

LTE Power

Note: The Conducted output powers refer to R2006A0361-R2V1 report and R2006A0361-R3V1 report, FCC ID: XMR201910BG95M3, which is issued by TA Technology (Shanghai) Co., Ltd.

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	22.52	23.22	33.01	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	20.30	21.00	33.01	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	21.47	22.17	33.01	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	19.98	20.68	33.01	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	21.77	22.47	33.01	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	19.95	20.65	33.01	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.24	21.94	33.01	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	20.62	21.32	33.01	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.21	21.91	33.01	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	19.79	20.49	33.01	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	20.68	21.38	33.01	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.28	20.98	33.01	PASS
Band2	3MHz	QPSK	18615	1RB#0	21.98	22.68	33.01	PASS
Band2	3MHz	QPSK	18615	6RB#0	20.38	21.08	33.01	PASS
Band2	3MHz	QPSK	18900	1RB#0	21.81	22.51	33.01	PASS
Band2	3MHz	QPSK	18900	6RB#0	20.05	20.75	33.01	PASS
Band2	3MHz	QPSK	19185	1RB#5	21.62	22.32	33.01	PASS
Band2	3MHz	QPSK	19185	6RB#0	20.01	20.71	33.01	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.28	21.98	33.01	PASS
Band2	3MHz	16QAM	18615	6RB#0	20.51	21.21	33.01	PASS
Band2	3MHz	16QAM	18900	1RB#0	20.87	21.57	33.01	PASS
Band2	3MHz	16QAM	18900	6RB#0	20.33	21.03	33.01	PASS
Band2	3MHz	16QAM	19185	1RB#5	20.71	21.41	33.01	PASS
Band2	3MHz	16QAM	19185	6RB#0	20.34	21.04	33.01	PASS
Band2	5MHz	QPSK	18625	1RB#0	21.68	22.38	33.01	PASS
Band2	5MHz	QPSK	18625	6RB#0	21.07	21.77	33.01	PASS
Band2	5MHz	QPSK	18900	1RB#0	21.65	22.35	33.01	PASS
Band2	5MHz	QPSK	18900	6RB#0	20.84	21.54	33.01	PASS
Band2	5MHz	QPSK	19175	1RB#5	21.28	21.98	33.01	PASS
Band2	5MHz	QPSK	19175	6RB#0	20.88	21.58	33.01	PASS
Band2	5MHz	16QAM	18625	1RB#0	21.89	22.59	33.01	PASS
Band2	5MHz	16QAM	18625	6RB#0	21.26	21.96	33.01	PASS

