

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	18607/1850.7	18900/1880	19193/1909.3
2	1.4MHz	QPSK	1	0	23.90	23.76	23.58
			1	2	24.19	23.97	23.68
			1	5	24.22	23.89	23.78
			3	0	23.86	23.87	23.81
			3	2	23.96	23.65	23.86
			3	3	24.12	23.89	23.67
			6	0	22.98	22.88	22.84
		16QAM	Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		28.86		
			EIRP Limit (dBm):		33.01		
			1	0	22.89	22.67	23.09
			1	2	23.05	22.96	23.17
			1	5	22.95	22.85	22.95
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		27.81		
			EIRP Limit (dBm):		33.01		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	18615/1851.5	18900/1880	19185/1908.5
2	3MHz	QPSK	1	0	23.98	23.77	23.64
			1	7	24.13	23.84	24.43
			1	14	23.82	23.58	23.52
			8	0	22.96	22.95	22.74
			8	4	22.9	22.82	22.94
			8	7	22.87	22.88	22.89
			15	0	22.82	22.89	22.98
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		29.07		
			EIRP Limit (dBm):		33.01		
		16QAM	1	0	23.17	22.99	23.43
			1	7	23.76	22.88	24.14
			1	14	23.09	22.9	23.32
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		28.78		
			EIRP Limit (dBm):		33.01		
		LTE BAND	BW	Modulation	RB		Conducted Power(dBm)
Channel/Frequency(MHz)							
size	offset				18625/1852.5	18900/1880	19175/1907.5
2	5MHz	QPSK	1	0	23.95	23.75	23.6
			1	13	24.11	23.8	24.40
			1	24	23.79	23.53	23.48
			12	0	22.93	22.9	22.7
			12	6	22.88	22.78	22.89
			12	13	22.85	22.86	22.85
			25	0	22.8	22.88	22.96
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		29.04		
			EIRP Limit (dBm):		33.01		
		16QAM	1	0	23.14	22.95	23.4
			1	13	23.73	22.86	24.11
			1	24	23.06	22.88	23.28
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		28.75		
			EIRP Limit (dBm):		33.01		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	18650/1855	18900/1880	19150/1905
2	10MHz	QPSK	1	0	23.97	23.76	23.63
			1	25	24.14	23.85	24.44
			1	49	23.81	23.57	23.51
			25	0	22.96	22.95	22.74
			25	13	22.91	22.83	22.93
			25	25	22.87	22.9	22.9
			50	0	22.88	22.9	23
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		29.08		
			EIRP Limit (dBm):		33.01		
		16QAM	1	0	23.16	22.98	23.42
			1	25	23.76	22.9	24.14
			1	49	23.09	22.9	23.31
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		28.78		
			EIRP Limit (dBm):		33.01		
LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	18675/1857.5	18900/1880	19125/1902.5
2	15MHz	QPSK	1	0	23.96	23.72	23.61
			1	38	24.12	23.84	24.41
			1	74	23.78	23.52	23.47
			36	0	22.94	22.91	22.71
			36	18	22.88	22.78	22.89
			36	39	22.84	22.87	22.86
			75	0	22.86	22.86	22.95
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		29.05		
			EIRP Limit (dBm):		33.01		
		16QAM	1	0	23.11	22.96	23.40
			1	38	23.74	22.87	24.12
			1	74	23.06	22.86	23.28
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		28.76		
			EIRP Limit (dBm):		33.01		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	18700/1860	18900/1880	19100/1900
2	20MHz	QPSK	1	0	23.93	23.68	23.58
			1	50	24.11	23.8	24.39
			1	99	23.76	23.51	23.44
			50	0	22.91	22.86	22.67
			50	25	22.86	22.74	22.86
			50	50	22.81	22.82	22.82
			100	0	22.83	22.81	22.91
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		29.03		
