

FCC LTE Band Test Data

FCC ID : 2BDCL-M616A

Company: : Signalinks Communication Technology Co.,Ltd

EUT : 4G LTE Mobile Wifi

Model Number : M616A

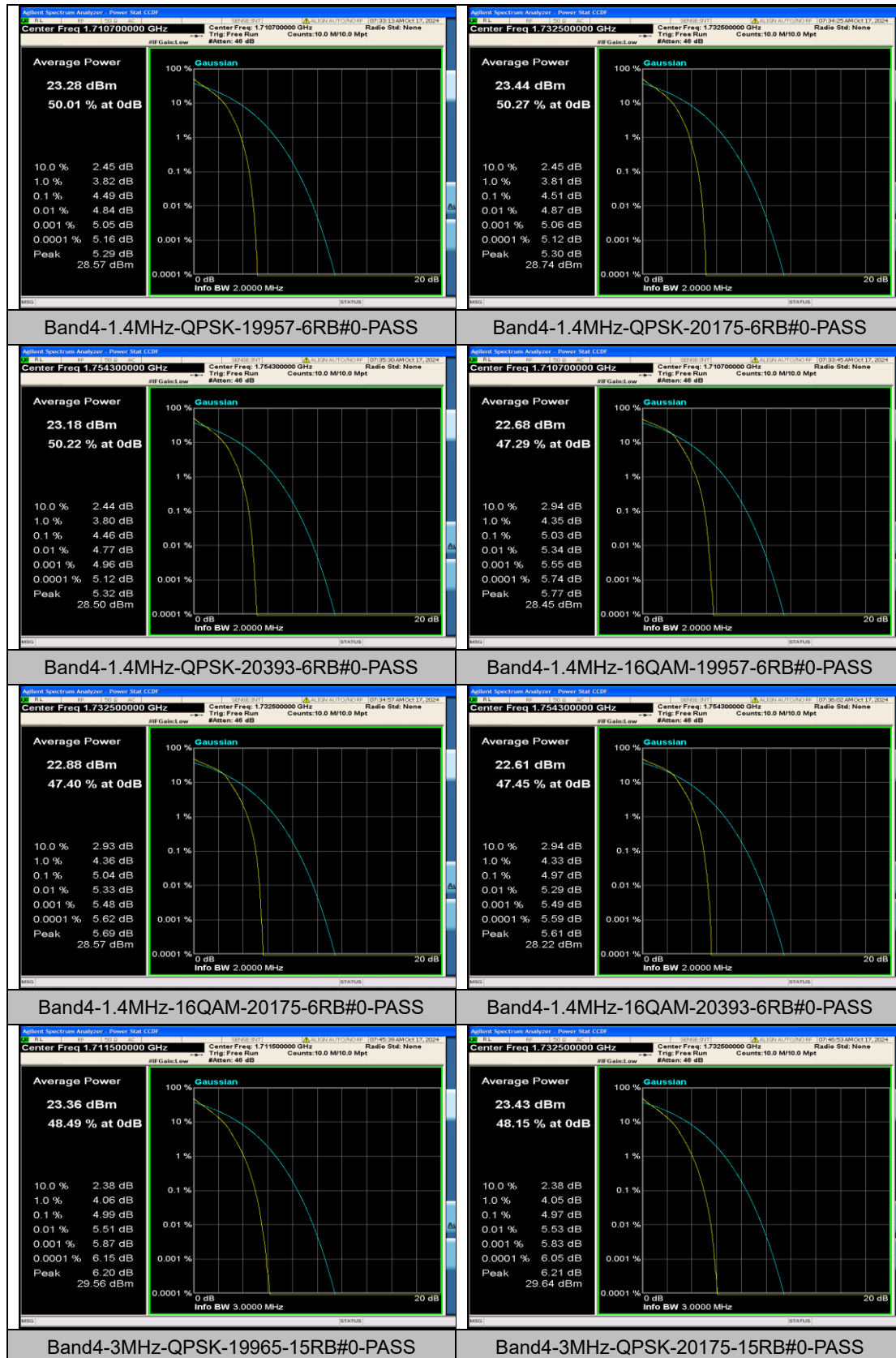
Reviewed By : Eric Wang

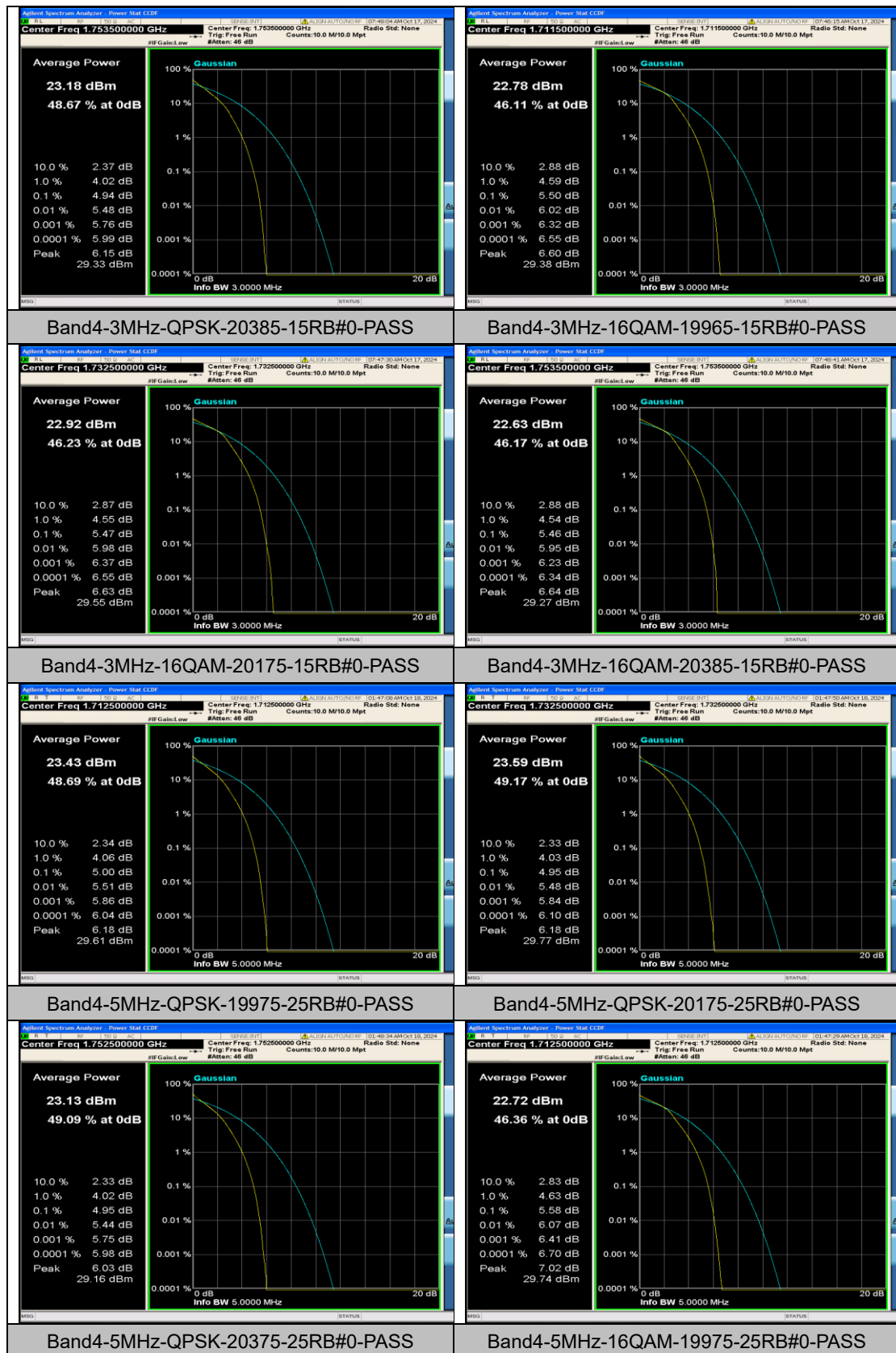
Appendix B: Peak-to-Average Ratio(CCDF)