Band2	5MHz	16QAM	18900	1RB#0	21.31	22.01	33.01	PASS
Band2	5MHz	16QAM	18900	6RB#0	20.98	21.68	33.01	PASS
Band2	5MHz	16QAM	19175	1RB#5	21.62	22.32	33.01	PASS
Band2	5MHz	16QAM	19175	6RB#0	21.00	21.70	33.01	PASS
Band2	10MHz	QPSK	18650	1RB#0	21.52	22.22	33.01	PASS
Band2	10MHz	QPSK	18650	4RB#0	21.67	22.37	33.01	PASS
Band2	10MHz	QPSK	18900	1RB#0	21.56	22.26	33.01	PASS
Band2	10MHz	QPSK	18900	4RB#0	21.38	22.08	33.01	PASS
Band2	10MHz	QPSK	19150	1RB#5	21.48	22.18	33.01	PASS
Band2	10MHz	QPSK	19150	4RB#2	21.61	22.31	33.01	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.79	22.49	33.01	PASS
Band2	10MHz	16QAM	18650	4RB#0	21.43	22.13	33.01	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.13	21.83	33.01	PASS
Band2	10MHz	16QAM	18900	4RB#0	21.71	22.41	33.01	PASS
Band2	10MHz	16QAM	19150	1RB#5	21.11	21.81	33.01	PASS
Band2	10MHz	16QAM	19150	4RB#2	21.74	22.44	33.01	PASS
Band2	15MHz	QPSK	18675	1RB#0	21.82	22.52	33.01	PASS
Band2	15MHz	QPSK	18675	6RB#0	21.73	22.43	33.01	PASS
Band2	15MHz	QPSK	18900	1RB#0	21.74	22.44	33.01	PASS
Band2	15MHz	QPSK	18900	6RB#0	21.65	22.35	33.01	PASS
Band2	15MHz	QPSK	19125	1RB#5	21.55	22.25	33.01	PASS
Band2	15MHz	QPSK	19125	6RB#0	21.48	22.18	33.01	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.71	22.41	33.01	PASS
Band2	15MHz	16QAM	18675	6RB#0	21.86	22.56	33.01	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.41	22.11	33.01	PASS
Band2	15MHz	16QAM	18900	6RB#0	21.55	22.25	33.01	PASS
Band2	15MHz	16QAM	19125	1RB#5	21.11	21.81	33.01	PASS
Band2	15MHz	16QAM	19125	6RB#0	21.47	22.17	33.01	PASS
Band2	20MHz	QPSK	18700	1RB#0	21.77	22.47	33.01	PASS
Band2	20MHz	QPSK	18700	6RB#0	21.68	22.38	33.01	PASS
Band2	20MHz	QPSK	18900	1RB#0	21.50	22.20	33.01	PASS
Band2	20MHz	QPSK	18900	6RB#0	21.46	22.16	33.01	PASS
Band2	20MHz	QPSK	19100	1RB#5	21.36	22.06	33.01	PASS
Band2	20MHz	QPSK	19100	6RB#0	21.43	22.13	33.01	PASS
Band2	20MHz	16QAM	18700	1RB#0	21.56	22.26	33.01	PASS
Band2	20MHz	16QAM	18700	6RB#0	21.61	22.31	33.01	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.19	21.89	33.01	PASS
Band2	20MHz	16QAM	18900	6RB#0	21.57	22.27	33.01	PASS
Band2	20MHz	16QAM	19100	1RB#5	20.94	21.64	33.01	PASS
Band2	20MHz	16QAM	19100	6RB#0	21.64	22.34	33.01	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	20.83	21.53	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	18.78	19.48	30.00	PASS

Band4	1.4MHz	QPSK	20175	1RB#0	20.57	21.27	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	18.52	19.22	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	19.92	20.62	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	18.63	19.33	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	19.76	20.46	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.04	19.74	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	19.62	20.32	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	18.54	19.24	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	19.75	20.45	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	18.48	19.18	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	20.41	21.11	30.00	PASS
Band4	3MHz	QPSK	19965	6RB#0	18.71	19.41	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	20.32	21.02	30.00	PASS
Band4	3MHz	QPSK	20175	6RB#0	18.71	19.41	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#5	20.15	20.85	30.00	PASS
Band4	3MHz	QPSK	20385	6RB#0	18.81	19.51	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	20.02	20.72	30.00	PASS
Band4	3MHz	16QAM	19965	6RB#0	18.78	19.48	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	19.37	20.07	30.00	PASS
Band4	3MHz	16QAM	20175	6RB#0	18.94	19.64	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#5	19.15	19.85	30.00	PASS
Band4	3MHz	16QAM	20385	6RB#0	19.01	19.71	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	20.39	21.09	30.00	PASS
Band4	5MHz	QPSK	19975	6RB#0	19.81	20.51	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	20.28	20.98	30.00	PASS
Band4	5MHz	QPSK	20175	6RB#0	19.73	20.43	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#5	20.11	20.81	30.00	PASS
Band4	5MHz	QPSK	20375	6RB#0	19.72	20.42	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.51	21.21	30.00	PASS
Band4	5MHz	16QAM	19975	6RB#0	19.91	20.61	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	20.39	21.09	30.00	PASS
Band4	5MHz	16QAM	20175	6RB#0	19.67	20.37	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#5	20.17	20.87	30.00	PASS
Band4	5MHz	16QAM	20375	6RB#0	19.69	20.39	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	20.38	21.08	30.00	PASS
Band4	10MHz	QPSK	20000	4RB#0	20.27	20.97	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	20.16	20.86	30.00	PASS
Band4	10MHz	QPSK	20175	4RB#0	20.12	20.82	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#5	19.94	20.64	30.00	PASS
Band4	10MHz	QPSK	20350	4RB#2	20.04	20.74	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.49	21.19	30.00	PASS
Band4	10MHz	16QAM	20000	4RB#0	20.14	20.84	30.00	PASS

