

# Appendix E

## Conducted RF Output Power

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**Note:**

1)

DSI	Trigger Conditions	Antenna No.	Exposure scenario
DSI 2	Receiver on	All WWAN Antenna	Head Standalone
DSI 3	Receiver on+WLAN	All WWAN Antenna	Head Simultaneous transmission
DSI 4	Receiver off / Sensor on	Antenna 12#/13#	Product specific 10g SAR Standalone
	Receiver off / Sensor off	Antenna 11#/14#/15#/21#/22#/23#/24#/31#/41#	Body worn Standalone /Product specific 10g SAR Standalone
DSI 5	Receiver off / Sensor on+WLAN	Antenna 12#/13#	Product specific 10g SAR Simultaneous transmission
	Receiver off / Sensor off+WLAN	Antenna 11#/14#/15#/21#/22#/23#/24#/31#/41#	Body worn Simultaneous transmission/Product specific 10g SAR Simultaneous transmission
DSI 6	Receiver off / Sensor off+WLAN	Antenna 12#/13#	Body worn Simultaneous transmission
	Hotspot	All WWAN Antenna	Hotspot
DSI 7	Receiver off / Sensor off	Antenna 12#/13#	Body worn Standalone/ Product specific 10g SAR Standalone
	Receiver off / Sensor off	Antenna 11#/14#/15#/21#/22#/23#/24#/31#/41#	

2) When the user makes a call in the head scene and triggers the sensor distance mechanism, GSM1900, WCDMA B2/4, LTE B2/4/7/66 and NR N2/66 at Antenna 15 cannot be transmitted, so the conducted power test of DSI2/3 for GSM1900, WCDMA B2/4, LTE B2/4/7/66 and NR N2/66 at Antenna 15 were not required.

## Measurement of RF conducted Power

### 1 Conducted Power of Main Antenna (Ant11)

#### 1.1 Conducted Power of GSM

GSM 850 DSI 2/3/4/5/6/7										
Channel	Burst Output Power(dBm)	Burst Output Power(dBm)				Division Factors	Frame-Average Output Power(dBm)			
		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.75	33.00	33.02	33.70	-9.19	23.56	23.81	23.83	24.51
GPRS (GMSK)	1 TX Slot	32.79	33.01	33.05	33.70	-9.19	23.60	23.82	23.86	24.51
	2 TX Slots	30.46	30.68	30.56	31.30	-6.18	24.28	24.50	24.38	25.12
	3 TX Slots	27.78	27.82	27.78	29.00	-4.42	23.36	23.40	23.36	24.58
	4 TX Slots	27.00	27.27	27.10	28.00	-3.17	23.83	24.10	23.93	24.83
EGPRS (GMSK)	1 TX Slot	32.54	33.04	32.95	33.70	-9.19	23.35	23.85	23.76	24.51
	2 TX Slots	30.47	30.61	30.28	31.30	-6.18	24.29	24.43	24.10	25.12
	3 TX Slots	27.47	27.68	27.60	29.00	-4.42	23.05	23.26	23.18	24.58
	4 TX Slots	26.81	27.10	27.06	28.00	-3.17	23.64	23.93	23.89	24.83
EGPRS (8PSK)	1 TX Slot	27.02	27.11	27.30	28.40	-9.19	17.83	17.92	18.11	19.21
	2 TX Slots	25.22	25.27	25.05	26.30	-6.18	19.04	19.09	18.87	20.12
	3 TX Slots	23.25	23.10	23.11	24.00	-4.42	18.83	18.68	18.69	19.58
	4 TX Slots	21.72	21.65	21.83	22.50	-3.17	18.55	18.48	18.66	19.33

## 1.2 Conducted Power of WCDMA

WCDMA Band V DSI 2/5/6					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.18	23.24	23.23	24.80
	12.2kbps AMR	23.11	23.20	23.19	24.80
HSDPA	Subtest 1	22.26	22.25	22.23	23.80
	Subtest 2	22.25	22.23	22.21	23.80
	Subtest 3	21.72	21.71	21.71	23.30
	Subtest 4	21.78	21.75	21.74	23.30
HSUPA	Subtest 1	22.22	22.27	22.17	23.80
	Subtest 2	20.24	20.27	20.19	21.80
	Subtest 3	21.17	21.25	21.21	23.00
	Subtest 4	20.22	20.24	20.25	21.80
	Subtest 5	22.30	22.20	22.20	23.80
DC-HSDPA	Subtest 1	22.29	22.16	22.26	23.80
	Subtest 2	22.19	22.27	22.23	23.80
	Subtest 3	21.77	21.65	21.71	23.30
	Subtest 4	21.70	21.72	21.77	23.30
HSPA+	16QAM	20.42	20.44	20.45	21.80

WCDMA Band V DSI 3					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.75	22.75	22.77	24.30
	12.2kbps AMR	22.70	22.72	22.71	24.30
HSDPA	Subtest 1	21.79	21.78	21.71	23.30
	Subtest 2	21.78	21.78	21.70	23.30
	Subtest 3	21.26	21.26	21.25	22.80
	Subtest 4	21.29	21.28	21.20	22.80
HSUPA	Subtest 1	21.73	21.77	21.69	23.30
	Subtest 2	19.74	19.76	19.74	21.30
	Subtest 3	20.75	20.77	20.71	22.50
	Subtest 4	19.73	19.80	19.73	21.30
	Subtest 5	21.70	21.80	21.70	23.30
DC-HSDPA	Subtest 1	21.78	21.78	21.66	23.30
	Subtest 2	21.76	21.70	21.78	23.30
	Subtest 3	21.26	21.26	21.21	22.80
	Subtest 4	21.26	21.29	21.11	22.80
HSPA+	16QAM	20.03	20.15	20.01	21.30

WCDMA Band V DSI 4/7					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.73	23.78	23.77	25.30
	12.2kbps AMR	23.70	23.72	23.75	25.30
HSDPA	Subtest 1	22.76	22.79	22.70	24.30
	Subtest 2	22.73	22.80	22.71	24.30
	Subtest 3	22.26	22.31	22.23	23.80
	Subtest 4	22.24	22.29	22.25	23.80
HSUPA	Subtest 1	22.73	22.80	22.73	24.30
	Subtest 2	20.75	20.74	20.73	22.30
	Subtest 3	21.75	21.74	21.71	23.50
	Subtest 4	20.75	20.79	20.70	22.30
	Subtest 5	22.70	22.80	22.70	24.30
DC-HSDPA	Subtest 1	22.72	22.74	22.70	24.30
	Subtest 2	22.77	22.72	22.68	24.30
	Subtest 3	22.33	22.28	22.18	23.80
	Subtest 4	22.33	22.21	22.31	23.80
HSPA+	16QAM	21.01	21.07	20.95	22.30

### 1.3 Conducted Power of CDMA

CDMA BC0 DSI 2/5/6				
Average Conducted Power(dBm)				
Channel	1013	384	777	Tune up
1XRTT RC1 SO55	22.97	23.02	23.02	24.20
1XRTT RC3 SO55	22.96	23.03	23.01	24.20
1XRTT RC3 SO32 (FCH)	22.98	23.00	23.01	24.20
1XRTT RC3 SO32 (+ SCH)	22.97	22.99	22.98	24.20
1XEVD0 RTAP 153.6Kbps	22.93	22.98	22.91	24.20
1XEVD0 RETAP 4096Bits	22.89	23.00	22.97	24.20

CDMA BC0 DSI 3				
Average Conducted Power(dBm)				
Channel	1013	384	777	Tune up
1XRTT RC1 SO55	22.41	22.51	22.48	23.70
1XRTT RC3 SO55	22.41	22.50	22.48	23.70
1XRTT RC3 SO32 (FCH)	22.43	22.51	22.47	23.70
1XRTT RC3 SO32 (+ SCH)	22.40	22.48	22.45	23.70
1XEVD0 RTAP 153.6Kbps	22.34	22.40	22.45	23.70
1XEVD0 RETAP 4096Bits	22.32	22.41	22.37	23.70

CDMA BC0 DSI 4/7				
Average Conducted Power(dBm)				
Channel	1013	384	777	Tune up
1XRTT RC1 SO55	23.45	23.57	23.51	24.70
1XRTT RC3 SO55	23.49	23.57	23.52	24.70
1XRTT RC3 SO32 (FCH)	23.49	23.58	23.53	24.70
1XRTT RC3 SO32 (+ SCH)	23.47	23.55	23.49	24.70
1XEVD0 RTAP 153.6Kbps	23.35	23.46	23.49	24.70
1XEVD0 RETAP 4096Bits	23.46	23.45	23.45	24.70

### 1.4 Conducted Power of LTE

LTE Band 5 DSI 2/4/5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.77	23.88	23.71	25.00
		1	2	24.07	23.91	23.65	25.00
		1	5	23.77	23.75	23.72	25.00
		3	0	23.87	23.98	23.84	25.00
		3	2	23.86	23.92	23.85	25.00
		3	3	23.81	23.94	23.75	25.00
	16QAM	6	0	22.97	22.87	22.83	24.00
		1	0	23.02	23.49	23.24	24.00
		1	2	23.51	22.98	23.40	24.00
		1	5	23.07	23.45	22.95	24.00
		3	0	23.15	23.12	22.95	24.00
		3	2	23.17	23.08	23.00	24.00
	64QAM	3	3	22.89	22.94	22.88	24.00
		6	0	22.07	21.83	21.83	23.00
		1	0	21.93	21.85	21.88	23.00
		1	2	21.96	21.98	22.01	23.00
		1	5	21.92	21.99	21.98	23.00
		3	0	21.58	21.68	21.69	23.00
	256QAM	3	2	21.98	21.92	21.95	23.00
		3	3	21.71	21.79	21.86	23.00
		6	0	20.62	20.70	20.66	22.00
		1	0	18.83	18.93	18.94	20.00
		1	2	19.08	19.08	19.07	20.00
		1	5	19.09	18.99	18.93	20.00
3MHz	QPSK	3	0	18.74	18.79	18.83	20.00
		3	2	18.98	18.91	18.98	20.00
		3	3	18.90	18.83	18.74	20.00
		6	0	18.82	18.76	18.66	20.00
		1	0	23.61	23.43	23.47	25.00
		1	7	23.27	23.55	23.57	25.00
	16QAM	1	14	23.42	23.45	23.47	25.00
		8	0	22.54	22.38	22.50	24.00
		8	4	22.70	22.50	22.58	24.00
		8	7	22.51	22.46	22.46	24.00
		15	0	22.53	22.42	22.43	24.00
		1	0	22.20	22.66	22.64	24.00
	64QAM	1	7	22.93	22.39	22.46	24.00
		1	14	23.08	22.80	22.60	24.00
		8	0	21.54	21.46	21.53	23.00
		8	4	21.47	21.63	21.55	23.00
		8	7	21.37	21.68	21.60	23.00
		15	0	21.51	21.45	21.70	23.00
	256QAM	1	0	22.07	22.10	22.06	23.00
		1	7	21.92	21.94	21.88	23.00
		1	14	21.99	21.92	21.84	23.00
		8	0	20.75	20.78	20.74	22.00
		8	4	20.88	20.88	20.81	22.00
		8	7	20.88	20.89	20.98	22.00
256QAM	15	0	20.74	20.81	20.90	22.00	
	1	0	18.96	18.95	18.89	20.00	
	1	7	18.95	18.96	19.03	20.00	
	1	14	19.18	19.16	19.20	20.00	
	8	0	18.92	18.83	18.75	20.00	
	8	4	18.89	18.83	18.83	20.00	
256QAM	8	7	18.87	18.93	18.98	20.00	
	8	7	18.87	18.93	18.98	20.00	
	15	0	18.95	18.85	18.91	20.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20425	20525	20625		
5MHz	QPSK	1	0	23.64	23.55	23.47	25.00	
		1	13	23.56	23.57	23.62	25.00	
		1	24	23.62	23.56	23.51	25.00	
		12	0	22.66	22.67	22.49	24.00	
		12	6	22.66	22.56	22.55	24.00	
		12	13	22.57	22.66	22.60	24.00	
		25	0	22.64	22.55	22.56	24.00	
	16QAM	1	0	23.12	23.29	22.61	24.00	
		1	13	22.81	22.63	22.80	24.00	
		1	24	22.53	22.87	22.88	24.00	
		12	0	21.78	21.56	21.61	23.00	
		12	6	21.70	21.67	21.41	23.00	
		12	13	21.57	21.86	21.61	23.00	
		25	0	21.68	21.66	21.54	23.00	
	64QAM	1	0	21.82	21.85	21.88	23.00	
		1	13	21.89	21.98	22.06	23.00	
		1	24	21.95	21.95	21.96	23.00	
		12	0	20.91	20.89	20.80	22.00	
		12	6	20.92	20.90	20.91	22.00	
		12	13	20.98	20.98	21.04	22.00	
		25	0	20.78	20.86	20.89	22.00	
	256QAM	1	0	18.91	18.95	18.98	20.00	
		1	13	19.21	19.18	19.24	20.00	
		1	24	19.18	19.15	19.15	20.00	
		12	0	18.81	18.86	18.78	20.00	
		12	6	18.84	18.93	19.03	20.00	
		12	13	18.96	18.96	18.96	20.00	
		25	0	18.89	18.86	18.89	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	24.03	24.35	23.95	25.00
1			25	24.03	23.99	23.90	25.00	
1			49	24.11	23.98	23.87	25.00	
25			0	22.96	22.99	23.02	24.00	
25			13	23.10	23.06	23.09	24.00	
25			25	23.06	23.03	23.07	24.00	
50			0	23.12	22.97	22.97	24.00	
16QAM		1	0	23.23	23.40	23.10	24.00	
		1	25	23.02	23.41	23.07	24.00	
		1	49	23.55	23.57	23.46	24.00	
		25	0	22.00	22.11	22.00	23.00	
		25	13	22.25	22.10	22.03	23.00	
		25	25	22.06	22.10	22.15	23.00	
		50	0	22.14	22.17	21.99	23.00	
64QAM		1	0	21.77	21.81	22.12	23.00	
		1	25	21.92	21.96	21.86	23.00	
		1	49	21.92	21.98	22.02	23.00	
		25	0	21.73	20.89	20.74	22.00	
		25	13	21.83	21.00	20.89	22.00	
		25	25	21.78	21.04	20.91	22.00	
		50	0	20.63	20.85	20.72	22.00	
256QAM		1	0	18.92	18.93	19.00	20.00	
		1	25	19.17	19.21	18.86	20.00	
		1	49	19.03	19.10	19.19	20.00	
		25	0	18.87	18.90	18.89	20.00	
		25	13	18.89	19.03	18.83	20.00	
		25	25	18.78	19.05	19.00	20.00	
		50	0	18.75	18.90	18.87	20.00	



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	23.42	23.41	23.23	24.50
		1	2	23.37	23.42	23.12	24.50
		1	5	23.26	23.27	23.25	24.50
		3	0	23.40	23.31	23.28	24.50
		3	2	23.38	23.41	23.26	24.50
		3	3	23.45	23.43	23.43	24.50
	16QAM	6	0	22.91	22.96	22.88	24.00
		1	0	23.55	23.31	23.68	24.00
		1	2	23.16	23.36	23.27	24.00
		1	5	23.43	23.43	22.87	24.00
		3	0	23.27	22.85	22.91	24.00
		3	2	23.44	22.98	23.09	24.00
	64QAM	3	3	23.16	22.98	22.84	24.00
		6	0	22.21	22.17	21.80	23.00
		1	0	21.94	21.90	21.89	23.00
		1	2	21.92	22.03	21.99	23.00
		1	5	21.87	22.02	21.89	23.00
		3	0	21.67	21.68	21.63	23.00
	256QAM	3	2	22.01	21.94	22.02	23.00
		3	3	21.74	21.70	21.85	23.00
		6	0	20.65	20.70	20.57	22.00
		1	0	18.82	18.89	18.91	20.00
		1	2	18.99	19.06	19.05	20.00
		1	5	19.12	18.92	18.95	20.00
3MHz	QPSK	3	0	18.70	18.84	18.79	20.00
		3	2	19.08	18.90	19.08	20.00
		3	3	18.87	18.80	18.70	20.00
		6	0	18.72	18.78	18.61	20.00
		1	0	23.00	23.03	23.00	24.50
		1	7	23.02	22.76	22.89	24.50
	16QAM	1	14	22.87	23.07	22.88	24.50
		8	0	22.60	22.54	22.43	24.00
		8	4	22.52	22.57	22.60	24.00
		8	7	22.56	22.60	22.47	24.00
		15	0	22.56	22.48	22.54	24.00
		1	0	22.79	22.56	23.02	24.00
	64QAM	1	7	22.56	22.61	22.86	24.00
		1	14	22.30	22.88	23.10	24.00
		8	0	21.46	21.63	21.53	23.00
		8	4	21.45	21.54	21.53	23.00
		8	7	21.55	21.58	21.39	23.00
		15	0	21.51	21.59	21.53	23.00
	256QAM	1	0	21.78	21.73	22.12	23.00
		1	7	21.91	21.91	21.82	23.00
		1	14	22.00	21.99	22.05	23.00
		8	0	21.81	20.79	20.77	22.00
		8	4	21.74	20.90	20.79	22.00
		8	7	21.80	21.01	20.98	22.00
5MHz	QPSK	15	0	20.55	20.87	20.75	22.00
		1	0	18.97	18.92	19.02	20.00
		1	7	19.11	19.17	18.89	20.00
		1	14	19.09	19.04	19.17	20.00
		8	0	18.93	18.97	18.89	20.00
		8	4	18.86	19.00	18.81	20.00
5MHz	QPSK	8	7	18.87	19.00	19.04	20.00
		15	0	18.68	18.96	18.79	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	22.99	23.01	23.00	24.50

