

FCC LTE Band Test Data

FCC ID : 2BL6E-KDC-LT31

Company: : Eyesun Technology Co.,Ltd

EUT : Kids Smart Watch

HVIN(Model) : KDC-LT31

Reviewed By : Eric Wang

Appendix A: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	24.00	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.95	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.97	PASS
Band13	5MHz	QPSK	23205	12RB#0	23.05	PASS
Band13	5MHz	QPSK	23205	12RB#6	23.04	PASS
Band13	5MHz	QPSK	23205	12RB#13	22.99	PASS
Band13	5MHz	QPSK	23205	25RB#0	23.11	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.60	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.89	PASS
Band13	5MHz	QPSK	23230	1RB#24	24.12	PASS
Band13	5MHz	QPSK	23230	12RB#0	22.80	PASS
Band13	5MHz	QPSK	23230	12RB#6	22.90	PASS
Band13	5MHz	QPSK	23230	12RB#13	22.93	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.87	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.89	PASS
Band13	5MHz	QPSK	23255	1RB#12	24.05	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.83	PASS
Band13	5MHz	QPSK	23255	12RB#0	22.92	PASS
Band13	5MHz	QPSK	23255	12RB#6	22.94	PASS
Band13	5MHz	QPSK	23255	12RB#13	22.89	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.99	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.66	PASS
Band13	5MHz	16QAM	23205	1RB#12	23.45	PASS
Band13	5MHz	16QAM	23205	1RB#24	23.07	PASS
Band13	5MHz	16QAM	23205	12RB#0	22.13	PASS
Band13	5MHz	16QAM	23205	12RB#6	22.12	PASS
Band13	5MHz	16QAM	23205	12RB#13	21.99	PASS
Band13	5MHz	16QAM	23205	25RB#0	22.21	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.72	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.90	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.84	PASS
Band13	5MHz	16QAM	23230	12RB#0	21.90	PASS
Band13	5MHz	16QAM	23230	12RB#6	21.81	PASS
Band13	5MHz	16QAM	23230	12RB#13	22.10	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.89	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.55	PASS

