98	18.50
	Subtest 4	17.58	17.76	17.78	18.50
HSPA+	16QAM	17.35	17.20	17.40	18.00

WCDMA Band V DSI 4/5/6/7					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.75	23.69	23.74	24.50
	12.2kbps AMR	23.75	23.78	23.75	24.50
HSDPA	Subtest 1	22.68	22.79	22.85	23.50
	Subtest 2	22.68	22.81	22.82	23.50
	Subtest 3	22.19	22.28	22.34	23.00
	Subtest 4	22.18	22.27	22.31	23.00
HSUPA	Subtest 1	22.81	22.83	22.81	23.50
	Subtest 2	20.81	20.76	20.79	21.50
	Subtest 3	21.78	21.71	21.78	22.50
	Subtest 4	20.77	20.84	20.79	21.50
	Subtest 5	22.82	22.84	22.81	23.50
DC-HSDPA	Subtest 1	22.80	22.85	23.00	23.50
	Subtest 2	22.75	22.92	22.85	23.50
	Subtest 3	22.11	22.22	22.23	23.00
	Subtest 4	22.05	22.35	22.29	23.00
HSPA+	16QAM	21.75	21.70	21.80	22.50



### 1.3 Conducted Power of LTE

LTE Band 2 DSI 4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	17.69	17.73	17.73	19.00	
		1	2	17.82	17.94	17.89	19.00	
		1	5	17.94	17.71	17.88	19.00	
		3	0	17.9	17.76	17.91	19.00	
		3	2	17.84	17.79	17.97	19.00	
		3	3	17.84	17.77	17.89	19.00	
	16QAM	6	0	17.9	17.78	17.91	19.00	
		1	0	18.16	17.96	18.19	19.00	
		1	2	17.94	17.79	18.59	19.00	
		1	5	18.43	18.11	17.79	19.00	
		3	0	17.86	17.64	18.04	19.00	
		3	2	17.91	18.05	18.04	19.00	
	64QAM	3	3	17.94	17.84	17.98	19.00	
		6	0	17.94	17.74	17.92	19.00	
		1	0	18.08	17.95	18.14	19.00	
		1	2	17.90	17.84	18.65	19.00	
		1	5	18.38	18.02	17.69	19.00	
		3	0	17.96	17.67	17.96	19.00	
	3MHz	QPSK	3	2	17.83	18.04	18.09	19.00
			3	3	18.04	17.94	17.93	19.00
			6	0	17.96	17.67	17.83	19.00
1			0	18.615	18.900	19185	19.00	
1			7	17.76	17.79	17.97	19.00	
1			14	17.83	18.09	17.96	19.00	
16QAM		8	0	17.75	17.73	17.90	19.00	
		8	4	17.84	17.87	17.91	19.00	
		8	7	17.67	17.76	18.01	19.00	
		15	0	17.90	17.78	17.98	19.00	
		1	0	18.44	18.77	18.08	19.00	
		1	7	18.27	18.56	18.65	19.00	
64QAM		1	14	17.79	18.41	18.91	19.00	
		8	0	17.73	17.82	17.98	19.00	
		8	4	17.84	17.88	17.97	19.00	
		8	7	17.65	17.74	17.96	19.00	
		15	0	17.76	17.76	18.07	19.00	
		1	0	18.09	18.03	18.27	19.00	
5MHz		QPSK	1	7	17.87	17.85	18.55	19.00
			1	14	18.47	18.18	17.77	19.00
			8	0	17.92	17.65	18.12	19.00
	8		4	17.83	18.12	17.94	19.00	
	8		7	17.98	17.92	17.88	19.00	
	15		0	17.88	17.71	17.85	19.00	
	16QAM	1	0	17.89	17.92	17.86	19.00	
		1	13	17.67	17.80	17.87	19.00	
		1	24	17.85	18.04	17.92	19.00	
		12	0	17.69	17.80	17.96	19.00	
		12	6	17.87	17.79	17.94	19.00	
		12	13	17.71	17.80	18.00	19.00	
	64QAM	25	0	17.92	17.79	18.07	19.00	
		1	0	18.41	18.76	18.09	19.00	
		1	13	18.29	18.57	18.65	19.00	
		1	24	17.81	18.44	18.92	19.00	
		12	0	17.81	17.77	17.96	19.00	
		12	6	17.84	17.84	17.93	19.00	
	QPSK	12	13	17.71	17.71	18.01	19.00	
		25	0	17.76	17.85	18.00	19.00	
		1	0	18.13	17.87	18.22	19.00	
1		13	18.02	17.87	18.57	19.00		
1		24	18.38	18.04	17.88	19.00		
12		0	17.78	17.62	17.98	19.00		
16QAM	12	6	17.83	18.02	18.03	19.00		

Bandwidth	Modulation	12	13	18.01	17.82	18.08	19.00
		25	0	18.02	17.79	18.01	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	17.81	17.78	17.88	19.00
		1	25	17.81	17.68	17.82	19.00
		1	49	17.76	17.87	17.82	19.00
		25	0	17.99	17.79	17.86	19.00
		25	13	17.83	17.78	17.88	19.00
		25	25	17.78	17.81	17.86	19.00
		50	0	17.86	17.73	17.95	19.00
	16QAM	1	0	18.38	18.5	18.47	19.00
		1	25	18.51	18.05	18.61	19.00
		1	49	18.45	18.15	18.62	19.00
		25	0	17.83	17.72	18.03	19.00
		25	13	17.86	17.86	17.97	19.00
		25	25	17.76	17.78	17.85	19.00
		50	0	17.94	17.83	17.82	19.00
	64QAM	1	0	18.24	18.03	18.15	19.00
		1	25	17.91	17.69	18.58	19.00
		1	49	18.48	18.14	17.87	19.00
		25	0	17.93	17.55	18.04	19.00
		25	13	17.92	18.03	18.11	19.00
		25	25	18.01	17.81	17.93	19.00
		50	0	17.92	17.83	17.88	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	17.9	17.88	17.89	19.00
		1	38	17.71	17.77	17.92	19.00
		1	74	17.83	18.08	17.92	19.00
		36	0	17.71	17.78	17.95	19.00
		36	18	17.86	17.82	17.94	19.00
		36	39	17.69	17.79	18	19.00
		75	0	17.87	17.82	18.03	19.00
	16QAM	1	0	18.45	18.74	18.09	19.00
		1	38	18.28	18.59	18.6	19.00
		1	74	17.83	18.46	18.88	19.00
		36	0	17.78	17.79	17.93	19.00
		36	18	17.83	17.84	17.97	19.00
		36	39	17.68	17.71	17.97	19.00
		75	0	17.71	17.81	18.04	19.00
	64QAM	1	0	18.10	17.91	18.19	19.00
		1	38	18.03	17.78	18.55	19.00
		1	74	18.43	18.06	17.74	19.00
		36	0	17.92	17.60	18.04	19.00
		36	18	17.87	18.03	18.03	19.00
		36	39	17.84	17.82	17.91	19.00
		75	0	18.04	17.81	17.93	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	17.74	17.74	17.74	19.00
		1	50	17.64	17.76	17.89	19.00
		1	99	17.26	17.46	17.50	19.00
		50	0	17.82	17.87	17.89	19.00
		50	25	17.81	17.88	18.02	19.00
		50	50	17.65	17.74	17.90	19.00
		100	0	17.65	17.75	17.91	19.00
	16QAM	1	0	18.27	18.11	18.18	19.00
		1	50	18.15	18.16	18.32	19.00
		1	99	17.67	17.90	17.94	19.00
		50	0	17.77	17.86	17.89	19.00
		50	25	17.78	17.86	18.03	19.00
		50	50	17.61	17.72	17.91	19.00
		100	0	17.68	17.75	17.93	19.00
	64QAM	1	0	18.17	17.92	18.19	19.00
		1	50	17.93	17.82	18.69	19.00
		1	99	18.39	18.13	17.76	19.00
		50	0	17.95	17.63	17.96	19.00
		50	25	17.97	17.99	18.05	19.00
		50	50	17.98	17.83	17.90	19.00
		100	0	18.00	17.83	17.86	19.00

LTE Band 2 DSI 5/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	16.68	16.72	16.73	18.00
		1	2	16.65	16.76	16.81	18.00
		1	5	16.23	16.43	16.45	18.00
		3	0	16.91	16.83	16.89	18.00
		3	2	16.84	16.86	16.98	18.00
		3	3	16.63	16.72	16.82	18.00
		6	0	16.70	16.72	16.83	18.00
	16QAM	1	0	17.13	17.18	17.10	18.00
		1	2	17.11	17.24	17.39	18.00
		1	5	16.60	16.99	16.96	18.00
		3	0	16.83	16.86	16.83	18.00
		3	2	16.87	16.86	16.95	18.00
		3	3	16.65	16.67	16.88	18.00
		6	0	16.69	16.76	16.86	18.00
	64QAM	1	0	17.16	17.25	17.14	18.00
		1	2	17.11	17.17	17.33	18.00
		1	5	16.63	16.87	16.90	18.00
		3	0	16.78	16.79	16.90	18.00
		3	2	16.83	16.90	16.92	18.00
		3	3	16.59	16.80	16.80	18.00
		6	0	16.59	16.84	16.95	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	16.71	16.77	16.66	18.00
		1	7	16.72	16.70	16.84	18.00
		1	14	16.23	16.41	16.50	18.00
		8	0	16.91	16.83	16.83	18.00
		8	4	16.86	16.83	16.95	18.00
		8	7	16.62	16.75	16.87	18.00
		15	0	16.63	16.82	16.85	18.00
	16QAM	1	0	17.19	17.19	17.09	18.00
		1	7	17.12	17.23	17.38	18.00
		1	14	16.66	16.97	16.97	18.00
		8	0	16.89	16.90	16.89	18.00
		8	4	16.77	16.83	16.94	18.00
		8	7	16.61	16.71	16.91	18.00
		15	0	16.70	16.71	16.90	18.00
	64QAM	1	0	17.10	17.23	17.10	18.00
		1	7	17.08	17.25	17.32	18.00
		1	14	16.55	16.97	16.92	18.00
		8	0	16.83	16.90	16.94	18.00
		8	4	16.82	16.80	16.96	18.00
		8	7	16.57	16.78	16.93	18.00
		15	0	16.69	16.77	16.90	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	16.72	16.77	16.68	18.00
		1	13	16.70	16.75	16.82	18.00
		1	24	16.26	16.48	16.47	18.00
		12	0	16.82	16.88	16.87	18.00
		12	6	16.79	16.84	16.95	18.00
		12	13	16.68	16.74	16.89	18.00
		25	0	16.69	16.79	16.90	18.00
	16QAM	1	0	17.20	17.18	17.12	18.00
		1	13	17.07	17.17	17.32	18.00
		1	24	16.61	16.90	16.87	18.00
		12	0	16.89	16.90	16.84	18.00
		12	6	16.81	16.85	16.92	18.00
		12	13	16.71	16.68	16.90	18.00
		25	0	16.64	16.79	16.86	18.00
	64QAM	1	0	17.17	17.24	17.03	18.00
		1	13	17.13	17.29	17.29	18.00
		1	24	16.66	17.05	16.96	18.00
		12	0	16.88	16.77	16.88	18.00
		12	6	16.72	16.91	17.00	18.00

Bandwidth	Modulation	12	13	16.74	16.76	16.83	18.00
		25	0	16.67	16.83	16.90	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	16.67	16.80	16.65	18.00
		1	25	16.73	16.73	16.84	18.00
		1	49	16.29	16.48	16.45	18.00
		25	0	16.89	16.83	16.84	18.00
		25	13	16.85	16.84	16.96	18.00
		25	25	16.66	16.67	16.79	18.00
		50	0	16.68	16.73	16.84	18.00
	16QAM	1	0	17.17	17.13	17.11	18.00
		1	25	17.09	17.18	17.31	18.00
		1	49	16.61	16.95	16.88	18.00
		25	0	16.89	16.82	16.87	18.00
		25	13	16.80	16.86	17.00	18.00
		25	25	16.67	16.75	16.82	18.00
		50	0	16.64	16.74	16.82	18.00
	64QAM	1	0	17.18	17.16	17.10	18.00
		1	25	17.16	17.28	17.30	18.00
		1	49	16.71	16.87	16.99	18.00
		25	0	16.90	16.91	16.85	18.00
		25	13	16.92	16.74	17.01	18.00
		25	25	16.68	16.77	16.88	18.00
		50	0	16.69	16.73	16.89	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	16.72	16.78	16.67	18.00
		1	38	16.68	16.78	16.90	18.00
		1	74	16.26	16.50	16.43	18.00
		36	0	16.88	16.87	16.81	18.00
		36	18	16.86	16.88	16.95	18.00
		36	39	16.68	16.67	16.83	18.00
		75	0	16.68	16.79	16.89	18.00
	16QAM	1	0	17.11	17.13	17.10	18.00
		1	38	17.08	17.18	17.32	18.00
		1	74	16.67	16.97	16.89	18.00
		36	0	16.86	16.82	16.84	18.00
		36	18	16.78	16.83	17.02	18.00
		36	39	16.64	16.67	16.90	18.00
		75	0	16.65	16.74	16.83	18.00
	64QAM	1	0	17.05	17.06	17.18	18.00
		1	38	17.03	17.14	17.34	18.00
		1	74	16.66	17.02	17.00	18.00
		36	0	16.92	16.96	16.85	18.00
		36	18	16.89	16.91	16.93	18.00
		36	39	16.72	16.78	16.87	18.00
		75	0	16.75	16.70	16.83	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	16.69	16.80	16.70	18.00
		1	50	16.70	16.74	16.78	18.00
		1	99	16.28	16.45	16.48	18.00
		50	0	16.87	16.87	16.85	18.00
		50	25	16.81	16.91	16.89	18.00
		50	50	16.66	16.72	16.84	18.00
		100	0	16.68	16.77	16.86	18.00
	16QAM	1	0	17.15	17.15	17.13	18.00
		1	50	17.08	17.20	17.34	18.00
		1	99	16.63	16.95	16.92	18.00
		50	0	16.85	16.86	16.84	18.00
		50	25	16.82	16.84	16.97	18.00
		50	50	16.66	16.71	16.86	18.00
		100	0	16.69	16.74	16.85	18.00
	64QAM	1	0	17.20	17.21	17.17	18.00
		1	50	17.17	17.30	17.42	18.00
		1	99	16.59	17.05	16.87	18.00
		50	0	16.86	16.91	16.84	18.00
		50	25	16.79	16.84	17.03	18.00
		50	50	16.62	16.79	16.81	18.00
		100	0	16.70	16.70	16.82	18.00

LTE Band 2 DSI 7				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	21.35	21.3	21.49	22.50	
		1	2	21.49	21.38	21.55	22.50	
		1	5	21.37	21.27	21.33	22.50	
		3	0	21.47	21.44	21.38	22.50	
		3	2	21.52	21.35	21.51	22.50	
		3	3	21.4	21.33	21.44	22.50	
	16QAM	6	0	21.43	21.43	21.38	22.50	
		1	0	21.44	21.89	21.81	22.50	
		1	2	21.6	21.61	21.77	22.50	
		1	5	21.97	21.47	22.06	22.50	
		3	0	21.46	21.2	21.49	22.00	
		3	2	21.55	21.27	21.5	22.00	
	64QAM	3	3	21.25	21.48	21.54	22.00	
		6	0	21.01	20.85	20.89	22.00	
		1	0	20.85	20.8	20.92	22.00	
		1	2	20.86	20.67	21.04	22.00	
		1	5	20.79	20.59	20.91	22.00	
		3	0	20.67	20.56	20.28	22.00	
	3MHz	QPSK	3	2	20.77	20.6	20.33	22.00
			3	3	20.72	20.55	20.26	22.00
			6	0	20.2	19.99	19.18	21.00
1			0	21.14	21.20	21.21	22.50	
1			7	21.13	21.20	21.36	22.50	
1			14	20.71	20.93	21.04	22.50	
16QAM		8	0	21.33	21.38	21.38	22.50	
		8	4	21.33	21.37	21.46	22.50	
		8	7	21.15	21.18	21.35	22.50	
		15	0	21.16	21.18	21.36	22.50	
		1	0	21.53	21.70	21.68	22.50	
		1	7	21.53	21.62	21.77	22.50	
64QAM	1	14	21.08	21.43	21.38	22.50		
	8	0	20.85	20.91	20.89	22.00		
	8	4	20.84	20.80	21.00	22.00		
	8	7	20.70	20.63	20.85	22.00		
	15	0	20.63	20.70	20.81	22.00		
	1	0	21.44	21.52	21.40	22.00		
5MHz	QPSK	1	7	21.36	21.40	21.58	22.00	
		1	14	21.29	21.23	21.14	22.00	
		8	0	20.84	20.97	20.85	21.00	
		8	4	20.90	20.88	20.95	21.00	
		8	7	20.60	20.64	20.64	21.00	
		15	0	20.79	20.81	20.89	21.00	
	16QAM	1	0	21.17	21.22	21.17	22.50	
		1	13	21.15	21.22	21.32	22.50	
		1	24	20.74	20.89	21.00	22.50	
		12	0	21.30	21.40	21.43	22.50	
		12	6	21.33	21.35	21.47	22.50	
		12	13	21.20	21.17	21.32	22.50	
64QAM	25	0	21.10	21.19	21.35	22.50		
	1	0	21.61	21.67	21.66	22.50		
	1	13	21.51	21.65	21.81	22.50		
	1	24	21.14	21.39	21.35	22.50		
	12	0	20.84	20.87	20.89	22.00		
	12	6	20.85	20.83	21.03	22.00		
64QAM	12	13	20.63	20.64	20.78	22.00		
	25	0	20.70	20.73	20.81	22.00		
	1	0	21.62	21.49	21.59	22.00		
	1	13	21.37	21.39	21.48	22.00		
	1	24	21.31	21.11	21.18	22.00		
	12	0	20.99	20.88	20.93	21.00		
				20.93	20.98	20.85	21.00	

Bandwidth	Modulation	12	13	20.63	20.73	20.54	21.00	
		25	0	20.87	20.72	20.96	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18650	18900	19150		
10MHz	QPSK	1	0	21.21	21.17	21.21	22.50	
		1	25	21.17	21.16	21.34	22.50	
		1	49	20.70	20.89	20.99	22.50	
		25	0	21.33	21.38	21.43	22.50	
		25	13	21.32	21.38	21.47	22.50	
		25	25	21.18	21.20	21.40	22.50	
	16QAM	50	0	21.11	21.20	21.38	22.50	
		1	0	21.57	21.68	21.60	22.50	
		1	25	21.49	21.66	21.78	22.50	
		1	49	21.10	21.42	21.41	22.50	
		25	0	20.82	20.83	20.86	22.00	
		25	13	20.76	20.83	21.00	22.00	
	64QAM	25	25	20.66	20.71	20.83	22.00	
		50	0	20.61	20.71	20.87	22.00	
		1	0	21.48	21.44	21.48	22.00	
		1	25	21.35	21.37	21.55	22.00	
		1	49	21.34	21.14	21.24	22.00	
		25	0	20.80	20.93	20.96	21.00	
	15MHz	QPSK	25	13	20.74	20.93	20.98	21.00
			25	25	20.56	20.68	20.62	21.00
			50	0	20.81	20.86	20.90	21.00
1			0	21.18	21.15	21.15	22.50	
1			38	21.15	21.14	21.37	22.50	
1			74	20.74	20.93	20.99	22.50	
16QAM		36	0	21.29	21.38	21.42	22.50	
		36	18	21.23	21.32	21.51	22.50	
		36	39	21.18	21.23	21.38	22.50	
		75	0	21.19	21.19	21.42	22.50	
		1	0	21.54	21.66	21.65	22.50	
		1	38	21.52	21.70	21.76	22.50	
64QAM		1	74	21.08	21.38	21.33	22.50	
		36	0	20.86	20.83	20.86	22.00	
		36	18	20.83	20.87	20.99	22.00	
		36	39	20.66	20.69	20.80	22.00	
		75	0	20.65	20.66	20.81	22.00	
		1	0	21.54	21.48	21.44	22.00	
20MHz		QPSK	1	38	21.48	21.55	21.49	22.00
			1	74	21.41	21.20	21.13	22.00
			36	0	20.79	20.91	20.99	21.00
	36		18	20.92	20.94	20.83	21.00	
	36		39	20.53	20.72	20.51	21.00	
	75		0	20.77	20.73	20.97	21.00	
	16QAM	1	0	21.17	21.20	21.20	22.50	
		1	50	21.16	21.17	21.34	22.50	
		1	99	20.71	20.94	21.00	22.50	
		50	0	21.33	21.36	21.39	22.50	
		50	25	21.28	21.34	21.46	22.50	
		50	50	21.15	21.19	21.35	22.50	
	64QAM	100	0	21.15	21.21	21.37	22.50	
		1	0	21.57	21.71	21.64	22.50	
		1	50	21.52	21.67	21.80	22.50	
		1	99	21.11	21.38	21.36	22.50	
		50	0	20.82	20.86	20.88	22.00	
		50	25	20.81	20.82	21.01	22.00	
	64QAM	50	50	20.65	20.66	20.83	22.00	
		100	0	20.66	20.68	20.82	22.00	
		1	0	21.52	21.49	21.49	22.00	
1		50	21.41	21.45	21.52	22.00		
1		99	21.31	21.21	21.21	22.00		
50		0	20.89	20.89	20.91	21.00		
64QAM	50	25	20.84	20.91	20.92	21.00		
	50	50	20.63	20.67	20.61	21.00		
	100	0	20.85	20.79	20.89	21.00		

LTE Band 4 DSI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.66	20.04	19.66	21.30
		1	2	19.83	19.99	19.69	21.30
		1	5	19.72	19.99	19.69	21.30
		3	0	19.74	19.94	19.75	21.30
		3	2	19.73	20	19.81	21.30
		3	3	19.81	19.99	19.78	21.30
	16QAM	6	0	19.78	19.96	19.77	21.30
		1	0	19.97	19.92	19.96	21.30
		1	2	20.02	19.89	20.31	21.30
		1	5	20.24	20.18	20.46	21.30
		3	0	19.89	20.16	19.85	21.30
		3	2	19.91	20.09	19.9	21.30
	64QAM	3	3	19.83	20.04	19.84	21.30
		6	0	19.94	20.18	19.82	21.30
		1	0	20.29	20.52	20.40	21.30
		1	2	20.54	20.58	20.45	21.30
		1	5	20.67	20.46	20.29	21.30
		3	0	20.05	20.16	20.25	21.30
3MHz	QPSK	3	2	20.18	20.21	20.15	21.30
		3	3	20.22	20.13	20.12	21.30
		3	3	20.22	20.13	20.12	21.30
		6	0	20.23	20.27	20.16	21.30
		1	0	19.94	20.09	19.96	21.30
		1	7	19.90	19.93	19.96	21.30
	16QAM	1	14	20.17	20.01	20.04	21.30
		8	0	19.94	19.95	19.98	21.30
		8	4	20.04	20.02	19.92	21.30
		8	7	19.98	20.11	19.98	21.30
		15	0	20.01	20.17	19.87	21.30
		1	0	20.43	20.66	20.24	21.30
	64QAM	1	7	20.41	20.69	20.08	21.30
		1	14	20.43	20.39	20.33	21.30
		8	0	20.04	20.06	20.06	21.30
		8	4	20.01	20.11	19.95	21.30
		8	7	20.04	19.99	20.00	21.30
		15	0	20.08	20.17	19.92	21.30
5MHz	QPSK	1	0	20.27	20.56	20.40	21.30
		1	7	20.60	20.65	20.39	21.30
		1	14	20.51	20.56	20.23	21.30
		8	0	20.21	20.15	20.30	21.30
		8	4	20.08	20.25	20.28	21.30
		8	7	20.32	20.19	20.11	21.30
	16QAM	15	0	20.15	20.30	20.01	21.30
		1	0	19.99	20.12	19.97	21.30
		1	13	19.91	19.98	19.94	21.30
		1	24	20.19	19.98	20.07	21.30
		12	0	20.02	19.96	20.04	21.30
		12	6	20.03	20.04	19.92	21.30
	64QAM	12	13	19.97	20.15	20.00	21.30
		25	0	20.07	20.13	19.94	21.30
		1	0	20.49	20.68	20.24	21.30
		1	13	20.47	20.68	20.16	21.30
		1	24	20.52	20.39	20.39	21.30
		12	0	20.03	19.98	20.09	21.30
64QAM	12	6	19.98	20.13	19.97	21.30	
	12	13	19.95	20.02	19.95	21.30	
	25	0	20.03	20.19	19.96	21.30	
	1	0	20.25	20.41	20.45	21.30	
	1	13	20.57	20.68	20.52	21.30	
	1	24	20.52	20.53	20.20	21.30	
64QAM	12	0	20.11	20.16	20.29	21.30	
	12	6	20.24	20.33	20.27	21.30	

Bandwidth	Modulation	12	13	20.19	20.25	20.13	21.30
		25	0	20.21	20.38	20.03	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.97	20.1	19.92	21.30
		1	25	19.92	19.98	19.93	21.30
		1	49	20.15	20.03	20.03	21.30
		25	0	19.98	19.92	20.01	21.30
		25	13	20.03	20.04	19.89	21.30
		25	25	19.93	20.12	19.97	21.30
		50	0	20.04	20.12	19.92	21.30
	16QAM	1	0	20.47	20.68	20.25	21.30
		1	25	20.45	20.72	20.13	21.30
		1	49	20.47	20.39	20.35	21.30
		25	0	19.99	20.01	20.08	21.30
		25	13	19.99	20.12	19.97	21.30
		25	25	19.99	20.04	19.95	21.30
		50	0	20.03	20.18	19.97	21.30
	64QAM	1	0	20.40	20.58	20.41	21.30
		1	25	20.60	20.65	20.57	21.30
		1	49	20.62	20.62	20.24	21.30
		25	0	20.12	20.15	20.28	21.30
		25	13	20.19	20.27	20.19	21.30
		25	25	20.32	20.25	20.07	21.30
		50	0	20.17	20.34	20.14	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.16	20.5	20.29	21.30
		1	38	19.92	20.41	20.14	21.30
		1	74	20.36	20.35	20.23	21.30
		36	0	20.17	20.22	20.19	21.30
		36	18	20.11	20.27	20.1	21.30
		36	39	20.16	20.21	20.01	21.30
		75	0	20.05	20.26	20.17	21.30
	16QAM	1	0	20.59	20.47	20.24	21.30
		1	38	20.55	20.51	20.04	21.30
		1	74	20.75	20.56	20.64	21.30
		36	0	20.08	20.18	20.11	21.30
		36	18	20.14	20.22	20.05	21.30
		36	39	20.16	20.25	19.99	21.30
		75	0	20.2	20.28	20.11	21.30
	64QAM	1	0	20.36	20.52	20.57	21.30
		1	38	20.47	20.68	20.45	21.30
		1	74	20.57	20.55	20.18	21.30
		36	0	20.08	20.20	20.27	21.30
		36	18	20.18	20.35	20.16	21.30
		36	39	20.34	20.25	20.13	21.30
		75	0	20.17	20.30	19.98	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.94	20.09	20.10	21.30
		1	50	20.05	20.19	20.09	21.30
		1	99	20.19	20.16	19.93	21.30
		50	0	20.16	20.21	20.22	21.30
		50	25	20.16	20.26	20.21	21.30
		50	50	20.27	20.19	20.11	21.30
		100	0	20.20	20.27	20.11	21.30
	16QAM	1	0	20.33	20.49	20.47	21.30
		1	50	20.50	20.67	20.48	21.30
		1	99	20.58	20.53	20.28	21.30
		50	0	20.14	20.20	20.24	21.30
		50	25	20.16	20.27	20.23	21.30
		50	50	20.28	20.21	20.13	21.30
		100	0	20.17	20.28	20.06	21.30
	64QAM	1	0	20.43	20.44	20.56	21.30
		1	50	20.47	20.69	20.54	21.30
		1	99	20.55	20.54	20.37	21.30
		50	0	20.23	20.25	20.25	21.30
		50	25	20.16	20.19	20.31	21.30
		50	50	20.22	20.12	20.14	21.30
		100	0	20.07	20.29	20.13	21.30



LTE Band 4 DSI 5/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	18.88	18.99	19.12	20.30	
		1	2	18.96	19.12	19.03	20.30	
		1	5	19.15	19.06	18.96	20.30	
		3	0	19.11	19.11	19.10	20.30	
		3	2	19.13	19.28	19.22	20.30	
		3	3	19.28	19.18	19.13	20.30	
	16QAM	6	0	19.14	19.22	19.06	20.30	
		1	0	19.32	19.36	19.52	20.30	
		1	2	19.48	19.54	19.50	20.30	
		1	5	19.58	19.49	19.29	20.30	
		3	0	19.12	19.14	19.11	20.30	
		3	2	19.17	19.23	19.08	20.30	
	64QAM	3	3	19.29	19.15	19.15	20.30	
		6	0	19.08	19.20	19.11	20.30	
		1	0	19.42	19.33	19.57	20.30	
		1	2	19.44	19.42	19.41	20.30	
		1	5	19.61	19.44	19.23	20.30	
		3	0	19.16	19.17	19.15	20.30	
	3MHz	QPSK	3	2	19.23	19.26	19.08	20.30
			3	3	19.17	19.18	19.07	20.30
			6	0	19.19	19.32	19.14	20.30
1			0	18.90	19.07	19.07	20.30	
1			7	18.93	19.12	19.06	20.30	
1			14	19.13	19.10	18.95	20.30	
16QAM		8	0	19.09	19.17	19.10	20.30	
		8	4	19.12	19.23	19.16	20.30	
		8	7	19.25	19.19	19.11	20.30	
		15	0	19.22	19.26	19.08	20.30	
		1	0	19.39	19.41	19.46	20.30	
		1	7	19.48	19.53	19.56	20.30	
64QAM		1	14	19.52	19.51	19.29	20.30	
		8	0	19.09	19.15	19.17	20.30	
		8	4	19.17	19.29	19.11	20.30	
		8	7	19.26	19.20	19.13	20.30	
		15	0	19.10	19.24	19.07	20.30	
		1	0	19.31	19.31	19.41	20.30	
5MHz		QPSK	1	7	19.45	19.50	19.60	20.30
			1	14	19.50	19.40	19.39	20.30
			8	0	19.04	19.25	19.16	20.30
	8		4	19.20	19.30	19.04	20.30	
	8		7	19.30	19.18	19.12	20.30	
	15		0	19.17	19.27	19.13	20.30	
	16QAM	1	0	18.84	18.97	19.04	20.30	
		1	13	18.97	19.17	19.09	20.30	
		1	24	19.16	19.14	18.93	20.30	
		12	0	19.05	19.14	19.13	20.30	
		12	6	19.10	19.24	19.12	20.30	
		12	13	19.19	19.17	19.09	20.30	
	64QAM	25	0	19.16	19.17	19.05	20.30	
		1	0	19.41	19.44	19.48	20.30	
		1	13	19.50	19.49	19.50	20.30	
		1	24	19.60	19.43	19.33	20.30	
		12	0	19.12	19.14	19.18	20.30	
		12	6	19.11	19.26	19.13	20.30	
	64QAM	12	13	19.29	19.13	19.08	20.30	
		25	0	19.06	19.24	19.05	20.30	
		1	0	19.45	19.39	19.40	20.30	
1		13	19.47	19.57	19.46	20.30		
1		24	19.66	19.50	19.31	20.30		
12		0	19.12	19.12	19.09	20.30		
64QAM	12	6	19.17	19.18	19.20	20.30		

Bandwidth	Modulation	12	13	19.33	19.12	19.08	20.30
		25	0	19.14	19.23	19.07	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.93	18.97	19.06	20.30
		1	25	19.03	19.10	19.10	20.30
		1	49	19.10	19.08	18.92	20.30
		25	0	19.11	19.14	19.19	20.30
		25	13	19.15	19.25	19.18	20.30
		25	25	19.24	19.22	19.09	20.30
		50	0	19.22	19.25	19.04	20.30
	16QAM	1	0	19.31	19.45	19.50	20.30
		1	25	19.50	19.53	19.48	20.30
		1	49	19.58	19.47	19.31	20.30
		25	0	19.05	19.18	19.17	20.30
		25	13	19.20	19.31	19.10	20.30
		25	25	19.29	19.14	19.10	20.30
		50	0	19.12	19.22	19.06	20.30
	64QAM	1	0	19.43	19.49	19.48	20.30
		1	25	19.58	19.46	19.44	20.30
		1	49	19.50	19.39	19.43	20.30
		25	0	18.99	19.24	19.15	20.30
		25	13	19.24	19.28	19.17	20.30
		25	25	19.34	19.26	19.13	20.30
		50	0	19.18	19.22	19.05	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	18.86	19.01	19.02	20.30
		1	38	18.99	19.13	19.06	20.30
		1	74	19.13	19.05	18.98	20.30
		36	0	19.04	19.15	19.14	20.30
		36	18	19.17	19.28	19.14	20.30
		36	39	19.20	19.14	19.07	20.30
		75	0	19.13	19.23	19.05	20.30
	16QAM	1	0	19.36	19.41	19.48	20.30
		1	38	19.57	19.49	19.54	20.30
		1	74	19.61	19.44	19.28	20.30
		36	0	19.06	19.12	19.10	20.30
		36	18	19.10	19.24	19.11	20.30
		36	39	19.27	19.23	19.06	20.30
		75	0	19.15	19.29	19.07	20.30
	64QAM	1	0	19.30	19.43	19.56	20.30
		1	38	19.54	19.57	19.59	20.30
		1	74	19.59	19.49	19.36	20.30
		36	0	19.01	19.10	19.03	20.30
		36	18	19.15	19.36	19.20	20.30
		36	39	19.26	19.13	19.07	20.30
		75	0	19.17	19.34	19.18	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	18.89	19.02	19.07	20.30
		1	50	18.98	19.12	19.05	20.30
		1	99	19.13	19.10	18.93	20.30
		50	0	19.09	19.15	19.15	20.30
		50	25	19.12	19.25	19.17	20.30
		50	50	19.24	19.19	19.11	20.30
		100	0	19.17	19.22	19.03	20.30
	16QAM	1	0	19.36	19.40	19.49	20.30
		1	50	19.52	19.51	19.51	20.30
		1	99	19.56	19.47	19.33	20.30
		50	0	19.09	19.17	19.13	20.30
		50	25	19.15	19.27	19.12	20.30
		50	50	19.25	19.18	19.10	20.30
		100	0	19.10	19.24	19.08	20.30
	64QAM	1	0	19.39	19.37	19.53	20.30
		1	50	19.62	19.41	19.46	20.30
		1	99	19.49	19.55	19.28	20.30
		50	0	19.00	19.25	19.12	20.30
		50	25	19.11	19.35	19.19	20.30
		50	50	19.32	19.10	19.14	20.30
		100	0	19.14	19.29	19.03	20.30

LTE Band 4 DSI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.27	23.41	23.38	24.80
		1	2	23.34	23.47	23.24	24.80
		1	5	23.36	23.44	23.23	24.80
		3	0	23.3	23.51	23.39	24.80
		3	2	23.27	23.45	23.26	24.80
		3	3	23.26	23.84	23.25	24.80
	16QAM	1	0	22.69	23.04	22.96	23.80
		1	2	22.95	22.62	22.66	23.80
		1	5	22.93	22.85	22.4	23.80
		3	0	22.32	22.56	22.35	23.80
		3	2	22.46	22.44	22.29	23.80
		3	3	22.23	22.56	22.15	23.80
	64QAM	6	0	21.56	21.46	21.35	22.80
		1	0	21.49	21.67	21.5	22.80
		1	2	21.47	21.67	21.44	22.80
		1	5	21.42	21.58	21.43	22.80
		3	0	21.41	21.6	21.53	22.80
		3	2	21.55	21.74	21.51	22.80
3MHz	QPSK	3	3	21.41	21.54	21.45	22.80
		6	0	20.3	20.49	20.18	21.80
		1	0	23.41	23.55	23.53	24.80
		1	7	23.54	23.63	23.57	24.80
		1	14	23.74	23.55	23.39	24.80
		8	0	22.57	22.65	22.72	23.80
	16QAM	8	4	22.62	22.75	22.68	23.80
		8	7	22.76	22.69	22.56	23.80
		15	0	22.60	22.72	22.53	23.80
		1	0	22.59	22.78	22.78	23.80
		1	7	22.70	22.74	22.66	23.80
		1	14	22.74	22.78	22.54	23.80
	64QAM	8	0	21.56	21.64	21.68	22.80
		8	4	21.60	21.82	21.66	22.80
		8	7	21.74	21.67	21.56	22.80
		15	0	21.63	21.71	21.50	22.80
		1	0	21.49	21.79	21.74	22.80
		1	7	21.79	21.87	22.01	22.80
5MHz	QPSK	1	14	21.64	21.88	21.49	22.80
		8	0	20.64	20.57	20.65	21.80
		8	4	20.64	20.84	20.57	21.80
		8	7	20.65	20.66	20.68	21.80
		15	0	20.51	20.57	20.58	21.80
		1	0	23.45	23.51	23.52	24.80
	16QAM	1	13	23.59	23.69	23.51	24.80
		1	24	23.71	23.56	23.46	24.80
		12	0	22.57	22.64	22.65	23.80
		12	6	22.65	22.80	22.72	23.80
		12	13	22.71	22.64	22.64	23.80
		25	0	22.64	22.76	22.63	23.80
	64QAM	1	0	22.54	22.75	22.75	23.80
		1	13	22.69	22.75	22.68	23.80
		1	24	22.80	22.79	22.62	23.80
		12	0	21.60	21.67	21.70	22.80
		12	6	21.65	21.77	21.65	22.80
		12	13	21.76	21.68	21.57	22.80
QPSK	25	0	21.63	21.67	21.49	22.80	
	1	0	21.39	21.80	21.77	22.80	
	1	13	21.80	21.79	22.06	22.80	
	1	24	21.62	21.83	21.47	22.80	
	12	0	20.66	20.54	20.55	21.80	
	12	6	20.59	20.82	20.61	21.80	

Bandwidth	Modulation	12	13	20.73	20.72	20.66	21.80		
		25	0	20.68	20.68	20.50	21.80		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20000	20175	20350			
10MHz	QPSK	1	0	23.48	23.47	23.52	24.80		
		1	25	23.58	23.66	23.49	24.80		
		1	49	23.70	23.55	23.37	24.80		
		25	0	22.64	22.62	22.70	23.80		
		25	13	22.63	22.72	22.72	23.80		
		25	25	22.74	22.65	22.61	23.80		
	16QAM	50	0	22.67	22.75	22.56	23.80		
		1	0	22.57	22.79	22.75	23.80		
		1	25	22.75	22.73	22.69	23.80		
		1	49	22.78	22.81	22.58	23.80		
		25	0	21.63	21.66	21.70	22.80		
		25	13	21.57	21.79	21.66	22.80		
	64QAM	25	25	21.74	21.68	21.57	22.80		
		50	0	21.62	21.69	21.48	22.80		
		1	0	21.42	21.82	21.66	22.80		
		1	25	21.66	21.73	21.97	22.80		
		1	49	21.58	21.94	21.32	22.80		
		25	0	20.57	20.68	20.53	21.80		
	15MHz	QPSK	25	13	20.49	20.72	20.61	21.80	
			25	25	20.74	20.65	20.54	21.80	
			50	0	20.59	20.62	20.41	21.80	
Bandwidth			Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20025	20175	20325	
15MHz			QPSK	1	0	23.42	23.52	23.58	24.80
		1		38	23.59	23.65	23.47	24.80	
		1		74	23.65	23.64	23.37	24.80	
		36		0	22.56	22.64	22.71	23.80	
		36		18	22.59	22.80	22.63	23.80	
		36		39	22.67	22.67	22.58	23.80	
		16QAM	75	0	22.62	22.78	22.61	23.80	
			1	0	22.56	22.75	22.78	23.80	
			1	38	22.70	22.74	22.67	23.80	
			1	74	22.78	22.75	22.56	23.80	
			36	0	21.54	21.65	21.71	22.80	
			36	18	21.56	21.73	21.66	22.80	
		64QAM	36	39	21.74	21.67	21.63	22.80	
			75	0	21.64	21.75	21.56	22.80	
			1	0	21.55	21.77	21.74	22.80	
			1	38	21.78	21.82	21.97	22.80	
	1		74	21.60	21.89	21.37	22.80		
	36		0	20.64	20.53	20.59	21.80		
	20MHz	QPSK	36	18	20.58	20.83	20.55	21.80	
			36	39	20.77	20.65	20.61	21.80	
			75	0	20.53	20.71	20.48	21.80	
Bandwidth			Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20050	20175	20300	
20MHz			QPSK	1	0	23.44	23.51	23.57	24.80
		1		50	23.58	23.70	23.52	24.80	
		1		99	23.67	23.59	23.41	24.80	
		50		0	22.61	22.66	22.67	23.80	
		50		25	22.74	22.72	22.67	23.80	
		50		50	22.71	22.67	22.59	23.80	
		16QAM	100	0	22.62	22.76	22.58	23.80	
			1	0	22.59	22.74	22.77	23.80	
			1	50	22.73	22.78	22.71	23.80	
			1	99	22.78	22.80	22.58	23.80	
			50	0	21.59	21.65	21.68	22.80	
			50	25	21.61	21.77	21.69	22.80	
		64QAM	50	50	21.74	21.70	21.58	22.80	
			100	0	21.62	21.70	21.53	22.80	
			1	0	21.47	21.73	21.72	22.80	
			1	50	21.72	21.83	22.04	22.80	
	1		99	21.55	21.87	21.42	22.80		
	50		0	20.58	20.62	20.59	21.80		
	64QAM	50	25	20.59	20.76	20.62	21.80		
		50	50	20.75	20.64	20.60	21.80		
		100	0	20.61	20.64	20.49	21.80		

LTE Band 5 SDI 2				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	20.09	19.72	19.72	21.40	
		1	2	19.78	19.61	19.57	21.40	
		1	5	20.08	19.79	19.83	21.40	
		3	0	19.92	19.79	19.79	21.40	
		3	2	19.92	19.89	19.97	21.40	
		3	3	19.96	19.94	19.94	21.40	
	16QAM	6	0	19.93	19.75	19.98	21.40	
		1	0	20.53	20.05	20.22	21.40	
		1	2	20.54	20.20	20.30	21.40	
		1	5	20.25	19.99	20.37	21.40	
		3	0	19.98	19.96	19.83	21.40	
		3	2	19.90	19.88	19.82	21.40	
	64QAM	3	3	19.90	19.76	19.83	21.40	
		6	0	19.89	19.74	19.85	21.40	
		1	0	20.46	20.05	20.23	21.40	
		1	2	20.44	20.25	20.21	21.40	
		1	5	20.34	19.91	20.46	21.40	
		3	0	19.94	19.95	19.76	21.40	
	3MHz	QPSK	3	2	19.77	19.86	19.70	21.40
			3	3	20.04	19.67	19.96	21.40
			3	3	19.97	19.76	19.86	21.40
6			0	19.97	19.76	19.86	21.40	
1			0	20.12	19.67	19.72	21.40	
1			7	19.78	19.63	19.63	21.40	
1			14	20.12	19.79	19.76	21.40	
16QAM		8	0	19.96	19.78	19.82	21.40	
		8	4	19.92	19.80	19.89	21.40	
		8	7	19.94	19.93	19.96	21.40	
		15	0	19.99	19.81	19.93	21.40	
		1	0	20.55	20.06	20.15	21.40	
		1	7	20.49	20.21	20.28	21.40	
		1	14	20.24	20.03	20.42	21.40	
64QAM		8	0	19.89	20.00	19.84	21.40	
		8	4	19.87	19.88	19.78	21.40	
		8	7	19.89	19.76	19.87	21.40	
		15	0	19.93	19.80	19.80	21.40	
		1	0	20.65	19.95	20.15	21.40	
		1	7	20.56	20.20	20.21	21.40	
		1	14	20.39	19.98	20.40	21.40	
5MHz	QPSK	8	0	19.96	20.04	19.80	21.40	
		8	4	19.86	19.91	19.82	21.40	
		8	7	19.88	19.71	19.87	21.40	
		15	0	19.84	19.76	19.76	21.40	
		1	0	20.05	19.69	19.81	21.40	
		1	13	19.80	19.58	19.64	21.40	
	16QAM	1	24	20.05	19.77	19.82	21.40	
		12	0	19.89	19.84	19.78	21.40	
		12	6	19.92	19.90	19.91	21.40	
		12	13	19.98	19.92	19.96	21.40	
		25	0	19.94	19.82	19.90	21.40	
		1	0	20.54	20.02	20.22	21.40	
	QPSK	1	13	20.56	20.21	20.32	21.40	
		1	24	20.31	20.05	20.33	21.40	
		12	0	19.93	19.95	19.88	21.40	
		12	6	19.82	19.92	19.76	21.40	
		12	13	19.82	19.92	19.76	21.40	
		12	13	19.94	19.70	19.88	21.40	

		25	0	19.94	19.70	19.83	21.40
	64QAM	1	0	20.45	19.96	20.25	21.40
		1	13	20.44	20.19	20.22	21.40
		1	24	20.39	19.94	20.39	21.40
		12	0	19.98	20.05	19.79	21.40
		12	6	19.78	19.87	19.67	21.40
		12	13	19.94	19.84	19.78	21.40
		25	0	19.94	19.83	19.91	21.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	20.18	19.81	19.87	21.40
		1	25	19.92	19.68	19.69	21.40
		1	49	20.20	19.84	19.91	21.40
		25	0	20.04	19.93	19.89	21.40
		25	13	20.04	19.95	20.02	21.40
		25	25	20.05	20.02	20.01	21.40
		50	0	19.98	19.80	19.95	21.40
	16QAM	1	0	20.55	20.02	20.19	21.40
		1	25	20.51	20.22	20.31	21.40
		1	49	20.29	20.00	20.38	21.40
		25	0	19.94	19.97	19.83	21.40
		25	13	19.87	19.91	19.77	21.40
		25	25	19.94	19.74	19.87	21.40
		50	0	19.91	19.75	19.85	21.40
	64QAM	1	0	20.58	19.93	20.10	21.40
		1	25	20.43	20.13	20.37	21.40
		1	49	20.27	20.08	20.48	21.40
		25	0	20.04	19.89	19.75	21.40
		25	13	19.97	19.90	19.82	21.40
		25	25	19.97	19.64	19.82	21.40
		50	0	20.01	19.78	19.87	21.40

LTE Band 5 DSI 3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	19.12	18.72	18.80	20.40	
		1	2	18.89	18.79	18.54	20.40	
		1	5	19.04	18.91	18.87	20.40	
		3	0	19.03	18.80	18.97	20.40	
		3	2	18.95	18.82	18.92	20.40	
		3	3	18.98	18.94	18.89	20.40	
	16QAM	6	0	19.03	18.80	18.98	20.40	
		1	0	19.56	19.71	18.91	20.40	
		1	2	19.30	19.44	19.07	20.40	
		1	5	19.59	19.38	19.24	20.40	
		3	0	18.88	18.84	18.94	20.40	
		3	2	19.01	18.85	18.83	20.40	
	64QAM	3	3	18.99	18.78	18.77	20.40	
		6	0	18.98	18.93	18.76	20.40	
		1	0	19.49	19.62	18.84	20.40	
		1	2	19.35	19.38	18.96	20.40	
		1	5	19.53	19.24	19.16	20.40	
		3	0	18.84	18.85	19.03	20.40	
	3MHz	QPSK	3	2	18.95	18.73	18.80	20.40
			3	3	18.99	18.74	18.70	20.40
			6	0	18.95	18.96	18.79	20.40
Channel			Channel	Channel	Tune up			
20415			20525	20635				
1.4MHz			QPSK	1	0	19.12	18.78	18.74
		1		7	18.87	18.72	18.60	20.40
		1		14	19.07	18.84	18.86	20.40
		8		0	19.02	18.87	18.96	20.40
		8		4	18.93	18.89	18.86	20.40
		8		7	19.06	18.88	18.87	20.40
		16QAM	15	0	18.98	18.87	18.93	20.40
			1	0	19.64	19.72	18.90	20.40
			1	7	19.32	19.45	19.00	20.40
			1	14	19.56	19.33	19.26	20.40
			8	0	18.81	18.85	18.93	20.40
			8	4	18.92	18.87	18.92	20.40
		64QAM	8	7	18.94	18.82	18.74	20.40
			15	0	18.95	18.92	18.78	20.40
			1	0	19.53	19.60	18.91	20.40
			1	7	19.31	19.38	18.94	20.40
	1		14	19.58	19.28	19.33	20.40	
	8		0	18.78	18.90	18.94	20.40	
5MHz	QPSK	8	4	18.97	18.78	18.90	20.40	
		8	7	18.94	18.84	18.75	20.40	
		15	0	18.97	18.84	18.85	20.40	
		Channel	Channel	Channel	Tune up			
		20425	20525	20625				
		1.4MHz	QPSK	1	0	19.04	18.76	18.78
	1			13	18.82	18.72	18.54	20.40
	1			24	19.03	18.86	18.90	20.40
	12			0	19.02	18.80	18.92	20.40
	12			6	18.92	18.88	18.91	20.40
	12			13	19.05	18.86	18.87	20.40
	16QAM		25	0	19.06	18.78	18.94	20.40
			1	0	19.54	19.67	18.91	20.40
			1	13	19.33	19.45	19.08	20.40
			1	24	19.56	19.33	19.23	20.40
			12	0	18.84	18.85	18.95	20.40
			12	6	18.92	18.78	18.85	20.40
	5MHz	QPSK	12	13	18.99	18.82	18.72	20.40
12			6	18.92	18.78	18.85	20.40	
12			13	18.99	18.82	18.72	20.40	
16QAM		25	0	19.01	18.93	18.82	20.40	

