

Appendix E

Conducted RF Output Power

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Note:

DSI	Trigger Conditions	Antenna No.
DSI 2	Receiver on standalone	All WWAN Ant
DSI 3	Receive on simultaneous transmission with WLAN	All WWAN Ant
DSI 4	Receive off / Sensor off Sensor Trigger Distance -1mm	11#12#/13#
	Receive off / Sensor off standalone	11#12#/13#
DSI 5	Receiver off/Sensor A+B on standalone	12#/13#
	Receiver off/Sensor A+B on standalone	11#
	Receiver off/Sensor off standalone	13#21#/23#/24#/31#/41#
DSI 8	Receiver off/Sensor A+B on simultaneous transmission with WLAN	12#/13#
	Receiver off/Sensor A+B on simultaneous transmission with WLAN	11#
	Receiver off/Sensor off simultaneous transmission with WLAN	14#21#/23#/24#/31#/41#
DSI 9	Receiver off/Sensor A on+B off simultaneous transmission with WLAN	11#
DSI 10	Receiver off/Sensor A off simultaneous transmission with WLAN	12#/13#
	hotspot	All WWAN Ant

Measurement of RF conducted Power

1 Conducted Power of Main Antenna (Ant11)

1.1 Conducted Power of GSM

GSM 850 DSI 2/3/4/5/8/9/10										
		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	32.48	32.49	32.41	33.50	-9.19	23.29	23.30	23.22	24.31
GPRS (GMSK)	1 TX Slot	32.51	32.52	32.43	33.50	-9.19	23.32	23.33	23.24	24.31
	2 TX Slots	30.70	30.17	30.15	31.50	-6.18	24.52	23.99	23.97	25.32
	3 TX Slots	28.46	28.51	27.38	29.00	-4.42	24.04	24.09	22.96	24.58
	4 TX Slots	27.02	26.80	26.67	28.00	-3.17	23.85	23.63	23.50	24.83
EGPRS (GMSK)	1 TX Slot	32.28	32.58	32.49	33.50	-9.19	23.09	23.39	23.30	24.31
	2 TX Slots	30.82	30.01	30.83	31.50	-6.18	24.64	23.83	24.65	25.32
	3 TX Slots	28.53	28.46	28.41	29.00	-4.42	24.11	24.04	23.99	24.58
	4 TX Slots	26.99	26.84	26.82	28.00	-3.17	23.82	23.67	23.65	24.83
EGPRS (8PSK)	1 TX Slot	26.84	27.06	26.78	28.00	-9.19	17.65	17.87	17.59	18.81
	2 TX Slots	24.67	24.44	24.79	26.00	-6.18	18.49	18.26	18.61	19.82
	3 TX Slots	23.02	22.76	22.83	24.00	-4.42	18.60	18.34	18.41	19.58
	4 TX Slots	21.32	21.23	21.31	22.50	-3.17	18.15	18.06	18.14	19.33

1.2 Conducted Power of WCDMA

WCDMA Band V DSI 2/3/4/5/8/9/10					
		Average Conducted Power(dBm)			
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.33	23.38	23.35	24.50
	12.2kbps AMR	23.3	23.35	23.31	24.50
HSDPA	Subtest 1	22.57	22.70	22.64	23.50
	Subtest 2	22.60	22.68	22.63	23.50
	Subtest 3	22.09	22.22	22.11	23.00
	Subtest 4	22.13	22.21	22.13	23.00
HSUPA	Subtest 1	22.58	22.67	22.63	23.50
	Subtest 2	20.55	20.63	20.57	21.50
	Subtest 3	21.57	21.67	21.62	22.50
	Subtest 4	20.20	20.64	20.59	21.50
	Subtest 5	22.54	22.65	22.59	23.50
DC-HSDPA	Subtest 1	22.49	22.80	22.54	23.50
	Subtest 2	22.51	22.73	22.71	23.50
	Subtest 3	22.14	22.26	22.05	23.00
	Subtest 4	22.19	22.31	22.20	23.00
HSPA+	16QAM	20.75	20.85	20.88	21.50

1.3 Conducted Power of LTE

LTE Band 5 DSI 2/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.82	22.89	22.55	24.20
		1	2	22.53	22.60	22.60	24.20
		1	5	22.62	22.54	22.79	24.20
		3	0	22.61	22.55	22.77	24.20
		3	2	22.59	22.54	22.72	24.20
		3	3	22.61	22.58	22.72	24.20
	16QAM	6	0	21.76	21.66	21.62	23.20
		1	0	21.58	21.69	21.84	23.20
		1	2	21.93	21.92	21.65	23.20
		1	5	22.16	21.52	22.14	23.20
		3	0	22.14	21.57	22.13	23.20
		3	2	22.12	21.51	22.20	23.20
	64QAM	3	3	22.09	21.55	22.17	23.20
		6	0	20.79	20.79	20.62	22.20
		1	0	20.96	20.97	20.93	22.20
		1	2	21.00	21.01	21.02	22.20
		1	5	20.98	20.94	20.99	22.20
		3	0	20.98	21.01	21.00	22.20
3MHz	QPSK	3	2	20.98	20.99	20.99	22.20
		3	3	20.99	21.02	20.94	22.20
		6	0	20.04	20.00	20.03	21.20
		1	0	22.81	22.90	22.54	24.20
		1	7	22.59	22.57	22.60	24.20
		1	14	22.58	22.57	22.72	24.20
	16QAM	8	0	21.58	21.71	21.74	23.20
		8	4	21.82	21.74	21.62	23.20
		8	7	21.67	21.76	21.81	23.20
		15	0	21.78	21.65	21.63	23.20
		1	0	21.51	21.76	21.85	23.20
		1	7	21.88	21.95	21.65	23.20
	64QAM	1	14	22.09	21.54	22.18	23.20
		8	0	20.73	20.81	20.79	22.20
		8	4	20.84	20.78	20.81	22.20
		8	7	20.73	20.89	20.68	22.20
		15	0	20.80	20.82	20.60	22.20
		1	0	20.97	20.98	20.94	22.20
5MHz	QPSK	1	7	21.00	21.01	20.96	22.20
		1	14	21.02	20.98	20.98	22.20
		8	0	19.95	19.97	19.96	21.20
		8	4	20.05	20.07	19.99	21.20
		8	7	20.09	20.09	20.03	21.20
		15	0	20.01	19.96	20.00	21.20
	16QAM	1	0	22.80	22.91	22.58	24.20
		1	13	22.58	22.63	22.58	24.20
		1	24	22.62	22.57	22.78	24.20
		12	0	21.61	21.71	21.76	23.20
		12	6	21.85	21.77	21.59	23.20
		12	13	21.66	21.77	21.79	23.20
		25	0	21.74	21.69	21.63	23.20
		1	0	21.52	21.69	21.84	23.20
		1	13	21.94	21.87	21.60	23.20
		1	24	22.14	21.55	22.13	23.20
		12	0	20.69	20.75	20.84	22.20
		12	6	20.86	20.72	20.75	22.20
12	13	20.71	20.86	20.67	22.20		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20450	20525	20600		
10MHz	64QAM	25	0	20.83	20.84	20.57	22.20	
		1	0	20.96	21.00	21.00	22.20	
		1	13	20.97	21.01	21.01	22.20	
		1	24	20.99	21.02	20.96	22.20	
		12	0	20.03	19.99	20.02	21.20	
		12	6	20.00	20.07	20.02	21.20	
		12	13	20.06	20.09	20.01	21.20	
	25	0	20.00	19.97	20.00	21.20		
	10MHz	QPSK	1	0	22.84	22.92	22.6	24.20
			1	25	22.6	22.64	22.65	24.20
			1	49	22.65	22.59	22.8	24.20
			25	0	21.63	21.8	21.78	23.20
			25	13	21.86	21.8	21.65	23.20
			25	25	21.75	21.82	21.82	23.20
			50	0	21.82	21.72	21.7	23.20
		16QAM	1	0	21.6	21.78	21.88	23.20
			1	25	21.95	21.96	21.66	23.20
			1	49	22.17	21.6	22.22	23.20
			25	0	20.74	20.83	20.86	22.20
			25	13	20.93	20.79	20.84	22.20
			25	25	20.74	20.93	20.7	22.20
			50	0	20.87	20.87	20.66	22.20
		64QAM	1	0	20.98	21.00	20.99	22.20
			1	25	21.04	20.99	21.04	22.20
			1	49	21.01	20.98	20.98	22.20
25			0	19.97	19.96	19.98	21.20	
25			13	20.06	20.04	20.04	21.20	
25			25	20.01	20.06	20.07	21.20	
50			0	19.99	19.99	20.00	21.20	

LTE Band 12 DSI 2/3/4/5/8/9/10				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	22.69	22.85	22.68	24.00	
		1	2	22.78	22.69	22.50	24.00	
		1	5	22.72	22.70	22.55	24.00	
		3	0	22.68	22.68	22.53	24.00	
		3	2	22.73	22.65	22.53	24.00	
		3	3	22.68	22.62	22.57	24.00	
	16QAM	6	0	21.78	21.63	21.66	23.00	
		1	0	21.93	22.15	21.67	23.00	
		1	2	21.93	21.78	21.97	23.00	
		1	5	22.04	21.95	21.85	23.00	
		3	0	22.03	21.97	21.84	23.00	
		3	2	22.05	21.96	21.90	23.00	
	64QAM	3	3	21.98	21.99	21.88	23.00	
		6	0	20.82	20.75	20.75	22.00	
		1	0	21.08	21.10	21.07	22.00	
		1	2	21.00	20.99	21.06	22.00	
		1	5	21.00	21.02	21.07	22.00	
		3	0	21.02	21.01	21.00	22.00	
	3MHz	QPSK	3	2	21.06	21.01	21.04	22.00
			3	3	21.00	21.04	21.06	22.00
			6	0	20.35	20.35	20.32	21.00
1			0	22.64	22.83	22.67	24.00	
1			7	22.77	22.70	22.49	24.00	
1			14	22.69	22.65	22.52	24.00	
3MHz	QPSK	8	0	21.78	21.70	21.69	23.00	
		8	4	21.81	21.68	21.74	23.00	
		8	7	21.79	21.82	21.74	23.00	
		15	0	21.75	21.61	21.64	23.00	

		1	0	21.88	22.19	21.66	23.00
		1	7	21.92	21.81	21.98	23.00
	16QAM	1	14	22.01	21.97	21.88	23.00
		8	0	20.67	20.74	20.65	22.00
		8	4	20.71	20.62	20.63	22.00
		8	7	20.84	20.84	20.75	22.00
		15	0	20.80	20.81	20.81	22.00
		1	0	21.07	21.05	21.05	22.00
	64QAM	1	7	21.06	21.03	21.02	22.00
		1	14	21.00	21.03	21.07	22.00
		8	0	19.94	19.93	19.93	21.00
		8	4	20.07	20.04	20.06	21.00
		8	7	19.99	20.00	20.02	21.00
		15	0	20.38	20.31	20.34	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	22.68	22.85	22.70	24.00
		1	13	22.76	22.69	22.54	24.00
		1	24	22.72	22.65	22.51	24.00
		12	0	21.74	21.62	21.74	23.00
		12	6	21.76	21.69	21.71	23.00
		12	13	21.78	21.83	21.75	23.00
	16QAM	25	0	21.76	21.62	21.68	23.00
		1	0	21.93	22.13	21.70	23.00
		1	13	21.90	21.81	22.03	23.00
		1	24	22.02	22.01	21.85	23.00
		12	0	20.67	20.71	20.66	22.00
		12	6	20.74	20.68	20.61	22.00
	64QAM	12	13	20.82	20.86	20.75	22.00
		25	0	20.81	20.79	20.77	22.00
		1	0	21.04	21.05	21.08	22.00
		1	13	21.00	21.02	21.06	22.00
		1	24	21.06	21.06	21.03	22.00
		12	0	19.92	19.98	19.98	21.00
		12	6	20.01	20.03	20.04	21.00
		12	13	20.04	19.99	20.04	21.00
		25	0	20.34	20.32	20.31	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	22.73	22.9	22.74	24.00
		1	25	22.81	22.72	22.55	24.00
		1	49	22.76	22.71	22.59	24.00
		25	0	21.82	21.71	21.77	23.00
		25	13	21.83	21.76	21.8	23.00
		25	25	21.81	21.84	21.76	23.00
	16QAM	50	0	21.81	21.69	21.71	23.00
		1	0	21.95	22.22	21.72	23.00
		1	25	21.97	21.84	22.04	23.00
		1	49	22.06	22.03	21.93	23.00
		25	0	20.76	20.79	20.73	22.00
		25	13	20.8	20.71	20.7	22.00
	64QAM	25	25	20.88	20.87	20.84	22.00
		50	0	20.83	20.83	20.83	22.00
		1	0	21.03	21.04	21.02	22.00
		1	25	21.02	21.00	21.00	22.00
		1	49	21.05	21.00	21.01	22.00
		25	0	19.98	19.99	19.94	21.00
		25	13	20.09	20.03	20.09	21.00
		25	25	19.99	20.01	20.04	21.00
		50	0	20.38	20.35	20.31	21.00

LTE Band 13 DSI 2/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	22.72	22.72	22.73	24.00
		1	13	22.64	22.61	22.65	24.00
		1	24	22.35	22.38	22.39	24.00
		12	0	21.71	21.72	21.66	23.00
		12	6	21.73	21.68	21.66	23.00
		12	13	21.62	21.60	21.60	23.00
		25	0	21.66	21.67	21.64	23.00
	16QAM	1	0	21.88	21.85	21.87	23.00
		1	13	21.71	21.65	21.69	23.00
		1	24	21.53	21.55	21.49	23.00
		12	0	20.69	20.66	20.67	22.00
		12	6	20.69	20.66	20.70	22.00
		12	13	20.63	20.63	20.55	22.00
		25	0	20.56	20.60	20.60	22.00
	64QAM	1	0	20.96	20.91	20.92	22.00
		1	13	20.80	20.84	20.76	22.00
		1	24	21.08	21.09	21.02	22.00
		12	0	19.89	19.89	19.87	21.00
		12	6	19.87	19.89	19.84	21.00
		12	13	19.83	19.85	19.83	21.00
		25	0	19.78	19.83	19.76	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	23230	/	24.00
		1	25	/	23230	/	24.00
		1	49	/	23230	/	24.00
		25	0	/	23230	/	23.00
		25	13	/	23230	/	23.00
		25	25	/	23230	/	23.00
		50	0	/	23230	/	23.00
	16QAM	1	0	/	23230	/	23.00
		1	25	/	23230	/	23.00
		1	49	/	23230	/	23.00
		25	0	/	23230	/	22.00
		25	13	/	23230	/	22.00
		25	25	/	23230	/	22.00
		50	0	/	23230	/	22.00
	64QAM	1	0	/	23230	/	22.00
		1	25	/	23230	/	22.00
		1	49	/	23230	/	22.00
		25	0	/	23230	/	21.00
		25	13	/	23230	/	21.00
		25	25	/	23230	/	21.00
		50	0	/	23230	/	21.00

