



LTE Band 18						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23875	23925	23975
Frequency (MHz)				817.5	822.5	827.5
5	QPSK	1	0	22.88	22.99	23.00
5	QPSK	1	12	23.05	23.09	22.96
5	QPSK	1	24	23.05	23.09	23.11
5	QPSK	12	0	22.09	22.13	22.13
5	QPSK	12	7	22.21	22.17	22.17
5	QPSK	12	13	22.25	22.19	22.18
5	QPSK	25	0	22.19	22.16	22.14
5	16QAM	1	0	22.21	22.34	22.21
5	16QAM	1	12	22.12	22.24	22.36
5	16QAM	1	24	22.16	22.19	22.13
5	16QAM	12	0	22.13	22.09	22.08
5	16QAM	12	7	22.15	22.10	22.25
5	16QAM	12	13	22.34	22.14	22.14
5	16QAM	25	0	22.20	22.21	22.09
5	64QAM	1	0	21.21	21.16	21.12
5	64QAM	1	12	21.17	21.19	21.28
5	64QAM	1	24	21.12	21.34	21.16
5	64QAM	12	0	21.26	21.25	21.11
5	64QAM	12	7	21.18	21.17	21.21
5	64QAM	12	13	21.34	21.25	21.20
5	64QAM	25	0	21.09	21.16	21.12



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	24075	/
Frequency (MHz)				/	837.5	/
15	QPSK	1	0	/	23.32	/
15	QPSK	1	37	/	23.22	/
15	QPSK	1	74	/	23.16	/
15	QPSK	36	0	/	22.31	/
15	QPSK	36	20	/	22.28	/
15	QPSK	36	39	/	22.23	/
15	QPSK	75	0	/	22.31	/
15	16QAM	1	0	/	22.29	/
15	16QAM	1	37	/	22.20	/
15	16QAM	1	74	/	22.31	/
15	16QAM	36	0	/	22.42	/
15	16QAM	36	20	/	22.22	/
15	16QAM	36	39	/	22.26	/
15	16QAM	75	0	/	22.24	/
15	64QAM	1	0	/	21.51	/
15	64QAM	1	37	/	21.42	/
15	64QAM	1	74	/	21.34	/
15	64QAM	36	0	/	21.55	/
15	64QAM	36	20	/	21.46	/
15	64QAM	36	39	/	21.34	/
15	64QAM	75	0	/	21.22	/



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24050	24075	24100
Frequency (MHz)				835	837.5	840
10	QPSK	1	0	23.12	23.16	22.99
10	QPSK	1	25	23.00	23.11	22.99
10	QPSK	1	49	22.99	22.81	22.92
10	QPSK	25	0	22.16	22.18	22.18
10	QPSK	25	12	22.13	22.23	22.10
10	QPSK	25	25	22.28	22.10	22.19
10	QPSK	50	0	22.18	22.20	22.17
10	16QAM	1	0	22.14	22.25	22.30
10	16QAM	1	25	22.14	22.09	22.20
10	16QAM	1	49	22.18	22.15	22.21
10	16QAM	25	0	22.03	22.17	22.22
10	16QAM	25	12	22.09	21.97	21.98
10	16QAM	25	25	22.07	22.01	22.08
10	16QAM	50	0	21.99	22.10	22.06
10	64QAM	1	0	21.16	21.15	21.26
10	64QAM	1	25	21.24	21.26	21.34
10	64QAM	1	49	21.16	21.34	21.22
10	64QAM	25	0	21.20	21.24	21.15
10	64QAM	25	12	21.27	21.11	21.23
10	64QAM	25	25	21.22	21.14	21.22
10	64QAM	50	0	21.19	21.24	21.12



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24025	24075	24125
Frequency (MHz)				832.5	837.5	842.5
5	QPSK	1	0	23.01	22.93	23.04
5	QPSK	1	12	23.10	23.07	23.07
5	QPSK	1	24	23.16	23.11	23.01
5	QPSK	12	0	22.07	22.10	22.10
5	QPSK	12	7	22.22	22.21	22.25
5	QPSK	12	13	22.21	22.23	22.13
5	QPSK	25	0	22.15	22.17	22.09
5	16QAM	1	0	22.02	22.09	22.24
5	16QAM	1	12	22.22	22.22	22.14
5	16QAM	1	24	22.17	22.25	22.25
5	16QAM	12	0	21.93	21.96	22.03
5	16QAM	12	7	22.12	22.14	22.06
5	16QAM	12	13	22.07	22.06	22.11
5	16QAM	25	0	21.96	22.07	22.00
5	64QAM	1	0	21.20	21.22	21.17
5	64QAM	1	12	21.13	21.34	21.24
5	64QAM	1	24	21.26	21.24	21.36
5	64QAM	12	0	21.03	21.12	21.22
5	64QAM	12	7	21.17	21.22	21.19
5	64QAM	12	13	21.26	21.13	21.06
5	64QAM	25	0	21.14	21.16	20.97



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	22.88	23.15	23.11
15	QPSK	1	37	22.81	22.77	22.84
15	QPSK	1	74	22.91	22.87	22.64
15	QPSK	36	0	22.16	22.24	22.18
15	QPSK	36	20	22.13	22.05	22.03
15	QPSK	36	39	22.12	21.99	21.99
15	QPSK	75	0	21.91	22.02	22.01
15	16QAM	1	0	22.11	22.14	22.13
15	16QAM	1	37	22.10	22.06	21.94
15	16QAM	1	74	22.06	22.36	22.00
15	16QAM	36	0	21.02	21.17	21.06
15	16QAM	36	20	21.15	21.12	21.15
15	16QAM	36	39	21.22	21.25	21.02
15	16QAM	75	0	21.00	21.02	21.01
15	64QAM	1	0	21.24	21.32	21.14
15	64QAM	1	37	21.12	21.14	21.13
15	64QAM	1	74	21.22	21.11	21.16
15	64QAM	36	0	21.42	21.04	21.15
15	64QAM	36	20	21.22	20.97	21.01
15	64QAM	36	39	21.00	21.03	21.04
15	64QAM	75	0	21.02	21.10	21.15



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	22.87	22.99	22.99
10	QPSK	1	25	22.95	22.68	22.88
10	QPSK	1	49	22.71	22.89	22.92
10	QPSK	25	0	21.93	22.01	22.10
10	QPSK	25	12	22.00	21.99	22.08
10	QPSK	25	25	21.92	22.08	22.06
10	QPSK	50	0	21.99	21.96	22.06
10	16QAM	1	0	22.06	22.42	22.21
10	16QAM	1	25	22.12	22.27	22.15
10	16QAM	1	49	22.22	22.04	22.05
10	16QAM	25	0	21.65	21.62	21.55
10	16QAM	25	12	21.66	21.55	21.67
10	16QAM	25	25	21.63	21.62	21.66
10	16QAM	50	0	21.00	21.04	21.06
10	64QAM	1	0	21.26	21.24	21.16
10	64QAM	1	25	21.22	21.12	21.25
10	64QAM	1	49	21.23	21.22	21.22
10	64QAM	25	0	21.05	21.11	21.18
10	64QAM	25	12	21.22	21.01	21.11
10	64QAM	25	25	21.01	21.12	21.02
10	64QAM	50	0	20.92	21.03	21.03



