

Appendix E

Conducted RF Output Power

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Note:

DSI	Trigger Conditions	Antenna No.
DSI 5	Receiver on	All WWAN Ant
DSI 6	Receiver off	All WWAN Ant
DSI 7	Receiver on+WLAN	All WWAN Ant
DSI 8	Receiver off+WLAN/Hotspot	All WWAN Ant

Measurement of RF conducted Power

1 Conducted Power of Main Antenna (Ant13)

1.1 Conducted Power of GSM

GSM 850 DSI 5										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	29.12	29.27	29.23	30.50	-9.19	19.93	20.08	20.04	21.31
GPRS (GMSK)	1 TX Slot	29.30	29.40	29.37	30.50	-9.19	20.11	20.21	20.18	21.31
	2 TX Slots	26.35	26.36	26.32	27.00	-6.18	20.17	20.18	20.14	20.82
	3 TX Slots	24.33	24.35	24.43	25.20	-4.42	19.91	19.93	20.01	20.78
	4 TX Slots	23.39	23.26	23.30	24.30	-3.17	20.22	20.09	20.13	21.13
EGPRS (GMSK)	1 TX Slot	29.33	29.40	29.32	30.50	-9.19	20.14	20.21	20.13	21.31
	2 TX Slots	26.27	26.42	26.29	27.00	-6.18	20.09	20.24	20.11	20.82
	3 TX Slots	24.44	24.47	24.38	25.20	-4.42	20.02	20.05	19.96	20.78
	4 TX Slots	23.37	23.29	23.28	24.30	-3.17	20.20	20.12	20.11	21.13
EGPRS (8PSK)	1 TX Slot	26.80	26.94	26.79	27.70	-9.19	17.61	17.75	17.60	18.51
	2 TX Slots	25.81	25.91	25.82	26.60	-6.18	19.63	19.73	19.64	20.42
	3 TX Slots	23.62	23.65	23.76	24.40	-4.42	19.20	19.23	19.34	19.98
	4 TX Slots	22.37	22.44	22.44	23.20	-3.17	19.20	19.27	19.27	20.03

GSM 850 DSI 7										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	28.05	28.17	28.18	29.50	-9.19	18.86	18.98	18.99	20.31
GPRS (GMSK)	1 TX Slot	28.17	28.29	28.28	29.50	-9.19	18.98	19.10	19.09	20.31
	2 TX Slots	25.13	25.13	24.98	26.00	-6.18	18.95	18.95	18.80	19.82
	3 TX Slots	23.03	23.12	23.06	24.20	-4.42	18.61	18.70	18.64	19.78
	4 TX Slots	22.24	22.15	22.00	23.30	-3.17	19.07	18.98	18.83	20.13
EGPRS (GMSK)	1 TX Slot	28.24	28.26	28.23	29.50	-9.19	19.05	19.07	19.04	20.31
	2 TX Slots	25.11	25.19	25.12	26.00	-6.18	18.93	19.01	18.94	19.82
	3 TX Slots	23.00	22.99	23.13	24.20	-4.42	18.58	18.57	18.71	19.78
	4 TX Slots	22.25	22.03	21.89	23.30	-3.17	19.08	18.86	18.72	20.13
EGPRS (8PSK)	1 TX Slot	26.53	26.51	26.50	27.70	-9.19	17.34	17.32	17.31	18.51
	2 TX Slots	24.97	24.91	25.06	25.60	-6.18	18.79	18.73	18.88	19.42
	3 TX Slots	22.75	22.74	22.62	23.40	-4.42	18.33	18.32	18.20	18.98
	4 TX Slots	21.58	21.52	21.48	22.20	-3.17	18.41	18.35	18.31	19.03

GSM 850 DSI 6										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.45	32.55	32.53	33.50	-9.19	23.26	23.36	23.34	24.31
GPRS (GMSK)	1 TX Slot	32.53	32.70	32.58	33.50	-9.19	23.34	23.51	23.39	24.31
	2 TX Slots	31.04	31.08	31.00	32.00	-6.18	24.86	24.90	24.82	25.82
	3 TX Slots	29.19	29.10	29.09	30.20	-4.42	24.77	24.68	24.67	25.78
	4 TX Slots	28.25	28.18	28.15	29.30	-3.17	25.08	25.01	24.98	26.13
EGPRS (GMSK)	1 TX Slot	32.38	32.67	32.66	33.50	-9.19	23.19	23.48	23.47	24.31
	2 TX Slots	31.16	31.06	30.93	32.00	-6.18	24.98	24.88	24.75	25.82
	3 TX Slots	29.24	29.19	29.16	30.20	-4.42	24.82	24.77	24.74	25.78
	4 TX Slots	28.18	28.18	28.19	29.30	-3.17	25.01	25.01	25.02	26.13
EGPRS (8PSK)	1 TX Slot	26.80	26.94	26.79	27.70	-9.19	17.61	17.75	17.60	18.51
	2 TX Slots	25.81	25.91	25.82	26.60	-6.18	19.63	19.73	19.64	20.42
	3 TX Slots	23.62	23.65	23.76	24.40	-4.42	19.20	19.23	19.34	19.98
	4 TX Slots	22.37	22.44	22.44	23.20	-3.17	19.20	19.27	19.27	20.03

GSM 850 DSI 8										
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	32.45	32.55	32.53	33.50	-9.19	23.26	23.36	23.34	24.31
GPRS (GMSK)	1 TX Slot	32.53	32.70	32.58	33.50	-9.19	23.34	23.51	23.39	24.31
	2 TX Slots	29.66	29.73	29.85	30.50	-6.18	23.48	23.55	23.67	24.32
	3 TX Slots	27.59	27.72	27.57	28.70	-4.42	23.17	23.30	23.15	24.28
	4 TX Slots	26.63	26.73	26.58	27.80	-3.17	23.46	23.56	23.41	24.63
EGPRS (GMSK)	1 TX Slot	32.38	32.67	32.66	33.50	-9.19	23.19	23.48	23.47	24.31
	2 TX Slots	29.69	29.70	29.71	30.50	-6.18	23.51	23.52	23.53	24.32
	3 TX Slots	27.50	27.59	27.48	28.70	-4.42	23.08	23.17	23.06	24.28
	4 TX Slots	26.66	26.66	26.69	27.80	-3.17	23.49	23.49	23.52	24.63
EGPRS (8PSK)	1 TX Slot	26.80	26.94	26.79	27.70	-9.19	17.61	17.75	17.60	18.51
	2 TX Slots	25.81	25.91	25.82	26.60	-6.18	19.63	19.73	19.64	20.42
	3 TX Slots	23.62	23.65	23.76	24.40	-4.42	19.20	19.23	19.34	19.98
	4 TX Slots	22.37	22.44	22.44	23.20	-3.17	19.20	19.27	19.27	20.03

GSM 1900 DSI 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	23.81	23.82	23.94	25.00	-9.19	14.62	14.63	14.75	15.81
GPRS (GMSK)	1 TX Slot	23.97	23.85	23.90	25.00	-9.19	14.78	14.66	14.71	15.81
	2 TX Slots	20.95	20.95	20.99	21.40	-6.18	14.77	14.77	14.81	15.22
	3 TX Slots	18.78	18.93	18.88	19.30	-4.42	14.36	14.51	14.46	14.88
	4 TX Slots	17.73	17.81	17.90	18.20	-3.17	14.56	14.64	14.73	15.03
EGPRS (GMSK)	1 TX Slot	24.05	23.81	23.98	25.00	-9.19	14.86	14.62	14.79	15.81
	2 TX Slots	21.09	20.85	20.90	21.40	-6.18	14.91	14.67	14.72	15.22
	3 TX Slots	18.81	18.90	18.87	19.30	-4.42	14.39	14.48	14.45	14.88
	4 TX Slots	17.87	17.67	18.00	18.20	-3.17	14.70	14.50	14.83	15.03
EGPRS (8PSK)	1 TX Slot	24.04	24.14	24.00	24.30	-9.19	14.85	14.95	14.81	15.11
	2 TX Slots	21.00	21.09	20.88	21.90	-6.18	14.82	14.91	14.70	15.72
	3 TX Slots	18.88	19.03	18.85	19.30	-4.42	14.46	14.61	14.43	14.88
	4 TX Slots	17.55	17.78	17.45	18.10	-3.17	14.38	14.61	14.28	14.93

GSM 1900 DSI 7										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	23.33	23.31	23.42	24.50	-9.19	14.14	14.12	14.23	15.31
GPRS (GMSK)	1 TX Slot	23.32	23.35	23.40	24.50	-9.19	14.13	14.16	14.21	15.31
	2 TX Slots	20.28	20.40	20.51	20.90	-6.18	14.10	14.22	14.33	14.72
	3 TX Slots	18.39	18.34	18.24	18.80	-4.42	13.97	13.92	13.82	14.38
	4 TX Slots	17.26	17.34	17.30	17.70	-3.17	14.09	14.17	14.13	14.53
EGPRS (GMSK)	1 TX Slot	23.31	23.33	23.41	24.50	-9.19	14.12	14.14	14.22	15.31
	2 TX Slots	20.22	20.54	20.51	20.90	-6.18	14.04	14.36	14.33	14.72
	3 TX Slots	18.46	18.33	18.22	18.80	-4.42	14.04	13.91	13.80	14.38
	4 TX Slots	17.38	17.37	17.23	17.70	-3.17	14.21	14.20	14.06	14.53
EGPRS (8PSK)	1 TX Slot	23.16	23.75	23.23	23.80	-9.19	13.97	14.56	14.04	14.61
	2 TX Slots	20.15	20.51	20.21	21.40	-6.18	13.97	14.33	14.03	15.22
	3 TX Slots	17.99	18.37	18.05	18.80	-4.42	13.57	13.95	13.63	14.38
	4 TX Slots	16.81	17.24	16.89	17.60	-3.17	13.64	14.07	13.72	14.43

GSM 1900 DSI 6										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	28.26	28.22	28.22	29.50	-9.19	19.07	19.03	19.03	20.31
GPRS (GMSK)	1 TX Slot	28.36	28.25	28.35	29.50	-9.19	19.17	19.06	19.16	20.31
	2 TX Slots	25.92	25.83	25.94	26.40	-6.18	19.74	19.65	19.76	20.22
	3 TX Slots	23.87	23.84	23.73	24.30	-4.42	19.45	19.42	19.31	19.88
	4 TX Slots	23.00	22.90	22.89	23.20	-3.17	19.83	19.73	19.72	20.03
EGPRS (GMSK)	1 TX Slot	28.23	28.14	28.21	29.50	-9.19	19.04	18.95	19.02	20.31
	2 TX Slots	25.93	25.76	25.98	26.40	-6.18	19.75	19.58	19.80	20.22
	3 TX Slots	23.81	23.92	23.83	24.30	-4.42	19.39	19.50	19.41	19.88
	4 TX Slots	23.13	22.93	23.02	23.20	-3.17	19.96	19.76	19.85	20.03
EGPRS (8PSK)	1 TX Slot	26.62	26.59	26.44	26.80	-9.19	17.43	17.40	17.25	17.61
	2 TX Slots	25.48	25.54	25.50	26.40	-6.18	19.30	19.36	19.32	20.22
	3 TX Slots	23.68	23.55	23.66	23.80	-4.42	19.26	19.13	19.24	19.38
	4 TX Slots	22.29	22.43	22.47	22.60	-3.17	19.12	19.26	19.30	19.43

GSM 1900 DSI 8										
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	27.39	27.33	27.40	28.50	-9.19	18.20	18.14	18.21	19.31
GPRS (GMSK)	1 TX Slot	27.41	27.38	27.49	28.50	-9.19	18.22	18.19	18.30	19.31
	2 TX Slots	24.95	24.93	24.78	25.40	-6.18	18.77	18.75	18.60	19.22
	3 TX Slots	22.74	22.79	22.86	23.30	-4.42	18.32	18.37	18.44	18.88
	4 TX Slots	21.90	21.85	21.88	22.20	-3.17	18.73	18.68	18.71	19.03
EGPRS (GMSK)	1 TX Slot	27.29	27.51	27.58	28.50	-9.19	18.10	18.32	18.39	19.31
	2 TX Slots	24.91	24.79	24.75	25.40	-6.18	18.73	18.61	18.57	19.22
	3 TX Slots	22.74	22.78	22.80	23.30	-4.42	18.32	18.36	18.38	18.88
	4 TX Slots	21.99	21.99	21.74	22.20	-3.17	18.82	18.82	18.57	19.03
EGPRS (8PSK)	1 TX Slot	25.45	25.91	25.55	26.30	-9.19	16.26	16.72	16.36	17.11
	2 TX Slots	23.19	23.61	23.17	24.40	-6.18	17.01	17.43	16.99	18.22
	3 TX Slots	22.54	22.97	22.51	23.30	-4.42	18.12	18.55	18.09	18.88
	4 TX Slots	21.49	21.91	21.55	22.10	-3.17	18.32	18.74	18.38	18.93

1.2 Conducted Power of WCDMA

WCDMA Band II DSI 5					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	14.83	15.11	14.81	15.70
	12.2kbps AMR	14.80	15.00	14.80	15.70
HSDPA	Subtest 1	13.58	13.75	13.55	14.70
	Subtest 2	13.58	13.76	13.54	14.70
	Subtest 3	13.11	13.33	13.05	14.50
	Subtest 4	13.11	13.27	13.01	14.50
HSUPA	Subtest 1	11.57	12.24	12.05	13.00
	Subtest 2	11.59	11.76	11.55	12.60
	Subtest 3	9.62	9.82	9.55	10.60
	Subtest 4	11.11	11.30	11.08	12.30
	Subtest 5	12.57	12.77	12.59	14.00
DC-HSDPA	Subtest 1	13.55	13.74	13.54	14.70
	Subtest 2	13.54	13.68	13.45	14.70
	Subtest 3	13.03	13.31	13.01	14.50
	Subtest 4	13.07	13.24	12.97	14.50
HSPA+	16QAM	11.31	11.44	11.15	12.50

