

FCC Appendix RF Test Data for LTE Band 2

FCC ID : 2A3DR-AGMN2

Company : AGM MOBILE LIMITED

EUT : 4G smart Phone

Model Number : AGM_NOTE_N2

Report No. : CTA26041102303

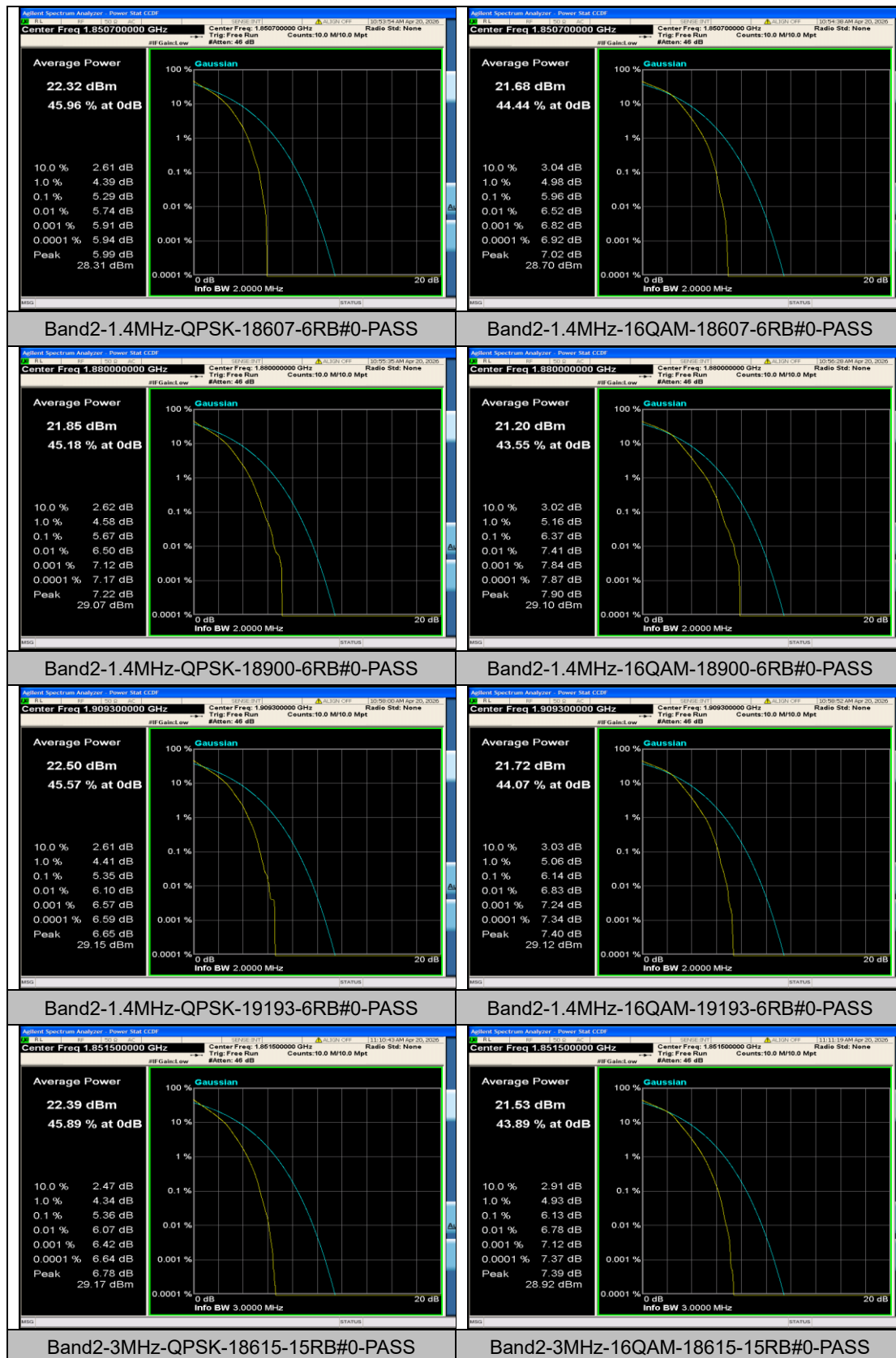
Reviewed By : Eric Wang

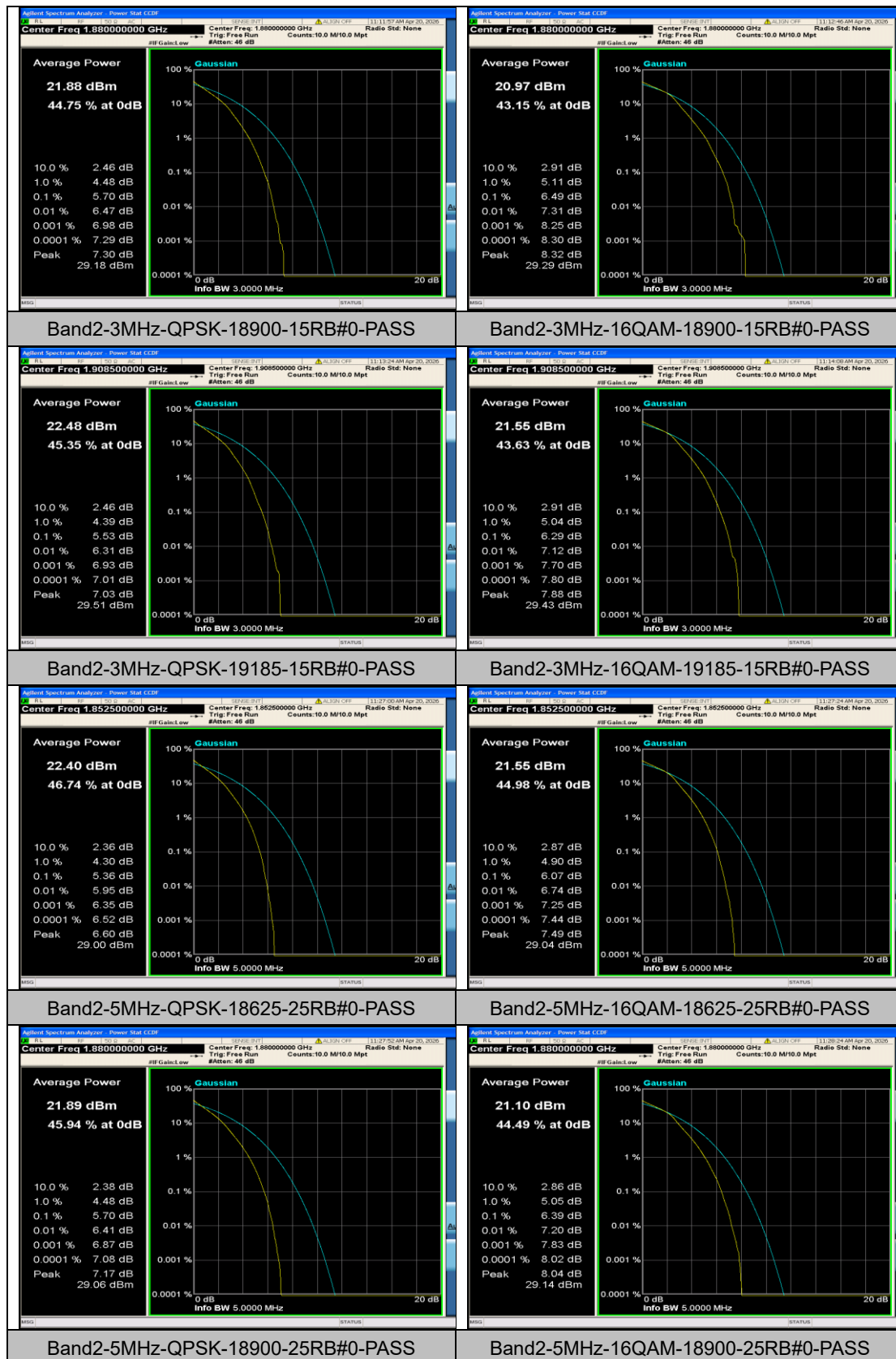
Appendix A: Peak-to-Average Ratio(CCDF)

