

# LTE Power

Note: The Conducted output power refer to report R1907A0408-R2V1, R1907A0408-R1V1, R1907A0408-R3V1 and R1907A0408-R4V1, FCC ID: XMR201909EC25AFX, which is issued by TA Technology(Shanghai) Co., Ltd.

**Measurement Data:**

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					18607	18900	19193		
					1850.7MHz	1880.0MHz	1909.3MHz		
2	1.4	QPSK	1	0	23.37	23.41	22.99		
			1	2	23.41	23.79	22.99		
			1	5	23.33	23.26	22.91		
			3	0	23.35	23.29	23.12		
			3	1	23.18	23.09	23.21		
			3	2	23.37	23.26	22.9		
			6	0	22.23	22.49	22.07		
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					27.79		
		EIRP Limit (dBm):					33.00		
		16QAM	1	0	22.36	22.91	22.68		
			1	2	22.41	22.94	23		
			1	5	22.2	22.95	23.02		
			3	0	22.33	22.19	22.16		
			3	1	22.42	22.16	22.07		
			3	2	22.31	22.29	22.06		
			6	0	21.36	21.29	21.3		
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					26.52		
		EIRP Limit (dBm):					33.00		
		LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
18615	18900						19185		
1851.5MHz	1880.0MHz						1908.5MHz		
2	3	QPSK	1	0	23.39	23.45	23.02		
			1	7	23.44	23.84	23.03		
			1	14	23.36	23.31	22.95		
			8	0	22.45	22.41	22.25		
			8	4	22.3	22.19	22.33		
			8	7	22.47	22.37	22		
			15	0	22.26	22.53	22.1		
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					27.34		
		EIRP Limit (dBm):					33.00		
		16QAM	1	0	22.39	22.93	22.71		
			1	7	22.44	22.99	23.04		
			1	14	22.22	22.99	23.05		
			8	0	21.44	21.32	21.28		
			8	4	21.53	21.29	21.19		
			8	7	21.41	21.41	21.19		
			15	0	21.39	21.33	21.33		
		Antenna Gain (dBi):					3.5		

		Max. EIRP (dBm):	26.55
		EIRP Limit (dBm):	33.00
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).			

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					18625	18900	19175		
					1852.5MHz	1880.0MHz	1907.5MHz		
2	5	QPSK	1	0	23.36	23.43	22.98		
			1	12	23.42	23.8	23		
			1	24	23.33	23.26	22.91		
			12	0	22.42	22.36	22.21		
			12	6	22.28	22.15	22.28		
			12	11	22.45	22.35	21.96		
		25	0	22.24	22.52	22.08			
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					27.30		
		EIRP Limit (dBm):					33.00		
		16QAM	1		22.36	22.89	22.68		
			1	12	22.41	22.97	23.01		
			1	24	22.19	22.97	23.01		
			12	0	21.42	21.28	21.25		
			12	6	21.5	21.24	21.15		
			12	11	21.38	21.36	21.15		
25	0	21.37	21.29	21.28					
Antenna Gain (dBi):					3.5				
Max. EIRP (dBm):					26.51				
EIRP Limit (dBm):					33.00				

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					18650	18900	19150		
					1855.0MHz	1880.0MHz	1905.0MHz		
2	10	QPSK	1	0	23.38	23.44	23.01		
			1	24	23.45	23.85	23.04		
			1	49	23.35	23.3	22.94		
			25	0	22.45	22.41	22.25		
			25	12	22.31	22.2	22.32		
			25	24	22.47	22.39	22.01		
		50	0	22.32	22.54	22.12			
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					27.35		
		EIRP Limit (dBm):					33.00		
		16QAM	1	0	22.38	22.92	22.7		
			1	24	22.44	23.01	23.04		
			1	49	22.22	22.99	23.04		
			25	0	21.45	21.33	21.29		
			25	12	21.52	21.28	21.18		
			25	24	21.41	21.41	21.19		
50	0	21.4	21.34	21.32					
Antenna Gain (dBi):					3.5				
Max. EIRP (dBm):					26.54				
EIRP Limit (dBm):					33.00				