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	22.53	22.67	22.77
5	QPSK	1	12	22.83	22.77	23.02
5	QPSK	1	24	22.80	22.81	22.93
5	QPSK	12	0	21.72	21.83	21.83
5	QPSK	12	7	21.83	21.91	21.91
5	QPSK	12	13	21.90	21.97	22.00
5	QPSK	25	0	21.78	21.88	21.91
5	16QAM	1	0	22.26	21.97	22.18
5	16QAM	1	12	21.96	22.24	22.03
5	16QAM	1	24	21.96	22.04	21.85
5	16QAM	12	0	21.24	21.29	21.38
5	16QAM	12	7	21.46	21.44	21.43
5	16QAM	12	13	21.42	21.49	21.53
5	16QAM	25	0	21.39	21.42	21.42
5	64QAM	1	0	21.22	21.33	21.12
5	64QAM	1	12	21.39	21.23	21.09
5	64QAM	1	24	21.19	21.22	21.19
5	64QAM	12	0	21.13	21.03	21.13
5	64QAM	12	7	21.21	21.20	21.23
5	64QAM	12	13	21.21	21.16	21.14
5	64QAM	25	0	21.11	21.26	21.21



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.57	22.73	22.78
3	QPSK	1	8	22.73	22.82	22.78
3	QPSK	1	14	22.77	22.82	22.87
3	QPSK	8	0	22.08	22.20	22.23
3	QPSK	8	4	22.14	22.26	22.30
3	QPSK	8	7	22.10	22.20	22.24
3	QPSK	15	0	21.76	21.82	21.83
3	16QAM	1	0	21.95	22.22	22.29
3	16QAM	1	8	22.20	22.25	22.36
3	16QAM	1	14	22.22	22.23	22.31
3	16QAM	8	0	21.21	21.27	21.15
3	16QAM	8	4	21.22	21.32	21.27
3	16QAM	8	7	21.08	21.19	21.28
3	16QAM	15	0	21.17	21.24	21.22
3	64QAM	1	0	21.48	21.45	21.57
3	64QAM	1	8	21.49	21.56	21.56
3	64QAM	1	14	21.56	21.50	21.49
3	64QAM	8	0	21.47	21.15	21.27
3	64QAM	8	4	21.11	21.26	21.19
3	64QAM	8	7	21.16	21.22	21.26
3	64QAM	15	0	21.16	21.08	21.25



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.56	22.72	22.77
1.4	QPSK	1	3	22.72	22.81	22.77
1.4	QPSK	1	5	22.76	22.81	22.86
1.4	QPSK	3	0	22.07	22.19	22.22
1.4	QPSK	3	1	22.13	22.25	22.29
1.4	QPSK	3	3	22.09	22.19	22.23
1.4	QPSK	6	0	22.06	22.12	22.13
1.4	16QAM	1	0	22.04	22.21	22.28
1.4	16QAM	1	3	22.19	22.24	22.35
1.4	16QAM	1	5	22.21	22.22	22.30
1.4	16QAM	3	0	21.20	21.26	21.14
1.4	16QAM	3	1	21.21	21.31	21.26
1.4	16QAM	3	3	21.07	21.18	21.27
1.4	16QAM	6	0	21.16	21.23	21.21
1.4	64QAM	1	0	20.89	21.22	20.91
1.4	64QAM	1	3	20.96	21.13	20.96
1.4	64QAM	1	5	21.49	21.10	20.92
1.4	64QAM	3	0	20.89	21.02	21.26
1.4	64QAM	3	1	21.10	21.25	21.18
1.4	64QAM	3	3	21.15	21.21	20.87
1.4	64QAM	6	0	21.15	21.07	21.24



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	22.61	22.77	22.72
20	QPSK	1	49	22.60	22.67	22.65
20	QPSK	1	99	22.56	22.54	22.54
20	QPSK	50	0	21.48	21.54	21.41
20	QPSK	50	24	21.44	21.51	21.51
20	QPSK	50	50	21.51	21.36	21.35
20	QPSK	100	0	21.48	21.58	21.54
20	16QAM	1	0	21.59	21.68	21.59
20	16QAM	1	49	21.55	21.54	21.68
20	16QAM	1	99	21.65	21.61	21.57
20	16QAM	50	0	21.19	21.12	21.29
20	16QAM	50	24	21.22	21.22	21.22
20	16QAM	50	50	21.26	21.19	21.18
20	16QAM	100	0	21.00	21.16	21.01
20	64QAM	1	0	20.90	20.90	21.01
20	64QAM	1	49	21.02	21.02	20.94
20	64QAM	1	99	20.90	20.87	21.01
20	64QAM	50	0	20.81	20.84	20.80
20	64QAM	50	24	20.79	20.84	20.85
20	64QAM	50	50	20.76	20.86	20.71
20	64QAM	100	0	20.88	20.88	20.80



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	22.63	22.72	22.71
15	QPSK	1	37	22.73	22.65	22.74
15	QPSK	1	74	22.56	22.59	22.64
15	QPSK	36	0	21.49	21.49	21.45
15	QPSK	36	20	21.51	21.55	21.55
15	QPSK	36	39	21.35	21.58	21.49
15	QPSK	75	0	21.47	21.60	21.50
15	16QAM	1	0	21.59	21.66	21.58
15	16QAM	1	37	21.69	21.53	21.58
15	16QAM	1	74	21.55	21.48	21.52
15	16QAM	36	0	21.22	21.11	21.33
15	16QAM	36	20	21.32	21.31	21.37
15	16QAM	36	39	21.33	21.39	21.36
15	16QAM	75	0	21.34	21.42	21.23
15	64QAM	1	0	20.64	20.58	20.66
15	64QAM	1	37	20.89	20.62	20.72
15	64QAM	1	74	20.99	20.69	20.89
15	64QAM	36	0	20.84	20.98	20.88
15	64QAM	36	20	20.86	20.93	20.88
15	64QAM	36	39	20.96	20.96	20.83
15	64QAM	75	0	20.89	20.85	20.87



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	22.40	22.60	22.44
10	QPSK	1	25	22.35	22.47	22.45
10	QPSK	1	49	22.33	22.48	22.46
10	QPSK	25	0	21.34	21.48	21.35
10	QPSK	25	12	21.35	21.41	21.35
10	QPSK	25	25	21.36	21.46	21.39
10	QPSK	50	0	21.35	21.40	21.36
10	16QAM	1	0	21.31	21.47	21.44
10	16QAM	1	25	21.37	21.54	21.41
10	16QAM	1	49	21.34	21.42	21.46
10	16QAM	25	0	21.18	21.19	21.27
10	16QAM	25	12	21.17	21.17	21.14
10	16QAM	25	25	21.17	21.23	21.23
10	16QAM	50	0	20.92	20.66	20.67
10	64QAM	1	0	20.65	20.64	20.54
10	64QAM	1	25	20.55	20.24	20.57
10	64QAM	1	49	20.55	20.56	20.62
10	64QAM	25	0	20.62	20.72	20.59
10	64QAM	25	12	20.74	20.70	20.65
10	64QAM	25	25	20.65	20.65	20.68
10	64QAM	50	0	20.68	20.73	20.74



