

FCC Appendix RF Test Data for LTE Band 71

FCC ID : 2BRHB-DC20

Company : Shenzhen SelectCam Technology Co., Ltd.

EUT : 4G Dashcam

Model Number : DC20

Report No. : CTA26031600807

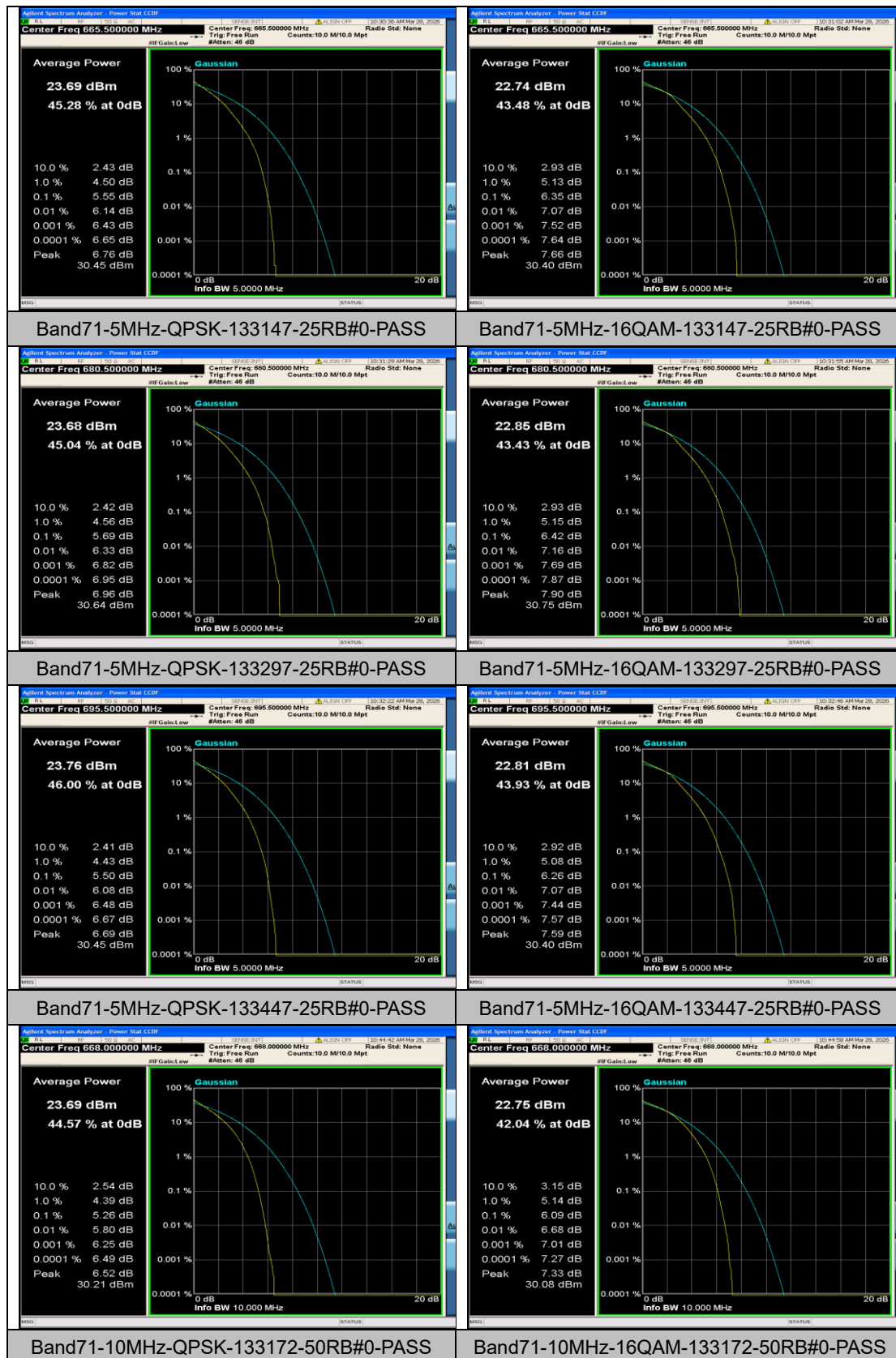
Reviewed By : Eric Wang

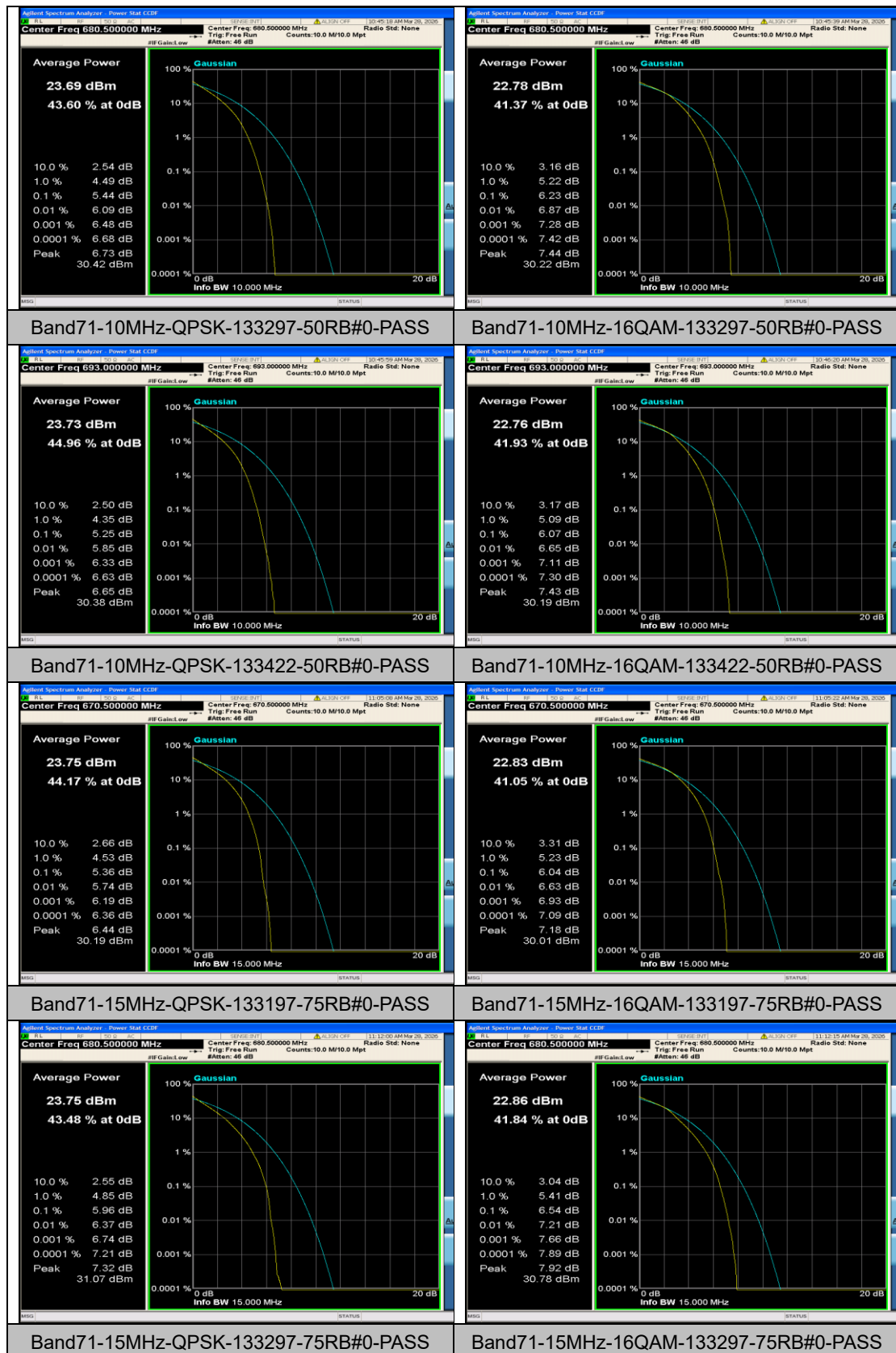
Appendix B: Peak-to-Average Ratio(CCDF)

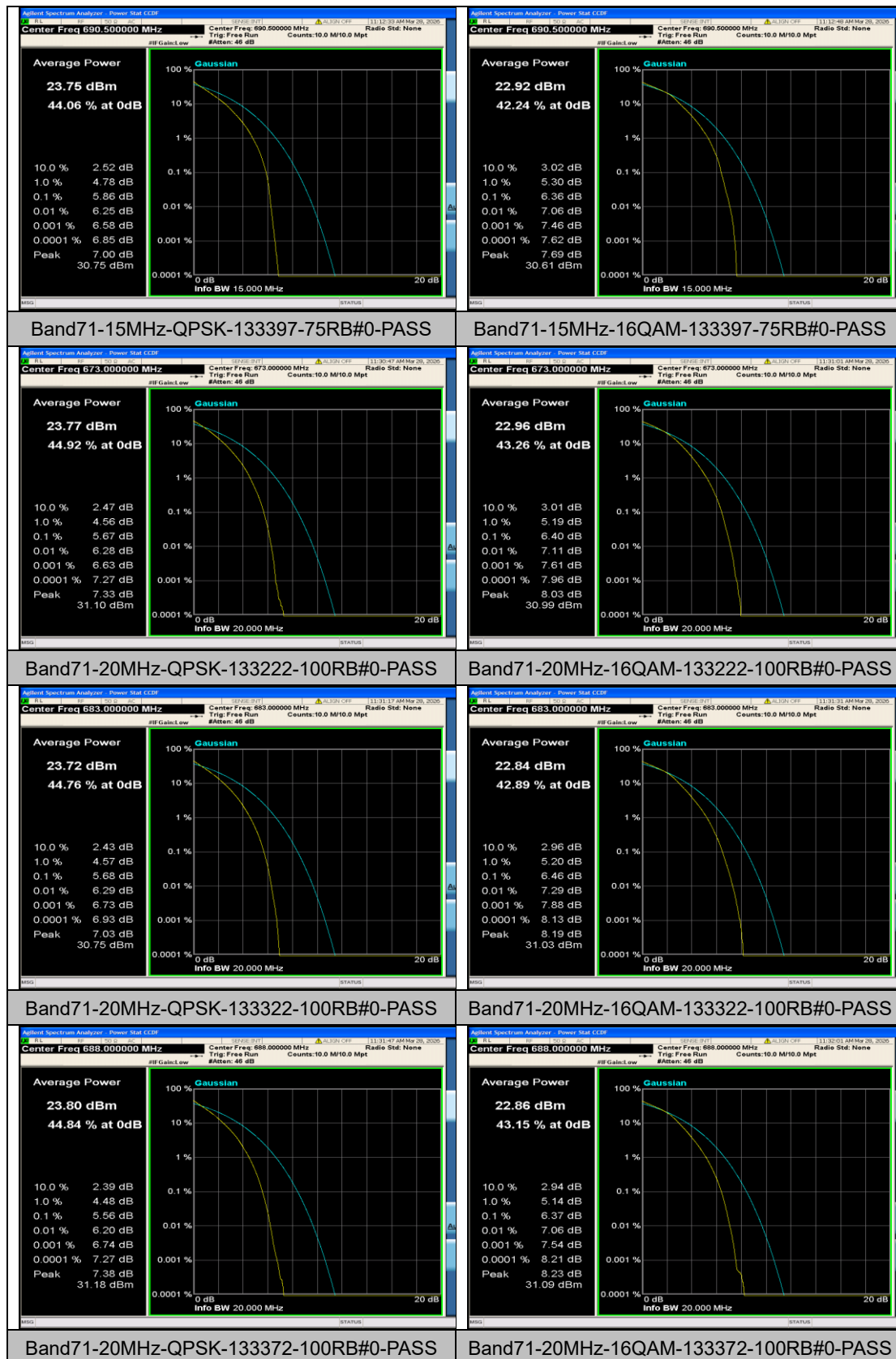
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	5.55	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	6.35	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	5.69	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	6.42	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.50	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	6.26	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	5.26	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	6.09	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	5.44	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	6.23	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	5.25	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	6.07	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.36	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	6.04	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	5.96	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	6.54	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	5.86	13	PASS
Band71	15MHz	16QAM	133397	75RB#0	6.36	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.67	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.40	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.68	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.46	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.56	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.37	13	PASS

