

Appendix A

LTE Band 42_3450-3550 MHz												
Maximum Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	Maximum Average Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	EIRP(W)
15.85	42115	3452.5	QPSK	5MHz	1	0	0	0	15.85	2.46	18.31	0.068
15.79	42115	3452.5	QPSK	5MHz	1	12	0	0	15.79	2.46	18.25	0.067
15.73	42115	3452.5	QPSK	5MHz	1	24	0	0	15.73	2.46	18.19	0.066
14.72	42115	3452.5	QPSK	5MHz	12	0	0-1	1	14.72	2.46	17.18	0.052
14.69	42115	3452.5	QPSK	5MHz	12	6	0-1	1	14.69	2.46	17.15	0.052
14.58	42115	3452.5	QPSK	5MHz	12	13	0-1	1	14.58	2.46	17.04	0.051
14.62	42115	3452.5	QPSK	5MHz	25	0	0-1	1	14.62	2.46	17.08	0.051
15.74	42590	3500	QPSK	5MHz	1	0	0	0	15.74	2.46	18.20	0.066
15.48	42590	3500	QPSK	5MHz	1	12	0	0	15.48	2.46	17.94	0.062
15.38	42590	3500	QPSK	5MHz	1	24	0	0	15.38	2.46	17.84	0.061
14.35	42590	3500	QPSK	5MHz	12	0	0-1	1	14.35	2.46	16.81	0.048
14.35	42590	3500	QPSK	5MHz	12	6	0-1	1	14.35	2.46	16.81	0.048
14.35	42590	3500	QPSK	5MHz	12	13	0-1	1	14.35	2.46	16.81	0.048
14.34	42590	3500	QPSK	5MHz	25	0	0-1	1	14.34	2.46	16.80	0.048
15.77	43065	3547.5	QPSK	5MHz	1	0	0	0	15.77	2.46	18.23	0.067
15.75	43065	3547.5	QPSK	5MHz	1	12	0	0	15.75	2.46	18.21	0.066
15.70	43065	3547.5	QPSK	5MHz	1	24	0	0	15.70	2.46	18.16	0.065
14.70	43065	3547.5	QPSK	5MHz	12	0	0-1	1	14.70	2.46	17.16	0.052
14.70	43065	3547.5	QPSK	5MHz	12	6	0-1	1	14.70	2.46	17.16	0.052
14.66	43065	3547.5	QPSK	5MHz	12	13	0-1	1	14.66	2.46	17.12	0.052
14.63	43065	3547.5	QPSK	5MHz	25	0	0-1	1	14.63	2.46	17.09	0.051
14.64	42115	3452.5	16QAM	5MHz	1	0	0-1	1	14.64	2.46	17.10	0.051
14.48	42115	3452.5	16QAM	5MHz	1	12	0-1	1	14.48	2.46	16.94	0.049
14.57	42115	3452.5	16QAM	5MHz	1	24	0-1	1	14.57	2.46	17.03	0.050
13.72	42115	3452.5	16QAM	5MHz	12	0	0-2	2	13.72	2.46	16.18	0.041
13.72	42115	3452.5	16QAM	5MHz	12	6	0-2	2	13.72	2.46	16.18	0.041
13.49	42115	3452.5	16QAM	5MHz	12	13	0-2	2	13.49	2.46	15.95	0.039
13.51	42115	3452.5	16QAM	5MHz	25	0	0-2	2	13.51	2.46	15.97	0.040
14.34	42590	3500	16QAM	5MHz	1	0	0-1	1	14.34	2.46	16.80	0.048
14.27	42590	3500	16QAM	5MHz	1	12	0-1	1	14.27	2.46	16.73	0.047
14.27	42590	3500	16QAM	5MHz	1	24	0-1	1	14.27	2.46	16.73	0.047
13.40	42590	3500	16QAM	5MHz	12	0	0-2	2	13.40	2.46	15.86	0.039
13.35	42590	3500	16QAM	5MHz	12	6	0-2	2	13.35	2.46	15.81	0.038
13.30	42590	3500	16QAM	5MHz	12	13	0-2	2	13.30	2.46	15.76	0.038
13.25	42590	3500	16QAM	5MHz	25	0	0-2	2	13.25	2.46	15.71	0.037
14.34	43065	3547.5	16QAM	5MHz	1	0	0-1	1	14.34	2.46	16.80	0.048
14.27	43065	3547.5	16QAM	5MHz	1	12	0-1	1	14.27	2.46	16.73	0.047
14.27	43065	3547.5	16QAM	5MHz	1	24	0-1	1	14.27	2.46	16.73	0.047
13.40	43065	3547.5	16QAM	5MHz	12	0	0-2	2	13.40	2.46	15.86	0.039
13.35	43065	3547.5	16QAM	5MHz	12	6	0-2	2	13.35	2.46	15.81	0.038
13.30	43065	3547.5	16QAM	5MHz	12	11	0-2	2	13.30	2.46	15.76	0.038
13.25	43065	3547.5	16QAM	5MHz	25	0	0-2	2	13.25	2.46	15.71	0.037
13.56	42115	3452.5	64QAM	5MHz	1	0	0-2	2	13.56	2.46	16.02	0.040
13.51	42115	3452.5	64QAM	5MHz	1	12	0-2	2	13.51	2.46	15.97	0.040
13.67	42115	3452.5	64QAM	5MHz	1	24	0-2	2	13.67	2.46	16.13	0.041
12.61	42115	3452.5	64QAM	5MHz	12	0	0-3	3	12.61	2.46	15.07	0.032
12.61	42115	3452.5	64QAM	5MHz	12	6	0-3	3	12.61	2.46	15.07	0.032
12.66	42115	3452.5	64QAM	5MHz	12	13	0-3	3	12.66	2.46	15.12	0.033
12.42	42115	3452.5	64QAM	5MHz	25	0	0-3	3	12.42	2.46	14.88	0.031
13.38	42590	3500	64QAM	5MHz	1	0	0-2	2	13.38	2.46	15.84	0.038
13.32	42590	3500	64QAM	5MHz	1	12	0-2	2	13.32	2.46	15.78	0.038
13.46	42590	3500	64QAM	5MHz	1	24	0-2	2	13.46	2.46	15.92	0.039
12.35	42590	3500	64QAM	5MHz	12	0	0-3	3	12.35	2.46	14.81	0.030
12.38	42590	3500	64QAM	5MHz	12	6	0-3	3	12.38	2.46	14.84	0.030
12.42	42590	3500	64QAM	5MHz	12	13	0-3	3	12.42	2.46	14.88	0.031
12.23	42590	3500	64QAM	5MHz	25	0	0-3	3	12.23	2.46	14.69	0.029
13.24	43065	3547.5	64QAM	5MHz	1	0	0-2	2	13.24	2.46	15.70	0.037
13.34	43065	3547.5	64QAM	5MHz	1	12	0-2	2	13.34	2.46	15.80	0.038
13.49	43065	3547.5	64QAM	5MHz	1	24	0-2	2	13.49	2.46	15.95	0.039
12.37	43065	3547.5	64QAM	5MHz	12	0	0-3	3	12.37	2.46	14.83	0.030
12.49	43065	3547.5	64QAM	5MHz	12	6	0-3	3	12.49	2.46	14.95	0.031
12.26	43065	3547.5	64QAM	5MHz	12	11	0-3	3	12.26	2.46	14.72	0.030
12.24	43065	3547.5	64QAM	5MHz	25	0	0-3	3	12.24	2.46	14.70	0.030

LTE Band 42_3450-3550 MHz												
Maximum Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	Maximum Average Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	EIRP(W)
15.82	42140	3455	QPSK	10MHz	1	0	0	0	15.82	2.46	18.28	0.067
15.81	42140	3455	QPSK	10MHz	1	24	0	0	15.81	2.46	18.27	0.067
15.65	42140	3455	QPSK	10MHz	1	49	0	0	15.65	2.46	18.11	0.065
14.74	42140	3455	QPSK	10MHz	25	0	0-1	1	14.74	2.46	17.20	0.052
14.71	42140	3455	QPSK	10MHz	25	12	0-1	1	14.71	2.46	17.17	0.052
14.61	42140	3455	QPSK	10MHz	25	25	0-1	1	14.61	2.46	17.07	0.051
14.62	42140	3455	QPSK	10MHz	50	0	0-1	1	14.62	2.46	17.08	0.051
15.72	42590	3500	QPSK	10MHz	1	0	0	0	15.72	2.46	18.18	0.066
15.50	42590	3500	QPSK	10MHz	1	24	0	0	15.50	2.46	17.96	0.063
15.47	42590	3500	QPSK	10MHz	1	49	0	0	15.47	2.46	17.93	0.062
14.38	42590	3500	QPSK	10MHz	25	0	0-1	1	14.38	2.46	16.84	0.048
14.37	42590	3500	QPSK	10MHz	25	12	0-1	1	14.37	2.46	16.83	0.048
14.43	42590	3500	QPSK	10MHz	25	25	0-1	1	14.43	2.46	16.89	0.049
14.39	42590	3500	QPSK	10MHz	50	0	0-1	1	14.39	2.46	16.85	0.048
15.85	43040	3545	QPSK	10MHz	1	0	0	0	15.85	2.46	18.31	0.068
15.83	43040	3545	QPSK	10MHz	1	24	0	0	15.83	2.46	18.29	0.067
15.72	43040	3545	QPSK	10MHz	1	49	0	0	15.72	2.46	18.18	0.066
14.70	43040	3545	QPSK	10MHz	25	0	0-1	1	14.70	2.46	17.16	0.052
14.71	43040	3545	QPSK	10MHz	25	12	0-1	1	14.71	2.46	17.17	0.052
14.68	43040	3545	QPSK	10MHz	25	25	0-1	1	14.68	2.46	17.14	0.052
14.61	43040	3545	QPSK	10MHz	50	0	0-1	1	14.61	2.46	17.07	0.051
14.60	42140	3455	16QAM	10MHz	1	0	0-1	1	14.60	2.46	17.06	0.051
14.54	42140	3455	16QAM	10MHz	1	24	0-1	1	14.54	2.46	17.00	0.050
14.61	42140	3455	16QAM	10MHz	1	49	0-1	1	14.61	2.46	17.07	0.051
13.64	42140	3455	16QAM	10MHz	25	0	0-2	2	13.64	2.46	16.10	0.041
13.65	42140	3455	16QAM	10MHz	25	12	0-2	2	13.65	2.46	16.11	0.041
13.46	42140	3455	16QAM	10MHz	25	25	0-2	2	13.46	2.46	15.92	0.039
13.61	42140	3455	16QAM	10MHz	50	0	0-2	2	13.61	2.46	16.07	0.040
14.34	42590	3500	16QAM	10MHz	1	0	0-1	1	14.34	2.46	16.80	0.048
14.27	42590	3500	16QAM	10MHz	1	24	0-1	1	14.27	2.46	16.73	0.047
14.23	42590	3500	16QAM	10MHz	1	49	0-1	1	14.23	2.46	16.69	0.047
13.34	42590	3500	16QAM	10MHz	25	0	0-2	2	13.34	2.46	15.80	0.038
13.43	42590	3500	16QAM	10MHz	25	12	0-2	2	13.43	2.46	15.89	0.039
13.35	42590	3500	16QAM	10MHz	25	25	0-2	2	13.35	2.46	15.81	0.038
13.32	42590	3500	16QAM	10MHz	50	0	0-2	2	13.32	2.46	15.78	0.038
13.32	43040	3545	16QAM	10MHz	1	0	0-1	1	13.32	2.46	15.78	0.038
13.35	43040	3545	16QAM	10MHz	1	24	0-1	1	13.35	2.46	15.81	0.039
13.32	43040	3545	16QAM	10MHz	1	49	0-1	1	13.32	2.46	15.78	0.038
12.60	42140	3455	64QAM	10MHz	25	0	0-3	3	12.60	2.46	15.06	0.032
12.66	42140	3455	64QAM	10MHz	25	12	0-3	3	12.66	2.46	15.12	0.033
12.58	42140	3455	64QAM	10MHz	25	25	0-3	3	12.58	2.46	15.04	0.032
12.47	42140	3455	64QAM	10MHz	50	0	0-3	3	12.47	2.46	14.93	0.031
13.32	42590	3500	64QAM	10MHz	1	0	0-2	2	13.32	2.46	15.78	0.038
13.27	42590	3500	64QAM	10MHz	1	24	0-2	2	13.27	2.46	15.73	0.037
13.47	42590	3500	64QAM	10MHz	1	49	0-2	2	13.47	2.46	15.93	0.039
12.35	42590	3500	64QAM	10MHz	25	0	0-3	3	12.35	2.46	14.81	0.030
12.39	42590	3500	64QAM	10MHz	25	12	0-3	3	12.39	2.46	14.85	0.031
12.35	42590	3500	64QAM	10MHz	25	25	0-3	3	12.35	2.46	14.81	0.030
12.29	42590	3500	64QAM	10MHz	50	0	0-3	3	12.29	2.46	14.75	0.030
13.26	43040	3545	64QAM	10MHz	1	0	0-2	2	13.26	2.46	15.72	0.037
13.35	43040	3545	64QAM	10MHz	1	24	0-2	2	13.35	2.46	15.81	0.038
13.47	43040	3545	64QAM	10MHz	1	49	0-2	2	13.47	2.46	15.93	0.039
12.37	43040	3545	64QAM	10MHz	25	0	0-3	3	12.37	2.46	14.83	0.030
12.46	43040	3545	64QAM	10MHz	25	12	0-3	3	12.46	2.46	14.92	0.031
12.31	43040	3545	64QAM	10MHz	25	25	0-3	3	12.31	2.46	14.77	0.030
12.17	43040	3545	64QAM	10MHz	50	0	0-3	3	12.17	2.46	14.63	0.029

