

FCC LTE Band Test Data

FCC ID : 2AVYL-ZEUSS68

Company: : Shenzhen Eternity Technology Co., Ltd

EUT : smart phone

Model Number : ZEUSS68

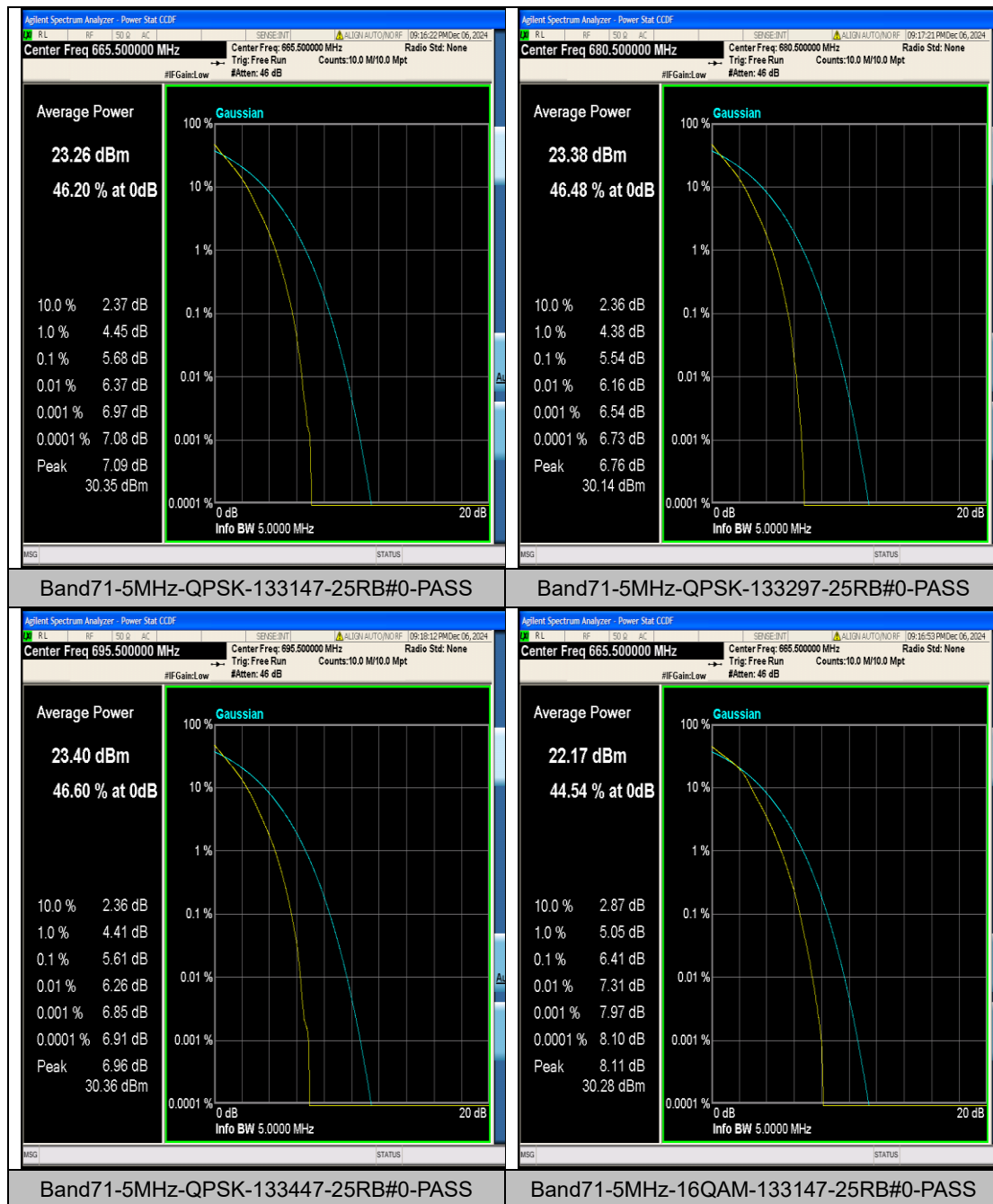
Reviewed By : Eric Wang

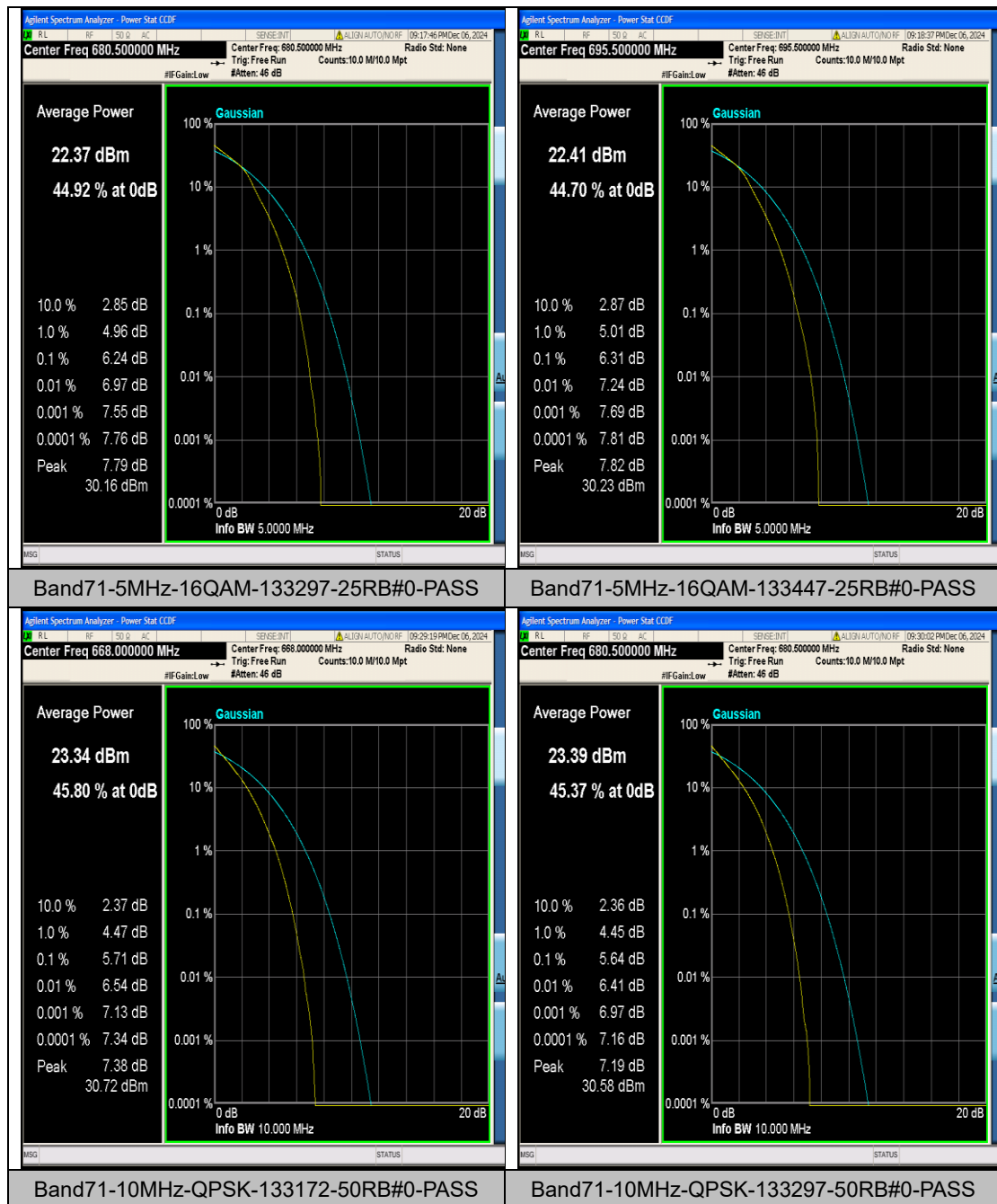
Appendix B: Peak-to-Average Ratio(CCDF)