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	22.25	22.55	22.47
5	QPSK	1	12	22.42	22.67	22.55
5	QPSK	1	24	22.49	22.56	22.44
5	QPSK	12	0	21.28	21.34	21.33
5	QPSK	12	7	21.37	21.52	21.43
5	QPSK	12	13	21.33	21.41	21.43
5	QPSK	25	0	21.40	21.29	21.26
5	16QAM	1	0	21.36	21.47	21.40
5	16QAM	1	12	21.51	21.64	21.47
5	16QAM	1	24	21.45	21.50	21.46
5	16QAM	12	0	21.03	21.02	21.06
5	16QAM	12	7	21.08	21.14	21.16
5	16QAM	12	13	21.07	21.11	21.11
5	16QAM	25	0	21.02	21.02	21.05
5	64QAM	1	0	20.65	20.63	20.58
5	64QAM	1	12	20.66	20.72	20.69
5	64QAM	1	24	20.59	20.59	20.66
5	64QAM	12	0	20.60	20.59	20.73
5	64QAM	12	7	20.66	20.78	20.74
5	64QAM	12	13	20.70	20.80	20.73
5	64QAM	25	0	20.68	20.64	20.63



LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	38750	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	22.79	/
10	QPSK	1	25	/	22.73	/
10	QPSK	1	49	/	22.55	/
10	QPSK	25	0	/	21.91	/
10	QPSK	25	12	/	21.81	/
10	QPSK	25	25	/	21.82	/
10	QPSK	50	0	/	21.84	/
10	16QAM	1	0	/	21.72	/
10	16QAM	1	25	/	21.90	/
10	16QAM	1	49	/	21.76	/
10	16QAM	25	0	/	20.93	/
10	16QAM	25	12	/	20.91	/
10	16QAM	25	25	/	20.86	/
10	16QAM	50	0	/	20.94	/
10	64QAM	1	0	/	20.62	/
10	64QAM	1	25	/	20.63	/
10	64QAM	1	49	/	20.82	/
10	64QAM	25	0	/	20.76	/
10	64QAM	25	12	/	20.72	/
10	64QAM	25	25	/	20.69	/
10	64QAM	50	0	/	20.59	/



LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				38725	38750	38775
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	22.66	22.73	22.75
5	QPSK	1	12	22.67	22.78	22.66
5	QPSK	1	24	22.63	22.71	22.70
5	QPSK	12	0	21.86	21.93	21.90
5	QPSK	12	7	21.93	22.01	22.07
5	QPSK	12	13	21.87	21.96	22.02
5	QPSK	25	0	21.93	21.96	21.99
5	16QAM	1	0	22.01	22.13	22.05
5	16QAM	1	12	22.00	22.06	22.13
5	16QAM	1	24	21.83	21.93	21.94
5	16QAM	12	0	20.95	21.02	21.01
5	16QAM	12	7	20.98	21.05	21.02
5	16QAM	12	13	20.99	21.05	21.06
5	16QAM	25	0	21.07	20.98	21.06
5	64QAM	1	0	20.86	20.88	20.67
5	64QAM	1	12	20.77	20.88	20.69
5	64QAM	1	24	20.88	20.62	20.67
5	64QAM	12	0	20.93	20.69	20.68
5	64QAM	12	7	20.93	20.99	20.98
5	64QAM	12	13	20.93	20.94	20.92
5	64QAM	25	0	20.98	21.01	20.99



LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	39200	/
Frequency (MHz)				/	2355	/
10	QPSK	1	0	/	22.75	/
10	QPSK	1	25	/	22.66	/
10	QPSK	1	49	/	22.69	/
10	QPSK	25	0	/	21.88	/
10	QPSK	25	12	/	21.85	/
10	QPSK	25	25	/	21.77	/
10	QPSK	50	0	/	21.85	/
10	16QAM	1	0	/	21.62	/
10	16QAM	1	25	/	21.66	/
10	16QAM	1	49	/	21.76	/
10	16QAM	25	0	/	20.66	/
10	16QAM	25	12	/	20.88	/
10	16QAM	25	25	/	20.76	/
10	16QAM	50	0	/	20.62	/
10	64QAM	1	0	/	20.81	/
10	64QAM	1	25	/	20.64	/
10	64QAM	1	49	/	20.69	/
10	64QAM	25	0	/	20.83	/
10	64QAM	25	12	/	20.66	/
10	64QAM	25	25	/	20.67	/
10	64QAM	50	0	/	20.65	/



LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39175	39200	39225
Frequency (MHz)				2352.5	2355	2357.5
5	QPSK	1	0	22.83	22.80	22.86
5	QPSK	1	12	22.84	22.75	22.88
5	QPSK	1	24	22.60	22.76	22.75
5	QPSK	12	0	21.92	22.05	22.09
5	QPSK	12	7	21.99	21.97	22.02
5	QPSK	12	13	21.93	21.94	22.01
5	QPSK	25	0	21.94	21.95	22.00
5	16QAM	1	0	22.03	22.05	22.12
5	16QAM	1	12	22.08	22.06	22.03
5	16QAM	1	24	21.93	21.99	21.97
5	16QAM	12	0	20.66	20.86	20.67
5	16QAM	12	7	20.64	20.85	20.71
5	16QAM	12	13	20.96	20.99	20.69
5	16QAM	25	0	20.74	20.85	20.89
5	64QAM	1	0	20.89	20.97	20.85
5	64QAM	1	12	20.99	20.89	20.82
5	64QAM	1	24	20.62	20.96	20.99
5	64QAM	12	0	20.64	20.75	20.68
5	64QAM	12	7	20.68	20.48	20.67
5	64QAM	12	13	20.68	20.55	20.96
5	64QAM	25	0	20.94	20.92	20.67



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.77	23.12	23.09
20	QPSK	1	49	22.79	22.76	22.84
20	QPSK	1	99	22.70	22.86	22.63
20	QPSK	50	0	22.12	22.24	22.08
20	QPSK	50	24	22.22	22.04	22.02
20	QPSK	50	50	22.12	21.98	21.98
20	QPSK	100	0	21.90	22.01	22.00
20	16QAM	1	0	22.10	22.13	22.12
20	16QAM	1	49	22.09	22.05	21.93
20	16QAM	1	99	22.05	22.35	21.99
20	16QAM	50	0	21.01	20.96	21.05
20	16QAM	50	24	21.24	21.11	21.32
20	16QAM	50	50	21.33	21.34	21.22
20	16QAM	100	0	21.22	21.16	21.34
20	64QAM	1	0	21.35	21.39	21.26
20	64QAM	1	49	21.22	21.22	21.22
20	64QAM	1	99	21.22	21.36	21.42
20	64QAM	50	0	20.97	21.03	21.03
20	64QAM	50	24	20.95	20.96	21.00
20	64QAM	50	50	20.99	21.02	21.03
20	64QAM	100	0	21.01	21.09	21.14