LTE Band 17 DSI 2/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	22.92	22.71	22.80	24.00
		1	13	22.76	22.69	22.80	24.00
		1	24	22.93	22.69	22.66	24.00
		12	0	21.80	21.72	21.82	23.00
		12	6	21.85	21.85	21.87	23.00
		12	13	21.68	21.71	21.73	23.00
		25	0	21.67	21.75	21.80	23.00
	16QAM	1	0	22.02	21.99	21.89	23.00
		1	13	22.03	21.90	22.13	23.00
		1	24	22.21	22.02	21.69	23.00
		12	0	20.74	20.75	20.92	22.00
		12	6	20.82	20.80	20.78	22.00
		12	13	20.81	20.58	20.81	22.00
		25	0	20.77	20.90	20.81	22.00
	64QAM	1	0	21.21	21.21	21.17	22.00
		1	13	21.08	21.02	21.02	22.00
		1	24	21.13	21.10	21.07	22.00
		12	0	20.09	20.11	20.12	21.00
		12	6	19.97	20.04	20.03	21.00
		12	13	20.10	20.10	20.09	21.00
		25	0	20.00	20.01	19.95	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	23	22.8	22.86	24.00
		1	25	22.77	22.75	22.88	24.00
		1	49	22.96	22.73	22.68	24.00
		25	0	21.85	21.81	21.85	23.00
		25	13	21.92	21.86	21.88	23.00
		25	25	21.77	21.74	21.77	23.00
		50	0	21.76	21.78	21.82	23.00
	16QAM	1	0	22.11	22.07	21.92	23.00
		1	25	22.09	21.93	22.22	23.00
		1	49	22.26	22.08	21.78	23.00
		25	0	20.77	20.84	20.93	22.00
		25	13	20.9	20.86	20.87	22.00
		25	25	20.89	20.59	20.88	22.00
		50	0	20.79	20.92	20.85	22.00
	64QAM	1	0	21.16	21.22	21.18	22.00
		1	25	21.08	21.08	21.03	22.00
		1	49	21.06	21.13	21.09	22.00
		25	0	20.08	20.09	20.05	21.00
		25	13	20.03	20.02	19.97	21.00
		25	25	20.04	20.08	20.08	21.00
		50	0	19.98	20.03	19.98	21.00

LTE Band 26 DSI 2/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	22.68	22.58	22.79	24.20
		1	2	22.52	22.71	22.53	24.20
		1	5	22.47	22.39	22.53	24.20
		3	0	22.57	22.58	22.73	24.20
		3	2	22.51	22.59	22.41	24.20
		3	3	22.54	22.52	22.52	24.20
	16QAM	6	0	21.68	21.61	21.77	23.20
		1	0	21.74	21.64	21.85	23.20
		1	2	22.37	21.9	21.53	23.20
		1	5	22.18	21.98	21.71	23.20
		3	0	21.59	21.59	21.66	23.20
		3	2	21.7	21.75	21.65	23.20
	64QAM	3	3	21.71	21.66	21.71	23.20
		6	0	20.78	20.68	20.69	22.20
		1	0	21.10	21.11	21.14	22.20
		1	2	21.06	21.06	21.05	22.20
		1	5	21.19	21.16	21.20	22.20
		3	0	21.16	21.14	21.14	22.20
3MHz	QPSK	3	2	21.12	21.16	21.13	22.20
		3	3	21.19	21.20	21.13	22.20
		6	0	20.02	20.03	20.00	21.20
		1	0	22.67	22.49	22.62	24.20
		1	7	22.55	22.52	22.46	24.20
		1	14	22.60	22.57	22.50	24.20
16QAM	QPSK	8	0	21.51	21.64	21.74	23.20
		8	4	21.69	21.60	21.61	23.20
		8	7	21.74	21.68	21.94	23.20
		15	0	21.69	21.71	21.71	23.20
		1	0	21.65	21.67	22.00	23.20
		1	7	22.23	21.85	21.51	23.20
	16QAM	1	14	22.27	21.97	21.90	23.20
		8	0	20.43	20.61	20.55	22.20
		8	4	20.68	20.72	20.77	22.20
		8	7	20.74	20.73	20.69	22.20
		15	0	20.56	20.79	20.64	22.20
		1	0	21.08	21.06	21.08	22.20
64QAM	1	7	21.10	21.06	21.08	22.20	
	1	14	21.14	21.17	21.16	22.20	
	8	0	20.11	20.11	20.07	21.20	
	8	4	20.10	20.07	20.09	21.20	
	8	7	20.01	20.07	20.02	21.20	
	15	0	20.03	20.02	20.08	21.20	
5MHz	QPSK	1	0	22.62	22.67	22.63	24.20
		1	13	22.56	22.57	22.48	24.20
		1	24	22.38	22.5	22.57	24.20
		12	0	21.65	21.64	21.71	23.20
		12	6	21.72	21.57	21.58	23.20
		12	13	21.77	21.71	21.67	23.20
	16QAM	25	0	21.71	21.57	21.58	23.20
		1	0	21.69	21.53	21.86	23.20
		1	13	22.23	21.92	21.54	23.20
		1	24	22.09	21.86	21.71	23.20
		12	0	20.57	20.61	20.6	22.20
		12	6	20.68	20.75	20.71	22.20
		12	13	20.73	20.69	20.77	22.20
		25	0	20.67	20.61	20.73	22.20
		64QAM	1	0	21.05	21.03	21.05
	1		13	21.07	20.98	21.08	22.20
	1		13	21.07	20.98	21.08	22.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	24	21.13	21.07	21.14	22.20
		12	0	19.98	20.08	20.01	21.20
		12	6	20.04	20.07	20.03	21.20
		12	13	19.99	19.94	19.99	21.20
		25	0	19.97	20.01	19.99	21.20
		25	13	21.69	21.61	21.58	23.20
		25	25	21.74	21.56	21.88	23.20
	16QAM	50	0	21.63	21.56	21.68	23.20
		1	0	21.83	21.56	21.97	23.20
		1	25	22.23	21.86	21.57	23.20
		1	49	22.11	21.87	21.85	23.20
		25	0	20.49	20.57	20.66	22.20
		25	13	20.70	20.65	20.87	22.20
		25	25	20.61	20.67	20.65	22.20
	64QAM	50	0	20.63	20.72	20.71	22.20
		1	0	21.02	21.05	21.10	22.20
		1	25	21.04	21.05	21.04	22.20
		1	49	21.15	21.15	21.14	22.20
		25	0	19.97	20.05	20.00	21.20
		25	13	20.01	20.05	20.00	21.20
		25	25	19.96	19.98	19.97	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	22.68	22.63	22.72	24.20
		1	38	22.62	22.63	22.51	24.20
		1	74	22.53	22.52	22.57	24.20
		36	0	21.59	21.66	21.72	23.20
		36	18	21.75	21.71	21.75	23.20
		36	39	21.71	21.71	21.86	23.20
		75	0	21.76	21.73	21.73	23.20
	16QAM	1	0	21.78	21.64	22	23.20
		1	38	22.33	21.89	21.68	23.20
		1	74	22.23	21.96	21.85	23.20
		36	0	20.6	20.64	20.71	22.20
		36	18	20.7	20.71	20.81	22.20
		36	39	20.79	20.72	20.78	22.20
		75	0	20.73	20.71	20.7	22.20
	64QAM	1	0	21.09	21.07	21.08	22.20
		1	38	21.08	21.09	21.07	22.20
		1	74	21.12	21.20	21.13	22.20
		36	0	20.04	20.10	20.09	21.20
		36	18	20.11	20.13	20.09	21.20
		36	39	20.02	20.03	20.01	21.20
		75	0	20.00	20.06	20.00	21.20

2 Conducted Power of Main Antenna (Ant14)

2.1 Conducted Power of GSM

GSM 1900 DSI 2										
		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	27.76	27.55	27.89	29.00	-9.19	18.57	18.36	18.70	19.81
GPRS (GMSK)	1 TX Slot	27.81	27.59	27.93	29.00	-9.19	18.62	18.40	18.74	19.81
	2 TX Slots	24.63	24.55	24.89	26.00	-6.18	18.45	18.37	18.71	19.82
	3 TX Slots	22.76	22.80	23.06	24.20	-4.42	18.34	18.38	18.64	19.78
	4 TX Slots	21.49	21.26	21.70	23.00	-3.17	18.32	18.09	18.53	19.83
EGPRS (GMSK)	1 TX Slot	27.90	27.51	27.90	29.00	-9.19	18.71	18.32	18.71	19.81
	2 TX Slots	24.59	24.57	24.92	26.00	-6.18	18.41	18.39	18.74	19.82
	3 TX Slots	22.77	22.74	22.96	24.20	-4.42	18.35	18.32	18.54	19.78
	4 TX Slots	21.43	21.22	21.62	23.00	-3.17	18.26	18.05	18.45	19.83
EGPRS (8PSK)	1 TX Slot	25.84	25.97	26.04	27.00	-9.19	16.65	16.78	16.85	17.81
	2 TX Slots	23.59	23.87	24.08	25.00	-6.18	17.41	17.69	17.90	18.82
	3 TX Slots	21.84	21.95	21.73	23.00	-4.42	17.42	17.53	17.31	18.58
	4 TX Slots	20.38	20.43	20.35	21.50	-3.17	17.21	17.26	17.18	18.33

GSM 1900 DSI 3										
		Burst Output Power(dBm)				Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	27.25	26.92	27.30	28.50	-9.19	18.06	17.73	18.11	19.31
GPRS (GMSK)	1 TX Slot	27.21	26.97	27.33	28.50	-9.19	18.02	17.78	18.14	19.31
	2 TX Slots	24.13	24.34	24.34	25.50	-6.18	17.95	18.16	18.16	19.32
	3 TX Slots	22.26	22.43	22.43	23.70	-4.42	17.84	18.01	18.01	19.28
	4 TX Slots	21.03	20.93	21.23	22.50	-3.17	17.86	17.76	18.06	19.33
EGPRS (GMSK)	1 TX Slot	27.20	26.87	27.24	28.50	-9.19	18.01	17.68	18.05	19.31
	2 TX Slots	24.09	24.33	24.38	25.50	-6.18	17.91	18.15	18.20	19.32
	3 TX Slots	22.26	22.38	22.41	23.70	-4.42	17.84	17.96	17.99	19.28
	4 TX Slots	21.12	20.93	21.20	22.50	-3.17	17.95	17.76	18.03	19.33
EGPRS (8PSK)	1 TX Slot	25.84	25.97	26.04	27.00	-9.19	16.65	16.78	16.85	17.81
	2 TX Slots	23.59	23.87	24.08	25.00	-6.18	17.41	17.69	17.90	18.82
	3 TX Slots	21.84	21.95	21.73	23.00	-4.42	17.42	17.53	17.31	18.58
	4 TX Slots	20.38	20.43	20.35	21.50	-3.17	17.21	17.26	17.18	18.33

GSM 1900 DSI 4/5										
		Burst Output Power(dBm)				Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.25	29.31	29.32	30.50	-9.19	20.06	20.12	20.13	21.31
GPRS (GMSK)	1 TX Slot	29.29	29.34	29.37	30.50	-9.19	20.10	20.15	20.18	21.31
	2 TX Slots	25.98	26.12	26.13	27.50	-6.18	19.80	19.94	19.95	21.32
	3 TX Slots	24.34	24.43	24.38	25.70	-4.42	19.92	20.01	19.96	21.28
	4 TX Slots	23.00	23.03	23.12	24.50	-3.17	19.83	19.86	19.95	21.33
EGPRS (GMSK)	1 TX Slot	29.27	29.33	29.37	30.50	-9.19	20.08	20.14	20.18	21.31
	2 TX Slots	25.98	26.13	26.09	27.50	-6.18	19.80	19.95	19.91	21.32
	3 TX Slots	24.33	24.39	24.41	25.70	-4.42	19.91	19.97	19.99	21.28
	4 TX Slots	23.03	22.97	23.02	24.50	-3.17	19.86	19.80	19.85	21.33
EGPRS (8PSK)	1 TX Slot	25.84	25.97	26.04	27.00	-9.19	16.65	16.78	16.85	17.81
	2 TX Slots	23.59	23.87	24.08	25.00	-6.18	17.41	17.69	17.90	18.82
	3 TX Slots	21.84	21.95	21.73	23.00	-4.42	17.42	17.53	17.31	18.58
	4 TX Slots	20.38	20.43	20.35	21.50	-3.17	17.21	17.26	17.18	18.33

