

FCC Appendix RF Test Data for LTE Band 12

FCC ID : 2BRHB-DC20

Company : Shenzhen SelectCam Technology Co., Ltd.

EUT : 4G Dashcam

Model Number : DC20

Report No. : CTA26031600804

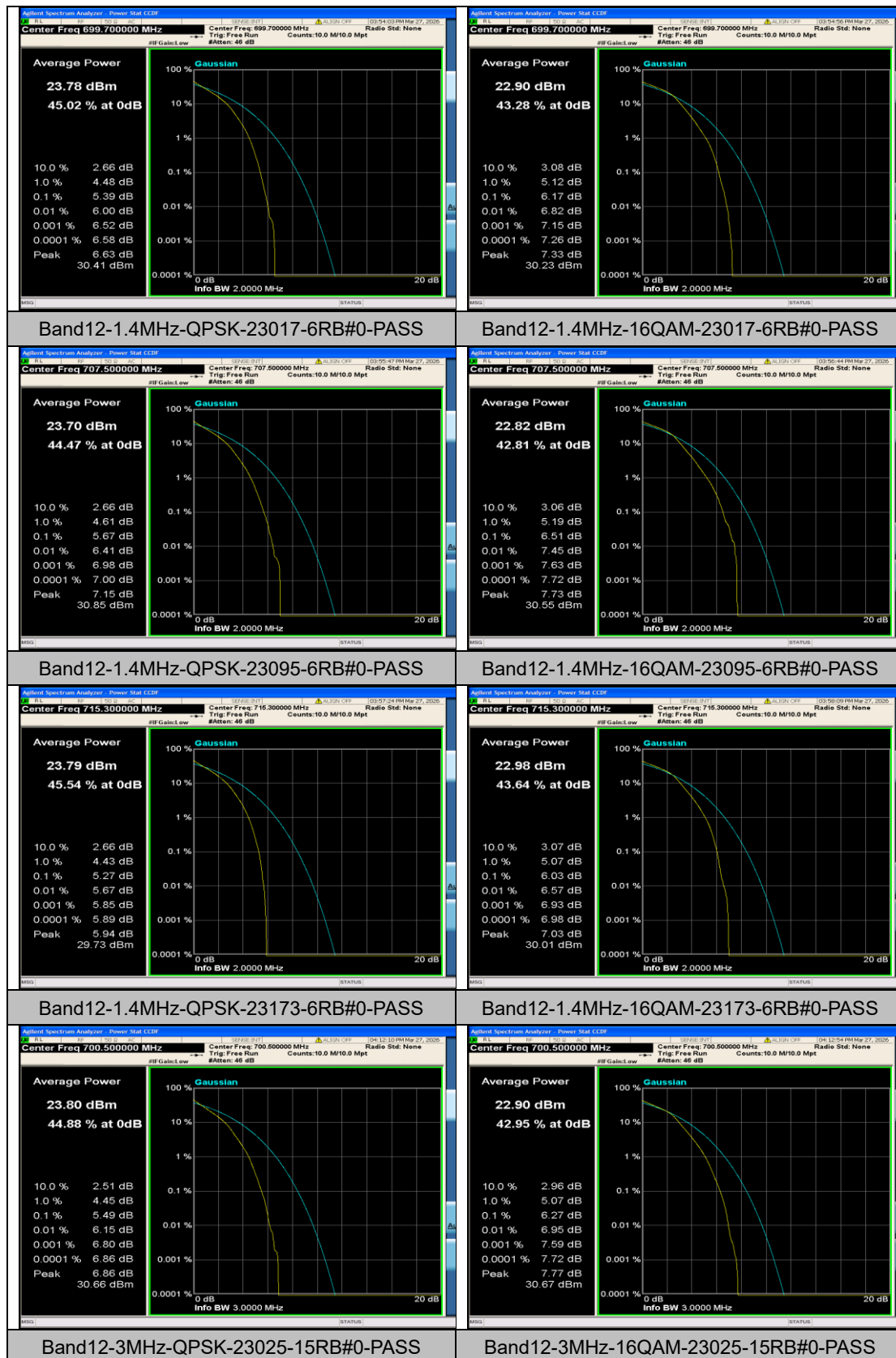
Reviewed By : Eric Wang

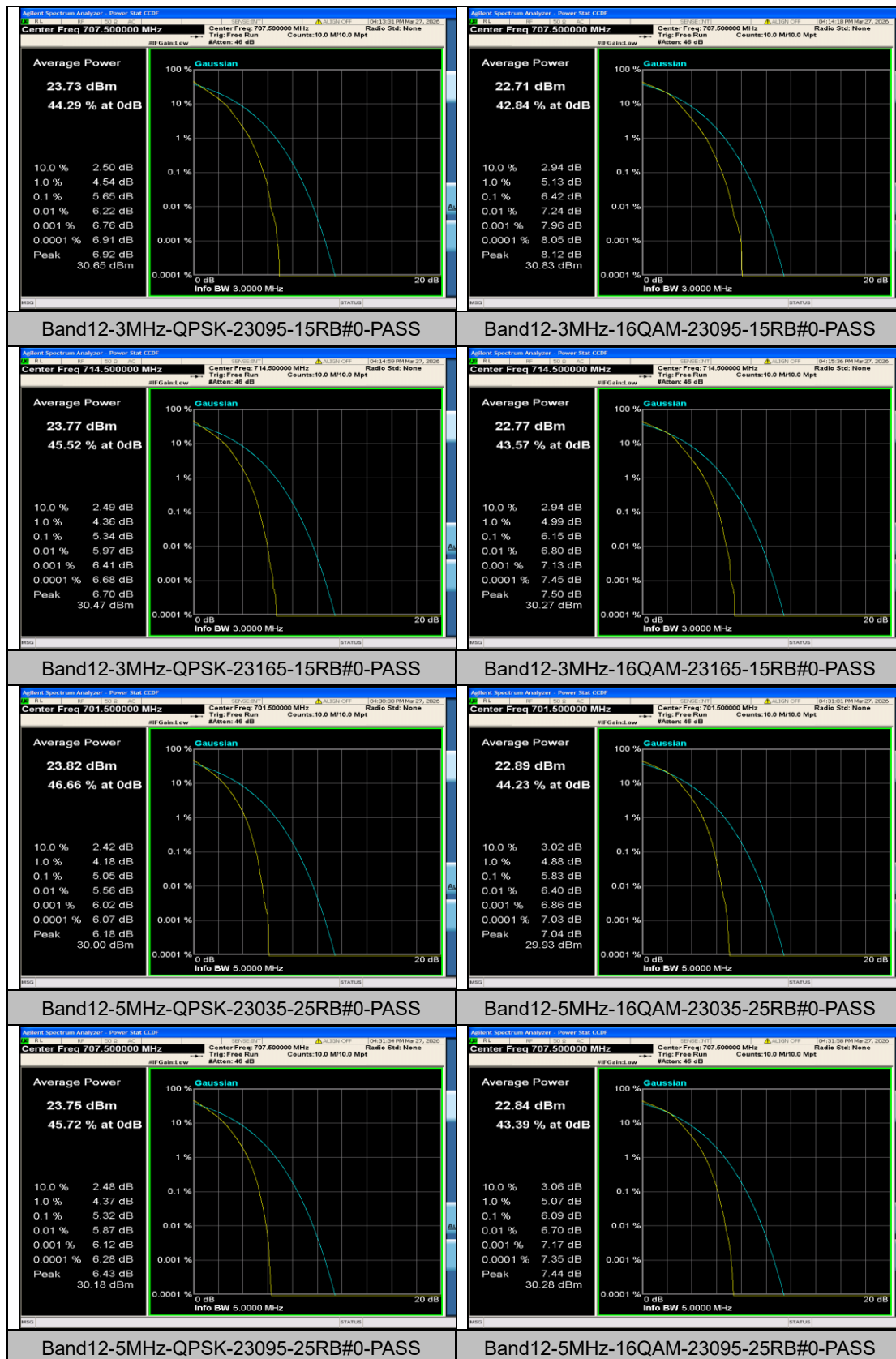
Appendix B: Peak-to-Average Ratio(CCDF)

