
Annex A. LTE Output Power

1. LTE_Band7

1.1. LTE Output Power

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (dBm)	Upper Limit (dBm)	Measured (dBm)	Verdict
20775	5	QPSK	1	0	0	33	23.12	Pass
20775	5	QPSK	1	12	0	33	22.92	Pass
20775	5	QPSK	1	24	0	33	22.69	Pass
20775	5	QPSK	12	0	0	33	21.91	Pass
20775	5	QPSK	12	6	0	33	21.86	Pass
20775	5	QPSK	12	13	0	33	21.69	Pass
20775	5	QPSK	25	0	0	33	21.8	Pass
20775	5	16QAM	1	0	0	33	22.41	Pass
20775	5	16QAM	1	12	0	33	22.07	Pass
20775	5	16QAM	1	24	0	33	21.91	Pass
20775	5	16QAM	12	0	0	33	21.2	Pass
20775	5	16QAM	12	6	0	33	21.24	Pass
20775	5	16QAM	12	13	0	33	21.04	Pass
20775	5	16QAM	25	0	0	33	21.1	Pass
21100	5	QPSK	1	0	0	33	23.83	Pass
21100	5	QPSK	1	12	0	33	23.84	Pass
21100	5	QPSK	1	24	0	33	23.87	Pass
21100	5	QPSK	12	0	0	33	22.79	Pass
21100	5	QPSK	12	6	0	33	22.98	Pass
21100	5	QPSK	12	13	0	33	22.9	Pass
21100	5	QPSK	25	0	0	33	22.9	Pass
21100	5	16QAM	1	0	0	33	23.38	Pass
21100	5	16QAM	1	12	0	33	23.47	Pass
21100	5	16QAM	1	24	0	33	23.48	Pass
21100	5	16QAM	12	0	0	33	21.88	Pass
21100	5	16QAM	12	6	0	33	22.06	Pass
21100	5	16QAM	12	13	0	33	22.02	Pass
21100	5	16QAM	25	0	0	33	21.95	Pass
21425	5	QPSK	1	0	0	33	22.3	Pass
21425	5	QPSK	1	12	0	33	22.31	Pass
21425	5	QPSK	1	24	0	33	22.45	Pass
21425	5	QPSK	12	0	0	33	21.22	Pass
21425	5	QPSK	12	6	0	33	21.4	Pass

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (dBm)	Upper Limit (dBm)	Measured (dBm)	Verdict
21425	5	QPSK	12	13	0	33	21.4	Pass
21425	5	QPSK	25	0	0	33	21.31	Pass
21425	5	16QAM	1	0	0	33	21.37	Pass
21425	5	16QAM	1	12	0	33	21.5	Pass
21425	5	16QAM	1	24	0	33	21.67	Pass
21425	5	16QAM	12	0	0	33	20.39	Pass
21425	5	16QAM	12	6	0	33	20.52	Pass
21425	5	16QAM	12	13	0	33	20.54	Pass
21425	5	16QAM	25	0	0	33	20.38	Pass
20800	10	QPSK	1	0	0	33	23.33	Pass
20800	10	QPSK	1	24	0	33	22.77	Pass
20800	10	QPSK	1	49	0	33	22.46	Pass
20800	10	QPSK	25	0	0	33	21.75	Pass
20800	10	QPSK	25	12	0	33	21.68	Pass
20800	10	QPSK	25	25	0	33	21.32	Pass
20800	10	QPSK	50	0	0	33	21.45	Pass
20800	10	16QAM	1	0	0	33	22.26	Pass
20800	10	16QAM	1	24	0	33	21.51	Pass
20800	10	16QAM	1	49	0	33	21.47	Pass
20800	10	16QAM	25	0	0	33	20.96	Pass
20800	10	16QAM	25	12	0	33	20.84	Pass
20800	10	16QAM	25	25	0	33	20.59	Pass
20800	10	16QAM	50	0	0	33	22.24	Pass
21100	10	QPSK	1	0	0	33	23.75	Pass
21100	10	QPSK	1	24	0	33	23.94	Pass
21100	10	QPSK	1	49	0	33	23.82	Pass
21100	10	QPSK	25	0	0	33	22.78	Pass
21100	10	QPSK	25	12	0	33	23.02	Pass
21100	10	QPSK	25	25	0	33	22.82	Pass
21100	10	QPSK	50	0	0	33	23.38	Pass
21100	10	16QAM	1	0	0	33	23.19	Pass
21100	10	16QAM	1	24	0	33	23.37	Pass
21100	10	16QAM	1	49	0	33	23.26	Pass
21100	10	16QAM	25	0	0	33	21.77	Pass
21100	10	16QAM	25	12	0	33	21.94	Pass
21100	10	16QAM	25	25	0	33	21.8	Pass
21100	10	16QAM	50	0	0	33	23.41	Pass