		1	13	22.87	22.94	23.09	24.50
		1	24	23.00	23.12	22.84	24.50
		12	0	22.57	22.47	22.39	24.00
		12	6	22.59	22.45	22.46	24.00
		12	13	22.59	22.64	22.52	24.00
	25	0	22.52	22.61	22.37	24.00	
	16QAM	1	0	22.55	22.92	22.68	24.00
		1	13	22.74	22.85	22.84	24.00
		1	24	23.08	22.89	22.96	24.00
		12	0	21.68	21.42	21.40	23.00
		12	6	21.63	21.57	21.46	23.00
	12	13	21.59	21.79	21.56	23.00	
	25	0	21.73	21.56	21.51	23.00	
	64QAM	1	0	21.80	21.78	22.20	23.00
		1	13	21.85	21.97	21.78	23.00
		1	24	21.95	21.90	22.08	23.00
		12	0	21.80	20.87	20.65	22.00
		12	6	21.76	21.05	20.91	22.00
	12	13	21.70	21.01	20.90	22.00	
	25	0	20.54	20.83	20.69	22.00	
	256QAM	1	0	18.92	18.88	18.96	20.00
		1	13	19.15	19.28	18.94	20.00
		1	24	18.97	19.14	19.10	20.00
		12	0	18.96	18.82	18.87	20.00
		12	6	18.90	19.04	18.80	20.00
12	13	18.83	18.97	18.99	20.00		
25	0	18.73	18.91	18.82	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.53	23.79	23.54	24.50
		1	25	23.32	23.44	23.30	24.50
		1	49	23.60	23.45	23.40	24.50
		25	0	22.88	23.02	23.09	24.00
		25	13	23.08	22.96	22.95	24.00
	25	25	23.06	23.12	23.04	24.00	
	50	0	22.99	23.08	23.01	24.00	
	16QAM	1	0	23.01	23.05	23.42	24.00
		1	25	23.27	23.06	23.33	24.00
		1	49	23.31	23.20	23.37	24.00
		25	0	22.05	21.98	21.96	23.00
		25	13	22.11	22.05	22.00	23.00
	25	25	22.09	22.11	22.08	23.00	
	50	0	22.14	22.08	22.02	23.00	
	64QAM	1	0	21.87	21.79	22.18	23.00
		1	25	21.88	21.90	21.95	23.00
		1	49	21.98	21.88	22.09	23.00
		25	0	21.70	20.80	20.76	22.00
		25	13	21.89	21.03	20.79	22.00
	25	25	21.78	21.07	20.84	22.00	
	50	0	20.63	20.94	20.68	22.00	
	256QAM	1	0	18.85	18.90	19.05	20.00
		1	25	19.08	19.17	18.79	20.00
		1	49	19.11	19.00	19.15	20.00
		25	0	18.77	18.89	18.99	20.00
25		13	18.80	19.06	18.78	20.00	
25	25	18.68	19.07	19.07	20.00		
50	0	18.74	18.97	18.89	20.00		

LTE Band 12 DSI 2/3/4/5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	24.22	24.19	24.29	25.50
		1	2	24.33	24.24	24.31	25.50
		1	5	24.08	24.18	24.02	25.50
		3	0	24.31	24.20	24.26	25.50
		3	2	24.25	24.31	24.17	25.50
		3	3	24.30	24.19	24.10	25.50
	16QAM	6	0	23.31	23.25	23.25	24.50
		1	0	23.50	23.79	23.39	24.50
		1	2	23.64	23.37	23.35	24.50
		1	5	23.52	23.67	23.60	24.50
		3	0	23.41	23.32	23.03	24.50
		3	2	23.08	23.38	23.29	24.50
	64QAM	3	3	23.23	23.40	23.30	24.50
		6	0	22.40	22.36	22.29	23.50
		1	0	22.24	22.23	22.14	23.50
		1	2	22.33	22.24	22.30	23.50
		1	5	22.15	22.18	22.16	23.50
		3	0	22.13	22.03	22.13	23.50
	256QAM	3	2	22.06	22.16	22.18	23.50
		3	3	22.18	22.08	22.08	23.50
		6	0	21.01	20.98	20.95	22.50
		1	0	19.11	19.13	19.23	20.50
		1	2	19.34	19.33	19.38	20.50
		1	5	19.27	19.24	19.15	20.50
3MHz	QPSK	3	0	19.00	19.01	19.04	20.50
		3	2	19.08	19.08	19.10	20.50
		3	3	19.01	19.09	19.18	20.50
		6	0	18.94	18.98	19.00	20.50
		1	0	24.00	23.88	23.78	25.50
		1	7	23.77	23.91	23.89	25.50
	16QAM	1	14	23.72	23.80	23.84	25.50
		8	0	22.86	22.87	22.87	24.50
		8	4	22.99	23.01	22.96	24.50
		8	7	22.94	22.89	22.90	24.50
		15	0	22.89	22.88	22.76	24.50
		1	0	23.11	23.60	22.78	24.50
	64QAM	1	7	22.97	23.14	22.68	24.50
		1	14	23.04	23.17	22.92	24.50
		8	0	21.84	21.99	22.01	23.50
		8	4	22.02	21.93	21.92	23.50
		8	7	21.99	21.97	21.77	23.50
		15	0	21.97	22.08	21.88	23.50
	256QAM	1	0	22.22	22.31	22.29	23.50
		1	7	22.50	22.26	22.17	23.50
		1	14	22.15	22.32	22.24	23.50
		8	0	21.12	21.12	21.21	22.50
		8	4	21.34	21.26	21.08	22.50
		8	7	21.24	21.33	21.40	22.50
5MHz	QPSK	15	0	21.18	21.15	21.26	22.50
		1	0	19.21	19.24	19.14	20.50
		1	7	19.12	19.23	19.12	20.50
		1	14	19.39	19.37	19.37	20.50
		8	0	19.01	19.16	19.00	20.50
		8	4	19.24	19.11	19.10	20.50
5MHz	QPSK	1	0	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.80	23.99	23.82	25.50

		1	13	23.86	23.76	23.87	25.50	
		1	24	23.88	23.97	23.92	25.50	
		12	0	22.90	22.92	22.89	24.50	
		12	6	22.92	22.91	22.97	24.50	
		12	13	22.87	22.98	22.95	24.50	
		25	0	22.96	22.89	22.88	24.50	
	16QAM	1	0	23.30	22.96	23.27	24.50	
		1	13	23.16	23.32	23.16	24.50	
		1	24	23.05	23.20	22.86	24.50	
		12	0	21.91	22.05	21.99	23.50	
		12	6	22.01	21.95	21.96	23.50	
		12	13	22.06	21.92	21.99	23.50	
		25	0	21.97	21.93	21.99	23.50	
	64QAM	1	0	22.13	22.24	22.31	23.50	
		1	13	22.33	22.35	22.30	23.50	
		1	24	22.26	22.27	22.19	23.50	
		12	0	21.06	21.11	21.15	22.50	
		12	6	21.21	21.15	21.22	22.50	
		12	13	21.16	21.26	21.30	22.50	
		25	0	21.07	21.22	21.24	22.50	
	256QAM	1	0	19.16	19.28	19.02	20.50	
		1	13	19.04	19.14	19.00	20.50	
		1	24	19.36	19.36	19.21	20.50	
		12	0	19.10	19.08	18.97	20.50	
		12	6	19.11	19.02	19.26	20.50	
		12	13	19.22	19.16	19.15	20.50	
		25	0	19.08	19.10	19.16	20.50	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				23060	23095	23130		
<b>10MHz</b>	QPSK	1	0	24.52	24.47	24.22	25.50	
		1	25	24.32	24.22	24.21	25.50	
		1	49	24.34	24.49	24.44	25.50	
		25	0	23.25	23.38	23.30	24.50	
		25	13	23.42	23.41	23.46	24.50	
		25	25	23.47	23.46	23.45	24.50	
			50	0	23.42	23.28	23.35	24.50
	16QAM	1	0	23.47	24.04	23.77	24.50	
		1	25	23.75	23.95	23.77	24.50	
		1	49	23.77	23.81	23.51	24.50	
		25	0	22.37	22.48	22.37	23.50	
		25	13	22.59	22.49	22.48	23.50	
		25	25	22.41	22.43	22.59	23.50	
			50	0	22.48	22.36	22.43	23.50
	64QAM	1	0	22.15	22.23	22.24	23.50	
		1	25	22.40	22.31	22.22	23.50	
		1	49	22.22	22.26	22.26	23.50	
		25	0	21.16	21.21	21.25	22.50	
		25	13	21.28	21.21	21.14	22.50	
		25	25	21.21	21.23	21.30	22.50	
			50	0	21.15	21.13	21.22	22.50
	256QAM	1	0	19.13	19.18	19.12	20.50	
		1	25	19.06	19.15	19.08	20.50	
		1	49	19.37	19.28	19.29	20.50	
		25	0	19.08	19.15	19.06	20.50	
		25	13	19.18	19.11	19.16	20.50	
		25	25	19.25	19.20	19.25	20.50	
		50	0	19.17	19.14	19.13	20.50	

LTE Band 13 DSI 2/3/4/5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	23.92	23.91	23.80	25.50
		1	13	24.01	23.82	24.04	25.50
		1	24	23.80	23.90	23.92	25.50
		12	0	22.86	22.94	22.85	24.50
		12	6	22.97	22.96	22.96	24.50
		12	13	22.99	22.97	22.94	24.50
	16QAM	25	0	22.96	22.81	22.95	24.50
		1	0	23.36	23.33	23.53	24.50
		1	13	23.09	23.02	22.87	24.50
		1	24	23.23	23.31	23.00	24.50
		12	0	22.02	21.86	21.96	23.50
		12	6	21.97	21.91	21.97	23.50
	64QAM	12	13	22.06	22.05	22.00	23.50
		25	0	22.08	21.98	22.02	23.50
		1	0	22.21	22.20	22.15	23.50
		1	13	22.45	22.40	22.50	23.50
		1	24	22.30	22.25	22.23	23.50
		12	0	21.28	21.32	21.29	22.50
	256QAM	12	6	21.27	21.12	21.08	22.50
		12	13	21.17	21.20	21.14	22.50
		25	0	21.25	21.16	21.29	22.50
		1	0	19.28	19.33	19.27	20.50
		1	13	19.25	19.40	19.34	20.50
		1	24	19.31	19.38	19.28	20.50
10MHz	QPSK	12	0	19.27	19.18	19.21	20.50
		12	6	19.12	19.25	19.10	20.50
		12	13	19.09	19.17	19.18	20.50
		25	0	19.05	19.09	19.18	20.50
		1	0	24.33	24.33	/	25.50
		1	25	/	24.35	/	25.50
	16QAM	1	49	/	24.31	/	25.50
		25	0	/	23.41	/	24.50
		25	13	/	23.42	/	24.50
		25	25	/	23.41	/	24.50
		50	0	/	23.40	/	24.50
		1	0	/	23.57	/	24.50
	64QAM	1	25	/	23.81	/	24.50
		1	49	/	23.51	/	24.50
		25	0	/	22.50	/	23.50
		25	13	/	22.44	/	23.50
		25	25	/	22.55	/	23.50
		50	0	/	22.43	/	23.50
	256QAM	1	0	/	22.21	/	23.50
		1	25	/	22.45	/	23.50
		1	49	/	22.33	/	23.50
		25	0	/	21.23	/	22.50
		25	13	/	21.17	/	22.50
		25	25	/	21.20	/	22.50
QPSK	50	0	/	21.23	/	22.50	
	1	0	/	19.26	/	20.50	
	1	25	/	19.33	/	20.50	
	1	49	/	19.31	/	20.50	
	25	0	/	19.24	/	20.50	
	25	13	/	19.19	/	20.50	
16QAM	25	25	/	19.15	/	20.50	
	50	0	/	19.13	/	20.50	
	1	0	/	24.33	/	25.50	
	1	25	/	24.35	/	25.50	
	1	49	/	24.31	/	25.50	
	25	0	/	23.41	/	24.50	
64QAM	25	13	/	23.42	/	24.50	
	25	25	/	23.41	/	24.50	
	50	0	/	23.40	/	24.50	
	1	0	/	23.57	/	24.50	
	1	25	/	23.81	/	24.50	
	1	49	/	23.51	/	24.50	
256QAM	25	0	/	22.50	/	23.50	
	25	13	/	22.44	/	23.50	
	25	25	/	22.55	/	23.50	
	50	0	/	22.43	/	23.50	
	1	0	/	22.21	/	23.50	
	1	25	/	22.45	/	23.50	
QPSK	1	49	/	22.33	/	23.50	
	25	0	/	21.23	/	22.50	
	25	13	/	21.17	/	22.50	
	25	25	/	21.20	/	22.50	
	50	0	/	21.23	/	22.50	
	1	0	/	19.26	/	20.50	
16QAM	1	25	/	19.33	/	20.50	
	1	49	/	19.31	/	20.50	
	25	0	/	19.24	/	20.50	
	25	13	/	19.19	/	20.50	
	25	25	/	19.15	/	20.50	
	50	0	/	19.13	/	20.50	