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

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					18675	18900	19125		
					1857.5MHz	1880.0MHz	1902.5MHz		
2	15	QPSK	1	0	23.37	23.4	22.99		
			1	37	23.43	23.84	23.01		
			1	74	23.32	23.25	22.9		
			36	0	22.43	22.37	22.22		
			36	16	22.28	22.15	22.28		
			36	35	22.44	22.36	21.97		
			75	0	22.3	22.5	22.07		
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					27.34		
		EIRP Limit (dBm):					33.00		
		16QAM	1	0	22.33	22.9	22.68		
			1	37	22.42	22.98	23.02		
			1	74	22.19	22.95	23.01		
			36	0	21.42	21.31	21.26		
			36	16	21.49	21.23	21.14		
			36	35	21.39	21.37	21.16		
			75	0	21.37	21.29	21.28		
Antenna Gain (dBi):					3.5				
Max. EIRP (dBm):					26.52				
EIRP Limit (dBm):					33.00				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					18700	18900	19100		
					1860.0MHz	1880.0MHz	1900.0MHz		
2	20	QPSK	1	0	23.34	23.36	22.96		
			1	49	23.42	23.8	22.99		
			1	99	23.3	23.24	22.87		
			50	0	22.4	22.32	22.18		
			50	24	22.26	22.11	22.25		
			50	49	22.41	22.31	21.93		
			100	0	22.27	22.45	22.03		
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					27.30		
		EIRP Limit (dBm):					33.00		
		16QAM	1	0	22.31	22.86	22.63		
			1	49	22.38	22.96	22.98		
			1	99	22.17	22.92	22.99		
			50	0	21.39	21.27	21.23		
			50	24	21.46	21.21	21.11		
			50	49	21.36	21.32	21.12		
			100	0	21.35	21.25	21.25		
Antenna Gain (dBi):					3.5				
Max. EIRP (dBm):					26.49				
EIRP Limit (dBm):					33.00				
<i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i>									

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					19957	20175	20393	
					1710.7MHz	1732.5MHz	1754.3MHz	
4	1.4	QPSK	1	0	23.55	23.20	23.42	
			1	2	23.44	23.53	23.46	
			1	5	23.20	23.54	23.68	
			3	0	23.32	23.22	23.55	
			3	1	23.28	23.33	23.40	
			3	2	23.31	23.42	23.39	
		6	0	22.30	22.40	22.64		
		Antenna Gain (dBi):				3.5		
		Max. EIRP (dBm):				27.18		
		EIRP Limit (dBm):				30.00		
		16QAM	1	0	22.45	22.25	23.27	
			1	2	22.52	22.79	23.15	
			1	5	22.38	22.98	23.37	
			3	0	22.23	22.32	22.43	
			3	1	22.32	22.39	22.26	
			3	2	22.39	22.47	22.47	
		6	0	21.34	21.48	21.68		
Antenna Gain (dBi):				3.5				
Max. EIRP (dBm):				26.87				
EIRP Limit (dBm):				30.00				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					19965	20175	20385	
					1711.5MHz	1732.5MHz	1753.5MHz	
4	3	QPSK	1	0	23.57	23.24	23.45	
			1	7	23.47	23.58	23.50	
			1	14	23.23	23.59	23.72	
			8	0	22.42	22.34	22.68	
			8	4	22.40	22.43	22.52	
			8	7	22.41	22.53	22.49	
		15	0	22.33	22.44	22.67		
		Antenna Gain (dBi):				3.5		
		Max. EIRP (dBm):				27.22		
		EIRP Limit (dBm):				30.00		
		16QAM	1	0	22.48	22.27	23.30	
			1	7	22.55	22.84	23.19	
			1	14	22.40	23.02	23.40	
			8	0	21.34	21.45	21.55	
			8	4	21.43	21.52	21.38	
			8	7	21.49	21.59	21.60	
		15	0	21.37	21.52	21.71		
Antenna Gain (dBi):				3.5				
Max. EIRP (dBm):				26.90				
EIRP Limit (dBm):				30.00				

