

APPENDIX F: Conducted RF Output Power Table and Tune-up

Tune-up Limit

UMTS Band II	Original power(dBm)	Tolerance
RMC 12.2K	25.0	-1.0dB~+1.0dB
HSDPA Sub-test1	25.0	-1.0dB~+1.0dB
HSDPA Sub-test2	22.0	-1.0dB~+1.0dB
HSDPA Sub-test3	21.0	-1.0dB~+1.0dB
HSDPA Sub-test4	20.0	-1.0dB~+1.0dB
HSUPA Sub-test1	25.0	-1.0dB~+1.0dB
HSUPA Sub-test2	25.0	-1.0dB~+1.0dB
HSUPA Sub-test3	24.0	-1.0dB~+1.0dB
HSUPA Sub-test4	24.0	-1.0dB~+1.0dB
HSUPA Sub-test5	24.0	-1.0dB~+1.0dB

UMTS Band IV	Original power(dBm)	Tolerance
RMC 12.2K	24.5	-1.0dB~+1.0dB
HSDPA Sub-test1	24.5	-1.0dB~+1.0dB
HSDPA Sub-test2	21.5	-1.0dB~+1.0dB
HSDPA Sub-test3	20.0	-1.0dB~+1.0dB
HSDPA Sub-test4	20.0	-1.0dB~+1.0dB
HSUPA Sub-test1	24.5	-1.0dB~+1.0dB
HSUPA Sub-test2	24.5	-1.0dB~+1.0dB
HSUPA Sub-test3	24.0	-1.0dB~+1.0dB
HSUPA Sub-test4	24.5	-1.0dB~+1.0dB
HSUPA Sub-test5	23.5	-1.0dB~+1.0dB

UMTS Band V	Original power(dBm)	Tolerance
RMC 12.2K	23.0	-1.0dB~+1.0dB
HSDPA Sub-test1	23.0	-1.0dB~+1.0dB
HSDPA Sub-test2	20.0	-1.0dB~+1.0dB
HSDPA Sub-test3	19.0	-1.0dB~+1.0dB
HSDPA Sub-test4	18.0	-1.0dB~+1.0dB
HSUPA Sub-test1	23.0	-1.0dB~+1.0dB
HSUPA Sub-test2	23.0	-1.0dB~+1.0dB
HSUPA Sub-test3	22.0	-1.0dB~+1.0dB
HSUPA Sub-test4	23.0	-1.0dB~+1.0dB
HSUPA Sub-test5	22.0	-1.0dB~+1.0dB

Band	Original power(dBm)	Tolerance
LTE Band 2	25.0	-1.0dB~+1.0dB
LTE Band 4	25.0	-1.0dB~+1.0dB
LTE Band 5	21.0	-1.0dB~+1.0dB
LTE Band 7	23.0	-1.0dB~+1.0dB
LTE Band 12	26.0	-1.0dB~+1.0dB
LTE Band 17	25.0	-1.0dB~+1.0dB
LTE Band 41	24.0	-1.0dB~+1.0dB
LTE Band 66	24.0	-1.0dB~+1.0dB

Mode	Original power(dBm)	Tolerance
802.11 b	17.5	-1dB~~+1dB
802.11 g	15.5	-1dB~~+1dB
802.11 n-HT20	15.0	-1dB~~+1dB
802.11 n-HT40	15.0	-1dB~~+1dB

Power

UMTS Band II		Conducted Power (dBm)		
		9262	9400	9538
WCDMA	12.2kbps RMC	25.39	24.81	25.13
HSDPA	Subtest 1	25.1	24.68	24.91
	Subtest 2	22.01	22.19	21.88
	Subtest 3	20.88	20.75	20.32
	Subtest 4	20.05	19.95	20.00
HSUPA	Subtest 1	25.34	24.66	24.92
	Subtest 2	25.15	24.62	24.75
	Subtest 3	24.60	24.05	24.20
	Subtest 4	24.92	24.51	24.53
	Subtest 5	24.44	23.97	24.02