LTE Band 42_3450-3550 MHz												
Maximum Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	Maximum Average Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	EIRP(W)
15.79	42165	3457.5	QPSK	15MHz	1	0	0	0	15.79	2.46	18.25	0.067
15.72	42165	3457.5	QPSK	15MHz	1	37	0	0	15.72	2.46	18.18	0.066
15.69	42165	3457.5	QPSK	15MHz	1	74	0	0	15.69	2.46	18.15	0.065
14.72	42165	3457.5	QPSK	15MHz	36	0	0-1	1	14.72	2.46	17.18	0.052
14.76	42165	3457.5	QPSK	15MHz	36	19	0-1	1	14.76	2.46	17.22	0.053
14.60	42165	3457.5	QPSK	15MHz	36	39	0-1	1	14.60	2.46	17.06	0.051
14.63	42165	3457.5	QPSK	15MHz	75	0	0-1	1	14.63	2.46	17.09	0.051
15.66	42590	3500	QPSK	15MHz	1	0	0	0	15.66	2.46	18.12	0.065
15.50	42590	3500	QPSK	15MHz	1	37	0	0	15.50	2.46	17.96	0.063
15.42	42590	3500	QPSK	15MHz	1	74	0	0	15.42	2.46	17.88	0.061
14.37	42590	3500	QPSK	15MHz	36	0	0-1	1	14.37	2.46	16.83	0.048
14.36	42590	3500	QPSK	15MHz	36	19	0-1	1	14.36	2.46	16.82	0.048
14.34	42590	3500	QPSK	15MHz	36	39	0-1	1	14.34	2.46	16.80	0.048
14.42	42590	3500	QPSK	15MHz	75	0	0-1	1	14.42	2.46	16.88	0.049
15.81	43015	3542.5	QPSK	15MHz	1	0	0	0	15.81	2.46	18.27	0.067
15.76	43015	3542.5	QPSK	15MHz	1	37	0	0	15.76	2.46	18.22	0.066
15.65	43015	3542.5	QPSK	15MHz	1	74	0	0	15.65	2.46	18.11	0.065
14.78	43015	3542.5	QPSK	15MHz	36	0	0-1	1	14.78	2.46	17.24	0.053
14.67	43015	3542.5	QPSK	15MHz	36	19	0-1	1	14.67	2.46	17.13	0.052
14.66	43015	3542.5	QPSK	15MHz	36	39	0-1	1	14.66	2.46	17.12	0.052
14.65	43015	3542.5	QPSK	15MHz	75	0	0-1	1	14.65	2.46	17.11	0.051
14.65	42165	3457.5	16QAM	15MHz	1	0	0-1	1	14.65	2.46	17.11	0.051
14.51	42165	3457.5	16QAM	15MHz	1	37	0-1	1	14.51	2.46	16.97	0.050
14.51	42165	3457.5	16QAM	15MHz	1	74	0-1	1	14.51	2.46	16.97	0.050
13.70	42165	3457.5	16QAM	15MHz	36	0	0-2	2	13.70	2.46	16.16	0.041
13.68	42165	3457.5	16QAM	15MHz	36	19	0-2	2	13.68	2.46	16.14	0.041
13.54	42165	3457.5	16QAM	15MHz	36	39	0-2	2	13.54	2.46	16.00	0.040
13.52	42165	3457.5	16QAM	15MHz	75	0	0-2	2	13.52	2.46	15.98	0.040
14.34	42590	3500	16QAM	15MHz	1	0	0-1	1	14.34	2.46	16.80	0.048
14.25	42590	3500	16QAM	15MHz	1	37	0-1	1	14.25	2.46	16.71	0.047
14.32	42590	3500	16QAM	15MHz	1	74	0-1	1	14.32	2.46	16.78	0.048
13.39	42590	3500	16QAM	15MHz	36	0	0-2	2	13.39	2.46	15.85	0.038
13.43	42590	3500	16QAM	15MHz	36	19	0-2	2	13.43	2.46	15.89	0.039
13.35	42590	3500	16QAM	15MHz	36	39	0-2	2	13.35	2.46	15.81	0.038
13.30	42590	3500	16QAM	15MHz	75	0	0-2	2	13.30	2.46	15.76	0.038
13.30	43015	3542.5	16QAM	15MHz	1	0	0-1	1	13.30	2.46	15.76	0.038
14.34	43015	3542.5	16QAM	15MHz	1	37	0-1	1	14.34	2.46	16.80	0.048
14.25	43015	3542.5	16QAM	15MHz	1	74	0-1	1	14.25	2.46	16.71	0.047
14.32	43015	3542.5	16QAM	15MHz	1	0	0-1	1	14.32	2.46	16.78	0.048
13.39	43015	3542.5	16QAM	15MHz	36	0	0-2	2	13.39	2.46	15.85	0.038
13.43	43015	3542.5	16QAM	15MHz	36	19	0-2	2	13.43	2.46	15.89	0.039
13.35	43015	3542.5	16QAM	15MHz	36	39	0-2	2	13.35	2.46	15.81	0.038
13.30	43015	3542.5	16QAM	15MHz	75	0	0-2	2	13.30	2.46	15.76	0.038
13.49	42165	3457.5	64QAM	15MHz	1	0	0-2	2	13.49	2.46	15.95	0.039
13.59	42165	3457.5	64QAM	15MHz	1	37	0-2	2	13.59	2.46	16.05	0.040
13.75	42165	3457.5	64QAM	15MHz	1	74	0-2	2	13.75	2.46	16.21	0.042
12.61	42165	3457.5	64QAM	15MHz	36	0	0-3	3	12.61	2.46	15.07	0.032
12.61	42165	3457.5	64QAM	15MHz	36	19	0-3	3	12.61	2.46	15.07	0.032
12.65	42165	3457.5	64QAM	15MHz	36	39	0-3	3	12.65	2.46	15.11	0.032
12.45	42165	3457.5	64QAM	15MHz	75	0	0-3	3	12.45	2.46	14.91	0.031
13.31	42590	3500	64QAM	15MHz	1	0	0-2	2	13.31	2.46	15.77	0.038
13.27	42590	3500	64QAM	15MHz	1	37	0-2	2	13.27	2.46	15.73	0.037
13.44	42590	3500	64QAM	15MHz	1	74	0-2	2	13.44	2.46	15.90	0.039
12.29	42590	3500	64QAM	15MHz	36	0	0-3	3	12.29	2.46	14.75	0.030
12.37	42590	3500	64QAM	15MHz	36	19	0-3	3	12.37	2.46	14.83	0.030
12.39	42590	3500	64QAM	15MHz	36	39	0-3	3	12.39	2.46	14.85	0.031
12.28	42590	3500	64QAM	15MHz	75	0	0-3	3	12.28	2.46	14.74	0.030
13.30	43015	3542.5	64QAM	15MHz	1	0	0-2	2	13.30	2.46	15.76	0.038
13.32	43015	3542.5	64QAM	15MHz	1	37	0-2	2	13.32	2.46	15.78	0.038
13.54	43015	3542.5	64QAM	15MHz	1	74	0-2	2	13.54	2.46	16.00	0.040
12.40	43015	3542.5	64QAM	15MHz	36	0	0-3	3	12.40	2.46	14.86	0.031
12.40	43015	3542.5	64QAM	15MHz	36	19	0-3	3	12.40	2.46	14.86	0.031
12.26	43015	3542.5	64QAM	15MHz	36	39	0-3	3	12.26	2.46	14.72	0.030
12.25	43015	3542.5	64QAM	15MHz	75	0	0-3	3	12.25	2.46	14.71	0.030

LTE Band 42_3450-3550 MHz												
Maximum Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	Maximum Average Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	EIRP(W)
15.85	42190	3460	QPSK	20MHz	1	0	0	0	15.85	2.46	18.31	0.068
15.81	42190	3460	QPSK	20MHz	1	49	0	0	15.81	2.46	18.27	0.067
15.75	42190	3460	QPSK	20MHz	1	99	0	0	15.75	2.46	18.21	0.066
14.77	42190	3460	QPSK	20MHz	50	0	0-1	1	14.77	2.46	17.23	0.053
14.76	42190	3460	QPSK	20MHz	50	25	0-1	1	14.76	2.46	17.22	0.053
14.65	42190	3460	QPSK	20MHz	50	50	0-1	1	14.65	2.46	17.11	0.051
14.63	42190	3460	QPSK	20MHz	100	0	0-1	1	14.63	2.46	17.09	0.051
15.74	42590	3500	QPSK	20MHz	1	0	0	0	15.74	2.46	18.20	0.066
15.58	42590	3500	QPSK	20MHz	1	49	0	0	15.58	2.46	18.04	0.064
15.47	42590	3500	QPSK	20MHz	1	99	0	0	15.47	2.46	17.93	0.062
14.45	42590	3500	QPSK	20MHz	50	0	0-1	1	14.45	2.46	16.91	0.049
14.45	42590	3500	QPSK	20MHz	50	25	0-1	1	14.45	2.46	16.91	0.049
14.44	42590	3500	QPSK	20MHz	50	50	0-1	1	14.44	2.46	16.90	0.049
14.42	42590	3500	QPSK	20MHz	100	0	0-1	1	14.42	2.46	16.88	0.049
15.86	42990	3540	QPSK	20MHz	1	0	0	0	15.86	2.46	18.32	0.068
15.82	42990	3540	QPSK	20MHz	1	49	0	0	15.82	2.46	18.28	0.067
15.70	42990	3540	QPSK	20MHz	1	99	0	0	15.70	2.46	18.16	0.065
14.76	42990	3540	QPSK	20MHz	50	0	0-1	1	14.76	2.46	17.22	0.053
14.67	42990	3540	QPSK	20MHz	50	25	0-1	1	14.67	2.46	17.13	0.052
14.63	42990	3540	QPSK	20MHz	50	50	0-1	1	14.63	2.46	17.09	0.051
14.70	42990	3540	QPSK	20MHz	100	0	0-1	1	14.70	2.46	17.16	0.052
14.68	42190	3460	16QAM	20MHz	1	0	0-1	1	14.68	2.46	17.14	0.052
14.57	42190	3460	16QAM	20MHz	1	49	0-1	1	14.57	2.46	17.03	0.050
14.61	42190	3460	16QAM	20MHz	1	99	0-1	1	14.61	2.46	17.07	0.051
13.74	42190	3460	16QAM	20MHz	50	0	0-2	2	13.74	2.46	16.20	0.042
13.74	42190	3460	16QAM	20MHz	50	25	0-2	2	13.74	2.46	16.20	0.042
13.54	42190	3460	16QAM	20MHz	50	50	0-2	2	13.54	2.46	16.00	0.040
13.61	42190	3460	16QAM	20MHz	100	0	0-2	2	13.61	2.46	16.07	0.040
14.44	42590	3500	16QAM	20MHz	1	0	0-1	1	14.44	2.46	16.90	0.049
14.29	42590	3500	16QAM	20MHz	1	49	0-1	1	14.29	2.46	16.75	0.047
14.33	42590	3500	16QAM	20MHz	1	99	0-1	1	14.33	2.46	16.79	0.048
13.43	42590	3500	16QAM	20MHz	50	0	0-2	2	13.43	2.46	15.89	0.039
13.43	42590	3500	16QAM	20MHz	50	25	0-2	2	13.43	2.46	15.89	0.039
13.37	42590	3500	16QAM	20MHz	50	50	0-2	2	13.37	2.46	15.83	0.038
13.34	42590	3500	16QAM	20MHz	100	0	0-2	2	13.34	2.46	15.80	0.038
14.44	42990	3540	16QAM	20MHz	1	0	0-1	1	14.44	2.46	16.90	0.049
14.29	42990	3540	16QAM	20MHz	1	49	0-1	1	14.29	2.46	16.75	0.047
14.33	42990	3540	16QAM	20MHz	1	99	0-1	1	14.33	2.46	16.79	0.048
13.43	42990	3540	16QAM	20MHz	50	0	0-2	2	13.43	2.46	15.89	0.039
13.43	42990	3540	16QAM	20MHz	50	25	0-2	2	13.43	2.46	15.89	0.039
13.37	42990	3540	16QAM	20MHz	50	50	0-2	2	13.37	2.46	15.83	0.038
13.34	42990	3540	16QAM	20MHz	100	0	0-2	2	13.34	2.46	15.80	0.038
13.56	42190	3460	64QAM	20MHz	1	0	0-2	2	13.56	2.46	16.02	0.040
13.59	42190	3460	64QAM	20MHz	1	49	0-2	2	13.59	2.46	16.05	0.040
13.75	42190	3460	64QAM	20MHz	1	99	0-2	2	13.75	2.46	16.21	0.042
12.64	42190	3460	64QAM	20MHz	50	0	0-3	3	12.64	2.46	15.10	0.032
12.68	42190	3460	64QAM	20MHz	50	25	0-3	3	12.68	2.46	15.14	0.033
12.68	42190	3460	64QAM	20MHz	50	50	0-3	3	12.68	2.46	15.14	0.033
12.49	42190	3460	64QAM	20MHz	100	0	0-3	3	12.49	2.46	14.95	0.031
13.39	42590	3500	64QAM	20MHz	1	0	0-2	2	13.39	2.46	15.85	0.038
13.35	42590	3500	64QAM	20MHz	1	49	0-2	2	13.35	2.46	15.81	0.038
13.49	42590	3500	64QAM	20MHz	1	99	0-2	2	13.49	2.46	15.95	0.039
12.36	42590	3500	64QAM	20MHz	50	0	0-3	3	12.36	2.46	14.82	0.030
12.42	42590	3500	64QAM	20MHz	50	25	0-3	3	12.42	2.46	14.88	0.031
12.43	42590	3500	64QAM	20MHz	50	50	0-3	3	12.43	2.46	14.89	0.031
12.30	42590	3500	64QAM	20MHz	100	0	0-3	3	12.30	2.46	14.76	0.030
13.31	42990	3540	64QAM	20MHz	1	0	0-2	2	13.31	2.46	15.77	0.038
13.39	42990	3540	64QAM	20MHz	1	49	0-2	2	13.39	2.46	15.85	0.038
13.55	42990	3540	64QAM	20MHz	1	99	0-2	2	13.55	2.46	16.01	0.040
12.41	42990	3540	64QAM	20MHz	50	0	0-3	3	12.41	2.46	14.87	0.031
12.50	42990	3540	64QAM	20MHz	50	25	0-3	3	12.50	2.46	14.96	0.031
12.35	42990	3540	64QAM	20MHz	50	50	0-3	3	12.35	2.46	14.81	0.030
12.26	42990	3540	64QAM	20MHz	100	0	0-3	3	12.26	2.46	14.72	0.030