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

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					19975	20175	20375		
					1712.5MHz	1732.5MHz	1752.5MHz		
4	5	QPSK	1	0	23.54	23.22	23.41		
			1	12	23.45	23.54	23.47		
			1	24	23.20	23.54	23.68		
			12	0	22.39	22.29	22.64		
			12	6	22.38	22.39	22.47		
			12	11	22.39	22.51	22.45		
		25	0	22.31	22.43	22.65			
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					27.18		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.45	22.23	23.27		
			1	12	22.52	22.82	23.16		
			1	24	22.37	23.00	23.36		
			12	0	21.32	21.41	21.52		
			12	6	21.40	21.47	21.34		
			12	11	21.46	21.54	21.56		
25	0	21.35	21.48	21.66					
Antenna Gain (dBi):					3.5				
Max. EIRP (dBm):					26.89				
EIRP Limit (dBm):					30.00				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					20000	20175	20350		
					1715.0MHz	1732.5MHz	1750.0MHz		
4	10	QPSK	1	0	23.56	23.23	23.44		
			1	24	23.48	23.59	23.51		
			1	49	23.22	23.58	23.71		
			25	0	22.42	22.34	22.68		
			25	12	22.41	22.44	22.51		
			25	24	22.41	22.55	22.50		
		50	0	22.39	22.45	22.69			
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					27.21		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.47	22.26	23.29		
			1	24	22.55	22.86	23.19		
			1	49	22.40	23.02	23.39		
			25	0	21.35	21.46	21.56		
			25	12	21.42	21.51	21.37		
			25	24	21.49	21.59	21.60		
50	0	21.38	21.53	21.70					
Antenna Gain (dBi):					3.5				
Max. EIRP (dBm):					26.89				
EIRP Limit (dBm):					30.00				

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

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					20025	20175	20325		
					1717.5MHz	1732.5MHz	1747.5MHz		
4	15	QPSK	1	0	23.55	23.19	23.42		
			1	37	23.46	23.58	23.48		
			1	74	23.19	23.53	23.67		
			36	0	22.40	22.30	22.65		
			36	16	22.38	22.39	22.47		
			36	35	22.38	22.52	22.46		
			75	0	22.37	22.41	22.64		
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					27.17		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.42	22.24	23.27		
			1	37	22.53	22.83	23.17		
			1	74	22.37	22.98	23.36		
			36	0	21.32	21.44	21.53		
			36	16	21.39	21.46	21.33		
			36	35	21.47	21.55	21.57		
			75	0	21.35	21.48	21.66		
Antenna Gain (dBi):					3.5				
Max. EIRP (dBm):					26.86				
EIRP Limit (dBm):					30.00				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					20050	20175	20300		
					1720.0MHz	1732.5MHz	1745.0MHz		
4	20	QPSK	1	0	23.52	23.15	23.39		
			1	49	23.45	23.54	23.46		
			1	99	23.17	23.52	23.64		
			50	0	22.37	22.25	22.61		
			50	24	22.36	22.35	22.44		
			50	49	22.35	22.47	22.42		
			100	0	22.34	22.36	22.60		
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					27.14		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.40	22.20	23.22		
			1	49	22.49	22.81	23.13		
			1	99	22.35	22.95	23.34		
			50	0	21.29	21.40	21.50		
			50	24	21.36	21.44	21.30		
			50	49	21.44	21.50	21.53		
			100	0	21.33	21.44	21.63		
Antenna Gain (dBi):					3.5				
Max. EIRP (dBm):					26.84				
EIRP Limit (dBm):					30.00				
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).									

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					20407	20525	20643		
					824.7MHz	836.5MHz	848.3MHz		
5	1.4	QPSK	1	0	22.98	23.11	23.15		
			1	2	23.07	23.44	23.25		
			1	5	23.09	23.19	23.17		
			3	0	23.00	23.31	23.15		
			3	1	23.01	23.26	22.94		
			3	3	23.14	23.05	23.22		
			6	0	22.11	22.13	22.14		
		Antenna Gain(dBi):					3.5		
		Max. ERP for FCC (dBm):					24.79		
		ERP Limit for FCC (dBm):					38.45		
		16QAM	1	0	22.00	21.77	21.82		
			1	2	21.69	21.74	21.69		
			1	5	21.88	21.72	21.65		
			3	0	22.07	22.31	22.06		
			3	1	22.00	22.08	21.92		
3	2		22.20	22.22	21.86				
6	0		20.91	23.03	20.86				
Antenna Gain(dBi):					3.5				
Max. ERP for FCC (dBm):					24.38				
ERP Limit for FCC (dBm):					38.45				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					20415	20525	20635		
					825.5MHz	836.5MHz	847.50MHz		
5	3	QPSK	1	0	23.05	23.13	23.24		
			1	7	22.94	23.46	23.15		
			1	14	23.18	23.13	23.15		
			8	0	22.08	22.17	22.13		
			8	4	21.98	22.15	22.04		
			8	7	22.06	22.06	22.06		
			15	0	22.06	22.14	22.08		
		Antenna Gain(dBi):					3.5		
		Max. ERP for FCC (dBm):					24.81		
		ERP Limit for FCC (dBm):					38.45		
		16QAM	1	0	21.84	21.65	21.78		
			1	7	21.79	21.91	21.87		
			1	14	21.91	21.73	21.68		
			8	0	20.95	21.28	21.15		
			8	4	20.93	21.07	20.87		
8	7		21.17	21.27	20.88				
15	0		20.98	23.06	20.98				
Antenna Gain(dBi):					3.5				
Max. ERP for FCC (dBm):					24.41				
ERP Limit for FCC (dBm):					38.45				
<i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i> <i>ERP (dBm) = EIRP (dBm) - 2.15 (dB).</i>									

