

Appendix for LTE BAND 7

Product Name: Mobile Phone

Model No: VISION

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	21.13	PASS
Band7	5MHz	16QAM	20775	1RB#0	20.25	PASS
Band7	5MHz	QPSK	20775	1RB#12	21.29	PASS
Band7	5MHz	16QAM	20775	1RB#12	20.28	PASS
Band7	5MHz	QPSK	20775	1RB#24	21.35	PASS
Band7	5MHz	16QAM	20775	1RB#24	20.46	PASS
Band7	5MHz	QPSK	20775	12RB#0	20.34	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.61	PASS
Band7	5MHz	QPSK	20775	12RB#6	20.35	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.61	PASS
Band7	5MHz	QPSK	20775	12RB#13	20.42	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.57	PASS
Band7	5MHz	QPSK	20775	25RB#0	20.39	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.67	PASS
Band7	5MHz	QPSK	21100	1RB#0	21.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	20.58	PASS
Band7	5MHz	QPSK	21100	1RB#12	21.12	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.06	PASS
Band7	5MHz	QPSK	21100	1RB#24	21.21	PASS
Band7	5MHz	16QAM	21100	1RB#24	20.51	PASS
Band7	5MHz	QPSK	21100	12RB#0	20.36	PASS
Band7	5MHz	16QAM	21100	12RB#0	19.45	PASS
Band7	5MHz	QPSK	21100	12RB#6	20.35	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.47	PASS
Band7	5MHz	QPSK	21100	12RB#13	20.38	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.45	PASS
Band7	5MHz	QPSK	21100	25RB#0	20.36	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.51	PASS
Band7	5MHz	QPSK	21425	1RB#0	21.15	PASS
Band7	5MHz	16QAM	21425	1RB#0	20.44	PASS
Band7	5MHz	QPSK	21425	1RB#12	21.26	PASS
Band7	5MHz	16QAM	21425	1RB#12	20.73	PASS
Band7	5MHz	QPSK	21425	1RB#24	21.36	PASS
Band7	5MHz	16QAM	21425	1RB#24	20.73	PASS
Band7	5MHz	QPSK	21425	12RB#0	20.40	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.56	PASS

Band7	5MHz	QPSK	21425	12RB#6	20.42	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.64	PASS
Band7	5MHz	QPSK	21425	12RB#13	20.54	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.60	PASS
Band7	5MHz	QPSK	21425	25RB#0	20.49	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.59	PASS
Band7	10MHz	QPSK	20800	1RB#0	21.06	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.03	PASS
Band7	10MHz	QPSK	20800	1RB#24	21.06	PASS
Band7	10MHz	16QAM	20800	1RB#24	20.99	PASS
Band7	10MHz	QPSK	20800	1RB#49	21.12	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.08	PASS
Band7	10MHz	QPSK	20800	25RB#0	20.33	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.57	PASS
Band7	10MHz	QPSK	20800	25RB#12	20.34	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.56	PASS
Band7	10MHz	QPSK	20800	25RB#25	20.44	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.60	PASS
Band7	10MHz	QPSK	20800	50RB#0	20.32	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.66	PASS
Band7	10MHz	QPSK	21100	1RB#0	21.08	PASS
Band7	10MHz	16QAM	21100	1RB#0	20.83	PASS
Band7	10MHz	QPSK	21100	1RB#24	21.05	PASS
Band7	10MHz	16QAM	21100	1RB#24	20.76	PASS
Band7	10MHz	QPSK	21100	1RB#49	21.02	PASS
Band7	10MHz	16QAM	21100	1RB#49	20.76	PASS
Band7	10MHz	QPSK	21100	25RB#0	20.42	PASS
Band7	10MHz	16QAM	21100	25RB#0	19.58	PASS
Band7	10MHz	QPSK	21100	25RB#12	20.45	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.67	PASS
Band7	10MHz	QPSK	21100	25RB#25	20.39	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.59	PASS
Band7	10MHz	QPSK	21100	50RB#0	20.28	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.48	PASS
Band7	10MHz	QPSK	21400	1RB#0	21.10	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.57	PASS
Band7	10MHz	QPSK	21400	1RB#24	21.05	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.62	PASS
Band7	10MHz	QPSK	21400	1RB#49	21.19	PASS
Band7	10MHz	16QAM	21400	1RB#49	20.88	PASS
Band7	10MHz	QPSK	21400	25RB#0	20.42	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.69	PASS