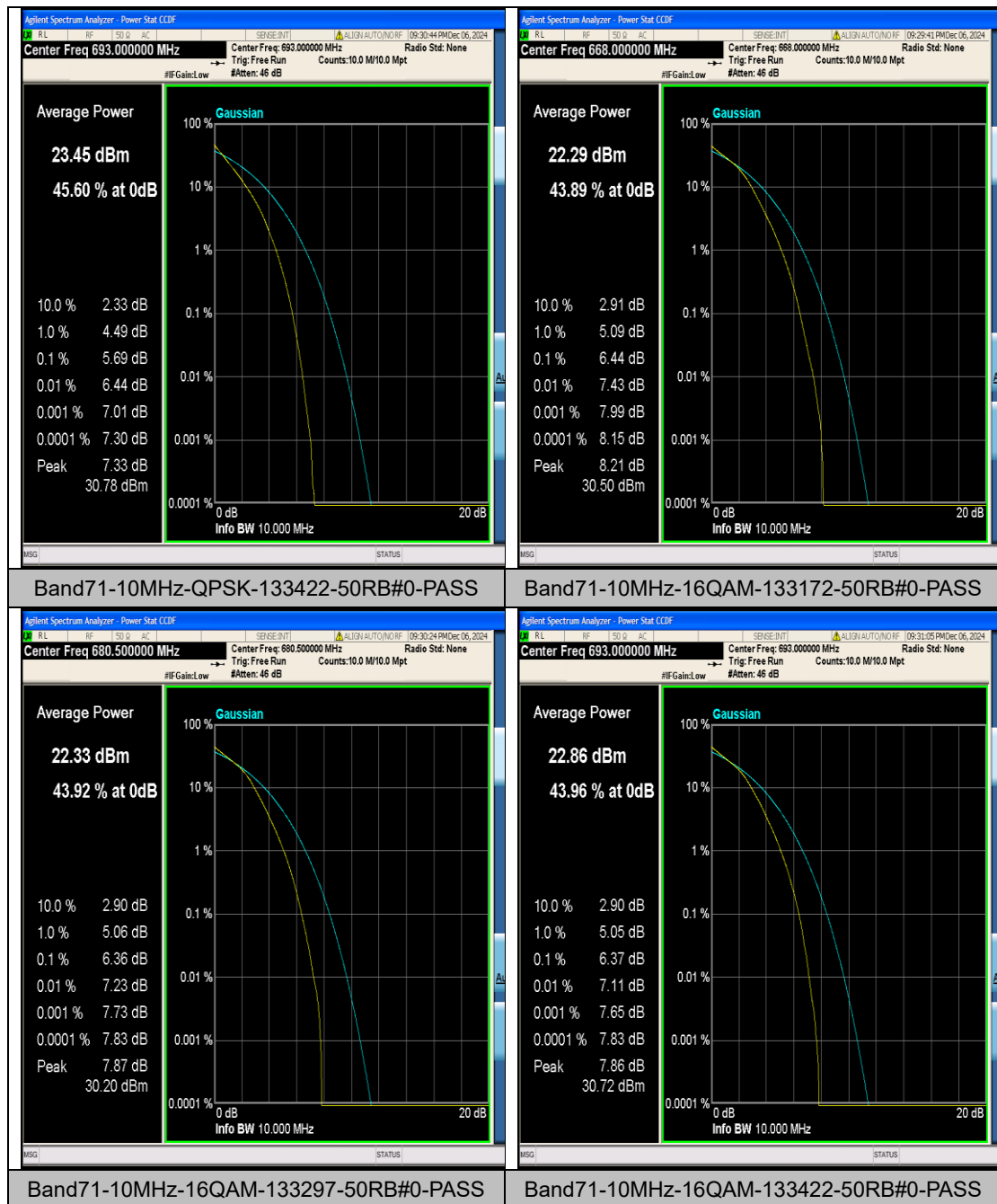
Test Result

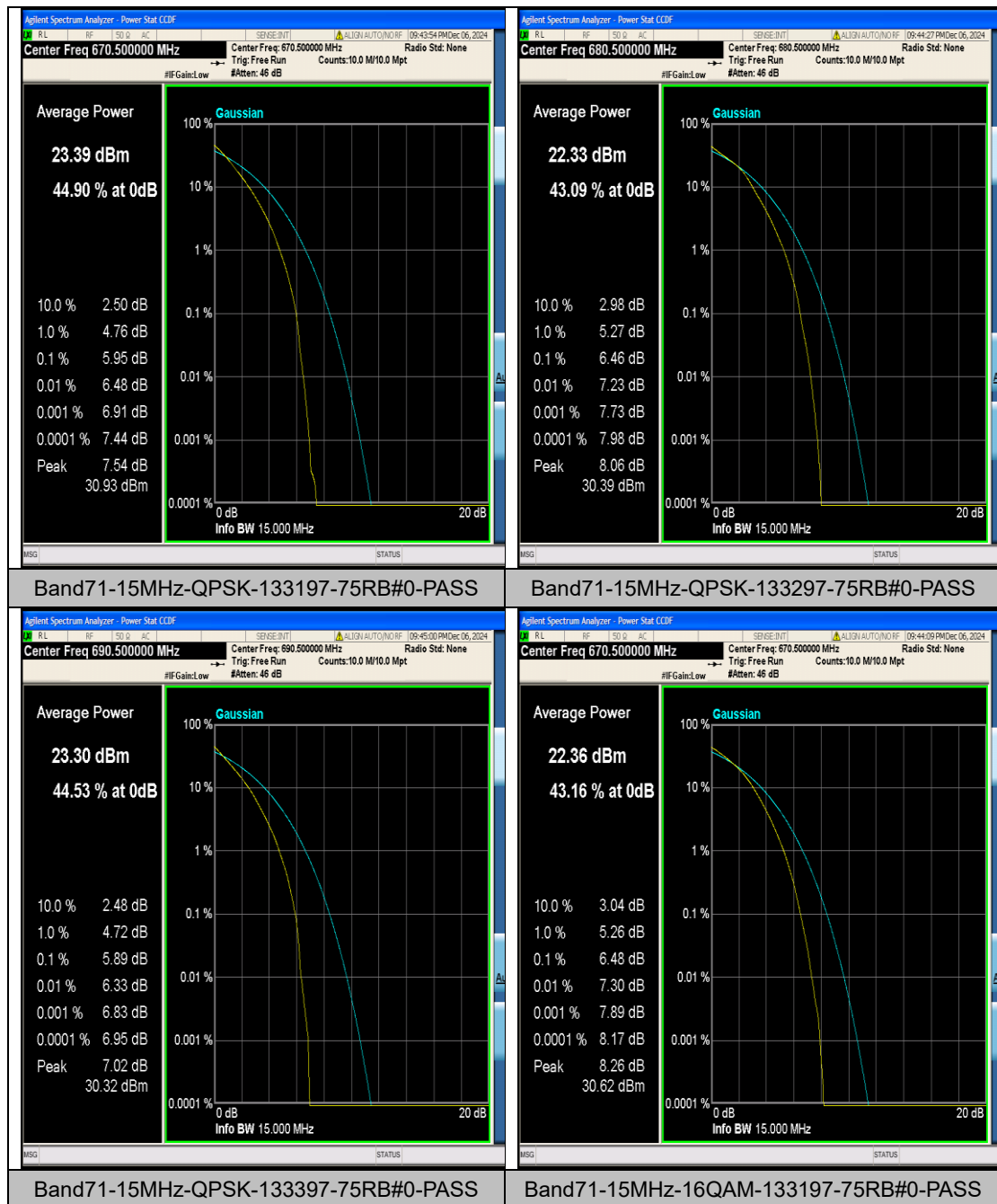
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	5.68	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	5.54	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.61	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	6.41	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	6.24	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	6.31	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	5.71	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	5.64	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	5.69	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	6.44	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	6.36	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	6.37	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.95	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	6.46	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	5.89	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	6.48	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	6.45	13	PASS
Band71	15MHz	16QAM	133397	75RB#0	6.42	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.80	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.72	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.58	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.44	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.43	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.29	13	PASS