GSM 1900 DSI 8/9/10										
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	27.75	27.55	27.99	29.00	-9.19	18.56	18.36	18.80	19.81
GPRS (GMSK)	1 TX Slot	27.78	27.60	28.03	29.00	-9.19	18.59	18.41	18.84	19.81
	2 TX Slots	24.19	24.53	24.75	26.00	-6.18	18.01	18.35	18.57	19.82
	3 TX Slots	23.05	22.86	22.91	24.20	-4.42	18.63	18.44	18.49	19.78
	4 TX Slots	21.58	21.23	21.60	23.00	-3.17	18.41	18.06	18.43	19.83
EGPRS (GMSK)	1 TX Slot	27.71	27.50	28.09	29.00	-9.19	18.52	18.31	18.90	19.81
	2 TX Slots	24.27	24.49	24.83	26.00	-6.18	18.09	18.31	18.65	19.82
	3 TX Slots	23.15	22.87	22.95	24.20	-4.42	18.73	18.45	18.53	19.78
	4 TX Slots	21.68	21.27	21.55	23.00	-3.17	18.51	18.10	18.38	19.83
EGPRS (8PSK)	1 TX Slot	25.84	25.97	26.04	27.00	-9.19	16.65	16.78	16.85	17.81
	2 TX Slots	23.59	23.87	24.08	25.00	-6.18	17.41	17.69	17.90	18.82
	3 TX Slots	21.84	21.95	21.73	23.00	-4.42	17.42	17.53	17.31	18.58
	4 TX Slots	20.38	20.43	20.35	21.50	-3.17	17.21	17.26	17.18	18.33

2.2 Conducted Power of WCDMA

WCDMA Band II DSI 4/5					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	21.71	21.72	21.7	22.50
	12.2kbps AMR	21.7	21.68	21.71	22.50
HSDPA	Subtest 1	20.82	20.85	20.79	21.50
	Subtest 2	20.81	20.85	20.81	21.50
	Subtest 3	20.34	20.35	20.26	21.00
	Subtest 4	20.33	20.33	20.10	21.00
HSUPA	Subtest 1	20.83	20.84	20.77	21.50
	Subtest 2	18.82	18.79	18.76	19.50
	Subtest 3	19.83	19.78	19.74	20.50
	Subtest 4	18.84	18.80	18.75	19.50
	Subtest 5	20.80	20.80	20.72	21.50
DC-HSDPA	Subtest 1	20.90	20.82	20.73	21.50
	Subtest 2	20.78	20.84	20.83	21.50
	Subtest 3	20.38	20.41	20.31	21.00
	Subtest 4	20.37	20.39	20.20	21.00
HSPA+	16QAM	18.91	18.89	19.00	19.50

WCDMA Band II DSI 8/9/10					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.12	20.18	20.11	21.00
	12.2kbps AMR	20.08	20.16	20.06	21.00
HSDPA	Subtest 1	19.22	19.24	19.21	20.00
	Subtest 2	19.22	19.27	19.21	20.00
	Subtest 3	18.77	18.75	18.53	19.50
	Subtest 4	18.74	18.77	18.72	19.50
HSUPA	Subtest 1	19.32	19.30	19.24	20.00
	Subtest 2	17.32	17.30	17.23	18.00
	Subtest 3	18.30	18.27	18.22	19.00
	Subtest 4	17.32	17.28	17.25	18.00
	Subtest 5	19.31	19.29	19.23	20.00
DC-HSDPA	Subtest 1	19.21	19.18	19.31	20.00
	Subtest 2	19.15	19.31	19.30	20.00
	Subtest 3	18.69	18.83	18.62	19.50
	Subtest 4	18.73	18.76	18.64	19.50
HSPA+	16QAM	17.66	17.53	17.45	18.00

WCDMA Band IV DSI 4/5					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.23	21.24	21.28	22.00
	12.2kbps AMR	21.2	21.19	21.25	22.00
HSDPA	Subtest 1	20.28	20.28	20.29	21.00
	Subtest 2	20.26	20.28	20.33	21.00
	Subtest 3	19.58	19.82	19.81	20.50
	Subtest 4	19.58	19.78	19.80	20.50
HSUPA	Subtest 1	20.28	20.26	20.27	21.00
	Subtest 2	18.24	18.27	18.27	19.00
	Subtest 3	19.23	19.23	19.25	20.00
	Subtest 4	18.24	18.27	18.25	19.00
	Subtest 5	20.22	20.24	20.26	21.00
DC-HSDPA	Subtest 1	20.34	20.30	20.33	21.00
	Subtest 2	20.33	20.23	20.32	21.00
	Subtest 3	19.48	19.74	19.90	20.50
	Subtest 4	19.59	19.77	19.87	20.50
HSPA+	16QAM	18.41	18.56	18.44	19.00

WCDMA Band IV DSI 8/9/10					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.72	19.75	19.75	20.50
	12.2kbps AMR	19.7	19.72	19.73	20.50
HSDPA	Subtest 1	18.80	18.80	18.81	19.50
	Subtest 2	18.76	18.81	18.78	19.50
	Subtest 3	18.26	18.31	18.32	19.00
	Subtest 4	18.30	18.31	18.27	19.00
HSUPA	Subtest 1	18.74	18.78	18.78	19.50
	Subtest 2	16.75	16.73	16.80	17.50
	Subtest 3	17.73	17.76	17.75	18.50
	Subtest 4	16.78	16.80	16.77	17.50
	Subtest 5	18.74	18.77	18.77	19.50
DC-HSDPA	Subtest 1	18.73	18.80	18.79	19.50
	Subtest 2	18.77	18.72	18.84	19.50
	Subtest 3	18.31	18.34	18.41	19.00
	Subtest 4	18.30	18.27	18.35	19.00
HSPA+	16QAM	16.95	16.98	16.89	17.50

2.3 Conducted Power of LTE

LTE Band 2 DSI 4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.82	20.90	20.76	22.00
		1	2	20.69	20.76	20.66	22.00
		1	5	20.90	20.66	20.63	22.00
		3	0	20.79	20.74	20.84	22.00
		3	2	20.92	20.80	20.80	22.00
		3	3	20.83	20.98	20.92	22.00
	16QAM	6	0	20.74	20.75	20.83	22.00
		1	0	21.27	20.84	21.29	22.00
		1	2	20.78	21.28	20.95	22.00
		1	5	20.81	20.87	20.99	22.00
		3	0	20.84	21.00	20.80	22.00
		3	2	20.80	20.91	20.87	22.00
	64QAM	3	3	20.97	20.90	20.83	22.00
		6	0	20.99	20.93	20.75	22.00
		1	0	20.91	20.96	20.94	22.00
		1	2	20.91	20.93	20.91	22.00
		1	5	20.93	20.94	20.92	22.00
		3	0	20.91	20.90	20.90	22.00
3MHz	QPSK	3	2	20.95	20.94	20.95	22.00
		3	3	20.95	20.94	20.95	22.00
		6	0	20.89	20.97	20.93	22.00
		1	0	20.80	20.71	20.76	22.00
		1	7	20.71	20.84	20.79	22.00
		1	14	20.78	20.61	20.60	22.00
	16QAM	8	0	20.82	20.89	20.80	22.00
		8	4	20.85	20.88	20.74	22.00
		8	7	20.95	20.90	20.90	22.00
		15	0	20.83	20.81	20.87	22.00
		1	0	21.22	20.76	21.13	22.00
		1	7	20.93	21.40	20.98	22.00
	64QAM	1	14	20.86	20.91	21.06	22.00
		8	0	20.89	20.96	20.73	22.00
		8	4	20.94	20.91	20.81	22.00
		8	7	20.79	20.83	20.97	22.00
		15	0	20.82	20.83	20.73	22.00
		1	0	20.90	20.92	20.89	22.00
5MHz	QPSK	1	7	20.91	20.91	20.97	22.00
		1	14	20.97	20.89	20.95	22.00
		8	0	20.94	20.90	20.95	22.00
		8	4	20.97	20.95	20.92	22.00
		8	7	20.89	20.92	20.95	22.00
		15	0	20.92	20.90	20.93	22.00
	16QAM	1	0	21.27	20.75	21.16	22.00
		1	13	20.91	21.39	20.93	22.00
		1	24	20.75	20.93	20.99	22.00
		12	0	20.87	20.95	20.69	22.00
		12	6	20.86	20.90	20.91	22.00
		12	13	20.80	20.85	20.81	22.00

	64QAM	25	0	20.86	20.84	20.71	22.00
		1	0	20.96	20.91	20.94	22.00
		1	13	20.89	20.89	20.91	22.00
		1	24	20.91	20.94	20.90	22.00
		12	0	20.95	20.97	20.95	22.00
		12	6	20.89	20.89	20.95	22.00
		12	13	20.96	20.96	20.91	22.00
		25	0	20.97	20.96	20.95	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.88	20.84	20.81	22.00
		1	25	20.62	20.85	20.79	22.00
		1	49	20.80	20.58	20.60	22.00
		25	0	20.79	20.71	20.89	22.00
		25	13	20.94	20.88	20.86	22.00
		25	25	20.95	20.89	20.88	22.00
		50	0	20.85	20.77	20.68	22.00
	16QAM	1	0	21.29	20.86	21.17	22.00
		1	25	20.78	21.28	20.97	22.00
		1	49	20.82	20.97	21.07	22.00
		25	0	20.85	20.99	20.81	22.00
		25	13	20.94	20.83	20.90	22.00
		25	25	20.82	20.87	20.79	22.00
		50	0	20.94	20.85	20.78	22.00
	64QAM	1	0	20.97	20.95	20.96	22.00
		1	25	20.94	20.93	20.89	22.00
		1	49	20.92	20.95	20.95	22.00
		25	0	20.89	20.89	20.93	22.00
		25	13	20.90	20.89	20.91	22.00
		25	25	20.92	20.89	20.96	22.00
		50	0	20.96	20.89	20.96	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.89	20.84	20.78	22.00
		1	38	20.66	20.84	20.78	22.00
		1	74	20.76	20.67	20.69	22.00
		36	0	20.83	20.75	20.89	22.00
		36	18	20.91	20.74	20.81	22.00
		36	39	20.97	20.82	20.84	22.00
		75	0	20.84	20.88	20.72	22.00
	16QAM	1	0	21.32	20.76	21.24	22.00
		1	38	20.83	21.28	20.89	22.00
		1	74	20.74	20.92	21.01	22.00
		36	0	20.89	20.96	20.74	22.00
		36	18	20.91	20.93	20.87	22.00
		36	39	20.79	20.89	20.88	22.00
		75	0	20.94	20.87	20.79	22.00
	64QAM	1	0	20.93	20.93	20.95	22.00
		1	38	20.89	20.95	20.91	22.00
		1	74	20.92	20.93	20.92	22.00
		36	0	20.93	20.96	20.94	22.00
		36	18	20.89	20.92	20.90	22.00
		36	39	20.90	20.92	20.95	22.00
		75	0	20.90	20.89	20.93	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.79	20.8	20.72	22.00
		1	50	20.68	20.79	20.74	22.00
		1	99	20.83	20.65	20.61	22.00
		50	0	20.74	20.81	20.8	22.00
		50	25	20.89	20.82	20.82	22.00
		50	50	20.9	20.88	20.89	22.00
		100	0	20.82	20.8	20.77	22.00
	16QAM	1	0	21.31	20.78	21.23	22.00
		1	50	20.85	21.35	20.98	22.00
		1	99	20.78	20.87	21.01	22.00

		50	0	20.88	20.94	20.73	22.00	
		50	25	20.87	20.84	20.83	22.00	
		50	50	20.87	20.87	20.87	22.00	
		100	0	20.9	20.84	20.78	22.00	
	64QAM		1	0	20.97	20.96	20.92	22.00
			1	50	20.95	20.95	20.92	22.00
			1	99	20.97	20.97	20.90	22.00
			50	0	20.93	20.91	20.92	22.00
			50	25	20.94	20.95	20.97	22.00
			50	50	20.89	20.91	20.94	22.00
			100	0	20.90	20.96	20.93	22.00

LTE Band 2 DSI 8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.23	19.22	19.11	20.50
		1	2	19.23	19.29	19.24	20.50
		1	5	19.08	19.19	19.17	20.50
		3	0	19.33	19.38	19.41	20.50
		3	2	19.40	19.39	19.34	20.50
		3	3	19.19	19.36	19.34	20.50
	16QAM	6	0	19.21	19.39	19.33	20.50
		1	0	19.86	19.75	19.87	20.50
		1	2	19.25	19.86	19.56	20.50
		1	5	19.34	19.69	19.52	20.50
		3	0	19.27	19.36	19.38	20.50
		3	2	19.39	19.51	19.35	20.50
	64QAM	3	3	19.53	19.33	19.34	20.50
		6	0	19.41	19.36	19.42	20.50
		1	0	19.42	19.45	19.37	20.50
		1	2	19.43	19.42	19.38	20.50
		1	5	19.35	19.48	19.49	20.50
		3	0	19.42	19.45	19.43	20.50
3MHz	QPSK	3	2	19.39	19.40	19.41	20.50
		3	3	19.38	19.37	19.33	20.50
		6	0	19.40	19.45	19.37	20.50
		1	0	19.31	19.21	19.17	20.50
		1	7	19.30	19.26	19.15	20.50
		1	14	19.06	19.30	19.31	20.50
	16QAM	8	0	19.41	19.52	19.34	20.50
		8	4	19.43	19.36	19.32	20.50
		8	7	19.35	19.38	19.37	20.50
		15	0	19.26	19.42	19.34	20.50
		1	0	20.03	19.67	19.87	20.50
		1	7	19.27	19.80	19.67	20.50
64QAM	1	14	19.34	19.73	19.36	20.50	
	8	0	19.35	19.43	19.38	20.50	
	8	4	19.40	19.52	19.21	20.50	
	8	7	19.50	19.28	19.34	20.50	
	15	0	19.34	19.23	19.29	20.50	
	1	0	19.40	19.39	19.43	20.50	
5MHz	QPSK	1	7	19.44	19.41	19.45	20.50
		1	14	19.34	19.40	19.42	20.50
		8	0	19.46	19.40	19.41	20.50
		8	4	19.38	19.44	19.44	20.50
		8	7	19.43	19.41	19.36	20.50
		15	0	19.41	19.44	19.37	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	19.32	19.12	19.12	20.50
		1	13	19.15	19.33	19.08	20.50
		1	24	19.11	19.38	19.32	20.50

