



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.14	0.082	19.20	0.083	19.22	0.084
10	QPSK	1	25	18.97	0.079	18.97	0.079	19.04	0.080
10	QPSK	1	49	19.13	0.082	19.24	0.084	19.07	0.081
10	QPSK	25	0	18.10	0.065	18.06	0.064	17.99	0.063
10	QPSK	25	12	17.99	0.063	17.98	0.063	18.00	0.063
10	QPSK	25	25	18.02	0.063	17.99	0.063	17.94	0.062
10	QPSK	50	0	18.01	0.063	17.97	0.063	18.17	0.066
10	16QAM	1	0	18.16	0.065	18.08	0.064	18.14	0.065
10	16QAM	1	25	18.05	0.064	17.91	0.062	18.11	0.065
10	16QAM	1	49	18.11	0.065	18.10	0.065	18.02	0.063
10	16QAM	25	0	17.00	0.050	16.91	0.049	16.90	0.049
10	16QAM	25	12	16.99	0.050	16.98	0.050	17.01	0.050
10	16QAM	25	25	17.17	0.052	16.93	0.049	17.03	0.050
10	16QAM	50	0	17.09	0.051	17.00	0.050	17.11	0.051
10	64QAM	1	0	17.08	0.051	17.02	0.050	17.14	0.052
10	64QAM	1	25	16.96	0.050	16.69	0.047	16.71	0.047
10	64QAM	1	49	17.03	0.050	17.11	0.051	17.05	0.051
10	64QAM	25	0	16.13	0.041	16.07	0.040	15.95	0.039
10	64QAM	25	12	16.06	0.040	16.02	0.040	16.02	0.040
10	64QAM	25	25	16.06	0.040	15.98	0.040	16.01	0.040
10	64QAM	50	0	16.12	0.041	16.08	0.041	16.09	0.041



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.95	0.079	18.97	0.079	18.99	0.079
5	QPSK	1	12	19.02	0.080	18.86	0.077	18.85	0.077
5	QPSK	1	24	19.03	0.080	18.87	0.077	18.84	0.077
5	QPSK	12	0	17.94	0.062	17.87	0.061	17.96	0.063
5	QPSK	12	7	18.01	0.063	18.00	0.063	17.97	0.063
5	QPSK	12	13	17.97	0.063	17.88	0.061	17.86	0.061
5	QPSK	25	0	18.03	0.064	17.97	0.063	17.95	0.062
5	16QAM	1	0	17.95	0.062	18.08	0.064	18.00	0.063
5	16QAM	1	12	18.05	0.064	17.99	0.063	17.95	0.062
5	16QAM	1	24	17.99	0.063	17.92	0.062	17.83	0.061
5	16QAM	12	0	16.99	0.050	16.98	0.050	16.97	0.050
5	16QAM	12	7	17.06	0.051	17.02	0.050	16.94	0.049
5	16QAM	12	13	16.93	0.049	16.90	0.049	16.88	0.049
5	16QAM	25	0	17.02	0.050	16.97	0.050	16.82	0.048
5	64QAM	1	0	16.76	0.047	16.78	0.048	16.91	0.049
5	64QAM	1	12	17.12	0.052	16.83	0.048	16.74	0.047
5	64QAM	1	24	16.90	0.049	16.76	0.047	16.63	0.046
5	64QAM	12	0	16.02	0.040	16.01	0.040	16.00	0.040
5	64QAM	12	7	16.13	0.041	16.13	0.041	16.04	0.040
5	64QAM	12	13	15.97	0.040	15.95	0.039	15.92	0.039
5	64QAM	25	0	16.06	0.040	16.00	0.040	15.93	0.039



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	18.87	0.077	18.78	0.076	18.90	0.078
3	QPSK	1	8	18.95	0.079	18.94	0.078	18.95	0.079
3	QPSK	1	14	18.95	0.079	18.87	0.077	18.84	0.077
3	QPSK	8	0	17.98	0.063	17.99	0.063	17.92	0.062
3	QPSK	8	4	18.03	0.064	17.96	0.063	17.89	0.062
3	QPSK	8	7	17.96	0.063	17.87	0.061	17.79	0.060
3	QPSK	15	0	17.99	0.063	17.98	0.063	17.88	0.061
3	16QAM	1	0	17.97	0.063	18.09	0.064	17.99	0.063
3	16QAM	1	8	18.06	0.064	17.96	0.063	17.93	0.062
3	16QAM	1	14	17.91	0.062	17.82	0.061	17.98	0.063
3	16QAM	8	0	16.96	0.050	17.04	0.051	16.92	0.049
3	16QAM	8	4	17.04	0.051	17.06	0.051	16.93	0.049
3	16QAM	8	7	17.00	0.050	16.95	0.050	16.88	0.049
3	16QAM	15	0	16.98	0.050	16.99	0.050	16.91	0.049
3	64QAM	1	0	16.55	0.045	16.78	0.048	16.91	0.049
3	64QAM	1	8	16.67	0.046	16.78	0.048	16.70	0.047
3	64QAM	1	14	16.75	0.047	16.86	0.049	16.56	0.045
3	64QAM	8	0	16.01	0.040	16.00	0.040	15.96	0.039
3	64QAM	8	4	16.10	0.041	16.12	0.041	16.05	0.040
3	64QAM	8	7	15.98	0.040	15.97	0.040	15.97	0.040
3	64QAM	15	0	16.10	0.041	16.06	0.040	15.90	0.039



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	18.87	0.077	18.95	0.079	18.70	0.074
1.4	QPSK	1	3	18.96	0.079	19.03	0.080	18.84	0.077
1.4	QPSK	1	5	18.99	0.079	18.99	0.079	18.69	0.074
1.4	QPSK	3	0	18.94	0.078	18.86	0.077	18.76	0.075
1.4	QPSK	3	1	18.93	0.078	18.87	0.077	18.81	0.076
1.4	QPSK	3	3	18.90	0.078	18.95	0.079	18.80	0.076
1.4	QPSK	6	0	17.96	0.063	17.83	0.061	17.90	0.062
1.4	16QAM	1	0	17.98	0.063	18.00	0.063	17.74	0.059
1.4	16QAM	1	3	18.06	0.064	17.96	0.063	17.83	0.061
1.4	16QAM	1	5	17.96	0.063	17.84	0.061	17.81	0.060
1.4	16QAM	3	0	17.92	0.062	17.96	0.063	17.90	0.062
1.4	16QAM	3	1	17.94	0.062	17.88	0.061	17.83	0.061
1.4	16QAM	3	3	17.98	0.063	17.96	0.063	17.84	0.061
1.4	16QAM	6	0	16.91	0.049	16.96	0.050	16.82	0.048
1.4	64QAM	1	0	16.49	0.045	16.55	0.045	16.70	0.047
1.4	64QAM	1	3	16.80	0.048	16.92	0.049	16.79	0.048
1.4	64QAM	1	5	16.81	0.048	16.56	0.045	16.70	0.047
1.4	64QAM	3	0	16.98	0.050	16.96	0.050	16.86	0.049
1.4	64QAM	3	1	17.17	0.052	16.92	0.049	16.89	0.049
1.4	64QAM	3	3	17.15	0.052	16.99	0.050	17.06	0.051
1.4	64QAM	6	0	15.92	0.039	15.83	0.038	15.81	0.038



LTE Band 30				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		27710		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	21.32	0.136	/	/
10	QPSK	1	25	/	/	21.17	0.131	/	/
10	QPSK	1	49	/	/	21.02	0.126	/	/
10	QPSK	25	0	/	/	20.26	0.106	/	/
10	QPSK	25	12	/	/	20.05	0.101	/	/
10	QPSK	25	25	/	/	19.92	0.098	/	/
10	QPSK	50	0	/	/	19.80	0.095	/	/
10	16QAM	1	0	/	/	20.43	0.110	/	/
10	16QAM	1	25	/	/	20.22	0.105	/	/
10	16QAM	1	49	/	/	20.04	0.101	/	/
10	16QAM	25	0	/	/	19.30	0.085	/	/
10	16QAM	25	12	/	/	19.11	0.081	/	/
10	16QAM	25	25	/	/	19.01	0.080	/	/
10	16QAM	50	0	/	/	18.81	0.076	/	/
10	64QAM	1	0	/	/	19.42	0.087	/	/
10	64QAM	1	25	/	/	19.39	0.087	/	/
10	64QAM	1	49	/	/	19.37	0.086	/	/
10	64QAM	25	0	/	/	18.66	0.073	/	/
10	64QAM	25	12	/	/	18.59	0.072	/	/
10	64QAM	25	25	/	/	18.52	0.071	/	/
10	64QAM	50	0	/	/	18.47	0.070	/	/



LTE Band 30				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				27685		27710		27735	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.17	0.131	21.19	0.132	21.13	0.130
5	QPSK	1	12	21.00	0.126	21.05	0.127	20.91	0.123
5	QPSK	1	24	20.77	0.119	20.93	0.124	20.78	0.120
5	QPSK	12	0	20.06	0.101	20.15	0.104	19.94	0.099
5	QPSK	12	7	19.83	0.096	19.94	0.099	19.90	0.098
5	QPSK	12	13	19.73	0.094	19.81	0.096	19.69	0.093
5	QPSK	25	0	19.55	0.090	19.69	0.093	19.49	0.089
5	16QAM	1	0	20.22	0.105	20.32	0.108	20.04	0.101
5	16QAM	1	12	20.03	0.101	20.07	0.102	19.98	0.100
5	16QAM	1	24	19.80	0.095	19.90	0.098	19.82	0.096
5	16QAM	12	0	19.19	0.083	19.23	0.084	19.15	0.082
5	16QAM	12	7	18.97	0.079	18.93	0.078	18.95	0.079
5	16QAM	12	13	18.81	0.076	18.89	0.077	18.79	0.076
5	16QAM	25	0	18.69	0.074	18.67	0.074	18.70	0.074
5	64QAM	1	0	19.24	0.084	19.26	0.084	19.18	0.083
5	64QAM	1	12	19.31	0.085	19.26	0.084	19.18	0.083
5	64QAM	1	24	19.23	0.084	19.28	0.085	19.10	0.081
5	64QAM	12	0	18.63	0.073	18.54	0.071	18.47	0.070
5	64QAM	12	7	18.54	0.071	18.47	0.070	18.45	0.070
5	64QAM	12	13	18.52	0.071	18.38	0.069	18.43	0.070
5	64QAM	25	0	18.48	0.070	18.36	0.069	18.42	0.070



