

FCC LTE Band Test Data

FCC ID : 2BMB5-RL553

Company: : GUBIA TECHNOLOGY LIMITED

EUT : 4G LTE Wireless Router

Model Number : RL553

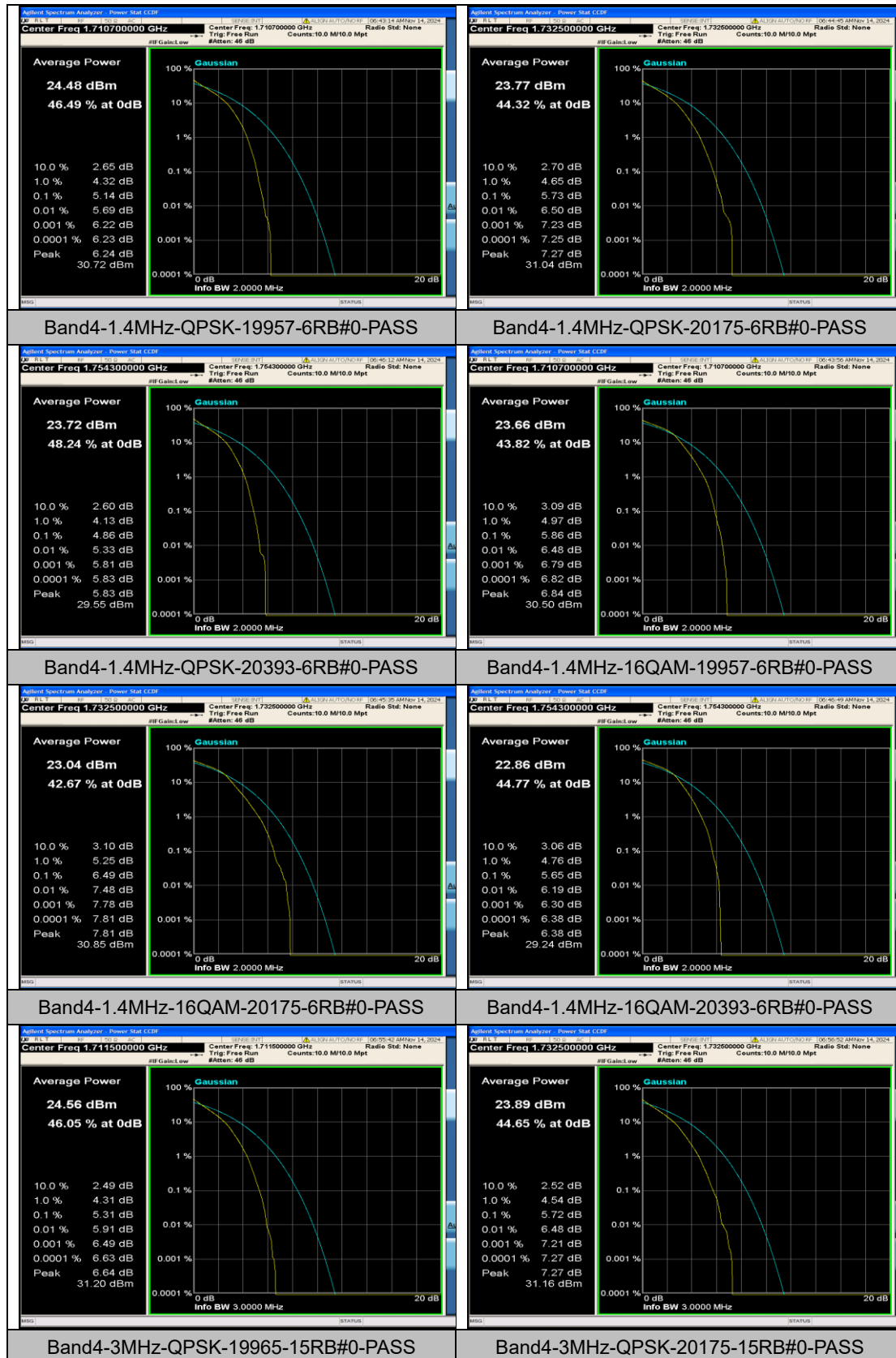
Reviewed By : Eric Wang

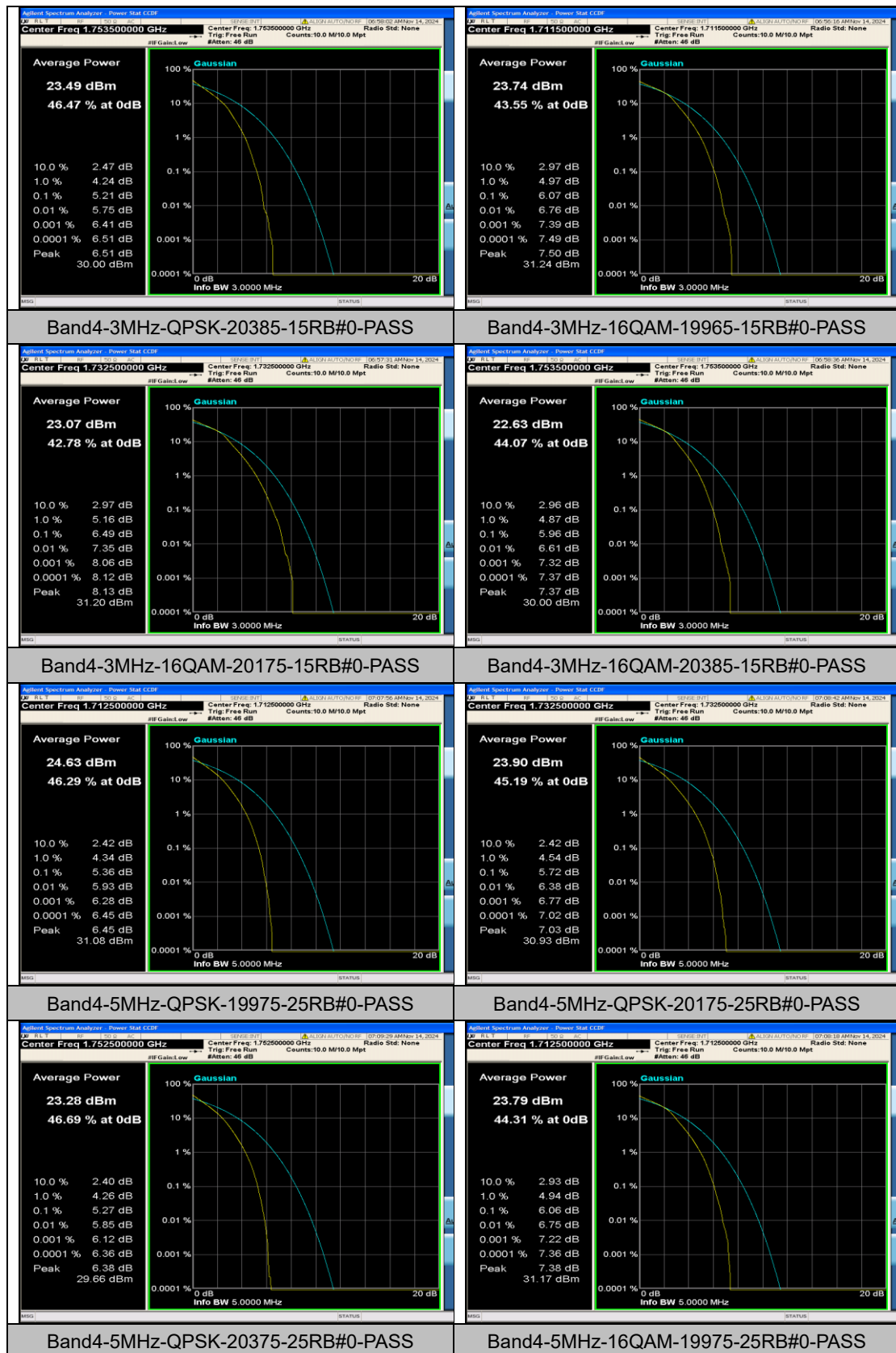
Appendix B: Peak-to-Average Ratio(CCDF)