LTE Band 17 DSI 2/3/4/5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	24.07	23.94	23.94	25.50
		1	13	24.08	23.96	23.96	25.50
		1	24	23.84	24.04	23.89	25.50
		12	0	23.00	22.97	23.01	24.50
		12	6	22.98	22.97	23.05	24.50
		12	13	23.01	22.92	22.96	24.50
	16QAM	25	0	22.99	22.99	22.99	24.50
		1	0	23.35	23.14	23.10	24.50
		1	13	22.99	23.36	23.18	24.50
		1	24	23.38	23.47	22.75	24.50
		12	0	21.88	22.05	22.04	23.50
		12	6	22.06	22.06	22.09	23.50
	64QAM	12	13	21.93	21.95	21.97	23.50
		25	0	22.02	22.10	21.94	23.50
		1	0	22.42	22.44	22.36	23.50
		1	13	22.20	22.30	22.50	23.50
		1	24	22.30	22.31	22.35	23.50
		12	0	21.47	21.30	21.39	22.50
	256QAM	12	6	21.31	21.18	21.27	22.50
		12	13	21.25	21.29	21.32	22.50
		25	0	21.19	21.18	21.07	22.50
		1	0	19.25	19.22	19.30	20.50
		1	13	19.43	19.46	19.40	20.50
		1	24	19.26	19.28	19.17	20.50
10MHz	QPSK	12	0	19.34	19.31	19.34	20.50
		12	6	19.39	19.28	19.30	20.50
		12	13	19.18	19.23	19.09	20.50
		25	0	19.09	19.24	19.15	20.50
		1	0	24.46	24.40	24.45	25.50
		1	25	24.24	24.29	24.36	25.50
	16QAM	1	49	24.36	24.38	24.37	25.50
		25	0	23.47	23.43	23.36	24.50
		25	13	23.52	23.45	23.43	24.50
		25	25	23.47	23.48	23.42	24.50
		50	0	23.37	23.39	23.33	24.50
		1	0	23.65	23.43	23.38	24.50
	64QAM	1	25	23.82	23.37	23.83	24.50
		1	49	23.78	23.89	24.00	24.50
		25	0	22.46	22.40	22.36	23.50
		25	13	22.63	22.53	22.52	23.50
		25	25	22.46	22.41	22.57	23.50
		50	0	22.37	22.45	22.44	23.50
	256QAM	1	0	22.37	22.39	22.39	23.50
		1	25	22.29	22.35	22.43	23.50
		1	49	22.31	22.36	22.44	23.50
		25	0	21.41	21.38	21.44	22.50
		25	13	21.27	21.26	21.25	22.50
		25	25	21.28	21.26	21.36	22.50
QPSK	50	0	21.24	21.23	21.16	22.50	
	1	0	19.29	19.23	19.30	20.50	
	1	25	19.42	19.45	19.41	20.50	
	1	49	19.21	19.28	19.19	20.50	
	25	0	19.35	19.27	19.35	20.50	
	25	13	19.29	19.23	19.33	20.50	
16QAM	25	25	19.16	19.14	19.17	20.50	
	50	0	19.16	19.19	19.25	20.50	
	1	0	24.46	24.40	24.45	25.50	
	1	25	24.24	24.29	24.36	25.50	
	1	49	24.36	24.38	24.37	25.50	
	25	0	23.47	23.43	23.36	24.50	
64QAM	25	13	23.52	23.45	23.43	24.50	
	25	25	23.47	23.48	23.42	24.50	
	50	0	23.37	23.39	23.33	24.50	
	1	0	23.65	23.43	23.38	24.50	
	1	25	23.82	23.37	23.83	24.50	
	1	49	23.78	23.89	24.00	24.50	
256QAM	25	0	22.46	22.40	22.36	23.50	
	25	13	22.63	22.53	22.52	23.50	
	25	25	22.46	22.41	22.57	23.50	
	50	0	22.37	22.45	22.44	23.50	
	1	0	22.37	22.39	22.39	23.50	
	1	25	22.29	22.35	22.43	23.50	
QPSK	1	49	22.31	22.36	22.44	23.50	
	25	0	21.41	21.38	21.44	22.50	
	25	13	21.27	21.26	21.25	22.50	
	25	25	21.28	21.26	21.36	22.50	
	50	0	21.24	21.23	21.16	22.50	
	1	0	19.29	19.23	19.30	20.50	
16QAM	1	25	19.42	19.45	19.41	20.50	
	1	49	19.21	19.28	19.19	20.50	
	25	0	19.35	19.27	19.35	20.50	
	25	13	19.29	19.23	19.33	20.50	
	25	25	19.16	19.14	19.17	20.50	
	50	0	19.16	19.19	19.25	20.50	

LTE Band 18 DSI 2/4/5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23875	23925	23975	
5MHz	QPSK	1	0	23.57	23.43	23.46	25.00
		1	13	23.49	23.60	23.70	25.00
		1	24	23.41	23.49	23.67	25.00
		12	0	22.47	22.45	22.41	24.00
		12	6	22.57	22.49	22.59	24.00
		12	13	22.50	22.53	22.61	24.00
	16QAM	25	0	22.57	22.55	22.48	24.00
		1	0	22.78	22.67	22.54	24.00
		1	13	22.34	22.66	22.90	24.00
		1	24	22.84	22.82	22.50	24.00
		12	0	21.48	21.54	21.55	23.00
		12	6	21.65	21.60	21.58	23.00
	64QAM	12	13	21.61	21.68	21.48	23.00
		25	0	21.61	21.32	21.52	23.00
		1	0	21.72	21.72	21.85	23.00
		1	13	21.80	21.88	21.78	23.00
		1	24	21.83	21.57	21.73	23.00
		12	0	20.65	20.74	20.70	22.00
	256QAM	12	6	20.64	20.64	20.73	22.00
		12	13	20.69	20.73	20.77	22.00
		25	0	20.63	20.66	20.68	22.00
		1	0	18.50	18.50	18.52	20.00
		1	13	18.70	18.67	18.58	20.00
		1	24	18.76	18.65	18.76	20.00
10MHz	QPSK	12	0	18.73	18.66	18.62	20.00
		12	6	18.67	18.52	18.73	20.00
		12	13	18.83	18.69	18.75	20.00
		25	0	18.48	18.63	18.79	20.00
		1	0	23.44	23.43	23.48	25.00
		1	25	23.54	23.49	23.30	25.00
	16QAM	1	49	23.60	23.34	23.26	25.00
		25	0	22.54	22.58	22.49	24.00
		25	13	22.53	22.57	22.49	24.00
		25	25	22.57	22.62	22.57	24.00
		50	0	22.64	22.46	22.50	24.00
		1	0	23.05	22.48	22.78	24.00
	64QAM	1	25	22.54	22.74	22.43	24.00
		1	49	22.76	22.67	22.32	24.00
		25	0	21.51	21.51	21.52	23.00
		25	13	21.50	21.61	21.58	23.00
		25	25	21.58	21.52	21.62	23.00
		50	0	21.60	21.57	21.61	23.00
	256QAM	1	0	21.63	21.69	21.77	23.00
		1	25	21.77	21.84	21.74	23.00
		1	49	21.75	21.64	21.73	23.00
		25	0	20.61	20.74	20.75	22.00
		25	13	20.68	20.63	20.78	22.00
		25	25	20.62	20.81	20.78	22.00
QPSK	50	0	20.65	20.74	20.65	22.00	
	1	0	18.52	18.48	18.54	20.00	
	1	25	18.62	18.63	18.58	20.00	
	1	49	18.80	18.61	18.69	20.00	
	25	0	18.65	18.59	18.52	20.00	
	25	13	18.62	18.60	18.65	20.00	
15MHz	QPSK	25	25	18.76	18.79	18.71	20.00
		50	0	18.53	18.64	18.69	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23925	/	
15MHz	QPSK	1	0	/	23.69	/	25.00
		1	38	/	23.74	/	25.00

		1	74	/	23.77	/	25.00	
		36	0	/	22.88	/	24.00	
		36	18	/	22.85	/	24.00	
		36	39	/	22.89	/	24.00	
		75	0	/	22.86	/	24.00	
	16QAM	1	0	/	23.03	/	24.00	
		1	38	/	23.10	/	24.00	
		1	74	/	23.12	/	24.00	
		36	0	/	21.92	/	23.00	
		36	18	/	21.85	/	23.00	
	64QAM	36	39	/	21.97	/	23.00	
		75	0	/	21.96	/	23.00	
		1	0	/	21.73	/	23.00	
		1	38	/	21.82	/	23.00	
		1	74	/	21.74	/	23.00	
	256QAM	36	0	/	20.66	/	22.00	
		36	18	/	20.69	/	22.00	
		36	39	/	20.71	/	22.00	
		75	0	/	20.65	/	22.00	
		1	0	/	18.56	/	20.00	
		1	38	/	18.63	/	20.00	
		1	74	/	18.71	/	20.00	
		36	0	/	18.62	/	20.00	
		36	18	/	18.63	/	20.00	
		36	39	/	18.75	/	20.00	
			75	0	/	18.61	/	20.00

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	23.03	22.99	22.91	24.50	
		1	13	22.97	22.90	23.07	24.50	
		1	24	22.91	22.96	23.10	24.50	
		12	0	22.42	22.35	22.39	24.00	
		12	6	22.59	22.43	22.57	24.00	
		12	13	22.51	22.45	22.51	24.00	
	16QAM	25	0	22.57	22.47	22.38	24.00	
		1	0	22.70	22.35	22.63	24.00	
		1	13	22.55	22.74	22.14	24.00	
		1	24	22.63	22.45	22.44	24.00	
		12	0	21.39	21.46	21.50	23.00	
		12	6	21.57	21.57	21.52	23.00	
	64QAM	12	13	21.66	21.74	21.61	23.00	
		25	0	21.54	21.62	21.52	23.00	
		1	0	21.59	21.62	21.69	23.00	
		1	13	21.95	21.84	21.92	23.00	
		1	24	21.71	21.71	21.56	23.00	
		12	0	20.81	20.74	20.76	22.00	
	256QAM	12	6	20.72	20.66	20.85	22.00	
		12	13	20.80	20.83	20.62	22.00	
		25	0	20.49	20.64	20.72	22.00	
		1	0	18.51	18.48	18.48	20.00	
		1	13	18.48	18.57	18.58	20.00	
		1	24	18.77	18.53	18.70	20.00	
		12	0	18.47	18.73	18.77	20.00	
		12	6	18.71	18.79	18.71	20.00	
		12	13	18.81	18.89	18.77	20.00	
		25	0	18.58	18.48	18.47	20.00	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz		QPSK			23900	23925	23950	
	1		0	22.99	23.09	23.02	24.50	
	1		25	22.72	22.85	22.96	24.50	
	1		49	22.62	23.03	23.02	24.50	
		25	0	22.43	22.42	22.42	24.00	



	16QAM	25	13	22.53	22.41	22.38	24.00	
		25	25	22.51	22.47	22.54	24.00	
		50	0	22.54	22.50	22.45	24.00	
		1	0	22.52	22.81	22.55	24.00	
		1	25	22.54	22.41	22.67	24.00	
		1	49	22.72	22.84	22.61	24.00	
		25	0	21.56	21.41	21.53	23.00	
		25	13	21.55	21.43	21.55	23.00	
		25	25	21.68	21.40	21.61	23.00	
	50	0	21.60	21.51	21.47	23.00		
	64QAM	1	0	21.65	21.70	21.72	23.00	
		1	25	21.90	21.92	21.86	23.00	
		1	49	21.77	21.65	21.66	23.00	
		25	0	20.73	20.76	20.72	22.00	
		25	13	20.63	20.68	20.76	22.00	
		25	25	20.75	20.73	20.61	22.00	
	256QAM	50	0	20.57	20.68	20.74	22.00	
		1	0	18.59	18.46	18.50	20.00	
		1	25	18.53	18.53	18.62	20.00	
		1	49	18.79	18.62	18.69	20.00	
		25	0	18.53	18.72	18.69	20.00	
		25	13	18.71	18.72	18.70	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	23925	/	
	15MHz	QPSK	1	0	/	23.12	/	24.50
1			38	/	23.22	/	24.50	
1			74	/	23.25	/	24.50	
36			0	/	22.96	/	24.00	
36			18	/	22.93	/	24.00	
36			39	/	22.79	/	24.00	
75			0	/	22.79	/	24.00	
16QAM		1	0	/	23.02	/	24.00	
		1	38	/	23.07	/	24.00	
		1	74	/	23.21	/	24.00	
		36	0	/	21.96	/	23.00	
		36	18	/	21.84	/	23.00	
		36	39	/	21.94	/	23.00	
64QAM		75	0	/	21.94	/	23.00	
		1	0	/	21.75	/	23.00	
		1	38	/	21.88	/	23.00	
		1	74	/	21.84	/	23.00	
		36	0	/	20.71	/	22.00	
		36	18	/	20.78	/	22.00	
256QAM		36	39	/	20.66	/	22.00	
		75	0	/	20.69	/	22.00	
		1	0	/	18.54	/	20.00	
		1	38	/	18.69	/	20.00	
		1	74	/	18.72	/	20.00	
		36	0	/	18.55	/	20.00	
	36	18	/	18.53	/	20.00		
36	39	/	18.69	/	20.00			
		75	0	/	18.57	/	20.00	

LTE Band 19 DSI 2/4/5/6/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				24025	24075	24125	
5MHz	QPSK	1	0	23.30	23.50	23.48	25.00
		1	13	23.43	23.47	23.48	25.00
		1	24	23.57	23.45	23.60	25.00
		12	0	22.34	22.43	22.32	24.00
		12	6	22.61	22.52	22.51	24.00
		12	13	22.52	22.56	22.56	24.00
	16QAM	25	0	22.57	22.48	22.46	24.00
		1	0	22.98	23.15	23.01	24.00
		1	13	22.77	22.83	22.98	24.00
		1	24	22.42	22.29	22.50	24.00
		12	0	21.55	21.48	21.50	23.00
		12	6	21.57	21.51	21.49	23.00
	64QAM	12	13	21.66	21.70	21.68	23.00
		25	0	21.57	21.59	21.56	23.00
		1	0	21.74	21.66	21.77	23.00
		1	13	21.78	22.05	21.84	23.00
		1	24	21.72	21.76	21.84	23.00
		12	0	20.48	20.74	20.60	22.00
	256QAM	12	6	20.65	20.63	20.71	22.00
		12	13	20.83	20.78	20.82	22.00
25		0	20.68	20.61	20.60	22.00	
1		0	18.56	18.55	18.58	20.00	
1		13	18.73	18.74	18.86	20.00	
1		24	18.79	18.71	18.87	20.00	
10MHz	QPSK	12	0	18.60	18.67	18.60	20.00
		12	6	18.61	18.83	18.73	20.00
		12	13	18.78	18.86	18.78	20.00
		25	0	18.63	18.60	18.63	20.00
		1	0	23.42	23.56	23.47	25.00
		1	25	23.73	23.43	23.42	25.00
	16QAM	1	49	23.65	23.46	23.36	25.00
		25	0	22.46	22.56	22.48	24.00
		25	13	22.58	22.40	22.59	24.00
		25	25	22.62	22.51	22.50	24.00
		50	0	22.48	22.46	22.53	24.00
		1	0	22.60	22.89	22.60	24.00
	64QAM	1	25	22.96	22.84	22.60	24.00
		1	49	23.05	22.53	22.84	24.00
		25	0	21.55	21.52	21.53	23.00
		25	13	21.73	21.56	21.70	23.00
		25	25	21.59	21.60	21.48	23.00
		50	0	21.72	21.41	21.63	23.00
	256QAM	1	0	21.65	21.63	21.74	23.00
		1	25	21.85	21.95	21.81	23.00
1		49	21.76	21.79	21.87	23.00	
25		0	20.56	20.71	20.68	22.00	
25		13	20.73	20.69	20.76	22.00	
25		25	20.73	20.76	20.78	22.00	
15MHz	QPSK	50	0	20.61	20.70	20.65	22.00
		1	0	18.64	18.51	18.57	20.00
		1	25	18.80	18.65	18.81	20.00
		1	49	18.71	18.77	18.82	20.00
		25	0	18.58	18.63	18.62	20.00
		25	13	18.69	18.77	18.67	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	24075	/	
15MHz	QPSK	1	0	/	23.76	/	25.00

		1	38	/	23.74	/	25.00
		1	74	/	23.83	/	25.00
		36	0	/	22.85	/	24.00
		36	18	/	22.84	/	24.00
		36	39	/	22.82	/	24.00
		75	0	/	22.87	/	24.00
	16QAM	1	0	/	23.43	/	24.00
		1	38	/	23.24	/	24.00
		1	74	/	23.04	/	24.00
		36	0	/	21.84	/	23.00
		36	18	/	21.80	/	23.00
		36	39	/	21.84	/	23.00
	64QAM	75	0	/	21.89	/	23.00
		1	0	/	21.69	/	23.00
		1	38	/	21.86	/	23.00
		1	74	/	21.81	/	23.00
		36	0	/	20.63	/	22.00
		36	18	/	20.69	/	22.00
	256QAM	36	39	/	20.73	/	22.00
		75	0	/	20.67	/	22.00
		1	0	/	18.59	/	20.00
1		38	/	18.75	/	20.00	
1		74	/	18.77	/	20.00	
36		0	/	18.63	/	20.00	
		36	18	/	18.69	/	20.00
		36	39	/	18.73	/	20.00
		75	0	/	18.69	/	20.00

LTE Band 19 DSI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				24025	24075	24125	
5MHz	QPSK	1	0	23.07	23.04	23.10	24.50
		1	13	23.06	23.04	22.80	24.50
		1	24	22.89	22.93	23.03	24.50
		12	0	22.42	22.41	22.42	24.00
		12	6	22.62	22.51	22.51	24.00
		12	13	22.60	22.51	22.54	24.00
	16QAM	25	0	22.53	22.54	22.34	24.00
		1	0	22.75	23.12	22.59	24.00
		1	13	23.08	22.71	22.77	24.00
		1	24	22.74	23.09	22.83	24.00
		12	0	21.53	21.43	21.47	23.00
		12	6	21.56	21.59	21.45	23.00
	64QAM	12	13	21.55	21.68	21.60	23.00
		25	0	21.70	21.56	21.43	23.00
		1	0	21.74	21.58	21.80	23.00
		1	13	21.81	21.96	21.82	23.00
		1	24	21.74	21.77	21.85	23.00
		12	0	20.62	20.73	20.72	22.00
	256QAM	12	6	20.69	20.59	20.72	22.00
		12	13	20.78	20.80	20.81	22.00
		25	0	20.57	20.73	20.74	22.00
		1	0	18.64	18.53	18.48	20.00
		1	13	18.70	18.63	18.86	20.00
		1	24	18.75	18.79	18.89	20.00
		12	0	18.52	18.67	18.70	20.00
		12	6	18.61	18.82	18.75	20.00
		12	13	18.69	18.70	18.76	20.00
		25	0	18.76	18.63	18.72	20.00
				Channel	Channel	Channel	Tune up
				24050	24075	24100	
10MHz	QPSK	1	0	22.52	23.01	22.82	24.50
		1	25	23.04	22.95	22.84	24.50
		1	49	22.93	23.01	22.83	24.50