WCDMA Band II DSI 7					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	14.02	14.06	13.96	14.70
	12.2kbps AMR	14.00	14.07	13.95	14.70
HSDPA	Subtest 1	12.60	12.79	12.56	13.70
	Subtest 2	12.64	12.82	12.58	13.70
	Subtest 3	12.20	12.34	12.11	13.50
	Subtest 4	12.14	12.28	12.06	13.50
HSUPA	Subtest 1	10.61	11.30	11.06	12.00
	Subtest 2	10.62	10.77	10.55	11.60
	Subtest 3	8.64	8.84	8.56	9.60
	Subtest 4	10.14	10.30	10.10	11.30
	Subtest 5	11.62	11.79	11.60	13.00
DC-HSDPA	Subtest 1	12.56	12.74	12.51	13.70
	Subtest 2	12.56	12.77	12.52	13.70
	Subtest 3	12.16	12.27	12.08	13.50
	Subtest 4	12.10	12.25	11.97	13.50
HSPA+	16QAM	10.24	10.52	10.22	11.50

WCDMA Band II DSI 6					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	18.55	18.56	18.54	19.20
	12.2kbps AMR	18.50	18.55	18.49	19.20
HSDPA	Subtest 1	17.29	17.10	17.22	18.20
	Subtest 2	17.31	17.11	17.09	18.20
	Subtest 3	16.83	16.64	16.61	18.00
	Subtest 4	16.79	16.61	16.59	18.00
HSUPA	Subtest 1	15.63	15.80	15.56	16.50
	Subtest 2	15.14	15.29	15.07	16.10
	Subtest 3	16.16	16.31	16.09	17.50
	Subtest 4	14.68	14.81	14.62	15.80
	Subtest 5	16.14	16.29	16.11	17.50
DC-HSDPA	Subtest 1	17.22	17.03	17.14	18.20
	Subtest 2	17.24	17.09	17.08	18.20
	Subtest 3	16.82	16.58	16.52	18.00
	Subtest 4	16.75	16.59	16.50	18.00
HSPA+	16QAM	14.88	14.95	14.85	16.00

WCDMA Band II DSI 8					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	17.02	17.07	17.04	17.70
	12.2kbps AMR	17.00	17.03	16.99	17.70
HSDPA	Subtest 1	15.80	15.58	15.55	16.70
	Subtest 2	15.82	15.57	15.64	16.70
	Subtest 3	15.32	15.12	15.09	16.50
	Subtest 4	15.32	15.09	15.11	16.50
HSUPA	Subtest 1	13.63	14.30	14.33	15.00
	Subtest 2	13.63	13.80	13.82	14.60
	Subtest 3	11.62	11.85	11.89	12.60
	Subtest 4	13.16	13.30	13.31	14.30
	Subtest 5	14.64	14.81	14.82	16.00
DC-HSDPA	Subtest 1	15.78	15.55	15.50	16.70
	Subtest 2	15.80	15.51	15.55	16.70
	Subtest 3	15.26	15.11	15.00	16.50
	Subtest 4	15.31	15.08	15.06	16.50
HSPA+	16QAM	13.26	13.45	13.50	14.50

WCDMA Band IV DSI 5					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	16.64	16.76	16.67	17.50
	12.2kbps AMR	16.61	16.75	16.66	17.50
HSDPA	Subtest 1	15.63	15.75	15.77	16.70
	Subtest 2	15.63	15.77	15.76	16.70
	Subtest 3	15.20	15.29	15.30	16.30
	Subtest 4	15.17	15.26	15.27	16.30
HSUPA	Subtest 1	14.11	14.26	14.27	15.30
	Subtest 2	13.64	13.76	13.78	14.70
	Subtest 3	11.67	11.76	11.81	12.70
	Subtest 4	13.17	13.31	13.31	14.30
	Subtest 5	14.65	14.76	14.79	15.70
DC-HSDPA	Subtest 1	15.60	15.72	15.69	16.70
	Subtest 2	15.60	15.71	15.69	16.70
	Subtest 3	15.11	15.26	15.27	16.30
	Subtest 4	15.14	15.22	15.26	16.30
HSPA+	16QAM	13.42	13.40	13.51	14.50

WCDMA Band IV DSI 7					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	15.77	15.76	15.68	16.50
	12.2kbps AMR	15.75	15.74	15.64	16.50
HSDPA	Subtest 1	14.64	14.77	14.78	15.70
	Subtest 2	14.60	14.79	14.76	15.70
	Subtest 3	14.14	14.29	14.33	15.30
	Subtest 4	14.09	14.27	14.27	15.30
HSUPA	Subtest 1	13.15	13.27	13.28	14.30
	Subtest 2	12.64	12.80	12.79	13.70
	Subtest 3	10.61	10.79	10.78	11.70
	Subtest 4	12.19	12.30	12.31	13.30
	Subtest 5	13.67	13.77	13.81	14.70
DC-HSDPA	Subtest 1	14.55	14.70	14.74	15.70
	Subtest 2	14.52	14.77	14.71	15.70
	Subtest 3	14.10	14.26	14.27	15.30
	Subtest 4	14.05	14.18	14.26	15.30
HSPA+	16QAM	12.39	12.44	12.45	13.50

WCDMA Band IV DSI 6					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.22	20.27	20.25	21.00
	12.2kbps AMR	20.21	20.24	20.24	21.00
HSDPA	Subtest 1	19.15	19.28	19.28	20.20
	Subtest 2	19.16	19.33	19.30	20.20
	Subtest 3	18.74	18.83	18.87	19.80
	Subtest 4	18.71	18.82	18.82	19.80
HSUPA	Subtest 1	17.64	17.77	17.80	18.80
	Subtest 2	17.18	17.28	17.29	18.20
	Subtest 3	18.19	18.31	18.33	19.20
	Subtest 4	16.67	16.79	16.81	17.80
	Subtest 5	18.16	18.29	18.30	19.20
DC-HSDPA	Subtest 1	19.08	19.26	19.20	20.20
	Subtest 2	19.13	19.26	19.28	20.20
	Subtest 3	18.72	18.78	18.81	19.80
	Subtest 4	18.67	18.73	18.75	19.80
HSPA+	16QAM	16.87	16.81	16.99	18.00

WCDMA Band IV DSI 8					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.79	18.83	18.75	19.50
	12.2kbps AMR	18.77	18.74	18.71	19.50
HSDPA	Subtest 1	17.65	17.77	17.79	18.70
	Subtest 2	17.68	17.80	17.83	18.70
	Subtest 3	17.23	17.31	17.38	18.30
	Subtest 4	17.17	17.32	17.32	18.30
HSUPA	Subtest 1	16.07	16.22	16.27	17.30
	Subtest 2	15.59	15.76	15.73	16.70
	Subtest 3	16.67	16.79	16.82	17.70
	Subtest 4	15.13	15.24	15.28	16.30
	Subtest 5	16.65	16.73	16.79	17.70
DC-HSDPA	Subtest 1	17.56	17.74	17.71	18.70
	Subtest 2	17.61	17.72	17.76	18.70
	Subtest 3	17.16	17.28	17.32	18.30
	Subtest 4	17.13	17.27	17.25	18.30
HSPA+	16QAM	15.23	15.44	15.31	16.50

WCDMA Band V DSI 5					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	20.77	20.79	20.71	21.80
	12.2kbps AMR	20.77	20.75	20.70	21.80
HSDPA	Subtest 1	19.77	19.79	19.70	20.80
	Subtest 2	19.79	19.81	19.75	20.80
	Subtest 3	19.34	19.34	19.25	20.40
	Subtest 4	19.30	19.33	19.24	20.40
HSUPA	Subtest 1	17.76	18.29	17.67	19.40
	Subtest 2	17.76	17.80	17.68	18.80
	Subtest 3	18.80	18.82	18.72	19.80
	Subtest 4	17.28	17.31	17.23	18.30
	Subtest 5	18.77	18.78	18.71	19.80
DC-HSDPA	Subtest 1	19.70	19.75	19.65	20.80
	Subtest 2	19.74	19.77	19.66	20.80
	Subtest 3	19.25	19.31	19.16	20.40
	Subtest 4	19.28	19.32	19.19	20.40
HSPA+	16QAM	17.42	17.44	17.39	18.50

WCDMA Band V DSI 7					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	18.21	18.24	18.22	19.30
	12.2kbps AMR	18.11	18.20	18.21	19.30
HSDPA	Subtest 1	17.26	17.30	17.21	18.30
	Subtest 2	17.27	17.31	17.20	18.30
	Subtest 3	16.84	16.86	16.75	17.90
	Subtest 4	16.82	16.85	16.73	17.90
HSUPA	Subtest 1	15.79	15.81	15.72	16.90
	Subtest 2	15.28	15.29	15.22	16.30
	Subtest 3	16.29	16.33	16.23	17.30
	Subtest 4	14.79	14.81	14.74	15.80
	Subtest 5	16.28	16.30	16.22	17.30
DC-HSDPA	Subtest 1	17.24	17.28	17.15	18.30
	Subtest 2	17.24	17.30	17.18	18.30
	Subtest 3	16.80	16.78	16.68	17.90
	Subtest 4	16.78	16.80	16.71	17.90
HSPA+	16QAM	14.85	14.88	14.89	16.00

WCDMA Band V DSI 6/8					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.88	23.89	23.82	24.80
	12.2kbps AMR	23.81	23.85	23.84	24.80
HSDPA	Subtest 1	22.79	22.83	22.74	23.80
	Subtest 2	22.82	22.84	22.71	23.80
	Subtest 3	22.41	22.43	22.31	23.40
	Subtest 4	22.35	22.38	22.27	23.40
HSUPA	Subtest 1	20.80	20.82	20.74	22.40
	Subtest 2	20.80	20.84	20.73	21.80
	Subtest 3	21.82	21.85	21.75	22.80
	Subtest 4	20.33	20.34	20.24	21.30
	Subtest 5	21.80	21.81	21.73	22.80
DC-HSDPA	Subtest 1	22.76	22.78	22.68	23.80
	Subtest 2	22.79	22.76	22.69	23.80
	Subtest 3	22.40	22.41	22.26	23.40
	Subtest 4	22.26	22.36	22.21	23.40
HSPA+	16QAM	20.51	20.55	20.45	21.50

1.3 Conducted Power of LTE

LTE Band 2 DSI 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	13.61	13.88	13.89	15.30
		1	2	13.73	13.93	13.86	15.30
		1	5	13.93	13.98	13.68	15.30
		3	0	13.57	13.78	13.90	15.30
		3	2	13.70	14.01	13.85	15.30
		3	3	13.90	14.07	13.83	15.30
		6	0	13.73	13.76	13.73	15.30
	16QAM	1	0	13.99	14.13	14.10	15.30
		1	2	13.80	14.28	14.05	15.30
		1	5	13.98	13.98	13.96	15.30
		3	0	13.49	13.76	14.04	15.30
		3	2	13.61	14.10	13.78	15.30
		3	3	13.82	14.12	13.71	15.30
		6	0	13.73	13.98	13.80	15.30
	64QAM	1	0	13.86	13.82	14.03	15.30
		1	2	13.96	14.24	14.01	15.30
		1	5	13.86	14.02	14.06	15.30
		3	0	13.54	13.67	13.93	15.30
		3	2	13.84	13.90	13.74	15.30
		3	3	13.88	13.87	13.63	15.30
		6	0	13.49	14.05	13.69	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	13.62	13.84	14.02	15.30
		1	7	13.65	14.11	13.75	15.30
		1	14	13.69	13.98	13.64	15.30
		8	0	13.68	13.82	14.00	15.30
		8	4	13.64	14.03	13.80	15.30
		8	7	13.70	13.84	13.75	15.30
		15	0	13.67	14.05	13.82	15.30
	16QAM	1	0	13.96	14.09	14.05	15.30
		1	7	13.89	14.21	14.22	15.30
		1	14	14.16	13.91	13.82	15.30
		8	0	13.52	13.92	13.95	15.30
		8	4	13.49	13.89	13.76	15.30
		8	7	13.86	14.07	13.82	15.30
		15	0	13.78	13.96	13.87	15.30
	64QAM	1	0	13.70	13.93	14.05	15.30
		1	7	13.74	14.04	13.99	15.30
		1	14	14.14	14.17	14.04	15.30
		8	0	13.64	13.88	13.85	15.30

		8	4	13.64	13.83	13.78	15.30
		8	7	13.85	14.02	13.66	15.30
		15	0	13.50	13.81	13.82	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	13.56	13.64	13.95	15.30
		1	13	13.86	13.92	13.75	15.30
		1	24	13.81	13.95	13.80	15.30
		12	0	13.52	13.76	13.74	15.30
		12	6	13.81	13.94	14.04	15.30
		12	13	13.61	13.91	13.74	15.30
		25	0	13.84	13.82	13.96	15.30
	16QAM	1	0	13.95	14.25	13.99	15.30
		1	13	13.96	14.40	14.10	15.30
		1	24	14.07	14.05	13.97	15.30
		12	0	13.48	13.97	13.93	15.30
		12	6	13.61	13.96	13.72	15.30
		12	13	13.84	14.01	13.68	15.30
		25	0	13.84	14.02	13.63	15.30
	64QAM	1	0	13.87	13.87	14.06	15.30
		1	13	13.86	14.29	14.08	15.30
		1	24	13.91	14.12	14.00	15.30
		12	0	13.55	13.81	13.95	15.30
		12	6	13.75	13.86	13.89	15.30
		12	13	13.67	13.80	13.62	15.30
		25	0	13.47	13.97	13.67	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	13.78	13.70	13.81	15.30
		1	25	13.83	14.08	13.82	15.30
		1	49	13.73	13.96	13.64	15.30
		25	0	13.48	13.83	13.85	15.30
		25	13	13.65	13.95	13.96	15.30
		25	25	13.62	14.07	13.74	15.30
		50	0	13.55	13.93	13.71	15.30
	16QAM	1	0	13.97	14.13	14.08	15.30
		1	25	14.02	14.37	14.08	15.30
		1	49	14.04	13.95	13.74	15.30
		25	0	13.50	13.83	14.02	15.30
		25	13	13.77	14.11	13.76	15.30
		25	25	13.60	13.98	13.89	15.30
		50	0	13.82	13.98	13.73	15.30
	64QAM	1	0	13.83	13.86	14.11	15.30
		1	25	13.95	14.18	14.02	15.30
		1	49	14.04	14.01	13.88	15.30
		25	0	13.56	13.95	13.88	15.30
		25	13	13.82	13.81	13.77	15.30