Test Graphs

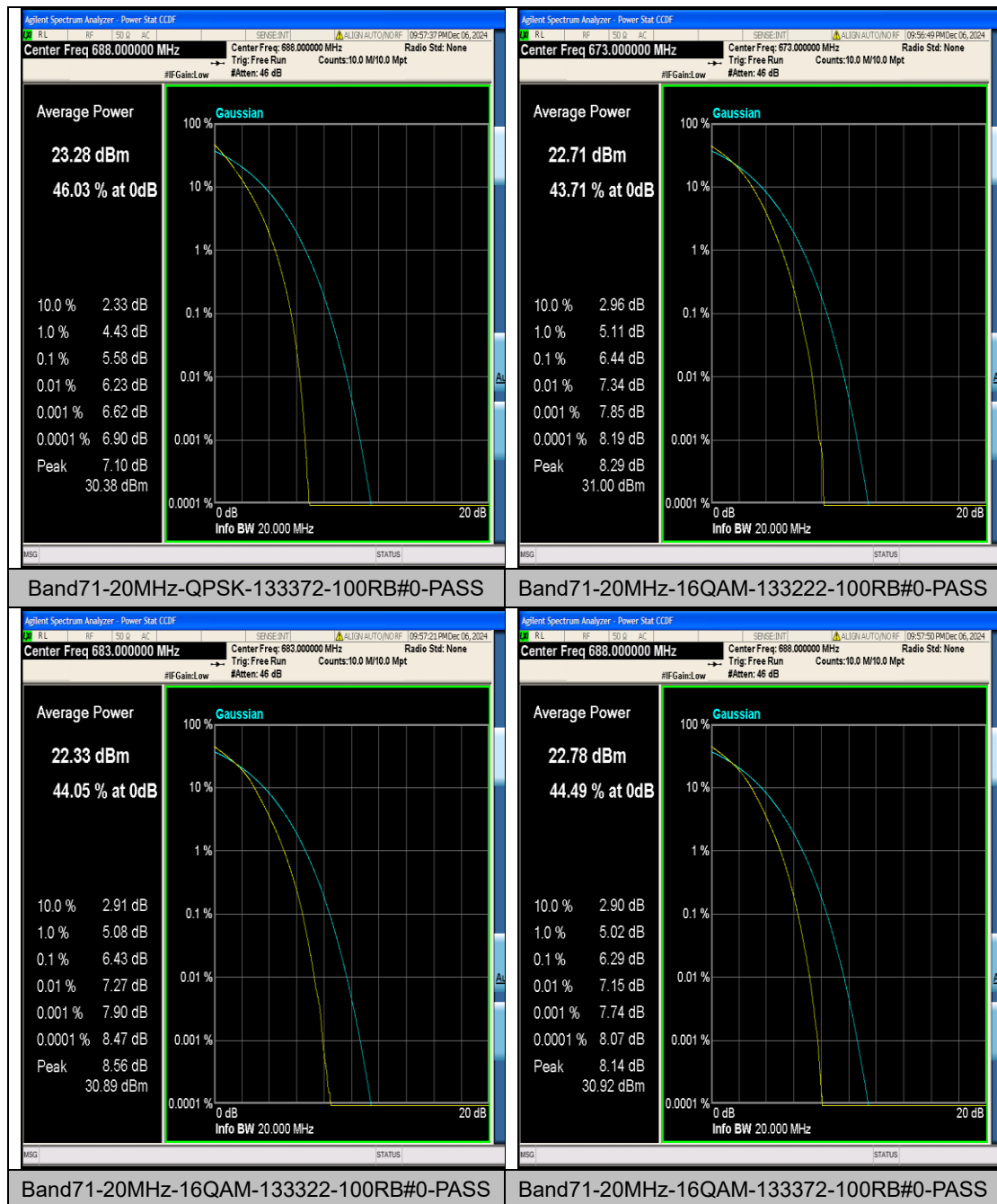










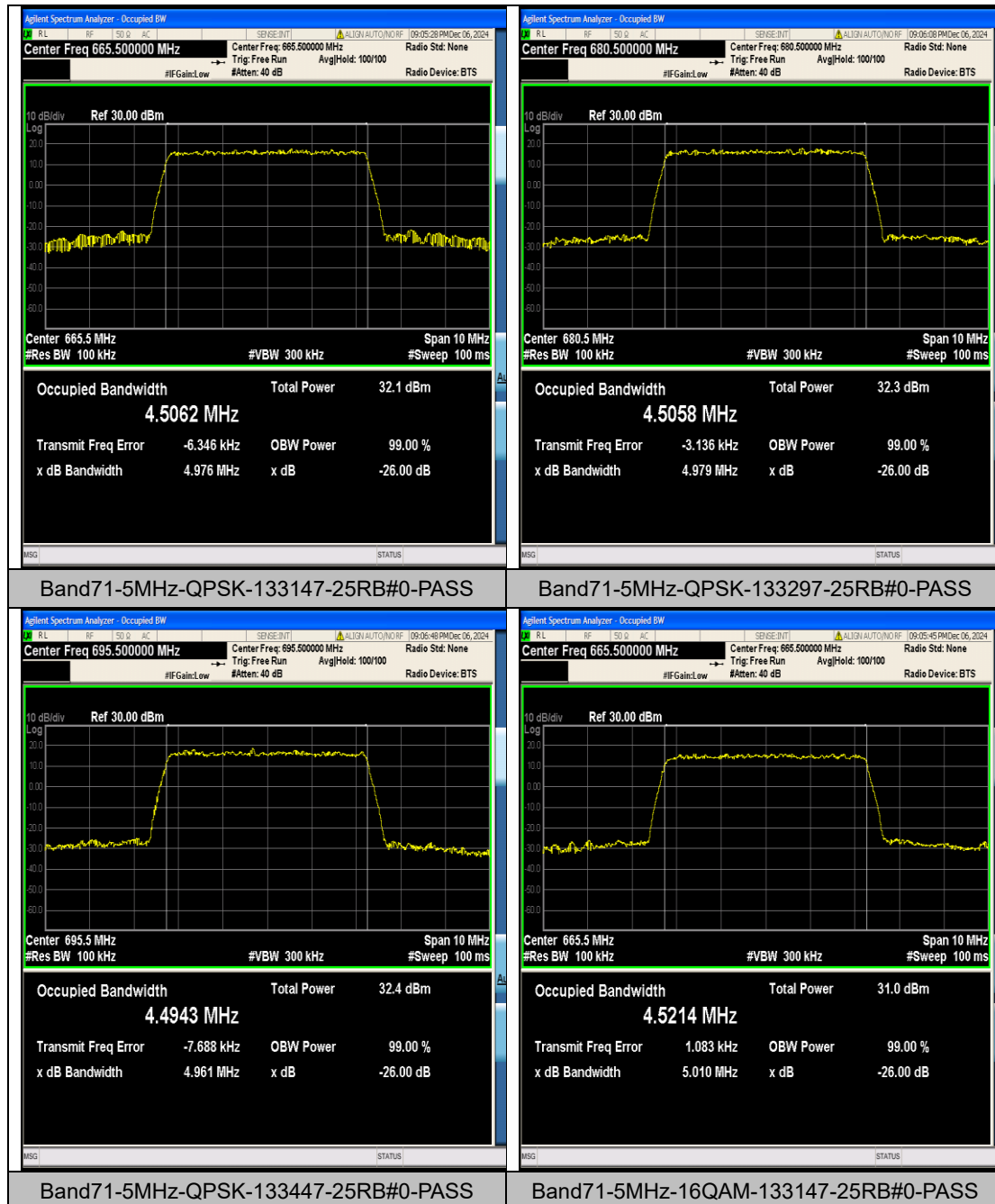


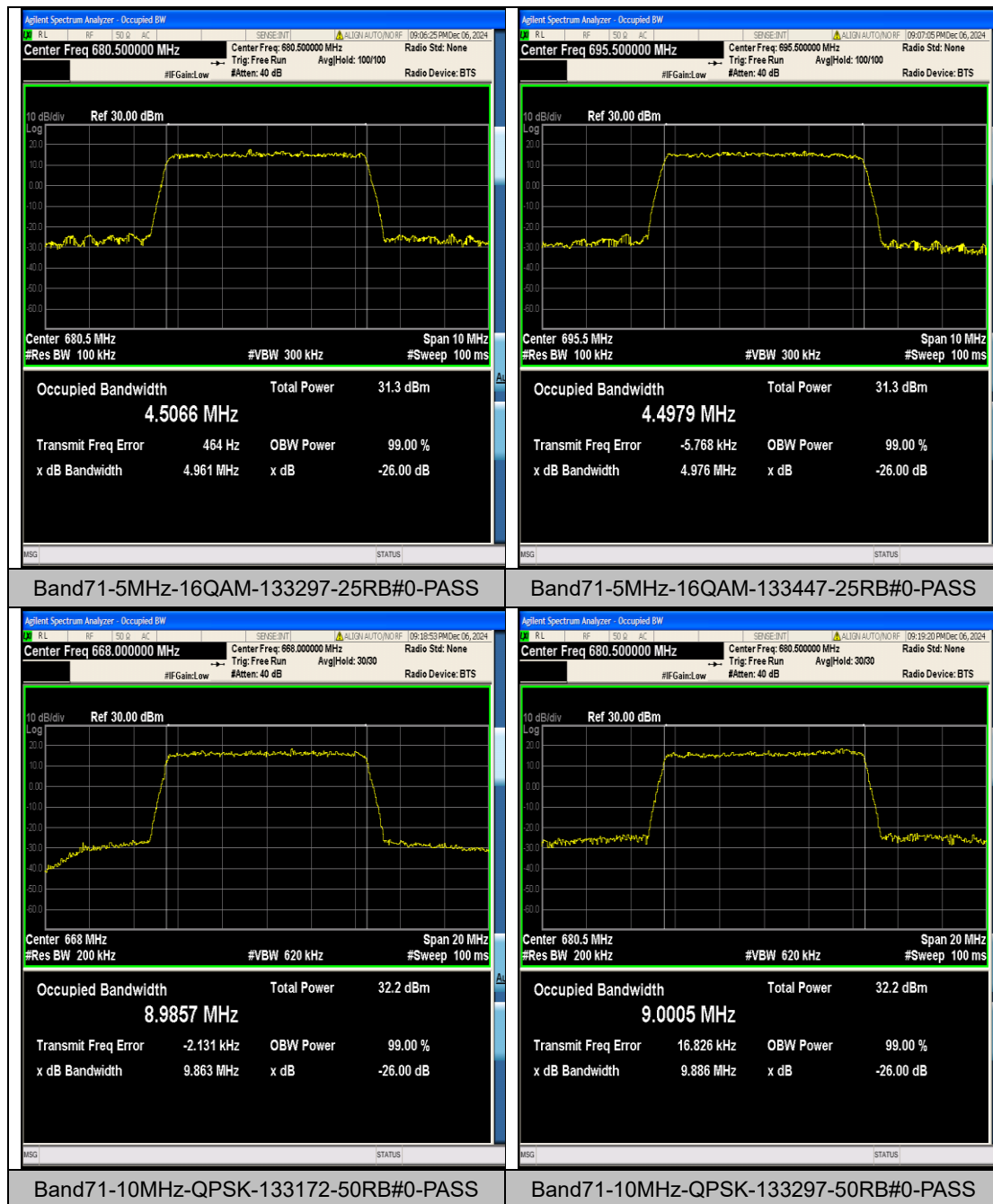
Appendix C: 26dB Bandwidth and Occupied Bandwidth