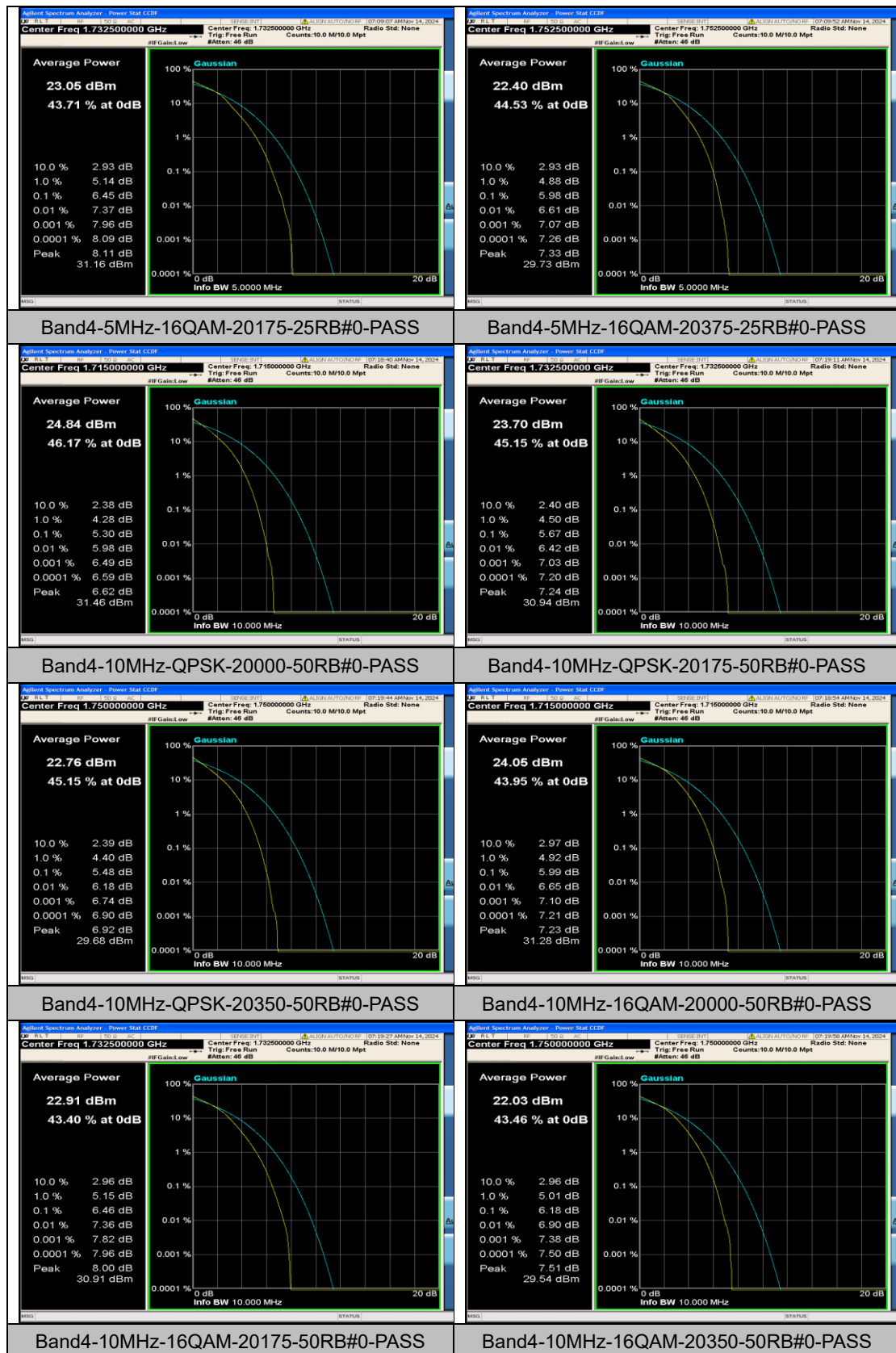
Test Result

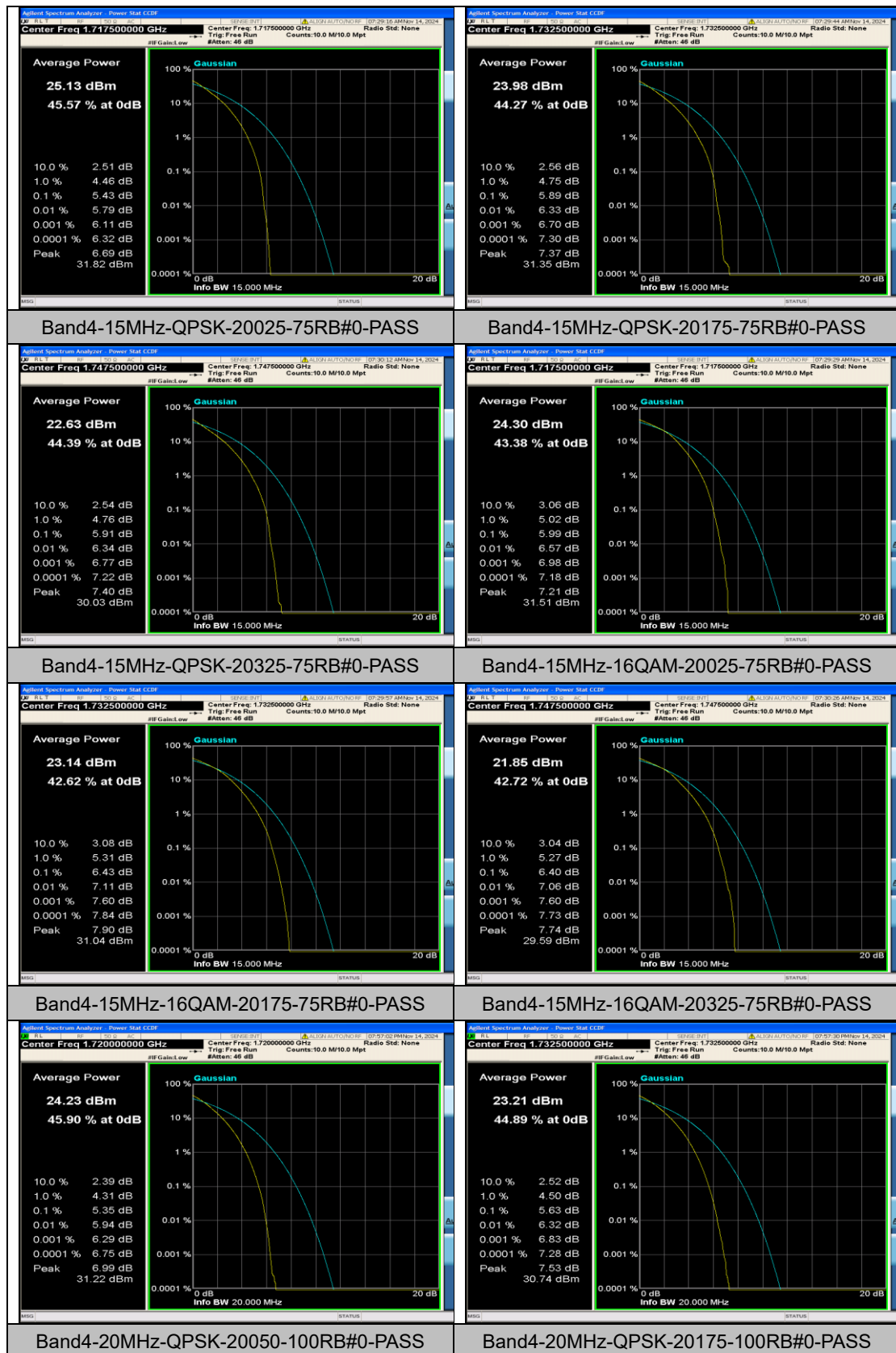
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.14	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.73	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.86	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.86	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.49	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.65	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.31	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.72	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.21	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.07	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.49	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.96	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.36	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.72	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.27	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.06	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.45	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.98	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.30	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.67	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.48	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.99	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.46	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.18	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.43	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.89	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.91	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.99	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.43	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.40	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.35	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.63	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.78	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.12	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.43	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.51	13	PASS