Test Graphs







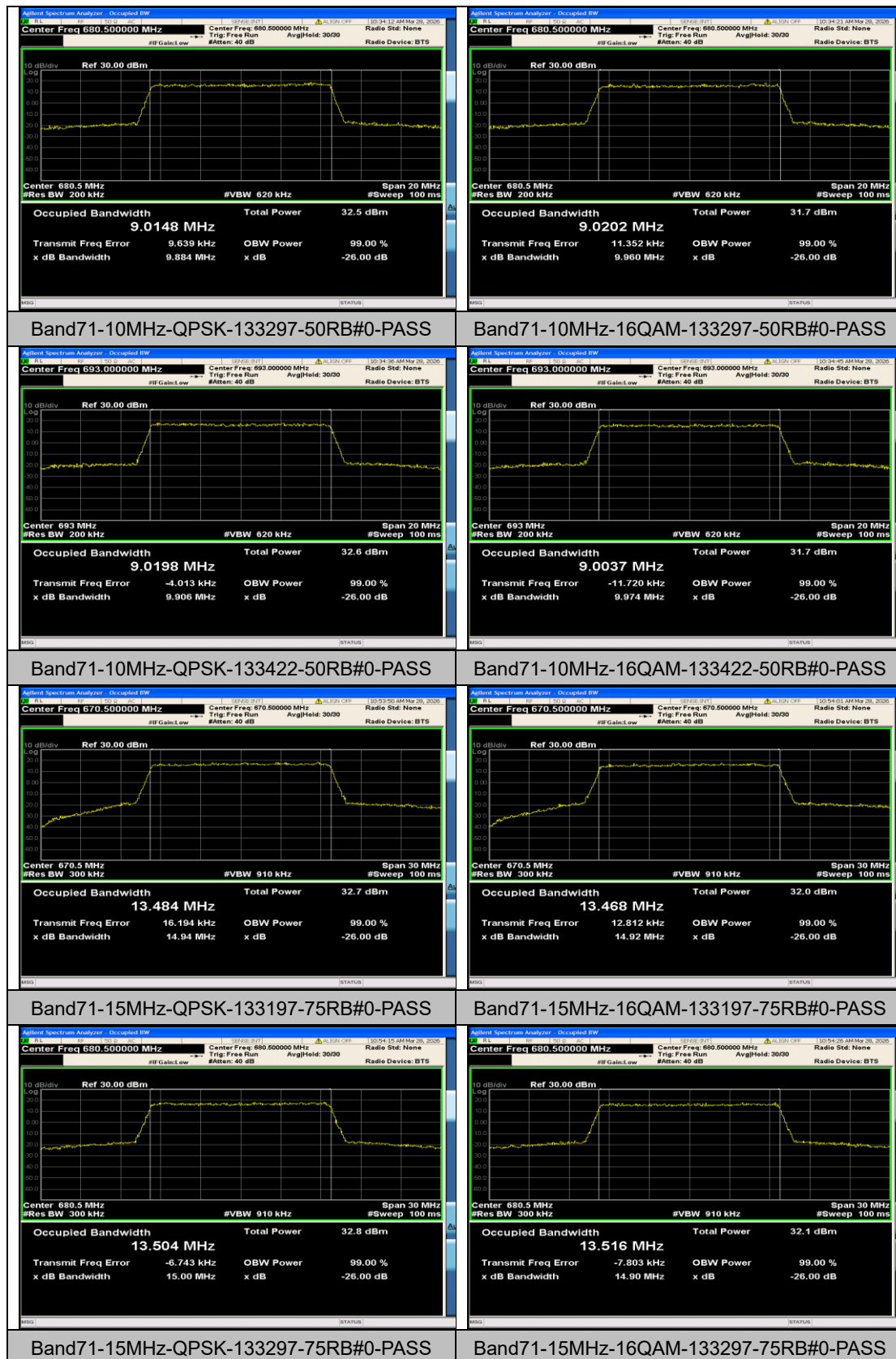
Appendix C: 26dB Bandwidth and Occupied Bandwidth