			EIRP Limit (dBm):		33.01		
		16QAM	1	0	23.09	22.92	23.35
			1	50	23.7	22.85	24.08
			1	99	23.04	22.83	23.26
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		28.72		
			EIRP Limit (dBm):		33.01		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	19957/1710.7	20175/1732.5	20393/1754.3
4	1.4MHz	QPSK	1	0	23.94	24.08	23.88
			1	2	24.02	24.12	24.05
			1	5	24.13	24.25	23.87
			3	0	24.07	23.93	23.92
			3	2	23.93	23.86	23.96
			3	3	24.03	23.83	24.02
			6	0	23.06	22.95	22.98
			Antenna Gain (dBi):		4.56		
			Max. EIRP (dBm):		28.81		
			EIRP Limit (dBm):		30.00		
		16QAM	1	0	23.39	23.01	22.93
			1	2	23.48	23.49	23.12
			1	5	23.51	22.67	23.05
			Antenna Gain (dBi):		4.56		
			Max. EIRP (dBm):		28.07		
			EIRP Limit (dBm):		30.00		
		LTE BAND	BW	Modulation	RB		Conducted Power(dBm)
Channel/Frequency(MHz)							
size	offset				19965/1711.5	20175/1732.5	20385/1753.5
4	3MHz	QPSK	1	0	24.02	24.03	24.03
			1	7	24.05	24.3	24.21
			1	14	23.91	24.06	23.81
			8	0	22.88	22.94	23.03
			8	4	22.85	22.87	22.96
			8	7	22.7	22.98	22.89
			15	0	22.79	23.06	22.93
			Antenna Gain (dBi):		4.56		
			Max. EIRP (dBm):		28.86		
			EIRP Limit (dBm):		30.00		
		16QAM	1	0	22.89	22.67	23.6
			1	7	22.85	23	23.73
			1	14	22.69	22.94	23.49
			Antenna Gain (dBi):		4.56		
			Max. EIRP (dBm):		28.29		
			EIRP Limit (dBm):		30.00		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	19975/1712.5	20175/1732.5	20375/1752.5
4	5MHz	QPSK	1	0	23.99	24.01	23.99
			1	13	24.03	24.26	24.18
			1	24	23.88	24.01	23.77
			12	0	22.85	22.89	22.99
			12	6	22.83	22.83	22.91
			12	13	22.68	22.96	22.85
			25	0	22.77	23.05	22.91
			Antenna Gain (dBi):		4.56		
			Max. EIRP (dBm):		28.82		
			EIRP Limit (dBm):		30.00		
		16QAM	1	0	22.86	22.63	23.57
			1	13	22.82	22.98	23.7
			1	24	22.66	22.92	23.45
			Antenna Gain (dBi):		4.56		
			Max. EIRP (dBm):		28.26		
			EIRP Limit (dBm):		30.00		
LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	20000/1715	20175/1732.5	20350/1750
4	10MHz	QPSK	1	0	24.01	24.02	24.02
			1	25	24.06	24.31	24.22
			1	49	23.9	24.05	23.8
			25	0	22.88	22.94	23.03
			25	13	22.86	22.88	22.95
			25	25	22.7	23	22.9
			50	0	22.85	23.07	22.95
			Antenna Gain (dBi):		4.56		
			Max. EIRP (dBm):		28.87		
			EIRP Limit (dBm):		30.00		
		16QAM	1	0	22.88	22.66	23.59
			1	25	22.85	23.02	23.73
			1	49	22.69	22.94	23.48
			Antenna Gain (dBi):		4.56		
			Max. EIRP (dBm):		28.29		
			EIRP Limit (dBm):		30.00		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	20025/1717.5	20175/1732.5	20325/1747.5
4	15MHz	QPSK	1	0	24	23.98	24
			1	38	24.04	24.3	24.19
			1	74	23.87	24	23.76
			36	0	22.86	22.9	23
			36	18	22.83	22.83	22.91
			36	39	22.67	22.97	22.86
			75	0	22.83	23.03	22.9
			Antenna Gain (dBi):		4.56		
			Max. EIRP (dBm):		28.86		
			EIRP Limit (dBm):		30.00		
		16QAM	1	0	22.83	22.64	23.57
			1	38	22.83	22.99	23.71
			1	74	22.66	22.9	23.45
			Antenna Gain (dBi):		4.56		
			Max. EIRP (dBm):		28.27		
			EIRP Limit (dBm):		30.00		
LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	20050/1720	20175/1732.5	20300/1745
4	20MHz	QPSK	1	0	23.97	23.94	23.97
			1	50	24.03	24.26	24.17
			1	99	23.85	23.99	23.73