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.24	0.167	22.32	0.171	22.30	0.170
20	QPSK	1	49	22.06	0.161	22.15	0.164	22.15	0.164
20	QPSK	1	99	21.87	0.154	22.02	0.159	22.03	0.160
20	QPSK	50	0	21.07	0.128	21.20	0.132	21.28	0.134
20	QPSK	50	24	20.93	0.124	21.00	0.126	21.18	0.131
20	QPSK	50	50	20.79	0.120	20.89	0.123	21.01	0.126
20	QPSK	100	0	20.58	0.114	20.73	0.118	20.90	0.123
20	16QAM	1	0	21.16	0.131	21.37	0.137	21.49	0.141
20	16QAM	1	49	21.03	0.127	21.21	0.132	21.35	0.136
20	16QAM	1	99	20.82	0.121	21.07	0.128	21.16	0.131
20	16QAM	50	0	20.07	0.102	20.33	0.108	20.49	0.112
20	16QAM	50	24	19.89	0.097	20.14	0.103	20.30	0.107
20	16QAM	50	50	19.71	0.094	20.00	0.100	20.10	0.102
20	16QAM	100	0	19.60	0.091	19.82	0.096	19.97	0.099
20	64QAM	1	0	20.23	0.105	20.44	0.111	20.58	0.114
20	64QAM	1	49	20.21	0.105	20.36	0.109	20.57	0.114
20	64QAM	1	99	20.13	0.103	20.33	0.108	20.52	0.113
20	64QAM	50	0	19.48	0.089	19.66	0.092	19.88	0.097
20	64QAM	50	24	19.47	0.089	19.65	0.092	19.87	0.097
20	64QAM	50	50	19.45	0.088	19.60	0.091	19.83	0.096
20	64QAM	100	0	19.41	0.087	19.53	0.090	19.79	0.095



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.08	0.161	22.20	0.166	22.17	0.165
15	QPSK	1	37	21.95	0.157	22.01	0.159	22.01	0.159
15	QPSK	1	74	21.71	0.148	21.86	0.153	21.90	0.155
15	QPSK	36	0	20.91	0.123	21.06	0.128	21.15	0.130
15	QPSK	36	20	20.83	0.121	20.89	0.123	21.04	0.127
15	QPSK	36	39	20.67	0.117	20.77	0.119	20.92	0.124
15	QPSK	75	0	20.49	0.112	20.58	0.114	20.77	0.119
15	16QAM	1	0	21.03	0.127	21.21	0.132	21.38	0.137
15	16QAM	1	37	20.89	0.123	21.05	0.127	21.22	0.132
15	16QAM	1	74	20.68	0.117	20.98	0.125	21.03	0.127
15	16QAM	36	0	19.99	0.100	20.16	0.104	20.33	0.108
15	16QAM	36	20	19.71	0.094	20.03	0.101	20.18	0.104
15	16QAM	36	39	19.57	0.091	19.90	0.098	19.96	0.099
15	16QAM	75	0	19.52	0.090	19.73	0.094	19.86	0.097
15	64QAM	1	0	20.08	0.102	20.30	0.107	20.50	0.112
15	64QAM	1	37	20.08	0.102	20.21	0.105	20.47	0.111
15	64QAM	1	74	20.00	0.100	20.20	0.105	20.40	0.110
15	64QAM	36	0	19.36	0.086	19.53	0.090	19.75	0.094
15	64QAM	36	20	19.37	0.086	19.56	0.090	19.77	0.095
15	64QAM	36	39	19.36	0.086	19.46	0.088	19.73	0.094
15	64QAM	75	0	19.29	0.085	19.41	0.087	19.69	0.093



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.02	0.159	22.18	0.165	22.13	0.163
10	QPSK	1	25	21.92	0.156	21.91	0.155	22.00	0.158
10	QPSK	1	49	21.68	0.147	21.79	0.151	21.87	0.154
10	QPSK	25	0	20.85	0.122	20.98	0.125	21.11	0.129
10	QPSK	25	12	20.77	0.119	20.80	0.120	21.03	0.127
10	QPSK	25	25	20.62	0.115	20.71	0.118	20.86	0.122
10	QPSK	50	0	20.42	0.110	20.54	0.113	20.74	0.119
10	16QAM	1	0	21.00	0.126	21.18	0.131	21.36	0.137
10	16QAM	1	25	20.83	0.121	21.04	0.127	21.14	0.130
10	16QAM	1	49	20.64	0.116	20.95	0.124	21.00	0.126
10	16QAM	25	0	19.89	0.097	20.14	0.103	20.31	0.107
10	16QAM	25	12	19.66	0.092	20.01	0.100	20.17	0.104
10	16QAM	25	25	19.51	0.089	19.79	0.095	19.88	0.097
10	16QAM	50	0	19.41	0.087	19.63	0.092	19.79	0.095
10	64QAM	1	0	20.00	0.100	20.29	0.107	20.45	0.111
10	64QAM	1	25	20.01	0.100	20.21	0.105	20.37	0.109
10	64QAM	1	49	19.96	0.099	20.19	0.104	20.40	0.110
10	64QAM	25	0	19.30	0.085	19.53	0.090	19.73	0.094
10	64QAM	25	12	19.35	0.086	19.45	0.088	19.70	0.093
10	64QAM	25	25	19.24	0.084	19.44	0.088	19.69	0.093
10	64QAM	50	0	19.30	0.085	19.35	0.086	19.62	0.092



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.04	0.160	22.16	0.164	22.15	0.164
5	QPSK	1	12	21.92	0.156	21.95	0.157	21.96	0.157
5	QPSK	1	24	21.68	0.147	21.78	0.151	21.84	0.153
5	QPSK	12	0	20.88	0.122	20.94	0.124	21.11	0.129
5	QPSK	12	7	20.76	0.119	20.79	0.120	21.00	0.126
5	QPSK	12	13	20.59	0.115	20.68	0.117	20.85	0.122
5	QPSK	25	0	20.40	0.110	20.50	0.112	20.72	0.118
5	16QAM	1	0	20.98	0.125	21.20	0.132	21.32	0.136
5	16QAM	1	12	20.82	0.121	21.06	0.128	21.14	0.130
5	16QAM	1	24	20.63	0.116	20.95	0.124	20.97	0.125
5	16QAM	12	0	19.89	0.097	20.14	0.103	20.30	0.107
5	16QAM	12	7	19.66	0.092	20.01	0.100	20.15	0.104
5	16QAM	12	13	19.49	0.089	19.82	0.096	19.86	0.097
5	16QAM	25	0	19.41	0.087	19.65	0.092	19.78	0.095
5	64QAM	1	0	20.01	0.100	20.26	0.106	20.43	0.110
5	64QAM	1	12	20.01	0.100	20.18	0.104	20.36	0.109
5	64QAM	1	24	19.97	0.099	20.17	0.104	20.37	0.109
5	64QAM	12	0	19.33	0.086	19.49	0.089	19.72	0.094
5	64QAM	12	7	19.33	0.086	19.44	0.088	19.75	0.094
5	64QAM	12	13	19.25	0.084	19.45	0.088	19.66	0.092
5	64QAM	25	0	19.27	0.085	19.36	0.086	19.63	0.092



LTE Band 40 Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		38750		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	22.86	0.193	/	/
10	QPSK	1	25	/	/	22.68	0.185	/	/
10	QPSK	1	49	/	/	22.54	0.179	/	/
10	QPSK	25	0	/	/	21.73	0.149	/	/
10	QPSK	25	12	/	/	21.56	0.143	/	/
10	QPSK	25	25	/	/	21.45	0.140	/	/
10	QPSK	50	0	/	/	21.33	0.136	/	/
10	16QAM	1	0	/	/	21.93	0.156	/	/
10	16QAM	1	25	/	/	21.75	0.150	/	/
10	16QAM	1	49	/	/	21.57	0.144	/	/
10	16QAM	25	0	/	/	20.89	0.123	/	/
10	16QAM	25	12	/	/	20.78	0.120	/	/
10	16QAM	25	25	/	/	20.65	0.116	/	/
10	16QAM	50	0	/	/	20.48	0.112	/	/
10	64QAM	1	0	/	/	21.06	0.128	/	/
10	64QAM	1	25	/	/	21.01	0.126	/	/
10	64QAM	1	49	/	/	20.96	0.125	/	/
10	64QAM	25	0	/	/	20.29	0.107	/	/
10	64QAM	25	12	/	/	20.24	0.106	/	/
10	64QAM	25	25	/	/	20.24	0.106	/	/
10	64QAM	50	0	/	/	20.21	0.105	/	/