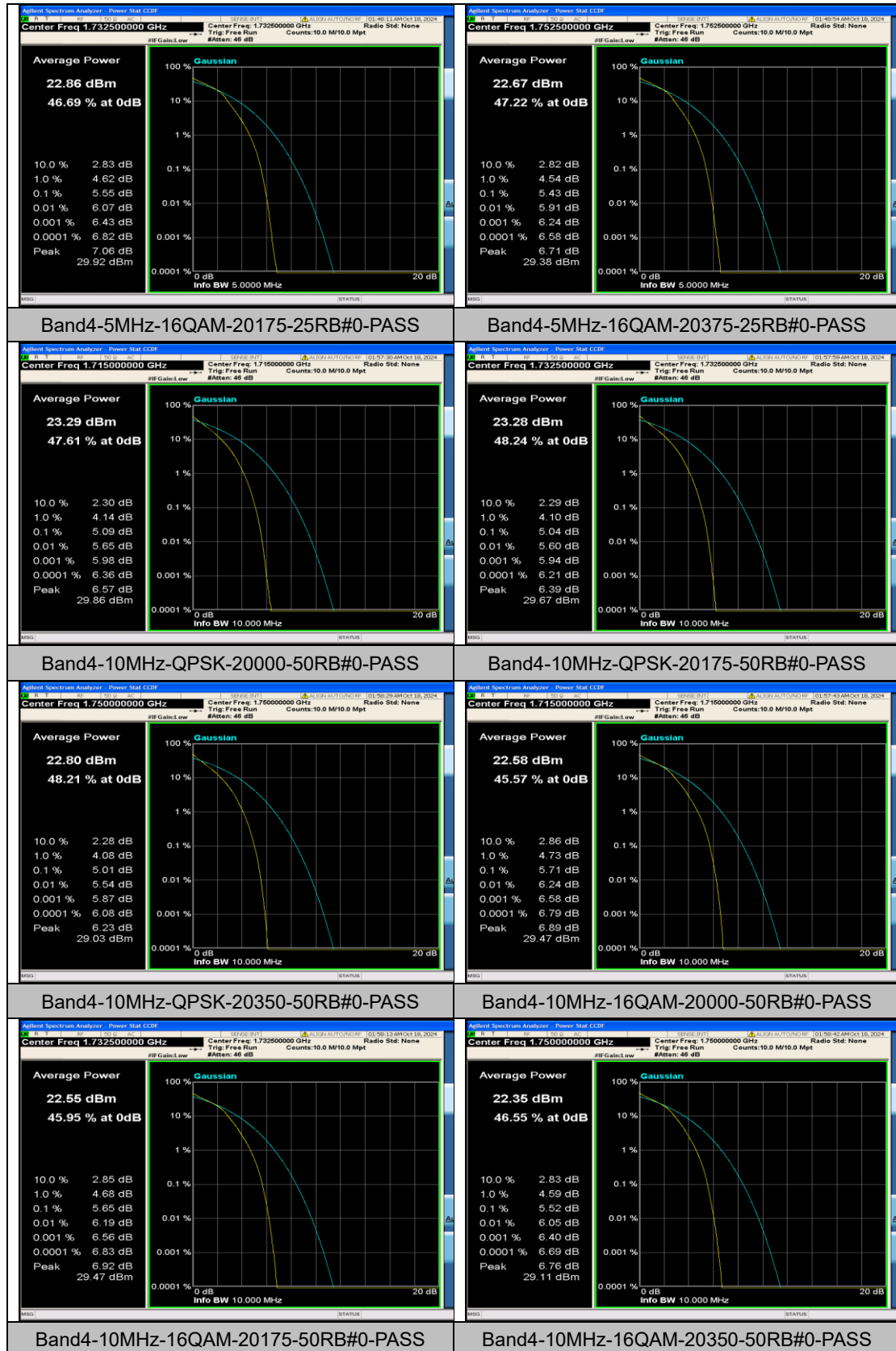
Test Result

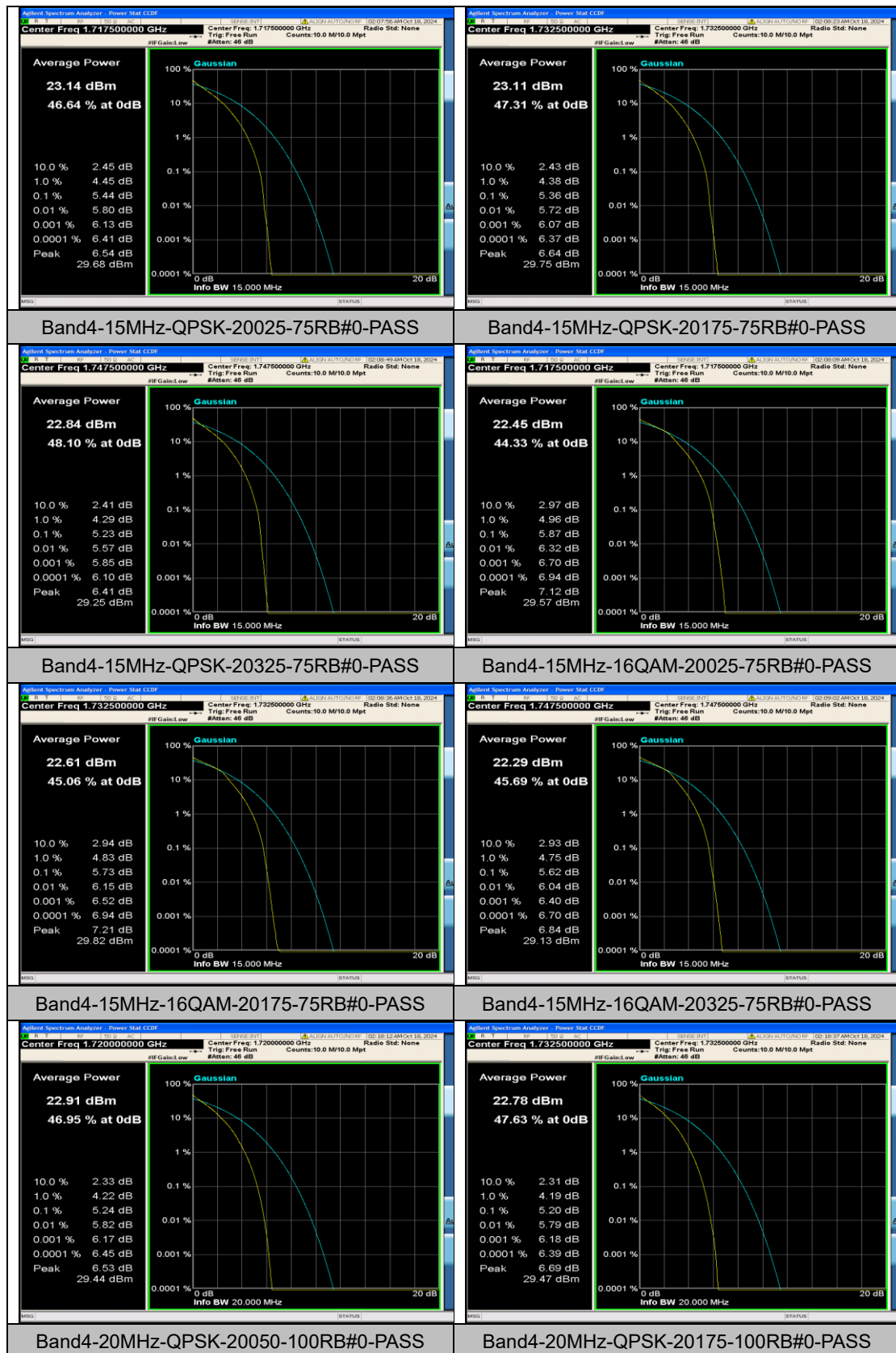
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	4.49	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.51	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.46	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.03	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.04	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	4.97	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.99	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.97	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.94	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.50	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.47	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.46	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.00	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.95	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.95	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.58	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.55	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.43	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.09	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.04	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.01	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.71	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.65	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.52	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.44	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.36	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.23	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.87	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.73	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.62	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.24	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.20	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.04	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.89	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.74	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.61	13	PASS