			50	0	22.83	22.85	22.96
			50	25	22.81	22.79	22.88
			50	50	22.64	22.92	22.82
			100	0	22.8	22.98	22.86
			Antenna Gain (dBi):		4.56		
			Max. EIRP (dBm):		28.82		
			EIRP Limit (dBm):		30.00		
		16QAM	1	0	22.81	22.6	23.52
			1	50	22.79	22.97	23.67
			1	99	22.64	22.87	23.43
			Antenna Gain (dBi):		4.56		
			Max. EIRP (dBm):		28.23		
			EIRP Limit (dBm):		30.00		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	20407/824.7	20525/836.5	20643/848.3
5	1.4MHz	QPSK	1	0	23.83	23.93	23.87
			1	2	23.97	24.02	24.23
			1	5	23.76	23.94	23.92
			3	0	23.83	23.77	24.04
			3	2	23.81	23.79	24.03
			3	3	23.87	23.84	23.98
			6	0	22.86	22.86	22.95
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		25.56		
			ERP Limit (dBm):		38.45		
		16QAM	1	0	23.44	22.82	22.85
			1	2	23.47	23.03	23.04
			1	5	23.29	22.83	22.84
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		24.8		
			ERP Limit (dBm):		38.45		
LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	20407/824.7	20525/836.5	20643/848.3
5	3MHz	QPSK	1	0	23.95	24.06	23.83
			1	7	24.19	24.1	24.01
			1	14	23.79	23.77	23.96
			8	0	23.13	23.07	22.92
			8	4	22.92	23.01	22.96
			8	7	22.97	23.01	23.05
			15	0	23.09	23.07	23.04
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		25.52		
			ERP Limit (dBm):		38.45		
		16QAM	1	0	22.73	23.28	23.55
			1	7	23.04	23.61	24.09
			1	14	22.82	23.21	23.53
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		25.42		
			ERP Limit (dBm):		38.45		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	20407/824.7	20525/836.5	20643/848.3
5	5MHz	QPSK	1	0	23.94	24.02	23.81
			1	13	24.17	24.09	23.98
			1	24	23.76	23.72	23.92
			12	0	23.11	23.03	22.89
			12	6	22.89	22.96	22.92
			12	13	22.94	22.98	23.01
			25	0	23.07	23.03	22.99
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		25.5		
			ERP Limit (dBm):		38.45		
		16QAM	1	0	22.68	23.26	23.53
			1	13	23.02	23.58	24.07
			1	24	22.79	23.17	23.5
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		25.4		
			ERP Limit (dBm):		38.45		
LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	20407/824.7	20525/836.5	20643/848.3
5	10MHz	QPSK	1	0	23.91	23.98	23.78
			1	25	24.16	24.05	23.96
			1	49	23.74	23.71	23.89
			25	0	23.08	22.98	22.85
			25	13	22.87	22.92	22.89
			25	25	22.91	22.93	22.97
			50	0	23.04	22.98	22.95
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		25.49		
			ERP Limit (dBm):		38.45		
		16QAM	1	0	22.66	23.22	23.48
			1	25	22.98	23.56	24.03
			1	49	22.77	23.14	23.48
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		25.36		
			ERP Limit (dBm):		38.45		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	23017/699.7	23095/707.5	23173/715.3
12	1.4MHz	QPSK	1	0	23.76	23.95	23.57
			1	2	23.67	23.83	23.68
			1	5	23.81	23.91	23.53
			3	0	23.74	23.76	23.78
			3	2	23.58	23.71	23.69
			3	3	23.69	23.81	23.64
			6	0	22.7	22.78	22.83
			Antenna Gain (dBi):		1.30		
			Max. ERP (dBm):		23.10		
			ERP Limit (dBm):		34.77		
		16QAM	1	0	23.53	23.16	22.71
			1	2	23.83	23.07	22.68
			1	5	23.63	22.9	22.6
			Antenna Gain (dBi):		1.30		
			Max. ERP (dBm):		22.98		
			ERP Limit (dBm):		34.77		
LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	23025/700.5	23095/707.5	23165/714.5