LTE Band 40 Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				38725		38750		38775	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.62	0.183	22.74	0.188	22.72	0.187
5	QPSK	1	12	22.47	0.177	22.55	0.180	22.55	0.180
5	QPSK	1	24	22.21	0.166	22.45	0.176	22.34	0.171
5	QPSK	12	0	21.42	0.139	21.67	0.147	21.61	0.145
5	QPSK	12	7	21.33	0.136	21.57	0.144	21.41	0.138
5	QPSK	12	13	21.19	0.132	21.35	0.136	21.20	0.132
5	QPSK	25	0	21.02	0.126	21.12	0.129	21.02	0.126
5	16QAM	1	0	21.62	0.145	21.87	0.154	21.78	0.151
5	16QAM	1	12	21.43	0.139	21.73	0.149	21.59	0.144
5	16QAM	1	24	21.14	0.130	21.52	0.142	21.48	0.141
5	16QAM	12	0	20.50	0.112	20.92	0.124	20.76	0.119
5	16QAM	12	7	20.46	0.111	20.63	0.116	20.60	0.115
5	16QAM	12	13	20.26	0.106	20.51	0.112	20.48	0.112
5	16QAM	25	0	20.13	0.103	20.34	0.108	20.35	0.108
5	64QAM	1	0	20.69	0.117	20.97	0.125	20.89	0.123
5	64QAM	1	12	20.66	0.116	20.89	0.123	20.87	0.122
5	64QAM	1	24	20.66	0.116	20.87	0.122	20.85	0.122
5	64QAM	12	0	20.00	0.100	20.14	0.103	20.15	0.104
5	64QAM	12	7	20.02	0.100	20.16	0.104	20.08	0.102
5	64QAM	12	13	19.92	0.098	20.07	0.102	20.10	0.102
5	64QAM	25	0	19.87	0.097	20.04	0.101	19.95	0.099



LTE Band 40 Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		39200		/	
Frequency (MHz)				/		2355		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	22.90	0.195	/	/
10	QPSK	1	25	/	/	22.69	0.186	/	/
10	QPSK	1	49	/	/	22.57	0.181	/	/
10	QPSK	25	0	/	/	21.82	0.152	/	/
10	QPSK	25	12	/	/	21.72	0.149	/	/
10	QPSK	25	25	/	/	21.57	0.144	/	/
10	QPSK	50	0	/	/	21.39	0.138	/	/
10	16QAM	1	0	/	/	21.97	0.157	/	/
10	16QAM	1	25	/	/	21.81	0.152	/	/
10	16QAM	1	49	/	/	21.70	0.148	/	/
10	16QAM	25	0	/	/	21.00	0.126	/	/
10	16QAM	25	12	/	/	20.86	0.122	/	/
10	16QAM	25	25	/	/	20.70	0.117	/	/
10	16QAM	50	0	/	/	20.55	0.114	/	/
10	64QAM	1	0	/	/	21.19	0.132	/	/
10	64QAM	1	25	/	/	21.19	0.132	/	/
10	64QAM	1	49	/	/	21.13	0.130	/	/
10	64QAM	25	0	/	/	20.49	0.112	/	/
10	64QAM	25	12	/	/	20.47	0.111	/	/
10	64QAM	25	25	/	/	20.39	0.109	/	/
10	64QAM	50	0	/	/	20.33	0.108	/	/



LTE Band 40 Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39175		39200		39225	
Frequency (MHz)				2352.5		2355		2357.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.67	0.185	22.74	0.188	22.71	0.187
5	QPSK	1	12	22.55	0.180	22.63	0.183	22.61	0.182
5	QPSK	1	24	22.26	0.168	22.44	0.175	22.40	0.174
5	QPSK	12	0	21.40	0.138	21.73	0.149	21.63	0.146
5	QPSK	12	7	21.37	0.137	21.58	0.144	21.39	0.138
5	QPSK	12	13	21.28	0.134	21.35	0.136	21.30	0.135
5	QPSK	25	0	21.08	0.128	21.19	0.132	21.06	0.128
5	16QAM	1	0	21.67	0.147	21.88	0.154	21.82	0.152
5	16QAM	1	12	21.48	0.141	21.83	0.152	21.65	0.146
5	16QAM	1	24	21.22	0.132	21.61	0.145	21.54	0.143
5	16QAM	12	0	20.51	0.112	20.94	0.124	20.80	0.120
5	16QAM	12	7	20.44	0.111	20.66	0.116	20.69	0.117
5	16QAM	12	13	20.25	0.106	20.57	0.114	20.52	0.113
5	16QAM	25	0	20.15	0.104	20.41	0.110	20.41	0.110
5	64QAM	1	0	20.77	0.119	21.01	0.126	20.91	0.123
5	64QAM	1	12	20.68	0.117	20.98	0.125	20.93	0.124
5	64QAM	1	24	20.72	0.118	20.91	0.123	20.88	0.122
5	64QAM	12	0	20.03	0.101	20.16	0.104	20.18	0.104
5	64QAM	12	7	20.05	0.101	20.15	0.104	20.16	0.104
5	64QAM	12	13	19.98	0.100	20.08	0.102	20.16	0.104
5	64QAM	25	0	19.96	0.099	20.08	0.102	19.97	0.099



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.46	0.140	21.53	0.142	21.50	0.141
20	QPSK	1	49	21.29	0.135	21.36	0.137	21.32	0.136
20	QPSK	1	99	21.19	0.132	21.18	0.131	21.20	0.132
20	QPSK	50	0	20.43	0.110	20.44	0.111	20.43	0.110
20	QPSK	50	24	20.23	0.105	20.28	0.107	20.31	0.107
20	QPSK	50	50	20.02	0.100	20.11	0.103	20.20	0.105
20	QPSK	100	0	19.89	0.097	19.94	0.099	20.08	0.102
20	16QAM	1	0	20.55	0.114	20.58	0.114	20.72	0.118
20	16QAM	1	49	20.43	0.110	20.42	0.110	20.58	0.114
20	16QAM	1	99	20.25	0.106	20.32	0.108	20.48	0.112
20	16QAM	50	0	19.51	0.089	19.62	0.092	19.78	0.095
20	16QAM	50	24	19.35	0.086	19.45	0.088	19.67	0.093
20	16QAM	50	50	19.18	0.083	19.33	0.086	19.56	0.090
20	16QAM	100	0	19.06	0.081	19.13	0.082	19.39	0.087
20	64QAM	1	0	19.59	0.091	19.78	0.095	19.95	0.099
20	64QAM	1	49	19.55	0.090	19.71	0.094	19.91	0.098
20	64QAM	1	99	19.51	0.089	19.64	0.092	19.85	0.097
20	64QAM	50	0	18.85	0.077	18.95	0.079	19.20	0.083
20	64QAM	50	24	18.83	0.076	18.91	0.078	19.13	0.082
20	64QAM	50	50	18.83	0.076	18.87	0.077	19.10	0.081
20	64QAM	100	0	18.82	0.076	18.81	0.076	19.03	0.080



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.38	0.137	21.35	0.136	21.39	0.138
15	QPSK	1	37	21.25	0.133	21.22	0.132	21.21	0.132
15	QPSK	1	74	21.02	0.126	21.02	0.126	20.98	0.125
15	QPSK	36	0	20.28	0.107	20.30	0.107	20.24	0.106
15	QPSK	36	20	20.21	0.105	20.20	0.105	20.12	0.103
15	QPSK	36	39	19.96	0.099	19.95	0.099	19.97	0.099
15	QPSK	75	0	19.87	0.097	19.87	0.097	19.74	0.094
15	16QAM	1	0	20.47	0.111	20.52	0.113	20.43	0.110
15	16QAM	1	37	20.37	0.109	20.37	0.109	20.25	0.106
15	16QAM	1	74	20.23	0.105	20.22	0.105	20.07	0.102
15	16QAM	36	0	19.52	0.090	19.51	0.089	19.45	0.088
15	16QAM	36	20	19.39	0.087	19.36	0.086	19.31	0.085
15	16QAM	36	39	19.21	0.083	19.23	0.084	19.12	0.082
15	16QAM	75	0	19.03	0.080	19.07	0.081	18.96	0.079
15	64QAM	1	0	19.55	0.090	19.54	0.090	19.60	0.091
15	64QAM	1	37	19.60	0.091	19.58	0.091	19.55	0.090
15	64QAM	1	74	19.55	0.090	19.56	0.090	19.49	0.089
15	64QAM	36	0	18.83	0.076	18.83	0.076	18.91	0.078
15	64QAM	36	20	18.83	0.076	18.82	0.076	18.84	0.077
15	64QAM	36	39	18.80	0.076	18.81	0.076	18.73	0.075
15	64QAM	75	0	18.78	0.076	18.73	0.075	18.71	0.074



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.31	0.135	21.34	0.136	21.35	0.136
10	QPSK	1	25	21.23	0.133	21.19	0.132	21.18	0.131
10	QPSK	1	49	20.99	0.126	20.96	0.125	20.95	0.124
10	QPSK	25	0	20.27	0.106	20.27	0.106	20.22	0.105
10	QPSK	25	12	20.18	0.104	20.15	0.104	20.09	0.102
10	QPSK	25	25	19.96	0.099	19.91	0.098	19.92	0.098
10	QPSK	50	0	19.79	0.095	19.83	0.096	19.72	0.094
10	16QAM	1	0	20.45	0.111	20.44	0.111	20.42	0.110
10	16QAM	1	25	20.32	0.108	20.33	0.108	20.23	0.105
10	16QAM	1	49	20.18	0.104	20.21	0.105	20.06	0.101
10	16QAM	25	0	19.50	0.089	19.51	0.089	19.42	0.087
10	16QAM	25	12	19.31	0.085	19.33	0.086	19.28	0.085
10	16QAM	25	25	19.21	0.083	19.18	0.083	19.11	0.081
10	16QAM	50	0	19.03	0.080	19.00	0.079	18.98	0.079
10	64QAM	1	0	19.50	0.089	19.56	0.090	19.57	0.091
10	64QAM	1	25	19.53	0.090	19.55	0.090	19.56	0.090
10	64QAM	1	49	19.52	0.090	19.49	0.089	19.46	0.088
10	64QAM	25	0	18.78	0.076	18.78	0.076	18.88	0.077
10	64QAM	25	12	18.79	0.076	18.78	0.076	18.81	0.076
10	64QAM	25	25	18.75	0.075	18.75	0.075	18.72	0.074
10	64QAM	50	0	18.74	0.075	18.73	0.075	18.66	0.073



