

Appendix for LTE Band 7

Product Name: Kipy Watch Plus

Model No: KIPY_PLUS

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.10	PASS
Band7	5MHz	QPSK	20775	1RB#12	21.82	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.09	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.68	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.77	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.79	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.77	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.92	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.93	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.98	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.68	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.78	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.81	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.76	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.04	PASS
Band7	5MHz	QPSK	21100	1RB#12	21.39	PASS
Band7	5MHz	QPSK	21100	1RB#24	21.54	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.40	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.36	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.31	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.23	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.62	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.42	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.39	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.42	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.36	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.27	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.23	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.11	PASS
Band7	5MHz	QPSK	21425	1RB#12	21.81	PASS
Band7	5MHz	QPSK	21425	1RB#24	21.24	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.68	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.67	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.26	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.44	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.00	PASS

Band7	5MHz	16QAM	21425	1RB#12	21.86	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.15	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.70	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.65	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.26	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.39	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.23	PASS
Band7	10MHz	QPSK	20800	1RB#24	21.94	PASS
Band7	10MHz	QPSK	20800	1RB#49	21.80	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.81	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.75	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.74	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.69	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.99	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.84	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.78	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.72	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.69	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.71	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.74	PASS
Band7	10MHz	QPSK	21100	1RB#0	21.60	PASS
Band7	10MHz	QPSK	21100	1RB#24	21.30	PASS
Band7	10MHz	QPSK	21100	1RB#49	21.47	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.22	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.21	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.15	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.10	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.36	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.44	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.24	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.26	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.19	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.17	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.02	PASS
Band7	10MHz	QPSK	21400	1RB#24	21.67	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.01	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.62	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.71	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.81	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.61	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.45	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.79	PASS

Band7	10MHz	16QAM	21400	1RB#49	21.77	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.44	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.70	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.79	PASS
Band7	15MHz	QPSK	20825	1RB#0	21.82	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.46	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.89	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.50	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.45	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.59	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.34	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.73	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.40	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.85	PASS
Band7	15MHz	16QAM	20825	38RB#0	22.49	PASS
Band7	15MHz	16QAM	20825	38RB#37	22.36	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.41	PASS
Band7	15MHz	QPSK	21100	1RB#38	21.79	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.65	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.37	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.44	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.20	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.64	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.10	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.72	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.54	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.39	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.73	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.27	PASS
Band7	15MHz	QPSK	21375	1RB#38	21.55	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.96	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.56	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.66	PASS
Band7	15MHz	QPSK	21375	38RB#37	21.94	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.57	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.74	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.45	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.92	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.59	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.55	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.10	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.64	PASS

Band7	20MHz	QPSK	20850	1RB#99	22.70	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.13	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.91	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.07	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.76	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.80	PASS
Band7	20MHz	16QAM	20850	50RB#0	22.09	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.67	PASS
Band7	20MHz	QPSK	21100	1RB#49	21.85	PASS
Band7	20MHz	QPSK	21100	1RB#99	21.82	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.71	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.23	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.25	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.87	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.66	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.34	PASS
Band7	20MHz	QPSK	21350	1RB#49	21.77	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.07	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.57	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.19	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.71	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.64	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.94	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	5.16	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.22	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.36	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.65	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	5.45	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.51	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.83	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.06	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.78	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.13	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.16	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.59	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	5.07	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.25	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.62	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	5.42	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.54	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	6.32	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	5.10	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.19	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.91	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	5.10	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.36	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.59	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	5.45	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.77	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	6.00	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	5.13	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.48	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	6.03	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	5.28	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.25	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.74	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	5.48	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.48	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.97	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	5.33	13	PASS

Band7	20MHz	QPSK	21350	100RB#0	5.25	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.86	13	PASS

Test Graphs