UMTS Band IV		Conducted Power (dBm)		
		1312	1412	1513
WCDMA	12.2kbps RMC	25.22	24.21	24.03
HSDPA	Subtest 1	25.07	24.93	24.88
	Subtest 2	22.18	21.04	21.24
	Subtest 3	20.98	19.91	20.07
	Subtest 4	20.15	19.04	19.29
HSUPA	Subtest 1	25.20	24.12	24.80
	Subtest 2	25.20	24.91	24.84
	Subtest 3	24.41	23.38	23.20
	Subtest 4	25.14	24.71	24.79
	Subtest 5	24.37	23.21	23.16

UMTS Band V		Conducted Power (dBm)		
		4132	4183	4233
WCDMA	12.2kbps RMC	23.58	22.86	23.22
HSDPA	Subtest 1	23.45	22.71	23.05
	Subtest 2	20.42	19.82	20.11
	Subtest 3	19.27	18.22	18.99
	Subtest 4	18.49	17.91	18.67
HSUPA	Subtest 1	23.62	22.75	23.15
	Subtest 2	23.51	22.65	23.02
	Subtest 3	22.82	22.12	22.44
	Subtest 4	23.40	22.55	22.88
	Subtest 5	22.69	22.02	22.29

LTE Band2

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18607	18900	19193
1.4MHz	QPSK	1	0	25.04	25.02	25.11
		1	13	25.02	25.02	25.09
		1	24	25.21	25.18	25.18
		12	0	24.08	24.04	23.86
		12	6	24.04	23.97	24.13
		12	13	24.04	23.98	24.13
		25	0	23.98	23.86	24.13
	16QAM	1	0	23.79	23.88	23.97
		1	13	23.72	23.69	23.83
		1	24	23.82	23.73	23.83
		12	0	22.94	23.46	23.30
		12	6	22.94	23.08	22.99
		12	13	22.97	23.09	23.35
		25	0	23.08	23.09	23.07
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18615	18900	19185
3MHz	QPSK	1	0	25.10	25.19	25.18
		1	13	25.26	25.18	25.04
		1	24	25.02	25.21	25.19
		12	0	23.88	24.16	24.04
		12	6	24.08	24.16	24.06
		12	13	23.95	24.04	23.98
		25	0	24.04	24.13	24.12
	16QAM	1	0	23.79	23.79	23.59
		1	13	23.87	23.72	23.72
		1	24	23.70	23.57	23.78
		12	0	23.34	23.19	23.09
		12	6	23.32	23.32	23.08
		12	13	23.08	22.97	23.14
		25	0	23.15	23.20	23.07
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18625	18900	19175
5MHz	QPSK	1	0	25.21	25.20	25.21
		1	13	25.10	25.04	25.26
		1	24	25.27	25.10	25.18

		12	0	23.98	23.89	24.03
		12	6	24.03	23.89	24.00
		12	13	24.05	23.97	24.04
		25	0	24.08	24.08	24.13
	16QAM	1	0	23.72	23.79	23.73
		1	13	23.68	23.68	23.80
		1	24	23.54	23.57	23.88
		12	0	23.27	22.97	23.15
		12	6	23.46	23.35	23.08
		12	13	23.46	23.20	23.30
25	0	22.94	23.18	23.31		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18650	18900	19150
10MHz	QPSK	1	0	25.17	25.23	25.09
		1	13	25.07	25.26	25.11
		1	24	25.19	25.20	25.18
		12	0	23.94	23.95	24.11
		12	6	23.79	23.90	24.04
		12	13	23.88	23.90	24.00
		25	0	23.98	23.98	23.98
	16QAM	1	0	23.57	23.46	23.57
		1	13	23.76	23.62	23.61
		1	24	23.67	23.67	23.76
		12	0	23.10	22.76	22.88
		12	6	22.73	23.06	23.14
		12	13	22.73	23.07	22.73
		25	0	23.25	22.73	22.88
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18675	18900	19125
15MHz	QPSK	1	0	25.23	24.99	25.13
		1	13	25.25	25.18	25.23
		1	24	25.20	25.02	25.25
		12	0	24.06	23.98	23.98
		12	6	23.87	23.93	24.11
		12	13	23.90	24.03	23.95
		25	0	23.90	23.94	24.11
	16QAM	1	0	23.57	23.58	23.71
		1	13	23.58	23.48	23.76