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.86	22.98	22.98
15	QPSK	1	37	22.94	22.67	22.87
15	QPSK	1	74	22.70	22.88	22.91
15	QPSK	36	0	21.92	22.00	22.09
15	QPSK	36	20	21.99	21.98	22.07
15	QPSK	36	39	21.91	22.07	22.05
15	QPSK	75	0	21.98	21.95	22.05
15	16QAM	1	0	22.05	22.41	22.20
15	16QAM	1	37	21.94	22.26	22.14
15	16QAM	1	74	21.82	22.03	22.44
15	16QAM	36	0	20.95	21.07	21.12
15	16QAM	36	20	20.90	21.01	21.10
15	16QAM	36	39	21.00	21.12	21.02
15	16QAM	75	0	20.99	21.03	21.05
15	64QAM	1	0	21.22	21.32	21.25
15	64QAM	1	37	21.42	21.52	21.34
15	64QAM	1	74	21.22	21.44	21.26
15	64QAM	36	0	21.16	21.35	21.22
15	64QAM	36	20	21.00	21.11	21.01
15	64QAM	36	39	20.91	21.02	21.02
15	64QAM	75	0	20.84	20.98	20.97



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	22.52	22.66	22.76
10	QPSK	1	25	22.82	22.76	23.01
10	QPSK	1	49	22.79	22.80	22.92
10	QPSK	25	0	21.71	21.82	21.82
10	QPSK	25	12	21.82	21.90	21.90
10	QPSK	25	25	21.89	21.96	21.99
10	QPSK	50	0	21.77	21.87	21.90
10	16QAM	1	0	22.25	21.96	22.08
10	16QAM	1	25	21.89	22.23	22.02
10	16QAM	1	49	21.99	21.83	21.72
10	16QAM	25	0	21.52	21.52	21.66
10	16QAM	25	12	21.53	21.34	21.12
10	16QAM	25	25	21.62	21.26	21.00
10	16QAM	50	0	21.52	21.33	21.12
10	64QAM	1	0	21.32	21.26	21.12
10	64QAM	1	25	21.39	21.33	21.22
10	64QAM	1	49	21.53	21.63	21.52
10	64QAM	25	0	20.81	20.71	20.81
10	64QAM	25	12	20.89	20.88	20.91
10	64QAM	25	25	20.89	20.84	20.82
10	64QAM	50	0	20.79	20.94	20.89



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	22.52	22.66	22.76
5	QPSK	1	12	22.82	22.76	23.01
5	QPSK	1	24	22.79	22.80	22.92
5	QPSK	12	0	21.71	21.82	21.82
5	QPSK	12	7	21.82	21.90	21.90
5	QPSK	12	13	21.89	21.96	21.99
5	QPSK	25	0	21.77	21.87	21.90
5	16QAM	1	0	21.89	21.62	21.86
5	16QAM	1	12	21.95	21.88	22.02
5	16QAM	1	24	21.95	21.83	22.12
5	16QAM	12	0	21.55	21.12	21.22
5	16QAM	12	7	21.16	21.14	21.13
5	16QAM	12	13	21.12	21.19	21.23
5	16QAM	25	0	21.09	21.12	21.12
5	64QAM	1	0	21.12	21.11	21.22
5	64QAM	1	12	21.02	21.09	21.06
5	64QAM	1	24	21.06	20.92	20.99
5	64QAM	12	0	20.81	20.71	20.81
5	64QAM	12	7	20.89	20.88	20.91
5	64QAM	12	13	20.89	20.84	20.82
5	64QAM	25	0	20.79	20.94	20.89



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	22.67	22.79	22.79
3	QPSK	1	8	22.75	22.48	22.68
3	QPSK	1	14	22.51	22.69	22.72
3	QPSK	8	0	21.73	21.81	21.90
3	QPSK	8	4	21.80	21.79	21.88
3	QPSK	8	7	21.72	21.88	21.86
3	QPSK	15	0	21.79	21.76	21.86
3	16QAM	1	0	21.86	22.22	22.01
3	16QAM	1	8	21.75	22.07	21.95
3	16QAM	1	14	21.63	21.84	22.25
3	16QAM	8	0	20.76	20.88	20.93
3	16QAM	8	4	20.71	20.82	20.91
3	16QAM	8	7	20.81	20.93	20.83
3	16QAM	15	0	20.80	20.84	20.86
3	64QAM	1	0	21.03	21.13	21.06
3	64QAM	1	8	21.23	21.33	21.15
3	64QAM	1	14	21.03	21.25	21.07
3	64QAM	8	0	20.97	21.16	21.03
3	64QAM	8	4	20.81	20.92	20.82
3	64QAM	8	7	20.72	20.83	20.83
3	64QAM	15	0	20.65	20.79	20.78



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	22.29	22.43	22.53
1.4	QPSK	1	3	22.59	22.53	22.78
1.4	QPSK	1	5	22.56	22.57	22.69
1.4	QPSK	3	0	22.14	22.25	22.25
1.4	QPSK	3	1	22.25	22.33	22.33
1.4	QPSK	3	3	22.32	22.39	22.42
1.4	QPSK	6	0	21.54	21.64	21.67
1.4	16QAM	1	0	22.02	21.73	21.85
1.4	16QAM	1	3	21.66	22.00	21.79
1.4	16QAM	1	5	21.76	21.60	21.49
1.4	16QAM	3	0	21.29	21.29	21.43
1.4	16QAM	3	1	21.30	21.11	20.89
1.4	16QAM	3	3	21.39	21.03	20.77
1.4	16QAM	6	0	21.29	21.10	20.89
1.4	64QAM	1	0	21.09	21.03	20.89
1.4	64QAM	1	3	21.16	21.10	20.99
1.4	64QAM	1	5	21.30	21.40	21.29
1.4	64QAM	3	0	20.58	20.48	20.58
1.4	64QAM	3	1	20.66	20.65	20.68
1.4	64QAM	3	3	20.66	20.61	20.59
1.4	64QAM	6	0	20.56	20.71	20.66

**Effective Radiated Power and Effective Isotropic Radiated Power:**

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.58	0.181	22.85	0.193	22.81	0.191
20	QPSK	1	49	22.51	0.178	22.47	0.177	22.54	0.179
20	QPSK	1	99	22.61	0.182	22.57	0.181	22.34	0.171
20	QPSK	50	0	21.86	0.153	21.94	0.156	21.88	0.154
20	QPSK	50	24	21.83	0.152	21.75	0.150	21.73	0.149
20	QPSK	50	50	21.82	0.152	21.69	0.148	21.69	0.148
20	QPSK	100	0	21.61	0.145	21.72	0.149	21.71	0.148
20	16QAM	1	0	21.81	0.152	21.84	0.153	21.83	0.152
20	16QAM	1	49	21.80	0.151	21.76	0.150	21.64	0.146
20	16QAM	1	99	21.76	0.150	22.06	0.161	21.70	0.148
20	16QAM	50	0	20.72	0.118	20.87	0.122	20.76	0.119
20	16QAM	50	24	20.85	0.122	20.82	0.121	20.85	0.122
20	16QAM	50	50	20.92	0.124	20.95	0.124	20.72	0.118
20	16QAM	100	0	20.70	0.117	20.72	0.118	20.71	0.118
20	64QAM	1	0	20.94	0.124	21.02	0.126	20.84	0.121
20	64QAM	1	49	20.82	0.121	20.84	0.121	20.83	0.121
20	64QAM	1	99	20.92	0.124	20.81	0.121	20.86	0.122
20	64QAM	50	0	21.12	0.129	20.74	0.119	20.85	0.122
20	64QAM	50	24	20.92	0.124	20.67	0.117	20.71	0.118
20	64QAM	50	50	20.70	0.117	20.73	0.118	20.74	0.119
20	64QAM	100	0	20.72	0.118	20.80	0.120	20.85	0.122