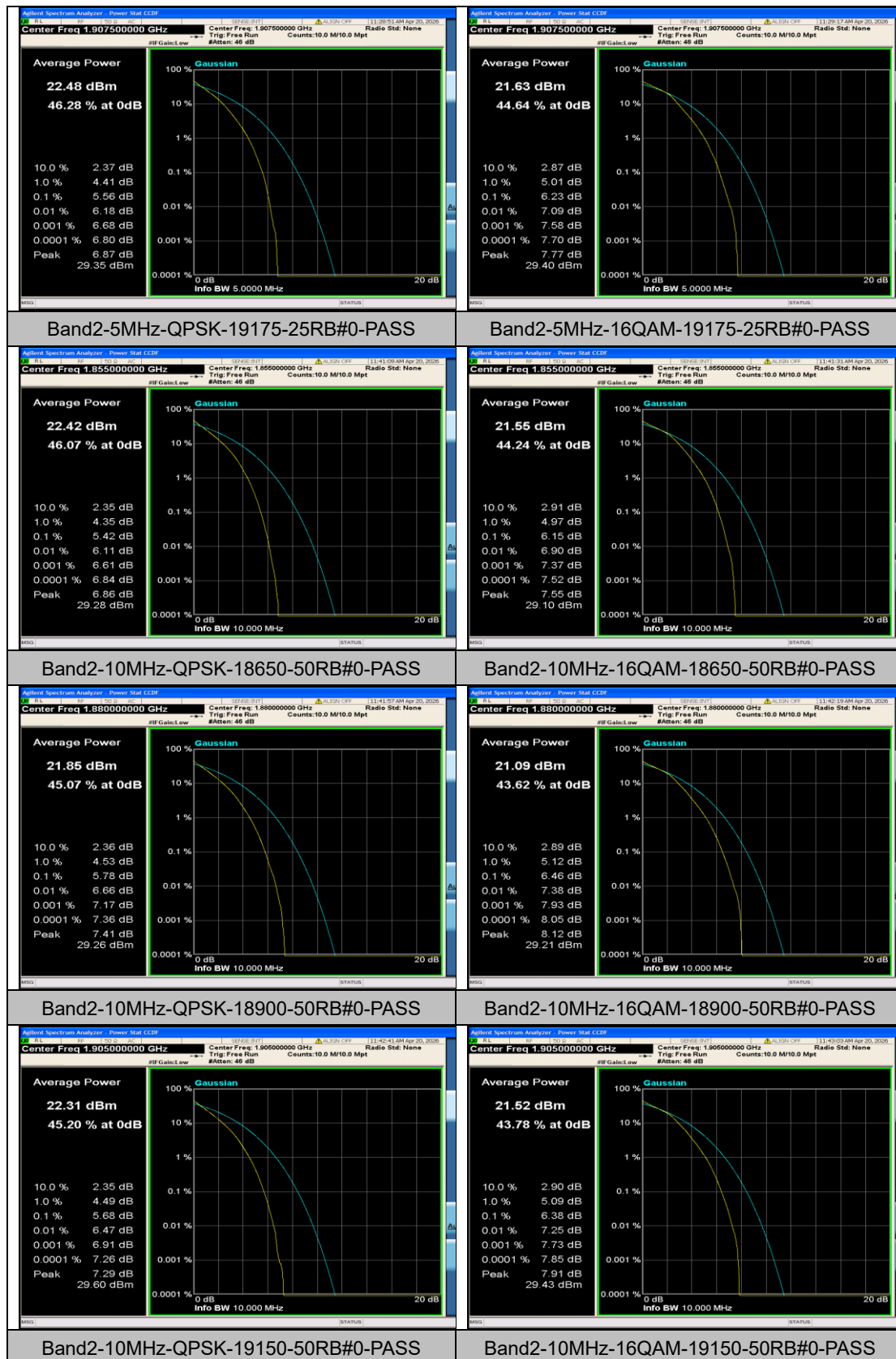
Test Result

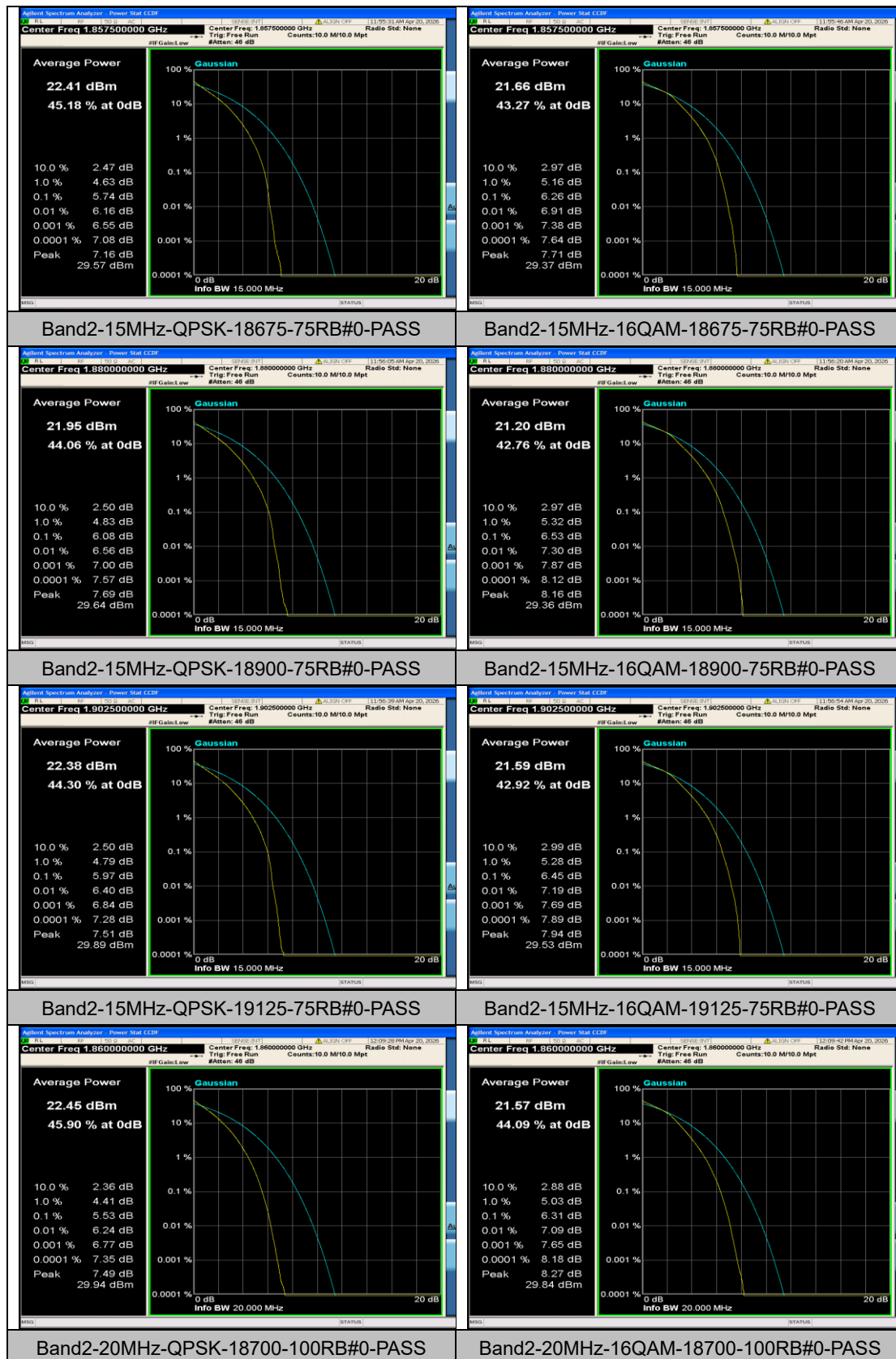
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	5.29	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.96	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.67	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.37	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.35	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	6.14	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.36	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.13	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.70	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.49	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.53	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.29	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.36	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.07	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.70	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.39	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.56	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.23	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.42	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.15	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.78	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.46	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.68	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.38	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.74	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.26	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	6.08	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.53	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.97	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.45	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.53	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.31	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.84	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.55	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.74	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.42	13	PASS