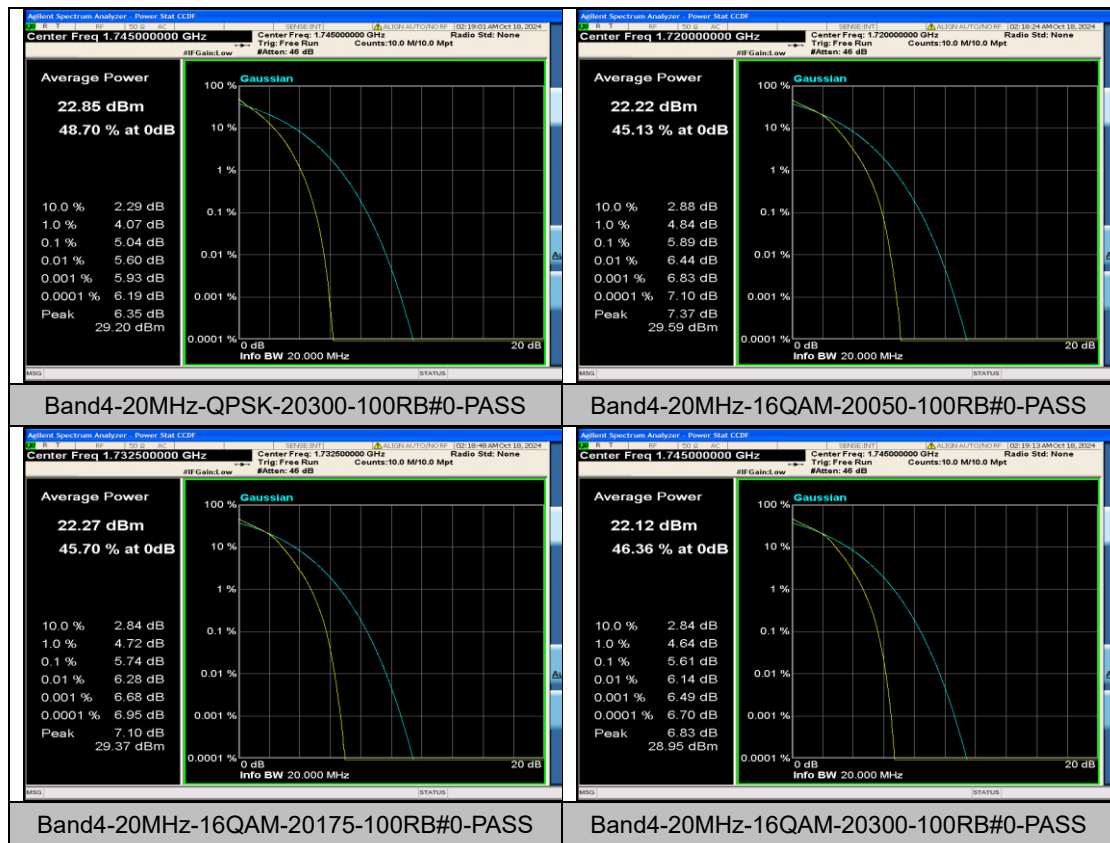
Test Graphs











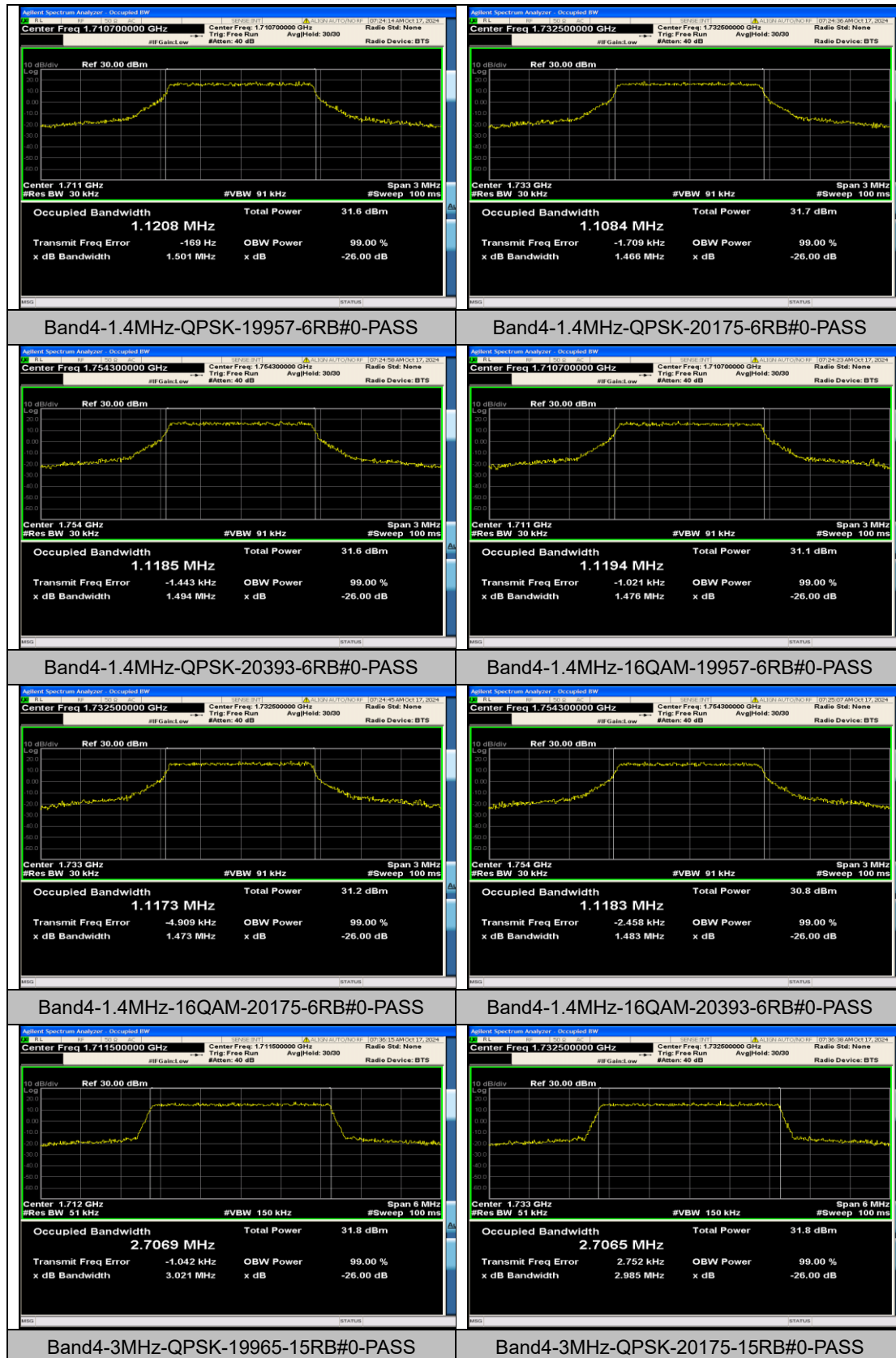
Appendix C: 26dB Bandwidth and Occupied Bandwidth