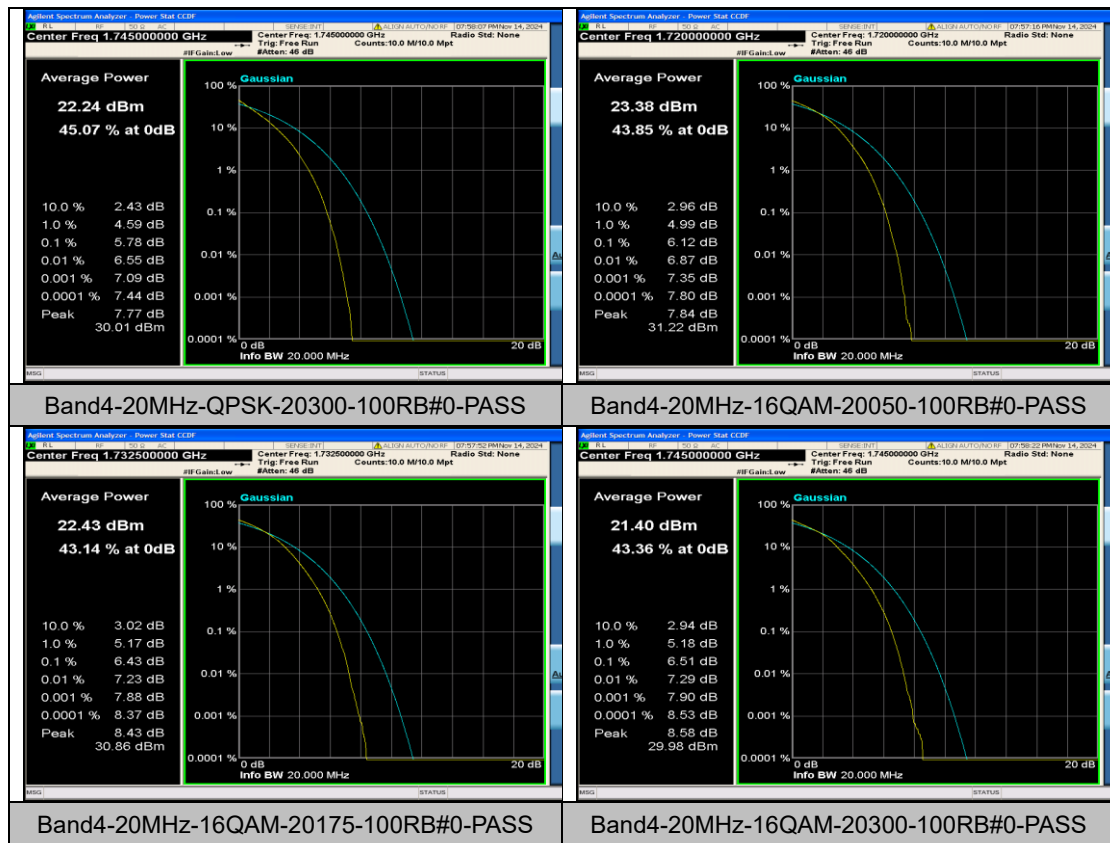
Test Graphs











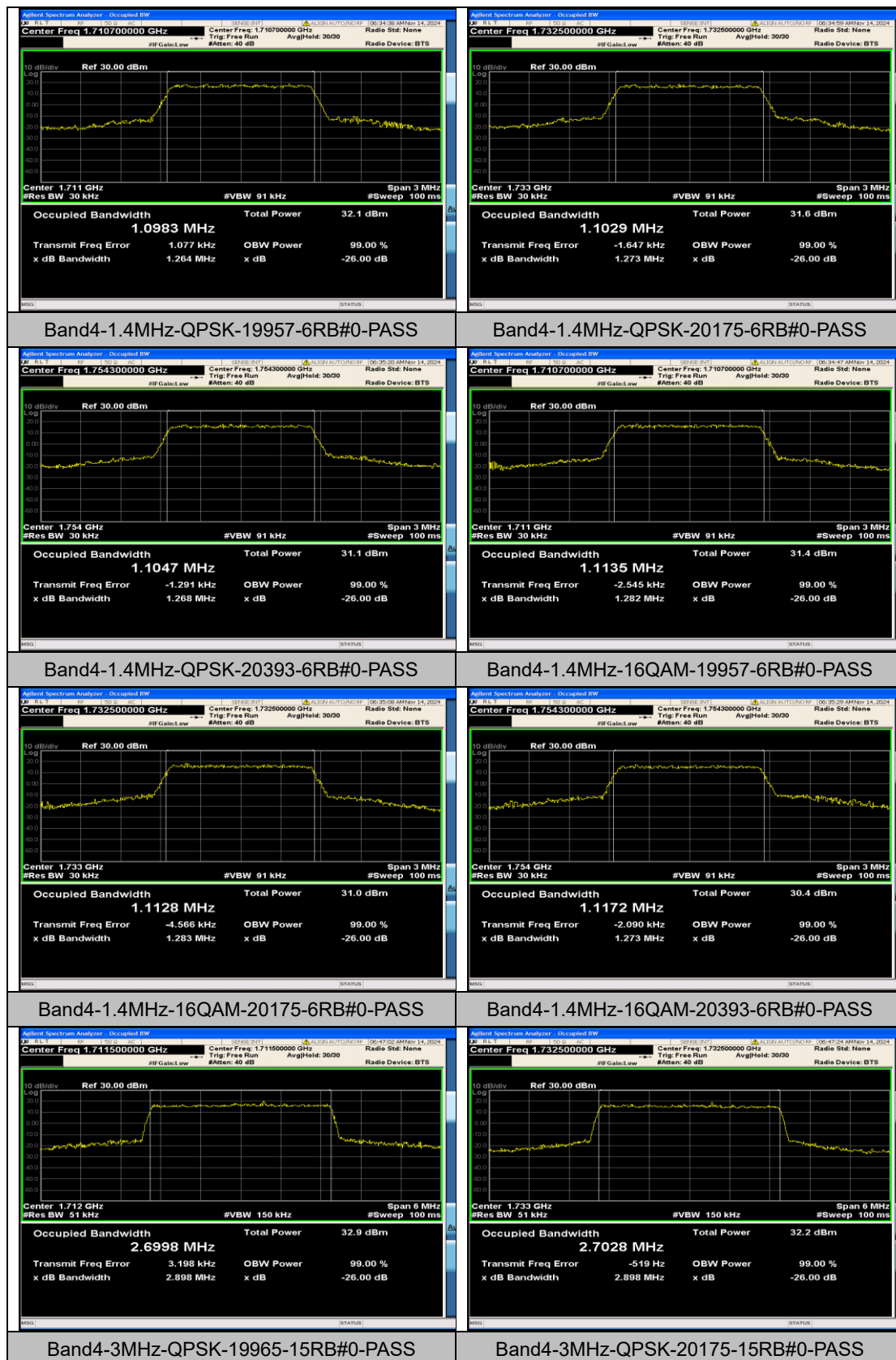
Appendix C: 26dB Bandwidth and Occupied Bandwidth