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					20425	20525	20625		
					826.5MHz	836.5MHz	846.5MHz		
5	5	QPSK	1	0	22.95	23.01	23.32		
			1	12	23.01	23.52	23.25		
			1	24	23.16	23.18	23.23		
			12	0	22.14	22.26	22.06		
			12	6	21.91	22.29	21.98		
			12	11	22.12	22.14	22.08		
			25	0	21.96	22.15	22.19		
		Antenna Gain(dBi):					3.5		
		Max. ERP for FCC (dBm):					24.87		
		ERP Limit for FCC (dBm):					38.45		
		16QAM	1	0	21.94	21.71	21.75		
			1	12	21.80	21.77	21.86		
			1	24	21.89	21.76	21.76		
			12	0	21.03	21.29	21.12		
			12	6	21.03	21.01	20.98		
			12	11	21.23	21.17	20.93		
			25	0	20.81	23.07	20.99		
Antenna Gain(dBi):					3.5				
Max. ERP for FCC (dBm):					24.42				
ERP Limit for FCC (dBm):					38.45				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					20450	20525	20600		
					829.0MHz	836.5MHz	844.0MHz		
5	10	QPSK	1	0	23.13	23.16	23.32		
			1	24	23.09	23.61	23.35		
			1	49	23.20	23.23	23.28		
			25	0	22.17	22.31	22.23		
			25	12	22.07	22.33	22.14		
			25	24	22.18	22.22	22.22		
			50	0	22.16	22.27	22.21		
		Antenna Gain(dBi):					3.5		
		Max. ERP for FCC (dBm):					24.96		
		ERP Limit for FCC (dBm):					38.45		
		16QAM	1	0	22.01	21.85	21.94		
			1	24	21.85	21.94	21.88		
			1	49	21.92	21.82	21.83		
			25	0	21.13	21.37	21.21		
			25	12	21.08	21.20	21.07		
			25	24	21.27	21.28	21.01		
			50	0	21.00	23.14	21.02		
Antenna Gain(dBi):					3.5				
Max. ERP for FCC (dBm):					24.49				
ERP Limit for FCC (dBm):					38.45				
<i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i> <i>ERP (dBm) = EIRP (dBm) - 2.15 (dB).</i>									



LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					23017	23095	23173		
					699.7MHz	707.5MHz	715.3MHz		
12	1.4	QPSK	1	0	23.63	23.64	23.61		
			1	2	23.67	23.57	23.69		
			1	5	23.61	23.50	23.70		
			3	0	23.50	23.54	23.63		
			3	1	23.45	23.50	23.54		
			3	2	23.66	23.62	23.63		
			6	0	22.61	22.57	22.65		
		Antenna Gain(dBi):					3.5		
		Max. ERP for FCC (dBm):					25.05		
		ERP Limit for FCC (dBm):					34.77		
		16QAM	1	0	22.95	22.18	22.96		
			1	2	22.94	22.55	23.20		
			1	5	22.76	22.36	22.86		
			3	0	22.58	22.60	22.74		
			3	1	22.52	22.50	22.51		
			3	2	22.52	22.58	22.46		
			6	0	21.71	21.63	21.84		
Antenna Gain(dBi):					3.5				
Max. ERP for FCC (dBm):					25.05				
ERP Limit for FCC (dBm):					34.77				