12	3MHz	QPSK	1	0	23.92	23.75	23.64
			1	2	24.23	23.94	23.82
			1	5	23.51	23.73	23.65
			3	0	22.86	22.98	22.87
			3	2	22.99	23.03	22.68
			3	3	22.85	22.89	22.97
			6	0	22.85	22.93	22.99
			Antenna Gain (dBi):		1.30		
			Max. ERP (dBm):		23.38		
			ERP Limit (dBm):		34.77		
		16QAM	1	0	22.59	23.27	22.84
			1	7	22.55	23.73	23.28
			1	14	22.58	23.36	22.68
			Antenna Gain (dBi):		1.30		
			Max. ERP (dBm):		22.88		
			ERP Limit (dBm):		34.77		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	23035/701.5	23095/707.5	23155/713.5
12	5MHz	QPSK	1	0	23.91	23.71	23.62
			1	13	24.21	23.93	23.79
			1	24	23.48	23.68	23.61
			12	0	22.84	22.94	22.84
			12	6	22.96	22.98	22.64
			12	13	22.82	22.86	22.93
			25	0	22.83	22.89	22.94
			Antenna Gain (dBi):		1.30		
			Max. ERP (dBm):		23.36		
			ERP Limit (dBm):		34.77		
		16QAM	1	0	22.54	23.25	22.82
			1	13	22.53	23.7	23.26
			1	24	22.55	23.32	22.65
			Antenna Gain (dBi):		1.30		
			Max. ERP (dBm):		22.83		
			ERP Limit (dBm):		34.77		
LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	23060/704	23095/707.5	23130/711
12	10MHz	QPSK	1	0	23.88	23.67	23.59
			1	25	24.20	23.89	23.77
			1	49	23.46	23.67	23.58
			25	0	22.81	22.89	22.8
			25	13	22.94	22.94	22.61
			25	25	22.79	22.81	22.89
			50	0	22.8	22.84	22.9
			Antenna Gain (dBi):		1.30		
			Max. ERP (dBm):		23.35		
			ERP Limit (dBm):		34.77		
		16QAM	1	0	22.52	23.21	22.77
			1	25	22.49	23.68	23.22
			1	49	22.53	23.29	22.63
			Antenna Gain (dBi):		1.30		
			Max. ERP (dBm):		22.83		
			ERP Limit (dBm):		34.77		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	23205/779.5	23230/782	23255/784.5
13	5MHz	QPSK	1	0	23.73	23.6	23.61
			1	13	23.64	23.75	23.95
			1	24	23.58	23.74	23.82
			12	0	22.81	22.69	22.81
			12	6	22.65	22.71	22.83
			12	13	22.74	22.76	22.96
			25	0	22.76	22.78	22.89
			Antenna Gain (dBi):		3.25		
			Max. ERP (dBm):		25.05		
			ERP Limit (dBm):		34.77		
		16QAM	1	0	22.88	22.86	22.46
			1	13	22.49	22.81	22.64
			1	24	23.12	22.65	22.56
			Antenna Gain (dBi):		3.25		
			Max. ERP (dBm):		24.22		
			ERP Limit (dBm):		34.77		
LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	/	23230/782	/
13	10MHz	QPSK	1	0	/	23.61	/
			1	25	/	23.77	/
			1	49	/	23.73	/
			25	0	/	22.71	/
			25	13	/	22.73	/
			25	25	/	22.82	/
			50	0	/	22.74	/
			Antenna Gain (dBi):		3.25		
			Max. ERP (dBm):		24.87		
			ERP Limit (dBm):		34.77		
		16QAM	1	0	/	22.98	/
			1	25	/	23.23	/
			1	49	/	23.01	/
			Antenna Gain (dBi):		3.25		
			Max. ERP (dBm):		24.33		
			ERP Limit (dBm):		34.77		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	26047/ 1850.7	26365/ 1882.5	26683/ 1914.3
25	1.4MHz	QPSK	1	0	23.44	23.59	23.3
			1	2	23.45	23.5	23.49
			1	5	23.4	23.54	23.55
			3	0	22.46	22.58	22.38
			3	2	22.44	22.6	22.43
			3	3	22.49	22.59	22.49
			6	0	22.42	22.64	22.37
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		28.23		
			EIRP Limit (dBm):		33.01		
		16QAM	1	0	22.26	21.98	22.21
			1	2	22.41	21.96	22.54
			1	5	22.31	21.9	22.89
			3	0	21.23	21.17	21.16
			3	2	21.29	21.3	21.18
			3	3	21.36	21.46	21.15
			6	0	21.39	21.56	21.25