		1	0	19.55	19.72	18.91	20.40
		1	13	19.38	19.47	18.98	20.40
		1	24	19.62	19.26	19.31	20.40
	64QAM	12	0	18.77	18.80	19.02	20.40
		12	6	19.03	18.81	18.83	20.40
		12	13	18.88	18.74	18.68	20.40
		25	0	19.06	18.84	18.84	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	19.08	18.73	18.76	20.40
		1	25	18.87	18.76	18.56	20.40
		1	49	19.05	18.86	18.85	20.40
		25	0	19.02	18.83	18.94	20.40
		25	13	18.91	18.86	18.89	20.40
		25	25	19.03	18.91	18.92	20.40
		50	0	19.03	18.82	18.96	20.40
	16QAM	1	0	19.59	19.68	18.89	20.40
		1	25	19.33	19.43	19.04	20.40
		1	49	19.54	19.33	19.23	20.40
		25	0	18.86	18.85	18.95	20.40
		25	13	18.96	18.83	18.87	20.40
		25	25	18.98	18.80	18.74	20.40
		50	0	18.96	18.90	18.79	20.40
	64QAM	1	0	19.58	19.69	18.81	20.40
		1	25	19.28	19.42	19.03	20.40
		1	49	19.49	19.33	19.21	20.40
		25	0	18.76	18.77	19.00	20.40
		25	13	19.01	18.82	18.97	20.40
		25	25	19.08	18.86	18.80	20.40
		50	0	18.96	18.85	18.79	20.40



LTE Band 5 DSI 4/5/6/7				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	23.82	23.38	23.54	24.90	
		1	2	24.01	23.54	23.73	24.90	
		1	5	23.78	23.5	23.9	24.90	
		3	0	23.8	23.63	23.58	24.90	
		3	2	23.95	23.78	23.95	24.90	
		3	3	24.26	23.55	23.35	24.90	
	16QAM	6	0	22.84	22.65	22.58	23.90	
		1	0	22.83	22.81	23.09	23.90	
		1	2	23.46	23.65	23.52	23.90	
		1	5	23.45	22.84	22.99	23.90	
		3	0	22.82	22.54	22.79	23.90	
		3	2	23.36	22.87	22.73	23.90	
	64QAM	3	3	22.65	22.65	22.51	23.90	
		6	0	21.97	21.72	22.41	22.90	
		1	0	22.13	22.27	22.23	22.90	
		1	2	22.1	22.01	22.03	22.90	
		1	5	22.17	22.2	22.13	22.90	
		3	0	21.98	22.09	22.02	22.90	
		3	2	22.07	22.05	22	22.90	
			3	3	22.05	22.12	22.11	22.90
		6	0	21.2	21.02	21.12	21.90	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20415	20525	20635	
3MHz		QPSK	1	0	24.18	24.06	24.09	24.90
	1		7	23.82	23.84	23.79	24.90	
	1		14	24.08	24.11	24.16	24.90	
	8		0	22.79	22.77	22.71	23.90	
	8		4	22.73	22.80	22.74	23.90	
	8		7	22.76	22.78	22.81	23.90	
	16QAM	15	0	22.78	22.67	22.80	23.90	
		1	0	23.29	23.12	23.14	23.90	
		1	7	23.08	22.97	22.98	23.90	
		1	14	23.29	23.44	23.21	23.90	
		8	0	21.89	21.74	21.69	22.90	
		8	4	21.83	21.70	21.69	22.90	
	64QAM	8	7	21.84	21.76	21.70	22.90	
		15	0	21.91	21.71	21.78	22.90	
		1	0	22.32	22.45	22.32	22.90	
		1	7	22.30	22.33	22.44	22.90	
		1	14	22.54	22.23	22.27	22.90	
		8	0	21.27	21.37	21.24	21.90	
		8	4	20.98	21.25	21.00	21.90	
			8	7	21.41	21.19	21.37	21.90
		15	0	21.44	21.10	21.18	21.90	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20425	20525	20625	
5MHz		QPSK	1	0	24.19	23.99	24.10	24.90
	1		13	23.82	23.92	23.79	24.90	
	1		24	24.09	24.11	24.13	24.90	
	12		0	22.82	22.77	22.70	23.90	
	12		6	22.73	22.74	22.82	23.90	
	12		13	22.79	22.76	22.79	23.90	
	16QAM	25	0	22.79	22.67	22.83	23.90	
		1	0	23.25	23.19	23.13	23.90	
		1	13	23.01	22.94	23.02	23.90	
		1	24	23.28	23.47	23.19	23.90	
		12	0	21.81	21.73	21.67	22.90	
		12	6	21.82	21.72	21.77	22.90	
		12	13	21.86	21.71	21.72	22.90	
		25	0	21.85	21.79	21.83	22.90	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20450	20525	20600		
10MHz	64QAM	1	0	22.37	22.46	22.36	22.90	
		1	13	22.36	22.29	22.49	22.90	
		1	24	22.55	22.11	22.21	22.90	
		12	0	21.35	21.40	21.17	21.90	
		12	6	21.13	21.17	21.09	21.90	
		12	13	21.52	21.30	21.23	21.90	
		25	0	21.53	21.04	21.26	21.90	
	10MHz	QPSK	1	0	24.18	24.03	24.07	24.90
			1	25	23.78	23.88	23.81	24.90
			1	49	24.05	24.16	24.15	24.90
			25	0	22.84	22.74	22.74	23.90
			25	13	22.78	22.76	22.77	23.90
			25	25	22.77	22.81	22.82	23.90
			50	0	22.79	22.72	22.81	23.90
		16QAM	1	0	23.24	23.16	23.13	23.90
			1	25	23.04	22.93	23.01	23.90
			1	49	23.31	23.42	23.21	23.90
			25	0	21.85	21.73	21.72	22.90
			25	13	21.84	21.73	21.72	22.90
			25	25	21.85	21.73	21.73	22.90
			50	0	21.90	21.75	21.82	22.90
		64QAM	1	0	22.29	22.46	22.31	22.90
			1	25	22.36	22.36	22.43	22.90
			1	49	22.59	22.14	22.19	22.90
25			0	21.28	21.3	21.16	21.90	
25			13	21.04	21.18	21.04	21.90	
25			25	21.42	21.2	21.32	21.90	
50			0	21.54	21.13	21.25	21.90	

LTE Band 7 DSI 4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	19.34	19.09	19.29	20.30	
		1	13	19.06	18.97	19.13	20.30	
		1	24	19.21	19.12	19.24	20.30	
		12	0	19.09	19.15	19.29	20.30	
		12	6	19.15	19.05	19.10	20.30	
		12	13	19.14	19.05	19.00	20.30	
	16QAM	25	0	19.15	19.07	19.11	20.30	
		1	0	19.99	19.97	19.40	20.30	
		1	13	19.50	19.76	19.52	20.30	
		1	24	19.76	19.67	19.06	20.30	
		12	0	19.17	18.96	19.18	20.30	
		12	6	19.15	19.04	19.14	20.30	
	64QAM	12	13	19.09	19.00	19.10	20.30	
		25	0	19.24	19.05	18.96	20.30	
		1	0	19.55	19.55	19.48	20.30	
		1	13	19.77	19.70	19.59	20.30	
		1	24	19.49	19.68	19.53	20.30	
		12	0	19.14	19.05	19.12	20.30	
	10MHz	QPSK	12	6	19.18	19.13	19.12	20.30
			12	13	19.15	19.07	19.27	20.30
			25	0	19.04	18.98	19.18	20.30
1			0	19.32	19.11	19.28	20.30	
1			25	19.06	19.02	19.11	20.30	
1			49	19.22	19.15	19.24	20.30	
16QAM		25	0	19.12	19.1	19.24	20.30	
		25	13	19.2	19.04	19.08	20.30	
		25	25	19.18	19.09	18.99	20.30	
		50	0	19.17	19.05	19.12	20.30	
		1	0	20.01	20	19.35	20.30	
		1	25	19.52	19.76	19.54	20.30	
64QAM	1	49	19.81	19.66	19.04	20.30		
	25	0	19.2	19.01	19.19	20.30		
	25	13	19.13	18.99	19.09	20.30		
	25	25	19.13	19.04	19.14	20.30		
	50	0	19.19	19.07	19.01	20.30		
	1	0	19.58	19.42	19.32	20.30		
15MHz	QPSK	1	25	19.80	19.68	19.63	20.30	
		1	49	19.56	19.60	19.53	20.30	
		25	0	19.08	19.00	19.11	20.30	
		25	13	19.32	19.17	19.30	20.30	
		25	25	19.19	19.15	19.25	20.30	
		50	0	19.12	19.18	19.19	20.30	
	16QAM	1	0	19.29	19.15	19.02	20.30	
		1	38	19.5	19.22	19.35	20.30	
		1	74	19.22	19.11	19.39	20.30	
		36	0	19.19	18.95	19.18	20.30	
		36	18	19.22	19.12	19.17	20.30	
		36	39	19.28	19.12	19.26	20.30	
16QAM	75	0	19.27	19.1	19.18	20.30		
	1	0	19.53	19.46	19.79	20.30		
	1	38	19.41	19.57	20.07	20.30		
	1	74	19.77	19.51	19.21	20.30		
	36	0	19.1	19.1	19.04	20.30		
	36	18	19.25	19.23	19.32	20.30		
16QAM	36	39	19.41	19.22	19.32	20.30		
	75	0	19.35	19.11	19.27	20.30		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20850	21100	21350			
20MHz	64QAM	1	0	19.66	19.43	19.47	20.30		
		1	38	19.73	19.60	19.67	20.30		
		1	74	19.62	19.67	19.42	20.30		
		36	0	19.15	19.17	18.99	20.30		
		36	18	19.33	19.16	19.29	20.30		
		36	39	19.10	19.21	19.19	20.30		
		75	0	19.07	19.00	19.15	20.30		
	QPSK	QPSK	1	0	19.08	19.00	18.82	20.30	
			1	50	19.07	19.05	19.05	20.30	
			1	99	19.01	18.93	19.03	20.30	
			50	0	19.11	19.08	19.05	20.30	
			50	25	19.19	19.18	19.21	20.30	
			50	50	19.06	19.13	19.18	20.30	
			100	0	19.17	19.14	19.14	20.30	
		16QAM	16QAM	1	0	19.61	19.52	19.40	20.30
				1	50	19.79	19.67	19.67	20.30
				1	99	19.52	19.60	19.48	20.30
				50	0	19.08	19.09	19.03	20.30
				50	25	19.24	19.19	19.21	20.30
				50	50	19.09	19.14	19.19	20.30
				100	0	19.10	19.08	19.10	20.30
		64QAM	64QAM	1	0	19.58	19.54	19.45	20.30
				1	50	19.84	19.73	19.63	20.30
				1	99	19.47	19.59	19.53	20.30
				50	0	19.04	19.11	18.97	20.30
				50	25	19.18	19.13	19.12	20.30
				50	50	19.07	19.20	19.15	20.30
100				0	19.12	19.15	19.02	20.30	

LTE Band 7 DSI 5/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	17.99	17.93	17.86	19.30	
		1	13	18.05	18.00	17.98	19.30	
		1	24	17.93	17.99	18.00	19.30	
		12	0	18.07	17.97	18.05	19.30	
		12	6	18.25	18.18	18.12	19.30	
		12	13	18.10	18.06	18.08	19.30	
	16QAM	25	0	18.14	18.09	18.07	19.30	
		1	0	18.44	18.45	18.40	19.30	
		1	13	18.55	18.72	18.68	19.30	
		1	24	18.43	18.55	18.46	19.30	
		12	0	18.10	18.09	18.06	19.30	
		12	6	18.20	18.16	18.19	19.30	
	64QAM	12	13	18.15	18.14	18.10	19.30	
		25	0	18.08	18.05	18.01	19.30	
		1	0	18.44	18.40	18.52	19.30	
		1	13	18.57	18.78	18.68	19.30	
		1	24	18.37	18.45	18.48	19.30	
		12	0	17.96	18.10	18.03	19.30	
	10MHz	QPSK	12	6	18.11	18.14	18.14	19.30
			12	13	18.10	18.15	18.22	19.30
			12	13	18.10	18.15	18.11	19.30
25			0	18.17	18.12	18.11	19.30	
1			0	17.95	17.90	17.84	19.30	
1			25	18.07	18.03	18.05	19.30	
16QAM		1	49	17.94	17.99	17.99	19.30	
		25	0	18.13	17.99	17.98	19.30	
		25	13	18.21	18.11	18.11	19.30	
		25	25	18.08	18.07	18.10	19.30	
		50	0	18.14	18.12	18.14	19.30	
		1	0	18.52	18.55	18.46	19.30	
64QAM		1	25	18.60	18.68	18.66	19.30	
		1	49	18.44	18.58	18.49	19.30	
		25	0	18.05	18.08	18.05	19.30	
		25	13	18.15	18.12	18.19	19.30	
		25	25	18.14	18.12	18.12	19.30	
		50	0	18.09	18.10	18.02	19.30	
15MHz		QPSK	1	0	18.59	18.50	18.41	19.30
			1	25	18.66	18.74	18.66	19.30
			1	49	18.53	18.51	18.44	19.30
	25		0	18.03	17.96	18.00	19.30	
	25		13	18.19	18.23	18.14	19.30	
	25		25	18.14	18.19	18.09	19.30	
	16QAM	50	0	18.07	18.05	18.02	19.30	
		1	0	17.96	17.95	17.87	19.30	
		1	38	18.09	18.08	18.01	19.30	
		1	74	17.95	18.01	17.97	19.30	
		36	0	18.08	18.04	18.06	19.30	
		36	18	18.23	18.08	18.17	19.30	
	16QAM	36	39	18.07	18.15	18.07	19.30	
		75	0	18.09	18.11	18.05	19.30	
		1	0	18.51	18.49	18.46	19.30	
		1	38	18.58	18.70	18.66	19.30	
		1	74	18.45	18.58	18.46	19.30	
		36	0	18.02	18.10	18.06	19.30	
	16QAM	36	18	18.21	18.11	18.09	19.30	
		36	39	18.14	18.11	18.10	19.30	
		75	0	18.09	18.08	18.08	19.30	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	64QAM	1	0	18.58	18.51	18.44	19.30	
		1	38	18.51	18.67	18.70	19.30	
		1	74	18.37	18.53	18.53	19.30	
		36	0	18.00	18.04	17.98	19.30	
		36	18	18.28	18.14	18.20	19.30	
		36	39	18.10	18.17	18.03	19.30	
		75	0	18.08	18.11	18.04	19.30	
	20MHz	QPSK	1	0	17.97	17.91	17.84	19.30
			1	50	18.23	18.03	18.01	19.30
			1	99	17.93	18.03	17.95	19.30
			50	0	18.08	18.02	18.03	19.30
			50	25	18.20	18.13	18.14	19.30
			50	50	18.10	18.10	18.09	19.30
			100	0	18.10	18.11	18.09	19.30
		16QAM	1	0	18.49	18.50	18.43	19.30
			1	50	18.57	18.68	18.67	19.30
			1	99	18.44	18.55	18.51	19.30
			50	0	18.06	18.06	18.01	19.30
			50	25	18.18	18.16	18.14	19.30
			50	50	18.12	18.11	18.13	19.30
			100	0	18.10	18.05	18.06	19.30
		64QAM	1	0	18.57	18.56	18.40	19.30
			1	50	18.53	18.78	18.75	19.30
			1	99	18.38	18.48	18.43	19.30
			50	0	18.07	18.12	17.93	19.30
			50	25	18.26	18.08	18.23	19.30
			50	50	18.06	18.14	18.07	19.30
100			0	18.06	17.96	18.08	19.30	

LTE Band 7 DSI 7				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	21.53	21.32	21.28	22.80	
		1	13	21.60	21.51	21.57	22.80	
		1	24	21.43	21.45	21.39	22.80	
		12	0	21.58	21.50	21.54	22.80	
		12	6	21.74	21.61	21.67	22.80	
		12	13	21.58	21.63	21.61	22.80	
	16QAM	25	0	21.62	21.56	21.61	22.80	
		1	0	22.06	21.72	21.75	22.80	
		1	13	22.12	21.82	21.81	22.80	
		1	24	21.90	21.80	21.72	22.80	
		12	0	21.69	21.51	21.50	22.80	
		12	6	21.69	21.60	21.67	22.80	
	64QAM	12	13	21.57	21.61	21.57	22.80	
		25	0	21.54	21.48	21.47	22.80	
		1	0	21.46	21.50	21.20	22.80	
		1	13	21.18	20.97	21.81	22.80	
		1	24	21.06	21.22	21.20	22.80	
		12	0	20.41	20.34	20.39	21.80	
	10MHz	QPSK	12	6	20.54	20.49	20.12	21.80
			12	13	20.50	20.28	20.34	21.80
			25	0	20.04	20.20	20.40	21.80
1			0	21.49	21.30	21.24	22.80	
1			25	21.57	21.51	21.53	22.80	
1			49	21.52	21.38	21.39	22.80	
16QAM		25	0	21.55	21.51	21.49	22.80	
		25	13	21.71	21.58	21.58	22.80	
		25	25	21.58	21.58	21.60	22.80	
		50	0	21.59	21.51	21.56	22.80	
		1	0	21.99	21.77	21.69	22.80	
		1	25	22.14	21.81	21.78	22.80	
64QAM	1	49	21.83	21.72	21.70	22.80		
	25	0	21.63	21.53	21.57	22.80		
	25	13	21.68	21.62	21.67	22.80		
	25	25	21.61	21.66	21.59	22.80		
	50	0	21.55	21.55	21.51	22.80		
	1	0	21.52	21.53	21.19	22.80		
15MHz	QPSK	1	25	21.23	21.02	21.63	22.80	
		1	49	21.06	21.09	21.05	22.80	
		25	0	20.37	20.54	20.42	21.80	
		25	13	20.71	20.38	20.24	21.80	
		25	25	20.54	20.22	20.36	21.80	
		50	0	20.11	20.24	20.50	21.80	
	16QAM	1	0	21.56	21.38	21.32	22.80	
		1	38	21.63	21.47	21.54	22.80	
		1	74	21.53	21.40	21.45	22.80	
		36	0	21.60	21.46	21.52	22.80	
		36	18	21.71	21.55	21.67	22.80	
		36	39	21.56	21.57	21.64	22.80	
15MHz	16QAM	75	0	21.64	21.59	21.63	22.80	
		1	0	22.01	21.80	21.72	22.80	
		1	38	22.10	21.80	21.79	22.80	
		1	74	21.91	21.78	21.65	22.80	
		36	0	21.61	21.52	21.56	22.80	
		36	18	21.69	21.54	21.61	22.80	
	15MHz	16QAM	36	39	21.56	21.56	21.58	22.80
			75	0	21.55	21.49	21.57	22.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	64QAM	1	0	21.40	21.64	21.35	22.80	
		1	38	21.20	21.07	21.77	22.80	
		1	74	21.07	21.08	21.10	22.80	
		36	0	20.33	20.37	20.44	21.80	
		36	18	20.66	20.50	20.24	21.80	
		36	39	20.60	20.30	20.36	21.80	
		75	0	20.04	20.17	20.51	21.80	
	20MHz	QPSK	1	0	21.58	21.35	21.27	22.80
			1	50	21.56	21.51	21.53	22.80
			1	99	21.48	21.42	21.43	22.80
			50	0	21.55	21.47	21.52	22.80
			50	25	21.66	21.56	21.69	22.80
			50	50	21.57	21.59	21.59	22.80
			100	0	21.62	21.56	21.58	22.80
		16QAM	1	0	22.01	21.75	21.73	22.80
			1	50	22.09	21.84	21.81	22.80
			1	99	21.88	21.77	21.67	22.80
			50	0	21.65	21.48	21.54	22.80
			50	25	21.65	21.59	21.64	22.80
			50	50	21.56	21.61	21.58	22.80
			100	0	21.58	21.53	21.52	22.80
64QAM		1	0	21.46	21.58	21.28	22.80	
		1	50	21.16	21.06	21.72	22.80	
		1	99	21.15	21.16	21.11	22.80	
		50	0	20.38	20.44	20.35	21.80	
		50	25	20.62	20.46	20.15	21.80	
		50	50	20.50	20.26	20.27	21.80	
		100	0	20.10	20.23	20.47	21.80	



LTE FDD Band 12 DSI 2				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	22.10	22.25	22.27	23.30	
		1	2	22.02	21.92	21.89	23.30	
		1	5	22.07	22.19	22.08	23.30	
		3	0	22.15	22.15	22.07	23.30	
		3	2	22.11	22.08	22.09	23.30	
		3	3	22.12	22.08	21.95	23.30	
	16QAM	6	0	22.10	21.98	22.06	23.30	
		1	0	22.37	22.47	22.09	23.30	
		1	2	22.52	22.38	21.96	23.30	
		1	5	22.50	22.37	22.40	23.30	
		3	0	21.83	21.65	21.63	22.80	
		3	2	21.65	21.52	21.50	22.80	
	64QAM	3	3	21.67	21.54	21.67	22.80	
		6	0	21.74	21.45	21.48	22.80	
		1	0	22.39	22.24	22.26	22.80	
		1	2	22.52	22.24	22.28	22.80	
		1	5	22.12	22.09	22.09	22.80	
		3	0	22.32	22.14	22.15	22.80	
	3MHz	QPSK	3	2	22.22	22.06	22.23	22.80
			3	3	22.11	22.07	22.08	22.80
			3	3	22.11	22.07	22.08	22.80
			6	0	21.07	21.07	21.13	21.80
			1	0	22.09	22.22	22.27	23.30
			1	7	21.98	21.87	21.92	23.30
3MHz	QPSK	1	14	22.12	22.23	22.01	23.30	
		8	0	22.10	22.14	22.12	23.30	
		8	4	22.17	22.07	22.17	23.30	
		8	7	22.16	22.10	21.91	23.30	
		15	0	22.16	22.01	22.05	23.30	
		1	0	22.38	22.38	22.11	23.30	
	16QAM	1	7	22.54	22.40	21.95	23.30	
		1	14	22.52	22.34	22.37	23.30	
		8	0	21.82	21.71	21.55	22.80	
		8	4	21.60	21.53	21.49	22.80	
		8	7	21.67	21.56	21.65	22.80	
		15	0	21.69	21.43	21.53	22.80	
	64QAM	1	0	22.38	22.45	22.38	22.80	
		1	7	22.51	22.27	22.71	22.80	
		1	14	22.17	22.32	22.21	22.80	
		8	0	21.38	21.10	21.18	21.80	
		8	4	21.23	21.09	21.20	21.80	
		8	7	21.12	21.16	21.02	21.80	
	5MHz	QPSK	15	0	21.38	21.19	21.05	21.80
			1	0	22.11	22.24	22.26	23.30
			1	13	21.94	21.91	21.89	23.30
			1	24	22.07	22.22	22.05	23.30
			12	0	22.09	22.22	22.08	23.30
			12	6	22.14	22.09	22.14	23.30
5MHz	16QAM	12	13	22.14	22.10	21.97	23.30	
		25	0	22.10	22.06	22.12	23.30	
		1	0	22.34	22.45	22.09	23.30	
		1	13	22.52	22.38	21.98	23.30	
		1	24	22.51	22.32	22.34	23.30	
		12	0	21.85	21.66	21.60	22.80	
	16QAM	12	6	21.66	21.53	21.51	22.80	
		12	13	21.69	21.56	21.67	22.80	
		25	0	21.76	21.49	21.49	22.80	

		1	0	22.55	22.52	22.40	22.80
		1	13	22.39	22.40	22.72	22.80
		1	24	22.19	22.28	22.11	22.80
	64QAM	12	0	21.29	21.16	21.22	21.80
		12	6	21.30	21.16	21.20	21.80
		12	13	21.18	21.06	20.99	21.80
		25	0	21.20	21.04	21.09	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	22.09	22.22	22.22	23.30
		1	25	21.97	21.91	21.88	23.30
		1	49	22.09	22.19	22.05	23.30
		25	0	22.12	22.23	22.08	23.30
		25	13	22.16	22.04	22.13	23.30
		25	25	22.15	22.10	21.96	23.30
		50	0	22.14	22.02	22.09	23.30
	16QAM	1	0	22.38	22.43	22.10	23.30
		1	25	22.55	22.42	21.94	23.30
		1	49	22.52	22.35	22.38	23.30
		25	0	21.83	21.70	21.59	22.80
		25	13	21.64	21.52	21.53	22.80
		25	25	21.67	21.59	21.66	22.80
		50	0	21.74	21.44	21.50	22.80
	64QAM	1	0	22.36	22.49	22.36	22.80
		1	25	22.39	22.41	22.68	22.80
		1	49	22.12	22.35	22.06	22.80
		25	0	21.28	21.17	21.16	21.80
		25	13	21.13	21.01	21.14	21.80
		25	25	21.12	21.02	20.99	21.80
		50	0	21.21	21.08	21.06	21.80

LTE FDD Band 12 DSI 3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	21.32	21.19	21.12	22.30	
		1	2	21.12	20.91	20.87	22.30	
		1	5	21.13	21.11	21.01	22.30	
		3	0	21.22	21.04	21.12	22.30	
		3	2	21.29	21.07	21.07	22.30	
		3	3	21.15	21.04	21.05	22.30	
	16QAM	6	0	21.12	20.99	20.98	22.30	
		1	0	21.43	21.27	21.46	22.30	
		1	2	21.52	21.53	21.58	22.30	
		1	5	21.41	21.13	21.64	22.30	
		3	0	21.34	20.99	21.09	22.30	
		3	2	21.26	20.88	21.02	22.30	
	64QAM	3	3	21.13	21.05	20.93	22.30	
		6	0	21.24	20.95	21.03	22.30	
		1	0	21.33	21.32	21.33	22.30	
		1	2	21.48	21.41	21.50	22.30	
		1	5	21.35	21.32	21.23	22.30	
		3	0	21.17	21.13	21.03	22.30	
	3MHz	QPSK	3	2	21.20	21.20	21.10	22.30
			3	3	21.25	21.31	21.41	22.30
			6	0	20.29	20.34	20.39	21.80
1			0	21.42	21.24	21.10	22.30	
1			7	21.17	20.93	20.87	22.30	
1			14	21.12	21.08	21.01	22.30	
16QAM		8	0	21.30	21.10	21.04	22.30	
		8	4	21.29	21.07	21.07	22.30	
		8	7	21.17	21.09	21.11	22.30	
		15	0	21.15	20.96	21.04	22.30	
		1	0	21.37	21.29	21.52	22.30	
		1	7	21.57	21.58	21.54	22.30	
64QAM	1	14	21.44	21.15	21.71	22.30		
	8	0	21.34	20.99	21.17	22.30		
	8	4	21.20	20.88	21.11	22.30		
	8	7	21.08	21.05	20.91	22.30		
	15	0	21.21	20.96	21.04	22.30		
	1	0	21.44	21.25	21.52	22.30		
5MHz	QPSK	1	7	21.56	21.45	21.51	22.30	
		1	14	21.32	21.09	21.77	22.30	
		8	0	21.39	21.02	21.15	21.80	
		8	4	21.16	21.12	21.05	21.80	
		8	7	21.08	21.12	21.07	21.80	
		15	0	21.31	21.12	20.98	21.80	
	16QAM	1	0	21.32	21.23	21.10	22.30	
		1	13	21.15	20.91	20.87	22.30	
		1	24	21.10	21.07	21.03	22.30	
		12	0	21.24	21.09	21.02	22.30	
		12	6	21.24	20.97	21.03	22.30	
		12	13	21.14	21.08	21.05	22.30	
5MHz	QPSK	25	0	21.18	20.96	21.04	22.30	
		1	0	21.44	21.22	21.46	22.30	
		1	13	21.54	21.60	21.51	22.30	
		1	24	21.39	21.12	21.68	22.30	
		12	0	21.30	20.96	21.16	22.30	
		12	6	21.19	20.91	21.06	22.30	
	16QAM	12	13	21.12	21.10	20.85	22.30	
		25	0	21.23	20.96	21.07	22.30	

		1	0	21.47	21.33	21.53	22.30
		1	13	21.58	21.61	21.49	22.30
		1	24	21.33	21.04	21.62	22.30
	64QAM	12	0	21.25	21.14	21.18	21.80
		12	6	21.32	21.13	21.19	21.80
		12	13	21.19	21.22	21.05	21.80
		25	0	21.38	21.02	21.10	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	21.37	21.20	21.10	22.30
		1	25	21.13	20.91	20.82	22.30
		1	49	21.11	21.09	21.06	22.30
		25	0	21.25	21.07	21.07	22.30
		25	13	21.25	21.02	21.07	22.30
		25	25	21.13	21.08	21.10	22.30
		50	0	21.13	20.97	21.03	22.30
	16QAM	1	0	21.40	21.27	21.49	22.30
		1	25	21.55	21.55	21.56	22.30
		1	49	21.39	21.13	21.67	22.30
		25	0	21.33	21.01	21.13	22.30
		25	13	21.21	20.92	21.07	22.30
		25	25	21.12	21.06	20.89	22.30
		50	0	21.22	21.00	21.03	22.30
	64QAM	1	0	21.46	21.30	21.59	22.30
		1	25	21.64	21.54	21.60	22.30
		1	49	21.41	21.23	21.58	22.30
		25	0	21.32	21.04	21.14	21.80
		25	13	21.23	21.10	21.18	21.80
		25	25	21.17	21.21	20.95	21.80
		50	0	21.18	21.05	20.98	21.80

LTE FDD Band 12 DSI 4/5/6/7				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	23.62	23.65	23.72	24.80	
		1	2	23.78	23.66	23.67	24.80	
		1	5	23.55	23.49	23.62	24.80	
		3	0	23.79	23.52	23.59	24.80	
		3	2	23.45	23.6	23.81	24.80	
		3	3	23.83	23.59	23.58	24.80	
	16QAM	6	0	22.73	22.48	22.7	23.80	
		1	0	23.2	23.38	23.12	23.80	
		1	2	22.61	23.13	23.37	23.80	
		1	5	22.73	23.15	22.62	23.80	
		3	0	22.78	22.63	22.8	23.80	
		3	2	22.85	22.53	22.63	23.80	
	64QAM	3	3	22.55	22.68	22.66	23.80	
		6	0	21.72	21.65	21.99	22.80	
		1	0	22.45	22.19	22.24	22.80	
		1	2	22.42	22.26	22.22	22.80	
		1	5	22.21	22.08	22.17	22.80	
		3	0	22.3	22.11	22.17	22.80	
	3MHz	QPSK	3	2	22.18	22.04	22.13	22.80
			3	3	22.17	22.03	22.16	22.80
			6	0	21.12	21.02	21.13	21.80
1			0	23.99	23.68	24.08	24.80	
1			7	23.63	23.48	23.74	24.80	
1			14	23.74	23.65	23.91	24.80	
16QAM		8	0	22.70	22.63	22.75	23.80	
	8	4	22.67	22.58	22.57	23.80		
	8	7	22.72	22.66	22.65	23.80		
	15	0	22.75	22.57	22.64	23.80		
	1	0	23.14	23.00	23.05	23.80		
	1	7	22.99	22.63	22.91	23.80		
64QAM	1	14	22.93	22.84	22.92	23.80		
	8	0	21.72	21.66	21.56	22.80		
	8	4	21.68	21.60	21.57	22.80		
	8	7	21.59	21.70	21.64	22.80		
	15	0	21.69	21.46	21.69	22.80		
	1	0	22.39	22.52	22.39	22.80		
5MHz	QPSK	1	7	22.57	22.32	22.77	22.80	
		1	14	22.13	22.36	22.14	22.80	
		8	0	21.41	21.01	21.12	21.80	
		8	4	21.14	21.09	21.18	21.80	
		8	7	21.12	21.12	20.99	21.80	
		15	0	21.21	21.13	21.16	21.80	
	16QAM	1	0	24.04	23.76	24.08	24.80	
1		13	23.64	23.49	23.65	24.80		
1		24	23.79	23.65	23.84	24.80		
12		0	22.74	22.61	22.67	23.80		
12		6	22.71	22.63	22.53	23.80		
12		13	22.68	22.60	22.57	23.80		
25		0	22.75	22.59	22.64	23.80		
1		0	23.11	22.97	23.06	23.80		
1		13	22.99	22.62	22.92	23.80		
1		24	22.99	22.91	22.89	23.80		
16QAM	12	0	21.75	21.70	21.52	22.80		
	12	6	21.66	21.53	21.63	22.80		
	12	13	21.62	21.67	21.58	22.80		
	25	0	21.72	21.55	21.59	22.80		

		1	0	22.49	22.50	22.37	22.80
		1	13	22.41	22.31	22.68	22.80
		1	24	22.14	22.41	22.11	22.80
	64QAM	12	0	21.32	21.01	21.12	21.80
		12	6	21.27	21.04	21.07	21.80
		12	13	21.09	21.13	21.05	21.80
		25	0	21.28	21.08	21.15	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	24.00	23.73	24.08	24.80
		1	25	23.67	23.47	23.69	24.80
		1	49	23.79	23.69	23.86	24.80
		25	0	22.69	22.62	22.70	23.80
		25	13	22.67	22.60	22.58	23.80
		25	25	22.68	22.65	22.62	23.80
		50	0	22.74	22.55	22.60	23.80
	16QAM	1	0	23.12	23.01	23.03	23.80
		1	25	22.98	22.66	22.88	23.80
		1	49	22.94	22.86	22.89	23.80
		25	0	21.74	21.66	21.57	22.80
		25	13	21.68	21.56	21.59	22.80
		25	25	21.62	21.69	21.60	22.80
		50	0	21.74	21.51	21.64	22.80
	64QAM	1	0	22.45	22.47	22.35	22.80
		1	25	22.48	22.36	22.74	22.80
		1	49	22.21	22.32	22.16	22.80
		25	0	21.35	21.11	21.17	21.80
		25	13	21.23	21.06	21.14	21.80
		25	25	21.15	21.12	20.97	21.80
		50	0	21.28	21.1	21.07	21.80

LTE FDD Band 13 DSI 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	22.07	22.08	22.13	23.30
		1	13	22.04	21.88	22	23.30
		1	24	21.86	21.91	21.97	23.30
		12	0	21.89	21.94	22.04	23.30
		12	6	21.94	22.14	21.84	23.30
		12	13	22.06	21.87	22.15	23.30
	16QAM	25	0	21.87	22.1	22.08	23.30
		1	0	22.16	22.28	22.34	23.30
		1	13	22.42	22.4	22.33	23.30
		1	24	22.39	21.91	22.56	23.30
		12	0	21.53	21.63	21.49	22.80
		12	6	21.65	21.59	21.4	22.80
	64QAM	12	13	21.45	21.5	21.65	22.80
		25	0	21.55	21.47	21.47	22.80
		1	0	22.25	22.27	22.33	22.80
		1	13	22.17	22.00	21.98	22.80
		1	24	22.37	22.45	22.42	22.80
		12	0	21.08	21.07	21.11	21.80
		12	6	20.89	20.88	21.06	21.80
		12	13	20.94	20.85	20.95	21.80
		25	0	20.88	20.97	20.89	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
10MHz	QPSK	1	0	/	22.68	/	23.30
		1	25	/	21.91	/	23.30
		1	49	/	22.15	/	23.30
		25	0	/	22.1	/	23.30
		25	13	/	21.9	/	23.30
		25	25	/	21.85	/	23.30
		50	0	/	21.89	/	23.30
	16QAM	1	0	/	22.59	/	23.30
		1	25	/	21.76	/	23.30
		1	49	/	22.18	/	23.30
		25	0	/	21.56	/	22.80
		25	13	/	21.42	/	22.80
		25	25	/	21.3	/	22.80
	64QAM	50	0	/	21.45	/	22.80
		1	0	/	22.33	/	22.80
		1	25	/	21.99	/	22.80
		1	49	/	22.27	/	22.80
		25	0	/	21.07	/	21.80
		25	13	/	20.91	/	21.80
		25	25	/	20.95	/	21.80
		50	0	/	20.93	/	21.80

LTE FDD Band 13 DSI 3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23205	23230	23255		
5MHz	QPSK	1	0	21.31	21.07	21.24	22.30	
		1	13	21.18	20.66	21.14	22.30	
		1	24	21.07	20.85	21.18	22.30	
		12	0	20.82	20.70	20.98	22.30	
		12	6	20.96	21.03	20.92	22.30	
		12	13	20.88	20.84	21.22	22.30	
	16QAM	25	0	20.88	20.90	20.86	22.30	
		1	0	20.97	21.42	21.44	22.30	
		1	13	21.37	21.41	21.46	22.30	
		1	24	21.18	20.67	21.36	22.30	
		12	0	20.74	20.53	20.52	22.30	
		12	6	20.65	20.74	20.15	22.30	
	64QAM	12	13	20.48	20.72	20.89	22.30	
		25	0	20.68	20.53	20.40	22.30	
		1	0	21.34	21.16	21.27	22.30	
		1	13	21.40	21.29	21.38	22.30	
		1	24	21.24	21.22	21.28	22.30	
		12	0	21.06	20.95	20.96	21.80	
	10MHz	QPSK	12	6	21.02	20.86	20.89	21.80
			12	13	20.97	20.93	20.93	21.80
			12	13	20.97	20.93	20.93	21.80
16QAM		25	0	20.91	20.87	20.96	21.80	
		1	0	/	23230	/	Tune up	
		1	0	/	21.24	/	22.30	
		1	25	/	20.91	/	22.30	
		1	49	/	21.13	/	22.30	
		25	0	/	21.09	/	22.30	
64QAM	25	13	/	20.89	/	22.30		
	25	25	/	20.83	/	22.30		
	50	0	/	20.89	/	22.30		
	1	0	/	21.26	/	22.30		
	1	25	/	20.67	/	22.30		
	1	49	/	21.47	/	22.30		
16QAM	25	0	/	21.06	/	22.30		
	25	13	/	21.06	/	22.30		
	25	25	/	20.93	/	22.30		
	50	0	/	20.93	/	22.30		
	64QAM	1	0	/	21.26	/	22.30	
		1	25	/	21.30	/	22.30	
		1	49	/	21.25	/	22.30	
		25	0	/	21.01	/	21.80	
		25	13	/	20.94	/	21.80	
25		25	/	20.87	/	21.80		
50	0	/	20.93	/	21.80			



LTE FDD Band 13 DSI 4/5/6/7				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23205	23230	23255		
5MHz	QPSK	1	0	23.62	23.77	23.41	24.80	
		1	13	23.59	23.74	23.7	24.80	
		1	24	23.31	23.53	23.08	24.80	
		12	0	22.5	22.5	22.57	23.80	
		12	6	22.22	22.26	22.21	23.80	
		12	13	22.47	22.53	22.29	23.80	
	16QAM	25	0	22.54	22.47	22.58	23.80	
		1	0	22.9	22.9	22.58	23.80	
		1	13	22.86	22.23	22.53	23.80	
		1	24	22.28	22.71	22.67	23.80	
		12	0	21.19	21.5	21.65	22.80	
		12	6	21.53	21.69	21.6	22.80	
	64QAM	12	13	21.3	21.51	21.34	22.80	
		25	0	21.47	21.69	21.15	22.80	
		1	0	22.42	22.34	22.37	22.80	
		1	13	22.14	22.13	22.10	22.80	
		1	24	22.33	22.33	22.38	22.80	
		12	0	21.10	21.08	21.16	21.80	
	10MHz	QPSK	12	6	20.87	20.88	21.00	21.80
			12	13	20.87	20.80	20.90	21.80
			25	0	21.00	20.95	20.98	21.80
1			0	/	23230	/	24.80	
1			25	/	23.66	/	24.80	
1			49	/	23.51	/	24.80	
16QAM		25	0	/	22.61	/	23.80	
		25	13	/	22.45	/	23.80	
		25	25	/	22.42	/	23.80	
		50	0	/	22.49	/	23.80	
		1	0	/	22.97	/	23.80	
		1	25	/	22.48	/	23.80	
64QAM	1	49	/	22.76	/	23.80		
	25	0	/	21.64	/	22.80		
	25	13	/	21.48	/	22.80		
	25	25	/	21.39	/	22.80		
	50	0	/	21.47	/	22.80		
	1	0	/	22.32	/	22.80		
64QAM	1	25	/	22.08	/	22.80		
	1	49	/	22.35	/	22.80		
	25	0	/	21.09	/	21.80		
	25	13	/	20.97	/	21.80		
	25	25	/	20.85	/	21.80		
	50	0	/	20.91	/	21.80		

LTE FDD Band 17 DSI 2				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23755	23790	23825		
5MHz	QPSK	1	0	22.47	22.53	22.44	23.30	
		1	13	22.33	22.13	22.11	23.30	
		1	24	22.63	22.39	22.25	23.30	
		12	0	22.22	22.21	22.29	23.30	
		12	6	22.26	22.15	22.16	23.30	
		12	13	22.25	22.15	22.10	23.30	
	16QAM	25	0	22.15	22.32	22.27	23.30	
		1	0	22.85	22.98	22.39	23.30	
		1	13	22.11	22.57	22.13	23.30	
		1	24	22.33	22.33	22.28	23.30	
		12	0	21.73	21.75	21.71	22.80	
		12	6	21.72	21.77	21.81	22.80	
	64QAM	12	13	21.68	21.54	21.52	22.80	
		25	0	21.77	21.84	21.78	22.80	
		1	0	22.55	22.79	21.28	22.80	
		1	13	22.63	22.70	21.94	22.80	
		1	24	22.49	21.29	21.28	22.80	
		12	0	21.29	20.42	20.17	21.80	
	10MHz	QPSK	12	6	21.42	20.18	20.26	21.80
			12	13	21.33	20.12	20.18	21.80
			12	13	21.33	20.20	20.21	21.80
25			0	21.33	20.20	20.21	21.80	
1			0	22.48	22.53	22.46	23.30	
1			25	22.36	22.16	22.12	23.30	
1			49	22.61	22.34	22.22	23.30	
16QAM		25	0	22.24	22.19	22.27	23.30	
		25	13	22.26	22.18	22.21	23.30	
		25	25	22.29	22.16	22.10	23.30	
		50	0	22.19	22.32	22.23	23.30	
		1	0	22.99	22.98	22.40	23.30	
		1	25	22.06	22.53	22.18	23.30	
		1	49	22.33	22.37	22.26	23.30	
64QAM		25	0	21.74	21.73	21.72	22.80	
	25	13	21.75	21.81	21.76	22.80		
	25	25	21.67	21.58	21.49	22.80		
	50	0	21.76	21.83	21.83	22.80		
	1	0	22.55	22.68	21.38	22.80		
	1	25	22.61	22.76	21.94	22.80		
	1	49	22.44	21.18	21.25	22.80		
10MHz	64QAM	25	0	21.30	20.25	20.22	21.80	
		25	13	21.32	20.17	20.24	21.80	
		25	25	21.34	20.01	20.14	21.80	
		50	0	21.32	20.38	20.12	21.80	
		25	0	21.30	20.25	20.22	21.80	
		25	13	21.32	20.17	20.24	21.80	

LTE FDD Band 17 DSI 3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23755	23790	23825		
5MHz	QPSK	1	0	21.30	21.41	21.35	22.30	
		1	13	21.17	21.14	21.22	22.30	
		1	24	21.25	21.38	21.21	22.30	
		12	0	21.30	21.23	21.31	22.30	
		12	6	21.30	21.36	21.35	22.30	
		12	13	21.37	21.16	21.17	22.30	
	16QAM	25	0	21.28	21.27	21.30	22.30	
		1	0	21.63	21.96	21.60	22.30	
		1	13	21.45	21.80	21.50	22.30	
		1	24	21.66	21.80	21.29	22.30	
		12	0	21.18	21.31	21.33	22.30	
		12	6	21.30	21.21	21.23	22.30	
	64QAM	12	13	21.36	21.27	21.22	22.30	
		25	0	21.38	21.24	21.34	22.30	
		1	0	21.41	21.27	21.25	22.30	
		1	13	21.39	21.25	21.09	22.30	
		1	24	21.34	21.36	21.34	22.30	
		12	0	21.30	20.31	20.22	21.80	
	10MHz	QPSK	12	6	21.26	20.31	20.27	21.80
			12	13	21.21	20.08	20.30	21.80
			12	13	21.21	20.08	20.30	21.80
25			0	21.25	20.29	20.20	21.80	
1			0	21.30	21.41	21.30	22.30	
1			25	21.21	21.19	21.21	22.30	
16QAM		1	49	21.30	21.38	21.26	22.30	
		25	0	21.28	21.27	21.29	22.30	
		25	13	21.31	21.31	21.30	22.30	
		25	25	21.32	21.18	21.21	22.30	
		50	0	21.24	21.27	21.29	22.30	
		1	0	21.67	22.00	21.61	22.30	
64QAM	1	25	21.40	21.76	21.51	22.30		
	1	49	21.63	21.75	21.34	22.30		
	25	0	21.18	21.29	21.31	22.30		
	25	13	21.35	21.26	21.19	22.30		
	25	25	21.32	21.29	21.17	22.30		
	50	0	21.33	21.28	21.36	22.30		
10MHz	64QAM	1	0	21.28	21.33	21.25	22.30	
		1	25	21.24	21.24	21.23	22.30	
		1	49	21.32	21.22	21.43	22.30	
		25	0	21.21	20.31	20.26	21.80	
		25	13	21.25	20.36	20.24	21.80	
		25	25	21.21	19.98	20.23	21.80	
10MHz	64QAM	50	0	21.18	20.32	20.23	21.80	

LTE FDD Band 17 DSI 4/5/6/7				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23755	23790	23825		
5MHz	QPSK	1	0	23.93	23.89	24.01	24.80	
		1	13	24.05	23.69	23.80	24.80	
		1	24	24.04	23.87	23.92	24.80	
		12	0	22.76	22.74	22.71	23.80	
		12	6	22.63	22.79	22.80	23.80	
		12	13	22.80	22.59	22.76	23.80	
	16QAM	25	0	22.68	22.69	22.73	23.80	
		1	0	23.09	22.60	22.80	23.80	
		1	13	23.13	22.64	22.96	23.80	
		1	24	22.90	22.96	23.12	23.80	
		12	0	21.66	21.83	21.81	22.80	
		12	6	21.78	21.81	21.80	22.80	
	64QAM	12	13	21.69	21.73	21.58	22.80	
		25	0	21.64	21.78	21.69	22.80	
		1	0	22.37	22.73	21.26	22.80	
		1	13	22.62	22.65	21.87	22.80	
		1	24	22.38	21.29	21.35	22.80	
		12	0	21.28	20.42	20.21	21.80	
	10MHz	QPSK	12	6	21.38	20.17	20.17	21.80
			12	13	21.21	20.02	20.26	21.80
			12	13	21.21	20.02	20.26	21.80
25			0	21.30	20.26	20.25	21.80	
1			0	23.96	23.85	24.04	24.80	
1			25	24.06	23.65	23.77	24.80	
16QAM		1	49	24.07	23.92	23.94	24.80	
		25	0	22.73	22.77	22.72	23.80	
		25	13	22.68	22.83	22.80	23.80	
		25	25	22.77	22.58	22.71	23.80	
		50	0	22.69	22.69	22.76	23.80	
		1	0	23.10	22.60	22.85	23.80	
64QAM	1	25	23.11	22.62	22.97	23.80		
	1	49	22.91	22.99	23.17	23.80		
	25	0	21.71	21.83	21.76	22.80		
	25	13	21.75	21.76	21.77	22.80		
	25	25	21.67	21.78	21.54	22.80		
	50	0	21.69	21.76	21.69	22.80		
16QAM	1	0	22.45	22.69	21.33	22.80		
	1	25	22.56	22.7	21.87	22.80		
	1	49	22.46	21.24	21.26	22.80		
	25	0	21.3	20.32	20.25	21.80		
	25	13	21.32	20.27	20.26	21.80		
	25	25	21.24	20.06	20.2	21.80		
64QAM	50	0	21.24	20.3	20.21	21.80		