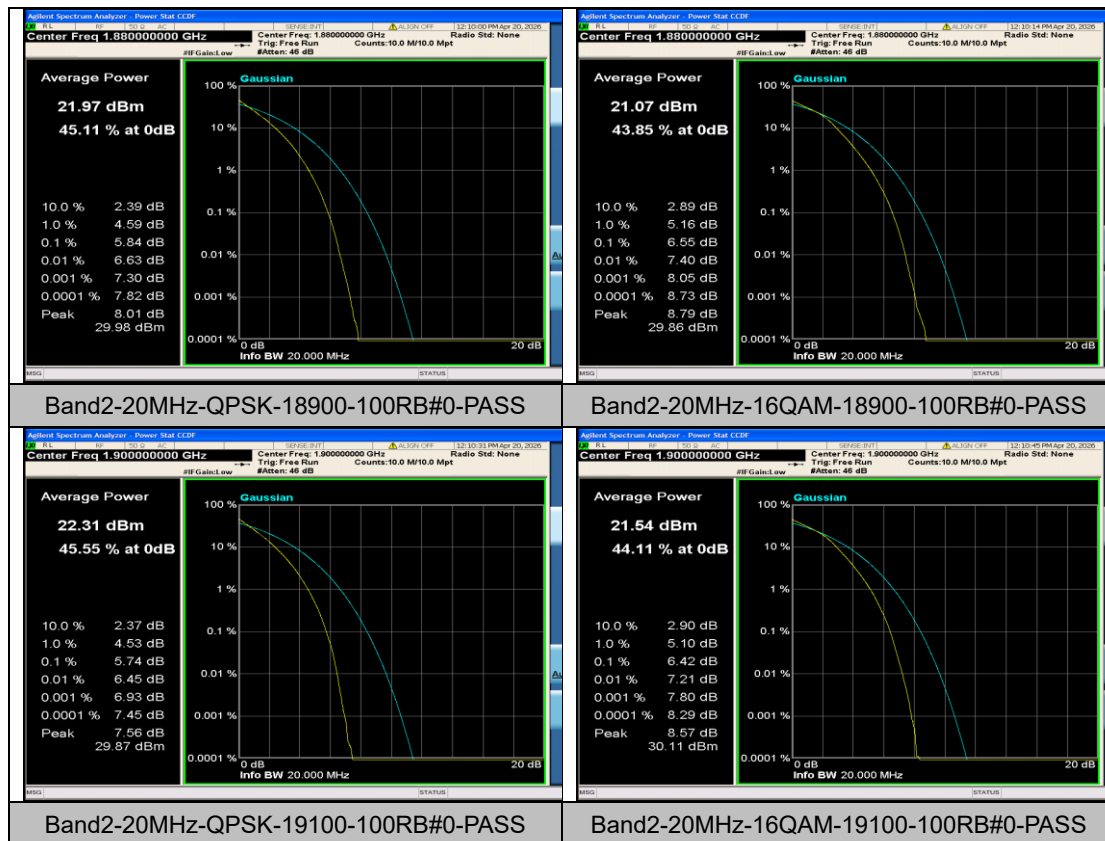
Test Graphs









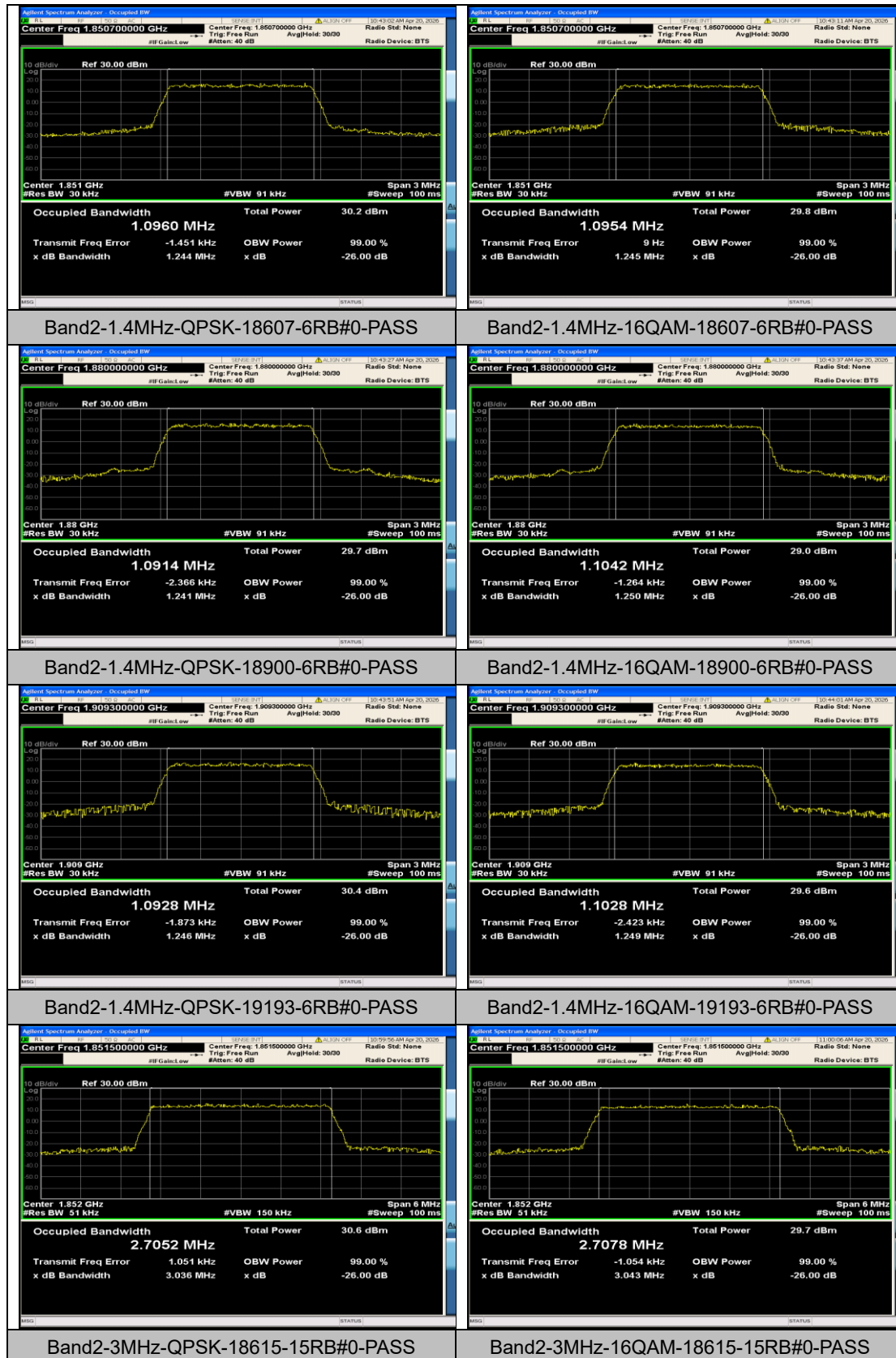


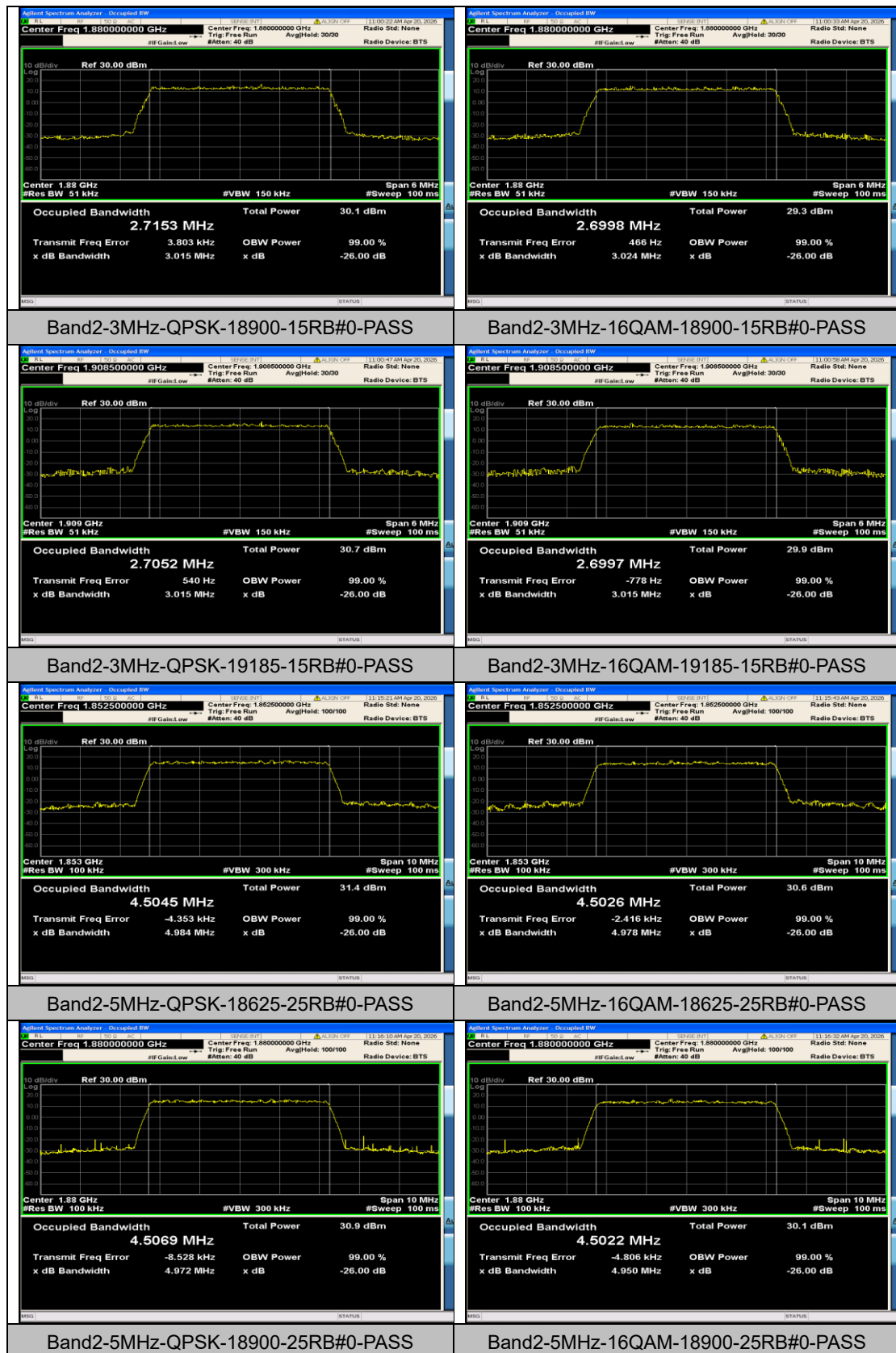
Appendix B: 26dB Bandwidth and Occupied Bandwidth

