

Appendix for LTE Band 2

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
Band2	1.4MHz	QPSK	18607	1RB#0	22.94	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.11	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.11	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.18	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.30	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.20	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	23.30	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.85	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23.12	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	23.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	23.03	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	23.19	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	23.04	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	22.33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.91	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.85	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.77	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.82	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.85	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.83	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.90	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.67	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.91	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.59	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.62	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.72	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.60	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.67	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	21.46	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	21.70	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	21.87	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	21.68	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	21.74	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	21.84	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.77	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.20	PASS

Band2	1.4MHz	16QAM	19193	1RB#2	21.79	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.59	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.42	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	21.53	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	21.60	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.51	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.49	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.37	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.26	PASS
Band2	3MHz	QPSK	18615	8RB#0	23.47	PASS
Band2	3MHz	QPSK	18615	8RB#4	23.35	PASS
Band2	3MHz	QPSK	18615	8RB#7	23.34	PASS
Band2	3MHz	QPSK	18615	15RB#0	23.27	PASS
Band2	3MHz	16QAM	18615	1RB#0	23.43	PASS
Band2	3MHz	16QAM	18615	1RB#8	23.36	PASS
Band2	3MHz	16QAM	18615	1RB#14	23.23	PASS
Band2	3MHz	16QAM	18615	8RB#0	22.49	PASS
Band2	3MHz	16QAM	18615	8RB#4	22.28	PASS
Band2	3MHz	16QAM	18615	8RB#7	22.20	PASS
Band2	3MHz	16QAM	18615	15RB#0	22.20	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.08	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.93	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.74	PASS
Band2	3MHz	QPSK	18900	8RB#0	23.02	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.91	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.92	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.93	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.64	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.81	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.51	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.86	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.79	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.78	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.77	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.29	PASS
Band2	3MHz	QPSK	19185	1RB#8	21.73	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	21.66	PASS
Band2	3MHz	QPSK	19185	8RB#4	21.69	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.90	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.71	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.19	PASS

Band2	3MHz	16QAM	19185	1RB#8	21.60	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.92	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.11	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.63	PASS
Band2	3MHz	16QAM	19185	8RB#7	20.82	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.80	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.28	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.34	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.65	PASS
Band2	5MHz	QPSK	18625	12RB#0	23.51	PASS
Band2	5MHz	QPSK	18625	12RB#6	23.39	PASS
Band2	5MHz	QPSK	18625	12RB#13	23.42	PASS
Band2	5MHz	QPSK	18625	25RB#0	23.36	PASS
Band2	5MHz	16QAM	18625	1RB#0	23.68	PASS
Band2	5MHz	16QAM	18625	1RB#12	23.25	PASS
Band2	5MHz	16QAM	18625	1RB#24	23.60	PASS
Band2	5MHz	16QAM	18625	12RB#0	22.44	PASS
Band2	5MHz	16QAM	18625	12RB#6	22.33	PASS
Band2	5MHz	16QAM	18625	12RB#13	22.27	PASS
Band2	5MHz	16QAM	18625	25RB#0	22.24	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.27	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.10	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.19	PASS
Band2	5MHz	QPSK	18900	12RB#0	23.12	PASS
Band2	5MHz	QPSK	18900	12RB#6	23.14	PASS
Band2	5MHz	QPSK	18900	12RB#13	23.02	PASS
Band2	5MHz	QPSK	18900	25RB#0	23.09	PASS
Band2	5MHz	16QAM	18900	1RB#0	23.31	PASS
Band2	5MHz	16QAM	18900	1RB#12	23.15	PASS
Band2	5MHz	16QAM	18900	1RB#24	23.25	PASS
Band2	5MHz	16QAM	18900	12RB#0	22.07	PASS
Band2	5MHz	16QAM	18900	12RB#6	22.07	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.94	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.93	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.17	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.28	PASS
Band2	5MHz	QPSK	19175	1RB#24	21.88	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.65	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.34	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.58	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.19	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.96	PASS