		1	24	23.69	23.43	23.88
		12	0	22.87	22.88	22.86
		12	6	22.94	22.73	23.10
		12	13	23.07	22.87	22.94
		25	0	22.65	22.98	22.91
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18700	18900	19100
20MHz	QPSK	1	0	25.27	25.03	25.10
		1	50	25.37	25.42	25.47
		1	99	25.18	25.02	25.26
		50	0	23.94	24.08	23.89
		50	25	24.14	24.05	24.21
		50	50	24.04	24.21	24.12
		100	0	23.86	24.10	24.12
	16QAM	1	0	23.73	23.82	23.82
		1	50	23.72	23.73	23.87
		1	99	23.79	23.72	23.88
		50	0	23.35	23.20	23.09
		50	25	23.15	23.04	23.44
		50	50	23.46	23.34	23.12
		100	0	22.86	23.31	23.08

LTE Band4

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19957	20175	20393
1.4MHz	QPSK	1	0	25.29	25.16	25.42
		1	13	25.29	25.27	25.26
		1	24	25.13	25.34	25.27
		12	0	24.28	24.20	24.20
		12	6	24.38	24.13	24.13
		12	13	24.06	23.95	24.25
		25	0	24.12	24.26	24.17
	16QAM	1	0	23.72	24.19	23.84
		1	13	23.77	23.84	23.61
		1	24	24.17	24.06	23.98
		12	0	23.31	23.32	23.29
		12	6	23.02	23.44	23.15
		12	13	23.19	23.13	23.58
		25	0	23.31	23.09	23.28
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19965	20175	20385
3MHz	QPSK	1	0	25.19	25.16	25.15
		1	13	25.39	25.42	25.16
		1	24	25.19	25.25	25.29
		12	0	24.20	23.95	24.26
		12	6	24.26	24.26	24.25
		12	13	24.06	23.98	24.06
		25	0	24.37	24.26	24.20
	16QAM	1	0	23.93	23.98	23.84
		1	13	23.69	24.08	23.93
		1	24	23.89	24.17	23.87
		12	0	23.33	23.33	23.09
		12	6	23.28	23.67	23.21
		12	13	23.44	23.56	23.67
		25	0	23.31	23.35	23.01
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19975	20175	20375
5MHz	QPSK	1	0	25.31	25.29	25.16
		1	13	25.15	25.42	25.27
		1	24	25.37	25.39	25.15

		12	0	24.13	24.28	24.19
		12	6	24.13	24.13	23.95
		12	13	24.13	24.10	23.98
		25	0	24.18	24.19	24.25
	16QAM	1	0	23.93	23.86	23.69
		1	13	23.95	23.95	24.03
		1	24	23.91	24.03	24.06
		12	0	23.29	23.37	23.65
		12	6	23.33	23.52	22.94
		12	13	23.38	23.35	23.67
25	0	23.56	23.09	23.56		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20000	20175	20350
10MHz	QPSK	1	0	25.38	25.23	25.36
		1	13	25.33	25.14	25.25
		1	24	25.28	25.31	25.18
		12	0	24.28	24.07	24.27
		12	6	24.11	23.85	24.02
		12	13	24.10	24.15	24.27
		25	0	24.03	24.15	24.03
	16QAM	1	0	23.58	24.08	23.92
		1	13	23.75	23.75	23.92
		1	24	23.72	23.82	23.72
		12	0	23.17	22.73	23.44
		12	6	23.44	23.44	22.73
		12	13	23.17	23.16	23.08
		25	0	23.23	22.73	23.23
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20025	20175	20325
15MHz	QPSK	1	0	25.26	25.31	25.32
		1	13	25.23	25.25	25.30
		1	24	25.39	25.12	25.26
		12	0	24.03	23.88	24.10
		12	6	24.08	23.88	24.02
		12	13	24.10	24.03	23.96
		25	0	23.85	24.28	24.27
	16QAM	1	0	23.75	23.73	23.73
		1	13	23.80	23.76	23.92