Band4	10MHz	16QAM	20175	1RB#0	20.24	20.94	30.00	PASS
Band4	10MHz	16QAM	20175	4RB#0	19.98	20.68	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#5	20.07	20.77	30.00	PASS
Band4	10MHz	16QAM	20350	4RB#2	19.91	20.61	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	20.33	21.03	30.00	PASS
Band4	15MHz	QPSK	20025	6RB#0	20.27	20.97	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	20.16	20.86	30.00	PASS
Band4	15MHz	QPSK	20175	6RB#0	20.12	20.82	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#5	19.97	20.67	30.00	PASS
Band4	15MHz	QPSK	20325	6RB#0	20.04	20.74	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	20.48	21.18	30.00	PASS
Band4	15MHz	16QAM	20025	6RB#0	20.42	21.12	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	20.31	21.01	30.00	PASS
Band4	15MHz	16QAM	20175	6RB#0	20.24	20.94	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#5	20.11	20.81	30.00	PASS
Band4	15MHz	16QAM	20325	6RB#0	20.11	20.81	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	20.32	21.02	30.00	PASS
Band4	20MHz	QPSK	20050	6RB#0	20.19	20.89	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	20.24	20.94	30.00	PASS
Band4	20MHz	QPSK	20175	6RB#0	20.09	20.79	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#5	20.11	20.81	30.00	PASS
Band4	20MHz	QPSK	20300	6RB#0	20.11	20.81	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.46	21.16	30.00	PASS
Band4	20MHz	16QAM	20050	6RB#0	20.36	21.06	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	20.38	21.08	30.00	PASS
Band4	20MHz	16QAM	20175	6RB#0	20.21	20.91	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#5	20.14	20.84	30.00	PASS
Band4	20MHz	16QAM	20300	6RB#0	20.16	20.86	30.00	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	20.02	12.37	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	18.64	10.99	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	19.85	12.20	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	18.51	10.86	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	20.46	12.81	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	18.56	10.91	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	19.76	12.11	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	18.62	10.97	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	19.73	12.08	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	18.42	10.77	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	19.32	11.67	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	19.03	11.38	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	20.25	12.60	34.77	PASS
Band12	3MHz	QPSK	23025	6RB#0	18.69	11.04	34.77	PASS