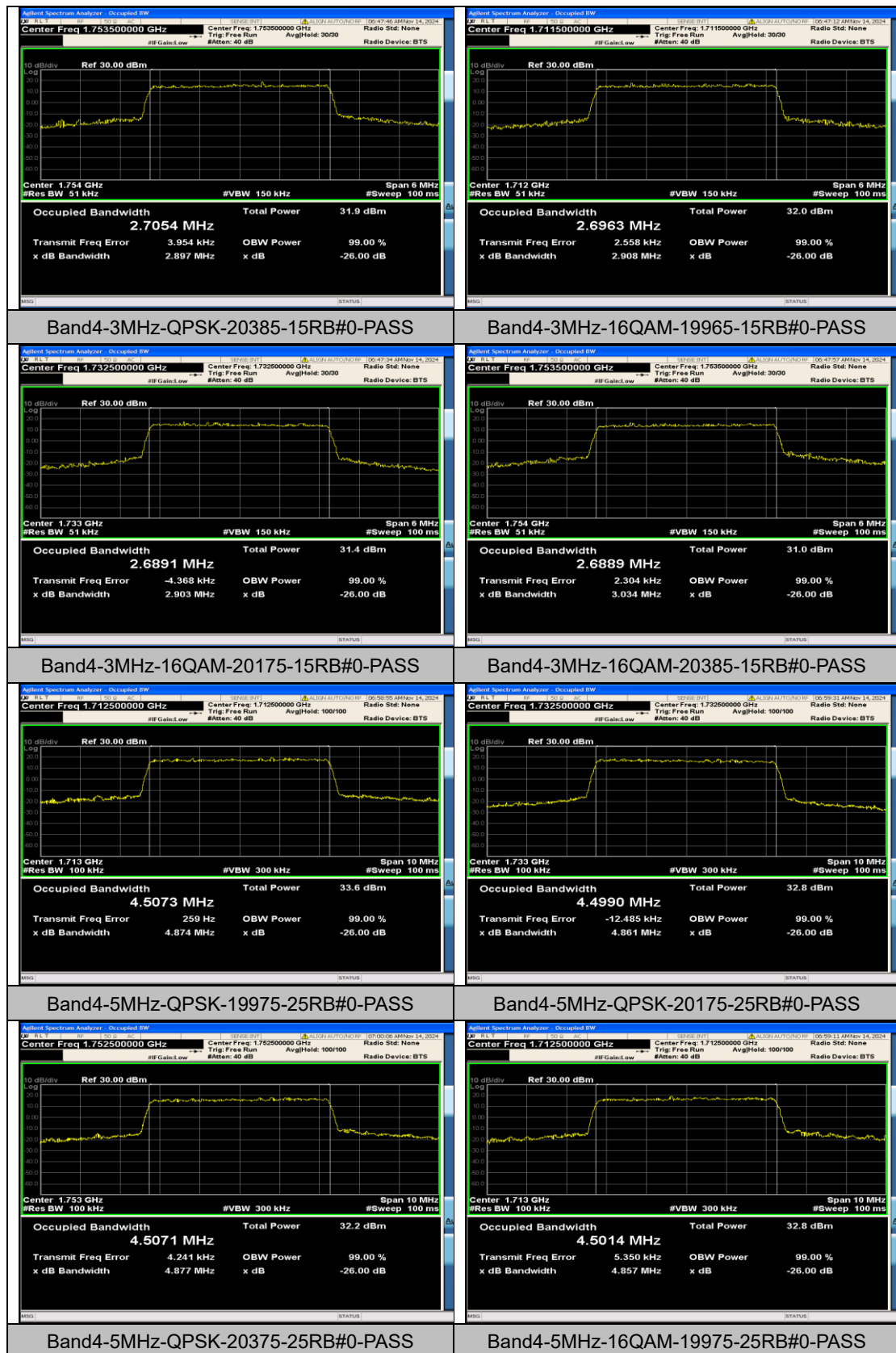
Test Result

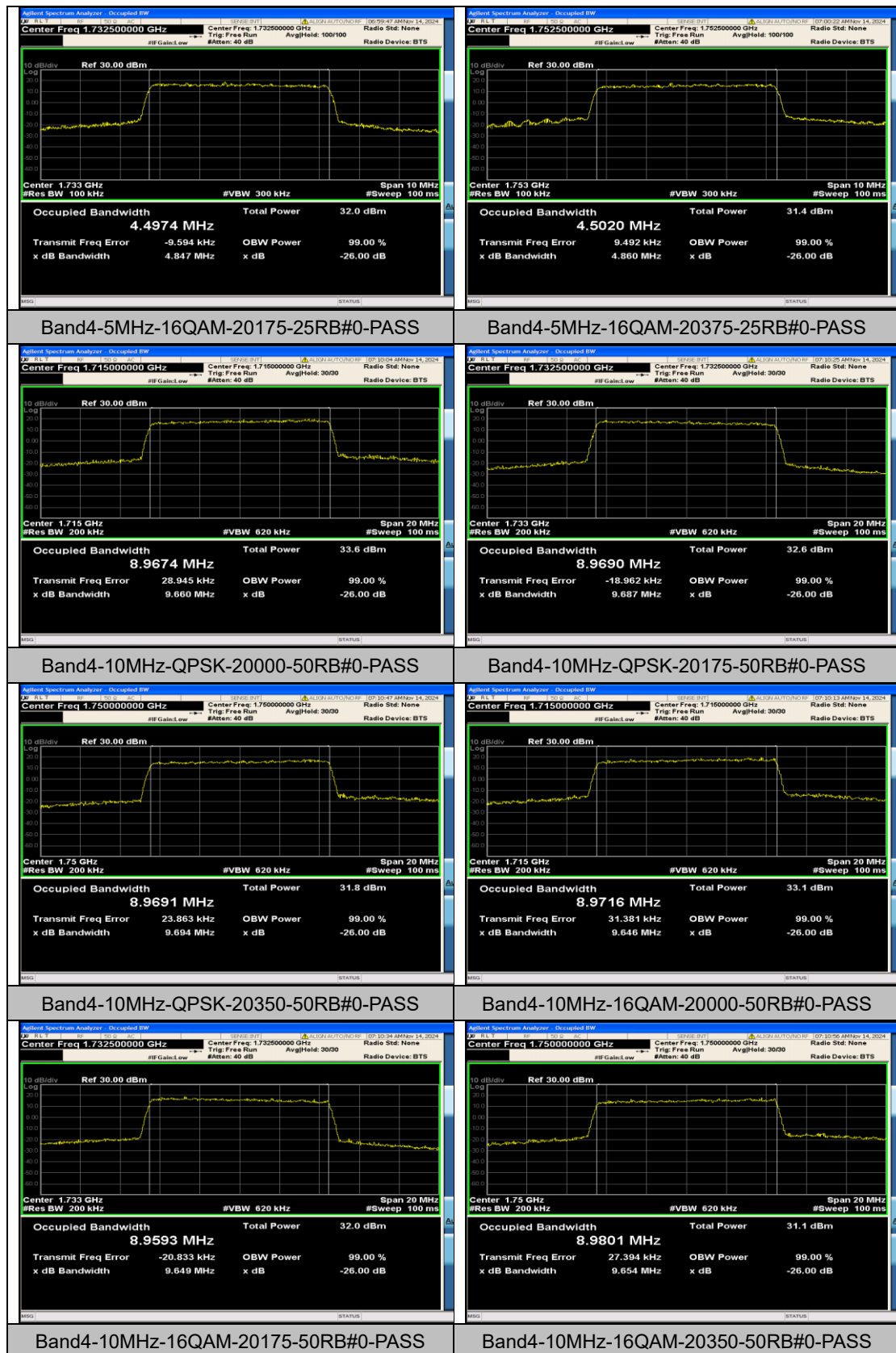
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0983	1.264	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.1029	1.273	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1047	1.268	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1135	1.282	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1128	1.283	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1172	1.273	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6998	2.898	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7028	2.898	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7054	2.897	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6963	2.908	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6891	2.903	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6889	3.034	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5073	4.874	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4990	4.861	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5071	4.877	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5014	4.857	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4974	4.847	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5020	4.860	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9674	9.660	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9690	9.687	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9691	9.694	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9716	9.646	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9593	9.649	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9801	9.654	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.440	14.46	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.439	14.49	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.513	14.47	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.440	14.50	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.456	14.40	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.495	14.48	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.910	19.54	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.873	19.36	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.019	19.71	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.937	19.44	PASS