LTE Band 18 DSI 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23875	23925	23975	
5MHz	QPSK	1	0	19.9	19.85	19.59	20.50
		1	13	19.83	19.71	19.61	20.50
		1	24	19.78	19.74	19.54	20.50
		12	0	19.87	19.82	19.81	20.50
		12	6	19.89	19.82	19.78	20.50
		12	13	19.8	19.84	19.7	20.50
	25	0	19.85	19.91	19.73	20.50	
	16QAM	1	0	20.12	20.47	20.04	20.50
		1	13	20.15	20	20.11	20.50
		1	24	19.9	20.11	19.92	20.50
		12	0	19.91	19.83	19.72	20.50
		12	6	19.91	19.96	19.76	20.50
		12	13	19.89	19.83	19.7	20.50
	25	0	19.85	19.81	19.59	20.50	
	64QAM	1	0	19.14	19.10	19.09	20.50
		1	13	18.97	18.96	19.11	20.50
		1	24	18.86	19.05	18.85	20.50
		12	0	18.88	19.04	18.94	20.50
12		6	19.03	18.93	18.96	20.50	
12		13	18.96	18.95	19.11	20.50	
25	0	18.84	18.85	18.82	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	19.73	19.73	19.61	20.50
		1	25	19.83	19.9	19.64	20.50
		1	49	19.65	19.68	19.49	20.50
		25	0	19.83	19.94	19.69	20.50
		25	13	19.96	19.97	19.71	20.50
		25	25	19.55	19.6	19.73	20.50
	50	0	19.68	20.16	19.52	20.50	
	16QAM	1	0	20.12	20.14	19.82	20.50
		1	25	19.95	20	20.23	20.50
		1	49	19.93	19.92	20.01	20.50
		25	0	19.73	20.02	19.85	20.50
		25	13	20	19.83	19.92	20.50
		25	25	20.12	19.58	19.46	20.50
	50	0	19.84	19.81	19.37	20.50	
	64QAM	1	0	19.03	19.15	19.08	20.50
		1	25	18.96	19.09	18.91	20.50
		1	49	19.02	18.87	19.01	20.50
		25	0	18.86	19.01	19.00	20.50
25		13	18.99	19.01	18.91	20.50	
25		25	19.11	18.96	19.01	20.50	
50	0	18.86	18.78	18.76	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	/	23925	/	20.50
		1	38	/	19.40	/	20.50
		1	74	/	19.31	/	20.50
		36	0	/	19.44	/	20.50
		36	18	/	19.34	/	20.50
		36	39	/	19.26	/	20.50
	75	0	/	19.32	/	20.50	
	16QAM	1	0	/	19.53	/	20.50
		1	38	/	19.71	/	20.50
		1	74	/	19.41	/	20.50
		36	0	/	19.29	/	20.50
		36	18	/	19.27	/	20.50
		36	39	/	19.11	/	20.50
	75	0	/	19.18	/	20.50	
	64QAM	1	0	/	19.11	/	20.50
		1	38	/	19.01	/	20.50
		1	74	/	18.95	/	20.50
		36	0	/	18.96	/	20.50
36		18	/	18.99	/	20.50	
36		39	/	19.02	/	20.50	
75	0	/	18.85	/	20.50		

LTE Band 18 DSI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23875	23925	23975	
5MHz	QPSK	1	0	18.65	18.21	18.30	19.50
		1	13	18.19	18.33	18.14	19.50
		1	24	18.47	18.30	18.06	19.50
		12	0	18.52	18.45	18.12	19.50
		12	6	18.23	18.22	18.31	19.50
		12	13	18.11	18.25	18.21	19.50
	25	0	18.51	18.27	18.40	19.50	
	16QAM	1	0	18.96	18.92	18.58	19.50
		1	13	18.83	18.53	18.50	19.50
		1	24	18.56	18.60	18.51	19.50
		12	0	18.25	18.21	18.47	19.50
		12	6	18.38	18.68	18.34	19.50
		12	13	18.38	18.32	18.42	19.50
	25	0	18.19	18.26	18.18	19.50	
	64QAM	1	0	19.26	19.08	18.61	19.50
		1	13	18.77	18.68	18.49	19.50
		1	24	18.65	18.32	18.54	19.50
		12	0	18.64	18.29	18.05	19.50
12		6	18.45	18.37	18.23	19.50	
12		13	18.49	18.39	18.12	19.50	
25	0	18.39	18.49	18.34	19.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	18.61	18.29	18.24	19.50
		1	25	18.27	18.20	18.30	19.50
		1	49	18.23	18.07	18.27	19.50
		25	0	18.61	18.19	18.17	19.50
		25	13	18.39	18.13	18.12	19.50
		25	25	18.54	18.45	18.27	19.50
	50	0	18.39	18.21	18.21	19.50	
	16QAM	1	0	19.18	19.08	18.59	19.50
		1	25	18.73	18.67	18.49	19.50
		1	49	18.64	18.38	18.56	19.50
		25	0	18.54	18.28	18.13	19.50
		25	13	18.39	18.43	18.13	19.50
		25	25	18.40	18.31	18.18	19.50
	50	0	18.29	18.45	18.33	19.50	
	64QAM	1	0	19.28	19.04	18.55	19.50
		1	25	18.81	18.61	18.39	19.50
		1	49	18.72	18.33	18.51	19.50
		25	0	18.47	18.33	18.09	19.50
25		13	18.33	18.46	18.16	19.50	
25		25	18.36	18.30	18.25	19.50	
50	0	18.19	18.50	18.41	19.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	/	23925	/	19.50
		1	38	/	18.30	/	19.50
		1	74	/	18.24	/	19.50
		36	0	/	18.36	/	19.50
		36	18	/	18.30	/	19.50
		36	39	/	18.24	/	19.50
	75	0	/	18.28	/	19.50	
	16QAM	1	0	/	18.52	/	19.50
		1	38	/	18.46	/	19.50
		1	74	/	18.39	/	19.50
		36	0	/	18.26	/	19.50
		36	18	/	18.18	/	19.50
		36	39	/	18.10	/	19.50
	75	0	/	18.13	/	19.50	
	64QAM	1	0	/	18.98	/	19.50
		1	38	/	18.75	/	19.50
		1	74	/	18.30	/	19.50
		36	0	/	18.37	/	19.50
36		18	/	18.45	/	19.50	
36		39	/	18.33	/	19.50	
75	0	/	18.53	/	19.50		

LTE Band 18 DSI 4/5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23875	23925	23975	
5MHz	QPSK	1	0	23.19	23.2	23.19	24.00
		1	13	23.27	23.12	23.24	24.00
		1	24	23.12	23.16	23	24.00
		12	0	22.43	22.26	22.26	23.00
		12	6	22.35	22.36	22.23	23.00
		12	13	22.36	22.24	22.23	23.00
	16QAM	25	0	22.37	22.3	22.2	23.00
		1	0	22.7	22.49	22.66	23.00
		1	13	22.9	22.15	22.44	23.00
		1	24	22.54	22.42	22.35	23.00
		12	0	21.45	21.27	21.29	22.00
		12	6	21.37	21.29	21.25	22.00
		12	13	21.34	21.33	21.15	22.00
		25	0	21.42	21.3	21.25	22.00
		64QAM	1	0	21.66	21.97	21.91
	1		13	21.58	21.52	21.48	22.00
	1		24	21.28	21.32	21.27	22.00
	12		0	20.33	20.47	20.29	21.00
	12		6	20.22	20.24	20.32	21.00
	12		13	20.29	20.14	20.33	21.00
	25		0	20.20	20.26	20.18	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	23.19	23.17	23.18	24.00
		1	25	23.28	23.07	23.26	24.00
		1	49	23.16	23.17	22.97	24.00
		25	0	22.43	22.30	22.21	23.00
		25	13	22.30	22.41	22.21	23.00
		25	25	22.36	22.28	22.21	23.00
		50	0	22.42	22.31	22.22	23.00
	16QAM	1	0	22.75	22.53	22.61	23.00
		1	25	22.93	22.18	22.39	23.00
		1	49	22.57	22.41	22.31	23.00
		25	0	21.49	21.26	21.31	22.00
		25	13	21.38	21.30	21.23	22.00
		25	25	21.35	21.36	21.18	22.00
		50	0	21.38	21.27	21.22	22.00
	64QAM	1	0	21.61	21.80	21.76	22.00
		1	25	21.52	21.68	21.47	22.00
		1	49	21.32	21.25	21.23	22.00
		25	0	20.35	20.39	20.30	21.00
		25	13	20.23	20.20	20.23	21.00
		25	25	20.20	20.23	20.17	21.00
		50	0	20.27	20.23	20.18	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	/	23925	/	24.00
		1	38	/	22.81	/	24.00
		1	74	/	22.69	/	24.00
		36	0	/	21.79	/	23.00
		36	18	/	21.72	/	23.00
		36	39	/	21.64	/	23.00
		75	0	/	21.67	/	23.00
	16QAM	1	0	/	22.00	/	23.00
		1	38	/	21.94	/	23.00
		1	74	/	21.86	/	23.00
		36	0	/	20.73	/	22.00
		36	18	/	20.65	/	22.00
		36	39	/	20.58	/	22.00
		75	0	/	20.62	/	22.00
	64QAM	1	0	/	21.78	/	22.00
		1	38	/	21.52	/	22.00
		1	74	/	21.36	/	22.00
		36	0	/	20.37	/	21.00
		36	18	/	20.25	/	21.00
		36	39	/	20.17	/	21.00
		75	0	/	20.18	/	21.00

LTE Band 19 DSI 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				24.25	24075	24125	
5MHz	QPSK	1	0	19.73	19.8	19.58	20.50
		1	13	19.81	19.71	19.71	20.50
		1	24	19.77	19.76	19.68	20.50
		12	0	19.89	19.77	19.72	20.50
		12	6	19.81	19.81	19.79	20.50
		12	13	19.82	19.84	19.73	20.50
	25	0	19.91	19.74	19.72	20.50	
	16QAM	1	0	19.62	20.01	20.2	20.50
		1	13	19.62	20.21	19.86	20.50
		1	24	20.34	20.07	20.13	20.50
		12	0	19.81	19.59	19.66	20.50
		12	6	19.73	19.62	19.72	20.50
		12	13	19.79	19.64	19.7	20.50
	25	0	19.67	19.66	19.72	20.50	
	64QAM	1	0	18.96	19.07	19.03	20.50
		1	13	18.92	18.91	18.82	20.50
		1	24	18.93	19.08	18.99	20.50
		12	0	19.11	19.10	18.99	20.50
12		6	19.05	19.05	19.15	20.50	
12		13	19.07	19.09	19.11	20.50	
25	0	19.02	18.94	18.98	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	19.56	19.82	19.65	20.50
		1	25	19.69	19.70	19.60	20.50
		1	49	19.84	19.62	19.78	20.50
		25	0	19.75	19.95	19.79	20.50
		25	13	20.06	20.06	19.66	20.50
		25	25	19.74	19.60	19.63	20.50
	50	0	19.84	19.54	19.90	20.50	
	16QAM	1	0	19.72	19.87	20.14	20.50
		1	25	19.76	20.43	19.83	20.50
		1	49	20.11	20.17	20.18	20.50
		25	0	19.91	19.69	19.77	20.50
		25	13	19.54	19.43	19.57	20.50
		25	25	19.84	19.70	19.87	20.50
	50	0	19.80	19.62	19.65	20.50	
	64QAM	1	0	19.05	19.02	19.05	20.50
		1	25	18.91	18.80	18.90	20.50
		1	49	19.03	19.12	19.10	20.50
		25	0	19.15	19.08	19.05	20.50
25		13	19.20	19.05	19.15	20.50	
25		25	19.06	19.11	19.11	20.50	
50	0	19.03	19.10	18.92	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	/	24075	/	20.50
		1	38	/	19.39	/	20.50
		1	74	/	19.58	/	20.50
		36	0	/	19.12	/	20.50
		36	18	/	19.51	/	20.50
		36	18	/	19.57	/	20.50
	16QAM	36	39	/	19.38	/	20.50
		75	0	/	19.43	/	20.50
		1	0	/	19.80	/	20.50
		1	38	/	19.73	/	20.50
		1	74	/	19.05	/	20.50
		36	0	/	19.39	/	20.50
	64QAM	36	18	/	19.44	/	20.50
		36	39	/	19.30	/	20.50
		75	0	/	19.34	/	20.50
		1	0	/	19.03	/	20.50
		1	38	/	18.89	/	20.50
		1	74	/	19.03	/	20.50
36	0	/	19.05	/	20.50		
36	18	/	19.12	/	20.50		
36	39	/	19.02	/	20.50		
75	0	/	19.00	/	20.50		



LTE Band 19 DSI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				24.25	24075	24125	
5MHz	QPSK	1	0	18.51	18.71	18.49	19.50
		1	13	18.44	18.53	18.64	19.50
		1	24	18.61	18.57	18.70	19.50
		12	0	18.88	19.10	18.54	19.50
		12	6	18.81	19.26	18.55	19.50
		12	13	18.78	18.42	18.70	19.50
	25	0	18.87	18.79	19.08	19.50	
	16QAM	1	0	18.53	18.92	19.18	19.50
		1	13	18.59	19.42	18.66	19.50
		1	24	19.25	19.09	19.07	19.50
		12	0	19.06	18.79	18.83	19.50
		12	6	18.46	18.18	18.44	19.50
		12	13	19.06	18.53	18.87	19.50
	25	0	18.66	18.44	18.63	19.50	
	64QAM	1	0	18.05	18.13	18.06	19.50
		1	13	17.85	17.95	17.95	19.50
		1	24	18.01	18.12	18.05	19.50
		12	0	18.08	18.11	18.12	19.50
12		6	18.22	18.11	18.06	19.50	
12		13	18.08	18.12	18.00	19.50	
25	0	17.97	18.09	17.90	19.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	18.39	18.79	18.58	19.50
		1	25	18.88	18.45	18.57	19.50
		1	49	18.66	18.52	18.96	19.50
		25	0	18.56	18.97	18.85	19.50
		25	13	19.08	19.10	18.53	19.50
		25	25	18.91	18.74	18.83	19.50
	50	0	18.66	18.30	19.09	19.50	
	16QAM	1	0	18.84	18.99	19.02	19.50
		1	25	18.70	19.27	18.63	19.50
		1	49	19.04	19.10	19.08	19.50
		25	0	18.70	18.46	18.67	19.50
		25	13	18.36	18.25	18.50	19.50
		25	25	18.77	18.80	18.77	19.50
	50	0	18.70	18.75	18.80	19.50	
	64QAM	1	0	18.06	18.01	18.04	19.50
		1	25	17.87	17.88	17.81	19.50
		1	49	18.01	18.04	17.97	19.50
		25	0	17.99	18.12	17.96	19.50
25		13	18.08	18.19	18.20	19.50	
25		25	17.96	18.09	18.11	19.50	
50	0	18.10	18.05	18.01	19.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	/	24075	/	19.50
		1	38	/	18.38	/	19.50
		1	74	/	18.02	/	19.50
		36	0	/	18.38	/	19.50
		36	18	/	18.45	/	19.50
		36	39	/	18.26	/	19.50
	75	0	/	18.30	/	19.50	
	16QAM	1	0	/	18.44	/	19.50
		1	38	/	18.69	/	19.50
		1	74	/	18.17	/	19.50
		36	0	/	18.31	/	19.50
		36	18	/	18.39	/	19.50
		36	39	/	18.19	/	19.50
	75	0	/	18.23	/	19.50	
	64QAM	1	0	/	18.02	/	19.50
		1	38	/	17.98	/	19.50
		1	74	/	18.09	/	19.50
		36	0	/	18.01	/	19.50
36		18	/	18.10	/	19.50	
36		39	/	17.95	/	19.50	
75	0	/	17.93	/	19.50		

LTE Band 19 DSI 4/5/6/7				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				24.25	24075	24125		
5MHz	QPSK	1	0	23.41	23.34	23.25	24.00	
		1	13	23.39	23.35	23.35	24.00	
		1	24	23.19	23.27	23.67	24.00	
		12	0	22.34	22.28	22.23	23.00	
		12	6	22.39	22.32	22.32	23.00	
		12	13	22.3	22.34	22.23	23.00	
	16QAM	25	0	22.35	22.26	22.23	23.00	
		1	0	22.72	22.28	22.52	23.00	
		1	13	22.47	22.63	22.47	23.00	
		1	24	22.59	22.53	22.67	23.00	
		12	0	21.29	21.21	21.18	22.00	
		12	6	21.2	21.17	21.07	22.00	
	64QAM	12	13	21.24	21.25	21.21	22.00	
		25	0	21.25	21.21	21.2	22.00	
		1	0	21.61	21.71	21.69	22.00	
		1	13	21.63	21.71	21.52	22.00	
		1	24	21.08	21.16	21.02	22.00	
		12	0	20.38	20.36	20.23	21.00	
	10MHz	QPSK	12	6	20.34	20.24	20.30	21.00
			12	13	20.06	20.10	19.97	21.00
			25	0	20.04	20.02	20.16	21.00
1			0	23.40	23.33	23.29	24.00	
1			25	23.37	23.40	23.38	24.00	
1			49	23.20	23.25	23.69	24.00	
16QAM		25	0	22.38	22.30	22.23	23.00	
		25	13	22.39	22.30	22.32	23.00	
		25	25	22.28	22.37	22.21	23.00	
		50	0	22.34	22.21	22.22	23.00	
		1	0	22.68	22.31	22.48	23.00	
		1	25	22.47	22.59	22.44	23.00	
64QAM	1	49	22.56	22.56	22.64	23.00		
	25	0	21.28	21.18	21.19	22.00		
	25	13	21.18	21.20	21.12	22.00		
	25	25	21.26	21.24	21.18	22.00		
	50	0	21.23	21.18	21.25	22.00		
	1	0	21.55	21.68	21.68	22.00		
15MHz	QPSK	1	25	21.72	21.63	21.53	22.00	
		1	49	21.02	21.12	21.17	22.00	
		25	0	20.30	20.19	20.28	21.00	
		25	13	20.29	20.39	20.40	21.00	
		25	25	20.14	20.14	20.14	21.00	
		50	0	20.09	20.02	20.05	21.00	
	5MHz	QPSK	1	0	/	23.00	/	24.00
			1	38	/	23.08	/	24.00
			1	74	/	22.64	/	24.00
			36	0	/	21.97	/	23.00
			36	18	/	22.04	/	23.00
			36	39	/	21.84	/	23.00
75			0	/	21.88	/	23.00	
16QAM			1	0	/	22.22	/	23.00
			1	38	/	22.33	/	23.00
		1	74	/	21.93	/	23.00	
		36	0	/	20.92	/	22.00	
		36	18	/	21.01	/	22.00	
		36	39	/	20.81	/	22.00	
		75	0	/	20.85	/	22.00	
		64QAM	1	0	/	21.61	/	22.00
			1	38	/	21.62	/	22.00
1			74	/	21.10	/	22.00	
36			0	/	20.29	/	21.00	
36	18		/	20.32	/	21.00		
36	39		/	20.06	/	21.00		
15MHz	QPSK	75	0	/	20.10	/	21.00	

LTE Band 26 DSI 2				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26697	26865	27033		
1.4MHz	QPSK	1	0	19.92	20.14	19.96	21.50	
		1	2	19.93	19.67	19.71	21.50	
		1	5	20.42	20.24	20.22	21.50	
		3	0	20.22	20.18	19.94	21.50	
		3	2	20.08	20.02	19.70	21.50	
		3	3	19.95	19.81	19.66	21.50	
	16QAM	6	0	20.07	20.08	19.93	21.50	
		1	0	20.62	20.77	20.12	21.50	
		1	2	20.24	20.11	20.27	21.50	
		1	5	20.75	20.91	20.38	21.50	
		3	0	20.25	20.16	19.97	21.50	
		3	2	20.13	20.03	19.78	21.50	
	64QAM	3	3	19.74	19.73	19.61	21.50	
		6	0	20.00	19.95	19.86	21.50	
		1	0	20.50	20.79	20.09	21.50	
		1	2	20.18	20.11	20.20	21.50	
		1	5	20.79	20.89	20.41	21.50	
		3	0	20.16	20.12	19.97	21.50	
	3MHz	QPSK	3	2	20.27	20.10	19.87	21.50
			3	3	19.89	19.88	19.67	21.50
			3	3	19.89	19.88	19.67	21.50
			6	0	20.06	20.06	19.88	21.50
			1	0	19.92	20.19	19.91	21.50
			1	7	19.95	19.68	19.70	21.50
16QAM		1	14	20.42	20.25	20.25	21.50	
		8	0	20.17	20.13	19.89	21.50	
		8	4	20.15	20.03	19.72	21.50	
		8	7	19.93	19.85	19.65	21.50	
		15	0	20.03	20.05	19.98	21.50	
		1	0	20.62	20.80	20.11	21.50	
64QAM		1	7	20.14	20.10	20.28	21.50	
		1	14	20.77	20.95	20.40	21.50	
		8	0	20.25	20.09	20.05	21.50	
		8	4	20.14	20.04	19.83	21.50	
		8	7	19.80	19.83	19.67	21.50	
		15	0	20.08	20.03	19.85	21.50	
5MHz		QPSK	1	0	20.58	20.74	20.23	21.50
			1	7	20.29	20.08	20.16	21.50
			1	14	20.68	20.92	20.32	21.50
			8	0	20.23	20.03	20.04	21.50
			8	4	20.22	20.10	19.87	21.50
			8	7	19.75	19.71	19.76	21.50
	16QAM	15	0	20.02	20.09	19.73	21.50	
		1	0	19.93	20.23	19.87	21.50	
		1	13	19.90	19.73	19.71	21.50	
		1	24	20.40	20.19	20.24	21.50	
		12	0	20.22	20.18	19.97	21.50	
		12	6	20.08	20.04	19.69	21.50	
	16QAM	12	13	19.97	19.90	19.62	21.50	
		25	0	20.09	20.08	19.89	21.50	
		1	0	20.63	20.76	20.11	21.50	
		1	13	20.16	20.03	20.27	21.50	
		1	24	20.81	20.97	20.43	21.50	
		12	0	20.20	20.10	19.97	21.50	
	16QAM	12	6	20.21	20.06	19.83	21.50	
		12	13	19.74	19.73	19.70	21.50	

		25	0	20.01	19.97	19.79	21.50
	64QAM	1	0	20.69	20.66	20.17	21.50
		1	13	20.15	20.09	20.32	21.50
		1	24	20.87	20.96	20.36	21.50
		12	0	20.18	20.12	20.05	21.50
		12	6	20.27	20.11	19.75	21.50
		12	13	19.79	19.76	19.65	21.50
		25	0	20.10	20.10	19.91	21.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				26740	26865	26990	
<b>10MHz</b>	QPSK	1	0	19.93	20.22	19.93	21.50
		1	25	19.94	19.77	19.69	21.50
		1	49	20.37	20.16	20.21	21.50
		25	0	20.18	20.16	19.93	21.50
		25	13	20.16	19.95	19.78	21.50
		25	25	19.94	19.81	19.65	21.50
		50	0	20.05	20.01	19.96	21.50
	16QAM	1	0	20.6	20.71	20.15	21.50
		1	25	20.22	20.08	20.27	21.50
		1	49	20.75	20.95	20.38	21.50
		25	0	20.23	20.07	20.05	21.50
		25	13	20.13	20.06	19.83	21.50
		25	25	19.8	19.77	19.63	21.50
		50	0	20.08	19.96	19.82	21.50
	64QAM	1	0	20.63	20.70	20.22	21.50
		1	25	20.11	20.06	20.29	21.50
		1	49	20.86	20.96	20.39	21.50
		25	0	20.23	20.19	20.01	21.50
		25	13	20.26	20.04	19.79	21.50
		25	25	19.69	19.79	19.59	21.50
		50	0	19.97	20.07	19.82	21.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				26765	26865	26965	
<b>15MHz</b>	QPSK	1	0	19.96	20.19	19.92	21.50
		1	38	19.91	19.72	19.73	21.50
		1	74	20.40	20.20	20.20	21.50
		36	0	20.18	20.14	19.94	21.50
		36	18	20.13	19.99	19.74	21.50
		36	39	19.95	19.86	19.63	21.50
		75	0	20.05	20.06	19.93	21.50
	16QAM	1	0	20.60	20.75	20.16	21.50
		1	38	20.19	20.07	20.26	21.50
		1	74	20.77	20.93	20.38	21.50
		36	0	20.20	20.11	20.02	21.50
		36	18	20.17	20.01	19.82	21.50
		36	39	19.79	19.78	19.66	21.50
		75	0	20.04	20.00	19.82	21.50
	64QAM	1	0	20.68	20.83	20.13	21.50
		1	38	20.17	20.11	20.20	21.50
		1	74	20.72	20.84	20.35	21.50
		36	0	20.28	20.02	19.94	21.50
		36	18	20.21	19.99	19.80	21.50
		36	39	19.73	19.72	19.67	21.50
		75	0	20.03	20.03	19.91	21.50

LTE Band 26 DSI 3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26697	26865	27033		
1.4MHz	QPSK	1	0	19.06	19.10	18.87	20.50	
		1	2	18.85	18.85	18.74	20.50	
		1	5	19.33	19.19	19.00	20.50	
		3	0	19.11	19.06	19.02	20.50	
		3	2	19.09	18.91	18.82	20.50	
		3	3	18.88	18.79	18.69	20.50	
	16QAM	6	0	18.96	18.95	18.78	20.50	
		1	0	19.54	19.59	19.19	20.50	
		1	2	19.33	19.33	19.06	20.50	
		1	5	19.77	19.59	19.43	20.50	
		3	0	19.18	19.08	18.93	20.50	
		3	2	19.08	18.95	18.78	20.50	
	64QAM	3	3	18.86	18.76	18.60	20.50	
		6	0	18.94	18.88	18.88	20.50	
		1	0	19.58	19.58	19.16	20.50	
		1	2	19.37	19.43	19.06	20.50	
		1	5	19.82	19.56	19.51	20.50	
		3	0	19.23	19.18	19.02	20.50	
	3MHz	QPSK	3	2	19.03	18.86	18.68	20.50
			3	3	18.95	18.75	18.62	20.50
			3	3	18.95	18.75	18.62	20.50
6			0	18.90	18.91	18.78	20.50	
Channel			Channel	Channel	Tune up			
26705			26865	27025				
1.4MHz		QPSK	1	0	19.13	19.16	18.88	20.50
			1	7	18.88	18.79	18.73	20.50
			1	14	19.30	19.17	18.99	20.50
			8	0	19.14	19.12	18.98	20.50
			8	4	19.04	18.90	18.78	20.50
			8	7	18.89	18.73	18.62	20.50
		16QAM	15	0	18.95	18.94	18.77	20.50
			1	0	19.58	19.62	19.21	20.50
			1	7	19.38	19.31	19.01	20.50
			1	14	19.80	19.55	19.46	20.50
			8	0	19.11	19.18	18.98	20.50
			8	4	19.06	18.91	18.82	20.50
		64QAM	8	7	18.85	18.76	18.61	20.50
			15	0	18.95	18.90	18.83	20.50
			1	0	19.64	19.50	19.16	20.50
	1		7	19.24	19.33	19.14	20.50	
	1		14	19.74	19.59	19.43	20.50	
	8		0	19.18	19.14	18.92	20.50	
5MHz	QPSK	8	4	19.16	18.93	18.86	20.50	
		8	7	18.76	18.80	18.58	20.50	
		15	0	18.95	18.85	18.84	20.50	
		Channel	Channel	Channel	Tune up			
		26715	26865	27015				
		1.4MHz	QPSK	1	0	19.13	19.20	18.85
	1			13	18.86	18.80	18.74	20.50
	1			24	19.32	19.19	19.02	20.50
	12			0	19.17	19.07	18.93	20.50
	12			6	19.01	18.92	18.80	20.50
	12			13	18.79	18.74	18.62	20.50
	16QAM		25	0	18.92	18.99	18.83	20.50
			1	0	19.58	19.56	19.20	20.50
			1	13	19.32	19.28	19.03	20.50
			1	24	19.76	19.53	19.46	20.50
			12	0	19.15	19.11	18.98	20.50
			12	6	19.07	18.94	18.76	20.50
	5MHz	QPSK	12	13	18.87	18.75	18.67	20.50
12			13	18.87	18.75	18.67	20.50	
25			0	18.89	18.88	18.90	20.50	

		1	0	19.60	19.52	19.09	20.50	
		1	13	19.40	19.41	19.08	20.50	
		1	24	19.70	19.60	19.36	20.50	
	64QAM	12	0	19.13	19.05	18.87	20.50	
		12	6	18.99	18.87	18.80	20.50	
		12	13	18.81	18.66	18.69	20.50	
		25	0	18.95	18.91	18.79	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26740	26865	26990		
10MHz	QPSK	1	0	19.11	19.10	18.92	20.50	
		1	25	18.80	18.82	18.75	20.50	
		1	49	19.33	19.20	19.02	20.50	
		25	0	19.21	19.11	19.00	20.50	
		25	13	19.06	18.99	18.85	20.50	
		25	25	18.86	18.77	18.60	20.50	
		50	0	19.00	18.89	18.79	20.50	
	16QAM	1	0	19.51	19.57	19.16	20.50	
		1	25	19.39	19.34	19.10	20.50	
		1	49	19.80	19.56	19.49	20.50	
		25	0	19.13	19.08	19.00	20.50	
		25	13	19.11	18.96	18.86	20.50	
		25	25	18.83	18.74	18.70	20.50	
		50	0	18.88	18.96	18.83	20.50	
	64QAM	1	0	19.49	19.58	19.19	20.50	
		1	25	19.38	19.43	18.98	20.50	
		1	49	19.79	19.56	19.48	20.50	
		25	0	19.16	19.05	18.87	20.50	
		25	13	19.02	19.00	18.78	20.50	
		25	25	18.93	18.72	18.69	20.50	
		50	0	19.03	18.79	18.83	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					26765	26865	26965	
	15MHz	QPSK	1	0	19.08	19.15	18.90	20.50
1			38	18.85	18.82	18.70	20.50	
1			74	19.29	19.16	19.04	20.50	
36			0	19.16	19.10	18.97	20.50	
36			18	19.04	18.94	18.80	20.50	
36			39	18.84	18.75	18.64	20.50	
75			0	18.96	18.94	18.82	20.50	
16QAM		1	0	19.54	19.61	19.21	20.50	
		1	38	19.36	19.29	19.06	20.50	
		1	74	19.79	19.56	19.44	20.50	
		36	0	19.15	19.13	18.96	20.50	
		36	18	19.06	18.95	18.81	20.50	
		36	39	18.82	18.74	18.65	20.50	
		75	0	18.93	18.92	18.85	20.50	
64QAM		1	0	19.62	19.50	19.12	20.50	
		1	38	19.23	19.32	18.98	20.50	
		1	74	19.84	19.55	19.42	20.50	
		36	0	19.21	19.06	18.85	20.50	
		36	18	19.03	19.05	18.76	20.50	
		36	39	18.92	18.78	18.57	20.50	
		75	0	18.85	18.89	18.97	20.50	

LTE Band 26 DSI 4/5/6/7				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26697	26865	27033		
1.4MHz	QPSK	1	0	23.36	23.57	23.22	25.00	
		1	2	23.65	23.24	23.28	25.00	
		1	5	23.37	23.56	23.11	25.00	
		3	0	23.66	23.33	23.16	25.00	
		3	2	23.68	23.35	23.68	25.00	
		3	3	23.49	23.33	23.05	25.00	
	16QAM	6	0	22.52	22.27	22.26	24.00	
		1	0	23.01	22.95	22.18	24.00	
		1	2	23.12	22.54	22.32	24.00	
		1	5	22.68	22.74	22.64	24.00	
		3	0	22.59	22.41	22.44	24.00	
		3	2	22.71	22.35	22.19	24.00	
	64QAM	3	3	22.57	22.69	22.16	24.00	
		6	0	21.78	21.56	21.49	23.00	
		1	0	21.43	21.48	21.49	23.00	
		1	2	21.38	21.39	21.27	23.00	
		1	5	21.17	21.24	21.17	23.00	
		3	0	21.19	21.19	21.39	23.00	
	3MHz	QPSK	3	2	21.49	21.38	21.42	23.00
			3	3	21.35	21.39	21.34	23.00
			6	0	20.96	20.99	21.03	22.00
Channel			Channel	Channel	Tune up			
26705			26865	27025				
1.4MHz			QPSK	1	0	23.63	23.78	23.32
		1		7	23.38	23.40	23.22	25.00
		1		14	23.76	23.70	23.39	25.00
		8		0	22.74	22.73	22.59	24.00
		8		4	22.60	22.58	22.40	24.00
		8		7	22.44	22.40	22.26	24.00
		16QAM	15	0	22.54	22.55	22.37	24.00
			1	0	23.04	22.88	22.64	24.00
			1	7	22.79	22.63	22.54	24.00
			1	14	23.27	22.92	22.73	24.00
			8	0	21.67	21.71	21.59	23.00
			8	4	21.63	21.52	21.35	23.00
		64QAM	8	7	21.45	21.30	21.24	23.00
			15	0	21.56	21.49	21.38	23.00
			1	0	21.72	21.68	21.61	23.00
			1	7	21.72	21.58	21.46	23.00
	1		14	21.63	21.67	21.46	23.00	
	8		0	20.52	20.52	20.40	22.00	
5MHz	QPSK	8	4	20.33	20.14	20.10	22.00	
		8	7	20.15	19.97	20.15	22.00	
		15	0	20.26	20.35	20.23	22.00	
		Channel	Channel	Channel	Tune up			
		26715	26865	27015				
		1.4MHz	QPSK	1	0	23.60	23.79	23.36
	1			13	23.39	23.35	23.21	25.00
	1			24	23.74	23.69	23.38	25.00
	12			0	22.69	22.74	22.53	24.00
	12			6	22.61	22.55	22.40	24.00
	12			13	22.50	22.38	22.20	24.00
	16QAM		25	0	22.55	22.52	22.40	24.00
			1	0	22.99	22.86	22.60	24.00
			1	13	22.80	22.57	22.51	24.00
			1	24	23.24	22.94	22.72	24.00
			12	0	21.77	21.66	21.51	23.00
			12	6	21.63	21.49	21.35	23.00
	1.4MHz	16QAM	12	13	21.48	21.34	21.20	23.00
25			0	21.49	21.46	21.38	23.00	

		1	0	21.68	21.55	21.47	23.00	
		1	13	21.72	21.58	21.45	23.00	
		1	24	21.62	21.57	21.54	23.00	
	64QAM	12	0	20.56	20.64	20.39	22.00	
		12	6	20.26	20.08	20.12	22.00	
		12	13	20.19	20.02	20.01	22.00	
		25	0	20.44	20.30	20.33	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26740	26865	26990		
10MHz	QPSK	1	0	23.60	23.75	23.37	25.00	
		1	25	23.40	23.38	23.25	25.00	
		1	49	23.79	23.65	23.45	25.00	
		25	0	22.67	22.69	22.62	24.00	
		25	13	22.66	22.49	22.44	24.00	
		25	25	22.43	22.35	22.29	24.00	
	16QAM	50	0	22.50	22.51	22.44	24.00	
		1	0	23.04	22.89	22.58	24.00	
		1	25	22.81	22.64	22.55	24.00	
		1	49	23.19	22.86	22.79	24.00	
		25	0	21.74	21.76	21.54	23.00	
		25	13	21.62	21.52	21.33	23.00	
	64QAM	25	25	21.48	21.39	21.22	23.00	
		50	0	21.51	21.43	21.40	23.00	
		1	0	21.76	21.63	21.66	23.00	
		1	25	21.79	21.55	21.39	23.00	
		1	49	21.75	21.59	21.54	23.00	
		25	0	20.59	20.64	20.39	22.00	
	15MHz	QPSK	25	13	20.44	20.28	20.09	22.00
			25	25	20.28	19.98	20.08	22.00
			50	0	20.37	20.26	20.23	22.00
1			0	23.63	23.79	23.32	25.00	
1			38	23.41	23.39	23.20	25.00	
1			74	23.75	23.66	23.42	25.00	
16QAM		36	0	22.71	22.73	22.57	24.00	
		36	18	22.64	22.54	22.39	24.00	
		36	39	22.47	22.37	22.25	24.00	
		75	0	22.55	22.51	22.41	24.00	
		1	0	23.00	22.87	22.60	24.00	
		1	38	22.82	22.60	22.51	24.00	
64QAM	1	74	23.22	22.90	22.76	24.00		
	36	0	21.72	21.71	21.54	23.00		
	36	18	21.62	21.54	21.37	23.00		
	36	39	21.43	21.34	21.22	23.00		
	75	0	21.53	21.47	21.42	23.00		
	1	0	21.67	21.61	21.57	23.00		
64QAM	1	38	21.77	21.5	21.48	23.00		
	1	74	21.67	21.66	21.47	23.00		
	36	0	20.56	20.57	20.32	22.00		
	36	18	20.34	20.18	20.14	22.00		
	36	39	20.19	20.05	20.06	22.00		
	75	0	20.35	20.33	20.23	22.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26765	26865	26965		



LTE Band 38 DSI 4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	21.43	21.30	21.25	22.20	
		1	13	21.22	20.84	20.75	22.20	
		1	24	21.42	21.32	21.21	22.20	
		12	0	21.13	21.00	21.08	22.20	
		12	6	21.12	20.96	21.01	22.20	
		12	13	21.24	21.17	21.08	22.20	
	16QAM	25	0	21.22	21.07	21.06	22.20	
		1	0	21.37	21.23	21.34	22.20	
		1	13	21.59	21.06	21.00	22.20	
		1	24	21.54	21.64	21.54	22.20	
		12	0	21.22	20.98	21.10	22.20	
		12	6	21.30	21.05	21.01	22.20	
	64QAM	12	13	21.27	21.12	20.94	22.20	
		25	0	21.35	21.20	20.94	22.20	
		1	0	21.45	21.32	21.06	22.20	
		1	13	21.34	21.21	21.11	22.20	
		1	24	21.66	21.36	21.35	22.20	
		12	0	21.41	21.37	21.32	21.70	
	10MHz	QPSK	12	6	21.42	21.49	21.32	21.70
			12	13	21.23	21.53	21.44	21.70
			12	13	21.23	21.53	21.44	21.70
25			0	21.39	21.68	21.67	21.70	
Channel			Channel	Channel	Tune up			
37800			38000	38200				
10MHz		QPSK	1	0	20.78	20.95	20.83	22.20
			1	25	21.21	21.09	21.1	22.20
			1	49	20.88	20.55	20.27	22.20
			25	0	21.16	21.05	20.95	22.20
			25	13	21.04	21.05	21.06	22.20
			25	25	20.82	21.14	21.05	22.20
		16QAM	50	0	21.07	21.04	21.04	22.20
			1	0	21.17	21.37	21.45	22.20
			1	25	21.71	21.43	21.82	22.20
			1	49	20.92	21.12	21.43	22.20
			25	0	20.99	21.16	21.16	22.20
			25	13	21.39	21.07	21.36	22.20
		64QAM	25	25	21.19	20.96	21.28	22.20
			50	0	21.11	21.16	21.04	22.20
			1	0	21.44	21.27	21.09	22.20
	1		25	21.43	21.16	21.11	22.20	
	1		49	21.54	21.40	21.43	22.20	
	25		0	21.44	21.49	21.41	21.70	
15MHz	QPSK	25	13	21.52	21.31	21.42	21.70	
		25	25	21.27	21.38	21.33	21.70	
		50	0	21.39	21.58	21.69	21.70	
		Channel	Channel	Channel	Tune up			
		37825	38000	38175				
		15MHz	QPSK	1	0	21.39	21.26	21.28
	1			38	21.19	20.88	20.75	22.20
	1			74	21.44	21.33	21.16	22.20
	36			0	21.13	21.05	21.1	22.20
	36			18	21.15	20.96	21.02	22.20
	36			39	21.21	21.18	21.13	22.20
	16QAM		75	0	21.22	21.11	21.04	22.20
1			0	21.42	21.23	21.31	22.20	
1			38	21.55	21.01	21.02	22.20	
1			74	21.55	21.59	21.59	22.20	
36			0	21.19	20.96	21.05	22.20	
36			18	21.25	21.07	20.97	22.20	
36	39	21.31	21.15	20.95	22.20			
75	0	21.39	21.2	20.91	22.20			

		1	0	21.41	21.24	21.07	22.20
		1	38	21.40	21.17	21.16	22.20
		1	74	21.62	21.36	21.47	22.20
	64QAM	36	0	21.44	21.50	21.40	21.70
		36	18	21.49	21.50	21.25	21.70
		36	39	21.28	21.40	21.37	21.70
		75	0	21.46	21.66	21.67	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	21.13	21.13	21.08	22.20
		1	50	21.14	21.01	21.03	22.20
		1	99	21.48	21.29	21.34	22.20
		50	0	21.30	21.17	21.08	22.20
		50	25	21.41	21.16	21.16	22.20
		50	50	21.41	21.21	21.26	22.20
		100	0	21.32	21.19	21.13	22.20
	16QAM	1	0	21.39	21.22	21.12	22.20
		1	50	21.44	21.23	21.21	22.20
		1	99	21.64	21.43	21.37	22.20
		50	0	21.31	21.19	21.12	22.20
		50	25	21.37	21.14	21.16	22.20
		50	50	21.37	21.26	21.24	22.20
		100	0	21.30	21.18	21.18	22.20
	64QAM	1	0	21.40	21.28	21.10	22.20
		1	50	21.40	21.31	21.20	22.20
		1	99	21.59	21.38	21.43	22.20
		50	0	21.44	21.46	21.34	21.70
		50	25	21.54	21.47	21.44	21.70
		50	50	21.32	21.45	21.42	21.70
		100	0	21.45	21.55	21.60	21.70

LTE Band 38 DSI 5/6				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				37775	38000	38225			
5MHz	QPSK	1	0	20.19	20.02	20.15	21.20		
		1	13	20.32	20.00	20.02	21.20		
		1	24	20.49	20.22	20.21	21.20		
		12	0	20.28	20.09	20.13	21.20		
		12	6	20.33	20.12	20.17	21.20		
		12	13	20.41	20.15	20.21	21.20		
	16QAM	25	0	20.32	20.09	20.10	21.20		
		1	0	20.37	20.13	20.16	21.20		
		1	13	20.36	20.21	20.24	21.20		
		1	24	20.51	20.31	20.39	21.20		
		12	0	20.24	20.21	20.10	21.20		
		12	6	20.35	20.12	20.19	21.20		
	64QAM	12	13	20.35	20.17	20.18	21.20		
		25	0	20.27	20.15	20.12	21.20		
		1	0	20.38	20.08	20.09	21.20		
		1	13	20.42	20.13	20.30	21.20		
		1	24	20.58	20.28	20.37	21.20		
		12	0	20.30	20.17	20.18	21.20		
	10MHz	QPSK	12	6	20.32	20.17	20.09	21.20	
			12	13	20.44	20.21	20.23	21.20	
			12	13	20.30	20.17	20.06	21.20	
25			0	20.30	20.17	20.06	21.20		
Bandwidth			Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz			QPSK	37800	38000	38200	37800	38000	38200
		1		0	20.28	20.05	20.07	21.20	
		1		25	20.24	20.02	20.10	21.20	
		1		49	20.46	20.25	20.23	21.20	
		25		0	20.23	20.11	20.08	21.20	
		25		13	20.37	20.17	20.19	21.20	
		16QAM	25	25	20.39	20.23	20.20	21.20	
	50		0	20.31	20.13	20.18	21.20		
	1		0	20.29	20.08	20.14	21.20		
	1		25	20.41	20.20	20.20	21.20		
	1		49	20.52	20.30	20.38	21.20		
	25		0	20.27	20.20	20.07	21.20		
	64QAM	25	13	20.35	20.19	20.12	21.20		
		25	25	20.39	20.19	20.25	21.20		
		50	0	20.32	20.14	20.13	21.20		
		1	0	20.27	20.09	20.11	21.20		
		1	25	20.45	20.20	20.19	21.20		
		1	49	20.50	20.35	20.39	21.20		
	10MHz	QPSK	25	0	20.23	20.18	20.01	21.20	
			25	13	20.44	20.05	20.23	21.20	
			25	25	20.30	20.21	20.09	21.20	
50			0	20.35	20.20	20.20	21.20		
Bandwidth			Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz			QPSK	37825	38000	38175	37825	38000	38175
		1		0	20.27	19.99	20.11	21.20	
		1		38	20.23	20.05	20.00	21.20	
		1		74	20.50	20.20	20.24	21.20	
		36		0	20.22	20.14	20.04	21.20	
		36		18	20.38	20.12	20.09	21.20	
		16QAM	36	39	20.34	20.24	20.19	21.20	
	75		0	20.24	20.13	20.08	21.20		
	1		0	20.39	20.15	20.11	21.20		
	1		38	20.38	20.15	20.21	21.20		
	1		74	20.57	20.33	20.34	21.20		
	36		0	20.32	20.11	20.15	21.20		
	16QAM	36	18	20.42	20.12	20.13	21.20		
		36	39	20.38	20.17	20.25	21.20		
		75	0	20.22	20.15	20.16	21.20		

		1	0	20.27	20.03	20.20	21.20
		1	38	20.26	20.31	20.30	21.20
		1	74	20.54	20.24	20.32	21.20
	64QAM	36	0	20.28	20.12	20.06	21.20
		36	18	20.27	20.10	20.10	21.20
		36	39	20.26	20.26	20.23	21.20
		75	0	20.35	20.07	20.14	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	20.23	20.04	20.10	21.20
		1	50	20.27	20.02	20.05	21.20
		1	99	20.46	20.23	20.24	21.20
		50	0	20.23	20.12	20.09	21.20
		50	25	20.35	20.14	20.14	21.20
		50	50	20.37	20.19	20.23	21.20
		100	0	20.27	20.13	20.13	21.20
	16QAM	1	0	20.34	20.13	20.16	21.20
		1	50	20.40	20.18	20.22	21.20
		1	99	20.56	20.29	20.34	21.20
		50	0	20.27	20.16	20.10	21.20
		50	25	20.37	20.17	20.14	21.20
		50	50	20.37	20.21	20.22	21.20
		100	0	20.27	20.14	20.16	21.20
	64QAM	1	0	20.44	20.09	20.24	21.20
		1	50	20.46	20.30	20.33	21.20
		1	99	20.60	20.28	20.45	21.20
		50	0	20.32	20.22	20.13	21.20
		50	25	20.42	20.22	20.22	21.20
		50	50	20.26	20.25	20.18	21.20
		100	0	20.22	20.16	20.20	21.20