		12	0	19.32	19.53	19.25	20.50
		12	6	19.40	19.31	19.41	20.50
		12	13	19.26	19.38	19.40	20.50
		25	0	19.28	19.31	19.20	20.50
		1	0	19.95	19.73	19.76	20.50
		1	13	19.18	19.85	19.55	20.50
		1	24	19.34	19.67	19.54	20.50
		12	0	19.40	19.32	19.40	20.50
		12	6	19.55	19.47	19.22	20.50
	12	13	19.37	19.31	19.36	20.50	
	25	0	19.26	19.35	19.36	20.50	
	1	0	19.35	19.41	19.42	20.50	
	1	13	19.43	19.45	19.41	20.50	
	1	24	19.35	19.40	19.49	20.50	
	12	0	19.40	19.39	19.38	20.50	
	12	6	19.42	19.43	19.45	20.50	
	12	13	19.42	19.45	19.38	20.50	
	25	0	19.39	19.45	19.42	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	19.41	19.09	19.12	20.50
		1	25	19.20	19.22	19.24	20.50
		1	49	19.16	19.37	19.19	20.50
		25	0	19.33	19.40	19.28	20.50
		25	13	19.25	19.35	19.32	20.50
		25	25	19.35	19.46	19.31	20.50
	16QAM	1	0	19.95	19.80	19.75	20.50
		1	25	19.17	19.90	19.56	20.50
		1	49	19.45	19.64	19.55	20.50
		25	0	19.41	19.39	19.38	20.50
		25	13	19.46	19.48	19.16	20.50
		25	25	19.51	19.26	19.36	20.50
	64QAM	1	0	19.34	19.45	19.38	20.50
		1	25	19.47	19.44	19.46	20.50
		1	49	19.37	19.43	19.44	20.50
		25	0	19.40	19.41	19.45	20.50
		25	13	19.37	19.46	19.46	20.50
		25	25	19.45	19.41	19.34	20.50
50	0	19.41	19.48	19.36	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	19.37	19.16	19.17	20.50
		1	38	19.24	19.33	19.08	20.50
		1	74	19.10	19.27	19.33	20.50
		36	0	19.42	19.42	19.33	20.50
		36	18	19.36	19.31	19.35	20.50
		36	39	19.27	19.35	19.34	20.50
	16QAM	75	0	19.28	19.26	19.20	20.50
		1	0	19.97	19.67	19.81	20.50
		1	38	19.32	19.81	19.59	20.50
		1	74	19.37	19.74	19.45	20.50
		36	0	19.31	19.24	19.22	20.50
		36	18	19.51	19.39	19.21	20.50
	64QAM	36	39	19.52	19.19	19.28	20.50
		75	0	19.30	19.25	19.32	20.50
		1	0	19.40	19.44	19.42	20.50
		1	38	19.43	19.40	19.42	20.50
		1	74	19.41	19.47	19.44	20.50
		36	0	19.41	19.41	19.40	20.50
36	18	19.37	19.41	19.38	20.50		
36	39	19.46	19.44	19.41	20.50		
75	0	19.38	19.48	19.43	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	

20MHz	QPSK	1	0	19.33	19.18	19.21	20.50
		1	50	19.24	19.24	19.17	20.50
		1	99	19.16	19.29	19.23	20.50
		50	0	19.34	19.46	19.34	20.50
		50	25	19.35	19.34	19.33	20.50
		50	50	19.29	19.42	19.37	20.50
	16QAM	100	0	19.3	19.35	19.29	20.50
		1	0	19.93	19.76	19.79	20.50
		1	50	19.26	19.89	19.58	20.50
		1	99	19.35	19.7	19.46	20.50
		50	0	19.37	19.33	19.32	20.50
		50	25	19.47	19.43	19.26	20.50
	64QAM	50	50	19.47	19.28	19.37	20.50
		100	0	19.35	19.32	19.33	20.50
		1	0	19.43	19.48	19.45	20.50
		1	50	19.50	19.48	19.47	20.50
		1	99	19.43	19.49	19.50	20.50
		50	0	19.48	19.48	19.46	20.50
	64QAM	50	25	19.44	19.47	19.47	20.50
		50	50	19.47	19.46	19.42	20.50
		100	0	19.43	19.49	19.45	20.50
100		0	19.43	19.49	19.45	20.50	

LTE Band 4 DSI 4/5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	21.08	20.99	21.05	22.20	
		1	2	21.21	21.01	21.03	22.20	
		1	5	20.95	20.97	21.04	22.20	
		3	0	21.14	21.14	21.17	22.20	
		3	2	21.07	20.96	21.11	22.20	
		3	3	21.03	21.13	20.99	22.20	
	16QAM	6	0	21.09	21.12	21.01	22.20	
		1	0	21.46	21.39	21.17	22.20	
		1	2	21.34	21.23	21.12	22.20	
		1	5	20.89	21.56	21.28	22.20	
		3	0	21.05	21.11	21.11	22.20	
		3	2	21.21	21.26	20.97	22.20	
	64QAM	3	3	21.11	21.25	21.12	22.20	
		6	0	21.07	21.04	21.13	22.20	
		1	0	21.02	21.01	21.03	22.20	
		1	2	20.98	20.97	20.98	22.20	
		1	5	20.97	20.97	21.03	22.20	
		3	0	20.96	20.97	20.98	22.20	
	3MHz	QPSK	3	2	20.96	21.04	21.03	22.20
			3	3	20.96	20.96	21.00	22.20
			6	0	20.98	21.01	21.02	22.20
1			0	21.25	21.13	20.89	22.20	
1			7	21.22	20.91	21.03	22.20	
1			14	20.98	20.92	20.96	22.20	
16QAM		8	0	21.05	21.14	21.17	22.20	
		8	4	21.25	21.11	20.97	22.20	
		8	7	21.03	21.02	20.97	22.20	
		15	0	21.25	20.96	21.00	22.20	
		1	0	21.27	21.38	21.19	22.20	
		1	7	21.31	21.22	21.10	22.20	
16QAM	1	14	21.01	21.44	21.38	22.20		
	8	0	21.20	21.04	21.12	22.20		
	8	4	21.01	21.11	21.12	22.20		
	8	7	21.11	21.24	21.01	22.20		
	15	0	21.05	21.10	21.11	22.20		
	15	0	21.05	21.10	21.11	22.20		

		1	0	21.01	20.99	21.00	22.20		
		1	7	21.02	21.01	20.98	22.20		
		1	14	21.03	20.97	20.98	22.20		
		8	0	21.03	20.96	21.00	22.20		
		8	4	21.02	21.04	20.98	22.20		
		8	7	21.00	21.01	20.96	22.20		
		15	0	20.99	21.02	20.97	22.20		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				19975	20175	20375			
5MHz	QPSK	1	0	21.18	21.06	21.00	22.20		
		1	13	21.13	21.02	20.98	22.20		
		1	24	21.04	20.86	20.93	22.20		
		12	0	21.06	21.15	21.00	22.20		
		12	6	21.11	21.06	21.01	22.20		
		12	13	21.13	21.01	21.07	22.20		
	16QAM	25	0	21.08	21.10	21.19	22.20		
		1	0	21.40	21.22	21.16	22.20		
		1	13	21.25	21.33	21.13	22.20		
		1	24	20.92	21.46	21.33	22.20		
		12	0	21.04	21.01	21.12	22.20		
		12	6	21.17	21.10	21.12	22.20		
	64QAM	12	13	21.21	21.24	21.16	22.20		
		25	0	21.20	21.10	21.09	22.20		
		1	0	20.97	21.00	21.04	22.20		
		1	13	21.01	20.97	21.02	22.20		
		1	24	20.97	21.01	21.00	22.20		
		12	0	20.96	20.97	21.01	22.20		
	10MHz	QPSK	12	6	20.96	21.03	21.03	22.20	
			12	13	21.04	20.98	20.99	22.20	
			25	0	20.96	21.04	20.98	22.20	
			1	0	21.15	20.96	20.94	22.20	
			1	25	21.21	20.97	20.92	22.20	
			1	49	21.04	20.92	21.00	22.20	
16QAM		25	0	21.05	21.04	21.07	22.20		
		25	13	21.26	20.97	21.02	22.20		
		25	25	21.13	21.09	21.01	22.20		
		50	0	21.19	20.96	21.07	22.20		
		1	0	21.45	21.21	21.31	22.20		
		1	25	21.21	21.36	21.05	22.20		
64QAM		1	49	20.93	21.59	21.36	22.20		
		25	0	21.15	21.09	21.14	22.20		
		25	13	21.16	21.12	21.02	22.20		
		25	25	21.08	21.08	20.96	22.20		
		50	0	21.20	21.04	21.15	22.20		
		1	0	20.98	20.99	21.00	22.20		
15MHz		QPSK	1	25	20.97	21.00	21.01	22.20	
			1	49	20.96	20.97	21.04	22.20	
			25	0	20.96	21.00	21.01	22.20	
			25	13	21.01	20.96	21.00	22.20	
			25	25	21.00	21.04	20.96	22.20	
			50	0	20.96	21.03	20.97	22.20	
	16QAM	1	0	21.13	21.08	21.04	22.20		
		1	38	21.06	20.86	20.98	22.20		
		1	74	20.95	21.05	21.04	22.20		
		36	0	21.20	21.14	21.12	22.20		
		36	18	21.22	21.13	20.99	22.20		
		36	39	21.02	21.08	21.10	22.20		
	5MHz	QPSK	75	0	21.20	21.00	21.01	22.20	
			1	0	21.45	21.33	21.19	22.20	
			1	38	21.32	21.34	21.08	22.20	
			1	74	21.07	21.58	21.35	22.20	
			36	0	21.22	21.14	21.15	22.20	
			1	0	21.18	21.06	21.00	22.20	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20000	20175	20350	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20025	20175	20325	

		36	18	21.20	21.25	21.01	22.20	
		36	39	21.14	21.10	20.98	22.20	
		75	0	21.14	20.91	21.07	22.20	
		64QAM	1	0	21.04	21.01	20.97	22.20
			1	38	20.98	21.04	20.97	22.20
			1	74	20.99	21.04	21.00	22.20
			36	0	21.01	20.97	20.99	22.20
			36	18	20.96	20.96	20.98	22.20
			36	39	20.96	21.01	21.02	22.20
75	0		21.01	21.01	21.04	22.20		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	QPSK	1	0	21.16	21.05	20.95	22.20	
		1	50	21.14	20.95	21	22.20	
		1	99	20.99	20.95	21.02	22.20	
		50	0	21.15	21.1	21.08	22.20	
		50	25	21.16	21.04	21.01	22.20	
		50	50	21.07	21.11	21.07	22.20	
		100	0	21.16	21.04	21.09	22.20	
	16QAM	1	0	21.37	21.29	21.26	22.20	
		1	50	21.31	21.29	21.04	22.20	
		1	99	20.99	21.53	21.29	22.20	
		50	0	21.14	21.11	21.06	22.20	
		50	25	21.11	21.16	21.03	22.20	
		50	50	21.17	21.17	21.06	22.20	
		100	0	21.14	21	21.05	22.20	
	64QAM	1	0	20.98	20.97	20.97	22.20	
		1	50	20.97	20.97	21.02	22.20	
		1	99	20.99	21.00	20.98	22.20	
		50	0	20.99	21.02	21.02	22.20	
		50	25	20.97	21.03	21.00	22.20	
		50	50	21.01	21.00	21.00	22.20	
		100	0	21.02	21.04	21.00	22.20	

LTE Band 4 DSI 8/9/10				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	19.54	19.56	19.59	20.70	
		1	2	19.53	19.42	19.65	20.70	
		1	5	19.58	19.57	19.52	20.70	
		3	0	19.64	19.68	19.55	20.70	
		3	2	19.67	19.55	19.58	20.70	
		3	3	19.59	19.59	19.53	20.70	
		6	0	19.67	19.55	19.50	20.70	
	16QAM	1	0	20.11	19.76	19.58	20.70	
		1	2	19.80	19.98	19.60	20.70	
		1	5	19.76	19.99	20.03	20.70	
		3	0	19.70	19.64	19.54	20.70	
		3	2	19.71	19.59	19.59	20.70	
		3	3	19.67	19.68	19.70	20.70	
		6	0	19.64	19.57	19.54	20.70	
	64QAM	1	0	19.49	19.50	19.59	20.70	
		1	2	19.58	19.51	19.60	20.70	
		1	5	19.51	19.49	19.46	20.70	
		3	0	19.56	19.56	19.54	20.70	
		3	2	19.52	19.54	19.52	20.70	
		3	3	19.55	19.53	19.55	20.70	
		6	0	19.58	19.51	19.50	20.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19965	20175	20385	
	3MHz	QPSK	1	0	19.54	19.56	19.59	20.70
1			7	19.53	19.42	19.65	20.70	
1			14	19.58	19.57	19.52	20.70	
8			0	19.64	19.68	19.55	20.70	