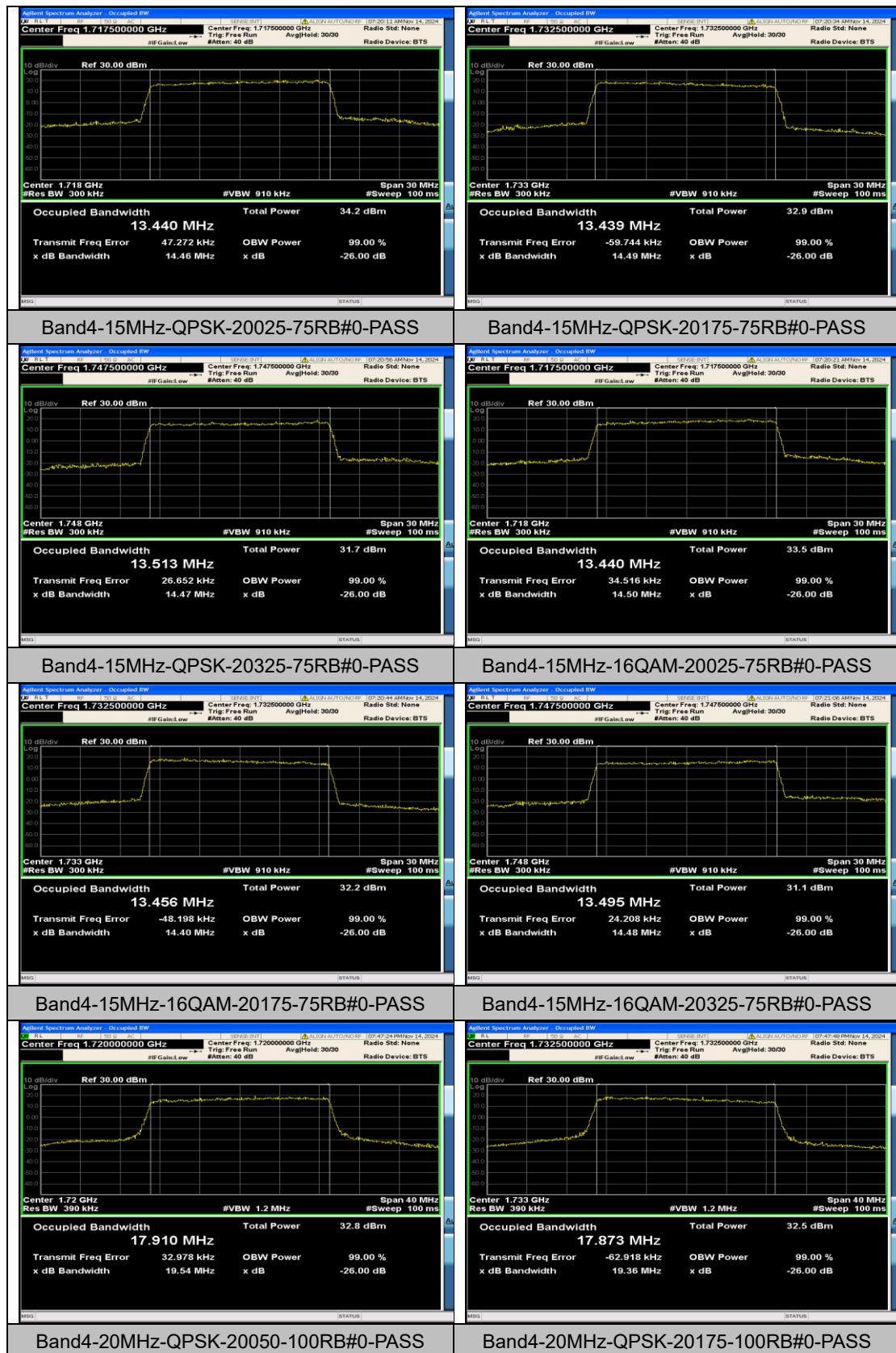
Band4	20MHz	16QAM	20175	100RB#0	17.879	19.42	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.079	19.66	PASS