LTE Band 42_3550-3600 MHz												
Maximum Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	Maximum Average Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	EIRP(W)
15.56	43115	3552.5	QPSK	5MHz	1	0	0	0	15.56	2.46	18.02	0.063
15.46	43115	3552.5	QPSK	5MHz	1	12	0	0	15.46	2.46	17.92	0.062
15.50	43115	3552.5	QPSK	5MHz	1	24	0	0	15.50	2.46	17.96	0.063
14.46	43115	3552.5	QPSK	5MHz	12	0	0-1	1	14.46	2.46	16.92	0.049
14.45	43115	3552.5	QPSK	5MHz	12	6	0-1	1	14.45	2.46	16.91	0.049
14.46	43115	3552.5	QPSK	5MHz	12	13	0-1	1	14.46	2.46	16.92	0.049
14.40	43115	3552.5	QPSK	5MHz	25	0	0-1	1	14.40	2.46	16.86	0.049
15.53	43340	3575	QPSK	5MHz	1	0	0	0	15.53	2.46	17.99	0.063
15.55	43340	3575	QPSK	5MHz	1	12	0	0	15.55	2.46	18.01	0.063
15.48	43340	3575	QPSK	5MHz	1	24	0	0	15.48	2.46	17.94	0.062
14.45	43340	3575	QPSK	5MHz	12	0	0-1	1	14.45	2.46	16.91	0.049
14.42	43340	3575	QPSK	5MHz	12	6	0-1	1	14.42	2.46	16.88	0.049
14.48	43340	3575	QPSK	5MHz	12	13	0-1	1	14.48	2.46	16.94	0.049
14.37	43340	3575	QPSK	5MHz	25	0	0-1	1	14.37	2.46	16.83	0.048
15.77	43565	3597.5	QPSK	5MHz	1	0	0	0	15.77	2.46	18.23	0.067
15.75	43565	3597.5	QPSK	5MHz	1	12	0	0	15.75	2.46	18.21	0.066
15.70	43565	3597.5	QPSK	5MHz	1	24	0	0	15.70	2.46	18.16	0.065
14.70	43565	3597.5	QPSK	5MHz	12	0	0-1	1	14.70	2.46	17.16	0.052
14.70	43565	3597.5	QPSK	5MHz	12	6	0-1	1	14.70	2.46	17.16	0.052
14.66	43565	3597.5	QPSK	5MHz	12	13	0-1	1	14.66	2.46	17.12	0.052
14.63	43565	3597.5	QPSK	5MHz	25	0	0-1	1	14.63	2.46	17.09	0.051
14.44	43115	3552.5	16QAM	5MHz	1	0	0-1	1	14.44	2.46	16.90	0.049
14.36	43115	3552.5	16QAM	5MHz	1	12	0-1	1	14.36	2.46	16.82	0.048
14.31	43115	3552.5	16QAM	5MHz	1	24	0-1	1	14.31	2.46	16.77	0.048
13.51	43115	3552.5	16QAM	5MHz	12	0	0-2	2	13.51	2.46	15.97	0.040
13.51	43115	3552.5	16QAM	5MHz	12	6	0-2	2	13.51	2.46	15.97	0.040
13.34	43115	3552.5	16QAM	5MHz	12	13	0-2	2	13.34	2.46	15.80	0.038
13.34	43115	3552.5	16QAM	5MHz	25	0	0-2	2	13.34	2.46	15.80	0.038
14.42	43340	3575	16QAM	5MHz	1	0	0-1	1	14.42	2.46	16.88	0.049
14.28	43340	3575	16QAM	5MHz	1	12	0-1	1	14.28	2.46	16.74	0.047
14.32	43340	3575	16QAM	5MHz	1	24	0-1	1	14.32	2.46	16.78	0.048
13.41	43340	3575	16QAM	5MHz	12	0	0-2	2	13.41	2.46	15.87	0.039
13.42	43340	3575	16QAM	5MHz	12	6	0-2	2	13.42	2.46	15.88	0.039
13.30	43340	3575	16QAM	5MHz	12	13	0-2	2	13.30	2.46	15.76	0.038
13.33	43340	3575	16QAM	5MHz	25	0	0-2	2	13.33	2.46	15.79	0.038
14.74	43565	3597.5	16QAM	5MHz	1	0	0-1	1	14.74	2.46	17.20	0.052
14.55	43565	3597.5	16QAM	5MHz	1	12	0-1	1	14.55	2.46	17.01	0.050
14.60	43565	3597.5	16QAM	5MHz	1	24	0-1	1	14.60	2.46	17.06	0.051
13.70	43565	3597.5	16QAM	5MHz	12	0	0-2	2	13.70	2.46	16.16	0.041
13.67	43565	3597.5	16QAM	5MHz	12	6	0-2	2	13.67	2.46	16.13	0.041
13.59	43565	3597.5	16QAM	5MHz	12	11	0-2	2	13.59	2.46	16.05	0.040
13.55	43565	3597.5	16QAM	5MHz	25	0	0-2	2	13.55	2.46	16.01	0.040
13.32	43115	3552.5	64QAM	5MHz	1	0	0-2	2	13.32	2.46	15.78	0.038
13.40	43115	3552.5	64QAM	5MHz	1	12	0-2	2	13.40	2.46	15.86	0.039
13.57	43115	3552.5	64QAM	5MHz	1	24	0-2	2	13.57	2.46	16.03	0.040
12.46	43115	3552.5	64QAM	5MHz	12	0	0-3	3	12.46	2.46	14.92	0.031
12.47	43115	3552.5	64QAM	5MHz	12	6	0-3	3	12.47	2.46	14.93	0.031
12.39	43115	3552.5	64QAM	5MHz	12	13	0-3	3	12.39	2.46	14.85	0.031
12.27	43115	3552.5	64QAM	5MHz	25	0	0-3	3	12.27	2.46	14.73	0.030
13.30	43340	3575	64QAM	5MHz	1	0	0-2	2	13.30	2.46	15.76	0.038
13.43	43340	3575	64QAM	5MHz	1	12	0-2	2	13.43	2.46	15.89	0.039
13.51	43340	3575	64QAM	5MHz	1	24	0-2	2	13.51	2.46	15.97	0.040
12.35	43340	3575	64QAM	5MHz	12	0	0-3	3	12.35	2.46	14.81	0.030
12.47	43340	3575	64QAM	5MHz	12	6	0-3	3	12.47	2.46	14.93	0.031
12.36	43340	3575	64QAM	5MHz	12	13	0-3	3	12.36	2.46	14.82	0.030
12.28	43340	3575	64QAM	5MHz	25	0	0-3	3	12.28	2.46	14.74	0.030
13.63	43565	3597.5	64QAM	5MHz	1	0	0-2	2	13.63	2.46	16.09	0.041
13.68	43565	3597.5	64QAM	5MHz	1	12	0-2	2	13.68	2.46	16.14	0.041
13.76	43565	3597.5	64QAM	5MHz	1	24	0-2	2	13.76	2.46	16.22	0.042
12.68	43565	3597.5	64QAM	5MHz	12	0	0-3	3	12.68	2.46	15.14	0.033
12.74	43565	3597.5	64QAM	5MHz	12	6	0-3	3	12.74	2.46	15.20	0.033
12.70	43565	3597.5	64QAM	5MHz	12	11	0-3	3	12.70	2.46	15.16	0.033
12.48	43565	3597.5	64QAM	5MHz	25	0	0-3	3	12.48	2.46	14.94	0.031

LTE Band 42_3550-3600 MHz												
Maximum Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	Maximum Average Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	EIRP(W)
15.55	43140	3555	QPSK	10MHz	1	0	0	0	15.55	2.46	18.01	0.063
15.43	43140	3555	QPSK	10MHz	1	24	0	0	15.43	2.46	17.89	0.062
15.44	43140	3555	QPSK	10MHz	1	49	0	0	15.44	2.46	17.90	0.062
14.56	43140	3555	QPSK	10MHz	25	0	0-1	1	14.56	2.46	17.02	0.050
14.51	43140	3555	QPSK	10MHz	25	12	0-1	1	14.51	2.46	16.97	0.050
14.40	43140	3555	QPSK	10MHz	25	25	0-1	1	14.40	2.46	16.86	0.049
14.41	43140	3555	QPSK	10MHz	50	0	0-1	1	14.41	2.46	16.87	0.049
15.57	43340	3575	QPSK	10MHz	1	0	0	0	15.57	2.46	18.03	0.064
15.57	43340	3575	QPSK	10MHz	1	24	0	0	15.57	2.46	18.03	0.064
15.49	43340	3575	QPSK	10MHz	1	49	0	0	15.49	2.46	17.95	0.062
14.52	43340	3575	QPSK	10MHz	25	0	0-1	1	14.52	2.46	16.98	0.050
14.51	43340	3575	QPSK	10MHz	25	12	0-1	1	14.51	2.46	16.97	0.050
14.41	43340	3575	QPSK	10MHz	25	25	0-1	1	14.41	2.46	16.87	0.049
14.41	43340	3575	QPSK	10MHz	50	0	0-1	1	14.41	2.46	16.87	0.049
15.85	43540	3595	QPSK	10MHz	1	0	0	0	15.85	2.46	18.31	0.068
15.83	43540	3595	QPSK	10MHz	1	24	0	0	15.83	2.46	18.29	0.067
15.72	43540	3595	QPSK	10MHz	1	49	0	0	15.72	2.46	18.18	0.066
14.70	43540	3595	QPSK	10MHz	25	0	0-1	1	14.70	2.46	17.16	0.052
14.71	43540	3595	QPSK	10MHz	25	12	0-1	1	14.71	2.46	17.17	0.052
14.68	43540	3595	QPSK	10MHz	25	25	0-1	1	14.68	2.46	17.14	0.052
14.61	43540	3595	QPSK	10MHz	50	0	0-1	1	14.61	2.46	17.07	0.051
14.50	43140	3555	16QAM	10MHz	1	0	0-1	1	14.50	2.46	16.96	0.050
14.29	43140	3555	16QAM	10MHz	1	24	0-1	1	14.29	2.46	16.75	0.047
14.38	43140	3555	16QAM	10MHz	1	49	0-1	1	14.38	2.46	16.84	0.048
13.42	43140	3555	16QAM	10MHz	25	0	0-2	2	13.42	2.46	15.88	0.039
13.47	43140	3555	16QAM	10MHz	25	12	0-2	2	13.47	2.46	15.93	0.039
13.34	43140	3555	16QAM	10MHz	25	25	0-2	2	13.34	2.46	15.80	0.038
13.36	43140	3555	16QAM	10MHz	50	0	0-2	2	13.36	2.46	15.82	0.038
14.45	43340	3575	16QAM	10MHz	1	0	0-1	1	14.45	2.46	16.91	0.049
14.36	43340	3575	16QAM	10MHz	1	24	0-1	1	14.36	2.46	16.82	0.048
14.32	43340	3575	16QAM	10MHz	1	49	0-1	1	14.32	2.46	16.78	0.048
13.40	43340	3575	16QAM	10MHz	25	0	0-2	2	13.40	2.46	15.86	0.039
13.49	43340	3575	16QAM	10MHz	25	12	0-2	2	13.49	2.46	15.95	0.039
13.38	43340	3575	16QAM	10MHz	25	25	0-2	2	13.38	2.46	15.84	0.038
13.32	43340	3575	16QAM	10MHz	50	0	0-2	2	13.32	2.46	15.78	0.038
14.65	43540	3595	16QAM	10MHz	1	0	0-1	1	14.65	2.46	17.11	0.051
14.56	43540	3595	16QAM	10MHz	1	24	0-1	1	14.56	2.46	17.02	0.050
14.54	43540	3595	16QAM	10MHz	1	49	0-1	1	14.54	2.46	17.00	0.050
13.69	43540	3595	16QAM	10MHz	25	0	0-2	2	13.69	2.46	16.15	0.041
13.68	43540	3595	16QAM	10MHz	25	12	0-2	2	13.68	2.46	16.14	0.041
13.63	43540	3595	16QAM	10MHz	25	25	0-2	2	13.63	2.46	16.09	0.041
13.61	43540	3595	16QAM	10MHz	50	0	0-2	2	13.61	2.46	16.07	0.040
13.37	43140	3555	64QAM	10MHz	1	0	0-2	2	13.37	2.46	15.83	0.038
13.40	43140	3555	64QAM	10MHz	1	24	0-2	2	13.40	2.46	15.86	0.039
13.52	43140	3555	64QAM	10MHz	1	49	0-2	2	13.52	2.46	15.98	0.040
12.44	43140	3555	64QAM	10MHz	25	0	0-3	3	12.44	2.46	14.90	0.031
12.46	43140	3555	64QAM	10MHz	25	12	0-3	3	12.46	2.46	14.92	0.031
12.47	43140	3555	64QAM	10MHz	25	25	0-3	3	12.47	2.46	14.93	0.031
12.24	43140	3555	64QAM	10MHz	50	0	0-3	3	12.24	2.46	14.70	0.030
13.30	43340	3575	64QAM	10MHz	1	0	0-2	2	13.30	2.46	15.76	0.038
13.39	43340	3575	64QAM	10MHz	1	24	0-2	2	13.39	2.46	15.85	0.038
13.52	43340	3575	64QAM	10MHz	1	49	0-2	2	13.52	2.46	15.98	0.040
12.35	43340	3575	64QAM	10MHz	25	0	0-3	3	12.35	2.46	14.81	0.030
12.42	43340	3575	64QAM	10MHz	25	12	0-3	3	12.42	2.46	14.88	0.031
12.40	43340	3575	64QAM	10MHz	25	25	0-3	3	12.40	2.46	14.86	0.031
12.25	43340	3575	64QAM	10MHz	50	0	0-3	3	12.25	2.46	14.71	0.030
13.57	43540	3595	64QAM	10MHz	1	0	0-2	2	13.57	2.46	16.03	0.040
13.63	43540	3595	64QAM	10MHz	1	24	0-2	2	13.63	2.46	16.09	0.041
13.77	43540	3595	64QAM	10MHz	1	49	0-2	2	13.77	2.46	16.23	0.042
12.61	43540	3595	64QAM	10MHz	25	0	0-3	3	12.61	2.46	15.07	0.032
12.67	43540	3595	64QAM	10MHz	25	12	0-3	3	12.67	2.46	15.13	0.033
12.69	43540	3595	64QAM	10MHz	25	25	0-3	3	12.69	2.46	15.15	0.033
12.55	43540	3595	64QAM	10MHz	50	0	0-3	3	12.55	2.46	15.01	0.032

