

Appendix RF Test Data for LTE Band 7

Company: : TOXMATE S.A.C.

EUT : Smart Watch

Model Number : T-TA0006

FCC ID : 2BSMP-T-TA0006

Report No. : CTA25081801009

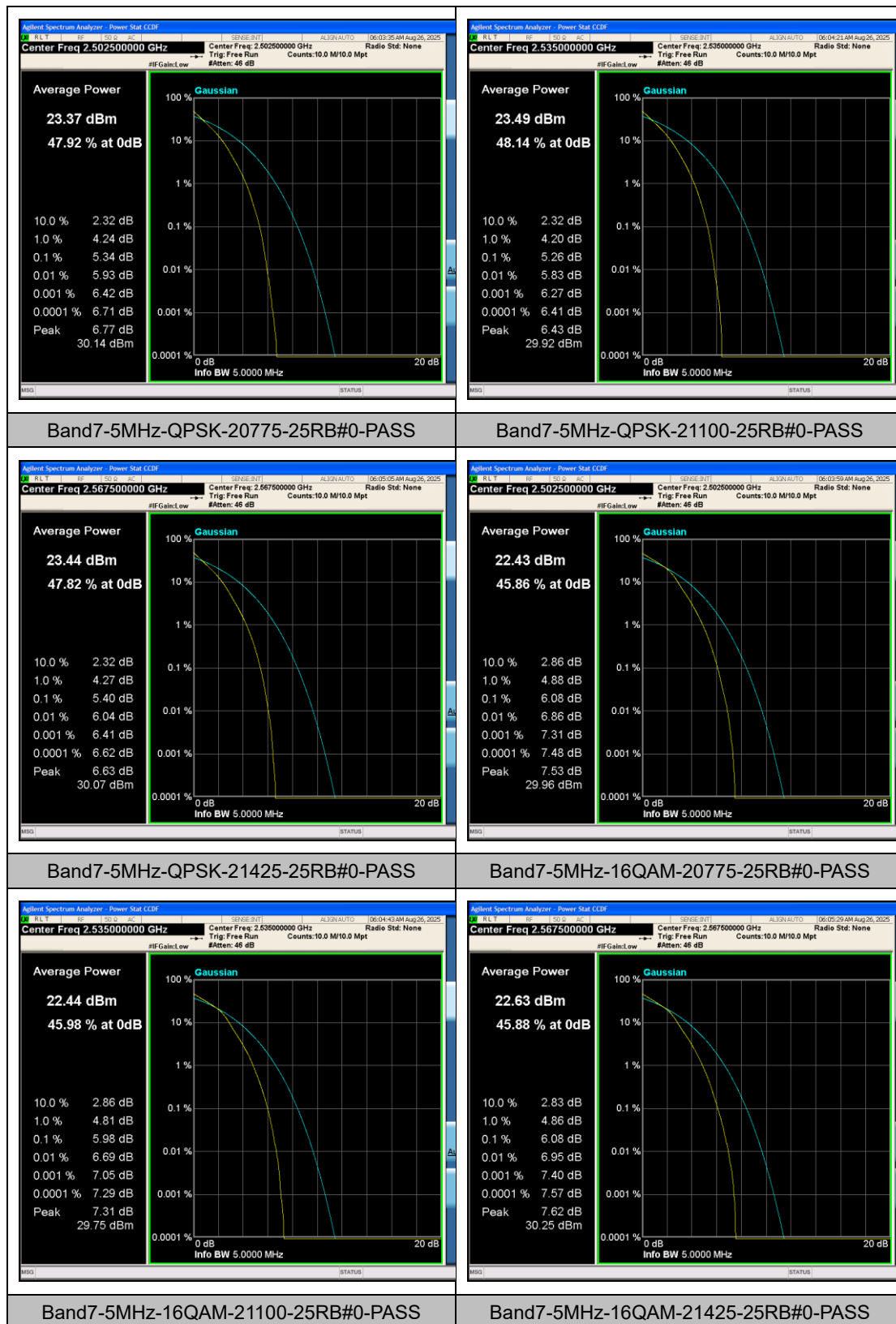
Reviewed By : Eric Wang

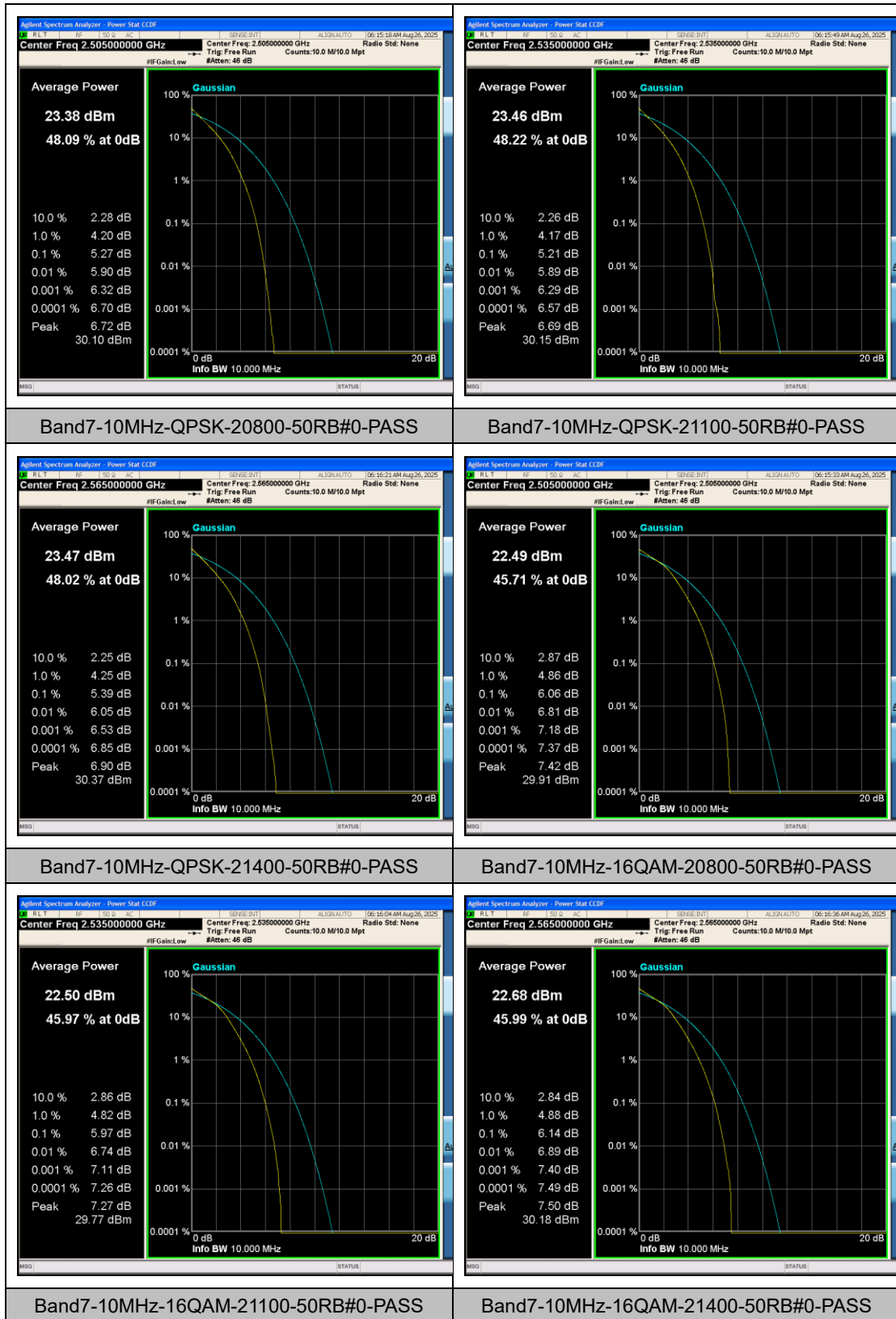
Appendix B: Peak-to-Average Ratio(CCDF)