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.31	0.135	21.30	0.135	21.38	0.137
5	QPSK	1	12	21.20	0.132	21.21	0.132	21.18	0.131
5	QPSK	1	24	20.99	0.126	20.98	0.125	20.96	0.125
5	QPSK	12	0	20.22	0.105	20.25	0.106	20.21	0.105
5	QPSK	12	7	20.16	0.104	20.14	0.103	20.07	0.102
5	QPSK	12	13	19.97	0.099	19.92	0.098	19.93	0.098
5	QPSK	25	0	19.81	0.096	19.79	0.095	19.74	0.094
5	16QAM	1	0	20.46	0.111	20.45	0.111	20.40	0.110
5	16QAM	1	12	20.32	0.108	20.35	0.108	20.23	0.105
5	16QAM	1	24	20.16	0.104	20.17	0.104	20.08	0.102
5	16QAM	12	0	19.48	0.089	19.50	0.089	19.43	0.088
5	16QAM	12	7	19.32	0.086	19.31	0.085	19.29	0.085
5	16QAM	12	13	19.18	0.083	19.17	0.083	19.09	0.081
5	16QAM	25	0	19.05	0.080	19.05	0.080	18.99	0.079
5	64QAM	1	0	19.53	0.090	19.51	0.089	19.58	0.091
5	64QAM	1	12	19.56	0.090	19.54	0.090	19.56	0.090
5	64QAM	1	24	19.48	0.089	19.52	0.090	19.50	0.089
5	64QAM	12	0	18.80	0.076	18.82	0.076	18.85	0.077
5	64QAM	12	7	18.75	0.075	18.81	0.076	18.78	0.076
5	64QAM	12	13	18.76	0.075	18.78	0.076	18.72	0.074
5	64QAM	25	0	18.70	0.074	18.75	0.075	18.69	0.074



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.09	0.204	23.16	0.207	23.12	0.205
20	QPSK	1	49	22.92	0.196	23.05	0.202	22.90	0.195
20	QPSK	1	99	22.73	0.187	22.90	0.195	22.72	0.187
20	QPSK	50	0	21.91	0.155	22.11	0.163	21.96	0.157
20	QPSK	50	24	21.72	0.149	21.91	0.155	21.74	0.149
20	QPSK	50	50	21.62	0.145	21.80	0.151	21.53	0.142
20	QPSK	100	0	21.46	0.140	21.64	0.146	21.36	0.137
20	16QAM	1	0	22.11	0.163	22.27	0.169	22.05	0.160
20	16QAM	1	49	21.95	0.157	22.10	0.162	21.95	0.157
20	16QAM	1	99	21.81	0.152	21.99	0.158	21.77	0.150
20	16QAM	50	0	21.13	0.130	21.27	0.134	21.05	0.127
20	16QAM	50	24	21.01	0.126	21.06	0.128	20.94	0.124
20	16QAM	50	50	20.85	0.122	20.90	0.123	20.82	0.121
20	16QAM	100	0	20.67	0.117	20.73	0.118	20.65	0.116
20	64QAM	1	0	21.21	0.132	21.33	0.136	21.24	0.133
20	64QAM	1	49	21.18	0.131	21.26	0.134	21.16	0.131
20	64QAM	1	99	21.18	0.131	21.20	0.132	21.13	0.130
20	64QAM	50	0	20.51	0.112	20.49	0.112	20.46	0.111
20	64QAM	50	24	20.50	0.112	20.45	0.111	20.38	0.109
20	64QAM	50	50	20.45	0.111	20.43	0.110	20.34	0.108
20	64QAM	100	0	20.43	0.110	20.36	0.109	20.27	0.106



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.98	0.199	23.03	0.201	23.01	0.200
15	QPSK	1	37	22.76	0.189	22.93	0.196	22.75	0.188
15	QPSK	1	74	22.64	0.184	22.81	0.191	22.63	0.183
15	QPSK	36	0	21.78	0.151	22.03	0.160	21.85	0.153
15	QPSK	36	20	21.62	0.145	21.81	0.152	21.62	0.145
15	QPSK	36	39	21.49	0.141	21.65	0.146	21.43	0.139
15	QPSK	75	0	21.29	0.135	21.54	0.143	21.26	0.134
15	16QAM	1	0	22.02	0.159	22.15	0.164	21.93	0.156
15	16QAM	1	37	21.80	0.151	22.01	0.159	21.83	0.152
15	16QAM	1	74	21.65	0.146	21.82	0.152	21.71	0.148
15	16QAM	36	0	21.07	0.128	21.17	0.131	20.89	0.123
15	16QAM	36	20	20.87	0.122	20.89	0.123	20.87	0.122
15	16QAM	36	39	20.75	0.119	20.75	0.119	20.72	0.118
15	16QAM	75	0	20.54	0.113	20.58	0.114	20.53	0.113
15	64QAM	1	0	21.09	0.129	21.20	0.132	21.17	0.131
15	64QAM	1	37	21.06	0.128	21.13	0.130	21.06	0.128
15	64QAM	1	74	21.06	0.128	21.03	0.127	21.00	0.126
15	64QAM	36	0	20.42	0.110	20.39	0.109	20.35	0.108
15	64QAM	36	20	20.41	0.110	20.31	0.107	20.30	0.107
15	64QAM	36	39	20.33	0.108	20.32	0.108	20.19	0.104
15	64QAM	75	0	20.29	0.107	20.23	0.105	20.10	0.102



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.94	0.197	22.96	0.198	22.92	0.196
10	QPSK	1	25	22.73	0.187	22.86	0.193	22.67	0.185
10	QPSK	1	49	22.56	0.180	22.77	0.189	22.56	0.180
10	QPSK	25	0	21.71	0.148	21.93	0.156	21.80	0.151
10	QPSK	25	12	21.53	0.142	21.71	0.148	21.57	0.144
10	QPSK	25	25	21.44	0.139	21.58	0.144	21.37	0.137
10	QPSK	50	0	21.27	0.134	21.47	0.140	21.18	0.131
10	16QAM	1	0	21.96	0.157	22.09	0.162	21.88	0.154
10	16QAM	1	25	21.78	0.151	21.94	0.156	21.75	0.150
10	16QAM	1	49	21.62	0.145	21.77	0.150	21.63	0.146
10	16QAM	25	0	20.99	0.126	21.10	0.129	20.87	0.122
10	16QAM	25	12	20.86	0.122	20.87	0.122	20.79	0.120
10	16QAM	25	25	20.68	0.117	20.74	0.119	20.67	0.117
10	16QAM	50	0	20.49	0.112	20.58	0.114	20.46	0.111
10	64QAM	1	0	21.03	0.127	21.12	0.129	21.11	0.129
10	64QAM	1	25	21.03	0.127	21.11	0.129	20.96	0.125
10	64QAM	1	49	21.01	0.126	20.99	0.126	20.93	0.124
10	64QAM	25	0	20.38	0.109	20.32	0.108	20.31	0.107
10	64QAM	25	12	20.34	0.108	20.31	0.107	20.20	0.105
10	64QAM	25	25	20.30	0.107	20.25	0.106	20.12	0.103
10	64QAM	50	0	20.23	0.105	20.16	0.104	20.06	0.101



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.00	0.200	23.02	0.200	22.98	0.199
5	QPSK	1	12	22.77	0.189	22.94	0.197	22.74	0.188
5	QPSK	1	24	22.60	0.182	22.80	0.191	22.59	0.182
5	QPSK	12	0	21.79	0.151	21.98	0.158	21.86	0.153
5	QPSK	12	7	21.61	0.145	21.80	0.151	21.61	0.145
5	QPSK	12	13	21.46	0.140	21.64	0.146	21.43	0.139
5	QPSK	25	0	21.32	0.136	21.51	0.142	21.26	0.134
5	16QAM	1	0	22.03	0.160	22.16	0.164	21.91	0.155
5	16QAM	1	12	21.85	0.153	22.01	0.159	21.79	0.151
5	16QAM	1	24	21.66	0.147	21.84	0.153	21.70	0.148
5	16QAM	12	0	21.02	0.126	21.15	0.130	20.91	0.123
5	16QAM	12	7	20.90	0.123	20.92	0.124	20.84	0.121
5	16QAM	12	13	20.75	0.119	20.75	0.119	20.69	0.117
5	16QAM	25	0	20.54	0.113	20.64	0.116	20.52	0.113
5	64QAM	1	0	21.07	0.128	21.18	0.131	21.17	0.131
5	64QAM	1	12	21.06	0.128	21.12	0.129	21.08	0.128
5	64QAM	1	24	21.06	0.128	21.06	0.128	20.99	0.126
5	64QAM	12	0	20.42	0.110	20.38	0.109	20.40	0.110
5	64QAM	12	7	20.39	0.109	20.33	0.108	20.28	0.107
5	64QAM	12	13	20.33	0.108	20.28	0.107	20.20	0.105
5	64QAM	25	0	20.33	0.108	20.21	0.105	20.14	0.103