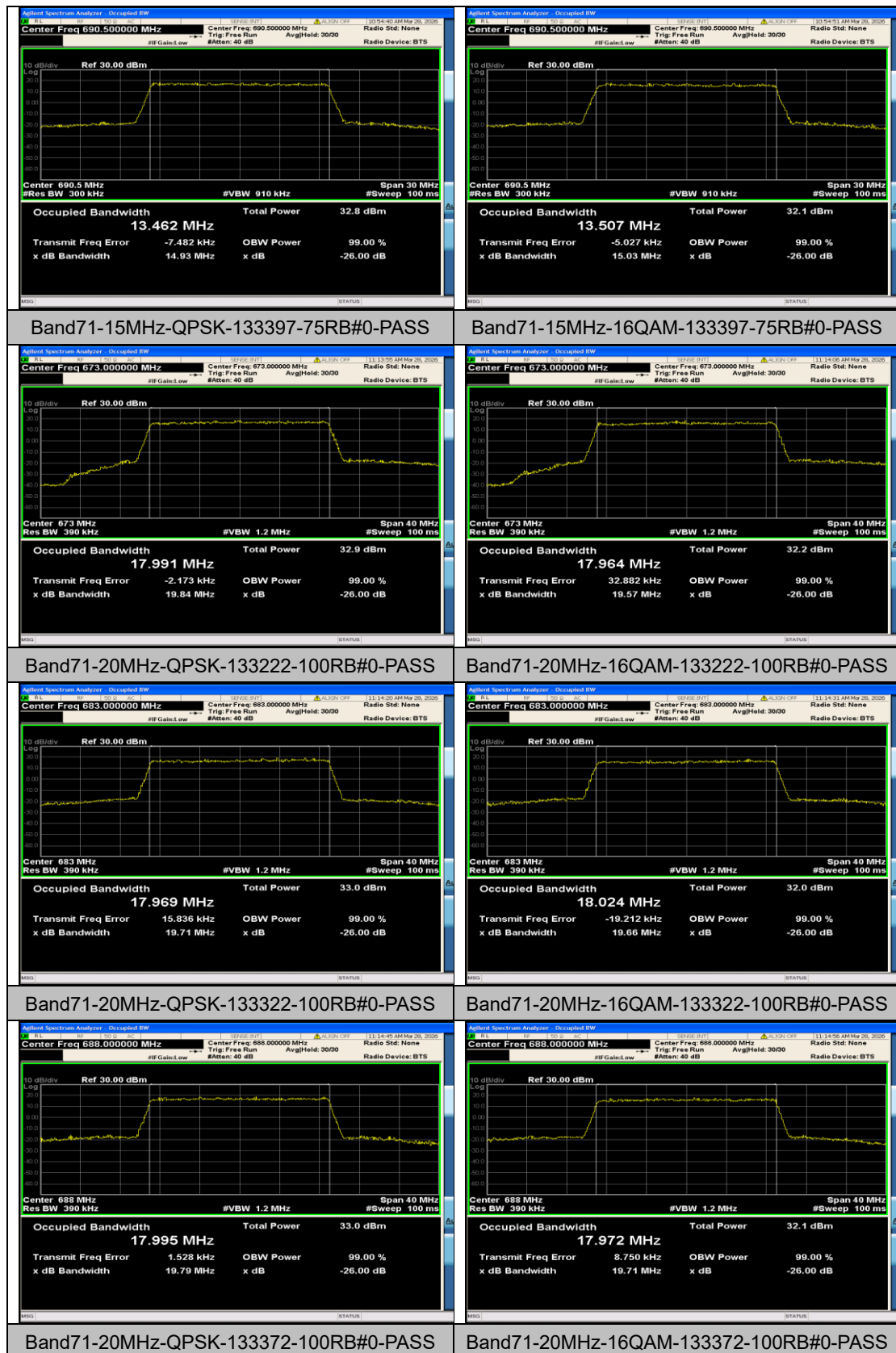
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.5091	4.978	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.5167	4.981	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.5144	4.985	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.5088	4.971	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.5037	4.977	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.5126	4.976	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.9887	9.863	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.9843	9.896	PASS
Band71	10MHz	QPSK	133297	50RB#0	9.0148	9.884	PASS
Band71	10MHz	16QAM	133297	50RB#0	9.0202	9.960	PASS
Band71	10MHz	QPSK	133422	50RB#0	9.0198	9.906	PASS
Band71	10MHz	16QAM	133422	50RB#0	9.0037	9.974	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.484	14.94	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.468	14.92	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.504	15.00	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.516	14.90	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.462	14.93	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.507	15.03	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.991	19.84	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.964	19.57	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.969	19.71	PASS
Band71	20MHz	16QAM	133322	100RB#0	18.024	19.66	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.995	19.79	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.972	19.71	PASS