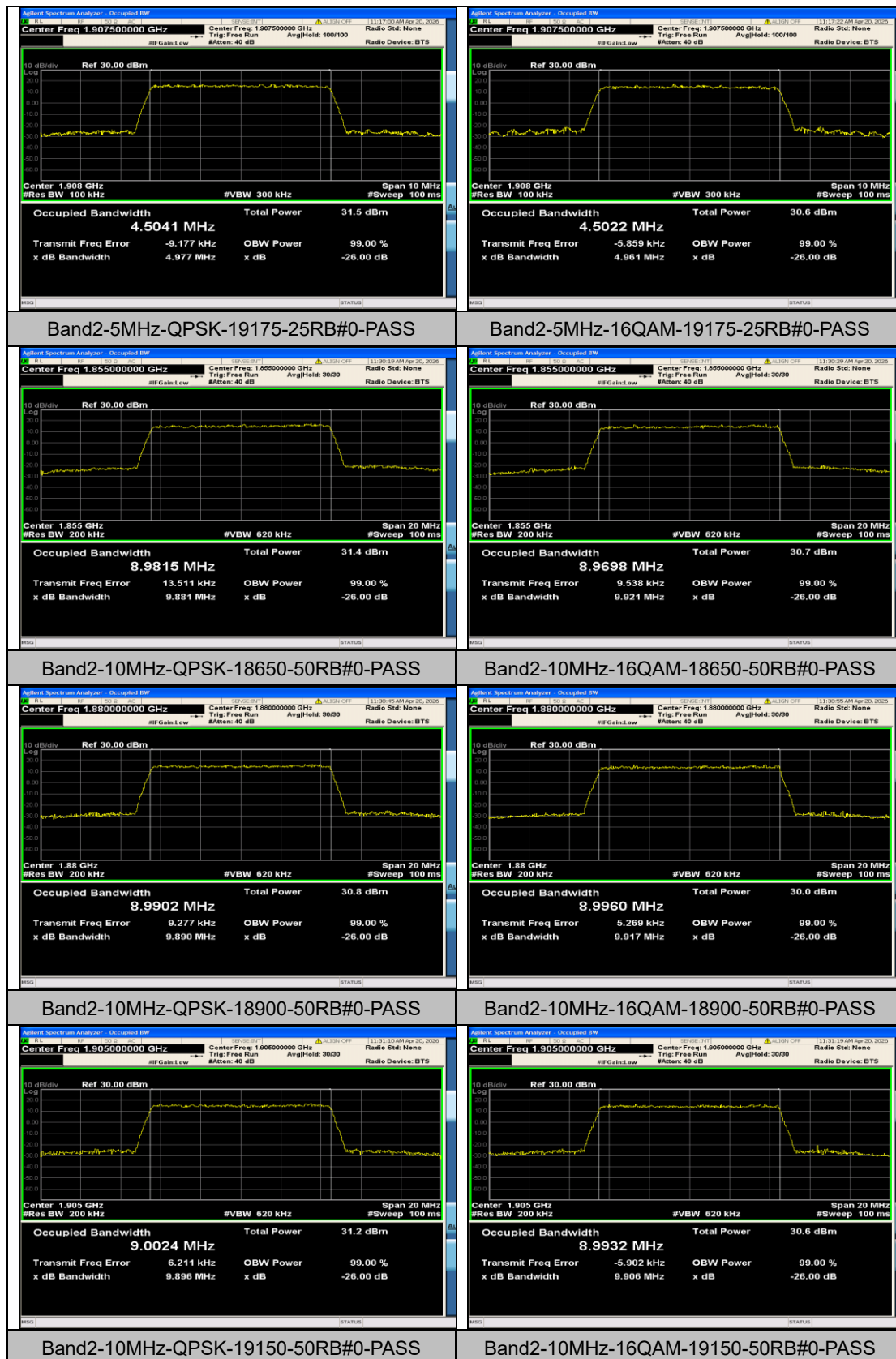
Test Result

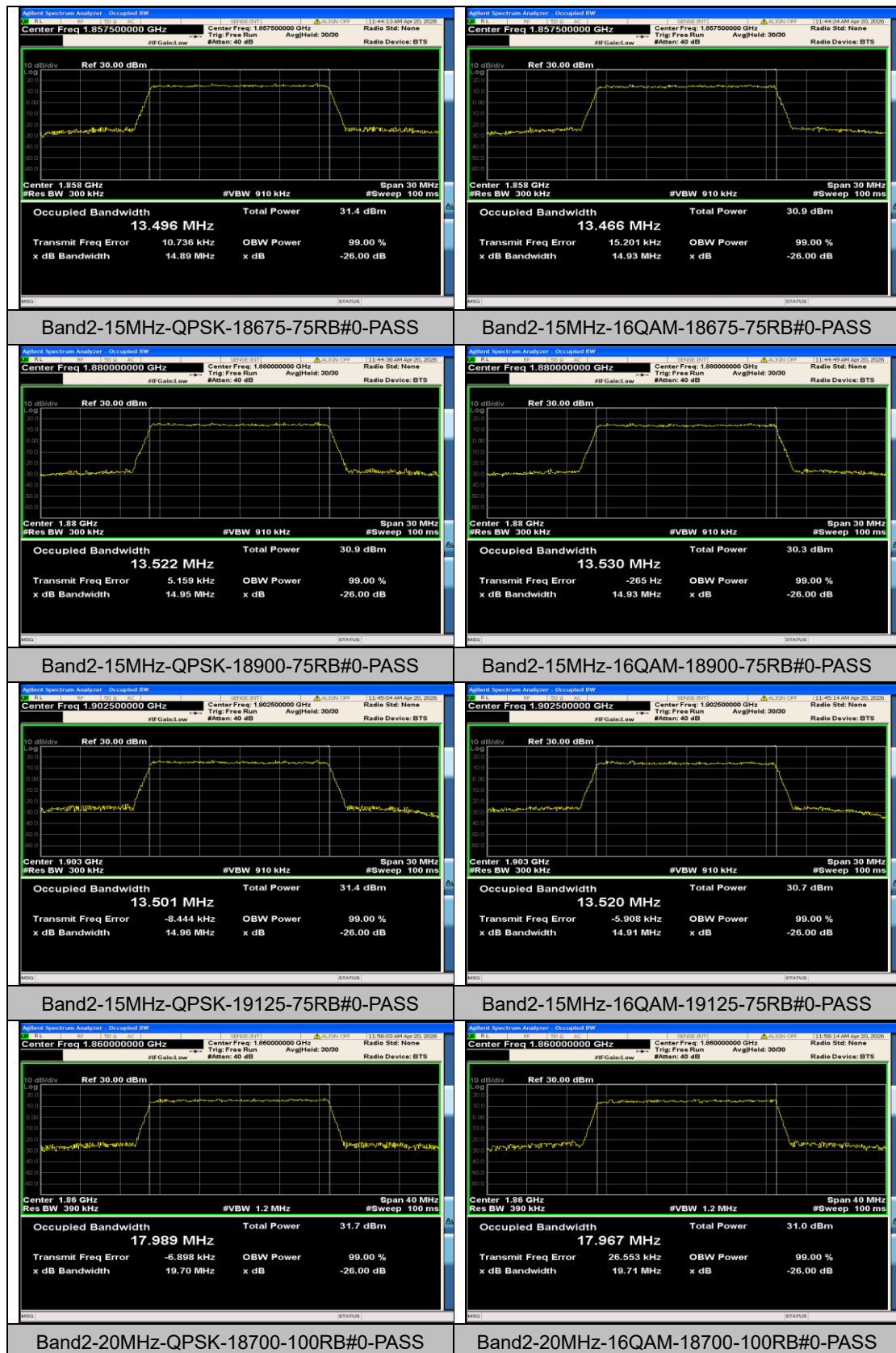
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0960	1.244	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0954	1.245	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0914	1.241	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1042	1.250	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0928	1.246	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1028	1.249	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7052	3.036	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7078	3.043	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7153	3.015	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6998	3.024	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7052	3.015	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6997	3.015	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5045	4.984	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5026	4.978	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5069	4.972	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5022	4.950	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5041	4.977	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5022	4.961	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9815	9.881	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9698	9.921	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9902	9.890	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9960	9.917	PASS
Band2	10MHz	QPSK	19150	50RB#0	9.0024	9.896	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9932	9.906	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.496	14.89	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.466	14.93	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.522	14.95	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.530	14.93	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.501	14.96	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.520	14.91	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.989	19.70	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.967	19.71	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.041	19.74	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.031	19.68	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.032	19.82	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.009	19.67	PASS