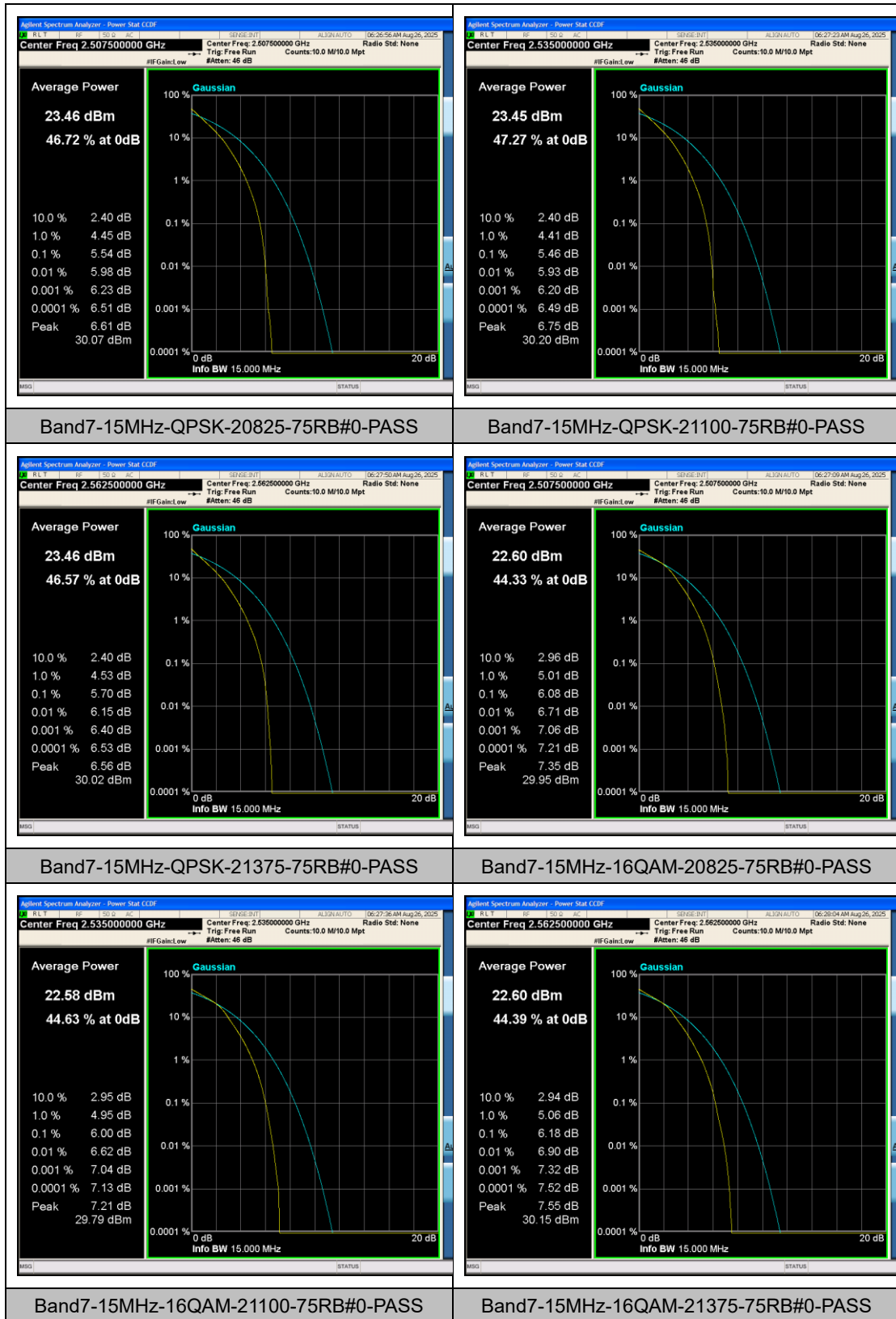
Test Result

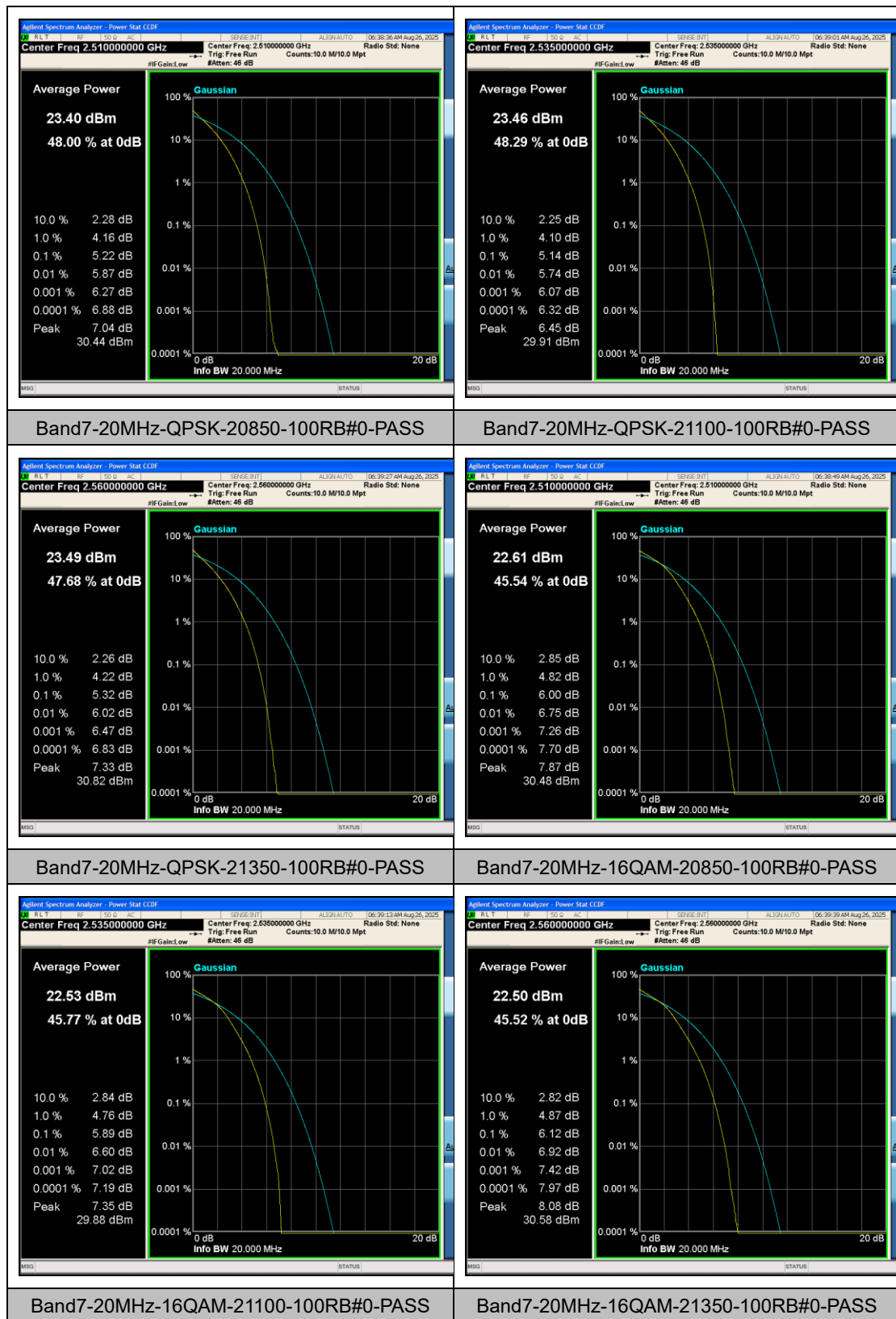
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.34	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.26	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.40	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.08	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.98	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.08	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.27	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.21	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.39	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.06	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.97	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.14	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.54	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.46	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.70	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.08	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.00	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.18	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.22	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.14	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.32	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.00	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.89	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.12	13	PASS