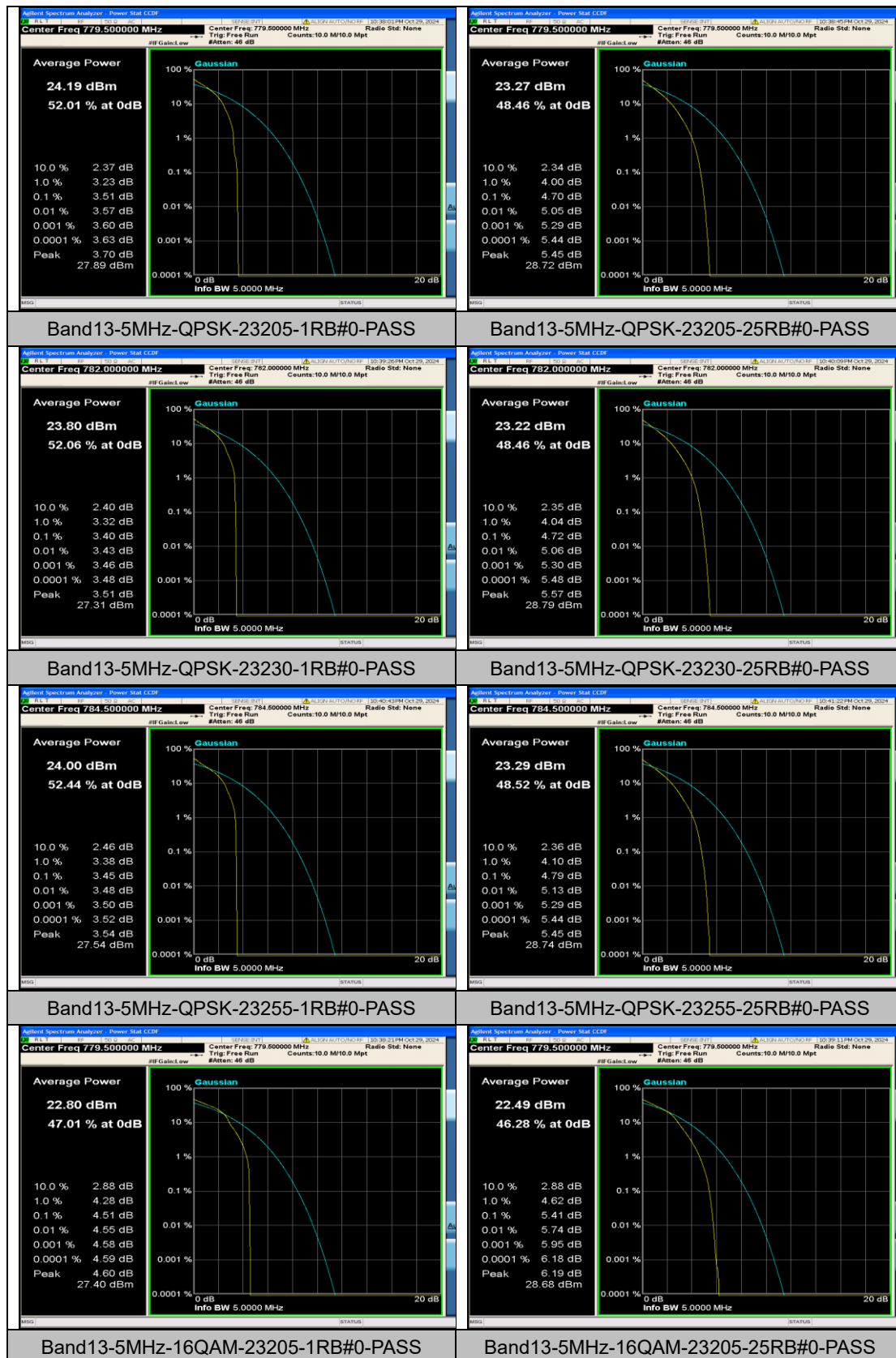
Band13	5MHz	16QAM	23255	1RB#12	22.95	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.52	PASS
Band13	5MHz	16QAM	23255	12RB#0	21.87	PASS
Band13	5MHz	16QAM	23255	12RB#6	21.87	PASS
Band13	5MHz	16QAM	23255	12RB#13	21.87	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.84	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.60	PASS
Band13	10MHz	QPSK	23230	1RB#24	24.05	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.57	PASS
Band13	10MHz	QPSK	23230	25RB#0	22.88	PASS
Band13	10MHz	QPSK	23230	25RB#12	22.65	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.93	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.87	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.58	PASS
Band13	10MHz	16QAM	23230	1RB#24	23.09	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.80	PASS
Band13	10MHz	16QAM	23230	25RB#0	22.03	PASS
Band13	10MHz	16QAM	23230	25RB#12	21.72	PASS
Band13	10MHz	16QAM	23230	25RB#25	21.90	PASS