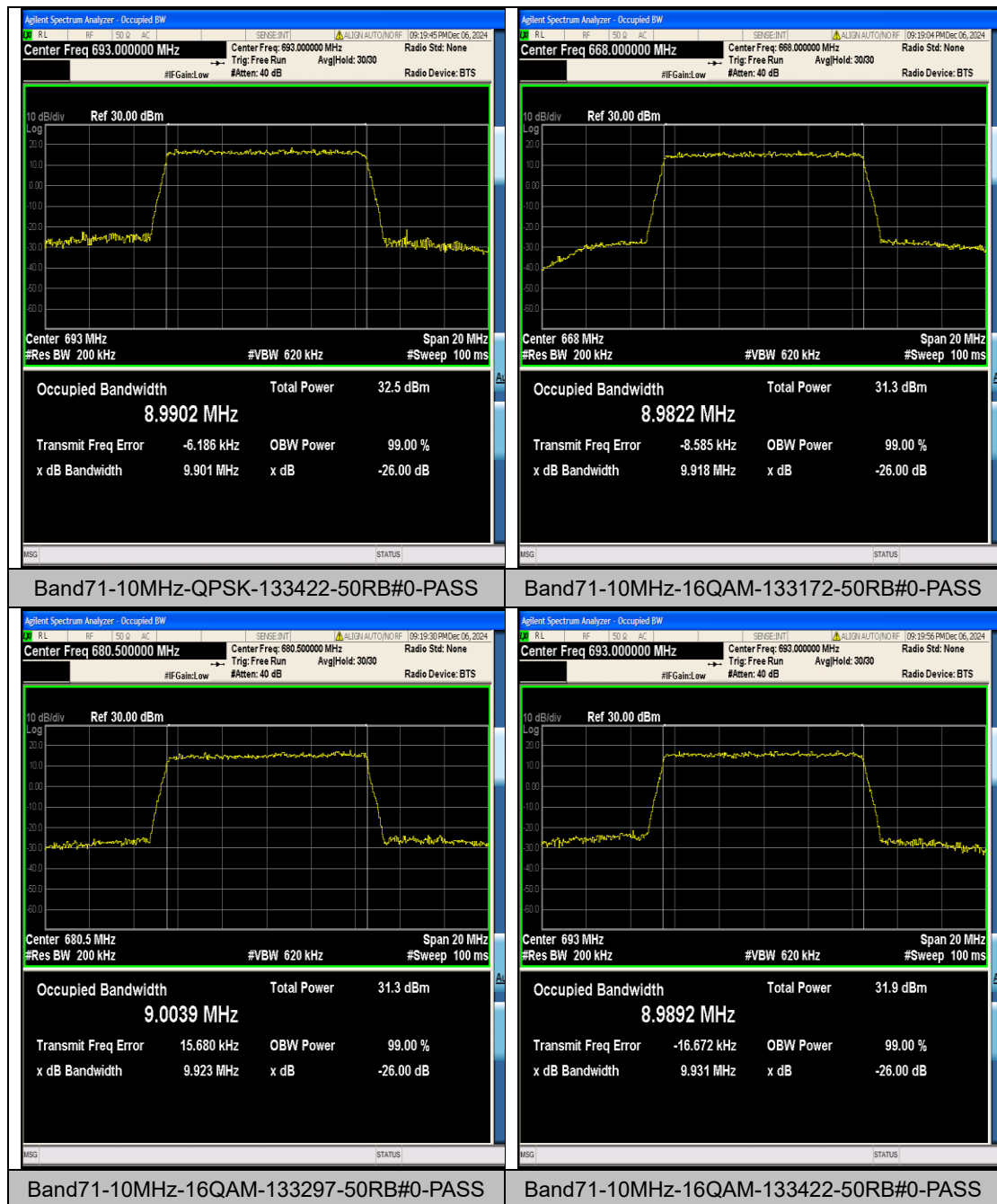
Test Result

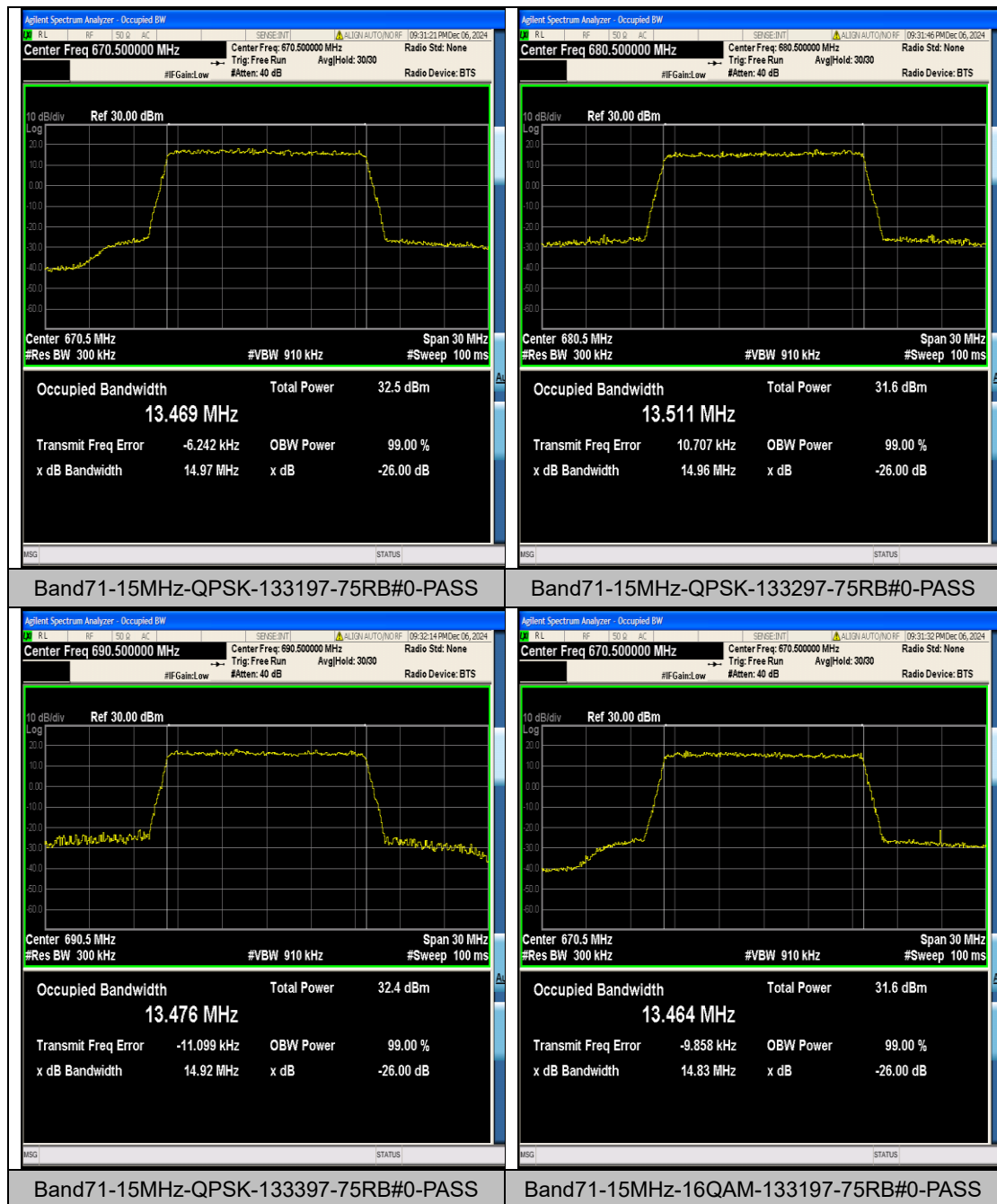
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.5062	4.976	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.5058	4.979	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.4943	4.961	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.5214	5.010	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.5066	4.961	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.4979	4.976	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.9857	9.863	PASS
Band71	10MHz	QPSK	133297	50RB#0	9.0005	9.886	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.9902	9.901	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.9822	9.918	PASS
Band71	10MHz	16QAM	133297	50RB#0	9.0039	9.923	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.9892	9.931	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.469	14.97	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.511	14.96	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.476	14.92	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.464	14.83	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.512	14.98	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.483	14.87	PASS
Band71	20MHz	QPSK	133222	100RB#0	18.014	19.82	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.963	19.66	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.936	19.61	PASS
Band71	20MHz	16QAM	133222	100RB#0	18.006	19.80	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.976	19.62	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.987	19.61	PASS