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (dBm)	Upper Limit (dBm)	Measured (dBm)	Verdict
21400	10	QPSK	1	0	0	33	21.94	Pass
21400	10	QPSK	1	24	0	33	22.01	Pass
21400	10	QPSK	1	49	0	33	22.43	Pass
21400	10	QPSK	25	0	0	33	20.97	Pass
21400	10	QPSK	25	12	0	33	21.23	Pass
21400	10	QPSK	25	25	0	33	21.26	Pass
21400	10	QPSK	50	0	0	33	21.79	Pass
21400	10	16QAM	1	0	0	33	20.98	Pass
21400	10	16QAM	1	24	0	33	21.27	Pass
21400	10	16QAM	1	49	0	33	21.62	Pass
21400	10	16QAM	25	0	0	33	20.06	Pass
21400	10	16QAM	25	12	0	33	20.4	Pass
21400	10	16QAM	25	25	0	33	20.48	Pass
21400	10	16QAM	50	0	0	33	21.82	Pass
20825	15	QPSK	1	0	0	33	23.29	Pass
20825	15	QPSK	1	37	0	33	22.6	Pass
20825	15	QPSK	1	74	0	33	22.32	Pass
20825	15	QPSK	36	0	0	33	21.66	Pass
20825	15	QPSK	36	19	0	33	21.42	Pass
20825	15	QPSK	36	39	0	33	21.35	Pass
20825	15	QPSK	75	0	0	33	21.4	Pass
20825	15	16QAM	1	0	0	33	22.16	Pass
20825	15	16QAM	1	37	0	33	21.44	Pass
20825	15	16QAM	1	74	0	33	21.27	Pass
20825	15	16QAM	36	0	0	33	22.67	Pass
20825	15	16QAM	36	19	0	33	22.64	Pass
20825	15	16QAM	36	39	0	33	22.66	Pass
20825	15	16QAM	75	0	0	33	22.64	Pass
21100	15	QPSK	1	0	0	33	23.56	Pass
21100	15	QPSK	1	37	0	33	23.95	Pass
21100	15	QPSK	1	74	0	33	23.41	Pass
21100	15	QPSK	36	0	0	33	23.45	Pass
21100	15	QPSK	36	19	0	33	23.42	Pass
21100	15	QPSK	36	39	0	33	23.55	Pass
21100	15	QPSK	75	0	0	33	22.61	Pass
21100	15	16QAM	1	0	0	33	22.33	Pass
21100	15	16QAM	1	37	0	33	23.86	Pass