		25	25	13.75	14.03	13.80	15.30
		50	0	13.47	13.92	13.73	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	13.74	13.87	14.02	15.30
		1	38	13.81	14.13	13.83	15.30
		1	74	13.86	13.80	13.75	15.30
		36	0	13.56	13.96	14.02	15.30
		36	18	13.58	14.10	13.77	15.30
		36	39	13.62	14.08	13.87	15.30
		75	0	13.56	13.80	13.89	15.30
	16QAM	1	0	13.79	14.11	14.12	15.30
		1	38	13.89	14.34	14.28	15.30
		1	74	14.13	13.99	13.68	15.30
		36	0	13.49	14.00	13.80	15.30
		36	18	13.49	14.11	13.87	15.30
		36	39	13.90	14.00	13.71	15.30
		75	0	13.64	13.72	13.75	15.30
	64QAM	1	0	13.71	13.83	13.86	15.30
		1	38	13.74	14.28	13.95	15.30
		1	74	14.09	14.02	13.98	15.30
		36	0	13.58	13.77	13.75	15.30
		36	18	13.56	13.93	13.76	15.30
		36	39	13.88	14.07	13.71	15.30
		75	0	13.64	13.76	13.68	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	13.82	14.01	13.88	15.30
		1	50	13.74	13.99	13.85	15.30
		1	99	13.71	13.92	13.70	15.30
		50	0	13.63	13.85	13.88	15.30
		50	25	13.77	13.99	13.89	15.30
		50	50	13.75	13.97	13.79	15.30
		100	0	13.70	13.91	13.83	15.30
	16QAM	1	0	13.87	14.12	14.03	15.30
		1	50	13.90	14.27	14.13	15.30
		1	99	14.09	14.00	13.83	15.30
		50	0	13.58	13.86	13.91	15.30
		50	25	13.62	13.96	13.85	15.30
		50	50	13.75	13.97	13.74	15.30
		100	0	13.69	13.87	13.78	15.30
	64QAM	1	0	13.72	13.90	13.98	15.30
		1	50	13.84	14.16	14.08	15.30
		1	99	14.00	14.05	13.91	15.30
		50	0	13.58	13.81	13.88	15.30
		50	25	13.70	13.91	13.83	15.30
		50	50	13.74	13.94	13.73	15.30



		100	0	13.59	13.90	13.78	15.30
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LTE Band 2 DSI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	11.25	11.21	11.20	12.80
		1	2	11.25	11.30	11.17	12.80
		1	5	11.13	11.23	11.37	12.80
		3	0	11.23	11.18	11.22	12.80
		3	2	11.22	11.27	11.20	12.80
		3	3	11.13	11.27	11.07	12.80
		6	0	10.99	11.29	11.13	12.80
	16QAM	1	0	11.18	11.35	11.46	12.80
		1	2	11.17	11.50	11.40	12.80
		1	5	11.45	11.51	11.04	12.80
		3	0	11.09	11.16	11.19	12.80
		3	2	11.17	11.26	11.19	12.80
		3	3	11.07	11.30	11.05	12.80
		6	0	10.96	11.22	11.12	12.80
	64QAM	1	0	11.35	11.31	11.29	12.80
		1	2	11.13	11.52	11.36	12.80
		1	5	11.22	11.36	11.13	12.80
		3	0	11.13	11.19	11.20	12.80
		3	2	11.08	11.29	11.18	12.80
		3	3	11.25	11.29	11.07	12.80
		6	0	10.97	11.22	11.11	12.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	11.31	11.23	11.22	12.80
		1	7	11.24	11.25	11.28	12.80
		1	14	11.07	11.35	11.37	12.80
		8	0	11.18	11.10	11.10	12.80
		8	4	11.35	11.26	11.19	12.80
		8	7	10.99	11.15	11.09	12.80
		15	0	11.09	11.37	11.11	12.80
	16QAM	1	0	11.19	11.24	11.53	12.80
		1	7	11.18	11.47	11.27	12.80
		1	14	11.48	11.49	11.04	12.80
		8	0	11.03	11.19	11.25	12.80
		8	4	11.04	11.11	11.09	12.80
		8	7	11.19	11.39	11.07	12.80
		15	0	10.88	11.10	11.00	12.80
	64QAM	1	0	11.37	11.43	11.21	12.80
		1	7	11.06	11.53	11.49	12.80
		1	14	11.34	11.38	11.02	12.80
		8	0	11.15	11.28	11.05	12.80
		8	4	11.13	11.27	11.19	12.80
		8	7	11.22	11.31	11.11	12.80

Bandwidth	Modulation	15	0	11.02	11.33	11.04	12.80
		RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	11.25	11.34	11.21	12.80
		1	13	11.31	11.23	11.09	12.80
		1	24	11.04	11.34	11.36	12.80
		12	0	11.24	11.32	11.12	12.80
		12	6	11.22	11.26	11.19	12.80
		12	13	11.19	11.18	11.07	12.80
		25	0	11.01	11.28	11.28	12.80
	16QAM	1	0	11.09	11.20	11.54	12.80
		1	13	11.20	11.48	11.45	12.80
		1	24	11.32	11.37	11.03	12.80
		12	0	11.17	11.11	11.32	12.80
		12	6	11.16	11.11	11.15	12.80
		12	13	10.97	11.31	11.03	12.80
		25	0	10.87	11.36	11.18	12.80
	64QAM	1	0	11.26	11.22	11.20	12.80
		1	13	11.27	11.57	11.36	12.80
		1	24	11.21	11.26	11.16	12.80
		12	0	11.27	11.28	11.06	12.80
		12	6	11.16	11.33	11.13	12.80
		12	13	11.32	11.35	11.05	12.80
		25	0	10.94	11.30	11.19	12.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	11.31	11.23	11.12	12.80
		1	25	11.40	11.32	11.10	12.80
		1	49	11.28	11.18	11.36	12.80
		25	0	11.35	11.25	11.27	12.80
		25	13	11.26	11.21	11.22	12.80
		25	25	11.10	11.13	11.16	12.80
		50	0	11.07	11.40	11.05	12.80
	16QAM	1	0	11.20	11.25	11.46	12.80
		1	25	11.31	11.54	11.34	12.80
		1	49	11.32	11.60	11.00	12.80
		25	0	11.06	11.08	11.29	12.80
		25	13	11.13	11.34	11.27	12.80
		25	25	11.17	11.37	11.03	12.80
		50	0	11.03	11.25	11.18	12.80
	64QAM	1	0	11.23	11.31	11.44	12.80
		1	25	11.27	11.54	11.26	12.80
		1	49	11.33	11.42	11.00	12.80
		25	0	11.23	11.32	11.05	12.80
		25	13	11.17	11.28	11.20	12.80
		25	25	11.22	11.15	11.21	12.80
		50	0	11.12	11.32	11.07	12.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	11.15	11.16	11.35	12.80
		1	38	11.30	11.19	11.28	12.80
		1	74	11.11	11.14	11.44	12.80
		36	0	11.34	11.18	11.37	12.80
		36	18	11.36	11.38	11.20	12.80
		36	39	11.17	11.17	10.96	12.80
		75	0	10.86	11.15	11.08	12.80
	16QAM	1	0	11.18	11.24	11.38	12.80
		1	38	11.14	11.47	11.52	12.80
		1	74	11.53	11.45	10.92	12.80
		36	0	11.18	11.03	11.06	12.80
		36	18	11.10	11.21	11.12	12.80
		36	39	10.98	11.38	11.07	12.80
		75	0	11.11	11.13	11.23	12.80
	64QAM	1	0	11.28	11.18	11.23	12.80
		1	38	11.18	11.45	11.45	12.80
		1	74	11.36	11.47	11.27	12.80
		36	0	11.08	11.07	11.31	12.80
		36	18	11.05	11.17	11.20	12.80
		36	39	11.24	11.32	11.09	12.80
		75	0	10.90	11.29	11.25	12.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	11.11	11.26	11.25	12.80
		1	50	11.39	11.17	11.22	12.80
		1	99	11.03	11.22	11.49	12.80
		50	0	11.12	11.17	11.07	12.80
		50	25	11.25	11.30	11.15	12.80
		50	50	11.26	11.12	10.99	12.80
		100	0	11.10	11.23	11.13	12.80
	16QAM	1	0	11.19	11.46	11.60	12.80
		1	50	11.02	11.51	11.36	12.80
		1	99	11.51	11.46	11.01	12.80
		50	0	10.99	11.23	11.29	12.80
		50	25	11.08	11.30	11.30	12.80
		50	50	11.09	11.39	10.95	12.80
		100	0	11.01	11.19	11.20	12.80
	64QAM	1	0	11.33	11.32	11.19	12.80
		1	50	11.01	11.53	11.31	12.80
		1	99	11.31	11.31	11.13	12.80
		50	0	11.13	11.22	11.12	12.80
		50	25	11.17	11.41	11.28	12.80
		50	50	11.28	11.24	11.04	12.80
		100	0	11.03	11.28	11.24	12.80

LTE Band 2 DSI 6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	18.51	18.70	18.79	20.30
		1	2	18.67	18.89	18.72	20.30
		1	5	18.73	18.82	18.61	20.30
		3	0	18.70	18.81	18.74	20.30
		3	2	18.72	18.87	18.79	20.30
		3	3	18.76	18.86	18.63	20.30
		6	0	18.65	18.88	18.63	20.30
	16QAM	1	0	18.45	18.97	19.15	20.30
		1	2	19.12	19.24	18.92	20.30
		1	5	19.18	19.16	18.80	20.30
		3	0	18.57	18.76	18.82	20.30
		3	2	18.68	18.79	18.77	20.30
		3	3	18.71	18.75	18.44	20.30
		6	0	18.67	18.73	18.43	20.30
	64QAM	1	0	18.58	18.89	18.69	20.30
		1	2	18.76	19.03	18.81	20.30
		1	5	18.84	19.06	18.58	20.30
		3	0	18.55	18.73	18.72	20.30
		3	2	18.64	18.83	18.75	20.30
		3	3	18.66	18.82	18.53	20.30
		6	0	18.64	18.85	18.54	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	18.50	18.71	18.77	20.30
		1	7	18.71	18.87	18.75	20.30
		1	14	18.76	18.85	18.53	20.30
		8	0	18.67	18.82	18.74	20.30
		8	4	18.72	18.85	18.75	20.30
		8	7	18.70	18.87	18.65	20.30
		15	0	18.62	18.89	18.69	20.30
	16QAM	1	0	18.45	18.99	19.13	20.30
		1	7	19.09	19.22	18.88	20.30
		1	14	19.15	19.20	18.76	20.30
		8	0	18.62	18.78	18.81	20.30
		8	4	18.68	18.82	18.73	20.30
		8	7	18.70	18.75	18.43	20.30
		15	0	18.65	18.76	18.39	20.30
	64QAM	1	0	18.58	18.93	18.72	20.30
		1	7	18.70	19.01	18.76	20.30
		1	14	18.86	19.00	18.52	20.30
		8	0	18.55	18.78	18.76	20.30
		8	4	18.63	18.82	18.73	20.30
		8	7	18.68	18.82	18.58	20.30