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		27.53		
			EIRP Limit (dBm):		33.01		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	26055/ 1851.5	26365/ 1882.5	26675/ 1913.5
25	3MHz	QPSK	1	0	23.46	23.63	23.33
			1	7	23.48	23.55	23.53
			1	14	23.43	23.59	23.59
			8	0	22.54	22.68	22.49
			8	4	22.54	22.68	22.53
			8	7	22.57	22.68	22.57
			15	0	22.45	22.68	22.4
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		28.27		
			EIRP Limit (dBm):		33.01		
		16QAM	1	0	22.29	22	22.24
			1	7	22.44	22.01	22.58
			1	14	22.33	21.94	22.92
			8	0	21.32	21.28	21.26
			8	4	21.38	21.41	21.28
			8	7	21.44	21.56	21.26
			15	0	21.42	21.6	21.28
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		27.56		
			EIRP Limit (dBm):		33.01		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	26065/ 1852.5	26365/ 1882.5	26665/ 1912.5
25	5MHz	QPSK	1	0	23.41	23.54	23.27
			1	13	23.46	23.51	23.49
			1	24	23.37	23.52	23.51
			12	0	22.49	22.59	22.42
			12	6	22.5	22.6	22.45
			12	13	22.51	22.62	22.5
			25	0	22.46	22.6	22.33
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		28.18		
			EIRP Limit (dBm):		33.01		
		16QAM	1	0	22.21	21.93	22.16
			1	13	22.38	21.98	22.52
			1	24	22.28	21.87	22.86
			12	0	21.27	21.23	21.21
			12	6	21.31	21.33	21.2
			12	13	21.39	21.47	21.19
			25	0	21.38	21.52	21.2
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		27.5		
			EIRP Limit (dBm):		33.01		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	26090/ 1855.0	26365/ 1882.5	26640/ 1910.0
25	10MHz	QPSK	1	0	23.61	23.55	23.65
			1	25	23.62	23.72	23.69
			1	49	23.75	23.47	23.7
			25	0	22.54	22.64	22.66
			25	13	22.5	22.66	22.51
			25	25	22.55	22.67	22.38
			50	0	22.61	22.67	22.52
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		28.39		
			EIRP Limit (dBm):		33.01		
		16QAM	1	0	22.83	22.93	22.88
			1	25	23.35	23.02	23.22
			1	49	22.91	22.38	22.4
			25	0	21.47	21.57	21.55
			25	13	21.52	21.58	21.43
			25	25	21.59	21.6	21.37
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		27.99		
			EIRP Limit (dBm):		33.01		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	26115/ 1857.5	26365/ 1882.5	26615/ 1907.5
25	15MHz	QPSK	1	0	23.5	23.55	23.46
			1	38	23.57	23.5	23.78
			1	74	23.45	23.41	23.45
			36	0	22.6	22.63	22.58
			36	18	22.6	22.6	22.41
			36	39	22.58	22.58	22.34
			75	0	22.61	22.61	22.53
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		28.42		
			EIRP Limit (dBm):		33.01		
		16QAM	1	0	23.09	23.19	23.11
			1	38	23.13	23.13	23.07
			1	74	22.98	23.06	22.89
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		27.83		
			EIRP Limit (dBm):		33.01		
LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	26140/ 1860.0	26365/ 1882.5	26590/ 1905.0
25	20MHz	QPSK	1	0	23.28	23.18	23.82
			1	38	23.89	24	23.88
			1	74	23.32	23.31	23.5
			36	0	22.68	22.74	22.49
			36	18	22.6	22.7	22.41
			36	39	22.55	22.67	22.34
			75	0	22.51	22.63	22.43
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		28.64		
			EIRP Limit (dBm):		33.01		
		16QAM	1	0	22.5	22.74	21.82
			1	38	23.21	23.26	22.49
			1	74	22.57	22.82	21.91
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		27.9		