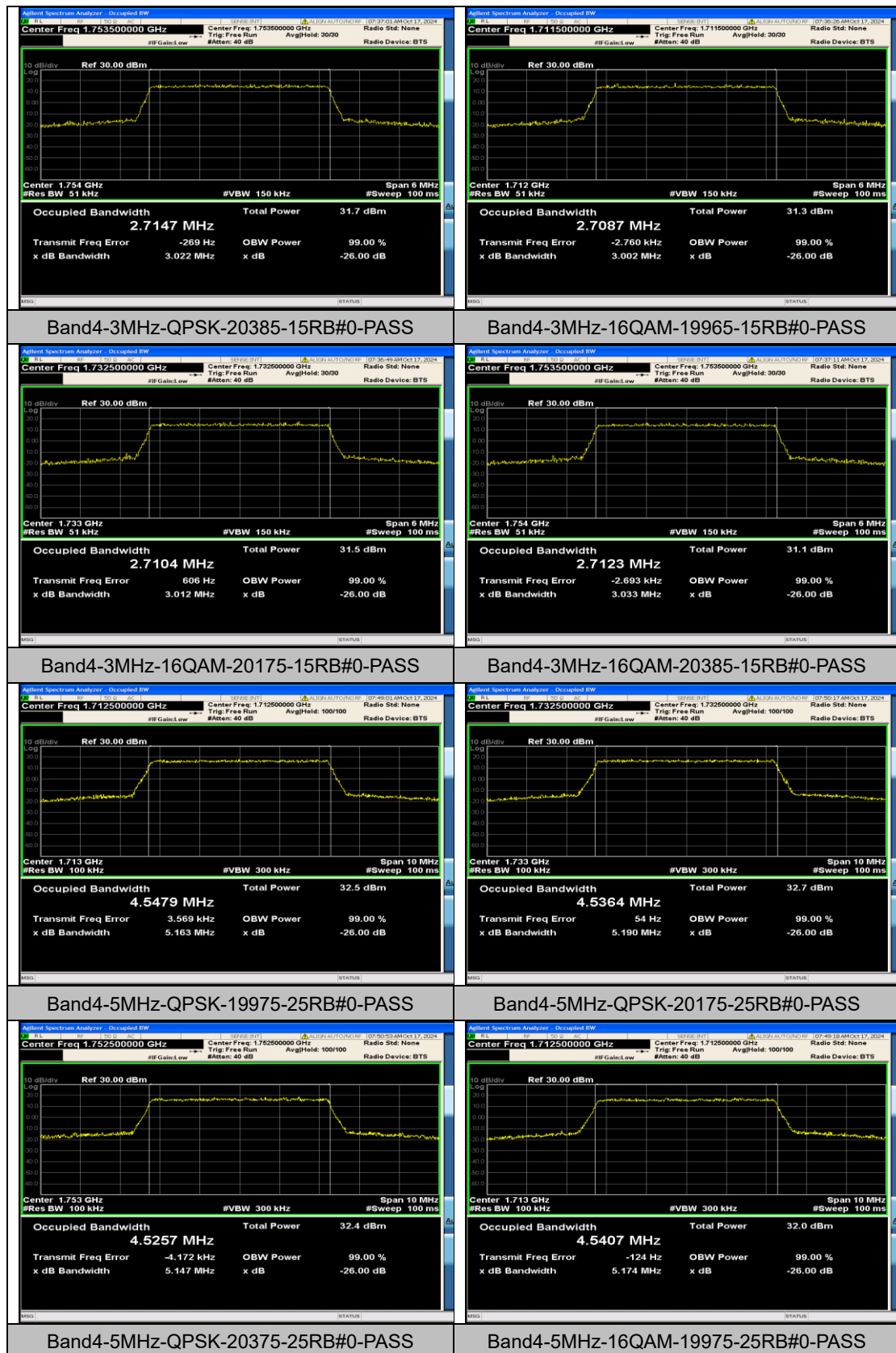
Test Result

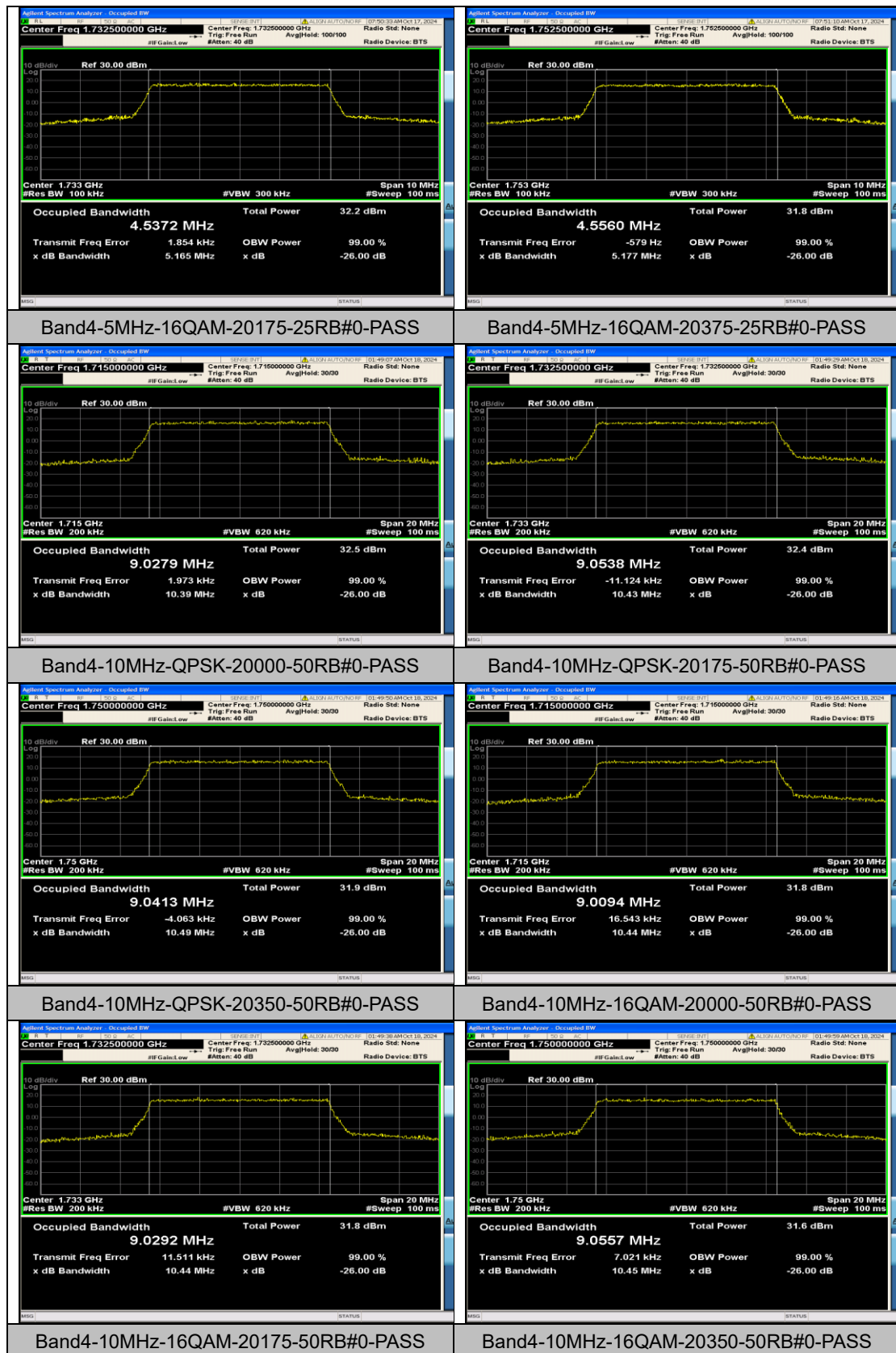
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.1208	1.501	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.1084	1.466	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1185	1.494	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1194	1.476	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1173	1.473	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1183	1.483	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7069	3.021	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7065	2.985	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7147	3.022	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7087	3.002	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7104	3.012	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7123	3.033	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5479	5.163	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5364	5.190	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5257	5.147	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5407	5.174	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5372	5.165	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5560	5.177	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0279	10.39	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0538	10.43	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0413	10.49	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0094	10.44	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0292	10.44	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0557	10.45	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.597	15.64	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.557	15.75	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.557	15.68	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.548	15.83	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.573	15.78	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.555	15.91	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.185	25.48	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.203	25.23	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.179	26.78	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.173	25.63	PASS