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.19	0.166	22.22	0.167	22.13	0.163
15	QPSK	1	37	21.98	0.158	22.34	0.171	22.22	0.167
15	QPSK	1	74	22.35	0.172	22.27	0.169	22.35	0.172
15	QPSK	36	0	21.31	0.135	21.40	0.138	21.39	0.138
15	QPSK	36	20	21.30	0.135	21.49	0.141	21.46	0.140
15	QPSK	36	39	21.42	0.139	21.43	0.139	21.40	0.138
15	QPSK	75	0	21.34	0.136	21.40	0.138	21.36	0.137
15	16QAM	1	0	21.43	0.139	21.51	0.142	21.45	0.140
15	16QAM	1	37	21.56	0.143	21.59	0.144	21.45	0.140
15	16QAM	1	74	21.51	0.142	21.63	0.146	21.63	0.146
15	16QAM	36	0	21.30	0.135	21.35	0.136	21.38	0.137
15	16QAM	36	20	21.39	0.138	21.32	0.136	21.45	0.140
15	16QAM	36	39	21.44	0.139	21.53	0.142	21.50	0.141
15	16QAM	75	0	21.31	0.135	21.33	0.136	21.42	0.139
15	64QAM	1	0	20.51	0.112	20.27	0.106	20.33	0.108
15	64QAM	1	37	20.50	0.112	20.31	0.107	20.73	0.118
15	64QAM	1	74	20.39	0.109	20.43	0.110	20.58	0.114
15	64QAM	36	0	20.24	0.106	20.41	0.110	20.29	0.107
15	64QAM	36	20	20.44	0.111	20.46	0.111	20.36	0.109
15	64QAM	36	39	20.32	0.108	20.37	0.109	20.46	0.111
15	64QAM	75	0	20.31	0.107	20.38	0.109	20.37	0.109



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.04	0.160	22.03	0.160	22.13	0.163
10	QPSK	1	25	22.15	0.164	22.25	0.168	22.13	0.163
10	QPSK	1	49	22.04	0.160	22.12	0.163	22.04	0.160
10	QPSK	25	0	21.30	0.135	21.31	0.135	21.27	0.134
10	QPSK	25	12	21.26	0.134	21.38	0.137	21.31	0.135
10	QPSK	25	25	21.17	0.131	21.30	0.135	21.26	0.134
10	QPSK	50	0	21.23	0.133	21.32	0.136	21.30	0.135
10	16QAM	1	0	21.71	0.148	21.64	0.146	21.63	0.146
10	16QAM	1	25	21.40	0.138	21.36	0.137	21.43	0.139
10	16QAM	1	49	21.35	0.136	21.43	0.139	21.22	0.132
10	16QAM	25	0	21.25	0.133	21.24	0.133	20.79	0.120
10	16QAM	25	12	20.87	0.122	20.83	0.121	20.82	0.121
10	16QAM	25	25	20.82	0.121	20.78	0.120	20.77	0.119
10	16QAM	50	0	20.78	0.120	20.71	0.118	20.75	0.119
10	64QAM	1	0	20.29	0.107	20.34	0.108	20.34	0.108
10	64QAM	1	25	20.32	0.108	20.37	0.109	20.41	0.110
10	64QAM	1	49	19.99	0.100	20.12	0.103	20.09	0.102
10	64QAM	25	0	20.29	0.107	20.33	0.108	20.34	0.108
10	64QAM	25	12	20.32	0.108	20.30	0.107	20.31	0.107
10	64QAM	25	25	20.25	0.106	20.03	0.101	20.25	0.106
10	64QAM	50	0	20.26	0.106	20.26	0.106	20.23	0.105



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.18	0.165	22.23	0.167	22.17	0.165
5	QPSK	1	12	22.17	0.165	22.28	0.169	22.15	0.164
5	QPSK	1	24	22.13	0.163	22.29	0.169	22.22	0.167
5	QPSK	12	0	21.29	0.135	21.20	0.132	21.27	0.134
5	QPSK	12	7	21.30	0.135	21.35	0.136	21.27	0.134
5	QPSK	12	13	21.29	0.135	21.28	0.134	21.31	0.135
5	QPSK	25	0	21.28	0.134	21.26	0.134	21.28	0.134
5	16QAM	1	0	21.41	0.138	21.31	0.135	21.69	0.148
5	16QAM	1	12	21.39	0.138	21.32	0.136	21.69	0.148
5	16QAM	1	24	21.42	0.139	21.29	0.135	21.68	0.147
5	16QAM	12	0	21.12	0.129	21.15	0.130	20.92	0.124
5	16QAM	12	7	20.84	0.121	20.86	0.122	20.80	0.120
5	16QAM	12	13	20.87	0.122	20.76	0.119	20.71	0.118
5	16QAM	25	0	20.79	0.120	20.77	0.119	20.75	0.119
5	64QAM	1	0	20.68	0.117	20.23	0.105	20.28	0.107
5	64QAM	1	12	20.67	0.117	20.33	0.108	20.44	0.111
5	64QAM	1	24	20.68	0.117	20.32	0.108	20.34	0.108
5	64QAM	12	0	20.33	0.108	20.26	0.106	20.25	0.106
5	64QAM	12	7	20.39	0.109	20.23	0.105	20.23	0.105
5	64QAM	12	13	20.36	0.109	20.32	0.108	20.30	0.107
5	64QAM	25	0	20.43	0.110	20.23	0.105	20.30	0.107



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.23	0.167	22.01	0.159	22.13	0.163
3	QPSK	1	8	22.16	0.164	22.37	0.173	22.20	0.166
3	QPSK	1	14	22.35	0.172	22.22	0.167	22.22	0.167
3	QPSK	8	0	21.29	0.135	21.24	0.133	21.26	0.134
3	QPSK	8	4	21.35	0.136	21.29	0.135	21.30	0.135
3	QPSK	8	7	21.35	0.136	21.29	0.135	21.25	0.133
3	QPSK	15	0	21.27	0.134	21.35	0.136	21.28	0.134
3	16QAM	1	0	21.43	0.139	21.34	0.136	21.28	0.134
3	16QAM	1	8	21.47	0.140	21.41	0.138	21.37	0.137
3	16QAM	1	14	21.40	0.138	21.37	0.137	21.25	0.133
3	16QAM	8	0	20.83	0.121	20.96	0.125	20.88	0.122
3	16QAM	8	4	20.90	0.123	20.87	0.122	20.93	0.124
3	16QAM	8	7	20.80	0.120	20.85	0.122	20.88	0.122
3	16QAM	15	0	20.83	0.121	20.87	0.122	20.82	0.121
3	64QAM	1	0	20.36	0.109	20.29	0.107	20.32	0.108
3	64QAM	1	8	20.78	0.120	20.77	0.119	20.37	0.109
3	64QAM	1	14	20.39	0.109	20.75	0.119	20.39	0.109
3	64QAM	8	0	20.31	0.107	20.33	0.108	20.17	0.104
3	64QAM	8	4	20.41	0.110	20.31	0.107	20.31	0.107
3	64QAM	8	7	20.51	0.112	20.40	0.110	20.26	0.106
3	64QAM	15	0	20.36	0.109	20.36	0.109	20.34	0.108