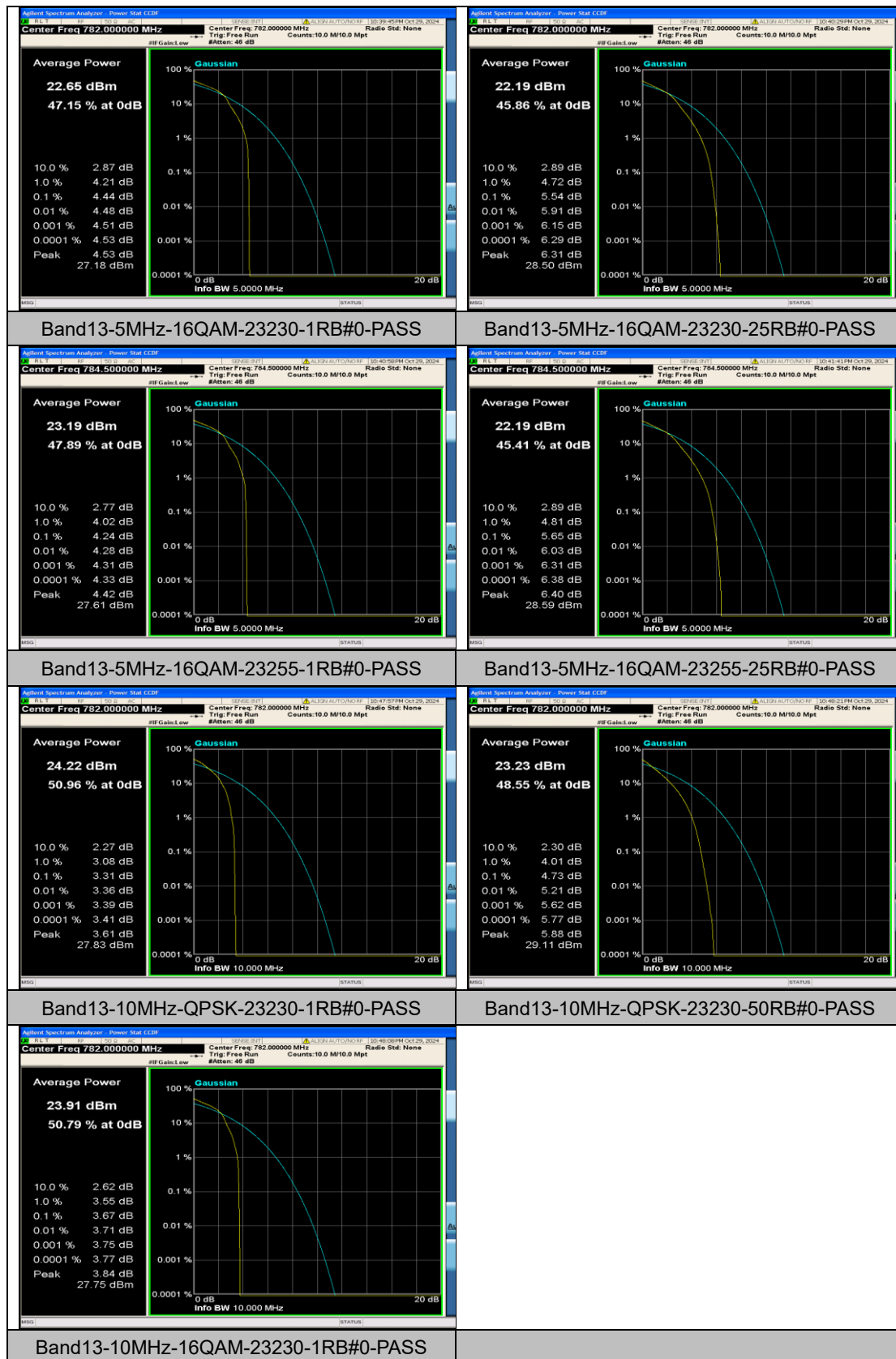
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	3.51	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	4.70	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	3.40	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.72	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	3.45	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.79	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	4.51	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	5.41	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	4.44	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.54	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	4.24	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	5.65	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	3.31	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	4.73	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	3.67	13	PASS