		8	4	19.67	19.55	19.58	20.70
		8	7	19.59	19.59	19.53	20.70
		15	0	19.67	19.55	19.50	20.70
	16QAM	1	0	20.11	19.76	19.58	20.70
		1	7	19.80	19.98	19.60	20.70
		1	14	19.76	19.99	20.03	20.70
		8	0	19.70	19.64	19.54	20.70
		8	4	19.71	19.59	19.59	20.70
		8	7	19.67	19.68	19.70	20.70
		15	0	19.64	19.57	19.54	20.70
	64QAM	1	0	19.56	19.49	19.52	20.70
		1	7	19.53	19.48	19.56	20.70
		1	14	19.53	19.55	19.54	20.70
		8	0	19.52	19.52	19.49	20.70
		8	4	19.58	19.48	19.53	20.70
8		7	19.54	19.51	19.51	20.70	
		15	0	19.57	19.50	19.50	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.54	19.56	19.59	20.70
		1	13	19.53	19.42	19.65	20.70
		1	24	19.58	19.57	19.52	20.70
		12	0	19.64	19.68	19.55	20.70
		12	6	19.67	19.55	19.58	20.70
		12	13	19.59	19.59	19.53	20.70
	25	0	19.67	19.55	19.50	20.70	
	16QAM	1	0	20.11	19.76	19.58	20.70
		1	13	19.80	19.98	19.60	20.70
		1	24	19.76	19.99	20.03	20.70
		12	0	19.70	19.64	19.54	20.70
		12	6	19.71	19.59	19.59	20.70
		12	13	19.67	19.68	19.70	20.70
	25	0	19.64	19.57	19.54	20.70	
	64QAM	1	0	19.56	19.55	19.53	20.70
		1	13	19.55	19.54	19.58	20.70
		1	24	19.55	19.48	19.47	20.70
		12	0	19.54	19.53	19.54	20.70
		12	6	19.54	19.54	19.51	20.70
		12	13	19.51	19.49	19.51	20.70
25		0	19.53	19.54	19.52	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.54	19.56	19.59	20.70
		1	25	19.53	19.42	19.65	20.70
		1	49	19.58	19.57	19.52	20.70
		25	0	19.64	19.68	19.55	20.70
		25	13	19.67	19.55	19.58	20.70
		25	25	19.59	19.59	19.53	20.70
	50	0	19.67	19.55	19.50	20.70	
	16QAM	1	0	20.11	19.76	19.58	20.70
		1	25	19.80	19.98	19.60	20.70
		1	49	19.76	19.99	20.03	20.70
		25	0	19.70	19.64	19.54	20.70
		25	13	19.71	19.59	19.59	20.70
		25	25	19.67	19.68	19.70	20.70
	50	0	19.64	19.57	19.54	20.70	
	64QAM	1	0	19.53	19.53	19.55	20.70
		1	25	19.59	19.53	19.54	20.70
		1	49	19.51	19.54	19.47	20.70
		25	0	19.50	19.56	19.53	20.70
		25	13	19.56	19.53	19.49	20.70
		25	25	19.49	19.53	19.55	20.70
50		0	19.57	19.53	19.56	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.54	19.56	19.59	20.70

		1	38	19.53	19.42	19.65	20.70	
		1	74	19.58	19.57	19.52	20.70	
		36	0	19.64	19.68	19.55	20.70	
		36	18	19.67	19.55	19.58	20.70	
		36	39	19.59	19.59	19.53	20.70	
		16QAM	75	0	19.67	19.55	19.50	20.70
			1	0	20.11	19.76	19.58	20.70
			1	38	19.80	19.98	19.60	20.70
			1	74	19.76	19.99	20.03	20.70
			36	0	19.70	19.64	19.54	20.70
		64QAM	36	18	19.71	19.59	19.59	20.70
			36	39	19.67	19.68	19.70	20.70
			75	0	19.64	19.57	19.54	20.70
			1	0	19.54	19.53	19.52	20.70
			1	38	19.59	19.52	19.56	20.70
			1	74	19.50	19.52	19.52	20.70
			36	0	19.53	19.56	19.48	20.70
			36	18	19.54	19.54	19.52	20.70
			36	39	19.47	19.49	19.48	20.70
			75	0	19.50	19.51	19.52	20.70
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300		
20MHz	QPSK	1	0	19.54	19.56	19.59	20.70	
		1	50	19.53	19.42	19.65	20.70	
		1	99	19.58	19.57	19.52	20.70	
		50	0	19.64	19.68	19.55	20.70	
		50	25	19.67	19.55	19.58	20.70	
		50	50	19.59	19.59	19.53	20.70	
	16QAM	100	0	19.67	19.55	19.5	20.70	
		1	0	20.11	19.76	19.58	20.70	
		1	50	19.8	19.98	19.6	20.70	
		1	99	19.76	19.99	20.03	20.70	
		50	0	19.7	19.64	19.54	20.70	
		50	25	19.71	19.59	19.59	20.70	
	64QAM	50	50	19.67	19.68	19.7	20.70	
		100	0	19.64	19.57	19.54	20.70	
		1	0	19.58	19.58	19.60	20.70	
		1	50	19.60	19.57	19.61	20.70	
		1	99	19.59	19.56	19.55	20.70	
		50	0	19.59	19.61	19.56	20.70	
			50	25	19.61	19.56	19.57	20.70
			50	50	19.56	19.56	19.57	20.70
			100	0	19.59	19.55	19.59	20.70

LTE Band 7 DSI 4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.26	21.47	21.87	23.00
		1	13	21.42	21.82	22.12	23.00
		1	24	21.62	21.90	22.15	23.00
		12	0	21.42	21.86	22.11	23.00
		12	6	21.60	21.69	22.09	23.00
		12	13	21.62	22.11	22.23	23.00
		25	0	21.43	21.96	22.23	23.00
	16QAM	1	0	21.83	21.83	22.63	23.00
		1	13	21.72	21.98	22.31	23.00
		1	24	21.52	22.11	22.84	23.00
		12	0	20.46	20.68	21.02	22.00
		12	6	20.61	21.00	21.09	22.00
		12	13	20.71	20.99	21.25	22.00
		25	0	20.63	20.81	21.12	22.00
	64QAM	1	0	21.63	21.57	21.60	22.00
		1	13	21.52	21.50	21.47	22.00
		1	24	21.45	21.52	21.50	22.00
		12	0	20.58	20.59	20.56	21.00
		12	6	20.51	20.58	20.51	21.00
		12	13	20.49	20.48	20.50	21.00
		25	0	20.50	20.50	20.50	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	21.11	21.37	21.92	23.00
		1	25	21.54	21.94	22.08	23.00
		1	49	21.50	21.85	22.10	23.00
		25	0	21.31	21.79	22.14	23.00
		25	13	21.54	21.74	22.26	23.00
		25	25	21.44	22.09	22.31	23.00
		50	0	21.42	21.84	22.20	23.00
	16QAM	1	0	21.77	21.86	22.57	23.00
		1	25	21.61	21.97	22.36	23.00
		1	49	21.54	22.28	22.97	23.00
		25	0	20.30	20.86	20.99	22.00
		25	13	20.55	20.88	21.13	22.00
		25	25	20.71	21.12	21.36	22.00
		50	0	20.65	20.89	21.17	22.00
	64QAM	1	0	21.62	21.55	21.60	22.00
		1	25	21.50	21.47	21.48	22.00
		1	49	21.46	21.50	21.52	22.00
		25	0	20.63	20.63	20.56	21.00
		25	13	20.54	20.56	20.57	21.00
		25	25	20.54	20.54	20.51	21.00
		50	0	20.50	20.52	20.51	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.13	21.33	21.89	23.00
		1	38	21.36	21.85	22.00	23.00
		1	74	21.67	21.81	22.26	23.00
		36	0	21.29	21.77	22.09	23.00
		36	18	21.58	21.86	22.24	23.00
		36	39	21.52	21.99	22.16	23.00
		75	0	21.45	22.03	22.24	23.00
	16QAM	1	0	21.79	21.90	22.56	23.00
		1	38	21.58	22.11	22.47	23.00
		1	74	21.61	22.18	23.00	23.00
		36	0	20.36	20.84	21.03	22.00
		36	18	20.61	20.90	21.16	22.00
		36	39	20.74	21.03	21.20	22.00
		75	0	20.65	20.94	21.14	22.00
	64QAM	1	0	21.58	21.56	21.58	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20850	21100	21350			
20MHz	QPSK	1	38	21.52	21.49	21.47	22.00		
		1	74	21.51	21.49	21.49	22.00		
		36	0	20.59	20.63	20.56	21.00		
		36	18	20.52	20.57	20.52	21.00		
		36	39	20.52	20.50	20.51	21.00		
		75	0	20.49	20.47	20.48	21.00		
	16QAM	16QAM	1	0	21.2	21.41	21.84	23.00	
			1	50	21.45	21.87	22.03	23.00	
			1	99	21.6	21.88	22.19	23.00	
			50	0	21.38	21.76	22.14	23.00	
			50	25	21.52	21.79	22.19	23.00	
			50	50	21.53	22.03	22.26	23.00	
			100	0	21.47	21.93	22.23	23.00	
		16QAM	16QAM	1	0	21.8	21.81	22.66	23.00
				1	50	21.62	22.07	22.39	23.00
				1	99	21.6	22.2	22.92	23.00
				50	0	20.37	20.76	21.01	22.00
				50	25	20.56	20.94	21.17	22.00
				50	50	20.7	21.05	21.27	22.00
				100	0	20.65	20.9	21.15	22.00
64QAM	64QAM	1	0	21.62	21.59	21.55	22.00		
		1	50	21.46	21.54	21.52	22.00		
		1	99	21.45	21.47	21.50	22.00		
		50	0	20.59	20.63	20.57	21.00		
		50	25	20.52	20.58	20.54	21.00		
		50	50	20.52	20.54	20.53	21.00		
100	0	20.52	20.49	20.47	21.00				

LTE Band 7 DSI 8/9/10				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	19.23	19.42	19.83	21.00	
		1	13	19.46	19.74	20.04	21.00	
		1	24	19.46	19.66	20.20	21.00	
		12	0	19.44	19.68	20.12	21.00	
		12	6	19.55	19.79	20.09	21.00	
		12	13	19.66	19.87	20.23	21.00	
	16QAM	16QAM	25	0	19.40	19.63	20.11	21.00
			1	0	19.40	19.81	19.84	21.00
			1	13	19.53	20.00	20.53	21.00
			1	24	20.02	20.06	20.40	21.00
			12	0	19.36	19.80	20.03	21.00
			12	6	19.44	19.97	20.14	21.00
			12	13	19.66	19.99	20.19	21.00
	64QAM	64QAM	25	0	19.43	19.83	20.23	21.00
			1	0	19.54	19.52	19.52	21.00
			1	13	19.49	19.54	19.55	21.00
			1	24	19.54	19.59	19.56	21.00
			12	0	19.57	19.55	19.53	21.00
			12	6	19.51	19.48	19.54	21.00
			12	13	19.60	19.46	19.58	21.00
25	0	19.51	19.55	19.54	21.00			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
10MHz	QPSK	1	0	19.26	19.45	19.93	21.00	
		1	25	19.47	19.57	20.03	21.00	
		1	49	19.51	19.71	20.24	21.00	
		25	0	19.39	19.68	20.03	21.00	
		25	13	19.46	19.83	20.09	21.00	
		25	25	19.80	19.99	20.19	21.00	
	50	0	19.46	19.81	20.02	21.00		
16QAM	16QAM	1	0	19.30	19.80	20.02	21.00	

		1	25	19.55	19.99	20.53	21.00	
		1	49	20.19	20.03	20.50	21.00	
		25	0	19.40	19.86	19.95	21.00	
		25	13	19.43	19.79	20.13	21.00	
		25	25	19.59	20.09	20.28	21.00	
		50	0	19.61	19.86	20.14	21.00	
	64QAM	1	0	19.55	19.53	19.58	21.00	
		1	25	19.50	19.47	19.51	21.00	
		1	49	19.52	19.55	19.49	21.00	
		25	0	19.57	19.48	19.58	21.00	
		25	13	19.50	19.56	19.54	21.00	
		25	25	19.59	19.53	19.55	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20825	21100	21375		
15MHz	QPSK	1	0	19.30	19.44	19.75	21.00	
		1	38	19.27	19.74	19.99	21.00	
		1	74	19.49	19.66	20.10	21.00	
		36	0	19.32	19.70	20.08	21.00	
		36	18	19.41	19.86	20.16	21.00	
		36	39	19.77	19.91	20.23	21.00	
		75	0	19.41	19.78	20.00	21.00	
	16QAM	1	0	19.38	19.80	19.92	21.00	
		1	38	19.42	19.88	20.62	21.00	
		1	74	20.20	20.15	20.41	21.00	
		36	0	19.35	19.78	20.14	21.00	
		36	18	19.52	19.86	19.98	21.00	
		36	39	19.68	20.10	20.19	21.00	
		75	0	19.48	19.81	20.27	21.00	
	64QAM	1	0	19.55	19.56	19.54	21.00	
		1	38	19.48	19.48	19.53	21.00	
		1	74	19.51	19.55	19.53	21.00	
		36	0	19.54	19.48	19.52	21.00	
		36	18	19.50	19.55	19.50	21.00	
		36	39	19.59	19.48	19.54	21.00	
		75	0	19.50	19.59	19.54	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
	20MHz	QPSK	1	0	19.21	19.4	19.83	21.00
1			50	19.37	19.66	20.04	21.00	
1			99	19.49	19.75	20.19	21.00	
50			0	19.35	19.7	20.09	21.00	
50			25	19.51	19.79	20.13	21.00	
50			50	19.71	19.89	20.24	21.00	
100			0	19.47	19.72	20.09	21.00	
16QAM		1	0	19.34	19.81	19.94	21.00	
		1	50	19.52	19.94	20.55	21.00	
		1	99	20.11	20.1	20.49	21.00	
		50	0	19.35	19.78	20.04	21.00	
		50	25	19.51	19.87	20.07	21.00	
		50	50	19.58	20.04	20.29	21.00	
		100	0	19.53	19.85	20.19	21.00	
64QAM		1	0	19.61	19.60	19.60	21.00	
		1	50	19.57	19.56	19.58	21.00	
		1	99	19.58	19.61	19.58	21.00	
		50	0	19.61	19.57	19.61	21.00	
		50	25	19.56	19.57	19.58	21.00	
		50	50	19.62	19.55	19.60	21.00	
		100	0	19.58	19.63	19.60	21.00	