		1	24	23.75	23.76	23.73
		12	0	23.37	23.11	22.80
		12	6	22.80	22.80	22.73
		12	13	22.81	22.92	23.44
		25	0	23.31	22.92	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20050	20175	20300
20MHz	QPSK	1	0	25.34	25.42	25.37
		1	50	25.58	25.55	25.52
		1	99	25.15	25.34	25.29
		50	0	24.21	24.26	24.26
		50	25	24.20	24.17	24.17
		50	50	24.38	24.38	24.10
		100	0	24.17	24.21	24.25
	16QAM	1	0	23.66	23.86	23.72
		1	50	23.61	24.06	23.86
		1	99	23.77	23.80	24.03
		50	0	23.52	23.37	23.29
		50	25	23.33	23.35	23.37
		50	50	23.21	23.21	23.09
		100	0	23.09	23.22	23.02

LTE Band5

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20425	20525	20625
5MHz	QPSK	1	0	20.68	20.62	20.57
		1	13	20.72	20.61	20.53
		1	24	20.59	20.62	20.57
		12	0	19.39	19.45	19.42
		12	6	19.42	19.44	19.39
		12	13	19.40	19.28	19.42
		25	0	19.42	19.28	19.28
	16QAM	1	0	19.35	19.03	19.03
		1	13	19.26	18.93	19.11
		1	24	19.41	19.03	18.93
		12	0	18.21	18.30	18.14
		12	6	18.13	18.13	18.71
		12	13	18.54	18.35	18.52
		25	0	18.57	18.44	18.23
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20450	20525	20600
10MHz	QPSK	1	0	20.65	20.73	20.60
		1	13	20.90	20.95	20.90
		1	24	20.76	20.69	20.75
		12	0	19.74	19.56	19.52
		12	6	19.47	19.41	19.60
		12	13	19.56	19.47	19.60
		25	0	19.54	19.74	19.74
	16QAM	1	0	19.28	19.47	19.23
		1	13	19.34	19.02	19.24
		1	24	19.06	19.04	19.22
		12	0	18.60	18.34	18.92
		12	6	18.92	18.99	18.60
		12	13	18.41	18.75	18.97
		25	0	18.44	18.73	18.74

LTE Band7

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20775	21100	21425
5MHz	QPSK	1	0	23.18	23.03	23.29
		1	13	23.02	23.01	23.07
		1	24	23.22	23.02	23.18
		12	0	22.06	22.00	22.26
		12	6	22.00	22.04	22.20
		12	13	22.15	22.04	22.00
		25	0	21.91	22.25	22.16
	16QAM	1	0	21.79	21.60	22.00
		1	13	21.68	21.72	21.96
		1	24	21.73	21.60	21.72
		12	0	21.43	21.15	20.80
		12	6	21.01	20.94	21.14
		12	13	21.01	21.43	21.05
		25	0	21.06	21.05	21.43
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20800	21100	21400
10MHz	QPSK	1	0	23.10	23.23	23.27
		1	13	23.17	23.08	23.04
		1	24	23.00	23.15	23.10
		12	0	22.16	21.98	21.78
		12	6	22.05	21.82	22.10
		12	13	21.96	21.93	21.99
		25	0	21.94	21.93	21.99
	16QAM	1	0	21.71	21.65	21.52
		1	13	21.71	21.94	21.62
		1	24	21.72	21.47	21.61
		12	0	20.88	21.08	20.94
		12	6	20.62	20.80	20.80
		12	13	20.73	20.88	21.34
		25	0	20.62	20.73	20.99
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20825	21100	21375
15MHz	QPSK	1	0	23.27	23.11	23.02
		1	13	23.27	23.28	23.04
		1	24	23.21	23.27	23.27

		12	0	21.94	21.85	21.94
		12	6	21.93	21.80	21.78
		12	13	21.93	21.98	21.93
		25	0	21.88	21.94	21.73
	16QAM	1	0	21.68	21.36	21.63
		1	13	21.64	21.57	21.62
		1	24	21.84	21.39	21.65
		12	0	21.24	20.59	20.95
		12	6	20.88	21.34	21.27
		12	13	20.94	20.94	20.62
		25	0	21.32	21.06	21.06
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20850	21100	21350
20MHz	QPSK	1	0	23.18	23.05	23.09
		1	50	23.39	23.41	23.42
		1	99	23.12	23.09	23.14
		50	0	22.25	21.88	22.00
		50	25	22.16	21.90	22.00
		50	50	21.95	22.20	21.83
		100	0	22.03	22.15	22.26
	16QAM	1	0	21.68	21.58	21.51
		1	50	21.81	21.81	21.74
		1	99	21.72	21.79	21.72
		50	0	20.79	21.01	21.55
		50	25	21.14	21.26	21.27
		50	50	21.01	20.96	21.20
		100	0	21.29	21.15	21.11