Test Graphs





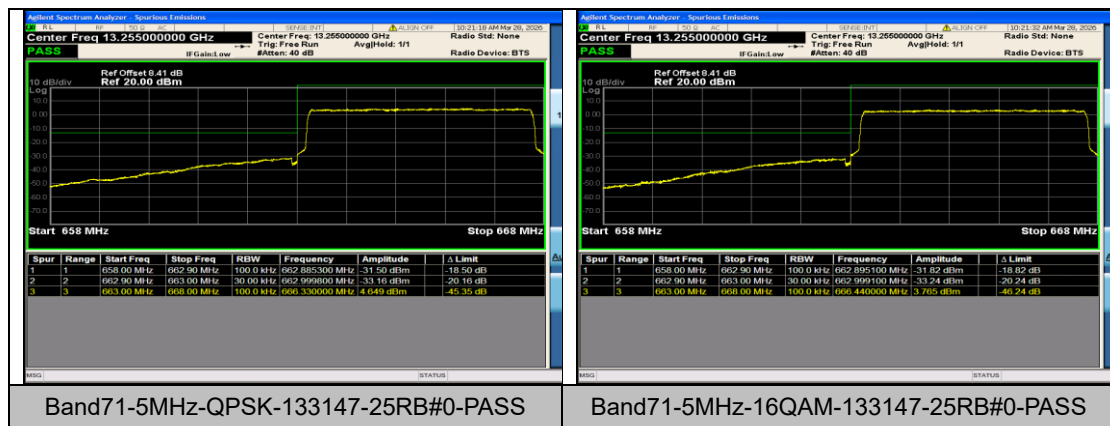


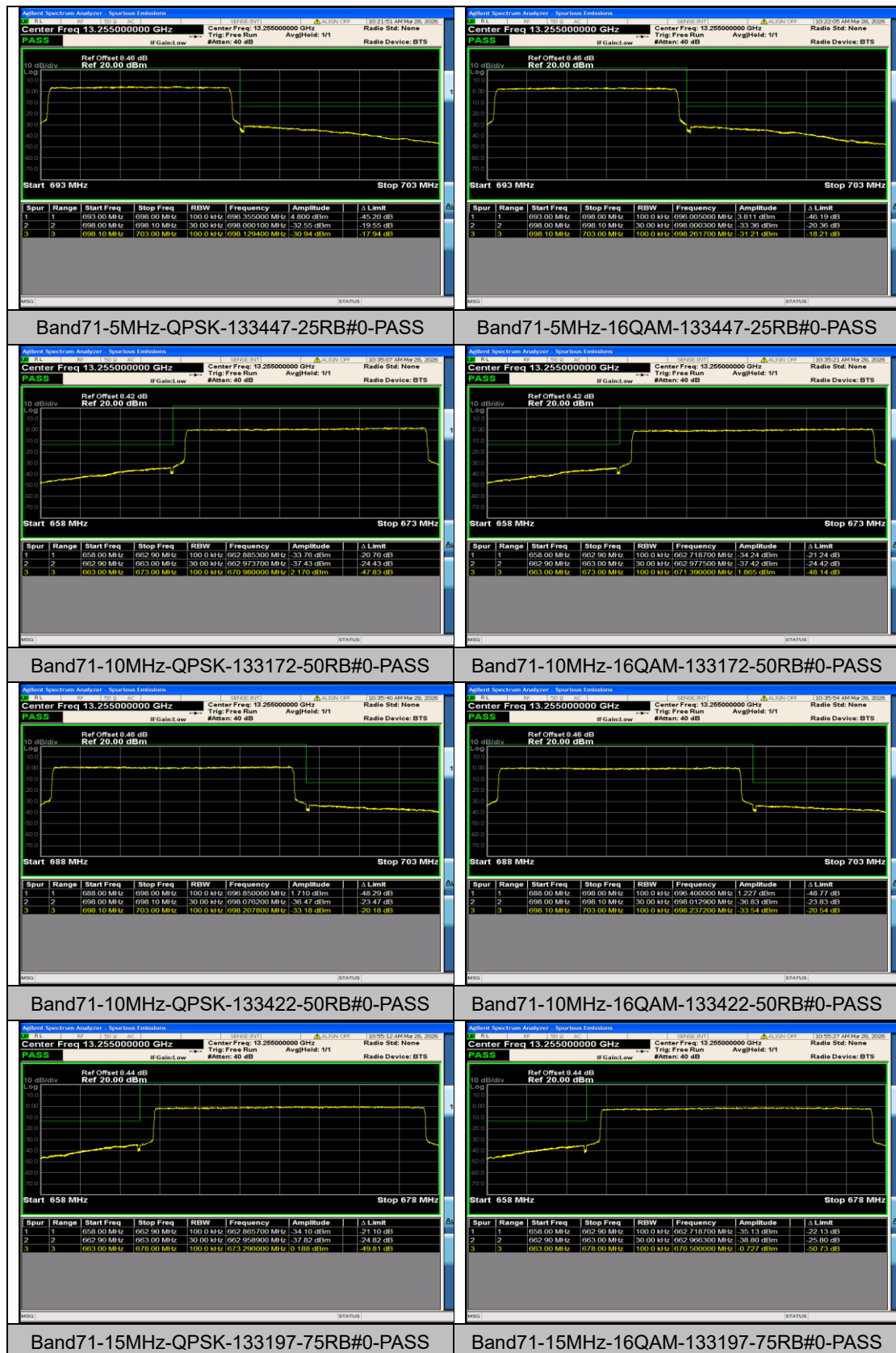
Appendix D: Band Edge

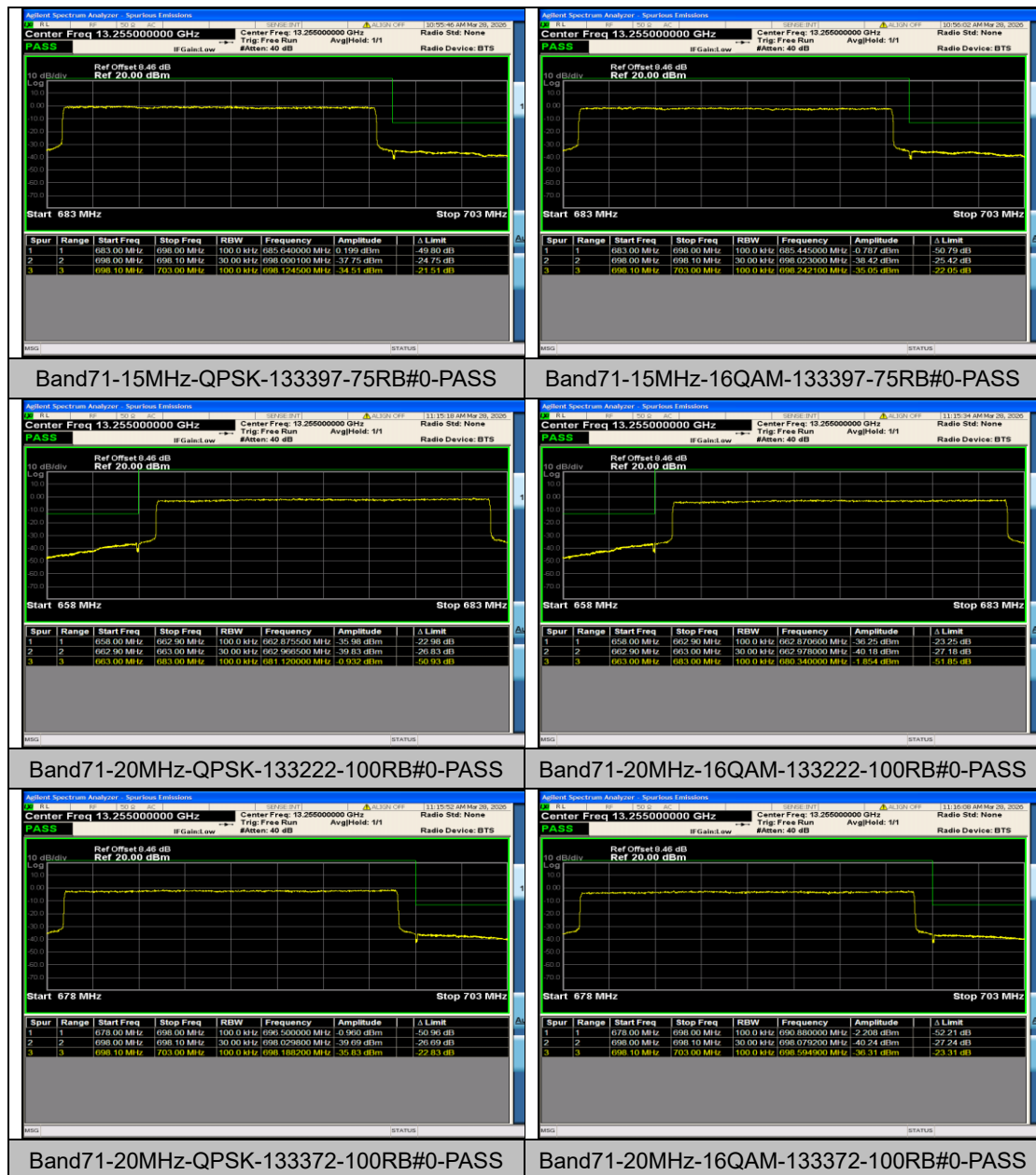
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	-31.50	PASS
Band71	5MHz	16QAM	133147	25RB#0	-31.82	PASS
Band71	5MHz	QPSK	133447	25RB#0	-30.94	PASS
Band71	5MHz	16QAM	133447	25RB#0	-31.21	PASS
Band71	10MHz	QPSK	133172	50RB#0	-33.76	PASS
Band71	10MHz	16QAM	133172	50RB#0	-34.24	PASS
Band71	10MHz	QPSK	133422	50RB#0	-33.18	PASS
Band71	10MHz	16QAM	133422	50RB#0	-33.54	PASS
Band71	15MHz	QPSK	133197	75RB#0	-34.10	PASS
Band71	15MHz	16QAM	133197	75RB#0	-35.13	PASS
Band71	15MHz	QPSK	133397	75RB#0	-34.51	PASS
Band71	15MHz	16QAM	133397	75RB#0	-35.05	PASS
Band71	20MHz	QPSK	133222	100RB#0	-35.98	PASS
Band71	20MHz	16QAM	133222	100RB#0	-36.25	PASS
Band71	20MHz	QPSK	133372	100RB#0	-35.83	PASS
Band71	20MHz	16QAM	133372	100RB#0	-36.31	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	-60.28	PASS
Band71	5MHz	QPSK	133147	25RB#0	0.15~30	-52.45	PASS
Band71	5MHz	QPSK	133147	25RB#0	30~1000	-46.71	PASS
Band71	5MHz	QPSK	133147	25RB#0	1000~3000	-48.24	PASS
Band71	5MHz	QPSK	133147	25RB#0	3000~10000	-44.27	PASS
Band71	5MHz	16QAM	133147	25RB#0	0.009~0.15	-60.21	PASS
Band71	5MHz	16QAM	133147	25RB#0	0.15~30	-53.37	PASS
Band71	5MHz	16QAM	133147	25RB#0	30~1000	-46.33	PASS
Band71	5MHz	16QAM	133147	25RB#0	1000~3000	-47.97	PASS
Band71	5MHz	16QAM	133147	25RB#0	3000~10000	-44.32	PASS