LTE Band 38 DSI 7				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	22.65	22.49	22.58	23.70	
		1	13	22.60	22.40	22.44	23.70	
		1	24	22.89	22.70	22.76	23.70	
		12	0	22.62	22.59	22.52	23.70	
		12	6	22.64	22.57	22.62	23.70	
		12	13	22.77	22.64	22.63	23.70	
	16QAM	25	0	22.61	22.63	22.62	23.70	
		1	0	22.65	22.58	22.58	23.70	
		1	13	22.67	22.58	22.78	23.70	
		1	24	22.92	22.73	22.74	23.70	
		12	0	21.84	21.83	21.72	22.70	
		12	6	21.88	21.87	21.79	22.70	
	64QAM	12	13	22.00	21.83	21.82	22.70	
		25	0	21.88	21.82	21.82	22.70	
		1	0	22.21	21.92	22.01	22.70	
		1	13	22.01	22.01	22.19	22.70	
		1	24	21.74	21.64	22.01	22.70	
		12	0	21.43	21.40	21.31	21.70	
	10MHz	QPSK	12	6	21.52	21.41	21.34	21.70
			12	13	21.33	21.45	21.37	21.70
			12	13	21.33	21.45	21.37	21.70
25			0	21.49	21.65	21.62	21.70	
Channel			Channel	Channel	Tune up			
37800			38000	38200				
10MHz		QPSK	1	0	22.56	22.49	22.56	23.70
			1	25	22.53	22.41	22.44	23.70
			1	49	22.92	22.67	22.72	23.70
			25	0	22.67	22.56	22.59	23.70
			25	13	22.74	22.51	22.61	23.70
			25	25	22.76	22.66	22.61	23.70
		16QAM	50	0	22.65	22.56	22.64	23.70
			1	0	22.65	22.57	22.57	23.70
			1	25	22.68	22.63	22.72	23.70
			1	49	22.98	22.72	22.77	23.70
			25	0	21.84	21.85	21.80	22.70
			25	13	21.93	21.84	21.79	22.70
		64QAM	25	25	21.94	21.86	21.90	22.70
			50	0	21.85	21.81	21.81	22.70
			1	0	22.08	21.83	21.89	22.70
	1		25	22.10	21.90	22.25	22.70	
	1		49	21.70	21.74	21.93	22.70	
	25		0	21.41	21.38	21.47	21.70	
15MHz	QPSK	25	13	21.45	21.35	21.24	21.70	
		25	25	21.34	21.49	21.34	21.70	
		25	25	21.34	21.49	21.34	21.70	
		50	0	21.49	21.68	21.52	21.70	
		Channel	Channel	Channel	Tune up			
		37825	38000	38175				
	15MHz	QPSK	1	0	22.58	22.53	22.56	23.70
			1	38	22.57	22.41	22.40	23.70
			1	74	22.92	22.71	22.75	23.70
			36	0	22.66	22.54	22.59	23.70
			36	18	22.65	22.57	22.59	23.70
			36	39	22.70	22.72	22.69	23.70
		16QAM	75	0	22.64	22.61	22.59	23.70
			1	0	22.65	22.56	22.56	23.70
			1	38	22.70	22.62	22.73	23.70
			1	74	22.94	22.68	22.68	23.70
			36	0	21.85	21.82	21.74	22.70
			36	18	21.95	21.88	21.81	22.70
	16QAM	36	39	21.94	21.90	21.86	22.70	
		75	0	21.83	21.76	21.86	22.70	

		1	0	22.18	21.78	22.07	22.70
		1	38	22.09	21.93	22.27	22.70
		1	74	21.69	21.68	21.89	22.70
	64QAM	36	0	21.47	21.39	21.43	21.70
		36	18	21.44	21.41	21.24	21.70
		36	39	21.33	21.33	21.24	21.70
		75	0	21.56	21.66	21.64	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	22.60	22.52	22.55	23.70
		1	50	22.58	22.45	22.45	23.70
		1	99	22.87	22.70	22.74	23.70
		50	0	22.65	22.59	22.55	23.70
		50	25	22.73	22.56	22.59	23.70
		50	50	22.69	22.68	22.65	23.70
		100	0	22.61	22.61	22.62	23.70
	16QAM	1	0	22.68	22.59	22.59	23.70
		1	50	22.72	22.62	22.73	23.70
		1	99	22.96	22.70	22.72	23.70
		50	0	21.82	21.84	21.77	22.70
		50	25	21.91	21.85	21.82	22.70
		50	50	21.95	21.88	21.86	22.70
		100	0	21.86	21.81	21.81	22.70
	64QAM	1	0	22.16	21.87	21.99	22.70
		1	50	22.06	21.91	22.21	22.70
		1	99	21.78	21.73	21.93	22.70
		50	0	21.50	21.45	21.38	21.70
		50	25	21.53	21.35	21.34	21.70
		50	50	21.40	21.39	21.31	21.70
		100	0	21.58	21.59	21.61	21.70

LTE Band 41 DSI 4				Conducted Power(dBm)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up			
				39675	40148	40620	41093	41565				
5MHz	QPSK	1	0	21.12	21.89	21.08	21.2	20.86	22.70			
		1	13	20.99	21	21.02	21.09	21.02	22.70			
		1	24	20.75	21.03	20.96	20.95	21.04	22.70			
		12	0	21.14	21.15	21.18	21.2	21.22	22.70			
		12	6	21.05	21.17	21.26	21.12	21.17	22.70			
		12	13	21.03	21.07	21.23	21.22	21.18	22.70			
	16QAM	25	0	21.07	21.2	21.2	21.14	21.18	22.70			
		1	0	21.37	21.47	21.43	21.43	21.4	22.70			
		1	13	21.2	21.6	21.41	21.59	21.43	22.70			
		1	24	21.1	21.32	21.36	21.28	21.34	22.70			
		12	0	21.11	21.32	21.24	21.48	21.27	22.70			
		12	6	21.02	21.23	21.22	21.2	21.31	22.70			
	64QAM	12	13	21.09	21.12	21.19	21.18	21.18	21.13	22.70		
		25	0	21.07	21.19	21.18	21.22	21.16	22.70			
		1	0	21.37	21.51	21.74	21.66	21.46	22.70			
		1	13	21.62	21.55	21.73	21.66	21.78	22.70			
		1	24	21.41	21.07	20.93	21.30	21.97	22.70			
		12	0	20.74	20.69	20.76	20.73	20.66	21.70			
	5MHz	64QAM	12	6	20.60	20.70	20.81	20.80	20.60	21.70		
			12	13	20.41	20.62	20.60	20.58	20.64	21.70		
			25	0	21.03	21.00	20.88	20.79	20.79	21.70		
			Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
			10MHz	QPSK	39700	40160	40620	41080	41540			
					1	0	21.04	20.86	21.08	20.94	20.99	22.70
1	25	21.34			21.51	21.28	21.03	21.42	22.70			
1	49	20.85			20.72	20.98	21.06	20.77	22.70			
25	0	21.19			21.34	21.18	21.03	21.02	22.70			
25	13	21.21			21.17	21.16	21.37	21.24	22.70			
16QAM	25	25		21.09	21.17	21.03	21.36	21.23	22.70			
	50	0		21.18	21.25	21.24	21.23	21.25	22.70			
	1	0		21.49	21.49	21.38	21.22	20.94	22.70			
	1	25		21.3	21.74	21.72	21.35	21.63	22.70			
	1	49		21.3	21.36	20.93	21.1	21.34	22.70			
	25	0		21.2	21.82	21.11	21.42	21.23	22.70			
64QAM	25	13		21.12	21.27	21.27	21.08	21.65	22.70			
	25	25		21.11	21.17	21.23	21.36	21.32	22.70			
	50	0		21.1	21.13	21.25	21.33	21.18	22.70			
	1	0		21.47	21.49	21.76	21.59	21.48	22.70			
	1	25		21.55	21.51	21.69	21.67	21.82	22.70			
	1	49		21.41	21.10	20.92	21.30	21.91	22.70			
15MHz	QPSK	25		0	20.75	20.63	20.74	20.72	20.70	21.70		
		25		13	20.67	20.69	20.83	20.77	20.65	21.70		
		25		25	20.46	20.65	20.61	20.60	20.63	21.70		
		50		0	20.99	20.91	20.89	20.75	20.83	21.70		
		Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
		15MHz		QPSK	39725	40173	40620	41068	41515			
1	0		21.1		21.17	21.12	21.22	21.13	22.70			
1	38		21.54		21.54	21.54	21.64	21.51	22.70			
1	74		20.86		20.89	20.88	20.86	20.76	22.70			
36	0		21.54		21.54	21.49	21.53	21.51	22.70			
36	18		21.49		21.72	21.7	21.57	21.45	22.70			
16QAM	36		39	21.11	21.22	21.16	21.22	20.99	22.70			
	75		0	21.4	21.51	21.41	21.39	21.26	22.70			
	1		0	21.13	21.25	21.21	21.34	21.33	22.70			
	1		38	21.78	21.8	21.76	21.58	21.64	22.70			
	1		74	20.93	20.97	21.02	21.03	20.92	22.70			
	36		0	21.49	21.47	21.52	21.47	21.52	22.70			
15MHz	16QAM		36	18	21.52	21.64	21.54	21.52	21.57	22.70		
			36	39	21.15	21.14	21.12	21.1	21.31	22.70		
			75	0	21.39	21.47	21.38	21.39	21.33	22.70		

		1	0	21.37	21.56	21.80	21.61	21.54	22.70	
		1	38	21.64	21.57	21.68	21.71	21.80	22.70	
		1	74	21.41	21.12	20.96	21.35	21.89	22.70	
	64QAM	36	0	20.70	20.62	20.75	20.78	20.68	21.70	
		36	18	20.59	20.71	20.80	20.73	20.67	21.70	
		36	39	20.46	20.59	20.58	20.62	20.64	21.70	
		75	0	20.95	21.00	20.90	20.76	20.82	21.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
20MHz	QPSK	1	0	21.45	21.52	21.53	21.46	21.52	22.70	
		1	50	21.6	21.6	21.62	21.59	21.42	22.70	
		1	99	21.42	21.47	21.44	21.49	21.35	22.70	
		50	0	21.49	21.6	21.63	21.59	21.51	22.70	
		50	25	21.6	21.63	21.68	21.66	21.54	22.70	
		50	50	21.53	21.62	21.58	21.5	21.4	22.70	
			100	0	21.56	21.64	21.61	21.5	21.52	22.70
	16QAM	1	0	21.62	21.6	21.64	21.59	21.66	22.70	
		1	50	21.75	21.75	21.78	21.72	21.67	22.70	
		1	99	21.48	21.6	21.51	21.58	21.51	22.70	
		50	0	21.52	21.6	21.6	21.56	21.56	22.70	
		50	25	21.6	21.71	21.65	21.67	21.58	22.70	
		50	50	21.53	21.62	21.56	21.57	21.46	22.70	
			100	0	21.62	21.66	21.63	21.55	21.54	22.70
	64QAM	1	0	21.42	21.54	21.78	21.59	21.54	22.70	
		1	50	21.65	21.53	21.69	21.66	21.78	22.70	
		1	99	21.34	21.09	20.93	21.32	21.93	22.70	
		50	0	20.67	20.62	20.77	20.80	20.65	21.70	
		50	25	20.60	20.77	20.85	20.80	20.66	21.70	
		50	50	20.48	20.63	20.55	20.59	20.62	21.70	
			100	0	21.05	20.92	20.92	20.78	20.75	21.70



LTE Band 41 DSI 5/6				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	20.01	20.14	20.18	20.15	20.16	21.70	
		1	13	20.1	20.07	20.14	20.07	20.15	21.70	
		1	24	19.96	20.13	19.77	19.92	20.02	21.70	
		12	0	20.2	20.25	20.26	20.16	20.31	21.70	
		12	6	20.09	20.17	20.15	20.07	20.35	21.70	
		12	13	20.07	20.18	20.23	20.27	20.16	21.70	
	16QAM	25	0	20.12	20.22	20.19	20.41	20.19	21.70	
		1	0	20.3	20.25	20.38	20.26	20.39	21.70	
		1	13	20.13	20.33	20.38	20.42	20.5	21.70	
		1	24	19.8	20.02	20.26	20.23	20.12	21.70	
		12	0	20.12	20.2	20.1	20.32	20.17	21.70	
		12	6	20.13	20.22	20.19	20.22	20.06	21.70	
	64QAM	12	13	20.01	20.11	20.05	20.33	20.11	21.70	
		25	0	20.11	20.21	20.28	20.21	20.29	21.70	
		1	0	20.25	20.29	20.39	20.26	20.35	21.70	
		1	13	20.08	20.38	20.42	20.47	20.45	21.70	
		1	24	19.76	20.00	20.30	20.28	20.10	21.70	
		12	0	20.69	20.58	20.81	20.76	20.64	21.70	
	10MHz	QPSK	12	6	20.63	20.81	20.82	20.81	20.63	21.70
			12	13	20.44	20.60	20.54	20.60	20.64	21.70
			12	13	20.44	20.60	20.54	20.60	20.64	21.70
25			0	21.10	20.93	20.96	20.73	20.73	21.70	
1			0	20.1	20.3	19.92	20.28	19.86	21.70	
1			25	20.1	20.7	20.37	20.22	20.51	21.70	
16QAM		1	49	19.72	20.15	19.77	20.08	19.86	21.70	
		25	0	20.21	20.23	20.2	20.18	20.13	21.70	
		25	13	20.11	20.17	20.38	20.21	20.3	21.70	
		25	25	19.91	20.19	20.04	20.32	20.27	21.70	
	50	0	20.1	20.25	20.35	20.3	20.29	21.70		
	1	0	20.26	20.47	20.34	20.32	20.08	21.70		
64QAM	1	25	20.27	20.63	20.19	20.57	20.76	21.70		
	1	49	19.82	20.11	19.96	20.19	20.23	21.70		
	25	0	20.22	20.33	20.27	20.9	20.51	21.70		
	25	13	20.34	20.27	20.36	20.22	20.51	21.70		
	25	25	20.13	20.26	20.02	20.33	20.36	21.70		
	50	0	20.22	20.23	20.14	20.28	20.27	21.70		
15MHz	QPSK	1	0	20.31	20.27	20.42	20.26	20.43	21.70	
		1	25	20.09	20.30	20.35	20.47	20.54	21.70	
		1	49	19.82	20.01	20.21	20.26	20.14	21.70	
		25	0	20.67	20.65	20.82	20.84	20.69	21.70	
		25	13	20.59	20.72	20.81	20.79	20.68	21.70	
		25	25	20.53	20.62	20.60	20.54	20.58	21.70	
	16QAM	50	0	21.01	20.89	20.92	20.82	20.76	21.70	
		1	0	20.36	20.37	20.4	20.39	20.35	21.70	
		1	38	20.54	20.57	20.68	20.63	20.53	21.70	
		1	74	19.74	19.82	19.78	19.93	19.77	21.70	
15MHz	QPSK	36	0	20.55	20.59	20.46	20.65	20.63	21.70	
		36	18	20.62	20.65	20.59	20.69	20.57	21.70	
		36	39	20.11	20.25	20.26	20.12	20.17	21.70	
		75	0	20.41	20.46	20.42	20.4	20.27	21.70	
		1	0	20.08	20.29	20.09	20.13	20.12	21.70	
		1	38	20.58	20.61	20.55	20.57	20.45	21.70	
	16QAM	1	74	19.7	19.77	19.72	20.01	20.03	21.70	
		36	0	20.39	20.52	20.43	20.49	20.56	21.70	
		36	18	20.55	20.59	20.66	20.65	20.49	21.70	
		36	39	20.17	20.19	20.12	20.03	20.21	21.70	
15MHz	16QAM	75	0	20.42	20.43	20.44	20.42	20.35	21.70	

		1	0	20.31	20.23	20.36	20.22	20.42	21.70	
		1	38	20.12	20.28	20.33	20.41	20.55	21.70	
		1	74	19.80	20.00	20.26	20.20	20.14	21.70	
	64QAM	36	0	20.71	20.63	20.73	20.80	20.68	21.70	
		36	18	20.62	20.74	20.87	20.85	20.63	21.70	
		36	39	20.51	20.62	20.60	20.62	20.59	21.70	
		75	0	21.00	20.94	20.96	20.75	20.71	21.70	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				39750	40185	40620	41055	41490		
<b>20MHz</b>	QPSK	1	0	20.35	20.49	20.45	20.44	20.5	21.70	
		1	50	20.54	20.59	20.65	20.54	20.46	21.70	
		1	99	20.4	20.43	20.4	20.43	20.45	21.70	
		50	0	20.47	20.52	20.52	20.53	20.45	21.70	
		50	25	20.56	20.61	20.65	20.61	20.49	21.70	
		50	50	20.48	20.55	20.52	20.47	20.4	21.70	
			100	0	20.52	20.59	20.56	20.47	20.49	21.70
	16QAM	1	0	20.49	20.59	20.57	20.49	20.54	21.70	
		1	50	20.66	20.72	20.75	20.62	20.59	21.70	
		1	99	20.43	20.5	20.4	20.48	20.39	21.70	
		50	0	20.49	20.54	20.56	20.54	20.5	21.70	
		50	25	20.58	20.63	20.6	20.63	20.53	21.70	
		50	50	20.49	20.55	20.49	20.51	20.45	21.70	
			100	0	20.53	20.61	20.55	20.42	20.48	21.70
	64QAM	1	0	20.29	20.24	20.42	20.25	20.44	21.70	
		1	50	20.09	20.35	20.38	20.37	20.46	21.70	
		1	99	19.78	19.98	20.24	20.22	20.15	21.70	
		50	0	20.68	20.65	20.79	20.84	20.64	21.70	
		50	25	20.64	20.81	20.87	20.83	20.62	21.70	
		50	50	20.44	20.67	20.56	20.60	20.66	21.70	
			100	0	21.01	20.94	20.88	20.82	20.76	21.70

LTE Band 41 DSI 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	23.46	23.45	23.45	23.57	23.64	24.70	
		1	13	23.36	23.37	23.41	23.38	23.49	24.70	
		1	24	23.13	23.52	23.34	23.62	23.38	24.70	
		12	0	22.28	22.4	22.49	22.38	22.51	23.70	
		12	6	22.41	22.43	22.4	22.4	22.37	23.70	
		12	13	22.3	22.52	22.37	22.4	22.48	23.70	
	16QAM	25	0	22.25	22.36	22.34	22.34	22.39	23.70	
		1	0	22.43	22.59	22.85	22.69	22.41	23.70	
		1	13	22.75	22.56	22.94	22.73	22.24	23.70	
		1	24	22.28	22.65	22.57	22.38	22.64	23.70	
		12	0	21.29	21.38	21.47	21.46	21.51	22.70	
		12	6	21.3	21.4	21.47	21.37	21.36	22.70	
	64QAM	12	13	21.39	21.39	21.34	21.37	21.36	22.70	
		25	0	21.39	21.39	21.46	21.36	21.55	22.70	
		1	0	21.51	21.51	21.80	21.53	21.43	22.70	
		1	13	21.70	21.49	21.69	21.60	21.87	22.70	
		1	24	21.40	21.05	20.88	21.35	21.89	22.70	
		12	0	20.78	20.73	20.81	20.74	20.70	21.70	
		12	6	20.64	20.76	20.73	20.70	20.66	21.70	
		12	13	20.53	20.72	20.68	20.72	20.75	21.70	
	25	0	20.93	21.05	20.87	20.81	20.88	21.70		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39700	40160	40620	41080	41540	
	10MHz	QPSK	1	0	23.07	23.23	23.21	23.29	23.17	24.70
1			25	23.36	23.71	23.59	23.41	23.9	24.70	
1			49	23.52	23.55	23.8	23.27	23.48	24.70	
25			0	22.46	22.58	22.6	22.38	22.52	23.70	
25			13	22.28	22.52	22.39	22.42	22.31	23.70	
25			25	22.29	22.42	22.48	22.64	22.38	23.70	
16QAM		50	0	22.38	22.4	22.4	22.41	22.49	23.70	
		1	0	22.64	22.69	22.54	22.71	22.6	23.70	
		1	25	22.45	22.54	22.68	22.85	22.65	23.70	
		1	49	22.07	22.53	22.19	22.43	22.63	23.70	
		25	0	21.5	21.5	21.52	21.6	21.54	22.70	
		25	13	21.32	21.64	21.42	21.55	21.63	22.70	
64QAM		25	25	21.31	21.44	21.3	21.46	21.49	22.70	
		50	0	21.42	21.43	21.52	21.53	21.43	22.70	
		1	0	21.48	21.44	21.67	21.65	21.39	22.70	
		1	25	21.67	21.57	21.62	21.70	21.85	22.70	
		1	49	21.26	21.13	20.89	21.34	22.03	22.70	
		25	0	20.64	20.57	20.80	20.87	20.72	21.70	
		25	13	20.71	20.71	20.73	20.67	20.61	21.70	
		25	25	20.55	20.64	20.53	20.67	20.59	21.70	
50		0	20.97	21.04	20.94	20.78	20.71	21.70		
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39725	40173	40620	41068	41515	
15MHz		QPSK	1	0	23.33	23.67	23.67	23.66	23.53	24.70
	1		38	23.66	23.72	23.79	23.77	23.68	24.70	
	1		74	22.89	22.85	22.88	22.73	22.78	24.70	
	36		0	22.63	22.7	22.65	22.7	22.87	23.70	
	36		18	22.67	22.75	22.86	22.86	22.82	23.70	
	36		39	22.32	22.48	22.36	22.31	22.34	23.70	
	16QAM	75	0	22.73	22.67	22.6	22.58	22.45	23.70	
		1	0	22.5	22.5	22.59	22.26	22.39	23.70	
		1	38	22.75	22.79	22.68	22.91	22.86	23.70	
		1	74	22.05	22.4	22.24	22.39	22.35	23.70	
		36	0	21.69	21.75	21.75	21.66	21.74	22.70	
		36	18	21.64	22.04	21.86	21.82	21.7	22.70	
	64QAM	36	39	21.28	21.35	21.34	21.27	21.31	22.70	
		75	0	21.73	21.68	21.63	21.61	21.56	22.70	

		1	0	21.47	21.44	21.80	21.52	21.51	22.70	
		1	38	21.67	21.60	21.78	21.75	21.85	22.70	
		1	74	21.33	21.18	21.03	21.34	21.98	22.70	
	64QAM	36	0	20.70	20.73	20.73	20.73	20.66	21.70	
		36	18	20.56	20.76	20.91	20.77	20.67	21.70	
		36	39	20.53	20.59	20.56	20.65	20.71	21.70	
		75	0	21.04	20.90	20.94	20.85	20.79	21.70	
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
<b>20MHz</b>	QPSK	1	0	23.56	23.63	23.64	23.63	23.59	24.70	
		1	50	23.65	23.64	23.7	23.61	23.54	24.70	
		1	99	23.56	23.58	23.55	23.61	23.51	24.70	
		50	0	22.65	22.73	22.7	22.69	22.62	23.70	
		50	25	22.74	22.79	22.81	22.77	22.68	23.70	
		50	50	22.63	22.74	22.72	22.61	22.59	23.70	
	16QAM	100	0	22.69	22.78	22.76	22.63	22.65	23.70	
		1	0	22.7	22.79	22.84	22.92	22.73	23.70	
		1	50	22.87	22.95	22.88	22.8	22.92	23.70	
		1	99	22.74	22.66	22.66	22.67	22.71	23.70	
		50	0	21.65	21.74	21.72	21.71	21.66	22.70	
		50	25	21.77	21.85	21.8	21.78	21.72	22.70	
	64QAM	50	50	21.69	21.77	21.71	21.65	21.58	22.70	
		100	0	21.74	21.81	21.8	21.64	21.67	22.70	
		1	0	21.42	21.53	21.75	21.61	21.49	22.70	
		1	50	21.6	21.55	21.69	21.66	21.77	22.70	
		1	99	21.36	21.12	20.96	21.31	21.93	22.70	
		50	0	20.7	20.65	20.78	20.77	20.67	21.70	
			50	25	20.62	20.74	20.81	20.77	20.63	21.70
			50	50	20.45	20.62	20.6	20.62	20.66	21.70
			100	0	21	20.96	20.93	20.79	20.8	21.70

LTE Band 66 DSI 4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	19.99	19.85	19.82	21.50	
		1	2	20.27	20.40	20.31	21.50	
		1	5	20.53	20.64	20.69	21.50	
		3	0	20.37	20.38	20.24	21.50	
		3	1	20.36	20.27	20.35	21.50	
		3	3	20.52	20.38	20.44	21.50	
	16QAM	6	0	20.29	20.41	20.47	21.50	
		1	0	20.05	19.99	19.99	21.50	
		1	2	20.27	20.46	20.54	21.50	
		1	5	20.70	20.65	20.84	21.50	
		3	0	20.23	20.51	20.31	21.50	
		3	1	20.51	20.42	20.58	21.50	
	64QAM	3	3	20.47	20.53	20.39	21.50	
		6	0	20.36	20.46	20.33	21.50	
		1	0	20.00	19.99	20.04	21.50	
		1	2	20.28	20.48	20.52	21.50	
		1	5	20.81	20.65	20.77	21.50	
		3	0	20.24	20.36	20.27	21.50	
	3MHz	QPSK	3	1	20.26	20.44	20.50	21.50
			3	3	20.38	20.42	20.54	21.50
			6	0	20.29	20.51	20.42	21.50
			Channel	Channel	Channel	Tune up		
			131987	132322	132657			
			1	0	19.95	19.99	19.86	21.50
1		7	20.37	20.43	20.44	21.50		
1		14	20.46	20.48	20.74	21.50		
QPSK		8	0	20.38	20.32	20.20	21.50	
		8	4	20.45	20.31	20.44	21.50	
		8	7	20.46	20.42	20.29	21.50	
		15	0	20.28	20.31	20.34	21.50	
		1	0	20.08	20.02	19.99	21.50	
		1	7	20.42	20.49	20.43	21.50	
16QAM		1	14	20.63	20.73	20.79	21.50	
		8	0	20.32	20.56	20.17	21.50	
		8	4	20.34	20.33	20.45	21.50	
		8	7	20.51	20.43	20.55	21.50	
		15	0	20.29	20.39	20.38	21.50	
		1	0	20.00	19.96	20.03	21.50	
64QAM		1	7	20.25	20.46	20.43	21.50	
		1	14	20.79	20.66	20.84	21.50	
		8	0	20.21	20.40	20.33	21.50	
		8	4	20.44	20.43	20.61	21.50	
	8	7	20.39	20.60	20.42	21.50		
	15	0	20.25	20.47	20.30	21.50		
5MHz	QPSK	Channel	Channel	Channel	Tune up			
		131997	132322	132647				
		1	0	19.97	19.87	19.82	21.50	
		1	13	20.27	20.40	20.45	21.50	
		1	24	20.53	20.50	20.65	21.50	
		12	0	20.23	20.27	20.33	21.50	
	QPSK	12	6	20.35	20.36	20.39	21.50	
		12	13	20.46	20.33	20.40	21.50	
		25	0	20.30	20.26	20.28	21.50	
		1	0	19.97	19.90	19.86	21.50	
		1	13	20.31	20.45	20.50	21.50	
		1	24	20.67	20.65	20.74	21.50	
	16QAM	12	0	20.24	20.39	20.18	21.50	
		12	6	20.34	20.25	20.47	21.50	
		12	13	20.34	20.52	20.57	21.50	
		25	0	20.38	20.37	20.49	21.50	
		1	0	19.92	20.00	19.94	21.50	
		1	13	20.36	20.45	20.46	21.50	
	64QAM	1	24	20.79	20.77	20.85	21.50	
		12	0	20.33	20.43	20.28	21.50	
		12	6	20.28	20.44	20.50	21.50	
		12	13	20.49	20.45	20.59	21.50	
		25	0	20.41	20.37	20.33	21.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.94	19.95	19.91	21.50
		1	25	20.36	20.35	20.42	21.50
		1	49	20.56	20.53	20.59	21.50
		25	0	20.38	20.21	20.24	21.50
		25	13	20.44	20.32	20.31	21.50
		25	25	20.50	20.43	20.32	21.50
	16QAM	50	0	20.31	20.40	20.44	21.50
		1	0	20.09	19.86	20.04	21.50
		1	25	20.42	20.55	20.53	21.50
		1	49	20.58	20.83	20.86	21.50
		25	0	20.22	20.38	20.13	21.50
		25	13	20.37	20.33	20.43	21.50
	64QAM	25	25	20.39	20.58	20.37	21.50
		50	0	20.39	20.39	20.38	21.50
		1	0	20.09	20.09	19.95	21.50
		1	25	20.37	20.32	20.35	21.50
		1	49	20.74	20.81	20.83	21.50
		25	0	20.30	20.48	20.21	21.50
15MHz	QPSK	25	13	20.35	20.36	20.47	21.50
		25	25	20.53	20.52	20.44	21.50
		50	0	20.21	20.40	20.43	21.50
		1	0	19.95	19.83	19.89	21.50
		1	38	20.44	20.45	20.44	21.50
		1	74	20.51	20.58	20.71	21.50
	16QAM	36	0	20.23	20.34	20.17	21.50
		36	18	20.36	20.42	20.32	21.50
		36	39	20.37	20.31	20.38	21.50
		75	0	20.34	20.36	20.32	21.50
		1	0	19.97	19.92	20.02	21.50
		1	38	20.37	20.41	20.44	21.50
	64QAM	1	74	20.59	20.85	20.8	21.50
		36	0	20.25	20.38	20.23	21.50
		36	18	20.43	20.29	20.48	21.50
		36	39	20.49	20.42	20.52	21.50
		75	0	20.37	20.36	20.45	21.50
		1	0	20.07	19.92	20.07	21.50
20MHz	QPSK	1	38	20.35	20.47	20.46	21.50
		1	74	20.71	20.68	20.74	21.50
		36	0	20.21	20.45	20.35	21.50
		36	18	20.42	20.42	20.61	21.50
		36	39	20.40	20.54	20.49	21.50
		75	0	20.28	20.50	20.45	21.50
	16QAM	1	0	19.95	19.89	19.85	21.50
		1	50	20.35	20.35	20.36	21.50
		1	99	20.56	20.58	20.65	21.50
		50	0	20.29	20.29	20.26	21.50
		50	25	20.38	20.34	20.39	21.50
		50	50	20.45	20.38	20.39	21.50
	64QAM	100	0	20.38	20.34	20.37	21.50
		1	0	20.04	19.92	19.94	21.50
		1	50	20.37	20.47	20.50	21.50
		1	99	20.67	20.75	20.77	21.50
		50	0	20.26	20.46	20.22	21.50
		50	25	20.44	20.34	20.53	21.50
64QAM	50	50	20.42	20.51	20.47	21.50	
	100	0	20.37	20.46	20.41	21.50	
	1	0	20.02	20.02	20.00	21.50	
	1	50	20.28	20.38	20.44	21.50	
	1	99	20.74	20.71	20.80	21.50	
	50	0	20.27	20.46	20.27	21.50	
20MHz	64QAM	50	25	20.34	20.36	20.52	21.50
		50	50	20.48	20.50	20.50	21.50
		100	0	20.31	20.46	20.38	21.50

LTE Band 66 DSI 5/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	18.95	18.86	18.87	20.50	
		1	2	19.38	19.37	19.40	20.50	
		1	5	19.66	19.57	19.64	20.50	
		3	0	19.34	19.33	19.22	20.50	
		3	1	19.36	19.29	19.34	20.50	
		3	3	19.40	19.41	19.45	20.50	
	16QAM	6	0	19.29	19.26	19.33	20.50	
		1	0	19.01	18.98	18.85	20.50	
		1	2	19.38	19.36	19.45	20.50	
		1	5	19.60	19.78	19.79	20.50	
		3	0	19.14	19.48	19.16	20.50	
		3	1	19.36	19.38	19.53	20.50	
	64QAM	3	3	19.43	19.48	19.52	20.50	
		6	0	19.37	19.49	19.42	20.50	
		1	0	19.04	18.76	18.87	20.50	
		1	2	19.29	19.59	19.47	20.50	
		1	5	19.60	19.70	19.81	20.50	
		3	0	19.23	19.38	19.21	20.50	
	3MHz	QPSK	3	1	19.53	19.50	19.55	20.50
			3	3	19.38	19.52	19.41	20.50
			6	0	19.33	19.29	19.52	20.50
1			0	18.85	18.84	18.81	20.50	
1			7	19.45	19.39	19.45	20.50	
1			14	19.50	19.67	19.69	20.50	
16QAM		8	0	19.21	19.19	19.17	20.50	
		8	4	19.39	19.32	19.29	20.50	
		8	7	19.50	19.34	19.42	20.50	
		15	0	19.27	19.45	19.34	20.50	
		1	0	19.12	18.99	18.96	20.50	
		1	7	19.37	19.50	19.36	20.50	
64QAM	1	14	19.67	19.75	19.81	20.50		
	8	0	19.26	19.43	19.17	20.50		
	8	4	19.46	19.35	19.46	20.50		
	8	7	19.34	19.49	19.46	20.50		
	15	0	19.36	19.41	19.47	20.50		
	1	0	19.05	18.85	18.83	20.50		
5MHz	QPSK	1	7	19.41	19.48	19.43	20.50	
		1	14	19.57	19.69	19.77	20.50	
		8	0	19.31	19.38	19.22	20.50	
		8	4	19.43	19.48	19.52	20.50	
		8	7	19.37	19.40	19.48	20.50	
		15	0	19.36	19.38	19.37	20.50	
	16QAM	1	0	18.97	18.86	18.75	20.50	
		1	13	19.45	19.38	19.41	20.50	
		1	24	19.60	19.61	19.57	20.50	
		12	0	19.32	19.24	19.28	20.50	
		12	6	19.35	19.41	19.35	20.50	
		12	13	19.42	19.29	19.30	20.50	
	64QAM	25	0	19.39	19.28	19.36	20.50	
		1	0	19.00	18.94	18.88	20.50	
		1	13	19.35	19.37	19.38	20.50	
		1	24	19.68	19.82	19.72	20.50	
		12	0	19.24	19.46	19.24	20.50	
		12	6	19.41	19.27	19.50	20.50	
64QAM	12	13	19.38	19.53	19.51	20.50		
	25	0	19.43	19.53	19.34	20.50		
	1	0	19.04	18.96	18.91	20.50		
	1	13	19.48	19.60	19.45	20.50		
	1	24	19.73	19.59	19.77	20.50		
	12	0	19.13	19.39	19.21	20.50		
64QAM	12	6	19.42	19.46	19.61	20.50		
	12	13	19.49	19.54	19.28	20.50		
	25	0	19.38	19.44	19.38	20.50		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	18.87	18.84	18.82	20.50
		1	25	19.42	19.43	19.35	20.50
		1	49	19.64	19.58	19.75	20.50
		25	0	19.23	19.25	19.32	20.50
		25	13	19.38	19.36	19.29	20.50
		25	25	19.42	19.49	19.29	20.50
	16QAM	50	0	19.28	19.33	19.41	20.50
		1	0	19.06	18.97	18.83	20.50
		1	25	19.41	19.50	19.38	20.50
		1	49	19.70	19.65	19.77	20.50
		25	0	19.17	19.55	19.27	20.50
		25	13	19.43	19.25	19.52	20.50
	64QAM	25	25	19.39	19.41	19.40	20.50
		50	0	19.41	19.37	19.50	20.50
		1	0	19.06	18.87	18.83	20.50
		1	25	19.32	19.59	19.31	20.50
		1	49	19.66	19.58	19.83	20.50
		25	0	19.14	19.38	19.04	20.50
15MHz	QPSK	25	13	19.52	19.43	19.43	20.50
		25	25	19.46	19.43	19.28	20.50
		50	0	19.28	19.49	19.38	20.50
		1	0	19.01	18.96	18.87	20.50
		1	38	19.36	19.45	19.27	20.50
		1	74	19.51	19.65	19.68	20.50
	16QAM	36	0	19.23	19.37	19.17	20.50
		36	18	19.47	19.30	19.34	20.50
		36	39	19.56	19.30	19.40	20.50
		75	0	19.35	19.27	19.43	20.50
		1	0	18.97	18.88	18.93	20.50
		1	38	19.34	19.53	19.39	20.50
	64QAM	1	74	19.59	19.66	19.69	20.50
		36	0	19.14	19.54	19.25	20.50
		36	18	19.32	19.27	19.48	20.50
		36	39	19.51	19.58	19.51	20.50
		75	0	19.34	19.37	19.39	20.50
		1	0	19.01	18.78	18.87	20.50
20MHz	QPSK	1	38	19.28	19.56	19.43	20.50
		1	74	19.56	19.76	19.81	20.50
		36	0	19.25	19.56	19.23	20.50
		36	18	19.39	19.39	19.48	20.50
		36	39	19.49	19.54	19.33	20.50
		75	0	19.28	19.29	19.34	20.50
	16QAM	1	0	19.05	18.93	18.91	20.50
		1	50	19.37	19.44	19.46	20.50
		1	99	19.63	19.73	19.73	20.50
		50	0	19.24	19.45	19.23	20.50
		50	25	19.42	19.30	19.52	20.50
		50	50	19.41	19.48	19.46	20.50
	64QAM	100	0	19.38	19.44	19.41	20.50
		1	0	19.00	18.86	18.87	20.50
		1	50	19.38	19.50	19.40	20.50
		1	99	19.66	19.68	19.83	20.50
		50	0	19.21	19.47	19.14	20.50
		50	25	19.47	19.40	19.51	20.50
10MHz	QPSK	50	50	19.45	19.44	19.38	20.50
		100	0	19.37	19.39	19.44	20.50
		1	0	132072	132322	132572	Tune up
		1	0	18.94	18.86	18.83	20.50
		1	50	19.36	19.35	19.36	20.50
		1	99	19.57	19.58	19.66	20.50
	16QAM	50	0	19.30	19.27	19.22	20.50
		50	25	19.39	19.32	19.38	20.50
		50	50	19.46	19.39	19.39	20.50
		100	0	19.34	19.35	19.38	20.50
		1	0	19.05	18.93	18.91	20.50
		1	50	19.37	19.44	19.46	20.50
	64QAM	1	99	19.63	19.73	19.73	20.50
		50	0	19.24	19.45	19.23	20.50
		50	25	19.42	19.30	19.52	20.50
		50	50	19.41	19.48	19.46	20.50
		100	0	19.38	19.44	19.41	20.50
		1	0	19.00	18.86	18.87	20.50



LTE Band 66 DSI 7				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	22.01	22.02	22.10	23.50	
		1	2	22.05	22.24	21.87	23.50	
		1	5	22.19	21.94	21.63	23.50	
		3	0	21.95	22.02	22.15	23.50	
		3	1	21.97	22.07	21.81	23.50	
		3	3	22.02	22.09	21.86	23.50	
	16QAM	6	0	21.94	21.86	22.03	23.50	
		1	0	22.28	22.32	22.34	23.50	
		1	2	22.27	22.35	22.28	23.50	
		1	5	22.06	22.15	22.10	23.50	
		3	0	22.17	22.26	22.20	23.50	
		3	1	22.24	22.21	22.21	23.50	
	64QAM	3	3	22.16	22.15	22.06	23.50	
		6	0	21.07	21.16	21.19	22.50	
		1	0	21.00	21.07	20.98	22.50	
		1	2	21.23	21.14	21.04	22.50	
		1	5	20.91	21.00	20.98	22.50	
		3	0	21.23	21.20	21.30	22.50	
	3MHz	QPSK	3	1	21.14	21.06	21.13	22.50
			3	3	20.96	20.92	20.98	22.50
			6	0	20.12	20.14	20.22	21.50
1			0	21.94	22.05	22.09	23.50	
1			7	22.00	22.21	21.91	23.50	
1			14	22.14	21.91	21.71	23.50	
16QAM		8	0	21.99	22.00	22.18	23.50	
		8	4	22.00	22.04	21.89	23.50	
		8	7	21.98	22.04	21.77	23.50	
		15	0	22.01	21.88	21.93	23.50	
		1	0	22.19	22.37	22.05	23.50	
		1	7	22.32	22.23	21.98	23.50	
64QAM	1	14	22.37	22.05	22.10	23.50		
	8	0	20.94	21.05	21.04	22.50		
	8	4	21.15	21.04	20.91	22.50		
	8	7	21.12	20.80	20.67	22.50		
	15	0	21.14	20.93	20.96	22.50		
	1	0	21.00	21.00	21.14	22.50		
5MHz	QPSK	1	7	21.17	21.17	21.22	22.50	
		1	14	21.25	21.37	21.34	22.50	
		8	0	20.14	20.07	19.97	21.50	
		8	4	20.17	20.06	20.14	21.50	
		8	7	20.30	20.18	20.11	21.50	
		15	0	20.05	20.12	20.04	21.50	
	16QAM	1	0	22.02	22.04	21.99	23.50	
		1	13	22.09	22.22	22.08	23.50	
		1	24	22.21	21.83	21.83	23.50	
		12	0	21.94	21.96	22.05	23.50	
		12	6	22.02	22.03	21.90	23.50	
		12	13	21.96	22.08	21.91	23.50	
25		0	22.07	21.94	21.84	23.50		
1		0	22.22	22.25	22.18	23.50		
1		13	22.36	22.24	22.03	23.50		
1		24	22.45	22.14	22.21	23.50		
12		0	20.97	21.11	21.00	22.50		
12		6	21.08	21.09	20.96	22.50		
12		13	21.04	20.84	20.58	22.50		
25		0	21.02	20.91	20.86	22.50		
64QAM		1	0	21.08	21.05	21.15	22.50	
		1	13	21.29	21.14	21.29	22.50	
		1	24	21.20	21.40	21.25	22.50	
		12	0	20.08	19.98	20.00	21.50	
	12	6	20.06	20.05	20.23	21.50		
	12	13	20.12	20.11	20.07	21.50		
25	0	20.20	19.97	20.00	21.50			

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132022	132322	132622		
10MHz	QPSK	1	0	22.04	22.19	22.05	23.50	
		1	25	21.95	22.23	22.02	23.50	
		1	49	22.14	21.98	21.67	23.50	
		25	0	21.99	21.95	22.16	23.50	
		25	13	22.04	22.03	22.03	23.50	
		25	25	22.02	21.99	21.94	23.50	
	16QAM	50	0	22.14	21.93	22.03	23.50	
		1	0	22.26	22.29	22.08	23.50	
		1	25	22.31	22.10	22.14	23.50	
		1	49	22.43	22.20	22.14	23.50	
		25	0	20.99	21.07	21.02	22.50	
		25	13	21.07	21.10	20.97	22.50	
	64QAM	25	25	20.99	20.87	20.70	22.50	
		50	0	20.99	20.77	20.93	22.50	
		1	0	21.07	21.11	21.04	22.50	
		1	25	21.32	21.26	21.21	22.50	
		1	49	21.28	21.30	21.23	22.50	
		25	0	20.14	20.06	19.97	21.50	
15MHz	QPSK	25	13	20.07	20.07	20.28	21.50	
		25	25	20.19	20.16	20.10	21.50	
		50	0	20.23	20.14	20.04	21.50	
		1	0	21.95	22.10	22.08	23.50	
		1	38	22.03	22.15	22.01	23.50	
		1	74	22.12	21.88	21.73	23.50	
	16QAM	36	0	21.99	22.04	22.10	23.50	
		36	18	22.07	22.06	21.93	23.50	
		36	39	22.04	21.99	21.84	23.50	
		75	0	22.07	21.93	21.93	23.50	
		1	0	22.24	22.32	22.15	23.50	
		1	38	22.27	22.14	22.04	23.50	
	64QAM	1	74	22.37	22.15	22.11	23.50	
		36	0	21.03	21.09	20.98	22.50	
		36	18	21.15	21.03	20.93	22.50	
		36	39	21.03	20.85	20.67	22.50	
		75	0	21.08	20.87	20.92	22.50	
		1	0	20.98	21.08	21.07	22.50	
20MHz	QPSK	1	38	21.19	21.14	21.33	22.50	
		1	74	21.22	21.21	21.19	22.50	
		36	0	20.04	20.08	19.93	21.50	
		36	18	20.10	20.03	20.19	21.50	
		36	39	20.12	20.29	20.08	21.50	
		75	0	20.12	20.06	19.97	21.50	
	16QAM	1	0	22.07	21.87	21.97	23.50	
		1	50	22.39	22.47	22.49	23.50	
		1	99	22.69	22.73	22.76	23.50	
		50	0	21.33	21.45	21.31	22.50	
		50	25	21.49	21.48	21.67	22.50	
		50	50	21.54	21.66	21.51	22.50	
		100	0	21.44	21.44	21.44	22.50	
		64QAM	1	0	21.03	21.08	21.09	22.50
			1	50	21.25	21.18	21.23	22.50
			1	99	21.26	21.31	21.26	22.50
			50	0	20.09	20.02	19.99	21.50
			50	25	20.07	20.12	20.22	21.50
50	50		20.21	20.20	20.16	21.50		
10MHz	QPSK	100	0	20.13	20.05	20.06	21.50	
		1	0	132072	132322	132572	Tune up	
		1	50	21.95	21.85	21.85	23.50	
		1	99	22.31	22.34	22.40	23.50	
		1	99	22.50	22.59	22.70	23.50	
		50	0	22.29	22.30	22.27	23.50	
	16QAM	50	25	22.34	22.31	22.39	23.50	
		50	50	22.40	22.37	22.35	23.50	
		100	0	22.39	22.29	22.38	23.50	
		1	0	22.07	21.87	21.97	23.50	
		1	50	22.39	22.47	22.49	23.50	
		1	99	22.69	22.73	22.76	23.50	
	64QAM	50	0	21.33	21.45	21.31	22.50	
		50	25	21.49	21.48	21.67	22.50	
		50	50	21.54	21.66	21.51	22.50	
		100	0	21.44	21.44	21.44	22.50	
		1	0	21.03	21.08	21.09	22.50	
		1	50	21.25	21.18	21.23	22.50	
16QAM	1	99	21.26	21.31	21.26	22.50		
	50	0	20.09	20.02	19.99	21.50		
	50	25	20.07	20.12	20.22	21.50		
	50	50	20.21	20.20	20.16	21.50		
	100	0	20.13	20.05	20.06	21.50		
	100	0	20.13	20.05	20.06	21.50		

## 2 Conducted Power of Main Antenna (Ant31)

### 2.1 Conducted Power of GSM

GSM 850 DSI 2/3/4/5/6										
		Burst Output Power(dBm)				Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.49	32.58	31.97	33.40	-9.19	23.30	23.39	22.78	24.21
GPRS (GMSK)	1 TX Slot	32.37	32.65	31.69	33.40	-9.19	23.18	23.46	22.50	24.21
	2 TX Slots	30.17	30.15	30.12	31.00	-6.18	23.99	23.97	23.94	24.82
	3 TX Slots	27.95	27.80	27.85	28.70	-4.42	23.53	23.38	23.43	24.28
	4 TX Slots	26.25	26.18	26.15	27.40	-3.17	23.08	23.01	22.98	24.23
EGPRS (GMSK)	1 TX Slot	32.57	32.45	31.88	33.40	-9.19	23.38	23.26	22.69	24.21
	2 TX Slots	30.15	30.19	29.74	31.00	-6.18	23.97	24.01	23.56	24.82
	3 TX Slots	27.83	28.09	27.47	28.70	-4.42	23.41	23.67	23.05	24.28
	4 TX Slots	26.23	26.55	26.02	27.40	-3.17	23.06	23.38	22.85	24.23
EGPRS (8PSK)	1 TX Slot	25.81	25.68	25.64	26.70	-9.19	16.62	16.49	16.45	17.51
	2 TX Slots	24.07	24.06	23.96	25.20	-6.18	17.89	17.88	17.78	19.02
	3 TX Slots	21.84	21.93	21.84	23.20	-4.42	17.42	17.51	17.42	18.78
	4 TX Slots	20.31	20.15	20.20	21.20	-3.17	17.14	16.98	17.03	18.03

GSM 1900 DSI 2/3										
		Burst Output Power(dBm)				Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.75	29.64	30.14	30.90	-9.19	20.56	20.45	20.95	21.71
GPRS (GMSK)	1 TX Slot	29.77	29.65	30.19	30.90	-9.19	20.58	20.46	21.00	21.71
	2 TX Slots	27.35	27.98	28.12	28.90	-6.18	21.17	21.80	21.94	22.72
	3 TX Slots	25.18	25.76	25.94	26.70	-4.42	20.76	21.34	21.52	22.28
	4 TX Slots	23.68	23.80	24.32	25.20	-3.17	20.51	20.63	21.15	22.03
EGPRS (GMSK)	1 TX Slot	29.93	29.69	30.11	30.90	-9.19	20.74	20.50	20.92	21.71
	2 TX Slots	27.85	28.03	28.30	28.90	-6.18	21.67	21.85	22.12	22.72
	3 TX Slots	25.72	25.89	26.21	26.70	-4.42	21.30	21.47	21.79	22.28
	4 TX Slots	24.12	24.01	24.64	25.20	-3.17	20.95	20.84	21.47	22.03
EGPRS (8PSK)	1 TX Slot	25.31	25.22	25.53	27.20	-9.19	16.12	16.03	16.34	18.01
	2 TX Slots	23.71	23.57	24.04	25.20	-6.18	17.53	17.39	17.86	19.02
	3 TX Slots	21.62	21.44	21.93	23.20	-4.42	17.20	17.02	17.51	18.78
	4 TX Slots	19.94	19.84	20.24	21.70	-3.17	16.77	16.67	17.07	18.53