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (dBm)	Upper Limit (dBm)	Measured (dBm)	Verdict
21100	15	16QAM	1	74	0	33	22.91	Pass
21100	15	16QAM	36	0	0	33	23.24	Pass
21100	15	16QAM	36	19	0	33	22.97	Pass
21100	15	16QAM	36	39	0	33	23.10	Pass
21100	15	16QAM	75	0	0	33	22.78	Pass
21375	15	QPSK	1	0	0	33	21.92	Pass
21375	15	QPSK	1	37	0	33	21.82	Pass
21375	15	QPSK	1	74	0	33	22.35	Pass
21375	15	QPSK	36	0	0	33	21.71	Pass
21375	15	QPSK	36	19	0	33	21.69	Pass
21375	15	QPSK	36	39	0	33	23.09	Pass
21375	15	QPSK	75	0	0	33	23.40	Pass
21375	15	16QAM	1	0	0	33	22.78	Pass
21375	15	16QAM	1	37	0	33	23.64	Pass
21375	15	16QAM	1	74	0	33	22.83	Pass
21375	15	16QAM	36	0	0	33	23.46	Pass
21375	15	16QAM	36	19	0	33	23.48	Pass
21375	15	16QAM	36	39	0	33	23.70	Pass
21375	15	16QAM	75	0	0	33	23.80	Pass
20850	20	QPSK	1	0	0	33	22.94	Pass
20850	20	QPSK	1	49	0	33	22.32	Pass
20850	20	QPSK	1	99	0	33	22.37	Pass
20850	20	QPSK	50	0	0	33	21.32	Pass
20850	20	QPSK	50	25	0	33	21.33	Pass
20850	20	QPSK	50	50	0	33	21.19	Pass
20850	20	QPSK	100	0	0	33	21.28	Pass
20850	20	16QAM	1	0	0	33	22.53	Pass
20850	20	16QAM	1	49	0	33	21.77	Pass
20850	20	16QAM	1	99	0	33	21.94	Pass
20850	20	16QAM	50	0	0	33	22.57	Pass
20850	20	16QAM	50	25	0	33	22.55	Pass
20850	20	16QAM	50	50	0	33	22.53	Pass
20850	20	16QAM	100	0	0	33	22.52	Pass
21100	20	QPSK	1	0	0	33	23.07	Pass
21100	20	QPSK	1	49	0	33	23.96	Pass
21100	20	QPSK	1	99	0	33	22.78	Pass
21100	20	QPSK	50	0	0	33	23.03	Pass

UL Channel	Bandwidth (MHz)	UL Modulation	UL RB Number	UL RB Position	Lower Limit (dBm)	Upper Limit (dBm)	Measured (dBm)	Verdict
21100	20	QPSK	50	25	0	33	23.01	Pass
21100	20	QPSK	50	50	0	33	23	Pass
21100	20	QPSK	100	0	0	33	22.99	Pass
21100	20	16QAM	1	0	0	33	23.38	Pass
21100	20	16QAM	1	49	0	33	23.64	Pass
21100	20	16QAM	1	99	0	33	23.19	Pass
21100	20	16QAM	50	0	0	33	22.61	Pass
21100	20	16QAM	50	25	0	33	22.60	Pass
21100	20	16QAM	50	50	0	33	23.59	Pass
21100	20	16QAM	100	0	0	33	23.41	Pass
21350	20	QPSK	1	0	0	33	21.83	Pass
21350	20	QPSK	1	49	0	33	21.72	Pass
21350	20	QPSK	1	99	0	33	22.3	Pass
21350	20	QPSK	50	0	0	33	21.68	Pass
21350	20	QPSK	50	25	0	33	21.66	Pass
21350	20	QPSK	50	50	0	33	23.85	Pass
21350	20	QPSK	100	0	0	33	23.30	Pass
21350	20	16QAM	1	0	0	33	23.10	Pass
21350	20	16QAM	1	49	0	33	23.37	Pass
21350	20	16QAM	1	99	0	33	22.83	Pass
21350	20	16QAM	50	0	0	33	23.07	Pass
21350	20	16QAM	50	25	0	33	23.18	Pass
21350	20	16QAM	50	50	0	33	23.34	Pass
21350	20	16QAM	100	0	0	33	23.32	Pass

END