		25	0	22.49	22.49	22.52	24.00
		25	13	22.53	22.51	22.54	24.00
		25	25	22.65	22.62	22.51	24.00
	16QAM	50	0	22.51	22.55	22.57	24.00
		1	0	22.44	22.29	22.74	24.00
		1	25	22.95	22.69	22.24	24.00
		1	49	22.64	22.78	22.87	24.00
		25	0	21.48	21.47	21.41	23.00
		25	13	21.68	21.57	21.51	23.00
		25	25	21.60	21.51	21.54	23.00
		50	0	21.63	21.51	21.65	23.00
	64QAM	1	0	21.64	21.61	21.68	23.00
		1	25	21.86	21.98	21.77	23.00
		1	49	21.85	21.74	21.90	23.00
		25	0	20.59	20.67	20.75	22.00
		25	13	20.74	20.64	20.75	22.00
		25	25	20.83	20.86	20.78	22.00
		50	0	20.59	20.78	20.57	22.00
	256QAM	1	0	18.68	18.42	18.66	20.00
		1	25	18.78	18.74	18.88	20.00
		1	49	18.80	18.79	18.76	20.00
25		0	18.58	18.56	18.70	20.00	
25		13	18.69	18.68	18.64	20.00	
25		25	18.83	18.83	18.79	20.00	
50	0	18.70	18.68	18.71	20.00		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				/	24075	/	
<b>15MHz</b>	QPSK	1	0	/	23.12	/	24.50
		1	38	/	23.27	/	24.50
		1	74	/	23.34	/	24.50
		36	0	/	22.81	/	24.00
		36	18	/	22.87	/	24.00
		36	39	/	22.85	/	24.00
		75	0	/	22.89	/	24.00
	16QAM	1	0	/	23.05	/	24.00
		1	38	/	23.43	/	24.00
		1	74	/	23.23	/	24.00
		36	0	/	21.85	/	23.00
		36	18	/	21.84	/	23.00
		36	39	/	21.93	/	23.00
		75	0	/	21.95	/	23.00
	64QAM	1	0	/	21.75	/	23.00
		1	38	/	21.88	/	23.00
		1	74	/	21.77	/	23.00
		36	0	/	20.65	/	22.00
		36	18	/	20.69	/	22.00
		36	39	/	20.73	/	22.00
		75	0	/	20.70	/	22.00
	256QAM	1	0	/	18.66	/	20.00
		1	38	/	18.85	/	20.00
		1	74	/	18.83	/	20.00
		36	0	/	18.61	/	20.00
		36	18	/	18.71	/	20.00
		36	39	/	18.73	/	20.00
75		0	/	18.59	/	20.00	

LTE Band 26 DSI 2/4/5/6/7				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26697	26865	27033		
1.4MHz	QPSK	1	0	23.82	23.60	23.75	25.00	
		1	2	24.11	23.78	23.81	25.00	
		1	5	23.89	23.80	23.81	25.00	
		3	0	24.09	23.97	23.85	25.00	
		3	2	23.94	24.01	23.72	25.00	
		3	3	24.02	24.04	23.73	25.00	
	16QAM	6	0	23.07	22.85	22.80	24.00	
		1	0	23.50	23.29	23.57	24.00	
		1	2	23.54	23.11	23.47	24.00	
		1	5	23.11	23.37	23.37	24.00	
		3	0	23.11	23.02	23.08	24.00	
		3	2	23.20	23.00	22.94	24.00	
	64QAM	3	3	23.22	23.11	22.68	24.00	
		6	0	22.35	21.98	22.08	23.00	
		1	0	21.87	21.88	21.97	23.00	
		1	2	21.82	21.85	21.79	23.00	
		1	5	21.85	21.92	21.85	23.00	
		3	0	21.64	21.67	21.71	23.00	
	256QAM	3	2	21.74	21.81	21.91	23.00	
		3	3	21.80	21.77	21.67	23.00	
		6	0	20.66	20.71	20.66	22.00	
		1	0	18.72	18.73	18.75	20.00	
		1	2	18.86	18.84	18.89	20.00	
		1	5	18.86	18.92	18.95	20.00	
3MHz	QPSK	3	0	18.62	18.60	18.50	20.00	
		1	0	23.64	23.42	23.42	25.00	
		1	7	23.62	23.58	24.41	25.00	
		1	14	23.56	23.63	23.38	25.00	
		8	0	22.61	22.50	22.34	24.00	
		8	4	22.63	22.72	22.47	24.00	
	16QAM	8	7	22.65	22.57	22.47	24.00	
		15	0	22.51	22.43	22.46	24.00	
		1	0	22.66	22.69	22.89	24.00	
		1	7	22.65	22.43	22.45	24.00	
		1	14	22.67	22.91	22.28	24.00	
		8	0	21.53	21.43	21.43	23.00	
	64QAM	8	4	21.71	21.64	21.37	23.00	
		8	7	21.65	21.52	21.59	23.00	
		15	0	21.58	21.47	21.39	23.00	
		1	0	21.74	21.66	21.72	23.00	
		1	7	21.87	21.76	21.70	23.00	
		1	14	21.89	21.78	21.81	23.00	
	256QAM	8	0	20.64	20.73	20.86	22.00	
		8	4	20.79	20.69	20.82	22.00	
		8	7	20.58	20.85	20.72	22.00	
		15	0	20.69	20.68	20.59	22.00	
		1	0	18.61	18.74	18.56	20.00	
		1	7	18.64	18.62	18.54	20.00	
5MHz	QPSK	1	14	18.75	18.72	18.76	20.00	
		8	0	18.77	18.71	18.84	20.00	
		8	4	18.68	18.61	18.80	20.00	
		8	7	18.57	18.75	18.74	20.00	
		15	0	18.70	18.71	18.85	20.00	
		Channel	Channel	Channel	Tune up			
	26715	26865	27015					
	5MHz	QPSK	1	0	23.67	23.70	23.40	25.00

		1	13	23.59	23.67	23.40	25.00
		1	24	23.60	23.61	23.27	25.00
		12	0	22.57	22.63	22.46	24.00
		12	6	22.61	22.63	22.54	24.00
		12	13	22.48	22.58	22.48	24.00
		25	0	22.64	22.56	22.52	24.00
	16QAM	1	0	23.10	22.70	22.56	24.00
		1	13	22.50	22.56	22.60	24.00
		1	24	22.90	22.56	22.76	24.00
		12	0	21.70	21.67	21.48	23.00
		12	6	21.58	21.60	21.61	23.00
		12	13	21.63	21.63	21.44	23.00
	64QAM	25	0	21.66	21.59	21.46	23.00
		1	0	21.67	21.81	21.83	23.00
		1	13	21.84	21.87	21.89	23.00
		1	24	21.88	21.95	21.74	23.00
		12	0	20.72	20.70	20.71	22.00
		12	6	20.86	20.82	20.80	22.00
	256QAM	12	13	20.67	20.84	20.65	22.00
		25	0	20.68	20.63	20.59	22.00
		1	0	18.65	18.68	18.65	20.00
		1	13	18.61	18.56	18.67	20.00
		1	24	18.69	18.75	18.78	20.00
		12	0	18.78	18.71	18.69	20.00
		12	6	18.57	18.68	18.84	20.00
		12	13	18.56	18.73	18.74	20.00
		25	0	18.81	18.78	18.66	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 26740	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	23.55	23.60	23.40	25.00
		1	25	23.54	23.59	23.30	25.00
		1	49	23.54	23.43	23.57	25.00
		25	0	22.73	22.61	22.46	24.00
		25	13	22.62	22.62	22.48	24.00
		25	25	22.51	22.63	22.53	24.00
	16QAM	50	0	22.66	22.59	22.42	24.00
		1	0	22.66	23.04	22.66	24.00
		1	25	22.55	22.52	22.98	24.00
		1	49	23.08	22.95	22.94	24.00
		25	0	21.64	21.58	21.63	23.00
		25	13	21.52	21.58	21.59	23.00
	64QAM	25	25	21.80	21.68	21.54	23.00
		50	0	21.61	21.59	21.54	23.00
		1	0	21.71	21.78	21.90	23.00
		1	25	21.69	21.78	21.87	23.00
		1	49	21.92	21.90	21.88	23.00
		25	0	20.73	20.64	20.78	22.00
	256QAM	25	13	20.87	20.86	20.94	22.00
		25	25	20.68	20.73	20.65	22.00
		50	0	20.67	20.70	20.75	22.00
		1	0	18.74	18.76	18.58	20.00
		1	25	18.69	18.58	18.57	20.00
		1	49	18.78	18.71	18.82	20.00
		25	0	18.80	18.77	18.74	20.00
		25	13	18.70	18.69	18.71	20.00
		25	25	18.65	18.69	18.92	20.00
		50	0	18.75	18.74	18.70	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 26765	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	23.75	23.77	23.72	25.00
		1	38	23.68	23.72	23.77	25.00
		1	74	23.66	23.94	23.62	25.00
		36	0	22.89	22.92	22.88	24.00
		36	18	22.94	22.87	22.90	24.00
		36	39	23.00	22.99	22.94	24.00
		75	0	22.97	22.94	22.81	24.00
	16QAM	1	0	23.10	23.29	23.15	24.00

		1	38	23.35	22.89	23.31	24.00
		1	74	23.48	23.21	23.06	24.00
		36	0	21.88	21.97	21.81	23.00
		36	18	21.95	21.95	21.88	23.00
		36	39	22.04	22.00	21.93	23.00
		75	0	22.08	21.98	21.97	23.00
	64QAM	1	0	21.64	21.73	21.80	23.00
		1	38	21.77	21.83	21.79	23.00
		1	74	21.91	21.86	21.79	23.00
		36	0	20.72	20.71	20.77	22.00
		36	18	20.81	20.76	20.86	22.00
		36	39	20.65	20.75	20.73	22.00
	256QAM	75	0	20.66	20.72	20.66	22.00
		1	0	18.65	18.69	18.60	20.00
		1	38	18.66	18.65	18.63	20.00
		1	74	18.69	18.72	18.80	20.00
		36	0	18.81	18.71	18.78	20.00
		36	18	18.66	18.69	18.76	20.00
		36	39	18.65	18.74	18.84	20.00
		75	0	18.73	18.71	18.75	20.00

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	23.39	23.39	23.17	24.50
		1	2	23.58	23.52	23.39	24.50
		1	5	23.34	23.26	23.16	24.50
		3	0	23.44	23.32	23.35	24.50
		3	2	23.36	23.35	23.24	24.50
		3	3	23.59	23.45	23.27	24.50
	16QAM	6	0	23.06	22.99	22.92	24.00
		1	0	23.10	23.63	23.26	24.00
		1	2	23.62	23.43	23.12	24.00
		1	5	23.41	22.80	23.00	24.00
		3	0	23.09	23.12	23.00	24.00
		3	2	23.03	22.95	22.78	24.00
	64QAM	3	3	22.96	23.07	22.68	24.00
		6	0	22.21	22.22	21.96	23.00
		1	0	21.82	21.95	21.90	23.00
		1	2	21.91	21.86	21.87	23.00
		1	5	21.94	21.84	21.94	23.00
		3	0	21.64	21.74	21.80	23.00
	256QAM	3	2	21.69	21.74	21.86	23.00
		3	3	21.88	21.85	21.67	23.00
		6	0	20.72	20.77	20.75	22.00
		1	0	18.63	18.79	18.82	20.00
		1	2	18.88	18.78	18.94	20.00
		1	5	18.96	18.95	19.00	20.00
		3	0	18.70	18.57	18.69	20.00
		3	2	18.81	18.79	18.85	20.00
		3	3	18.66	18.87	18.67	20.00
		6	0	18.63	18.70	18.43	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	23.24	23.18	22.83	24.50
		1	7	23.00	23.67	22.88	24.50
		1	14	23.09	23.07	22.89	24.50
		8	0	22.60	22.37	22.42	24.00
		8	4	22.57	22.58	22.55	24.00
		8	7	22.64	22.56	22.36	24.00
	16QAM	15	0	22.60	22.51	22.43	24.00
		1	0	23.15	22.86	23.16	24.00
		1	7	22.66	22.55	22.40	24.00
		1	14	22.57	22.57	22.90	24.00

		8	0	21.58	21.46	21.57	23.00	
		8	4	21.68	21.74	21.43	23.00	
		8	7	21.70	21.63	21.47	23.00	
		15	0	21.63	21.55	21.45	23.00	
		64QAM	1	0	21.64	21.65	21.89	23.00
			1	7	21.69	21.83	21.81	23.00
			1	14	21.85	21.81	21.77	23.00
			8	0	20.64	20.61	20.86	22.00
			8	4	20.79	20.80	20.88	22.00
			8	7	20.58	20.81	20.63	22.00
			15	0	20.70	20.68	20.64	22.00
		256QAM	1	0	18.66	18.78	18.68	20.00
			1	7	18.68	18.56	18.69	20.00
			1	14	18.70	18.70	18.89	20.00
			8	0	18.84	18.63	18.78	20.00
8	4		18.62	18.77	18.72	20.00		
8	7		18.68	18.68	18.74	20.00		
15	0		18.78	18.68	18.71	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26715	26865	27015		
5MHz	QPSK	1	0	23.11	23.12	22.95	24.50	
		1	13	23.08	22.98	22.97	24.50	
		1	24	22.92	23.03	23.05	24.50	
		12	0	22.55	22.50	22.40	24.00	
		12	6	22.69	22.50	22.49	24.00	
		12	13	22.55	22.51	22.45	24.00	
	16QAM	25	0	22.53	22.52	22.47	24.00	
		1	0	22.82	23.04	22.99	24.00	
		1	13	22.86	22.61	22.46	24.00	
		1	24	22.62	22.83	22.29	24.00	
		12	0	21.62	21.54	21.51	23.00	
		12	6	21.63	21.54	21.53	23.00	
	64QAM	12	13	21.57	21.62	21.37	23.00	
		25	0	21.65	21.61	21.62	23.00	
		1	0	21.70	21.80	21.80	23.00	
		1	13	21.78	21.87	21.80	23.00	
		1	24	21.99	21.93	21.87	23.00	
		12	0	20.67	20.62	20.86	22.00	
	256QAM	12	6	20.86	20.77	20.95	22.00	
		12	13	20.62	20.82	20.80	22.00	
		25	0	20.69	20.67	20.61	22.00	
		1	0	18.57	18.62	18.63	20.00	
		1	13	18.72	18.61	18.57	20.00	
		1	24	18.67	18.62	18.77	20.00	
	12	0	18.77	18.64	18.76	20.00		
	12	6	18.70	18.71	18.86	20.00		
	12	13	18.73	18.79	18.77	20.00		
	25	0	18.80	18.61	18.70	20.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					26740	26865	26990	
10MHz	QPSK	1	0	22.99	22.92	22.82	24.50	
		1	25	22.87	23.13	22.79	24.50	
		1	49	23.08	22.93	22.76	24.50	
		25	0	22.63	22.56	22.38	24.00	
		25	13	22.57	22.55	22.50	24.00	
		25	25	22.63	22.63	22.55	24.00	
	16QAM	50	0	22.67	22.58	22.54	24.00	
		1	0	23.05	22.91	22.99	24.00	
		1	25	22.57	22.58	22.27	24.00	
		1	49	22.51	22.50	23.19	24.00	
		25	0	21.69	21.55	21.50	23.00	
		25	13	21.65	21.73	21.57	23.00	
	64QAM	25	25	21.57	21.61	21.65	23.00	
		50	0	21.77	21.57	21.53	23.00	
		1	0	21.57	21.71	21.82	23.00	
		1	25	21.67	21.76	21.79	23.00	
		1	49	22.00	21.89	21.69	23.00	