GSM 1900 DSI 4										
		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	27.74	28.05	28.31	28.90	-9.19	18.55	18.86	19.12	19.71
GPRS (GMSK)	1 TX Slot	27.81	28.22	28.29	28.90	-9.19	18.62	19.03	19.10	19.71
	2 TX Slots	25.71	26.04	26.25	26.90	-6.18	19.53	19.86	20.07	20.72
	3 TX Slots	23.65	23.81	24.06	24.70	-4.42	19.23	19.39	19.64	20.28
	4 TX Slots	22.01	21.90	22.08	23.20	-3.17	18.84	18.73	18.91	20.03
EGPRS (GMSK)	1 TX Slot	27.79	28.12	28.32	28.90	-9.19	18.60	18.93	19.13	19.71
	2 TX Slots	25.68	26.02	26.22	26.90	-6.18	19.50	19.84	20.04	20.72
	3 TX Slots	23.62	23.82	24.04	24.70	-4.42	19.20	19.40	19.62	20.28
	4 TX Slots	21.94	22.02	22.14	23.20	-3.17	18.77	18.85	18.97	20.03
EGPRS (8PSK)	1 TX Slot	25.31	25.22	25.53	27.20	-9.19	16.12	16.03	16.34	18.01
	2 TX Slots	23.71	23.57	24.04	25.20	-6.18	17.53	17.39	17.86	19.02
	3 TX Slots	21.62	21.44	21.93	23.20	-4.42	17.20	17.02	17.51	18.78
	4 TX Slots	19.94	19.84	20.24	21.70	-3.17	16.77	16.67	17.07	18.53

GSM 1900 DSI 5/6										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	25.81	26.07	26.45	26.90	-9.19	16.62	16.88	17.26	17.71
GPRS (GMSK)	1 TX Slot	25.79	26.25	26.46	26.90	-9.19	16.60	17.06	17.27	17.71
	2 TX Slots	23.77	24.03	24.33	24.90	-6.18	17.59	17.85	18.15	18.72
	3 TX Slots	21.59	21.86	22.15	22.70	-4.42	17.17	17.44	17.73	18.28
	4 TX Slots	19.92	19.88	20.42	21.20	-3.17	16.75	16.71	17.25	18.03
EGPRS (GMSK)	1 TX Slot	25.95	26.05	26.51	26.90	-9.19	16.76	16.86	17.32	17.71
	2 TX Slots	23.95	23.95	24.43	24.90	-6.18	17.77	17.77	18.25	18.72
	3 TX Slots	21.74	21.81	22.25	22.70	-4.42	17.32	17.39	17.83	18.28
	4 TX Slots	20.06	19.86	20.55	21.20	-3.17	16.89	16.69	17.38	18.03
EGPRS (8PSK)	1 TX Slot	25.18	25.21	25.74	26.70	-9.19	15.99	16.02	16.55	17.51
	2 TX Slots	23.66	23.67	24.14	24.70	-6.18	17.48	17.49	17.96	18.52
	3 TX Slots	21.08	21.01	21.40	22.70	-4.42	16.66	16.59	16.98	18.28
	4 TX Slots	19.45	19.34	19.74	21.20	-3.17	16.28	16.17	16.57	18.03

## 2.2 Conducted Power of WCDMA

WCDMA Band II DSI 2/3					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.92	23.04	23.03	23.90
	12.2kbps AMR	22.92	23.01	23.04	23.90
HSDPA	Subtest 1	21.83	21.92	21.83	22.90
	Subtest 2	21.89	21.93	21.80	22.90
	Subtest 3	21.31	21.40	21.28	22.40
	Subtest 4	21.39	21.42	21.30	22.40
HSUPA	Subtest 1	21.82	21.88	21.80	22.90
	Subtest 2	19.76	19.82	19.79	20.90
	Subtest 3	20.77	20.85	20.75	21.90
	Subtest 4	19.86	19.85	19.77	20.90
DC-HSDPA	Subtest 1	21.85	21.85	21.88	22.90
	Subtest 2	21.81	21.90	21.83	22.90
	Subtest 3	21.27	21.51	21.25	22.40
	Subtest 4	21.31	21.48	21.28	22.40
HSPA+	16QAM	20.75	20.85	20.80	21.90

WCDMA Band II DSI 4					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.97	20.03	20	20.90
	12.2kbps AMR	20.01	19.99	20.02	20.90
HSDPA	Subtest 1	18.90	18.91	18.81	19.90
	Subtest 2	18.92	18.83	18.78	19.90
	Subtest 3	18.24	18.32	18.36	19.40
	Subtest 4	18.34	18.50	18.39	19.40
HSUPA	Subtest 1	18.90	18.80	18.88	19.90
	Subtest 2	16.84	16.76	16.76	17.90
	Subtest 3	17.79	17.87	17.67	18.90
	Subtest 4	16.81	16.86	16.72	17.90
	Subtest 5	18.83	19.00	18.88	19.90
DC-HSDPA	Subtest 1	18.87	18.81	18.77	19.90
	Subtest 2	18.95	18.79	18.68	19.90
	Subtest 3	18.30	18.18	18.46	19.40
	Subtest 4	18.32	18.41	18.31	19.40
HSPA+	16QAM	17.80	17.85	17.65	18.90

WCDMA Band II DSI 5/6					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	18.93	19	18.97	19.90
	12.2kbps AMR	18.94	19.01	18.96	19.90
HSDPA	Subtest 1	17.77	17.98	17.80	18.90
	Subtest 2	17.82	17.94	17.75	18.90
	Subtest 3	17.26	17.42	17.20	18.40
	Subtest 4	17.34	17.52	17.35	18.40
HSUPA	Subtest 1	17.83	17.95	17.74	18.90
	Subtest 2	15.74	15.76	15.88	16.90
	Subtest 3	16.81	16.85	16.72	17.90
	Subtest 4	15.96	15.79	15.83	16.90
DC-HSDPA	Subtest 1	17.85	17.94	17.90	18.90
	Subtest 2	17.84	18.12	17.87	18.90
	Subtest 3	17.73	17.83	17.80	18.90
	Subtest 4	17.15	17.36	17.27	18.40
HSPA+	16QAM	17.39	17.65	17.43	18.40
HSPA+	16QAM	16.80	16.85	16.70	17.90

WCDMA Band IV DSI 2/3					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.21	23.35	23.31	24.10
	12.2kbps AMR	23.25	23.36	23.22	24.10
HSDPA	Subtest 1	22.11	22.22	22.12	23.10
	Subtest 2	22.09	22.16	22.09	23.10
	Subtest 3	21.60	21.68	21.59	22.60
	Subtest 4	21.59	21.68	21.57	22.60
HSUPA	Subtest 1	21.59	21.56	21.57	23.10
	Subtest 2	19.60	19.56	19.55	21.10
	Subtest 3	20.59	20.65	20.51	22.10
	Subtest 4	19.59	19.64	19.56	21.10
	Subtest 5	21.60	21.70	21.60	23.10
DC-HSDPA	Subtest 1	22.21	22.07	22.08	23.10
	Subtest 2	22.08	22.30	22.23	23.10
	Subtest 3	21.64	21.60	21.48	22.60
	Subtest 4	21.64	21.80	21.46	22.60
HSPA+	16QAM	20.60	20.65	20.50	22.10

WCDMA Band IV DSI 4					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.64	19.7	19.79	20.60
	12.2kbps AMR	19.59	19.62	19.75	20.60
HSDPA	Subtest 1	18.58	18.76	18.57	19.60
	Subtest 2	18.54	18.61	18.61	19.60
	Subtest 3	18.13	18.22	18.10	19.10
	Subtest 4	18.02	18.11	18.00	19.10
HSUPA	Subtest 1	18.04	18.13	18.06	19.60
	Subtest 2	16.03	16.03	16.11	17.60
	Subtest 3	17.13	17.21	17.06	18.60
	Subtest 4	16.15	16.23	16.02	17.60
	Subtest 5	18.09	18.11	18.19	19.60
DC-HSDPA	Subtest 1	18.47	18.64	18.43	19.60
	Subtest 2	18.50	18.68	18.67	19.60
	Subtest 3	18.10	18.20	18.05	19.10
	Subtest 4	18.06	17.97	17.99	19.10
HSPA+	16QAM	17.15	17.20	17.05	18.60

WCDMA Band IV DSI 5/6					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.63	18.77	18.74	19.60
	12.2kbps AMR	18.65	18.79	18.75	19.60
HSDPA	Subtest 1	17.66	17.73	17.70	18.60
	Subtest 2	17.52	17.64	17.67	18.60
	Subtest 3	17.01	17.13	17.10	18.10
	Subtest 4	17.18	17.25	17.12	18.10
HSUPA	Subtest 1	17.02	16.98	17.08	18.60
	Subtest 2	15.03	15.07	15.01	16.60
	Subtest 3	16.09	16.13	16.02	17.60
	Subtest 4	15.08	15.05	15.12	16.60
	Subtest 5	17.02	17.13	17.14	18.60
DC-HSDPA	Subtest 1	17.75	17.62	17.74	18.60
	Subtest 2	17.58	17.52	17.62	18.60
	Subtest 3	16.88	17.10	17.24	18.10
	Subtest 4	17.17	17.10	17.05	18.10
HSPA+	16QAM	16.10	16.15	16.00	17.60

WCDMA Band V DSI 2/3/4/5/6					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.20	23.33	23.48	24.20
	12.2kbps AMR	23.18	23.26	23.45	24.20
HSDPA	Subtest 1	22.64	22.33	22.31	23.20
	Subtest 2	22.62	22.27	22.36	23.20
	Subtest 3	21.88	21.97	21.81	22.70
	Subtest 4	22.07	21.94	21.82	22.70
HSUPA	Subtest 1	22.38	22.30	22.40	23.20
	Subtest 2	20.34	20.31	20.29	21.20
	Subtest 3	21.36	21.32	21.32	22.20
	Subtest 4	20.33	20.28	20.19	21.20
DC-HSDPA	Subtest 5	22.40	22.30	22.40	23.20
	Subtest 1	22.66	22.32	22.23	23.20
	Subtest 2	22.53	22.20	22.47	23.20
	Subtest 3	21.99	22.12	21.82	22.70
HSPA+	Subtest 4	21.97	21.83	21.93	22.70
	16QAM	21.35	21.30	21.30	22.20

### 2.3 Conducted Power of LTE

LTE Band 2 DSI 2/3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	22.8	22.76	22.82	23.90	
		1	2	22.8	22.78	22.87	23.90	
		1	5	22.7	22.72	22.79	23.90	
		3	0	22.83	22.78	22.76	23.90	
		3	2	22.8	22.73	22.84	23.90	
		3	3	22.84	22.79	22.79	23.90	
	16QAM	6	0	21.78	21.71	21.87	22.90	
		1	0	22.15	22.07	22.17	22.90	
		1	2	22.37	22.12	22.37	22.90	
		1	5	22.33	22.14	21.82	22.90	
		3	0	21.84	21.88	21.98	22.90	
		3	2	21.79	21.72	21.92	22.90	
	64QAM	3	3	21.85	21.79	21.87	22.90	
		6	0	20.94	20.76	21	21.90	
		1	0	20.63	20.73	20.64	21.90	
		1	2	20.80	20.77	20.87	21.90	
		1	5	20.59	20.62	20.57	21.90	
		3	0	20.63	20.70	20.80	21.90	
	3MHz	QPSK	3	2	20.68	20.65	20.61	21.90
			3	3	20.63	20.69	20.71	21.90
			6	0	19.76	19.82	19.82	20.90
			1	0	23.08	22.56	22.68	23.90
			1	7	23.17	22.86	23.18	23.90
			1	14	23.03	22.52	22.49	23.90
3MHz	16QAM	8	0	21.92	21.62	21.73	22.90	
		8	4	22.01	21.35	21.67	22.90	
		8	7	21.89	21.40	21.91	22.90	
		15	0	22.10	21.52	21.51	22.90	
		1	0	22.15	21.61	22.11	22.90	
		1	7	21.90	22.06	22.23	22.90	
	64QAM	1	14	21.86	22.09	22.21	22.90	
		8	0	21.25	20.67	20.89	21.90	
		8	4	21.15	20.63	20.81	21.90	
		8	7	21.05	20.35	20.57	21.90	
		15	0	20.68	20.79	20.82	21.90	
		1	0	21.40	21.59	21.86	21.90	
	5MHz	QPSK	1	7	21.85	21.75	21.75	21.90
			1	14	21.40	21.39	21.39	21.90
			8	0	20.66	20.64	20.65	20.90
			8	4	20.57	20.47	20.76	20.90
			8	7	20.34	20.51	20.35	20.90
			15	0	20.38	20.45	20.79	20.90
5MHz	16QAM	1	0	23.14	22.72	22.78	23.90	
		1	13	22.93	22.75	22.95	23.90	
		1	24	22.85	22.55	22.67	23.90	
		12	0	21.76	21.49	21.77	22.90	
		12	6	21.97	21.59	21.81	22.90	
		12	13	21.97	21.53	21.8	22.90	
	64QAM	25	0	21.86	21.6	21.72	22.90	
		1	0	22.31	21.71	22.13	22.90	
		1	13	21.94	21.84	22.38	22.90	
		1	24	22.01	21.91	21.98	22.90	
		12	0	21	20.43	20.81	21.90	
		12	6	20.93	20.57	20.61	21.90	
	QPSK	12	13	20.84	20.53	20.74	21.90	
		25	0	20.86	20.59	20.67	21.90	
		1	0	21.50	21.45	21.83	21.90	
		1	13	21.73	21.79	21.69	21.90	
		1	24	21.27	21.48	21.51	21.90	
		12	0	20.56	20.58	20.59	20.90	
	5MHz	64QAM	12	6	20.56	20.61	20.86	20.90



Bandwidth	Modulation	12	13	20.33	20.49	20.39	20.90
		25	0	20.37	20.45	20.74	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.16	22.75	22.80	23.90
		1	25	23.07	22.69	22.89	23.90
		1	49	23.05	22.80	22.75	23.90
		25	0	21.80	21.68	21.76	22.90
		25	13	21.88	21.60	21.66	22.90
		25	25	21.86	21.41	21.60	22.90
		50	0	21.95	21.52	21.76	22.90
	16QAM	1	0	22.30	21.79	22.18	22.90
		1	25	22.16	21.64	22.60	22.90
		1	49	21.93	21.79	21.81	22.90
		25	0	21.19	20.24	20.64	21.90
		25	13	21.01	20.51	20.84	21.90
		25	25	20.90	20.65	20.99	21.90
		50	0	20.80	20.83	20.87	21.90
	64QAM	1	0	21.51	21.59	21.78	21.90
		1	25	21.76	21.61	21.67	21.90
		1	49	21.28	21.38	21.46	21.90
		25	0	20.55	20.62	20.76	20.90
		25	13	20.50	20.53	20.78	20.90
		25	25	20.46	20.48	20.36	20.90
		50	0	20.44	20.43	20.76	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	23.2	22.79	22.74	23.90
		1	38	22.7	22.64	22.95	23.90
		1	74	23.04	22.79	22.5	23.90
		36	0	21.7	21.48	21.56	22.90
		36	18	22.02	21.57	21.87	22.90
		36	39	21.88	21.44	22.05	22.90
		75	0	21.65	21.54	21.87	22.90
	16QAM	1	0	22.25	21.78	22.35	22.90
		1	38	22.12	21.62	22.15	22.90
		1	74	22.2	21.77	21.94	22.90
		36	0	20.85	20.33	20.78	21.90
		36	18	21.17	20.71	20.62	21.90
		36	39	20.61	20.28	20.51	21.90
		75	0	21.09	20.44	20.92	21.90
	64QAM	1	0	21.44	21.50	21.83	21.90
		1	38	21.87	21.81	21.83	21.90
		1	74	21.37	21.50	21.41	21.90
		36	0	20.55	20.69	20.74	20.90
		36	18	20.49	20.49	20.75	20.90
		36	39	20.38	20.52	20.40	20.90
		75	0	20.32	20.54	20.79	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	22.58	22.71	22.64	23.90
		1	50	22.55	22.67	22.68	23.90
		1	99	22.13	22.31	22.39	23.90
		50	0	21.76	21.84	21.80	22.90
		50	25	21.72	21.72	21.82	22.90
		50	50	21.56	21.59	21.75	22.90
		100	0	21.57	21.62	21.82	22.90
	16QAM	1	0	21.88	22.02	21.98	22.90
		1	50	21.81	22.08	22.25	22.90
		1	99	21.54	21.78	21.80	22.90
		50	0	20.73	20.76	20.78	21.90
		50	25	20.70	20.71	20.89	21.90
		50	50	20.52	20.54	20.76	21.90
		100	0	20.54	20.58	20.76	21.90
	64QAM	1	0	21.5	21.52	21.77	21.90
		1	50	21.8	21.71	21.77	21.90
		1	99	21.37	21.4	21.47	21.90
		50	0	20.61	20.66	20.69	20.90
		50	25	20.58	20.55	20.76	20.90
		50	50	20.39	20.45	20.44	20.90
		100	0	20.36	20.5	20.72	20.90

LTE Band 2 DSI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.29	20.09	20.23	21.40
		1	2	20.13	20.50	20.32	21.40
		1	5	20.48	20.36	20.60	21.40
		3	0	20.42	20.44	20.63	21.40
		3	2	19.95	20.42	20.46	21.40
		3	3	20.06	20.19	20.19	21.40
	16QAM	6	0	20.25	19.94	20.22	21.40
		1	0	21.35	20.71	20.26	21.40
		1	2	20.85	20.73	21.16	21.40
		1	5	20.68	20.31	20.51	21.40
		3	0	20.14	20.33	20.28	21.40
		3	2	20.61	20.33	20.55	21.40
	64QAM	3	3	20.34	19.95	20.54	21.40
		6	0	19.68	20.04	20.22	21.40
		1	0	20.49	20.44	20.54	21.40
		1	2	20.26	20.30	20.30	21.40
		1	5	20.51	20.47	20.38	21.40
		3	0	20.18	20.17	20.16	20.90
		3	2	20.26	20.18	20.14	20.90
		3	3	20.09	20.16	20.15	20.90
6	0	19.73	19.70	19.64	20.90		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	18615	18900	19185	21.40
		1	7	20.25	20.20	20.37	21.40
		1	14	20.19	20.40	20.22	21.40
		1	14	20.41	20.51	20.35	21.40
		8	0	20.38	20.38	20.46	21.40
		8	4	20.13	20.42	20.23	21.40
	16QAM	8	7	20.12	19.96	20.18	21.40
		15	0	20.25	19.97	20.45	21.40
		1	0	21.24	20.46	20.42	21.40
		1	7	20.87	20.48	21.13	21.40
		1	14	20.78	20.46	20.45	21.40
		8	0	20.17	20.19	20.45	21.40
	64QAM	8	4	20.53	20.54	20.60	21.40
		8	7	20.21	20.02	20.32	21.40
		15	0	19.93	20.08	20.39	21.40
		1	0	20.22	20.32	20.36	21.40
		1	7	20.10	20.20	20.11	21.40
		1	14	20.34	20.18	20.22	21.40
		8	0	19.78	19.71	19.65	20.90
		8	4	19.64	19.76	19.48	20.90
8	7	19.75	19.86	19.93	20.90		
15	0	19.96	19.85	19.87	20.90		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	18625	18900	19175	21.40
		1	13	20.25	20.22	20.17	21.40
		1	24	20.11	20.34	20.49	21.40
		1	24	20.17	20.57	20.57	21.40
		12	0	20.41	20.05	20.14	21.40
		12	6	20.40	20.51	20.15	21.40
	16QAM	12	13	20.01	20.12	20.29	21.40
		25	0	20.61	20.01	20.23	21.40
		1	0	21.01	20.69	20.32	21.40
		1	13	20.58	20.85	20.87	21.40
		1	24	20.70	20.68	20.41	21.40
		12	0	20.03	20.43	20.10	21.40
	64QAM	12	6	20.41	20.05	20.71	21.40
		12	13	19.87	19.98	20.08	21.40
		25	0	20.40	20.03	20.19	21.40
		1	0	20.28	20.21	20.20	21.40
		1	13	20.13	20.10	20.02	21.40
		1	24	20.43	20.25	20.16	21.40
		12	0	19.67	19.87	19.64	20.90
		12	6	19.55	19.58	19.54	20.90
12	13	19.82	19.83	19.90	20.90		
25	0	19.90	19.92	19.89	20.90		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.45	20.43	20.44	21.40
		1	25	19.93	20.45	20.32	21.40
		1	49	20.08	20.57	20.55	21.40
		25	0	20.30	19.93	20.54	21.40
		25	13	20.22	20.43	20.12	21.40
		25	25	20.06	20.37	20.60	21.40
	16QAM	50	0	20.24	20.32	20.26	21.40
		1	0	20.84	20.23	20.77	21.40
		1	25	20.97	20.79	21.18	21.40
		1	49	20.60	20.57	20.47	21.40
		25	0	20.07	20.32	20.50	21.40
		25	13	20.43	20.45	20.32	21.40
	64QAM	25	25	20.20	19.97	20.23	21.40
		50	0	20.02	20.23	20.35	21.40
		1	0	20.19	20.19	20.39	21.40
		1	25	20.12	20.24	20.18	21.40
		1	49	20.39	20.20	20.08	21.40
		25	0	19.83	19.76	19.61	20.90
15MHz	QPSK	25	13	19.71	19.67	19.64	20.90
		25	25	19.71	19.86	19.93	20.90
		50	0	19.92	19.80	19.87	20.90
		1	0	20.22	20.42	20.42	21.40
		1	38	20.12	20.35	20.34	21.40
		1	74	20.18	20.49	20.32	21.40
	16QAM	36	0	20.25	20.15	20.37	21.40
		36	18	20.21	20.26	20.37	21.40
		36	39	20.1	20.16	20.38	21.40
		75	0	20.38	20.21	20.29	21.40
		1	0	21	20.46	20.57	21.40
		1	38	20.77	20.63	20.94	21.40
	64QAM	1	74	20.58	20.59	20.59	21.40
		36	0	20.28	20.24	20.26	21.40
		36	18	20.28	20.3	20.54	21.40
		36	39	20.08	20.08	20.29	21.40
		75	0	20.18	20.24	20.42	21.40
		1	0	20.08	20.27	20.24	21.40
20MHz	QPSK	1	38	20.16	20.23	20.17	21.40
		1	74	20.45	20.24	20.17	21.40
		36	0	19.84	19.83	19.69	20.90
		36	18	19.58	19.71	19.68	20.90
		36	39	19.84	19.81	19.83	20.90
		75	0	19.95	19.72	19.93	20.90
	16QAM	1	0	20.17	20.19	20.14	21.40
		1	50	20.07	20.15	20.18	21.40
		1	99	19.70	19.86	19.93	21.40
		50	0	20.22	20.33	20.27	21.40
		50	25	20.21	20.29	20.32	21.40
		50	50	20.07	20.13	20.26	21.40
	64QAM	100	0	20.07	20.15	20.32	21.40
		1	0	20.56	20.47	20.54	21.40
		1	50	20.53	20.56	20.81	21.40
		1	99	20.14	20.23	20.38	21.40
		50	0	20.18	20.25	20.33	21.40
		50	25	20.21	20.28	20.41	21.40
20MHz	16QAM	50	50	20.04	20.13	20.27	21.40
		100	0	20.10	20.17	20.32	21.40
		1	0	20.18	20.23	20.30	21.40
		1	50	20.11	20.14	20.08	21.40
		1	99	20.35	20.25	20.16	21.40
		50	0	19.74	19.77	19.70	20.90
	64QAM	50	25	19.62	19.67	19.58	20.90
		50	50	19.76	19.79	19.89	20.90
		100	0	19.86	19.82	19.91	20.90
		100	0	19.86	19.82	19.91	20.90

LTE Band 2 DSI 5/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	19.07	18.89	19.34	20.40	
		1	2	19.24	19.44	19.34	20.40	
		1	5	18.50	18.85	18.66	20.40	
		3	0	19.13	18.89	19.57	20.40	
		3	2	18.90	19.10	19.56	20.40	
		3	3	19.01	19.10	19.18	20.40	
	16QAM	1	0	19.54	19.15	19.89	20.40	
		1	2	19.33	19.45	20.21	20.40	
		1	5	19.22	19.31	19.24	20.40	
		3	0	19.13	19.11	19.44	20.40	
		3	2	19.27	19.17	19.49	20.40	
		3	3	18.73	18.88	18.95	20.40	
	64QAM	6	0	19.45	18.86	19.38	20.40	
		1	0	19.46	19.44	19.47	20.40	
		1	2	19.63	19.39	19.82	20.40	
		1	5	19.14	19.23	19.21	20.40	
		3	0	19.07	19.17	19.18	20.40	
		3	2	19.27	19.21	19.33	20.40	
	3MHz	QPSK	3	3	18.95	19.05	19.28	20.40
			6	0	19.18	19.05	19.34	20.40
16QAM	1		0	19.20	18.91	19.10	20.40	
	1		7	19.08	19.24	19.20	20.40	
64QAM	1		14	18.41	18.86	18.90	20.40	
	8		0	19.07	19.13	19.45	20.40	
	8	4	19.11	19.16	19.48	20.40		
	8	7	18.88	18.99	18.99	20.40		
	15	0	19.00	18.86	19.53	20.40		
	1	0	19.47	19.35	19.71	20.40		
5MHz	16QAM	1	7	19.49	19.52	20.06	20.40	
		1	14	19.05	19.30	19.37	20.40	
8		0	19.24	19.34	19.45	20.40		
8		4	19.07	19.40	19.65	20.40		
8		7	18.81	18.90	19.07	20.40		
15		0	19.37	18.97	19.49	20.40		
10MHz	64QAM	1	0	19.44	19.36	19.44	20.40	
		1	7	19.56	19.40	19.84	20.40	
1		14	19.11	19.21	19.37	20.40		
8		0	19.10	19.11	19.22	20.40		
8		4	19.16	19.24	19.35	20.40		
8		7	19.00	19.07	19.28	20.40		
15MHz	QPSK	15	0	19.04	19.10	19.33	20.40	
		1	0	19.08	18.81	18.80	20.40	
1		13	19.13	19.25	19.18	20.40		
1		24	18.83	18.88	18.67	20.40		
12		0	19.01	19.15	19.30	20.40		
12		6	19.22	19.20	19.21	20.40		
20MHz	16QAM	12	13	18.88	19.12	18.91	20.40	
		25	0	19.19	19.25	19.44	20.40	
1		0	19.64	19.28	19.39	20.40		
1		13	19.72	19.52	19.65	20.40		
1		24	19.10	19.37	19.09	20.40		
12		0	19.08	19.18	19.12	20.40		
30MHz	64QAM	12	6	19.45	19.19	19.38	20.40	
		12	13	18.86	18.88	19.10	20.40	
25		0	19.30	19.06	19.38	20.40		
1		0	19.60	19.45	19.48	20.40		
1		13	19.47	19.46	19.82	20.40		
1		24	19.06	19.07	19.36	20.40		
40MHz	QPSK	12	0	19.06	19.05	19.18	20.40	
		12	6	19.26	19.19	19.46	20.40	
12		13	19.04	19.16	19.25	20.40		
25		0	19.19	19.11	19.29	20.40		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.93	19.21	19.18	20.40
		1	25	18.90	18.88	19.21	20.40
		1	49	18.42	19.10	18.65	20.40
		25	0	19.22	19.17	19.13	20.40
		25	13	18.95	19.27	19.35	20.40
		25	25	19.19	19.01	19.11	20.40
	16QAM	50	0	19.02	18.85	19.17	20.40
		1	0	19.44	19.14	19.62	20.40
		1	25	19.77	19.29	19.67	20.40
		1	49	19.06	19.02	19.05	20.40
		25	0	19.13	19.08	19.11	20.40
		25	13	19.43	19.10	19.48	20.40
	64QAM	25	25	19.11	19.04	19.25	20.40
		50	0	19.14	18.87	19.33	20.40
		1	0	19.48	19.35	19.52	20.40
		1	25	19.55	19.45	19.92	20.40
		1	49	19.07	19.09	19.19	20.40
		25	0	19.07	19.04	19.25	20.40
15MHz	QPSK	25	13	19.22	19.31	19.40	20.40
		25	25	19.06	19.03	19.29	20.40
		50	0	19.14	19.08	19.43	20.40
		1	0	19.13	18.84	19.09	20.40
		1	38	19.14	18.88	19.03	20.40
		1	74	18.45	18.99	19.04	20.40
	16QAM	36	0	19.19	19.18	19.38	20.40
		36	18	19.28	19.27	19.58	20.40
		36	39	19.10	19.16	19.26	20.40
		75	0	18.97	19.04	19.53	20.40
		1	0	19.69	19.51	19.30	20.40
		1	38	19.79	19.31	19.74	20.40
	64QAM	1	74	19.25	19.34	19.04	20.40
		36	0	19.01	19.26	19.33	20.40
		36	18	19.15	19.15	19.56	20.40
		36	39	18.95	19.31	19.21	20.40
		75	0	19.10	18.97	19.24	20.40
		1	0	19.51	19.41	19.52	20.40
20MHz	QPSK	1	38	19.46	19.39	19.76	20.40
		1	74	19.17	19.19	19.21	20.40
		36	0	19.18	19.22	19.27	20.40
		36	18	19.32	19.12	19.33	20.40
		36	39	18.95	19.11	19.22	20.40
		75	0	19.24	19.07	19.38	20.40
	16QAM	1	0	19.10	19.13	19.03	20.40
		1	50	18.96	19.07	19.11	20.40
		1	99	18.62	18.87	18.84	20.40
		50	0	19.20	19.26	19.17	20.40
		50	25	19.11	19.23	19.24	20.40
		50	50	19.06	19.01	19.14	20.40
	64QAM	100	0	19.06	19.04	19.28	20.40
		1	0	19.51	19.38	19.48	20.40
		1	50	19.54	19.45	19.85	20.40
		1	99	19.15	19.15	19.28	20.40
		50	0	19.13	19.14	19.27	20.40
		50	25	19.22	19.22	19.43	20.40
20MHz	16QAM	50	50	18.99	19.12	19.29	20.40
		100	0	19.14	19.08	19.33	20.40
		1	0	19.55	19.41	19.38	20.40
		1	50	19.56	19.38	19.85	20.40
		1	99	19.11	19.05	19.26	20.40
		50	0	19.05	19.15	19.21	20.40
	64QAM	50	25	19.32	19.18	19.45	20.40
		50	50	18.97	19.09	19.27	20.40
		100	0	19.11	19.15	19.38	20.40
		100	0	19.11	19.15	19.38	20.40

LTE Band 4 DSI 2/3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	22.98	23.22	23.07	24.60	
		1	2	23.01	23.26	23.04	24.60	
		1	5	23.04	23.31	22.99	24.60	
		3	0	23.11	23.14	23.25	24.60	
		3	2	23.03	23.25	23.03	24.60	
		3	3	23.14	23.22	23.25	24.60	
	16QAM	6	0	22.04	22.24	22.1	23.60	
		1	0	22.11	22.5	22.44	23.60	
		1	2	22.52	22.79	22.51	23.60	
		1	5	21.94	22.88	22.01	23.60	
		3	0	22.1	22.42	22.16	23.60	
		3	2	21.94	22.33	22.2	23.60	
	64QAM	3	3	22.21	22.17	22.14	23.60	
		6	0	21.1	21.55	21.24	22.60	
		1	0	21.02	21.05	21.14	22.60	
		1	2	20.97	21.07	21.07	22.60	
		1	5	21.09	21.10	21.03	22.60	
		3	0	21.00	21.09	21.01	22.60	
	3MHz	QPSK	3	2	20.98	21.08	21.17	22.60
			3	3	21.19	21.11	21.09	22.60
			6	0	20.23	20.17	20.16	21.60
			1	0	23.15	23.55	22.97	24.60
			1	7	22.90	23.69	22.83	24.60
			1	14	23.08	23.20	22.98	24.60
16QAM		8	0	21.86	22.31	21.75	23.60	
		8	4	22.14	22.44	22.19	23.60	
		8	7	21.99	22.38	22.20	23.60	
		15	0	21.97	22.39	22.25	23.60	
		1	0	22.07	22.42	22.36	23.60	
		1	7	21.87	22.60	22.72	23.60	
64QAM	1	14	22.30	22.57	21.97	23.60		
	8	0	21.12	21.39	21.11	22.60		
	8	4	21.00	21.46	21.26	22.60		
	8	7	21.06	21.27	21.11	22.60		
	15	0	20.96	21.34	21.28	22.60		
	1	0	21.36	21.31	21.33	22.60		
5MHz	QPSK	1	7	21.38	21.86	21.56	22.60	
		1	14	20.87	22.14	20.56	22.60	
		8	0	20.49	20.49	20.42	21.60	
		8	4	20.46	20.67	20.32	21.60	
		8	7	20.38	20.63	20.51	21.60	
		15	0	20.62	20.80	20.59	21.60	
	16QAM	1	0	23.2	23.53	23.02	24.60	
		1	13	22.88	23.74	22.85	24.60	
		1	24	23.13	23.19	22.93	24.60	
		12	0	21.89	22.26	21.79	23.60	
		12	6	22.14	22.45	22.21	23.60	
		12	13	21.98	22.38	22.17	23.60	
25		0	21.94	22.37	22.23	23.60		
1		0	22.07	22.46	22.34	23.60		
1		13	21.92	22.61	22.69	23.60		
1		24	22.32	22.59	21.99	23.60		
12		0	21.09	21.41	21.14	22.60		
12		6	21.02	21.49	21.31	22.60		
12		13	21.03	21.26	21.15	22.60		
25		0	20.96	21.39	21.3	22.60		
64QAM		1	0	21.24	21.30	21.35	22.60	
		1	13	21.44	21.93	21.48	22.60	
		1	24	21.02	22.11	20.69	22.60	
		12	0	20.51	20.51	20.46	21.60	
	12	6	20.43	20.64	20.46	21.60		
	12	13	20.43	20.57	20.38	21.60		
64QAM	25	0	20.66	20.67	20.47	21.60		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.16	23.58	23.02	24.60
		1	25	22.87	23.71	22.81	24.60
		1	49	23.11	23.21	22.93	24.60
		25	0	21.94	22.25	21.78	23.60
		25	13	22.17	22.49	22.16	23.60
		25	25	22.01	22.41	22.20	23.60
	16QAM	50	0	21.91	22.38	22.20	23.60
		1	0	22.07	22.48	22.31	23.60
		1	25	21.91	22.61	22.73	23.60
		1	49	22.36	22.64	21.97	23.60
		25	0	21.09	21.41	21.19	22.60
		25	13	20.97	21.46	21.26	22.60
	64QAM	25	25	20.98	21.29	21.12	22.60
		50	0	20.93	21.38	21.30	22.60
		1	0	21.29	21.20	21.49	22.60
		1	25	21.45	21.99	21.51	22.60
		1	49	21.06	22.20	20.51	22.60
		25	0	20.57	20.55	20.55	21.60
15MHz	QPSK	25	13	20.52	20.52	20.40	21.60
		25	25	20.44	20.70	20.53	21.60
		50	0	20.60	20.72	20.47	21.60
		1	0	23.21	23.55	22.97	24.60
		1	38	22.91	23.73	22.86	24.60
		1	74	23.10	23.15	22.96	24.60
	16QAM	36	0	21.90	22.27	21.79	23.60
		36	18	22.19	22.43	22.22	23.60
		36	39	22.01	22.34	22.14	23.60
		75	0	21.95	22.34	22.24	23.60
		1	0	22.03	22.41	22.34	23.60
		1	38	21.87	22.66	22.70	23.60
	64QAM	1	74	22.34	22.61	21.95	23.60
		36	0	21.08	21.44	21.15	22.60
		36	18	21.05	21.46	21.26	22.60
		36	39	21.03	21.23	21.12	22.60
		75	0	20.93	21.41	21.35	22.60
		1	0	21.42	21.27	21.38	22.60
20MHz	QPSK	1	38	21.28	21.80	21.62	22.60
		1	74	20.98	22.11	20.59	22.60
		36	0	20.67	20.64	20.55	21.60
		36	18	20.55	20.53	20.38	21.60
		36	39	20.40	20.65	20.38	21.60
		75	0	20.51	20.79	20.50	21.60
	16QAM	1	0	23.22	23.45	23.42	24.60
		1	50	23.39	23.48	23.50	24.60
		1	99	23.43	23.42	23.27	24.60
		50	0	22.42	22.48	22.53	23.60
		50	25	22.38	22.49	22.50	23.60
		50	50	22.51	22.50	22.46	23.60
	64QAM	100	0	22.44	22.52	22.44	23.60
		1	0	22.35	22.61	22.57	23.60
		1	50	22.54	22.74	22.54	23.60
		1	99	22.52	22.68	22.44	23.60
		50	0	21.38	21.55	21.47	22.60
		50	25	21.42	21.61	21.48	22.60
20MHz	16QAM	50	50	21.54	21.58	21.46	22.60
		100	0	21.41	21.68	21.42	22.60
		1	0	21.32	21.29	21.4	22.60
		1	50	21.36	21.9	21.52	22.60
		1	99	20.97	22.15	20.59	22.60
		50	0	20.57	20.56	20.5	21.60
	64QAM	50	25	20.51	20.61	20.41	21.60
		50	50	20.44	20.67	20.45	21.60
		100	0	20.59	20.71	20.49	21.60
		100	0	20.59	20.71	20.49	21.60

LTE Band 4 DSI 4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	20.57	20.75	20.75	21.60	
		1	2	19.93	20.32	20.52	21.60	
		1	5	20.73	20.86	20.31	21.60	
		3	0	20.09	20.06	20.78	21.60	
		3	2	20.28	20.55	20.38	21.60	
		3	3	20.43	20.89	20.12	21.60	
	16QAM	6	0	20.54	20.32	20.60	21.60	
		1	0	20.53	21.01	20.35	21.60	
		1	2	20.20	20.68	21.15	21.60	
		1	5	20.18	20.87	20.17	21.60	
		3	0	19.97	20.29	20.43	21.60	
		3	2	19.84	20.69	20.43	21.60	
	64QAM	3	3	20.36	20.66	20.15	21.60	
		6	0	20.14	20.55	20.62	21.60	
		1	0	20.41	20.33	20.30	21.60	
		1	2	20.20	20.25	20.27	21.60	
		1	5	20.11	20.18	20.10	21.60	
		3	0	20.03	20.11	20.02	21.60	
	3MHz	QPSK	3	2	20.17	20.21	20.30	21.60
			3	3	19.98	20.08	20.09	21.60
			6	0	20.29	20.19	20.27	21.60
Channel			Channel	Channel	Tune up			
19965			20175	20385				
QPSK			1	0	20.33	20.68	20.64	21.60
		1	7	20.06	20.19	20.50	21.60	
		1	14	20.56	20.76	20.24	21.60	
		8	0	20.16	20.19	20.72	21.60	
		8	4	20.33	20.46	20.42	21.60	
		8	7	20.19	20.73	20.13	21.60	
		15	0	20.57	20.35	20.62	21.60	
		16QAM	1	0	20.66	21.09	20.55	21.60
			1	7	20.18	20.73	21.02	21.60
			1	14	20.35	20.97	20.37	21.60
			8	0	20.04	20.29	20.47	21.60
			8	4	20.03	20.76	20.35	21.60
			8	7	20.53	20.53	20.09	21.60
		64QAM	15	0	20.11	20.39	20.64	21.60
			1	0	20.59	20.65	20.93	21.60
1			7	20.82	20.75	20.90	21.60	
1	14		20.70	20.80	20.70	21.60		
8	0		20.51	20.52	20.48	21.60		
8	4		20.42	20.65	20.48	21.60		
5MHz	QPSK	8	7	20.57	20.42	20.44	21.60	
		15	0	20.46	20.54	20.46	21.60	
		Channel	Channel	Channel	Tune up			
		19975	20175	20375				
		QPSK	1	0	20.21	20.39	20.82	21.60
			1	13	20.29	20.69	20.48	21.60
	1		24	20.57	20.86	20.12	21.60	
	12		0	20.50	20.65	20.65	21.60	
	12		6	20.16	20.38	20.55	21.60	
	12		13	20.32	20.52	20.26	21.60	
	25		0	20.52	20.59	20.22	21.60	
	16QAM		1	0	20.60	20.68	20.45	21.60
			1	13	20.62	20.41	21.01	21.60
			1	24	20.78	20.95	20.17	21.60
		12	0	20.31	20.21	20.31	21.60	
		12	6	20.32	20.49	20.28	21.60	
		12	13	20.11	20.30	20.43	21.60	
	64QAM	25	0	20.09	20.79	20.63	21.60	
		1	0	20.55	20.64	20.77	21.60	
		1	13	20.67	20.72	20.88	21.60	
		1	24	20.73	20.70	20.65	21.60	
12		0	20.36	20.61	20.42	21.60		
12		6	20.49	20.65	20.57	21.60		
64QAM	12	13	20.47	20.61	20.55	21.60		
	25	0	20.45	20.50	20.47	21.60		



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.29	20.69	20.66	21.60
		1	25	20.32	20.45	20.09	21.60
		1	49	20.56	20.48	20.30	21.60
		25	0	20.11	20.25	20.55	21.60
		25	13	20.32	20.36	20.37	21.60
		25	25	20.32	20.41	20.39	21.60
	16QAM	50	0	20.54	20.69	20.42	21.60
		1	0	20.63	20.66	20.86	21.60
		1	25	20.22	20.65	20.93	21.60
		1	49	20.41	21.12	20.45	21.60
		25	0	20.14	20.49	20.43	21.60
		25	13	20.16	20.76	20.56	21.60
	64QAM	25	25	20.45	20.70	20.41	21.60
		50	0	20.16	20.36	20.29	21.60
		1	0	20.52	20.73	20.75	21.60
		1	25	20.67	20.85	20.92	21.60
		1	49	20.68	20.69	20.74	21.60
		25	0	20.48	20.61	20.53	21.60
15MHz	QPSK	25	13	20.47	20.64	20.60	21.60
		25	25	20.45	20.70	20.41	21.60
		50	0	20.16	20.36	20.29	21.60
		1	0	20.52	20.73	20.75	21.60
		1	25	20.67	20.85	20.92	21.60
		1	49	20.68	20.69	20.74	21.60
	16QAM	25	0	20.48	20.61	20.53	21.60
		25	13	20.47	20.64	20.60	21.60
		25	25	20.45	20.48	20.45	21.60
		50	0	20.42	20.63	20.37	21.60
		1	0	20.39	20.58	20.57	21.60
		1	38	20.26	20.44	20.3	21.60
	64QAM	1	74	20.36	20.68	20.13	21.60
		36	0	20.27	20.44	20.48	21.60
		36	18	20.34	20.51	20.43	21.60
		36	39	20.38	20.56	20.26	21.60
		75	0	20.32	20.44	20.47	21.60
		1	0	20.55	21.2	20.7	21.60
16QAM	1	38	20.38	20.56	20.81	21.60	
	1	74	20.53	21.12	20.38	21.60	
	36	0	20.24	20.4	20.34	21.60	
	36	18	20.25	20.52	20.34	21.60	
	36	39	20.34	20.51	20.3	21.60	
	75	0	20.34	20.54	20.4	21.60	
64QAM	1	0	20.49	20.64	20.75	21.60	
	1	38	20.64	20.71	20.97	21.60	
	1	74	20.85	20.69	20.58	21.60	
	36	0	20.54	20.46	20.46	21.60	
	36	18	20.52	20.51	20.54	21.60	
	36	39	20.57	20.54	20.53	21.60	
20MHz	QPSK	75	0	20.49	20.62	20.34	21.60
		1	0	20.19	20.33	20.46	21.60
		1	50	20.33	20.46	20.40	21.60
		1	99	20.43	20.39	20.24	21.60
		50	0	20.42	20.50	20.56	21.60
		50	25	20.43	20.53	20.51	21.60
	16QAM	50	50	20.51	20.52	20.44	21.60
		100	0	20.47	20.57	20.45	21.60
		1	0	20.51	20.69	20.83	21.60
		1	50	20.74	20.75	20.89	21.60
		1	99	20.77	20.74	20.66	21.60
		50	0	20.45	20.52	20.51	21.60
	64QAM	50	25	20.47	20.61	20.51	21.60
		50	50	20.55	20.52	20.47	21.60
		100	0	20.43	20.57	20.41	21.60
		1	0	20.56	20.74	20.90	21.60
		1	50	20.77	20.74	20.83	21.60
		1	99	20.71	20.72	20.61	21.60
20MHz	64QAM	50	0	20.46	20.52	20.61	21.60
		50	25	20.50	20.61	20.41	21.60
		50	50	20.55	20.54	20.49	21.60
	64QAM	100	0	20.35	20.59	20.31	21.60

LTE Band 4 DSI 5/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.27	19.37	19.43	20.60
		1	2	19.15	19.28	19.33	20.60
		1	5	19.38	19.38	19.32	20.60
		3	0	19.66	19.80	19.57	20.60
		3	2	19.20	19.55	19.43	20.60
		3	3	19.83	19.88	19.46	20.60
	16QAM	6	0	19.60	19.76	19.34	20.60
		1	0	19.71	19.65	19.86	20.60
		1	2	19.67	20.12	20.17	20.60
		1	5	20.02	19.95	19.70	20.60
		3	0	19.46	19.50	19.19	20.60
		3	2	19.60	19.67	19.80	20.60
	64QAM	3	3	19.58	19.27	19.22	20.60
		6	0	19.50	19.71	19.45	20.60
		1	0	19.36	19.26	19.28	20.60
		1	2	19.22	19.20	19.35	20.60
		1	5	19.14	19.22	19.04	20.60
		3	0	19.01	19.04	18.98	20.60
		3	2	19.15	19.18	19.25	20.60
		3	3	19.01	18.98	19.01	20.60
6	0	19.23	19.24	19.27	20.60		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	19.05	19.61	19.29	20.60
		1	7	19.14	19.32	19.43	20.60
		1	14	19.30	19.43	19.30	20.60
		8	0	19.62	19.75	19.39	20.60
		8	4	19.22	19.61	19.37	20.60
		8	7	19.76	19.75	19.63	20.60
	16QAM	15	0	19.37	19.70	19.49	20.60
		1	0	19.47	19.58	20.07	20.60
		1	7	19.78	19.97	20.16	20.60
		1	14	20.03	19.94	19.93	20.60
		8	0	19.54	19.25	19.28	20.60
		8	4	19.48	19.73	19.75	20.60
	64QAM	8	7	19.44	19.26	19.32	20.60
		15	0	19.34	19.85	19.59	20.60
		1	0	19.40	19.64	20.02	20.60
		1	7	19.81	19.93	20.09	20.60
		1	14	20.01	20.01	19.90	20.60
		8	0	19.57	19.22	19.32	20.60
		8	4	19.42	19.68	19.79	20.60
		8	7	19.48	19.19	19.40	20.60
15	0	19.37	19.87	19.57	20.60		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.01	19.31	19.63	20.60
		1	13	19.18	19.40	19.34	20.60
		1	24	19.65	19.70	19.48	20.60
		12	0	19.44	19.75	19.47	20.60
		12	6	19.70	19.71	19.73	20.60
		12	13	19.60	19.41	19.52	20.60
	16QAM	25	0	19.46	19.33	19.52	20.60
		1	0	19.78	19.91	19.95	20.60
		1	13	20.02	20.19	19.71	20.60
		1	24	19.97	20.15	20.05	20.60
		12	0	19.46	19.46	19.41	20.60
		12	6	19.26	19.50	19.49	20.60
	64QAM	12	13	19.50	19.71	19.30	20.60
		25	0	19.20	19.78	19.48	20.60
		1	0	19.37	19.57	20.11	20.60
		1	13	19.70	19.96	20.16	20.60
		1	24	19.98	19.91	19.95	20.60
		12	0	19.45	19.32	19.26	20.60
		12	6	19.56	19.63	19.73	20.60
		12	13	19.36	19.34	19.25	20.60
25	0	19.27	19.90	19.51	20.60		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.11	19.20	19.55	20.60
		1	25	19.24	19.65	19.65	20.60
		1	49	19.28	19.28	19.18	20.60
		25	0	19.45	19.59	19.52	20.60
		25	13	19.26	19.41	19.33	20.60
		25	25	19.57	19.66	19.41	20.60
	16QAM	50	0	19.44	19.76	19.34	20.60
		1	0	19.51	19.62	19.76	20.60
		1	25	19.99	20.14	19.94	20.60
		1	49	19.99	19.75	20.06	20.60
		25	0	19.63	19.53	19.32	20.60
		25	13	19.34	19.73	19.79	20.60
	64QAM	25	25	19.44	19.72	19.47	20.60
		50	0	19.64	19.75	19.22	20.60
		1	0	19.40	19.53	20.16	20.60
		1	25	19.69	20.03	20.14	20.60
		1	49	20.00	19.93	19.92	20.60
		25	0	19.47	19.18	19.31	20.60
15MHz	QPSK	25	13	19.53	19.83	19.73	20.60
		25	25	19.48	19.18	19.27	20.60
		50	0	19.37	19.76	19.61	20.60
		1	0	19.42	19.28	19.70	20.60
		1	38	19.15	19.28	19.44	20.60
		1	74	19.67	19.38	19.22	20.60
	16QAM	36	0	19.36	19.33	19.76	20.60
		36	18	19.55	19.48	19.59	20.60
		36	39	19.70	19.80	19.60	20.60
		75	0	19.39	19.79	19.54	20.60
		1	0	19.49	19.67	19.96	20.60
		1	38	19.82	20.18	20.17	20.60
	64QAM	1	74	19.72	19.80	19.86	20.60
		36	0	19.56	19.59	19.40	20.60
		36	18	19.31	19.76	19.52	20.60
		36	39	19.61	19.44	19.44	20.60
		75	0	19.59	19.67	19.46	20.60
		1	0	19.40	19.54	20.07	20.60
20MHz	QPSK	1	38	19.70	19.90	20.15	20.60
		1	74	20.02	19.98	19.97	20.60
		36	0	19.53	19.16	19.28	20.60
		36	18	19.54	19.63	19.83	20.60
		36	39	19.49	19.35	19.33	20.60
		75	0	19.26	19.95	19.67	20.60
	16QAM	1	0	19.22	19.39	19.52	20.60
		1	50	19.36	19.47	19.42	20.60
		1	99	19.50	19.49	19.32	20.60
		50	0	19.47	19.52	19.59	20.60
		50	25	19.46	19.57	19.56	20.60
		50	50	19.56	19.56	19.49	20.60
	64QAM	100	0	19.52	19.57	19.50	20.60
		1	0	19.65	19.74	19.91	20.60
		1	50	19.86	20.03	19.93	20.60
		1	99	19.90	19.93	19.81	20.60
		50	0	19.46	19.49	19.49	20.60
		50	25	19.50	19.58	19.58	20.60
20MHz	16QAM	50	50	19.57	19.50	19.50	20.60
		100	0	19.45	19.62	19.45	20.60
		1	0	19.56	19.50	20.06	20.60
		1	50	19.74	20.04	20.12	20.60
		1	99	20.02	19.92	19.86	20.60
		50	0	19.55	19.18	19.37	20.60
	64QAM	50	25	19.57	19.65	19.84	20.60
		50	50	19.47	19.31	19.39	20.60
		100	0	19.42	19.88	19.61	20.60
		100	0	19.42	19.88	19.61	20.60