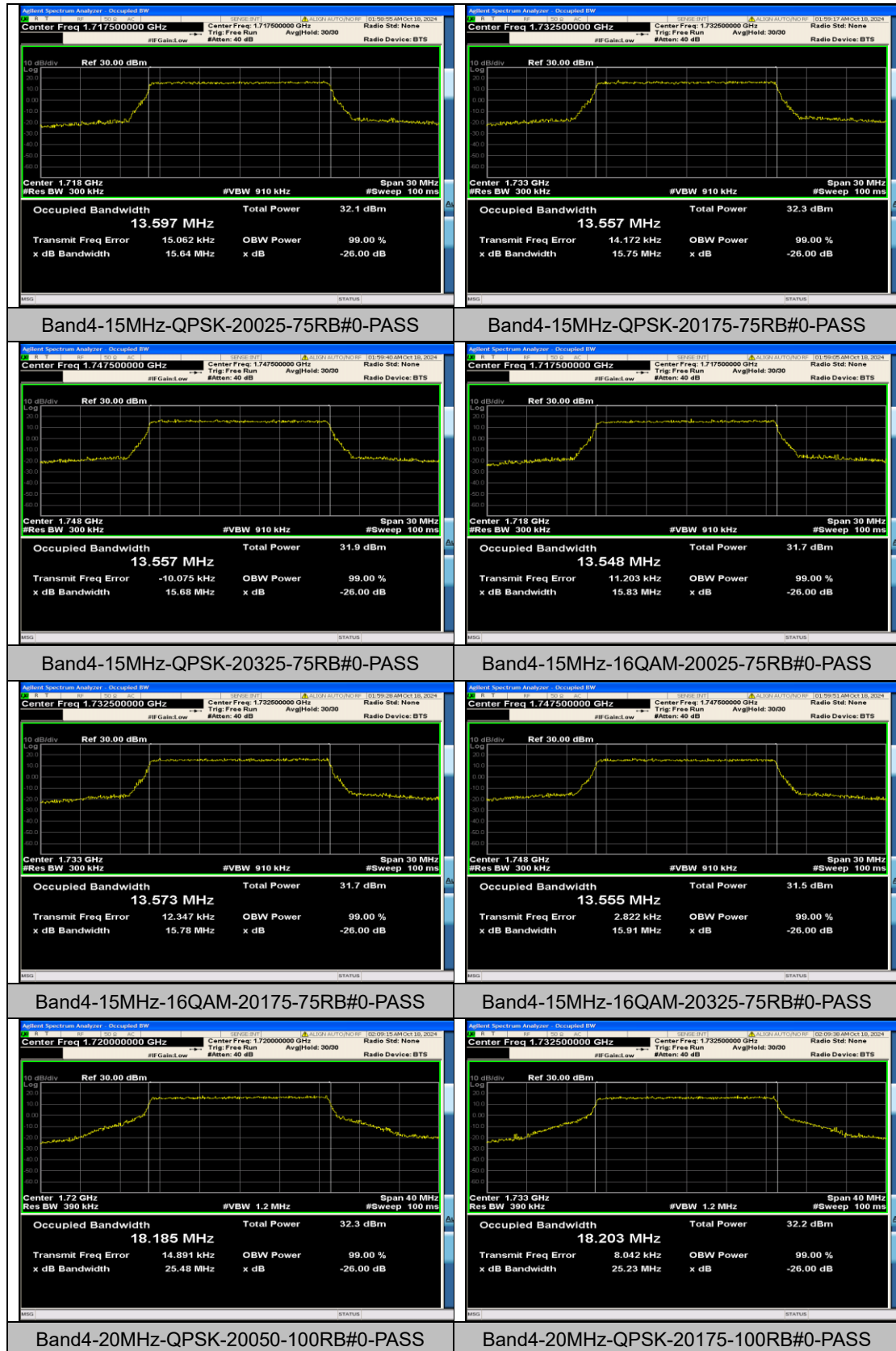
Band4	20MHz	16QAM	20175	100RB#0	18.147	26.23	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.199	25.60	PASS