		25	0	20.66	20.67	20.87	22.00	
		25	13	20.89	20.71	20.90	22.00	
		25	25	20.68	20.79	20.69	22.00	
		50	0	20.64	20.79	20.63	22.00	
		1	0	18.75	18.70	18.58	20.00	
		1	25	18.69	18.55	18.65	20.00	
		1	49	18.75	18.72	18.74	20.00	
		25	0	18.82	18.67	18.86	20.00	
		25	13	18.62	18.73	18.78	20.00	
		25	25	18.55	18.70	18.89	20.00	
50	0	18.77	18.65	18.83	20.00			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26765	26865	26965		
15MHz	QPSK	1	0	23.34	23.24	23.29	24.50	
		1	38	23.50	23.32	23.21	24.50	
		1	74	23.29	23.33	23.24	24.50	
		36	0	22.89	22.96	22.81	24.00	
		36	18	23.05	22.98	22.95	24.00	
		36	39	23.00	23.01	22.93	24.00	
	16QAM	75	0	23.02	22.97	22.91	24.00	
		1	0	23.38	23.42	22.95	24.00	
		1	38	23.13	23.04	23.09	24.00	
		1	74	22.99	22.84	22.80	24.00	
		36	0	21.94	22.04	21.93	23.00	
		36	18	22.00	21.99	21.96	23.00	
	64QAM	36	39	21.98	22.05	21.92	23.00	
		75	0	22.07	22.00	21.89	23.00	
		1	0	21.59	21.79	21.86	23.00	
		1	38	21.67	21.80	21.76	23.00	
		1	74	21.89	21.91	21.80	23.00	
		36	0	20.76	20.80	20.77	22.00	
	256QAM	36	18	20.75	20.83	20.92	22.00	
		36	39	20.75	20.75	20.63	22.00	
		75	0	20.65	20.65	20.66	22.00	
		1	0	18.69	18.66	18.59	20.00	
		1	38	18.61	18.68	18.73	20.00	
		1	74	18.70	18.73	18.70	20.00	
			36	0	18.72	18.67	18.73	20.00
			36	18	18.72	18.59	18.82	20.00
			36	39	18.63	18.75	18.83	20.00
			75	0	18.81	18.76	18.71	20.00

## 2 Conducted Power of Main Antenna (Ant15)

### 2.1 Conducted Power of GSM

GSM 1900 DSI 4/5/6/7										
		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	30.25	30.25	30.32	31.00	-9.19	21.06	21.06	21.13	21.81
GPRS (GMSK)	1 TX Slot	30.28	30.28	30.34	31.00	-9.19	21.09	21.09	21.15	21.81
	2 TX Slots	27.36	27.27	27.48	28.00	-6.18	21.18	21.09	21.30	21.82
	3 TX Slots	25.34	25.22	25.16	26.00	-4.42	20.92	20.80	20.74	21.58
	4 TX Slots	22.85	23.25	23.24	24.00	-3.17	19.68	20.08	20.07	20.83
EGPRS (GMSK)	1 TX Slot	30.42	30.22	30.33	31.00	-9.19	21.23	21.03	21.14	21.81
	2 TX Slots	27.61	27.18	27.58	28.00	-6.18	21.43	21.00	21.40	21.82
	3 TX Slots	25.50	25.16	25.34	26.00	-4.42	21.08	20.74	20.92	21.58
	4 TX Slots	22.78	23.40	23.26	24.00	-3.17	19.61	20.23	20.09	20.83
EGPRS (8PSK)	1 TX Slot	26.38	26.18	26.26	27.00	-9.19	17.19	16.99	17.07	17.81
	2 TX Slots	24.12	24.29	24.34	25.00	-6.18	17.94	18.11	18.16	18.82
	3 TX Slots	22.32	22.23	22.08	23.00	-4.42	17.90	17.81	17.66	18.58
	4 TX Slots	20.95	20.92	20.71	21.50	-3.17	17.78	17.75	17.54	18.33

## 2.2 Conducted Power of WCDMA

WCDMA Band II DSI 4/7					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	21.62	21.64	21.55	22.80
	12.2kbps AMR	21.58	21.60	21.52	22.80
HSDPA	Subtest 1	20.84	20.82	20.84	21.80
	Subtest 2	20.83	20.88	20.80	21.80
	Subtest 3	20.33	20.37	20.33	21.50
	Subtest 4	20.32	20.33	20.24	21.50
HSUPA	Subtest 1	20.86	20.85	20.80	21.80
	Subtest 2	18.80	18.82	18.78	19.80
	Subtest 3	19.82	19.85	19.79	20.80
	Subtest 4	18.81	18.81	18.72	19.80
DC-HSDPA	Subtest 5	20.80	20.80	20.80	21.80
	Subtest 1	20.87	20.79	20.90	21.80
	Subtest 2	20.82	20.91	20.75	21.80
	Subtest 3	20.25	20.33	20.36	21.50
HSPA+	Subtest 4	20.35	20.31	20.29	21.50
	16QAM	19.20	19.13	18.92	20.00

WCDMA Band II DSI 5/6					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.08	20.16	20.05	21.30
	12.2kbps AMR	20.05	20.11	20.00	21.30
HSDPA	Subtest 1	19.29	19.35	19.34	20.30
	Subtest 2	19.28	19.34	19.27	20.30
	Subtest 3	18.82	18.89	18.82	20.00
	Subtest 4	18.81	18.87	18.82	20.00
HSUPA	Subtest 1	19.32	19.35	19.28	20.30
	Subtest 2	17.31	17.28	17.32	18.30
	Subtest 3	18.30	18.33	18.27	19.30
	Subtest 4	17.30	17.35	17.31	18.30
DC-HSDPA	Subtest 5	19.20	19.30	19.30	20.30
	Subtest 1	19.23	19.26	19.37	20.30
	Subtest 2	19.19	19.30	19.32	20.30
	Subtest 3	18.91	18.94	18.80	20.00
HSPA+	Subtest 4	18.78	18.90	18.91	20.00
	16QAM	17.59	17.68	17.67	18.50

WCDMA Band IV DSI 4/7					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.11	21.03	21.04	22.00
	12.2kbps AMR	21.06	20.99	21.01	22.00
HSDPA	Subtest 1	20.10	20.02	20.04	21.30
	Subtest 2	20.11	20.03	20.10	21.30
	Subtest 3	19.61	19.52	19.61	20.80
	Subtest 4	19.57	19.49	19.55	20.80
HSUPA	Subtest 1	20.08	19.47	20.03	21.30
	Subtest 2	18.06	18.02	18.03	19.30
	Subtest 3	19.11	18.93	19.04	20.30
	Subtest 4	18.04	18.01	18.00	19.30
DC-HSDPA	Subtest 5	20.00	19.90	20.00	21.30
	Subtest 1	20.14	20.03	19.97	21.30
	Subtest 2	20.01	20.10	20.15	21.30
	Subtest 3	19.59	19.61	19.59	20.80
HSPA+	Subtest 4	19.56	19.39	19.60	20.80
	16QAM	18.34	18.27	18.23	19.30

WCDMA Band IV DSI 5/6					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.06	19.03	19.00	20.00
	12.2kbps AMR	19.02	19.01	18.95	20.00
HSDPA	Subtest 1	18.07	17.98	18.10	19.30
	Subtest 2	18.07	18.01	18.09	19.30
	Subtest 3	17.58	17.54	17.60	18.80
	Subtest 4	17.56	17.50	17.60	18.80
HSUPA	Subtest 1	18.03	17.95	18.00	19.30
	Subtest 2	16.07	15.95	15.96	17.30
	Subtest 3	17.04	16.94	17.00	18.30
	Subtest 4	16.03	15.95	15.99	17.30
	Subtest 5	18.00	17.90	18.00	19.30
DC-HSDPA	Subtest 1	17.98	17.97	18.06	19.30
	Subtest 2	18.01	18.07	18.09	19.30
	Subtest 3	17.58	17.61	17.69	18.80
	Subtest 4	17.52	17.46	17.54	18.80
HSPA+	16QAM	16.35	16.21	16.29	17.30

### 2.3 Conducted Power of LTE

LTE Band 2 DSI 4/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.08	22.38	22.22	23.30
		1	2	22.04	22.20	22.27	23.30
		1	5	22.33	22.15	22.24	23.30
		3	0	22.17	22.39	22.05	23.30
		3	2	22.04	22.14	22.35	23.30
		3	3	22.20	22.21	22.28	23.30
	16QAM	6	0	21.78	21.71	21.69	22.80
		1	0	21.99	21.85	21.82	22.80
		1	2	21.81	21.85	21.94	22.80
		1	5	21.76	21.74	21.65	22.80
		3	0	22.01	21.83	21.80	22.80
		3	2	21.86	21.85	21.94	22.80
	64QAM	3	3	21.83	21.62	21.62	22.80
		6	0	20.98	20.85	20.71	21.80
		1	0	20.50	20.68	20.41	21.80
		1	2	20.65	20.69	20.72	21.80
		1	5	20.70	20.74	20.83	21.80
		3	0	20.60	20.63	20.41	21.80
	256QAM	3	2	20.54	20.62	20.80	21.80
		3	3	20.65	20.69	20.65	21.80
		6	0	19.72	19.42	19.58	20.80
		1	0	17.58	17.51	17.33	18.80
		1	2	17.59	17.62	17.69	18.80
		1	5	17.57	17.59	17.36	18.80
3MHz	QPSK	3	0	17.61	17.55	17.35	18.80
		3	2	17.44	17.57	17.72	18.80
		3	3	17.46	17.62	17.51	18.80
		6	0	17.60	17.42	17.48	18.80
		1	0	22.15	22.31	22.15	23.30
		1	7	22.13	22.22	22.29	23.30
	16QAM	1	14	22.25	22.18	22.20	23.30
		8	0	21.83	21.69	21.71	22.80
		8	4	21.98	21.81	21.81	22.80
		8	7	21.83	21.79	21.84	22.80
		15	0	21.95	21.86	21.75	22.80
		1	0	22.08	22.08	22.12	22.80
	64QAM	1	7	21.91	21.83	22.21	22.80
		1	14	21.80	22.07	22.15	22.80
		8	0	20.90	20.81	20.85	21.80
		8	4	20.81	20.80	20.79	21.80
		8	7	20.86	20.87	20.81	21.80
		15	0	20.97	20.83	20.62	21.80
	256QAM	1	0	20.65	20.66	20.39	21.80
		1	7	20.63	20.70	20.74	21.80
		1	14	20.60	20.70	20.75	21.80
		8	0	19.76	19.64	19.63	20.80
		8	4	19.58	19.59	19.70	20.80
		8	7	19.58	19.71	19.61	20.80
QPSK	15	0	19.71	19.52	19.66	20.80	
	1	0	17.63	17.49	17.38	18.80	
	1	7	17.54	17.67	17.67	18.80	
	1	14	17.50	17.60	17.43	18.80	
	8	0	17.43	17.67	17.48	18.80	
	8	4	17.46	17.61	17.58	18.80	
16QAM	8	7	17.62	17.68	17.53	18.80	
	15	0	17.65	17.47	17.54	18.80	
	1	0	17.63	17.49	17.38	18.80	
	1	7	17.54	17.67	17.67	18.80	
	1	14	17.50	17.60	17.43	18.80	
	8	0	17.43	17.67	17.48	18.80	
64QAM	8	4	17.46	17.61	17.58	18.80	
	8	7	17.62	17.68	17.53	18.80	
	15	0	17.65	17.47	17.54	18.80	
	1	0	17.63	17.49	17.38	18.80	
	1	7	17.54	17.67	17.67	18.80	
	1	14	17.50	17.60	17.43	18.80	
256QAM	8	0	17.43	17.67	17.48	18.80	
	8	4	17.46	17.61	17.58	18.80	
	8	7	17.62	17.68	17.53	18.80	
	15	0	17.65	17.47	17.54	18.80	
	1	0	17.63	17.49	17.38	18.80	
	1	7	17.54	17.67	17.67	18.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	

5MHz	QPSK	1	0	22.31	22.31	22.12	23.30
		1	13	22.24	22.22	22.33	23.30
		1	24	22.28	22.21	22.39	23.30
		12	0	21.65	21.68	21.67	22.80
		12	6	21.95	21.69	21.89	22.80
		12	13	21.89	21.82	21.68	22.80
	16QAM	25	0	21.91	21.85	21.77	22.80
		1	0	22.01	22.02	22.05	22.80
		1	13	22.04	21.85	22.16	22.80
		1	24	21.65	22.08	22.22	22.80
		12	0	20.88	20.86	20.86	21.80
		12	6	20.77	20.85	20.75	21.80
	64QAM	12	13	20.94	20.87	20.83	21.80
		25	0	21.06	20.80	20.74	21.80
		1	0	20.57	20.58	20.43	21.80
		1	13	20.71	20.65	20.83	21.80
		1	24	20.60	20.75	20.82	21.80
		12	0	19.67	19.70	19.66	20.80
	256QAM	12	6	19.57	19.60	19.60	20.80
		12	13	19.62	19.56	19.66	20.80
25		0	19.63	19.61	19.57	20.80	
1		0	17.53	17.58	17.42	18.80	
1		13	17.66	17.58	17.64	18.80	
1		24	17.51	17.58	17.39	18.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.22	22.29	22.17	23.30
		1	25	22.14	22.08	22.27	23.30
		1	49	22.18	22.33	22.28	23.30
		25	0	21.75	21.65	21.71	22.80
		25	13	21.95	21.85	21.96	22.80
		25	25	21.90	21.82	21.69	22.80
	16QAM	50	0	21.90	21.89	21.75	22.80
		1	0	22.13	21.89	22.03	22.80
		1	25	22.00	21.89	22.17	22.80
		1	49	21.73	22.09	22.16	22.80
		25	0	20.97	20.72	20.82	21.80
		25	13	20.92	20.78	20.79	21.80
	64QAM	25	25	20.94	20.74	20.97	21.80
		50	0	21.08	20.66	20.77	21.80
		1	0	20.62	20.54	20.39	21.80
		1	25	20.77	20.67	20.85	21.80
		1	49	20.62	20.79	20.82	21.80
		25	0	19.67	19.73	19.56	20.80
	256QAM	25	13	19.53	19.72	19.71	20.80
		25	25	19.56	19.73	19.67	20.80
50		0	19.55	19.50	19.55	20.80	
1		0	17.54	17.48	17.51	18.80	
1		25	17.51	17.61	17.60	18.80	
1		49	17.43	17.51	17.37	18.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	25	25	19.67	19.73	19.56	20.80
		1	0	22.28	22.26	22.19	23.30
		1	38	22.23	22.10	22.42	23.30
		1	74	22.34	22.18	22.20	23.30
		36	0	21.77	21.60	21.76	22.80
		36	18	21.86	21.77	21.96	22.80
		36	39	21.83	21.73	21.77	22.80
		75	0	21.75	21.74	21.73	22.80

	16QAM	1	0	22.07	21.99	22.18	22.80
		1	38	21.90	21.92	22.20	22.80
		1	74	21.72	22.06	22.32	22.80
		36	0	20.99	20.76	20.78	21.80
		36	18	20.75	20.86	20.71	21.80
		36	39	20.90	20.82	20.87	21.80
		75	0	20.95	20.79	20.68	21.80
	64QAM	1	0	20.51	20.52	20.46	21.80
		1	38	20.76	20.72	20.80	21.80
		1	74	20.65	20.78	20.73	21.80
		36	0	19.80	19.69	19.60	20.80
		36	18	19.50	19.70	19.69	20.80
		36	39	19.57	19.75	19.76	20.80
	256QAM	75	0	19.67	19.59	19.57	20.80
		1	0	17.62	17.47	17.45	18.80
		1	38	17.50	17.63	17.56	18.80
		1	74	17.50	17.58	17.49	18.80
		36	0	17.60	17.52	17.42	18.80
		36	18	17.61	17.62	17.57	18.80
		36	39	17.71	17.58	17.43	18.80
	75	0	17.53	17.55	17.70	18.80	
<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>
				18700	18900	19100	
<b>20MHz</b>	QPSK	1	0	22.21	22.28	22.09	23.30
		1	50	22.17	22.14	22.32	23.30
		1	99	22.24	22.23	22.30	23.30
		50	0	21.75	21.69	21.76	22.80
		50	25	21.89	21.78	21.91	22.80
		50	50	21.81	21.82	21.77	22.80
		100	0	21.85	21.81	21.81	22.80
	16QAM	1	0	22.06	21.98	22.11	22.80
		1	50	21.96	21.86	22.22	22.80
		1	99	21.74	22.16	22.25	22.80
		50	0	20.93	20.81	20.81	21.80
		50	25	20.82	20.80	20.79	21.80
		50	50	20.90	20.80	20.88	21.80
		100	0	20.98	20.75	20.67	21.80
	64QAM	1	0	20.55	20.58	20.48	21.80
		1	50	20.70	20.69	20.79	21.80
		1	99	20.70	20.73	20.80	21.80
		50	0	19.70	19.67	19.57	20.80
		50	25	19.59	19.62	19.68	20.80
		50	50	19.64	19.65	19.66	20.80
		100	0	19.62	19.58	19.63	20.80
	256QAM	1	0	17.53	17.49	17.43	18.80
		1	50	17.58	17.63	17.63	18.80
		1	99	17.41	17.51	17.41	18.80
		50	0	17.50	17.58	17.50	18.80
		50	25	17.53	17.53	17.52	18.80
		50	50	17.62	17.61	17.52	18.80
100		0	17.59	17.54	17.60	18.80	