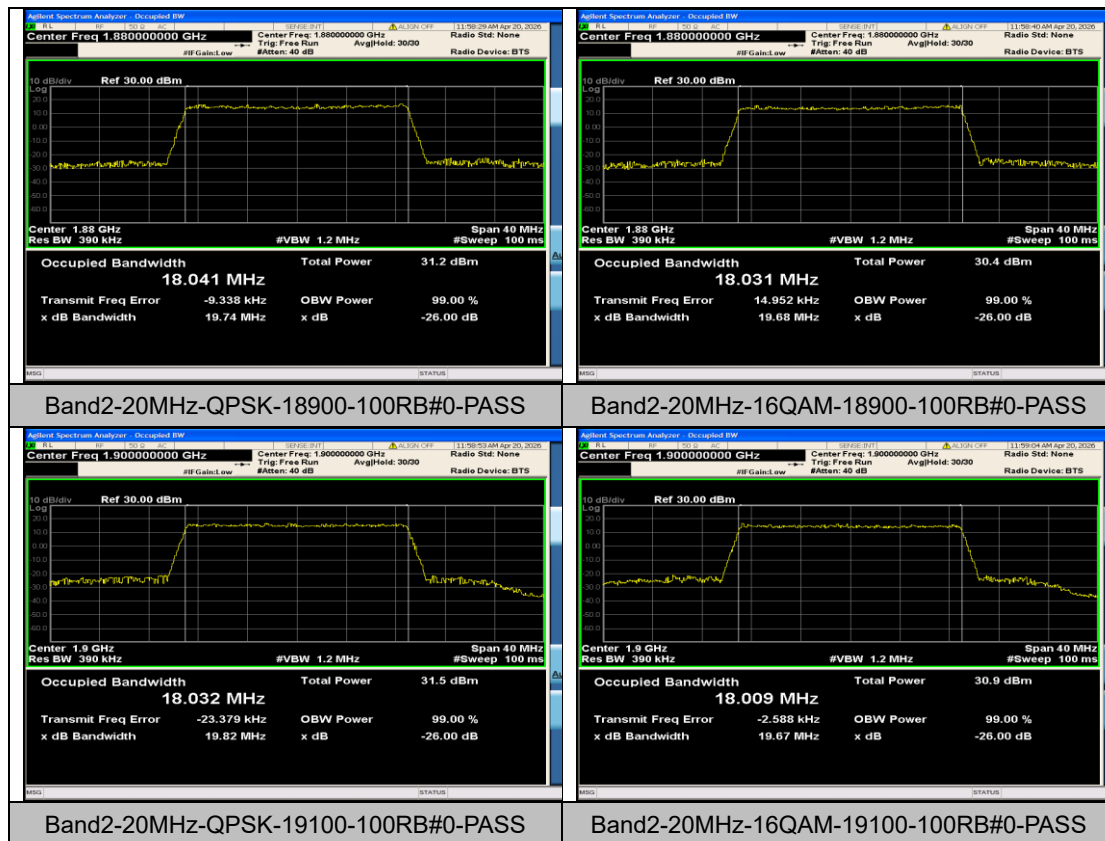
Test Graphs









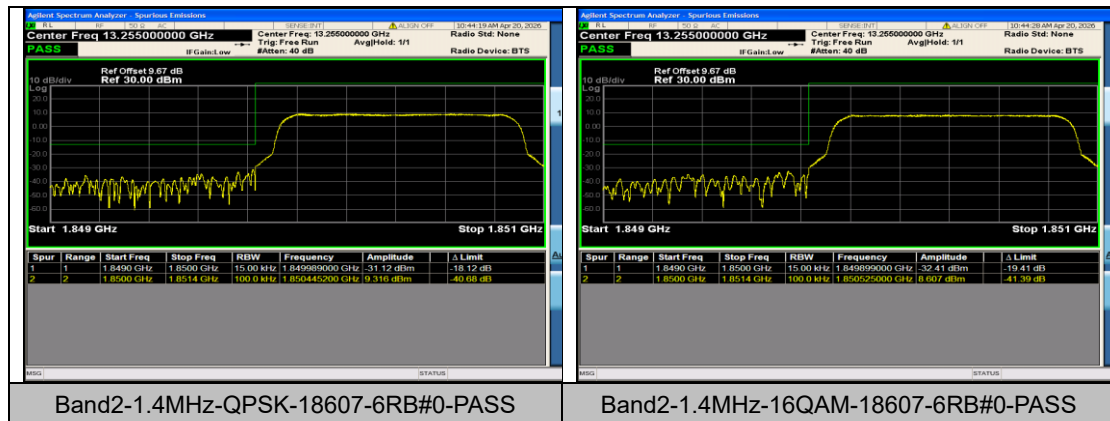


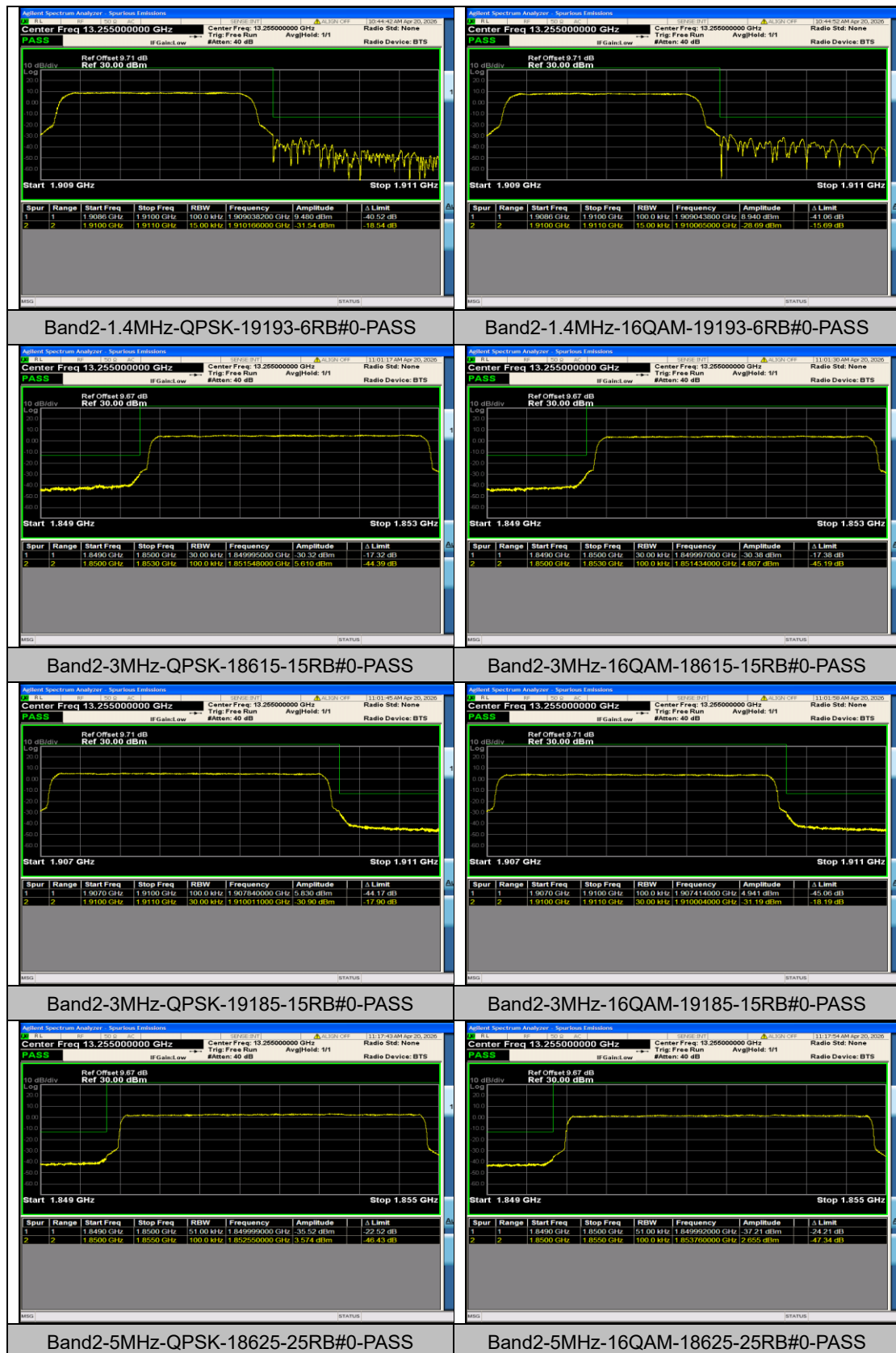
Appendix C: Band Edge

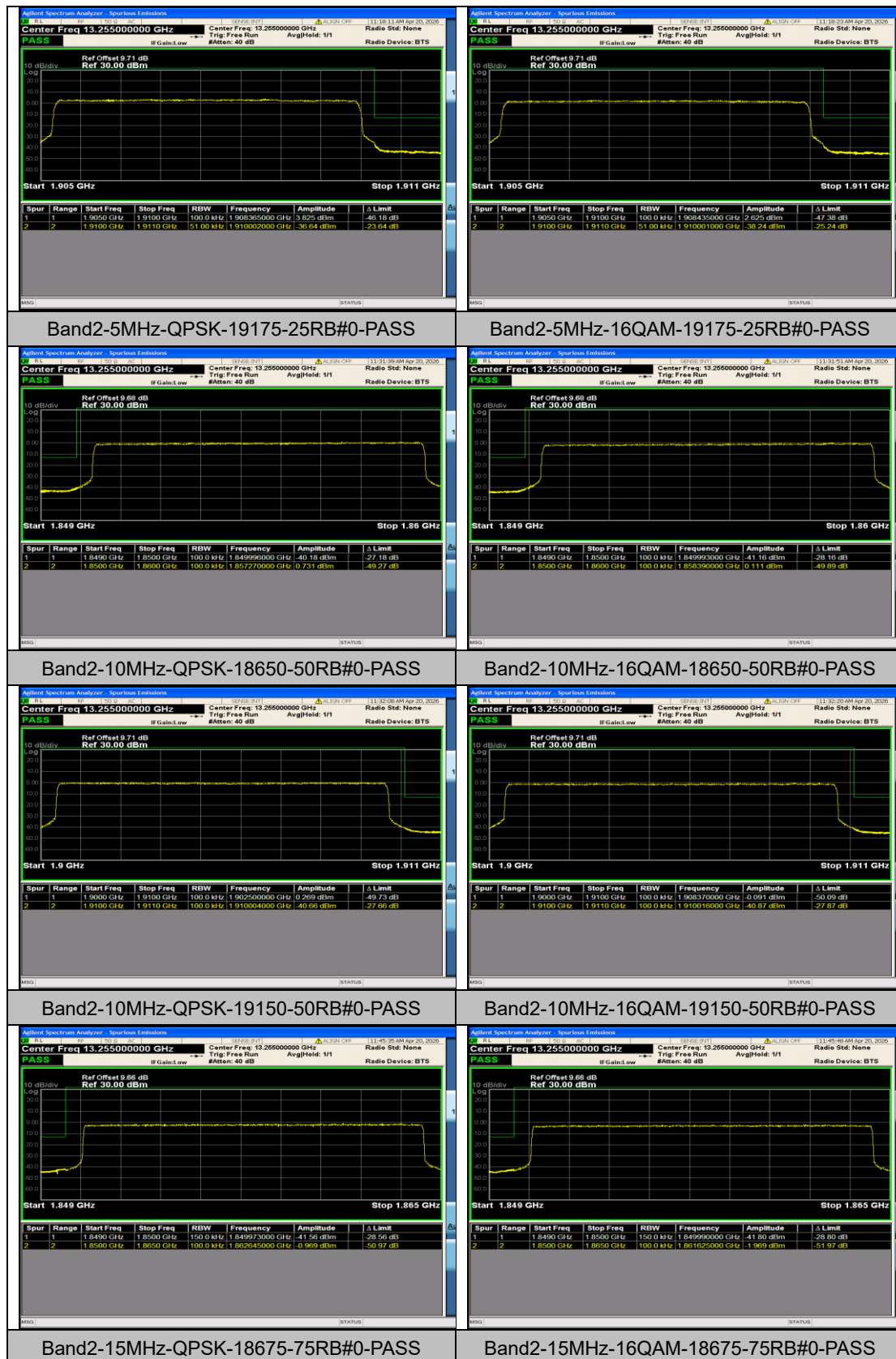
Test Result

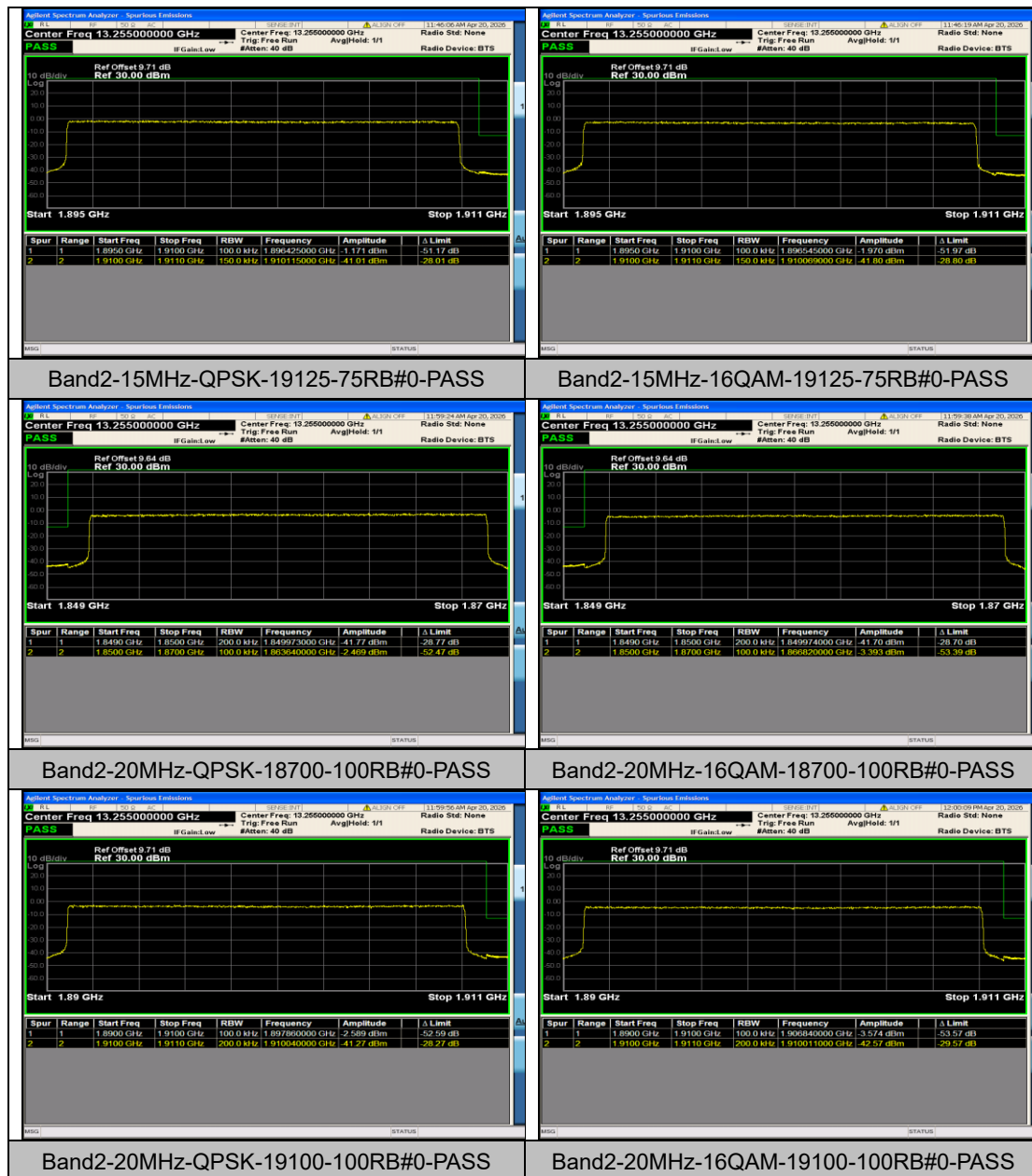
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	-31.12	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-32.41	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-31.54	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-28.69	PASS
Band2	3MHz	QPSK	18615	15RB#0	-30.32	PASS
Band2	3MHz	16QAM	18615	15RB#0	-30.38	PASS
Band2	3MHz	QPSK	19185	15RB#0	-30.90	PASS
Band2	3MHz	16QAM	19185	15RB#0	-31.19	PASS
Band2	5MHz	QPSK	18625	25RB#0	-35.52	PASS
Band2	5MHz	16QAM	18625	25RB#0	-37.21	PASS
Band2	5MHz	QPSK	19175	25RB#0	-36.64	PASS
Band2	5MHz	16QAM	19175	25RB#0	-38.24	PASS
Band2	10MHz	QPSK	18650	50RB#0	-40.18	PASS
Band2	10MHz	16QAM	18650	50RB#0	-41.16	PASS
Band2	10MHz	QPSK	19150	50RB#0	-40.66	PASS
Band2	10MHz	16QAM	19150	50RB#0	-40.87	PASS
Band2	15MHz	QPSK	18675	75RB#0	-41.56	PASS
Band2	15MHz	16QAM	18675	75RB#0	-41.80	PASS
Band2	15MHz	QPSK	19125	75RB#0	-41.01	PASS
Band2	15MHz	16QAM	19125	75RB#0	-41.80	PASS
Band2	20MHz	QPSK	18700	100RB#0	-41.77	PASS
Band2	20MHz	16QAM	18700	100RB#0	-41.70	PASS