LTE Band12

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				23017	23095	23173
1.4MHz	QPSK	1	0	25.71	25.71	25.74
		1	13	25.62	25.62	25.74
		1	24	25.72	25.62	25.71
		12	0	24.65	24.51	24.44
		12	6	24.81	24.52	24.81
		12	13	24.54	24.70	24.67
		25	0	24.66	24.65	24.67
	16QAM	1	0	24.43	24.44	24.21
		1	13	24.41	24.19	24.21
		1	24	24.49	24.09	24.35
		12	0	23.56	23.69	23.58
		12	6	23.98	23.85	23.84
		12	13	23.85	24.01	23.77
		25	0	24.01	23.73	23.61
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				23025	23095	23165
3MHz	QPSK	1	0	25.72	25.75	25.73
		1	13	25.69	25.72	25.73
		1	24	25.69	25.74	25.63
		12	0	24.52	24.65	24.59
		12	6	24.61	24.56	24.64
		12	13	24.54	24.67	24.57
		25	0	24.81	24.55	24.81
	16QAM	1	0	24.21	24.57	24.27
		1	13	24.27	24.29	24.57
		1	24	24.33	24.49	24.21
		12	0	24.01	24.01	23.52
		12	6	23.61	24.01	23.73
		12	13	23.89	23.89	23.73
		25	0	23.84	23.88	23.61
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				23035	23095	23155
5MHz	QPSK	1	0	25.72	25.70	25.83
		1	13	25.73	25.70	25.64
		1	24	25.72	25.84	25.77

		12	0	24.42	24.51	24.56
		12	6	24.71	24.47	24.56
		12	13	24.49	24.55	24.61
		25	0	24.34	24.34	24.42
	16QAM	1	0	24.08	24.10	24.18
		1	13	24.24	24.33	24.10
		1	24	24.15	23.98	24.08
		12	0	23.35	23.44	23.68
		12	6	23.31	23.52	23.30
		12	13	23.35	23.56	23.47
		25	0	23.64	23.69	23.34
	Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095
10MHz	QPSK	1	0	25.73	25.63	25.85
		1	13	25.99	26.03	25.99
		1	24	25.78	25.85	25.82
		12	0	24.51	24.64	24.57
		12	6	24.66	24.59	24.57
		12	13	24.70	24.61	24.55
		25	0	24.61	24.54	24.66
	16QAM	1	0	24.29	24.44	24.26
		1	13	24.33	24.35	24.48
		1	24	24.48	24.33	24.19
		12	0	23.73	23.62	23.68
		12	6	23.69	23.61	23.55
		12	13	23.60	23.62	23.84
		25	0	23.84	23.62	23.56

LTE Band17

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				23755	23790	23825
5MHz	QPSK	1	0	25.53	25.41	25.63
		1	13	25.58	25.47	25.35
		1	24	25.53	25.46	25.56
		12	0	24.30	24.35	24.24
		12	6	24.18	24.30	24.45
		12	13	24.30	24.23	24.07
		25	0	24.17	24.16	24.30
	16QAM	1	0	24.24	24.07	23.83
		1	13	24.13	24.11	24.11
		1	24	23.97	23.92	24.11
		12	0	23.37	23.40	23.60
		12	6	23.37	23.40	23.37
		12	13	23.16	23.08	23.19
		25	0	23.37	23.39	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				23780	23790	23800
10MHz	QPSK	1	0	25.43	25.63	25.54
		1	13	25.74	25.79	25.76
		1	24	25.42	25.42	25.54
		12	0	24.17	24.28	24.33
		12	6	24.43	24.28	24.24
		12	13	24.50	24.45	24.37
		25	0	24.55	24.27	24.27
	16QAM	1	0	24.20	24.07	23.90
		1	13	23.92	24.22	24.18
		1	24	23.90	24.35	24.08
		12	0	23.81	23.37	23.58
		12	6	23.25	23.77	23.77
		12	13	23.34	23.77	23.40
		25	0	23.58	23.58	23.11