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.98	0.199	22.99	0.199	22.98	0.199
3	QPSK	1	8	22.75	0.188	22.95	0.197	22.72	0.187
3	QPSK	1	14	22.60	0.182	22.76	0.189	22.59	0.182
3	QPSK	8	0	21.70	0.148	21.97	0.157	21.84	0.153
3	QPSK	8	4	21.53	0.142	21.75	0.150	21.58	0.144
3	QPSK	8	7	21.42	0.139	21.60	0.145	21.40	0.138
3	QPSK	15	0	21.25	0.133	21.48	0.141	21.19	0.132
3	16QAM	1	0	22.00	0.158	22.12	0.163	21.88	0.154
3	16QAM	1	8	21.81	0.152	21.96	0.157	21.78	0.151
3	16QAM	1	14	21.63	0.146	21.78	0.151	21.65	0.146
3	16QAM	8	0	21.04	0.127	21.13	0.130	20.86	0.122
3	16QAM	8	4	20.86	0.122	20.87	0.122	20.78	0.120
3	16QAM	8	7	20.69	0.117	20.75	0.119	20.71	0.118
3	16QAM	15	0	20.47	0.111	20.56	0.114	20.50	0.112
3	64QAM	1	0	21.03	0.127	21.18	0.131	21.11	0.129
3	64QAM	1	8	21.07	0.128	21.13	0.130	21.01	0.126
3	64QAM	1	14	21.01	0.126	21.05	0.127	20.99	0.126
3	64QAM	8	0	20.37	0.109	20.34	0.108	20.32	0.108
3	64QAM	8	4	20.37	0.109	20.30	0.107	20.28	0.107
3	64QAM	8	7	20.31	0.107	20.24	0.106	20.18	0.104
3	64QAM	15	0	20.25	0.106	20.18	0.104	20.12	0.103



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	23.00	0.200	23.02	0.200	22.99	0.199
1.4	QPSK	1	3	22.79	0.190	22.97	0.198	22.76	0.189
1.4	QPSK	1	5	22.64	0.184	22.81	0.191	22.60	0.182
1.4	QPSK	3	0	21.75	0.150	21.98	0.158	21.83	0.152
1.4	QPSK	3	1	21.56	0.143	21.81	0.152	21.62	0.145
1.4	QPSK	3	3	21.49	0.141	21.66	0.147	21.39	0.138
1.4	QPSK	6	0	21.32	0.136	21.51	0.142	21.27	0.134
1.4	16QAM	1	0	22.00	0.158	22.13	0.163	21.91	0.155
1.4	16QAM	1	3	21.85	0.153	22.00	0.158	21.81	0.152
1.4	16QAM	1	5	21.67	0.147	21.85	0.153	21.69	0.148
1.4	16QAM	3	0	21.05	0.127	21.13	0.130	20.92	0.124
1.4	16QAM	3	1	20.92	0.124	20.92	0.124	20.83	0.121
1.4	16QAM	3	3	20.72	0.118	20.74	0.119	20.72	0.118
1.4	16QAM	6	0	20.53	0.113	20.62	0.115	20.50	0.112
1.4	64QAM	1	0	21.06	0.128	21.17	0.131	21.16	0.131
1.4	64QAM	1	3	21.08	0.128	21.17	0.131	21.02	0.126
1.4	64QAM	1	5	21.08	0.128	21.06	0.128	21.03	0.127
1.4	64QAM	3	0	20.43	0.110	20.39	0.109	20.35	0.108
1.4	64QAM	3	1	20.41	0.110	20.35	0.108	20.26	0.106
1.4	64QAM	3	3	20.35	0.108	20.26	0.106	20.24	0.106
1.4	64QAM	6	0	20.28	0.107	20.20	0.105	20.15	0.104



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133222		133322		133372	
Frequency (MHz)				673		683		688	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	14.31	0.027	14.43	0.028	14.38	0.027
20	QPSK	1	49	14.28	0.027	14.23	0.026	14.20	0.026
20	QPSK	1	99	14.01	0.025	14.08	0.026	14.03	0.025
20	QPSK	50	0	13.26	0.021	13.32	0.021	13.23	0.021
20	QPSK	50	24	13.18	0.021	13.13	0.021	13.16	0.021
20	QPSK	50	50	13.05	0.020	12.98	0.020	12.98	0.020
20	QPSK	100	0	12.90	0.019	12.79	0.019	12.89	0.019
20	16QAM	1	0	13.54	0.023	13.45	0.022	13.49	0.022
20	16QAM	1	49	13.29	0.021	13.29	0.021	13.24	0.021
20	16QAM	1	99	13.24	0.021	13.09	0.020	13.14	0.021
20	16QAM	50	0	12.53	0.018	12.38	0.017	12.47	0.018
20	16QAM	50	24	12.38	0.017	12.22	0.017	12.20	0.017
20	16QAM	50	50	12.27	0.017	12.11	0.016	12.08	0.016
20	16QAM	100	0	12.09	0.016	11.91	0.016	11.99	0.016
20	64QAM	1	0	12.69	0.019	12.58	0.018	12.54	0.018
20	64QAM	1	49	12.57	0.018	12.55	0.018	12.52	0.018
20	64QAM	1	99	12.60	0.018	12.57	0.018	12.49	0.018
20	64QAM	50	0	11.98	0.016	11.86	0.015	11.79	0.015
20	64QAM	50	24	11.88	0.015	11.82	0.015	11.74	0.015
20	64QAM	50	50	11.83	0.015	11.77	0.015	11.71	0.015
20	64QAM	100	0	11.74	0.015	11.74	0.015	11.62	0.015



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133197		133297		133397	
Frequency (MHz)				670.5		680.5		690.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	14.17	0.026	14.30	0.027	14.23	0.026
15	QPSK	1	37	14.20	0.026	14.13	0.026	14.08	0.026
15	QPSK	1	74	13.88	0.024	13.95	0.025	13.91	0.025
15	QPSK	36	0	13.22	0.021	13.18	0.021	13.13	0.021
15	QPSK	36	20	13.03	0.020	12.99	0.020	13.07	0.020
15	QPSK	36	39	12.94	0.020	12.84	0.019	12.85	0.019
15	QPSK	75	0	12.79	0.019	12.66	0.018	12.76	0.019
15	16QAM	1	0	13.43	0.022	13.35	0.022	13.37	0.022
15	16QAM	1	37	13.18	0.021	13.21	0.021	13.14	0.021
15	16QAM	1	74	13.12	0.021	12.97	0.020	12.99	0.020
15	16QAM	36	0	12.41	0.017	12.25	0.017	12.37	0.017
15	16QAM	36	20	12.25	0.017	12.10	0.016	12.06	0.016
15	16QAM	36	39	12.19	0.017	12.02	0.016	12.01	0.016
15	16QAM	75	0	11.97	0.016	11.77	0.015	11.85	0.015
15	64QAM	1	0	12.60	0.018	12.44	0.018	12.45	0.018
15	64QAM	1	37	12.44	0.018	12.44	0.018	12.38	0.017
15	64QAM	1	74	12.48	0.018	12.47	0.018	12.33	0.017
15	64QAM	36	0	11.88	0.015	11.74	0.015	11.63	0.015
15	64QAM	36	20	11.80	0.015	11.75	0.015	11.60	0.014
15	64QAM	36	39	11.69	0.015	11.70	0.015	11.58	0.014
15	64QAM	75	0	11.59	0.014	11.64	0.015	11.53	0.014



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133172		133297		133422	
Frequency (MHz)				668		680.5		693	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	14.14	0.026	14.28	0.027	14.26	0.027
10	QPSK	1	25	14.18	0.026	14.13	0.026	14.09	0.026
10	QPSK	1	49	13.86	0.024	13.87	0.024	13.87	0.024
10	QPSK	25	0	13.22	0.021	13.16	0.021	13.09	0.020
10	QPSK	25	12	12.99	0.020	12.98	0.020	13.01	0.020
10	QPSK	25	25	12.88	0.019	12.84	0.019	12.81	0.019
10	QPSK	50	0	12.75	0.019	12.61	0.018	12.74	0.019
10	16QAM	1	0	13.35	0.022	13.33	0.022	13.37	0.022
10	16QAM	1	25	13.18	0.021	13.13	0.021	13.08	0.020
10	16QAM	1	49	13.08	0.020	12.93	0.020	13.00	0.020
10	16QAM	25	0	12.36	0.017	12.25	0.017	12.32	0.017
10	16QAM	25	12	12.24	0.017	12.10	0.016	12.03	0.016
10	16QAM	25	25	12.14	0.016	12.02	0.016	11.93	0.016
10	16QAM	50	0	11.96	0.016	11.73	0.015	11.79	0.015
10	64QAM	1	0	12.57	0.018	12.43	0.017	12.41	0.017
10	64QAM	1	25	12.38	0.017	12.40	0.017	12.35	0.017
10	64QAM	1	49	12.45	0.018	12.44	0.018	12.32	0.017
10	64QAM	25	0	11.83	0.015	11.71	0.015	11.60	0.014
10	64QAM	25	12	11.73	0.015	11.67	0.015	11.57	0.014
10	64QAM	25	25	11.67	0.015	11.64	0.015	11.59	0.014
10	64QAM	50	0	11.58	0.014	11.62	0.015	11.50	0.014



