10M Hz	1 RB high	1905.0	21.47	20.68	20.40	19.97	19.18	18.90
		1880.0	21.57	21.07	20.07	20.07	19.57	18.57
		1855.0	21.77	21.13	20.11	20.27	19.63	18.61
	1 RB low	1905.0	21.51	20.54	20.37	20.01	19.04	18.87
		1880.0	21.84	21.17	20.05	20.34	19.67	18.55
		1855.0	21.82	21.34	20.08	20.32	19.84	18.58
	50% RB mid	1905.0	20.60	19.37	19.49	19.10	17.87	17.99
		1880.0	20.73	19.82	18.75	19.23	18.32	17.25
		1855.0	20.88	19.95	19.06	19.38	18.45	17.56
	100% RB	1905.0	20.36	19.29	19.32	18.86	17.79	17.82
		1880.0	20.77	19.75	18.88	19.27	18.25	17.38
		1855.0	20.88	19.96	18.86	19.38	18.46	17.36
15M Hz	1 RB high	1902.5	21.43	20.47	19.54	19.93	18.97	18.04
		1880.0	21.49	20.78	19.60	19.99	19.28	18.10
		1857.5	21.67	20.99	19.92	20.17	19.49	18.42
	1 RB low	1902.5	21.27	20.47	19.62	19.77	18.97	18.12
		1880.0	21.64	20.86	19.92	20.14	19.36	18.42
		1857.5	21.71	21.18	19.91	20.21	19.68	18.41
	50% RB mid	1902.5	20.36	19.36	18.38	18.86	17.86	16.88
		1880.0	20.66	19.60	18.62	19.16	18.10	17.12
		1857.5	20.85	19.77	18.74	19.35	18.27	17.24
	100% RB	1902.5	20.40	19.19	18.29	18.90	17.69	16.79
		1880.0	20.71	19.69	18.48	19.21	18.19	16.98
		1857.5	20.89	19.84	18.68	19.39	18.34	17.18
20M Hz	1 RB high	1900.0	21.80	20.82	19.85	20.30	19.32	18.35
		1880.0	22.00	21.27	20.37	20.50	19.77	18.87
		1860.0	21.91	21.25	20.32	20.41	19.75	18.82
	1 RB low	1900.0	21.77	20.99	19.67	20.27	19.49	18.17
		1880.0	21.97	21.21	20.33	20.47	19.71	18.83
		1860.0	22.00	21.29	20.35	20.50	19.79	18.85
	50% RB mid	1900.0	20.86	19.66	18.68	19.36	18.16	17.18
		1880.0	21.09	20.01	19.06	19.59	18.51	17.56
		1860.0	21.14	20.08	19.09	19.64	18.58	17.59
	100% RB	1900.0	20.82	19.85	18.71	19.32	18.35	17.21
		1880.0	21.07	20.07	18.93	19.57	18.57	17.43
		1860.0	21.16	20.08	19.03	19.66	18.58	17.53

LTE Band 4-ANT1-EIRP

Band width	RB size/offset	Frequency (MHz)	Conducted Power (dBm)			Radiated Power (dBm) ($G_T - L_C = -2$)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	1754.3	23.16	22.09	21.79	21.16	20.09	19.79
		1732.5	23.01	22.23	21.56	21.01	20.23	19.56
		1710.7	23.14	22.76	21.63	21.14	20.76	19.63
	1 RB low	1754.3	23.08	22.04	21.58	21.08	20.04	19.58
		1732.5	23.03	22.27	21.61	21.03	20.27	19.61
		1710.7	23.09	22.64	21.51	21.09	20.64	19.51
	50% RB mid	1754.3	23.17	22.34	21.39	21.17	20.34	19.39
		1732.5	23.09	22.16	21.59	21.09	20.16	19.59
		1710.7	23.15	22.38	21.44	21.15	20.38	19.44
	100% RB	1754.3	22.15	21.28	20.43	20.15	19.28	18.43
		1732.5	22.12	21.29	20.36	20.12	19.29	18.36
		1710.7	22.21	21.11	20.50	20.21	19.11	18.50
3MHz	1 RB high	1753.5	23.45	22.21	21.73	21.45	20.21	19.73
		1732.5	23.32	22.68	21.59	21.32	20.68	19.59
		1711.5	23.30	22.38	21.67	21.30	20.38	19.67
	1 RB low	1753.5	23.40	22.20	21.68	21.40	20.20	19.68
		1732.5	23.28	22.67	21.63	21.28	20.67	19.63
		1711.5	23.30	22.44	21.58	21.30	20.44	19.58
	50% RB mid	1753.5	22.49	21.43	20.42	20.49	19.43	18.42
		1732.5	22.35	21.37	20.39	20.35	19.37	18.39
		1711.5	22.45	21.41	20.57	20.45	19.41	18.57
	100% RB	1753.5	22.45	21.35	20.43	20.45	19.35	18.43
		1732.5	22.36	21.34	20.42	20.36	19.34	18.42
		1711.5	22.37	21.31	20.52	20.37	19.31	18.52
5MHz	1 RB high	1752.5	23.37	22.43	21.76	21.37	20.43	19.76
		1732.5	23.19	22.43	21.70	21.19	20.43	19.70
		1712.5	23.31	22.84	21.79	21.31	20.84	19.79
	1 RB low	1752.5	23.33	22.41	21.66	21.33	20.41	19.66
		1732.5	23.23	22.41	21.63	21.23	20.41	19.63
		1712.5	23.34	22.89	21.69	21.34	20.89	19.69
	50% RB mid	1752.5	22.40	21.34	20.64	20.40	19.34	18.64
		1732.5	22.39	21.42	20.51	20.39	19.42	18.51
		1712.5	22.39	21.51	20.52	20.39	19.51	18.52
	100% RB	1752.5	22.32	21.23	20.51	20.32	19.23	18.51
		1732.5	22.34	21.32	20.50	20.34	19.32	18.50

		1712.5	22.36	21.42	20.52	20.36	19.42	18.52
10M Hz	1 RB high	1750.0	23.41	22.14	21.76	21.41	20.14	19.76
		1732.5	23.24	22.69	21.51	21.24	20.69	19.51
		1715.0	23.37	22.37	21.70	21.37	20.37	19.70
	1 RB low	1750.0	23.40	22.20	21.77	21.40	20.20	19.77
		1732.5	23.28	22.77	21.54	21.28	20.77	19.54
		1715.0	23.39	22.37	21.97	21.39	20.37	19.97
	50% RB mid	1750.0	22.49	21.32	20.61	20.49	19.32	18.61
		1732.5	22.45	21.45	20.57	20.45	19.45	18.57
		1715.0	22.44	21.49	20.50	20.44	19.49	18.50
	100% RB	1750.0	22.38	21.29	20.60	20.38	19.29	18.60
		1732.5	22.45	21.41	20.39	20.45	19.41	18.39
		1715.0	22.46	21.46	20.56	20.46	19.46	18.56
15M Hz	1 RB high	1747.5	23.09	22.70	21.60	21.09	20.70	19.60
		1732.5	23.06	22.13	21.78	21.06	20.13	19.78
		1717.5	23.01	22.40	21.82	21.01	20.40	19.82
	1 RB low	1747.5	23.10	22.70	21.80	21.10	20.70	19.80
		1732.5	23.10	22.13	21.28	21.10	20.13	19.28
		1717.5	23.09	22.41	21.77	21.09	20.41	19.77
	50% RB mid	1747.5	22.13	21.13	20.44	20.13	19.13	18.44
		1732.5	22.13	21.23	20.38	20.13	19.23	18.38
		1717.5	22.17	21.50	20.47	20.17	19.50	18.47
	100% RB	1747.5	22.12	21.14	20.33	20.12	19.14	18.33
		1732.5	22.14	21.19	20.40	20.14	19.19	18.40
		1717.5	22.16	21.46	20.41	20.16	19.46	18.41
20M Hz	1 RB high	1745.0	23.14	22.63	21.38	21.14	20.63	19.38
		1732.5	23.15	22.57	21.49	21.15	20.57	19.49
		1720.0	23.17	22.51	21.50	21.17	20.51	19.50
	1 RB low	1745.0	23.15	22.74	21.65	21.15	20.74	19.65
		1732.5	23.09	22.59	21.83	21.09	20.59	19.83
		1720.0	23.15	22.56	21.64	21.15	20.56	19.64
	50% RB mid	1745.0	22.29	21.28	20.53	20.29	19.28	18.53
		1732.5	22.25	21.26	20.38	20.25	19.26	18.38
		1720.0	22.31	21.18	20.51	20.31	19.18	18.51
	100% RB	1745.0	22.16	21.16	20.25	20.16	19.16	18.25
		1732.5	22.25	21.24	20.30	20.25	19.24	18.30
		1720.0	22.29	21.14	20.39	20.29	19.14	18.39

LTE Band 4-ANT6-EIRP

Band width	RB size/offset	Frequency (MHz)	Conducted Power (dBm)			Radiated Power (dBm) ($G_T - L_C$ = -5.7)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	1754.3	22.50	21.67	20.42	16.80	15.97	14.72
		1732.5	22.39	21.60	20.65	16.69	15.90	14.95
		1710.7	22.50	21.85	20.63	16.80	16.15	14.93
	1 RB low	1754.3	22.42	21.58	20.64	16.72	15.88	14.94
		1732.5	22.38	21.59	20.67	16.68	15.89	14.97
		1710.7	22.62	21.86	20.75	16.92	16.16	15.05
	50% RB mid	1754.3	22.52	21.48	20.59	16.82	15.78	14.89
		1732.5	22.46	21.55	20.64	16.76	15.85	14.94
		1710.7	22.56	21.73	20.66	16.86	16.03	14.96
	100% RB	1754.3	21.58	20.51	19.89	15.88	14.81	14.19
		1732.5	21.57	20.58	19.50	15.87	14.88	13.80
		1710.7	21.66	20.71	19.59	15.96	15.01	13.89
3MHz	1 RB high	1753.5	22.62	21.66	20.68	16.92	15.96	14.98
		1732.5	22.52	21.88	20.70	16.82	16.18	15.00
		1711.5	22.56	21.99	20.75	16.86	16.29	15.05
	1 RB low	1753.5	22.54	21.78	20.58	16.84	16.08	14.88
		1732.5	22.60	21.95	20.59	16.90	16.25	14.89
		1711.5	22.56	21.88	20.74	16.86	16.18	15.04
	50% RB mid	1753.5	21.56	20.66	19.62	15.86	14.96	13.92
		1732.5	21.60	20.76	19.53	15.90	15.06	13.83
		1711.5	21.66	20.78	19.68	15.96	15.08	13.98
	100% RB	1753.5	21.62	20.58	19.50	15.92	14.88	13.80
		1732.5	21.70	20.62	19.62	16.00	14.92	13.92
		1711.5	21.74	20.70	19.65	16.04	15.00	13.95
5MHz	1 RB high	1752.5	22.53	21.73	20.65	16.83	16.03	14.95
		1732.5	22.53	21.90	20.65	16.83	16.20	14.95
		1712.5	22.61	22.02	20.79	16.91	16.32	15.09
	1 RB low	1752.5	22.57	21.78	20.66	16.87	16.08	14.96
		1732.5	22.62	21.87	20.51	16.92	16.17	14.81
		1712.5	22.64	21.92	20.74	16.94	16.22	15.04
	50% RB mid	1752.5	21.63	20.65	19.42	15.93	14.95	13.72
		1732.5	21.68	20.69	19.60	15.98	14.99	13.90
		1712.5	21.78	20.75	19.62	16.08	15.05	13.92
	100% RB	1752.5	21.63	20.60	19.49	15.93	14.90	13.79
		1732.5	21.62	20.65	19.60	15.92	14.95	13.90
		1712.5	21.70	20.77	19.60	16.00	15.07	13.90

10M Hz	1 RB high	1750.0	22.39	21.85	20.54	16.69	16.15	14.84
		1732.5	22.41	21.88	20.60	16.71	16.18	14.90
		1715.0	22.54	21.82	20.82	16.84	16.12	15.12
	1 RB low	1750.0	22.32	21.73	20.63	16.62	16.03	14.93
		1732.5	22.46	21.78	20.49	16.76	16.08	14.79
		1715.0	22.54	21.80	20.52	16.84	16.10	14.82
	50% RB mid	1750.0	21.51	20.52	19.47	15.81	14.82	13.77
		1732.5	21.63	20.70	19.49	15.93	15.00	13.79
		1715.0	21.67	20.71	19.57	15.97	15.01	13.87
	100% RB	1750.0	21.54	20.54	19.48	15.84	14.84	13.78
		1732.5	21.63	20.73	19.56	15.93	15.03	13.86
		1715.0	21.70	20.76	19.64	16.00	15.06	13.94
15M Hz	1 RB high	1747.5	22.27	21.70	20.45	16.57	16.00	14.75
		1732.5	22.28	21.61	20.73	16.58	15.91	15.03
		1717.5	22.26	21.84	20.43	16.56	16.14	14.73
	1 RB low	1747.5	22.45	21.66	20.60	16.75	15.96	14.90
		1732.5	22.39	21.84	20.68	16.69	16.14	14.98
		1717.5	22.43	21.72	20.84	16.73	16.02	15.14
	50% RB mid	1747.5	21.40	20.33	19.39	15.70	14.63	13.69
		1732.5	21.53	20.53	19.60	15.83	14.83	13.90
		1717.5	21.61	20.62	19.60	15.91	14.92	13.90
	100% RB	1747.5	21.40	20.41	19.31	15.70	14.71	13.61
		1732.5	21.52	20.42	19.49	15.82	14.72	13.79
		1717.5	21.51	20.50	19.58	15.81	14.80	13.88
20M Hz	1 RB high	1745.0	22.50	21.68	20.58	16.80	15.98	14.88
		1732.5	22.44	21.89	20.69	16.74	16.19	14.99
		1720.0	22.52	21.89	20.80	16.82	16.19	15.10
	1 RB low	1745.0	22.61	21.86	20.88	16.91	16.16	15.18
		1732.5	22.60	21.89	20.69	16.90	16.19	14.99
		1720.0	22.59	21.79	20.78	16.89	16.09	15.08
	50% RB mid	1745.0	21.74	20.71	19.73	16.04	15.01	14.03
		1732.5	21.66	20.67	19.68	15.96	14.97	13.98
		1720.0	21.62	20.65	19.75	15.92	14.95	14.05
	100% RB	1745.0	21.55	20.45	19.56	15.85	14.75	13.86
		1732.5	21.62	20.60	19.65	15.92	14.90	13.95
		1720.0	21.71	20.65	19.66	16.01	14.95	13.96