LTE Band 42_3550-3600 MHz												
Maximum Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	Maximum Average Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	EIRP(W)
15.56	43165	3557.5	QPSK	15MHz	1	0	0	0	15.56	2.46	18.02	0.063
15.48	43165	3557.5	QPSK	15MHz	1	37	0	0	15.48	2.46	17.94	0.062
15.51	43165	3557.5	QPSK	15MHz	1	74	0	0	15.51	2.46	17.97	0.063
14.56	43165	3557.5	QPSK	15MHz	36	0	0-1	1	14.56	2.46	17.02	0.050
14.45	43165	3557.5	QPSK	15MHz	36	19	0-1	1	14.45	2.46	16.91	0.049
14.48	43165	3557.5	QPSK	15MHz	36	39	0-1	1	14.48	2.46	16.94	0.049
14.38	43165	3557.5	QPSK	15MHz	75	0	0-1	1	14.38	2.46	16.84	0.048
15.61	43340	3575	QPSK	15MHz	1	0	0	0	15.61	2.46	18.07	0.064
15.55	43340	3575	QPSK	15MHz	1	37	0	0	15.55	2.46	18.01	0.063
15.44	43340	3575	QPSK	15MHz	1	74	0	0	15.44	2.46	17.90	0.062
14.53	43340	3575	QPSK	15MHz	36	0	0-1	1	14.53	2.46	16.99	0.050
14.45	43340	3575	QPSK	15MHz	36	19	0-1	1	14.45	2.46	16.91	0.049
14.45	43340	3575	QPSK	15MHz	36	39	0-1	1	14.45	2.46	16.91	0.049
14.38	43340	3575	QPSK	15MHz	75	0	0-1	1	14.38	2.46	16.84	0.048
15.81	43515	3592.5	QPSK	15MHz	1	0	0	0	15.81	2.46	18.27	0.067
15.76	43515	3592.5	QPSK	15MHz	1	37	0	0	15.76	2.46	18.22	0.066
15.65	43515	3592.5	QPSK	15MHz	1	74	0	0	15.65	2.46	18.11	0.065
14.78	43515	3592.5	QPSK	15MHz	36	0	0-1	1	14.78	2.46	17.24	0.053
14.67	43515	3592.5	QPSK	15MHz	36	19	0-1	1	14.67	2.46	17.13	0.052
14.66	43515	3592.5	QPSK	15MHz	36	39	0-1	1	14.66	2.46	17.12	0.052
14.65	43515	3592.5	QPSK	15MHz	75	0	0-1	1	14.65	2.46	17.11	0.051
14.46	43165	3557.5	16QAM	15MHz	1	0	0-1	1	14.46	2.46	16.92	0.049
14.38	43165	3557.5	16QAM	15MHz	1	37	0-1	1	14.38	2.46	16.84	0.048
14.38	43165	3557.5	16QAM	15MHz	1	74	0-1	1	14.38	2.46	16.84	0.048
13.45	43165	3557.5	16QAM	15MHz	36	0	0-2	2	13.45	2.46	15.91	0.039
13.50	43165	3557.5	16QAM	15MHz	36	19	0-2	2	13.50	2.46	15.96	0.039
13.35	43165	3557.5	16QAM	15MHz	36	39	0-2	2	13.35	2.46	15.81	0.038
13.32	43165	3557.5	16QAM	15MHz	75	0	0-2	2	13.32	2.46	15.78	0.038
14.42	43340	3575	16QAM	15MHz	1	0	0-1	1	14.42	2.46	16.88	0.049
14.31	43340	3575	16QAM	15MHz	1	37	0-1	1	14.31	2.46	16.77	0.048
14.38	43340	3575	16QAM	15MHz	1	74	0-1	1	14.38	2.46	16.84	0.048
13.43	43340	3575	16QAM	15MHz	36	0	0-2	2	13.43	2.46	15.89	0.039
13.50	43340	3575	16QAM	15MHz	36	19	0-2	2	13.50	2.46	15.96	0.039
13.30	43340	3575	16QAM	15MHz	36	39	0-2	2	13.30	2.46	15.76	0.038
13.33	43340	3575	16QAM	15MHz	75	0	0-2	2	13.33	2.46	15.79	0.038
14.69	43515	3592.5	16QAM	15MHz	1	0	0-1	1	14.69	2.46	17.15	0.052
14.55	43515	3592.5	16QAM	15MHz	1	37	0-1	1	14.55	2.46	17.01	0.050
14.54	43515	3592.5	16QAM	15MHz	1	74	0-1	1	14.54	2.46	17.00	0.050
13.69	43515	3592.5	16QAM	15MHz	36	0	0-2	2	13.69	2.46	16.15	0.041
13.68	43515	3592.5	16QAM	15MHz	36	19	0-2	2	13.68	2.46	16.14	0.041
13.63	43515	3592.5	16QAM	15MHz	36	39	0-2	2	13.63	2.46	16.09	0.041
13.60	43515	3592.5	16QAM	15MHz	75	0	0-2	2	13.60	2.46	16.06	0.040
13.32	43165	3557.5	64QAM	15MHz	1	0	0-2	2	13.32	2.46	15.78	0.038
13.36	43165	3557.5	64QAM	15MHz	1	37	0-2	2	13.36	2.46	15.82	0.038
13.52	43165	3557.5	64QAM	15MHz	1	74	0-2	2	13.52	2.46	15.98	0.040
12.39	43165	3557.5	64QAM	15MHz	36	0	0-3	3	12.39	2.46	14.85	0.031
12.51	43165	3557.5	64QAM	15MHz	36	19	0-3	3	12.51	2.46	14.97	0.031
12.45	43165	3557.5	64QAM	15MHz	36	39	0-3	3	12.45	2.46	14.91	0.031
12.28	43165	3557.5	64QAM	15MHz	75	0	0-3	3	12.28	2.46	14.74	0.030
13.37	43340	3575	64QAM	15MHz	1	0	0-2	2	13.37	2.46	15.83	0.038
13.35	43340	3575	64QAM	15MHz	1	37	0-2	2	13.35	2.46	15.81	0.038
13.53	43340	3575	64QAM	15MHz	1	74	0-2	2	13.53	2.46	15.99	0.040
12.35	43340	3575	64QAM	15MHz	36	0	0-3	3	12.35	2.46	14.81	0.030
12.45	43340	3575	64QAM	15MHz	36	19	0-3	3	12.45	2.46	14.91	0.031
12.40	43340	3575	64QAM	15MHz	36	39	0-3	3	12.40	2.46	14.86	0.031
12.24	43340	3575	64QAM	15MHz	75	0	0-3	3	12.24	2.46	14.70	0.030
13.61	43515	3592.5	64QAM	15MHz	1	0	0-2	2	13.61	2.46	16.07	0.040
13.64	43515	3592.5	64QAM	15MHz	1	37	0-2	2	13.64	2.46	16.10	0.041
13.73	43515	3592.5	64QAM	15MHz	1	74	0-2	2	13.73	2.46	16.19	0.042
12.59	43515	3592.5	64QAM	15MHz	36	0	0-3	3	12.59	2.46	15.05	0.032
12.67	43515	3592.5	64QAM	15MHz	36	19	0-3	3	12.67	2.46	15.13	0.033
12.68	43515	3592.5	64QAM	15MHz	36	39	0-3	3	12.68	2.46	15.14	0.033
12.57	43515	3592.5	64QAM	15MHz	75	0	0-3	3	12.57	2.46	15.03	0.032

LTE Band 42_3550-3600 MHz												
Maximum Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	Maximum Average Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	EIRP(W)
15.60	43190	3560	QPSK	20MHz	1	0	0	0	15.60	2.46	18.06	0.064
15.41	43190	3560	QPSK	20MHz	1	49	0	0	15.41	2.46	17.87	0.061
15.51	43190	3560	QPSK	20MHz	1	99	0	0	15.51	2.46	17.97	0.063
14.52	43190	3560	QPSK	20MHz	50	0	0-1	1	14.52	2.46	16.98	0.050
14.50	43190	3560	QPSK	20MHz	50	25	0-1	1	14.50	2.46	16.96	0.050
14.44	43190	3560	QPSK	20MHz	50	50	0-1	1	14.44	2.46	16.90	0.049
14.39	43190	3560	QPSK	20MHz	100	0	0-1	1	14.39	2.46	16.85	0.048
15.62	43340	3575	QPSK	20MHz	1	0	0	0	15.62	2.46	18.08	0.064
15.57	43340	3575	QPSK	20MHz	1	49	0	0	15.57	2.46	18.03	0.064
15.49	43340	3575	QPSK	20MHz	1	99	0	0	15.49	2.46	17.95	0.062
14.44	43340	3575	QPSK	20MHz	50	0	0-1	1	14.44	2.46	16.90	0.049
14.43	43340	3575	QPSK	20MHz	50	25	0-1	1	14.43	2.46	16.89	0.049
14.41	43340	3575	QPSK	20MHz	50	50	0-1	1	14.41	2.46	16.87	0.049
14.36	43340	3575	QPSK	20MHz	100	0	0-1	1	14.36	2.46	16.82	0.048
15.86	43490	3590	QPSK	20MHz	1	0	0	0	15.86	2.46	18.32	0.068
15.82	43490	3590	QPSK	20MHz	1	49	0	0	15.82	2.46	18.28	0.067
15.70	43490	3590	QPSK	20MHz	1	99	0	0	15.70	2.46	18.16	0.065
14.76	43490	3590	QPSK	20MHz	50	0	0-1	1	14.76	2.46	17.22	0.053
14.67	43490	3590	QPSK	20MHz	50	25	0-1	1	14.67	2.46	17.13	0.052
14.63	43490	3590	QPSK	20MHz	50	50	0-1	1	14.63	2.46	17.09	0.051
14.70	43490	3590	QPSK	20MHz	100	0	0-1	1	14.70	2.46	17.16	0.052
14.43	43190	3560	16QAM	20MHz	1	0	0-1	1	14.43	2.46	16.89	0.049
14.34	43190	3560	16QAM	20MHz	1	49	0-1	1	14.34	2.46	16.80	0.048
14.40	43190	3560	16QAM	20MHz	1	99	0-1	1	14.40	2.46	16.86	0.049
13.51	43190	3560	16QAM	20MHz	50	0	0-2	2	13.51	2.46	15.97	0.040
13.48	43190	3560	16QAM	20MHz	50	25	0-2	2	13.48	2.46	15.94	0.039
13.34	43190	3560	16QAM	20MHz	50	50	0-2	2	13.34	2.46	15.80	0.038
13.32	43190	3560	16QAM	20MHz	100	0	0-2	2	13.32	2.46	15.78	0.038
14.41	43340	3575	16QAM	20MHz	1	0	0-1	1	14.41	2.46	16.87	0.049
14.35	43340	3575	16QAM	20MHz	1	49	0-1	1	14.35	2.46	16.81	0.048
14.33	43340	3575	16QAM	20MHz	1	99	0-1	1	14.33	2.46	16.79	0.048
13.40	43340	3575	16QAM	20MHz	50	0	0-2	2	13.40	2.46	15.86	0.039
13.50	43340	3575	16QAM	20MHz	50	25	0-2	2	13.50	2.46	15.96	0.039
13.36	43340	3575	16QAM	20MHz	50	50	0-2	2	13.36	2.46	15.82	0.038
13.26	43340	3575	16QAM	20MHz	100	0	0-2	2	13.26	2.46	15.72	0.037
14.69	43490	3590	16QAM	20MHz	1	0	0-1	1	14.69	2.46	17.15	0.052
14.52	43490	3590	16QAM	20MHz	1	49	0-1	1	14.52	2.46	16.98	0.050
14.64	43490	3590	16QAM	20MHz	1	99	0-1	1	14.64	2.46	17.10	0.051
13.68	43490	3590	16QAM	20MHz	50	0	0-2	2	13.68	2.46	16.14	0.041
13.76	43490	3590	16QAM	20MHz	50	25	0-2	2	13.76	2.46	16.22	0.042
13.53	43490	3590	16QAM	20MHz	50	50	0-2	2	13.53	2.46	15.99	0.040
13.60	43490	3590	16QAM	20MHz	100	0	0-2	2	13.60	2.46	16.06	0.040
13.42	43190	3560	64QAM	20MHz	1	0	0-2	2	13.42	2.46	15.88	0.039
13.38	43190	3560	64QAM	20MHz	1	49	0-2	2	13.38	2.46	15.84	0.038
13.59	43190	3560	64QAM	20MHz	1	99	0-2	2	13.59	2.46	16.05	0.040
12.38	43190	3560	64QAM	20MHz	50	0	0-3	3	12.38	2.46	14.84	0.030
12.48	43190	3560	64QAM	20MHz	50	25	0-3	3	12.48	2.46	14.94	0.031
12.37	43190	3560	64QAM	20MHz	50	50	0-3	3	12.37	2.46	14.83	0.030
12.24	43190	3560	64QAM	20MHz	100	0	0-3	3	12.24	2.46	14.70	0.030
13.30	43340	3575	64QAM	20MHz	1	0	0-2	2	13.30	2.46	15.76	0.038
13.41	43340	3575	64QAM	20MHz	1	49	0-2	2	13.41	2.46	15.87	0.039
13.57	43340	3575	64QAM	20MHz	1	99	0-2	2	13.57	2.46	16.03	0.040
12.35	43340	3575	64QAM	20MHz	50	0	0-3	3	12.35	2.46	14.81	0.030
12.41	43340	3575	64QAM	20MHz	50	25	0-3	3	12.41	2.46	14.87	0.031
12.37	43340	3575	64QAM	20MHz	50	50	0-3	3	12.37	2.46	14.83	0.030
12.23	43340	3575	64QAM	20MHz	100	0	0-3	3	12.23	2.46	14.69	0.029
13.57	43490	3590	64QAM	20MHz	1	0	0-2	2	13.57	2.46	16.03	0.040
13.62	43490	3590	64QAM	20MHz	1	49	0-2	2	13.62	2.46	16.08	0.041
13.75	43490	3590	64QAM	20MHz	1	99	0-2	2	13.75	2.46	16.21	0.042
12.62	43490	3590	64QAM	20MHz	50	0	0-3	3	12.62	2.46	15.08	0.032
12.66	43490	3590	64QAM	20MHz	50	25	0-3	3	12.66	2.46	15.12	0.033
12.65	43490	3590	64QAM	20MHz	50	50	0-3	3	12.65	2.46	15.11	0.032
12.57	43490	3590	64QAM	20MHz	100	0	0-3	3	12.57	2.46	15.03	0.032