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.10	0.162	22.12	0.163	22.08	0.161
1.4	QPSK	1	3	22.20	0.166	22.18	0.165	22.17	0.165
1.4	QPSK	1	5	22.17	0.165	22.15	0.164	22.13	0.163
1.4	QPSK	3	0	22.16	0.164	22.16	0.164	22.12	0.163
1.4	QPSK	3	1	22.20	0.166	22.17	0.165	22.15	0.164
1.4	QPSK	3	3	22.22	0.167	22.26	0.168	22.15	0.164
1.4	QPSK	6	0	21.25	0.133	21.23	0.133	21.22	0.132
1.4	16QAM	1	0	21.28	0.134	21.28	0.134	21.22	0.132
1.4	16QAM	1	3	21.24	0.133	21.44	0.139	21.42	0.139
1.4	16QAM	1	5	21.12	0.129	21.32	0.136	21.00	0.126
1.4	16QAM	3	0	21.14	0.130	21.19	0.132	21.16	0.131
1.4	16QAM	3	1	21.32	0.136	21.14	0.130	21.19	0.132
1.4	16QAM	3	3	21.34	0.136	21.31	0.135	21.05	0.127
1.4	16QAM	6	0	21.35	0.136	21.28	0.134	21.23	0.133
1.4	64QAM	1	0	20.23	0.105	20.15	0.104	20.18	0.104
1.4	64QAM	1	3	20.25	0.106	20.46	0.111	20.34	0.108
1.4	64QAM	1	5	20.23	0.105	20.58	0.114	20.17	0.104
1.4	64QAM	3	0	20.26	0.106	20.32	0.108	20.33	0.108
1.4	64QAM	3	1	20.35	0.108	20.32	0.108	20.06	0.101
1.4	64QAM	3	3	20.27	0.106	20.41	0.110	20.18	0.104
1.4	64QAM	6	0	20.32	0.108	20.35	0.108	20.24	0.106



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.94	0.156	22.06	0.161	22.01	0.159
20	QPSK	1	49	21.80	0.151	21.88	0.154	21.87	0.154
20	QPSK	1	99	21.72	0.149	21.85	0.153	21.97	0.157
20	QPSK	50	0	21.01	0.126	21.14	0.130	21.11	0.129
20	QPSK	50	24	21.01	0.126	21.09	0.129	21.09	0.129
20	QPSK	50	50	20.90	0.123	21.01	0.126	21.02	0.126
20	QPSK	100	0	21.00	0.126	21.04	0.127	21.11	0.129
20	16QAM	1	0	20.87	0.122	20.95	0.124	20.84	0.121
20	16QAM	1	49	21.02	0.126	20.79	0.120	20.93	0.124
20	16QAM	1	99	20.81	0.121	21.03	0.127	20.79	0.120
20	16QAM	50	0	20.68	0.117	20.73	0.118	20.83	0.121
20	16QAM	50	24	20.64	0.116	20.75	0.119	20.64	0.116
20	16QAM	50	50	20.60	0.115	20.61	0.115	20.61	0.115
20	16QAM	100	0	20.62	0.115	20.70	0.117	20.71	0.118
20	64QAM	1	0	19.98	0.100	20.09	0.102	20.31	0.107
20	64QAM	1	49	20.02	0.100	19.95	0.099	19.83	0.096
20	64QAM	1	99	20.29	0.107	19.86	0.097	20.33	0.108
20	64QAM	50	0	19.99	0.100	20.08	0.102	20.03	0.101
20	64QAM	50	24	20.01	0.100	20.12	0.103	20.06	0.101
20	64QAM	50	50	20.05	0.101	20.00	0.100	20.02	0.100
20	64QAM	100	0	20.08	0.102	20.06	0.101	20.15	0.104



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.81	0.152	21.85	0.153	21.95	0.157
15	QPSK	1	37	21.85	0.153	21.94	0.156	21.86	0.153
15	QPSK	1	74	21.72	0.149	21.94	0.156	21.97	0.157
15	QPSK	36	0	20.95	0.124	21.02	0.126	21.05	0.127
15	QPSK	36	20	20.99	0.126	21.12	0.129	21.08	0.128
15	QPSK	36	39	21.04	0.127	21.03	0.127	21.12	0.129
15	QPSK	75	0	20.99	0.126	21.01	0.126	21.02	0.126
15	16QAM	1	0	20.69	0.117	20.91	0.123	20.63	0.116
15	16QAM	1	37	20.77	0.119	20.77	0.119	20.61	0.115
15	16QAM	1	74	20.63	0.116	20.93	0.124	20.72	0.118
15	16QAM	36	0	20.64	0.116	20.66	0.116	20.85	0.122
15	16QAM	36	20	20.59	0.115	20.66	0.116	20.72	0.118
15	16QAM	36	39	20.55	0.114	20.64	0.116	20.70	0.117
15	16QAM	75	0	20.66	0.116	20.67	0.117	20.76	0.119
15	64QAM	1	0	19.85	0.097	20.16	0.104	20.21	0.105
15	64QAM	1	37	20.27	0.106	20.03	0.101	20.09	0.102
15	64QAM	1	74	20.31	0.107	20.02	0.100	20.06	0.101
15	64QAM	36	0	19.96	0.099	20.03	0.101	20.07	0.102
15	64QAM	36	20	20.02	0.100	20.04	0.101	20.06	0.101
15	64QAM	36	39	20.05	0.101	20.01	0.100	20.03	0.101
15	64QAM	75	0	19.98	0.100	20.09	0.102	20.02	0.100



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.73	0.149	21.92	0.156	21.75	0.150
10	QPSK	1	25	21.71	0.148	21.84	0.153	21.85	0.153
10	QPSK	1	49	21.79	0.151	21.62	0.145	21.85	0.153
10	QPSK	25	0	20.78	0.120	21.00	0.126	21.02	0.126
10	QPSK	25	12	20.90	0.123	20.96	0.125	21.00	0.126
10	QPSK	25	25	20.79	0.120	20.90	0.123	20.97	0.125
10	QPSK	50	0	20.85	0.122	20.95	0.124	20.87	0.122
10	16QAM	1	0	20.60	0.115	20.75	0.119	20.51	0.112
10	16QAM	1	25	20.87	0.122	20.61	0.115	20.93	0.124
10	16QAM	1	49	20.94	0.124	20.84	0.121	20.83	0.121
10	16QAM	25	0	20.60	0.115	20.59	0.115	20.58	0.114
10	16QAM	25	12	20.52	0.113	20.62	0.115	20.59	0.115
10	16QAM	25	25	20.86	0.122	20.77	0.119	20.86	0.122
10	16QAM	50	0	20.80	0.120	20.84	0.121	20.96	0.125
10	64QAM	1	0	19.90	0.098	19.98	0.100	19.88	0.097
10	64QAM	1	25	19.97	0.099	20.26	0.106	20.35	0.108
10	64QAM	1	49	19.95	0.099	19.99	0.100	19.94	0.099
10	64QAM	25	0	19.79	0.095	19.93	0.098	19.92	0.098
10	64QAM	25	12	19.88	0.097	19.99	0.100	20.03	0.101
10	64QAM	25	25	19.76	0.095	19.88	0.097	19.90	0.098
10	64QAM	50	0	19.82	0.096	19.89	0.097	19.88	0.097