LTE Band 7-ANT3-EIRP

Band width	RB size/offset	Frequency (MHz)	Conducted Power (dBm)			Radiated Power (dBm) ($G_T - L_C = -1$)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5MHz	1 RB high	2567.5	24.10	23.41	22.42	23.10	22.41	21.42
		2535.0	24.13	23.55	22.49	23.13	22.55	21.49
		2502.5	23.90	23.35	22.17	22.90	22.35	21.17
	1 RB low	2567.5	24.09	23.39	22.29	23.09	22.39	21.29
		2535.0	24.21	23.38	22.37	23.21	22.38	21.37
		2502.5	24.04	23.19	22.22	23.04	22.19	21.22
	50% RB mid	2567.5	23.10	22.16	21.09	22.10	21.16	20.09
		2535.0	23.20	22.17	21.26	22.20	21.17	20.26
		2502.5	23.01	22.03	21.09	22.01	21.03	20.09
	100% RB	2567.5	23.11	22.11	21.16	22.11	21.11	20.16
		2535.0	23.10	22.20	21.15	22.10	21.20	20.15
		2502.5	23.04	22.13	21.00	22.04	21.13	20.00
10MHz	1 RB high	2565.0	24.33	23.38	22.39	23.33	22.38	21.39
		2535.0	24.14	23.50	22.60	23.14	22.50	21.60
		2505.0	23.95	23.40	22.18	22.95	22.40	21.18
	1 RB low	2565.0	24.08	23.37	22.31	23.08	22.37	21.31
		2535.0	24.07	23.46	22.24	23.07	22.46	21.24
		2505.0	23.86	23.31	22.12	22.86	22.31	21.12
	50% RB mid	2565.0	23.21	22.18	21.16	22.21	21.18	20.16
		2535.0	23.25	22.22	21.19	22.25	21.22	20.19
		2505.0	22.99	22.08	21.10	21.99	21.08	20.10
	100% RB	2565.0	23.13	22.19	21.21	22.13	21.19	20.21
		2535.0	23.11	22.17	21.12	22.11	21.17	20.12
		2505.0	23.01	22.03	21.10	22.01	21.03	20.10
15MHz	1 RB high	2562.5	23.88	23.16	21.81	22.88	22.16	20.81
		2535.0	23.89	23.33	22.14	22.89	22.33	21.14
		2507.5	23.77	22.99	22.20	22.77	21.99	21.20
	1 RB low	2562.5	23.94	23.36	22.06	22.94	22.36	21.06
		2535.0	23.87	23.10	22.09	22.87	22.10	21.09
		2507.5	23.67	23.04	21.90	22.67	22.04	20.90
	50% RB mid	2562.5	23.04	22.09	21.10	22.04	21.09	20.10
		2535.0	23.02	21.99	21.09	22.02	20.99	20.09
		2507.5	22.92	21.93	20.95	21.92	20.93	19.95
	100% RB	2562.5	23.07	22.16	21.19	22.07	21.16	20.19
		2535.0	23.12	22.09	21.03	22.12	21.09	20.03
		2507.5	22.84	21.95	20.89	21.84	20.95	19.89

20M Hz	1 RB high	2560.0	23.82	22.88	22.03	22.82	21.88	21.03
		2535.0	23.94	23.13	22.03	22.94	22.13	21.03
		2510.0	23.76	22.73	22.03	22.76	21.73	21.03
	1 RB low	2560.0	23.88	23.16	21.91	22.88	22.16	20.91
		2535.0	23.80	22.90	22.05	22.80	21.90	21.05
		2510.0	23.67	22.86	21.82	22.67	21.86	20.82
	50% RB mid	2560.0	22.99	21.99	21.03	21.99	20.99	20.03
		2535.0	23.03	22.00	21.01	22.03	21.00	20.01
		2510.0	22.86	21.92	20.92	21.86	20.92	19.92
	100% RB	2560.0	22.98	22.05	21.08	21.98	21.05	20.08
		2535.0	23.01	22.06	21.13	22.01	21.06	20.13
		2510.0	22.97	21.96	20.93	21.97	20.96	19.93

LTE Band 7-ANT9-EIRP

Band width	RB size/offset	Frequency (MHz)	Conducted Power (dBm)			Radiated Power (dBm) ($G_T - L_C$ = -4.5)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5MHz	1 RB high	2567.5	21.81	21.31	19.96	17.31	16.81	15.46
		2535.0	22.08	21.48	20.48	17.58	16.98	15.98
		2502.5	21.72	21.15	20.03	17.22	16.65	15.53
	1 RB low	2567.5	21.98	21.19	20.15	17.48	16.69	15.65
		2535.0	22.03	21.33	20.19	17.53	16.83	15.69
		2502.5	21.78	21.03	19.92	17.28	16.53	15.42
	50% RB mid	2567.5	21.04	20.00	19.09	16.54	15.50	14.59
		2535.0	21.00	20.15	18.99	16.50	15.65	14.49
		2502.5	20.78	19.89	18.88	16.28	15.39	14.38
	100% RB	2567.5	20.84	20.04	18.99	16.34	15.54	14.49
		2535.0	21.02	20.07	19.07	16.52	15.57	14.57
		2502.5	20.73	19.83	18.92	16.23	15.33	14.42
10MHz	1 RB high	2565.0	21.87	21.27	20.46	17.37	16.77	15.96
		2535.0	21.92	21.44	20.39	17.42	16.94	15.89
		2505.0	21.79	21.03	19.94	17.29	16.53	15.44
	1 RB low	2565.0	21.84	21.31	20.29	17.34	16.81	15.79
		2535.0	22.14	21.29	20.18	17.64	16.79	15.68
		2505.0	21.70	21.02	20.13	17.20	16.52	15.63
	50% RB mid	2565.0	20.94	20.01	19.04	16.44	15.51	14.54
		2535.0	21.06	20.09	19.13	16.56	15.59	14.63
		2505.0	20.84	19.81	18.85	16.34	15.31	14.35
	100% RB	2565.0	21.02	19.95	19.08	16.52	15.45	14.58
		2535.0	20.98	20.12	19.13	16.48	15.62	14.63
		2505.0	20.82	19.82	18.95	16.32	15.32	14.45
15MHz	1 RB high	2562.5	21.66	21.05	19.82	17.16	16.55	15.32
		2535.0	21.75	21.20	20.17	17.25	16.70	15.67
		2507.5	21.51	20.98	20.12	17.01	16.48	15.62
	1 RB low	2562.5	21.71	21.01	20.34	17.21	16.51	15.84
		2535.0	21.78	21.11	20.33	17.28	16.61	15.83
		2507.5	21.45	20.73	19.93	16.95	16.23	15.43
	50% RB mid	2562.5	20.84	19.80	18.99	16.34	15.30	14.49
		2535.0	20.87	19.93	19.02	16.37	15.43	14.52
		2507.5	20.68	19.67	18.85	16.18	15.17	14.35
	100% RB	2562.5	20.89	19.84	18.86	16.39	15.34	14.36
		2535.0	20.83	19.96	18.87	16.33	15.46	14.37
		2507.5	20.74	19.72	18.71	16.24	15.22	14.21

20MHz	1 RB high	2560.0	21.83	20.91	20.33	17.33	16.41	15.83
		2535.0	21.80	21.03	20.31	17.30	16.53	15.81
		2510.0	21.62	20.90	20.10	17.12	16.40	15.60
	1 RB low	2560.0	21.82	21.11	20.48	17.32	16.61	15.98
		2535.0	21.79	20.91	19.89	17.29	16.41	15.39
		2510.0	21.47	20.70	19.97	16.97	16.20	15.47
	50% RB mid	2560.0	20.78	19.84	19.15	16.28	15.34	14.65
		2535.0	20.93	19.90	19.07	16.43	15.40	14.57
		2510.0	20.78	19.70	18.86	16.28	15.20	14.36
	100% RB	2560.0	20.75	19.92	19.07	16.25	15.42	14.57
		2535.0	20.97	19.88	19.00	16.47	15.38	14.50
		2510.0	20.74	19.79	18.98	16.24	15.29	14.48

LTE Band 7-ANT1-EIRP

Band width	RB size/offset	Frequency (MHz)	Conducted Power (dBm)			Radiated Power (dBm) ($G_T - L_C$ = -2.1)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5MHz	1 RB high	2567.5	22.47	21.72	20.87	20.37	19.62	18.77
		2535.0	22.42	21.67	20.72	20.32	19.57	18.62
		2502.5	21.93	21.09	20.07	19.83	18.99	17.97
	1 RB low	2567.5	22.51	21.69	20.59	20.41	19.59	18.49
		2535.0	22.35	21.48	20.45	20.25	19.38	18.35
		2502.5	21.97	21.12	20.03	19.87	19.02	17.93
	50% RB mid	2567.5	21.65	20.47	19.56	19.55	18.37	17.46
		2535.0	21.35	20.22	19.29	19.25	18.12	17.19
		2502.5	21.09	20.16	19.11	18.99	18.06	17.01
	100% RB	2567.5	21.65	20.48	19.65	19.55	18.38	17.55
		2535.0	21.44	20.05	19.39	19.34	17.95	17.29
		2502.5	21.12	20.41	19.15	19.02	18.31	17.05
10MHz	1 RB high	2565.0	22.50	21.57	20.78	20.40	19.47	18.68
		2535.0	22.39	21.81	20.55	20.29	19.71	18.45
		2505.0	21.85	21.45	20.32	19.75	19.35	18.22
	1 RB low	2565.0	22.50	21.92	20.91	20.40	19.82	18.81
		2535.0	22.31	21.57	20.30	20.21	19.47	18.20
		2505.0	21.94	21.28	20.12	19.84	19.18	18.02
	50% RB mid	2565.0	21.63	20.40	19.75	19.53	18.30	17.65
		2535.0	21.44	20.17	19.36	19.34	18.07	17.26
		2505.0	21.00	20.26	18.98	18.90	18.16	16.88
	100% RB	2565.0	21.65	20.46	19.59	19.55	18.36	17.49
		2535.0	21.39	20.29	19.51	19.29	18.19	17.41
		2505.0	21.05	20.06	18.97	18.95	17.96	16.87
15MHz	1 RB high	2562.5	22.25	21.37	20.54	20.15	19.27	18.44
		2535.0	22.15	21.43	20.51	20.05	19.33	18.41
		2507.5	21.74	21.11	20.05	19.64	19.01	17.95
	1 RB low	2562.5	22.38	21.67	20.74	20.28	19.57	18.64
		2535.0	21.94	21.27	20.29	19.84	19.17	18.19
		2507.5	21.73	21.03	19.85	19.63	18.93	17.75
	50% RB mid	2562.5	21.49	20.49	19.54	19.39	18.39	17.44
		2535.0	21.26	20.17	19.18	19.16	18.07	17.08
		2507.5	20.86	20.09	18.96	18.76	17.99	16.86
	100% RB	2562.5	21.53	20.53	19.55	19.43	18.43	17.45
		2535.0	21.21	20.17	19.29	19.11	18.07	17.19
		2507.5	20.89	20.17	19.25	18.79	18.07	17.15

20M Hz	1 RB high	2560.0	22.18	21.41	20.61	20.08	19.31	18.51
		2535.0	22.12	21.48	20.23	20.02	19.38	18.13
		2510.0	22.18	21.47	20.61	20.08	19.37	18.51
	1 RB low	2560.0	22.19	21.43	20.36	20.09	19.33	18.26
		2535.0	22.18	21.35	20.33	20.08	19.25	18.23
		2510.0	22.42	21.74	20.63	20.32	19.64	18.53
	50% RB mid	2560.0	21.44	20.37	19.25	19.34	18.27	17.15
		2535.0	21.28	20.26	19.31	19.18	18.16	17.21
		2510.0	21.53	20.52	19.55	19.43	18.42	17.45
	100% RB	2560.0	21.42	20.43	19.47	19.32	18.33	17.37
		2535.0	21.37	20.24	19.18	19.27	18.14	17.08
		2510.0	21.60	20.60	19.58	19.50	18.50	17.48