Test Graphs



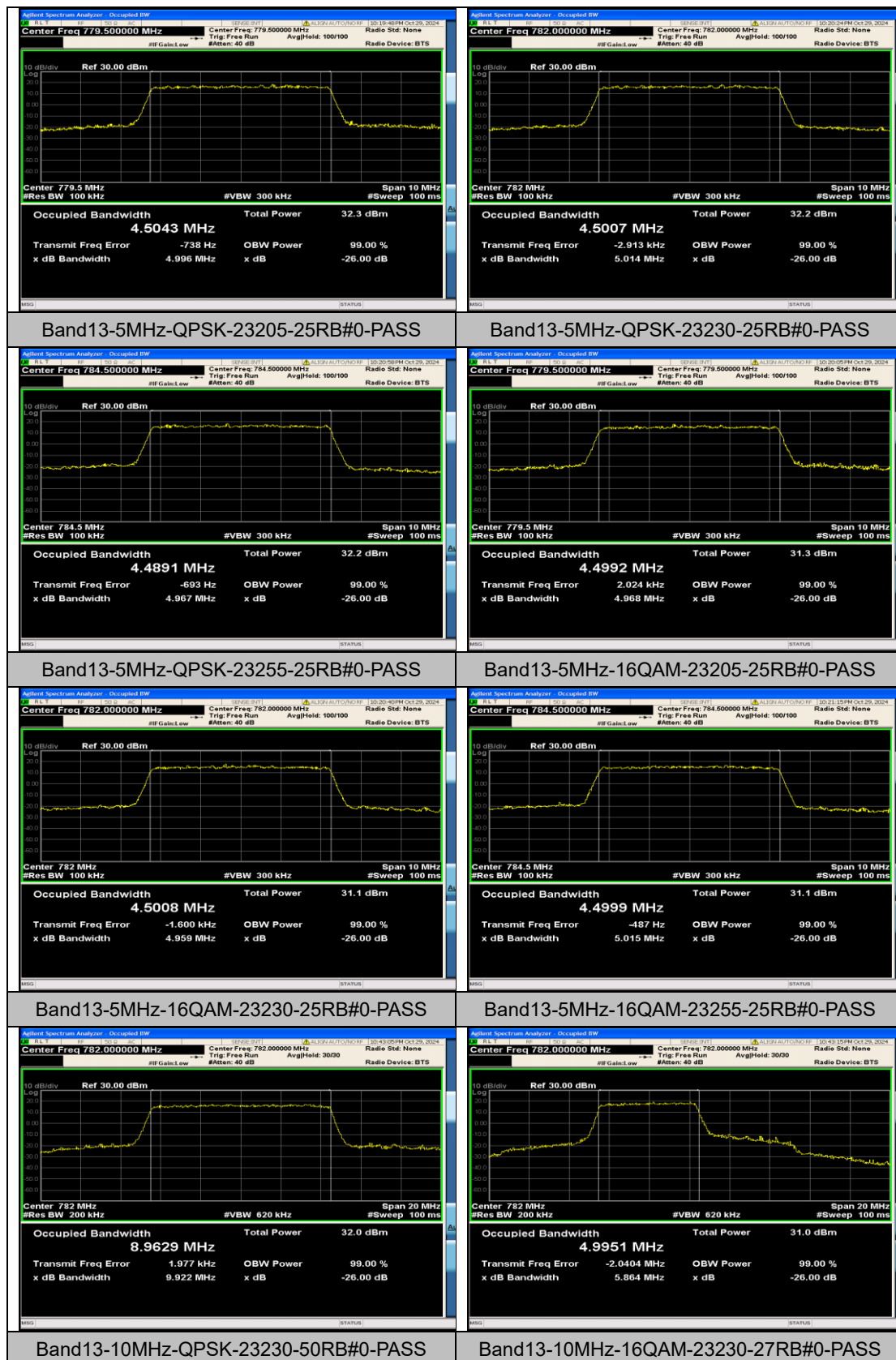


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5043	4.996	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5007	5.014	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4891	4.967	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4992	4.968	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5008	4.959	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4999	5.015	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9629	9.922	PASS
Band13	10MHz	16QAM	23230	27RB#0	4.9951	5.864	PASS