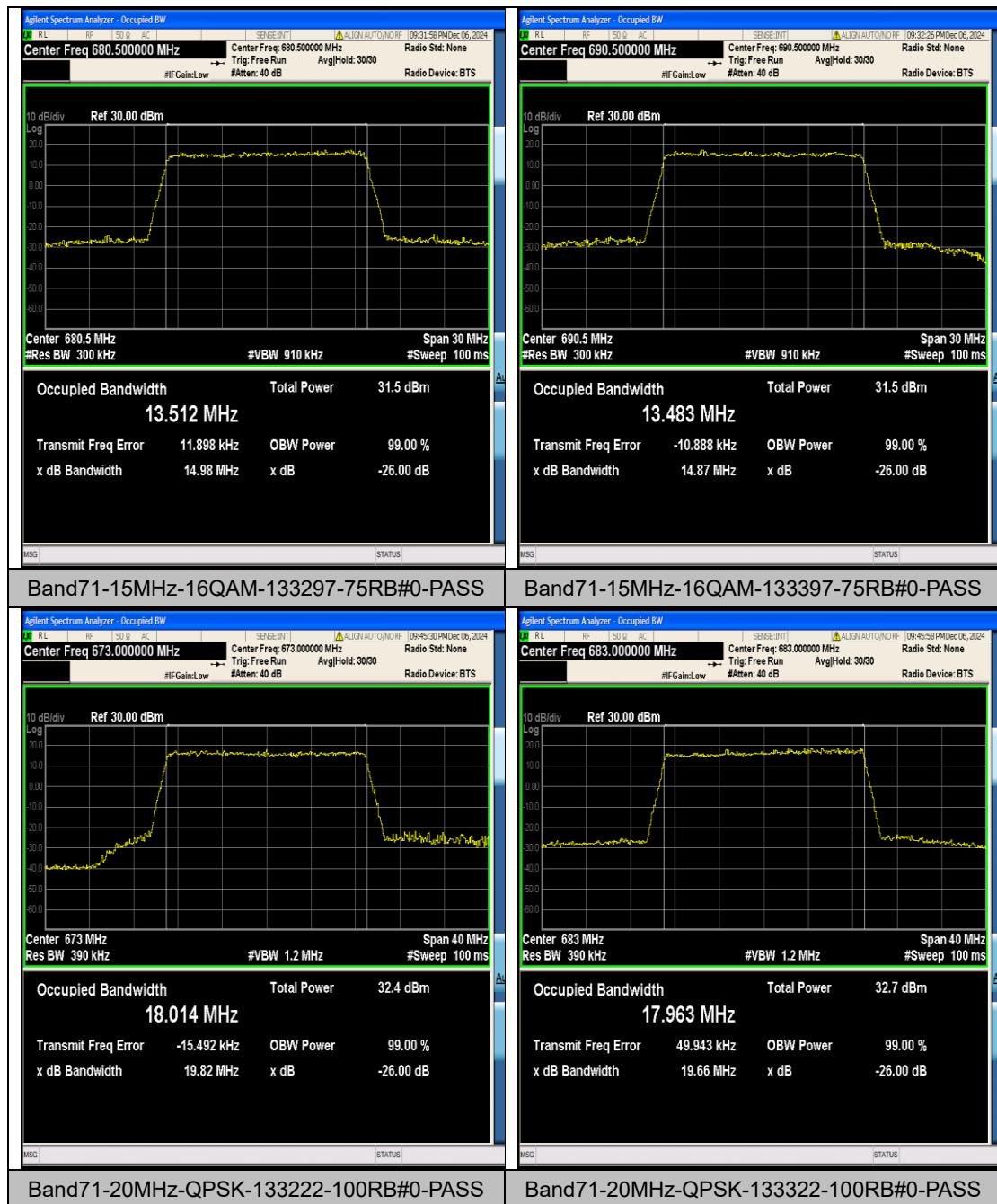
Test Graphs

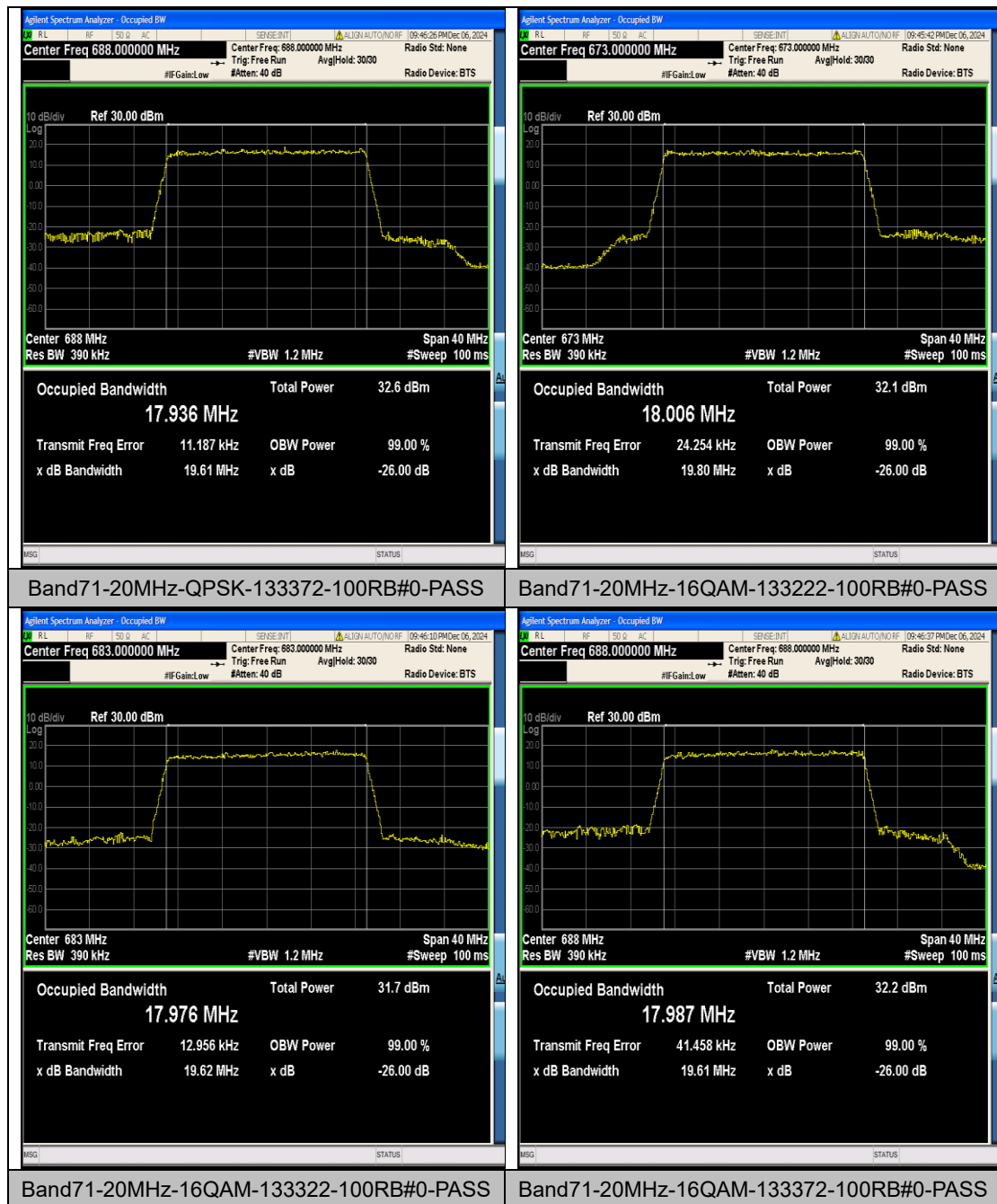










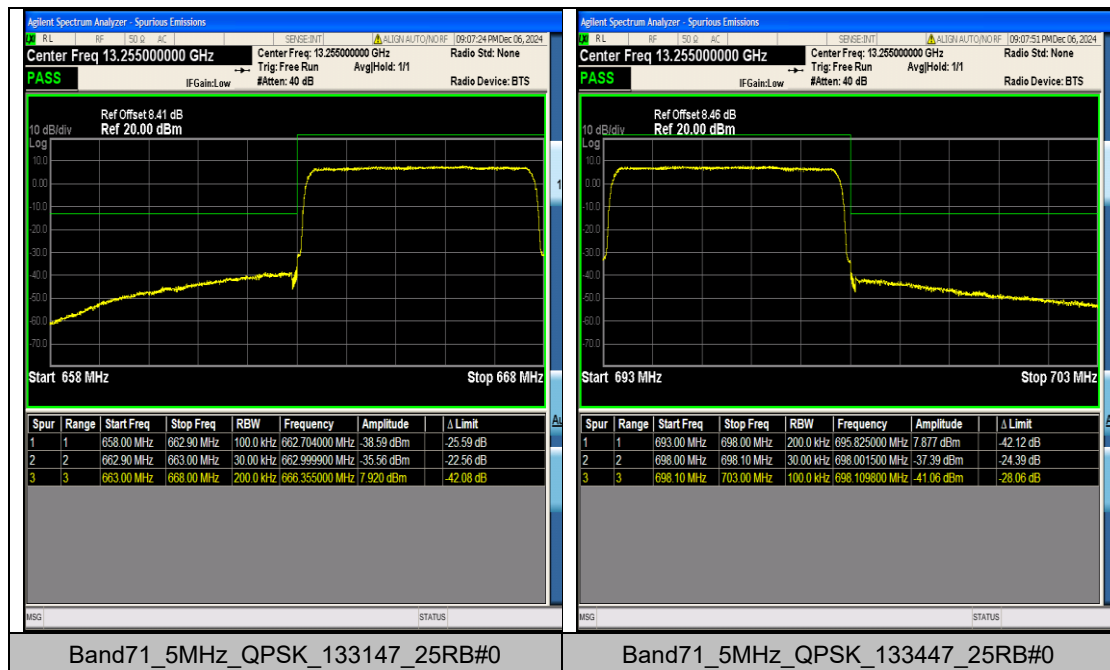


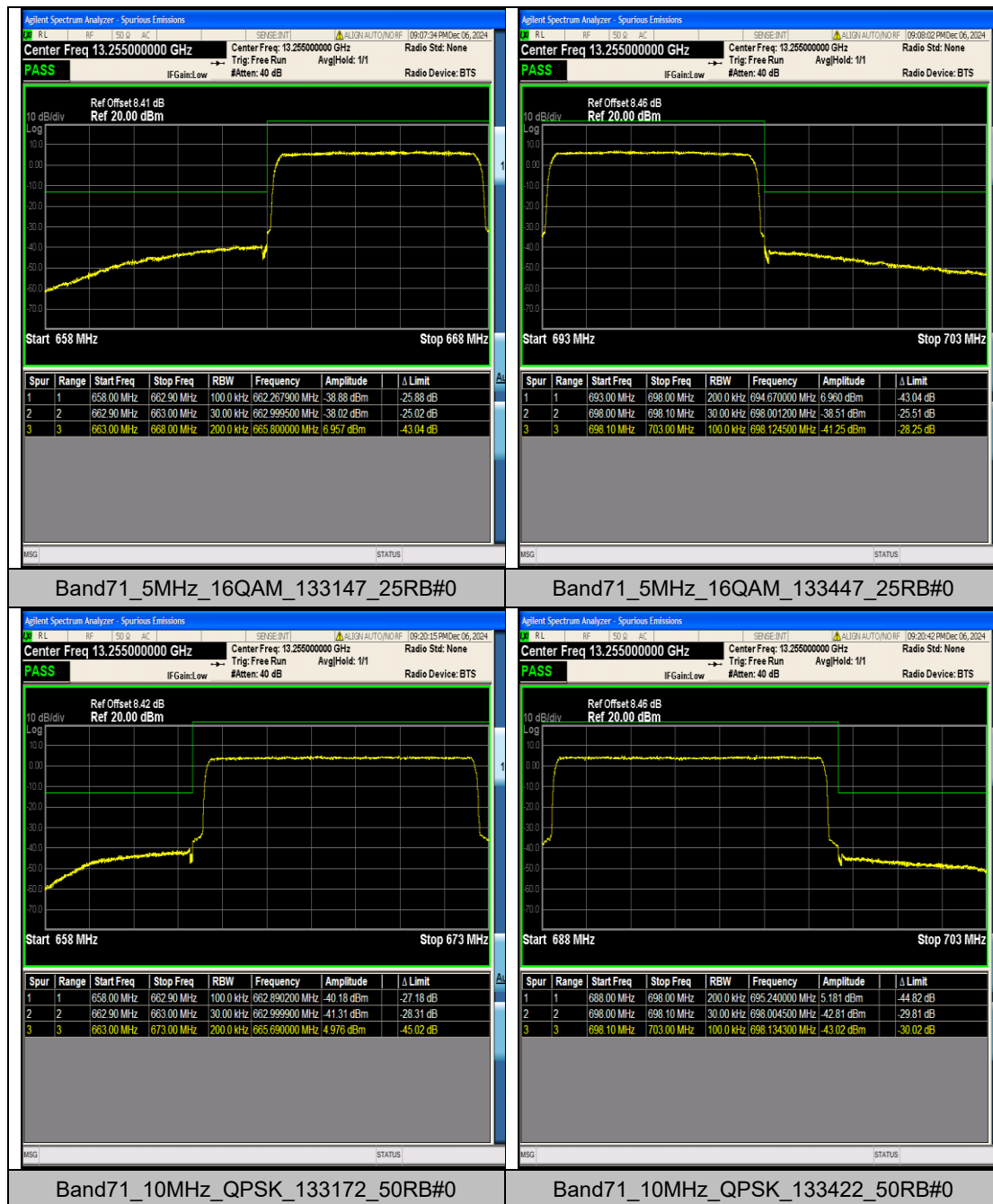
Appendix D: Band Edge

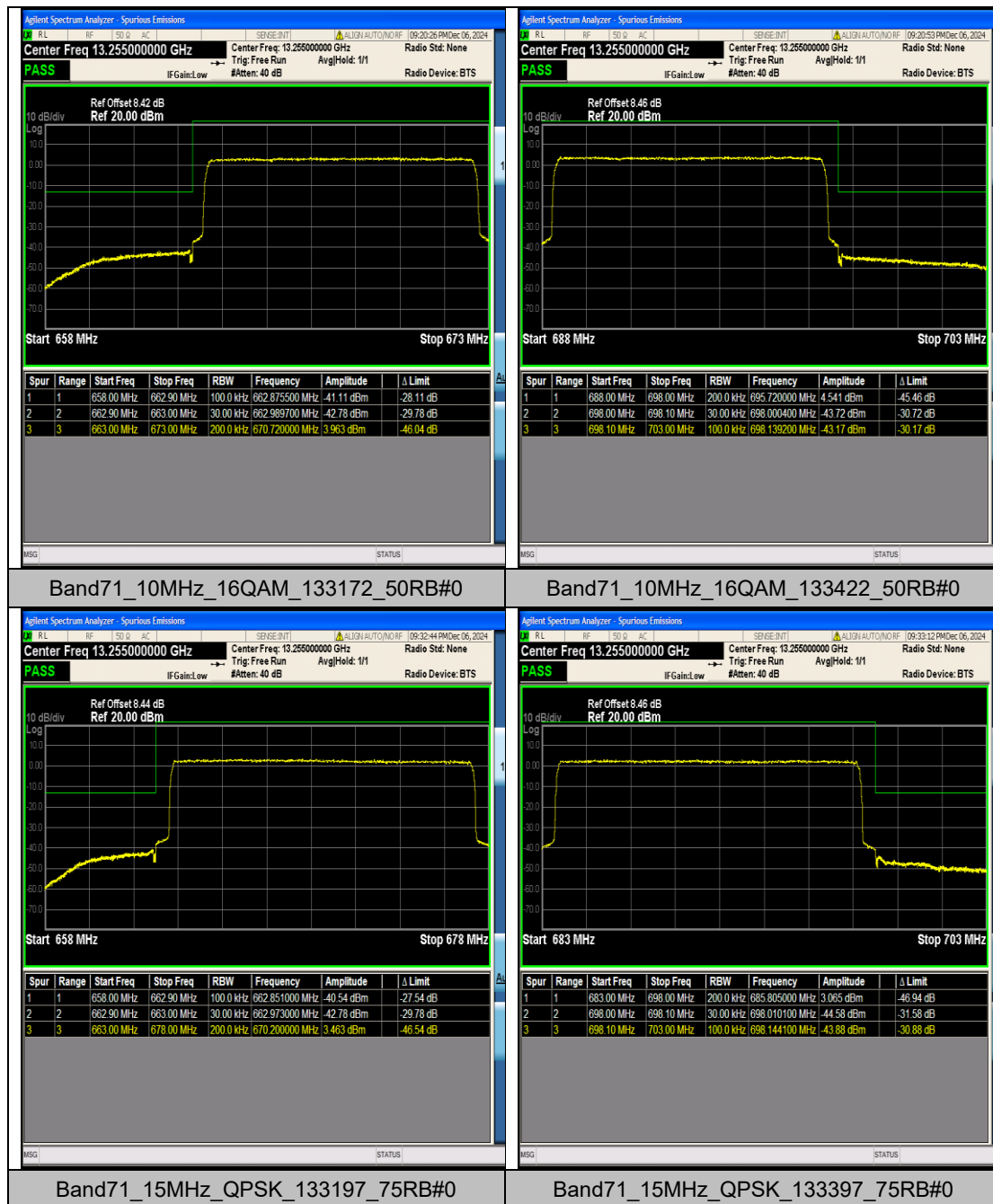
Test Result

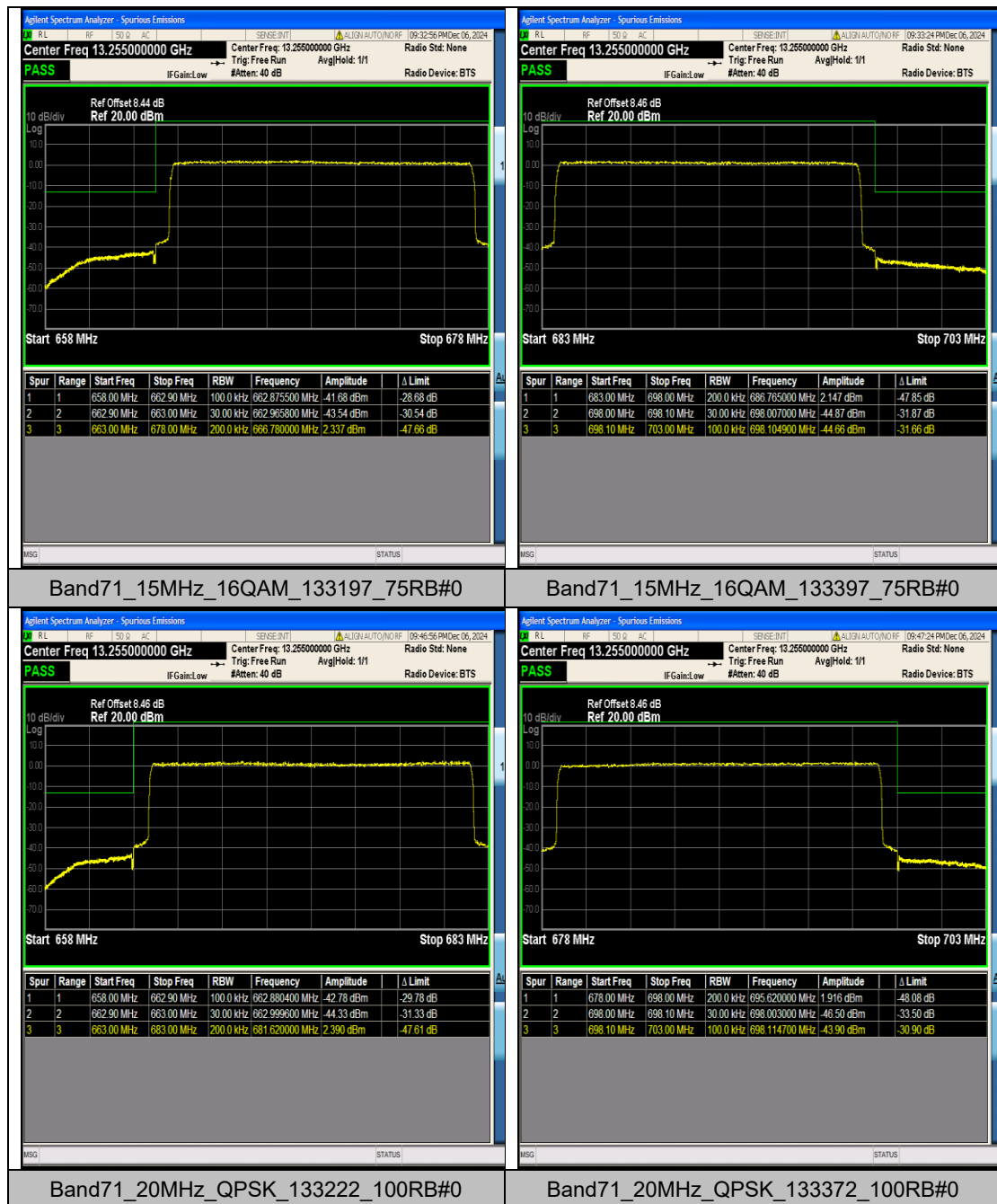
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	-35.56	PASS
Band71	5MHz	QPSK	133447	25RB#0	-37.39	PASS
Band71	5MHz	16QAM	133147	25RB#0	-38.02	PASS
Band71	5MHz	16QAM	133447	25RB#0	-38.51	PASS
Band71	10MHz	QPSK	133172	50RB#0	-40.18	PASS
Band71	10MHz	QPSK	133422	50RB#0	-42.81	PASS
Band71	10MHz	16QAM	133172	50RB#0	-41.11	PASS
Band71	10MHz	16QAM	133422	50RB#0	-43.17	PASS
Band71	15MHz	QPSK	133197	75RB#0	-40.54	PASS
Band71	15MHz	QPSK	133397	75RB#0	-43.88	PASS
Band71	15MHz	16QAM	133197	75RB#0	-41.68	PASS
Band71	15MHz	16QAM	133397	75RB#0	-44.66	PASS
Band71	20MHz	QPSK	133222	100RB#0	-42.78	PASS
Band71	20MHz	QPSK	133372	100RB#0	-43.90	PASS
Band71	20MHz	16QAM	133222	100RB#0	-43.26	PASS