			EIRP Limit (dBm):		33.01		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	26697/814.7	26740/819.0	26783/823.3
26(Part 22)	1.4MHz	QPSK	1	0	23.89	23.96	23.86
			1	2	24.07	23.66	23.63
			1	5	23.71	23.63	23.71
			3	0	22.89	22.83	22.67
			3	2	22.81	22.8	22.73
			3	3	22.83	22.69	22.77
			6	0	22.84	22.79	22.8
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		25.40		
			ERP Limit (dBm):		50		
		16QAM	1	0	23.19	22.73	23.10
			1	2	23.02	22.46	23.16
			1	5	22.9	22.42	23.15
			3	0	21.87	21.67	21.52
			3	2	21.88	21.65	21.58
			3	3	21.85	21.63	21.58
			6	0	21.83	21.75	21.87
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		24.52		
			ERP Limit (dBm):		50		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	26705/815.5	26740/819.0	26775/822.5
26	3MHz	QPSK	1	0	23.91	24.00	23.89
			1	7	24.10	23.71	23.67
			1	14	23.74	23.68	23.75
			8	0	22.97	22.93	22.78
			8	4	22.91	22.88	22.83
			8	7	22.91	22.78	22.85
			15	0	22.87	22.83	22.83
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		25.43		
			ERP Limit (dBm):		50		
		16QAM	1	0	23.22	22.75	23.13
			1	7	23.05	22.51	23.2
			1	14	22.92	22.46	23.18
			8	0	21.96	21.78	21.62
			8	4	21.97	21.76	21.68
			8	7	21.93	21.73	21.69
			15	0	21.86	21.79	21.9
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		24.55		
			ERP Limit (dBm):		50		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	26715/816.5	26740/819.0	26765/821.5
26	5MHz	QPSK	1	0	23.86	23.91	23.83
			1	13	24.08	23.67	23.63
			1	24	23.68	23.61	23.67
			12	0	22.92	22.84	22.71
			12	6	22.87	22.8	22.75
			12	13	22.85	22.72	22.78
			25	0	22.88	22.75	22.76
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		25.41		
			ERP Limit (dBm):		50		
		16QAM	1	0	23.14	22.68	23.05
			1	13	22.99	22.48	23.14
			1	24	22.87	22.39	23.12
			12	0	21.91	21.73	21.57
			12	6	21.9	21.68	21.6
			12	13	21.88	21.64	21.62
			25	0	21.82	21.71	21.82
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		24.47		
			ERP Limit (dBm):		50		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	\	26740/819.0	\
26	10MHz	QPSK	1	0	\	23.76	\
			1	25	\	23.76	\
			1	49	\	23.56	\
			25	0	\	22.88	\
			25	13	\	22.82	\
			25	25	\	22.79	\
			50	0	\	22.9	\
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		25.09		
			ERP Limit (dBm):		50		
		16QAM	1	0	\	23.05	\
			1	25	\	23.30	\
			1	49	\	23.06	\
			25	0	\	21.92	\
			25	13	\	21.8	\
			25	25	\	21.7	\
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		24.63		
			ERP Limit (dBm):		50		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	26865/ 831.5	26915/ 836.5	26965/ 841.5
26	15MHz	QPSK	1	0	23.41	23.54	23.27
			1	13	23.46	23.51	23.49
			1	24	23.37	23.52	23.51
			12	0	22.49	22.59	22.42
			12	6	22.5	22.6	22.45
			12	13	22.51	22.62	22.5
			25	0	22.46	22.6	22.33
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		24.87		
			EIRP Limit (dBm):		50		
		16QAM	1	0	22.21	21.93	22.16
			1	13	22.38	21.98	22.52
			1	24	22.28	21.87	22.86
			12	0	21.27	21.23	21.21
			12	6	21.31	21.33	21.2
			12	13	21.39	21.47	21.19
			25	0	21.38	21.52	21.2
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		24.19		
			EIRP Limit (dBm):		50		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	26797/824.7	26915/836.5	27033/848.3