Band71	5MHz	QPSK	133297	25RB#0	0.009~0.15	-61.15	PASS
Band71	5MHz	QPSK	133297	25RB#0	0.15~30	-54.34	PASS
Band71	5MHz	QPSK	133297	25RB#0	30~1000	-58.28	PASS
Band71	5MHz	QPSK	133297	25RB#0	1000~3000	-48.11	PASS
Band71	5MHz	QPSK	133297	25RB#0	3000~10000	-43.77	PASS
Band71	5MHz	16QAM	133297	25RB#0	0.009~0.15	-59.80	PASS
Band71	5MHz	16QAM	133297	25RB#0	0.15~30	-52.05	PASS
Band71	5MHz	16QAM	133297	25RB#0	30~1000	-58.36	PASS
Band71	5MHz	16QAM	133297	25RB#0	1000~3000	-48.22	PASS
Band71	5MHz	16QAM	133297	25RB#0	3000~10000	-44.06	PASS
Band71	5MHz	QPSK	133447	25RB#0	0.009~0.15	-61.00	PASS
Band71	5MHz	QPSK	133447	25RB#0	0.15~30	-50.83	PASS
Band71	5MHz	QPSK	133447	25RB#0	30~1000	-39.94	PASS
Band71	5MHz	QPSK	133447	25RB#0	1000~3000	-47.68	PASS
Band71	5MHz	QPSK	133447	25RB#0	3000~10000	-43.61	PASS
Band71	5MHz	16QAM	133447	25RB#0	0.009~0.15	-59.89	PASS
Band71	5MHz	16QAM	133447	25RB#0	0.15~30	-52.82	PASS
Band71	5MHz	16QAM	133447	25RB#0	30~1000	-40.31	PASS
Band71	5MHz	16QAM	133447	25RB#0	1000~3000	-48.13	PASS
Band71	5MHz	16QAM	133447	25RB#0	3000~10000	-44.18	PASS
Band71	10MHz	QPSK	133172	50RB#0	0.009~0.15	-60.62	PASS
Band71	10MHz	QPSK	133172	50RB#0	0.15~30	-52.19	PASS
Band71	10MHz	QPSK	133172	50RB#0	30~1000	-41.39	PASS
Band71	10MHz	QPSK	133172	50RB#0	1000~3000	-47.92	PASS
Band71	10MHz	QPSK	133172	50RB#0	3000~10000	-44.08	PASS
Band71	10MHz	16QAM	133172	50RB#0	0.009~0.15	-59.82	PASS