LTE Band 66 DSI 4/5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	20.86	20.93	20.86	22.20	
		1	2	20.90	20.93	21.01	22.20	
		1	5	21.05	20.92	21.05	22.20	
		3	0	20.97	21.07	20.88	22.20	
		3	1	21.07	21.14	21.05	22.20	
		3	3	20.99	21.12	21.11	22.20	
	16QAM	6	0	21.02	21.06	20.99	22.20	
		1	0	21.17	21.17	21.20	22.20	
		1	2	21.00	20.96	21.05	22.20	
		1	5	21.14	21.14	21.17	22.20	
		3	0	21.15	21.15	21.14	22.20	
		3	1	21.21	21.19	21.15	22.20	
	64QAM	3	3	21.03	20.98	21.04	22.20	
		6	0	21.06	21.05	21.00	22.20	
		1	0	21.08	21.11	21.12	22.20	
		1	2	21.16	21.19	21.12	22.20	
		1	5	21.10	21.08	21.02	22.20	
		3	0	21.01	20.94	21.00	22.20	
		3	1	21.00	20.97	21.03	22.20	
		3	3	20.96	21.01	20.90	22.20	
		6	0	20.87	20.90	20.97	22.20	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz		QPSK	131987	132322	132657			
			1	0	20.88	20.93	20.80	22.20
	1		7	20.90	20.90	21.01	22.20	
	1		14	20.97	20.92	21.02	22.20	
	8		0	20.99	21.00	20.91	22.20	
	8		4	21.02	21.10	21.11	22.20	
	16QAM	8	7	21.04	21.14	21.13	22.20	
		15	0	21.06	21.14	21.03	22.20	
		1	0	21.15	21.16	21.18	22.20	
		1	7	21.00	20.94	21.05	22.20	
		1	14	21.13	21.17	21.16	22.20	
		8	0	21.13	21.18	21.22	22.20	
	64QAM	8	4	21.25	21.22	21.21	22.20	
		8	7	21.03	21.04	21.00	22.20	
		15	0	21.05	21.06	20.98	22.20	
		1	0	21.07	21.11	21.15	22.20	
		1	7	21.15	21.13	21.09	22.20	
		1	14	21.04	21.06	21.02	22.20	
		8	0	21.00	20.94	20.97	22.20	
		8	4	21.02	20.94	21.05	22.20	
		8	7	20.94	21.00	20.95	22.20	
15		0	20.88	20.91	20.91	22.20		
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz		QPSK	131997	132322	132647			
	1		0	20.89	20.93	20.82	22.20	
	1		13	20.91	20.88	20.99	22.20	
	1		24	21.04	20.96	21.02	22.20	
	12		0	21.01	21.01	20.88	22.20	
	12		6	21.00	21.09	21.09	22.20	
	16QAM	12	13	20.98	21.12	21.17	22.20	
		25	0	21.04	21.07	21.02	22.20	
		1	0	21.13	21.18	21.17	22.20	
		1	13	21.04	20.95	21.02	22.20	
		1	24	21.17	21.16	21.16	22.20	
		12	0	21.08	21.17	21.14	22.20	
	64QAM	12	6	21.25	21.24	21.18	22.20	
		12	13	21.05	21.02	21.00	22.20	
		25	0	21.04	21.04	20.99	22.20	
		1	0	21.10	21.07	21.10	22.20	

		1	13	21.22	21.19	21.12	22.20
		1	24	21.10	21.08	21.04	22.20
		12	0	21.00	20.95	20.95	22.20
		12	6	21.02	20.99	21.03	22.20
		12	13	20.97	21.02	20.98	22.20
		25	0	20.88	20.93	20.92	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.85	20.92	20.84	22.20
		1	25	20.90	20.94	20.95	22.20
		1	49	21.02	20.92	21.07	22.20
		25	0	20.96	21.00	20.94	22.20
		25	13	21.07	21.09	21.06	22.20
		25	25	20.97	21.11	21.11	22.20
	16QAM	50	0	21.03	21.09	21.06	22.20
		1	0	21.17	21.18	21.20	22.20
		1	25	21.02	20.94	20.99	22.20
		1	49	21.21	21.17	21.20	22.20
		25	0	21.08	21.23	21.19	22.20
		25	13	21.17	21.23	21.21	22.20
	64QAM	25	25	21.03	21.02	21.06	22.20
		50	0	21.05	21.07	20.97	22.20
		1	0	21.05	21.09	21.15	22.20
		1	25	21.19	21.20	21.12	22.20
		1	49	21.08	21.08	21.02	22.20
		25	0	21.02	20.95	20.94	22.20
		25	13	21.01	21.01	21.06	22.20
		25	25	20.93	21.00	20.92	22.20
		50	0	20.90	20.91	20.92	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.87	20.92	20.81	22.20
		1	38	20.94	20.89	20.93	22.20
		1	74	20.97	20.96	21.03	22.20
		36	0	20.99	21.05	20.88	22.20
		36	18	21.00	21.15	21.05	22.20
		36	39	20.98	21.07	21.12	22.20
	16QAM	75	0	21.02	21.10	21.06	22.20
		1	0	21.18	21.20	21.16	22.20
		1	38	20.98	20.97	20.98	22.20
		1	74	21.18	21.14	21.15	22.20
		36	0	21.13	21.20	21.20	22.20
		36	18	21.23	21.24	21.14	22.20
	64QAM	36	39	20.99	21.02	21.07	22.20
		75	0	21.03	21.09	21.02	22.20
		1	0	21.06	21.09	21.11	22.20
		1	38	21.15	21.18	21.13	22.20
		1	74	21.09	21.04	21.06	22.20
		36	0	21.03	20.89	20.96	22.20
		36	18	20.99	20.94	21.04	22.20
		36	39	20.98	20.98	20.96	22.20
		75	0	20.86	20.89	20.94	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.90	21.00	20.89	22.20
		1	50	20.99	20.95	21.02	22.20
		1	99	21.06	20.99	21.08	22.20
		50	0	21.02	21.08	20.95	22.20
		50	25	21.09	21.18	21.12	22.20
		50	50	21.06	21.15	21.20	22.20
	16QAM	100	0	21.10	21.15	21.07	22.20
		1	0	21.20	21.22	21.21	22.20
		1	50	21.05	21.02	21.07	22.20
		1	99	21.22	21.22	21.23	22.20
		50	0	21.17	21.24	21.23	22.20
		50	25	21.26	21.26	21.22	22.20

	64QAM	50	50	21.06	21.05	21.08	22.20
		100	0	21.07	21.13	21.06	22.20
		1	0	21.13	21.14	21.18	22.20
		1	50	21.23	21.22	21.15	22.20
		1	99	21.12	21.10	21.11	22.20
		50	0	21.04	20.98	21.02	22.20
		50	25	21.06	21.02	21.09	22.20
		50	50	20.99	21.03	20.99	22.20
		100	0	20.95	20.96	21.00	22.20

LTE Band 66 DSI 8/9/10				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	18.86	18.88	18.75	20.70	
		1	2	18.77	18.79	18.96	20.70	
		1	5	18.78	19.01	18.95	20.70	
		3	0	18.81	18.88	18.93	20.70	
		3	1	19.01	19.03	18.98	20.70	
		3	3	18.96	18.99	18.92	20.70	
	16QAM	6	0	19.00	18.96	18.98	20.70	
		1	0	18.83	18.84	18.78	20.70	
		1	2	18.87	18.75	18.88	20.70	
		1	5	18.77	18.75	18.86	20.70	
		3	0	18.83	18.88	18.83	20.70	
		3	1	18.76	18.80	18.86	20.70	
	64QAM	3	3	18.84	18.80	18.79	20.70	
		6	0	18.76	18.81	18.81	20.70	
		1	0	18.81	18.80	18.86	20.70	
		1	2	18.81	18.75	18.85	20.70	
		1	5	18.81	18.85	18.89	20.70	
		3	0	18.81	18.85	18.79	20.70	
3MHz	QPSK	3	1	18.82	18.74	18.78	20.70	
		3	3	18.81	18.88	18.81	20.70	
		6	0	18.82	18.79	18.84	20.70	
		1	0	18.84	18.82	18.80	20.70	
		1	7	18.77	18.76	18.95	20.70	
		1	14	18.76	18.98	19.01	20.70	
	16QAM	8	0	18.77	18.88	18.91	20.70	
		8	4	18.98	19.00	18.98	20.70	
		8	7	18.93	19.02	18.92	20.70	
		15	0	19.00	18.92	18.98	20.70	
		1	0	18.80	18.83	18.82	20.70	
		1	7	18.85	18.82	18.83	20.70	
	64QAM	1	14	18.82	18.77	18.79	20.70	
		8	0	18.83	18.83	18.84	20.70	
		8	4	18.81	18.79	18.81	20.70	
		8	7	18.81	18.80	18.80	20.70	
		15	0	18.76	18.81	18.78	20.70	
		1	0	18.74	18.80	18.83	20.70	
5MHz	QPSK	1	7	18.86	18.79	18.85	20.70	
		1	14	18.81	18.86	18.88	20.70	
		8	0	18.82	18.81	18.75	20.70	
		8	4	18.80	18.79	18.76	20.70	
		8	7	18.82	18.84	18.82	20.70	
		15	0	18.78	18.81	18.84	20.70	
	QPSK	1	0	18.82	18.73	18.77	20.70	
		1	13	18.78	18.80	18.96	20.70	
		1	24	18.76	19.01	18.94	20.70	
		12	0	18.81	18.92	18.92	20.70	
		12	6	18.97	19.01	18.96	20.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131997	132322	132647	

		12	13	19.00	18.99	18.89	20.70
		25	0	19.04	18.95	18.93	20.70
	16QAM	1	0	18.83	18.86	18.81	20.70
		1	13	18.89	18.77	18.86	20.70
		1	24	18.81	18.80	18.83	20.70
		12	0	18.83	18.85	18.82	20.70
		12	6	18.81	18.81	18.81	20.70
		12	13	18.84	18.82	18.83	20.70
		25	0	18.80	18.78	18.75	20.70
		64QAM	1	0	18.76	18.77	18.84
	1		13	18.85	18.75	18.83	20.70
	1		24	18.85	18.81	18.81	20.70
	12		0	18.84	18.84	18.74	20.70
	12		6	18.87	18.73	18.80	20.70
	12		13	18.77	18.88	18.84	20.70
	25		0	18.82	18.80	18.76	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	18.89	18.73	18.77	20.70
		1	25	18.80	18.77	18.96	20.70
		1	49	18.84	18.97	18.97	20.70
		25	0	18.77	18.94	18.91	20.70
		25	13	18.99	18.98	18.96	20.70
		25	25	18.94	18.97	18.92	20.70
		50	0	19.02	18.97	18.97	20.70
	16QAM	1	0	18.84	18.80	18.81	20.70
		1	25	18.85	18.76	18.84	20.70
		1	49	18.78	18.78	18.85	20.70
		25	0	18.85	18.85	18.76	20.70
		25	13	18.76	18.85	18.79	20.70
		25	25	18.79	18.80	18.78	20.70
		50	0	18.79	18.81	18.76	20.70
	64QAM	1	0	18.73	18.74	18.86	20.70
		1	25	18.87	18.74	18.84	20.70
		1	49	18.79	18.80	18.87	20.70
		25	0	18.86	18.84	18.75	20.70
		25	13	18.79	18.74	18.82	20.70
		25	25	18.81	18.83	18.81	20.70
50		0	18.76	18.83	18.76	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	18.85	18.72	18.81	20.70
		1	38	18.82	18.82	18.97	20.70
		1	74	18.84	18.99	18.98	20.70
		36	0	18.82	18.95	18.91	20.70
		36	18	18.95	18.98	18.99	20.70
		36	39	18.94	19.03	18.95	20.70
		75	0	19.03	18.89	18.98	20.70
	16QAM	1	0	18.87	18.81	18.85	20.70
		1	38	18.84	18.77	18.83	20.70
		1	74	18.83	18.81	18.80	20.70
		36	0	18.85	18.87	18.80	20.70
		36	18	18.77	18.87	18.85	20.70
		36	39	18.79	18.83	18.78	20.70
		75	0	18.76	18.75	18.74	20.70
	64QAM	1	0	18.73	18.74	18.86	20.70
		1	38	18.82	18.76	18.81	20.70
		1	74	18.81	18.87	18.83	20.70
		36	0	18.83	18.83	18.81	20.70
		36	18	18.79	18.78	18.83	20.70
		36	39	18.77	18.86	18.80	20.70
75		0	18.82	18.77	18.79	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	18.90	18.75	18.83	20.70
		1	50	18.86	18.85	18.98	20.70

		1	99	18.85	19.03	19.02	20.70
		50	0	18.86	18.96	18.94	20.70
		50	25	19.04	19.05	19.04	20.70
		50	50	19.01	19.06	18.98	20.70
		100	0	19.07	18.98	19.00	20.70
	16QAM	1	0	18.89	18.89	18.87	20.70
		1	50	18.90	18.84	18.89	20.70
		1	99	18.84	18.83	18.87	20.70
		50	0	18.90	18.90	18.85	20.70
		50	25	18.85	18.88	18.87	20.70
		50	50	18.86	18.89	18.86	20.70
	64QAM	100	0	18.85	18.83	18.83	20.70
		1	0	18.82	18.82	18.90	20.70
		1	50	18.89	18.83	18.87	20.70
		1	99	18.86	18.89	18.90	20.70
		50	0	18.88	18.88	18.83	20.70
		50	25	18.88	18.82	18.85	20.70
			50	50	18.86	18.90	18.89
		100	0	18.85	18.86	18.85	20.70

