

## 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	
		Antenna Gain (dBi):			4.64			
		Max. EIRP (dBm):			28.86			
		EIRP Limit (dBm):			33.01			
		16QAM	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)			
			size	offset	Channel/Frequency(MHz)			
					/	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)					
			size	offset	Channel/Frequency(MHz)					
					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)					
			size	offset	Channel/Frequency(MHz)					
					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)			
			size	offset	Channel/Frequency(MHz)			
					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)			
			size	offset	Channel/Frequency(MHz)			
					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).