LTE Band 43												
Maximum Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	Maximum Average Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	EIRP(W)
17.86	43615	3602.5	QPSK	5MHz	1	0	0	0	17.86	2.41	20.27	0.106
17.77	43615	3602.5	QPSK	5MHz	1	12	0	0	17.77	2.41	20.18	0.104
17.70	43615	3602.5	QPSK	5MHz	1	24	0	0	17.70	2.41	20.11	0.103
16.82	43615	3602.5	QPSK	5MHz	12	0	0-1	1	16.82	2.41	19.23	0.084
16.80	43615	3602.5	QPSK	5MHz	12	6	0-1	1	16.80	2.41	19.21	0.083
16.71	43615	3602.5	QPSK	5MHz	12	13	0-1	1	16.71	2.41	19.12	0.082
16.42	43615	3602.5	QPSK	5MHz	25	0	0-1	1	16.42	2.41	18.83	0.076
17.81	44090	3650	QPSK	5MHz	1	0	0	0	17.81	2.41	20.22	0.105
17.73	44090	3650	QPSK	5MHz	1	12	0	0	17.73	2.41	20.14	0.103
17.65	44090	3650	QPSK	5MHz	1	24	0	0	17.65	2.41	20.06	0.101
16.79	44090	3650	QPSK	5MHz	12	0	0-1	1	16.79	2.41	19.20	0.083
16.73	44090	3650	QPSK	5MHz	12	6	0-1	1	16.73	2.41	19.14	0.082
16.76	44090	3650	QPSK	5MHz	12	13	0-1	1	16.76	2.41	19.17	0.083
16.47	44090	3650	QPSK	5MHz	25	0	0-1	1	16.47	2.41	18.88	0.077
17.71	44565	3697.5	QPSK	5MHz	1	0	0	0	17.71	2.41	20.12	0.103
17.63	44565	3697.5	QPSK	5MHz	1	12	0	0	17.63	2.41	20.04	0.101
17.64	44565	3697.5	QPSK	5MHz	1	24	0	0	17.64	2.41	20.05	0.101
16.66	44565	3697.5	QPSK	5MHz	12	0	0-1	1	16.66	2.41	19.07	0.081
16.59	44565	3697.5	QPSK	5MHz	12	6	0-1	1	16.59	2.41	19.00	0.079
16.54	44565	3697.5	QPSK	5MHz	12	13	0-1	1	16.54	2.41	18.95	0.079
16.55	44565	3697.5	QPSK	5MHz	25	0	0-1	1	16.55	2.41	18.96	0.079
16.79	43615	3602.5	16QAM	5MHz	1	0	0-1	1	16.79	2.41	19.20	0.083
16.59	43615	3602.5	16QAM	5MHz	1	12	0-1	1	16.59	2.41	19.00	0.079
16.58	43615	3602.5	16QAM	5MHz	1	24	0-1	1	16.58	2.41	18.99	0.079
15.51	43615	3602.5	16QAM	5MHz	12	0	0-2	2	15.51	2.41	17.92	0.062
15.58	43615	3602.5	16QAM	5MHz	12	6	0-2	2	15.58	2.41	17.99	0.063
15.52	43615	3602.5	16QAM	5MHz	12	13	0-2	2	15.52	2.41	17.93	0.062
15.60	43615	3602.5	16QAM	5MHz	25	0	0-2	2	15.60	2.41	18.01	0.063
16.64	44090	3650	16QAM	5MHz	1	0	0-1	1	16.64	2.41	19.05	0.080
16.56	44090	3650	16QAM	5MHz	1	12	0-1	1	16.56	2.41	18.97	0.079
16.44	44090	3650	16QAM	5MHz	1	24	0-1	1	16.44	2.41	18.85	0.077
15.65	44090	3650	16QAM	5MHz	12	0	0-2	2	15.65	2.41	18.06	0.064
15.73	44090	3650	16QAM	5MHz	12	6	0-2	2	15.73	2.41	18.14	0.065
15.63	44090	3650	16QAM	5MHz	12	13	0-2	2	15.63	2.41	18.04	0.064
15.55	44090	3650	16QAM	5MHz	25	0	0-2	2	15.55	2.41	17.96	0.063
16.64	44565	3697.5	16QAM	5MHz	1	0	0-1	1	16.64	2.41	19.05	0.080
16.53	44565	3697.5	16QAM	5MHz	1	12	0-1	1	16.53	2.41	18.94	0.078
16.48	44565	3697.5	16QAM	5MHz	1	24	0-1	1	16.48	2.41	18.89	0.077
15.61	44565	3697.5	16QAM	5MHz	12	0	0-2	2	15.61	2.41	18.02	0.063
15.69	44565	3697.5	16QAM	5MHz	12	6	0-2	2	15.69	2.41	18.10	0.065
15.61	44565	3697.5	16QAM	5MHz	12	11	0-2	2	15.61	2.41	18.02	0.063
15.52	44565	3697.5	16QAM	5MHz	25	0	0-2	2	15.52	2.41	17.93	0.062
15.58	43615	3602.5	64QAM	5MHz	1	0	0-2	2	15.58	2.41	17.99	0.063
15.60	43615	3602.5	64QAM	5MHz	1	12	0-2	2	15.60	2.41	18.01	0.063
15.63	43615	3602.5	64QAM	5MHz	1	24	0-2	2	15.63	2.41	18.04	0.064
14.66	43615	3602.5	64QAM	5MHz	12	0	0-3	3	14.66	2.41	17.07	0.051
14.56	43615	3602.5	64QAM	5MHz	12	6	0-3	3	14.56	2.41	16.97	0.050
14.66	43615	3602.5	64QAM	5MHz	12	13	0-3	3	14.66	2.41	17.07	0.051
14.56	43615	3602.5	64QAM	5MHz	25	0	0-3	3	14.56	2.41	16.97	0.050
15.49	44090	3650	64QAM	5MHz	1	0	0-2	2	15.49	2.41	17.90	0.062
15.62	44090	3650	64QAM	5MHz	1	12	0-2	2	15.62	2.41	18.03	0.064
15.67	44090	3650	64QAM	5MHz	1	24	0-2	2	15.67	2.41	18.08	0.064
14.63	44090	3650	64QAM	5MHz	12	0	0-3	3	14.63	2.41	17.04	0.051
14.66	44090	3650	64QAM	5MHz	12	6	0-3	3	14.66	2.41	17.07	0.051
14.49	44090	3650	64QAM	5MHz	12	13	0-3	3	14.49	2.41	16.90	0.049
14.48	44090	3650	64QAM	5MHz	25	0	0-3	3	14.48	2.41	16.89	0.049
15.59	44565	3697.5	64QAM	5MHz	1	0	0-2	2	15.59	2.41	18.00	0.063
15.53	44565	3697.5	64QAM	5MHz	1	12	0-2	2	15.53	2.41	17.94	0.062
15.70	44565	3697.5	64QAM	5MHz	1	24	0-2	2	15.70	2.41	18.11	0.065
14.70	44565	3697.5	64QAM	5MHz	12	0	0-3	3	14.70	2.41	17.11	0.051
14.54	44565	3697.5	64QAM	5MHz	12	6	0-3	3	14.54	2.41	16.95	0.050
14.63	44565	3697.5	64QAM	5MHz	12	11	0-3	3	14.63	2.41	17.04	0.051
14.57	44565	3697.5	64QAM	5MHz	25	0	0-3	3	14.57	2.41	16.98	0.050

LTE Band 43												
Maximum Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	Maximum Average Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	EIRP(W)
17.77	43640	3605	QPSK	10MHz	1	0	0	0	17.77	2.41	20.18	0.104
17.80	43640	3605	QPSK	10MHz	1	24	0	0	17.80	2.41	20.21	0.105
17.78	43640	3605	QPSK	10MHz	1	49	0	0	17.78	2.41	20.19	0.104
16.81	43640	3605	QPSK	10MHz	25	0	0-1	1	16.81	2.41	19.22	0.084
16.76	43640	3605	QPSK	10MHz	25	12	0-1	1	16.76	2.41	19.17	0.083
16.73	43640	3605	QPSK	10MHz	25	25	0-1	1	16.73	2.41	19.14	0.082
16.42	43640	3605	QPSK	10MHz	50	0	0-1	1	16.42	2.41	18.83	0.076
17.73	44090	3650	QPSK	10MHz	1	0	0	0	17.73	2.41	20.14	0.103
17.74	44090	3650	QPSK	10MHz	1	24	0	0	17.74	2.41	20.15	0.104
17.63	44090	3650	QPSK	10MHz	1	49	0	0	17.63	2.41	20.04	0.101
16.82	44090	3650	QPSK	10MHz	25	0	0-1	1	16.82	2.41	19.23	0.084
16.57	44090	3650	QPSK	10MHz	25	12	0-1	1	16.57	2.41	18.98	0.079
16.64	44090	3650	QPSK	10MHz	25	25	0-1	1	16.64	2.41	19.05	0.080
16.64	44090	3650	QPSK	10MHz	50	0	0-1	1	16.64	2.41	19.05	0.080
17.73	44540	3695	QPSK	10MHz	1	0	0	0	17.73	2.41	20.14	0.103
17.68	44540	3695	QPSK	10MHz	1	24	0	0	17.68	2.41	20.09	0.102
17.68	44540	3695	QPSK	10MHz	1	49	0	0	17.68	2.41	20.09	0.102
16.62	44540	3695	QPSK	10MHz	25	0	0-1	1	16.62	2.41	19.03	0.080
16.64	44540	3695	QPSK	10MHz	25	12	0-1	1	16.64	2.41	19.05	0.080
16.52	44540	3695	QPSK	10MHz	25	25	0-1	1	16.52	2.41	18.93	0.078
16.62	44540	3695	QPSK	10MHz	50	0	0-1	1	16.62	2.41	19.03	0.080
16.77	43640	3605	16QAM	10MHz	1	0	0-1	1	16.77	2.41	19.18	0.083
16.55	43640	3605	16QAM	10MHz	1	24	0-1	1	16.55	2.41	18.96	0.079
16.58	43640	3605	16QAM	10MHz	1	49	0-1	1	16.58	2.41	18.99	0.079
15.58	43640	3605	16QAM	10MHz	25	0	0-2	2	15.58	2.41	17.99	0.063
15.54	43640	3605	16QAM	10MHz	25	12	0-2	2	15.54	2.41	17.95	0.062
15.54	43640	3605	16QAM	10MHz	25	25	0-2	2	15.54	2.41	17.95	0.062
15.58	43640	3605	16QAM	10MHz	50	0	0-2	2	15.58	2.41	17.99	0.063
16.67	44090	3650	16QAM	10MHz	1	0	0-1	1	16.67	2.41	19.08	0.081
16.56	44090	3650	16QAM	10MHz	1	24	0-1	1	16.56	2.41	18.97	0.079
16.53	44090	3650	16QAM	10MHz	1	49	0-1	1	16.53	2.41	18.94	0.078
15.70	44090	3650	16QAM	10MHz	25	0	0-2	2	15.70	2.41	18.11	0.065
15.69	44090	3650	16QAM	10MHz	25	12	0-2	2	15.69	2.41	18.10	0.065
15.56	44090	3650	16QAM	10MHz	25	25	0-2	2	15.56	2.41	17.97	0.063
15.46	44090	3650	16QAM	10MHz	50	0	0-2	2	15.46	2.41	17.87	0.061
16.62	44540	3695	16QAM	10MHz	1	0	0-1	1	16.62	2.41	19.03	0.080
16.58	44540	3695	16QAM	10MHz	1	24	0-1	1	16.58	2.41	18.99	0.079
16.48	44540	3695	16QAM	10MHz	1	49	0-1	1	16.48	2.41	18.89	0.077
15.67	44540	3695	16QAM	10MHz	25	0	0-2	2	15.67	2.41	18.08	0.064
15.71	44540	3695	16QAM	10MHz	25	12	0-2	2	15.71	2.41	18.12	0.065
15.54	44540	3695	16QAM	10MHz	25	25	0-2	2	15.54	2.41	17.95	0.062
15.48	44540	3695	16QAM	10MHz	50	0	0-2	2	15.48	2.41	17.89	0.062
15.53	43640	3605	64QAM	10MHz	1	0	0-2	2	15.53	2.41	17.94	0.062
15.51	43640	3605	64QAM	10MHz	1	24	0-2	2	15.51	2.41	17.92	0.062
15.69	43640	3605	64QAM	10MHz	1	49	0-2	2	15.69	2.41	18.10	0.065
14.69	43640	3605	64QAM	10MHz	25	0	0-3	3	14.69	2.41	17.10	0.051
14.59	43640	3605	64QAM	10MHz	25	12	0-3	3	14.59	2.41	17.00	0.050
14.58	43640	3605	64QAM	10MHz	25	25	0-3	3	14.58	2.41	16.99	0.050
14.56	43640	3605	64QAM	10MHz	50	0	0-3	3	14.56	2.41	16.97	0.050
15.50	44090	3650	64QAM	10MHz	1	0	0-2	2	15.50	2.41	17.91	0.062
15.64	44090	3650	64QAM	10MHz	1	24	0-2	2	15.64	2.41	18.05	0.064
15.65	44090	3650	64QAM	10MHz	1	49	0-2	2	15.65	2.41	18.06	0.064
14.68	44090	3650	64QAM	10MHz	25	0	0-3	3	14.68	2.41	17.09	0.051
14.62	44090	3650	64QAM	10MHz	25	12	0-3	3	14.62	2.41	17.03	0.050
14.57	44090	3650	64QAM	10MHz	25	25	0-3	3	14.57	2.41	16.98	0.050
14.48	44090	3650	64QAM	10MHz	50	0	0-3	3	14.48	2.41	16.89	0.049
15.59	44540	3695	64QAM	10MHz	1	0	0-2	2	15.59	2.41	18.00	0.063
15.49	44540	3695	64QAM	10MHz	1	24	0-2	2	15.49	2.41	17.90	0.062
15.69	44540	3695	64QAM	10MHz	1	49	0-2	2	15.69	2.41	18.10	0.065
14.65	44540	3695	64QAM	10MHz	25	0	0-3	3	14.65	2.41	17.06	0.051
14.56	44540	3695	64QAM	10MHz	25	12	0-3	3	14.56	2.41	16.97	0.050
14.63	44540	3695	64QAM	10MHz	25	25	0-3	3	14.63	2.41	17.04	0.051
14.56	44540	3695	64QAM	10MHz	50	0	0-3	3	14.56	2.41	16.97	0.050