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	20.17	20.01	20.14	21.30
		1	2	20.13	20.25	20.11	21.30
		1	5	20.08	20.25	20.02	21.30
		3	0	20.08	20.11	20.29	21.30
		3	2	20.12	20.38	20.16	21.30
		3	3	20.36	20.06	20.13	21.30
	16QAM	6	0	20.26	20.35	20.18	21.30
		1	0	20.50	20.49	20.64	21.30
		1	2	20.66	20.33	20.60	21.30
		1	5	20.71	20.41	20.39	21.30
		3	0	20.41	20.16	20.02	21.30
		3	2	20.41	20.23	20.29	21.30
	64QAM	3	3	20.39	20.22	20.26	21.30
		6	0	20.37	20.09	20.28	21.30
		1	0	20.25	20.28	20.22	21.30
		1	2	20.19	20.08	20.15	21.30
		1	5	20.22	20.27	20.31	21.30
		3	0	20.35	20.13	20.23	21.30
	256QAM	3	2	20.33	20.20	20.20	21.30
		3	3	20.30	20.07	20.20	21.30
		6	0	19.71	19.66	19.58	20.80
		1	0	17.52	17.68	17.70	18.80
		1	2	17.60	17.60	17.67	18.80
		1	5	17.55	17.48	17.53	18.80
3MHz	QPSK	3	0	17.65	17.70	17.63	18.80
		3	2	17.62	17.56	17.51	18.80
		3	3	17.68	17.56	17.61	18.80
		6	0	17.46	17.50	17.47	18.80
		1	0	20.18	20.09	20.09	21.30
		1	7	20.09	20.15	20.01	21.30
	16QAM	1	14	20.13	20.20	20.05	21.30
		8	0	20.12	20.17	20.25	21.30
		8	4	20.22	20.29	20.26	21.30
		8	7	20.34	20.15	20.20	21.30
		15	0	20.26	20.34	20.16	21.30
		1	0	20.55	20.43	20.73	21.30
	64QAM	1	7	20.62	20.29	20.60	21.30
		1	14	20.63	20.32	20.36	21.30
		8	0	20.34	20.25	20.12	21.30
		8	4	20.31	20.14	20.29	21.30
		8	7	20.43	20.30	20.23	21.30
		15	0	20.40	20.19	20.31	21.30
	256QAM	1	0	20.12	20.27	20.16	21.30
		1	7	20.07	20.07	20.32	21.30
		1	14	20.22	20.15	20.25	21.30
		8	0	19.77	19.54	19.69	20.80
		8	4	19.66	19.64	19.79	20.80
		8	7	19.75	19.78	19.63	20.80
5MHz	QPSK	15	0	19.62	19.64	19.60	20.80
		1	0	17.57	17.69	17.70	18.80
		1	7	17.48	17.65	17.53	18.80
		1	14	17.58	17.40	17.63	18.80
		8	0	17.59	17.69	17.69	18.80
		8	4	17.67	17.56	17.50	18.80
5MHz	QPSK	8	7	17.60	17.54	17.73	18.80
		15	0	17.48	17.57	17.46	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	18625	18900	19175	21.30
				1	13	20.06	



	16QAM	1	24	20.01	20.24	20.14	21.30
		12	0	20.19	20.20	20.22	21.30
		12	6	20.16	20.22	20.32	21.30
		12	13	20.34	20.15	20.21	21.30
		25	0	20.15	20.17	20.25	21.30
		1	0	20.66	20.50	20.74	21.30
		1	13	20.58	20.33	20.61	21.30
		1	24	20.47	20.44	20.37	21.30
		12	0	20.26	20.10	20.19	21.30
		12	6	20.30	20.24	20.35	21.30
		12	13	20.34	20.33	20.14	21.30
		25	0	20.22	20.10	20.34	21.30
	64QAM	1	0	20.32	20.20	20.23	21.30
		1	13	20.14	20.19	20.21	21.30
		1	24	20.36	20.22	20.26	21.30
		12	0	19.62	19.54	19.75	20.80
		12	6	19.66	19.75	19.68	20.80
		12	13	19.80	19.72	19.76	20.80
	256QAM	25	0	19.54	19.69	19.54	20.80
		1	0	17.47	17.67	17.61	18.80
		1	13	17.52	17.67	17.69	18.80
		1	24	17.55	17.41	17.57	18.80
		12	0	17.64	17.68	17.68	18.80
		12	6	17.70	17.64	17.61	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.27	20.10	19.94	21.30
		1	25	20.06	20.28	20.10	21.30
		1	49	20.00	20.20	20.05	21.30
		25	0	20.17	20.22	20.23	21.30
		25	13	20.26	20.29	20.25	21.30
		25	25	20.28	20.24	20.36	21.30
	16QAM	50	0	20.14	20.22	20.31	21.30
		1	0	20.69	20.45	20.73	21.30
		1	25	20.50	20.20	20.63	21.30
		1	49	20.55	20.41	20.42	21.30
		25	0	20.27	20.14	20.11	21.30
		25	13	20.26	20.08	20.26	21.30
	64QAM	25	25	20.46	20.33	20.12	21.30
		50	0	20.31	20.15	20.37	21.30
		1	0	20.29	20.09	20.33	21.30
		1	25	20.17	20.07	20.16	21.30
		1	49	20.26	20.18	20.28	21.30
		25	0	19.62	19.70	19.74	20.80
	256QAM	25	13	19.70	19.64	19.71	20.80
		25	25	19.60	19.73	19.76	20.80
		50	0	19.64	19.61	19.61	20.80
		1	0	17.58	17.59	17.71	18.80
		1	25	17.59	17.52	17.56	18.80
		1	49	17.59	17.38	17.58	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.17	20.16	20.07	21.30
		1	38	20.11	20.20	20.03	21.30
		1	74	20.14	20.20	20.16	21.30
		36	0	20.10	20.21	20.19	21.30
		36	18	20.15	20.18	20.20	21.30
		36	39	20.20	20.29	20.28	21.30
	16QAM	75	0	20.12	20.25	20.24	21.30
		1	0	20.51	20.39	20.59	21.30
		1	38	20.59	20.23	20.62	21.30

		1	74	20.61	20.40	20.42	21.30
		36	0	20.34	20.09	20.26	21.30
		36	18	20.25	20.12	20.34	21.30
		36	39	20.26	20.35	20.18	21.30
		75	0	20.40	20.22	20.39	21.30
		1	0	20.17	20.20	20.25	21.30
	64QAM	1	38	20.09	20.21	20.23	21.30
		1	74	20.38	20.13	20.16	21.30
		36	0	19.74	19.62	19.76	20.80
		36	18	19.60	19.71	19.70	20.80
		36	39	19.63	19.66	19.65	20.80
		75	0	19.72	19.64	19.48	20.80
	256QAM	1	0	17.61	17.64	17.59	18.80
		1	38	17.58	17.68	17.65	18.80
		1	74	17.59	17.55	17.50	18.80
		36	0	17.65	17.66	17.71	18.80
		36	18	17.60	17.56	17.62	18.80
		36	39	17.70	17.61	17.59	18.80
75	0	17.59	17.43	17.49	18.80		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.27	20.09	20.04	21.30
		1	50	20.11	20.23	20.09	21.30
		1	99	20.10	20.17	20.09	21.30
		50	0	20.20	20.26	20.18	21.30
		50	25	20.25	20.20	20.25	21.30
		50	50	20.29	20.19	20.30	21.30
	16QAM	100	0	20.21	20.25	20.23	21.30
		1	0	20.61	20.42	20.66	21.30
		1	50	20.52	20.27	20.62	21.30
		1	99	20.55	20.40	20.32	21.30
		50	0	20.29	20.17	20.18	21.30
		50	25	20.31	20.15	20.25	21.30
	64QAM	50	50	20.36	20.34	20.22	21.30
		100	0	20.31	20.20	20.32	21.30
		1	0	20.22	20.19	20.24	21.30
		1	50	20.13	20.16	20.23	21.30
		1	99	20.30	20.23	20.26	21.30
		50	0	19.68	19.60	19.67	20.80
	256QAM	50	25	19.61	19.68	19.73	20.80
		50	50	19.70	19.73	19.69	20.80
		100	0	19.64	19.65	19.55	20.80
		1	0	17.53	17.59	17.67	18.80
		1	50	17.51	17.60	17.62	18.80
		1	99	17.52	17.47	17.56	18.80
		50	0	17.59	17.62	17.67	18.80
		50	25	17.63	17.59	17.56	18.80
		50	50	17.63	17.62	17.63	18.80
		100	0	17.55	17.52	17.47	18.80

LTE Band 4 DSI 4/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.50	21.68	21.57	22.30
		1	2	21.46	21.45	21.36	22.30
		1	5	21.55	21.46	21.44	22.30
		3	0	21.61	21.82	21.49	22.30
		3	2	21.69	21.80	21.62	22.30
		3	3	21.65	21.68	21.77	22.30
	16QAM	6	0	21.75	21.79	21.59	22.30
		1	0	21.73	21.83	21.47	22.30
		1	2	21.85	22.05	21.85	22.30
		1	5	21.72	21.88	21.65	22.30
		3	0	21.71	21.62	21.62	22.30
		3	2	21.53	21.59	21.64	22.30
	64QAM	3	3	21.65	21.54	21.59	22.30
		6	0	21.58	21.57	21.44	22.30
		1	0	21.43	21.35	21.51	22.30
		1	2	21.57	21.50	21.54	22.30
		1	5	21.37	21.57	21.47	22.30
		3	0	21.38	21.29	21.35	22.30
	256QAM	3	2	21.55	21.41	21.48	22.30
		3	3	21.42	21.43	21.45	22.30
		6	0	20.54	20.36	20.38	21.30
		1	0	18.39	18.26	18.21	19.30
		1	2	18.29	18.36	18.43	19.30
		1	5	18.50	18.26	18.47	19.30
3MHz	QPSK	3	0	18.46	18.16	18.05	19.30
		3	2	18.19	18.33	18.39	19.30
		3	3	18.51	18.29	18.51	19.30
		6	0	18.37	18.23	18.37	19.30
		1	0	21.56	21.69	21.66	22.30
		1	7	21.50	21.50	21.33	22.30
	16QAM	1	14	21.45	21.53	21.52	22.30
		8	0	21.70	21.72	21.59	22.30
		8	4	21.74	21.74	21.55	22.30
		8	7	21.68	21.75	21.68	22.30
		15	0	21.72	21.74	21.56	22.30
		1	0	21.81	21.74	21.56	22.30
	64QAM	1	7	21.81	21.97	21.89	22.30
		1	14	21.82	21.83	21.64	22.30
		8	0	21.72	21.67	21.55	22.30
		8	4	21.60	21.59	21.65	22.30
		8	7	21.69	21.58	21.59	22.30
		15	0	21.50	21.57	21.51	22.30
	256QAM	1	0	21.44	21.45	21.33	22.30
		1	7	21.52	21.44	21.55	22.30
		1	14	21.42	21.58	21.54	22.30
		8	0	20.39	20.23	20.44	21.30
		8	4	20.55	20.46	20.44	21.30
		8	7	20.51	20.27	20.39	21.30
5MHz	QPSK	15	0	20.52	20.35	20.39	21.30
		1	0	18.43	18.18	18.14	19.30
		1	7	18.29	18.29	18.40	19.30
		1	14	18.41	18.29	18.44	19.30
		8	0	18.13	18.21	18.32	19.30
		8	4	18.47	18.45	18.35	19.30
5MHz	QPSK	8	7	18.39	18.42	18.33	19.30
		15	0	18.37	18.26	18.20	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	19975	20175	20375	22.30
				21.61	21.72	21.71	
				21.40	21.50	21.44	22.30

	16QAM	1	24	21.63	21.56	21.53	22.30	
		12	0	21.68	21.74	21.62	22.30	
		12	6	21.75	21.69	21.61	22.30	
		12	13	21.62	21.66	21.56	22.30	
		25	0	21.72	21.66	21.76	22.30	
		1	0	21.78	21.85	21.65	22.30	
		1	13	21.83	22.01	21.88	22.30	
		1	24	21.79	21.67	21.65	22.30	
		12	0	21.53	21.57	21.46	22.30	
		12	6	21.66	21.58	21.66	22.30	
		12	13	21.61	21.43	21.55	22.30	
		25	0	21.61	21.66	21.46	22.30	
	64QAM	1	0	21.38	21.38	21.45	22.30	
		1	13	21.48	21.43	21.49	22.30	
		1	24	21.34	21.41	21.55	22.30	
		12	0	20.32	20.20	20.31	21.30	
		12	6	20.45	20.53	20.55	21.30	
		12	13	20.37	20.29	20.23	21.30	
	256QAM	25	0	20.38	20.42	20.33	21.30	
		1	0	18.30	18.29	18.34	19.30	
		1	13	18.32	18.20	18.45	19.30	
		1	24	18.28	18.32	18.48	19.30	
		12	0	18.18	18.13	18.33	19.30	
		12	6	18.39	18.32	18.45	19.30	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				20000	20175	20350		
	<b>10MHz</b>	QPSK	1	0	21.42	21.81	21.68	22.30
			1	25	21.45	21.41	21.36	22.30
			1	49	21.49	21.56	21.53	22.30
			25	0	21.70	21.67	21.55	22.30
			25	13	21.62	21.77	21.52	22.30
			25	25	21.54	21.67	21.67	22.30
		16QAM	50	0	21.77	21.63	21.63	22.30
			1	0	21.92	21.81	21.50	22.30
			1	25	21.82	21.87	21.81	22.30
			1	49	21.94	21.78	21.71	22.30
			25	0	21.65	21.67	21.64	22.30
			25	13	21.65	21.57	21.55	22.30
		64QAM	25	25	21.65	21.46	21.56	22.30
			50	0	21.53	21.48	21.40	22.30
			1	0	21.49	21.40	21.35	22.30
			1	25	21.56	21.53	21.48	22.30
			1	49	21.52	21.51	21.59	22.30
			25	0	20.47	20.27	20.34	21.30
		256QAM	25	13	20.51	20.46	20.36	21.30
			25	25	20.33	20.30	20.39	21.30
			50	0	20.52	20.48	20.38	21.30
			1	0	18.38	18.26	18.28	19.30
1			25	18.39	18.29	18.28	19.30	
1			49	18.33	18.33	18.29	19.30	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				20025	20175	20325		
	<b>15MHz</b>	QPSK	1	0	21.60	21.79	21.67	22.30
			1	38	21.51	21.42	21.29	22.30
			1	74	21.58	21.38	21.44	22.30
			36	0	21.68	21.54	21.69	22.30
			36	18	21.72	21.71	21.68	22.30
			36	39	21.54	21.71	21.61	22.30
		16QAM	75	0	21.66	21.54	21.63	22.30
			1	0	21.84	21.86	21.58	22.30
			1	38	21.76	21.91	21.72	22.30