LTE Band 38 DSI 4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.98	23.91	23.63	24.30
		1	13	24.00	23.97	23.65	24.30
		1	24	24.10	24.06	23.65	24.30
		12	0	23.21	23.49	23.22	24.30
		12	6	23.43	23.45	23.11	24.30
		12	13	23.47	23.41	23.03	24.30
	16QAM	25	0	23.24	23.38	23.27	24.30
		1	0	23.52	23.40	23.38	24.30
		1	13	23.31	23.32	23.68	24.30
		1	24	23.33	23.55	23.34	24.30
		12	0	22.25	22.26	22.24	23.30
		12	6	22.21	22.51	22.31	23.30
	64QAM	12	13	22.27	22.38	22.17	23.30
		25	0	22.31	22.31	22.38	23.30
		1	0	21.82	21.82	21.81	23.30
		1	13	21.73	21.76	21.76	23.30
		1	24	21.86	21.86	21.84	23.30
		12	0	20.82	20.88	20.82	22.30
10MHz	QPSK	12	6	20.87	20.86	20.91	22.30
		12	13	20.85	20.89	20.87	22.30
		25	0	20.81	20.78	20.80	22.30
		1	0	23.83	23.96	23.75	24.30
		1	25	24.01	23.96	23.63	24.30
		1	49	24.10	23.94	23.59	24.30
	16QAM	25	0	23.22	23.37	23.38	24.30
		25	13	23.28	23.44	23.27	24.30
		25	25	23.36	23.32	23.12	24.30
		50	0	23.37	23.39	23.15	24.30
		1	0	23.46	23.52	23.35	24.30
		1	25	23.38	23.40	23.65	24.30
64QAM	1	49	23.48	23.49	23.22	24.30	
	25	0	22.14	22.45	22.32	23.30	
	25	13	22.35	22.41	22.37	23.30	
	25	25	22.26	22.46	22.27	23.30	
	50	0	22.36	22.42	22.32	23.30	
	1	0	21.82	21.80	21.82	23.30	
		1	25	21.76	21.69	21.70	23.30
		1	49	21.87	21.84	21.85	23.30
		25	0	20.86	20.86	20.83	22.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	25	13	20.88	20.89	20.88	22.30
		25	25	20.86	20.84	20.82	22.30
		50	0	20.83	20.78	20.83	22.30
		1	0	23.84	23.97	23.76	24.30
		1	38	23.97	23.97	23.70	24.30
		1	74	24.10	23.96	23.71	24.30
		36	0	23.29	23.42	23.39	24.30
	36	18	23.42	23.47	23.23	24.30	
	36	39	23.41	23.33	23.02	24.30	
	75	0	23.32	23.49	23.32	24.30	
	16QAM	1	0	23.42	23.44	23.38	24.30
		1	38	23.33	23.28	23.52	24.30
		1	74	23.53	23.41	23.23	24.30
		36	0	22.21	22.35	22.38	23.30
		36	18	22.30	22.37	22.34	23.30
		36	39	22.37	22.51	22.25	23.30
		75	0	22.25	22.30	22.34	23.30
	64QAM	1	0	21.77	21.80	21.78	23.30
		1	38	21.73	21.73	21.71	23.30
		1	74	21.86	21.88	21.81	23.30
		36	0	20.89	20.88	20.81	22.30
		36	18	20.94	20.86	20.86	22.30
		36	39	20.87	20.84	20.89	22.30
		75	0	20.82	20.83	20.76	22.30
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20MHz	QPSK	1	0	23.88	23.96	23.72	24.30
		1	50	23.91	23.95	23.64	24.30
		1	99	24.06	23.96	23.67	24.30
		50	0	23.28	23.42	23.3	24.30
		50	25	23.35	23.4	23.2	24.30
		50	50	23.4	23.35	23.09	24.30
		100	0	23.33	23.45	23.23	24.30
	16QAM	1	0	23.44	23.48	23.31	24.30
		1	50	23.39	23.37	23.58	24.30
		1	99	23.43	23.48	23.28	24.30
		50	0	22.21	22.35	22.32	23.30
		50	25	22.28	22.46	22.34	23.30
		50	50	22.33	22.41	22.22	23.30
		100	0	22.35	22.4	22.28	23.30
	64QAM	1	0	21.83	21.78	21.76	23.30
		1	50	21.71	21.76	21.72	23.30
		1	99	21.80	21.87	21.81	23.30
		50	0	20.88	20.83	20.81	22.30
		50	25	20.86	20.88	20.88	22.30
		50	50	20.90	20.90	20.88	22.30
		100	0	20.83	20.80	20.83	22.30

LTE Band 38 DSI 8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.72	21.83	21.79	22.30
		1	13	21.96	21.97	21.80	22.30
		1	24	21.88	22.00	21.83	22.30
		12	0	21.75	21.95	21.93	22.30
		12	6	21.93	22.07	21.85	22.30
		12	13	22.11	21.81	21.62	22.30
	16QAM	25	0	22.03	21.85	21.86	22.30
		1	0	21.92	21.94	21.89	22.30
		1	13	21.85	22.07	21.93	22.30
		1	24	21.92	21.81	21.70	22.30
		12	0	21.96	22.01	21.83	22.30

		12	6	22.01	21.88	21.90	22.30	
		12	13	22.11	21.87	21.91	22.30	
		25	0	22.00	21.95	21.83	22.30	
		64QAM	1	0	21.40	21.42	21.38	22.30
			1	13	21.32	21.37	21.35	22.30
			1	24	21.39	21.37	21.38	22.30
			12	0	20.85	20.79	20.80	21.30
			12	6	20.72	20.79	20.81	21.30
			12	13	20.65	20.64	20.75	21.30
25	0	20.67	20.65	20.72	21.30			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37800	38000	38200		
10MHz	QPSK	1	0	21.75	21.81	21.92	22.30	
		1	25	21.98	21.86	21.70	22.30	
		1	49	21.97	21.95	21.78	22.30	
		25	0	21.80	21.80	21.83	22.30	
		25	13	21.98	22.06	21.96	22.30	
		25	25	22.09	21.79	21.71	22.30	
	50	0	21.93	21.91	21.90	22.30		
	16QAM	1	0	22.03	21.85	22.03	22.30	
		1	25	21.85	21.93	21.99	22.30	
		1	49	22.02	21.99	21.76	22.30	
		25	0	21.80	21.89	21.92	22.30	
		25	13	21.97	21.85	21.84	22.30	
		25	25	22.12	21.88	21.76	22.30	
	50	0	22.13	21.85	21.84	22.30		
	64QAM	1	0	21.37	21.43	21.37	22.30	
		1	25	21.35	21.32	21.40	22.30	
		1	49	21.38	21.40	21.35	22.30	
		25	0	20.84	20.75	20.86	21.30	
		25	13	20.70	20.75	20.77	21.30	
		25	25	20.65	20.67	20.67	21.30	
	50	0	20.73	20.65	20.66	21.30		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37825	38000	38175	
	15MHz	QPSK	1	0	21.83	21.87	21.74	22.30
1			38	21.88	21.91	21.81	22.30	
1			74	21.89	22.04	21.81	22.30	
36			0	21.76	21.83	21.93	22.30	
36			18	21.98	22.11	21.93	22.30	
36			39	22.05	21.97	21.67	22.30	
75		0	22.05	21.83	21.77	22.30		
16QAM		1	0	22.08	21.97	22.02	22.30	
		1	38	21.91	21.97	21.98	22.30	
		1	74	22.02	21.98	21.81	22.30	
		36	0	21.90	21.92	21.90	22.30	
		36	18	21.93	21.90	21.92	22.30	
		36	39	21.96	21.86	21.75	22.30	
75		0	22.06	22.01	21.83	22.30		
64QAM		1	0	21.43	21.44	21.38	22.30	
		1	38	21.37	21.31	21.38	22.30	
		1	74	21.43	21.40	21.38	22.30	
		36	0	20.90	20.83	20.84	21.30	
		36	18	20.73	20.79	20.78	21.30	
		36	39	20.62	20.64	20.71	21.30	
75		0	20.73	20.65	20.64	21.30		
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37850	38000	38150	
20MHz		QPSK	1	0	21.81	21.88	21.84	22.30
	1		50	21.89	21.89	21.78	22.30	
	1		99	21.97	21.94	21.75	22.30	
	50		0	21.81	21.86	21.92	22.30	
	50		25	21.99	22.05	21.92	22.30	
	50		50	22.03	21.89	21.68	22.30	
	100	0	21.95	21.87	21.85	22.30		
	16QAM	1	0	21.98	21.95	21.99	22.30	

		1	50	21.94	21.97	21.9	22.30
		1	99	22	21.91	21.77	22.30
		50	0	21.86	21.97	21.86	22.30
		50	25	22.03	21.93	21.86	22.30
		50	50	22.05	21.96	21.82	22.30
		100	0	22.06	21.95	21.89	22.30
	64QAM	1	0	21.45	21.45	21.40	22.30
		1	50	21.39	21.38	21.42	22.30
		1	99	21.44	21.43	21.39	22.30
		50	0	20.91	20.84	20.89	21.30
		50	25	20.79	20.82	20.82	21.30
		50	50	20.70	20.73	20.76	21.30
		100	0	20.74	20.69	20.73	21.30

LTE Band 41 DSI 4/5				Conducted Power(dBm)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up			
				39675	40148	40620	41093	41565				
5MHz	QPSK	1	0	22.51	23.05	23.48	23.63	23.67	24.30			
		1	13	22.39	23.25	23.48	23.52	23.38	24.30			
		1	24	22.56	23.28	23.68	23.6	23.48	24.30			
		12	0	21.94	22.63	23.1	23.08	23.01	23.30			
		12	6	22.03	22.9	23.08	23.05	23.09	23.30			
		12	13	22.06	22.83	23.1	23.04	23.05	23.30			
	16QAM	25	0	21.94	22.8	23.09	22.98	23.03	23.30			
		1	0	21.91	22.6	23.14	23.3	23.09	23.30			
		1	13	22.02	22.61	23	23.17	22.99	23.30			
		1	24	22.12	22.76	23.14	23.17	23.07	23.30			
		12	0	21.02	21.6	22.12	22.24	22.07	22.30			
		12	6	21.09	21.84	22	22.19	22.08	22.30			
	64QAM	12	13	21.21	21.87	22.12	22.17	21.99	22.30			
		25	0	21.09	21.92	22.04	22.14	22.1	22.30			
		1	0	21.72	21.75	21.79	21.78	21.77	22.30			
		1	13	21.79	21.79	21.75	21.78	21.74	22.30			
		1	24	21.80	21.83	21.76	21.76	21.77	22.30			
		12	0	20.79	20.80	20.82	20.80	20.83	21.30			
	10MHz	QPSK	12	6	20.86	20.78	20.82	20.79	20.81	21.30		
			12	13	20.84	20.81	20.80	20.82	20.78	21.30		
			25	0	20.67	20.71	20.70	20.71	20.74	21.30		
			Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
			15MHz	QPSK	1	0	22.44	23.1	23.48	23.66	23.67	24.30
					1	25	22.48	23.25	23.57	23.47	23.39	24.30
1		49			22.64	23.26	23.7	23.61	23.39	24.30		
25		0			21.98	22.67	23.14	23.14	23.01	23.30		
25		13			22.06	22.85	23.03	23.01	23.06	23.30		
25		25			21.99	22.76	23.06	23.1	23.04	23.30		
16QAM		50		0	21.93	22.76	23.07	22.99	23.07	23.30		
		1		0	21.93	22.58	23.15	23.28	23.16	23.30		
	1	25		21.95	22.6	22.99	23.18	23.02	23.30			
	1	49		22.18	22.79	23.09	23.15	23.06	23.30			
	25	0		20.95	21.62	22.04	22.2	22.1	22.30			
	25	13		21.06	21.88	22.03	22.19	22.07	22.30			
64QAM	25	25		21.2	21.91	22.14	22.2	22	22.30			
	50	0		21.18	21.91	22.12	22.12	22.1	22.30			
	1	0		21.73	21.75	21.76	21.76	21.76	22.30			
	1	25		21.78	21.75	21.76	21.75	21.81	22.30			
	1	49		21.82	21.77	21.84	21.78	21.80	22.30			
	25	0		20.84	20.78	20.81	20.86	20.84	21.30			
15MHz	QPSK	25		13	20.86	20.83	20.83	20.80	20.85	21.30		
		25		25	20.78	20.82	20.85	20.78	20.83	21.30		
		50		0	20.68	20.71	20.67	20.71	20.71	21.30		
		Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
		15MHz		QPSK	1	0	39725	40173	40620	41068	41515	24.30
							22.45	23.1	23.54	23.64	23.58	

		1	38	22.49	23.25	23.51	23.5	23.39	24.30
		1	74	22.61	23.28	23.72	23.62	23.45	24.30
		36	0	21.96	22.64	23.13	23.09	22.99	23.30
		36	18	22.11	22.85	23.02	23.04	23.05	23.30
		36	39	22.06	22.8	23.13	23.12	23.1	23.30
		75	0	22.01	22.8	23.1	22.97	23.12	23.30
	16QAM	1	0	21.89	22.59	23.18	23.21	23.07	23.30
		1	38	22	22.61	23.07	23.14	23.03	23.30
		1	74	22.14	22.73	23.19	23.14	23.05	23.30
		36	0	21	21.63	22.07	22.2	22.07	22.30
		36	18	21.08	21.85	22.04	22.12	22.11	22.30
		36	39	21.12	21.91	22.08	22.17	22.05	22.30
		75	0	21.09	21.82	22.08	22.14	22.17	22.30
	64QAM	1	0	21.75	21.77	21.73	21.73	21.75	22.30
		1	38	21.79	21.79	21.78	21.77	21.81	22.30
		1	74	21.84	21.78	21.79	21.78	21.79	22.30
		36	0	20.80	20.84	20.86	20.85	20.85	21.30
		36	18	20.80	20.85	20.79	20.86	20.86	21.30
		36	39	20.81	20.77	20.82	20.78	20.81	21.30
		75	0	20.71	20.67	20.68	20.68	20.66	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	22.47	23.08	23.52	23.62	23.63	24.30
		1	50	22.44	23.21	23.53	23.5	23.38	24.30
		1	99	22.6	23.27	23.7	23.59	23.43	24.30
		50	0	21.97	22.64	23.11	23.1	22.96	23.30
		50	25	22.08	22.86	23.07	23.06	23.09	23.30
		50	50	22.01	22.79	23.1	23.08	23.07	23.30
		100	0	21.98	22.76	23.07	22.98	23.08	23.30
	16QAM	1	0	21.9	22.55	23.16	23.26	23.12	23.30
		1	50	21.98	22.61	23.02	23.13	23.01	23.30
		1	99	22.14	22.78	23.14	23.16	23.07	23.30
		50	0	20.99	21.63	22.07	22.19	22.05	22.30
		50	25	21.11	21.85	22.05	22.17	22.09	22.30
		50	50	21.16	21.91	22.11	22.21	22.01	22.30
		100	0	21.13	21.87	22.08	22.1	22.13	22.30
	64QAM	1	0	21.77	21.72	21.79	21.79	21.73	22.30
		1	50	21.79	21.76	21.73	21.79	21.75	22.30
		1	99	21.79	21.83	21.77	21.83	21.78	22.30
		50	0	20.85	20.84	20.83	20.86	20.81	21.30
		50	25	20.84	20.80	20.86	20.83	20.81	21.30
		50	50	20.85	20.78	20.84	20.84	20.79	21.30
		100	0	20.69	20.71	20.69	20.72	20.68	21.30