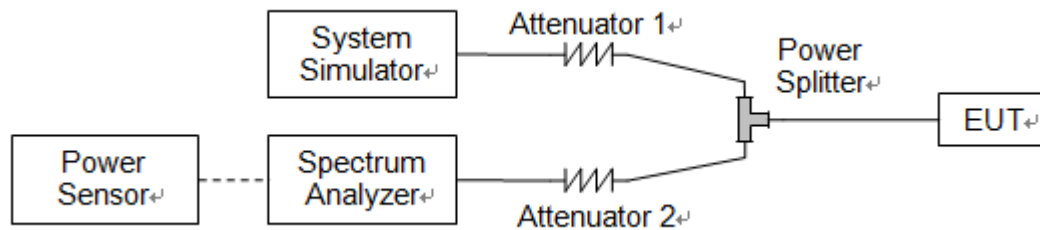
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	14.16	0.026	14.24	0.027	14.24	0.027
5	QPSK	1	12	14.18	0.026	14.08	0.026	14.10	0.026
5	QPSK	1	24	13.85	0.024	13.93	0.025	13.84	0.024
5	QPSK	12	0	13.22	0.021	13.17	0.021	13.12	0.021
5	QPSK	12	7	13.01	0.020	12.97	0.020	13.03	0.020
5	QPSK	12	13	12.93	0.020	12.82	0.019	12.84	0.019
5	QPSK	25	0	12.79	0.019	12.59	0.018	12.74	0.019
5	16QAM	1	0	13.40	0.022	13.30	0.021	13.34	0.022
5	16QAM	1	12	13.15	0.021	13.16	0.021	13.06	0.020
5	16QAM	1	24	13.10	0.020	12.89	0.019	13.00	0.020
5	16QAM	12	0	12.41	0.017	12.21	0.017	12.31	0.017
5	16QAM	12	7	12.25	0.017	12.10	0.016	12.01	0.016
5	16QAM	12	13	12.15	0.016	11.97	0.016	11.97	0.016
5	16QAM	25	0	11.97	0.016	11.75	0.015	11.84	0.015
5	64QAM	1	0	12.58	0.018	12.40	0.017	12.41	0.017
5	64QAM	1	12	12.42	0.017	12.37	0.017	12.34	0.017
5	64QAM	1	24	12.41	0.017	12.45	0.018	12.30	0.017
5	64QAM	12	0	11.82	0.015	11.67	0.015	11.61	0.014
5	64QAM	12	7	11.72	0.015	11.68	0.015	11.59	0.014
5	64QAM	12	13	11.66	0.015	11.62	0.015	11.59	0.014
5	64QAM	25	0	11.59	0.014	11.63	0.015	11.45	0.014

2.2. Occupied Bandwidth

2.2.1. Requirement

According to FCC section 2.1049, the occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission. Occupied bandwidth is also known as the 99% emission bandwidth.

2.2.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.2.3. Test Procedure

KDB 971168 D01v03 Section 4.1 and ANSI/TIA-603-E-2016.



2.2.4. Test Result

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B2	1.4	Low	18607	1850.7	QPSK	1.0900	1.2897	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.1043	1.2932	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.1008	1.2968	PASS
B2	1.4	Mid	18900	1880	QPSK	1.0971	1.2751	PASS
B2	1.4	Mid	18900	1880	16QAM	1.1021	1.2848	PASS
B2	1.4	Mid	18900	1880	64QAM	1.0981	1.3026	PASS
B2	1.4	High	19193	1909.3	QPSK	1.0987	1.2747	PASS
B2	1.4	High	19193	1909.3	16QAM	1.1029	1.2905	PASS
B2	1.4	High	19193	1909.3	64QAM	1.0990	1.2872	PASS
B2	3	Low	18615	1851.5	QPSK	2.7030	2.9772	PASS
B2	3	Low	18615	1851.5	16QAM	2.7051	2.9887	PASS
B2	3	Low	18615	1851.5	64QAM	2.7106	3.0030	PASS
B2	3	Mid	18900	1880	QPSK	2.7024	2.9785	PASS
B2	3	Mid	18900	1880	16QAM	2.7053	2.9913	PASS
B2	3	Mid	18900	1880	64QAM	2.7105	2.9859	PASS
B2	3	High	19185	1908.5	QPSK	2.6993	2.9865	PASS
B2	3	High	19185	1908.5	16QAM	2.6999	2.9934	PASS
B2	3	High	19185	1908.5	64QAM	2.7089	2.9819	PASS
B2	5	Low	18625	1852.5	QPSK	4.4872	4.9391	PASS
B2	5	Low	18625	1852.5	16QAM	4.4922	4.9624	PASS
B2	5	Low	18625	1852.5	64QAM	4.4871	4.9236	PASS
B2	5	Mid	18900	1880	QPSK	4.4854	4.9484	PASS
B2	5	Mid	18900	1880	16QAM	4.4960	4.9729	PASS
B2	5	Mid	18900	1880	64QAM	4.4919	4.9688	PASS
B2	5	High	19175	1907.5	QPSK	4.4850	4.9794	PASS
B2	5	High	19175	1907.5	16QAM	4.4886	4.9533	PASS
B2	5	High	19175	1907.5	64QAM	4.4859	4.9342	PASS
B2	10	Low	18650	1855	QPSK	8.9610	9.7166	PASS
B2	10	Low	18650	1855	16QAM	8.9411	9.7422	PASS
B2	10	Low	18650	1855	64QAM	8.9671	9.7705	PASS
B2	10	Mid	18900	1880	QPSK	8.9810	9.8020	PASS
B2	10	Mid	18900	1880	16QAM	8.9455	9.7239	PASS
B2	10	Mid	18900	1880	64QAM	8.9540	9.8233	PASS



B2	10	High	19150	1905	QPSK	8.9704	9.8135	PASS
B2	10	High	19150	1905	16QAM	8.9470	9.7346	PASS
B2	10	High	19150	1905	64QAM	8.9600	9.8493	PASS
B2	15	Low	18675	1857.5	QPSK	13.395	14.491	PASS
B2	15	Low	18675	1857.5	16QAM	13.426	14.448	PASS
B2	15	Low	18675	1857.5	64QAM	13.416	14.530	PASS
B2	15	Mid	18900	1880	QPSK	13.444	14.515	PASS
B2	15	Mid	18900	1880	16QAM	13.443	14.580	PASS
B2	15	Mid	18900	1880	64QAM	13.418	14.528	PASS
B2	15	High	19125	1902.5	QPSK	13.424	14.564	PASS
B2	15	High	19125	1902.5	16QAM	13.426	14.578	PASS
B2	15	High	19125	1902.5	64QAM	13.460	14.550	PASS
B2	20	Low	18700	1860	QPSK	17.893	19.390	PASS
B2	20	Low	18700	1860	16QAM	17.895	19.268	PASS
B2	20	Low	18700	1860	64QAM	17.899	19.470	PASS
B2	20	Mid	18900	1880	QPSK	17.898	19.309	PASS
B2	20	Mid	18900	1880	16QAM	17.891	19.378	PASS
B2	20	Mid	18900	1880	64QAM	17.875	19.210	PASS
B2	20	High	19100	1900	QPSK	17.911	19.423	PASS
B2	20	High	19100	1900	16QAM	17.956	19.330	PASS
B2	20	High	19100	1900	64QAM	17.914	19.264	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B4	1.4	Low	19957	1710.7	QPSK	1.0975	1.2672	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.0990	1.2939	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.1021	1.2802	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.0964	1.2870	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.1006	1.2980	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.0994	1.2869	PASS
B4	1.4	High	20393	1754.3	QPSK	1.0949	1.3004	PASS
B4	1.4	High	20393	1754.3	16QAM	1.1000	1.2916	PASS
B4	1.4	High	20393	1754.3	64QAM	1.1000	1.2701	PASS
B4	3	Low	19965	1711.5	QPSK	2.7007	2.9850	PASS
B4	3	Low	19965	1711.5	16QAM	2.6999	2.9784	PASS
B4	3	Low	19965	1711.5	64QAM	2.7062	2.9749	PASS
B4	3	Mid	20175	1732.5	QPSK	2.7017	2.9824	PASS



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B4	3	Mid	20175	1732.5	16QAM	2.7020	2.9786	PASS
B4	3	Mid	20175	1732.5	64QAM	2.7040	2.9711	PASS
B4	3	High	20385	1753.5	QPSK	2.6986	3.0056	PASS
B4	3	High	20385	1753.5	16QAM	2.7009	2.9957	PASS
B4	3	High	20385	1753.5	64QAM	2.7042	2.9664	PASS
B4	5	Low	19975	1712.5	QPSK	4.4859	4.9585	PASS
B4	5	Low	19975	1712.5	16QAM	4.4878	4.9534	PASS
B4	5	Low	19975	1712.5	64QAM	4.4850	4.9452	PASS
B4	5	Mid	20175	1732.5	QPSK	4.4876	5.0171	PASS
B4	5	Mid	20175	1732.5	16QAM	4.4878	4.9625	PASS
B4	5	Mid	20175	1732.5	64QAM	4.4987	5.0009	PASS
B4	5	High	20375	1752.5	QPSK	4.4813	4.9659	PASS
B4	5	High	20375	1752.5	16QAM	4.4909	4.9461	PASS
B4	5	High	20375	1752.5	64QAM	4.4923	4.9479	PASS
B4	10	Low	20000	1715	QPSK	8.9863	9.7860	PASS
B4	10	Low	20000	1715	16QAM	8.9534	9.7772	PASS
B4	10	Low	20000	1715	64QAM	8.9444	9.7819	PASS
B4	10	Mid	20175	1732.5	QPSK	8.9849	9.8303	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9354	9.7132	PASS
B4	10	Mid	20175	1732.5	64QAM	8.9506	9.7913	PASS
B4	10	High	20350	1750	QPSK	8.9610	9.7169	PASS
B4	10	High	20350	1750	16QAM	8.9450	9.8024	PASS
B4	10	High	20350	1750	64QAM	8.9713	9.7731	PASS
B4	15	Low	20025	1717.5	QPSK	13.450	14.637	PASS
B4	15	Low	20025	1717.5	16QAM	13.458	14.679	PASS
B4	15	Low	20025	1717.5	64QAM	13.436	14.533	PASS
B4	15	Mid	20175	1732.5	QPSK	13.453	14.569	PASS
B4	15	Mid	20175	1732.5	16QAM	13.424	14.626	PASS
B4	15	Mid	20175	1732.5	64QAM	13.420	14.541	PASS
B4	15	High	20325	1747.5	QPSK	13.426	14.606	PASS
B4	15	High	20325	1747.5	16QAM	13.422	14.589	PASS
B4	15	High	20325	1747.5	64QAM	13.433	14.660	PASS
B4	20	Low	20050	1720	QPSK	17.893	19.266	PASS
B4	20	Low	20050	1720	16QAM	17.904	19.416	PASS
B4	20	Low	20050	1720	64QAM	17.926	19.366	PASS
B4	20	Mid	20175	1732.5	QPSK	17.873	19.326	PASS
B4	20	Mid	20175	1732.5	16QAM	17.894	19.359	PASS
B4	20	Mid	20175	1732.5	64QAM	17.897	19.234	PASS