Test Graphs

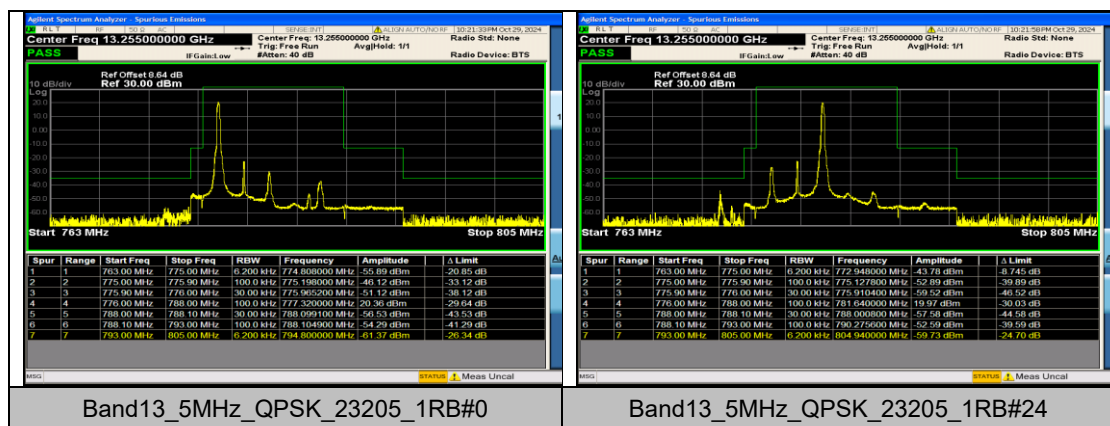


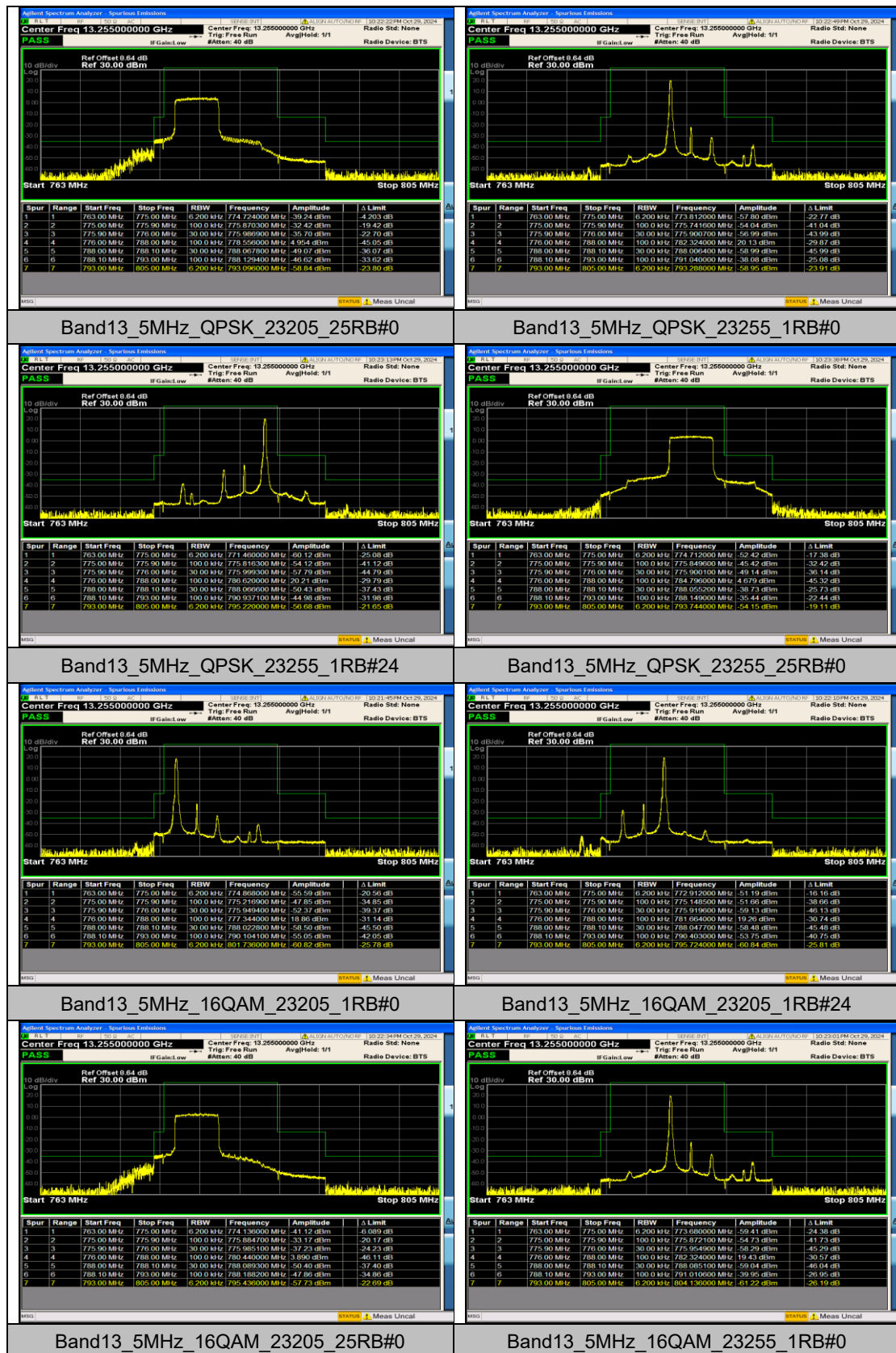
Appendix D: Band Edge

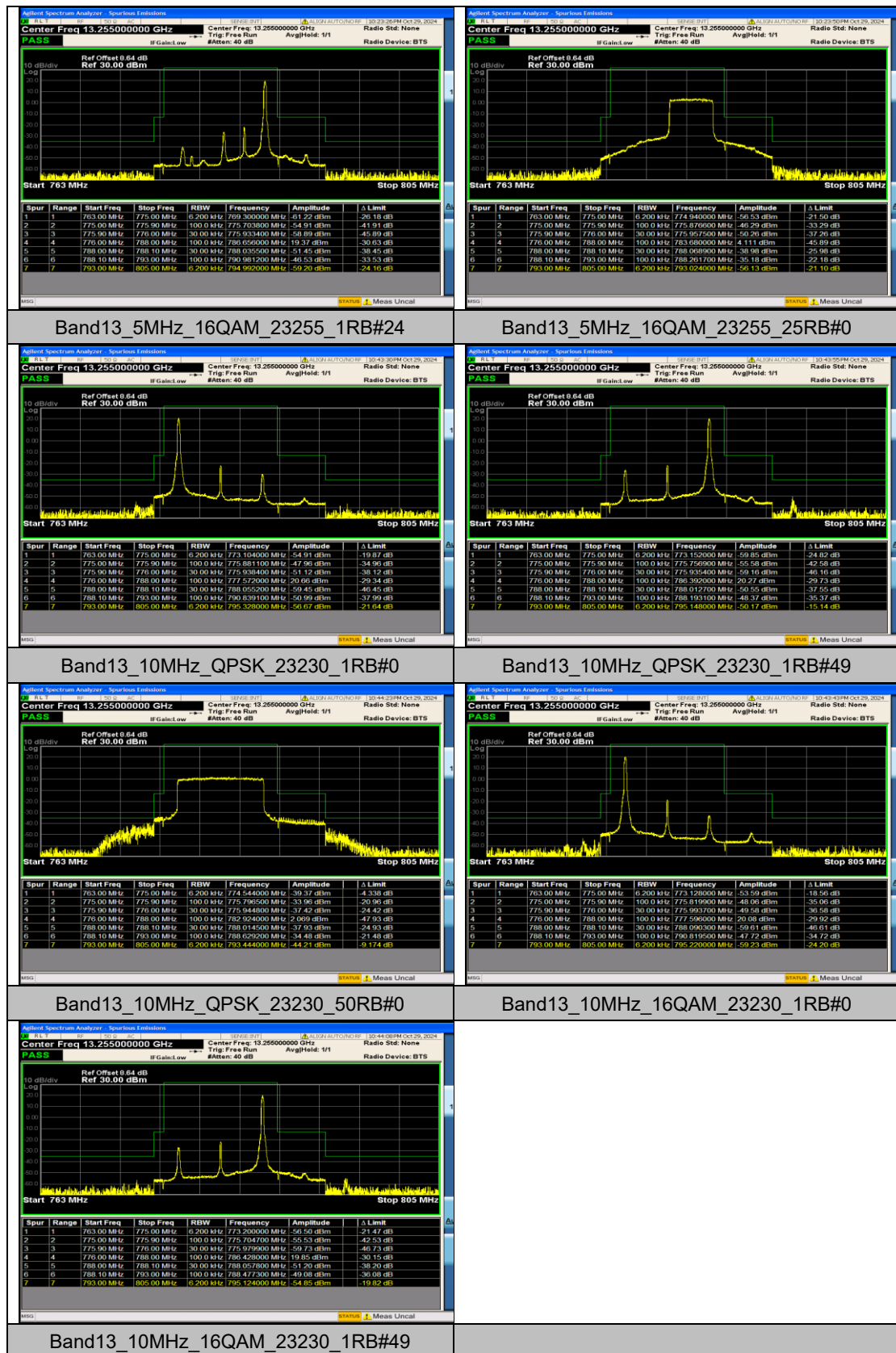
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-55.89	PASS
Band13	5MHz	QPSK	23205	1RB#24	-43.78	PASS
Band13	5MHz	QPSK	23205	25RB#0	-39.24	PASS
Band13	5MHz	QPSK	23255	1RB#0	-57.80	PASS
Band13	5MHz	QPSK	23255	1RB#24	-56.68	PASS
Band13	5MHz	QPSK	23255	25RB#0	-52.42	PASS
Band13	5MHz	16QAM	23205	1RB#0	-55.59	PASS
Band13	5MHz	16QAM	23205	1RB#24	-51.19	PASS
Band13	5MHz	16QAM	23205	25RB#0	-41.12	PASS
Band13	5MHz	16QAM	23255	1RB#0	-59.41	PASS
Band13	5MHz	16QAM	23255	1RB#24	-59.20	PASS
Band13	5MHz	16QAM	23255	25RB#0	-56.13	PASS
Band13	10MHz	QPSK	23230	1RB#0	-54.91	PASS
Band13	10MHz	QPSK	23230	1RB#49	-50.17	PASS
Band13	10MHz	QPSK	23230	50RB#0	-39.37	PASS
Band13	10MHz	16QAM	23230	1RB#0	-53.59	PASS
Band13	10MHz	16QAM	23230	1RB#49	-54.85	PASS