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					23025	23095	23165		
					700.5MHz	707.5MHz	714.5MHz		
12	3	QPSK	1	0	23.65	23.68	23.64		
			1	7	23.70	23.62	23.73		
			1	14	23.64	23.55	23.74		
			8	0	22.60	22.66	22.76		
			8	4	22.57	22.60	22.66		
			8	7	22.76	22.73	22.73		
			15	0	22.64	22.61	22.68		
		Antenna Gain(dBi):					3.5		
		Max. ERP for FCC (dBm):					25.09		
		ERP Limit for FCC (dBm):					34.77		
		16QAM	1	0	22.98	22.20	22.99		
			1	7	22.97	22.60	23.24		
			1	14	22.78	22.40	22.89		
			8	0	21.69	21.73	21.86		
			8	4	21.63	21.63	21.63		
			8	7	21.62	21.70	21.59		
			15	0	21.74	21.67	21.87		
Antenna Gain(dBi):					3.5				
Max. ERP for FCC (dBm):					24.59				
ERP Limit for FCC (dBm):					34.77				

Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).  
 ERP (dBm) = EIRP (dBm) - 2.15 (dB).

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					23035	23095	23155		
					701.5MHz	707.5MHz	713.5MHz		
12	5	QPSK	1	0	23.63	23.63	23.61		
			1	12	23.69	23.62	23.71		
			1	24	23.60	23.49	23.69		
			12	0	22.58	22.62	22.73		
			12	6	22.55	22.56	22.61		
			12	11	22.73	22.72	22.70		
			25	0	22.68	22.58	22.65		
		Antenna Gain(dBi):					3.5		
		Max. ERP for FCC (dBm):					25.06		
		ERP Limit for FCC (dBm):					34.77		
		16QAM	1	0	22.92	22.17	22.96		
			1	12	22.95	22.59	23.22		
			1	24	22.75	22.36	22.85		
			12	0	21.67	21.72	21.84		
			12	6	21.59	21.57	21.58		
			12	11	21.60	21.66	21.56		
			25	0	21.72	21.63	21.82		
Antenna Gain(dBi):					3.5				
Max. ERP for FCC (dBm):					24.57				
ERP Limit for FCC (dBm):					34.77				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					23060	23095	23130		
					704.0MHz	707.5MHz	711.0MHz		
12	10	QPSK	1	0	23.60	23.59	23.58		
			1	24	23.68	23.58	23.69		
			1	49	23.58	23.48	23.66		
			25	0	22.55	22.57	22.69		
			25	12	22.53	22.52	22.58		
			25	24	22.70	22.67	22.66		
			50	0	22.65	22.53	22.61		
		Antenna Gain(dBi):					3.5		
		Max. ERP for FCC (dBm):					25.04		
		ERP Limit for FCC (dBm):					34.77		
		16QAM	1	0	22.90	22.13	22.91		
			1	24	22.91	22.57	23.18		
			1	49	22.73	22.33	22.83		
			25	0	21.64	21.68	21.81		
			25	12	21.56	21.55	21.55		
			25	24	21.57	21.61	21.52		
			50	0	21.70	21.59	21.79		
Antenna Gain(dBi):					3.5				
Max. ERP for FCC (dBm):					24.53				
ERP Limit for FCC (dBm):					34.77				
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi). ERP (dBm) = EIRP (dBm) - 2.15 (dB).									

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					23205	23230	23255		
					779.5MHz	782MHz	784.5MHz		
13	5	QPSK	1	0	23.72	23.63	23.78		
			1	13	23.79	23.68	23.77		
			1	24	23.58	23.69	23.65		
			12	0	22.87	22.77	22.82		
			12	6	22.85	22.80	22.86		
			12	13	22.75	22.82	22.83		
			25	0	22.81	22.74	22.80		
		Antenna Gain(dBi):					3.5		
		Max. ERP for FCC (dBm):					25.14		
		ERP Limit for FCC (dBm):					34.77		
		16QAM	1	0	23.06	22.41	22.60		
			1	13	23.14	22.45	22.35		
			1	24	23.03	22.16	22.43		
			12	0	21.50	21.52	21.68		
			12	6	21.63	21.75	21.65		
			12	13	21.76	21.60	21.57		
			25	0	21.74	21.96	21.62		
Antenna Gain(dBi):					3.5				
Max. ERP for FCC (dBm):					25.20				
ERP Limit for FCC (dBm):					34.77				