		1	74	21.92	21.76	21.58	22.30	
		36	0	21.66	21.59	21.61	22.30	
		36	18	21.67	21.58	21.60	22.30	
		36	39	21.55	21.47	21.55	22.30	
		75	0	21.52	21.48	21.50	22.30	
		1	0	21.48	21.28	21.53	22.30	
	64QAM	1	38	21.53	21.44	21.60	22.30	
		1	74	21.41	21.59	21.51	22.30	
		36	0	20.40	20.27	20.39	21.30	
		36	18	20.57	20.39	20.35	21.30	
		36	39	20.43	20.37	20.30	21.30	
		75	0	20.38	20.44	20.21	21.30	
	256QAM	1	0	18.41	18.25	18.23	19.30	
		1	38	18.35	18.36	18.27	19.30	
		1	74	18.36	18.32	18.35	19.30	
		36	0	18.27	18.16	18.25	19.30	
		36	18	18.50	18.27	18.33	19.30	
		36	39	18.33	18.36	18.32	19.30	
75	0	18.34	18.30	18.23	19.30			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	QPSK	1	0	21.51	21.71	21.64	22.30	
		1	50	21.42	21.50	21.36	22.30	
		1	99	21.55	21.47	21.43	22.30	
		50	0	21.68	21.64	21.64	22.30	
		50	25	21.71	21.67	21.62	22.30	
		50	50	21.64	21.65	21.62	22.30	
	16QAM	100	0	21.68	21.64	21.66	22.30	
		1	0	21.82	21.84	21.55	22.30	
		1	50	21.77	21.94	21.81	22.30	
		1	99	21.86	21.74	21.66	22.30	
		50	0	21.62	21.60	21.55	22.30	
		50	25	21.68	21.61	21.62	22.30	
	64QAM	50	50	21.64	21.52	21.60	22.30	
		100	0	21.58	21.56	21.48	22.30	
		1	0	21.43	21.38	21.43	22.30	
		1	50	21.47	21.49	21.53	22.30	
		1	99	21.44	21.51	21.55	22.30	
		50	0	20.38	20.30	20.35	21.30	
	256QAM	50	25	20.50	20.43	20.45	21.30	
		50	50	20.43	20.37	20.32	21.30	
		100	0	20.44	20.39	20.29	21.30	
		1	0	18.36	18.27	18.24	19.30	
		1	50	18.34	18.28	18.36	19.30	
		1	99	18.37	18.29	18.38	19.30	
			50	0	18.21	18.22	18.26	19.30
			50	25	18.44	18.37	18.39	19.30
			50	50	18.38	18.39	18.30	19.30
			100	0	18.33	18.36	18.26	19.30

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	20.04	20.17	20.05	20.80
		1	2	19.87	20.08	19.87	20.80
		1	5	19.89	20.04	19.91	20.80
		3	0	20.12	20.17	20.22	20.80
		3	2	20.07	20.00	20.09	20.80
		3	3	20.23	20.11	19.88	20.80
	16QAM	6	0	20.12	20.20	19.98	20.80
		1	0	20.29	20.53	20.45	20.80
		1	2	20.47	20.26	20.35	20.80
		1	5	19.91	20.58	20.00	20.80
		3	0	20.05	20.10	19.95	20.80
		3	2	20.22	19.95	19.91	20.80
	64QAM	3	3	20.05	20.08	20.09	20.80
		6	0	20.11	19.90	20.13	20.80
		1	0	19.96	19.89	19.97	20.80
		1	2	19.85	19.94	19.86	20.80
		1	5	19.99	20.05	19.82	20.80
		3	0	19.72	19.86	19.91	20.80
	256QAM	3	2	19.88	19.87	19.84	20.80
		3	3	19.86	19.89	19.92	20.80
		6	0	20.08	19.94	19.88	20.80
		1	0	18.11	18.24	18.37	19.30
		1	2	18.31	18.34	18.32	19.30
		1	5	18.34	18.28	18.42	19.30
3MHz	QPSK	3	0	18.16	18.30	18.35	19.30
		3	2	18.33	18.28	18.29	19.30
		3	3	18.16	18.25	18.24	19.30
		6	0	18.34	18.23	18.40	19.30
		1	0	20.13	20.18	20.03	20.80
		1	7	19.82	20.01	19.86	20.80
	16QAM	1	14	19.99	19.93	20.05	20.80
		8	0	20.17	20.09	20.12	20.80
		8	4	20.09	19.99	20.08	20.80
		8	7	20.07	20.08	19.98	20.80
		15	0	20.09	20.14	19.95	20.80
		1	0	20.28	20.47	20.39	20.80
	64QAM	1	7	20.36	20.17	20.35	20.80
		1	14	19.92	20.46	19.89	20.80
		8	0	20.12	19.99	19.94	20.80
		8	4	20.07	20.11	19.96	20.80
		8	7	19.94	20.06	20.04	20.80
		15	0	20.12	20.06	20.15	20.80
	256QAM	1	0	19.99	19.90	19.97	20.80
		1	7	19.69	19.84	20.00	20.80
		1	14	19.96	20.06	19.98	20.80
		8	0	19.65	19.80	19.84	20.80
		8	4	19.99	19.91	19.81	20.80
		8	7	19.87	19.96	19.75	20.80
5MHz	QPSK	15	0	19.98	19.99	19.88	20.80
		1	0	18.21	18.24	18.37	19.30
		1	7	18.43	18.37	18.29	19.30
		1	14	18.16	18.21	18.26	19.30
		8	0	18.17	18.25	18.26	19.30
		8	4	18.32	18.20	18.22	19.30
5MHz	QPSK	8	7	18.35	18.24	18.36	19.30
		15	0	18.40	18.32	18.38	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	19975	20175	20375	20.80
				19.75	20.07	19.96	

		1	24	19.89	20.10	20.00	20.80	
		12	0	20.09	20.09	20.18	20.80	
		12	6	20.01	19.99	20.24	20.80	
		12	13	20.23	20.21	20.04	20.80	
		25	0	20.23	20.21	19.92	20.80	
		16QAM	1	0	20.41	20.55	20.44	20.80
			1	13	20.49	20.21	20.31	20.80
			1	24	19.96	20.55	19.83	20.80
			12	0	19.97	20.13	19.97	20.80
			12	6	20.20	19.96	19.96	20.80
	64QAM	12	13	19.97	19.97	20.07	20.80	
		25	0	19.97	19.88	20.01	20.80	
		1	0	20.02	19.79	19.91	20.80	
		1	13	19.72	19.91	19.86	20.80	
		1	24	20.02	19.93	19.86	20.80	
		12	0	19.74	19.69	19.96	20.80	
	256QAM	12	6	19.99	19.86	19.89	20.80	
		12	13	19.94	19.80	19.89	20.80	
		25	0	20.01	20.00	20.03	20.80	
		1	0	18.09	18.28	18.25	19.30	
		1	13	18.35	18.44	18.43	19.30	
		1	24	18.27	18.23	18.36	19.30	
		12	0	18.14	18.16	18.38	19.30	
	12	6	18.34	18.29	18.34	19.30		
	12	13	18.31	18.35	18.37	19.30		
25	0	18.35	18.21	18.30	19.30			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
10MHz	QPSK	1	0	20.12	20.08	20.12	20.80	
		1	25	19.89	20.15	19.82	20.80	
		1	49	19.82	20.02	20.01	20.80	
		25	0	20.19	20.03	20.17	20.80	
		25	13	20.08	20.11	20.09	20.80	
		25	25	20.23	20.22	20.03	20.80	
	16QAM	50	0	20.17	20.20	19.94	20.80	
		1	0	20.35	20.43	20.55	20.80	
		1	25	20.43	20.13	20.38	20.80	
		1	49	20.01	20.50	19.81	20.80	
		25	0	20.10	20.02	19.89	20.80	
		25	13	20.07	20.05	19.90	20.80	
	64QAM	25	25	20.04	19.96	20.12	20.80	
		50	0	20.01	19.96	20.01	20.80	
		1	0	19.92	19.84	19.99	20.80	
		1	25	19.76	19.89	19.91	20.80	
		1	49	19.97	19.96	19.89	20.80	
		25	0	19.58	19.67	19.77	20.80	
	256QAM	25	13	19.91	20.02	19.92	20.80	
		25	25	19.93	19.83	19.92	20.80	
		50	0	19.90	19.88	19.93	20.80	
		1	0	18.20	18.19	18.21	19.30	
		1	25	18.43	18.34	18.38	19.30	
		1	49	18.26	18.27	18.38	19.30	
	Bandwidth <th rowspan="2">Modulation</th> <th rowspan="2">RB size</th> <th rowspan="2">RB offset</th> <th>Channel</th> <th>Channel</th> <th>Channel</th> <th rowspan="2">Tune up</th>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20025	20175	20325	
	15MHz	QPSK	25	0	20.10	20.11	20.10	20.80
			1	38	19.78	20.15	19.87	20.80
			1	74	19.82	20.04	19.93	20.80
			36	0	20.20	20.17	20.19	20.80
36			18	20.01	20.07	20.06	20.80	
36			39	20.20	20.06	20.08	20.80	
75			0	20.10	20.06	20.02	20.80	
16QAM		1	0	20.39	20.54	20.48	20.80	
		1	38	20.47	20.26	20.43	20.80	

		1	74	19.92	20.59	20.00	20.80	
		36	0	20.07	20.04	19.88	20.80	
		36	18	20.12	20.02	20.03	20.80	
		36	39	20.04	20.10	20.02	20.80	
		75	0	20.10	19.99	20.08	20.80	
		1	0	20.01	19.90	20.04	20.80	
	64QAM	1	38	19.66	19.88	19.94	20.80	
		1	74	20.04	19.88	19.82	20.80	
		36	0	19.67	19.77	19.77	20.80	
		36	18	19.94	19.84	19.86	20.80	
		36	39	19.88	19.86	19.83	20.80	
		75	0	20.07	19.99	20.00	20.80	
	256QAM	1	0	18.19	18.29	18.32	19.30	
		1	38	18.42	18.36	18.31	19.30	
		1	74	18.21	18.30	18.37	19.30	
		36	0	18.20	18.14	18.21	19.30	
		36	18	18.19	18.37	18.28	19.30	
		36	39	18.31	18.38	18.28	19.30	
		75	0	18.24	18.31	18.27	19.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	QPSK	1	0	20.12	20.15	20.07	20.80	
		1	50	19.82	20.08	19.90	20.80	
		1	99	19.92	20.01	19.98	20.80	
		50	0	20.14	20.10	20.12	20.80	
		50	25	20.10	20.08	20.14	20.80	
		50	50	20.14	20.16	19.98	20.80	
	16QAM	100	0	20.16	20.14	20.01	20.80	
		1	0	20.34	20.52	20.45	20.80	
		1	50	20.40	20.19	20.34	20.80	
		1	99	19.95	20.51	19.90	20.80	
		50	0	20.07	20.05	19.96	20.80	
		50	25	20.13	20.05	19.99	20.80	
	64QAM	50	50	20.01	20.04	20.04	20.80	
		100	0	20.05	19.98	20.05	20.80	
		1	0	19.93	19.86	19.96	20.80	
		1	50	19.75	19.85	19.92	20.80	
		1	99	19.99	19.98	19.91	20.80	
		50	0	19.66	19.76	19.86	20.80	
	256QAM	50	25	19.98	19.92	19.87	20.80	
		50	50	19.88	19.87	19.83	20.80	
		100	0	19.98	19.91	19.93	20.80	
		1	0	18.18	18.25	18.27	19.30	
		1	50	18.34	18.36	18.37	19.30	
		1	99	18.26	18.22	18.32	19.30	
			50	0	18.20	18.24	18.31	19.30
			50	25	18.25	18.27	18.29	19.30
			50	50	18.25	18.31	18.32	19.30
			100	0	18.33	18.31	18.37	19.30



LTE Band 7 DSI 4/7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.03	21.84	21.68	22.80
		1	13	21.84	21.86	21.75	22.80
		1	24	21.98	21.85	22.13	22.80
		12	0	21.32	21.59	21.58	22.30
		12	6	21.60	21.55	21.50	22.30
		12	13	21.68	21.68	21.63	22.30
	16QAM	25	0	21.61	21.55	21.66	22.30
		1	0	21.66	21.72	21.47	22.30
		1	13	21.64	21.43	21.73	22.30
		1	24	21.98	21.85	21.98	22.30
		12	0	20.41	20.46	20.62	21.30
		12	6	20.62	20.69	20.54	21.30
	64QAM	12	13	20.58	20.79	20.74	21.30
		25	0	20.78	20.61	20.77	21.30
		1	0	20.51	20.32	20.39	21.30
		1	13	20.02	20.23	20.14	21.30
		1	24	20.30	20.24	20.28	21.30
		12	0	19.35	19.15	19.22	20.30
	256QAM	12	6	19.27	19.16	19.31	20.30
		12	13	19.01	19.18	19.26	20.30
		25	0	19.34	19.23	19.20	20.30
		1	0	17.17	17.19	17.15	18.30
		1	13	17.00	16.96	16.97	18.30
		1	24	17.04	17.17	17.16	18.30
10MHz	QPSK	12	0	17.21	17.25	17.13	18.30
		12	6	17.10	17.18	17.15	18.30
		12	13	17.22	17.09	17.19	18.30
		25	0	17.12	17.23	17.12	18.30
		1	0	21.89	21.84	21.75	22.80
		1	25	21.94	21.85	21.85	22.80
	16QAM	1	49	21.88	22.00	22.06	22.80
		25	0	21.35	21.48	21.61	22.30
		25	13	21.58	21.44	21.55	22.30
		25	25	21.55	21.62	21.64	22.30
		50	0	21.68	21.70	21.48	22.30
		1	0	21.76	21.56	21.54	22.30
	64QAM	1	25	21.62	21.50	21.66	22.30
		1	49	22.10	21.75	22.03	22.30
		25	0	20.46	20.64	20.59	21.30
		25	13	20.69	20.52	20.48	21.30
		25	25	20.68	20.65	20.56	21.30
		50	0	20.63	20.59	20.78	21.30
	256QAM	1	0	20.43	20.30	20.37	21.30
		1	25	20.12	20.07	20.17	21.30
		1	49	20.19	20.21	20.21	21.30
		25	0	19.32	19.35	19.19	20.30
		25	13	19.18	19.13	19.25	20.30
		25	25	19.05	19.11	19.24	20.30
15MHz	QPSK	50	0	19.26	19.15	19.26	20.30
		1	0	17.26	17.24	17.02	18.30
		1	25	17.07	16.96	17.08	18.30
		1	49	16.97	17.06	17.11	18.30
		25	0	17.14	17.17	17.23	18.30
		25	13	17.19	17.24	17.24	18.30
15MHz	QPSK	25	25	17.26	17.24	17.11	18.30
		50	0	17.13	17.03	17.16	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.98	21.82	21.74	22.80
		1	38	21.83	21.87	21.84	22.80

	16QAM	1	74	21.91	21.98	22.07	22.80	
		36	0	21.35	21.48	21.59	22.30	
		36	18	21.73	21.40	21.63	22.30	
		36	39	21.67	21.66	21.69	22.30	
		75	0	21.48	21.57	21.65	22.30	
		1	0	21.73	21.63	21.48	22.30	
		1	38	21.79	21.47	21.66	22.30	
		1	74	21.99	21.73	22.08	22.30	
		36	0	20.47	20.62	20.58	21.30	
		36	18	20.65	20.55	20.51	21.30	
		36	39	20.57	20.78	20.75	21.30	
		75	0	20.63	20.72	20.78	21.30	
		1	0	20.38	20.26	20.21	21.30	
		1	38	19.95	20.04	20.28	21.30	
		1	74	20.26	20.26	20.21	21.30	
	36	0	19.18	19.35	19.19	20.30		
	36	18	19.18	19.24	19.18	20.30		
	36	39	18.97	19.17	19.16	20.30		
	75	0	19.31	19.15	19.17	20.30		
	1	0	17.24	17.24	17.02	18.30		
	1	38	17.13	17.10	16.91	18.30		
	1	74	17.06	17.14	17.18	18.30		
	36	0	17.23	17.12	17.20	18.30		
	36	18	17.09	17.13	17.22	18.30		
	36	39	17.26	17.07	17.10	18.30		
	75	0	17.11	17.12	17.23	18.30		
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					20850	21100	21350	
<b>20MHz</b>	QPSK	1	0	21.93	21.88	21.71	22.80	
		1	50	21.90	21.87	21.79	22.80	
		1	99	21.97	21.91	22.15	22.80	
		50	0	21.40	21.54	21.57	22.30	
		50	25	21.63	21.50	21.56	22.30	
		50	50	21.63	21.65	21.66	22.30	
	100	0	21.58	21.60	21.56	22.30		
	16QAM	1	0	21.72	21.66	21.56	22.30	
		1	50	21.72	21.46	21.64	22.30	
		1	99	22.04	21.77	21.98	22.30	
		50	0	20.51	20.56	20.57	21.30	
		50	25	20.67	20.61	20.55	21.30	
		50	50	20.64	20.73	20.66	21.30	
	100	0	20.69	20.63	20.69	21.30		
	64QAM	1	0	20.44	20.35	20.30	21.30	
		1	50	20.03	20.13	20.18	21.30	
		1	99	20.21	20.19	20.27	21.30	
		50	0	19.26	19.25	19.20	20.30	
		50	25	19.27	19.19	19.24	20.30	
		50	50	19.02	19.12	19.17	20.30	
	100	0	19.31	19.21	19.26	20.30		
	256QAM	1	0	17.21	17.19	17.09	18.30	
		1	50	17.07	17.03	16.98	18.30	
		1	99	17.07	17.13	17.08	18.30	
		50	0	17.20	17.17	17.23	18.30	
		50	25	17.18	17.16	17.17	18.30	
		50	50	17.22	17.15	17.17	18.30	
	100	0	17.08	17.13	17.15	18.30		