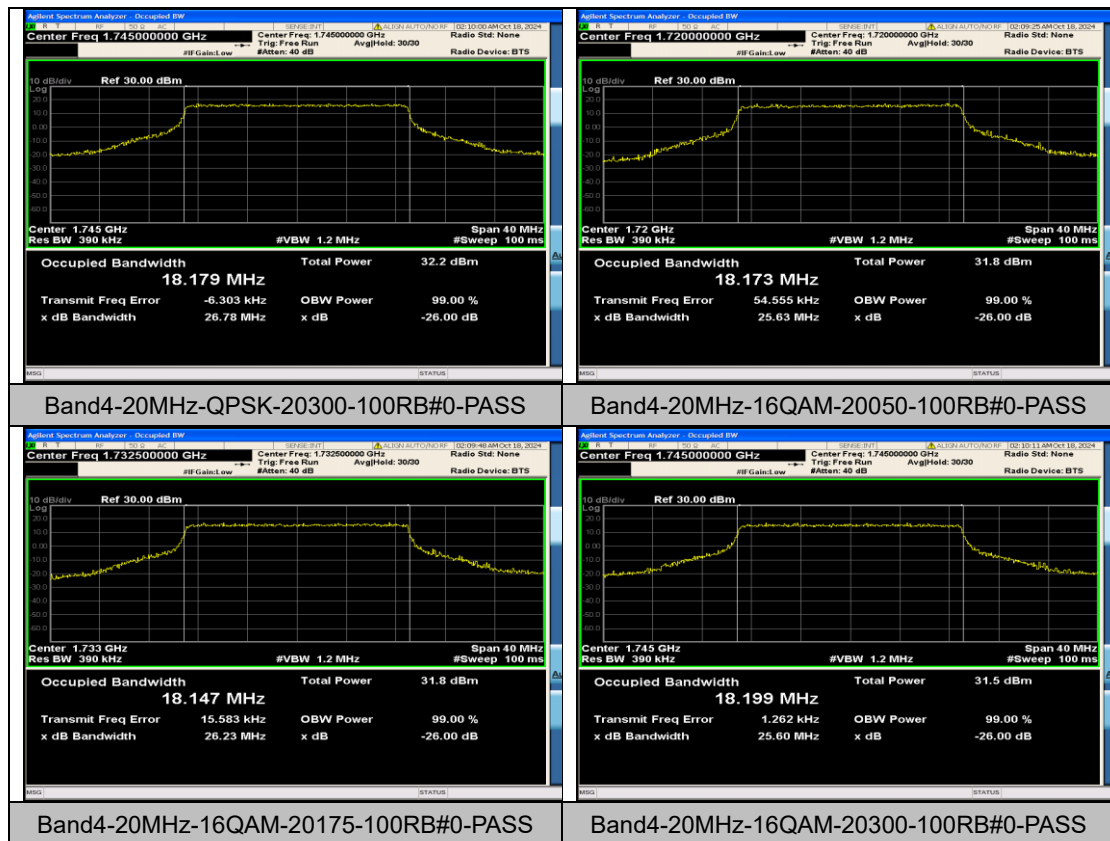
Test Graphs









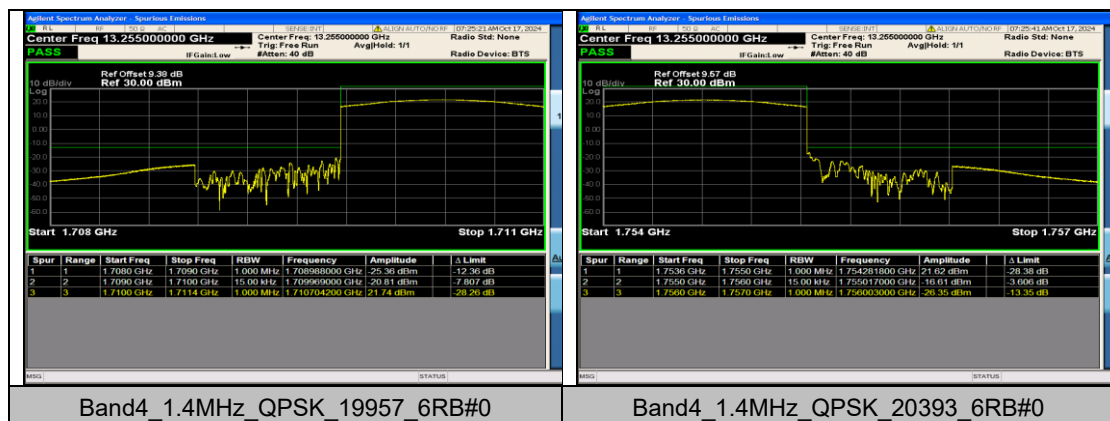


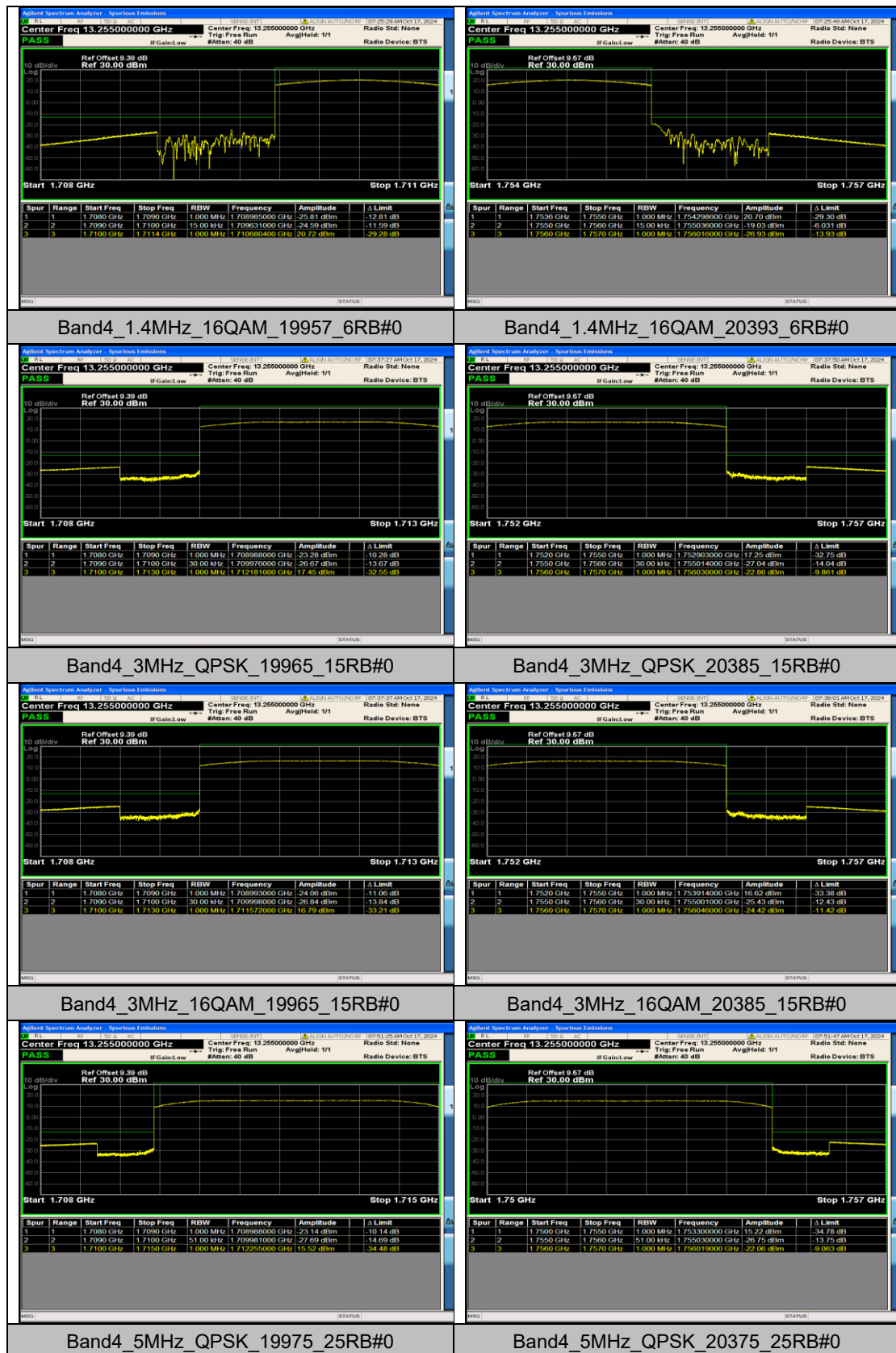
Appendix D: Band Edge

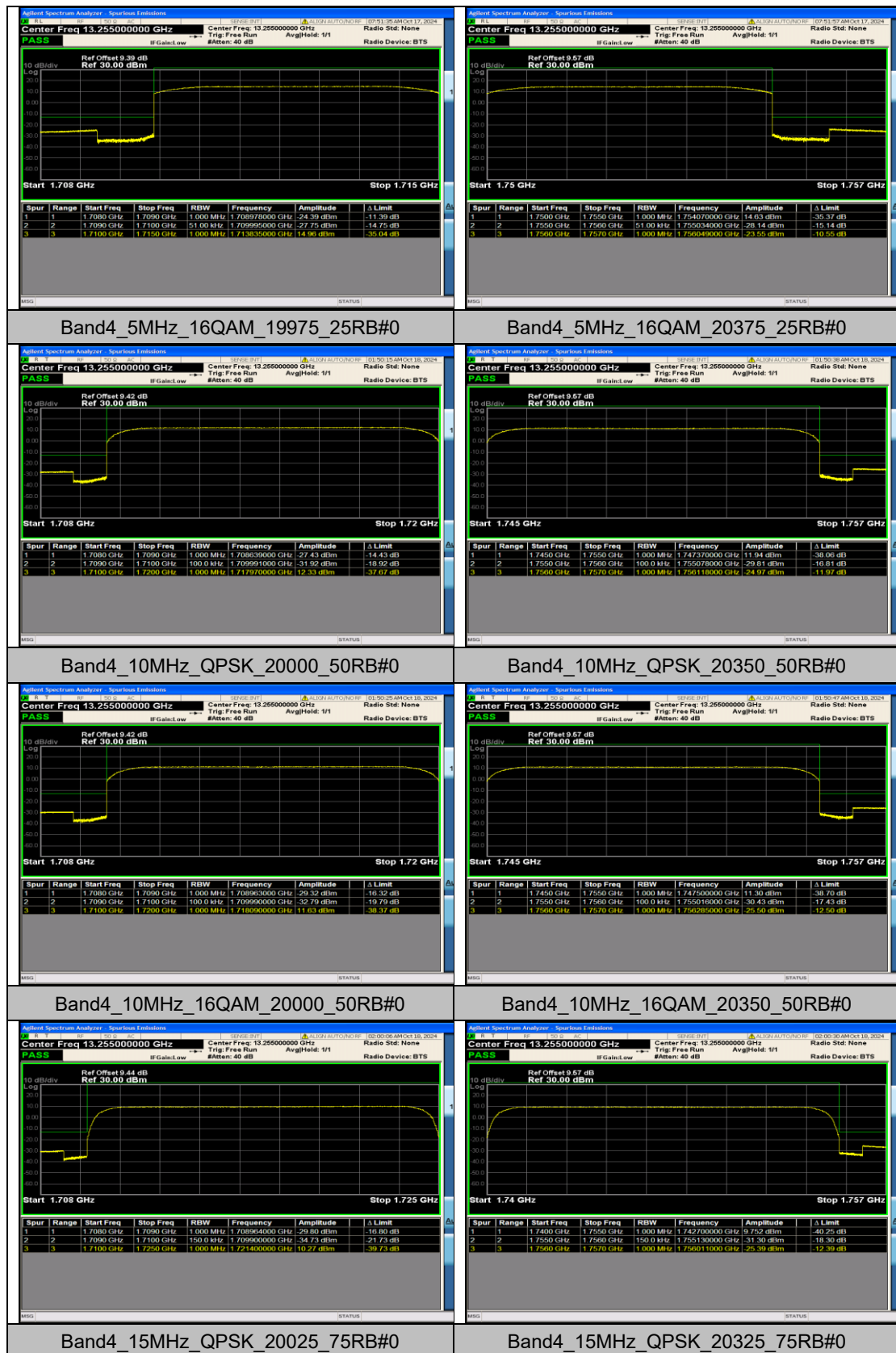
Test Result

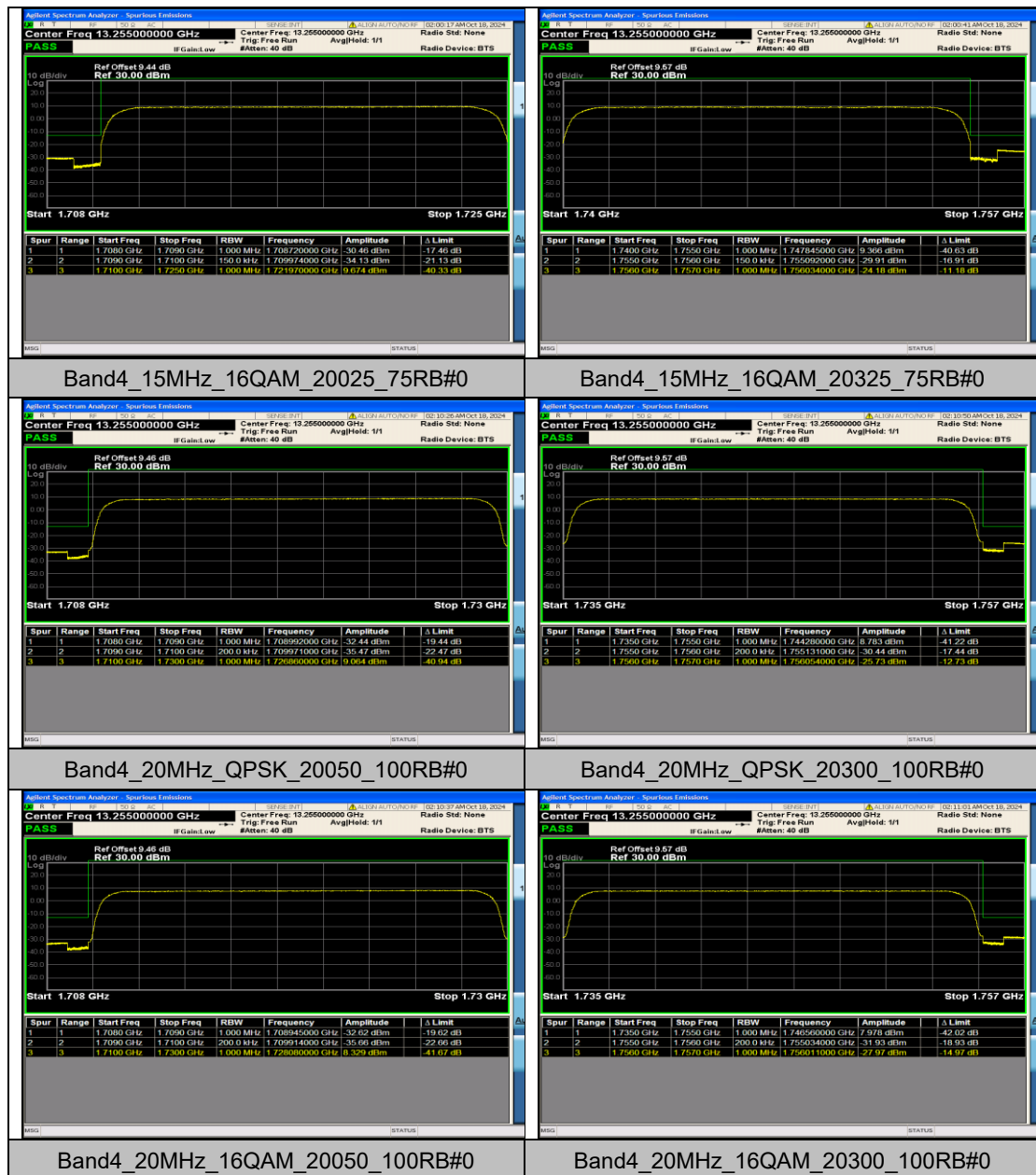
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-20.81	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-16.61	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-24.59	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-19.03	PASS
Band4	3MHz	QPSK	19965	15RB#0	-23.28	PASS
Band4	3MHz	QPSK	20385	15RB#0	-22.86	PASS
Band4	3MHz	16QAM	19965	15RB#0	-24.06	PASS
Band4	3MHz	16QAM	20385	15RB#0	-24.42	PASS
Band4	5MHz	QPSK	19975	25RB#0	-23.14	PASS
Band4	5MHz	QPSK	20375	25RB#0	-22.06	PASS
Band4	5MHz	16QAM	19975	25RB#0	-24.39	PASS
Band4	5MHz	16QAM	20375	25RB#0	-23.55	PASS
Band4	10MHz	QPSK	20000	50RB#0	-27.43	PASS
Band4	10MHz	QPSK	20350	50RB#0	-24.97	PASS
Band4	10MHz	16QAM	20000	50RB#0	-29.32	PASS
Band4	10MHz	16QAM	20350	50RB#0	-25.50	PASS
Band4	15MHz	QPSK	20025	75RB#0	-29.80	PASS
Band4	15MHz	QPSK	20325	75RB#0	-25.39	PASS
Band4	15MHz	16QAM	20025	75RB#0	-30.46	PASS
Band4	15MHz	16QAM	20325	75RB#0	-24.18	PASS
Band4	20MHz	QPSK	20050	100RB#0	-32.44	PASS
Band4	20MHz	QPSK	20300	100RB#0	-25.73	PASS
Band4	20MHz	16QAM	20050	100RB#0	-32.62	PASS
Band4	20MHz	16QAM	20300	100RB#0	-27.97	PASS

Test Graphs









Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	0.009~0.15	-64.88	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	0.15~30	-53.08	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	30~1000	-62.14	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1000~3000	-35.44	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	3000~20000	-37.84	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	0.009~0.15	-63.63	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	0.15~30	-54.75	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	30~1000	-61.56	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1000~3000	-35.37	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	3000~20000	-37.91	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	0.009~0.15	-66.15	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	0.15~30	-55.71	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	30~1000	-61.98	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1000~3000	-37.02	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	3000~20000	-37.43	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	0.009~0.15	-61.44	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	0.15~30	-51.77	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	30~1000	-62.05	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1000~3000	-37.71	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	3000~20000	-38.06	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	0.009~0.15	-63.15	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	0.15~30	-56.04	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	30~1000	-61.95	