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					/	23230	/		
					/	782MHz	/		
13	10	QPSK	1	0	/	23.76	/		
			1	25	/	23.85	/		
			1	49	/	23.71	/		
			25	0	/	22.87	/		
			25	13	/	22.79	/		
			25	25	/	22.88	/		
			50	0	/	22.74	/		
		Antenna Gain(dBi):					3.5		
		Max. ERP for FCC (dBm):					25.2		
		ERP Limit for FCC (dBm):					34.77		
		16QAM	1	0	/	23.11	/		
			1	25	/	23.41	/		
			1	49	/	22.94	/		
			25	0	/	21.78	/		
			25	13	/	21.83	/		
			25	25	/	21.88	/		
			50	0	/	21.82	/		
Antenna Gain(dBi):					3.5				
Max. ERP for FCC (dBm):					24.76				
ERP Limit for FCC (dBm):					34.77				

Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).  
 ERP (dBm) = EIRP (dBm) - 2.15 (dB).

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					23305	23330	23355	
					790.5MHz	793.0MHz	795.5MHz	
14	5	QPSK	1	0	23.81	23.59	23.59	
			1	13	23.64	23.84	23.75	
			1	24	23.68	23.88	23.90	
			12	0	22.83	22.83	22.75	
			12	6	22.77	22.80	22.71	
			12	13	22.82	22.85	22.77	
			25	0	22.89	22.76	22.73	
		Antenna Gain(dBi):				3.5		
		Max. ERP for FCC (dBm):				25.25		
		ERP Limit for FCC (dBm):				34.77		
		16QAM	1	0	22.50	22.47	22.42	
			1	13	22.38	22.61	22.54	
			1	24	22.21	22.57	22.22	
			12	0	21.65	21.68	21.74	
			12	6	21.84	21.59	21.85	
			12	13	21.67	21.50	21.65	
			25	0	21.77	21.73	21.69	
		Antenna Gain(dBi):				3.5		
Max. ERP for FCC (dBm):				23.96				
ERP Limit for FCC (dBm):				34.77				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					/	23330	/	
					/	793.0MHz	/	
14	10	QPSK	1	0	/	23.73	/	
			1	25	/	23.85	/	
			1	49	/	23.53	/	
			25	0	/	22.84	/	
			25	13	/	22.78	/	
			25	25	/	22.82	/	
			50	0	/	22.83	/	
		Antenna Gain(dBi):				3.5		
		Max. ERP for FCC (dBm):				25.20		
		ERP Limit for FCC (dBm):				34.77		
		16QAM	1	0	/	22.70	/	
			1	25	/	23.38	/	
			1	49	/	22.85	/	
			25	0	/	21.64	/	
			25	13	/	21.80	/	
			25	25	/	21.76	/	
			50	0	/	21.77	/	
		Antenna Gain(dBi):				3.5		
Max. ERP for FCC (dBm):				24.73				
ERP Limit for FCC (dBm):				34.77				
<p>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).  ERP (dBm) = EIRP (dBm) - 2.15 (dB).</p>								

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					18607	18900	19193		
					1850.7MHz	1880.0MHz	1909.3MHz		
66	1.4	QPSK	1	0	23.42	23.57	23.56		
			1	2	23.30	23.76	23.57		
			1	5	23.37	23.64	23.45		
			3	0	23.47	23.58	23.26		
			3	2	23.35	23.75	23.33		
			3	3	23.59	23.55	23.36		
			6	0	22.51	22.73	22.34		
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					27.26		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.84	22.38	22.20		
			1	2	22.43	22.76	22.57		
			1	5	22.57	22.42	22.22		
			3	0	22.53	22.57	22.27		
			3	2	22.32	22.76	22.43		
			3	3	22.69	22.62	22.45		
			6	0	21.65	21.84	21.45		
Antenna Gain (dBi):					3.5				
Max. EIRP (dBm):					26.34				
EIRP Limit (dBm):					30.00				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					18615	18900	19185		
					1851.5MHz	1880.0MHz	1908.5MHz		
66	3	QPSK	1	0	23.44	23.61	23.59		
			1	7	23.33	23.81	23.61		
			1	14	23.40	23.69	23.49		
			8	0	22.57	22.70	22.39		
			8	4	22.47	22.85	22.45		
			8	7	22.69	22.66	22.46		
			15	0	22.54	22.77	22.37		
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					27.31		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.87	22.40	22.23		
			1	7	22.46	22.81	22.61		
			1	14	22.59	22.46	22.25		
			8	0	21.64	21.70	21.39		
			8	4	21.43	21.89	21.55		
			8	7	21.79	21.74	21.58		
			15	0	21.68	21.88	21.48		
Antenna Gain (dBi):					3.5				
Max. EIRP (dBm):					26.37				
EIRP Limit (dBm):					30.00				