B4	20	High	20300	1745	QPSK	17.890	19.269	PASS
B4	20	High	20300	1745	16QAM	17.910	19.304	PASS
B4	20	High	20300	1745	64QAM	17.876	19.376	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B5	1.4	Low	20407	824.7	QPSK	1.0965	1.2790	PASS
B5	1.4	Low	20407	824.7	16QAM	1.1002	1.2915	PASS
B5	1.4	Low	20407	824.7	64QAM	1.1015	1.2965	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.0959	1.2701	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.1004	1.2910	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.0990	1.2802	PASS
B5	1.4	High	20643	848.3	QPSK	1.0978	1.2725	PASS
B5	1.4	High	20643	848.3	16QAM	1.1023	1.3072	PASS
B5	1.4	High	20643	848.3	64QAM	1.0993	1.2942	PASS
B5	3	Low	20415	825.5	QPSK	2.7016	2.9779	PASS
B5	3	Low	20415	825.5	16QAM	2.7052	3.0064	PASS
B5	3	Low	20415	825.5	64QAM	2.7103	2.9999	PASS
B5	3	Mid	20525	836.5	QPSK	2.7037	2.9618	PASS
B5	3	Mid	20525	836.5	16QAM	2.7049	2.9807	PASS
B5	3	Mid	20525	836.5	64QAM	2.7020	2.9841	PASS
B5	3	High	20635	847.5	QPSK	2.6962	2.9891	PASS
B5	3	High	20635	847.5	16QAM	2.7050	2.9980	PASS
B5	3	High	20635	847.5	64QAM	2.7033	2.9752	PASS
B5	5	Low	20425	826.5	QPSK	4.4917	4.9451	PASS
B5	5	Low	20425	826.5	16QAM	4.4954	4.9900	PASS
B5	5	Low	20425	826.5	64QAM	4.4922	4.9878	PASS
B5	5	Mid	20525	836.5	QPSK	4.4941	4.9657	PASS
B5	5	Mid	20525	836.5	16QAM	4.4959	4.9168	PASS
B5	5	Mid	20525	836.5	64QAM	4.5052	4.9660	PASS
B5	5	High	20625	846.5	QPSK	4.4891	4.9626	PASS
B5	5	High	20625	846.5	16QAM	4.4939	4.9502	PASS
B5	5	High	20625	846.5	64QAM	4.4941	4.9380	PASS
B5	10	Low	20450	829	QPSK	8.9497	9.7581	PASS
B5	10	Low	20450	829	16QAM	8.9386	9.6648	PASS
B5	10	Low	20450	829	64QAM	8.9603	9.7879	PASS
B5	10	Mid	20525	836.5	QPSK	8.9672	9.8258	PASS



B5	10	Mid	20525	836.5	16QAM	8.9442	9.6847	PASS
B5	10	Mid	20525	836.5	64QAM	8.9613	9.7919	PASS
B5	10	High	20600	844	QPSK	8.9828	9.8089	PASS
B5	10	High	20600	844	16QAM	8.9532	9.7452	PASS
B5	10	High	20600	844	64QAM	8.9598	9.7642	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B7	5	Low	20775	2502.5	QPSK	4.4917	4.9943	PASS
B7	5	Low	20775	2502.5	16QAM	4.4969	4.9587	PASS
B7	5	Low	20775	2502.5	64QAM	4.4953	4.9377	PASS
B7	5	Mid	21100	2535	QPSK	4.4866	4.9446	PASS
B7	5	Mid	21100	2535	16QAM	4.4859	4.9203	PASS
B7	5	Mid	21100	2535	64QAM	4.4948	4.9953	PASS
B7	5	High	21425	2567.5	QPSK	4.4896	4.9708	PASS
B7	5	High	21425	2567.5	16QAM	4.4908	4.9451	PASS
B7	5	High	21425	2567.5	64QAM	4.4908	4.9779	PASS
B7	10	Low	20800	2505	QPSK	8.9528	9.8109	PASS
B7	10	Low	20800	2505	16QAM	8.9442	9.7125	PASS
B7	10	Low	20800	2505	64QAM	8.9446	9.7510	PASS
B7	10	Mid	21100	2535	QPSK	8.9679	9.7986	PASS
B7	10	Mid	21100	2535	16QAM	8.9331	9.7830	PASS
B7	10	Mid	21100	2535	64QAM	8.9581	9.7493	PASS
B7	10	High	21400	2565	QPSK	8.9645	9.7371	PASS
B7	10	High	21400	2565	16QAM	8.9501	9.7733	PASS
B7	10	High	21400	2565	64QAM	8.9680	9.8166	PASS
B7	15	Low	20825	2507.5	QPSK	13.439	14.575	PASS
B7	15	Low	20825	2507.5	16QAM	13.439	14.582	PASS
B7	15	Low	20825	2507.5	64QAM	13.431	14.523	PASS
B7	15	Mid	21100	2535	QPSK	13.431	14.625	PASS
B7	15	Mid	21100	2535	16QAM	13.433	14.564	PASS
B7	15	Mid	21100	2535	64QAM	13.404	14.608	PASS
B7	15	High	21375	2562.5	QPSK	13.462	14.707	PASS
B7	15	High	21375	2562.5	16QAM	13.459	14.652	PASS
B7	15	High	21375	2562.5	64QAM	13.402	14.537	PASS
B7	20	Low	20850	2510	QPSK	17.905	19.374	PASS
B7	20	Low	20850	2510	16QAM	17.933	19.326	PASS



B7	20	Low	20850	2510	64QAM	17.944	19.512	PASS
B7	20	Mid	21100	2535	QPSK	17.857	19.241	PASS
B7	20	Mid	21100	2535	16QAM	17.906	19.356	PASS
B7	20	Mid	21100	2535	64QAM	17.902	19.500	PASS
B7	20	High	21350	2560	QPSK	17.918	19.325	PASS
B7	20	High	21350	2560	16QAM	17.907	19.506	PASS
B7	20	High	21350	2560	64QAM	17.940	19.441	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B12	1.4	Low	23017	699.7	QPSK	1.0972	1.2797	PASS
B12	1.4	Low	23017	699.7	16QAM	1.0965	1.3064	PASS
B12	1.4	Low	23017	699.7	64QAM	1.1005	1.2930	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.0967	1.2782	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.1004	1.3077	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.1020	1.2880	PASS
B12	1.4	High	23173	715.3	QPSK	1.0965	1.2996	PASS
B12	1.4	High	23173	715.3	16QAM	1.1037	1.3181	PASS
B12	1.4	High	23173	715.3	64QAM	1.0993	1.2724	PASS
B12	3	Low	23025	700.5	QPSK	2.7015	2.9703	PASS
B12	3	Low	23025	700.5	16QAM	2.7058	2.9983	PASS
B12	3	Low	23025	700.5	64QAM	2.6994	2.9859	PASS
B12	3	Mid	23095	707.5	QPSK	2.7036	3.0048	PASS
B12	3	Mid	23095	707.5	16QAM	2.7112	3.0022	PASS
B12	3	Mid	23095	707.5	64QAM	2.7049	2.9964	PASS
B12	3	High	23165	714.5	QPSK	2.7034	3.0088	PASS
B12	3	High	23165	714.5	16QAM	2.6986	2.9775	PASS
B12	3	High	23165	714.5	64QAM	2.7054	2.9654	PASS
B12	5	Low	23035	701.5	QPSK	4.4726	4.9331	PASS
B12	5	Low	23035	701.5	16QAM	4.4767	4.8621	PASS
B12	5	Low	23035	701.5	64QAM	4.4781	4.8927	PASS
B12	5	Mid	23095	707.5	QPSK	4.4968	4.9777	PASS
B12	5	Mid	23095	707.5	16QAM	4.5038	4.9735	PASS
B12	5	Mid	23095	707.5	64QAM	4.5098	4.9978	PASS
B12	5	High	23155	713.5	QPSK	4.4758	4.9529	PASS
B12	5	High	23155	713.5	16QAM	4.4842	4.9832	PASS
B12	5	High	23155	713.5	64QAM	4.4793	4.9583	PASS