26(Part 90S)	1.4MHz	QPSK	1	0	24.03	23.71	23.58
			1	2	23.84	23.77	23.61
			1	5	23.67	23.74	23.54
			3	0	22.86	22.75	22.66
			3	2	22.82	22.73	22.67
			3	3	22.85	22.67	22.66
			6	0	22.74	22.73	22.69
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		25.36		
			ERP Limit (dBm):		38.45		
		16QAM	1	0	23	22.44	22.15
			1	2	23.23	22.38	22.35
			1	5	23.29	22.49	22
			3	0	21.61	21.7	21.42
			3	2	21.58	21.72	21.48
			3	3	21.62	21.71	21.49
			6	0	21.75	21.79	21.72
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		24.62		
			ERP Limit (dBm):		38.45		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	26805/825.5	26915/836.5	27025/847.5
26	3MHz	QPSK	1	0	24.05	23.75	23.61
			1	7	23.87	23.82	23.65
			1	14	23.7	23.79	23.58
			8	0	22.94	22.85	22.77
			8	4	22.92	22.81	22.77
			8	7	22.93	22.76	22.74
			15	0	22.77	22.77	22.72
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		25.38		
			ERP Limit (dBm):		38.45		
		16QAM	1	0	23.03	22.46	22.18
			1	7	23.26	22.43	22.39
			1	14	23.31	22.53	22.03
			8	0	21.7	21.81	21.52
			8	4	21.67	21.83	21.58
			8	7	21.7	21.81	21.6
			15	0	21.78	21.83	21.75
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		24.64		
			ERP Limit (dBm):		38.45		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	26815/826.5	26915/836.5	27015/846.5
26	5MHz	QPSK	1	0	24	22.95	23.55
			1	13	23.85	23.2	23.61
			1	24	23.64	23.26	23.5
			12	0	22.89	21.65	22.7
			12	6	22.88	21.6	22.69
			12	13	22.87	21.65	22.67
			25	0	22.78	21.74	22.65
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		25.33		
			ERP Limit (dBm):		38.45		
		16QAM	1	0	22.95	22.39	22.1
			1	13	23.2	22.4	22.33
			1	24	23.26	22.46	21.97
			12	0	21.65	21.76	21.47
			12	6	21.6	21.75	21.5
			12	13	21.65	21.72	21.53
			25	0	21.74	21.75	21.67
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		24.59		
			ERP Limit (dBm):		38.45		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	26840/829.0	26915/836.5	26990/844.0
26	10MHz	QPSK	1	0	23.83	23.82	23.64
			1	25	23.81	23.77	23.88
			1	49	23.75	23.63	23.6
			25	0	22.79	22.78	22.75
			25	13	22.81	22.73	22.74
			25	25	22.85	22.71	22.73
			50	0	22.93	22.75	22.76
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		25.21		
			ERP Limit (dBm):		38.45		
		16QAM	1	0	23.01	23.4	23.36
			1	25	23.46	23.22	23.31
			1	49	23.02	23.1	22.99
			25	0	21.85	21.66	21.82
			25	13	21.81	21.73	21.78
			25	25	21.84	21.82	21.69
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		24.79		
			ERP Limit (dBm):		38.45		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	26765/821.5	/	/
26	15MHz	QPSK	1	0	23.81	/	/
			1	25	23.84	/	/
			1	49	23.55	/	/
			25	0	22.69	/	/
			25	13	22.81	/	/
			25	25	22.95	/	/
			50	0	22.93	/	/
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		25.21		
			ERP Limit (dBm):		38.45		
		16QAM	1	0	23.15	/	/
			1	25	23.45	/	/
			1	49	23.04	/	/
			25	0	21.86	/	/
			25	13	21.84	/	/
			25	25	21.5	/	/
			Antenna Gain (dBi):		3.48		
			Max. ERP (dBm):		24.79		
			ERP Limit (dBm):		38.45		

Note: EIRP (dBm) = Burst Average power (dBm) + Antenna Gain (dBi).

ERP (dBm) = EIRP (dBm) + Antenna Gain (dBi)- 2.15 (dB).