Test Graphs







Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	0.009~0.15	-47.70	PASS
Band13	5MHz	QPSK	23205	1RB#0	0.15~30	-53.58	PASS
Band13	5MHz	QPSK	23205	1RB#0	30~1000	-59.82	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~3000	-43.58	PASS
Band13	5MHz	QPSK	23205	1RB#0	3000~10000	-43.15	PASS
Band13	5MHz	QPSK	23205	1RB#24	0.009~0.15	-48.46	PASS
Band13	5MHz	QPSK	23205	1RB#24	0.15~30	-53.11	PASS
Band13	5MHz	QPSK	23205	1RB#24	30~1000	-58.66	PASS
Band13	5MHz	QPSK	23205	1RB#24	1000~3000	-42.97	PASS
Band13	5MHz	QPSK	23205	1RB#24	3000~10000	-43.59	PASS
Band13	5MHz	QPSK	23205	25RB#0	0.009~0.15	-47.92	PASS
Band13	5MHz	QPSK	23205	25RB#0	0.15~30	-52.64	PASS
Band13	5MHz	QPSK	23205	25RB#0	30~1000	-52.18	PASS
Band13	5MHz	QPSK	23205	25RB#0	1000~3000	-46.69	PASS
Band13	5MHz	QPSK	23205	25RB#0	3000~10000	-43.31	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.009~0.15	-46.25	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.15~30	-52.74	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	-60.29	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~3000	-42.91	PASS
Band13	5MHz	QPSK	23230	1RB#0	3000~10000	-43.77	PASS
Band13	5MHz	QPSK	23230	1RB#24	0.009~0.15	-48.71	PASS
Band13	5MHz	QPSK	23230	1RB#24	0.15~30	-53.55	PASS
Band13	5MHz	QPSK	23230	1RB#24	30~1000	-60.14	PASS
Band13	5MHz	QPSK	23230	1RB#24	1000~3000	-41.85	PASS
Band13	5MHz	QPSK	23230	1RB#24	3000~10000	-43.51	PASS
Band13	5MHz	QPSK	23230	25RB#0	0.009~0.15	-48.39	PASS
Band13	5MHz	QPSK	23230	25RB#0	0.15~30	-54.61	PASS
Band13	5MHz	QPSK	23230	25RB#0	30~1000	-52.39	PASS
Band13	5MHz	QPSK	23230	25RB#0	1000~3000	-46.52	PASS
Band13	5MHz	QPSK	23230	25RB#0	3000~10000	-43.44	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.009~0.15	-49.16	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.15~30	-53.69	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	-60.58	PASS
Band13	5MHz	QPSK	23255	1RB#0	1000~3000	-42.89	PASS
Band13	5MHz	QPSK	23255	1RB#0	3000~10000	-43.42	PASS
Band13	5MHz	QPSK	23255	1RB#24	0.009~0.15	-43.63	PASS

Band13	5MHz	QPSK	23255	1RB#24	0.15~30	-53.00	PASS
Band13	5MHz	QPSK	23255	1RB#24	30~1000	-61.02	PASS
Band13	5MHz	QPSK	23255	1RB#24	1000~3000	-43.12	PASS
Band13	5MHz	QPSK	23255	1RB#24	3000~10000	-43.30	PASS
Band13	5MHz	QPSK	23255	25RB#0	0.009~0.15	-47.72	PASS
Band13	5MHz	QPSK	23255	25RB#0	0.15~30	-54.85	PASS
Band13	5MHz	QPSK	23255	25RB#0	30~1000	-56.93	PASS
Band13	5MHz	QPSK	23255	25RB#0	1000~3000	-46.49	PASS
Band13	5MHz	QPSK	23255	25RB#0	3000~10000	-43.42	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.009~0.15	-49.86	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.15~30	-53.80	PASS
Band13	5MHz	16QAM	23205	1RB#0	30~1000	-59.94	PASS
Band13	5MHz	16QAM	23205	1RB#0	1000~3000	-44.21	PASS
Band13	5MHz	16QAM	23205	1RB#0	3000~10000	-43.37	PASS
Band13	5MHz	16QAM	23205	1RB#24	0.009~0.15	-46.03	PASS
Band13	5MHz	16QAM	23205	1RB#24	0.15~30	-52.43	PASS
Band13	5MHz	16QAM	23205	1RB#24	30~1000	-59.02	PASS
Band13	5MHz	16QAM	23205	1RB#24	1000~3000	-43.39	PASS
Band13	5MHz	16QAM	23205	1RB#24	3000~10000	-43.44	PASS
Band13	5MHz	16QAM	23205	25RB#0	0.009~0.15	-45.95	PASS
Band13	5MHz	16QAM	23205	25RB#0	0.15~30	-52.40	PASS
Band13	5MHz	16QAM	23205	25RB#0	30~1000	-55.06	PASS
Band13	5MHz	16QAM	23205	25RB#0	1000~3000	-46.19	PASS
Band13	5MHz	16QAM	23205	25RB#0	3000~10000	-43.28	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.009~0.15	-48.26	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.15~30	-51.74	PASS
Band13	5MHz	16QAM	23230	1RB#0	30~1000	-59.50	PASS
Band13	5MHz	16QAM	23230	1RB#0	1000~3000	-44.35	PASS
Band13	5MHz	16QAM	23230	1RB#0	3000~10000	-43.38	PASS
Band13	5MHz	16QAM	23230	1RB#24	0.009~0.15	-43.31	PASS
Band13	5MHz	16QAM	23230	1RB#24	0.15~30	-53.50	PASS
Band13	5MHz	16QAM	23230	1RB#24	30~1000	-59.61	PASS
Band13	5MHz	16QAM	23230	1RB#24	1000~3000	-43.08	PASS
Band13	5MHz	16QAM	23230	1RB#24	3000~10000	-43.07	PASS
Band13	5MHz	16QAM	23230	25RB#0	0.009~0.15	-51.81	PASS
Band13	5MHz	16QAM	23230	25RB#0	0.15~30	-52.75	PASS
Band13	5MHz	16QAM	23230	25RB#0	30~1000	-55.64	PASS
Band13	5MHz	16QAM	23230	25RB#0	1000~3000	-46.21	PASS
Band13	5MHz	16QAM	23230	25RB#0	3000~10000	-43.65	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.009~0.15	-49.28	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.15~30	-55.50	PASS
Band13	5MHz	16QAM	23255	1RB#0	30~1000	-60.03	PASS
Band13	5MHz	16QAM	23255	1RB#0	1000~3000	-44.13	PASS