LTE Band 7-ANT6-EIRP

Band width	RB size/offset	Frequency (MHz)	Conducted Power (dBm)			Radiated Power (dBm) ($G_T - L_C = 0$)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5MHz	1 RB high	2567.5	21.37	20.69	19.56	21.37	20.69	19.56
		2535.0	21.42	20.69	19.61	21.42	20.69	19.61
		2502.5	21.38	20.67	19.65	21.38	20.67	19.65
	1 RB low	2567.5	21.35	20.69	19.72	21.35	20.69	19.72
		2535.0	21.32	20.61	19.57	21.32	20.61	19.57
		2502.5	21.57	20.67	19.74	21.57	20.67	19.74
	50% RB mid	2567.5	20.54	19.47	18.53	20.54	19.47	18.53
		2535.0	20.28	19.39	18.44	20.28	19.39	18.44
		2502.5	20.61	19.61	18.50	20.61	19.61	18.50
	100% RB	2567.5	20.35	19.42	18.32	20.35	19.42	18.32
		2535.0	20.42	19.38	18.37	20.42	19.38	18.37
		2502.5	20.52	19.50	18.60	20.52	19.50	18.60
10MHz	1 RB high	2565.0	21.50	20.57	19.65	21.50	20.57	19.65
		2535.0	21.35	20.67	19.84	21.35	20.67	19.84
		2505.0	21.32	20.74	19.76	21.32	20.74	19.76
	1 RB low	2565.0	21.23	20.67	19.71	21.23	20.67	19.71
		2535.0	21.46	20.43	19.55	21.46	20.43	19.55
		2505.0	21.45	20.55	19.77	21.45	20.55	19.77
	50% RB mid	2565.0	20.25	19.46	18.66	20.25	19.46	18.66
		2535.0	20.41	19.48	18.57	20.41	19.48	18.57
		2505.0	20.54	19.58	18.76	20.54	19.58	18.76
	100% RB	2565.0	20.36	19.29	18.52	20.36	19.29	18.52
		2535.0	20.35	19.41	18.61	20.35	19.41	18.61
		2505.0	20.47	19.53	18.74	20.47	19.53	18.74
15MHz	1 RB high	2562.5	21.15	20.45	19.18	21.15	20.45	19.18
		2535.0	21.08	20.54	19.62	21.08	20.54	19.62
		2507.5	21.18	20.66	19.62	21.18	20.66	19.62
	1 RB low	2562.5	21.16	20.53	19.61	21.16	20.53	19.61
		2535.0	21.14	20.48	19.54	21.14	20.48	19.54
		2507.5	21.26	20.47	19.43	21.26	20.47	19.43
	50% RB mid	2562.5	20.24	19.29	18.42	20.24	19.29	18.42
		2535.0	20.25	19.25	18.38	20.25	19.25	18.38
		2507.5	20.41	19.39	18.56	20.41	19.39	18.56
	100% RB	2562.5	20.22	19.20	18.44	20.22	19.20	18.44
		2535.0	20.22	19.22	18.47	20.22	19.22	18.47
		2507.5	20.35	19.35	18.55	20.35	19.35	18.55

20M Hz	1 RB high	2560.0	21.07	20.38	19.77	21.07	20.38	19.77
		2535.0	21.10	20.38	19.24	21.10	20.38	19.24
		2510.0	21.14	20.62	19.53	21.14	20.62	19.53
	1 RB low	2560.0	21.11	20.47	19.32	21.11	20.47	19.32
		2535.0	21.11	20.47	19.53	21.11	20.47	19.53
		2510.0	21.22	20.22	19.82	21.22	20.22	19.82
	50% RB mid	2560.0	20.24	19.23	18.26	20.24	19.23	18.26
		2535.0	20.26	19.22	18.28	20.26	19.22	18.28
		2510.0	20.34	19.37	18.44	20.34	19.37	18.44
	100% RB	2560.0	20.17	19.17	18.26	20.17	19.17	18.26
		2535.0	20.25	19.20	18.37	20.25	19.20	18.37
		2510.0	20.35	19.37	18.39	20.35	19.37	18.39

LTE Band 12-ANT0-ERP

Band width	RB size/offset	Frequency (MHz)	Conducted Power (dBm)			Radiated Power (dBm) ($G_T - L_C$ = -5.2)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	715.3	24.11	23.65	22.39	16.76	16.30	15.04
		707.5	24.17	23.13	22.63	16.82	15.78	15.28
		699.7	24.12	23.36	22.70	16.77	16.01	15.35
	1 RB low	715.3	24.14	23.64	22.96	16.79	16.29	15.61
		707.5	24.14	23.20	22.64	16.79	15.85	15.29
		699.7	24.09	23.33	22.76	16.74	15.98	15.41
	50% RB mid	715.3	23.98	23.47	22.43	16.63	16.12	15.08
		707.5	24.23	23.34	22.64	16.88	15.99	15.29
		699.7	24.21	23.30	22.52	16.86	15.95	15.17
	100% RB	715.3	23.13	22.02	21.34	15.78	14.67	13.99
		707.5	23.13	22.30	21.50	15.78	14.95	14.15
		699.7	23.19	22.38	21.39	15.84	15.03	14.04
3MHz	1 RB high	714.5	24.16	23.16	22.42	16.81	15.81	15.07
		707.5	24.11	23.05	22.45	16.76	15.70	15.10
		700.5	24.28	23.20	22.42	16.93	15.85	15.07
	1 RB low	714.5	24.29	23.44	22.34	16.94	16.09	14.99
		707.5	24.22	23.20	22.15	16.87	15.85	14.80
		700.5	24.33	23.23	21.86	16.98	15.88	14.51
	50% RB mid	714.5	23.39	22.29	21.22	16.04	14.94	13.87
		707.5	23.28	22.47	21.38	15.93	15.12	14.03
		700.5	23.35	22.47	21.46	16.00	15.12	14.11
	100% RB	714.5	23.18	22.15	21.38	15.83	14.80	14.03
		707.5	23.29	22.32	21.41	15.94	14.97	14.06
		700.5	23.28	22.40	21.51	15.93	15.05	14.16
5MHz	1 RB high	713.5	24.34	23.39	22.78	16.99	16.04	15.43
		707.5	24.20	23.52	22.64	16.85	16.17	15.29
		701.5	24.18	23.88	22.80	16.83	16.53	15.45
	1 RB low	713.5	24.44	23.48	22.93	17.09	16.13	15.58
		707.5	24.23	23.40	22.96	16.88	16.05	15.61
		701.5	24.35	23.72	22.95	17.00	16.37	15.60
	50% RB mid	713.5	23.28	22.29	21.73	15.93	14.94	14.38
		707.5	23.27	22.36	21.67	15.92	15.01	14.32
		701.5	23.33	22.47	21.72	15.98	15.12	14.37
	100% RB	713.5	23.28	22.16	21.44	15.93	14.81	14.09
		707.5	23.26	22.18	21.55	15.91	14.83	14.20
		701.5	23.28	22.37	21.73	15.93	15.02	14.38

10MHz	1 RB high	711.0	24.47	23.53	22.72	17.12	16.18	15.37
		707.5	24.27	23.60	22.82	16.92	16.25	15.47
		704.0	24.31	23.30	22.89	16.96	15.95	15.54
	1 RB low	711.0	24.29	23.05	22.12	16.94	15.70	14.77
		707.5	24.26	23.52	22.57	16.91	16.17	15.22
		704.0	24.44	23.32	22.56	17.09	15.97	15.21
	50% RB mid	711.0	23.62	22.42	21.57	16.27	15.07	14.22
		707.5	23.53	22.60	21.79	16.18	15.25	14.44
		704.0	23.60	22.54	21.94	16.25	15.19	14.59
	100% RB	711.0	23.43	22.46	21.46	16.08	15.11	14.11
		707.5	23.30	22.59	21.68	15.95	15.24	14.33
		704.0	23.58	22.52	21.69	16.23	15.17	14.34

LTE Band 12-ANT2-ERP

Band width	RB size/offset	Frequency (MHz)	Conducted Power (dBm)			Radiated Power (dBm) ($G_T - L_C = -10$)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	715.3	23.65	22.55	21.11	11.50	10.40	8.96
		707.5	23.55	22.92	22.97	11.40	10.77	10.82
		699.7	23.65	22.89	23.00	11.50	10.74	10.85
	1 RB low	715.3	23.63	22.41	21.50	11.48	10.26	9.35
		707.5	23.61	22.86	22.81	11.46	10.71	10.66
		699.7	23.63	22.95	22.94	11.48	10.80	10.79
	50% RB mid	715.3	23.54	22.34	21.94	11.39	10.19	9.79
		707.5	23.62	22.73	22.65	11.47	10.58	10.50
		699.7	23.76	22.18	22.76	11.61	10.03	10.61
	100% RB	715.3	22.47	21.53	21.37	10.32	9.38	9.22
		707.5	22.69	21.73	21.74	10.54	9.58	9.59
		699.7	22.70	21.80	21.87	10.55	9.65	9.72
3MHz	1 RB high	714.5	23.82	22.88	22.67	11.67	10.73	10.52
		707.5	23.66	22.96	22.88	11.51	10.81	10.73
		700.5	23.35	22.93	22.94	11.20	10.78	10.79
	1 RB low	714.5	23.75	22.87	22.44	11.60	10.72	10.29
		707.5	23.68	22.94	22.80	11.53	10.79	10.65
		700.5	23.43	23.02	22.69	11.28	10.87	10.54
	50% RB mid	714.5	22.72	21.77	21.53	10.57	9.62	9.38
		707.5	22.76	21.75	21.78	10.61	9.60	9.63
		700.5	22.77	21.93	21.88	10.62	9.78	9.73
	100% RB	714.5	22.71	21.56	21.43	10.56	9.41	9.28
		707.5	22.72	21.84	21.74	10.57	9.69	9.59
		700.5	22.81	21.86	21.85	10.66	9.71	9.70
5MHz	1 RB high	713.5	23.72	22.76	22.86	11.57	10.61	10.71
		707.5	23.38	22.97	21.90	11.23	10.82	9.75
		701.5	23.49	22.21	21.66	11.34	10.06	9.51
	1 RB low	713.5	23.68	22.86	22.49	11.53	10.71	10.34
		707.5	23.47	23.04	22.15	11.32	10.89	10.00
		701.5	23.75	22.74	21.35	11.60	10.59	9.20
	50% RB mid	713.5	22.67	21.76	21.68	10.52	9.61	9.53
		707.5	22.76	21.54	21.69	10.61	9.39	9.54
		701.5	22.53	21.35	21.86	10.38	9.20	9.71
	100% RB	713.5	22.62	21.55	21.55	10.47	9.40	9.40
		707.5	22.44	21.78	21.73	10.29	9.63	9.58
		701.5	22.80	21.38	21.15	10.65	9.23	9.00

10MHz	1 RB high	711.0	23.23	22.73	21.59	11.08	10.58	9.44
		707.5	23.26	22.65	21.50	11.11	10.50	9.35
		704.0	23.28	22.67	21.61	11.13	10.52	9.46
	1 RB low	711.0	23.30	22.82	21.58	11.15	10.67	9.43
		707.5	23.32	22.80	21.67	11.17	10.65	9.52
		704.0	23.45	22.76	21.80	11.30	10.61	9.65
	50% RB mid	711.0	22.34	21.41	20.44	10.19	9.26	8.29
		707.5	22.31	21.46	20.41	10.16	9.31	8.26
		704.0	22.45	21.60	20.60	10.30	9.45	8.45
	100% RB	711.0	22.41	21.28	20.44	10.26	9.13	8.29
		707.5	22.36	21.42	20.42	10.21	9.27	8.27
		704.0	22.41	21.54	20.56	10.26	9.39	8.41

LTE Band 26(814MHz~824MHz)-ANT 0-ERP

Band width	RB size/offset	Frequency (MHz)	Conducted Power (dBm)			Radiated Power (dBm) (G_T – L_C = -5.5)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	823.3	23.89	23.00	21.95	16.24	15.35	14.30
		819.0	23.89	23.09	22.00	16.24	15.44	14.35
		814.7	24.02	23.07	22.05	16.37	15.42	14.40
	1 RB low	823.3	23.84	22.96	21.99	16.19	15.31	14.34
		819.0	23.88	23.09	22.05	16.23	15.44	14.40
		814.7	24.00	23.05	22.03	16.35	15.40	14.38
	50% RB mid	823.3	23.91	23.06	21.96	16.26	15.41	14.31
		819.0	23.87	23.06	21.96	16.22	15.41	14.31
		814.7	23.88	23.16	22.02	16.23	15.51	14.37
	100% RB	823.3	22.92	21.74	20.71	15.27	14.09	13.06
		819.0	22.89	21.78	20.64	15.24	14.13	12.99
		814.7	22.88	22.04	20.86	15.23	14.39	13.21
3MHz	1 RB high	822.5	23.93	22.97	22.03	16.28	15.32	14.38
		819.0	23.90	23.02	22.07	16.25	15.37	14.42
		815.5	23.91	22.96	22.03	16.26	15.31	14.38
	1 RB low	822.5	23.88	22.99	22.02	16.23	15.34	14.37
		819.0	23.87	22.98	21.98	16.22	15.33	14.33
		815.5	23.98	23.05	22.15	16.33	15.40	14.50
	50% RB mid	822.5	22.93	21.99	21.01	15.28	14.34	13.36
		819.0	22.90	21.98	21.03	15.25	14.33	13.38
		815.5	22.94	22.00	21.09	15.29	14.35	13.44
	100% RB	822.5	22.88	22.01	20.92	15.23	14.36	13.27
		819.0	22.91	21.95	20.96	15.26	14.30	13.31
		815.5	22.88	21.94	21.11	15.23	14.29	13.46
5MHz	1 RB high	821.5	23.82	23.16	21.94	16.17	15.51	14.29
		819.0	23.80	23.15	21.96	16.15	15.50	14.31
		816.5	23.79	23.04	21.89	16.14	15.39	14.24
	1 RB low	821.5	23.78	23.13	21.93	16.13	15.48	14.28
		819.0	23.81	23.13	21.92	16.16	15.48	14.27
		816.5	23.86	23.17	22.02	16.21	15.52	14.37
	50% RB mid	821.5	22.95	22.05	20.86	15.30	14.40	13.21
		819.0	22.90	22.04	20.88	15.25	14.39	13.23
		816.5	22.85	21.99	20.84	15.20	14.34	13.19
	100% RB	821.5	22.90	21.91	20.85	15.25	14.26	13.20
		819.0	22.88	21.92	20.88	15.23	14.27	13.23

		816.5	22.87	21.91	20.82	15.22	14.26	13.17
10MHz	1 RB high	819.0	23.71	22.92	21.93	16.06	15.27	14.28
	1 RB low	819.0	23.78	22.88	21.92	16.13	15.23	14.27
	50% RB mid	819.0	22.87	21.91	20.89	15.22	14.26	13.24
	100% RB	819.0	22.85	21.91	20.85	15.20	14.26	13.20