LTE Band 41 DSI 8/9/10				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	20.49	20.96	21.47	21.61	21.52	22.30	
		1	13	20.5	21.13	21.55	21.63	21.53	22.30	
		1	24	20.56	21.3	21.66	21.69	21.51	22.30	
		12	0	20.64	21.26	21.67	21.61	21.61	22.30	
		12	6	20.71	21.3	21.61	21.74	21.63	22.30	
		12	13	20.64	21.31	21.8	21.67	21.59	22.30	
	16QAM	25	0	20.68	21.31	21.64	21.7	21.66	22.30	
		1	0	20.79	21.14	21.79	21.82	21.75	22.30	
		1	13	20.53	21.25	21.69	21.57	21.59	22.30	
		1	24	20.67	21.44	21.78	21.74	21.56	22.30	
		12	0	20.55	21.23	21.65	21.68	21.66	22.30	
		12	6	20.7	21.39	21.69	21.62	21.68	22.30	
	64QAM	12	13	20.7	21.38	21.81	21.7	21.65	22.30	
		25	0	20.7	21.42	21.63	21.74	21.7	22.30	
		1	0	21.19	21.16	21.19	21.25	21.13	22.30	
		1	13	21.12	21.20	21.20	21.23	21.14	22.30	
		1	24	21.17	21.17	21.26	21.18	21.25	22.30	
		12	0	20.76	20.79	20.74	20.82	20.82	21.30	
	10MHz	QPSK	12	6	20.74	20.73	20.77	20.72	20.75	21.30
			12	13	20.78	20.78	20.79	20.78	20.77	21.30
			25	0	20.72	20.77	20.75	20.76	20.73	21.30
1			0	20.43	20.95	21.47	21.59	21.5	22.30	
1			25	20.59	21.2	21.54	21.57	21.51	22.30	
1			49	20.57	21.27	21.62	21.6	21.55	22.30	
16QAM		25	0	20.58	21.19	21.58	21.71	21.62	22.30	
		25	13	20.75	21.27	21.65	21.78	21.61	22.30	
		25	25	20.74	21.34	21.77	21.68	21.63	22.30	
		50	0	20.68	21.31	21.65	21.61	21.64	22.30	
		1	0	20.8	21.14	21.78	21.83	21.75	22.30	
		1	25	20.53	21.22	21.68	21.66	21.6	22.30	
64QAM		1	49	20.68	21.49	21.79	21.8	21.58	22.30	
		25	0	20.59	21.26	21.69	21.66	21.72	22.30	
		25	13	20.7	21.32	21.69	21.59	21.67	22.30	
		25	25	20.72	21.42	21.84	21.65	21.75	22.30	
		50	0	20.65	21.37	21.63	21.7	21.68	22.30	
		1	0	21.14	21.17	21.20	21.18	21.14	22.30	
15MHz	QPSK	1	25	21.13	21.19	21.15	21.23	21.14	22.30	
		1	49	21.17	21.25	21.23	21.20	21.24	22.30	
		25	0	20.76	20.78	20.76	20.81	20.85	21.30	
		25	13	20.72	20.78	20.80	20.71	20.75	21.30	
		25	25	20.79	20.82	20.79	20.78	20.73	21.30	
		50	0	20.74	20.80	20.74	20.76	20.76	21.30	
	16QAM	1	0	20.49	20.99	21.49	21.56	21.48	22.30	
		1	38	20.57	21.15	21.58	21.56	21.51	22.30	
		1	74	20.58	21.27	21.69	21.61	21.5	22.30	
		36	0	20.63	21.27	21.65	21.64	21.65	22.30	
		36	18	20.67	21.36	21.61	21.76	21.61	22.30	
		36	39	20.65	21.38	21.72	21.62	21.67	22.30	
16QAM	75	0	20.64	21.31	21.63	21.61	21.69	22.30		
	1	0	20.79	21.15	21.69	21.77	21.74	22.30		
	1	38	20.51	21.24	21.67	21.56	21.59	22.30		
	1	74	20.71	21.5	21.73	21.71	21.6	22.30		
	36	0	20.56	21.31	21.65	21.69	21.69	22.30		
	36	18	20.7	21.35	21.65	21.57	21.72	22.30		
		36	39	20.68	21.46	21.85	21.67	21.68	22.30	
		75	0	20.73	21.39	21.66	21.7	21.76	22.30	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
20MHz	64QAM	1	0	21.14	21.14	21.20	21.21	21.16	22.30	
		1	38	21.18	21.22	21.13	21.19	21.19	22.30	
		1	74	21.11	21.17	21.25	21.15	21.17	22.30	
		36	0	20.73	20.80	20.74	20.81	20.79	21.30	
		36	18	20.76	20.78	20.80	20.73	20.80	21.30	
		36	39	20.75	20.82	20.83	20.81	20.73	21.30	
		75	0	20.79	20.82	20.76	20.80	20.80	21.30	
	QPSK	1	0	20.46	20.99	21.5	21.57	21.49	22.30	
		1	50	20.54	21.15	21.53	21.58	21.48	22.30	
		1	99	20.61	21.32	21.64	21.65	21.53	22.30	
		50	0	20.61	21.23	21.63	21.66	21.6	22.30	
		50	25	20.72	21.32	21.61	21.73	21.63	22.30	
		50	50	20.69	21.36	21.76	21.66	21.62	22.30	
		100	0	20.65	21.35	21.62	21.66	21.66	22.30	
		16QAM	1	0	20.75	21.17	21.74	21.8	21.77	22.30
			1	50	20.54	21.23	21.71	21.61	21.57	22.30
			1	99	20.68	21.48	21.77	21.75	21.61	22.30
			50	0	20.56	21.28	21.67	21.68	21.68	22.30
			50	25	20.67	21.36	21.65	21.62	21.71	22.30
			50	50	20.73	21.43	21.81	21.67	21.7	22.30
		64QAM	100	0	20.69	21.39	21.66	21.75	21.73	22.30
			1	0	21.20	21.21	21.27	21.26	21.22	22.30
			1	50	21.21	21.25	21.22	21.24	21.21	22.30
			1	99	21.20	21.26	21.27	21.21	21.26	22.30
			50	0	20.82	20.81	20.83	20.87	20.87	21.30
			50	25	20.79	20.82	20.82	20.80	20.84	21.30
			50	50	20.81	20.85	20.85	20.85	20.82	21.30
100		0	20.80	20.85	20.83	20.81	20.81	21.30		

3 Conducted Power of Main Antenna (Ant31)

3.1 Conducted Power of GSM

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	29.50	29.52	29.55	30.50	-9.19	20.31	20.33	20.36	21.31
GPRS (GMSK)	1 TX Slot	29.57	29.54	29.60	30.50	-9.19	20.38	20.35	20.41	21.31
	2 TX Slots	27.34	27.23	27.28	28.50	-6.18	21.16	21.05	21.10	22.32
	3 TX Slots	25.53	25.37	25.30	26.50	-4.42	21.11	20.95	20.88	22.08
	4 TX Slots	23.84	23.58	23.58	25.00	-3.17	20.67	20.41	20.41	21.83
EGPRS (GMSK)	1 TX Slot	29.60	29.56	29.31	30.50	-9.19	20.41	20.37	20.12	21.31
	2 TX Slots	27.12	27.41	27.13	28.50	-6.18	20.94	21.23	20.95	22.32
	3 TX Slots	25.44	25.67	25.28	26.50	-4.42	21.02	21.25	20.86	22.08
	4 TX Slots	23.67	23.82	23.47	25.00	-3.17	20.50	20.65	20.30	21.83
EGPRS (8PSK)	1 TX Slot	25.97	26.08	26.12	27.00	-9.19	16.78	16.89	16.93	17.81
	2 TX Slots	23.68	24.00	24.03	25.00	-6.18	17.50	17.82	17.85	18.82
	3 TX Slots	21.75	22.16	22.18	23.00	-4.42	17.33	17.74	17.76	18.58
	4 TX Slots	20.31	20.86	20.62	21.50	-3.17	17.14	17.69	17.45	18.33

GSM 1900 DSI 4/5										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.31	29.05	29.25	30.50	-9.19	20.12	19.86	20.06	21.31
GPRS (GMSK)	1 TX Slot	29.34	29.12	29.30	30.50	-9.19	20.15	19.93	20.11	21.31
	2 TX Slots	26.22	26.19	26.23	27.50	-6.18	20.04	20.01	20.05	21.32
	3 TX Slots	24.51	23.96	24.45	25.70	-4.42	20.09	19.54	20.03	21.28
	4 TX Slots	23.13	22.79	23.13	24.50	-3.17	19.96	19.62	19.96	21.33
EGPRS (GMSK)	1 TX Slot	29.61	29.47	29.32	30.50	-9.19	20.42	20.28	20.13	21.31
	2 TX Slots	26.33	26.18	26.28	27.50	-6.18	20.15	20.00	20.10	21.32
	3 TX Slots	24.63	24.43	24.50	25.70	-4.42	20.21	20.01	20.08	21.28
	4 TX Slots	23.15	23.06	23.18	24.50	-3.17	19.98	19.89	20.01	21.33
EGPRS (8PSK)	1 TX Slot	25.97	26.08	26.12	27.00	-9.19	16.78	16.89	16.93	17.81
	2 TX Slots	23.68	24.00	24.03	25.00	-6.18	17.50	17.82	17.85	18.82
	3 TX Slots	21.75	22.16	22.18	23.00	-4.42	17.33	17.74	17.76	18.58
	4 TX Slots	20.31	20.86	20.62	21.50	-3.17	17.14	17.69	17.45	18.33

GSM 1900 DSI 8/9/10										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	28.28	28.35	28.26	29.50	-9.19	19.09	19.16	19.07	20.31
GPRS (GMSK)	1 TX Slot	28.30	28.39	28.30	29.50	-9.19	19.11	19.20	19.11	20.31
	2 TX Slots	25.47	25.18	25.15	26.50	-6.18	19.29	19.00	18.97	20.32
	3 TX Slots	23.50	23.10	23.18	24.70	-4.42	19.08	18.68	18.76	20.28
	4 TX Slots	22.15	22.08	22.08	23.50	-3.17	18.98	18.91	18.91	20.33
EGPRS (GMSK)	1 TX Slot	28.62	28.54	28.58	29.50	-9.19	19.43	19.35	19.39	20.31
	2 TX Slots	25.87	25.49	25.46	26.50	-6.18	19.69	19.31	19.28	20.32
	3 TX Slots	23.95	23.46	23.46	24.70	-4.42	19.53	19.04	19.04	20.28
	4 TX Slots	22.68	22.50	22.42	23.50	-3.17	19.51	19.33	19.25	20.33
EGPRS (8PSK)	1 TX Slot	25.97	26.08	26.12	27.00	-9.19	16.78	16.89	16.93	17.81
	2 TX Slots	23.68	24.00	24.03	25.00	-6.18	17.50	17.82	17.85	18.82
	3 TX Slots	21.75	22.16	22.18	23.00	-4.42	17.33	17.74	17.76	18.58
	4 TX Slots	20.31	20.86	20.62	21.50	-3.17	17.14	17.69	17.45	18.33

3.2 Conducted Power of WCDMA

4 WCDMA Band II DSI 2/3					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.68	23.62	23.61	24.50
	12.2kbps AMR	23.66	23.58	23.58	24.50
HSDPA	Subtest 1	22.74	22.76	22.74	23.50
	Subtest 2	22.77	22.82	22.74	23.50
	Subtest 3	22.30	22.27	22.25	23.00
	Subtest 4	22.28	21.94	22.27	23.00
HSUPA	Subtest 1	22.83	22.82	22.81	23.50
	Subtest 2	20.85	20.81	20.80	21.50
	Subtest 3	21.84	21.84	21.80	22.50
	Subtest 4	20.87	20.80	20.83	21.50
	Subtest 5	22.84	22.82	22.78	23.50
DC-HSDPA	Subtest 1	22.70	22.83	22.71	23.50
	Subtest 2	22.72	22.86	22.73	23.50
	Subtest 3	22.33	22.26	22.17	23.00
	Subtest 4	22.36	21.99	22.20	23.00
HSPA+	16QAM	21.10	21.06	21.03	21.50

WCDMA Band II DSI 4/5					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.2	20.17	20.05	21.00
	12.2kbps AMR	20.16	20.15	20	21.00
HSDPA	Subtest 1	19.35	19.38	19.35	20.00
	Subtest 2	19.38	19.38	19.33	20.00
	Subtest 3	18.89	18.90	18.87	19.50
	Subtest 4	18.91	18.83	18.80	19.50
HSUPA	Subtest 1	19.31	19.31	19.28	20.00
	Subtest 2	17.31	17.29	17.23	18.00
	Subtest 3	18.30	18.28	18.23	19.00
	Subtest 4	17.31	17.25	17.24	18.00
	Subtest 5	19.33	19.29	19.24	20.00
DC-HSDPA	Subtest 1	19.25	19.31	19.35	20.00
	Subtest 2	19.38	19.42	19.29	20.00
	Subtest 3	18.89	18.88	18.96	19.50
	Subtest 4	18.93	18.86	18.86	19.50
HSPA+	16QAM	17.45	17.44	17.50	18.00

WCDMA Band II DSI 8/9/10					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.14	19.12	19.08	20.00
	12.2kbps AMR	19.08	19.09	19.05	20.00
HSDPA	Subtest 1	18.26	18.26	18.22	19.00
	Subtest 2	18.15	18.26	18.23	19.00
	Subtest 3	17.79	17.81	17.71	18.50
	Subtest 4	17.78	17.81	17.71	18.50
HSUPA	Subtest 1	18.28	18.30	18.22	19.00
	Subtest 2	16.28	16.27	16.24	17.00
	Subtest 3	17.30	17.25	17.23	18.00
	Subtest 4	16.31	16.26	16.20	17.00
	Subtest 5	18.28	18.27	18.19	19.00
DC-HSDPA	Subtest 1	18.20	18.29	18.28	19.00
	Subtest 2	18.08	18.32	18.30	19.00
	Subtest 3	17.72	17.73	17.71	18.50
	Subtest 4	17.84	17.77	17.80	18.50
HSPA+	16QAM	16.44	16.43	16.50	17.00