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.63	0.146	21.85	0.153	21.90	0.155
5	QPSK	1	12	21.69	0.148	21.84	0.153	21.81	0.152
5	QPSK	1	24	21.64	0.146	21.76	0.150	21.75	0.150
5	QPSK	12	0	20.86	0.122	20.86	0.122	20.90	0.123
5	QPSK	12	7	20.86	0.122	20.97	0.125	20.94	0.124
5	QPSK	12	13	20.81	0.121	20.98	0.125	20.90	0.123
5	QPSK	25	0	20.84	0.121	20.88	0.122	20.94	0.124
5	16QAM	1	0	20.50	0.112	20.91	0.123	20.59	0.115
5	16QAM	1	12	20.61	0.115	20.96	0.125	20.55	0.114
5	16QAM	1	24	20.55	0.114	20.90	0.123	20.50	0.112
5	16QAM	12	0	20.54	0.113	20.48	0.112	20.51	0.112
5	16QAM	12	7	20.57	0.114	20.61	0.115	20.59	0.115
5	16QAM	12	13	20.84	0.121	20.91	0.123	20.95	0.124
5	16QAM	25	0	20.85	0.122	20.96	0.125	20.89	0.123
5	64QAM	1	0	19.86	0.097	20.30	0.107	20.28	0.107
5	64QAM	1	12	20.24	0.106	20.00	0.100	20.27	0.106
5	64QAM	1	24	20.20	0.105	19.90	0.098	19.97	0.099
5	64QAM	12	0	19.87	0.097	19.94	0.099	19.96	0.099
5	64QAM	12	7	19.86	0.097	19.95	0.099	20.01	0.100
5	64QAM	12	13	19.87	0.097	19.93	0.098	19.92	0.098
5	64QAM	25	0	19.82	0.096	19.96	0.099	19.87	0.097



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.75	0.150	21.76	0.150	21.88	0.154
3	QPSK	1	8	21.84	0.153	21.98	0.158	21.92	0.156
3	QPSK	1	14	21.64	0.146	21.83	0.152	21.83	0.152
3	QPSK	8	0	20.84	0.121	20.90	0.123	20.91	0.123
3	QPSK	8	4	20.90	0.123	20.98	0.125	21.00	0.126
3	QPSK	8	7	20.86	0.122	20.96	0.125	20.96	0.125
3	QPSK	15	0	20.86	0.122	20.92	0.124	20.86	0.122
3	16QAM	1	0	20.70	0.117	20.79	0.120	20.83	0.121
3	16QAM	1	8	20.92	0.124	20.92	0.124	20.66	0.116
3	16QAM	1	14	20.83	0.121	20.61	0.115	20.69	0.117
3	16QAM	8	0	20.62	0.115	20.63	0.116	20.72	0.118
3	16QAM	8	4	20.72	0.118	20.72	0.118	20.73	0.118
3	16QAM	8	7	20.94	0.124	21.02	0.126	21.06	0.128
3	16QAM	15	0	20.94	0.124	20.92	0.124	20.99	0.126
3	64QAM	1	0	19.85	0.097	19.94	0.099	19.92	0.098
3	64QAM	1	8	20.04	0.101	19.92	0.098	20.08	0.102
3	64QAM	1	14	19.85	0.097	19.92	0.098	19.75	0.094
3	64QAM	8	0	19.83	0.096	19.87	0.097	19.81	0.096
3	64QAM	8	4	19.95	0.099	19.93	0.098	19.97	0.099
3	64QAM	8	7	19.89	0.097	19.96	0.099	20.08	0.102
3	64QAM	15	0	19.85	0.097	19.93	0.098	19.84	0.096



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.50	0.141	21.71	0.148	21.72	0.149
1.4	QPSK	1	3	21.84	0.153	21.84	0.153	21.88	0.154
1.4	QPSK	1	5	21.70	0.148	21.79	0.151	21.81	0.152
1.4	QPSK	3	0	21.78	0.151	21.75	0.150	21.74	0.149
1.4	QPSK	3	1	21.74	0.149	21.84	0.153	21.89	0.155
1.4	QPSK	3	3	21.73	0.149	21.80	0.151	21.79	0.151
1.4	QPSK	6	0	20.62	0.115	20.71	0.118	20.71	0.118
1.4	16QAM	1	0	20.59	0.115	21.06	0.128	20.72	0.118
1.4	16QAM	1	3	20.72	0.118	20.80	0.120	20.84	0.121
1.4	16QAM	1	5	20.78	0.120	20.94	0.124	20.74	0.119
1.4	16QAM	3	0	20.81	0.121	20.85	0.122	20.76	0.119
1.4	16QAM	3	1	20.82	0.121	20.85	0.122	20.87	0.122
1.4	16QAM	3	3	20.81	0.121	20.93	0.124	20.82	0.121
1.4	16QAM	6	0	20.72	0.118	20.73	0.118	20.64	0.116
1.4	64QAM	1	0	19.74	0.094	19.68	0.093	19.82	0.096
1.4	64QAM	1	3	20.00	0.100	19.98	0.100	20.10	0.102
1.4	64QAM	1	5	19.91	0.098	19.87	0.097	19.71	0.094
1.4	64QAM	3	0	19.82	0.096	19.80	0.095	19.99	0.100
1.4	64QAM	3	1	19.73	0.094	19.88	0.097	19.85	0.097
1.4	64QAM	3	3	19.79	0.095	19.96	0.099	19.84	0.096
1.4	64QAM	6	0	19.78	0.095	19.79	0.095	19.86	0.097



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.06	0.101	20.07	0.102	19.88	0.097
10	QPSK	1	25	19.92	0.098	19.95	0.099	19.75	0.094
10	QPSK	1	49	19.84	0.096	19.96	0.099	19.64	0.092
10	QPSK	25	0	19.15	0.082	19.17	0.083	18.98	0.079
10	QPSK	25	12	18.91	0.078	18.93	0.078	18.98	0.079
10	QPSK	25	25	18.91	0.078	19.02	0.080	19.07	0.081
10	QPSK	50	0	18.97	0.079	18.85	0.077	18.99	0.079
10	16QAM	1	0	19.01	0.080	19.20	0.083	18.91	0.078
10	16QAM	1	25	19.24	0.084	19.27	0.085	18.95	0.079
10	16QAM	1	49	19.07	0.081	19.13	0.082	19.20	0.083
10	16QAM	25	0	19.16	0.082	19.17	0.083	18.99	0.079
10	16QAM	25	12	19.10	0.081	19.18	0.083	18.96	0.079
10	16QAM	25	25	19.13	0.082	19.06	0.081	19.09	0.081
10	16QAM	50	0	19.14	0.082	19.05	0.080	18.95	0.079
10	64QAM	1	0	18.10	0.065	18.20	0.066	18.08	0.064
10	64QAM	1	25	18.07	0.064	18.27	0.067	18.07	0.064
10	64QAM	1	49	17.96	0.063	18.18	0.066	18.09	0.064
10	64QAM	25	0	18.07	0.064	18.18	0.066	17.85	0.061
10	64QAM	25	12	18.06	0.064	18.23	0.067	17.94	0.062
10	64QAM	25	25	18.18	0.066	18.07	0.064	17.77	0.060
10	64QAM	50	0	18.14	0.065	18.10	0.065	17.96	0.063



