

# LTE Power

Note: The Conducted output power refer to report R2003A0151-R2, R2003A0151-R3, R2003A0151-R5, R2003A0151-R6, FCC ID: XMR201707BG96, which is issued by TA Technology(Shanghai) Co., Ltd.

**Measurement Data:**

Mode	Bandwidth	Channel/ Frequency(MHz)	Index	RB# RBstart	Conducted Power (dBm)		EIRP Power (dBm)		
					QPSK	16QAM	QPSK	16QAM	
Band 2	1.4MHz	18607/1850.7	0	1#0	23.25	23.80	25.93	26.48	
			0	6#0	23.42	23.52	26.10	26.20	
		18900/1880	0	1#0	23.37	23.83	26.05	26.51	
			0	6#0	23.55	23.72	26.23	26.40	
		19193/1909.3	0	1#5	23.73	23.84	26.41	26.52	
			0	6#0	23.70	23.74	26.38	26.42	
	3MHz	18615/1851.5	0	1#0	23.84	23.83	26.52	26.51	
			0	6#0	23.74	23.55	26.42	26.23	
		18900/1880	0	1#0	23.41	23.85	26.09	26.53	
			0	6#0	23.59	23.76	26.27	26.44	
		19185/1908.5	1	1#5	23.76	23.87	26.44	26.55	
			1	6#0	23.73	23.77	26.41	26.45	
	5MHz	18625/1852.5	3	1#0	23.24	23.80	25.92	26.48	
			0	6#0	23.43	23.53	26.11	26.21	
		18900/1880	0	1#0	23.39	23.81	26.07	26.49	
			0	6#0	23.58	23.72	26.26	26.40	
		19175/1907.5	0	1#5	23.72	23.84	26.40	26.52	
			3	6#0	23.71	23.72	26.39	26.40	
	10MHz	18650/1855	3	1#0	23.26	23.82	25.94	26.50	
			0	4#0	23.51	23.56	26.19	26.24	
		18900/1880	0	1#0	23.40	23.84	26.08	26.52	
			0	4#0	23.60	23.77	26.28	26.45	
		19150/1905	4	1#5	23.75	23.86	26.43	26.54	
			7	4#2	23.75	23.76	26.43	26.44	
	15MHz	18675/1857.5	3	1#0	23.25	23.77	25.93	26.45	
			0	6#0	23.49	23.53	26.17	26.21	
		18900/1880	0	1#0	23.36	23.82	26.04	26.50	
			0	6#0	23.56	23.72	26.24	26.40	
		19125/1902.5	8	1#5	23.73	23.84	26.41	26.52	
			11	6#0	23.70	23.72	26.38	26.40	
	20MHz	18700/1860	3	1#0	23.22	23.75	25.90	26.43	
			0	6#0	23.46	23.51	26.14	26.19	
		18900/1880	0	1#0	23.32	23.78	26.00	26.46	
			0	6#0	23.51	23.68	26.19	26.36	
		19100/1900	12	1#5	23.70	23.79	26.38	26.47	
			15	6#0	23.66	23.69	26.34	26.37	
	Antenna Gain(dBi):					2.68			
	Max. EIRP for FCC (dBm):					26.55			
	EIRP Limit for FCC (dBm):					33.00			