		15	0	18.64	18.82	18.57	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.49	18.73	18.78	20.30
		1	13	18.74	18.90	18.70	20.30
		1	24	18.75	18.85	18.59	20.30
		12	0	18.72	18.78	18.74	20.30
		12	6	18.72	18.88	18.79	20.30
		12	13	18.72	18.87	18.63	20.30
		25	0	18.61	18.85	18.61	20.30
	16QAM	1	0	18.47	18.94	19.14	20.30
		1	13	19.13	19.23	18.90	20.30
		1	24	19.16	19.21	18.79	20.30
		12	0	18.60	18.75	18.82	20.30
		12	6	18.62	18.86	18.78	20.30
		12	13	18.73	18.77	18.44	20.30
		25	0	18.65	18.78	18.40	20.30
	64QAM	1	0	18.62	18.86	18.68	20.30
		1	13	18.74	18.99	18.76	20.30
		1	24	18.82	19.01	18.55	20.30
		12	0	18.53	18.74	18.75	20.30
		12	6	18.68	18.80	18.80	20.30
		12	13	18.71	18.85	18.54	20.30
		25	0	18.57	18.83	18.61	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.50	18.75	18.76	20.30
		1	25	18.68	18.94	18.73	20.30
		1	49	18.75	18.80	18.57	20.30
		25	0	18.72	18.82	18.81	20.30
		25	13	18.77	18.90	18.77	20.30
		25	25	18.75	18.89	18.62	20.30
		50	0	18.63	18.83	18.66	20.30
	16QAM	1	0	18.49	18.92	19.18	20.30
		1	25	19.12	19.23	18.86	20.30
		1	49	19.15	19.23	18.78	20.30
		25	0	18.65	18.76	18.80	20.30
		25	13	18.63	18.82	18.74	20.30
		25	25	18.70	18.76	18.39	20.30
		50	0	18.64	18.71	18.44	20.30
	64QAM	1	0	18.55	18.91	18.70	20.30
		1	25	18.74	19.00	18.78	20.30
		1	49	18.86	19.02	18.55	20.30
		25	0	18.57	18.76	18.71	20.30
		25	13	18.64	18.86	18.80	20.30
		25	25	18.71	18.82	18.52	20.30
		50	0	18.61	18.85	18.55	20.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	18.49	18.72	18.79	20.30
		1	38	18.70	18.90	18.75	20.30
		1	74	18.75	18.82	18.53	20.30
		36	0	18.70	18.78	18.74	20.30
		36	18	18.75	18.84	18.78	20.30
		36	39	18.73	18.84	18.60	20.30
		75	0	18.69	18.84	18.66	20.30
	16QAM	1	0	18.46	18.91	19.12	20.30
		1	38	19.15	19.23	18.90	20.30
		1	74	19.17	19.20	18.79	20.30
		36	0	18.62	18.76	18.77	20.30
		36	18	18.63	18.83	18.75	20.30
		36	39	18.71	18.77	18.41	20.30
		75	0	18.67	18.73	18.36	20.30
	64QAM	1	0	18.59	18.92	18.71	20.30
		1	38	18.70	19.00	18.79	20.30
		1	74	18.86	19.02	18.52	20.30
		36	0	18.51	18.75	18.74	20.30
		36	18	18.65	18.80	18.80	20.30
		36	39	18.68	18.87	18.51	20.30
		75	0	18.56	18.81	18.61	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	18.50	18.75	18.79	20.30
		1	50	18.69	18.91	18.74	20.30
		1	99	18.76	18.78	18.60	20.30
		50	0	18.71	18.77	18.79	20.30
		50	25	18.76	18.86	18.75	20.30
		50	50	18.71	18.83	18.58	20.30
		100	0	18.65	18.86	18.62	20.30
	16QAM	1	0	18.46	18.97	19.12	20.30
		1	50	19.14	19.23	18.94	20.30
		1	99	19.18	19.22	18.79	20.30
		50	0	18.58	18.76	18.82	20.30
		50	25	18.62	18.86	18.80	20.30
		50	50	18.70	18.76	18.42	20.30
		100	0	18.63	18.71	18.42	20.30
	64QAM	1	0	18.61	18.91	18.70	20.30
		1	50	18.70	19.00	18.82	20.30
		1	99	18.88	19.05	18.51	20.30
		50	0	18.51	18.79	18.76	20.30
		50	25	18.65	18.84	18.80	20.30
		50	50	18.67	18.82	18.56	20.30
		100	0	18.58	18.85	18.59	20.30

LTE Band 2 DSI 8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	16.89	16.90	17.09	18.30
		1	2	16.90	17.12	17.18	18.30
		1	5	17.03	17.06	16.85	18.30
		3	0	17.05	17.06	17.11	18.30
		3	2	16.91	17.13	17.07	18.30
		3	3	16.99	17.13	16.93	18.30
		6	0	16.80	17.08	17.03	18.30
	16QAM	1	0	16.91	17.24	17.23	18.30
		1	2	17.04	17.28	17.23	18.30
		1	5	17.09	17.40	17.18	18.30
		3	0	16.70	17.03	17.08	18.30
		3	2	16.83	17.08	17.04	18.30
		3	3	16.90	17.13	16.94	18.30
		6	0	16.82	17.06	16.96	18.30
	64QAM	1	0	16.43	16.99	17.07	18.30
		1	2	16.85	17.26	17.12	18.30
		1	5	17.18	17.22	16.66	18.30
		3	0	16.59	17.04	17.04	18.30
		3	2	16.82	17.10	17.02	18.30
		3	3	16.87	17.12	16.93	18.30
		6	0	16.81	17.06	17.02	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	16.87	17.02	16.98	18.30
		1	7	16.75	17.02	17.09	18.30
		1	14	16.90	17.12	16.95	18.30
		8	0	16.95	17.17	17.04	18.30
		8	4	16.78	17.27	16.93	18.30
		8	7	17.01	17.01	17.02	18.30
		15	0	16.93	16.96	16.91	18.30
	16QAM	1	0	16.98	17.33	17.29	18.30
		1	7	16.90	17.14	17.29	18.30
		1	14	17.00	17.47	17.32	18.30
		8	0	16.76	17.18	17.18	18.30
		8	4	16.91	17.17	17.15	18.30
		8	7	16.83	17.02	16.91	18.30
		15	0	16.86	17.16	16.81	18.30
	64QAM	1	0	16.36	17.14	17.05	18.30
		1	7	16.96	17.22	17.17	18.30
		1	14	17.15	17.24	16.79	18.30
		8	0	16.57	16.99	17.17	18.30
		8	4	16.81	17.24	16.93	18.30
		8	7	16.97	17.27	16.86	18.30

		15	0	16.71	16.95	17.03	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	16.84	16.94	17.16	18.30
		1	13	17.00	16.99	17.33	18.30
		1	24	16.92	17.16	16.84	18.30
		12	0	16.92	16.94	17.03	18.30
		12	6	17.03	17.08	17.05	18.30
		12	13	17.14	17.03	16.90	18.30
		25	0	16.68	17.11	17.07	18.30
	16QAM	1	0	16.79	17.33	17.33	18.30
		1	13	16.99	17.18	17.09	18.30
		1	24	17.24	17.33	17.10	18.30
		12	0	16.70	16.89	17.06	18.30
		12	6	16.84	16.99	17.06	18.30
		12	13	16.96	17.00	16.88	18.30
		25	0	16.94	16.91	17.03	18.30
	64QAM	1	0	16.33	16.88	17.08	18.30
		1	13	16.95	17.39	17.13	18.30
		1	24	17.05	17.14	16.75	18.30
		12	0	16.55	17.02	16.97	18.30
		12	6	16.86	17.08	17.00	18.30
		12	13	16.77	17.20	17.05	18.30
		25	0	16.88	17.12	16.96	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	16.98	16.80	17.06	18.30
		1	25	16.80	17.10	17.33	18.30
		1	49	17.13	17.18	16.77	18.30
		25	0	17.08	16.98	17.01	18.30
		25	13	16.97	16.98	16.96	18.30
		25	25	17.05	17.12	16.97	18.30
		50	0	16.88	17.08	16.88	18.30
	16QAM	1	0	16.83	17.11	17.27	18.30
		1	25	16.95	17.18	17.22	18.30
		1	49	16.95	17.47	17.16	18.30
		25	0	16.85	17.18	17.06	18.30
		25	13	16.86	17.12	17.14	18.30
		25	25	16.84	17.18	16.79	18.30
		50	0	16.95	17.05	16.91	18.30
	64QAM	1	0	16.39	17.03	17.20	18.30
		1	25	16.86	17.28	17.19	18.30
		1	49	17.33	17.07	16.52	18.30
		25	0	16.63	17.18	17.17	18.30
		25	13	16.77	17.18	17.04	18.30
		25	25	16.80	16.98	16.81	18.30
		50	0	16.67	17.17	16.97	18.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	16.99	16.79	17.23	18.30
		1	38	17.03	16.99	17.12	18.30
		1	74	17.02	17.19	16.79	18.30
		36	0	16.91	17.10	17.03	18.30
		36	18	16.98	17.24	17.22	18.30
		36	39	17.10	16.98	16.97	18.30
		75	0	16.95	17.16	17.14	18.30
	16QAM	1	0	17.02	17.29	17.38	18.30
		1	38	16.92	17.22	17.34	18.30
		1	74	17.12	17.35	17.09	18.30
		36	0	16.59	17.00	16.99	18.30
		36	18	16.81	17.18	17.07	18.30
		36	39	16.82	17.22	16.87	18.30
		75	0	16.89	17.11	16.92	18.30
	64QAM	1	0	16.53	16.95	17.09	18.30
		1	38	16.84	17.41	17.20	18.30
		1	74	17.16	17.07	16.79	18.30
		36	0	16.67	16.91	17.15	18.30
		36	18	16.69	17.23	17.13	18.30
		36	39	16.78	17.13	16.81	18.30
		75	0	16.91	16.97	16.95	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	16.78	17.30	17.15	18.30
		1	50	16.79	16.97	16.86	18.30
		1	99	17.13	16.92	16.80	18.30
		50	0	16.94	17.02	17.23	18.30
		50	25	16.85	17.25	16.97	18.30
		50	50	17.06	17.09	17.01	18.30
		100	0	16.78	17.16	16.96	18.30
	16QAM	1	0	16.98	17.36	17.20	18.30
		1	50	16.91	17.16	17.24	18.30
		1	99	16.94	17.35	17.29	18.30
		50	0	16.60	17.18	17.01	18.30
		50	25	16.75	17.02	17.12	18.30
		50	50	17.05	17.14	16.96	18.30
		100	0	16.92	17.19	17.10	18.30
	64QAM	1	0	16.53	16.99	17.06	18.30
		1	50	16.75	17.17	17.25	18.30
		1	99	17.16	17.07	16.79	18.30
		50	0	16.55	17.01	17.00	18.30
		50	25	16.87	17.18	17.14	18.30
		50	50	16.72	17.13	16.86	18.30
		100	0	16.78	17.05	17.15	18.30

LTE Band 4 DSI 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	14.76	14.72	14.75	16.30
		1	2	14.75	14.80	14.83	16.30
		1	5	14.83	14.87	14.93	16.30
		3	0	14.66	14.76	14.83	16.30
		3	2	14.86	14.87	14.91	16.30
		3	3	14.91	14.87	14.93	16.30
		6	0	14.68	14.85	14.88	16.30
	16QAM	1	0	15.17	15.08	14.97	16.30
		1	2	15.22	15.14	15.18	16.30
		1	5	15.23	15.17	14.88	16.30
		3	0	14.82	14.75	14.74	16.30
		3	2	14.83	14.78	14.83	16.30
		3	3	14.84	14.83	14.88	16.30
		6	0	14.83	14.80	14.84	16.30
	64QAM	1	0	14.87	14.90	14.76	16.30
		1	2	15.03	14.98	14.92	16.30
		1	5	14.98	14.92	14.88	16.30
		3	0	14.81	14.77	14.78	16.30
		3	2	14.80	14.82	14.84	16.30
		3	3	14.82	14.87	14.86	16.30
		6	0	14.82	14.80	14.78	16.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	14.64	14.69	14.67	16.30
		1	7	14.86	14.91	14.70	16.30
		1	14	14.87	14.89	15.02	16.30
		8	0	14.65	14.67	14.79	16.30
		8	4	14.90	14.82	14.82	16.30
		8	7	15.02	14.93	14.86	16.30
		15	0	14.61	14.70	14.93	16.30
	16QAM	1	0	15.09	15.14	14.95	16.30
		1	7	15.07	15.22	15.20	16.30
		1	14	15.35	15.11	14.93	16.30
		8	0	14.80	14.69	14.89	16.30
		8	4	14.71	14.63	14.94	16.30
		8	7	14.92	14.88	14.75	16.30
		15	0	14.82	14.69	14.70	16.30
	64QAM	1	0	14.97	14.84	14.80	16.30
		1	7	15.18	14.97	14.96	16.30
		1	14	15.04	15.06	14.99	16.30
		8	0	14.89	14.69	14.78	16.30
		8	4	14.68	14.72	14.98	16.30
		8	7	14.77	14.72	14.96	16.30