Test Graphs







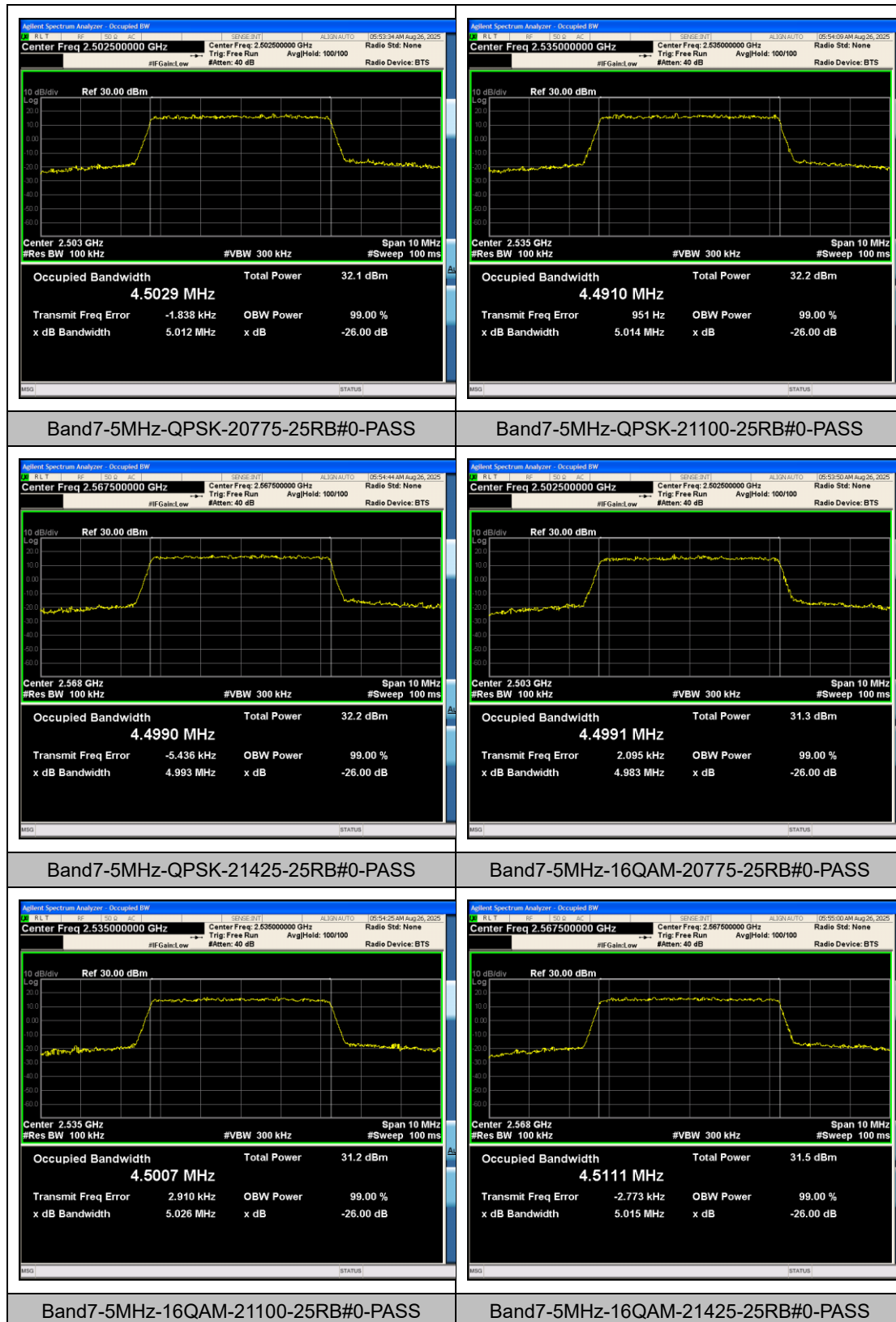


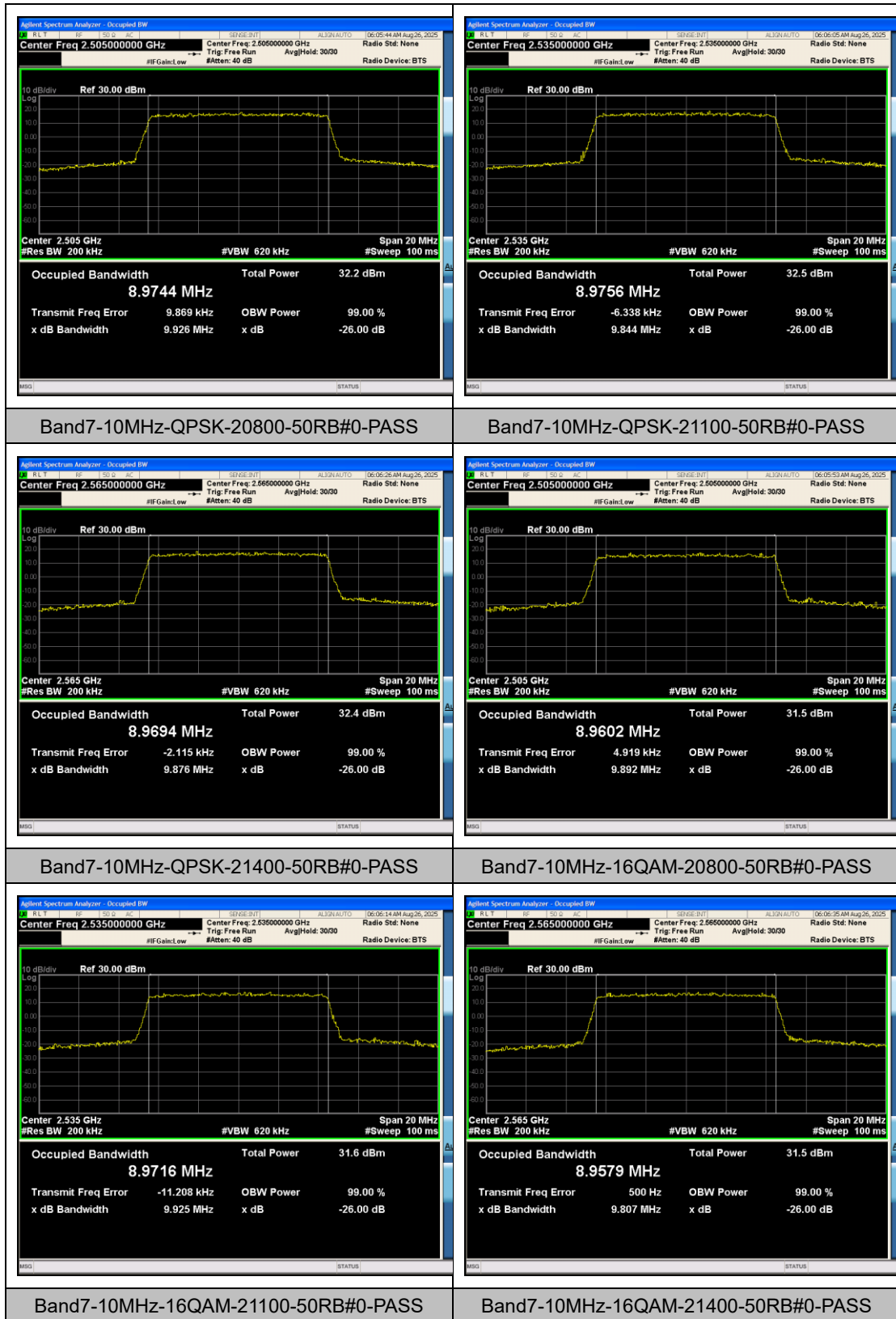
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