Band12	3MHz	QPSK	23095	1RB#0	20.22	12.57	34.77	PASS
Band12	3MHz	QPSK	23095	6RB#0	18.47	10.82	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#5	20.21	12.56	34.77	PASS
Band12	3MHz	QPSK	23165	6RB#0	18.55	10.90	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	19.76	12.11	34.77	PASS
Band12	3MHz	16QAM	23025	6RB#0	18.61	10.96	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	20.01	12.36	34.77	PASS
Band12	3MHz	16QAM	23095	6RB#0	18.58	10.93	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#5	19.81	12.16	34.77	PASS
Band12	3MHz	16QAM	23165	6RB#0	18.63	10.98	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	20.19	12.54	34.77	PASS
Band12	5MHz	QPSK	23035	6RB#0	19.67	12.02	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	20.01	12.36	34.77	PASS
Band12	5MHz	QPSK	23095	6RB#0	19.60	11.95	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#5	19.96	12.31	34.77	PASS
Band12	5MHz	QPSK	23155	6RB#0	19.61	11.96	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	20.39	12.74	34.77	PASS
Band12	5MHz	16QAM	23035	6RB#0	19.82	12.17	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	20.21	12.56	34.77	PASS
Band12	5MHz	16QAM	23095	6RB#0	19.73	12.08	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#5	20.19	12.54	34.77	PASS
Band12	5MHz	16QAM	23155	6RB#0	19.77	12.12	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	20.21	12.56	34.77	PASS
Band12	10MHz	QPSK	23060	4RB#0	20.23	12.58	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	20.16	12.51	34.77	PASS
Band12	10MHz	QPSK	23095	4RB#0	20.07	12.42	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#5	19.91	12.26	34.77	PASS
Band12	10MHz	QPSK	23130	4RB#2	20.15	12.50	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	20.41	12.76	34.77	PASS
Band12	10MHz	16QAM	23060	4RB#0	20.07	12.42	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	20.30	12.65	34.77	PASS
Band12	10MHz	16QAM	23095	4RB#0	19.95	12.30	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#5	20.13	12.48	34.77	PASS
Band12	10MHz	16QAM	23130	4RB#2	19.90	12.25	34.77	PASS
Band13	5MHz	QPSK	23205	1RB#0	20.18	12.53	34.77	PASS
Band13	5MHz	QPSK	23205	6RB#0	19.95	12.30	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#0	20.31	12.66	34.77	PASS
Band13	5MHz	QPSK	23230	6RB#0	19.81	12.16	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#5	20.02	12.37	34.77	PASS
Band13	5MHz	QPSK	23255	6RB#0	19.82	12.17	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#0	20.53	12.88	34.77	PASS
Band13	5MHz	16QAM	23205	6RB#0	20.03	12.38	34.77	PASS

Band13	5MHz	16QAM	23230	1RB#0	19.91	12.26	34.77	PASS
Band13	5MHz	16QAM	23230	6RB#0	20.02	12.37	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#5	20.43	12.78	34.77	PASS
Band13	5MHz	16QAM	23255	6RB#0	19.84	12.19	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#0	20.11	12.46	34.77	PASS
Band13	10MHz	QPSK	23230	4RB#0	19.84	12.19	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#0	20.53	12.88	34.77	PASS
Band13	10MHz	16QAM	23230	4RB#0	19.57	11.92	34.77	PASS

Remark: EIRP (dBm) = Conducted power (dBm) + Antenna Gain (dBi). (For Band 2 & 4)

ERP (dBm) = EIRP (dBm) - 2.15 (dB). (For Band 12 & 13)

Spot Check:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	22.46	23.16	33.01	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.06	21.76	33.01	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.08	22.78	33.01	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.10	21.80	33.01	PASS
Band2	5MHz	QPSK	18625	1RB#0	21.86	22.56	33.01	PASS
Band2	5MHz	16QAM	18625	1RB#0	21.35	22.05	33.01	PASS
Band2	10MHz	QPSK	18650	1RB#0	21.30	22.00	33.01	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.22	21.92	33.01	PASS
Band2	15MHz	QPSK	18675	1RB#0	21.85	22.55	33.01	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.60	22.30	33.01	PASS
Band2	20MHz	QPSK	18700	1RB#0	21.89	22.59	33.01	PASS
Band2	20MHz	16QAM	18700	1RB#0	21.71	22.41	33.01	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	20.36	21.06	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	19.85	20.55	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	20.20	20.90	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	19.88	20.58	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	20.15	20.85	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.22	20.92	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	20.09	20.79	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	19.84	20.54	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	20.11	20.81	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	19.92	20.62	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	20.03	20.73	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.10	20.80	30.00	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	19.86	12.21	34.77	PASS

Band12	1.4MHz	16QAM	23017	1RB#0	19.65	12.00	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	19.66	12.01	34.77	PASS
Band12	3MHz	QPSK	23025	6RB#0	19.85	12.20	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	19.32	11.67	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	19.96	12.31	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	19.50	11.85	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	19.98	12.33	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	19.70	12.05	34.77	PASS
Band13	5MHz	QPSK	23205	1RB#0	20.03	12.38	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#0	20.11	12.46	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#0	19.89	12.24	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#0	19.53	11.88	34.77	PASS