LTE Band 5 DSI 2/3/4/5/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	23.81	23.59	23.08	24.90	
		1	2	23.2	23.55	23.11	24.90	
		1	5	23.2	23.65	23.07	24.90	
		3	0	23.27	23.48	23.27	24.90	
		3	2	23.33	23.57	23.48	24.90	
		3	3	23.68	23.53	23.41	24.90	
	16QAM	6	0	22.58	22.19	22.13	23.90	
		1	0	22.38	22.94	22.83	23.90	
		1	2	23.01	22.53	22.5	23.90	
		1	5	22.99	22.93	22.6	23.90	
		3	0	22.71	22.63	22.32	23.90	
		3	2	22.41	22.64	22.14	23.90	
	64QAM	3	3	22.37	22.25	22.14	23.90	
		6	0	21.64	21.43	21.56	22.90	
		1	0	21.49	21.48	21.41	22.90	
		1	2	21.54	21.53	21.43	22.90	
		1	5	21.53	21.56	21.51	22.90	
		3	0	21.42	21.34	21.26	22.90	
	3MHz	QPSK	3	2	21.72	21.80	21.80	22.90
			3	3	21.55	21.46	21.41	22.90
			6	0	20.58	20.53	20.54	21.90
Channel			Channel	Channel	Tune up			
20415			20525	20635				
1.4MHz			QPSK	1	0	23.70	23.68	23.50
		1		7	24.15	23.94	23.93	24.90
		1		14	23.80	23.51	23.90	24.90
		8		0	22.76	22.39	22.70	23.90
		8		4	22.61	22.27	22.67	23.90
		8		7	22.63	22.50	22.35	23.90
		16QAM	15	0	22.28	22.43	22.52	23.90
			1	0	23.10	22.73	23.22	23.90
			1	7	22.37	22.99	22.54	23.90
			1	14	22.57	22.52	22.43	23.90
			8	0	21.93	21.25	21.59	22.90
			8	4	22.02	21.56	21.76	22.90
		64QAM	8	7	21.53	21.38	21.49	22.90
			15	0	21.79	21.37	20.94	22.90
			1	0	21.85	21.76	21.93	22.90
			1	7	21.71	21.64	21.74	22.90
	1		14	21.57	21.56	21.58	22.90	
	8		0	20.61	20.59	20.57	21.90	
5MHz	QPSK	8	4	20.79	20.74	20.68	21.90	
		8	7	20.69	20.69	20.85	21.90	
		15	0	20.60	20.59	20.64	21.90	
		Channel	Channel	Channel	Tune up			
		20425	20525	20625				
		1.4MHz	QPSK	1	0	23.62	23.46	23.47
	1			13	24.12	23.82	23.96	24.90
	1			24	23.66	23.46	23.89	24.90
	12			0	22.61	22.41	22.51	23.90
	12			6	22.85	22.35	22.59	23.90
	12			13	22.71	22.45	22.26	23.90
	16QAM		25	0	22.36	22.43	22.51	23.90
			1	0	23	22.97	23.12	23.90
			1	13	22.49	22.9	22.7	23.90
			1	24	22.78	22.55	22.47	23.90
			12	0	21.76	21.45	21.41	22.90
			12	6	21.82	21.4	21.57	22.90
	5MHz	QPSK	12	13	21.77	21.49	21.5	22.90
25			0	21.77	21.48	21.19	22.90	
25			0	21.77	21.48	21.19	22.90	

		1	0	21.98	21.81	21.93	22.90
		1	13	21.79	21.83	21.66	22.90
		1	24	21.61	21.71	21.66	22.90
	64QAM	12	0	20.69	20.55	20.62	21.90
		12	6	20.76	20.72	20.76	21.90
		12	13	20.79	20.68	20.70	21.90
		25	0	20.60	20.53	20.59	21.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	24.06	24.05	23.56	24.90
		1	25	23.64	23.74	23.47	24.90
		1	49	23.96	23.92	23.73	24.90
		25	0	22.71	22.54	22.55	23.90
		25	13	22.69	22.57	22.54	23.90
		25	25	22.70	22.60	22.53	23.90
		50	0	22.74	22.53	22.60	23.90
	16QAM	1	0	23.23	23.01	22.84	23.90
		1	25	22.99	22.75	22.71	23.90
		1	49	23.20	23.08	22.86	23.90
		25	0	21.68	21.59	21.57	22.90
		25	13	21.65	21.56	21.61	22.90
		25	25	21.69	21.55	21.65	22.90
		50	0	21.72	21.55	21.57	22.90
	64QAM	1	0	21.93	21.83	21.90	22.90
		1	25	21.70	21.73	21.65	22.90
		1	49	21.64	21.65	21.57	22.90
		25	0	20.62	20.60	20.60	21.90
		25	13	20.70	20.66	20.73	21.90
		25	25	20.77	20.70	20.75	21.90
		50	0	20.65	20.61	20.56	21.90

LTE Band 7 DSI 2/3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	23.58	23.48	23.54	24.50	
		1	13	23.65	23.39	23.62	24.50	
		1	24	23.61	23.54	23.58	24.50	
		12	0	22.76	22.44	22.65	23.50	
		12	6	22.40	22.61	22.63	23.50	
		12	13	22.31	22.74	22.48	23.50	
	16QAM	25	0	22.49	22.47	22.46	23.50	
		1	0	22.92	22.65	22.38	23.50	
		1	13	23.11	22.49	22.70	23.50	
		1	24	22.43	22.71	22.81	23.50	
		12	0	21.42	21.16	21.61	22.50	
		12	6	21.54	21.26	21.73	22.50	
	64QAM	12	13	21.37	21.27	21.78	22.50	
		25	0	21.65	21.24	21.45	22.50	
		1	0	22.29	22.46	22.48	22.50	
		1	13	22.02	22.05	22.06	22.50	
		1	24	21.62	21.43	22.18	22.50	
		12	0	21.45	21.34	21.42	21.50	
	10MHz	QPSK	12	6	21.27	21.41	21.30	21.50
			12	13	21.17	21.43	21.26	21.50
			25	0	20.56	21.27	21.22	21.50
1			0	23.34	23.31	23.17	24.50	
1			25	23.63	23.82	23.68	24.50	
1			49	23.46	23.35	23.72	24.50	
16QAM		25	0	22.35	22.33	22.57	23.50	
		25	13	22.41	22.43	22.87	23.50	
		25	25	22.54	22.58	22.47	23.50	
		50	0	22.77	22.53	22.83	23.50	
		1	0	22.73	22.73	22.60	23.50	
		1	25	23.07	22.33	23.10	23.50	
64QAM	1	49	22.46	22.76	22.81	23.50		
	25	0	21.48	21.25	21.51	22.50		
	25	13	21.83	21.25	21.65	22.50		
	25	25	21.51	21.27	21.74	22.50		
	50	0	21.48	21.27	21.75	22.50		
	1	0	22.15	22.49	22.48	22.50		
15MHz	QPSK	1	25	22.17	22.21	22.21	22.50	
		1	49	21.64	21.49	22.11	22.50	
		25	0	21.40	21.41	21.28	21.50	
		25	13	21.34	21.37	21.27	21.50	
		25	25	21.20	21.34	21.40	21.50	
		50	0	20.54	21.35	21.41	21.50	
	16QAM	1	0	23.53	23.59	23.20	24.50	
		1	38	23.82	23.80	23.81	24.50	
		1	74	23.54	23.24	23.59	24.50	
		36	0	22.46	22.18	22.29	23.50	
		36	18	22.47	22.72	22.65	23.50	
		36	39	22.38	22.68	22.45	23.50	
15MHz	16QAM	75	0	22.69	22.28	22.48	23.50	
		1	0	22.54	22.37	22.73	23.50	
		1	38	22.85	22.52	23.00	23.50	
		1	74	22.56	22.60	22.54	23.50	
		36	0	21.33	21.21	21.58	22.50	
		36	18	21.75	21.64	21.75	22.50	
	15MHz	16QAM	36	39	21.76	21.67	21.44	22.50
			75	0	21.38	21.37	21.36	22.50

		1	0	22.14	22.41	22.39	22.50
		1	38	22.11	22.17	22.08	22.50
		1	74	21.60	21.49	22.20	22.50
	64QAM	36	0	21.43	21.32	21.41	21.50
		36	18	21.18	21.37	21.36	21.50
		36	39	21.25	21.48	21.34	21.50
		75	0	20.62	21.17	21.26	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	23.48	23.36	23.36	24.50
		1	50	23.66	23.59	23.72	24.50
		1	99	23.43	23.48	23.62	24.50
		50	0	22.54	22.38	22.54	23.50
		50	25	22.64	22.50	22.65	23.50
		50	50	22.55	22.50	22.63	23.50
		100	0	22.61	22.48	22.61	23.50
	16QAM	1	0	22.68	22.49	22.62	23.50
		1	50	22.95	22.54	22.87	23.50
		1	99	22.68	22.55	22.71	23.50
		50	0	21.55	21.37	21.54	22.50
		50	25	21.66	21.50	21.65	22.50
		50	50	21.52	21.48	21.66	22.50
		100	0	21.56	21.45	21.55	22.50
	64QAM	1	0	22.23	22.43	22.43	22.50
		1	50	22.07	22.11	22.12	22.50
		1	99	21.64	21.4	22.1	22.50
		50	0	21.49	21.42	21.37	21.50
		50	25	21.28	21.42	21.37	21.50
		50	50	21.24	21.42	21.31	21.50
		100	0	20.56	21.26	21.32	21.50

LTE Band 7 DSI 4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	20.67	20.22	20.24	21.50	
		1	13	20.79	20.34	20.45	21.50	
		1	24	19.84	20.43	20.54	21.50	
		12	0	20.23	20.33	20.36	21.50	
		12	6	20.33	20.31	20.41	21.50	
		12	13	20.30	20.45	20.49	21.50	
	16QAM	25	0	20.22	20.51	20.53	21.50	
		1	0	20.78	20.94	20.37	21.50	
		1	13	20.55	20.62	20.90	21.50	
		1	24	20.49	20.18	20.39	21.50	
		12	0	20.35	20.34	20.29	21.50	
		12	6	20.70	20.25	20.54	21.50	
	64QAM	12	13	20.53	20.56	20.28	21.50	
		25	0	20.61	20.57	20.24	21.50	
		1	0	20.82	20.73	20.51	21.50	
		1	13	20.80	20.63	20.83	21.50	
		1	24	20.64	20.57	20.69	21.50	
		12	0	20.42	20.25	20.25	21.50	
	10MHz	QPSK	12	6	20.51	20.46	20.41	21.50
			12	13	20.32	20.37	20.49	21.50
			12	13	20.43	20.29	20.33	21.50
25			0	20.47	20.28	20.35	21.50	
1			25	20.47	20.44	20.69	21.50	
1			49	19.77	20.15	20.52	21.50	
16QAM		25	0	20.21	20.09	20.22	21.50	
		25	13	20.36	20.40	20.65	21.50	
		25	25	20.60	20.69	20.22	21.50	
		50	0	20.09	20.34	20.26	21.50	
		1	0	20.80	21.10	20.67	21.50	
		1	25	20.49	20.73	20.95	21.50	
64QAM	1	49	20.82	20.39	20.35	21.50		
	25	0	20.58	20.54	20.39	21.50		
	25	13	20.76	20.56	20.53	21.50		
	25	25	20.59	20.40	20.67	21.50		
	50	0	20.48	20.38	20.22	21.50		
	1	0	20.75	20.77	20.62	21.50		
15MHz	QPSK	1	25	20.91	20.66	20.85	21.50	
		1	49	20.64	20.67	20.68	21.50	
		25	0	20.37	20.32	20.26	21.50	
		25	13	20.57	20.44	20.38	21.50	
		25	25	20.25	20.46	20.36	21.50	
		50	0	20.32	20.41	20.33	21.50	
	16QAM	1	0	20.5	20.07	20.35	21.50	
		1	38	20.55	20.31	20.57	21.50	
		1	74	19.96	20.26	20.35	21.50	
		36	0	20.46	20.29	20.42	21.50	
		36	18	20.43	20.42	20.45	21.50	
		36	39	20.47	20.48	20.29	21.50	
16QAM	75	0	20.31	20.34	20.4	21.50		
	1	0	20.73	21.06	20.46	21.50		
	1	38	20.49	20.55	21.1	21.50		
	1	74	20.57	20.17	20.51	21.50		
	36	0	20.38	20.34	20.41	21.50		
	36	18	20.57	20.45	20.36	21.50		
15MHz	16QAM	36	39	20.51	20.34	20.48	21.50	
		75	0	20.51	20.37	20.44	21.50	



		1	0	20.83	20.68	20.49	21.50
		1	38	20.74	20.69	20.81	21.50
		1	74	20.71	20.50	20.63	21.50
	64QAM	36	0	20.40	20.40	20.33	21.50
		36	18	20.46	20.49	20.53	21.50
		36	39	20.28	20.36	20.48	21.50
		75	0	20.44	20.42	20.35	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20.29	20.17	20.09	21.50
		1	50	20.35	20.30	20.39	21.50
		1	99	20.29	20.28	20.30	21.50
		50	0	20.33	20.29	20.38	21.50
		50	25	20.45	20.40	20.43	21.50
		50	50	20.33	20.38	20.41	21.50
		100	0	20.43	20.41	20.40	21.50
	16QAM	1	0	20.80	20.68	20.56	21.50
		1	50	20.82	20.65	20.77	21.50
		1	99	20.67	20.58	20.62	21.50
		50	0	20.34	20.31	20.35	21.50
		50	25	20.49	20.41	20.46	21.50
		50	50	20.34	20.41	20.39	21.50
		100	0	20.36	20.33	20.39	21.50
	64QAM	1	0	20.81	20.66	20.63	21.50
		1	50	20.78	20.65	20.68	21.50
		1	99	20.61	20.68	20.54	21.50
		50	0	20.32	20.38	20.28	21.50
		50	25	20.46	20.39	20.53	21.50
		50	50	20.31	20.45	20.33	21.50
		100	0	20.43	20.37	20.43	21.50

LTE Band 7 DSI 5/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	19.12	19.24	19.15	20.50	
		1	13	19.36	19.27	19.49	20.50	
		1	24	18.99	19.08	19.19	20.50	
		12	0	19.33	19.39	19.28	20.50	
		12	6	19.63	19.63	19.62	20.50	
		12	13	19.38	19.69	19.67	20.50	
	16QAM	25	0	19.41	19.72	19.40	20.50	
		1	0	19.93	19.76	19.60	20.50	
		1	13	19.98	20.03	19.64	20.50	
		1	24	19.84	19.52	19.68	20.50	
		12	0	19.11	19.35	19.63	20.50	
		12	6	19.26	19.58	19.31	20.50	
	64QAM	12	13	19.66	19.69	19.63	20.50	
		25	0	19.22	19.35	19.22	20.50	
		1	0	19.75	19.68	19.72	20.50	
		1	13	19.94	19.75	19.84	20.50	
		1	24	19.85	19.84	19.73	20.50	
		12	0	19.31	19.38	19.50	20.50	
	10MHz	QPSK	12	6	19.44	19.56	19.58	20.50
			12	13	19.39	19.39	19.49	20.50
			25	0	19.34	19.38	19.44	20.50
1			0	19.44	19.33	18.88	20.50	
1			25	19.60	19.58	19.49	20.50	
1			49	18.98	19.12	19.55	20.50	
16QAM		25	0	19.48	19.19	19.36	20.50	
		25	13	19.53	19.44	19.50	20.50	
		25	25	19.19	19.66	19.63	20.50	
		50	0	19.48	19.55	19.49	20.50	
		1	0	19.66	19.91	19.79	20.50	
		1	25	19.66	19.83	19.69	20.50	
64QAM	1	49	20.04	20.01	19.60	20.50		
	25	0	19.34	19.33	19.36	20.50		
	25	13	19.21	19.66	19.76	20.50		
	25	25	19.66	19.22	19.58	20.50		
	50	0	19.62	19.19	19.21	20.50		
	1	0	19.73	19.64	19.71	20.50		
5MHz	QPSK	1	25	19.91	19.92	19.94	20.50	
		1	49	19.69	19.79	19.68	20.50	
		25	0	19.41	19.41	19.48	20.50	
		25	13	19.48	19.37	19.47	20.50	
		25	25	19.47	19.50	19.47	20.50	
		50	0	19.43	19.39	19.36	20.50	
	16QAM	1	0	19.44	19.11	19.00	20.50	
		1	38	19.53	19.43	19.62	20.50	
		1	74	18.98	19.15	19.25	20.50	
		36	0	19.26	19.28	19.51	20.50	
		36	18	19.44	19.40	19.29	20.50	
		36	39	19.26	19.52	19.66	20.50	
15MHz	QPSK	75	0	19.62	19.66	19.32	20.50	
		1	0	19.95	19.79	19.46	20.50	
		1	38	20.06	19.87	19.91	20.50	
		1	74	20.02	19.87	19.58	20.50	
		36	0	19.17	19.56	19.21	20.50	
		36	18	19.59	19.68	19.30	20.50	
	16QAM	36	39	19.35	19.30	19.67	20.50	
		75	0	19.47	19.59	19.52	20.50	

		1	0	19.78	19.74	19.75	20.50
		1	38	19.87	19.91	19.93	20.50
		1	74	19.77	19.67	19.74	20.50
	64QAM	36	0	19.25	19.31	19.49	20.50
		36	18	19.38	19.36	19.63	20.50
		36	39	19.41	19.57	19.53	20.50
		75	0	19.38	19.46	19.32	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	19.29	19.22	19.10	20.50
		1	50	19.44	19.39	19.43	20.50
		1	99	19.23	19.30	19.35	20.50
		50	0	19.37	19.38	19.43	20.50
		50	25	19.50	19.48	19.53	20.50
		50	50	19.39	19.45	19.48	20.50
		100	0	19.47	19.47	19.46	20.50
	16QAM	1	0	19.72	19.70	19.65	20.50
		1	50	19.86	19.82	19.88	20.50
		1	99	19.79	19.77	19.77	20.50
		50	0	19.35	19.36	19.44	20.50
		50	25	19.46	19.46	19.53	20.50
		50	50	19.43	19.47	19.47	20.50
		100	0	19.44	19.41	19.42	20.50
	64QAM	1	0	19.76	19.69	19.74	20.50
		1	50	19.78	19.79	19.95	20.50
		1	99	19.72	19.67	19.80	20.50
		50	0	19.41	19.44	19.44	20.50
		50	25	19.52	19.38	19.52	20.50
		50	50	19.36	19.37	19.39	20.50
		100	0	19.36	19.36	19.37	20.50

LTE FDD Band 12 DSI 2/3/4/5/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	23.37	23.4	23.59	24.80	
		1	2	23.55	23.51	23.43	24.80	
		1	5	23.48	23.46	23.41	24.80	
		3	0	23.72	23.42	23.87	24.80	
		3	2	23.56	23.47	23.79	24.80	
		3	3	23.91	23.6	23.4	24.80	
	16QAM	6	0	22.64	22.44	22.68	23.80	
		1	0	23.15	22.56	23	23.80	
		1	2	22.69	23.13	23.03	23.80	
		1	5	22.51	23.04	23.17	23.80	
		3	0	22.63	22.47	22.5	23.80	
		3	2	22.58	22.5	22.53	23.80	
	64QAM	3	3	22.46	22.33	22.61	23.80	
		6	0	21.59	21.46	21.61	22.80	
		1	0	21.72	21.76	21.80	22.80	
		1	2	21.67	21.60	21.51	22.80	
		1	5	21.59	21.66	21.66	22.80	
		3	0	21.57	21.66	21.62	22.80	
	3MHz	QPSK	3	2	21.56	21.54	21.64	22.80
			3	3	21.51	21.59	21.67	22.80
			6	0	20.50	20.50	20.56	21.80
			1	0	23.66	23.39	23.40	24.80
			1	7	24.27	23.98	23.33	24.80
			1	14	23.59	23.65	23.58	24.80
3MHz	16QAM	8	0	22.73	22.26	22.75	23.80	
		8	4	22.44	22.42	22.37	23.80	
		8	7	22.43	22.28	22.55	23.80	
		15	0	22.43	22.70	22.56	23.80	
		1	0	23.10	22.70	23.22	23.80	
		1	7	22.99	22.54	22.78	23.80	
	64QAM	1	14	22.57	22.70	22.83	23.80	
		8	0	21.64	21.30	21.50	22.80	
		8	4	21.89	21.18	21.73	22.80	
		8	7	21.41	21.36	21.53	22.80	
		15	0	21.39	21.39	21.91	22.80	
		1	0	21.99	22.03	22.10	22.80	
	5MHz	QPSK	1	7	21.89	22.03	22.08	22.80
			1	14	21.86	21.87	22.00	22.80
			8	0	20.50	20.49	20.52	21.80
			8	4	20.43	20.36	20.52	21.80
			8	7	20.58	20.53	20.72	21.80
			15	0	20.57	20.39	20.46	21.80
5MHz	16QAM	1	0	23.68	23.53	23.57	24.80	
		1	13	24.21	23.78	23.54	24.80	
		1	24	23.71	23.61	23.6	24.80	
		12	0	22.68	22.4	22.63	23.80	
		12	6	22.64	22.52	22.62	23.80	
		12	13	22.54	22.43	22.6	23.80	
	16QAM	25	0	22.67	22.45	22.56	23.80	
		1	0	23.03	22.85	22.98	23.80	
		1	13	22.99	22.72	22.68	23.80	
		1	24	22.78	22.7	22.73	23.80	
		12	0	21.72	21.45	21.59	22.80	
		12	6	21.66	21.43	21.58	22.80	
		12	13	21.65	21.49	21.64	22.80	
		25	0	21.58	21.43	21.67	22.80	

		1	0	22.08	22.12	22.02	22.80
		1	13	22.08	22.08	21.91	22.80
		1	24	22.04	21.96	22.05	22.80
	64QAM	12	0	20.39	20.42	20.33	21.80
		12	6	20.49	20.49	20.49	21.80
		12	13	20.67	20.69	20.67	21.80
		25	0	20.52	20.46	20.57	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	23.85	23.82	23.91	24.80
		1	25	23.67	23.51	23.51	24.80
		1	49	23.79	23.63	23.62	24.80
		25	0	22.65	22.64	22.70	23.80
		25	13	22.68	22.55	22.63	23.80
		25	25	22.65	22.64	22.58	23.80
		50	0	22.74	22.53	22.58	23.80
	16QAM	1	0	23.07	23.01	22.95	23.80
		1	25	22.88	22.73	22.71	23.80
		1	49	22.98	22.87	22.77	23.80
		25	0	21.75	21.61	21.59	22.80
		25	13	21.72	21.58	21.61	22.80
		25	25	21.65	21.64	21.62	22.80
		50	0	21.73	21.54	21.61	22.80
	64QAM	1	0	22.08	22.08	22.13	22.80
		1	25	22.09	21.99	22.04	22.80
		1	49	21.93	21.95	21.91	22.80
		25	0	20.48	20.42	20.39	21.80
		25	13	20.46	20.44	20.49	21.80
		25	25	20.69	20.63	20.61	21.80
		50	0	20.47	20.47	20.50	21.80

LTE FDD Band 13 DSI 2/3/4/5/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23205	23230	23255		
5MHz	QPSK	1	0	23.53	23.66	23.71	24.80	
		1	13	23.8	23.45	23.7	24.80	
		1	24	23.66	23.3	23.66	24.80	
		12	0	22.45	22.62	22.6	23.80	
		12	6	22.49	22.51	22.46	23.80	
		12	13	22.41	22.6	22.59	23.80	
	16QAM	25	0	22.51	22.62	22.58	23.80	
		1	0	22.67	23.32	22.68	23.80	
		1	13	23.08	22.67	22.57	23.80	
		1	24	22.42	22.52	22.71	23.80	
		12	0	21.55	21.61	21.58	22.80	
		12	6	21.54	21.48	21.59	22.80	
	64QAM	12	13	21.52	21.56	21.57	22.80	
		25	0	21.54	21.52	21.6	22.80	
		1	0	21.71	21.62	21.70	22.80	
		1	13	21.35	21.40	21.43	22.80	
		1	24	21.23	21.42	21.32	22.80	
		12	0	20.70	20.65	20.53	21.80	
	10MHz	QPSK	12	6	20.62	20.64	20.57	21.80
			12	13	20.60	20.68	20.60	21.80
			12	13	20.60	20.68	20.60	21.80
25			0	20.66	20.61	20.66	21.80	
1			0	/	23230	/	24.80	
1			25	/	24.02	/	24.80	
16QAM		1	49	/	23.81	/	24.80	
		25	0	/	22.45	/	23.80	
		25	13	/	22.34	/	23.80	
		25	25	/	22.31	/	23.80	
		50	0	/	22.41	/	23.80	
		1	0	/	22.76	/	23.80	
64QAM	1	25	/	22.55	/	23.80		
	1	49	/	22.71	/	23.80		
	25	0	/	21.5	/	22.80		
	25	13	/	21.34	/	22.80		
	25	25	/	21.25	/	22.80		
	50	0	/	21.41	/	22.80		
64QAM	1	0	/	21.66	/	22.80		
	1	25	/	21.34	/	22.80		
	1	49	/	21.33	/	22.80		
	25	0	/	20.62	/	21.80		
	25	13	/	20.63	/	21.80		
	25	25	/	20.70	/	21.80		
50	0	/	20.56	/	21.80			

LTE FDD Band 17 DSI 2/3/4/5/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23755	23790	23825		
5MHz	QPSK	1	0	23.89	23.91	23.78	24.80	
		1	13	24.07	23.94	24.04	24.80	
		1	24	23.88	23.76	23.59	24.80	
		12	0	22.97	22.95	22.79	23.80	
		12	6	22.9	22.9	22.88	23.80	
		12	13	22.92	22.96	22.86	23.80	
	16QAM	25	0	22.92	22.96	22.82	23.80	
		1	0	23.3	23.23	23.2	23.80	
		1	13	23.17	23.27	22.78	23.80	
		1	24	22.8	22.98	22.85	23.80	
		12	0	22.09	21.99	21.89	22.80	
		12	6	22.05	22.02	21.91	22.80	
	64QAM	12	13	21.97	22.11	21.91	22.80	
		25	0	21.86	22.02	21.85	22.80	
		1	0	22.16	22.16	22.16	22.80	
		1	13	22.22	22.11	22.14	22.80	
		1	24	22.08	22.14	22.09	22.80	
		12	0	20.80	20.68	20.78	21.80	
	10MHz	QPSK	12	6	20.72	20.85	20.66	21.80
			12	13	20.78	20.71	20.80	21.80
			25	0	20.75	20.80	20.63	21.80
1			0	24.03	23.96	23.78	24.80	
1			25	23.69	23.74	23.59	24.80	
1			49	24.03	23.93	23.51	24.80	
16QAM		25	0	22.71	22.74	22.76	23.80	
		25	13	22.75	22.76	22.79	23.80	
		25	25	22.75	22.66	22.64	23.80	
		50	0	22.75	22.76	22.73	23.80	
		1	0	23.28	23.21	23.08	23.80	
		1	25	23.02	23.02	22.85	23.80	
64QAM	1	49	23.06	23.05	22.83	23.80		
	25	0	21.71	21.74	21.82	22.80		
	25	13	21.74	21.74	21.79	22.80		
	25	25	21.72	21.62	21.68	22.80		
	50	0	21.76	21.76	21.80	22.80		
	1	0	22.14	22.24	22.22	22.80		
16QAM	1	25	22.08	22.15	22.15	22.80		
	1	49	22.06	22.16	22.25	22.80		
	25	0	20.74	20.72	20.77	21.80		
	25	13	20.73	20.75	20.85	21.80		
	25	25	20.73	20.77	20.72	21.80		
	50	0	20.68	20.72	20.66	21.80		

LTE Band 18 DSI 2/3/4/5/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23875	23925	23975	
5MHz	QPSK	1	0	22.91	22.86	22.91	24.00
		1	13	22.91	23.11	22.83	24.00
		1	24	23	22.94	22.73	24.00
		12	0	22.04	21.95	21.95	23.00
		12	6	22.03	22.04	21.94	23.00
		12	13	22.07	21.93	21.83	23.00
	16QAM	25	0	22.02	21.96	21.86	23.00
		1	0	22.5	22.18	22.32	23.00
		1	13	22.37	21.97	21.81	23.00
		1	24	21.91	22.18	22.23	23.00
		12	0	21.12	20.87	20.85	22.00
		12	6	21	21.01	20.99	22.00
	64QAM	12	13	21.06	21.06	20.89	22.00
		25	0	21	21.12	20.98	22.00
		1	0	20.53	20.60	20.47	22.00
		1	13	20.20	20.06	20.11	22.00
		1	24	20.15	20.22	20.15	22.00
		12	0	19.24	19.24	19.29	21.00
		12	6	19.32	19.20	19.17	21.00
		12	13	19.17	19.19	19.29	21.00
		25	0	19.37	19.31	19.30	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23900	23925	23950	
10MHz	QPSK	1	0	22.94	22.98	22.90	24.00
		1	25	23.08	23.22	22.86	24.00
		1	49	23.22	22.82	22.96	24.00
		25	0	21.98	22.02	21.77	23.00
		25	13	22.24	22.21	21.89	23.00
		25	25	21.83	21.95	21.82	23.00
	16QAM	50	0	21.82	21.80	22.02	23.00
		1	0	22.62	22.22	22.21	23.00
		1	25	22.41	21.86	21.81	23.00
		1	49	21.79	22.06	22.08	23.00
		25	0	21.32	20.71	20.91	22.00
		25	13	21.18	21.24	21.14	22.00
		25	25	21.26	20.97	21.07	22.00
		50	0	20.76	21.09	21.16	22.00
	64QAM	1	0	20.62	20.47	20.42	22.00
		1	25	20.16	20.07	20.15	22.00
		1	49	20.30	20.18	20.29	22.00
		25	0	19.24	19.22	19.19	21.00
		25	13	19.23	19.14	19.18	21.00
		25	25	19.25	19.28	19.18	21.00
		50	0	19.21	19.34	19.33	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23925	/	
15MHz	QPSK	1	0	/	23.00	/	24.00
		1	38	/	22.90	/	24.00
		1	74	/	22.61	/	24.00
		36	0	/	22.01	/	23.00
		36	18	/	21.85	/	23.00
		36	39	/	21.60	/	23.00
		75	0	/	21.74	/	23.00
	16QAM	1	0	/	22.04	/	23.00
		1	38	/	22.00	/	23.00
		1	74	/	21.77	/	23.00
		36	0	/	20.84	/	22.00
		36	18	/	20.68	/	22.00
		36	39	/	20.44	/	22.00
		75	0	/	20.59	/	22.00
	64QAM	1	0	/	20.52	/	22.00
		1	38	/	20.12	/	22.00
		1	74	/	20.22	/	22.00
		36	0	/	19.24	/	21.00
		36	18	/	19.22	/	21.00
		36	39	/	19.25	/	21.00
		75	0	/	19.30	/	21.00



LTE Band 19 DSI 2/3/4/5/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				24.25	24075	24125	
5MHz	QPSK	1	0	22.98	22.84	22.98	23.70
		1	13	23.01	22.74	22.68	23.70
		1	24	23.02	22.88	22.94	23.70
		12	0	22.08	21.93	22	22.70
		12	6	22.04	21.89	21.96	22.70
		12	13	21.99	21.92	21.82	22.70
	16QAM	25	0	22.02	21.9	21.78	22.70
		1	0	22.26	22.17	22.08	22.70
		1	13	22.21	22.04	21.83	22.70
		1	24	21.84	22.1	22.41	22.70
		12	0	20.99	20.96	20.87	21.70
		12	6	21	20.94	20.88	21.70
	64QAM	12	13	21.12	20.98	20.89	21.70
		25	0	21.14	20.86	21.12	21.70
		1	0	21.08	21.01	20.92	21.70
		1	13	21.18	21.05	21.11	21.70
		1	24	21.18	21.03	21.22	21.70
		12	0	20.19	20.18	20.15	20.70
		12	6	20.09	20.11	20.14	20.70
		12	13	20.08	20.19	20.23	20.70
25	0	20.08	20.15	20.12	20.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.73	22.63	22.82	23.70
		1	25	22.78	22.90	22.71	23.70
		1	49	22.86	22.78	22.79	23.70
		25	0	22.15	21.91	21.85	22.70
		25	13	22.24	21.79	21.88	22.70
		25	25	21.91	21.74	21.93	22.70
	16QAM	50	0	21.90	21.72	21.83	22.70
		1	0	22.10	21.92	21.92	22.70
		1	25	22.32	22.22	22.04	22.70
		1	49	21.97	21.89	22.53	22.70
		25	0	20.82	21.10	20.88	21.70
		25	13	21.21	21.17	20.75	21.70
	64QAM	25	25	21.11	21.07	20.67	21.70
		50	0	21.09	20.97	21.34	21.70
		1	0	21.11	21.03	20.94	21.70
		1	25	21.13	21.09	21.14	21.70
		1	49	21.02	21.13	21.03	21.70
		25	0	20.14	20.14	20.15	20.70
		25	13	20.03	20.21	20.17	20.70
		25	25	20.23	20.16	20.19	20.70
50	0	20.07	20.11	19.95	20.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	/	24075	/	23.70
		1	38	/	22.42	/	23.70
		1	74	/	22.70	/	23.70
		1	74	/	22.39	/	23.70
		36	0	/	21.51	/	22.70
		36	18	/	21.64	/	22.70
		36	39	/	21.51	/	22.70
	16QAM	75	0	/	21.49	/	22.70
		1	0	/	21.62	/	22.70
		1	38	/	21.93	/	22.70
		1	74	/	21.62	/	22.70
		36	0	/	20.47	/	21.70
		36	18	/	20.61	/	21.70
		36	39	/	20.47	/	21.70
	64QAM	75	0	/	20.45	/	21.70
		1	0	/	21.02	/	21.70
		1	38	/	21.15	/	21.70
		1	74	/	21.12	/	21.70
		36	0	/	20.20	/	20.70
		36	18	/	20.11	/	20.70
36	39	/	20.16	/	20.70		
75	0	/	20.05	/	20.70		

LTE Band 26 DSI 2/3/4/5/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26697	26865	27033		
1.4MHz	QPSK	1	0	23.66	22.83	23.12	24.40	
		1	2	23.22	23.19	22.88	24.40	
		1	5	23.12	22.8	22.81	24.40	
		3	0	23.3	22.95	22.99	24.40	
		3	2	23.5	23.09	23.08	24.40	
		3	3	23.4	23.13	22.9	24.40	
	16QAM	6	0	22.32	22	22.11	23.40	
		1	0	22.65	22.15	22.13	23.40	
		1	2	22.31	22.49	22.47	23.40	
		1	5	22.49	22.06	22.56	23.40	
		3	0	22.01	21.84	22.02	23.40	
		3	2	22.21	22.07	22.01	23.40	
	64QAM	3	3	22.13	21.98	21.78	23.40	
		6	0	21.11	21.26	21.14	22.40	
		1	0	22.33	22.23	22.32	22.40	
		1	2	22.16	22.12	22.12	22.40	
		1	5	22.08	22.15	22.11	22.40	
		3	0	21.98	22.05	22.15	22.40	
	3MHz	QPSK	3	2	22.24	22.16	22.07	22.40
			3	3	22.05	22.10	22.12	22.40
			3	3	22.05	22.10	22.12	22.40
6			0	21.15	21.13	21.22	21.40	
1			0	23.33	23.10	22.77	24.40	
1			7	23.07	23.48	23.09	24.40	
16QAM		1	14	23.20	22.96	23.22	24.40	
		8	0	22.16	21.92	22.13	23.40	
		8	4	22.17	22.20	22.04	23.40	
		8	7	22.24	21.88	22.25	23.40	
		15	0	22.11	22.34	21.89	23.40	
		1	0	22.40	22.50	22.38	23.40	
64QAM		1	7	22.16	21.89	22.32	23.40	
		1	14	22.49	22.06	22.69	23.40	
		8	0	21.38	21.40	20.86	22.40	
		8	4	21.38	21.08	20.90	22.40	
		8	7	21.35	21.21	20.91	22.40	
		15	0	21.51	21.14	21.20	22.40	
5MHz		QPSK	1	0	21.72	21.86	21.93	22.40
			1	7	21.77	21.72	21.67	22.40
			1	14	21.71	21.75	21.59	22.40
	8		0	20.40	20.60	20.35	21.40	
	8		4	20.60	20.46	20.47	21.40	
	8		7	20.73	20.55	20.58	21.40	
	16QAM	15	0	20.45	20.49	20.45	21.40	
		1	0	23.28	22.99	22.99	24.40	
		1	13	23.3	23.24	22.9	24.40	
		1	24	23.33	22.97	23.01	24.40	
		12	0	22.39	22.15	22.01	23.40	
		12	6	22.14	22.1	22.09	23.40	
	QPSK	12	13	22.17	22.07	22.06	23.40	
		25	0	22.26	22.09	22.09	23.40	
		1	0	22.41	22.75	22.33	23.40	
		1	13	22.41	22.11	22.18	23.40	
		1	24	22.62	22.15	22.56	23.40	
		12	0	21.4	21.15	21	22.40	
	16QAM	12	6	21.24	21.07	21.06	22.40	
		12	13	21.34	21.05	21.14	22.40	

		25	0	21.38	21.21	21.1	22.40
	64QAM	1	0	21.76	21.91	21.77	22.40
		1	13	21.75	21.80	21.72	22.40
		1	24	21.55	21.69	21.71	22.40
		12	0	20.49	20.57	20.43	21.40
		12	6	20.63	20.64	20.57	21.40
		12	13	20.68	20.65	20.74	21.40
		25	0	20.34	20.47	20.45	21.40
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				26740	26865	26990	
<b>10MHz</b>	QPSK	1	0	23.11	22.79	23.01	24.40
		1	25	23.35	23.37	22.65	24.40
		1	49	23.29	23.12	23.15	24.40
		25	0	22.21	22.29	21.86	23.40
		25	13	22.11	21.90	22.26	23.40
		25	25	22.00	21.93	22.02	23.40
		50	0	22.20	22.26	22.05	23.40
	16QAM	1	0	22.59	22.52	22.17	23.40
		1	25	22.53	22.09	22.25	23.40
		1	49	22.60	22.09	22.34	23.40
		25	0	21.33	20.97	21.01	22.40
		25	13	21.39	21.07	21.27	22.40
		25	25	21.30	20.97	21.01	22.40
	64QAM	50	0	21.17	21.10	20.94	22.40
		1	0	21.74	21.86	21.78	22.40
		1	25	21.79	21.86	21.74	22.40
		1	49	21.62	21.65	21.56	22.40
		25	0	20.50	20.58	20.44	21.40
		25	13	20.65	20.63	20.56	21.40
		25	25	20.60	20.63	20.61	21.40
	50	0	20.50	20.41	20.44	21.40	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				26765	26865	26965	
<b>15MHz</b>	QPSK	1	0	23.34	23.59	23.08	24.40
		1	38	23.31	23.09	23.02	24.40
		1	74	23.55	23.43	23.21	24.40
		36	0	22.52	22.54	22.35	23.40
		36	18	22.46	22.32	22.18	23.40
		36	39	22.26	22.15	22.05	23.40
		75	0	22.38	22.33	22.22	23.40
	16QAM	1	0	22.65	22.76	22.38	23.40
		1	38	22.55	22.41	22.27	23.40
		1	74	22.88	22.72	22.48	23.40
		36	0	21.53	21.54	21.35	22.40
		36	18	21.47	21.39	21.19	22.40
		36	39	21.25	21.13	21.05	22.40
		75	0	21.37	21.27	21.21	22.40
	64QAM	1	0	21.81	21.85	21.85	22.40
		1	38	21.71	21.79	21.74	22.40
		1	74	21.65	21.73	21.64	22.40
		36	0	20.49	20.53	20.43	21.40
		36	18	20.65	20.56	20.53	21.40
		36	39	20.64	20.62	20.66	21.40
		75	0	20.43	20.45	20.39	21.40

LTE Band 38 DSI 2/3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	23.56	23.27	23.24	24.60	
		1	13	23.50	23.12	23.26	24.60	
		1	24	23.55	23.57	23.53	24.60	
		12	0	22.73	22.84	22.47	23.60	
		12	6	22.83	22.61	22.63	23.60	
		12	13	22.82	22.62	22.63	23.60	
	16QAM	25	0	22.70	22.60	22.56	23.60	
		1	0	22.80	22.53	22.69	23.60	
		1	13	22.81	22.74	22.69	23.60	
		1	24	22.97	22.81	22.78	23.60	
		12	0	21.78	21.60	21.49	22.60	
		12	6	21.76	21.63	21.58	22.60	
	64QAM	12	13	21.87	21.67	21.66	22.60	
		25	0	21.72	21.67	21.67	22.60	
		1	0	21.54	21.29	20.92	22.60	
		1	13	20.90	21.22	21.04	22.60	
		1	24	20.75	20.91	20.75	22.60	
		12	0	20.30	20.51	20.40	21.60	
	10MHz	QPSK	12	6	20.41	20.24	20.32	21.60
			12	13	20.43	20.19	20.62	21.60
			12	13	20.43	20.19	20.62	21.60
25			0	20.40	20.26	20.23	21.60	
1			0	23.52	23.21	23.32	24.60	
1			25	23.56	23.13	23.21	24.60	
16QAM		1	49	23.53	23.55	23.57	24.60	
		25	0	22.63	22.76	22.55	23.60	
		25	13	22.85	22.63	22.65	23.60	
		25	25	22.78	22.56	22.59	23.60	
		50	0	22.66	22.59	22.61	23.60	
		1	0	22.82	22.59	22.63	23.60	
64QAM	1	25	22.83	22.77	22.66	23.60		
	1	49	23.01	22.78	22.81	23.60		
	25	0	21.73	21.57	21.50	22.60		
	25	13	21.72	21.58	21.62	22.60		
	25	25	21.88	21.64	21.59	22.60		
	50	0	21.78	21.65	21.63	22.60		
15MHz	QPSK	1	0	21.37	21.26	20.76	22.60	
		1	25	20.92	21.19	21.08	22.60	
		1	49	20.70	20.78	20.86	22.60	
		25	0	20.28	20.61	20.31	21.60	
		25	13	20.48	20.34	20.25	21.60	
		25	25	20.58	20.30	20.69	21.60	
	16QAM	50	0	20.59	20.41	20.39	21.60	
		1	0	23.56	23.30	23.28	24.60	
		1	38	23.48	23.11	23.27	24.60	
		1	74	23.56	23.58	23.55	24.60	
		36	0	22.69	22.75	22.50	23.60	
		36	18	22.76	22.57	22.64	23.60	
16QAM	36	39	22.84	22.58	22.65	23.60		
	75	0	22.75	22.51	22.63	23.60		
	1	0	22.76	22.58	22.64	23.60		
	1	38	22.78	22.74	22.66	23.60		
	1	74	22.97	22.76	22.86	23.60		
	36	0	21.78	21.60	21.55	22.60		
15MHz	16QAM	36	18	21.74	21.66	21.54	22.60	
		36	39	21.79	21.67	21.64	22.60	
		75	0	21.79	21.68	21.66	22.60	

		1	0	21.44	21.25	20.94	22.60
		1	38	20.91	21.24	20.92	22.60
		1	74	20.75	20.84	20.69	22.60
	64QAM	36	0	20.29	20.53	20.32	21.60
		36	18	20.45	20.14	20.36	21.60
		36	39	20.44	20.17	20.61	21.60
		75	0	20.41	20.43	20.39	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.52	23.26	23.27	24.60
		1	50	23.52	23.15	23.22	24.60
		1	99	23.57	23.60	23.56	24.60
		50	0	22.68	22.80	22.50	23.60
		50	25	22.80	22.58	22.62	23.60
		50	50	22.79	22.61	22.64	23.60
		100	0	22.70	22.55	22.59	23.60
	16QAM	1	0	22.80	22.58	22.66	23.60
		1	50	22.79	22.75	22.66	23.60
		1	99	22.97	22.79	22.81	23.60
		50	0	21.74	21.62	21.54	22.60
		50	25	21.77	21.61	21.58	22.60
		50	50	21.83	21.67	21.63	22.60
		100	0	21.77	21.67	21.65	22.60
	64QAM	1	0	21.46	21.27	20.85	22.60
		1	50	20.98	21.17	21.01	22.60
		1	99	20.78	20.87	20.77	22.60
		50	0	20.28	20.51	20.32	21.60
		50	25	20.46	20.24	20.28	21.60
		50	50	20.52	20.24	20.60	21.60
		100	0	20.49	20.36	20.33	21.60