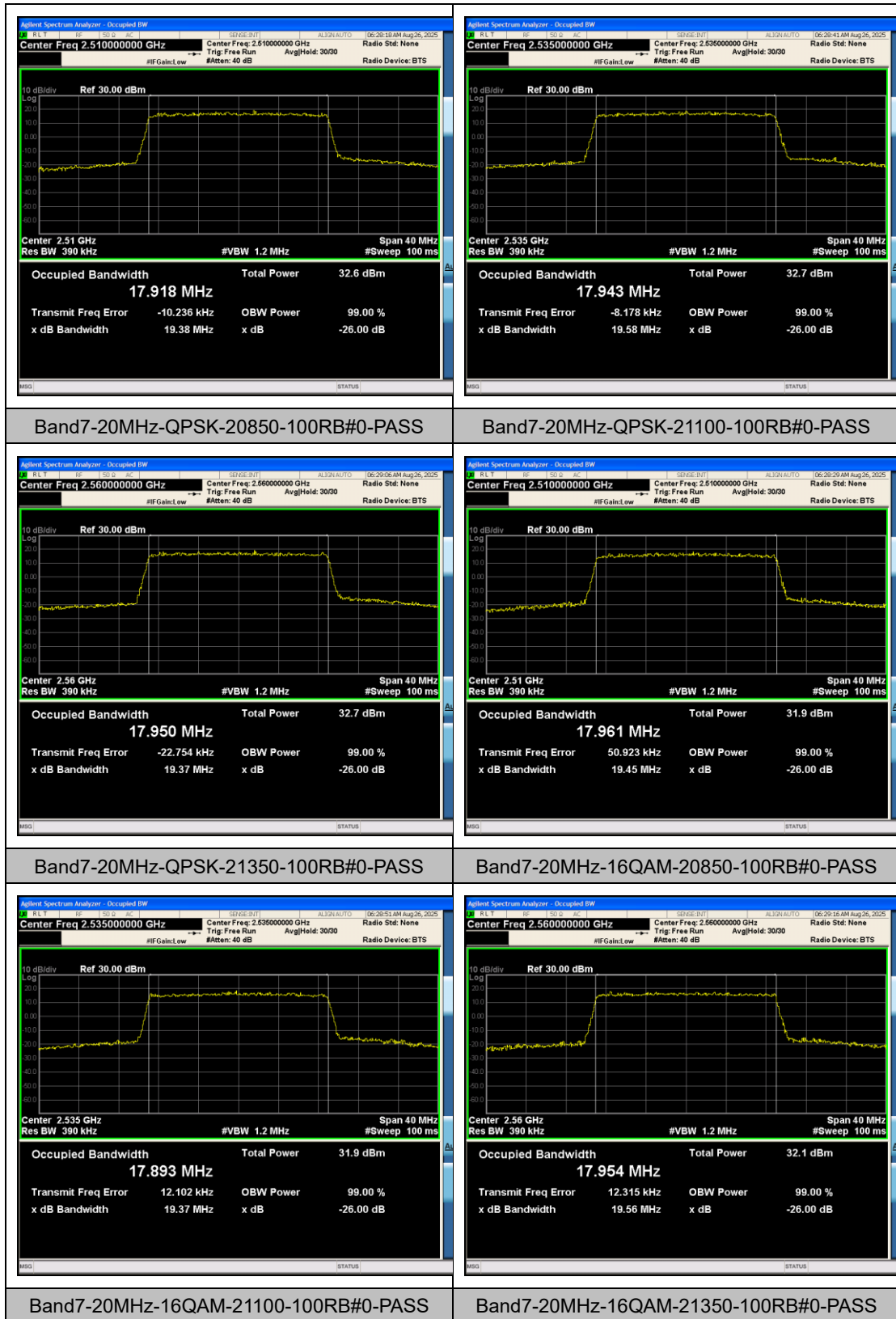
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5029	5.012	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4910	5.014	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4990	4.993	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4991	4.983	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5007	5.026	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5111	5.015	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9744	9.926	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9756	9.844	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9694	9.876	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9602	9.892	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9716	9.925	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9579	9.807	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.459	14.88	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.438	14.84	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.425	14.71	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.443	14.65	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.459	14.73	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.468	14.72	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.918	19.38	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.943	19.58	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.950	19.37	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.961	19.45	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.893	19.37	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.954	19.56	PASS