Bandwidth	Modulation	15	0	14.73	14.92	14.83	16.30
		RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	14.73	14.69	14.72	16.30
		1	13	14.60	14.82	14.91	16.30
		1	24	14.90	15.02	15.00	16.30
		12	0	14.56	14.84	14.75	16.30
		12	6	14.79	14.77	14.99	16.30
		12	13	15.05	15.01	14.98	16.30
		25	0	14.61	14.99	14.77	16.30
	16QAM	1	0	15.28	14.94	14.86	16.30
		1	13	15.23	15.10	15.26	16.30
		1	24	15.24	15.05	14.73	16.30
		12	0	14.90	14.90	14.75	16.30
		12	6	14.97	14.87	14.93	16.30
		12	13	14.90	14.69	14.90	16.30
		25	0	14.70	14.82	14.71	16.30
	64QAM	1	0	14.95	14.77	14.61	16.30
		1	13	15.08	15.03	14.89	16.30
		1	24	14.88	15.03	14.81	16.30
		12	0	14.74	14.90	14.93	16.30
		12	6	14.83	14.74	14.71	16.30
		12	13	14.87	14.76	14.92	16.30
		25	0	14.77	14.71	14.87	16.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	14.85	14.61	14.85	16.30
		1	25	14.81	14.80	14.92	16.30
		1	49	14.79	14.83	15.05	16.30
		25	0	14.79	14.79	14.72	16.30
		25	13	14.82	14.99	14.76	16.30
		25	25	14.77	14.93	15.02	16.30
		50	0	14.53	14.97	14.99	16.30
	16QAM	1	0	15.14	15.22	15.02	16.30
		1	25	15.31	15.27	15.11	16.30
		1	49	15.15	15.26	15.01	16.30
		25	0	14.88	14.85	14.72	16.30
		25	13	14.97	14.75	14.70	16.30
		25	25	14.95	14.90	14.99	16.30
		50	0	14.95	14.80	14.97	16.30
	64QAM	1	0	14.88	14.92	14.76	16.30
		1	25	15.12	14.86	14.84	16.30
		1	49	14.85	14.87	14.99	16.30
		25	0	14.91	14.78	14.86	16.30
		25	13	14.72	14.92	14.73	16.30
		25	25	14.72	14.78	14.89	16.30
		50	0	14.82	14.78	14.87	16.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	14.72	14.75	14.88	16.30
		1	38	14.72	14.87	14.90	16.30
		1	74	14.86	14.78	14.93	16.30
		36	0	14.78	14.83	14.75	16.30
		36	18	14.87	14.92	14.91	16.30
		36	39	14.90	14.83	14.95	16.30
		75	0	14.66	14.71	14.83	16.30
	16QAM	1	0	15.20	15.04	14.87	16.30
		1	38	15.31	15.28	15.09	16.30
		1	74	15.09	15.15	15.01	16.30
		36	0	14.97	14.86	14.85	16.30
		36	18	14.95	14.83	14.77	16.30
		36	39	14.97	14.81	15.00	16.30
		75	0	14.94	14.82	14.93	16.30
	64QAM	1	0	14.77	14.98	14.75	16.30
		1	38	15.06	14.96	14.81	16.30
		1	74	14.97	14.97	15.00	16.30
		36	0	14.91	14.72	14.71	16.30
		36	18	14.72	14.77	14.70	16.30
		36	39	14.94	14.78	14.84	16.30
		75	0	14.94	14.81	14.81	16.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	14.79	14.62	14.73	16.30
		1	50	14.80	14.90	14.76	16.30
		1	99	14.87	14.96	15.04	16.30
		50	0	14.56	14.79	14.88	16.30
		50	25	14.77	14.81	14.87	16.30
		50	50	14.94	14.93	14.81	16.30
		100	0	14.67	14.80	14.82	16.30
	16QAM	1	0	15.25	15.12	14.95	16.30
		1	50	15.27	15.13	15.10	16.30
		1	99	15.24	15.06	15.00	16.30
		50	0	14.76	14.78	14.88	16.30
		50	25	14.81	14.88	14.85	16.30
		50	50	14.72	14.95	14.89	16.30
		100	0	14.69	14.90	14.88	16.30
	64QAM	1	0	14.77	14.83	14.83	16.30
		1	50	15.18	14.86	14.92	16.30
		1	99	14.91	14.94	14.84	16.30
		50	0	14.81	14.83	14.73	16.30
		50	25	14.91	14.79	14.69	16.30
		50	50	14.87	14.78	14.78	16.30
		100	0	14.84	14.75	14.83	16.30

LTE Band 4 DSI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	13.71	13.60	13.65	15.30
		1	2	13.71	13.70	13.66	15.30
		1	5	13.74	13.79	13.73	15.30
		3	0	13.72	13.71	13.74	15.30
		3	2	13.76	13.70	13.76	15.30
		3	3	13.80	13.79	13.80	15.30
		6	0	13.77	13.71	13.80	15.30
	16QAM	1	0	14.01	14.01	13.65	15.30
		1	2	14.05	14.07	14.00	15.30
		1	5	13.94	13.95	14.06	15.30
		3	0	13.71	13.67	13.72	15.30
		3	2	13.74	13.73	13.80	15.30
		3	3	13.80	13.76	13.85	15.30
		6	0	13.75	13.70	13.76	15.30
	64QAM	1	0	13.97	13.74	13.80	15.30
		1	2	13.95	13.92	13.93	15.30
		1	5	13.92	13.87	13.96	15.30
		3	0	13.73	13.70	13.63	15.30
		3	2	13.72	13.69	13.77	15.30
		3	3	13.75	13.74	13.82	15.30
		6	0	13.70	13.69	13.72	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	13.83	13.71	13.60	15.30
		1	7	13.58	13.77	13.61	15.30
		1	14	13.72	13.91	13.88	15.30
		8	0	13.77	13.65	13.72	15.30
		8	4	13.73	13.83	13.77	15.30
		8	7	13.87	13.75	13.76	15.30
		15	0	13.73	13.78	13.77	15.30
	16QAM	1	0	14.13	14.05	13.63	15.30
		1	7	14.07	13.95	13.96	15.30
		1	14	13.99	13.82	14.14	15.30
		8	0	13.59	13.76	13.71	15.30
		8	4	13.89	13.78	13.90	15.30
		8	7	13.85	13.61	13.97	15.30
		15	0	13.75	13.81	13.61	15.30
	64QAM	1	0	14.08	13.64	13.65	15.30
		1	7	13.93	13.95	14.06	15.30
		1	14	13.83	13.80	14.02	15.30
		8	0	13.70	13.58	13.51	15.30
		8	4	13.84	13.70	13.68	15.30
		8	7	13.68	13.63	13.84	15.30

Bandwidth	Modulation	15	0	13.68	13.55	13.77	15.30
		RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	13.57	13.67	13.55	15.30
		1	13	13.71	13.82	13.75	15.30
		1	24	13.82	13.86	13.84	15.30
		12	0	13.57	13.56	13.60	15.30
		12	6	13.72	13.61	13.67	15.30
		12	13	13.91	13.67	13.76	15.30
		25	0	13.85	13.79	13.87	15.30
	16QAM	1	0	14.15	14.05	13.53	15.30
		1	13	13.93	13.93	14.07	15.30
		1	24	13.98	13.92	14.16	15.30
		12	0	13.65	13.73	13.73	15.30
		12	6	13.72	13.76	13.95	15.30
		12	13	13.65	13.75	13.71	15.30
		25	0	13.90	13.84	13.66	15.30
	64QAM	1	0	13.85	13.65	13.77	15.30
		1	13	13.89	13.98	13.80	15.30
		1	24	13.82	13.90	14.06	15.30
		12	0	13.61	13.60	13.57	15.30
		12	6	13.70	13.74	13.63	15.30
		12	13	13.75	13.62	13.76	15.30
		25	0	13.73	13.59	13.80	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	13.77	13.60	13.73	15.30
		1	25	13.70	13.69	13.76	15.30
		1	49	13.61	13.68	13.71	15.30
		25	0	13.64	13.66	13.84	15.30
		25	13	13.75	13.70	13.72	15.30
		25	25	13.67	13.71	13.91	15.30
		50	0	13.66	13.81	13.81	15.30
	16QAM	1	0	13.97	13.97	13.51	15.30
		1	25	14.16	14.08	13.94	15.30
		1	49	13.80	14.02	14.09	15.30
		25	0	13.83	13.65	13.67	15.30
		25	13	13.63	13.79	13.73	15.30
		25	25	13.81	13.86	13.82	15.30
		50	0	13.80	13.73	13.77	15.30
	64QAM	1	0	13.85	13.88	13.80	15.30
		1	25	14.01	13.88	14.01	15.30
		1	49	13.84	13.88	14.02	15.30
		25	0	13.78	13.83	13.59	15.30
		25	13	13.69	13.63	13.90	15.30
		25	25	13.87	13.74	13.96	15.30
		50	0	13.65	13.79	13.68	15.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	13.67	13.57	13.53	15.30
		1	38	13.56	13.80	13.56	15.30
		1	74	13.88	13.86	13.61	15.30
		36	0	13.68	13.56	13.68	15.30
		36	18	13.65	13.67	13.70	15.30
		36	39	13.67	13.64	13.65	15.30
		75	0	13.64	13.66	13.75	15.30
	16QAM	1	0	14.08	13.88	13.56	15.30
		1	38	14.11	14.18	13.92	15.30
		1	74	14.05	13.87	14.21	15.30
		36	0	13.71	13.76	13.87	15.30
		36	18	13.70	13.64	13.87	15.30
		36	39	13.82	13.65	13.89	15.30
		75	0	13.74	13.76	13.91	15.30
	64QAM	1	0	14.05	13.66	13.90	15.30
		1	38	13.90	13.98	13.88	15.30
		1	74	14.02	13.74	14.01	15.30
		36	0	13.59	13.76	13.55	15.30
		36	18	13.77	13.72	13.78	15.30
		36	39	13.83	13.86	13.91	15.30
		75	0	13.78	13.62	13.60	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	13.56	13.55	13.76	15.30
		1	50	13.77	13.58	13.71	15.30
		1	99	13.84	13.68	13.83	15.30
		50	0	13.63	13.75	13.64	15.30
		50	25	13.64	13.76	13.76	15.30
		50	50	13.85	13.75	13.88	15.30
		100	0	13.92	13.75	13.70	15.30
	16QAM	1	0	14.00	14.16	13.62	15.30
		1	50	14.01	14.22	14.11	15.30
		1	99	14.07	14.05	14.19	15.30
		50	0	13.78	13.80	13.58	15.30
		50	25	13.89	13.87	13.69	15.30
		50	50	13.70	13.89	13.87	15.30
		100	0	13.90	13.84	13.86	15.30
	64QAM	1	0	13.92	13.79	13.85	15.30
		1	50	14.06	14.00	14.05	15.30
		1	99	13.90	13.95	13.84	15.30
		50	0	13.59	13.61	13.75	15.30
		50	25	13.76	13.83	13.71	15.30
		50	50	13.76	13.87	13.70	15.30
		100	0	13.78	13.69	13.67	15.30

LTE Band 4 DSI 6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.57	19.45	19.40	21.30
		1	2	19.63	19.53	19.56	21.30
		1	5	19.73	19.65	19.56	21.30
		3	0	19.49	19.73	19.68	21.30
		3	2	19.71	19.66	19.81	21.30
		3	3	19.82	19.62	19.64	21.30
		6	0	19.70	19.44	19.80	21.30
	16QAM	1	0	19.76	19.49	19.85	21.30
		1	2	19.70	19.66	19.91	21.30
		1	5	19.39	19.87	19.80	21.30
		3	0	19.64	19.42	19.65	21.30
		3	2	19.58	19.60	19.73	21.30
		3	3	19.46	19.36	19.70	21.30
		6	0	19.61	19.58	19.56	21.30
	64QAM	1	0	19.87	19.76	19.45	21.30
		1	2	19.42	19.51	19.80	21.30
		1	5	19.61	19.62	19.80	21.30
		3	0	19.64	19.43	19.62	21.30
		3	2	19.41	19.36	19.60	21.30
		3	3	19.74	19.46	19.72	21.30
		6	0	19.74	19.32	19.58	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	19.44	19.42	19.48	21.30
		1	7	19.68	19.51	19.64	21.30
		1	14	19.73	19.67	19.53	21.30
		8	0	19.74	19.72	19.54	21.30
		8	4	19.53	19.64	19.67	21.30
		8	7	19.72	19.55	19.60	21.30
		15	0	19.81	19.44	19.62	21.30
	16QAM	1	0	19.61	19.46	19.76	21.30
		1	7	19.67	19.75	19.77	21.30
		1	14	19.44	19.94	19.96	21.30
		8	0	19.57	19.49	19.52	21.30
		8	4	19.53	19.60	19.69	21.30
		8	7	19.42	19.50	19.57	21.30
		15	0	19.57	19.68	19.54	21.30
	64QAM	1	0	19.84	19.78	19.64	21.30
		1	7	19.46	19.40	19.61	21.30
		1	14	19.77	19.76	19.72	21.30
		8	0	19.57	19.58	19.59	21.30
		8	4	19.65	19.49	19.78	21.30
		8	7	19.83	19.44	19.87	21.30

Bandwidth	Modulation	15	0	19.78	19.47	19.66	21.30
		RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.56	19.40	19.52	21.30
		1	13	19.54	19.49	19.58	21.30
		1	24	19.45	19.62	19.60	21.30
		12	0	19.75	19.72	19.64	21.30
		12	6	19.67	19.63	19.65	21.30
		12	13	19.67	19.69	19.75	21.30
		25	0	19.80	19.58	19.83	21.30
	16QAM	1	0	19.84	19.41	19.68	21.30
		1	13	19.46	19.84	19.91	21.30
		1	24	19.52	19.92	19.85	21.30
		12	0	19.61	19.58	19.56	21.30
		12	6	19.53	19.38	19.60	21.30
		12	13	19.37	19.31	19.72	21.30
		25	0	19.74	19.58	19.52	21.30
	64QAM	1	0	19.74	19.68	19.63	21.30
		1	13	19.46	19.47	19.55	21.30
		1	24	19.67	19.91	19.72	21.30
		12	0	19.62	19.43	19.53	21.30
		12	6	19.64	19.49	19.56	21.30
		12	13	19.65	19.33	19.81	21.30
		25	0	19.72	19.38	19.73	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.43	19.46	19.59	21.30
		1	25	19.80	19.54	19.66	21.30
		1	49	19.69	19.67	19.66	21.30
		25	0	19.53	19.66	19.70	21.30
		25	13	19.63	19.56	19.67	21.30
		25	25	19.78	19.60	19.64	21.30
		50	0	19.70	19.63	19.82	21.30
	16QAM	1	0	19.79	19.51	19.69	21.30
		1	25	19.48	19.80	19.89	21.30
		1	49	19.35	20.06	19.80	21.30
		25	0	19.54	19.48	19.52	21.30
		25	13	19.48	19.43	19.49	21.30
		25	25	19.33	19.45	19.67	21.30
		50	0	19.72	19.53	19.51	21.30
	64QAM	1	0	19.62	19.79	19.62	21.30
		1	25	19.49	19.52	19.67	21.30
		1	49	19.61	19.66	19.89	21.30
		25	0	19.64	19.39	19.66	21.30
		25	13	19.52	19.48	19.78	21.30
		25	25	19.71	19.45	19.73	21.30
		50	0	19.70	19.49	19.66	21.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.65	19.39	19.51	21.30
		1	38	19.78	19.35	19.71	21.30
		1	74	19.68	19.58	19.59	21.30
		36	0	19.63	19.73	19.70	21.30
		36	18	19.78	19.80	19.63	21.30
		36	39	19.65	19.65	19.81	21.30
		75	0	19.72	19.70	19.56	21.30
	16QAM	1	0	19.65	19.51	19.72	21.30
		1	38	19.63	19.69	19.74	21.30
		1	74	19.35	19.92	19.99	21.30
		36	0	19.55	19.62	19.59	21.30
		36	18	19.40	19.34	19.61	21.30
		36	39	19.30	19.48	19.71	21.30
		75	0	19.50	19.47	19.61	21.30
	64QAM	1	0	19.72	19.84	19.57	21.30
		1	38	19.34	19.41	19.76	21.30
		1	74	19.55	19.71	19.77	21.30
		36	0	19.76	19.41	19.52	21.30
		36	18	19.63	19.39	19.53	21.30
		36	39	19.75	19.43	19.77	21.30
		75	0	19.60	19.45	19.49	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.51	19.52	19.45	21.30
		1	50	19.65	19.45	19.64	21.30
		1	99	19.60	19.61	19.64	21.30
		50	0	19.60	19.59	19.57	21.30
		50	25	19.66	19.65	19.67	21.30
		50	50	19.70	19.64	19.68	21.30
		100	0	19.68	19.58	19.71	21.30
	16QAM	1	0	19.76	19.37	19.78	21.30
		1	50	19.56	19.79	19.88	21.30
		1	99	19.50	19.92	19.89	21.30
		50	0	19.51	19.54	19.55	21.30
		50	25	19.45	19.45	19.63	21.30
		50	50	19.39	19.41	19.67	21.30
		100	0	19.61	19.56	19.61	21.30
	64QAM	1	0	19.73	19.75	19.49	21.30
		1	50	19.43	19.55	19.66	21.30
		1	99	19.66	19.77	19.76	21.30
		50	0	19.61	19.51	19.55	21.30
		50	25	19.52	19.37	19.66	21.30
		50	50	19.68	19.42	19.72	21.30
		100	0	19.63	19.41	19.61	21.30