LTE Band 26(814MHz~824MHz)-ANT 2-ERP

Band width	RB size/offset	Frequency (MHz)	Conducted Power (dBm)			Radiated Power (dBm) ($G_T - L_C$ = -7)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	823.3	23.52	22.65	22.31	14.37	13.50	13.16
		819.0	23.51	22.67	22.35	14.36	13.52	13.20
		814.7	23.06	22.62	22.33	13.91	13.47	13.18
	1 RB low	823.3	23.47	22.57	22.29	14.32	13.42	13.14
		819.0	23.48	22.59	22.28	14.33	13.44	13.13
		814.7	23.02	22.58	22.31	13.87	13.43	13.16
	50% RB mid	823.3	23.52	22.76	22.31	14.37	13.61	13.16
		819.0	23.52	22.74	22.29	14.37	13.59	13.14
		814.7	23.54	22.80	22.32	14.39	13.65	13.17
	100% RB	823.3	22.55	21.68	21.04	13.40	12.53	11.89
		819.0	22.56	21.69	21.13	13.41	12.54	11.98
		814.7	22.55	21.70	21.14	13.40	12.55	11.99
3MHz	1 RB high	822.5	23.62	22.66	22.34	14.47	13.51	13.19
		819.0	23.56	22.74	22.37	14.41	13.59	13.22
		815.5	23.52	22.65	22.34	14.37	13.50	13.19
	1 RB low	822.5	23.58	22.64	22.36	14.43	13.49	13.21
		819.0	23.58	22.71	22.36	14.43	13.56	13.21
		815.5	23.66	22.71	22.37	14.51	13.56	13.22
	50% RB mid	822.5	22.65	21.71	21.26	13.50	12.56	12.11
		819.0	22.62	21.71	21.34	13.47	12.56	12.19
		815.5	22.65	21.67	21.25	13.50	12.52	12.10
	100% RB	822.5	22.59	21.71	21.24	13.44	12.56	12.09
		819.0	22.61	21.65	21.26	13.46	12.50	12.11
		815.5	22.60	21.57	21.17	13.45	12.42	12.02
5MHz	1 RB high	821.5	23.56	22.72	22.34	14.41	13.57	13.19
		819.0	23.53	22.84	22.38	14.38	13.69	13.23
		816.5	23.47	22.63	22.24	14.32	13.48	13.09
	1 RB low	821.5	23.57	22.62	22.28	14.42	13.47	13.13
		819.0	23.54	22.86	22.35	14.39	13.71	13.20
		816.5	23.62	22.69	22.33	14.47	13.54	13.18
	50% RB mid	821.5	22.68	21.66	21.23	13.53	12.51	12.08
		819.0	22.64	21.68	21.32	13.49	12.53	12.17
		816.5	22.59	21.69	21.25	13.44	12.54	12.10
	100% RB	821.5	22.59	21.51	21.24	13.44	12.36	12.09
		819.0	22.61	21.54	21.25	13.46	12.39	12.10
		816.5	22.54	21.56	21.21	13.39	12.41	12.06

10MHz	1 RB high	819.0	23.47	22.57	22.26	14.32	13.42	13.11
	1 RB low	819.0	23.51	22.57	22.32	14.36	13.42	13.17
	50% RB mid	819.0	22.62	21.73	21.19	13.47	12.58	12.04
	100% RB	819.0	22.59	21.62	21.17	13.44	12.47	12.02

LTE Band 26(824MHz~849MHz)-ANT0-ERP

Band width	RB size/offset	Frequency (MHz)	Conducted Power (dBm)			Radiated Power (dBm) (G_T – L_C = -5.5)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	848.3	23.71	22.84	21.76	16.06	15.19	14.11
		836.5	23.95	23.16	22.06	16.30	15.51	14.41
		824.7	23.71	23.26	22.24	16.06	15.61	14.59
	1 RB low	848.3	23.74	22.87	21.77	16.09	15.22	14.12
		836.5	23.98	23.11	22.01	16.33	15.46	14.36
		824.7	23.65	23.24	22.15	16.00	15.59	14.50
	50% RB mid	848.3	23.67	22.93	21.64	16.02	15.28	13.99
		836.5	23.88	23.15	21.86	16.23	15.50	14.21
		824.7	24.10	23.31	22.12	16.45	15.66	14.47
	100% RB	848.3	22.73	21.82	20.56	15.08	14.17	12.91
		836.5	22.88	22.13	20.82	15.23	14.48	13.17
		824.7	23.02	21.96	21.09	15.37	14.31	13.44
3MHz	1 RB high	847.5	23.73	22.76	21.79	16.08	15.11	14.14
		836.5	23.97	23.01	21.99	16.32	15.36	14.34
		825.5	24.01	23.08	22.07	16.36	15.43	14.42
	1 RB low	847.5	23.74	22.83	21.83	16.09	15.18	14.18
		836.5	23.97	23.09	22.02	16.32	15.44	14.37
		825.5	24.03	23.07	22.05	16.38	15.42	14.40
	50% RB mid	847.5	22.75	21.82	20.64	15.10	14.17	12.99
		836.5	22.95	22.00	20.82	15.30	14.35	13.17
		825.5	23.05	22.15	21.01	15.40	14.50	13.36
	100% RB	847.5	22.74	21.78	20.62	15.09	14.13	12.97
		836.5	22.91	21.95	20.86	15.26	14.30	13.21
		825.5	23.02	22.05	21.06	15.37	14.40	13.41
5MHz	1 RB high	846.5	23.61	22.74	21.74	15.96	15.09	14.09
		836.5	23.81	23.12	21.88	16.16	15.47	14.23
		826.5	23.96	23.08	21.95	16.31	15.43	14.30
	1 RB low	846.5	23.67	22.86	21.83	16.02	15.21	14.18
		836.5	23.76	23.18	22.02	16.11	15.53	14.37
		826.5	23.96	23.09	22.03	16.31	15.44	14.38
	50% RB mid	846.5	22.74	21.87	20.69	15.09	14.22	13.04
		836.5	22.89	22.07	20.88	15.24	14.42	13.23
		826.5	22.93	22.06	20.86	15.28	14.41	13.21
	100% RB	846.5	22.71	21.75	20.68	15.06	14.10	13.03
		836.5	22.87	21.92	20.79	15.22	14.27	13.14
		826.5	22.88	21.91	20.88	15.23	14.26	13.23

10M Hz	1 RB high	844.0	23.68	22.77	21.72	16.03	15.12	14.07
		836.5	23.77	22.94	21.83	16.12	15.29	14.18
		829.0	24.00	23.08	21.93	16.35	15.43	14.28
	1 RB low	844.0	23.82	22.82	21.85	16.17	15.17	14.20
		836.5	23.88	23.10	22.02	16.23	15.45	14.37
		829.0	24.02	23.08	22.01	16.37	15.43	14.36
	50% RB mid	844.0	22.76	21.91	20.74	15.11	14.26	13.09
		836.5	22.91	21.98	20.89	15.26	14.33	13.24
		829.0	22.94	21.98	20.86	15.29	14.33	13.21
	100% RB	844.0	22.72	21.79	20.67	15.07	14.14	13.02
		836.5	22.90	21.92	20.79	15.25	14.27	13.14
		829.0	22.88	21.89	20.93	15.23	14.24	13.28
15M Hz	1 RB high	841.5	23.63	23.25	21.59	15.98	15.60	13.94
		836.5	23.47	22.95	21.62	15.82	15.30	13.97
		831.5	23.59	23.07	21.74	15.94	15.42	14.09
	1 RB low	841.5	23.84	23.48	21.81	16.19	15.83	14.16
		836.5	23.66	23.12	21.83	16.01	15.47	14.18
		831.5	23.75	23.19	21.86	16.10	15.54	14.21
	50% RB mid	841.5	22.74	21.78	20.60	15.09	14.13	12.95
		836.5	22.81	21.85	20.66	15.16	14.20	13.01
		831.5	22.88	21.94	20.72	15.23	14.29	13.07
	100% RB	841.5	22.76	21.77	20.61	15.11	14.12	12.96
		836.5	22.67	21.75	20.59	15.02	14.10	12.94
		831.5	22.84	21.88	20.74	15.19	14.23	13.09

LTE Band 26(824MHz~849MHz)-ANT2-ERP

Band width	RB size/offset	Frequency (MHz)	Conducted Power (dBm)			Radiated Power (dBm) ($G_T - L_C = -7$)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	848.3	23.29	22.43	22.05	14.14	13.28	12.90
		836.5	23.52	22.71	22.39	14.37	13.56	13.24
		824.7	23.76	22.89	22.35	14.61	13.74	13.20
	1 RB low	848.3	23.31	22.45	22.07	14.16	13.30	12.92
		836.5	23.51	22.65	22.34	14.36	13.50	13.19
		824.7	23.69	22.81	22.36	14.54	13.66	13.21
	50% RB mid	848.3	23.24	22.54	22.11	14.09	13.39	12.96
		836.5	23.48	22.75	22.36	14.33	13.60	13.21
		824.7	23.64	22.89	22.40	14.49	13.74	13.25
	100% RB	848.3	22.26	21.49	21.12	13.11	12.34	11.97
		836.5	22.50	21.67	21.17	13.35	12.52	12.02
		824.7	22.63	21.85	21.24	13.48	12.70	12.09
3MHz	1 RB high	847.5	23.33	22.40	22.13	14.18	13.25	12.98
		836.5	23.51	22.62	22.34	14.36	13.47	13.19
		825.5	23.66	22.71	22.36	14.51	13.56	13.21
	1 RB low	847.5	23.42	22.44	22.14	14.27	13.29	12.99
		836.5	23.56	22.68	22.32	14.41	13.53	13.17
		825.5	23.65	22.73	22.37	14.50	13.58	13.22
	50% RB mid	847.5	22.41	21.49	21.06	13.26	12.34	11.91
		836.5	22.59	21.66	21.29	13.44	12.51	12.14
		825.5	22.72	21.73	21.37	13.57	12.58	12.22
	100% RB	847.5	22.38	21.43	20.97	13.23	12.28	11.82
		836.5	22.58	21.63	21.25	13.43	12.48	12.10
		825.5	22.68	21.67	21.35	13.53	12.52	12.20
5MHz	1 RB high	846.5	23.33	22.43	22.12	14.18	13.28	12.97
		836.5	23.50	22.65	22.33	14.35	13.50	13.18
		826.5	23.64	22.78	22.36	14.49	13.63	13.21
	1 RB low	846.5	23.37	22.48	22.16	14.22	13.33	13.01
		836.5	23.55	22.66	22.34	14.40	13.51	13.19
		826.5	23.60	22.73	22.35	14.45	13.58	13.20
	50% RB mid	846.5	22.42	21.56	21.07	13.27	12.41	11.92
		836.5	22.59	21.75	21.25	13.44	12.60	12.10
		826.5	22.59	21.76	21.28	13.44	12.61	12.13
	100% RB	846.5	22.36	21.43	21.05	13.21	12.28	11.90
		836.5	22.54	21.59	21.19	13.39	12.44	12.04
		826.5	22.57	21.59	21.24	13.42	12.44	12.09

10M Hz	1 RB high	844.0	23.31	22.46	21.95	14.16	13.31	12.80
		836.5	23.35	22.60	22.08	14.20	13.45	12.93
		829.0	23.53	22.67	22.26	14.38	13.52	13.11
	1 RB low	844.0	23.44	22.66	22.17	14.29	13.51	13.02
		836.5	23.49	22.65	22.22	14.34	13.50	13.07
		829.0	23.63	22.82	22.32	14.48	13.67	13.17
	50% RB mid	844.0	22.44	21.49	20.94	13.29	12.34	11.79
		836.5	22.56	21.61	21.02	13.41	12.46	11.87
		829.0	22.56	21.63	21.14	13.41	12.48	11.99
	100% RB	844.0	22.42	21.46	20.98	13.27	12.31	11.83
		836.5	22.54	21.56	21.02	13.39	12.41	11.87
		829.0	22.56	21.59	21.09	13.41	12.44	11.94
15M Hz	1 RB high	841.5	23.13	22.58	21.83	13.98	13.43	12.68
		836.5	23.09	22.39	21.87	13.94	13.24	12.72
		831.5	23.25	22.48	21.97	14.10	13.33	12.82
	1 RB low	841.5	23.30	22.78	22.05	14.15	13.63	12.90
		836.5	23.30	22.59	22.02	14.15	13.44	12.87
		831.5	23.35	22.68	22.12	14.20	13.53	12.97
	50% RB mid	841.5	22.33	21.36	20.81	13.18	12.21	11.66
		836.5	22.35	21.41	20.85	13.20	12.26	11.70
		831.5	22.37	21.46	20.96	13.22	12.31	11.81
	100% RB	841.5	22.32	21.36	20.84	13.17	12.21	11.69
		836.5	22.30	21.31	20.81	13.15	12.16	11.66
		831.5	22.34	21.40	20.94	13.19	12.25	11.79