Test Graphs







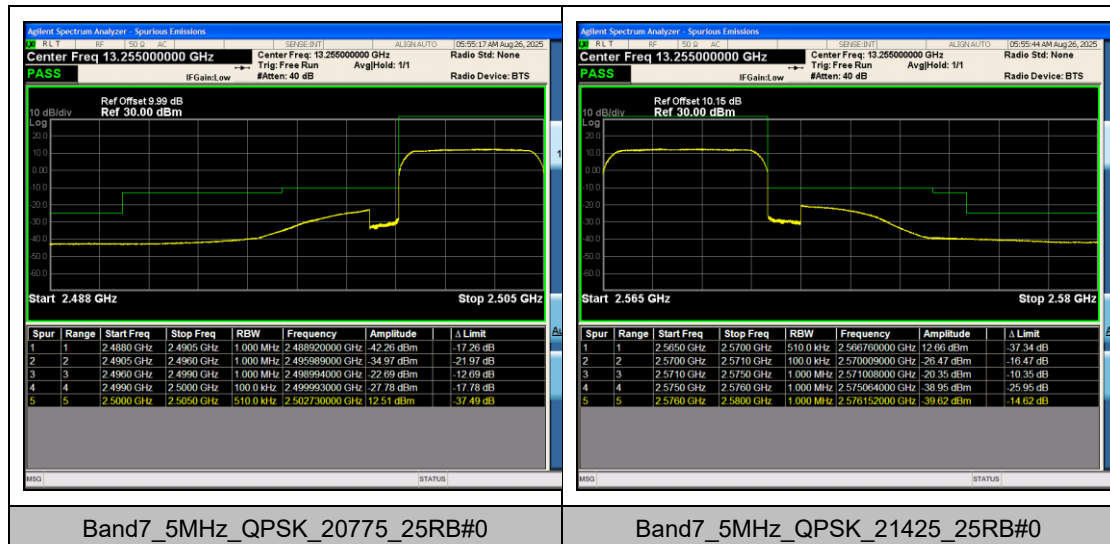


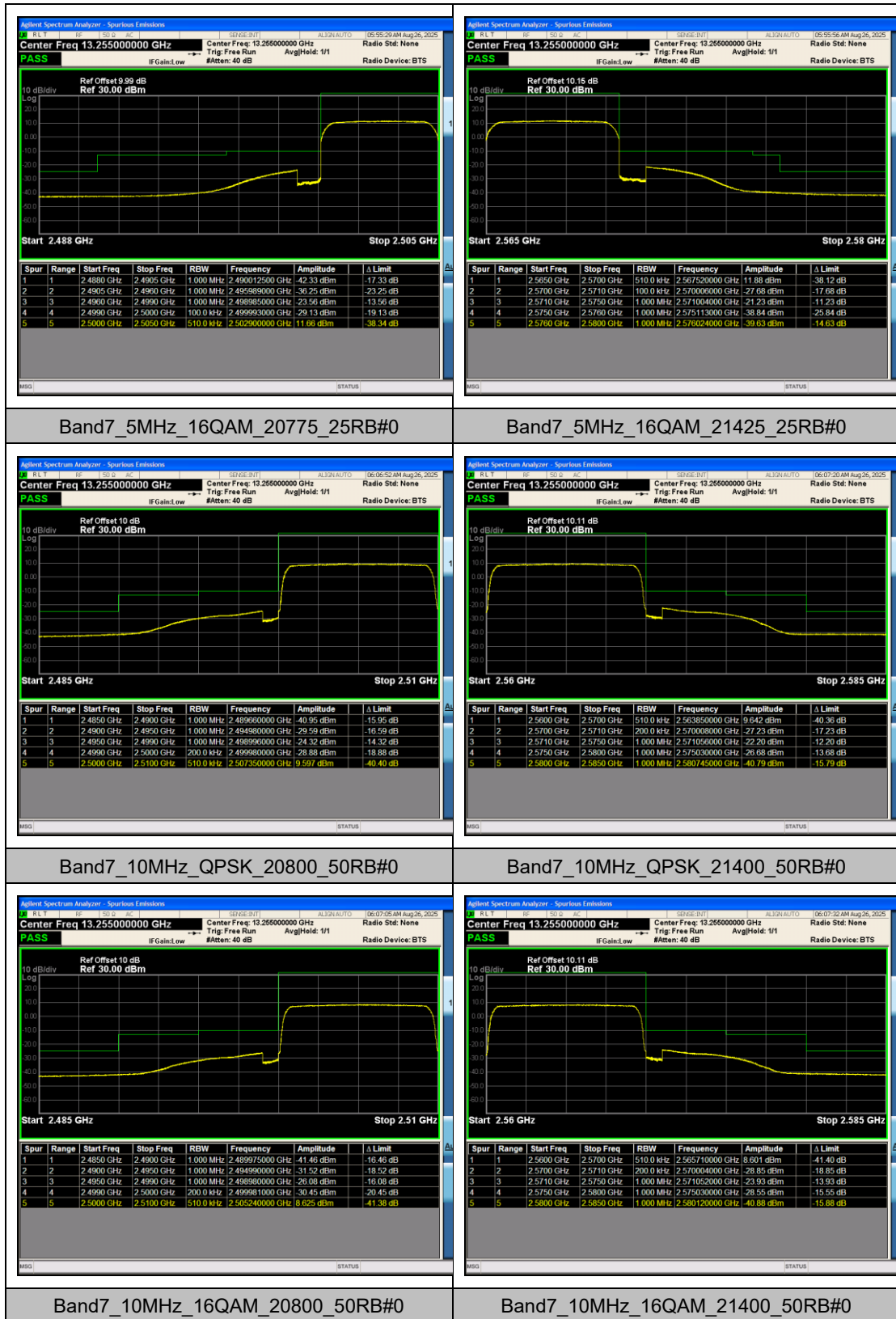
Appendix D: Band Edge

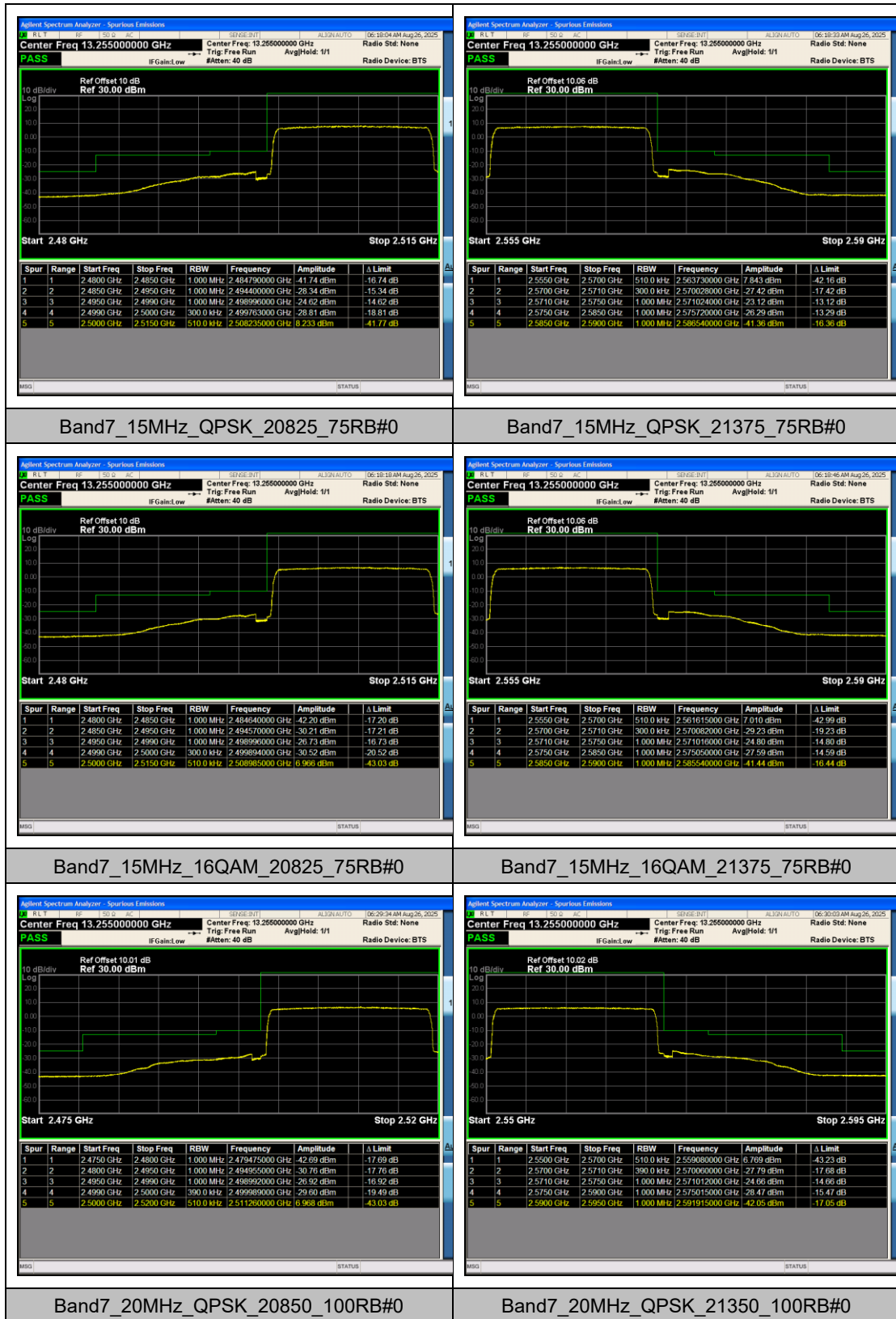
Test Result

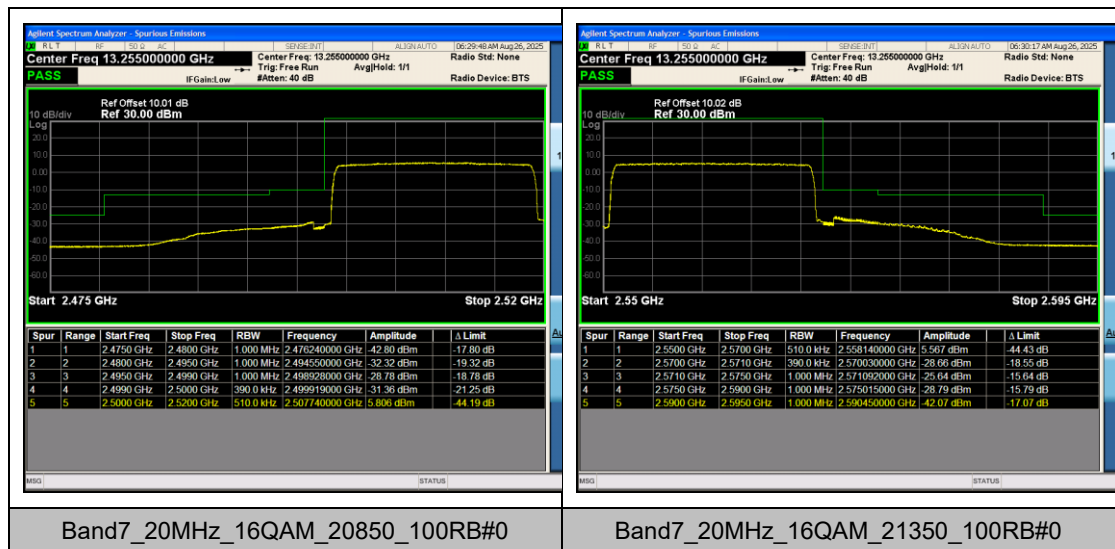
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-22.69	PASS
Band7	5MHz	QPSK	21425	25RB#0	-20.35	PASS
Band7	5MHz	16QAM	20775	25RB#0	-23.56	PASS
Band7	5MHz	16QAM	21425	25RB#0	-21.23	PASS
Band7	10MHz	QPSK	20800	50RB#0	-24.32	PASS
Band7	10MHz	QPSK	21400	50RB#0	-22.20	PASS
Band7	10MHz	16QAM	20800	50RB#0	-26.08	PASS
Band7	10MHz	16QAM	21400	50RB#0	-23.93	PASS
Band7	15MHz	QPSK	20825	75RB#0	-24.62	PASS
Band7	15MHz	QPSK	21375	75RB#0	-23.12	PASS
Band7	15MHz	16QAM	20825	75RB#0	-26.73	PASS
Band7	15MHz	16QAM	21375	75RB#0	-27.59	PASS
Band7	20MHz	QPSK	20850	100RB#0	-26.92	PASS
Band7	20MHz	QPSK	21350	100RB#0	-24.66	PASS
Band7	20MHz	16QAM	20850	100RB#0	-42.80	PASS
Band7	20MHz	16QAM	21350	100RB#0	-25.64	PASS

Test Graphs









Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	0.009~0.15	-68.87	PASS