LTE Band 4 DSI 8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.05	17.98	17.97	19.80
		1	2	18.10	18.09	18.08	19.80
		1	5	18.04	18.12	18.15	19.80
		3	0	18.14	18.13	18.14	19.80
		3	2	18.19	18.17	18.21	19.80
		3	3	18.19	18.19	18.21	19.80
		6	0	18.19	18.17	18.17	19.80
	16QAM	1	0	18.33	18.41	18.25	19.80
		1	2	18.41	18.49	18.40	19.80
		1	5	18.27	18.37	18.41	19.80
		3	0	18.14	18.10	18.14	19.80
		3	2	18.13	18.13	18.28	19.80
		3	3	18.14	18.16	18.22	19.80
		6	0	18.19	18.14	18.16	19.80
	64QAM	1	0	18.30	18.22	18.00	19.80
		1	2	18.16	18.23	18.27	19.80
		1	5	18.22	18.23	18.35	19.80
		3	0	18.15	18.05	18.09	19.80
		3	2	18.16	18.08	18.22	19.80
		3	3	18.21	18.14	18.24	19.80
		6	0	18.18	18.01	18.15	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	18.08	17.86	17.94	19.80
		1	7	18.00	18.07	18.10	19.80
		1	14	18.03	18.17	18.23	19.80
		8	0	18.09	18.20	18.14	19.80
		8	4	18.10	18.13	18.25	19.80
		8	7	18.17	18.15	18.27	19.80
		15	0	18.06	18.16	18.32	19.80
	16QAM	1	0	18.33	18.48	18.13	19.80
		1	7	18.43	18.51	18.42	19.80
		1	14	18.24	18.49	18.54	19.80
		8	0	18.25	18.09	18.11	19.80
		8	4	17.98	18.28	18.24	19.80
		8	7	18.16	18.20	18.32	19.80
		15	0	18.22	18.27	18.30	19.80
	64QAM	1	0	18.20	18.21	17.92	19.80
		1	7	18.16	18.19	18.27	19.80
		1	14	18.13	18.16	18.37	19.80
		8	0	18.05	18.13	18.07	19.80
		8	4	18.24	18.23	18.10	19.80
		8	7	18.31	18.23	18.36	19.80

		15	0	18.03	17.98	18.08	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	17.99	18.12	17.90	19.80
		1	13	18.11	18.13	18.03	19.80
		1	24	18.03	18.24	18.30	19.80
		12	0	18.03	18.17	18.13	19.80
		12	6	18.09	18.20	18.29	19.80
		12	13	18.29	18.14	18.35	19.80
		25	0	18.32	18.09	18.06	19.80
	16QAM	1	0	18.25	18.46	18.39	19.80
		1	13	18.36	18.44	18.29	19.80
		1	24	18.14	18.37	18.51	19.80
		12	0	18.14	18.12	18.12	19.80
		12	6	18.17	18.02	18.24	19.80
		12	13	17.99	18.08	18.09	19.80
		25	0	18.32	18.18	18.25	19.80
	64QAM	1	0	18.40	18.27	18.08	19.80
		1	13	18.25	18.33	18.25	19.80
		1	24	18.37	18.26	18.30	19.80
		12	0	18.18	18.15	17.97	19.80
		12	6	18.28	18.11	18.13	19.80
		12	13	18.26	18.16	18.15	19.80
		25	0	18.20	17.96	18.05	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.14	18.03	17.87	19.80
		1	25	17.99	17.97	18.07	19.80
		1	49	17.94	18.12	18.27	19.80
		25	0	18.14	18.16	18.24	19.80
		25	13	18.33	18.16	18.33	19.80
		25	25	18.15	18.32	18.25	19.80
		50	0	18.31	18.22	18.29	19.80
	16QAM	1	0	18.43	18.31	18.32	19.80
		1	25	18.56	18.36	18.41	19.80
		1	49	18.27	18.27	18.52	19.80
		25	0	18.13	18.20	18.02	19.80
		25	13	18.16	18.07	18.16	19.80
		25	25	18.07	18.15	18.10	19.80
		50	0	18.33	18.25	18.15	19.80
	64QAM	1	0	18.40	18.17	18.10	19.80
		1	25	18.27	18.12	18.29	19.80
		1	49	18.18	18.16	18.40	19.80
		25	0	18.04	18.19	18.06	19.80
		25	13	18.05	18.22	18.30	19.80
		25	25	18.30	18.00	18.34	19.80
		50	0	18.11	18.13	18.21	19.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.02	17.90	18.07	19.80
		1	38	18.13	18.02	18.21	19.80
		1	74	18.00	17.99	18.04	19.80
		36	0	18.04	18.11	18.07	19.80
		36	18	18.23	18.02	18.14	19.80
		36	39	18.07	18.33	18.09	19.80
		75	0	18.25	18.23	18.15	19.80
	16QAM	1	0	18.24	18.31	18.19	19.80
		1	38	18.44	18.42	18.27	19.80
		1	74	18.30	18.24	18.53	19.80
		36	0	18.15	18.19	18.12	19.80
		36	18	18.07	18.21	18.40	19.80
		36	39	18.04	18.05	18.36	19.80
		75	0	18.06	18.07	18.27	19.80
	64QAM	1	0	18.28	18.23	18.06	19.80
		1	38	18.11	18.27	18.26	19.80
		1	74	18.18	18.20	18.24	19.80
		36	0	18.29	18.09	18.12	19.80
		36	18	18.18	17.96	18.25	19.80
		36	39	18.21	18.14	18.21	19.80
		75	0	18.12	18.07	18.00	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	18.00	17.97	18.00	19.80
		1	50	18.23	18.08	17.98	19.80
		1	99	18.17	18.16	18.28	19.80
		50	0	18.07	18.25	18.16	19.80
		50	25	18.27	18.04	18.08	19.80
		50	50	18.05	18.31	18.20	19.80
		100	0	18.21	18.30	18.19	19.80
	16QAM	1	0	18.28	18.32	18.10	19.80
		1	50	18.56	18.60	18.42	19.80
		1	99	18.36	18.44	18.55	19.80
		50	0	18.23	17.96	18.09	19.80
		50	25	18.23	18.21	18.42	19.80
		50	50	18.16	18.16	18.07	19.80
		100	0	18.17	18.18	18.19	19.80
	64QAM	1	0	18.40	18.07	18.12	19.80
		1	50	18.08	18.28	18.19	19.80
		1	99	18.22	18.11	18.37	19.80
		50	0	18.28	17.90	18.20	19.80
		50	25	18.13	18.20	18.08	19.80
		50	50	18.09	18.20	18.26	19.80
		100	0	18.22	18.06	18.27	19.80

LTE Band 5 DSI 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	21.12	21.22	21.17	22.50
		1	2	21.04	20.86	21.02	22.50
		1	5	21.03	20.92	20.91	22.50
		3	0	20.95	21.10	20.95	22.50
		3	2	20.85	20.95	20.82	22.50
		3	3	20.87	21.07	20.93	22.50
		6	0	21.07	21.01	21.08	22.50
	16QAM	1	0	21.28	21.16	21.45	22.50
		1	2	21.07	21.12	21.03	22.50
		1	5	21.25	21.06	21.18	22.50
		3	0	20.86	21.11	21.06	22.50
		3	2	21.06	21.11	20.79	22.50
		3	3	20.99	20.93	21.00	22.50
		6	0	20.83	21.07	20.79	22.50
	64QAM	1	0	20.74	21.10	21.24	22.50
		1	2	20.62	21.05	20.65	22.50
		1	5	20.92	21.05	20.67	22.50
		3	0	21.24	21.09	21.10	22.50
		3	2	21.24	20.91	21.14	22.50
		3	3	21.11	21.24	21.02	22.50
		6	0	20.54	20.34	20.47	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	20.98	20.94	21.10	22.50
		1	7	20.95	21.07	20.83	22.50
		1	14	21.06	21.01	20.92	22.50
		8	0	21.17	21.16	21.04	22.50
		8	4	20.99	20.94	21.08	22.50
		8	7	20.99	20.94	20.77	22.50
		15	0	21.16	20.92	20.94	22.50
	16QAM	1	0	21.26	21.42	21.41	22.50
		1	7	21.30	21.07	21.12	22.50
		1	14	21.29	20.98	20.94	22.50
		8	0	20.91	21.03	21.08	22.50
		8	4	21.00	20.96	20.92	22.50
		8	7	21.05	21.10	20.87	22.50
		15	0	20.90	21.06	20.96	22.50
	64QAM	1	0	20.68	21.04	21.11	22.50
		1	7	20.62	21.03	20.60	22.50
		1	14	20.68	21.05	20.78	22.50
		8	0	20.29	20.26	20.45	22.00
		8	4	20.44	20.12	20.14	22.00
		8	7	20.42	20.50	20.24	22.00

Bandwidth	Modulation	15	0	20.42	20.40	20.44	22.00
		RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	20.98	21.02	21.17	22.50
		1	13	20.90	21.15	21.00	22.50
		1	24	21.08	21.03	20.96	22.50
		12	0	20.98	21.15	21.01	22.50
		12	6	20.86	20.89	20.99	22.50
		12	13	20.98	20.89	21.06	22.50
		25	0	20.99	20.99	20.86	22.50
	16QAM	1	0	21.30	21.20	21.37	22.50
		1	13	21.12	21.20	21.25	22.50
		1	24	21.20	21.15	21.05	22.50
		12	0	20.86	20.85	20.86	22.50
		12	6	20.90	20.99	21.07	22.50
		12	13	20.87	21.03	20.95	22.50
		25	0	20.90	21.12	21.04	22.50
	64QAM	1	0	20.68	21.28	21.05	22.50
		1	13	20.72	20.91	20.81	22.50
		1	24	20.74	21.09	20.82	22.50
		12	0	20.53	20.27	20.44	22.00
		12	6	20.35	20.37	20.42	22.00
		12	13	20.37	20.48	20.49	22.00
		25	0	20.55	20.25	20.41	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	21.08	21.09	21.06	22.50
		1	25	20.94	21.01	20.88	22.50
		1	49	21.11	21.06	20.97	22.50
		25	0	21.03	21.03	21.00	22.50
		25	13	20.96	20.97	20.94	22.50
		25	25	21.02	21.01	20.91	22.50
		50	0	21.02	21.01	20.93	22.50
	16QAM	1	0	21.26	21.28	21.32	22.50
		1	25	21.21	21.21	21.12	22.50
		1	49	21.33	21.02	21.03	22.50
		25	0	20.98	20.97	20.97	22.50
		25	13	20.91	21.03	20.92	22.50
		25	25	20.96	21.02	20.89	22.50
		50	0	20.91	20.98	20.93	22.50
	64QAM	1	0	20.83	21.19	21.11	22.50
		1	25	20.74	21.01	20.75	22.50
		1	49	20.81	20.98	20.82	22.50
		25	0	20.43	20.37	20.41	22.00
		25	13	20.39	20.26	20.29	22.00
		25	25	20.48	20.47	20.36	22.00
		50	0	20.47	20.28	20.37	22.00