Spot Check Test Result

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	18607/1850.7	18900/1880	19193/1909.3
2	1.4MHz	QPSK	1	0	24.28	23.26	23.52
			1	2	23.88	24.45	23.45
			1	5	24.15	23.55	24.26
			3	0	23.36	24.24	23.83
			3	2	24.22	23.94	23.55
			3	3	24.4	24.14	23.62
			6	0	22.9	22.74	23.05
			Antenna Gain (dBi):		4.88		
			Max. EIRP (dBm):		29.33		
			EIRP Limit (dBm):		33.01		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	19957/1710.7	20175/1732.5	20393/1754.3
4	1.4MHz	QPSK	1	0	23.60	23.7	23.45
			1	2	23.82	24.22	24.49
			1	5	24.15	24.53	23.39
			3	0	24.24	24.32	24.28
			3	2	24.36	23.62	24.32
			3	3	24.22	24.19	23.57
			6	0	22.93	23.05	23.21
			Antenna Gain (dBi):		4.56		
			Max. EIRP (dBm):		29.09		
			EIRP Limit (dBm):		30.00		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	20407/824.7	20525/836.5	20643/848.3
5	1.4MHz	QPSK	1	0	23.89	23.55	23.85
			1	2	23.53	23.93	23.94
			1	5	23.52	24.43	23.8
			3	0	23.71	23.44	24.26
			3	2	23.62	23.74	23.78
			3	3	23.72	23.68	23.95
			6	0	23.03	22.76	22.48
			Antenna Gain (dBi):		3.48		
			Max. EIRP (dBm):		25.76		
			EIRP Limit (dBm):		38.45		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	23017/699.7	23095/707.5	23173/715.3
12	1.4MHz	QPSK	1	0	23.94	24.05	23.79
			1	2	23.4	24.06	23.41
			1	5	23.98	23.47	23.86
			3	0	23.74	24.05	23.85
			3	2	23.34	23.78	23.33
			3	3	23.47	23.87	23.77
			6	0	22.68	22.58	22.56
			Antenna Gain (dBi):		1.97		
			Max. ERP (dBm):		23.88		
			EIRP Limit (dBm):		34.77		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	23205/779.5	23230/782	23255/784.5
13	5MHz	QPSK	1	0	23.26	23.53	23.85
			1	13	23.17	23.44	23.53
			1	24	23.96	23.98	23.93
			12	0	22.39	22.74	22.53
			12	6	22.68	23.05	22.41
			12	13	23.19	22.52	23.24
			25	0	23.17	22.29	22.56
			Antenna Gain (dBi):		3.25		
			Max. ERP (dBm):		25.08		
			EIRP Limit (dBm):		34.77		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	26065/ 1852.5	26365/ 1882.5	26665/ 1912.5
25	5MHz	QPSK	1	0	23.30	23.60	23.36
			1	13	23.71	23.47	23.43
			1	24	23.09	23.35	23.83
			12	0	22.45	22.37	22.44
			12	6	22.80	22.97	22.20
			12	13	22.75	22.31	22.05
			25	0	22.35	22.32	22.66
			Antenna Gain (dBi):		4.64		
			Max. EIRP (dBm):		28.47		
			EIRP Limit (dBm):		33.01		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	26697/814.7	26740/819.0	26783/823.3
26(Part22)	1.4MHz	QPSK	1	0	24.14	24.15	23.66
			1	2	23.87	23.45	23.66
			1	5	23.82	23.37	23.46
			3	0	22.52	22.74	23.1
			3	2	22.92	22.93	23.17
			3	3	22.96	22.66	22.79
			6	0	22.91	22.76	23.1
			Antenna Gain (dBi):		3.04		
			Max. ERP (dBm):		25.04		
			EIRP Limit (dBm):		50		

LTE BAND	BW	Modulation	RB		Conducted Power(dBm)		
					Channel/Frequency(MHz)		
			size	offset	26797/824.7	26915/836.5	27033/848.3
26(Part90S)	1.4MHz	QPSK	1	0	23.95	23.72	23.45
			1	2	24.33	23.66	24.01
			1	5	23.88	24.17	23.48
			3	0	23.13	22.78	22.77
			3	2	23.1	23.01	23.08
			3	3	22.69	23	22.39
			6	0	22.96	23.22	22.45
			Antenna Gain (dBi):		3.48		
			Max. EIRP (dBm):		25.66		
			EIRP Limit (dBm):		38.45		

Note: EIRP (dBm) = Burst Average power (dBm) + Antenna Gain (dBi).

ERP (dBm) = EIRP (dBm) - 2.15 (dB).