Band7	5MHz	QPSK	20775	25RB#0	0.15~30	-64.34	PASS
Band7	5MHz	QPSK	20775	25RB#0	30~1000	-61.23	PASS
Band7	5MHz	QPSK	20775	25RB#0	1000~20000	-37.39	PASS
Band7	5MHz	QPSK	20775	25RB#0	20000~27000	-30.95	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.009~0.15	-68.07	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.15~30	-61.93	PASS
Band7	5MHz	QPSK	21100	25RB#0	30~1000	-61.44	PASS
Band7	5MHz	QPSK	21100	25RB#0	1000~20000	-37.47	PASS
Band7	5MHz	QPSK	21100	25RB#0	20000~27000	-30.83	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.009~0.15	-65.55	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.15~30	-63.64	PASS
Band7	5MHz	QPSK	21425	25RB#0	30~1000	-61.23	PASS
Band7	5MHz	QPSK	21425	25RB#0	1000~20000	-37.20	PASS
Band7	5MHz	QPSK	21425	25RB#0	20000~27000	-30.81	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.009~0.15	-68.40	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.15~30	-64.26	PASS
Band7	5MHz	16QAM	20775	25RB#0	30~1000	-61.04	PASS
Band7	5MHz	16QAM	20775	25RB#0	1000~20000	-37.22	PASS
Band7	5MHz	16QAM	20775	25RB#0	20000~27000	-30.34	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.009~0.15	-66.31	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.15~30	-62.70	PASS
Band7	5MHz	16QAM	21100	25RB#0	30~1000	-61.26	PASS
Band7	5MHz	16QAM	21100	25RB#0	1000~20000	-37.26	PASS
Band7	5MHz	16QAM	21100	25RB#0	20000~27000	-31.12	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.009~0.15	-65.10	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.15~30	-63.67	PASS
Band7	5MHz	16QAM	21425	25RB#0	30~1000	-61.39	PASS
Band7	5MHz	16QAM	21425	25RB#0	1000~20000	-37.34	PASS
Band7	5MHz	16QAM	21425	25RB#0	20000~27000	-30.62	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.009~0.15	-66.91	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.15~30	-63.70	PASS
Band7	10MHz	QPSK	20800	50RB#0	30~1000	-61.27	PASS
Band7	10MHz	QPSK	20800	50RB#0	1000~20000	-37.60	PASS
Band7	10MHz	QPSK	20800	50RB#0	20000~27000	-30.84	PASS
Band7	10MHz	QPSK	21100	50RB#0	0.009~0.15	-63.18	PASS