Band2	5MHz	16QAM	19175	1RB#12	22.19	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.85	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.63	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.35	PASS
Band2	5MHz	16QAM	19175	12RB#13	20.78	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.28	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.70	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.55	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.63	PASS
Band2	10MHz	QPSK	18650	25RB#0	23.18	PASS
Band2	10MHz	QPSK	18650	25RB#12	23.39	PASS
Band2	10MHz	QPSK	18650	25RB#25	23.41	PASS
Band2	10MHz	QPSK	18650	50RB#0	23.32	PASS
Band2	10MHz	16QAM	18650	1RB#0	23.64	PASS
Band2	10MHz	16QAM	18650	1RB#24	23.45	PASS
Band2	10MHz	16QAM	18650	1RB#49	23.29	PASS
Band2	10MHz	16QAM	18650	25RB#0	22.08	PASS
Band2	10MHz	16QAM	18650	25RB#12	22.34	PASS
Band2	10MHz	16QAM	18650	25RB#25	22.29	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.89	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.92	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.89	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.84	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.90	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.81	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.87	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.79	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.83	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.90	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.73	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.77	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.65	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.56	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.64	PASS
Band2	10MHz	QPSK	19150	1RB#49	21.87	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.39	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.73	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.39	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.46	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.18	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.62	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.68	PASS

Band2	10MHz	16QAM	19150	25RB#0	21.32	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.74	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.31	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.38	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.35	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.04	PASS
Band2	15MHz	QPSK	18675	38RB#0	23.16	PASS
Band2	15MHz	QPSK	18675	38RB#18	23.36	PASS
Band2	15MHz	QPSK	18675	38RB#37	22.68	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.74	PASS
Band2	15MHz	16QAM	18675	1RB#0	23.36	PASS
Band2	15MHz	16QAM	18675	1RB#38	23.25	PASS
Band2	15MHz	16QAM	18675	1RB#74	23.08	PASS
Band2	15MHz	16QAM	18675	38RB#0	23.16	PASS
Band2	15MHz	16QAM	18675	38RB#37	22.70	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.67	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.79	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.76	PASS
Band2	15MHz	QPSK	18900	38RB#0	22.83	PASS
Band2	15MHz	QPSK	18900	38RB#18	22.97	PASS
Band2	15MHz	QPSK	18900	38RB#37	22.60	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.52	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.67	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.74	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.83	PASS
Band2	15MHz	16QAM	18900	38RB#0	22.89	PASS
Band2	15MHz	16QAM	18900	38RB#37	22.55	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.59	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.35	PASS
Band2	15MHz	QPSK	19125	1RB#74	21.45	PASS
Band2	15MHz	QPSK	19125	38RB#0	22.50	PASS
Band2	15MHz	QPSK	19125	38RB#18	22.60	PASS
Band2	15MHz	QPSK	19125	38RB#37	22.23	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.29	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.55	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.29	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.60	PASS
Band2	15MHz	16QAM	19125	38RB#0	22.50	PASS
Band2	15MHz	16QAM	19125	38RB#37	22.19	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.23	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.84	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.98	PASS

Band2	20MHz	QPSK	18700	50RB#0	23.24	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.89	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.92	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.98	PASS
Band2	20MHz	16QAM	18700	1RB#0	23.15	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.27	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.89	PASS
Band2	20MHz	16QAM	18700	50RB#0	22.85	PASS
Band2	20MHz	16QAM	18700	50RB#25	22.93	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.03	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.94	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.93	PASS
Band2	20MHz	QPSK	18900	50RB#0	23.01	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.77	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.78	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.83	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.84	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.95	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.84	PASS
Band2	20MHz	16QAM	18900	50RB#25	22.75	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.83	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.42	PASS
Band2	20MHz	QPSK	19100	1RB#99	21.61	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.74	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.34	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.36	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.41	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.74	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.49	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.57	PASS
Band2	20MHz	16QAM	19100	50RB#0	22.48	PASS
Band2	20MHz	16QAM	19100	50RB#25	22.37	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	4.58	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	4.70	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	5.04	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.57	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	4.78	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	4.87	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	5.28	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	5.80	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	4.32	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.17	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	4.72	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.19	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	4.64	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	4.81	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	4.96	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.68	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	4.84	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	4.87	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	5.42	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	5.83	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	4.49	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	4.46	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	4.72	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.30	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	4.61	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.84	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	4.75	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.68	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	4.87	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.90	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	5.01	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	5.77	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	4.61	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.55	13	PASS
Band2	5MHz	16QAM	19175	1RB#0	4.75	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.45	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	4.96	13	PASS

Band2	10MHz	QPSK	18650	50RB#0	5.16	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	5.33	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	4.96	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.13	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	5.39	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	5.22	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.07	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	5.68	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	4.75	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.04	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	5.07	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	4.72	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.13	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	5.10	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	4.96	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.39	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	5.59	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	5.04	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.04	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	5.45	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	4.67	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.04	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	4.96	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	4.81	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.19	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	5.10	13	PASS

Test Graphs