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

Mode	Bandwidth	Channel/ Frequency(MHz)	Index	RB# RBstart	Conducted Power (dBm)		EIRP Power (dBm)	
					QPSK	16QAM	QPSK	16QAM
Band 4	1.4MHz	19957/1710.7	0	1#0	22.38	21.94	23.94	23.50
			0	6#0	22.13	22.06	23.69	23.62
		20175/1732.5	0	1#0	22.31	22.02	23.87	23.58
			0	6#0	22.09	22.03	23.65	23.59
		20393/1754.3	0	1#5	22.37	22.13	23.93	23.69
			0	6#0	22.23	22.21	23.79	23.77
	3MHz	19965/1711.5	0	1#0	22.40	21.97	23.96	23.53
			0	6#0	22.16	22.09	23.72	23.65
		20175/1732.5	0	1#0	22.35	22.04	23.91	23.60
			0	6#0	22.13	22.07	23.69	23.63
		20385/1753.5	1	1#5	22.40	22.16	23.96	23.72
			1	6#0	22.26	22.24	23.82	23.80
	5MHz	19975/1712.5	3	1#0	22.37	21.94	23.93	23.50
			0	6#0	22.14	22.07	23.70	23.63
		20175/1732.5	0	1#0	22.33	22.00	23.89	23.56
			0	6#0	22.12	22.03	23.68	23.59
		20375/1752.5	0	1#5	22.36	22.13	23.92	23.69
			3	6#0	22.24	22.19	23.80	23.75
	10MHz	20000/1715	3	1#0	22.39	21.96	23.95	23.52
			0	4#0	22.22	22.10	23.78	23.66
		20175/1732.5	0	1#0	22.34	22.03	23.90	23.59
			0	4#0	22.14	22.08	23.70	23.64
		20350/1750	4	1#5	22.39	22.15	23.95	23.71
			7	4#2	22.28	22.23	23.84	23.79
	15MHz	20025/1717.5	3	1#0	22.38	21.91	23.94	23.47
			0	6#0	22.20	22.07	23.76	23.63
		20175/1732.5	0	1#0	22.30	22.01	23.86	23.57
			0	6#0	22.10	22.03	23.66	23.59
		20325/1747.5	8	1#5	22.37	22.13	23.93	23.69
			11	6#0	22.23	22.19	23.79	23.75
	20MHz	20050/1720	3	1#0	22.35	21.89	23.91	23.45
			0	6#0	22.17	22.05	23.73	23.61
		20175/1732.5	0	1#0	22.26	21.97	23.82	23.53
			0	6#0	22.05	21.99	23.61	23.55
		20300/1745	12	1#5	22.34	22.08	23.90	23.64
			15	6#0	22.19	22.16	23.75	23.72
Antenna Gain(dBi):					1.56			
Max. EIRP for FCC (dBm):					23.96			
EIRP Limit for FCC (dBm):					30.00			
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi). ERP (dBm) = EIRP (dBm) - 2.15 (dB).								

Mode	Bandwidth	Channel/ Frequency(MHz)	Index	RB# RBstart	Conducted Power (dBm)		ERP Power (dBm)		
					QPSK	16QAM	QPSK	16QAM	
Band 12	1.4MHz	23017/699.7	0	1#0	22.74	23.23	19.72	20.21	
			0	6#0	22.48	22.71	19.46	19.69	
		23095/707.5	0	1#0	23.12	22.81	20.10	19.79	
			0	6#0	22.66	22.90	19.64	19.88	
		23173/715.3	0	1#5	23.37	23.02	20.35	20.00	
			0	6#0	22.64	22.79	19.62	19.77	
	3MHz	23025/700.5	0	1#0	22.76	23.25	19.74	20.23	
			0	6#0	22.56	22.74	19.54	19.72	
		23095/707.5	0	1#0	23.13	22.84	20.11	19.82	
			0	6#0	22.68	22.95	19.66	19.93	
		23165/714.5	1	1#5	23.40	23.04	20.38	20.02	
			1	6#0	22.68	22.83	19.66	19.81	
	5MHz	23035/701.5	3	1#0	22.75	23.20	19.73	20.18	
			0	6#0	22.54	22.71	19.52	19.69	
		23095/707.5	0	1#0	23.09	22.82	20.07	19.80	
			0	6#0	22.64	22.90	19.62	19.88	
		23155/713.5	0	1#5	23.38	23.02	20.36	20.00	
			3	6#0	22.63	22.79	19.61	19.77	
	10MHz	23060/704	3	1#0	22.72	23.18	19.70	20.16	
			0	4#0	22.51	22.69	19.49	19.67	
		23095/707.5	0	1#0	23.05	22.78	20.03	19.76	
			0	4#0	22.59	22.86	19.57	19.84	
		23130/711	4	1#5	23.35	22.97	20.33	19.95	
			7	4#2	22.59	22.76	19.57	19.74	
	Antenna Gain(dBi):					-0.87			
	Max. ERP for FCC (dBm):					20.38			
	ERP Limit for FCC (dBm):					34.77			

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

Mode	Bandwidth	Channel/ Frequency(MHz)	Index	RB# RBstart	Conducted Power (dBm)		ERP Power (dBm)		
					QPSK	16QAM	QPSK	16QAM	
Band 13	5MHz	23205/779.5	3	1#0	23.10	23.81	22.88	23.59	
			0	6#0	22.80	21.84	22.58	21.62	
		23230/782	0	1#0	23.32	23.14	23.10	22.92	
			0	6#0	22.68	22.19	22.46	21.97	
		23255/784.5	0	1#5	23.11	23.72	22.89	23.50	
			3	6#0	22.67	21.93	22.45	21.71	
	10MHz	23230/782	0	1#0	23.07	23.70	22.85	23.48	
			0	4#0	22.77	22.95	22.55	22.73	
	Antenna Gain(dBi):					1.93			
	Max. ERP for FCC (dBm):					23.59			
ERP Limit for FCC (dBm):					34.77				

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