Band2	20MHz	QPSK	19100	100RB#0	-41.27	PASS
Band2	20MHz	16QAM	19100	100RB#0	-42.57	PASS

Test Graphs









Appendix D: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	0.009~0.15	-58.72	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	0.15~30	-52.17	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	30~1000	-57.80	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	1000~3000	-29.25	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	3000~20000	-38.21	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	0.009~0.15	-59.26	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	0.15~30	-51.42	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	30~1000	-58.51	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1000~3000	-27.44	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	3000~20000	-38.76	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	0.009~0.15	-59.93	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	0.15~30	-52.01	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	30~1000	-58.39	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1000~3000	-48.11	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	3000~20000	-38.44	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	0.009~0.15	-61.03	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	0.15~30	-52.43	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	30~1000	-58.05	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1000~3000	-47.83	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	3000~20000	-38.29	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	0.009~0.15	-60.93	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	0.15~30	-54.11	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	30~1000	-58.37	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1000~3000	-31.43	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	3000~20000	-38.75	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	0.009~0.15	-59.11	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	0.15~30	-54.46	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	30~1000	-58.28	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1000~3000	-29.62	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	3000~20000	-38.18	PASS
Band2	3MHz	QPSK	18615	15RB#0	0.009~0.15	-58.55	PASS
Band2	3MHz	QPSK	18615	15RB#0	0.15~30	-51.78	PASS
Band2	3MHz	QPSK	18615	15RB#0	30~1000	-58.74	PASS
Band2	3MHz	QPSK	18615	15RB#0	1000~3000	-24.56	PASS
Band2	3MHz	QPSK	18615	15RB#0	3000~20000	-38.14	PASS
Band2	3MHz	16QAM	18615	15RB#0	0.009~0.15	-57.42	PASS