LTE Band41

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				39675	40620	41565
5MHz	QPSK	1	0	23.94	23.71	23.65
		1	13	23.95	23.74	23.77
		1	24	23.65	23.77	23.65
		12	0	22.80	22.65	22.76
		12	6	22.77	22.63	22.80
		12	13	22.58	22.64	22.63
		25	0	22.80	22.68	22.63
	16QAM	1	0	22.42	22.27	22.45
		1	13	22.58	22.45	22.49
		1	24	22.55	22.60	22.23
		12	0	21.41	21.62	21.41
		12	6	21.61	21.83	21.51
		12	13	21.77	21.83	21.82
		25	0	22.04	21.67	21.41
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				39700	40620	41540
10MHz	QPSK	1	0	23.82	23.70	23.76
		1	13	23.72	23.68	23.76
		1	24	23.93	23.93	23.76
		12	0	22.47	22.42	22.42
		12	6	22.55	22.67	22.53
		12	13	22.54	22.42	22.83
		25	0	22.67	22.42	22.44
	16QAM	1	0	22.49	22.24	22.15
		1	13	22.17	22.07	22.25
		1	24	22.11	22.16	22.25
		12	0	21.55	21.73	21.62
		12	6	21.56	21.68	21.37
		12	13	21.68	21.62	21.61
		25	0	21.29	21.55	21.42
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				39725	40620	41515
15MHz	QPSK	1	0	23.76	23.82	23.68
		1	13	23.70	23.87	23.70
		1	24	23.70	23.72	23.94

		12	0	22.53	22.70	22.55
		12	6	22.37	22.70	22.54
		12	13	22.42	22.47	22.42
		25	0	22.59	22.37	22.59
	16QAM	1	0	22.15	22.49	22.44
		1	13	22.63	22.07	22.11
		1	24	22.12	22.44	22.17
		12	0	22.02	21.40	21.71
		12	6	21.41	21.71	21.61
		12	13	21.56	21.56	21.82
		25	0	21.20	21.73	21.73
Bandwidth	Modulation	RB size	RB offset	Channel 39750	Channel 40620	Channel 41490
20MHz	QPSK	1	0	23.71	23.71	23.74
		1	50	24.08	24.05	24.08
		1	99	23.73	23.69	23.95
		50	0	22.71	22.75	22.52
		50	25	22.57	22.63	22.52
		50	50	22.57	22.63	22.58
		100	0	22.80	22.77	22.61
	16QAM	1	0	22.40	22.28	22.23
		1	50	22.29	22.16	22.16
		1	99	22.40	22.42	22.23
		50	0	21.41	21.73	22.23
		50	25	21.86	21.63	21.62
		50	50	21.41	21.83	21.92
		100	0	21.83	21.89	22.04

LTE Band66

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19207	19575	19943
1.4MHz	QPSK	1	0	24.67	24.70	24.70
		1	3	24.71	24.73	24.71
		1	5	24.70	24.72	24.68
		3	0	23.77	23.94	23.79
		3	1	23.76	23.97	23.77
		3	3	23.72	23.96	23.78
	16QAM	6	0	23.74	23.96	23.79
		1	0	23.74	23.98	23.76
		1	3	23.73	23.94	23.73
		1	5	23.78	23.90	23.72
		3	0	23.03	23.10	22.78
		3	1	23.05	23.14	22.81
		3	3	23.04	23.09	22.78
		6	0	23.01	23.08	22.73
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19215	19575	19935
3MHz	QPSK	1	0	24.73	24.70	24.75
		1	8	24.73	24.75	24.77
		1	14	24.72	24.72	24.73
		8	0	23.82	23.86	23.80
		8	4	23.79	23.87	23.83
		8	7	23.84	23.88	23.79
		15	0	23.85	23.91	23.84
	16QAM	1	0	23.85	23.88	23.82
		1	8	23.82	23.91	23.81
		1	14	23.86	23.89	23.79
		8	0	23.12	22.97	22.81
		8	4	23.05	22.94	22.86
		8	7	23.00	22.90	22.88
		15	0	22.99	22.90	22.93
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19225	19575	19925
5MHz	QPSK	1	0	24.72	24.72	24.73
		1	13	24.72	24.76	24.77
		1	24	24.68	24.76	24.75