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	20.38	20.37	20.31	21.30
		1	13	20.41	20.50	20.19	21.30
		1	24	20.52	20.54	20.53	21.30
		12	0	20.36	20.42	20.49	21.30
		12	6	20.55	20.48	20.54	21.30
		12	13	20.64	20.60	20.63	21.30
	16QAM	25	0	20.55	20.42	20.65	21.30
		1	0	20.64	20.53	20.67	21.30
		1	13	20.77	20.71	20.47	21.30
		1	24	20.71	20.77	20.81	21.30
		12	0	20.48	20.47	20.59	21.30
		12	6	20.58	20.63	20.65	21.30
	64QAM	12	13	20.72	20.62	20.55	21.30
		25	0	20.57	20.48	20.61	21.30
		1	0	20.48	20.43	20.37	21.30
		1	13	20.08	20.12	20.22	21.30
		1	24	20.26	20.28	20.30	21.30
		12	0	19.32	19.26	19.10	20.30
	256QAM	12	6	19.25	19.24	19.33	20.30
		12	13	18.92	19.13	19.19	20.30
		25	0	19.30	19.13	19.21	20.30
		1	0	17.21	17.11	17.17	18.30
		1	13	17.09	17.08	16.99	18.30
		1	24	17.14	17.11	17.07	18.30
10MHz	QPSK	12	0	17.15	17.16	17.16	18.30
		12	6	17.17	17.09	17.23	18.30
		12	13	17.30	17.17	17.17	18.30
		25	0	17.01	17.19	17.16	18.30
		1	0	20.27	20.21	20.36	21.30
		1	25	20.38	20.41	20.27	21.30
	16QAM	1	49	20.46	20.56	20.56	21.30
		25	0	20.48	20.49	20.64	21.30
		25	13	20.60	20.57	20.46	21.30
		25	25	20.68	20.72	20.71	21.30
		50	0	20.64	20.55	20.64	21.30
		1	0	20.73	20.50	20.70	21.30
	64QAM	1	25	20.62	20.67	20.52	21.30
		1	49	20.81	20.74	20.81	21.30
		25	0	20.38	20.46	20.53	21.30
		25	13	20.53	20.56	20.65	21.30
		25	25	20.70	20.70	20.48	21.30
		50	0	20.54	20.63	20.63	21.30
	256QAM	1	0	20.35	20.40	20.38	21.30
		1	25	20.10	20.09	20.16	21.30
		1	49	20.23	20.24	20.31	21.30
		25	0	19.25	19.34	19.11	20.30
		25	13	19.31	19.12	19.25	20.30
		25	25	18.95	19.13	19.20	20.30
15MHz	QPSK	50	0	19.41	19.11	19.30	20.30
		1	0	17.11	17.11	17.09	18.30
		1	25	17.08	17.01	17.05	18.30
		1	49	17.01	17.03	17.10	18.30
		25	0	17.26	17.14	17.18	18.30
		25	13	17.15	17.12	17.11	18.30
15MHz	QPSK	25	25	17.26	17.15	17.12	18.30
		50	0	17.18	17.22	17.13	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	20825	21100	21375	21.30
				20825	21100	21375	
15MHz	QPSK	1	38	20.38	20.35	20.30	21.30
				20.48	20.37	20.32	21.30

		1	74	20.53	20.54	20.53	21.30	
		36	0	20.43	20.55	20.55	21.30	
		36	18	20.54	20.58	20.48	21.30	
		36	39	20.64	20.59	20.60	21.30	
		75	0	20.73	20.45	20.59	21.30	
		16QAM	1	0	20.72	20.47	20.55	21.30
		1	38	20.63	20.82	20.57	21.30	
		1	74	20.72	20.87	20.71	21.30	
		36	0	20.56	20.48	20.53	21.30	
		36	18	20.52	20.53	20.52	21.30	
	36	39	20.71	20.69	20.66	21.30		
	75	0	20.70	20.64	20.55	21.30		
	64QAM	1	0	20.38	20.36	20.37	21.30	
		1	38	20.13	20.23	20.24	21.30	
		1	74	20.22	20.26	20.24	21.30	
		36	0	19.26	19.17	19.29	20.30	
		36	18	19.37	19.17	19.25	20.30	
		36	39	19.02	19.21	19.12	20.30	
		75	0	19.27	19.20	19.25	20.30	
	256QAM	1	0	17.15	17.21	17.18	18.30	
		1	38	17.05	16.93	16.88	18.30	
		1	74	17.17	17.04	17.06	18.30	
		36	0	17.29	17.21	17.13	18.30	
		36	18	17.21	17.10	17.17	18.30	
		36	39	17.28	17.24	17.09	18.30	
		75	0	17.06	17.12	17.05	18.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
20MHz	QPSK	1	0	20.33	20.31	20.34	21.30	
		1	50	20.38	20.45	20.23	21.30	
		1	99	20.52	20.46	20.53	21.30	
		50	0	20.40	20.45	20.56	21.30	
		50	25	20.57	20.51	20.55	21.30	
		50	50	20.61	20.63	20.64	21.30	
		100	0	20.63	20.51	20.55	21.30	
	16QAM	1	0	20.69	20.44	20.63	21.30	
		1	50	20.68	20.74	20.50	21.30	
		1	99	20.71	20.81	20.80	21.30	
		50	0	20.47	20.48	20.63	21.30	
		50	25	20.61	20.59	20.60	21.30	
		50	50	20.62	20.63	20.57	21.30	
		100	0	20.63	20.56	20.59	21.30	
	64QAM	1	0	20.35	20.44	20.36	21.30	
		1	50	19.97	20.16	20.19	21.30	
		1	99	20.23	20.19	20.34	21.30	
		50	0	19.28	19.21	19.16	20.30	
		50	25	19.32	19.13	19.31	20.30	
		50	50	18.95	19.09	19.27	20.30	
		100	0	19.31	19.26	19.25	20.30	
	256QAM	1	0	17.11	17.16	17.01	18.30	
		1	50	17.16	17.13	17.02	18.30	
		1	99	17.00	17.05	17.18	18.30	
		50	0	17.23	17.17	17.25	18.30	
		50	25	17.28	17.17	17.07	18.30	
		50	50	17.14	17.23	17.22	18.30	
		100	0	17.14	17.19	17.12	18.30	

LTE Band 38 DSI 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	16.96	16.93	17.05	17.80
		1	13	16.80	16.93	16.80	17.80
		1	24	16.84	17.05	17.05	17.80
		12	0	16.80	16.95	17.16	17.80
		12	6	16.94	17.02	17.09	17.80
		12	13	16.97	17.10	17.03	17.80
	16QAM	25	0	16.92	16.96	17.04	17.80
		1	0	16.98	17.02	17.30	17.80
		1	13	16.93	17.06	17.18	17.80
		1	24	16.98	17.10	17.10	17.80
		12	0	16.82	16.98	17.06	17.80
		12	6	17.11	16.99	17.08	17.80
	64QAM	12	13	16.99	17.12	17.04	17.80
		25	0	17.13	17.11	17.06	17.80
		1	0	16.68	16.74	16.74	17.80
		1	13	16.76	16.69	16.73	17.80
		1	24	16.65	16.72	16.61	17.80
		12	0	16.68	16.69	16.56	17.80
	256QAM	12	6	16.84	16.68	16.58	17.80
		12	13	16.73	16.76	16.54	17.80
25		0	16.60	16.73	16.67	17.80	
1		0	16.04	16.27	16.02	17.80	
1		13	16.08	16.15	16.24	17.80	
1		24	16.23	16.21	16.37	17.80	
10MHz	QPSK	12	0	16.77	16.66	16.81	17.80
		12	6	16.70	16.65	16.75	17.80
		12	13	16.91	16.89	16.92	17.80
		25	0	16.67	16.62	16.66	17.80
		1	0	16.81	16.89	16.91	17.80
		1	25	16.83	16.95	16.91	17.80
	16QAM	1	49	16.93	17.12	17.03	17.80
		25	0	16.93	17.01	17.01	17.80
		25	13	16.92	16.97	17.01	17.80
		25	25	16.97	17.04	17.03	17.80
		50	0	17.02	17.08	17.04	17.80
		1	0	16.99	17.04	17.29	17.80
	64QAM	1	25	17.09	17.04	17.05	17.80
		1	49	16.96	17.17	16.95	17.80
		25	0	16.82	17.05	17.05	17.80
		25	13	17.04	16.84	17.09	17.80
		25	25	16.96	17.13	16.99	17.80
		50	0	17.05	17.14	17.00	17.80
	256QAM	1	0	16.79	16.63	16.71	17.80
		1	25	16.82	16.71	16.64	17.80
1		49	16.45	16.70	16.61	17.80	
25		0	16.72	16.75	16.73	17.80	
25		13	16.70	16.71	16.66	17.80	
25		25	16.71	16.78	16.68	17.80	
15MHz	QPSK	50	0	16.62	16.74	16.55	17.80
		1	0	15.99	16.20	16.03	17.80
		1	25	16.24	16.21	16.07	17.80
		1	49	16.29	16.25	16.21	17.80
		25	0	16.74	16.79	16.75	17.80
		25	13	16.73	16.73	16.73	17.80
15MHz	QPSK	25	25	16.89	16.85	16.74	17.80
		50	0	16.51	16.67	16.61	17.80
15MHz	QPSK	1	0	16.88	16.85	16.95	17.80
		1	38	16.83	16.98	16.97	17.80

		1	74	16.90	17.12	17.11	17.80	
		36	0	16.85	17.08	17.18	17.80	
		36	18	17.10	16.99	17.01	17.80	
		36	39	16.98	17.00	16.93	17.80	
		75	0	17.07	17.09	17.03	17.80	
	16QAM	1	0	16.98	17.07	17.11	17.80	
		1	38	17.00	17.06	17.05	17.80	
		1	74	16.97	17.15	17.01	17.80	
		36	0	16.82	16.95	16.99	17.80	
		36	18	17.05	16.93	17.03	17.80	
	64QAM	36	39	17.02	17.07	17.00	17.80	
		75	0	17.05	17.06	16.96	17.80	
		1	0	16.77	16.69	16.64	17.80	
		1	38	16.83	16.70	16.71	17.80	
		1	74	16.46	16.59	16.60	17.80	
	256QAM	36	0	16.73	16.72	16.62	17.80	
		36	18	16.73	16.72	16.69	17.80	
		36	39	16.60	16.78	16.61	17.80	
		75	0	16.51	16.71	16.68	17.80	
		1	0	16.19	16.25	16.00	17.80	
	<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>
37850					38000	38150		
<b>20MHz</b>		QPSK	1	0	16.86	16.93	16.97	17.80
			1	50	16.83	16.93	16.87	17.80
			1	99	16.93	17.02	17.01	17.80
			50	0	16.90	17.04	17.08	17.80
			50	25	17.01	16.99	17.06	17.80
			50	50	16.94	17.09	17.01	17.80
		16QAM	100	0	16.97	17.05	17.13	17.80
			1	0	17.04	17.10	17.21	17.80
			1	50	17.03	17.09	17.13	17.80
			1	99	17.05	17.11	17.00	17.80
			50	0	16.91	16.95	17.07	17.80
			50	25	17.04	16.90	17.04	17.80
		64QAM	50	50	17.06	17.06	16.97	17.80
			100	0	17.08	17.05	17.00	17.80
			1	0	16.73	16.64	16.66	17.80
			1	50	16.76	16.66	16.69	17.80
			1	99	16.55	16.63	16.67	17.80
			50	0	16.71	16.66	16.66	17.80
		256QAM	50	25	16.74	16.69	16.66	17.80
	50		50	16.68	16.69	16.64	17.80	
	100		0	16.59	16.69	16.62	17.80	
1	0		16.09	16.19	16.10	17.80		
1	50		16.18	16.16	16.14	17.80		
1	99		16.20	16.21	16.28	17.80		
	50	0	16.72	16.75	16.85	17.80		
		25	16.65	16.75	16.71	17.80		
	50	50	16.81	16.81	16.82	17.80		
		100	0	16.61	16.66	16.68	17.80	

LTE Band 38 DSI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	15.33	15.37	15.38	16.80
		1	13	15.45	15.36	15.39	16.80
		1	24	15.24	15.22	15.17	16.80
		12	0	15.44	15.39	15.44	16.80
		12	6	15.42	15.33	15.44	16.80
		12	13	15.37	15.46	15.35	16.80
	16QAM	25	0	15.45	15.45	15.38	16.80
		1	0	15.40	15.42	15.56	16.80
		1	13	15.34	15.43	15.43	16.80
		1	24	15.66	15.26	15.40	16.80
		12	0	15.46	15.42	15.44	16.80
		12	6	15.33	15.35	15.43	16.80
	64QAM	12	13	15.37	15.39	15.35	16.80
		25	0	15.40	15.45	15.44	16.80
		1	0	15.64	15.59	15.65	16.80
		1	13	15.63	15.47	15.61	16.80
		1	24	15.53	15.59	15.63	16.80
		12	0	15.55	15.59	15.54	16.80
	256QAM	12	6	15.65	15.63	15.74	16.80
		12	13	15.84	15.58	15.56	16.80
25		0	15.54	15.68	15.58	16.80	
1		0	15.20	15.16	15.18	16.80	
1		13	15.17	15.11	15.10	16.80	
1		24	14.95	15.10	15.28	16.80	
10MHz	QPSK	12	0	15.61	15.83	15.86	16.80
		12	6	15.81	15.75	15.61	16.80
		12	13	15.71	15.73	15.75	16.80
		25	0	15.53	15.52	15.60	16.80
		1	0	15.23	15.49	15.48	16.80
		1	25	15.45	15.38	15.49	16.80
	16QAM	1	49	15.43	15.33	15.36	16.80
		25	0	15.56	15.51	15.51	16.80
		25	13	15.46	15.50	15.40	16.80
		25	25	15.47	15.50	15.42	16.80
		50	0	15.50	15.41	15.52	16.80
		1	0	15.51	15.46	15.52	16.80
	64QAM	1	25	15.44	15.45	15.38	16.80
		1	49	15.40	15.46	15.42	16.80
		25	0	15.54	15.48	15.47	16.80
		25	13	15.43	15.47	15.44	16.80
		25	25	15.44	15.54	15.46	16.80
		50	0	15.54	15.48	15.46	16.80
	256QAM	1	0	15.70	15.68	15.64	16.80
		1	25	15.56	15.53	15.62	16.80
1		49	15.56	15.58	15.62	16.80	
25		0	15.68	15.70	15.69	16.80	
25		13	15.62	15.67	15.57	16.80	
25		25	15.67	15.71	15.60	16.80	
15MHz	QPSK	50	0	15.54	15.70	15.62	16.80
		1	0	15.16	15.08	15.08	16.80
		1	25	15.02	15.05	15.13	16.80
		1	49	14.94	15.08	15.13	16.80
		25	0	15.75	15.67	15.85	16.80
		25	13	15.69	15.82	15.73	16.80
15MHz	QPSK	25	25	15.63	15.73	15.71	16.80
		50	0	15.56	15.59	15.60	16.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	37825	38000	38175	16.80
				37825	38000	38175	
15MHz	QPSK	1	38	15.21	15.20	15.24	16.80
		1		15.31	15.24	15.30	16.80