LTE Band 38 DSI 4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	22.39	22.41	22.44	23.60	
		1	13	22.44	22.29	22.47	23.60	
		1	24	22.66	22.72	22.73	23.60	
		12	0	22.37	22.40	22.65	23.60	
		12	6	22.66	22.43	22.19	23.60	
		12	13	22.58	22.49	22.41	23.60	
	16QAM	25	0	22.50	22.42	22.49	23.60	
		1	0	22.89	22.59	22.58	23.60	
		1	13	22.55	22.37	22.21	23.60	
		1	24	22.58	22.91	22.71	23.60	
		12	0	21.60	21.67	21.42	22.60	
		12	6	21.77	21.64	21.62	22.60	
	64QAM	12	13	21.95	21.87	21.81	22.60	
		25	0	21.59	21.58	21.47	22.60	
		1	0	21.40	21.19	20.85	22.60	
		1	13	20.98	21.26	21.08	22.60	
		1	24	20.82	20.95	20.78	22.60	
		12	0	20.22	20.60	20.24	21.60	
	10MHz	QPSK	12	6	20.54	20.31	20.19	21.60
			12	13	20.61	20.24	20.68	21.60
			25	0	20.59	20.41	20.23	21.60
Channel			Channel	Channel	Tune up			
37800			38000	38200				
10MHz			QPSK	1	0	22.32	22.46	22.45
		1		25	22.50	22.30	22.54	23.60
		1		49	22.76	22.62	22.64	23.60
		25		0	22.39	22.41	22.63	23.60
		25		13	22.67	22.38	22.20	23.60
		25		25	22.64	22.47	22.37	23.60
		16QAM	50	0	22.49	22.42	22.54	23.60
			1	0	22.89	22.59	22.64	23.60
			1	25	22.60	22.35	22.23	23.60
			1	49	22.54	22.98	22.66	23.60
			25	0	21.64	21.69	21.38	22.60
			25	13	21.71	21.61	21.67	22.60
		64QAM	25	25	21.86	21.86	21.83	22.60
			50	0	21.65	21.61	21.45	22.60
			1	0	21.48	21.22	20.85	22.60
			1	25	20.97	21.22	20.92	22.60
	1		49	20.74	20.79	20.80	22.60	
	25		0	20.26	20.51	20.25	21.60	
15MHz	QPSK	25	13	20.38	20.22	20.19	21.60	
		25	25	20.57	20.24	20.56	21.60	
		50	0	20.58	20.33	20.26	21.60	
		Channel	Channel	Channel	Tune up			
		37825	38000	38175				
		15MHz	QPSK	1	0	22.35	22.45	22.43
	1			38	22.49	22.33	22.52	23.60
	1			74	22.71	22.67	22.69	23.60
	36			0	22.38	22.4	22.68	23.60
	36			18	22.66	22.39	22.17	23.60
	36			39	22.6	22.45	22.42	23.60
	16QAM		75	0	22.49	22.41	22.49	23.60
			1	0	22.86	22.63	22.59	23.60
			1	38	22.57	22.39	22.25	23.60
			1	74	22.53	22.93	22.67	23.60
			36	0	21.65	21.67	21.43	22.60
			36	18	21.75	21.66	21.62	22.60
			36	39	21.91	21.83	21.78	22.60
			75	0	21.61	21.62	21.5	22.60

		1	0	21.40	21.28	20.81	22.60	
		1	38	21.02	21.23	20.92	22.60	
		1	74	20.82	20.97	20.81	22.60	
	64QAM	36	0	20.35	20.48	20.26	21.60	
		36	18	20.36	20.32	20.23	21.60	
		36	39	20.50	20.22	20.58	21.60	
		75	0	20.50	20.29	20.30	21.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	QPSK	1	0	22.48	22.45	22.47	23.60	
		1	50	22.49	22.33	22.35	23.60	
		1	99	22.75	22.82	22.67	23.60	
		50	0	22.53	22.51	22.48	23.60	
		50	25	22.64	22.50	22.59	23.60	
		50	50	22.60	22.60	22.61	23.60	
	16QAM	100	0	22.55	22.50	22.52	23.60	
		1	0	22.56	22.63	22.60	23.60	
		1	50	22.66	22.57	22.56	23.60	
		1	99	22.82	22.61	22.72	23.60	
		50	0	21.75	21.76	21.68	22.60	
		50	25	21.82	21.74	21.71	22.60	
	64QAM	50	50	21.87	21.80	21.82	22.60	
		100	0	21.79	21.83	21.79	22.60	
		1	0	21.37	21.32	20.93	22.60	
		1	50	20.92	21.16	20.99	22.60	
		1	99	20.83	20.87	20.67	22.60	
		50	0	20.36	20.45	20.22	21.60	
			50	25	20.44	20.14	20.35	21.60
			50	50	20.44	20.24	20.70	21.60
			100	0	20.47	20.46	20.39	21.60

LTE Band 38 DSI 5/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	21.55	21.42	21.50	22.60	
		1	13	21.55	21.46	21.42	22.60	
		1	24	21.79	21.73	21.69	22.60	
		12	0	21.55	21.52	21.48	22.60	
		12	6	21.66	21.54	21.63	22.60	
		12	13	21.69	21.62	21.62	22.60	
	16QAM	25	0	21.52	21.50	21.61	22.60	
		1	0	21.61	21.70	21.62	22.60	
		1	13	21.72	21.69	21.73	22.60	
		1	24	21.95	21.75	21.73	22.60	
		12	0	21.61	21.62	21.62	22.60	
		12	6	21.77	21.53	21.60	22.60	
	64QAM	12	13	21.84	21.65	21.68	22.60	
		25	0	21.70	21.63	21.62	22.60	
		1	0	21.54	21.33	20.75	22.60	
		1	13	20.94	21.15	21.02	22.60	
		1	24	20.71	20.91	20.68	22.60	
		12	0	20.30	20.53	20.34	21.60	
		12	6	20.38	20.28	20.20	21.60	
		12	13	20.61	20.24	20.52	21.60	
		25	0	20.46	20.45	20.31	21.60	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37800	38000	38200	
10MHz		QPSK	1	0	21.55	21.41	21.50	22.60
	1		25	21.54	21.48	21.45	22.60	
	1		49	21.82	21.78	21.69	22.60	
	25		0	21.62	21.52	21.52	22.60	
	25		13	21.64	21.58	21.57	22.60	
	25		25	21.68	21.64	21.66	22.60	
	16QAM	50	0	21.53	21.58	21.58	22.60	
		1	0	21.67	21.67	21.65	22.60	
		1	25	21.70	21.68	21.70	22.60	
		1	49	21.95	21.85	21.78	22.60	
		25	0	21.63	21.62	21.60	22.60	
		25	13	21.71	21.57	21.65	22.60	
	64QAM	25	25	21.86	21.69	21.62	22.60	
		50	0	21.73	21.59	21.66	22.60	
		1	0	21.54	21.37	20.94	22.60	
		1	25	20.91	21.25	21.11	22.60	
		1	49	20.78	20.77	20.87	22.60	
		25	0	20.32	20.41	20.29	21.60	
		25	13	20.40	20.20	20.34	21.60	
		25	25	20.61	20.34	20.55	21.60	
		50	0	20.43	20.30	20.23	21.60	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37825	38000	38175	
15MHz		QPSK	1	0	21.48	21.48	21.50	22.60
	1		38	21.60	21.40	21.39	22.60	
	1		74	21.83	21.79	21.70	22.60	
	36		0	21.53	21.55	21.49	22.60	
	36		18	21.71	21.52	21.63	22.60	
	36		39	21.61	21.61	21.68	22.60	
	16QAM	75	0	21.59	21.51	21.56	22.60	
		1	0	21.63	21.66	21.64	22.60	
		1	38	21.69	21.71	21.73	22.60	
		1	74	21.90	21.80	21.81	22.60	
		36	0	21.66	21.56	21.59	22.60	
		36	18	21.81	21.53	21.61	22.60	
		36	39	21.82	21.67	21.68	22.60	
		75	0	21.73	21.64	21.64	22.60	



		1	0	21.53	21.17	20.87	22.60	
		1	38	20.90	21.22	20.91	22.60	
		1	74	20.82	20.95	20.67	22.60	
	64QAM	36	0	20.30	20.51	20.41	21.60	
		36	18	20.44	20.21	20.34	21.60	
		36	39	20.49	20.18	20.59	21.60	
		75	0	20.58	20.27	20.42	21.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	QPSK	1	0	21.51	21.46	21.54	22.60	
		1	50	21.57	21.45	21.44	22.60	
		1	99	21.80	21.76	21.69	22.60	
		50	0	21.57	21.57	21.51	22.60	
		50	25	21.66	21.57	21.61	22.60	
		50	50	21.66	21.61	21.65	22.60	
	16QAM	100	0	21.56	21.55	21.58	22.60	
		1	0	21.64	21.68	21.65	22.60	
		1	50	21.67	21.71	21.69	22.60	
		1	99	21.92	21.80	21.78	22.60	
		50	0	21.63	21.59	21.58	22.60	
		50	25	21.76	21.58	21.62	22.60	
	64QAM	50	50	21.83	21.66	21.66	22.60	
		100	0	21.74	21.62	21.63	22.60	
		1	0	21.36	21.24	20.81	22.60	
		1	50	21.08	21.26	20.91	22.60	
		1	99	20.77	20.85	20.78	22.60	
		50	0	20.37	20.56	20.29	21.60	
			50	25	20.42	20.25	20.35	21.60
			50	50	20.59	20.19	20.61	21.60
			100	0	20.56	20.36	20.30	21.60

LTE Band 41 DSI 2/3				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	23.4	23.53	23.55	23.52	23.6	24.30	
		1	13	23.47	23.47	23.58	23.49	23.58	24.30	
		1	24	23.38	23.44	23.49	23.61	23.48	24.30	
		12	0	22.41	22.62	22.62	22.61	22.61	23.30	
		12	6	22.59	22.69	22.65	22.68	22.71	23.30	
		12	13	22.46	22.57	22.61	22.52	22.56	23.30	
	16QAM	25	0	22.5	22.61	22.58	22.53	22.69	23.30	
		1	0	22.46	22.61	22.78	22.86	22.75	23.30	
		1	13	22.66	22.77	22.77	22.96	23.19	23.30	
		1	24	22.5	22.58	22.68	22.7	22.96	23.30	
		12	0	21.47	21.63	21.54	21.65	21.67	22.30	
		12	6	21.57	21.68	21.72	21.74	21.74	22.30	
	64QAM	12	13	21.48	21.6	21.59	21.62	21.63	22.30	
		25	0	21.54	21.61	21.69	21.61	21.66	22.30	
		1	0	20.93	21.01	21.38	21.22	21.71	22.30	
		1	13	20.70	21.37	21.20	21.38	21.55	22.30	
		1	24	20.75	20.80	20.49	21.30	21.39	22.30	
		12	0	20.34	20.45	20.62	20.79	20.61	21.30	
		12	6	20.34	20.57	20.56	20.54	20.71	21.30	
		12	13	20.32	20.46	20.54	20.62	20.79	21.30	
	10MHz	QPSK	25	0	20.48	20.55	20.81	20.80	20.62	21.30
			1	0	23.43	23.45	23.6	23.52	23.57	24.30
			1	25	23.44	23.51	23.55	23.48	23.56	24.30
			1	49	23.39	23.43	23.49	23.56	23.53	24.30
25			0	22.45	22.55	22.61	22.66	22.69	23.30	
25			13	22.53	22.7	22.7	22.65	22.68	23.30	
16QAM		25	25	22.5	22.56	22.6	22.55	22.61	23.30	
		50	0	22.57	22.62	22.57	22.52	22.69	23.30	
		1	0	22.55	22.63	22.85	22.85	22.68	23.30	
		1	25	22.64	22.74	22.72	22.91	23.26	23.30	
		1	49	22.51	22.55	22.59	22.61	22.95	23.30	
		25	0	21.43	21.57	21.54	21.62	21.69	22.30	
64QAM		25	13	21.58	21.65	21.74	21.76	21.71	22.30	
		25	25	21.5	21.56	21.59	21.64	21.59	22.30	
		50	0	21.53	21.65	21.69	21.62	21.73	22.30	
		1	0	20.87	21.08	21.34	21.22	21.69	22.30	
		1	25	20.75	21.37	21.26	21.39	21.52	22.30	
		1	49	20.72	20.72	20.49	21.29	21.35	22.30	
		25	0	20.32	20.44	20.55	20.75	20.62	21.30	
		25	13	20.37	20.58	20.55	20.59	20.73	21.30	
15MHz		QPSK	25	25	20.35	20.42	20.52	20.60	20.77	21.30
			50	0	20.55	20.64	20.79	20.79	20.60	21.30
			1	0	23.43	23.51	23.65	23.52	23.57	24.30
			1	38	23.45	23.52	23.53	23.54	23.57	24.30
	1		74	23.33	23.4	23.45	23.55	23.51	24.30	
	36		0	22.41	22.59	22.66	22.59	22.6	23.30	
	16QAM	36	18	22.63	22.62	22.65	22.72	22.67	23.30	
		36	39	22.5	22.65	22.62	22.53	22.6	23.30	
		75	0	22.57	22.65	22.58	22.51	22.62	23.30	
		1	0	22.46	22.6	22.88	22.82	22.71	23.30	
		1	38	22.64	22.68	22.79	22.89	23.26	23.30	
		1	74	22.6	22.55	22.66	22.68	22.93	23.30	
		36	0	21.5	21.57	21.61	21.68	21.71	22.30	
		36	18	21.49	21.67	21.7	21.69	21.68	22.30	
		36	39	21.5	21.65	21.67	21.58	21.59	22.30	
		75	0	21.59	21.66	21.73	21.55	21.68	22.30	

		1	0	20.88	21.03	21.43	21.22	21.68	22.30	
		1	38	20.75	21.40	21.25	21.34	21.55	22.30	
		1	74	20.71	20.75	20.53	21.28	21.35	22.30	
	64QAM	36	0	20.31	20.48	20.59	20.79	20.71	21.30	
		36	18	20.33	20.64	20.56	20.54	20.73	21.30	
		36	39	20.35	20.40	20.53	20.63	20.72	21.30	
		75	0	20.57	20.61	20.78	20.82	20.66	21.30	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				39750	40185	40620	41055	41490		
<b>20MHz</b>	QPSK	1	0	23.4	23.48	23.6	23.53	23.58	24.30	
		1	50	23.48	23.47	23.53	23.53	23.54	24.30	
		1	99	23.37	23.41	23.45	23.59	23.53	24.30	
		50	0	22.45	22.6	22.61	22.63	22.65	23.30	
		50	25	22.58	22.66	22.69	22.67	22.66	23.30	
		50	50	22.5	22.61	22.57	22.53	22.58	23.30	
	16QAM	100	0	22.52	22.61	22.61	22.55	22.67	23.30	
		1	0	22.5	22.6	22.83	22.82	22.71	23.30	
		1	50	22.64	22.72	22.77	22.91	23.24	23.30	
		1	99	22.55	22.55	22.63	22.66	22.98	23.30	
		50	0	21.46	21.59	21.58	21.64	21.69	22.30	
		50	25	21.53	21.7	21.69	21.71	21.72	22.30	
	64QAM	50	50	21.48	21.61	21.62	21.62	21.6	22.30	
		100	0	21.58	21.66	21.71	21.58	21.7	22.30	
		1	0	20.9	21.05	21.39	21.24	21.72	22.30	
		1	50	20.75	21.36	21.21	21.39	21.54	22.30	
		1	99	20.73	20.77	20.48	21.32	21.38	22.30	
		50	0	20.31	20.45	20.57	20.8	20.66	21.30	
			50	25	20.37	20.59	20.57	20.56	20.72	21.30
			50	50	20.3	20.45	20.56	20.63	20.77	21.30
			100	0	20.53	20.59	20.82	20.81	20.64	21.30

LTE Band 41 DSI 4				Conducted Power(dBm)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up			
				39675	40148	40620	41093	41565				
5MHz	QPSK	1	0	22.13	22.16	22.24	22.17	22.1	23.30			
		1	13	22.37	22.37	22.33	22.37	22.21	23.30			
		1	24	21.46	21.5	21.54	21.41	21.71	23.30			
		12	0	22.29	22.34	22.36	22.36	22.5	23.30			
		12	6	22.24	22.33	22.42	22.34	22.44	23.30			
		12	13	21.9	22.02	21.91	22.02	22.02	23.30			
	16QAM	25	0	22.19	22.28	22.14	22.33	22.44	23.30			
		1	0	21.8	21.88	22.13	21.93	22.37	23.30			
		1	13	22.32	22.4	22.39	22.63	22.64	23.30			
		1	24	21.59	22.04	21.53	22.08	22.04	23.30			
		12	0	21.34	21.52	21.62	21.54	21.58	22.30			
		12	6	21.33	21.63	21.67	21.57	21.61	22.30			
	64QAM	12	13	21.16	21.18	21.25	21.18	21.23	22.30			
		25	0	21.4	21.44	21.5	21.6	21.46	22.30			
		1	0	20.86	21.07	21.37	21.24	21.71	22.30			
		1	13	20.75	21.40	21.17	21.34	21.53	22.30			
		1	24	20.74	20.72	20.53	21.30	21.36	22.30			
		12	0	20.26	20.48	20.55	20.77	20.71	21.30			
	5MHz	64QAM	12	6	20.42	20.57	20.58	20.61	20.76	21.30		
			12	13	20.28	20.49	20.59	20.59	20.73	21.30		
			25	0	20.52	20.63	20.86	20.76	20.64	21.30		
			Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
			10MHz	QPSK	39700	40160	40620	41080	41540			
					1	0	22.12	22.16	22.21	22.15	22.04	23.30
1	25	22.33			22.36	22.34	22.34	22.19	23.30			
1	49	21.45			21.47	21.48	21.46	21.72	23.30			
25	0	22.36			22.41	22.34	22.34	22.5	23.30			
25	13	22.21			22.4	22.45	22.38	22.43	23.30			
16QAM	25	25		21.86	22.07	21.99	22.03	22.04	23.30			
	50	0		22.11	22.23	22.05	22.36	22.38	23.30			
	1	0		21.83	21.92	22.13	21.98	22.33	23.30			
	1	25		22.28	22.37	22.39	22.64	22.65	23.30			
	1	49		21.57	22.01	21.56	22.09	22.1	23.30			
	25	0		21.39	21.54	21.63	21.51	21.64	22.30			
64QAM	25	13		21.4	21.62	21.7	21.62	21.58	22.30			
	25	25		21.15	21.19	21.22	21.17	21.18	22.30			
	50	0		21.34	21.49	21.41	21.57	21.48	22.30			
	1	0		20.85	21.05	21.36	21.25	21.77	22.30			
	1	25		20.70	21.33	21.18	21.37	21.59	22.30			
	1	49		20.76	20.72	20.49	21.32	21.33	22.30			
10MHz	64QAM	25		0	20.32	20.43	20.57	20.83	20.66	21.30		
		25		13	20.39	20.58	20.62	20.52	20.75	21.30		
		25		25	20.32	20.49	20.61	20.65	20.82	21.30		
		50		0	20.51	20.56	20.78	20.79	20.59	21.30		
		Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
		15MHz		QPSK	39725	40173	40620	41068	41515			
1	0		22.08		22.17	22.24	22.15	22.07	23.30			
1	38		22.35		22.32	22.38	22.34	22.24	23.30			
1	74		21.48		21.49	21.49	21.46	21.7	23.30			
36	0		22.32		22.37	22.31	22.34	22.48	23.30			
36	18		22.2		22.36	22.45	22.37	22.41	23.30			
16QAM	36		39	21.87	22.02	21.94	21.99	22.05	23.30			
	75		0	22.14	22.27	22.1	22.38	22.42	23.30			
	1		0	21.81	21.92	22.12	21.97	22.33	23.30			
	1		38	22.27	22.41	22.43	22.59	22.65	23.30			
	1		74	21.56	22.06	21.58	22.04	22.07	23.30			
	36		0	21.38	21.5	21.62	21.56	21.6	22.30			
15MHz	16QAM		36	18	21.37	21.61	21.68	21.59	21.63	22.30		
			36	39	21.13	21.16	21.25	21.14	21.19	22.30		
			75	0	21.35	21.45	21.46	21.58	21.5	22.30		

		1	0	20.91	21.00	21.37	21.24	21.71	22.30	
		1	38	20.78	21.38	21.23	21.43	21.50	22.30	
		1	74	20.74	20.80	20.51	21.33	21.41	22.30	
	64QAM	36	0	20.32	20.48	20.60	20.76	20.68	21.30	
		36	18	20.40	20.63	20.60	20.61	20.68	21.30	
		36	39	20.34	20.45	20.52	20.67	20.73	21.30	
		75	0	20.52	20.64	20.84	20.80	20.60	21.30	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				39750	40185	40620	41055	41490		
<b>20MHz</b>	QPSK	1	0	22.23	22.34	22.37	22.37	22.48	23.30	
		1	50	22.34	22.42	22.43	22.43	22.45	23.30	
		1	99	22.18	22.32	22.31	22.38	22.4	23.30	
		50	0	22.34	22.39	22.45	22.46	22.48	23.30	
		50	25	22.4	22.52	22.53	22.56	22.52	23.30	
		50	50	22.3	22.41	22.4	22.43	22.38	23.30	
			100	0	22.36	22.46	22.48	22.39	22.49	23.30
	16QAM	1	0	22.41	22.47	22.54	22.74	22.59	23.30	
		1	50	22.5	22.54	22.61	22.59	22.77	23.30	
		1	99	22.31	22.45	22.36	22.47	22.79	23.30	
		50	0	21.51	21.61	21.66	21.68	21.74	22.30	
		50	25	21.63	21.72	21.74	21.74	21.77	22.30	
		50	50	21.53	21.65	21.64	21.66	21.68	22.30	
			100	0	21.59	21.7	21.72	21.68	21.76	22.30
	64QAM	1	0	20.95	21.06	21.37	21.28	21.71	22.30	
		1	50	20.72	21.36	21.24	21.43	21.52	22.30	
		1	99	20.76	20.76	20.51	21.30	21.39	22.30	
		50	0	20.32	20.48	20.54	20.75	20.64	21.30	
		50	25	20.37	20.54	20.54	20.57	20.72	21.30	
		50	50	20.34	20.41	20.53	20.65	20.81	21.30	
			100	0	20.58	20.64	20.80	20.79	20.63	21.30

LTE Band 41 DSI 5/6				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	21.24	21.37	21.39	21.35	21.61	22.30	
		1	13	21.45	21.41	21.49	21.47	21.48	22.30	
		1	24	21.36	21.41	21.44	21.4	21.46	22.30	
		12	0	21.37	21.36	21.5	21.52	21.54	22.30	
		12	6	21.41	21.57	21.62	21.54	21.59	22.30	
		12	13	21.38	21.4	21.41	21.51	21.45	22.30	
	16QAM	25	0	21.36	21.46	21.53	21.43	21.62	22.30	
		1	0	21.37	21.57	21.63	21.56	21.62	22.30	
		1	13	21.53	21.62	21.72	21.67	21.69	22.30	
		1	24	21.3	21.5	21.49	21.56	21.47	22.30	
		12	0	21.29	21.51	21.44	21.6	21.58	22.30	
		12	6	21.39	21.6	21.6	21.66	21.62	22.30	
	64QAM	12	13	21.32	21.52	21.41	21.55	21.44	22.30	
		25	0	21.5	21.58	21.55	21.5	21.59	22.30	
		1	0	20.93	21.06	21.38	21.26	21.70	22.30	
		1	13	20.76	21.36	21.25	21.40	21.56	22.30	
		1	24	20.74	20.77	20.51	21.34	21.34	22.30	
		12	0	20.34	20.46	20.52	20.82	20.70	21.30	
	10MHz	QPSK	12	6	20.41	20.60	20.62	20.53	20.74	21.30
			12	13	20.29	20.49	20.56	20.58	20.78	21.30
			12	13	20.29	20.49	20.56	20.58	20.78	21.30
			25	0	20.53	20.55	20.78	20.83	20.62	21.30
			1	0	21.3	21.38	21.48	21.34	21.53	22.30
			1	25	21.44	21.48	21.49	21.55	21.52	22.30
16QAM		1	49	21.35	21.35	21.38	21.39	21.48	22.30	
		25	0	21.38	21.45	21.42	21.47	21.5	22.30	
		25	13	21.39	21.6	21.6	21.63	21.54	22.30	
		25	25	21.34	21.42	21.42	21.45	21.36	22.30	
		50	0	21.34	21.54	21.52	21.46	21.55	22.30	
		1	0	21.33	21.55	21.64	21.54	21.68	22.30	
64QAM	1	25	21.54	21.69	21.72	21.62	21.69	22.30		
	1	49	21.36	21.5	21.42	21.51	21.49	22.30		
	25	0	21.37	21.42	21.49	21.6	21.6	22.30		
	25	13	21.39	21.53	21.57	21.64	21.63	22.30		
	25	25	21.39	21.48	21.46	21.51	21.51	22.30		
	50	0	21.45	21.6	21.53	21.41	21.59	22.30		
15MHz	QPSK	1	0	20.93	21.02	21.36	21.29	21.77	22.30	
		1	25	20.78	21.37	21.25	21.44	21.57	22.30	
		1	49	20.71	20.77	20.52	21.36	21.39	22.30	
		25	0	20.29	20.49	20.60	20.75	20.64	21.30	
		25	13	20.38	20.57	20.61	20.55	20.77	21.30	
		25	25	20.27	20.44	20.59	20.63	20.82	21.30	
	16QAM	50	0	20.49	20.60	20.81	20.78	20.59	21.30	
		1	0	21.26	21.38	21.45	21.35	21.51	22.30	
		1	38	21.41	21.47	21.48	21.48	21.5	22.30	
		1	74	21.38	21.42	21.43	21.44	21.46	22.30	
		36	0	21.41	21.36	21.47	21.56	21.56	22.30	
		36	18	21.48	21.56	21.64	21.53	21.57	22.30	
16QAM	36	39	21.31	21.42	21.42	21.52	21.45	22.30		
	75	0	21.37	21.46	21.57	21.51	21.6	22.30		
	1	0	21.35	21.5	21.59	21.53	21.63	22.30		
	1	38	21.6	21.68	21.7	21.62	21.74	22.30		
	1	74	21.29	21.49	21.49	21.54	21.55	22.30		
	36	0	21.34	21.46	21.49	21.6	21.61	22.30		
15MHz	16QAM	36	18	21.41	21.62	21.58	21.58	21.61	22.30	
		36	39	21.37	21.44	21.46	21.47	21.51	22.30	
		75	0	21.44	21.6	21.54	21.45	21.54	22.30	

		1	0	20.94	21.02	21.43	21.29	21.67	22.30
		1	38	20.70	21.40	21.26	21.41	21.51	22.30
		1	74	20.71	20.74	20.50	21.35	21.42	22.30
	64QAM	36	0	20.30	20.44	20.53	20.80	20.62	21.30
		36	18	20.40	20.63	20.61	20.58	20.71	21.30
		36	39	20.33	20.49	20.51	20.62	20.81	21.30
		75	0	20.49	20.58	20.78	20.78	20.69	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.25	21.39	21.44	21.36	21.56	22.30
		1	50	21.42	21.46	21.48	21.5	21.51	22.30
		1	99	21.33	21.37	21.39	21.42	21.45	22.30
		50	0	21.36	21.41	21.46	21.51	21.55	22.30
		50	25	21.43	21.57	21.59	21.58	21.57	22.30
		50	50	21.35	21.44	21.45	21.47	21.41	22.30
		100	0	21.38	21.5	21.52	21.47	21.58	22.30
	16QAM	1	0	21.37	21.53	21.61	21.54	21.63	22.30
		1	50	21.58	21.64	21.74	21.65	21.71	22.30
		1	99	21.31	21.51	21.47	21.54	21.5	22.30
		50	0	21.34	21.46	21.47	21.55	21.59	22.30
		50	25	21.44	21.57	21.59	21.62	21.62	22.30
		50	50	21.37	21.48	21.45	21.5	21.48	22.30
		100	0	21.47	21.55	21.54	21.46	21.59	22.30
	64QAM	1	0	20.87	21.02	21.39	21.25	21.77	22.30
		1	50	20.75	21.35	21.24	21.37	21.55	22.30
		1	99	20.70	20.80	20.49	21.36	21.37	22.30
		50	0	20.36	20.44	20.59	20.79	20.61	21.30
		50	25	20.38	20.54	20.56	20.57	20.67	21.30
		50	50	20.32	20.44	20.53	20.61	20.82	21.30
		100	0	20.57	20.60	20.83	20.85	20.69	21.30

LTE Band 66 DSI 2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.13	23.05	23.05	24.00
		1	2	23.11	23.17	23.19	24.00
		1	5	23.08	23.00	22.90	24.00
		3	0	23.03	23.09	23.15	24.00
		3	1	22.99	23.04	23.05	24.00
		3	3	22.89	22.95	23.02	24.00
	16QAM	6	0	22.04	22.00	21.96	23.00
		1	0	21.92	22.01	22.09	23.00
		1	2	22.01	22.05	22.11	23.00
		1	5	22.13	22.14	22.19	23.00
		3	0	22.10	22.08	21.98	23.00
		3	1	21.98	22.06	22.06	23.00
	64QAM	3	3	22.10	22.14	22.13	23.00
		6	0	21.01	21.00	21.02	22.00
		1	0	21.63	21.56	21.65	22.00
		1	2	21.64	21.67	21.54	22.00
		1	5	21.65	21.58	21.57	22.00
		3	0	21.51	21.60	21.54	22.00
3MHz	QPSK	3	1	21.53	21.63	21.53	22.00
		3	3	21.46	21.65	21.61	22.00
		6	0	20.51	20.56	20.64	21.00
		1	0	22.42	22.49	22.39	24.00
		1	7	22.76	22.77	22.51	24.00
		1	14	22.40	22.92	22.93	24.00
5MHz	QPSK	8	0	21.29	21.63	21.48	23.00
		8	4	21.45	21.61	21.61	23.00
		8	7	21.54	21.45	21.28	23.00
		15	0	21.34	21.56	21.50	23.00
		1	0	21.14	21.28	21.25	23.00
	16QAM	1	7	21.36	21.51	21.47	23.00
		1	14	21.46	21.56	21.65	23.00
		8	0	20.44	20.63	20.35	22.00
		8	4	20.43	20.80	20.83	22.00
		8	7	20.64	20.40	20.43	22.00
	64QAM	15	0	20.53	20.52	20.56	22.00
		1	0	21.05	20.83	20.95	22.00
		1	7	21.07	20.49	21.48	22.00
		1	14	21.49	20.02	20.37	22.00
		8	0	19.85	19.90	19.98	21.00
1.4MHz	QPSK	8	4	20.29	19.41	20.15	21.00
		8	7	20.18	19.59	19.72	21.00
		15	0	20.25	19.75	20.09	21.00
		1	0	22.41	22.36	22.37	24.00
		1	13	22.68	22.68	22.63	24.00
		1	24	22.51	22.91	22.87	24.00
	16QAM	12	0	21.33	21.50	21.41	23.00
		12	6	21.42	21.68	21.74	23.00
		12	13	21.39	21.55	21.32	23.00
		25	0	21.47	21.47	21.53	23.00
		1	0	21.20	21.30	21.27	23.00
		1	13	21.47	21.48	21.58	23.00
64QAM	1	24	21.44	21.60	21.85	23.00	
	12	0	20.42	20.48	20.34	22.00	
	12	6	20.52	20.70	20.77	22.00	
	12	13	20.59	20.37	20.35	22.00	
	25	0	20.58	20.39	20.54	22.00	
	1	0	20.95	20.85	20.79	22.00	
3MHz	QPSK	1	13	21.06	20.60	21.37	22.00
		1	24	21.58	20.15	20.31	22.00
		12	0	19.95	19.88	19.81	21.00
	16QAM	12	6	20.33	19.57	19.96	21.00
		12	13	20.24	19.67	19.72	21.00
		25	0	20.23	19.67	19.99	21.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	22.36	22.54	22.37	24.00
		1	25	22.82	22.72	22.64	24.00
		1	49	22.51	22.89	22.92	24.00
		25	0	21.22	21.46	21.51	23.00
		25	13	21.34	21.72	21.61	23.00
		25	25	21.57	21.51	21.32	23.00
	16QAM	50	0	21.47	21.64	21.60	23.00
		1	0	21.17	21.21	21.24	23.00
		1	25	21.40	21.46	21.51	23.00
		1	49	21.45	21.48	21.75	23.00
		25	0	20.48	20.66	20.29	22.00
		25	13	20.41	20.61	20.67	22.00
	64QAM	25	25	20.66	20.50	20.51	22.00
		50	0	20.63	20.41	20.54	22.00
		1	0	20.91	20.93	20.92	22.00
		1	25	21.20	20.48	21.47	22.00
		1	49	21.55	20.03	20.38	22.00
		25	0	19.94	19.93	19.85	21.00
15MHz	QPSK	25	13	20.20	19.42	20.11	21.00
		25	25	20.12	19.57	19.85	21.00
		50	0	20.17	19.77	20.02	21.00
		1	0	22.41	22.51	22.38	24.00
		1	38	22.76	22.74	22.65	24.00
		1	74	22.42	22.80	22.76	24.00
	16QAM	36	0	21.24	21.52	21.34	23.00
		36	18	21.36	21.78	21.63	23.00
		36	39	21.44	21.49	21.39	23.00
		75	0	21.43	21.60	21.59	23.00
		1	0	21.10	21.31	21.31	23.00
		1	38	21.43	21.46	21.41	23.00
	64QAM	1	74	21.58	21.48	21.79	23.00
		36	0	20.38	20.54	20.38	22.00
		36	18	20.42	20.70	20.71	22.00
		36	39	20.64	20.36	20.33	22.00
		75	0	20.58	20.40	20.65	22.00
		1	0	21.06	20.82	20.84	22.00
20MHz	QPSK	1	38	21.12	20.60	21.43	22.00
		1	74	21.48	20.13	20.29	22.00
		36	0	19.81	20.00	19.89	21.00
		36	18	20.21	19.51	20.14	21.00
		36	39	20.21	19.66	19.84	21.00
		75	0	20.31	19.79	19.95	21.00
	16QAM	1	0	22.41	22.45	22.43	24.00
		1	50	22.73	22.74	22.59	24.00
		1	99	22.49	22.86	22.84	24.00
		50	0	21.29	21.55	21.44	23.00
		50	25	21.43	21.69	21.65	23.00
		50	50	21.48	21.50	21.34	23.00
	64QAM	100	0	21.41	21.57	21.58	23.00
		1	0	21.13	21.22	21.28	23.00
		1	50	21.43	21.50	21.50	23.00
		1	99	21.51	21.55	21.75	23.00
		50	0	20.47	20.57	20.39	22.00
		50	25	20.45	20.70	20.75	22.00
20MHz	16QAM	50	50	20.60	20.46	20.41	22.00
		100	0	20.55	20.48	20.62	22.00
		1	0	21.00	20.89	20.86	22.00
		1	50	21.12	20.50	21.46	22.00
		1	99	21.53	20.12	20.30	22.00
		50	0	19.89	19.92	19.90	21.00
	64QAM	50	25	20.24	19.47	20.06	21.00
		50	50	20.19	19.59	19.82	21.00
		100	0	20.21	19.74	20.03	21.00
		100	0	20.21	19.74	20.03	21.00

LTE Band 66 DSI 4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	19.30	19.37	19.41	20.50	
		1	2	19.72	19.60	19.70	20.50	
		1	5	19.71	19.76	19.78	20.50	
		3	0	19.39	19.51	19.45	20.50	
		3	1	19.59	19.74	19.71	20.50	
		3	3	19.65	19.42	19.52	20.50	
	16QAM	6	0	19.54	19.66	19.70	20.50	
		1	0	19.30	19.35	19.21	20.50	
		1	2	19.58	19.67	19.62	20.50	
		1	5	19.51	19.70	19.85	20.50	
		3	0	19.29	19.40	19.47	20.50	
		3	1	19.42	19.62	19.60	20.50	
	64QAM	3	3	19.57	19.59	19.35	20.50	
		6	0	19.49	19.59	19.59	20.50	
		1	0	19.11	19.47	19.34	20.50	
		1	2	19.73	19.59	19.64	20.50	
		1	5	19.39	19.48	19.76	20.50	
		3	0	19.43	19.45	19.26	20.50	
	3MHz	QPSK	3	1	19.46	19.72	19.55	20.50
			3	3	19.55	19.55	19.38	20.50
			6	0	19.44	19.68	19.43	20.50
			1	0	19.38	19.32	19.38	20.50
			1	7	19.73	19.63	19.55	20.50
			1	14	19.55	19.86	19.77	20.50
16QAM		8	0	19.49	19.51	19.43	20.50	
		8	4	19.54	19.67	19.63	20.50	
		8	7	19.55	19.60	19.51	20.50	
		15	0	19.65	19.55	19.78	20.50	
		1	0	19.35	19.34	19.24	20.50	
		1	7	19.67	19.55	19.55	20.50	
64QAM		1	14	19.54	19.59	19.86	20.50	
		8	0	19.39	19.43	19.37	20.50	
		8	4	19.43	19.75	19.51	20.50	
		8	7	19.54	19.45	19.46	20.50	
		15	0	19.43	19.51	19.66	20.50	
		1	0	19.09	19.47	19.40	20.50	
5MHz		QPSK	1	7	19.70	19.68	19.65	20.50
			1	14	19.49	19.61	19.64	20.50
			8	0	19.36	19.57	19.39	20.50
			8	4	19.59	19.80	19.52	20.50
			8	7	19.44	19.51	19.37	20.50
			15	0	19.54	19.64	19.45	20.50
	16QAM	1	0	19.35	19.39	19.34	20.50	
		1	13	19.71	19.68	19.65	20.50	
		1	24	19.70	19.77	19.75	20.50	
		12	0	19.46	19.50	19.44	20.50	
		12	6	19.48	19.70	19.63	20.50	
		12	13	19.62	19.61	19.38	20.50	
	64QAM	25	0	19.52	19.67	19.60	20.50	
		1	0	19.28	19.35	19.22	20.50	
		1	13	19.61	19.63	19.45	20.50	
		1	24	19.60	19.53	19.74	20.50	
		12	0	19.25	19.41	19.37	20.50	
		12	6	19.53	19.77	19.67	20.50	
	64QAM	12	13	19.56	19.56	19.38	20.50	
		25	0	19.56	19.45	19.57	20.50	
		1	0	19.19	19.33	19.27	20.50	
		1	13	19.69	19.62	19.66	20.50	
		1	24	19.46	19.54	19.71	20.50	
		12	0	19.37	19.41	19.43	20.50	
12		6	19.55	19.75	19.61	20.50		
12		13	19.43	19.56	19.41	20.50		
25		0	19.47	19.50	19.45	20.50		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.39	19.31	19.28	20.50
		1	25	19.68	19.73	19.61	20.50
		1	49	19.60	19.76	19.83	20.50
		25	0	19.47	19.49	19.44	20.50
		25	13	19.52	19.76	19.66	20.50
		25	25	19.65	19.42	19.44	20.50
	16QAM	50	0	19.49	19.61	19.71	20.50
		1	0	19.23	19.40	19.33	20.50
		1	25	19.58	19.59	19.57	20.50
		1	49	19.61	19.68	19.79	20.50
		25	0	19.36	19.43	19.48	20.50
		25	13	19.44	19.60	19.60	20.50
	64QAM	25	25	19.51	19.44	19.50	20.50
		50	0	19.56	19.48	19.70	20.50
		1	0	19.22	19.39	19.32	20.50
		1	25	19.64	19.51	19.47	20.50
		1	49	19.43	19.44	19.77	20.50
		25	0	19.40	19.59	19.44	20.50
15MHz	QPSK	25	13	19.44	19.73	19.58	20.50
		25	25	19.53	19.50	19.56	20.50
		50	0	19.43	19.51	19.54	20.50
		1	0	19.41	19.40	19.24	20.50
		1	38	19.58	19.74	19.56	20.50
		1	74	19.60	19.74	19.69	20.50
	16QAM	36	0	19.45	19.49	19.47	20.50
		36	18	19.55	19.61	19.70	20.50
		36	39	19.58	19.48	19.45	20.50
		75	0	19.51	19.60	19.61	20.50
		1	0	19.25	19.35	19.27	20.50
		1	38	19.50	19.65	19.55	20.50
	64QAM	1	74	19.52	19.64	19.70	20.50
		36	0	19.40	19.51	19.38	20.50
		36	18	19.56	19.59	19.58	20.50
		36	39	19.45	19.55	19.39	20.50
		75	0	19.51	19.57	19.57	20.50
		1	0	19.17	19.44	19.42	20.50
20MHz	QPSK	1	38	19.64	19.51	19.56	20.50
		1	74	19.39	19.45	19.77	20.50
		36	0	19.35	19.55	19.30	20.50
		36	18	19.56	19.70	19.54	20.50
		36	39	19.57	19.48	19.48	20.50
		75	0	19.63	19.49	19.58	20.50
	16QAM	1	0	19.39	19.34	19.34	20.50
		1	50	19.64	19.64	19.64	20.50
		1	99	19.62	19.78	19.76	20.50
		50	0	19.43	19.55	19.43	20.50
		50	25	19.57	19.71	19.70	20.50
		100	0	19.56	19.57	19.70	20.50
	64QAM	1	0	19.28	19.33	19.30	20.50
		1	50	19.58	19.59	19.53	20.50
		1	99	19.53	19.62	19.77	20.50
		50	0	19.35	19.45	19.40	20.50
		50	25	19.51	19.67	19.61	20.50
		100	0	19.48	19.49	19.40	20.50
20MHz	QPSK	100	0	19.53	19.52	19.63	20.50
		1	0	19.18	19.38	19.35	20.50
		1	50	19.68	19.58	19.56	20.50
		1	99	19.47	19.53	19.67	20.50
		50	0	19.38	19.49	19.35	20.50
		50	25	19.52	19.73	19.55	20.50
	64QAM	50	50	19.53	19.55	19.47	20.50
		100	0	19.53	19.59	19.53	20.50

LTE Band 66 DSI 5/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	18.98	18.85	18.95	20.00
		1	2	19.14	19.12	19.19	20.00
		1	5	19.15	19.38	19.40	20.00
		3	0	18.98	19.12	18.96	20.00
		3	1	19.29	19.41	19.34	20.00
		3	3	19.26	19.11	18.89	20.00
	16QAM	6	0	19.29	19.21	19.27	20.00
		1	0	18.72	18.95	18.75	20.00
		1	2	19.20	19.20	19.07	20.00
		1	5	19.18	19.28	19.31	20.00
		3	0	18.80	19.10	18.96	20.00
		3	1	19.08	19.25	19.30	20.00
	64QAM	3	3	19.14	19.21	18.87	20.00
		6	0	19.14	19.14	19.26	20.00
		1	0	18.75	18.92	19.05	20.00
		1	2	19.33	19.08	19.13	20.00
		1	5	19.01	19.12	19.36	20.00
		3	0	18.82	18.99	19.06	20.00
		3	1	19.05	19.35	19.13	20.00
		3	3	19.18	19.07	18.90	20.00
		6	0	18.90	18.95	19.20	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	18.90	18.95	18.90	20.00
		1	7	19.15	19.15	19.21	20.00
		1	14	19.27	19.36	19.40	20.00
		8	0	19.01	19.17	19.05	20.00
		8	4	19.29	19.22	19.30	20.00
		8	7	19.25	19.11	18.90	20.00
	16QAM	15	0	19.28	19.14	19.14	20.00
		1	0	18.89	18.87	18.90	20.00
		1	7	19.26	19.19	19.12	20.00
		1	14	19.08	19.17	19.36	20.00
		8	0	18.79	19.00	18.96	20.00
		8	4	19.14	19.23	19.20	20.00
	64QAM	8	7	19.00	19.15	18.96	20.00
		15	0	18.99	19.10	19.17	20.00
		1	0	18.81	18.87	19.04	20.00
		1	7	19.19	19.02	19.13	20.00
		1	14	19.07	19.14	19.35	20.00
		8	0	18.95	19.16	18.93	20.00
		8	4	18.86	19.25	19.29	20.00
		8	7	19.17	19.22	18.82	20.00
		15	0	18.91	19.06	19.26	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	18.97	18.89	18.95	20.00
		1	13	19.19	19.25	19.15	20.00
		1	24	19.18	19.37	19.32	20.00
		12	0	18.91	19.18	18.93	20.00
		12	6	19.28	19.33	19.34	20.00
		12	13	19.22	19.12	19.06	20.00
	16QAM	25	0	19.12	19.19	19.19	20.00
		1	0	18.82	18.99	18.77	20.00
		1	13	19.26	19.29	19.04	20.00
		1	24	19.13	19.26	19.36	20.00
		12	0	18.87	19.11	18.99	20.00
		12	6	19.11	19.29	19.15	20.00
	64QAM	12	13	19.11	19.11	18.98	20.00
		25	0	19.13	19.15	19.23	20.00
		1	0	18.85	18.92	18.97	20.00
		1	13	19.30	19.21	19.17	20.00
		1	24	18.96	19.29	19.36	20.00
		12	0	18.91	19.16	18.90	20.00
		12	6	18.89	19.19	19.29	20.00
		12	13	19.08	19.19	18.93	20.00
		25	0	18.92	19.11	19.27	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.09	18.98	19.05	20.00
		1	25	19.19	19.13	19.17	20.00
		1	49	19.15	19.34	19.32	20.00
		25	0	18.99	19.13	18.95	20.00
		25	13	19.23	19.42	19.35	20.00
		25	25	19.27	18.97	18.99	20.00
	16QAM	50	0	19.15	19.21	19.34	20.00
		1	0	18.89	19.01	18.86	20.00
		1	25	19.31	19.30	18.99	20.00
		1	49	19.06	19.10	19.29	20.00
		25	0	18.93	19.02	19.06	20.00
		25	13	19.08	19.21	19.27	20.00
	64QAM	25	25	19.01	19.07	18.94	20.00
		50	0	19.14	19.16	19.12	20.00
		1	0	18.74	18.84	18.87	20.00
		1	25	19.16	19.11	19.14	20.00
		1	49	19.07	19.22	19.41	20.00
		25	0	18.81	19.07	19.02	20.00
15MHz	QPSK	25	13	18.99	19.24	19.25	20.00
		25	25	18.99	19.11	18.81	20.00
		50	0	18.91	19.12	19.23	20.00
		1	0	18.94	19.00	18.96	20.00
		1	38	19.21	19.15	19.18	20.00
		1	74	19.20	19.32	19.29	20.00
	16QAM	36	0	18.99	19.09	19.02	20.00
		36	18	19.22	19.32	19.27	20.00
		36	39	19.15	19.11	19.05	20.00
		75	0	19.18	19.14	19.14	20.00
		1	0	18.83	19.02	18.82	20.00
		1	38	19.21	19.13	18.98	20.00
	64QAM	1	74	19.03	19.09	19.35	20.00
		36	0	18.89	19.08	19.06	20.00
		36	18	19.05	19.27	19.21	20.00
		36	39	19.03	19.14	18.95	20.00
		75	0	19.01	19.12	19.21	20.00
		1	0	18.93	18.81	18.86	20.00
20MHz	QPSK	1	38	19.23	19.20	19.04	20.00
		1	74	19.02	19.12	19.48	20.00
		36	0	18.85	19.15	18.95	20.00
		36	18	18.88	19.27	19.24	20.00
		36	39	19.16	19.06	18.88	20.00
		75	0	18.95	19.12	19.18	20.00
	16QAM	1	0	18.79	18.92	18.85	20.00
		1	50	19.21	19.21	19.06	20.00
		1	99	19.10	19.18	19.32	20.00
		50	0	18.86	19.07	18.98	20.00
		50	25	19.05	19.31	19.25	20.00
		50	50	19.10	19.13	18.94	20.00
	64QAM	100	0	19.04	19.06	19.16	20.00
		1	0	18.83	18.88	18.95	20.00
		1	50	19.24	19.11	19.10	20.00
		1	99	19.04	19.20	19.39	20.00
		50	0	18.89	19.08	18.99	20.00
		50	25	18.96	19.27	19.21	20.00
10MHz	QPSK	50	50	19.08	19.15	18.88	20.00
		100	0	18.98	19.04	19.20	20.00

### 3 Conducted Power of Intra Band LTE Uplink CA

#### 3.1 Conducted Power of LTE Uplink CA (Ant13)

Combination	Modulation	PCC					SCC					DSI 4		DSI 5/6		DSI 7		
		Band	BW (MHz)	UL Channel	UL#	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL#	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	18.73	20.00	17.86	19.00	21.32	22.50
CA_7C	QPSK	7	20	21100	1	99	3100	7	20	21298	1	0	18.69	20.00	17.81	19.00	21.31	22.50
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	1	99	18.72	20.00	17.85	19.00	21.03	22.50
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	1	99	18.68	20.00	17.74	19.00	21.12	22.50