LTE Band 5 DSI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	19.49	19.46	19.49	21.00
		1	2	19.44	19.39	19.24	21.00
		1	5	19.52	19.48	19.37	21.00
		3	0	19.32	19.40	19.41	21.00
		3	2	19.29	19.37	19.34	21.00
		3	3	19.35	19.43	19.31	21.00
		6	0	19.35	19.38	19.33	21.00
	16QAM	1	0	19.79	19.56	19.68	21.00
		1	2	19.61	19.63	19.52	21.00
		1	5	19.82	19.81	19.49	21.00
		3	0	19.41	19.26	19.26	21.00
		3	2	19.29	19.21	19.28	21.00
		3	3	19.38	19.27	19.20	21.00
		6	0	19.34	19.02	19.21	21.00
	64QAM	1	0	19.63	19.49	19.49	21.00
		1	2	19.34	19.17	19.38	21.00
		1	5	19.64	19.43	19.49	21.00
		3	0	19.37	19.35	19.34	21.00
		3	2	19.31	19.34	19.32	21.00
		3	3	19.38	19.39	19.22	21.00
		6	0	19.42	19.34	19.31	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	19.61	19.41	19.36	21.00
		1	7	19.32	19.25	19.24	21.00
		1	14	19.58	19.54	19.38	21.00
		8	0	19.25	19.26	19.30	21.00
		8	4	19.39	19.51	19.43	21.00
		8	7	19.48	19.55	19.41	21.00
		15	0	19.29	19.35	19.31	21.00
	16QAM	1	0	19.68	19.71	19.57	21.00
		1	7	19.51	19.66	19.56	21.00
		1	14	19.90	19.91	19.47	21.00
		8	0	19.34	19.36	19.26	21.00
		8	4	19.17	19.32	19.13	21.00
		8	7	19.33	19.21	19.25	21.00
		15	0	19.33	19.16	19.08	21.00
	64QAM	1	0	19.61	19.36	19.52	21.00
		1	7	19.31	19.11	19.30	21.00
		1	14	19.50	19.46	19.40	21.00
		8	0	19.36	19.50	19.23	21.00
		8	4	19.45	19.42	19.19	21.00

		8	7	19.38	19.43	19.32	21.00
		15	0	19.45	19.38	19.27	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	19.61	19.61	19.49	21.00
		1	13	19.43	19.43	19.23	21.00
		1	24	19.40	19.63	19.38	21.00
		12	0	19.37	19.47	19.44	21.00
		12	6	19.34	19.26	19.19	21.00
		12	13	19.38	19.46	19.27	21.00
		25	0	19.21	19.37	19.21	21.00
	16QAM	1	0	19.77	19.55	19.56	21.00
		1	13	19.55	19.68	19.64	21.00
		1	24	19.79	19.82	19.39	21.00
		12	0	19.33	19.28	19.32	21.00
		12	6	19.43	19.36	19.20	21.00
		12	13	19.38	19.24	19.06	21.00
		25	0	19.29	19.16	19.36	21.00
	64QAM	1	0	19.60	19.43	19.45	21.00
		1	13	19.34	19.19	19.52	21.00
		1	24	19.56	19.29	19.41	21.00
		12	0	19.47	19.45	19.21	21.00
		12	6	19.24	19.37	19.39	21.00
		12	13	19.50	19.31	19.11	21.00
		25	0	19.40	19.33	19.33	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	19.60	19.47	19.61	21.00
		1	25	19.32	19.25	19.38	21.00
		1	49	19.51	19.36	19.39	21.00
		25	0	19.34	19.33	19.50	21.00
		25	13	19.28	19.44	19.33	21.00
		25	25	19.45	19.35	19.21	21.00
		50	0	19.38	19.23	19.25	21.00
	16QAM	1	0	19.72	19.59	19.76	21.00
		1	25	19.51	19.58	19.51	21.00
		1	49	19.96	19.85	19.45	21.00
		25	0	19.38	19.36	19.31	21.00
		25	13	19.26	19.21	19.25	21.00
		25	25	19.50	19.12	19.11	21.00
		50	0	19.36	19.05	19.27	21.00
	64QAM	1	0	19.57	19.36	19.47	21.00
		1	25	19.33	19.23	19.23	21.00
		1	49	19.76	19.56	19.54	21.00
		25	0	19.29	19.50	19.30	21.00
		25	13	19.18	19.19	19.26	21.00
		25	25	19.52	19.45	19.24	21.00

		50	0	19.39	19.21	19.30	21.00
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LTE Band 5 DSI 6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.45	23.21	23.19	25.00
		1	2	23.46	23.36	23.22	25.00
		1	5	23.37	23.28	23.29	25.00
		3	0	23.06	23.46	23.19	25.00
		3	2	23.00	23.35	23.25	25.00
		3	3	23.38	23.24	23.28	25.00
		6	0	22.27	22.22	22.17	24.00
	16QAM	1	0	22.44	22.44	22.57	24.00
		1	2	22.35	22.56	22.46	24.00
		1	5	22.69	22.67	22.56	24.00
		3	0	22.11	22.16	22.36	24.00
		3	2	22.38	22.12	22.13	24.00
		3	3	22.20	22.29	22.21	24.00
		6	0	21.26	21.16	21.31	23.00
	64QAM	1	0	21.20	21.37	21.52	23.00
		1	2	21.27	21.26	21.08	23.00
		1	5	21.35	21.30	21.31	23.00
		3	0	21.18	21.14	21.11	23.00
		3	2	21.25	21.09	21.29	23.00
		3	3	21.26	21.32	21.19	23.00
		6	0	20.37	20.14	20.30	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.33	23.30	23.13	25.00
		1	7	23.36	23.10	23.18	25.00
		1	14	23.13	23.27	23.23	25.00
		8	0	22.24	22.23	22.31	24.00
		8	4	22.18	22.38	22.15	24.00
		8	7	22.42	22.23	22.09	24.00
		15	0	22.03	22.37	22.09	24.00
	16QAM	1	0	22.38	22.53	22.66	24.00
		1	7	22.12	22.41	22.47	24.00
		1	14	22.51	22.46	22.56	24.00
		8	0	21.16	21.45	21.39	23.00
		8	4	21.42	21.39	21.30	23.00
		8	7	21.14	21.40	21.31	23.00
		15	0	21.37	21.21	21.24	23.00
	64QAM	1	0	21.29	21.39	21.38	23.00
		1	7	21.33	21.12	21.16	23.00
		1	14	21.14	21.24	21.20	23.00

		8	0	20.19	20.37	20.14	22.00
		8	4	20.30	20.17	20.06	22.00
		8	7	20.37	20.16	20.15	22.00
		15	0	20.22	20.22	20.17	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.39	23.14	23.33	25.00
		1	13	23.33	23.31	23.01	25.00
		1	24	23.19	23.25	23.21	25.00
		12	0	22.14	22.25	22.12	24.00
		12	6	22.16	22.37	22.30	24.00
		12	13	22.15	22.21	22.12	24.00
		25	0	22.09	22.47	22.12	24.00
	16QAM	1	0	22.58	22.71	22.56	24.00
		1	13	22.10	22.50	22.29	24.00
		1	24	22.60	22.47	22.55	24.00
		12	0	21.15	21.21	21.36	23.00
		12	6	21.15	21.22	21.21	23.00
		12	13	21.34	21.36	21.25	23.00
		25	0	21.11	21.12	21.25	23.00
	64QAM	1	0	21.06	21.28	21.53	23.00
		1	13	21.49	21.11	21.11	23.00
		1	24	21.04	21.17	21.30	23.00
		12	0	20.18	20.34	20.12	22.00
		12	6	20.22	20.36	20.12	22.00
		12	13	20.27	20.36	20.15	22.00
		25	0	20.37	20.14	20.24	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.33	23.15	23.23	25.00
		1	25	23.36	23.21	23.08	25.00
		1	49	23.28	23.29	23.19	25.00
		25	0	22.11	22.33	22.27	24.00
		25	13	22.09	22.30	22.17	24.00
		25	25	22.27	22.34	22.21	24.00
		50	0	22.16	22.32	22.24	24.00
	16QAM	1	0	22.48	22.58	22.56	24.00
		1	25	22.25	22.42	22.44	24.00
		1	49	22.54	22.54	22.57	24.00
		25	0	21.20	21.31	21.28	23.00
		25	13	21.27	21.24	21.24	23.00
		25	25	21.27	21.28	21.25	23.00
		50	0	21.25	21.22	21.23	23.00
	64QAM	1	0	21.17	21.35	21.40	23.00
		1	25	21.38	21.20	21.22	23.00
		1	49	21.10	21.29	21.28	23.00
		25	0	20.23	20.23	20.21	22.00



		25	13	20.20	20.23	20.16	22.00
		25	25	20.32	20.26	20.14	22.00
		50	0	20.29	20.24	20.18	22.00

LTE Band 5 DSI 8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.51	22.38	22.32	24.00
		1	2	22.17	22.28	22.11	24.00
		1	5	22.46	22.19	22.35	24.00
		3	0	22.14	22.14	22.20	24.00
		3	2	22.29	22.16	22.09	24.00
		3	3	22.42	22.26	22.03	24.00
		6	0	22.26	22.10	22.12	24.00
	16QAM	1	0	22.50	22.53	22.39	24.00
		1	2	22.47	22.34	22.17	24.00
		1	5	22.16	22.53	22.15	24.00
		3	0	22.36	22.36	22.33	24.00
		3	2	22.21	22.34	22.24	24.00
		3	3	22.30	22.32	22.09	24.00
		6	0	21.23	21.26	21.24	23.00
	64QAM	1	0	21.53	21.57	21.30	23.00
		1	2	21.47	21.11	21.17	23.00
		1	5	21.34	21.21	21.25	23.00
		3	0	21.25	21.30	21.20	23.00
		3	2	21.34	21.17	21.36	23.00
		3	3	21.33	21.30	21.20	23.00
		6	0	20.34	20.31	20.30	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	22.37	22.17	22.30	24.00
		1	7	22.21	22.29	22.24	24.00
		1	14	22.29	22.38	22.21	24.00
		8	0	22.27	22.28	22.19	24.00
		8	4	22.10	22.29	22.30	24.00
		8	7	22.35	22.35	22.15	24.00
		15	0	22.39	22.30	22.31	24.00
	16QAM	1	0	22.51	22.57	22.46	24.00
		1	7	22.27	22.38	22.10	24.00
		1	14	22.10	22.45	22.43	24.00
		8	0	21.49	21.19	21.23	23.00
		8	4	21.23	21.11	21.20	23.00
		8	7	21.28	21.41	21.12	23.00
		15	0	21.27	21.21	21.10	23.00
	64QAM	1	0	21.47	21.56	21.53	23.00
		1	7	21.31	21.35	21.23	23.00
		1	14	21.60	21.11	21.24	23.00
		8	0	20.07	20.26	20.28	22.00
		8	4	20.31	20.39	20.35	22.00
		8	7	20.19	20.15	20.25	22.00

		15	0	20.27	20.22	20.28	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	22.31	22.39	22.23	24.00
		1	13	22.25	22.32	22.30	24.00
		1	24	22.43	22.25	22.07	24.00
		12	0	22.43	22.13	22.23	24.00
		12	6	22.31	22.10	22.28	24.00
		12	13	22.22	22.18	22.03	24.00
		25	0	22.12	22.24	22.23	24.00
	16QAM	1	0	22.63	22.51	22.57	24.00
		1	13	22.50	22.42	22.20	24.00
		1	24	22.28	22.58	22.22	24.00
		12	0	21.42	21.21	21.16	23.00
		12	6	21.27	21.21	21.27	23.00
		12	13	21.41	21.14	21.20	23.00
		25	0	21.31	21.27	21.03	23.00
	64QAM	1	0	21.28	21.55	21.53	23.00
		1	13	21.60	21.18	21.16	23.00
		1	24	21.43	21.15	21.31	23.00
		12	0	20.05	20.28	20.30	22.00
		12	6	20.29	20.36	20.25	22.00
		12	13	20.21	20.32	20.28	22.00
		25	0	20.16	20.27	20.22	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	22.40	22.27	22.31	24.00
		1	25	22.23	22.21	22.22	24.00
		1	49	22.32	22.26	22.21	24.00
		25	0	22.29	22.23	22.23	24.00
		25	13	22.22	22.17	22.17	24.00
		25	25	22.27	22.23	22.17	24.00
		50	0	22.27	22.23	22.16	24.00
	16QAM	1	0	22.48	22.45	22.51	24.00
		1	25	22.36	22.44	22.22	24.00
		1	49	22.17	22.53	22.28	24.00
		25	0	21.34	21.12	21.18	23.00
		25	13	21.28	21.19	21.17	23.00
		25	25	21.36	21.26	21.17	23.00
		50	0	21.34	21.21	21.15	23.00
	64QAM	1	0	21.43	21.45	21.45	23.00
		1	25	21.46	21.26	21.30	23.00
		1	49	21.48	21.25	21.30	23.00
		25	0	20.20	20.25	20.22	22.00
		25	13	20.20	20.25	20.22	22.00
		25	25	20.29	20.25	20.22	22.00
		50	0	20.23	20.29	20.24	22.00

LTE Band 7 DSI 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.93	16.90	16.71	18.00
		1	13	16.97	16.87	16.58	18.00
		1	24	16.91	16.72	16.56	18.00
		12	0	16.91	16.87	16.75	18.00
		12	6	16.93	16.92	16.73	18.00
		12	13	16.98	16.83	16.67	18.00
		25	0	16.95	16.87	16.72	18.00
	16QAM	1	0	17.06	17.14	17.04	18.00
		1	13	17.13	17.07	16.89	18.00
		1	24	17.28	16.88	16.92	18.00
		12	0	16.94	16.74	16.70	18.00
		12	6	16.99	16.92	16.61	18.00
		12	13	17.01	16.81	16.60	18.00
		25	0	16.95	16.83	16.65	18.00
	64QAM	1	0	16.91	16.92	16.79	18.00
		1	13	17.03	16.65	16.65	18.00
		1	24	17.06	16.95	16.75	18.00
		12	0	16.89	16.85	16.70	18.00
		12	6	16.91	16.89	16.73	18.00
		12	13	17.00	16.76	16.63	18.00
		25	0	16.89	16.86	16.64	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.02	16.84	16.65	18.00
		1	25	16.91	16.97	16.68	18.00
		1	49	17.04	16.86	16.62	18.00
		25	0	16.83	16.76	16.87	18.00
		25	13	17.02	17.01	16.64	18.00
		25	25	17.13	16.86	16.80	18.00
		50	0	16.94	17.00	16.83	18.00
	16QAM	1	0	16.92	17.16	17.18	18.00
		1	25	17.27	17.21	16.74	18.00
		1	49	17.38	16.84	16.90	18.00
		25	0	16.97	16.60	16.61	18.00
		25	13	17.08	16.81	16.69	18.00
		25	25	17.16	16.79	16.45	18.00
		50	0	17.08	16.90	16.71	18.00
	64QAM	1	0	16.88	17.06	16.71	18.00
		1	25	16.96	16.76	16.53	18.00
		1	49	17.13	17.04	16.67	18.00
		25	0	16.86	16.75	16.81	18.00
		25	13	17.05	17.00	16.79	18.00