LTE Band 43												
Maximum Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	Maximum Average Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	EIRP(W)
17.78	43665	3607.5	QPSK	15MHz	1	0	0	0	17.78	2.41	20.19	0.104
17.74	43665	3607.5	QPSK	15MHz	1	37	0	0	17.74	2.41	20.15	0.104
17.78	43665	3607.5	QPSK	15MHz	1	74	0	0	17.78	2.41	20.19	0.104
16.89	43665	3607.5	QPSK	15MHz	36	0	0-1	1	16.89	2.41	19.30	0.085
16.81	43665	3607.5	QPSK	15MHz	36	19	0-1	1	16.81	2.41	19.22	0.084
16.70	43665	3607.5	QPSK	15MHz	36	39	0-1	1	16.70	2.41	19.11	0.081
16.48	43665	3607.5	QPSK	15MHz	75	0	0-1	1	16.48	2.41	18.89	0.077
17.74	44090	3650	QPSK	15MHz	1	0	0	0	17.74	2.41	20.15	0.104
17.67	44090	3650	QPSK	15MHz	1	37	0	0	17.67	2.41	20.08	0.102
17.65	44090	3650	QPSK	15MHz	1	74	0	0	17.65	2.41	20.06	0.101
16.81	44090	3650	QPSK	15MHz	36	0	0-1	1	16.81	2.41	19.22	0.084
16.64	44090	3650	QPSK	15MHz	36	19	0-1	1	16.64	2.41	19.05	0.080
16.66	44090	3650	QPSK	15MHz	36	39	0-1	1	16.66	2.41	19.07	0.081
16.71	44090	3650	QPSK	15MHz	75	0	0-1	1	16.71	2.41	19.12	0.082
17.75	44515	3692.5	QPSK	15MHz	1	0	0	0	17.75	2.41	20.16	0.104
17.68	44515	3692.5	QPSK	15MHz	1	37	0	0	17.68	2.41	20.09	0.102
17.64	44515	3692.5	QPSK	15MHz	1	74	0	0	17.64	2.41	20.05	0.101
16.64	44515	3692.5	QPSK	15MHz	36	0	0-1	1	16.64	2.41	19.05	0.080
16.65	44515	3692.5	QPSK	15MHz	36	19	0-1	1	16.65	2.41	19.06	0.081
16.51	44515	3692.5	QPSK	15MHz	36	39	0-1	1	16.51	2.41	18.92	0.078
16.56	44515	3692.5	QPSK	15MHz	75	0	0-1	1	16.56	2.41	18.97	0.079
16.72	43665	3607.5	16QAM	15MHz	1	0	0-1	1	16.72	2.41	19.13	0.082
16.65	43665	3607.5	16QAM	15MHz	1	37	0-1	1	16.65	2.41	19.06	0.081
16.51	43665	3607.5	16QAM	15MHz	1	74	0-1	1	16.51	2.41	18.92	0.078
15.51	43665	3607.5	16QAM	15MHz	36	0	0-2	2	15.51	2.41	17.92	0.062
15.57	43665	3607.5	16QAM	15MHz	36	19	0-2	2	15.57	2.41	17.98	0.063
15.54	43665	3607.5	16QAM	15MHz	36	39	0-2	2	15.54	2.41	17.95	0.062
15.59	43665	3607.5	16QAM	15MHz	75	0	0-2	2	15.59	2.41	18.00	0.063
16.67	44090	3650	16QAM	15MHz	1	0	0-1	1	16.67	2.41	19.08	0.081
16.54	44090	3650	16QAM	15MHz	1	37	0-1	1	16.54	2.41	18.95	0.079
16.47	44090	3650	16QAM	15MHz	1	74	0-1	1	16.47	2.41	18.88	0.077
15.75	44090	3650	16QAM	15MHz	36	0	0-2	2	15.75	2.41	18.16	0.065
15.65	44090	3650	16QAM	15MHz	36	19	0-2	2	15.65	2.41	18.06	0.064
15.60	44090	3650	16QAM	15MHz	36	39	0-2	2	15.60	2.41	18.01	0.063
15.46	44090	3650	16QAM	15MHz	75	0	0-2	2	15.46	2.41	17.87	0.061
16.67	44515	3692.5	16QAM	15MHz	1	0	0-1	1	16.67	2.41	19.08	0.081
16.51	44515	3692.5	16QAM	15MHz	1	37	0-1	1	16.51	2.41	18.92	0.078
16.48	44515	3692.5	16QAM	15MHz	1	74	0-1	1	16.48	2.41	18.89	0.077
15.63	44515	3692.5	16QAM	15MHz	36	0	0-2	2	15.63	2.41	18.04	0.064
15.63	44515	3692.5	16QAM	15MHz	36	19	0-2	2	15.63	2.41	18.04	0.064
15.60	44515	3692.5	16QAM	15MHz	36	39	0-2	2	15.60	2.41	18.01	0.063
15.56	44515	3692.5	16QAM	15MHz	75	0	0-2	2	15.56	2.41	17.97	0.063
15.56	43665	3607.5	64QAM	15MHz	1	0	0-2	2	15.56	2.41	17.97	0.063
15.59	43665	3607.5	64QAM	15MHz	1	37	0-2	2	15.59	2.41	18.00	0.063
15.63	43665	3607.5	64QAM	15MHz	1	74	0-2	2	15.63	2.41	18.04	0.064
14.67	43665	3607.5	64QAM	15MHz	36	0	0-3	3	14.67	2.41	17.08	0.051
14.57	43665	3607.5	64QAM	15MHz	36	19	0-3	3	14.57	2.41	16.98	0.050
14.56	43665	3607.5	64QAM	15MHz	36	39	0-3	3	14.56	2.41	16.97	0.050
14.48	43665	3607.5	64QAM	15MHz	75	0	0-3	3	14.48	2.41	16.89	0.049
15.49	44090	3650	64QAM	15MHz	1	0	0-2	2	15.49	2.41	17.90	0.062
15.56	44090	3650	64QAM	15MHz	1	37	0-2	2	15.56	2.41	17.97	0.063
15.67	44090	3650	64QAM	15MHz	1	74	0-2	2	15.67	2.41	18.08	0.064
14.70	44090	3650	64QAM	15MHz	36	0	0-3	3	14.70	2.41	17.11	0.051
14.66	44090	3650	64QAM	15MHz	36	19	0-3	3	14.66	2.41	17.07	0.051
14.50	44090	3650	64QAM	15MHz	36	39	0-3	3	14.50	2.41	16.91	0.049
14.43	44090	3650	64QAM	15MHz	75	0	0-3	3	14.43	2.41	16.84	0.048
15.56	44515	3692.5	64QAM	15MHz	1	0	0-2	2	15.56	2.41	17.97	0.063
15.53	44515	3692.5	64QAM	15MHz	1	37	0-2	2	15.53	2.41	17.94	0.062
15.74	44515	3692.5	64QAM	15MHz	1	74	0-2	2	15.74	2.41	18.15	0.065
14.67	44515	3692.5	64QAM	15MHz	36	0	0-3	3	14.67	2.41	17.08	0.051
14.60	44515	3692.5	64QAM	15MHz	36	19	0-3	3	14.60	2.41	17.01	0.050
14.56	44515	3692.5	64QAM	15MHz	36	39	0-3	3	14.56	2.41	16.97	0.050
14.57	44515	3692.5	64QAM	15MHz	75	0	0-3	3	14.57	2.41	16.98	0.050

LTE Band 43												
Maximum Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	Maximum Average Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	EIRP(W)
17.86	43690	3610	QPSK	20MHz	1	0	0	0	17.86	2.41	20.27	0.106
17.84	43690	3610	QPSK	20MHz	1	49	0	0	17.84	2.41	20.25	0.106
17.80	43690	3610	QPSK	20MHz	1	99	0	0	17.80	2.41	20.21	0.105
16.91	43690	3610	QPSK	20MHz	50	0	0-1	1	16.91	2.41	19.32	0.086
16.84	43690	3610	QPSK	20MHz	50	25	0-1	1	16.84	2.41	19.25	0.084
16.73	43690	3610	QPSK	20MHz	50	50	0-1	1	16.73	2.41	19.14	0.082
16.48	43690	3610	QPSK	20MHz	100	0	0-1	1	16.48	2.41	18.89	0.077
17.80	44090	3650	QPSK	20MHz	1	0	0	0	17.80	2.41	20.21	0.105
17.75	44090	3650	QPSK	20MHz	1	49	0	0	17.75	2.41	20.16	0.104
17.68	44090	3650	QPSK	20MHz	1	99	0	0	17.68	2.41	20.09	0.102
16.82	44090	3650	QPSK	20MHz	50	0	0-1	1	16.82	2.41	19.23	0.084
16.65	44090	3650	QPSK	20MHz	50	25	0-1	1	16.65	2.41	19.06	0.081
16.67	44090	3650	QPSK	20MHz	50	50	0-1	1	16.67	2.41	19.08	0.081
16.67	44090	3650	QPSK	20MHz	100	0	0-1	1	16.67	2.41	19.08	0.081
17.85	44490	3690	QPSK	20MHz	1	0	0	0	17.85	2.41	20.26	0.106
17.72	44490	3690	QPSK	20MHz	1	49	0	0	17.72	2.41	20.13	0.103
17.71	44490	3690	QPSK	20MHz	1	99	0	0	17.71	2.41	20.12	0.103
16.89	44490	3690	QPSK	20MHz	50	0	0-1	1	16.89	2.41	19.30	0.085
16.67	44490	3690	QPSK	20MHz	50	25	0-1	1	16.67	2.41	19.08	0.081
16.61	44490	3690	QPSK	20MHz	50	50	0-1	1	16.61	2.41	19.02	0.080
16.75	44490	3690	QPSK	20MHz	100	0	0-1	1	16.75	2.41	19.16	0.082
16.79	43690	3610	16QAM	20MHz	1	0	0-1	1	16.79	2.41	19.20	0.083
16.65	43690	3610	16QAM	20MHz	1	49	0-1	1	16.65	2.41	19.06	0.081
16.60	43690	3610	16QAM	20MHz	1	99	0-1	1	16.60	2.41	19.01	0.080
15.60	43690	3610	16QAM	20MHz	50	0	0-2	2	15.60	2.41	18.01	0.063
15.64	43690	3610	16QAM	20MHz	50	25	0-2	2	15.64	2.41	18.05	0.064
15.56	43690	3610	16QAM	20MHz	50	50	0-2	2	15.56	2.41	17.97	0.063
15.63	43690	3610	16QAM	20MHz	100	0	0-2	2	15.63	2.41	18.04	0.064
16.72	44090	3650	16QAM	20MHz	1	0	0-1	1	16.72	2.41	19.13	0.082
16.60	44090	3650	16QAM	20MHz	1	49	0-1	1	16.60	2.41	19.01	0.080
16.54	44090	3650	16QAM	20MHz	1	99	0-1	1	16.54	2.41	18.95	0.079
15.75	44090	3650	16QAM	20MHz	50	0	0-2	2	15.75	2.41	18.16	0.065
15.73	44090	3650	16QAM	20MHz	50	25	0-2	2	15.73	2.41	18.14	0.065
15.64	44090	3650	16QAM	20MHz	50	50	0-2	2	15.64	2.41	18.05	0.064
15.55	44090	3650	16QAM	20MHz	100	0	0-2	2	15.55	2.41	17.96	0.063
16.71	44490	3690	16QAM	20MHz	1	0	0-1	1	16.71	2.41	19.12	0.082
16.61	44490	3690	16QAM	20MHz	1	49	0-1	1	16.61	2.41	19.02	0.080
16.57	44490	3690	16QAM	20MHz	1	99	0-1	1	16.57	2.41	18.98	0.079
15.69	44490	3690	16QAM	20MHz	50	0	0-2	2	15.69	2.41	18.10	0.065
15.71	44490	3690	16QAM	20MHz	50	25	0-2	2	15.71	2.41	18.12	0.065
15.61	44490	3690	16QAM	20MHz	50	50	0-2	2	15.61	2.41	18.02	0.063
15.57	44490	3690	16QAM	20MHz	100	0	0-2	2	15.57	2.41	17.98	0.063
15.60	43690	3610	64QAM	20MHz	1	0	0-2	2	15.60	2.41	18.01	0.063
15.61	43690	3610	64QAM	20MHz	1	49	0-2	2	15.61	2.41	18.02	0.063
15.71	43690	3610	64QAM	20MHz	1	99	0-2	2	15.71	2.41	18.12	0.065
14.72	43690	3610	64QAM	20MHz	50	0	0-3	3	14.72	2.41	17.13	0.052
14.65	43690	3610	64QAM	20MHz	50	25	0-3	3	14.65	2.41	17.06	0.051
14.66	43690	3610	64QAM	20MHz	50	50	0-3	3	14.66	2.41	17.07	0.051
14.56	43690	3610	64QAM	20MHz	100	0	0-3	3	14.56	2.41	16.97	0.050
15.58	44090	3650	64QAM	20MHz	1	0	0-2	2	15.58	2.41	17.99	0.063
15.64	44090	3650	64QAM	20MHz	1	49	0-2	2	15.64	2.41	18.05	0.064
15.68	44090	3650	64QAM	20MHz	1	99	0-2	2	15.68	2.41	18.09	0.064
14.72	44090	3650	64QAM	20MHz	50	0	0-3	3	14.72	2.41	17.13	0.052
14.66	44090	3650	64QAM	20MHz	50	25	0-3	3	14.66	2.41	17.07	0.051
14.58	44090	3650	64QAM	20MHz	50	50	0-3	3	14.58	2.41	16.99	0.050
14.51	44090	3650	64QAM	20MHz	100	0	0-3	3	14.51	2.41	16.92	0.049
15.66	44490	3690	64QAM	20MHz	1	0	0-2	2	15.66	2.41	18.07	0.064
15.59	44490	3690	64QAM	20MHz	1	49	0-2	2	15.59	2.41	18.00	0.063
15.74	44490	3690	64QAM	20MHz	1	99	0-2	2	15.74	2.41	18.15	0.065
14.72	44490	3690	64QAM	20MHz	50	0	0-3	3	14.72	2.41	17.13	0.052
14.62	44490	3690	64QAM	20MHz	50	25	0-3	3	14.62	2.41	17.03	0.050
14.65	44490	3690	64QAM	20MHz	50	50	0-3	3	14.65	2.41	17.06	0.051
14.58	44490	3690	64QAM	20MHz	100	0	0-3	3	14.58	2.41	16.99	0.050