LTE Band 38-ANT1-EIRP

Band width	RB size/offset	Frequency (MHz)	Conducted Power (dBm)			Radiated Power (dBm) ($G_T - L_C$ = -2.1)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5MHz	1 RB high	2617.5	24.68	23.33	22.18	22.58	21.23	20.08
		2595.0	24.42	23.48	22.24	22.32	21.38	20.14
		2572.5	24.35	23.47	22.33	22.25	21.37	20.23
	1 RB low	2617.5	24.62	23.35	22.24	22.52	21.25	20.14
		2595.0	24.41	23.29	22.49	22.31	21.19	20.39
		2572.5	24.30	23.36	22.38	22.20	21.26	20.28
	50% RB mid	2617.5	23.62	22.50	21.60	21.52	20.40	19.50
		2595.0	23.41	22.37	21.55	21.31	20.27	19.45
		2572.5	23.45	22.37	21.67	21.35	20.27	19.57
	100% RB	2617.5	23.48	22.43	21.60	21.38	20.33	19.50
		2595.0	23.36	22.34	21.57	21.26	20.24	19.47
		2572.5	23.39	22.37	21.67	21.29	20.27	19.57
10MHz	1 RB high	2615.0	24.53	23.56	22.28	22.43	21.46	20.18
		2595.0	24.44	23.43	22.23	22.34	21.33	20.13
		2575.0	24.35	23.45	22.32	22.25	21.35	20.22
	1 RB low	2615.0	24.52	23.54	22.31	22.42	21.44	20.21
		2595.0	24.43	23.36	22.30	22.33	21.26	20.20
		2575.0	24.34	23.46	22.30	22.24	21.36	20.20
	50% RB mid	2615.0	23.50	22.47	21.66	21.40	20.37	19.56
		2595.0	23.44	22.44	21.68	21.34	20.34	19.58
		2575.0	23.41	22.49	21.77	21.31	20.39	19.67
	100% RB	2615.0	23.48	22.50	21.54	21.38	20.40	19.44
		2595.0	23.40	22.39	21.57	21.30	20.29	19.47
		2575.0	23.45	22.47	21.67	21.35	20.37	19.57
15MHz	1 RB high	2612.5	24.64	23.51	22.08	22.54	21.41	19.98
		2595.0	24.49	23.43	22.11	22.39	21.33	20.01
		2577.5	24.46	23.33	22.12	22.36	21.23	20.02
	1 RB low	2612.5	24.63	23.51	22.17	22.53	21.41	20.07
		2595.0	24.47	23.35	22.13	22.37	21.25	20.03
		2577.5	24.42	23.29	22.12	22.32	21.19	20.02
	50% RB mid	2612.5	23.57	22.40	21.49	21.47	20.30	19.39
		2595.0	23.46	22.45	21.47	21.36	20.35	19.37
		2577.5	23.49	22.42	21.54	21.39	20.32	19.44
	100% RB	2612.5	23.49	22.39	21.42	21.39	20.29	19.32
		2595.0	23.44	22.36	21.41	21.34	20.26	19.31
		2577.5	23.41	22.38	21.51	21.31	20.28	19.41

20MHz	1 RB high	2610.0	24.19	23.53	22.01	22.09	21.43	19.91
		2595.0	24.26	23.72	22.04	22.16	21.62	19.94
		2580.0	24.22	23.55	22.09	22.12	21.45	19.99
	1 RB low	2610.0	24.20	23.42	22.09	22.10	21.32	19.99
		2595.0	24.23	23.66	22.13	22.13	21.56	20.03
		2580.0	24.08	23.49	22.14	21.98	21.39	20.04
	50% RB mid	2610.0	23.26	22.27	21.44	21.16	20.17	19.34
		2595.0	23.19	22.26	21.41	21.09	20.16	19.31
		2580.0	23.25	22.23	21.55	21.15	20.13	19.45
	100% RB	2610.0	23.19	22.18	21.39	21.09	20.08	19.29
		2595.0	23.11	22.18	21.41	21.01	20.08	19.31
		2580.0	23.21	22.20	21.52	21.11	20.10	19.42

LTE Band 38-ANT6-EIRP

Band width	RB size/offset	Frequency (MHz)	Conducted Power (dBm)			Radiated Power (dBm) ($G_T - L_C = 0$)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5MHz	1 RB high	2617.5	23.59	22.51	22.51	23.59	22.51	22.51
		2595.0	23.42	22.57	22.45	23.42	22.57	22.45
		2572.5	23.44	22.56	22.49	23.44	22.56	22.49
	1 RB low	2617.5	23.55	22.42	22.50	23.55	22.42	22.50
		2595.0	23.42	22.43	22.47	23.42	22.43	22.47
		2572.5	23.49	22.51	22.51	23.49	22.51	22.51
	50% RB mid	2617.5	22.52	21.34	21.43	22.52	21.34	21.43
		2595.0	22.36	21.32	21.33	22.36	21.32	21.33
		2572.5	22.48	21.43	21.46	22.48	21.43	21.46
	100% RB	2617.5	22.53	21.45	21.37	22.53	21.45	21.37
		2595.0	22.35	21.39	21.27	22.35	21.39	21.27
		2572.5	22.46	21.45	21.47	22.46	21.45	21.47
10MHz	1 RB high	2615.0	23.50	22.44	22.30	23.50	22.44	22.30
		2595.0	23.35	22.36	22.30	23.35	22.36	22.30
		2575.0	23.31	22.39	22.29	23.31	22.39	22.29
	1 RB low	2615.0	23.49	22.48	22.28	23.49	22.48	22.28
		2595.0	23.45	22.50	22.38	23.45	22.50	22.38
		2575.0	23.45	22.58	22.46	23.45	22.58	22.46
	50% RB mid	2615.0	22.40	21.39	21.31	22.40	21.39	21.31
		2595.0	22.36	21.36	21.34	22.36	21.36	21.34
		2575.0	22.46	21.54	21.29	22.46	21.54	21.29
	100% RB	2615.0	22.41	21.44	21.34	22.41	21.44	21.34
		2595.0	22.37	21.43	21.40	22.37	21.43	21.40
		2575.0	22.47	21.53	21.57	22.47	21.53	21.57
15MHz	1 RB high	2612.5	23.32	22.30	22.20	23.32	22.30	22.20
		2595.0	23.23	22.31	22.14	23.23	22.31	22.14
		2577.5	23.20	22.37	22.16	23.20	22.37	22.16
	1 RB low	2612.5	23.34	22.33	22.28	23.34	22.33	22.28
		2595.0	23.31	22.44	22.20	23.31	22.44	22.20
		2577.5	23.30	22.53	22.39	23.30	22.53	22.39
	50% RB mid	2612.5	22.20	21.22	21.24	22.20	21.22	21.24
		2595.0	22.25	21.27	21.28	22.25	21.27	21.28
		2577.5	22.33	21.31	21.20	22.33	21.31	21.20
	100% RB	2612.5	22.20	21.26	21.30	22.20	21.26	21.30
		2595.0	22.21	21.28	21.26	22.21	21.28	21.26
		2577.5	22.35	21.37	21.43	22.35	21.37	21.43

20MHz	1 RB high	2610.0	22.87	21.86	21.85	22.87	21.86	21.85
		2595.0	22.75	21.81	21.77	22.75	21.81	21.77
		2580.0	22.74	21.84	21.69	22.74	21.84	21.69
	1 RB low	2610.0	22.85	21.97	21.82	22.85	21.97	21.82
		2595.0	22.86	21.96	21.76	22.86	21.96	21.76
		2580.0	22.73	21.99	21.84	22.73	21.99	21.84
	50% RB mid	2610.0	21.81	20.82	20.72	21.81	20.82	20.72
		2595.0	21.74	20.75	20.71	21.74	20.75	20.71
		2580.0	21.82	20.84	20.83	21.82	20.84	20.83
	100% RB	2610.0	21.84	20.78	20.81	21.84	20.78	20.81
		2595.0	21.72	20.78	20.84	21.72	20.78	20.84
		2580.0	21.81	20.82	20.84	21.81	20.82	20.84

LTE Band 41-ANT1-EIRP

Band width	RB size/offset	Frequency (MHz)	Conducted Power (dBm)			Radiated Power (dBm) ($G_T - L_C$ = -2.1)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5MHz	1 RB high	2687.5	24.57	23.61	23.43	22.47	21.51	21.33
		2593.0	24.37	23.44	22.09	22.27	21.34	19.99
		2498.5	24.50	23.57	22.18	22.40	21.47	20.08
	1 RB low	2687.5	24.56	23.59	23.55	22.46	21.49	21.45
		2593.0	24.43	23.51	22.05	22.33	21.41	19.95
		2498.5	24.53	23.61	22.12	22.43	21.51	20.02
	50% RB mid	2687.5	23.62	22.51	22.55	21.52	20.41	20.45
		2593.0	23.45	22.42	21.60	21.35	20.32	19.50
		2498.5	23.56	22.57	21.64	21.46	20.47	19.54
	100% RB	2687.5	23.55	22.55	22.49	21.45	20.45	20.39
		2593.0	23.46	22.51	21.61	21.36	20.41	19.51
		2498.5	23.52	22.52	21.60	21.42	20.42	19.50
10MHz	1 RB high	2685.0	24.07	23.08	22.15	21.97	20.98	20.05
		2593.0	23.79	22.91	21.91	21.69	20.81	19.81
		2501.0	23.92	23.03	22.35	21.82	20.93	20.25
	1 RB low	2685.0	24.17	23.16	22.12	22.07	21.06	20.02
		2593.0	23.80	22.96	22.02	21.70	20.86	19.92
		2501.0	23.92	23.09	22.33	21.82	20.99	20.23
	50% RB mid	2685.0	23.43	22.42	21.72	21.33	20.32	19.62
		2593.0	23.27	22.24	21.67	21.17	20.14	19.57
		2501.0	23.08	22.09	21.72	20.98	19.99	19.62
	100% RB	2685.0	23.32	22.31	21.53	21.22	20.21	19.43
		2593.0	23.15	22.15	21.55	21.05	20.05	19.45
		2501.0	23.03	22.07	21.70	20.93	19.97	19.60
15MHz	1 RB high	2682.5	24.24	23.28	22.20	22.14	21.18	20.10
		2593.0	23.85	23.01	21.91	21.75	20.91	19.81
		2503.5	23.78	22.92	22.03	21.68	20.82	19.93
	1 RB low	2682.5	24.11	23.09	21.99	22.01	20.99	19.89
		2593.0	23.79	22.92	21.87	21.69	20.82	19.77
		2503.5	23.83	22.92	22.03	21.73	20.82	19.93
	50% RB mid	2682.5	23.37	22.28	21.55	21.27	20.18	19.45
		2593.0	23.12	22.10	21.47	21.02	20.00	19.37
		2503.5	22.94	21.95	21.47	20.84	19.85	19.37
	100% RB	2682.5	23.23	22.27	21.50	21.13	20.17	19.40
		2593.0	23.09	22.12	21.45	20.99	20.02	19.35
		2503.5	22.94	22.00	21.55	20.84	19.90	19.45

20MHz	1 RB high	2680.0	24.59	23.14	23.24	22.49	21.04	21.14
		2593.0	24.12	22.97	22.88	22.02	20.87	20.78
		2506.0	24.30	22.79	23.19	22.20	20.69	21.09
	1 RB low	2680.0	24.33	22.98	22.96	22.23	20.88	20.86
		2593.0	24.10	22.82	22.92	22.00	20.72	20.82
		2506.0	24.43	22.85	23.34	22.33	20.75	21.24
	50% RB mid	2680.0	23.29	22.27	22.56	21.19	20.17	20.46
		2593.0	22.97	22.02	22.43	20.87	19.92	20.33
		2506.0	22.80	21.88	22.47	20.70	19.78	20.37
	100% RB	2680.0	23.17	22.16	22.53	21.07	20.06	20.43
		2593.0	22.90	21.94	22.43	20.80	19.84	20.33
		2506.0	22.86	21.88	22.57	20.76	19.78	20.47

LTE Band 41-ANT6-EIRP

Band width	RB size/offset	Frequency (MHz)	Conducted Power (dBm)			Radiated Power (dBm) ($G_T - L_C = 0$)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5MHz	1 RB high	2687.5	23.04	22.02	21.96	23.04	22.02	21.96
		2593.0	23.00	22.21	21.98	23.00	22.21	21.98
		2498.5	23.15	22.33	20.99	23.15	22.33	20.99
	1 RB low	2687.5	22.96	22.10	21.93	22.96	22.10	21.93
		2593.0	23.08	22.25	22.01	23.08	22.25	22.01
		2498.5	23.11	22.28	20.84	23.11	22.28	20.84
	50% RB mid	2687.5	22.06	21.04	21.05	22.06	21.04	21.05
		2593.0	22.18	21.22	21.21	22.18	21.22	21.21
		2498.5	22.20	21.19	20.34	22.20	21.19	20.34
	100% RB	2687.5	22.03	21.05	20.96	22.03	21.05	20.96
		2593.0	22.20	21.24	21.19	22.20	21.24	21.19
		2498.5	22.16	21.28	20.29	22.16	21.28	20.29
10MHz	1 RB high	2685.0	22.77	21.86	21.70	22.77	21.86	21.70
		2593.0	22.90	21.98	21.72	22.90	21.98	21.72
		2501.0	23.12	22.26	22.07	23.12	22.26	22.07
	1 RB low	2685.0	22.87	21.89	21.75	22.87	21.89	21.75
		2593.0	22.86	22.05	21.75	22.86	22.05	21.75
		2501.0	23.13	22.26	22.10	23.13	22.26	22.10
	50% RB mid	2685.0	22.15	21.12	21.08	22.15	21.12	21.08
		2593.0	22.28	21.31	21.21	22.28	21.31	21.21
		2501.0	22.26	21.25	21.26	22.26	21.25	21.26
	100% RB	2685.0	22.05	21.10	20.94	22.05	21.10	20.94
		2593.0	22.20	21.22	21.15	22.20	21.22	21.15
		2501.0	22.23	21.32	21.20	22.23	21.32	21.20
15MHz	1 RB high	2682.5	22.99	21.98	21.71	22.99	21.98	21.71
		2593.0	22.85	21.99	21.63	22.85	21.99	21.63
		2503.5	23.00	22.11	21.81	23.00	22.11	21.81
	1 RB low	2682.5	22.79	21.85	21.56	22.79	21.85	21.56
		2593.0	22.86	21.96	21.65	22.86	21.96	21.65
		2503.5	22.97	22.13	21.86	22.97	22.13	21.86
	50% RB mid	2682.5	22.07	20.99	20.99	22.07	20.99	20.99
		2593.0	22.17	21.16	21.11	22.17	21.16	21.11
		2503.5	22.10	21.12	21.08	22.10	21.12	21.08
	100% RB	2682.5	22.01	21.00	20.97	22.01	21.00	20.97
		2593.0	22.12	21.15	21.16	22.12	21.15	21.16
		2503.5	22.09	21.17	21.10	22.09	21.17	21.10