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1000~3000	-35.44	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	3000~20000	-38.08	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	0.009~0.15	-61.49	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	0.15~30	-54.32	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	30~1000	-61.62	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1000~3000	-36.60	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	3000~20000	-37.89	PASS
Band4	3MHz	QPSK	19965	15RB#0	0.009~0.15	-63.26	PASS
Band4	3MHz	QPSK	19965	15RB#0	0.15~30	-52.21	PASS
Band4	3MHz	QPSK	19965	15RB#0	30~1000	-61.95	PASS
Band4	3MHz	QPSK	19965	15RB#0	1000~3000	-38.39	PASS
Band4	3MHz	QPSK	19965	15RB#0	3000~20000	-36.93	PASS
Band4	3MHz	QPSK	20175	15RB#0	0.009~0.15	-64.30	PASS

Band4	3MHz	QPSK	20175	15RB#0	0.15~30	-53.57	PASS
Band4	3MHz	QPSK	20175	15RB#0	30~1000	-62.10	PASS
Band4	3MHz	QPSK	20175	15RB#0	1000~3000	-40.30	PASS
Band4	3MHz	QPSK	20175	15RB#0	3000~20000	-37.91	PASS
Band4	3MHz	QPSK	20385	15RB#0	0.009~0.15	-63.80	PASS
Band4	3MHz	QPSK	20385	15RB#0	0.15~30	-52.94	PASS
Band4	3MHz	QPSK	20385	15RB#0	30~1000	-61.90	PASS
Band4	3MHz	QPSK	20385	15RB#0	1000~3000	-41.50	PASS
Band4	3MHz	QPSK	20385	15RB#0	3000~20000	-38.13	PASS
Band4	3MHz	16QAM	19965	15RB#0	0.009~0.15	-65.20	PASS
Band4	3MHz	16QAM	19965	15RB#0	0.15~30	-53.47	PASS
Band4	3MHz	16QAM	19965	15RB#0	30~1000	-61.90	PASS
Band4	3MHz	16QAM	19965	15RB#0	1000~3000	-38.58	PASS
Band4	3MHz	16QAM	19965	15RB#0	3000~20000	-37.59	PASS
Band4	3MHz	16QAM	20175	15RB#0	0.009~0.15	-64.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	0.15~30	-55.04	PASS
Band4	3MHz	16QAM	20175	15RB#0	30~1000	-61.52	PASS
Band4	3MHz	16QAM	20175	15RB#0	1000~3000	-35.67	PASS
Band4	3MHz	16QAM	20175	15RB#0	3000~20000	-37.34	PASS
Band4	3MHz	16QAM	20385	15RB#0	0.009~0.15	-64.06	PASS
Band4	3MHz	16QAM	20385	15RB#0	0.15~30	-53.24	PASS
Band4	3MHz	16QAM	20385	15RB#0	30~1000	-61.52	PASS
Band4	3MHz	16QAM	20385	15RB#0	1000~3000	-38.62	PASS
Band4	3MHz	16QAM	20385	15RB#0	3000~20000	-37.84	PASS
Band4	5MHz	QPSK	19975	25RB#0	0.009~0.15	-64.70	PASS
Band4	5MHz	QPSK	19975	25RB#0	0.15~30	-55.39	PASS
Band4	5MHz	QPSK	19975	25RB#0	30~1000	-61.62	PASS
Band4	5MHz	QPSK	19975	25RB#0	1000~3000	-41.38	PASS
Band4	5MHz	QPSK	19975	25RB#0	3000~20000	-37.35	PASS
Band4	5MHz	QPSK	20175	25RB#0	0.009~0.15	-60.21	PASS
Band4	5MHz	QPSK	20175	25RB#0	0.15~30	-54.60	PASS
Band4	5MHz	QPSK	20175	25RB#0	30~1000	-62.02	PASS
Band4	5MHz	QPSK	20175	25RB#0	1000~3000	-43.28	PASS
Band4	5MHz	QPSK	20175	25RB#0	3000~20000	-37.25	PASS
Band4	5MHz	QPSK	20375	25RB#0	0.009~0.15	-64.51	PASS
Band4	5MHz	QPSK	20375	25RB#0	0.15~30	-52.54	PASS
Band4	5MHz	QPSK	20375	25RB#0	30~1000	-61.73	PASS
Band4	5MHz	QPSK	20375	25RB#0	1000~3000	-41.94	PASS
Band4	5MHz	QPSK	20375	25RB#0	3000~20000	-37.55	PASS
Band4	5MHz	16QAM	19975	25RB#0	0.009~0.15	-62.36	PASS
Band4	5MHz	16QAM	19975	25RB#0	0.15~30	-53.63	PASS
Band4	5MHz	16QAM	19975	25RB#0	30~1000	-62.03	PASS
Band4	5MHz	16QAM	19975	25RB#0	1000~3000	-41.49	PASS