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

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					18625	18900	19175		
					1852.5MHz	1880.0MHz	1907.5MHz		
66	5	QPSK	1	0	23.41	23.59	23.55		
			1	13	23.31	23.77	23.58		
			1	24	23.37	23.64	23.45		
			12	0	22.54	22.65	22.35		
			12	6	22.45	22.81	22.40		
			12	13	22.67	22.64	22.42		
			25	0	22.52	22.76	22.35		
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					27.27		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.84	22.36	22.20		
			1	13	22.43	22.79	22.58		
			1	24	22.56	22.44	22.21		
			12	0	21.62	21.66	21.36		
			12	6	21.40	21.84	21.51		
			12	13	21.76	21.69	21.54		
			25	0	21.66	21.84	21.43		
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					26.34		
		EIRP Limit (dBm):					30.00		
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					18650	18900	19150		
					1855.0MHz	1880.0MHz	1905.0MHz		
66	10	QPSK	1	0	23.43	23.60	23.58		
			1	25	23.34	23.82	23.62		
			1	49	23.39	23.68	23.48		
			25	0	22.57	22.70	22.39		
			25	13	22.48	22.86	22.44		
			25	25	22.69	22.68	22.47		
			50	0	22.60	22.78	22.39		
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					27.32		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.86	22.39	22.22		
			1	25	22.46	22.83	22.61		
			1	49	22.59	22.46	22.24		
			25	0	21.65	21.71	21.40		
			25	13	21.42	21.88	21.54		
			25	25	21.79	21.74	21.58		
			50	0	21.69	21.89	21.47		
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					26.36		
		EIRP Limit (dBm):					30.00		
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).									

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					18675	18900	19125		
					1857.5MHz	1880.0MHz	1902.5MHz		
66	15	QPSK	1	0	23.42	23.56	23.56		
			1	38	23.32	23.81	23.59		
			1	74	23.36	23.63	23.44		
			36	0	22.55	22.66	22.36		
			36	18	22.45	22.81	22.40		
			36	39	22.66	22.65	22.43		
			75	0	22.58	22.74	22.34		
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					27.31		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.81	22.37	22.20		
			1	38	22.44	22.80	22.59		
			1	74	22.56	22.42	22.21		
			36	0	21.62	21.69	21.37		
			36	18	21.39	21.83	21.50		
			36	39	21.77	21.70	21.55		
			75	0	21.66	21.84	21.43		
Antenna Gain (dBi):					3.5				
Max. EIRP (dBm):					25.31				
EIRP Limit (dBm):					30.00				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					18700	18900	19100		
					1860.0MHz	1880.0MHz	1900.0MHz		
66	20	QPSK	1	0	23.39	23.52	23.53		
			1	50	23.31	23.77	23.57		
			1	99	23.34	23.62	23.41		
			50	0	22.52	22.61	22.32		
			50	25	22.43	22.77	22.37		
			50	50	22.63	22.60	22.39		
			100	0	22.55	22.69	22.30		
		Antenna Gain (dBi):					3.5		
		Max. EIRP (dBm):					27.27		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.79	22.33	22.15		
			1	50	22.40	22.78	22.55		
			1	99	22.54	22.39	22.19		
			50	0	21.59	21.65	21.34		
			50	25	21.36	21.81	21.47		
			50	50	21.74	21.65	21.51		
			100	0	21.64	21.80	21.40		
Antenna Gain (dBi):					3.5				
Max. EIRP (dBm):					26.29				
EIRP Limit (dBm):					30.00				
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).									