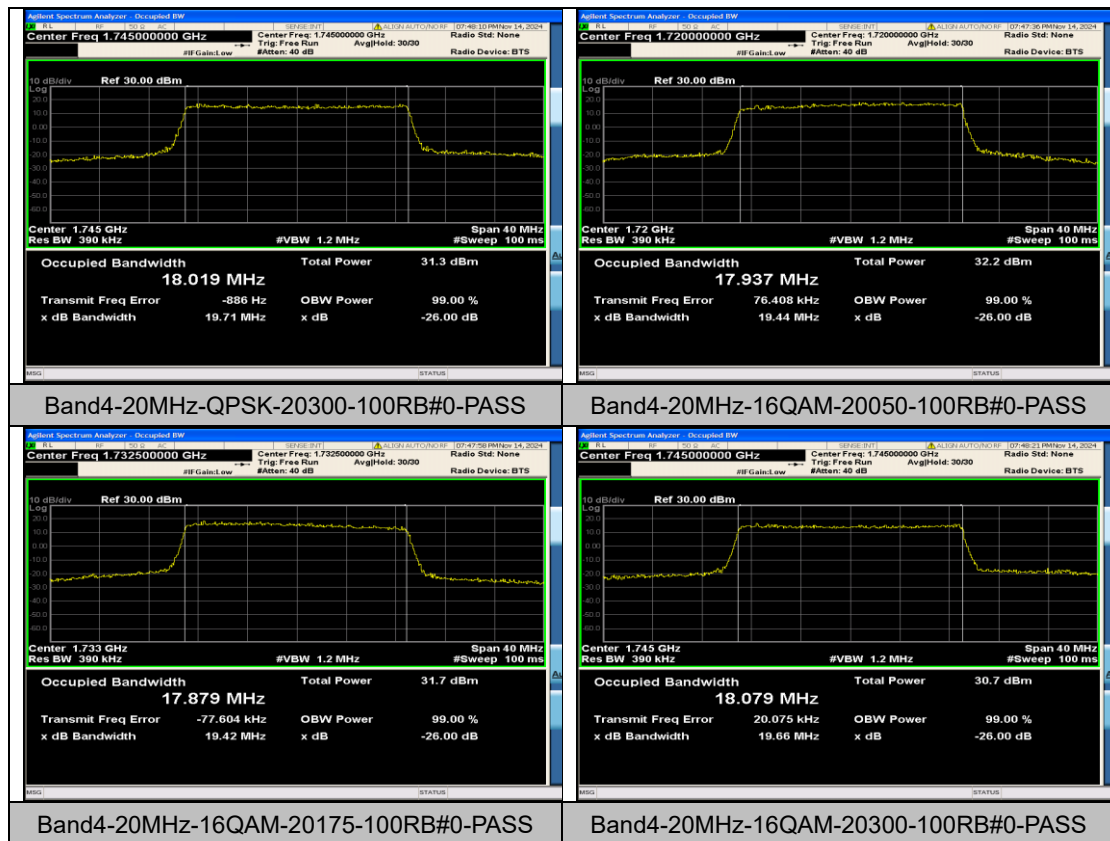
Test Graphs









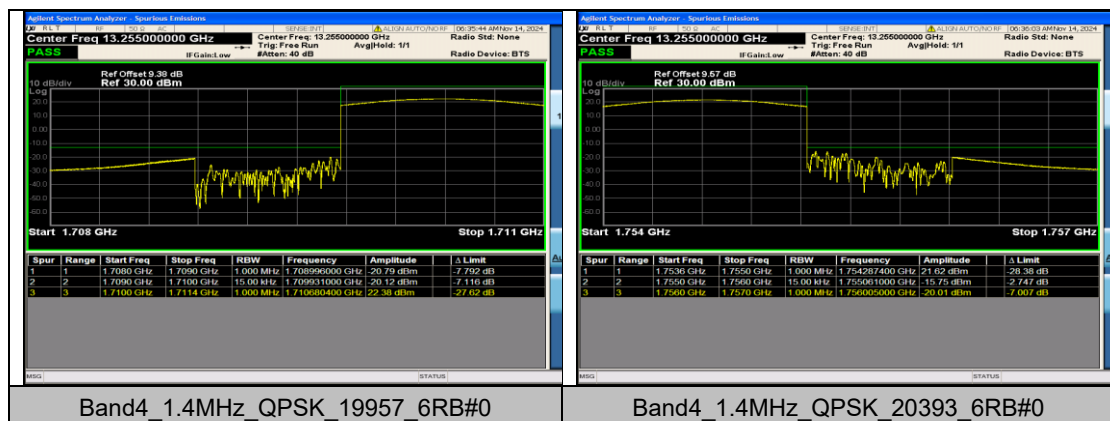


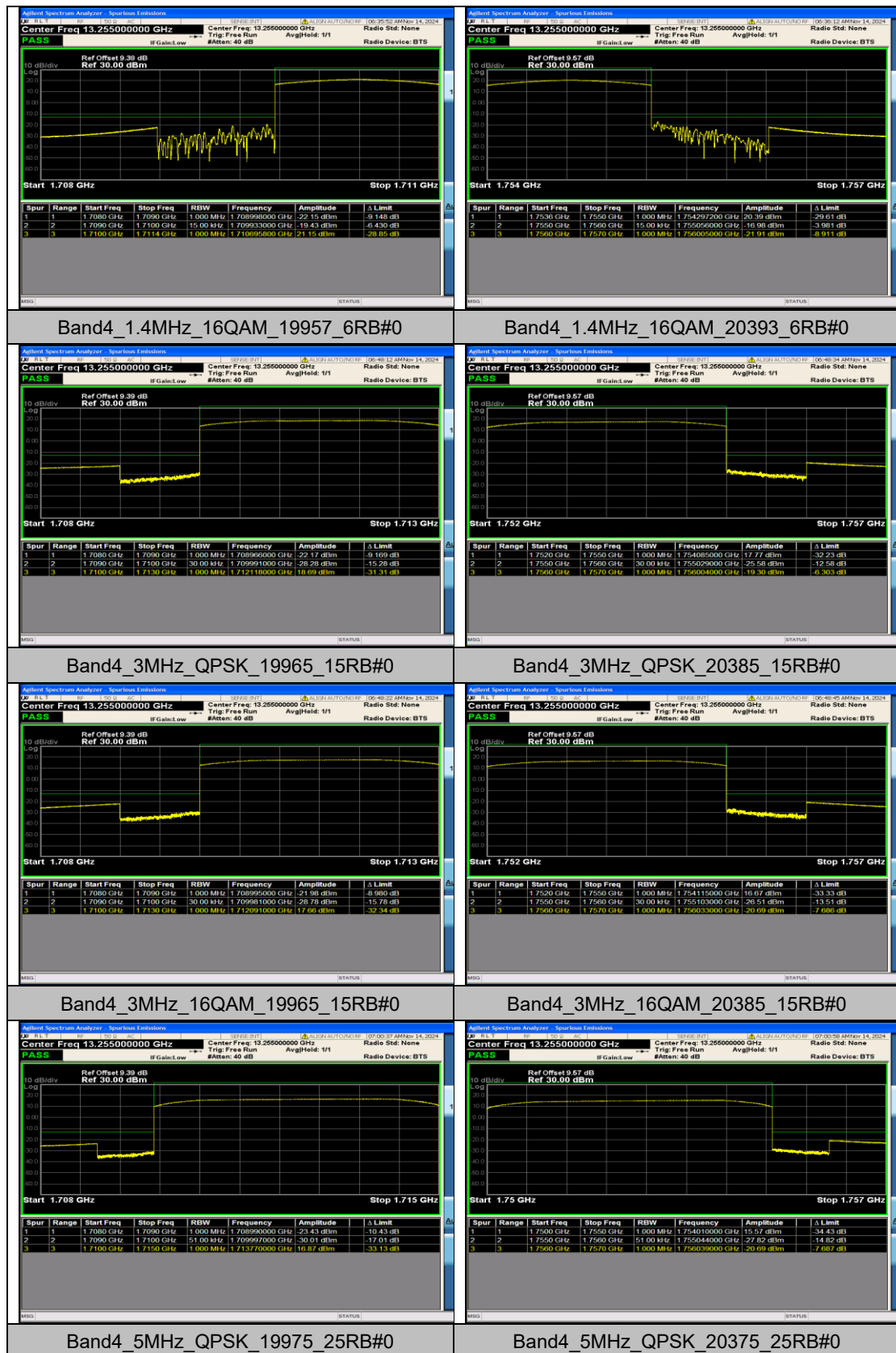
Appendix D: Band Edge

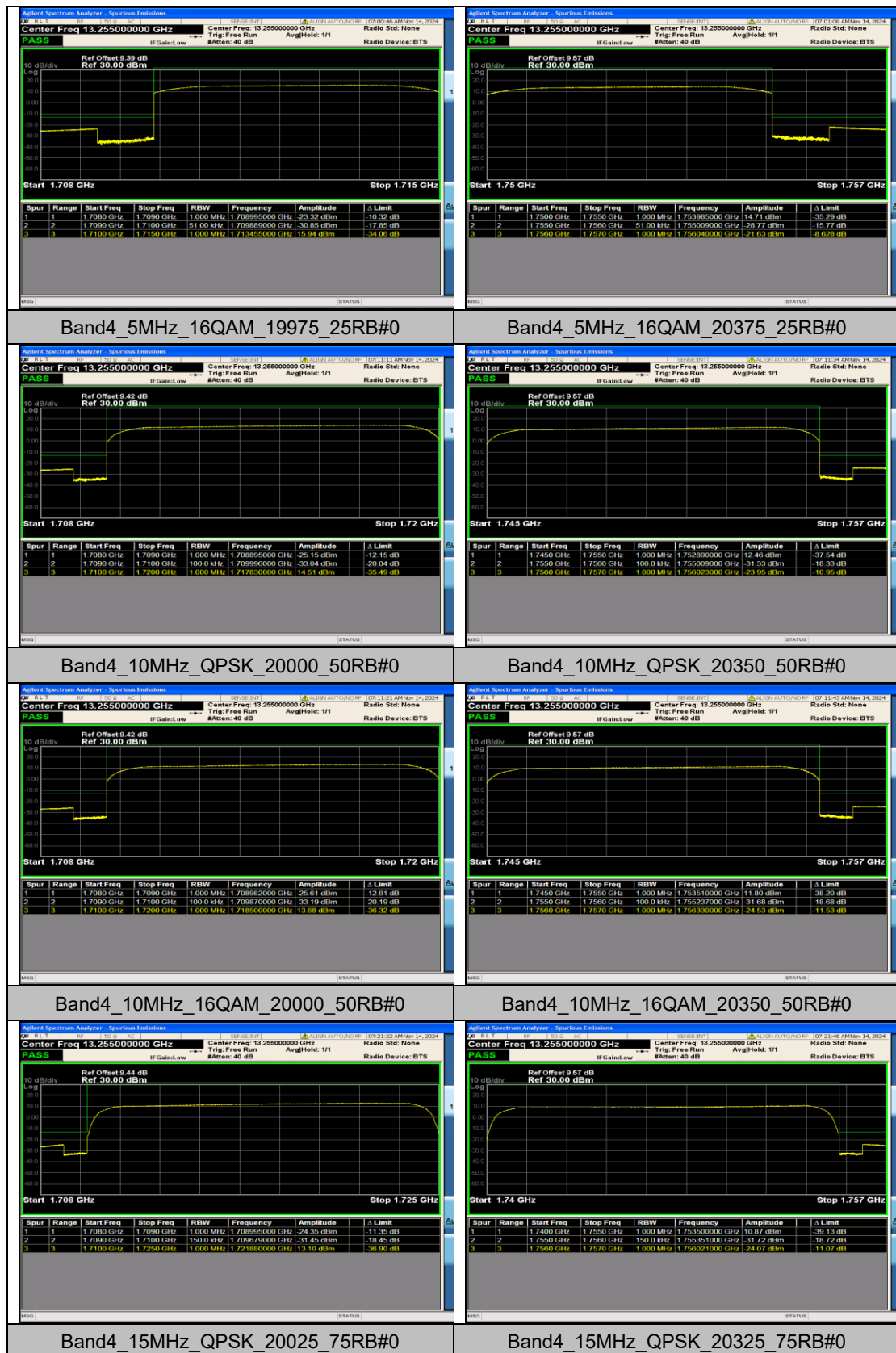
Test Result

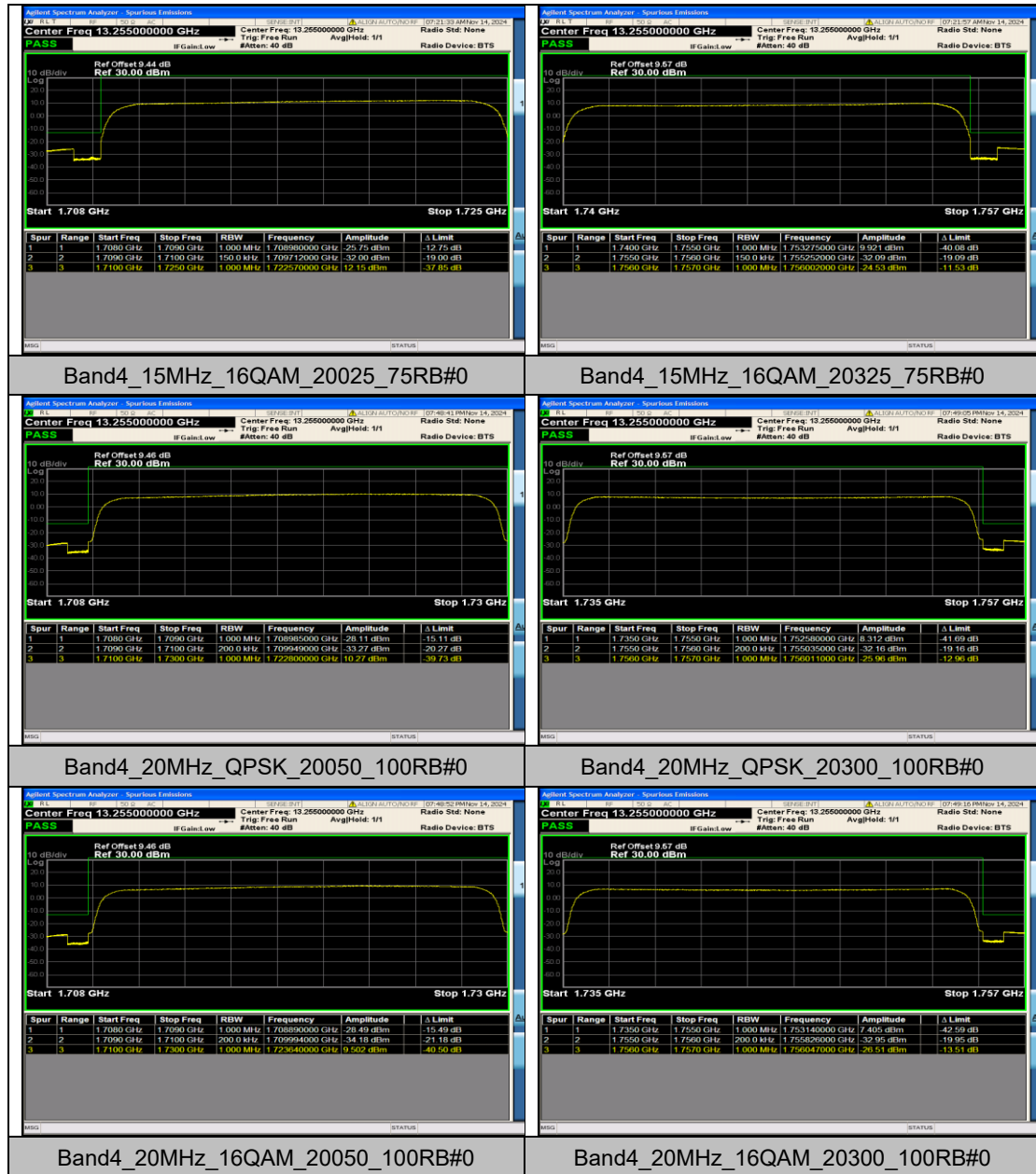
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-20.12	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-15.75	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-19.43	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-16.98	PASS
Band4	3MHz	QPSK	19965	15RB#0	-22.17	PASS
Band4	3MHz	QPSK	20385	15RB#0	-19.30	PASS
Band4	3MHz	16QAM	19965	15RB#0	-21.98	PASS
Band4	3MHz	16QAM	20385	15RB#0	-20.69	PASS
Band4	5MHz	QPSK	19975	25RB#0	-23.43	PASS
Band4	5MHz	QPSK	20375	25RB#0	-20.69	PASS
Band4	5MHz	16QAM	19975	25RB#0	-23.32	PASS
Band4	5MHz	16QAM	20375	25RB#0	-21.63	PASS
Band4	10MHz	QPSK	20000	50RB#0	-25.15	PASS
Band4	10MHz	QPSK	20350	50RB#0	-23.95	PASS
Band4	10MHz	16QAM	20000	50RB#0	-25.61	PASS
Band4	10MHz	16QAM	20350	50RB#0	-24.53	PASS
Band4	15MHz	QPSK	20025	75RB#0	-24.35	PASS
Band4	15MHz	QPSK	20325	75RB#0	-24.07	PASS
Band4	15MHz	16QAM	20025	75RB#0	-25.75	PASS
Band4	15MHz	16QAM	20325	75RB#0	-24.53	PASS
Band4	20MHz	QPSK	20050	100RB#0	-28.11	PASS
Band4	20MHz	QPSK	20300	100RB#0	-25.96	PASS
Band4	20MHz	16QAM	20050	100RB#0	-28.49	PASS
Band4	20MHz	16QAM	20300	100RB#0	-26.51	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	-62.51	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	0.15~30	-52.01	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	30~1000	-61.90	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1000~3000	-27.21	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	3000~20000	-35.21	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	0.009~0.15	-65.67	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	0.15~30	-54.20	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	30~1000	-61.89	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1000~3000	-27.14	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	3000~20000	-35.58	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	0.009~0.15	-64.96	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	0.15~30	-50.39	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	30~1000	-61.78	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1000~3000	-27.51	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	3000~20000	-35.56	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	0.009~0.15	-64.83	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	0.15~30	-53.52	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	30~1000	-62.11	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1000~3000	-28.18	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	3000~20000	-36.17	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	0.009~0.15	-64.19	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	0.15~30	-53.79	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	30~1000	-61.50	