		12	0	23.88	23.85	23.79	
		12	6	23.87	23.86	23.77	
		12	13	23.90	23.82	23.76	
		25	0	23.89	23.85	23.76	
	16QAM	1	0	23.92	23.82	23.76	
		1	13	23.96	23.83	23.75	
		1	24	23.91	23.83	23.71	
		12	0	23.09	23.01	22.88	
		12	6	23.12	23.00	22.81	
		12	13	23.15	23.02	22.82	
		25	0	23.19	23.04	22.82	
Bandwidth	Modulation	RB size	RB offset	Channel 19250	Channel 19575	Channel 19900	
10MHz	QPSK	1	0	24.66	24.73	24.71	
		1	25	24.69	24.73	24.75	
		1	49	24.68	24.70	24.72	
		25	0	23.76	23.87	23.82	
		25	12	23.72	23.91	23.83	
		25	25	23.76	23.95	23.81	
		50	0	23.75	23.93	23.85	
	16QAM	1	0	23.79	23.93	23.81	
		1	25	23.78	23.91	23.83	
		1	49	23.80	23.92	23.83	
		25	0	23.05	22.97	22.84	
		25	12	23.06	22.98	22.88	
		25	25	23.01	23.02	22.92	
		50	0	22.99	23.04	22.88	
		25	25	22.02	22.03	21.91	
		50	0	22.01	22.00	21.96	
		Bandwidth	Modulation	RB size	RB offset	Channel 19275	Channel 19575
15MHz	QPSK	1	0	24.72	24.70	24.76	
		1	37	24.73	24.75	24.79	
		1	74	24.69	24.72	24.76	
		36	0	23.88	23.97	23.85	
		36	20	23.92	23.95	23.83	
		36	39	23.91	23.90	23.86	
		75	0	23.93	23.88	23.86	

	16QAM	1	0	23.93	23.87	23.83
		1	37	23.94	23.91	23.83
		1	74	23.99	23.90	23.85
		36	0	23.13	22.99	22.94
		36	20	23.09	23.00	22.92
		36	39	23.11	23.00	22.88
		75	0	23.12	23.04	22.89
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19300	19575	19850
20MHz	QPSK	1	0	24.71	24.75	24.74
		1	50	24.75	24.79	24.78
		1	99	24.70	24.77	24.75
		50	0	23.83	23.78	23.89
		50	25	23.79	23.79	23.93
		50	50	23.80	23.79	23.95
		100	0	23.75	23.78	23.92
	16QAM	1	0	23.78	23.77	23.93
		1	50	23.73	23.79	23.89
		1	99	23.73	23.80	23.91
		50	0	22.86	22.82	22.92
		50	25	22.91	22.83	22.97
		50	50	22.94	22.86	22.92
		100	0	22.96	22.81	22.94

WIFI 2.4G

802.11b AVERAGE CONDUCTED POWER (dBm)		
Channel	Frequency (MHz)	Data Rate (Mbps)
		1
CH 01	2,412	17.83
CH 06	2,442	17.85
CH 11	2,472	17.71

802.11g AVERAGE CONDUCTED POWER (dBm)		
Channel	Frequency (MHz)	Data Rate (Mbps)
		6
CH 01	2,412	15.85
CH 06	2,442	15.82
CH 11	2,472	15.63

802.11n-HT20 AVERAGE CONDUCTED POWER (dBm)		
Channel	Frequency (MHz)	Data Rate
		MCS0
CH 01	2,412	14.81
CH 06	2,442	15.04
CH 11	2,472	14.93

802.11n-HT40 AVERAGE CONDUCTED POWER (dBm)		
Channel	Frequency (MHz)	Data Rate
		MCS0
CH 03	2,422	15.10
CH 07	2,442	15.36
CH 11	2,462	15.27