Band2	3MHz	16QAM	18615	15RB#0	0.15~30	-50.29	PASS
Band2	3MHz	16QAM	18615	15RB#0	30~1000	-58.03	PASS
Band2	3MHz	16QAM	18615	15RB#0	1000~3000	-26.25	PASS
Band2	3MHz	16QAM	18615	15RB#0	3000~20000	-37.26	PASS
Band2	3MHz	QPSK	18900	15RB#0	0.009~0.15	-60.27	PASS
Band2	3MHz	QPSK	18900	15RB#0	0.15~30	-51.85	PASS
Band2	3MHz	QPSK	18900	15RB#0	30~1000	-57.95	PASS
Band2	3MHz	QPSK	18900	15RB#0	1000~3000	-48.03	PASS
Band2	3MHz	QPSK	18900	15RB#0	3000~20000	-38.42	PASS
Band2	3MHz	16QAM	18900	15RB#0	0.009~0.15	-58.99	PASS
Band2	3MHz	16QAM	18900	15RB#0	0.15~30	-51.87	PASS
Band2	3MHz	16QAM	18900	15RB#0	30~1000	-58.58	PASS
Band2	3MHz	16QAM	18900	15RB#0	1000~3000	-47.87	PASS
Band2	3MHz	16QAM	18900	15RB#0	3000~20000	-38.59	PASS
Band2	3MHz	QPSK	19185	15RB#0	0.009~0.15	-60.42	PASS
Band2	3MHz	QPSK	19185	15RB#0	0.15~30	-51.28	PASS
Band2	3MHz	QPSK	19185	15RB#0	30~1000	-58.34	PASS
Band2	3MHz	QPSK	19185	15RB#0	1000~3000	-29.01	PASS
Band2	3MHz	QPSK	19185	15RB#0	3000~20000	-38.70	PASS
Band2	3MHz	16QAM	19185	15RB#0	0.009~0.15	-60.50	PASS
Band2	3MHz	16QAM	19185	15RB#0	0.15~30	-51.27	PASS
Band2	3MHz	16QAM	19185	15RB#0	30~1000	-58.06	PASS
Band2	3MHz	16QAM	19185	15RB#0	1000~3000	-27.78	PASS
Band2	3MHz	16QAM	19185	15RB#0	3000~20000	-38.64	PASS
Band2	5MHz	QPSK	18625	25RB#0	0.009~0.15	-59.27	PASS
Band2	5MHz	QPSK	18625	25RB#0	0.15~30	-54.92	PASS
Band2	5MHz	QPSK	18625	25RB#0	30~1000	-58.19	PASS
Band2	5MHz	QPSK	18625	25RB#0	1000~3000	-24.94	PASS
Band2	5MHz	QPSK	18625	25RB#0	3000~20000	-38.60	PASS
Band2	5MHz	16QAM	18625	25RB#0	0.009~0.15	-60.21	PASS
Band2	5MHz	16QAM	18625	25RB#0	0.15~30	-51.91	PASS
Band2	5MHz	16QAM	18625	25RB#0	30~1000	-58.14	PASS
Band2	5MHz	16QAM	18625	25RB#0	1000~3000	-27.66	PASS
Band2	5MHz	16QAM	18625	25RB#0	3000~20000	-38.58	PASS
Band2	5MHz	QPSK	18900	25RB#0	0.009~0.15	-60.78	PASS
Band2	5MHz	QPSK	18900	25RB#0	0.15~30	-51.05	PASS
Band2	5MHz	QPSK	18900	25RB#0	30~1000	-58.52	PASS
Band2	5MHz	QPSK	18900	25RB#0	1000~3000	-48.13	PASS
Band2	5MHz	QPSK	18900	25RB#0	3000~20000	-38.68	PASS
Band2	5MHz	16QAM	18900	25RB#0	0.009~0.15	-59.92	PASS
Band2	5MHz	16QAM	18900	25RB#0	0.15~30	-49.97	PASS
Band2	5MHz	16QAM	18900	25RB#0	30~1000	-57.58	PASS
Band2	5MHz	16QAM	18900	25RB#0	1000~3000	-47.91	PASS

Band2	5MHz	16QAM	18900	25RB#0	3000~20000	-38.77	PASS
Band2	5MHz	QPSK	19175	25RB#0	0.009~0.15	-60.30	PASS
Band2	5MHz	QPSK	19175	25RB#0	0.15~30	-52.47	PASS
Band2	5MHz	QPSK	19175	25RB#0	30~1000	-58.03	PASS
Band2	5MHz	QPSK	19175	25RB#0	1000~3000	-29.36	PASS
Band2	5MHz	QPSK	19175	25RB#0	3000~20000	-37.38	PASS
Band2	5MHz	16QAM	19175	25RB#0	0.009~0.15	-59.76	PASS
Band2	5MHz	16QAM	19175	25RB#0	0.15~30	-53.14	PASS
Band2	5MHz	16QAM	19175	25RB#0	30~1000	-57.73	PASS
Band2	5MHz	16QAM	19175	25RB#0	1000~3000	-29.06	PASS
Band2	5MHz	16QAM	19175	25RB#0	3000~20000	-38.49	PASS
Band2	10MHz	QPSK	18650	50RB#0	0.009~0.15	-59.50	PASS
Band2	10MHz	QPSK	18650	50RB#0	0.15~30	-50.08	PASS
Band2	10MHz	QPSK	18650	50RB#0	30~1000	-58.30	PASS
Band2	10MHz	QPSK	18650	50RB#0	1000~3000	-28.39	PASS
Band2	10MHz	QPSK	18650	50RB#0	3000~20000	-37.96	PASS
Band2	10MHz	16QAM	18650	50RB#0	0.009~0.15	-61.28	PASS
Band2	10MHz	16QAM	18650	50RB#0	0.15~30	-52.08	PASS
Band2	10MHz	16QAM	18650	50RB#0	30~1000	-58.26	PASS
Band2	10MHz	16QAM	18650	50RB#0	1000~3000	-30.38	PASS
Band2	10MHz	16QAM	18650	50RB#0	3000~20000	-38.65	PASS
Band2	10MHz	QPSK	18900	50RB#0	0.009~0.15	-60.31	PASS
Band2	10MHz	QPSK	18900	50RB#0	0.15~30	-51.45	PASS
Band2	10MHz	QPSK	18900	50RB#0	30~1000	-57.86	PASS
Band2	10MHz	QPSK	18900	50RB#0	1000~3000	-48.03	PASS
Band2	10MHz	QPSK	18900	50RB#0	3000~20000	-38.72	PASS
Band2	10MHz	16QAM	18900	50RB#0	0.009~0.15	-59.27	PASS
Band2	10MHz	16QAM	18900	50RB#0	0.15~30	-52.97	PASS
Band2	10MHz	16QAM	18900	50RB#0	30~1000	-58.50	PASS
Band2	10MHz	16QAM	18900	50RB#0	1000~3000	-47.70	PASS
Band2	10MHz	16QAM	18900	50RB#0	3000~20000	-38.30	PASS
Band2	10MHz	QPSK	19150	50RB#0	0.009~0.15	-60.60	PASS
Band2	10MHz	QPSK	19150	50RB#0	0.15~30	-52.70	PASS
Band2	10MHz	QPSK	19150	50RB#0	30~1000	-58.33	PASS
Band2	10MHz	QPSK	19150	50RB#0	1000~3000	-30.69	PASS
Band2	10MHz	QPSK	19150	50RB#0	3000~20000	-38.44	PASS
Band2	10MHz	16QAM	19150	50RB#0	0.009~0.15	-58.85	PASS
Band2	10MHz	16QAM	19150	50RB#0	0.15~30	-53.72	PASS
Band2	10MHz	16QAM	19150	50RB#0	30~1000	-57.21	PASS
Band2	10MHz	16QAM	19150	50RB#0	1000~3000	-32.50	PASS
Band2	10MHz	16QAM	19150	50RB#0	3000~20000	-38.53	PASS
Band2	15MHz	QPSK	18675	75RB#0	0.009~0.15	-59.60	PASS
Band2	15MHz	QPSK	18675	75RB#0	0.15~30	-50.85	PASS