LTE Band 48												
Maximum Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	Maximum Average Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	EIRP(W)
16.63	55265	3552.5	QPSK	5MHz	1	0	0	0	16.63	2.19	18.82	0.076
16.60	55265	3552.5	QPSK	5MHz	1	12	0	0	16.60	2.19	18.79	0.076
16.48	55265	3552.5	QPSK	5MHz	1	24	0	0	16.48	2.19	18.67	0.074
15.63	55265	3552.5	QPSK	5MHz	12	0	0-1	1	15.63	2.19	17.82	0.061
15.50	55265	3552.5	QPSK	5MHz	12	6	0-1	1	15.50	2.19	17.69	0.059
15.43	55265	3552.5	QPSK	5MHz	12	13	0-1	1	15.43	2.19	17.62	0.058
15.50	55265	3552.5	QPSK	5MHz	25	0	0-1	1	15.50	2.19	17.69	0.059
16.74	55990	3625	QPSK	5MHz	1	0	0	0	16.74	2.19	18.93	0.078
16.44	55990	3625	QPSK	5MHz	1	12	0	0	16.44	2.19	18.63	0.073
16.47	55990	3625	QPSK	5MHz	1	24	0	0	16.47	2.19	18.66	0.073
15.44	55990	3625	QPSK	5MHz	12	0	0-1	1	15.44	2.19	17.63	0.058
15.51	55990	3625	QPSK	5MHz	12	6	0-1	1	15.51	2.19	17.70	0.059
15.47	55990	3625	QPSK	5MHz	12	13	0-1	1	15.47	2.19	17.66	0.058
15.46	55990	3625	QPSK	5MHz	25	0	0-1	1	15.46	2.19	17.65	0.058
16.70	56715	3697.5	QPSK	5MHz	1	0	0	0	16.70	2.19	18.89	0.077
16.50	56715	3697.5	QPSK	5MHz	1	12	0	0	16.50	2.19	18.69	0.074
16.43	56715	3697.5	QPSK	5MHz	1	24	0	0	16.43	2.19	18.62	0.073
15.50	56715	3697.5	QPSK	5MHz	12	0	0-1	1	15.50	2.19	17.69	0.059
15.45	56715	3697.5	QPSK	5MHz	12	6	0-1	1	15.45	2.19	17.64	0.058
15.49	56715	3697.5	QPSK	5MHz	12	13	0-1	1	15.49	2.19	17.68	0.059
15.45	56715	3697.5	QPSK	5MHz	25	0	0-1	1	15.45	2.19	17.64	0.058
15.50	55265	3552.5	16QAM	5MHz	1	0	0-1	1	15.50	2.19	17.69	0.059
15.37	55265	3552.5	16QAM	5MHz	1	12	0-1	1	15.37	2.19	17.56	0.057
15.28	55265	3552.5	16QAM	5MHz	1	24	0-1	1	15.28	2.19	17.47	0.056
14.61	55265	3552.5	16QAM	5MHz	12	0	0-2	2	14.61	2.19	16.80	0.048
14.58	55265	3552.5	16QAM	5MHz	12	6	0-2	2	14.58	2.19	16.77	0.048
14.45	55265	3552.5	16QAM	5MHz	12	13	0-2	2	14.45	2.19	16.64	0.046
14.31	55265	3552.5	16QAM	5MHz	25	0	0-2	2	14.31	2.19	16.50	0.045
15.46	55990	3625	16QAM	5MHz	1	0	0-1	1	15.46	2.19	17.65	0.058
15.42	55990	3625	16QAM	5MHz	1	12	0-1	1	15.42	2.19	17.61	0.058
15.33	55990	3625	16QAM	5MHz	1	24	0-1	1	15.33	2.19	17.52	0.056
14.53	55990	3625	16QAM	5MHz	12	0	0-2	2	14.53	2.19	16.72	0.047
14.34	55990	3625	16QAM	5MHz	12	6	0-2	2	14.34	2.19	16.53	0.045
14.49	55990	3625	16QAM	5MHz	12	13	0-2	2	14.49	2.19	16.68	0.047
14.42	55990	3625	16QAM	5MHz	25	0	0-2	2	14.42	2.19	16.61	0.046
15.40	56715	3697.5	16QAM	5MHz	1	0	0-1	1	15.40	2.19	17.59	0.057
15.40	56715	3697.5	16QAM	5MHz	1	12	0-1	1	15.40	2.19	17.59	0.057
15.32	56715	3697.5	16QAM	5MHz	1	24	0-1	1	15.32	2.19	17.51	0.056
14.51	56715	3697.5	16QAM	5MHz	12	0	0-2	2	14.51	2.19	16.70	0.047
14.43	56715	3697.5	16QAM	5MHz	12	6	0-2	2	14.43	2.19	16.62	0.046
14.41	56715	3697.5	16QAM	5MHz	12	11	0-2	2	14.41	2.19	16.60	0.046
14.39	56715	3697.5	16QAM	5MHz	25	0	0-2	2	14.39	2.19	16.58	0.045
14.35	55265	3552.5	64QAM	5MHz	1	0	0-2	2	14.35	2.19	16.54	0.045
14.45	55265	3552.5	64QAM	5MHz	1	12	0-2	2	14.45	2.19	16.64	0.046
14.47	55265	3552.5	64QAM	5MHz	1	24	0-2	2	14.47	2.19	16.66	0.046
13.52	55265	3552.5	64QAM	5MHz	12	0	0-3	3	13.52	2.19	15.71	0.037
13.42	55265	3552.5	64QAM	5MHz	12	6	0-3	3	13.42	2.19	15.61	0.036
13.42	55265	3552.5	64QAM	5MHz	12	13	0-3	3	13.42	2.19	15.61	0.036
13.33	55265	3552.5	64QAM	5MHz	25	0	0-3	3	13.33	2.19	15.52	0.036
14.49	55990	3625	64QAM	5MHz	1	0	0-2	2	14.49	2.19	16.68	0.047
14.37	55990	3625	64QAM	5MHz	1	12	0-2	2	14.37	2.19	16.56	0.045
14.52	55990	3625	64QAM	5MHz	1	24	0-2	2	14.52	2.19	16.71	0.047
13.41	55990	3625	64QAM	5MHz	12	0	0-3	3	13.41	2.19	15.60	0.036
13.46	55990	3625	64QAM	5MHz	12	6	0-3	3	13.46	2.19	15.65	0.037
13.33	55990	3625	64QAM	5MHz	12	13	0-3	3	13.33	2.19	15.52	0.036
13.44	55990	3625	64QAM	5MHz	25	0	0-3	3	13.44	2.19	15.63	0.037
14.43	56715	3697.5	64QAM	5MHz	1	0	0-2	2	14.43	2.19	16.62	0.046
14.49	56715	3697.5	64QAM	5MHz	1	12	0-2	2	14.49	2.19	16.68	0.047
14.55	56715	3697.5	64QAM	5MHz	1	24	0-2	2	14.55	2.19	16.74	0.047
13.56	56715	3697.5	64QAM	5MHz	12	0	0-3	3	13.56	2.19	15.75	0.038
13.40	56715	3697.5	64QAM	5MHz	12	6	0-3	3	13.40	2.19	15.59	0.036
13.26	56715	3697.5	64QAM	5MHz	12	11	0-3	3	13.26	2.19	15.45	0.035
13.39	56715	3697.5	64QAM	5MHz	25	0	0-3	3	13.39	2.19	15.58	0.036

LTE Band 48												
Maximum Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	Maximum Average Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	EIRP(W)
16.64	55290	3555	QPSK	10MHz	1	0	0	0	16.64	2.19	18.83	0.076
16.52	55290	3555	QPSK	10MHz	1	24	0	0	16.52	2.19	18.71	0.074
16.51	55290	3555	QPSK	10MHz	1	49	0	0	16.51	2.19	18.70	0.074
15.65	55290	3555	QPSK	10MHz	25	0	0-1	1	15.65	2.19	17.84	0.061
15.45	55290	3555	QPSK	10MHz	25	12	0-1	1	15.45	2.19	17.64	0.058
15.45	55290	3555	QPSK	10MHz	25	25	0-1	1	15.45	2.19	17.64	0.058
15.46	55290	3555	QPSK	10MHz	50	0	0-1	1	15.46	2.19	17.65	0.058
16.76	55990	3625	QPSK	10MHz	1	0	0	0	16.76	2.19	18.95	0.079
16.47	55990	3625	QPSK	10MHz	1	24	0	0	16.47	2.19	18.66	0.073
16.44	55990	3625	QPSK	10MHz	1	49	0	0	16.44	2.19	18.63	0.073
15.43	55990	3625	QPSK	10MHz	25	0	0-1	1	15.43	2.19	17.62	0.058
15.50	55990	3625	QPSK	10MHz	25	12	0-1	1	15.50	2.19	17.69	0.059
15.47	55990	3625	QPSK	10MHz	25	25	0-1	1	15.47	2.19	17.66	0.058
15.49	55990	3625	QPSK	10MHz	50	0	0-1	1	15.49	2.19	17.68	0.059
16.70	56690	3695	QPSK	10MHz	1	0	0	0	16.70	2.19	18.89	0.077
16.47	56690	3695	QPSK	10MHz	1	24	0	0	16.47	2.19	18.66	0.073
16.45	56690	3695	QPSK	10MHz	1	49	0	0	16.45	2.19	18.64	0.073
15.50	56690	3695	QPSK	10MHz	25	0	0-1	1	15.50	2.19	17.69	0.059
15.51	56690	3695	QPSK	10MHz	25	12	0-1	1	15.51	2.19	17.70	0.059
15.40	56690	3695	QPSK	10MHz	25	25	0-1	1	15.40	2.19	17.59	0.057
15.44	56690	3695	QPSK	10MHz	50	0	0-1	1	15.44	2.19	17.63	0.058
15.48	55290	3555	16QAM	10MHz	1	0	0-1	1	15.48	2.19	17.67	0.058
15.36	55290	3555	16QAM	10MHz	1	24	0-1	1	15.36	2.19	17.55	0.057
15.36	55290	3555	16QAM	10MHz	1	49	0-1	1	15.36	2.19	17.55	0.057
14.53	55290	3555	16QAM	10MHz	25	0	0-2	2	14.53	2.19	16.72	0.047
14.53	55290	3555	16QAM	10MHz	25	12	0-2	2	14.53	2.19	16.72	0.047
14.50	55290	3555	16QAM	10MHz	25	25	0-2	2	14.50	2.19	16.69	0.047
14.35	55290	3555	16QAM	10MHz	50	0	0-2	2	14.35	2.19	16.54	0.045
15.52	55990	3625	16QAM	10MHz	1	0	0-1	1	15.52	2.19	17.71	0.059
15.46	55990	3625	16QAM	10MHz	1	24	0-1	1	15.46	2.19	17.65	0.058
15.36	55990	3625	16QAM	10MHz	1	49	0-1	1	15.36	2.19	17.55	0.057
14.57	55990	3625	16QAM	10MHz	25	0	0-2	2	14.57	2.19	16.76	0.047
14.42	55990	3625	16QAM	10MHz	25	12	0-2	2	14.42	2.19	16.61	0.046
14.47	55990	3625	16QAM	10MHz	25	25	0-2	2	14.47	2.19	16.66	0.046
14.36	55990	3625	16QAM	10MHz	50	0	0-2	2	14.36	2.19	16.55	0.045
15.47	56690	3695	16QAM	10MHz	1	0	0-1	1	15.47	2.19	17.66	0.058
15.48	56690	3695	16QAM	10MHz	1	24	0-1	1	15.48	2.19	17.67	0.058
15.35	56690	3695	16QAM	10MHz	1	49	0-1	1	15.35	2.19	17.54	0.057
14.53	56690	3695	16QAM	10MHz	25	0	0-2	2	14.53	2.19	16.72	0.047
14.34	56690	3695	16QAM	10MHz	25	12	0-2	2	14.34	2.19	16.53	0.045
14.45	56690	3695	16QAM	10MHz	25	25	0-2	2	14.45	2.19	16.64	0.046
14.42	56690	3695	16QAM	10MHz	50	0	0-2	2	14.42	2.19	16.61	0.046
14.32	55290	3555	64QAM	10MHz	1	0	0-2	2	14.32	2.19	16.51	0.045
14.41	55290	3555	64QAM	10MHz	1	24	0-2	2	14.41	2.19	16.60	0.046
14.51	55290	3555	64QAM	10MHz	1	49	0-2	2	14.51	2.19	16.70	0.047
13.52	55290	3555	64QAM	10MHz	25	0	0-3	3	13.52	2.19	15.71	0.037
13.41	55290	3555	64QAM	10MHz	25	12	0-3	3	13.41	2.19	15.60	0.036
13.39	55290	3555	64QAM	10MHz	25	25	0-3	3	13.39	2.19	15.58	0.036
13.30	55290	3555	64QAM	10MHz	50	0	0-3	3	13.30	2.19	15.49	0.035
14.44	55990	3625	64QAM	10MHz	1	0	0-2	2	14.44	2.19	16.63	0.046
14.39	55990	3625	64QAM	10MHz	1	24	0-2	2	14.39	2.19	16.58	0.045
14.46	55990	3625	64QAM	10MHz	1	49	0-2	2	14.46	2.19	16.65	0.046
13.40	55990	3625	64QAM	10MHz	25	0	0-3	3	13.40	2.19	15.59	0.036
13.41	55990	3625	64QAM	10MHz	25	12	0-3	3	13.41	2.19	15.60	0.036
13.41	55990	3625	64QAM	10MHz	25	25	0-3	3	13.41	2.19	15.60	0.036
13.35	55990	3625	64QAM	10MHz	50	0	0-3	3	13.35	2.19	15.54	0.036
14.50	56690	3695	64QAM	10MHz	1	0	0-2	2	14.50	2.19	16.69	0.047
14.49	56690	3695	64QAM	10MHz	1	24	0-2	2	14.49	2.19	16.68	0.047
14.50	56690	3695	64QAM	10MHz	1	49	0-2	2	14.50	2.19	16.69	0.047
13.52	56690	3695	64QAM	10MHz	25	0	0-3	3	13.52	2.19	15.71	0.037
13.42	56690	3695	64QAM	10MHz	25	12	0-3	3	13.42	2.19	15.61	0.036
13.27	56690	3695	64QAM	10MHz	25	25	0-3	3	13.27	2.19	15.46	0.035
13.36	56690	3695	64QAM	10MHz	50	0	0-3	3	13.36	2.19	15.55	0.036