Combination	Modulation	PCC					SCC					DSI 4		DSI 5/6		DSI 7		
		Band	BW (MHz)	UL Channel	UL#	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL#	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	39750	41	20	39948	1	0	19.75	21.00	18.69	20.00	21.79	23.00
CA_41C	QPSK	41	20	40185	1	99	40185	41	20	40383	1	0	19.8	21.00	18.78	20.00	21.76	23.00
CA_41C	QPSK	41	20	40620	1	99	40620	41	20	40818	1	0	19.78	21.00	18.76	20.00	21.89	23.00
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40422	1	99	19.85	21.00	18.84	20.00	21.94	23.00
CA_41C	QPSK	41	20	41055	1	0	41055	41	20	40857	1	99	19.76	21.00	18.75	20.00	21.82	23.00
CA_41C	QPSK	41	20	41490	1	0	41490	41	20	41292	1	99	19.83	21.00	18.82	20.00	21.8	23.00

### 3.2 Conducted Power of LTE Uplink CA (Ant31)

Combination	Modulation	PCC						SCC					DSI 2/3		DSI 4		DSI 5/6	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	22.54	24.50	20.14	21.50	19.25	20.50
CA_7C	QPSK	7	20	21100	1	99	3100	7	20	21298	1	0	22.66	24.50	20.16	21.50	19.2	20.50
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	1	99	22.58	24.50	20.04	21.50	19.09	20.50
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	1	99	22.67	24.50	20.17	21.50	19.15	20.50

Combination	Modulation	PCC						SCC					DSI 2/3		DSI 4		DSI 5/6	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	39750	41	20	39948	1	0	21.69	23.00	20.55	22.00	19.53	21.00
CA_41C	QPSK	41	20	40185	1	99	40185	41	20	40383	1	0	21.85	23.00	20.72	22.00	19.69	21.00
CA_41C	QPSK	41	20	40620	1	99	40620	41	20	40818	1	0	21.78	23.00	20.65	22.00	19.72	21.00
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40422	1	99	21.86	23.00	20.58	22.00	19.65	21.00
CA_41C	QPSK	41	20	41055	1	0	41055	41	20	40857	1	99	21.65	23.00	20.67	22.00	19.66	21.00
CA_41C	QPSK	41	20	41490	1	0	41490	41	20	41292	1	99	21.76	23.00	20.73	22.00	19.73	21.00

## 4 Conducted Power of LTE Downlink CA

### 4.1 Conducted Power of LTE Downlink CA (Ant13)

DSI 2														
DL LTE CA Class	PCC							SCC				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA 2A-5A	Band 5	10M	QPSK	829	20450	1	49	Band 2	20M	1960	900	19.85	20.20	21.40
CA 4A-5A	Band 5	10M	QPSK	829	20450	1	49	Band 4	20M	2120	2050	19.91	20.20	21.40
CA 5A-7A	Band 5	10M	QPSK	829	20450	1	49	Band 7	20M	2630	2850	19.78	20.20	21.40
CA 5A-38A	Band 5	10M	QPSK	829	20450	1	49	Band 38	20M	2595	38000	19.99	20.20	21.40
CA 5A-41A	Band 5	10M	QPSK	829	20450	1	49	Band 41	20M	2593	40620	20.02	20.20	21.40
CA 5A-66A	Band 5	10M	QPSK	829	20450	1	49	Band 66	20M	2120	66536	20.11	20.20	21.40
CA 7A-26A	Band 26	15M	QPSK	821.5	26765	1	74	Band 7	20M	2680	3350	20.25	20.50	21.50
CA 26A-41A	Band 26	15M	QPSK	821.5	26765	1	74	Band 41	20M	2593	40620	20.31	20.50	21.50

DSI 3														
DL LTE CA Class	PCC							SCC				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA 2A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 2	20M	1960	900	18.75	19.08	20.40
CA 4A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 4	20M	2120	2050	18.89	19.08	20.40
CA 5A-7A	Band 5	10M	QPSK	829	20450	1	0	Band 7	20M	2630	2850	19.01	19.08	20.40
CA 5A-38A	Band 5	10M	QPSK	829	20450	1	0	Band 38	20M	2595	38000	18.95	19.08	20.40
CA 5A-41A	Band 5	10M	QPSK	829	20450	1	0	Band 41	20M	2593	40620	18.88	19.08	20.40
CA 5A-66A	Band 5	10M	QPSK	829	20450	1	0	Band 66	20M	2120	66536	18.96	19.08	20.40
CA 7A-26A	Band 26	15M	QPSK	821.5	26765	1	74	Band 7	20M	2680	3350	19.03	19.29	20.50
CA 26A-41A	Band 26	15M	QPSK	821.5	26765	1	74	Band 41	20M	2593	40620	18.94	19.29	20.50

DSI 4														
DL LTE CA Class	PCC							SCC				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA 2A-5A	Band 2	20M	QPSK	1900	19100	1	50	Band 5	10M	881.5	2525	17.71	17.89	19.00
CA 4A-4A	Band 4	20M	QPSK	1720	20050	1	99	Band 4	20M	2145	2300	20.01	20.19	21.30
CA 4A-5A	Band 4	20M	QPSK	1720	20050	1	99	Band 5	10M	881.5	2525	20.12	20.19	21.30
CA 4A-7A	Band 4	20M	QPSK	1720	20050	1	99	Band 7	20M	2630	2850	19.96	20.19	21.30
CA 2A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 2	20M	1960	900	24.01	24.18	24.90
CA 4A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 4	20M	2120	2050	23.95	24.18	24.90
CA 5A-7A	Band 5	10M	QPSK	829	20450	1	0	Band 7	20M	2630	2850	23.89	24.18	24.90
CA 5A-38A	Band 5	10M	QPSK	829	20450	1	0	Band 38	20M	2595	38000	24.11	24.18	24.90
CA 5A-41A	Band 5	10M	QPSK	829	20450	1	0	Band 41	20M	2593	40620	24.05	24.18	24.90
CA 5A-66A	Band 5	10M	QPSK	829	20450	1	0	Band 66	20M	2120	66536	23.97	24.18	24.90
CA 7C	Band 7	20M	QPSK	2510	20850	1	0	Band 7	20M	2649.8	3048	19.01	19.08	20.30
CA 4A-7A	Band 7	20M	QPSK	2510	20850	1	0	Band 4	20M	2120	2050	18.89	19.08	20.30
CA 5A-7A	Band 7	20M	QPSK	2510	20850	1	0	Band 5	10M	881.5	2525	18.92	19.08	20.30
CA 7A-7A	Band 7	20M	QPSK	2510	20850	1	0	Band 7	20M	2680	3350	18.89	19.08	20.30
CA 7A-26A	Band 7	20M	QPSK	2510	20850	1	0	Band 26	15M	876.5	8865	18.95	19.08	20.30
CA 7A-26A	Band 26	15M	QPSK	831.5	26865	1	0	Band 7	20M	2680	3350	23.61	23.79	25.00
CA 26A-41A	Band 26	15M	QPSK	831.5	26865	1	0	Band 41	20M	2593	40620	23.68	23.79	25.00
CA 38C	Band 38	20M	QPSK	2580	37850	1	99	Band 38	20M	2599.8	38048	21.38	21.48	22.20
CA 5A-38A	Band 38	20M	QPSK	2580	37850	1	99	Band 5	10M	881.5	2525	21.32	21.48	22.20
CA 41C	Band 41	20M	QPSK	2506	39750	1	50	Band 41	20M	2525.8	39948	21.48	21.60	22.70
CA 5A-41A	Band 41	20M	QPSK	2593	40620	1	50	Band 5	10M	881.5	2525	21.53	21.62	22.70
CA 26A-41A	Band 41	20M	QPSK	2593	40620	1	50	Band 26	15M	876.5	8865	21.50	21.62	22.70
CA 41A-41A	Band 41	20M	QPSK	2506	39750	1	50	Band 41	20M	2680	41490	21.43	21.60	22.70
CA 66C	Band 66	20M	QPSK	1770	132572	1	99	Band 66	20M	2189.8	67234	20.59	20.65	21.50
CA 5A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 5	10M	881.5	2525	20.55	20.65	21.50
CA 66A-66A	Band 66	20M	QPSK	1720	132072	1	99	Band 66	20M	2190	67236	20.53	20.56	21.50



DSI 5														
DL LTE CA Class	PCC							SCC				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA 2A-5A	Band 2	20M	QPSK	1900	19100	1	0	Band 5	10M	881.5	2525	16.65	16.78	18.00
CA 4A-4A	Band 4	20M	QPSK	1720	20050	1	99	Band 4	20M	2145	2300	18.85	19.13	20.30
CA 4A-5A	Band 4	20M	QPSK	1720	20050	1	99	Band 5	10M	881.5	2525	19.08	19.13	20.30
CA 4A-7A	Band 4	20M	QPSK	1720	20050	1	99	Band 7	20M	2630	2850	18.97	19.13	20.30
CA 2A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 2	20M	1960	900	24.01	24.18	24.90
CA 4A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 4	20M	2120	2050	23.95	24.18	24.90
CA 5A-7A	Band 5	10M	QPSK	829	20450	1	0	Band 7	20M	2630	2850	23.89	24.18	24.90
CA 5A-38A	Band 5	10M	QPSK	829	20450	1	0	Band 38	20M	2595	38000	24.11	24.18	24.90
CA 5A-41A	Band 5	10M	QPSK	829	20450	1	0	Band 41	20M	2593	40620	24.05	24.18	24.90
CA 5A-66A	Band 5	10M	QPSK	829	20450	1	0	Band 66	20M	2120	66536	23.97	24.18	24.90
CA 7C	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2649.8	3048	18.11	18.23	19.30
CA 4A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 4	20M	2120	2050	18.20	18.23	19.30
CA 5A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 5	10M	881.5	2525	18.08	18.23	19.30
CA 7A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2680	3350	18.05	18.23	19.30
CA 7A-26A	Band 7	20M	QPSK	2510	20850	1	50	Band 26	15M	876.5	8865	18.03	18.23	19.30
CA 7A-26A	Band 26	15M	QPSK	831.5	26865	1	0	Band 7	20M	2680	3350	23.61	23.79	25.00
CA 26A-41A	Band 26	15M	QPSK	831.5	26865	1	0	Band 41	20M	2593	40620	23.68	23.79	25.00
CA 38C	Band 38	20M	QPSK	2580	37850	1	99	Band 38	20M	2599.8	38048	20.39	20.46	21.20
CA 5A-38A	Band 38	20M	QPSK	2580	37850	1	99	Band 5	10M	881.5	2525	20.41	20.46	21.20
CA 41C	Band 41	20M	QPSK	2506	39750	1	50	Band 41	20M	2525.8	39948	20.50	20.54	21.70
CA 5A-41A	Band 41	20M	QPSK	2593	40620	1	50	Band 5	10M	881.5	2525	20.51	20.65	21.70
CA 26A-41A	Band 41	20M	QPSK	2593	40620	1	50	Band 26	15M	876.5	8865	20.53	20.65	21.70
CA 41A-41A	Band 41	20M	QPSK	2506	39750	1	50	Band 41	20M	2680	41490	20.42	20.54	21.70
CA 66C	Band 66	20M	QPSK	1770	132572	1	99	Band 66	20M	2189.8	67234	19.54	19.66	20.50
CA 5A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 5	10M	881.5	2525	19.59	19.66	20.50
CA 66A-66A	Band 66	20M	QPSK	1720	132072	1	99	Band 66	20M	2190	67236	19.51	19.57	20.50

DSI 6														
DL LTE CA Class	PCC							SCC				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA 2A-5A	Band 2	20M	QPSK	1900	19100	1	0	Band 5	10M	881.5	2525	16.65	16.78	18.00
CA 4A-4A	Band 4	20M	QPSK	1720	20050	1	99	Band 4	20M	2145	2300	18.85	19.13	20.30
CA 4A-5A	Band 4	20M	QPSK	1720	20050	1	99	Band 5	10M	881.5	2525	19.08	19.13	20.30
CA 4A-7A	Band 4	20M	QPSK	1720	20050	1	99	Band 7	20M	2630	2850	18.97	19.13	20.30
CA 2A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 2	20M	1960	900	24.01	24.18	24.90
CA 4A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 4	20M	2120	2050	23.95	24.18	24.90
CA 5A-7A	Band 5	10M	QPSK	829	20450	1	0	Band 7	20M	2630	2850	23.89	24.18	24.90
CA 5A-38A	Band 5	10M	QPSK	829	20450	1	0	Band 38	20M	2595	38000	24.11	24.18	24.90
CA 5A-41A	Band 5	10M	QPSK	829	20450	1	0	Band 41	20M	2593	40620	24.05	24.18	24.90
CA 5A-66A	Band 5	10M	QPSK	829	20450	1	0	Band 66	20M	2120	66536	23.97	24.18	24.90
CA 7C	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2649.8	3048	18.11	18.23	19.30
CA 4A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 4	20M	2120	2050	18.20	18.23	19.30
CA 5A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 5	10M	881.5	2525	18.08	18.23	19.30
CA 7A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2680	3350	18.05	18.23	19.30
CA 7A-26A	Band 7	20M	QPSK	2510	20850	1	50	Band 26	15M	876.5	8865	18.03	18.23	19.30
CA 7A-26A	Band 26	15M	QPSK	831.5	26865	1	0	Band 7	20M	2680	3350	23.61	23.79	25.00
CA 26A-41A	Band 26	15M	QPSK	831.5	26865	1	0	Band 41	20M	2593	40620	23.68	23.79	25.00
CA 38C	Band 38	20M	QPSK	2580	37850	1	99	Band 38	20M	2599.8	38048	20.39	20.46	21.20
CA 5A-38A	Band 38	20M	QPSK	2580	37850	1	99	Band 5	10M	881.5	2525	20.41	20.46	21.20
CA 41C	Band 41	20M	QPSK	2506	39750	1	50	Band 41	20M	2525.8	39948	20.50	20.54	21.70
CA 5A-41A	Band 41	20M	QPSK	2593	40620	1	50	Band 5	10M	881.5	2525	20.51	20.65	21.70
CA 26A-41A	Band 41	20M	QPSK	2593	40620	1	50	Band 26	15M	876.5	8865	20.53	20.65	21.70
CA 41A-41A	Band 41	20M	QPSK	2506	39750	1	50	Band 41	20M	2680	41490	20.42	20.54	21.70
CA 66C	Band 66	20M	QPSK	1770	132572	1	99	Band 66	20M	2189.8	67234	19.54	19.66	20.50
CA 5A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 5	10M	881.5	2525	19.59	19.66	20.50
CA 66A-66A	Band 66	20M	QPSK	1720	132072	1	99	Band 66	20M	2190	67236	19.51	19.57	20.50

DL LTE CA Class	DSI 7													
	PCC							SCC				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA 2A-5A	Band 2	20M	QPSK	1900	19100	1	50	Band 5	10M	881.5	2525	21.30	21.34	22.50
CA 4A-4A	Band 4	20M	QPSK	1720	20050	1	99	Band 4	20M	2145	2300	23.48	23.67	24.80
CA 4A-5A	Band 4	20M	QPSK	1720	20050	1	99	Band 5	10M	881.5	2525	23.60	23.67	24.80
CA 4A-7A	Band 4	20M	QPSK	1720	20050	1	99	Band 7	20M	2630	2850	23.57	23.67	24.80
CA 2A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 2	20M	1960	900	24.01	24.18	24.90
CA 4A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 4	20M	2120	2050	23.95	24.18	24.90
CA 5A-7A	Band 5	10M	QPSK	829	20450	1	0	Band 7	20M	2630	2850	23.89	24.18	24.90
CA 5A-38A	Band 5	10M	QPSK	829	20450	1	0	Band 38	20M	2595	38000	24.11	24.18	24.90
CA 5A-41A	Band 5	10M	QPSK	829	20450	1	0	Band 41	20M	2593	40620	24.05	24.18	24.90
CA 5A-66A	Band 5	10M	QPSK	829	20450	1	0	Band 66	20M	2120	66536	23.97	24.18	24.90
CA 7C	Band 7	20M	QPSK	2510	20850	1	0	Band 7	20M	2649.8	3048	21.48	21.58	22.80
CA 4A-7A	Band 7	20M	QPSK	2510	20850	1	0	Band 4	20M	2120	2050	21.51	21.58	22.80
CA 5A-7A	Band 7	20M	QPSK	2510	20850	1	0	Band 5	10M	881.5	2525	21.44	21.58	22.80
CA 7A-7A	Band 7	20M	QPSK	2510	20850	1	0	Band 7	20M	2680	3350	21.56	21.58	22.80
CA 7A-26A	Band 7	20M	QPSK	2510	20850	1	0	Band 26	15M	876.5	8865	21.40	21.58	22.80
CA 7A-26A	Band 26	15M	QPSK	831.5	26865	1	0	Band 7	20M	2680	3350	23.61	23.79	25.00
CA 26A-41A	Band 26	15M	QPSK	831.5	26865	1	0	Band 41	20M	2593	40620	23.68	23.79	25.00
CA 38C	Band 38	20M	QPSK	2580	37850	1	99	Band 38	20M	2599.8	38048	22.78	22.87	23.70
CA 5A-38A	Band 38	20M	QPSK	2580	37850	1	99	Band 5	10M	881.5	2525	22.73	22.87	23.70
CA 41C	Band 41	20M	QPSK	2506	39750	1	50	Band 41	20M	2525.8	39948	23.61	23.65	24.70
CA 5A-41A	Band 41	20M	QPSK	2593	40620	1	50	Band 5	10M	881.5	2525	23.59	23.70	24.70
CA 26A-41A	Band 41	20M	QPSK	2593	40620	1	50	Band 26	15M	876.5	8865	23.63	23.70	24.70
CA 41A-41A	Band 41	20M	QPSK	2506	39750	1	50	Band 41	20M	2680	41490	23.58	23.65	24.70
CA 66C	Band 66	20M	QPSK	1770	132572	1	99	Band 66	20M	2189.8	67234	22.65	22.70	23.50
CA 5A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 5	10M	881.5	2525	22.59	22.70	23.50
CA 66A-66A	Band 66	20M	QPSK	1720	132072	1	99	Band 66	20M	2190	67236	22.46	22.50	23.50

#### 4.2 Conducted Power of LTE Downlink CA (Ant31)

DL LTE CA Class	DSI 2													
	PCC							SCC				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA 2A-5A	Band 2	20M	QPSK	1900	19100	1	50	Band 5	10M	881.5	2525	22.53	22.68	23.90
CA 4A-4A	Band 4	20M	QPSK	1745	20300	1	50	Band 4	20M	2120	2050	23.41	23.50	24.60
CA 4A-5A	Band 4	20M	QPSK	1745	20300	1	50	Band 5	10M	881.5	2525	23.38	23.50	24.60
CA 4A-7A	Band 4	20M	QPSK	1745	20300	1	50	Band 7	20M	2630	2850	23.33	23.50	24.60
CA 2A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 2	20M	1960	900	23.86	24.06	24.90
CA 4A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 4	20M	2120	2050	23.95	24.06	24.90
CA 5A-7A	Band 5	10M	QPSK	829	20450	1	0	Band 7	20M	2630	2850	23.91	24.06	24.90
CA 5A-38A	Band 5	10M	QPSK	829	20450	1	0	Band 38	20M	2595	38000	24.01	24.06	24.90
CA 5A-41A	Band 5	10M	QPSK	829	20450	1	0	Band 41	20M	2593	40620	23.90	24.06	24.90
CA 5A-66A	Band 5	10M	QPSK	829	20450	1	0	Band 66	20M	2120	66536	23.88	24.06	24.90
CA 7C	Band 7	20M	QPSK	2560	21350	1	50	Band 7	20M	2660.2	3152	23.68	23.72	24.50
CA 4A-7A	Band 7	20M	QPSK	2560	21350	1	50	Band 4	20M	2120	2050	23.60	23.72	24.50
CA 5A-7A	Band 7	20M	QPSK	2560	21350	1	50	Band 5	10M	881.5	2525	23.64	23.72	24.50
CA 7A-7A	Band 7	20M	QPSK	2560	21350	1	50	Band 7	20M	2645	3000	23.59	23.72	24.50
CA 7A-26A	Band 7	20M	QPSK	2560	21350	1	50	Band 26	15M	876.5	8865	23.66	23.72	24.50
CA 7A-26A	Band 26	15M	QPSK	831.5	26865	1	0	Band 7	20M	2680	3350	23.39	23.59	24.40
CA 26A-41A	Band 26	15M	QPSK	831.5	26865	1	0	Band 41	20M	2593	40620	23.45	23.59	24.40
CA 38C	Band 38	20M	QPSK	2610	38150	1	99	Band 38	20M	2590.2	37952	23.48	23.56	24.60
CA 5A-38A	Band 38	20M	QPSK	2610	38150	1	99	Band 5	10M	881.5	2525	23.43	23.56	24.60
CA 41C	Band 41	20M	QPSK	2680	41490	1	0	Band 41	20M	2660.2	41292	23.51	23.58	24.30
CA 5A-41A	Band 41	20M	QPSK	2680	41490	1	0	Band 5	10M	881.5	2525	23.47	23.58	24.30
CA 26A-41A	Band 41	20M	QPSK	2680	41490	1	0	Band 26	15M	876.5	8865	23.44	23.58	24.30
CA 41A-41A	Band 41	20M	QPSK	2680	41490	1	0	Band 41	20M	2506	39750	23.40	23.58	24.30
CA 66C	Band 66	20M	QPSK	1720	132072	1	50	Band 66	20M	2139.8	66734	22.60	22.73	24.00
CA 5A-66A	Band 66	20M	QPSK	1720	132072	1	50	Band 5	10M	881.5	2525	22.59	22.73	24.00
CA 66A-66A	Band 66	20M	QPSK	1720	132072	1	50	Band 66	20M	2190	67236	22.67	22.73	24.00

DSI 3														
DL LTE CA Class	PCC							SCC				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA 2A-5A	Band 2	20M	QPSK	1900	19100	1	50	Band 5	10M	881.5	2525	22.53	22.68	23.90
CA 4A-4A	Band 4	20M	QPSK	1745	20300	1	50	Band 4	20M	2120	2050	23.41	23.50	24.60
CA 4A-5A	Band 4	20M	QPSK	1745	20300	1	50	Band 5	10M	881.5	2525	23.38	23.50	24.60
CA 4A-7A	Band 4	20M	QPSK	1745	20300	1	50	Band 7	20M	2630	2850	23.33	23.50	24.60
CA 2A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 2	20M	1960	900	23.86	24.06	24.90
CA 4A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 4	20M	2120	2050	23.95	24.06	24.90
CA 5A-7A	Band 5	10M	QPSK	829	20450	1	0	Band 7	20M	2630	2850	23.91	24.06	24.90
CA 5A-38A	Band 5	10M	QPSK	829	20450	1	0	Band 38	20M	2595	38000	24.01	24.06	24.90
CA 5A-41A	Band 5	10M	QPSK	829	20450	1	0	Band 41	20M	2593	40620	23.90	24.06	24.90
CA 5A-66A	Band 5	10M	QPSK	829	20450	1	0	Band 66	20M	2120	66536	23.88	24.06	24.90
CA 7C	Band 7	20M	QPSK	2560	21350	1	50	Band 7	20M	2660.2	3152	23.68	23.72	24.50
CA 4A-7A	Band 7	20M	QPSK	2560	21350	1	50	Band 4	20M	2120	2050	23.60	23.72	24.50
CA 5A-7A	Band 7	20M	QPSK	2560	21350	1	50	Band 5	10M	881.5	2525	23.64	23.72	24.50
CA 7A-7A	Band 7	20M	QPSK	2560	21350	1	50	Band 7	20M	2645	3000	23.59	23.72	24.50
CA 7A-26A	Band 7	20M	QPSK	2560	21350	1	50	Band 26	15M	876.5	8865	23.66	23.72	24.50
CA 7A-26A	Band 26	15M	QPSK	831.5	26865	1	0	Band 7	20M	2680	3350	23.39	23.59	24.40
CA 26A-41A	Band 26	15M	QPSK	831.5	26865	1	0	Band 41	20M	2593	40620	23.45	23.59	24.40
CA 38C	Band 38	20M	QPSK	2610	38150	1	99	Band 38	20M	2590.2	37952	23.48	23.56	24.60
CA 5A-38A	Band 38	20M	QPSK	2610	38150	1	99	Band 5	10M	881.5	2525	23.43	23.56	24.60
CA 41C	Band 41	20M	QPSK	2680	41490	1	0	Band 41	20M	2660.2	41292	23.51	23.58	24.30
CA 5A-41A	Band 41	20M	QPSK	2680	41490	1	0	Band 5	10M	881.5	2525	23.47	23.58	24.30
CA 26A-41A	Band 41	20M	QPSK	2680	41490	1	0	Band 26	15M	876.5	8865	23.44	23.58	24.30
CA 41A-41A	Band 41	20M	QPSK	2680	41490	1	0	Band 41	20M	2506	39750	23.40	23.58	24.30
CA 66C	Band 66	20M	QPSK	1720	132072	1	50	Band 66	20M	2139.8	66734	22.60	22.73	24.00
CA 5A-66A	Band 66	20M	QPSK	1720	132072	1	50	Band 5	10M	881.5	2525	22.59	22.73	24.00
CA 66A-66A	Band 66	20M	QPSK	1720	132072	1	50	Band 66	20M	2190	67236	22.67	22.73	24.00

DSI 4														
DL LTE CA Class	PCC							SCC				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA 2A-5A	Band 2	20M	QPSK	1900	19100	1	50	Band 5	10M	881.5	2525	20.03	20.18	21.40
CA 4A-4A	Band 4	20M	QPSK	1745	20300	1	0	Band 4	20M	2120	2050	20.39	20.46	21.60
CA 4A-5A	Band 4	20M	QPSK	1745	20300	1	0	Band 5	10M	881.5	2525	20.41	20.46	21.60
CA 4A-7A	Band 4	20M	QPSK	1745	20300	1	0	Band 7	20M	2630	2850	20.33	20.46	21.60
CA 2A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 2	20M	1960	900	23.86	24.06	24.90
CA 4A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 4	20M	2120	2050	23.95	24.06	24.90
CA 5A-7A	Band 5	10M	QPSK	829	20450	1	0	Band 7	20M	2630	2850	23.91	24.06	24.90
CA 5A-38A	Band 5	10M	QPSK	829	20450	1	0	Band 38	20M	2595	38000	24.01	24.06	24.90
CA 5A-41A	Band 5	10M	QPSK	829	20450	1	0	Band 41	20M	2593	40620	23.90	24.06	24.90
CA 5A-66A	Band 5	10M	QPSK	829	20450	1	0	Band 66	20M	2120	66536	23.88	24.06	24.90
CA 7C	Band 7	20M	QPSK	2560	21350	1	50	Band 7	20M	2660.2	3152	20.31	20.39	21.50
CA 4A-7A	Band 7	20M	QPSK	2560	21350	1	50	Band 4	20M	2120	2050	20.28	20.39	21.50
CA 5A-7A	Band 7	20M	QPSK	2560	21350	1	50	Band 5	10M	881.5	2525	20.30	20.39	21.50
CA 7A-7A	Band 7	20M	QPSK	2560	21350	1	50	Band 7	20M	2645	3000	20.29	20.39	21.50
CA 7A-26A	Band 7	20M	QPSK	2560	21350	1	50	Band 26	15M	876.5	8865	20.34	20.39	21.50
CA 7A-26A	Band 26	15M	QPSK	831.5	26865	1	0	Band 7	20M	2680	3350	23.39	23.59	24.40
CA 26A-41A	Band 26	15M	QPSK	831.5	26865	1	0	Band 41	20M	2593	40620	23.45	23.59	24.40
CA 38C	Band 38	20M	QPSK	2610	38150	1	99	Band 38	20M	2590.2	37952	22.58	22.67	23.60
CA 5A-38A	Band 38	20M	QPSK	2610	38150	1	99	Band 5	10M	881.5	2525	22.49	22.67	23.60
CA 41C	Band 41	20M	QPSK	2680	41490	1	0	Band 41	20M	2660.2	41292	22.40	22.48	23.30
CA 5A-41A	Band 41	20M	QPSK	2680	41490	1	0	Band 5	10M	881.5	2525	22.33	22.48	23.30
CA 26A-41A	Band 41	20M	QPSK	2680	41490	1	0	Band 26	15M	876.5	8865	22.38	22.48	23.30
CA 41A-41A	Band 41	20M	QPSK	2680	41490	1	0	Band 41	20M	2506	39750	22.33	22.48	23.30
CA 66C	Band 66	20M	QPSK	1720	132072	1	50	Band 66	20M	2139.8	66734	19.51	19.64	20.50
CA 5A-66A	Band 66	20M	QPSK	1720	132072	1	50	Band 5	10M	881.5	2525	19.55	19.64	20.50
CA 66A-66A	Band 66	20M	QPSK	1720	132072	1	50	Band 66	20M	2190	67236	19.60	19.64	20.50

DSI 5														
DL LTE CA Class	PCC							SCC				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA 2A-5A	Band 2	20M	QPSK	1900	19100	1	50	Band 5	10M	881.5	2525	18.93	19.11	20.40
CA 4A-4A	Band 4	20M	QPSK	1745	20300	1	0	Band 4	20M	2120	2050	19.47	19.52	20.60
CA 4A-5A	Band 4	20M	QPSK	1745	20300	1	0	Band 5	10M	881.5	2525	19.43	19.52	20.60
CA 4A-7A	Band 4	20M	QPSK	1745	20300	1	0	Band 7	20M	2630	2850	19.39	19.52	20.60
CA 2A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 2	20M	1960	900	23.86	24.06	24.90
CA 4A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 4	20M	2120	2050	23.95	24.06	24.90
CA 5A-7A	Band 5	10M	QPSK	829	20450	1	0	Band 7	20M	2630	2850	23.91	24.06	24.90
CA 5A-38A	Band 5	10M	QPSK	829	20450	1	0	Band 38	20M	2595	38000	24.01	24.06	24.90
CA 5A-41A	Band 5	10M	QPSK	829	20450	1	0	Band 41	20M	2593	40620	23.90	24.06	24.90
CA 5A-66A	Band 5	10M	QPSK	829	20450	1	0	Band 66	20M	2120	66536	23.88	24.06	24.90
CA 7C	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2649.8	3048	19.31	19.44	20.50
CA 4A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 4	20M	2120	2050	19.28	19.44	20.50
CA 5A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 5	10M	881.5	2525	19.25	19.44	20.50
CA 7A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2680	3350	19.40	19.44	20.50
CA 7A-26A	Band 7	20M	QPSK	2510	20850	1	50	Band 26	15M	876.5	8865	19.37	19.44	20.50
CA 7A-26A	Band 26	15M	QPSK	831.5	26865	1	0	Band 7	20M	2680	3350	23.39	23.59	24.40
CA 26A-41A	Band 26	15M	QPSK	831.5	26865	1	0	Band 41	20M	2593	40620	23.45	23.59	24.40
CA 38C	Band 38	20M	QPSK	2610	38150	1	99	Band 38	20M	2590.2	37952	21.53	21.69	22.60
CA 5A-38A	Band 38	20M	QPSK	2610	38150	1	99	Band 5	10M	881.5	2525	21.57	21.69	22.60
CA 41C	Band 41	20M	QPSK	2680	41490	1	0	Band 41	20M	2660.2	41292	21.47	21.56	22.30
CA 5A-41A	Band 41	20M	QPSK	2680	41490	1	0	Band 5	10M	881.5	2525	21.42	21.56	22.30
CA 26A-41A	Band 41	20M	QPSK	2680	41490	1	0	Band 26	15M	876.5	8865	21.50	21.56	22.30
CA 41A-41A	Band 41	20M	QPSK	2680	41490	1	0	Band 41	20M	2506	39750	21.40	21.56	22.30
CA 66C	Band 66	20M	QPSK	1720	132072	1	0	Band 66	20M	2139.8	66734	19.08	19.21	20.00
CA 5A-66A	Band 66	20M	QPSK	1720	132072	1	0	Band 5	10M	881.5	2525	19.11	19.21	20.00
CA 66A-66A	Band 66	20M	QPSK	1720	132072	1	0	Band 66	20M	2190	67236	19.05	19.21	20.00

DSI 6														
DL LTE CA Class	PCC							SCC				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA 2A-5A	Band 2	20M	QPSK	1900	19100	1	50	Band 5	10M	881.5	2525	18.93	19.11	20.40
CA 4A-4A	Band 4	20M	QPSK	1745	20300	1	0	Band 4	20M	2120	2050	19.47	19.52	20.60
CA 4A-5A	Band 4	20M	QPSK	1745	20300	1	0	Band 5	10M	881.5	2525	19.43	19.52	20.60
CA 4A-7A	Band 4	20M	QPSK	1745	20300	1	0	Band 7	20M	2630	2850	19.39	19.52	20.60
CA 2A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 2	20M	1960	900	23.86	24.06	24.90
CA 4A-5A	Band 5	10M	QPSK	829	20450	1	0	Band 4	20M	2120	2050	23.95	24.06	24.90
CA 5A-7A	Band 5	10M	QPSK	829	20450	1	0	Band 7	20M	2630	2850	23.91	24.06	24.90
CA 5A-38A	Band 5	10M	QPSK	829	20450	1	0	Band 38	20M	2595	38000	24.01	24.06	24.90
CA 5A-41A	Band 5	10M	QPSK	829	20450	1	0	Band 41	20M	2593	40620	23.90	24.06	24.90
CA 5A-66A	Band 5	10M	QPSK	829	20450	1	0	Band 66	20M	2120	66536	23.88	24.06	24.90
CA 7C	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2649.8	3048	19.31	19.44	20.50
CA 4A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 4	20M	2120	2050	19.28	19.44	20.50
CA 5A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 5	10M	881.5	2525	19.25	19.44	20.50
CA 7A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2680	3350	19.40	19.44	20.50
CA 7A-26A	Band 7	20M	QPSK	2510	20850	1	50	Band 26	15M	876.5	8865	19.37	19.44	20.50
CA 7A-26A	Band 26	15M	QPSK	831.5	26865	1	0	Band 7	20M	2680	3350	23.39	23.59	24.40
CA 26A-41A	Band 26	15M	QPSK	831.5	26865	1	0	Band 41	20M	2593	40620	23.45	23.59	24.40
CA 38C	Band 38	20M	QPSK	2610	38150	1	99	Band 38	20M	2590.2	37952	21.53	21.69	22.60
CA 5A-38A	Band 38	20M	QPSK	2610	38150	1	99	Band 5	10M	881.5	2525	21.57	21.69	22.60
CA 41C	Band 41	20M	QPSK	2680	41490	1	0	Band 41	20M	2660.2	41292	21.47	21.56	22.30
CA 5A-41A	Band 41	20M	QPSK	2680	41490	1	0	Band 5	10M	881.5	2525	21.42	21.56	22.30
CA 26A-41A	Band 41	20M	QPSK	2680	41490	1	0	Band 26	15M	876.5	8865	21.50	21.56	22.30
CA 41A-41A	Band 41	20M	QPSK	2680	41490	1	0	Band 41	20M	2506	39750	21.40	21.56	22.30
CA 66C	Band 66	20M	QPSK	1720	132072	1	50	Band 66	20M	2139.8	66734	19.08	19.21	20.00
CA 5A-66A	Band 66	20M	QPSK	1720	132072	1	50	Band 5	10M	881.5	2525	19.11	19.21	20.00
CA 66A-66A	Band 66	20M	QPSK	1720	132072	1	50	Band 66	20M	2190	67236	19.05	19.21	20.00

## 5 Conducted Power of WIFI and Bluetooth

### 5.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant 22 Receiver off Standalone					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.15	18.00
	2	2417		18.28	20.00
	6	2437		18.61	20.00
	11	2462		18.16	20.00
802.11g	1	2412	6	13.25	15.00
	2	2417		17.55	19.00
	6	2437		17.62	19.00
	10	2457		17.48	19.00
	11	2462		14.15	16.00
802.11n HT20	1	2412	6.5	12.83	14.50
	2	2417		16.80	18.00
	6	2437		16.94	18.00
	10	2457		16.77	18.00
	11	2462		14.01	15.50
802.11n HT40	3	2422	13.5	11.43	13.00
	4	2427		15.53	17.00
	6	2437		15.37	17.00
	8	2447		15.46	17.00
	9	2452		10.10	12.00

WIFI 2.4G Ant 22 Receiver off Simultaneous transmission					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.19	17.00
	2	2417		17.15	19.00
	6	2437		17.69	19.00
	11	2462		17.21	19.00
802.11g	1	2412	6	12.20	14.00
	2	2417		16.36	18.00
	6	2437		16.88	18.00
	10	2457		16.43	18.00
	11	2462		13.46	15.00
802.11n HT20	1	2412	6.5	12.05	13.50
	2	2417		15.68	17.00
	6	2437		16.19	17.00
	10	2457		15.76	17.00
	11	2462		13.28	14.50
802.11n HT40	3	2422	13.5	10.61	12.00
	4	2427		14.78	16.00
	6	2437		14.90	16.00
	8	2447		14.66	16.00
	9	2452		9.54	11.00

WIFI 2.4G Ant 22 Receiver on Standalone&Simultaneous transmission					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	11.65	13.50
	2	2417		13.61	15.50
	6	2437		14.20	15.50
	11	2462		13.66	15.50
802.11g	1	2412	6	8.62	10.50
	2	2417		12.80	14.50
	6	2437		13.36	14.50
	10	2457		12.93	14.50
802.11n HT20	11	2462	6.5	9.88	11.50
	1	2412		8.33	10.00
	2	2417		12.13	13.50
	6	2437		12.74	13.50
802.11n HT40	10	2457	13.5	12.20	13.50
	11	2462		9.71	11.00
	3	2422		6.86	8.50
	4	2427		11.30	12.50
	6	2437		11.19	12.50
	8	2447	11.00	12.50	
	9	2452	5.68	7.50	



## 5.2 Conducted Power of 5G WIFI

WIFI 5G Ant 22 Receiver off Standalone						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	14.91	16.00
		40	5200		19.25	20.00
		44	5220		19.31	20.00
		48	5240		19.90	20.00
	U-NII-2A	52	5260		19.84	20.00
		56	5280		19.65	20.00
		60	5300		19.25	20.00
		64	5320		16.66	17.00
	U-NII-2C	100	5500		17.47	18.00
		104	5520		19.23	20.00
		108	5540		19.22	20.00
		112	5560		19.19	20.00
		116	5580		19.10	20.00
		132	5660		18.70	20.00
		136	5680		18.67	20.00
		140	5700		18.54	20.00
	U-NII-3	144	5720		16.94	18.00
		149	5745		18.84	20.00
		153	5765		19.15	20.00
		157	5785		19.39	20.00
161		5805	19.36	20.00		
165		5825	19.44	20.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	14.32	15.50
		40	5200		18.55	19.50
		44	5220		18.85	19.50
		48	5240		19.44	19.50
	U-NII-2A	52	5260		18.92	19.50
		56	5280		18.93	19.50
		60	5300		18.74	19.50
		64	5320		15.13	15.50
	U-NII-2C	100	5500		16.89	17.50
		104	5520		18.72	19.50
		108	5540		18.70	19.50
		112	5560		18.61	19.50
		116	5580		18.47	19.50
		132	5660		18.01	19.50
		136	5680		17.96	19.50
		140	5700		17.79	19.50
	U-NII-3	144	5720		15.24	16.50
		149	5745		18.15	19.50
		153	5765		18.53	19.50
		157	5785		18.82	19.50
161		5805	18.75	19.50		
165		5825	18.85	19.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	10.21	12.00
		46	5230		17.23	18.50
	U-NII-2A	54	5270		17.40	18.50
		62	5310		11.41	12.50
	U-NII-2C	102	5510		12.70	13.50
		110	5550		17.53	18.50
		134	5670		16.93	18.50
	U-NII-3	142	5710		15.06	17.00
		151	5755		17.20	18.50
		159	5795		17.79	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ac-20	U-NII-1	36	5180	MCS0	14.55	16.00
		40	5200		17.98	19.00
		44	5220		18.23	19.00
		48	5240		18.55	19.00
	U-NII-2A	52	5260		18.51	19.00
		56	5280		18.60	19.00
		60	5300		18.33	19.00
		64	5320		15.23	16.00
	U-NII-2C	100	5500		16.92	17.50
		104	5520		18.32	19.00
		108	5540		18.31	19.00
		112	5560		18.25	19.00
		116	5580		18.10	19.00
		132	5660		17.65	19.00
		136	5680		17.61	19.00
		140	5700		17.38	19.00
U-NII-3	144	5720	15.17	16.50		
	149	5745	17.71	19.00		
	153	5765	18.15	19.00		
	157	5785	18.44	19.00		
	161	5805	18.36	19.00		
		165	5825	18.45	19.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	10.30	12.00
		46	5230		16.85	18.00
	U-NII-2A	54	5270		17.00	18.00
		62	5310		11.33	12.50
	U-NII-2C	102	5510		12.69	13.50
		110	5550		17.17	18.00
		134	5670		16.55	18.00
	U-NII-3	142	5710		15.09	17.00
151		5755	16.27	18.00		
		159	5795	16.94	18.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	9.69	11.50
	U-NII-2A	58	5290		10.14	11.50
	U-NII-2C	106	5530		9.88	11.50
		138	5690		15.08	17.50
	U-NII-3	155	5775	16.35	18.00	



WIFI 5G Ant 22 Receiver off Simultaneous transmission						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.15	14.00
		40	5200		17.12	18.00
		44	5220		17.46	18.00
		48	5240		17.77	18.00
	U-NII-2A	52	5260		17.72	18.00
		56	5280		17.75	18.00
		60	5300		17.51	18.00
		64	5320		14.78	15.00
	U-NII-2C	100	5500		15.65	16.00
		104	5520		17.53	18.00
		108	5540		17.56	18.00
		112	5560		17.55	18.00
		116	5580		17.43	18.00
		132	5660		17.05	18.00
		136	5680		16.93	18.00
		140	5700		16.83	18.00
	U-NII-3	144	5720		15.04	16.00
		149	5745		17.03	18.00
		153	5765		17.46	18.00
		157	5785		17.70	18.00
161		5805	17.69	18.00		
165		5825	17.83	18.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	12.60	13.50
		40	5200		16.52	17.50
		44	5220		16.87	17.50
		48	5240		17.25	17.50
	U-NII-2A	52	5260		17.19	17.50
		56	5280		17.22	17.50
		60	5300		17.02	17.50
		64	5320		13.48	13.50
	U-NII-2C	100	5500		15.04	15.50
		104	5520		16.96	17.50
		108	5540		16.95	17.50
		112	5560		16.88	17.50
		116	5580		16.72	17.50
		132	5660		16.23	17.50
		136	5680		16.19	17.50
		140	5700		16.04	17.50
	U-NII-3	144	5720		13.78	14.50
		149	5745		16.25	17.50
		153	5765		16.73	17.50
		157	5785		17.05	17.50
161		5805	17.03	17.50		
165		5825	17.21	17.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	8.12	10.00
		46	5230		15.26	16.50
	U-NII-2A	54	5270		15.52	16.50
		62	5310		9.26	10.50
	U-NII-2C	102	5510		10.85	11.50
		110	5550		15.77	16.50
		134	5670		15.09	16.50
	U-NII-3	142	5710		13.11	15.00
		151	5755		15.30	16.50
	159	5795	15.99		16.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ac-20	U-NII-1	36	5180	MCS0	12.62	14.00
		40	5200		16.05	17.00
		44	5220		16.44	17.00
		48	5240		16.81	17.00
	U-NII-2A	52	5260		16.74	17.00
		56	5280		16.79	17.00
		60	5300		16.54	17.00
		64	5320		13.48	14.00
	U-NII-2C	100	5500		15.03	15.50
		104	5520		16.55	17.00
		108	5540		16.59	17.00
		112	5560		16.50	17.00
		116	5580		16.33	17.00
		132	5660		15.88	17.00
		136	5680		15.79	17.00
		140	5700		15.62	17.00
U-NII-3	144	5720	13.82	14.50		
	149	5745	15.81	17.00		
	153	5765	16.26	17.00		
	157	5785	16.66	17.00		
	161	5805	16.62	17.00		
165	5825	16.78	17.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	8.22	10.00
		46	5230		14.85	16.00
	U-NII-2A	54	5270		15.06	16.00
		62	5310		9.22	10.50
	U-NII-2C	102	5510		10.84	11.50
		110	5550		15.29	16.00
		134	5670		14.62	16.00
	U-NII-3	142	5710		13.10	15.00
151		5755	14.65	16.00		
159	5795	15.41	16.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	7.61	9.50
	U-NII-2A	58	5290		8.10	9.50
	U-NII-2C	106	5530		7.81	9.50
		138	5690		13.39	15.50
	U-NII-3	155	5775		14.64	16.00

WIFI 5G Ant 22 Receiver on Standalone&Simultaneous transmission						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	9.76	10.00
		40	5200		12.88	14.00
		44	5220		13.22	14.00
		48	5240		13.32	14.00
	U-NII-2A	52	5260		13.54	14.00
		56	5280		13.53	14.00
		60	5300		13.42	14.00
		64	5320		10.68	11.00
	U-NII-2C	100	5500		11.80	12.00
		104	5520		13.81	14.00
		108	5540		13.80	14.00
		112	5560		13.85	14.00
		116	5580		13.73	14.00
		132	5660		13.05	14.00
		136	5680		12.99	14.00
		140	5700		13.01	14.00
	U-NII-3	144	5720		11.71	12.00
		149	5745		12.50	14.00
		153	5765		13.29	14.00
		157	5785		13.64	14.00
161		5805	13.63	14.00		
165		5825	13.82	14.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	9.22	9.50
		40	5200		12.33	13.50
		44	5220		12.77	13.50
		48	5240		12.87	13.50
	U-NII-2A	52	5260		12.84	13.50
		56	5280		12.84	13.50
		60	5300		13.45	13.50
		64	5320		12.95	13.50
	U-NII-2C	100	5500		9.37	9.50
		104	5520		11.24	11.50
		108	5540		13.25	13.50
		112	5560		13.28	13.50
		116	5580		13.21	13.50
		132	5660		13.04	13.50
		136	5680		12.50	13.50
		140	5700		12.51	13.50
	U-NII-3	144	5720		12.25	13.50
		149	5745		10.06	10.50
		153	5765		12.60	13.50
		157	5785		13.01	13.50
161		5805	13.32	13.50		
165		5825	13.37	13.50		
					13.48	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	4.12	6.00
		46	5230		12.14	12.50
	U-NII-2A	54	5270		12.31	12.50
		62	5310		5.13	6.50
	U-NII-2C	102	5510		6.75	7.50
		110	5550		12.41	12.50
		134	5670		11.86	12.50
	U-NII-3	142	5710		9.32	11.00
		151	5755		11.72	12.50
		159	5795		12.45	12.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ac-20	U-NII-1	36	5180	MCS0	9.25	10.00
		40	5200		12.25	13.00
		44	5220		12.39	13.00
		48	5240		12.46	13.00
	U-NII-2A	52	5260		12.51	13.00
		56	5280		12.89	13.00
		60	5300		12.41	13.00
		64	5320		9.86	10.00
	U-NII-2C	100	5500		11.33	11.50
		104	5520		12.77	13.00
		108	5540		12.81	13.00
		112	5560		12.74	13.00
		116	5580		12.42	13.00
		132	5660		11.99	13.00
		136	5680		11.95	13.00
		140	5700		11.73	13.00
U-NII-3	144	5720	10.06	10.50		
	149	5745	11.92	13.00		
	153	5765	12.35	13.00		
	157	5785	12.84	13.00		
	161	5805	12.85	13.00		
		165	5825	12.97	13.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	4.14	6.00
		46	5230		11.63	12.00
	U-NII-2A	54	5270		11.86	12.00
		62	5310		5.15	6.50
	U-NII-2C	102	5510		6.72	7.50
		110	5550		11.91	12.00
		134	5670		11.33	12.00
	U-NII-3	142	5710		9.33	11.00
151		5755	11.36	12.00		
		159	5795	11.95	12.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	3.55	5.50
	U-NII-2A	58	5290		3.98	5.50
	U-NII-2C	106	5530		3.58	5.50
		138	5690		10.02	11.50
	U-NII-3	155	5775	11.46	12.00	

### 5.3 Conducted Power of Bluetooth

BT		Average Conducted Power(dBm)					
Band	Channel	0	Tune up	39	Tune up	78	Tune up
BT	GFSK	12.62	13.00	12.69	13.20	12.32	13.00
	$\pi/4$ DQPSK	10.57	11.00	10.93	11.00	10.64	11.00
	8DPSK	10.50	11.00	10.91	11.00	10.58	11.00
Band	Channel	0	Tune up	19	Tune up	39	Tune up
BLE 1M	GFSK	8.41	9.50	9.20	10.00	9.35	10.00