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.01	0.100	19.97	0.099	19.95	0.099
5	QPSK	1	12	19.91	0.098	20.02	0.100	19.86	0.097
5	QPSK	1	24	19.91	0.098	19.86	0.097	19.86	0.097
5	QPSK	12	0	19.06	0.081	19.11	0.081	18.97	0.079
5	QPSK	12	7	19.13	0.082	19.14	0.082	19.06	0.081
5	QPSK	12	13	19.18	0.083	19.02	0.080	18.97	0.079
5	QPSK	25	0	19.09	0.081	19.05	0.080	18.97	0.079
5	16QAM	1	0	19.38	0.087	19.31	0.085	19.07	0.081
5	16QAM	1	12	19.08	0.081	19.30	0.085	19.06	0.081
5	16QAM	1	24	18.95	0.079	19.30	0.085	19.13	0.082
5	16QAM	12	0	19.04	0.080	19.13	0.082	19.12	0.082
5	16QAM	12	7	19.11	0.081	19.14	0.082	18.96	0.079
5	16QAM	12	13	19.11	0.081	19.02	0.080	19.07	0.081
5	16QAM	25	0	19.12	0.082	19.17	0.083	19.12	0.082
5	64QAM	1	0	18.19	0.066	18.07	0.064	18.18	0.066
5	64QAM	1	12	18.07	0.064	18.01	0.063	18.15	0.065
5	64QAM	1	24	18.21	0.066	18.05	0.064	17.99	0.063
5	64QAM	12	0	17.93	0.062	18.07	0.064	17.87	0.061
5	64QAM	12	7	17.97	0.063	18.13	0.065	17.91	0.062
5	64QAM	12	13	18.15	0.065	18.10	0.065	17.67	0.058
5	64QAM	25	0	18.03	0.064	18.10	0.065	17.71	0.059



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.70	0.093	20.01	0.100	19.86	0.097
3	QPSK	1	8	19.96	0.099	19.97	0.099	19.88	0.097
3	QPSK	1	14	19.97	0.099	19.95	0.099	19.69	0.093
3	QPSK	8	0	18.99	0.079	19.12	0.082	19.10	0.081
3	QPSK	8	4	19.13	0.082	19.19	0.083	19.16	0.082
3	QPSK	8	7	19.08	0.081	19.10	0.081	18.97	0.079
3	QPSK	15	0	19.06	0.081	19.12	0.082	19.11	0.081
3	16QAM	1	0	19.08	0.081	19.19	0.083	19.26	0.084
3	16QAM	1	8	19.01	0.080	19.27	0.085	19.11	0.081
3	16QAM	1	14	19.06	0.081	19.32	0.086	19.07	0.081
3	16QAM	8	0	19.02	0.080	19.11	0.081	18.85	0.077
3	16QAM	8	4	19.18	0.083	19.29	0.085	18.86	0.077
3	16QAM	8	7	19.10	0.081	19.16	0.082	18.90	0.078
3	16QAM	15	0	19.04	0.080	19.06	0.081	18.61	0.073
3	64QAM	1	0	17.99	0.063	17.87	0.061	18.08	0.064
3	64QAM	1	8	17.87	0.061	18.11	0.065	17.87	0.061
3	64QAM	1	14	17.89	0.062	18.07	0.064	17.88	0.061
3	64QAM	8	0	17.99	0.063	18.09	0.064	18.07	0.064
3	64QAM	8	4	18.21	0.066	18.05	0.064	17.99	0.063
3	64QAM	8	7	18.16	0.065	18.08	0.064	18.05	0.064
3	64QAM	15	0	18.05	0.064	18.15	0.065	17.95	0.062



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.91	0.098	19.98	0.100	20.02	0.100
1.4	QPSK	1	3	20.04	0.101	19.97	0.099	20.04	0.101
1.4	QPSK	1	5	19.93	0.098	19.87	0.097	19.88	0.097
1.4	QPSK	3	0	19.94	0.099	20.00	0.100	19.96	0.099
1.4	QPSK	3	1	20.00	0.100	19.87	0.097	19.97	0.099
1.4	QPSK	3	3	20.01	0.100	19.93	0.098	19.93	0.098
1.4	QPSK	6	0	19.04	0.080	19.03	0.080	19.02	0.080
1.4	16QAM	1	0	19.17	0.083	18.98	0.079	19.15	0.082
1.4	16QAM	1	3	18.97	0.079	19.21	0.083	19.10	0.081
1.4	16QAM	1	5	19.36	0.086	19.04	0.080	19.10	0.081
1.4	16QAM	3	0	18.89	0.077	18.87	0.077	19.01	0.080
1.4	16QAM	3	1	18.92	0.078	19.19	0.083	19.05	0.080
1.4	16QAM	3	3	19.00	0.079	19.11	0.081	18.99	0.079
1.4	16QAM	6	0	19.19	0.083	19.06	0.081	19.10	0.081
1.4	64QAM	1	0	17.72	0.059	17.89	0.062	17.91	0.062
1.4	64QAM	1	3	18.03	0.064	18.04	0.064	17.99	0.063
1.4	64QAM	1	5	17.98	0.063	17.97	0.063	17.85	0.061
1.4	64QAM	3	0	17.64	0.058	17.91	0.062	17.92	0.062
1.4	64QAM	3	1	17.92	0.062	17.86	0.061	17.87	0.061
1.4	64QAM	3	3	17.82	0.061	17.99	0.063	18.03	0.064
1.4	64QAM	6	0	18.03	0.064	18.15	0.065	18.04	0.064



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.56	0.180	22.57	0.181	22.49	0.177
20	QPSK	1	49	22.51	0.178	22.55	0.180	22.44	0.175
20	QPSK	1	99	22.46	0.176	22.41	0.174	22.46	0.176
20	QPSK	50	0	21.45	0.140	21.82	0.152	21.49	0.141
20	QPSK	50	24	21.51	0.142	21.48	0.141	21.38	0.137
20	QPSK	50	50	21.61	0.145	21.64	0.146	21.61	0.145
20	QPSK	100	0	21.56	0.143	21.58	0.144	21.55	0.143
20	16QAM	1	0	21.37	0.137	21.47	0.140	21.65	0.146
20	16QAM	1	49	21.52	0.142	21.38	0.137	21.66	0.147
20	16QAM	1	99	21.46	0.140	21.77	0.150	21.42	0.139
20	16QAM	50	0	21.31	0.135	21.41	0.138	21.34	0.136
20	16QAM	50	24	21.36	0.137	21.28	0.134	21.39	0.138
20	16QAM	50	50	21.44	0.139	21.49	0.141	21.32	0.136
20	16QAM	100	0	21.32	0.136	21.44	0.139	21.42	0.139
20	64QAM	1	0	20.92	0.124	20.76	0.119	20.49	0.112
20	64QAM	1	49	20.86	0.122	20.83	0.121	20.88	0.122
20	64QAM	1	99	20.84	0.121	20.89	0.123	20.80	0.120
20	64QAM	50	0	20.58	0.114	20.59	0.115	20.64	0.116
20	64QAM	50	24	20.63	0.116	20.64	0.116	20.64	0.116
20	64QAM	50	50	20.67	0.117	20.74	0.119	20.59	0.115
20	64QAM	100	0	20.60	0.115	20.57	0.114	20.69	0.117