Band71	20MHz	16QAM	133372	100RB#0	-44.65	PASS

Test Graphs











Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	0.009~0.15	-42.26	PASS
Band71	5MHz	QPSK	133147	25RB#0	0.15~30	-53.66	PASS
Band71	5MHz	QPSK	133147	25RB#0	30~1000	-56.31	PASS
Band71	5MHz	QPSK	133147	25RB#0	1000~3000	-46.90	PASS
Band71	5MHz	QPSK	133147	25RB#0	3000~10000	-43.80	PASS
Band71	5MHz	QPSK	133297	25RB#0	0.009~0.15	-40.56	PASS
Band71	5MHz	QPSK	133297	25RB#0	0.15~30	-54.12	PASS
Band71	5MHz	QPSK	133297	25RB#0	30~1000	-56.98	PASS
Band71	5MHz	QPSK	133297	25RB#0	1000~3000	-46.57	PASS
Band71	5MHz	QPSK	133297	25RB#0	3000~10000	-43.57	PASS
Band71	5MHz	QPSK	133447	25RB#0	0.009~0.15	-41.02	PASS
Band71	5MHz	QPSK	133447	25RB#0	0.15~30	-55.15	PASS
Band71	5MHz	QPSK	133447	25RB#0	30~1000	-56.40	PASS
Band71	5MHz	QPSK	133447	25RB#0	1000~3000	-46.88	PASS
Band71	5MHz	QPSK	133447	25RB#0	3000~10000	-43.84	PASS
Band71	5MHz	16QAM	133147	25RB#0	0.009~0.15	-40.15	PASS
Band71	5MHz	16QAM	133147	25RB#0	0.15~30	-52.75	PASS