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1000~3000	-27.42	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	3000~20000	-35.31	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	0.009~0.15	-63.19	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	0.15~30	-52.21	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	30~1000	-62.02	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1000~3000	-28.59	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	3000~20000	-35.76	PASS
Band4	3MHz	QPSK	19965	15RB#0	0.009~0.15	-65.08	PASS
Band4	3MHz	QPSK	19965	15RB#0	0.15~30	-53.74	PASS
Band4	3MHz	QPSK	19965	15RB#0	30~1000	-61.54	PASS
Band4	3MHz	QPSK	19965	15RB#0	1000~3000	-31.04	PASS
Band4	3MHz	QPSK	19965	15RB#0	3000~20000	-37.33	PASS
Band4	3MHz	QPSK	20175	15RB#0	0.009~0.15	-65.41	PASS

Band4	3MHz	QPSK	20175	15RB#0	0.15~30	-53.80	PASS
Band4	3MHz	QPSK	20175	15RB#0	30~1000	-61.85	PASS
Band4	3MHz	QPSK	20175	15RB#0	1000~3000	-32.70	PASS
Band4	3MHz	QPSK	20175	15RB#0	3000~20000	-37.13	PASS
Band4	3MHz	QPSK	20385	15RB#0	0.009~0.15	-63.42	PASS
Band4	3MHz	QPSK	20385	15RB#0	0.15~30	-52.89	PASS
Band4	3MHz	QPSK	20385	15RB#0	30~1000	-61.68	PASS
Band4	3MHz	QPSK	20385	15RB#0	1000~3000	-32.22	PASS
Band4	3MHz	QPSK	20385	15RB#0	3000~20000	-37.58	PASS
Band4	3MHz	16QAM	19965	15RB#0	0.009~0.15	-65.16	PASS
Band4	3MHz	16QAM	19965	15RB#0	0.15~30	-52.88	PASS
Band4	3MHz	16QAM	19965	15RB#0	30~1000	-61.59	PASS
Band4	3MHz	16QAM	19965	15RB#0	1000~3000	-32.01	PASS
Band4	3MHz	16QAM	19965	15RB#0	3000~20000	-37.74	PASS
Band4	3MHz	16QAM	20175	15RB#0	0.009~0.15	-65.16	PASS
Band4	3MHz	16QAM	20175	15RB#0	0.15~30	-51.67	PASS
Band4	3MHz	16QAM	20175	15RB#0	30~1000	-62.10	PASS
Band4	3MHz	16QAM	20175	15RB#0	1000~3000	-33.54	PASS
Band4	3MHz	16QAM	20175	15RB#0	3000~20000	-37.52	PASS
Band4	3MHz	16QAM	20385	15RB#0	0.009~0.15	-67.15	PASS
Band4	3MHz	16QAM	20385	15RB#0	0.15~30	-54.26	PASS
Band4	3MHz	16QAM	20385	15RB#0	30~1000	-61.38	PASS
Band4	3MHz	16QAM	20385	15RB#0	1000~3000	-32.78	PASS
Band4	3MHz	16QAM	20385	15RB#0	3000~20000	-37.82	PASS
Band4	5MHz	QPSK	19975	25RB#0	0.009~0.15	-64.70	PASS
Band4	5MHz	QPSK	19975	25RB#0	0.15~30	-54.05	PASS
Band4	5MHz	QPSK	19975	25RB#0	30~1000	-61.88	PASS
Band4	5MHz	QPSK	19975	25RB#0	1000~3000	-34.40	PASS
Band4	5MHz	QPSK	19975	25RB#0	3000~20000	-37.79	PASS
Band4	5MHz	QPSK	20175	25RB#0	0.009~0.15	-61.49	PASS
Band4	5MHz	QPSK	20175	25RB#0	0.15~30	-54.54	PASS
Band4	5MHz	QPSK	20175	25RB#0	30~1000	-62.05	PASS
Band4	5MHz	QPSK	20175	25RB#0	1000~3000	-37.76	PASS
Band4	5MHz	QPSK	20175	25RB#0	3000~20000	-37.58	PASS
Band4	5MHz	QPSK	20375	25RB#0	0.009~0.15	-65.58	PASS
Band4	5MHz	QPSK	20375	25RB#0	0.15~30	-56.22	PASS
Band4	5MHz	QPSK	20375	25RB#0	30~1000	-62.09	PASS
Band4	5MHz	QPSK	20375	25RB#0	1000~3000	-35.46	PASS
Band4	5MHz	QPSK	20375	25RB#0	3000~20000	-37.49	PASS
Band4	5MHz	16QAM	19975	25RB#0	0.009~0.15	-65.61	PASS
Band4	5MHz	16QAM	19975	25RB#0	0.15~30	-52.50	PASS
Band4	5MHz	16QAM	19975	25RB#0	30~1000	-61.82	PASS
Band4	5MHz	16QAM	19975	25RB#0	1000~3000	-36.11	PASS