20MHz	1 RB high	2680.0	22.97	22.00	21.74	22.97	22.00	21.74
		2593.0	22.76	21.86	21.60	22.76	21.86	21.60
		2506.0	23.11	22.26	21.94	23.11	22.26	21.94
	1 RB low	2680.0	22.71	21.75	21.57	22.71	21.75	21.57
		2593.0	22.77	21.88	21.54	22.77	21.88	21.54
		2506.0	23.12	22.27	21.95	23.12	22.27	21.95
	50% RB mid	2680.0	22.13	21.11	21.04	22.13	21.11	21.04
		2593.0	22.23	21.19	21.21	22.23	21.19	21.21
		2506.0	22.22	21.27	21.21	22.22	21.27	21.21
	100% RB	2680.0	21.98	21.02	20.99	21.98	21.02	20.99
		2593.0	22.14	21.19	21.17	22.14	21.19	21.17
		2506.0	22.26	21.34	21.25	22.26	21.34	21.25

LTE Band 66-ANT1-EIRP

Band width	RB size/offset	Frequency (MHz)	Conducted Power (dBm)			Radiated Power (dBm) ($G_T - L_C = -2$)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	1779.3	23.62	22.75	21.79	21.62	20.75	19.79
		1745.0	23.51	23.03	21.87	21.51	21.03	19.87
		1710.7	23.56	22.68	21.89	21.56	20.68	19.89
	1 RB low	1779.3	23.64	22.74	21.96	21.64	20.74	19.96
		1745.0	23.52	23.04	21.84	21.52	21.04	19.84
		1710.7	23.59	22.66	21.67	21.59	20.66	19.67
	50% RB mid	1779.3	23.58	22.68	21.94	21.58	20.68	19.94
		1745.0	23.63	22.85	21.89	21.63	20.85	19.89
		1710.7	23.68	22.94	21.91	21.68	20.94	19.91
	100% RB	1779.3	22.58	21.84	20.72	20.58	19.84	18.72
		1745.0	22.64	21.52	20.73	20.64	19.52	18.73
		1710.7	22.72	21.89	20.63	20.72	19.89	18.63
3MHz	1 RB high	1778.5	23.65	22.75	22.02	21.65	20.75	20.02
		1745.0	23.69	22.69	21.93	21.69	20.69	19.93
		1711.5	23.73	22.67	22.07	21.73	20.67	20.07
	1 RB low	1778.5	23.62	22.82	21.97	21.62	20.82	19.97
		1745.0	23.68	22.71	21.91	21.68	20.71	19.91
		1711.5	23.73	22.70	21.95	21.73	20.70	19.95
	50% RB mid	1778.5	22.77	21.79	20.83	20.77	19.79	18.83
		1745.0	22.74	21.81	20.97	20.74	19.81	18.97
		1711.5	22.78	21.89	20.92	20.78	19.89	18.92
	100% RB	1778.5	22.75	21.73	20.76	20.75	19.73	18.76
		1745.0	22.73	21.72	20.72	20.73	19.72	18.72
		1711.5	22.75	21.81	20.77	20.75	19.81	18.77
5MHz	1 RB high	1777.5	23.78	22.85	21.86	21.78	20.85	19.86
		1745.0	23.76	22.87	21.93	21.76	20.87	19.93
		1712.5	23.69	22.91	21.75	21.69	20.91	19.75
	1 RB low	1777.5	23.82	22.90	22.14	21.82	20.90	20.14
		1745.0	23.69	22.84	21.85	21.69	20.84	19.85
		1712.5	23.75	22.90	22.04	21.75	20.90	20.04
	50% RB mid	1777.5	22.78	21.81	20.94	20.78	19.81	18.94
		1745.0	22.74	21.84	20.95	20.74	19.84	18.95
		1712.5	22.82	21.88	20.94	20.82	19.88	18.94
	100% RB	1777.5	22.75	21.73	20.86	20.75	19.73	18.86
		1745.0	22.74	21.76	20.93	20.74	19.76	18.93
		1712.5	22.80	21.82	20.83	20.80	19.82	18.83

10M Hz	1 RB high	1775.0	23.66	22.67	21.96	21.66	20.67	19.96
		1745.0	23.64	22.70	21.92	21.64	20.70	19.92
		1715.0	23.55	23.10	21.98	21.55	21.10	19.98
	1 RB low	1775.0	23.66	22.76	21.86	21.66	20.76	19.86
		1745.0	23.58	22.76	21.81	21.58	20.76	19.81
		1715.0	23.62	23.12	22.20	21.62	21.12	20.20
	50% RB mid	1775.0	22.74	21.84	20.96	20.74	19.84	18.96
		1745.0	22.76	21.86	20.92	20.76	19.86	18.92
		1715.0	22.82	21.89	20.64	20.82	19.89	18.64
	100% RB	1775.0	22.70	21.75	20.90	20.70	19.75	18.90
		1745.0	22.76	21.72	21.01	20.76	19.72	19.01
		1715.0	22.79	21.81	20.71	20.79	19.81	18.71
15M Hz	1 RB high	1772.5	23.51	22.54	22.16	21.51	20.54	20.16
		1745.0	23.50	22.95	21.94	21.50	20.95	19.94
		1717.5	23.47	22.63	22.16	21.47	20.63	20.16
	1 RB low	1772.5	23.58	22.61	21.72	21.58	20.61	19.72
		1745.0	23.54	22.92	21.91	21.54	20.92	19.91
		1717.5	23.51	22.55	22.03	21.51	20.55	20.03
	50% RB mid	1772.5	22.70	21.71	20.80	20.70	19.71	18.80
		1745.0	22.64	21.74	20.78	20.64	19.74	18.78
		1717.5	22.68	21.68	20.77	20.68	19.68	18.77
	100% RB	1772.5	22.57	21.60	20.63	20.57	19.60	18.63
		1745.0	22.62	21.65	20.69	20.62	19.65	18.69
		1717.5	22.68	21.65	20.72	20.68	19.65	18.72
20M Hz	1 RB high	1770.0	23.40	22.95	22.19	21.40	20.95	20.19
		1745.0	23.46	22.99	22.07	21.46	20.99	20.07
		1720.0	23.44	23.03	22.04	21.44	21.03	20.04
	1 RB low	1770.0	23.43	23.01	21.88	21.43	21.01	19.88
		1745.0	23.36	23.00	21.94	21.36	21.00	19.94
		1720.0	23.41	22.95	22.16	21.41	20.95	20.16
	50% RB mid	1770.0	22.56	21.57	20.90	20.56	19.57	18.90
		1745.0	22.55	21.47	20.78	20.55	19.47	18.78
		1720.0	22.55	21.50	20.82	20.55	19.50	18.82
	100% RB	1770.0	22.50	21.57	20.71	20.50	19.57	18.71
		1745.0	22.53	21.53	20.72	20.53	19.53	18.72
		1720.0	22.56	21.54	20.71	20.56	19.54	18.71

LTE Band 66-ANT6-EIRP

Band width	RB size/offset	Frequency (MHz)	Conducted Power (dBm)			Radiated Power (dBm) ($G_T - L_C$ = -5.7)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	1779.3	22.52	21.93	21.52	16.82	16.23	15.82
		1745.0	22.71	22.01	20.99	17.01	16.31	15.29
		1710.7	22.79	22.23	21.12	17.09	16.53	15.42
	1 RB low	1779.3	22.56	21.94	21.70	16.86	16.24	16.00
		1745.0	22.68	22.04	21.04	16.98	16.34	15.34
		1710.7	22.85	22.20	20.70	17.15	16.50	15.00
	50% RB mid	1779.3	22.59	21.81	21.24	16.89	16.11	15.54
		1745.0	22.68	21.63	21.05	16.98	15.93	15.35
		1710.7	22.88	22.00	21.21	17.18	16.30	15.51
	100% RB	1779.3	21.64	20.74	19.85	15.94	15.04	14.15
		1745.0	21.84	21.03	19.90	16.14	15.33	14.20
		1710.7	21.81	21.01	20.11	16.11	15.31	14.41
3MHz	1 RB high	1778.5	22.61	21.91	21.36	16.91	16.21	15.66
		1745.0	22.86	22.29	21.57	17.16	16.59	15.87
		1711.5	22.85	22.16	21.67	17.15	16.46	15.97
	1 RB low	1778.5	22.62	22.07	21.34	16.92	16.37	15.64
		1745.0	22.76	22.14	21.46	17.06	16.44	15.76
		1711.5	22.77	22.18	21.63	17.07	16.48	15.93
	50% RB mid	1778.5	21.77	20.88	20.35	16.07	15.18	14.65
		1745.0	21.90	21.10	20.47	16.20	15.40	14.77
		1711.5	21.84	21.14	20.64	16.14	15.44	14.94
	100% RB	1778.5	21.82	20.95	20.32	16.12	15.25	14.62
		1745.0	21.88	20.97	20.35	16.18	15.27	14.65
		1711.5	21.90	21.07	20.46	16.20	15.37	14.76
5MHz	1 RB high	1777.5	22.79	22.67	21.16	17.09	16.97	15.46
		1745.0	22.74	22.26	21.34	17.04	16.56	15.64
		1712.5	22.85	22.33	21.41	17.15	16.63	15.71
	1 RB low	1777.5	22.73	22.62	21.25	17.03	16.92	15.55
		1745.0	22.73	22.09	21.24	17.03	16.39	15.54
		1712.5	22.83	22.32	21.30	17.13	16.62	15.60
	50% RB mid	1777.5	21.76	20.93	20.11	16.06	15.23	14.41
		1745.0	21.86	20.99	20.03	16.16	15.29	14.33
		1712.5	21.83	21.09	20.16	16.13	15.39	14.46
	100% RB	1777.5	21.84	20.87	20.04	16.14	15.17	14.34
		1745.0	21.84	20.88	20.10	16.14	15.18	14.40
		1712.5	21.90	20.99	20.25	16.20	15.29	14.55

10M Hz	1 RB high	1775.0	22.55	22.04	21.25	16.85	16.34	15.55
		1745.0	22.67	22.31	21.33	16.97	16.61	15.63
		1715.0	22.74	22.27	21.44	17.04	16.57	15.74
	1 RB low	1775.0	22.68	22.14	21.02	16.98	16.44	15.32
		1745.0	22.76	22.49	21.26	17.06	16.79	15.56
		1715.0	22.90	22.20	21.14	17.20	16.50	15.44
	50% RB mid	1775.0	21.75	20.84	20.13	16.05	15.14	14.43
		1745.0	21.87	21.02	20.19	16.17	15.32	14.49
		1715.0	21.90	21.10	20.20	16.20	15.40	14.50
	100% RB	1775.0	21.70	20.92	19.96	16.00	15.22	14.26
		1745.0	21.87	21.02	20.22	16.17	15.32	14.52
		1715.0	21.81	21.06	20.25	16.11	15.36	14.55
15M Hz	1 RB high	1772.5	22.60	21.96	20.89	16.90	16.26	15.19
		1745.0	22.64	22.05	21.06	16.94	16.35	15.36
		1717.5	22.64	22.09	21.23	16.94	16.39	15.53
	1 RB low	1772.5	22.59	22.10	21.07	16.89	16.40	15.37
		1745.0	22.57	22.18	21.07	16.87	16.48	15.37
		1717.5	22.76	22.16	20.98	17.06	16.46	15.28
	50% RB mid	1772.5	21.74	20.81	19.85	16.04	15.11	14.15
		1745.0	21.79	20.88	19.90	16.09	15.18	14.20
		1717.5	21.87	20.96	20.03	16.17	15.26	14.33
	100% RB	1772.5	21.64	20.75	19.78	15.94	15.05	14.08
		1745.0	21.75	20.85	19.75	16.05	15.15	14.05
		1717.5	21.88	21.00	19.93	16.18	15.30	14.23
20M Hz	1 RB high	1770.0	22.59	21.71	20.76	16.89	16.01	15.06
		1745.0	22.68	21.90	20.74	16.98	16.20	15.04
		1720.0	22.60	21.84	20.71	16.90	16.14	15.01
	1 RB low	1770.0	22.65	21.87	20.82	16.95	16.17	15.12
		1745.0	22.69	21.90	20.80	16.99	16.20	15.10
		1720.0	22.66	21.85	20.89	16.96	16.15	15.19
	50% RB mid	1770.0	21.76	20.67	19.77	16.06	14.97	14.07
		1745.0	21.79	20.68	19.73	16.09	14.98	14.03
		1720.0	21.81	20.81	19.89	16.11	15.11	14.19
	100% RB	1770.0	21.72	20.75	19.74	16.02	15.05	14.04
		1745.0	21.73	20.79	19.79	16.03	15.09	14.09
		1720.0	21.85	20.86	19.85	16.15	15.16	14.15

LTE CA_band 7-ANT3-EIRP

Bandwidth	Frequency (MHz)	Frequency (MHz)	Modulation	PCC RB		SCC RB		Conducted Power (dBm)	Radiated Power (dBm) (GT – LC = -1)
				Size	Offset	Size	Offset		
15MHz/ 10MHz	2530.1	2542.1	QPSK	1	74	1	0	23.99	22.99
				75	0	50	0	22.01	21.01
			16QAM	1	74	1	0	23.47	22.47
				75	0	50	0	21.06	20.06
			64QAM	1	74	1	0	21.69	20.69
				75	0	50	0	21.02	20.02
10MHz/ 20MHz	2525.6	2540	QPSK	1	49	1	0	24.01	23.01
				50	0	100	0	22.03	21.03
			16QAM	1	49	1	0	23.49	22.49
				50	0	100	0	21.07	20.07
			64QAM	1	49	1	0	22.15	21.15
				50	0	100	0	21.04	20.04
20MHz/ 10MHz	2530.1	2544.5	QPSK	1	99	1	0	23.92	22.92
				100	0	50	0	21.97	20.97
			16QAM	1	99	1	0	23.46	22.46
				100	0	50	0	21.04	20.04
			64QAM	1	99	1	0	21.45	20.45
				100	0	50	0	20.97	19.97
15MHz/ 15MHz	2527.5	2542.5	QPSK	1	74	1	0	23.95	22.95
				75	0	75	0	22.05	21.05
			16QAM	1	74	1	0	23.37	22.37
				75	0	75	0	21.06	20.06
			64QAM	1	74	1	0	22.05	21.05
				75	0	75	0	21.04	20.04
15MHz/ 20MHz	2525.3	2542.4	QPSK	1	74	1	0	23.96	22.96
				75	0	100	0	22.04	21.04
			16QAM	1	74	1	0	23.45	22.45
				75	0	100	0	21.05	20.05
			64QAM	1	74	1	0	22.05	21.05
				75	0	100	0	21.03	20.03
20MHz/ 15MHz	2527.6	2544.7	QPSK	1	99	1	0	23.95	22.95
				100	0	75	0	22.02	21.02
			16QAM	1	99	1	0	23.46	22.46
				100	0	75	0	21.05	20.05
			64QAM	1	99	1	0	21.65	20.65
				100	0	75	0	21.04	20.04
20MHz/	2525.1	2544.9	QPSK	1	99	1	0	23.98	22.98