Band71	5MHz	16QAM	133147	25RB#0	30~1000	-57.52	PASS
Band71	5MHz	16QAM	133147	25RB#0	1000~3000	-46.93	PASS
Band71	5MHz	16QAM	133147	25RB#0	3000~10000	-43.68	PASS
Band71	5MHz	16QAM	133297	25RB#0	0.009~0.15	-40.51	PASS
Band71	5MHz	16QAM	133297	25RB#0	0.15~30	-53.31	PASS
Band71	5MHz	16QAM	133297	25RB#0	30~1000	-58.27	PASS
Band71	5MHz	16QAM	133297	25RB#0	1000~3000	-46.95	PASS
Band71	5MHz	16QAM	133297	25RB#0	3000~10000	-43.69	PASS
Band71	5MHz	16QAM	133447	25RB#0	0.009~0.15	-41.53	PASS
Band71	5MHz	16QAM	133447	25RB#0	0.15~30	-52.50	PASS
Band71	5MHz	16QAM	133447	25RB#0	30~1000	-58.03	PASS
Band71	5MHz	16QAM	133447	25RB#0	1000~3000	-47.26	PASS
Band71	5MHz	16QAM	133447	25RB#0	3000~10000	-43.57	PASS
Band71	10MHz	QPSK	133172	50RB#0	0.009~0.15	-41.34	PASS
Band71	10MHz	QPSK	133172	50RB#0	0.15~30	-53.21	PASS
Band71	10MHz	QPSK	133172	50RB#0	30~1000	-59.34	PASS
Band71	10MHz	QPSK	133172	50RB#0	1000~3000	-47.28	PASS
Band71	10MHz	QPSK	133172	50RB#0	3000~10000	-43.64	PASS
Band71	10MHz	QPSK	133297	50RB#0	0.009~0.15	-42.18	PASS

