

Appendix for LTE BAND 38

Product Name: Mobile Phone

Model No: VISION

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	21.68	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.86	PASS
Band38	5MHz	QPSK	37775	1RB#12	21.80	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.98	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.71	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.85	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.83	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.84	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.81	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.84	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.83	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.90	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.89	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.86	PASS
Band38	5MHz	QPSK	38000	1RB#0	21.83	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.90	PASS
Band38	5MHz	QPSK	38000	1RB#12	21.92	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.96	PASS
Band38	5MHz	QPSK	38000	1RB#24	21.77	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.81	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.83	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.75	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.87	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.76	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.82	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.75	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.85	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.82	PASS
Band38	5MHz	QPSK	38225	1RB#0	21.67	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.09	PASS
Band38	5MHz	QPSK	38225	1RB#12	21.74	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.19	PASS
Band38	5MHz	QPSK	38225	1RB#24	21.59	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.03	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.82	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.75	PASS

Band38	5MHz	QPSK	38225	12RB#6	21.77	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.71	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.72	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.70	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.81	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.79	PASS
Band38	10MHz	QPSK	37800	1RB#0	21.86	PASS
Band38	10MHz	16QAM	37800	1RB#0	21.08	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.07	PASS
Band38	10MHz	16QAM	37800	1RB#24	21.28	PASS
Band38	10MHz	QPSK	37800	1RB#49	21.83	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.09	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.88	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.94	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.84	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.99	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.96	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.05	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.93	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.95	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.89	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.60	PASS
Band38	10MHz	QPSK	38000	1RB#24	21.06	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.78	PASS
Band38	10MHz	QPSK	38000	1RB#49	21.80	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.44	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.86	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.85	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.87	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.87	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.81	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.80	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.85	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.87	PASS
Band38	10MHz	QPSK	38200	1RB#0	21.88	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.84	PASS
Band38	10MHz	QPSK	38200	1RB#24	21.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.91	PASS
Band38	10MHz	QPSK	38200	1RB#49	21.74	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.66	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.91	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.91	PASS

Band38	10MHz	QPSK	38200	25RB#12	21.91	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.92	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.76	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.76	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.83	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.84	PASS
Band38	15MHz	QPSK	37825	1RB#0	21.86	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.08	PASS
Band38	15MHz	QPSK	37825	1RB#38	21.97	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.19	PASS
Band38	15MHz	QPSK	37825	1RB#74	21.78	PASS
Band38	15MHz	16QAM	37825	1RB#74	21.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	21.95	PASS
Band38	15MHz	16QAM	37825	38RB#0	21.95	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.89	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.93	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.93	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.93	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.94	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.94	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.99	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.74	PASS
Band38	15MHz	QPSK	38000	1RB#38	21.94	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.79	PASS
Band38	15MHz	QPSK	38000	1RB#74	21.72	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.56	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.85	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.83	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.83	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.85	PASS
Band38	15MHz	QPSK	38000	38RB#37	21.84	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.88	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.83	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.85	PASS
Band38	15MHz	QPSK	38175	1RB#0	21.84	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.81	PASS
Band38	15MHz	QPSK	38175	1RB#38	21.85	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.83	PASS
Band38	15MHz	QPSK	38175	1RB#74	21.63	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.59	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.82	PASS
Band38	15MHz	16QAM	38175	38RB#0	21.77	PASS

Band38	15MHz	QPSK	38175	38RB#18	21.83	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.82	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.77	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.83	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.81	PASS
Band38	15MHz	16QAM	38175	75RB#0	22.81	PASS
Band38	20MHz	QPSK	37850	1RB#0	21.69	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.80	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.13	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.13	PASS
Band38	20MHz	QPSK	37850	1RB#99	21.60	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.67	PASS
Band38	20MHz	QPSK	37850	50RB#0	21.87	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.89	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.90	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.89	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.94	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.99	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.93	PASS
Band38	20MHz	16QAM	37850	100RB#0	22.94	PASS
Band38	20MHz	QPSK	38000	1RB#0	21.68	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.33	PASS
Band38	20MHz	QPSK	38000	1RB#49	21.97	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.57	PASS
Band38	20MHz	QPSK	38000	1RB#99	21.47	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.09	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.93	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.97	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.88	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.97	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.76	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.97	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.85	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.85	PASS
Band38	20MHz	QPSK	38150	1RB#0	21.70	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.43	PASS
Band38	20MHz	QPSK	38150	1RB#49	21.97	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.69	PASS
Band38	20MHz	QPSK	38150	1RB#99	22.46	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.18	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.92	PASS
Band38	20MHz	16QAM	38150	50RB#0	22.88	PASS

Band38	20MHz	QPSK	38150	50RB#25	21.86	PASS
Band38	20MHz	16QAM	38150	50RB#25	22.91	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.68	PASS
Band38	20MHz	16QAM	38150	50RB#50	22.65	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.78	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.80	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	9.83	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	10.14	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	9.68	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	10.26	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	9.54	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	9.77	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	9.59	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	10.12	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	9.74	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	10.09	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	9.62	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	10.20	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	9.65	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	10.14	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.54	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	10.23	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	9.57	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	10.35	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.39	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	10.12	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	9.59	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	10.09	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.48	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	10.17	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	9.65	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	10.09	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	9.94	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	10.43	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	9.59	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	10.49	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	9.80	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	10.23	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	9.68	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	10.12	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	9.88	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	10.35	13	PASS

Band38	20MHz	QPSK	37850	1RB#0	8.96	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	9.83	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	9.36	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	10.17	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	9.30	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	10.35	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	9.39	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	10.09	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	8.99	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	9.83	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	9.33	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	10.12	13	PASS

Test Graphs