LTE Band 48												
Maximum Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	Maximum Average Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	EIRP(W)
16.70	55315	3557.5	QPSK	15MHz	1	0	0	0	16.70	2.19	18.89	0.077
16.53	55315	3557.5	QPSK	15MHz	1	37	0	0	16.53	2.19	18.72	0.074
16.53	55315	3557.5	QPSK	15MHz	1	74	0	0	16.53	2.19	18.72	0.074
15.64	55315	3557.5	QPSK	15MHz	36	0	0-1	1	15.64	2.19	17.83	0.061
15.45	55315	3557.5	QPSK	15MHz	36	19	0-1	1	15.45	2.19	17.64	0.058
15.51	55315	3557.5	QPSK	15MHz	36	39	0-1	1	15.51	2.19	17.70	0.059
15.45	55315	3557.5	QPSK	15MHz	75	0	0-1	1	15.45	2.19	17.64	0.058
16.79	55990	3625	QPSK	15MHz	1	0	0	0	16.79	2.19	18.98	0.079
16.47	55990	3625	QPSK	15MHz	1	37	0	0	16.47	2.19	18.66	0.073
16.43	55990	3625	QPSK	15MHz	1	74	0	0	16.43	2.19	18.62	0.073
15.44	55990	3625	QPSK	15MHz	36	0	0-1	1	15.44	2.19	17.63	0.058
15.59	55990	3625	QPSK	15MHz	36	19	0-1	1	15.59	2.19	17.78	0.060
15.49	55990	3625	QPSK	15MHz	36	39	0-1	1	15.49	2.19	17.68	0.059
15.42	55990	3625	QPSK	15MHz	75	0	0-1	1	15.42	2.19	17.61	0.058
16.72	56665	3692.5	QPSK	15MHz	1	0	0	0	16.72	2.19	18.91	0.078
16.46	56665	3692.5	QPSK	15MHz	1	37	0	0	16.46	2.19	18.65	0.073
16.51	56665	3692.5	QPSK	15MHz	1	74	0	0	16.51	2.19	18.70	0.074
15.52	56665	3692.5	QPSK	15MHz	36	0	0-1	1	15.52	2.19	17.71	0.059
15.55	56665	3692.5	QPSK	15MHz	36	19	0-1	1	15.55	2.19	17.74	0.059
15.47	56665	3692.5	QPSK	15MHz	36	39	0-1	1	15.47	2.19	17.66	0.058
15.47	56665	3692.5	QPSK	15MHz	75	0	0-1	1	15.47	2.19	17.66	0.058
15.55	55315	3557.5	16QAM	15MHz	1	0	0-1	1	15.55	2.19	17.74	0.059
15.33	55315	3557.5	16QAM	15MHz	1	37	0-1	1	15.33	2.19	17.52	0.056
15.32	55315	3557.5	16QAM	15MHz	1	74	0-1	1	15.32	2.19	17.51	0.056
14.53	55315	3557.5	16QAM	15MHz	36	0	0-2	2	14.53	2.19	16.72	0.047
14.58	55315	3557.5	16QAM	15MHz	36	19	0-2	2	14.58	2.19	16.77	0.048
14.52	55315	3557.5	16QAM	15MHz	36	39	0-2	2	14.52	2.19	16.71	0.047
14.26	55315	3557.5	16QAM	15MHz	75	0	0-2	2	14.26	2.19	16.45	0.044
15.53	55990	3625	16QAM	15MHz	1	0	0-1	1	15.53	2.19	17.72	0.059
15.38	55990	3625	16QAM	15MHz	1	37	0-1	1	15.38	2.19	17.57	0.057
15.38	55990	3625	16QAM	15MHz	1	74	0-1	1	15.38	2.19	17.57	0.057
14.53	55990	3625	16QAM	15MHz	36	0	0-2	2	14.53	2.19	16.72	0.047
14.39	55990	3625	16QAM	15MHz	36	19	0-2	2	14.39	2.19	16.58	0.045
14.47	55990	3625	16QAM	15MHz	36	39	0-2	2	14.47	2.19	16.66	0.046
14.43	55990	3625	16QAM	15MHz	75	0	0-2	2	14.43	2.19	16.62	0.046
15.44	56665	3692.5	16QAM	15MHz	1	0	0-1	1	15.44	2.19	17.63	0.058
15.44	56665	3692.5	16QAM	15MHz	1	37	0-1	1	15.44	2.19	17.63	0.058
15.32	56665	3692.5	16QAM	15MHz	1	74	0-1	1	15.32	2.19	17.51	0.056
14.59	56665	3692.5	16QAM	15MHz	36	0	0-2	2	14.59	2.19	16.78	0.048
14.41	56665	3692.5	16QAM	15MHz	36	19	0-2	2	14.41	2.19	16.60	0.046
14.44	56665	3692.5	16QAM	15MHz	36	39	0-2	2	14.44	2.19	16.63	0.046
14.39	56665	3692.5	16QAM	15MHz	75	0	0-2	2	14.39	2.19	16.58	0.045
14.38	55315	3557.5	64QAM	15MHz	1	0	0-2	2	14.38	2.19	16.57	0.045
14.40	55315	3557.5	64QAM	15MHz	1	37	0-2	2	14.40	2.19	16.59	0.046
14.44	55315	3557.5	64QAM	15MHz	1	74	0-2	2	14.44	2.19	16.63	0.046
13.50	55315	3557.5	64QAM	15MHz	36	0	0-3	3	13.50	2.19	15.69	0.037
13.46	55315	3557.5	64QAM	15MHz	36	19	0-3	3	13.46	2.19	15.65	0.037
13.37	55315	3557.5	64QAM	15MHz	36	39	0-3	3	13.37	2.19	15.56	0.036
13.33	55315	3557.5	64QAM	15MHz	75	0	0-3	3	13.33	2.19	15.52	0.036
14.46	55990	3625	64QAM	15MHz	1	0	0-2	2	14.46	2.19	16.65	0.046
14.36	55990	3625	64QAM	15MHz	1	37	0-2	2	14.36	2.19	16.55	0.045
14.54	55990	3625	64QAM	15MHz	1	74	0-2	2	14.54	2.19	16.73	0.047
13.44	55990	3625	64QAM	15MHz	36	0	0-3	3	13.44	2.19	15.63	0.037
13.45	55990	3625	64QAM	15MHz	36	19	0-3	3	13.45	2.19	15.64	0.037
13.33	55990	3625	64QAM	15MHz	36	39	0-3	3	13.33	2.19	15.52	0.036
13.41	55990	3625	64QAM	15MHz	75	0	0-3	3	13.41	2.19	15.60	0.036
14.50	56665	3692.5	64QAM	15MHz	1	0	0-2	2	14.50	2.19	16.69	0.047
14.47	56665	3692.5	64QAM	15MHz	1	37	0-2	2	14.47	2.19	16.66	0.046
14.56	56665	3692.5	64QAM	15MHz	1	74	0-2	2	14.56	2.19	16.75	0.047
13.48	56665	3692.5	64QAM	15MHz	36	0	0-3	3	13.48	2.19	15.67	0.037
13.39	56665	3692.5	64QAM	15MHz	36	19	0-3	3	13.39	2.19	15.58	0.036
13.33	56665	3692.5	64QAM	15MHz	36	39	0-3	3	13.33	2.19	15.52	0.036
13.34	56665	3692.5	64QAM	15MHz	75	0	0-3	3	13.34	2.19	15.53	0.036

LTE Band 48												
Maximum Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	MPR Allowed by 3GPP (dB)	Target MPR (dB)	Maximum Average Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	EIRP(W)
16.72	55340	3560	QPSK	20MHz	1	0	0	0	16.72	2.19	18.91	0.078
16.60	55340	3560	QPSK	20MHz	1	49	0	0	16.60	2.19	18.79	0.076
16.55	55340	3560	QPSK	20MHz	1	99	0	0	16.55	2.19	18.74	0.075
15.71	55340	3560	QPSK	20MHz	50	0	0-1	1	15.71	2.19	17.90	0.062
15.54	55340	3560	QPSK	20MHz	50	25	0-1	1	15.54	2.19	17.73	0.059
15.51	55340	3560	QPSK	20MHz	50	50	0-1	1	15.51	2.19	17.70	0.059
15.51	55340	3560	QPSK	20MHz	100	0	0-1	1	15.51	2.19	17.70	0.059
16.80	55990	3625	QPSK	20MHz	1	0	0	0	16.80	2.19	18.99	0.079
16.52	55990	3625	QPSK	20MHz	1	49	0	0	16.52	2.19	18.71	0.074
16.47	55990	3625	QPSK	20MHz	1	99	0	0	16.47	2.19	18.66	0.073
15.48	55990	3625	QPSK	20MHz	50	0	0-1	1	15.48	2.19	17.67	0.058
15.46	55990	3625	QPSK	20MHz	50	25	0-1	1	15.46	2.19	17.65	0.058
15.45	55990	3625	QPSK	20MHz	50	50	0-1	1	15.45	2.19	17.64	0.058
15.49	55990	3625	QPSK	20MHz	100	0	0-1	1	15.49	2.19	17.68	0.059
16.74	56640	3690	QPSK	20MHz	1	0	0	0	16.74	2.19	18.93	0.078
16.53	56640	3690	QPSK	20MHz	1	49	0	0	16.53	2.19	18.72	0.074
16.52	56640	3690	QPSK	20MHz	1	99	0	0	16.52	2.19	18.71	0.074
15.58	56640	3690	QPSK	20MHz	50	0	0-1	1	15.58	2.19	17.77	0.060
15.55	56640	3690	QPSK	20MHz	50	25	0-1	1	15.55	2.19	17.74	0.059
15.49	56640	3690	QPSK	20MHz	50	50	0-1	1	15.49	2.19	17.68	0.059
15.52	56640	3690	QPSK	20MHz	100	0	0-1	1	15.52	2.19	17.71	0.059
15.58	55340	3560	16QAM	20MHz	1	0	0-1	1	15.58	2.19	17.77	0.060
15.39	55340	3560	16QAM	20MHz	1	49	0-1	1	15.39	2.19	17.58	0.057
15.36	55340	3560	16QAM	20MHz	1	99	0-1	1	15.36	2.19	17.55	0.057
14.63	55340	3560	16QAM	20MHz	50	0	0-2	2	14.63	2.19	16.82	0.048
14.58	55340	3560	16QAM	20MHz	50	25	0-2	2	14.58	2.19	16.77	0.048
14.53	55340	3560	16QAM	20MHz	50	50	0-2	2	14.53	2.19	16.72	0.047
14.35	55340	3560	16QAM	20MHz	100	0	0-2	2	14.35	2.19	16.54	0.045
15.54	55990	3625	16QAM	20MHz	1	0	0-1	1	15.54	2.19	17.73	0.059
15.47	55990	3625	16QAM	20MHz	1	49	0-1	1	15.47	2.19	17.66	0.058
15.40	55990	3625	16QAM	20MHz	1	99	0-1	1	15.40	2.19	17.59	0.057
14.63	55990	3625	16QAM	20MHz	50	0	0-2	2	14.63	2.19	16.82	0.048
14.43	55990	3625	16QAM	20MHz	50	25	0-2	2	14.43	2.19	16.62	0.046
14.49	55990	3625	16QAM	20MHz	50	50	0-2	2	14.49	2.19	16.68	0.047
14.45	55990	3625	16QAM	20MHz	100	0	0-2	2	14.45	2.19	16.64	0.046
15.50	56640	3690	16QAM	20MHz	1	0	0-1	1	15.50	2.19	17.69	0.059
15.50	56640	3690	16QAM	20MHz	1	49	0-1	1	15.50	2.19	17.69	0.059
15.36	56640	3690	16QAM	20MHz	1	99	0-1	1	15.36	2.19	17.55	0.057
14.59	56640	3690	16QAM	20MHz	50	0	0-2	2	14.59	2.19	16.78	0.048
14.44	56640	3690	16QAM	20MHz	50	25	0-2	2	14.44	2.19	16.63	0.046
14.49	56640	3690	16QAM	20MHz	50	50	0-2	2	14.49	2.19	16.68	0.047
14.44	56640	3690	16QAM	20MHz	100	0	0-2	2	14.44	2.19	16.63	0.046
14.41	55340	3560	64QAM	20MHz	1	0	0-2	2	14.41	2.19	16.60	0.046
14.50	55340	3560	64QAM	20MHz	1	49	0-2	2	14.50	2.19	16.69	0.047
14.54	55340	3560	64QAM	20MHz	1	99	0-2	2	14.54	2.19	16.73	0.047
13.53	55340	3560	64QAM	20MHz	50	0	0-3	3	13.53	2.19	15.72	0.037
13.50	55340	3560	64QAM	20MHz	50	25	0-3	3	13.50	2.19	15.69	0.037
13.42	55340	3560	64QAM	20MHz	50	50	0-3	3	13.42	2.19	15.61	0.036
13.38	55340	3560	64QAM	20MHz	100	0	0-3	3	13.38	2.19	15.57	0.036
14.52	55990	3625	64QAM	20MHz	1	0	0-2	2	14.52	2.19	16.71	0.047
14.45	55990	3625	64QAM	20MHz	1	49	0-2	2	14.45	2.19	16.64	0.046
14.56	55990	3625	64QAM	20MHz	1	99	0-2	2	14.56	2.19	16.75	0.047
13.46	55990	3625	64QAM	20MHz	50	0	0-3	3	13.46	2.19	15.65	0.037
13.50	55990	3625	64QAM	20MHz	50	25	0-3	3	13.50	2.19	15.69	0.037
13.42	55990	3625	64QAM	20MHz	50	50	0-3	3	13.42	2.19	15.61	0.036
13.44	55990	3625	64QAM	20MHz	100	0	0-3	3	13.44	2.19	15.63	0.037
14.53	56640	3690	64QAM	20MHz	1	0	0-2	2	14.53	2.19	16.72	0.047
14.49	56640	3690	64QAM	20MHz	1	49	0-2	2	14.49	2.19	16.68	0.047
14.56	56640	3690	64QAM	20MHz	1	99	0-2	2	14.56	2.19	16.75	0.047
13.56	56640	3690	64QAM	20MHz	50	0	0-3	3	13.56	2.19	15.75	0.038
13.49	56640	3690	64QAM	20MHz	50	25	0-3	3	13.49	2.19	15.68	0.037
13.36	56640	3690	64QAM	20MHz	50	50	0-3	3	13.36	2.19	15.55	0.036
13.41	56640	3690	64QAM	20MHz	100	0	0-3	3	13.41	2.19	15.60	0.036