20MHz				100	0	100	0	22.03	21.03
			16QAM	1	99	1	0	23.52	22.52
				100	0	100	0	21.03	20.03
			64QAM	1	99	1	0	22.12	21.12
				100	0	100	0	21.00	20.00

LTE CA_band 7-ANT9-EIRP

Bandwidth	Frequency (MHz)	Frequency (MHz)	Modulation	PCC RB		SCC RB		Conducted Power (dBm)	Radiated Power (dBm) (GT – LC = -4.5)
				Size	Offset	Size	Offset		
15MHz/ 10MHz	2530.1	2542.1	QPSK	1	74	1	0	21.19	16.69
				75	0	50	0	19.32	14.82
			16QAM	1	74	1	0	20.61	16.11
				75	0	50	0	18.29	13.79
			64QAM	1	74	1	0	18.13	13.63
				75	0	50	0	18.25	13.75
10MHz/ 20MHz	2525.6	2540	QPSK	1	49	1	0	21.18	16.68
				50	0	100	0	19.32	14.82
			16QAM	1	49	1	0	20.59	16.09
				50	0	100	0	18.36	13.86
			64QAM	1	49	1	0	19.31	14.81
				50	0	100	0	18.35	13.85
20MHz/ 10MHz	2530.1	2544.5	QPSK	1	99	1	0	21.18	16.68
				100	0	50	0	19.31	14.81
			16QAM	1	99	1	0	20.58	16.08
				100	0	50	0	18.35	13.85
			64QAM	1	99	1	0	18.34	13.84
				100	0	50	0	18.31	13.81
15MHz/ 15MHz	2527.5	2542.5	QPSK	1	74	1	0	21.18	16.68
				75	0	75	0	19.35	14.85
			16QAM	1	74	1	0	20.59	16.09
				75	0	75	0	18.38	13.88
			64QAM	1	74	1	0	18.56	14.06
				75	0	75	0	18.36	13.86
15MHz/ 20MHz	2525.3	2542.4	QPSK	1	74	1	0	21.13	16.63
				75	0	100	0	19.39	14.89
			16QAM	1	74	1	0	20.77	16.27
				75	0	100	0	18.40	13.90
			64QAM	1	74	1	0	18.76	14.26
				75	0	100	0	18.34	13.84
20MHz/ 15MHz	2527.6	2544.7	QPSK	1	99	1	0	21.14	16.64
				100	0	75	0	19.27	14.77
			16QAM	1	99	1	0	20.62	16.12
				100	0	75	0	18.28	13.78
			64QAM	1	99	1	0	18.45	13.95
				100	0	75	0	18.26	13.76
20MHz/	2525.1	2544.9	QPSK	1	99	1	0	21.15	16.65

20MHz				100	0	100	0	19.46	14.96
			16QAM	1	99	1	0	20.57	16.07
				100	0	100	0	18.31	13.81
			64QAM	1	99	1	0	18.55	14.05
				100	0	100	0	18.27	13.77

LTE CA_band 7-ANT1-EIRP

Bandwidth	Frequency (MHz)	Frequency (MHz)	Modulation	PCC RB		SCC RB		Conducted Power (dBm)	Radiated Power (dBm) (GT – LC = -2.1)
				Size	Offset	Size	Offset		
15MHz/ 10MHz	2530.1	2542.1	QPSK	1	74	1	0	22.52	20.42
				75	0	50	0	20.55	18.45
			16QAM	1	74	1	0	21.96	19.86
				75	0	50	0	19.50	17.40
			64QAM	1	74	1	0	19.15	17.05
				75	0	50	0	19.50	17.40
10MHz/ 20MHz	2525.6	2540	QPSK	1	49	1	0	22.42	20.32
				50	0	100	0	20.61	18.51
			16QAM	1	49	1	0	21.91	19.81
				50	0	100	0	19.55	17.45
			64QAM	1	49	1	0	20.74	18.64
				50	0	100	0	19.51	17.41
20MHz/ 10MHz	2530.1	2544.5	QPSK	1	99	1	0	22.41	20.31
				100	0	50	0	20.51	18.41
			16QAM	1	99	1	0	21.94	19.84
				100	0	50	0	19.51	17.41
			64QAM	1	99	1	0	19.15	17.05
				100	0	50	0	19.49	17.39
15MHz/ 15MHz	2527.5	2542.5	QPSK	1	74	1	0	22.38	20.28
				75	0	75	0	20.55	18.45
			16QAM	1	74	1	0	21.93	19.83
				75	0	75	0	19.52	17.42
			64QAM	1	74	1	0	20.72	18.62
				75	0	75	0	19.47	17.37
15MHz/ 20MHz	2525.3	2542.4	QPSK	1	74	1	0	22.39	20.29
				75	0	100	0	20.62	18.52
			16QAM	1	74	1	0	22.02	19.92
				75	0	100	0	19.58	17.48
			64QAM	1	74	1	0	20.70	18.60
				75	0	100	0	19.49	17.39
20MHz/ 15MHz	2527.6	2544.7	QPSK	1	99	1	0	22.21	20.11
				100	0	75	0	20.51	18.41
			16QAM	1	99	1	0	22.01	19.91
				100	0	75	0	19.56	17.46
			64QAM	1	99	1	0	18.67	16.57
				100	0	75	0	19.55	17.45
20MHz/	2525.1	2544.9	QPSK	1	99	1	0	22.37	20.27

20MHz				100	0	100	0	20.61	18.51
			16QAM	1	99	1	0	21.91	19.81
				100	0	100	0	19.62	17.52
			64QAM	1	99	1	0	20.61	18.51
				100	0	100	0	19.55	17.45

LTE CA_band 7-ANT6-EIRP

Bandwidth	Frequency (MHz)	Frequency (MHz)	Modulation	PCC RB		SCC RB		Conducted Power (dBm)	Radiated Power (dBm) (GT – LC = 0)
				Size	Offset	Size	Offset		
15MHz/ 10MHz	2530.1	2542.1	QPSK	1	74	1	0	21.30	21.30
				75	0	50	0	19.67	19.67
			16QAM	1	74	1	0	21.06	21.06
				75	0	50	0	18.68	18.68
			64QAM	1	74	1	0	18.44	18.44
				75	0	50	0	18.63	18.63
10MHz/ 20MHz	2525.6	2540	QPSK	1	49	1	0	21.58	21.58
				50	0	100	0	19.70	19.70
			16QAM	1	49	1	0	20.99	20.99
				50	0	100	0	18.71	18.71
			64QAM	1	49	1	0	19.93	19.93
				50	0	100	0	18.66	18.66
20MHz/ 10MHz	2530.1	2544.5	QPSK	1	99	1	0	21.61	21.61
				100	0	50	0	19.61	19.61
			16QAM	1	99	1	0	21.08	21.08
				100	0	50	0	18.69	18.69
			64QAM	1	99	1	0	17.88	17.88
				100	0	50	0	18.66	18.66
15MHz/ 15MHz	2527.5	2542.5	QPSK	1	74	1	0	21.56	21.56
				75	0	75	0	19.70	19.70
			16QAM	1	74	1	0	21.13	21.13
				75	0	75	0	18.79	18.79
			64QAM	1	74	1	0	19.67	19.67
				75	0	75	0	18.63	18.63
15MHz/ 20MHz	2525.3	2542.4	QPSK	1	74	1	0	21.60	21.60
				75	0	100	0	19.73	19.73
			16QAM	1	74	1	0	21.11	21.11
				75	0	100	0	18.74	18.74
			64QAM	1	74	1	0	19.97	19.97
				75	0	100	0	18.61	18.61
20MHz/ 15MHz	2527.6	2544.7	QPSK	1	99	1	0	21.65	21.65
				100	0	75	0	19.72	19.72
			16QAM	1	99	1	0	21.17	21.17
				100	0	75	0	18.65	18.65
			64QAM	1	99	1	0	18.38	18.38
				100	0	75	0	18.62	18.62
20MHz/	2525.1	2544.9	QPSK	1	99	1	0	21.57	21.57

20MHz				100	0	100	0	19.65	19.65
			16QAM	1	99	1	0	21.04	21.04
				100	0	100	0	18.68	18.68
			64QAM	1	99	1	0	19.77	19.77
				100	0	100	0	18.64	18.64

LTE CA_band 38-ANT1-EIRP

Bandwidth	Frequency (MHz)	Frequency (MHz)	Modulation	PCC RB		SCC RB		Conducted Power (dBm)	Radiated Power (dBm) (GT – LC = -2.1)
				Size	Offset	Size	Offset		
15MHz/ 15MHz	2587.5	2602.5	QPSK	1	74	1	0	23.95	21.85
				75	0	75	0	22.27	20.17
			16QAM	1	74	1	0	23.54	21.44
				75	0	75	0	21.28	19.18
			64QAM	1	74	1	0	22.45	20.35
				75	0	75	0	21.36	19.26
20MHz/ 20MHz	2585.1	2604.9	QPSK	1	99	1	0	23.89	21.79
				100	0	100	0	22.25	20.15
			16QAM	1	99	1	0	23.53	21.43
				100	0	100	0	21.31	19.21
			64QAM	1	99	1	0	22.40	20.30
				100	0	100	0	21.35	19.25

LTE CA_band 38-ANT6-EIRP

Bandwidth	Frequency (MHz)	Frequency (MHz)	Modulation	PCC RB		SCC RB		Conducted Power (dBm)	Radiated Power (dBm) (GT – LC = 0)
				Size	Offset	Size	Offset		
15MHz/ 15MHz	2587.5	2602.5	QPSK	1	74	1	0	22.65	22.65
				75	0	75	0	21.04	21.04
			16QAM	1	74	1	0	22.32	22.32
				75	0	75	0	20.07	20.07
			64QAM	1	74	1	0	20.97	20.97
				75	0	75	0	19.98	19.98
20MHz/ 20MHz	2585.1	2604.9	QPSK	1	99	1	0	22.52	22.52
				100	0	100	0	21.06	21.06
			16QAM	1	99	1	0	22.27	22.27
				100	0	100	0	19.96	19.96
			64QAM	1	99	1	0	21.08	21.08
				100	0	100	0	19.97	19.97

LTE CA_band 41-ANT1-EIRP

Bandwidth	Frequency (MHz)	Frequency (MHz)	Modulation	PCC RB		SCC RB		Conducted Power (dBm)	Radiated Power (dBm) (GT – LC = -2.1)
				Size	Offset	Size	Offset		
5MHz/ 20MHz	2583.8	2595.5	QPSK	1	24	1	0	23.94	21.84
				25	0	100	0	21.98	19.88
			16QAM	1	24	1	0	23.36	21.26
				25	0	100	0	21.09	18.99
			64QAM	1	24	1	0	22.42	20.32
				25	0	100	0	21.13	19.03
20MHz/ 5MHz	2590.5	2602.2	QPSK	1	99	1	0	24.06	21.96
				100	0	25	0	22.21	20.11
			16QAM	1	99	1	0	23.63	21.53
				100	0	25	0	21.26	19.16
			64QAM	1	99	1	0	22.71	20.61
				100	0	25	0	21.37	19.27
10MHz/ 15MHz	2585.9	2597.9	QPSK	1	49	1	0	24.01	21.91
				50	0	75	0	22.02	19.92
			16QAM	1	49	1	0	23.56	21.46
				50	0	75	0	21.24	19.14
			64QAM	1	49	1	0	22.41	20.31
				50	0	75	0	21.22	19.12
15MHz/ 10MHz	2588.1	2600.1	QPSK	1	74	1	0	23.87	21.77
				75	0	50	0	21.98	19.88
			16QAM	1	74	1	0	23.45	21.35
				75	0	50	0	21.12	19.02
			64QAM	1	74	1	0	22.31	20.21
				75	0	50	0	21.13	19.03
10MHz/ 20MHz	2583.6	2598.0	QPSK	1	49	1	0	24.01	21.91
				50	0	100	0	21.97	19.87
			16QAM	1	49	1	0	23.57	21.47
				50	0	100	0	21.07	18.97
			64QAM	1	49	1	0	22.42	20.32
				50	0	100	0	21.11	19.01
20MHz/ 10MHz	2588.1	2602.5	QPSK	1	99	1	0	23.93	21.83
				100	0	50	0	22.01	19.91
			16QAM	1	99	1	0	23.45	21.35
				100	0	50	0	21.04	18.94
			64QAM	1	99	1	0	22.41	20.31
				100	0	50	0	21.02	18.92
15MHz/	2585.5	2600.5	QPSK	1	74	1	0	23.96	21.86