Band4	5MHz	16QAM	19975	25RB#0	3000~20000	-38.10	PASS
Band4	5MHz	16QAM	20175	25RB#0	0.009~0.15	-62.25	PASS
Band4	5MHz	16QAM	20175	25RB#0	0.15~30	-52.26	PASS
Band4	5MHz	16QAM	20175	25RB#0	30~1000	-61.86	PASS
Band4	5MHz	16QAM	20175	25RB#0	1000~3000	-43.78	PASS
Band4	5MHz	16QAM	20175	25RB#0	3000~20000	-37.50	PASS
Band4	5MHz	16QAM	20375	25RB#0	0.009~0.15	-65.06	PASS
Band4	5MHz	16QAM	20375	25RB#0	0.15~30	-54.25	PASS
Band4	5MHz	16QAM	20375	25RB#0	30~1000	-61.67	PASS
Band4	5MHz	16QAM	20375	25RB#0	1000~3000	-43.57	PASS
Band4	5MHz	16QAM	20375	25RB#0	3000~20000	-37.55	PASS
Band4	10MHz	QPSK	20000	50RB#0	0.009~0.15	-66.26	PASS
Band4	10MHz	QPSK	20000	50RB#0	0.15~30	-52.53	PASS
Band4	10MHz	QPSK	20000	50RB#0	30~1000	-62.24	PASS
Band4	10MHz	QPSK	20000	50RB#0	1000~3000	-44.46	PASS
Band4	10MHz	QPSK	20000	50RB#0	3000~20000	-37.80	PASS
Band4	10MHz	QPSK	20175	50RB#0	0.009~0.15	-62.54	PASS
Band4	10MHz	QPSK	20175	50RB#0	0.15~30	-52.99	PASS
Band4	10MHz	QPSK	20175	50RB#0	30~1000	-61.83	PASS
Band4	10MHz	QPSK	20175	50RB#0	1000~3000	-46.17	PASS
Band4	10MHz	QPSK	20175	50RB#0	3000~20000	-37.59	PASS
Band4	10MHz	QPSK	20350	50RB#0	0.009~0.15	-64.08	PASS
Band4	10MHz	QPSK	20350	50RB#0	0.15~30	-54.57	PASS
Band4	10MHz	QPSK	20350	50RB#0	30~1000	-62.16	PASS
Band4	10MHz	QPSK	20350	50RB#0	1000~3000	-46.40	PASS
Band4	10MHz	QPSK	20350	50RB#0	3000~20000	-37.66	PASS
Band4	10MHz	16QAM	20000	50RB#0	0.009~0.15	-63.38	PASS
Band4	10MHz	16QAM	20000	50RB#0	0.15~30	-53.61	PASS
Band4	10MHz	16QAM	20000	50RB#0	30~1000	-61.85	PASS
Band4	10MHz	16QAM	20000	50RB#0	1000~3000	-45.28	PASS
Band4	10MHz	16QAM	20000	50RB#0	3000~20000	-37.69	PASS
Band4	10MHz	16QAM	20175	50RB#0	0.009~0.15	-64.57	PASS
Band4	10MHz	16QAM	20175	50RB#0	0.15~30	-52.69	PASS
Band4	10MHz	16QAM	20175	50RB#0	30~1000	-61.87	PASS
Band4	10MHz	16QAM	20175	50RB#0	1000~3000	-45.96	PASS
Band4	10MHz	16QAM	20175	50RB#0	3000~20000	-38.19	PASS
Band4	10MHz	16QAM	20350	50RB#0	0.009~0.15	-63.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	0.15~30	-53.47	PASS
Band4	10MHz	16QAM	20350	50RB#0	30~1000	-62.09	PASS
Band4	10MHz	16QAM	20350	50RB#0	1000~3000	-46.35	PASS
Band4	10MHz	16QAM	20350	50RB#0	3000~20000	-37.48	PASS
Band4	15MHz	QPSK	20025	75RB#0	0.009~0.15	-63.22	PASS
Band4	15MHz	QPSK	20025	75RB#0	0.15~30	-55.48	PASS

Band4	15MHz	QPSK	20025	75RB#0	30~1000	-61.85	PASS
Band4	15MHz	QPSK	20025	75RB#0	1000~3000	-44.58	PASS
Band4	15MHz	QPSK	20025	75RB#0	3000~20000	-37.81	PASS
Band4	15MHz	QPSK	20175	75RB#0	0.009~0.15	-64.98	PASS
Band4	15MHz	QPSK	20175	75RB#0	0.15~30	-53.66	PASS
Band4	15MHz	QPSK	20175	75RB#0	30~1000	-62.17	PASS
Band4	15MHz	QPSK	20175	75RB#0	1000~3000	-45.77	PASS
Band4	15MHz	QPSK	20175	75RB#0	3000~20000	-37.60	PASS
Band4	15MHz	QPSK	20325	75RB#0	0.009~0.15	-65.55	PASS
Band4	15MHz	QPSK	20325	75RB#0	0.15~30	-53.68	PASS
Band4	15MHz	QPSK	20325	75RB#0	30~1000	-61.96	PASS
Band4	15MHz	QPSK	20325	75RB#0	1000~3000	-46.82	PASS
Band4	15MHz	QPSK	20325	75RB#0	3000~20000	-37.47	PASS
Band4	15MHz	16QAM	20025	75RB#0	0.009~0.15	-63.66	PASS
Band4	15MHz	16QAM	20025	75RB#0	0.15~30	-55.26	PASS
Band4	15MHz	16QAM	20025	75RB#0	30~1000	-61.92	PASS
Band4	15MHz	16QAM	20025	75RB#0	1000~3000	-44.96	PASS
Band4	15MHz	16QAM	20025	75RB#0	3000~20000	-37.78	PASS
Band4	15MHz	16QAM	20175	75RB#0	0.009~0.15	-62.82	PASS
Band4	15MHz	16QAM	20175	75RB#0	0.15~30	-54.17	PASS
Band4	15MHz	16QAM	20175	75RB#0	30~1000	-62.10	PASS
Band4	15MHz	16QAM	20175	75RB#0	1000~3000	-45.66	PASS
Band4	15MHz	16QAM	20175	75RB#0	3000~20000	-38.09	PASS
Band4	15MHz	16QAM	20325	75RB#0	0.009~0.15	-61.20	PASS
Band4	15MHz	16QAM	20325	75RB#0	0.15~30	-53.99	PASS
Band4	15MHz	16QAM	20325	75RB#0	30~1000	-62.18	PASS
Band4	15MHz	16QAM	20325	75RB#0	1000~3000	-46.70	PASS
Band4	15MHz	16QAM	20325	75RB#0	3000~20000	-37.89	PASS
Band4	20MHz	QPSK	20050	100RB#0	0.009~0.15	-63.80	PASS
Band4	20MHz	QPSK	20050	100RB#0	0.15~30	-52.47	PASS
Band4	20MHz	QPSK	20050	100RB#0	30~1000	-62.05	PASS
Band4	20MHz	QPSK	20050	100RB#0	1000~3000	-46.76	PASS
Band4	20MHz	QPSK	20050	100RB#0	3000~20000	-37.89	PASS
Band4	20MHz	QPSK	20175	100RB#0	0.009~0.15	-62.52	PASS
Band4	20MHz	QPSK	20175	100RB#0	0.15~30	-55.14	PASS
Band4	20MHz	QPSK	20175	100RB#0	30~1000	-61.87	PASS
Band4	20MHz	QPSK	20175	100RB#0	1000~3000	-46.70	PASS
Band4	20MHz	QPSK	20175	100RB#0	3000~20000	-37.82	PASS
Band4	20MHz	QPSK	20300	100RB#0	0.009~0.15	-62.18	PASS
Band4	20MHz	QPSK	20300	100RB#0	0.15~30	-53.67	PASS
Band4	20MHz	QPSK	20300	100RB#0	30~1000	-61.70	PASS
Band4	20MHz	QPSK	20300	100RB#0	1000~3000	-46.17	PASS
Band4	20MHz	QPSK	20300	100RB#0	3000~20000	-37.41	PASS