Band71	10MHz	16QAM	133172	50RB#0	0.15~30	-52.59	PASS
Band71	10MHz	16QAM	133172	50RB#0	30~1000	-41.73	PASS
Band71	10MHz	16QAM	133172	50RB#0	1000~3000	-48.21	PASS
Band71	10MHz	16QAM	133172	50RB#0	3000~10000	-43.71	PASS
Band71	10MHz	QPSK	133297	50RB#0	0.009~0.15	-60.75	PASS
Band71	10MHz	QPSK	133297	50RB#0	0.15~30	-54.78	PASS
Band71	10MHz	QPSK	133297	50RB#0	30~1000	-52.72	PASS
Band71	10MHz	QPSK	133297	50RB#0	1000~3000	-47.91	PASS
Band71	10MHz	QPSK	133297	50RB#0	3000~10000	-43.95	PASS
Band71	10MHz	16QAM	133297	50RB#0	0.009~0.15	-59.80	PASS
Band71	10MHz	16QAM	133297	50RB#0	0.15~30	-52.19	PASS
Band71	10MHz	16QAM	133297	50RB#0	30~1000	-52.20	PASS
Band71	10MHz	16QAM	133297	50RB#0	1000~3000	-48.08	PASS
Band71	10MHz	16QAM	133297	50RB#0	3000~10000	-44.20	PASS
Band71	10MHz	QPSK	133422	50RB#0	0.009~0.15	-60.22	PASS
Band71	10MHz	QPSK	133422	50RB#0	0.15~30	-52.88	PASS
Band71	10MHz	QPSK	133422	50RB#0	30~1000	-29.47	PASS
Band71	10MHz	QPSK	133422	50RB#0	1000~3000	-48.21	PASS
Band71	10MHz	QPSK	133422	50RB#0	3000~10000	-43.95	PASS
Band71	10MHz	16QAM	133422	50RB#0	0.009~0.15	-60.78	PASS
Band71	10MHz	16QAM	133422	50RB#0	0.15~30	-53.05	PASS
Band71	10MHz	16QAM	133422	50RB#0	30~1000	-31.31	PASS
Band71	10MHz	16QAM	133422	50RB#0	1000~3000	-48.00	PASS
Band71	10MHz	16QAM	133422	50RB#0	3000~10000	-44.21	PASS
Band71	15MHz	QPSK	133197	75RB#0	0.009~0.15	-60.23	PASS
Band71	15MHz	QPSK	133197	75RB#0	0.15~30	-53.64	PASS
Band71	15MHz	QPSK	133197	75RB#0	30~1000	-39.92	PASS
Band71	15MHz	QPSK	133197	75RB#0	1000~3000	-48.08	PASS
Band71	15MHz	QPSK	133197	75RB#0	3000~10000	-43.86	PASS
Band71	15MHz	16QAM	133197	75RB#0	0.009~0.15	-59.52	PASS
Band71	15MHz	16QAM	133197	75RB#0	0.15~30	-53.85	PASS
Band71	15MHz	16QAM	133197	75RB#0	30~1000	-41.86	PASS
Band71	15MHz	16QAM	133197	75RB#0	1000~3000	-48.06	PASS
Band71	15MHz	16QAM	133197	75RB#0	3000~10000	-44.02	PASS
Band71	15MHz	QPSK	133297	75RB#0	0.009~0.15	-59.51	PASS
Band71	15MHz	QPSK	133297	75RB#0	0.15~30	-51.29	PASS
Band71	15MHz	QPSK	133297	75RB#0	30~1000	-45.88	PASS
Band71	15MHz	QPSK	133297	75RB#0	1000~3000	-48.00	PASS
Band71	15MHz	QPSK	133297	75RB#0	3000~10000	-44.04	PASS
Band71	15MHz	16QAM	133297	75RB#0	0.009~0.15	-60.95	PASS
Band71	15MHz	16QAM	133297	75RB#0	0.15~30	-53.70	PASS
Band71	15MHz	16QAM	133297	75RB#0	30~1000	-48.79	PASS
Band71	15MHz	16QAM	133297	75RB#0	1000~3000	-48.07	PASS