Band7	10MHz	QPSK	21100	50RB#0	0.15~30	-63.02	PASS
Band7	10MHz	QPSK	21100	50RB#0	30~1000	-61.29	PASS
Band7	10MHz	QPSK	21100	50RB#0	1000~20000	-37.67	PASS
Band7	10MHz	QPSK	21100	50RB#0	20000~27000	-30.80	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.009~0.15	-65.77	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.15~30	-63.07	PASS
Band7	10MHz	QPSK	21400	50RB#0	30~1000	-61.23	PASS
Band7	10MHz	QPSK	21400	50RB#0	1000~20000	-37.43	PASS
Band7	10MHz	QPSK	21400	50RB#0	20000~27000	-30.68	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.009~0.15	-66.14	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.15~30	-63.96	PASS
Band7	10MHz	16QAM	20800	50RB#0	30~1000	-61.22	PASS
Band7	10MHz	16QAM	20800	50RB#0	1000~20000	-37.54	PASS
Band7	10MHz	16QAM	20800	50RB#0	20000~27000	-30.81	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.009~0.15	-69.19	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.15~30	-62.68	PASS
Band7	10MHz	16QAM	21100	50RB#0	30~1000	-61.32	PASS
Band7	10MHz	16QAM	21100	50RB#0	1000~20000	-37.03	PASS
Band7	10MHz	16QAM	21100	50RB#0	20000~27000	-31.07	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.009~0.15	-66.95	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.15~30	-63.04	PASS
Band7	10MHz	16QAM	21400	50RB#0	30~1000	-61.34	PASS
Band7	10MHz	16QAM	21400	50RB#0	1000~20000	-37.46	PASS
Band7	10MHz	16QAM	21400	50RB#0	20000~27000	-30.84	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.009~0.15	-63.62	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.15~30	-61.34	PASS
Band7	15MHz	QPSK	20825	75RB#0	30~1000	-61.28	PASS
Band7	15MHz	QPSK	20825	75RB#0	1000~20000	-37.40	PASS
Band7	15MHz	QPSK	20825	75RB#0	20000~27000	-30.71	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.009~0.15	-66.40	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.15~30	-63.18	PASS
Band7	15MHz	QPSK	21100	75RB#0	30~1000	-61.06	PASS
Band7	15MHz	QPSK	21100	75RB#0	1000~20000	-37.56	PASS
Band7	15MHz	QPSK	21100	75RB#0	20000~27000	-30.77	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.009~0.15	-66.70	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.15~30	-62.69	PASS
Band7	15MHz	QPSK	21375	75RB#0	30~1000	-61.42	PASS
Band7	15MHz	QPSK	21375	75RB#0	1000~20000	-37.58	PASS
Band7	15MHz	QPSK	21375	75RB#0	20000~27000	-31.03	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.009~0.15	-65.45	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.15~30	-62.03	PASS
Band7	15MHz	16QAM	20825	75RB#0	30~1000	-60.93	PASS
Band7	15MHz	16QAM	20825	75RB#0	1000~20000	-37.27	PASS

Band7	15MHz	16QAM	20825	75RB#0	20000~27000	-30.97	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.009~0.15	-67.38	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.15~30	-63.44	PASS
Band7	15MHz	16QAM	21100	75RB#0	30~1000	-61.04	PASS
Band7	15MHz	16QAM	21100	75RB#0	1000~20000	-37.25	PASS
Band7	15MHz	16QAM	21100	75RB#0	20000~27000	-30.83	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.009~0.15	-65.73	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.15~30	-62.71	PASS
Band7	15MHz	16QAM	21375	75RB#0	30~1000	-61.27	PASS
Band7	15MHz	16QAM	21375	75RB#0	1000~20000	-37.41	PASS
Band7	15MHz	16QAM	21375	75RB#0	20000~27000	-30.64	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.009~0.15	-67.75	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.15~30	-62.50	PASS
Band7	20MHz	QPSK	20850	100RB#0	30~1000	-61.43	PASS
Band7	20MHz	QPSK	20850	100RB#0	1000~20000	-37.42	PASS
Band7	20MHz	QPSK	20850	100RB#0	20000~27000	-31.06	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.009~0.15	-63.43	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.15~30	-64.89	PASS
Band7	20MHz	QPSK	21100	100RB#0	30~1000	-61.40	PASS
Band7	20MHz	QPSK	21100	100RB#0	1000~20000	-37.39	PASS
Band7	20MHz	QPSK	21100	100RB#0	20000~27000	-30.63	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.009~0.15	-66.66	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.15~30	-63.50	PASS
Band7	20MHz	QPSK	21350	100RB#0	30~1000	-60.67	PASS
Band7	20MHz	QPSK	21350	100RB#0	1000~20000	-37.63	PASS
Band7	20MHz	QPSK	21350	100RB#0	20000~27000	-30.64	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.009~0.15	-70.48	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.15~30	-63.70	PASS
Band7	20MHz	16QAM	20850	100RB#0	30~1000	-61.54	PASS
Band7	20MHz	16QAM	20850	100RB#0	1000~20000	-37.23	PASS
Band7	20MHz	16QAM	20850	100RB#0	20000~27000	-30.91	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.009~0.15	-67.64	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.15~30	-61.92	PASS
Band7	20MHz	16QAM	21100	100RB#0	30~1000	-61.44	PASS
Band7	20MHz	16QAM	21100	100RB#0	1000~20000	-37.26	PASS
Band7	20MHz	16QAM	21100	100RB#0	20000~27000	-30.70	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.009~0.15	-66.47	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.15~30	-63.70	PASS
Band7	20MHz	16QAM	21350	100RB#0	30~1000	-61.21	PASS
Band7	20MHz	16QAM	21350	100RB#0	1000~20000	-37.33	PASS
Band7	20MHz	16QAM	21350	100RB#0	20000~27000	-30.82	PASS

Test Graphs