B12	10	Low	23060	704	QPSK	8.9139	9.7119	PASS
B12	10	Low	23060	704	16QAM	8.8975	9.6915	PASS
B12	10	Low	23060	704	64QAM	8.9260	9.7185	PASS
B12	10	Mid	23095	707.5	QPSK	9.0152	9.8671	PASS
B12	10	Mid	23095	707.5	16QAM	8.9893	9.7555	PASS
B12	10	Mid	23095	707.5	64QAM	9.0114	9.9256	PASS
B12	10	High	23130	711	QPSK	8.9391	9.6602	PASS
B12	10	High	23130	711	16QAM	8.9258	9.6305	PASS
B12	10	High	23130	711	64QAM	8.9206	9.7274	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B13	5	Low	23205	779.5	QPSK	4.4780	4.9686	PASS
B13	5	Low	23205	779.5	16QAM	4.4854	4.9458	PASS
B13	5	Low	23205	779.5	64QAM	4.4934	4.9434	PASS
B13	5	Mid	23230	782	QPSK	4.4881	4.9402	PASS
B13	5	Mid	23230	782	16QAM	4.4889	4.8961	PASS
B13	5	Mid	23230	782	64QAM	4.4956	4.9485	PASS
B13	5	High	23255	784.5	QPSK	4.4716	4.9068	PASS
B13	5	High	23255	784.5	16QAM	4.4801	4.9134	PASS
B13	5	High	23255	784.5	64QAM	4.4866	4.9023	PASS
B13	10	Mid	23230	782	QPSK	8.9603	9.7080	PASS
B13	10	Mid	23230	782	16QAM	8.9288	9.6881	PASS
B13	10	Mid	23230	782	64QAM	8.9657	9.7301	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B17	5	Low	23755	706.5	QPSK	4.4948	4.9925	PASS
B17	5	Low	23755	706.5	16QAM	4.4899	4.9816	PASS
B17	5	Low	23755	706.5	64QAM	4.5002	5.0061	PASS
B17	5	Mid	23790	710	QPSK	4.4903	4.9501	PASS
B17	5	Mid	23790	710	16QAM	4.4983	4.9808	PASS
B17	5	Mid	23790	710	64QAM	4.5042	4.9390	PASS
B17	5	High	23825	713.5	QPSK	4.4817	4.9444	PASS
B17	5	High	23825	713.5	16QAM	4.4781	4.9769	PASS
B17	5	High	23825	713.5	64QAM	4.4805	4.9261	PASS



B17	10	Low	23780	709	QPSK	8.9835	9.7429	PASS
B17	10	Low	23780	709	16QAM	8.9689	9.7676	PASS
B17	10	Low	23780	709	64QAM	8.9909	9.8171	PASS
B17	10	Mid	23790	710	QPSK	8.9683	9.7877	PASS
B17	10	Mid	23790	710	16QAM	8.9613	9.7547	PASS
B17	10	Mid	23790	710	64QAM	8.9512	9.8105	PASS
B17	10	High	23800	711	QPSK	8.9583	9.7305	PASS
B17	10	High	23800	711	16QAM	8.9078	9.6146	PASS
B17	10	High	23800	711	64QAM	8.9425	9.7547	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B18	5	Low	23965	826.5	QPSK	4.4843	4.9816	PASS
B18	5	Low	23965	826.5	16QAM	4.4927	4.9454	PASS
B18	5	Low	23965	826.5	64QAM	4.4881	4.9848	PASS
B18	5	Mid	23970	827	QPSK	4.4801	4.9829	PASS
B18	5	Mid	23970	827	16QAM	4.4966	4.9310	PASS
B18	5	Mid	23970	827	64QAM	4.4904	4.9409	PASS
B18	5	High	23975	827.5	QPSK	4.4877	4.9709	PASS
B18	5	High	23975	827.5	16QAM	4.4952	4.9478	PASS
B18	5	High	23975	827.5	64QAM	4.4938	4.9671	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B19	5	Low	24025	832.5	QPSK	4.4843	4.9444	PASS
B19	5	Low	24025	832.5	16QAM	4.4903	4.9653	PASS
B19	5	Low	24025	832.5	64QAM	4.5049	4.9783	PASS
B19	5	Mid	24075	837.5	QPSK	4.4912	5.0012	PASS
B19	5	Mid	24075	837.5	16QAM	4.4880	4.9730	PASS
B19	5	Mid	24075	837.5	64QAM	4.4893	4.9662	PASS
B19	5	High	24125	842.5	QPSK	4.4893	4.9795	PASS
B19	5	High	24125	842.5	16QAM	4.4944	4.9814	PASS
B19	5	High	24125	842.5	64QAM	4.5026	4.9954	PASS
B19	10	Low	24050	835	QPSK	8.9610	9.7713	PASS
B19	10	Low	24050	835	16QAM	8.9422	9.7398	PASS
B19	10	Low	24050	835	64QAM	8.9519	9.7605	PASS



B19	10	Mid	24075	837.5	QPSK	8.9827	9.7960	PASS
B19	10	Mid	24075	837.5	16QAM	8.9530	9.7052	PASS
B19	10	Mid	24075	837.5	64QAM	8.9767	9.7971	PASS
B19	10	High	24100	840	QPSK	8.9794	9.8163	PASS
B19	10	High	24100	840	16QAM	8.9508	9.7597	PASS
B19	10	High	24100	840	64QAM	8.9742	9.8370	PASS
B19	15	Low	24075	837.5	QPSK	13.467	14.531	PASS
B19	15	Low	24075	837.5	16QAM	13.443	14.672	PASS
B19	15	Low	24075	837.5	64QAM	13.444	14.695	PASS
B19	15	Mid	24075	837.5	QPSK	13.494	14.449	PASS
B19	15	Mid	24075	837.5	16QAM	13.461	14.714	PASS
B19	15	Mid	24075	837.5	64QAM	13.444	14.626	PASS
B19	15	High	24075	837.5	QPSK	13.490	14.538	PASS
B19	15	High	24075	837.5	16QAM	13.465	14.733	PASS
B19	15	High	24075	837.5	64QAM	13.443	14.639	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B25	1.4	Low	26047	1850.7	QPSK	1.0990	1.2802	PASS
B25	1.4	Low	26047	1850.7	16QAM	1.0991	1.2821	PASS
B25	1.4	Low	26047	1850.7	64QAM	1.1009	1.2772	PASS
B25	1.4	Mid	26365	1882.5	QPSK	1.0973	1.2820	PASS
B25	1.4	Mid	26365	1882.5	16QAM	1.1011	1.2880	PASS
B25	1.4	Mid	26365	1882.5	64QAM	1.1021	1.2804	PASS
B25	1.4	High	26683	1914.3	QPSK	1.0965	1.2859	PASS
B25	1.4	High	26683	1914.3	16QAM	1.1000	1.2782	PASS
B25	1.4	High	26683	1914.3	64QAM	1.1025	1.2968	PASS
B25	3	Low	26055	1851.5	QPSK	2.7027	2.9777	PASS
B25	3	Low	26055	1851.5	16QAM	2.7044	2.9986	PASS
B25	3	Low	26055	1851.5	64QAM	2.7049	2.9777	PASS
B25	3	Mid	26365	1882.5	QPSK	2.7019	2.9885	PASS
B25	3	Mid	26365	1882.5	16QAM	2.7062	3.0016	PASS
B25	3	Mid	26365	1882.5	64QAM	2.7061	2.9765	PASS
B25	3	High	26675	1913.5	QPSK	2.6986	2.9719	PASS
B25	3	High	26675	1913.5	16QAM	2.7078	2.9891	PASS
B25	3	High	26675	1913.5	64QAM	2.7098	2.9843	PASS
B25	5	Low	26065	1852.5	QPSK	4.4880	4.9621	PASS



B25	5	Low	26065	1852.5	16QAM	4.4890	4.9683	PASS
B25	5	Low	26065	1852.5	64QAM	4.4999	4.9586	PASS
B25	5	Mid	26365	1882.5	QPSK	4.4887	4.9665	PASS
B25	5	Mid	26365	1882.5	16QAM	4.4921	4.9379	PASS
B25	5	Mid	26365	1882.5	64QAM	4.4936	4.9517	PASS
B25	5	High	26665	1912.5	QPSK	4.4912	4.9381	PASS
B25	5	High	26665	1912.5	16QAM	4.4900	4.9718	PASS
B25	5	High	26665	1912.5	64QAM	4.4954	4.9358	PASS
B25	10	Low	26090	1855	QPSK	8.9765	9.7901	PASS
B25	10	Low	26090	1855	16QAM	8.9585	9.8173	PASS
B25	10	Low	26090	1855	64QAM	8.9433	9.7378	PASS
B25	10	Mid	26365	1882.5	QPSK	8.9562	9.7907	PASS
B25	10	Mid	26365	1882.5	16QAM	8.9451	9.7430	PASS
B25	10	Mid	26365	1882.5	64QAM	8.9489	9.7634	PASS
B25	10	High	26640	1910	QPSK	8.9447	9.7242	PASS
B25	10	High	26640	1910	16QAM	8.9354	9.7542	PASS
B25	10	High	26640	1910	64QAM	8.9437	9.7209	PASS
B25	15	Low	26115	1857.5	QPSK	13.473	14.602	PASS
B25	15	Low	26115	1857.5	16QAM	13.426	14.699	PASS
B25	15	Low	26115	1857.5	64QAM	13.391	14.669	PASS
B25	15	Mid	26365	1882.5	QPSK	13.420	14.504	PASS
B25	15	Mid	26365	1882.5	16QAM	13.420	14.731	PASS
B25	15	Mid	26365	1882.5	64QAM	13.418	14.614	PASS
B25	15	High	26615	1907.5	QPSK	13.385	14.521	PASS
B25	15	High	26615	1907.5	16QAM	13.395	14.507	PASS
B25	15	High	26615	1907.5	64QAM	13.385	14.517	PASS
B25	20	Low	26140	1860	QPSK	17.885	19.304	PASS
B25	20	Low	26140	1860	16QAM	17.895	19.361	PASS
B25	20	Low	26140	1860	64QAM	17.888	19.483	PASS
B25	20	Mid	26365	1882.5	QPSK	17.869	19.195	PASS
B25	20	Mid	26365	1882.5	16QAM	17.887	19.404	PASS
B25	20	Mid	26365	1882.5	64QAM	17.873	19.242	PASS
B25	20	High	26590	1905	QPSK	17.846	19.320	PASS
B25	20	High	26590	1905	16QAM	17.898	19.215	PASS
B25	20	High	26590	1905	64QAM	17.898	19.469	PASS