Band7	10MHz	QPSK	21400	25RB#12	20.33	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.71	PASS
Band7	10MHz	QPSK	21400	25RB#25	20.36	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.68	PASS
Band7	10MHz	QPSK	21400	50RB#0	20.52	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.71	PASS
Band7	15MHz	QPSK	20825	1RB#0	21.08	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.10	PASS
Band7	15MHz	QPSK	20825	1RB#38	21.03	PASS
Band7	15MHz	16QAM	20825	1RB#38	20.64	PASS
Band7	15MHz	QPSK	20825	1RB#74	20.99	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.08	PASS
Band7	15MHz	QPSK	20825	38RB#0	20.39	PASS
Band7	15MHz	16QAM	20825	38RB#0	20.45	PASS
Band7	15MHz	QPSK	20825	38RB#18	20.42	PASS
Band7	15MHz	16QAM	20825	38RB#18	20.42	PASS
Band7	15MHz	QPSK	20825	38RB#37	20.42	PASS
Band7	15MHz	16QAM	20825	38RB#37	20.42	PASS
Band7	15MHz	QPSK	20825	75RB#0	20.42	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.55	PASS
Band7	15MHz	QPSK	21100	1RB#0	20.76	PASS
Band7	15MHz	16QAM	21100	1RB#0	20.85	PASS
Band7	15MHz	QPSK	21100	1RB#38	20.83	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.21	PASS
Band7	15MHz	QPSK	21100	1RB#74	20.63	PASS
Band7	15MHz	16QAM	21100	1RB#74	20.72	PASS
Band7	15MHz	QPSK	21100	38RB#0	20.32	PASS
Band7	15MHz	16QAM	21100	38RB#0	20.32	PASS
Band7	15MHz	QPSK	21100	38RB#18	20.32	PASS
Band7	15MHz	16QAM	21100	38RB#18	20.32	PASS
Band7	15MHz	QPSK	21100	38RB#37	20.31	PASS
Band7	15MHz	16QAM	21100	38RB#37	20.32	PASS
Band7	15MHz	QPSK	21100	75RB#0	20.32	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.56	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.02	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.07	PASS
Band7	15MHz	QPSK	21375	1RB#38	21.08	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.64	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.03	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.65	PASS
Band7	15MHz	QPSK	21375	38RB#0	20.50	PASS
Band7	15MHz	16QAM	21375	38RB#0	20.39	PASS

Band7	15MHz	QPSK	21375	38RB#18	20.40	PASS
Band7	15MHz	16QAM	21375	38RB#18	20.40	PASS
Band7	15MHz	QPSK	21375	38RB#37	20.40	PASS
Band7	15MHz	16QAM	21375	38RB#37	20.40	PASS
Band7	15MHz	QPSK	21375	75RB#0	20.41	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.60	PASS
Band7	20MHz	QPSK	20850	1RB#0	21.28	PASS
Band7	20MHz	16QAM	20850	1RB#0	20.73	PASS
Band7	20MHz	QPSK	20850	1RB#49	21.13	PASS
Band7	20MHz	16QAM	20850	1RB#49	20.44	PASS
Band7	20MHz	QPSK	20850	1RB#99	21.11	PASS
Band7	20MHz	16QAM	20850	1RB#99	20.41	PASS
Band7	20MHz	QPSK	20850	50RB#0	20.36	PASS
Band7	20MHz	16QAM	20850	50RB#0	19.70	PASS
Band7	20MHz	QPSK	20850	50RB#25	20.37	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.70	PASS
Band7	20MHz	QPSK	20850	50RB#50	20.31	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.71	PASS
Band7	20MHz	QPSK	20850	100RB#0	20.33	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.58	PASS
Band7	20MHz	QPSK	21100	1RB#0	21.18	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.52	PASS
Band7	20MHz	QPSK	21100	1RB#49	21.05	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.37	PASS
Band7	20MHz	QPSK	21100	1RB#99	21.17	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.42	PASS
Band7	20MHz	QPSK	21100	50RB#0	20.33	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.54	PASS
Band7	20MHz	QPSK	21100	50RB#25	20.40	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.57	PASS
Band7	20MHz	QPSK	21100	50RB#50	20.32	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.48	PASS
Band7	20MHz	QPSK	21100	100RB#0	20.34	PASS
Band7	20MHz	16QAM	21100	100RB#0	19.47	PASS
Band7	20MHz	QPSK	21350	1RB#0	21.22	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.83	PASS
Band7	20MHz	QPSK	21350	1RB#49	21.14	PASS
Band7	20MHz	16QAM	21350	1RB#49	20.90	PASS
Band7	20MHz	QPSK	21350	1RB#99	21.24	PASS
Band7	20MHz	16QAM	21350	1RB#99	20.87	PASS
Band7	20MHz	QPSK	21350	50RB#0	20.50	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.62	PASS

Band7	20MHz	QPSK	21350	50RB#25	20.37	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.60	PASS
Band7	20MHz	QPSK	21350	50RB#50	20.32	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.68	PASS
Band7	20MHz	QPSK	21350	100RB#0	20.33	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.49	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	6.09	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	6.43	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	6.00	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.70	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	6.06	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	6.38	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	6.03	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.70	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	6.00	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	6.35	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	6.03	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.70	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	5.94	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	6.84	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.97	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.70	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	5.88	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	6.81	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.88	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.61	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	5.88	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	6.75	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.86	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.58	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	5.94	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	6.84	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	6.26	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.75	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	5.91	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	6.81	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	6.23	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.70	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	5.88	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	6.78	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	6.17	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.70	13	PASS

Band7	20MHz	QPSK	20850	1RB#0	5.71	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	6.23	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.83	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.67	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	5.74	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	6.26	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.88	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.70	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	6.06	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	6.81	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.94	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.70	13	PASS

Test Graphs