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					23755	23790	23825		
					706.5MHz	710.0MHz	713.5MHz		
71	5	QPSK	1	0	23.15	23.23	22.96		
			1	13	23.44	23.23	23.08		
			1	24	23.25	23.06	23.07		
			12	0	22.15	22.33	22.29		
			12	6	22.20	22.19	22.21		
			12	13	22.38	22.36	22.33		
			25	0	22.17	22.40	22.20		
		Antenna Gain(dBi):					3.5		
		Max. ERP for FCC (dBm):					24.79		
		ERP Limit for FCC (dBm):					34.77		
		16QAM	1	0	22.08	22.64	22.90		
			1	13	22.20	22.85	22.91		
			1	24	22.22	22.43	22.78		
			12	0	21.29	21.23	21.07		
			12	6	21.25	21.28	21.26		
			12	13	21.38	21.23	21.13		
			25	0	21.32	21.50	21.31		
Antenna Gain(dBi):					3.5				
Max. ERP for FCC (dBm):					24.26				
ERP Limit for FCC (dBm):					34.77				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					23780	23790	23800		
					709.0MHz	710.0MHz	711.0MHz		
71	10	QPSK	1	0	23.17	23.24	22.99		
			1	25	23.47	23.28	23.12		
			1	49	23.27	23.10	23.10		
			25	0	22.18	22.38	22.33		
			25	13	22.23	22.24	22.25		
			25	25	22.40	22.40	22.38		
			50	0	22.25	22.42	22.24		
		Antenna Gain(dBi):					3.5		
		Max. ERP for FCC (dBm):					24.82		
		ERP Limit for FCC (dBm):					34.77		
		16QAM	1	0	22.10	22.67	22.92		
			1	25	22.23	22.89	22.94		
			1	49	22.25	22.45	22.81		
			25	0	21.32	21.28	21.11		
			25	13	21.27	21.32	21.29		
			25	25	21.41	21.28	21.17		
			50	0	21.35	21.55	21.35		
Antenna Gain(dBi):					3.5				
Max. ERP for FCC (dBm):					24.29				
ERP Limit for FCC (dBm):					34.77				
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi). ERP (dBm) = EIRP (dBm) - 2.15 (dB).									



LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					23755	23790	23825	
					706.5MHz	710.0MHz	713.5MHz	
71	15	QPSK	1	0	23.16	23.01	22.97	
			1	38	23.45	23.11	23.09	
			1	74	23.24	23.09	23.06	
			36	0	22.16	22.25	22.30	
			36	18	22.20	22.21	22.21	
			36	39	22.37	22.13	22.34	
			75	0	22.23	22.11	22.19	
		Antenna Gain(dBi):				3.5		
		Max. ERP for FCC (dBm):				24.80		
		ERP Limit for FCC (dBm):				34.77		
		16QAM	1	0	22.05	22.07	22.90	
			1	38	22.21	22.09	22.92	
			1	74	22.22	22.22	22.78	
			36	0	21.29	21.25	21.08	
			36	18	21.24	21.20	21.25	
			36	39	21.39	21.12	21.14	
			75	0	21.32	21.11	21.31	
Antenna Gain(dBi):				3.5				
Max. ERP for FCC (dBm):				24.27				
ERP Limit for FCC (dBm):				34.77				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					23780	23790	23800	
					709.0MHz	710.0MHz	711.0MHz	
71	20	QPSK	1	0	23.13	23.16	22.94	
			1	50	23.44	23.23	23.07	
			1	99	23.22	23.04	23.03	
			50	0	22.13	22.29	22.26	
			50	25	22.18	22.15	22.18	
			50	50	22.34	22.32	22.30	
			100	0	22.20	22.33	22.15	
		Antenna Gain(dBi):				3.5		
		Max. ERP for FCC (dBm):				24.79		
		ERP Limit for FCC (dBm):				34.77		
		16QAM	1	0	22.03	22.61	22.85	
			1	50	22.17	22.84	22.88	
			1	99	22.20	22.38	22.76	
			50	0	21.26	21.22	21.05	
			50	25	21.21	21.25	21.22	
			50	50	21.36	21.19	21.10	
			100	0	21.30	21.46	21.28	
Antenna Gain(dBi):				3.5				
Max. ERP for FCC (dBm):				24.23				
ERP Limit for FCC (dBm):				34.77				
<i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i> <i>ERP (dBm) = EIRP (dBm) - 2.15 (dB).</i>								