Band4	5MHz	16QAM	19975	25RB#0	3000~20000	-37.97	PASS
Band4	5MHz	16QAM	20175	25RB#0	0.009~0.15	-63.04	PASS
Band4	5MHz	16QAM	20175	25RB#0	0.15~30	-53.37	PASS
Band4	5MHz	16QAM	20175	25RB#0	30~1000	-61.90	PASS
Band4	5MHz	16QAM	20175	25RB#0	1000~3000	-37.54	PASS
Band4	5MHz	16QAM	20175	25RB#0	3000~20000	-37.95	PASS
Band4	5MHz	16QAM	20375	25RB#0	0.009~0.15	-65.61	PASS
Band4	5MHz	16QAM	20375	25RB#0	0.15~30	-52.94	PASS
Band4	5MHz	16QAM	20375	25RB#0	30~1000	-61.81	PASS
Band4	5MHz	16QAM	20375	25RB#0	1000~3000	-38.02	PASS
Band4	5MHz	16QAM	20375	25RB#0	3000~20000	-37.86	PASS
Band4	10MHz	QPSK	20000	50RB#0	0.009~0.15	-65.45	PASS
Band4	10MHz	QPSK	20000	50RB#0	0.15~30	-53.52	PASS
Band4	10MHz	QPSK	20000	50RB#0	30~1000	-61.89	PASS
Band4	10MHz	QPSK	20000	50RB#0	1000~3000	-42.07	PASS
Band4	10MHz	QPSK	20000	50RB#0	3000~20000	-37.48	PASS
Band4	10MHz	QPSK	20175	50RB#0	0.009~0.15	-63.76	PASS
Band4	10MHz	QPSK	20175	50RB#0	0.15~30	-54.69	PASS
Band4	10MHz	QPSK	20175	50RB#0	30~1000	-62.03	PASS
Band4	10MHz	QPSK	20175	50RB#0	1000~3000	-42.57	PASS
Band4	10MHz	QPSK	20175	50RB#0	3000~20000	-37.65	PASS
Band4	10MHz	QPSK	20350	50RB#0	0.009~0.15	-64.91	PASS
Band4	10MHz	QPSK	20350	50RB#0	0.15~30	-54.57	PASS
Band4	10MHz	QPSK	20350	50RB#0	30~1000	-61.82	PASS
Band4	10MHz	QPSK	20350	50RB#0	1000~3000	-40.76	PASS
Band4	10MHz	QPSK	20350	50RB#0	3000~20000	-37.91	PASS
Band4	10MHz	16QAM	20000	50RB#0	0.009~0.15	-61.97	PASS
Band4	10MHz	16QAM	20000	50RB#0	0.15~30	-51.67	PASS
Band4	10MHz	16QAM	20000	50RB#0	30~1000	-61.82	PASS
Band4	10MHz	16QAM	20000	50RB#0	1000~3000	-41.54	PASS
Band4	10MHz	16QAM	20000	50RB#0	3000~20000	-37.78	PASS
Band4	10MHz	16QAM	20175	50RB#0	0.009~0.15	-65.90	PASS
Band4	10MHz	16QAM	20175	50RB#0	0.15~30	-53.90	PASS
Band4	10MHz	16QAM	20175	50RB#0	30~1000	-61.88	PASS
Band4	10MHz	16QAM	20175	50RB#0	1000~3000	-43.82	PASS
Band4	10MHz	16QAM	20175	50RB#0	3000~20000	-37.83	PASS
Band4	10MHz	16QAM	20350	50RB#0	0.009~0.15	-62.59	PASS
Band4	10MHz	16QAM	20350	50RB#0	0.15~30	-52.63	PASS
Band4	10MHz	16QAM	20350	50RB#0	30~1000	-61.95	PASS
Band4	10MHz	16QAM	20350	50RB#0	1000~3000	-41.27	PASS
Band4	10MHz	16QAM	20350	50RB#0	3000~20000	-37.94	PASS
Band4	15MHz	QPSK	20025	75RB#0	0.009~0.15	-63.67	PASS
Band4	15MHz	QPSK	20025	75RB#0	0.15~30	-53.09	PASS

Band4	15MHz	QPSK	20025	75RB#0	30~1000	-62.01	PASS
Band4	15MHz	QPSK	20025	75RB#0	1000~3000	-39.57	PASS
Band4	15MHz	QPSK	20025	75RB#0	3000~20000	-37.68	PASS
Band4	15MHz	QPSK	20175	75RB#0	0.009~0.15	-63.11	PASS
Band4	15MHz	QPSK	20175	75RB#0	0.15~30	-55.84	PASS
Band4	15MHz	QPSK	20175	75RB#0	30~1000	-61.41	PASS
Band4	15MHz	QPSK	20175	75RB#0	1000~3000	-42.87	PASS
Band4	15MHz	QPSK	20175	75RB#0	3000~20000	-37.55	PASS
Band4	15MHz	QPSK	20325	75RB#0	0.009~0.15	-65.91	PASS
Band4	15MHz	QPSK	20325	75RB#0	0.15~30	-53.06	PASS
Band4	15MHz	QPSK	20325	75RB#0	30~1000	-61.73	PASS
Band4	15MHz	QPSK	20325	75RB#0	1000~3000	-42.71	PASS
Band4	15MHz	QPSK	20325	75RB#0	3000~20000	-37.69	PASS
Band4	15MHz	16QAM	20025	75RB#0	0.009~0.15	-59.76	PASS
Band4	15MHz	16QAM	20025	75RB#0	0.15~30	-54.05	PASS
Band4	15MHz	16QAM	20025	75RB#0	30~1000	-61.88	PASS
Band4	15MHz	16QAM	20025	75RB#0	1000~3000	-41.46	PASS
Band4	15MHz	16QAM	20025	75RB#0	3000~20000	-37.74	PASS
Band4	15MHz	16QAM	20175	75RB#0	0.009~0.15	-62.30	PASS
Band4	15MHz	16QAM	20175	75RB#0	0.15~30	-52.38	PASS
Band4	15MHz	16QAM	20175	75RB#0	30~1000	-61.72	PASS
Band4	15MHz	16QAM	20175	75RB#0	1000~3000	-45.35	PASS
Band4	15MHz	16QAM	20175	75RB#0	3000~20000	-37.09	PASS
Band4	15MHz	16QAM	20325	75RB#0	0.009~0.15	-65.67	PASS
Band4	15MHz	16QAM	20325	75RB#0	0.15~30	-53.51	PASS
Band4	15MHz	16QAM	20325	75RB#0	30~1000	-62.02	PASS
Band4	15MHz	16QAM	20325	75RB#0	1000~3000	-43.52	PASS
Band4	15MHz	16QAM	20325	75RB#0	3000~20000	-38.12	PASS
Band4	20MHz	QPSK	20050	100RB#0	0.009~0.15	-65.87	PASS
Band4	20MHz	QPSK	20050	100RB#0	0.15~30	-52.73	PASS
Band4	20MHz	QPSK	20050	100RB#0	30~1000	-61.90	PASS
Band4	20MHz	QPSK	20050	100RB#0	1000~3000	-46.80	PASS
Band4	20MHz	QPSK	20050	100RB#0	3000~20000	-38.54	PASS
Band4	20MHz	QPSK	20175	100RB#0	0.009~0.15	-65.40	PASS
Band4	20MHz	QPSK	20175	100RB#0	0.15~30	-54.12	PASS
Band4	20MHz	QPSK	20175	100RB#0	30~1000	-61.77	PASS
Band4	20MHz	QPSK	20175	100RB#0	1000~3000	-42.53	PASS
Band4	20MHz	QPSK	20175	100RB#0	3000~20000	-38.85	PASS
Band4	20MHz	QPSK	20300	100RB#0	0.009~0.15	-64.76	PASS
Band4	20MHz	QPSK	20300	100RB#0	0.15~30	-54.78	PASS
Band4	20MHz	QPSK	20300	100RB#0	30~1000	-62.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	1000~3000	-46.10	PASS
Band4	20MHz	QPSK	20300	100RB#0	3000~20000	-38.34	PASS