		25	25	16.96	16.82	16.61	18.00
		50	0	16.85	16.97	16.65	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.89	16.81	16.78	18.00
		1	38	16.87	16.93	16.73	18.00
		1	74	17.00	16.74	16.52	18.00
		36	0	16.88	16.96	16.84	18.00
		36	18	17.08	16.92	16.82	18.00
		36	39	16.83	16.73	16.75	18.00
		75	0	16.82	16.73	16.82	18.00
	16QAM	1	0	16.99	17.24	16.90	18.00
		1	38	17.10	17.01	16.77	18.00
		1	74	17.32	16.98	17.07	18.00
		36	0	16.82	16.61	16.60	18.00
		36	18	17.09	17.07	16.75	18.00
		36	39	17.09	16.91	16.52	18.00
		75	0	17.06	16.90	16.74	18.00
	64QAM	1	0	16.94	16.77	16.93	18.00
		1	38	16.96	16.64	16.69	18.00
		1	74	16.98	16.90	16.69	18.00
		36	0	16.92	16.73	16.62	18.00
		36	18	16.90	17.02	16.65	18.00
		36	39	17.15	16.62	16.59	18.00
		75	0	16.99	16.80	16.75	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.88	17.07	16.84	18.00
		1	50	16.86	16.90	16.48	18.00
		1	99	16.83	16.82	16.44	18.00
		50	0	16.82	16.83	16.89	18.00
		50	25	16.83	16.91	16.65	18.00
		50	50	16.80	16.80	16.90	18.00
		100	0	16.78	16.82	16.69	18.00
	16QAM	1	0	17.20	17.04	17.15	18.00
		1	50	17.10	17.18	16.78	18.00
		1	99	17.23	16.79	16.99	18.00
		50	0	16.86	16.84	16.62	18.00
		50	25	17.00	16.78	16.70	18.00
		50	50	16.95	16.89	16.52	18.00
		100	0	16.93	16.83	16.51	18.00
	64QAM	1	0	16.92	16.90	16.89	18.00
		1	50	16.88	16.57	16.59	18.00
		1	99	17.12	16.87	16.76	18.00
		50	0	16.78	16.84	16.57	18.00
		50	25	16.77	16.93	16.71	18.00
		50	50	17.15	16.80	16.66	18.00



		100	0	16.79	16.77	16.58	18.00
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LTE Band 7 DSI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	15.88	15.84	15.62	17.00
		1	13	15.93	15.94	15.66	17.00
		1	24	15.95	15.64	15.64	17.00
		12	0	15.93	15.87	15.73	17.00
		12	6	15.97	15.89	15.69	17.00
		12	13	15.94	15.79	15.62	17.00
		25	0	15.92	15.81	15.72	17.00
	16QAM	1	0	16.09	16.26	15.90	17.00
		1	13	16.22	16.01	15.94	17.00
		1	24	16.05	15.95	15.96	17.00
		12	0	15.92	15.89	15.68	17.00
		12	6	15.96	15.88	15.66	17.00
		12	13	15.97	15.81	15.58	17.00
		25	0	15.94	15.79	15.62	17.00
	64QAM	1	0	15.81	15.96	15.81	17.00
		1	13	16.17	15.96	15.79	17.00
		1	24	16.07	15.84	15.66	17.00
		12	0	15.90	15.85	15.71	17.00
		12	6	15.94	15.88	15.71	17.00
		12	13	15.92	15.79	15.52	17.00
		25	0	15.90	15.83	15.68	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	15.93	15.84	15.59	17.00
		1	25	15.78	16.07	15.53	17.00
		1	49	15.93	15.62	15.66	17.00
		25	0	15.98	15.80	15.68	17.00
		25	13	15.95	16.02	15.82	17.00
		25	25	16.05	15.89	15.76	17.00
		50	0	15.83	15.85	15.61	17.00
	16QAM	1	0	16.17	16.18	15.92	17.00
		1	25	16.24	16.04	16.07	17.00
		1	49	16.05	15.87	16.04	17.00
		25	0	15.89	15.94	15.77	17.00
		25	13	16.00	16.03	15.72	17.00
		25	25	16.06	15.79	15.71	17.00
		50	0	15.79	15.90	15.55	17.00
	64QAM	1	0	15.83	15.82	15.83	17.00
		1	25	16.23	16.10	15.67	17.00
		1	49	15.94	15.93	15.71	17.00
		25	0	15.92	15.96	15.73	17.00
		25	13	16.01	15.85	15.71	17.00
		25	25	15.92	15.93	15.62	17.00

Bandwidth	Modulation	50	0	15.97	15.68	15.56	17.00
		RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.02	15.99	15.57	17.00
		1	38	15.93	16.06	15.64	17.00
		1	74	15.85	15.53	15.71	17.00
		36	0	15.82	15.91	15.80	17.00
		36	18	16.01	16.03	15.60	17.00
		36	39	15.89	15.94	15.70	17.00
		75	0	15.95	15.79	15.66	17.00
	16QAM	1	0	16.10	16.35	15.82	17.00
		1	38	16.31	15.86	16.09	17.00
		1	74	16.15	16.01	16.00	17.00
		36	0	15.80	15.85	15.63	17.00
		36	18	15.96	16.03	15.54	17.00
		36	39	16.04	15.78	15.65	17.00
		75	0	15.96	15.73	15.49	17.00
	64QAM	1	0	15.93	16.09	15.66	17.00
		1	38	16.22	15.85	15.90	17.00
		1	74	16.13	15.94	15.59	17.00
		36	0	15.85	15.96	15.81	17.00
		36	18	15.85	15.77	15.59	17.00
		36	39	15.79	15.66	15.60	17.00
		75	0	15.88	15.87	15.61	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	15.99	15.83	15.72	17.00
		1	50	15.89	16.01	15.54	17.00
		1	99	15.80	15.59	15.73	17.00
		50	0	15.85	15.85	15.58	17.00
		50	25	15.90	15.92	15.55	17.00
		50	50	16.01	15.79	15.58	17.00
		100	0	15.79	15.77	15.80	17.00
	16QAM	1	0	15.96	16.25	15.98	17.00
		1	50	16.37	15.98	16.09	17.00
		1	99	16.15	15.97	16.09	17.00
		50	0	16.07	15.82	15.63	17.00
		50	25	16.07	15.87	15.72	17.00
		50	50	15.91	15.88	15.64	17.00
		100	0	16.03	15.84	15.56	17.00
	64QAM	1	0	15.96	15.88	15.90	17.00
		1	50	16.32	16.03	15.80	17.00
		1	99	16.05	15.84	15.80	17.00
		50	0	15.98	15.73	15.86	17.00
		50	25	15.86	15.94	15.63	17.00
		50	50	16.04	15.91	15.66	17.00
		100	0	16.01	15.86	15.64	17.00

LTE Band 7 DSI 6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.39	19.33	19.17	20.50
		1	13	19.54	19.24	19.09	20.50
		1	24	19.32	19.11	19.07	20.50
		12	0	19.53	19.37	19.14	20.50
		12	6	19.50	19.23	19.11	20.50
		12	13	19.44	19.24	19.08	20.50
		25	0	19.48	19.20	19.12	20.50
	16QAM	1	0	19.47	19.58	19.34	20.50
		1	13	19.69	19.54	19.30	20.50
		1	24	19.62	19.31	19.35	20.50
		12	0	19.45	19.30	19.13	20.50
		12	6	19.37	19.23	19.05	20.50
		12	13	19.41	19.17	19.14	20.50
		25	0	19.42	19.19	19.10	20.50
	64QAM	1	0	19.48	19.41	19.19	20.50
		1	13	19.47	19.33	19.29	20.50
		1	24	19.46	19.26	19.13	20.50
		12	0	19.41	19.36	19.04	20.50
		12	6	19.50	19.23	19.11	20.50
		12	13	19.37	19.16	19.05	20.50
		25	0	19.44	19.18	19.03	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	19.37	19.35	19.13	20.50
		1	25	19.48	19.26	19.13	20.50
		1	49	19.39	19.04	19.06	20.50
		25	0	19.49	19.34	19.09	20.50
		25	13	19.54	19.23	19.15	20.50
		25	25	19.51	19.19	19.16	20.50
		50	0	19.48	19.20	19.17	20.50
	16QAM	1	0	19.49	19.58	19.33	20.50
		1	25	19.72	19.54	19.34	20.50
		1	49	19.60	19.31	19.40	20.50
		25	0	19.42	19.34	19.21	20.50
		25	13	19.37	19.20	19.10	20.50
		25	25	19.48	19.24	19.14	20.50
		50	0	19.48	19.20	19.11	20.50
	64QAM	1	0	19.51	19.35	19.16	20.50
		1	25	19.46	19.33	19.25	20.50
		1	49	19.44	19.21	19.20	20.50
		25	0	19.41	19.34	19.09	20.50
		25	13	19.51	19.26	19.05	20.50

		25	25	19.43	19.13	19.10	20.50
		50	0	19.38	19.20	19.08	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.39	19.32	19.14	20.50
		1	38	19.49	19.28	19.06	20.50
		1	74	19.39	19.08	19.07	20.50
		36	0	19.50	19.38	19.14	20.50
		36	18	19.50	19.22	19.09	20.50
		36	39	19.44	19.17	19.08	20.50
		75	0	19.45	19.22	19.14	20.50
	16QAM	1	0	19.53	19.57	19.32	20.50
		1	38	19.65	19.52	19.30	20.50
		1	74	19.60	19.34	19.36	20.50
		36	0	19.43	19.29	19.14	20.50
		36	18	19.39	19.19	19.08	20.50
		36	39	19.45	19.18	19.12	20.50
		75	0	19.43	19.17	19.11	20.50
	64QAM	1	0	19.52	19.39	19.15	20.50
		1	38	19.49	19.33	19.28	20.50
		1	74	19.42	19.29	19.13	20.50
		36	0	19.48	19.37	19.07	20.50
		36	18	19.48	19.22	19.07	20.50
		36	39	19.42	19.13	19.08	20.50
		75	0	19.43	19.24	19.07	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	19.43	19.40	19.19	20.50
		1	50	19.48	19.31	19.15	20.50
		1	99	19.51	19.12	19.13	20.50
		50	0	19.54	19.39	19.16	20.50
		50	25	19.56	19.28	19.16	20.50
		50	50	19.52	19.25	19.17	20.50
		100	0	19.53	19.26	19.19	20.50
	16QAM	1	0	19.55	19.60	19.36	20.50
		1	50	19.73	19.55	19.35	20.50
		1	99	19.65	19.37	19.44	20.50
		50	0	19.51	19.37	19.22	20.50
		50	25	19.46	19.27	19.14	20.50
		50	50	19.49	19.26	19.17	20.50
		100	0	19.50	19.25	19.14	20.50
	64QAM	1	0	19.55	19.43	19.23	20.50
		1	50	19.52	19.40	19.33	20.50
		1	99	19.49	19.30	19.22	20.50
		50	0	19.50	19.40	19.13	20.50
		50	25	19.53	19.29	19.12	20.50
		50	50	19.44	19.22	19.14	20.50



		100	0	19.45	19.27	19.09	20.50
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LTE Band 7 DSI 8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.47	17.46	17.21	18.50
		1	13	17.59	17.38	17.16	18.50
		1	24	17.38	17.24	17.18	18.50
		12	0	17.50	17.32	17.28	18.50
		12	6	17.55	17.38	17.20	18.50
		12	13	17.57	17.30	17.21	18.50
		25	0	17.58	17.36	17.27	18.50
	16QAM	1	0	17.60	17.67	17.62	18.50
		1	13	17.77	17.55	17.37	18.50
		1	24	17.62	17.44	17.29	18.50
		12	0	17.50	17.40	17.32	18.50
		12	6	17.49	17.43	17.28	18.50
		12	13	17.46	17.39	17.16	18.50
		25	0	17.53	17.31	17.20	18.50
	64QAM	1	0	17.27	17.58	17.35	18.50
		1	13	17.61	17.51	17.28	18.50
		1	24	17.66	17.39	17.28	18.50
		12	0	17.42	17.35	17.26	18.50
		12	6	17.48	17.38	17.16	18.50
		12	13	17.46	17.22	17.21	18.50
		25	0	17.46	17.26	17.20	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.48	17.38	17.19	18.50
		1	25	17.51	17.33	17.18	18.50
		1	49	17.43	17.23	17.13	18.50
		25	0	17.52	17.31	17.25	18.50
		25	13	17.56	17.41	17.18	18.50
		25	25	17.58	17.37	17.18	18.50
		50	0	17.58	17.44	17.28	18.50
	16QAM	1	0	17.65	17.62	17.58	18.50
		1	25	17.81	17.50	17.39	18.50
		1	49	17.63	17.43	17.28	18.50
		25	0	17.51	17.43	17.34	18.50
		25	13	17.54	17.44	17.27	18.50
		25	25	17.51	17.31	17.16	18.50
		50	0	17.56	17.32	17.23	18.50
	64QAM	1	0	17.26	17.60	17.33	18.50
		1	25	17.68	17.55	17.30	18.50
		1	49	17.66	17.38	17.34	18.50
		25	0	17.43	17.37	17.24	18.50
		25	13	17.44	17.35	17.21	18.50
		25	25	17.49	17.26	17.20	18.50