Band13	5MHz	16QAM	23255	1RB#0	3000~10000	-43.25	PASS
Band13	5MHz	16QAM	23255	1RB#24	0.009~0.15	-47.11	PASS
Band13	5MHz	16QAM	23255	1RB#24	0.15~30	-54.77	PASS
Band13	5MHz	16QAM	23255	1RB#24	30~1000	-60.16	PASS
Band13	5MHz	16QAM	23255	1RB#24	1000~3000	-43.70	PASS
Band13	5MHz	16QAM	23255	1RB#24	3000~10000	-43.61	PASS
Band13	5MHz	16QAM	23255	25RB#0	0.009~0.15	-50.33	PASS
Band13	5MHz	16QAM	23255	25RB#0	0.15~30	-53.90	PASS
Band13	5MHz	16QAM	23255	25RB#0	30~1000	-57.89	PASS
Band13	5MHz	16QAM	23255	25RB#0	1000~3000	-46.54	PASS
Band13	5MHz	16QAM	23255	25RB#0	3000~10000	-43.63	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.009~0.15	-47.52	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.15~30	-52.86	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	-61.65	PASS
Band13	10MHz	QPSK	23230	1RB#0	1000~3000	-43.12	PASS
Band13	10MHz	QPSK	23230	1RB#0	3000~10000	-42.83	PASS
Band13	10MHz	QPSK	23230	1RB#49	0.009~0.15	-47.28	PASS
Band13	10MHz	QPSK	23230	1RB#49	0.15~30	-54.64	PASS
Band13	10MHz	QPSK	23230	1RB#49	30~1000	-61.63	PASS
Band13	10MHz	QPSK	23230	1RB#49	1000~3000	-42.54	PASS
Band13	10MHz	QPSK	23230	1RB#49	3000~10000	-42.84	PASS
Band13	10MHz	QPSK	23230	50RB#0	0.009~0.15	-47.94	PASS
Band13	10MHz	QPSK	23230	50RB#0	0.15~30	-51.63	PASS
Band13	10MHz	QPSK	23230	50RB#0	30~1000	-61.98	PASS
Band13	10MHz	QPSK	23230	50RB#0	1000~3000	-46.38	PASS
Band13	10MHz	QPSK	23230	50RB#0	3000~10000	-43.18	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.009~0.15	-48.07	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.15~30	-52.13	PASS
Band13	10MHz	16QAM	23230	1RB#0	30~1000	-61.81	PASS
Band13	10MHz	16QAM	23230	1RB#0	1000~3000	-41.97	PASS
Band13	10MHz	16QAM	23230	1RB#0	3000~10000	-43.44	PASS
Band13	10MHz	16QAM	23230	1RB#49	0.009~0.15	-47.01	PASS
Band13	10MHz	16QAM	23230	1RB#49	0.15~30	-53.44	PASS
Band13	10MHz	16QAM	23230	1RB#49	30~1000	-61.83	PASS
Band13	10MHz	16QAM	23230	1RB#49	1000~3000	-42.80	PASS
Band13	10MHz	16QAM	23230	1RB#49	3000~10000	-43.71	PASS

Test Graphs