15MHz				75	0	75	0	21.97	19.87
			16QAM	1	74	1	0	23.45	21.35
				75	0	75	0	21.04	18.94
			64QAM	1	74	1	0	22.44	20.34
				75	0	75	0	21.09	18.99
15MHz/ 20MHz	2583.3	2600.4	QPSK	1	74	1	0	23.87	21.77
				75	0	100	0	21.83	19.73
			16QAM	1	74	1	0	23.34	21.24
				75	0	100	0	20.98	18.88
			64QAM	1	74	1	0	22.37	20.27
				75	0	100	0	20.97	18.87
20MHz/ 15MHz	2585.6	2602.7	QPSK	1	99	1	0	24.00	21.90
				100	0	75	0	21.93	19.83
			16QAM	1	99	1	0	23.43	21.33
				100	0	75	0	20.97	18.87
			64QAM	1	99	1	0	22.25	20.15
				100	0	75	0	20.94	18.84
20MHz/ 20MHz	2583.1	2602.9	QPSK	1	99	1	0	24.03	21.93
				100	0	100	0	21.96	19.86
			16QAM	1	99	1	0	23.63	21.53
				100	0	100	0	21.06	18.96
			64QAM	1	99	1	0	22.64	20.54
				100	0	100	0	21.03	18.93

LTE CA_band 41-ANT6-EIRP

Bandwidth	Frequency (MHz)	Frequency (MHz)	Modulation	PCC RB		SCC RB		Conducted Power (dBm)	Radiated Power (dBm) (GT – LC = 0)
				Size	Offset	Size	Offset		
5MHz/ 20MHz	2583.8	2595.5	QPSK	1	24	1	0	23.23	23.23
				25	0	100	0	21.31	21.31
			16QAM	1	24	1	0	22.76	22.76
				25	0	100	0	20.41	20.41
			64QAM	1	24	1	0	21.60	21.60
				25	0	100	0	20.38	20.38
20MHz/ 5MHz	2590.5	2602.2	QPSK	1	99	1	0	23.32	23.32
				100	0	25	0	21.61	21.61
			16QAM	1	99	1	0	22.89	22.89
				100	0	25	0	20.53	20.53
			64QAM	1	99	1	0	21.85	21.85
				100	0	25	0	20.52	20.52
10MHz/ 15MHz	2585.9	2597.9	QPSK	1	49	1	0	23.29	23.29
				50	0	75	0	21.41	21.41
			16QAM	1	49	1	0	22.89	22.89
				50	0	75	0	20.45	20.45
			64QAM	1	49	1	0	21.67	21.67
				50	0	75	0	20.45	20.45
15MHz/ 10MHz	2588.1	2600.1	QPSK	1	74	1	0	23.25	23.25
				75	0	50	0	21.45	21.45
			16QAM	1	74	1	0	22.86	22.86
				75	0	50	0	20.48	20.48
			64QAM	1	74	1	0	21.71	21.71
				75	0	50	0	20.47	20.47
10MHz/ 20MHz	2583.6	2598.0	QPSK	1	49	1	0	23.21	23.21
				50	0	100	0	21.31	21.31
			16QAM	1	49	1	0	22.83	22.83
				50	0	100	0	20.36	20.36
			64QAM	1	49	1	0	21.61	21.61
				50	0	100	0	20.31	20.31
20MHz/ 10MHz	2588.1	2602.5	QPSK	1	99	1	0	23.30	23.30
				100	0	50	0	21.54	21.54
			16QAM	1	99	1	0	22.92	22.92
				100	0	50	0	20.51	20.51
			64QAM	1	99	1	0	21.72	21.72
				100	0	50	0	20.45	20.45
15MHz/	2585.5	2600.5	QPSK	1	74	1	0	23.33	23.33

15MHz				75	0	75	0	21.57	21.57
			16QAM	1	74	1	0	22.95	22.95
				75	0	75	0	20.57	20.57
			64QAM	1	74	1	0	21.81	21.81
				75	0	75	0	20.54	20.54
15MHz/ 20MHz	2583.3	2600.4	QPSK	1	74	1	0	23.25	23.25
				75	0	100	0	21.39	21.39
			16QAM	1	74	1	0	22.85	22.85
				75	0	100	0	20.37	20.37
			64QAM	1	74	1	0	21.73	21.73
				75	0	100	0	20.36	20.36
20MHz/ 15MHz	2585.6	2602.7	QPSK	1	99	1	0	23.26	23.26
				100	0	75	0	21.39	21.39
			16QAM	1	99	1	0	22.87	22.87
				100	0	75	0	20.43	20.43
			64QAM	1	99	1	0	21.71	21.71
				100	0	75	0	20.37	20.37
20MHz/ 20MHz	2583.1	2602.9	QPSK	1	99	1	0	22.64	22.64
				100	0	100	0	20.51	20.51
			16QAM	1	99	1	0	22.16	22.16
				100	0	100	0	19.62	19.62
			64QAM	1	99	1	0	20.97	20.97
				100	0	100	0	19.62	19.62

A.2 Emission Limit

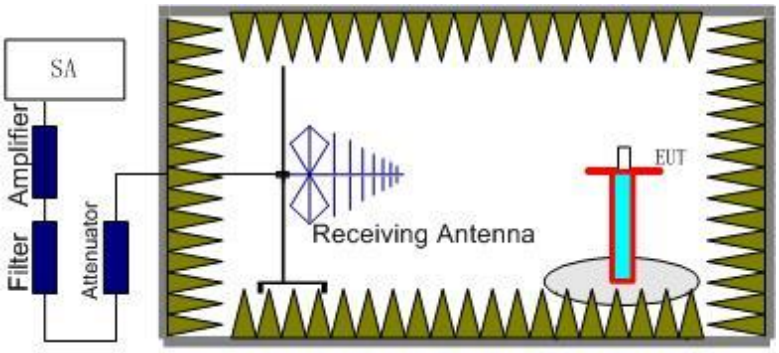
A.2.1 Measurement Method

The measurements procedures in TIA-603E-2016 are used. This measurement is carried out in fully anechoic chamber FAC-3.

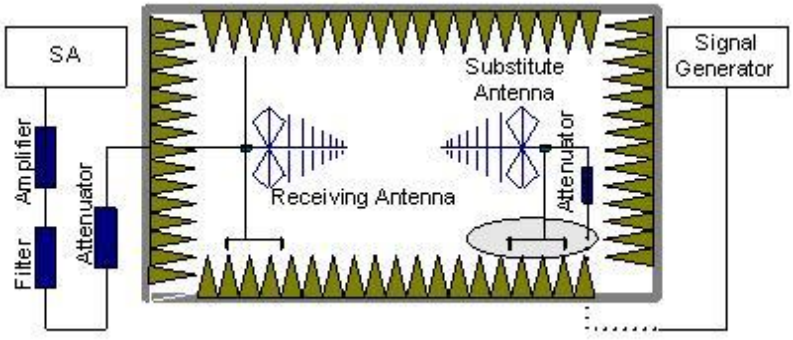
The spectrum was scanned from 30 MHz to the 10th harmonic of the highest frequency generated within the equipment, which is the transmitted carrier. The resolution bandwidth is set 1MHz. The spectrum was scanned with the mobile station transmitting at carrier frequencies that pertain to low, mid and high channels of each LTE Band.

The procedure of radiated spurious emissions is as follows:

1. EUT was placed on a 1.5-meter-high non-conductive stand at a 3-meter test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the EUT for emission measurements. The height of receiving antenna is 1.5m. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the EUT through 360 and adjusting the receiving antenna polarization. The radiated emission measurements of all non-harmonic and harmonics of the transmit frequency through the 10th harmonic were measured with peak detector.



2. The EUT is then put into continuously transmitting mode at its maximum power level during the test. And the maximum value of the receiver should be recorded as (Pr).
3. The EUT shall be replaced by a substitution antenna. The test setup refers to figure below.



In the chamber, a substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere

with the radiation pattern of the antenna. A power (P_{Mea}) is applied to the input of the substitution antenna. Adjust the level of the signal generator output until the value of the receiver reaches the previously recorded (P_r). The power of signal source (P_{Mea}) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.

4. The Path loss (P_{pl}) between the Signal Source with the Substitution Antenna and the Substitution Antenna Gain (G_a) should be recorded after test.
   An amplifier should be connected in for the test.
   The Path loss (P_{pl}) is the summation of the cable loss and the gain of the amplifier.
   The measurement results are obtained as described below:
   Power (EIRP)=P_{Mea} + P_{pl} + G_a
5. This value is EIRP since the measurement is calibrated using an antenna of known gain (unit: dBi) and known input power.
6. ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP = EIRP - 2.15dB.

A.2.2 Measurement Limit

Part 24.238 specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

Part 27.53(m) specifies for mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Part 27.53(g) states for operations in the 600 MHz band and the 698–746 MHz band, the power of any emission outside a licensee’s frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee’s frequency block, a resolution bandwidth of at least 30 kHz may be employed.

Part 90.691 states that out-of-band emission requirement shall apply only to the ‘‘outer’’ channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:For any frequency removed from the EA licensee’s frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116Log_{10}(f/6.1)$ decibels or 50 + 10 $Log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + $10Log_{10}$(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

Part 22.917 specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

Part 27.53(m) specifies for mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Part 27.53(h) specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

A.2.3 Measurement Results

Radiated emissions measurements were made only at the upper, middle, and lower carrier frequencies of each LTE Band. It was decided that measurements at these three carrier frequencies would be sufficient to demonstrate compliance with emissions limits because it was seen that all the significant spurs occur well outside the band and no radiation was seen from a carrier in one block of each LTE Band into any of the other blocks. The equipment must still, however, meet emissions requirements with the carrier at all frequencies over which it is capable of operating and it is the manufacturer's responsibility to verify this. The range of evaluated frequency is from 30MHz to 26GHz.

UT35a & UT36a with AE1/AE9/AE2/AE3/AE4/AE5

BANDS	Antenna NO.	Channel	Result
LTE Band 2	ANT 1	Low	Pass
		Middle	Pass
		High	Pass
	ANT 6	Low	Pass
		Middle	Pass
		High	Pass
LTE Band 4	ANT 1	Low	Pass

		Middle	Pass
		High	Pass
	ANT 6	Low	Pass
		Middle	Pass
		High	Pass
LTE Band 7	ANT 3	Low	Pass
		Middle	Pass
		High	Pass
	ANT 9	Low	Pass
		Middle	Pass
		High	Pass
	ANT 1	Low	Pass
		Middle	Pass
		High	Pass
	ANT 6	Low	Pass
		Middle	Pass
		High	Pass
LTE Band 12	ANT 0	Low	Pass
		Middle	Pass
		High	Pass
	ANT 2	Low	Pass
		Middle	Pass
		High	Pass
LTE Band 26 (814MHz~824MHz)	ANT 0	Low	Pass
		Middle	Pass
		High	Pass
	ANT 2	Low	Pass
		Middle	Pass
		High	Pass
LTE Band 26 (824MHz~849MHz)	ANT 0	Low	Pass
		Middle	Pass
		High	Pass
	ANT 2	Low	Pass
		Middle	Pass
		High	Pass
LTE Band 38	ANT 1	Low	Pass
		Middle	Pass
		High	Pass
	ANT 6	Low	Pass
		Middle	Pass
		ANT High	Pass
LTE Band 41	ANT 1	Low	Pass
		Middle	Pass

		High	Pass
	ANT 6	Low	Pass
		Middle	Pass
		High	Pass
LTE Band 66	ANT 1	Low	Pass
		Middle	Pass
		High	Pass
	ANT 6	Low	Pass
		Middle	Pass
		High	Pass
LTE CA_band 7	ANT 3	Low	Pass
		Middle	Pass
		High	Pass
	ANT 9	Low	Pass
		Middle	Pass
		High	Pass
	ANT 1	Low	Pass
		Middle	Pass
		High	Pass
	ANT 6	Low	Pass
		Middle	Pass
		High	Pass
LTE CA_band 38	ANT 1	Low	Pass
		Middle	Pass
		High	Pass
	ANT 6	Low	Pass
		Middle	Pass
		High	Pass
LTE CA_band 41	ANT 1	Low	Pass
		Middle	Pass
		High	Pass
	ANT 6	Low	Pass
		Middle	Pass
		High	Pass

Note: All combinations and all antennas were tested，and only the worst results are shown in this report.

UT35a with AE9,AE3 and AE5, Ant1

LTE Band 2, 1.4MHz, QPSK, Channel 18607

Frequency (MHz)	P_{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3739.02	-55.75	6.33	8.53	-53.55	-13.00	40.55	V
5568.02	-55.84	7.20	10.59	-52.45	-13.00	39.45	V
7382.01	-54.57	8.11	12.06	-50.62	-13.00	37.62	H
9253.01	-53.33	9.05	13.25	-49.13	-13.00	36.13	V
11080.01	-50.94	9.87	13.18	-47.63	-13.00	34.63	V
12947.01	-48.94	10.49	13.47	-45.96	-13.00	32.96	V

LTE Band 2, 1.4MHz, QPSK, Channel 18900

Frequency (MHz)	P_{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3747.02	-55.76	6.30	8.55	-53.51	-13.00	40.51	V
5590.02	-55.48	7.22	10.58	-52.12	-13.00	39.12	H
7501.01	-54.03	8.39	12.20	-50.22	-13.00	37.22	V
9370.01	-53.30	9.07	13.32	-49.05	-13.00	36.05	V
11230.01	-50.26	9.58	13.15	-46.69	-13.00	33.69	V
13118.01	-47.48	10.86	13.67	-44.67	-13.00	31.67	V

LTE Band 2, 1.4MHz, QPSK, Channel 19193

Frequency (MHz)	P_{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3819.02	-56.21	6.08	8.65	-53.64	-13.00	40.64	H
5679.02	-54.40	7.28	10.56	-51.12	-13.00	38.12	V
7631.01	-54.11	8.11	12.30	-49.92	-13.00	36.92	V
9514.01	-52.86	9.49	13.39	-48.96	-13.00	35.96	V
11499.01	-49.85	9.81	13.10	-46.56	-13.00	33.56	V
13389.01	-47.23	10.57	14.04	-43.76	-13.00	30.76	H

Note:The measurement results showed here are worst cases.