Band71	10MHz	QPSK	133297	50RB#0	0.15~30	-53.44	PASS
Band71	10MHz	QPSK	133297	50RB#0	30~1000	-60.11	PASS
Band71	10MHz	QPSK	133297	50RB#0	1000~3000	-47.29	PASS
Band71	10MHz	QPSK	133297	50RB#0	3000~10000	-43.74	PASS
Band71	10MHz	QPSK	133422	50RB#0	0.009~0.15	-38.59	PASS
Band71	10MHz	QPSK	133422	50RB#0	0.15~30	-53.91	PASS
Band71	10MHz	QPSK	133422	50RB#0	30~1000	-59.34	PASS
Band71	10MHz	QPSK	133422	50RB#0	1000~3000	-47.05	PASS
Band71	10MHz	QPSK	133422	50RB#0	3000~10000	-43.68	PASS
Band71	10MHz	16QAM	133172	50RB#0	0.009~0.15	-44.83	PASS
Band71	10MHz	16QAM	133172	50RB#0	0.15~30	-53.85	PASS
Band71	10MHz	16QAM	133172	50RB#0	30~1000	-60.52	PASS
Band71	10MHz	16QAM	133172	50RB#0	1000~3000	-46.61	PASS
Band71	10MHz	16QAM	133172	50RB#0	3000~10000	-43.59	PASS
Band71	10MHz	16QAM	133297	50RB#0	0.009~0.15	-40.50	PASS
Band71	10MHz	16QAM	133297	50RB#0	0.15~30	-55.80	PASS
Band71	10MHz	16QAM	133297	50RB#0	30~1000	-61.19	PASS
Band71	10MHz	16QAM	133297	50RB#0	1000~3000	-47.20	PASS
Band71	10MHz	16QAM	133297	50RB#0	3000~10000	-43.77	PASS
Band71	10MHz	16QAM	133422	50RB#0	0.009~0.15	-43.57	PASS
Band71	10MHz	16QAM	133422	50RB#0	0.15~30	-54.21	PASS
Band71	10MHz	16QAM	133422	50RB#0	30~1000	-59.65	PASS
Band71	10MHz	16QAM	133422	50RB#0	1000~3000	-47.34	PASS
Band71	10MHz	16QAM	133422	50RB#0	3000~10000	-43.41	PASS
Band71	15MHz	QPSK	133197	75RB#0	0.009~0.15	-41.07	PASS
Band71	15MHz	QPSK	133197	75RB#0	0.15~30	-53.27	PASS
Band71	15MHz	QPSK	133197	75RB#0	30~1000	-57.57	PASS
Band71	15MHz	QPSK	133197	75RB#0	1000~3000	-47.27	PASS
Band71	15MHz	QPSK	133197	75RB#0	3000~10000	-43.20	PASS
Band71	15MHz	QPSK	133297	75RB#0	0.009~0.15	-41.14	PASS
Band71	15MHz	QPSK	133297	75RB#0	0.15~30	-54.53	PASS
Band71	15MHz	QPSK	133297	75RB#0	30~1000	-61.48	PASS
Band71	15MHz	QPSK	133297	75RB#0	1000~3000	-46.88	PASS
Band71	15MHz	QPSK	133297	75RB#0	3000~10000	-43.80	PASS
Band71	15MHz	QPSK	133397	75RB#0	0.009~0.15	-39.12	PASS
Band71	15MHz	QPSK	133397	75RB#0	0.15~30	-53.60	PASS
Band71	15MHz	QPSK	133397	75RB#0	30~1000	-61.76	PASS
Band71	15MHz	QPSK	133397	75RB#0	1000~3000	-47.35	PASS
Band71	15MHz	QPSK	133397	75RB#0	3000~10000	-43.66	PASS
Band71	15MHz	16QAM	133197	75RB#0	0.009~0.15	-38.14	PASS
Band71	15MHz	16QAM	133197	75RB#0	0.15~30	-52.39	PASS
Band71	15MHz	16QAM	133197	75RB#0	30~1000	-59.23	PASS
Band71	15MHz	16QAM	133197	75RB#0	1000~3000	-46.76	PASS

Band71	15MHz	16QAM	133197	75RB#0	3000~10000	-43.70	PASS
Band71	15MHz	16QAM	133297	75RB#0	0.009~0.15	-43.70	PASS
Band71	15MHz	16QAM	133297	75RB#0	0.15~30	-52.92	PASS
Band71	15MHz	16QAM	133297	75RB#0	30~1000	-60.96	PASS
Band71	15MHz	16QAM	133297	75RB#0	1000~3000	-47.32	PASS
Band71	15MHz	16QAM	133297	75RB#0	3000~10000	-43.43	PASS
Band71	15MHz	16QAM	133397	75RB#0	0.009~0.15	-40.86	PASS
Band71	15MHz	16QAM	133397	75RB#0	0.15~30	-54.22	PASS
Band71	15MHz	16QAM	133397	75RB#0	30~1000	-59.96	PASS
Band71	15MHz	16QAM	133397	75RB#0	1000~3000	-47.27	PASS
Band71	15MHz	16QAM	133397	75RB#0	3000~10000	-43.54	PASS
Band71	20MHz	QPSK	133222	100RB#0	0.009~0.15	-40.99	PASS
Band71	20MHz	QPSK	133222	100RB#0	0.15~30	-53.28	PASS
Band71	20MHz	QPSK	133222	100RB#0	30~1000	-61.67	PASS
Band71	20MHz	QPSK	133222	100RB#0	1000~3000	-46.88	PASS
Band71	20MHz	QPSK	133222	100RB#0	3000~10000	-43.29	PASS
Band71	20MHz	QPSK	133322	100RB#0	0.009~0.15	-43.47	PASS
Band71	20MHz	QPSK	133322	100RB#0	0.15~30	-54.60	PASS
Band71	20MHz	QPSK	133322	100RB#0	30~1000	-61.88	PASS
Band71	20MHz	QPSK	133322	100RB#0	1000~3000	-47.02	PASS
Band71	20MHz	QPSK	133322	100RB#0	3000~10000	-43.96	PASS
Band71	20MHz	QPSK	133372	100RB#0	0.009~0.15	-40.81	PASS
Band71	20MHz	QPSK	133372	100RB#0	0.15~30	-54.33	PASS
Band71	20MHz	QPSK	133372	100RB#0	30~1000	-61.72	PASS
Band71	20MHz	QPSK	133372	100RB#0	1000~3000	-46.94	PASS
Band71	20MHz	QPSK	133372	100RB#0	3000~10000	-43.64	PASS
Band71	20MHz	16QAM	133222	100RB#0	0.009~0.15	-41.74	PASS
Band71	20MHz	16QAM	133222	100RB#0	0.15~30	-54.25	PASS
Band71	20MHz	16QAM	133222	100RB#0	30~1000	-61.64	PASS
Band71	20MHz	16QAM	133222	100RB#0	1000~3000	-46.95	PASS
Band71	20MHz	16QAM	133222	100RB#0	3000~10000	-43.56	PASS
Band71	20MHz	16QAM	133322	100RB#0	0.009~0.15	-40.48	PASS
Band71	20MHz	16QAM	133322	100RB#0	0.15~30	-54.79	PASS
Band71	20MHz	16QAM	133322	100RB#0	30~1000	-61.97	PASS
Band71	20MHz	16QAM	133322	100RB#0	1000~3000	-47.12	PASS
Band71	20MHz	16QAM	133322	100RB#0	3000~10000	-43.23	PASS
Band71	20MHz	16QAM	133372	100RB#0	0.009~0.15	-43.37	PASS
Band71	20MHz	16QAM	133372	100RB#0	0.15~30	-51.15	PASS
Band71	20MHz	16QAM	133372	100RB#0	30~1000	-61.81	PASS
Band71	20MHz	16QAM	133372	100RB#0	1000~3000	-47.28	PASS
Band71	20MHz	16QAM	133372	100RB#0	3000~10000	-43.68	PASS

Test Graphs