Band71	15MHz	16QAM	133297	75RB#0	3000~10000	-43.40	PASS
Band71	15MHz	QPSK	133397	75RB#0	0.009~0.15	-59.61	PASS
Band71	15MHz	QPSK	133397	75RB#0	0.15~30	-53.30	PASS
Band71	15MHz	QPSK	133397	75RB#0	30~1000	-31.56	PASS
Band71	15MHz	QPSK	133397	75RB#0	1000~3000	-48.10	PASS
Band71	15MHz	QPSK	133397	75RB#0	3000~10000	-44.20	PASS
Band71	15MHz	16QAM	133397	75RB#0	0.009~0.15	-61.26	PASS
Band71	15MHz	16QAM	133397	75RB#0	0.15~30	-51.51	PASS
Band71	15MHz	16QAM	133397	75RB#0	30~1000	-35.79	PASS
Band71	15MHz	16QAM	133397	75RB#0	1000~3000	-48.07	PASS
Band71	15MHz	16QAM	133397	75RB#0	3000~10000	-44.15	PASS
Band71	20MHz	QPSK	133222	100RB#0	0.009~0.15	-59.80	PASS
Band71	20MHz	QPSK	133222	100RB#0	0.15~30	-52.50	PASS
Band71	20MHz	QPSK	133222	100RB#0	1000~3000	-48.18	PASS
Band71	20MHz	QPSK	133222	100RB#0	3000~10000	-43.98	PASS
Band71	20MHz	16QAM	133222	100RB#0	0.009~0.15	-60.06	PASS
Band71	20MHz	16QAM	133222	100RB#0	0.15~30	-51.92	PASS
Band71	20MHz	16QAM	133222	100RB#0	1000~3000	-47.99	PASS
Band71	20MHz	16QAM	133222	100RB#0	3000~10000	-44.18	PASS
Band71	20MHz	QPSK	133322	100RB#0	0.009~0.15	-60.00	PASS
Band71	20MHz	QPSK	133322	100RB#0	0.15~30	-52.96	PASS
Band71	20MHz	QPSK	133322	100RB#0	1000~3000	-48.11	PASS
Band71	20MHz	QPSK	133322	100RB#0	3000~10000	-43.98	PASS
Band71	20MHz	16QAM	133322	100RB#0	0.009~0.15	-60.20	PASS
Band71	20MHz	16QAM	133322	100RB#0	0.15~30	-50.63	PASS
Band71	20MHz	16QAM	133322	100RB#0	1000~3000	-48.16	PASS
Band71	20MHz	16QAM	133322	100RB#0	3000~10000	-43.26	PASS
Band71	20MHz	QPSK	133372	100RB#0	0.009~0.15	-60.07	PASS
Band71	20MHz	QPSK	133372	100RB#0	0.15~30	-52.97	PASS
Band71	20MHz	QPSK	133372	100RB#0	1000~3000	-48.14	PASS
Band71	20MHz	QPSK	133372	100RB#0	3000~10000	-43.77	PASS
Band71	20MHz	16QAM	133372	100RB#0	0.009~0.15	-60.93	PASS
Band71	20MHz	16QAM	133372	100RB#0	0.15~30	-51.34	PASS
Band71	20MHz	16QAM	133372	100RB#0	1000~3000	-47.71	PASS
Band71	20MHz	16QAM	133372	100RB#0	3000~10000	-43.97	PASS

Test Graphs