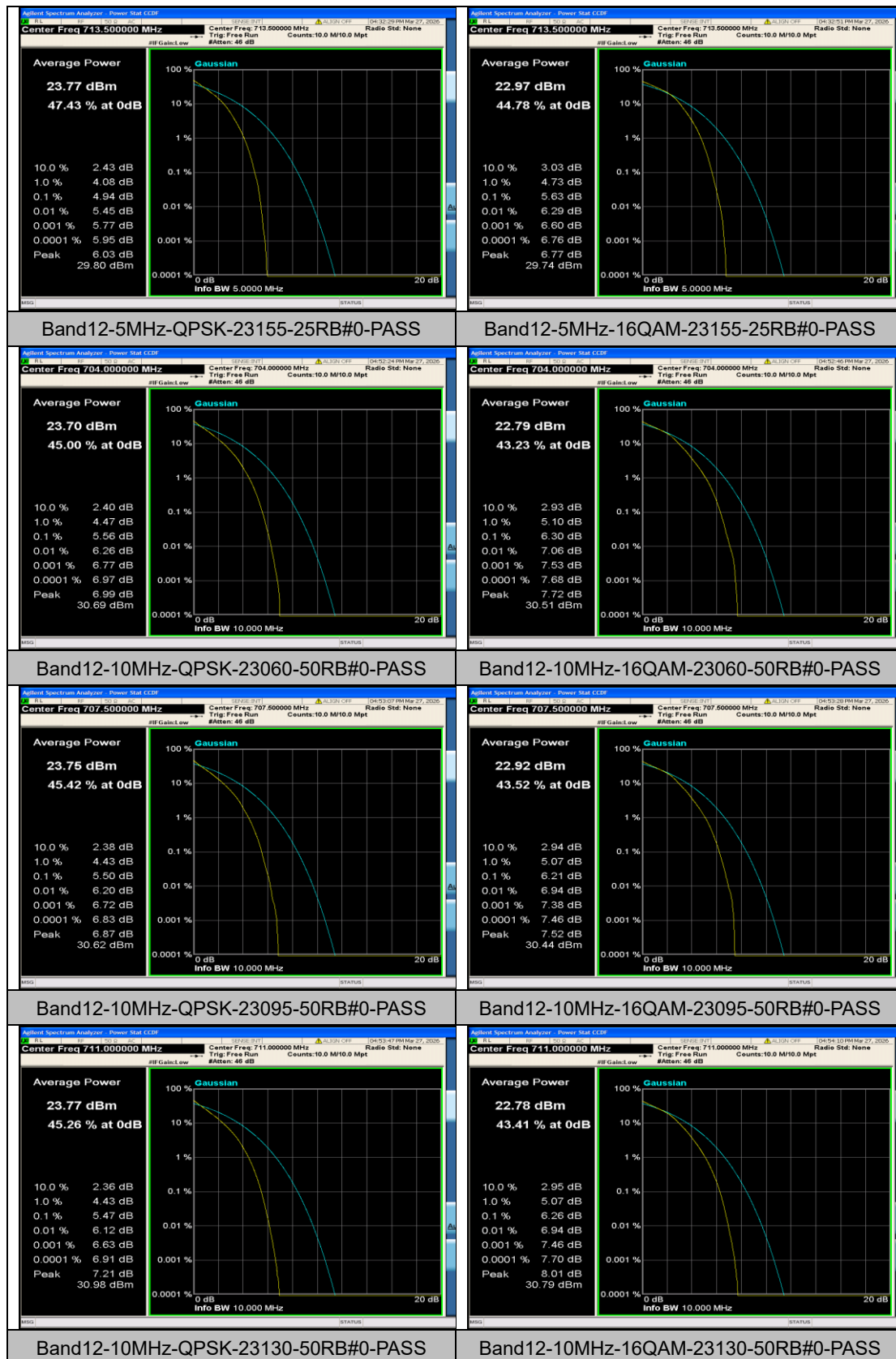
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.39	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.17	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.67	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.51	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.27	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.03	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.49	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.27	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.65	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.42	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.34	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.15	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.05	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.83	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.32	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.09	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.94	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.63	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.56	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.30	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.50	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.21	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.47	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.26	13	PASS

Test Graphs





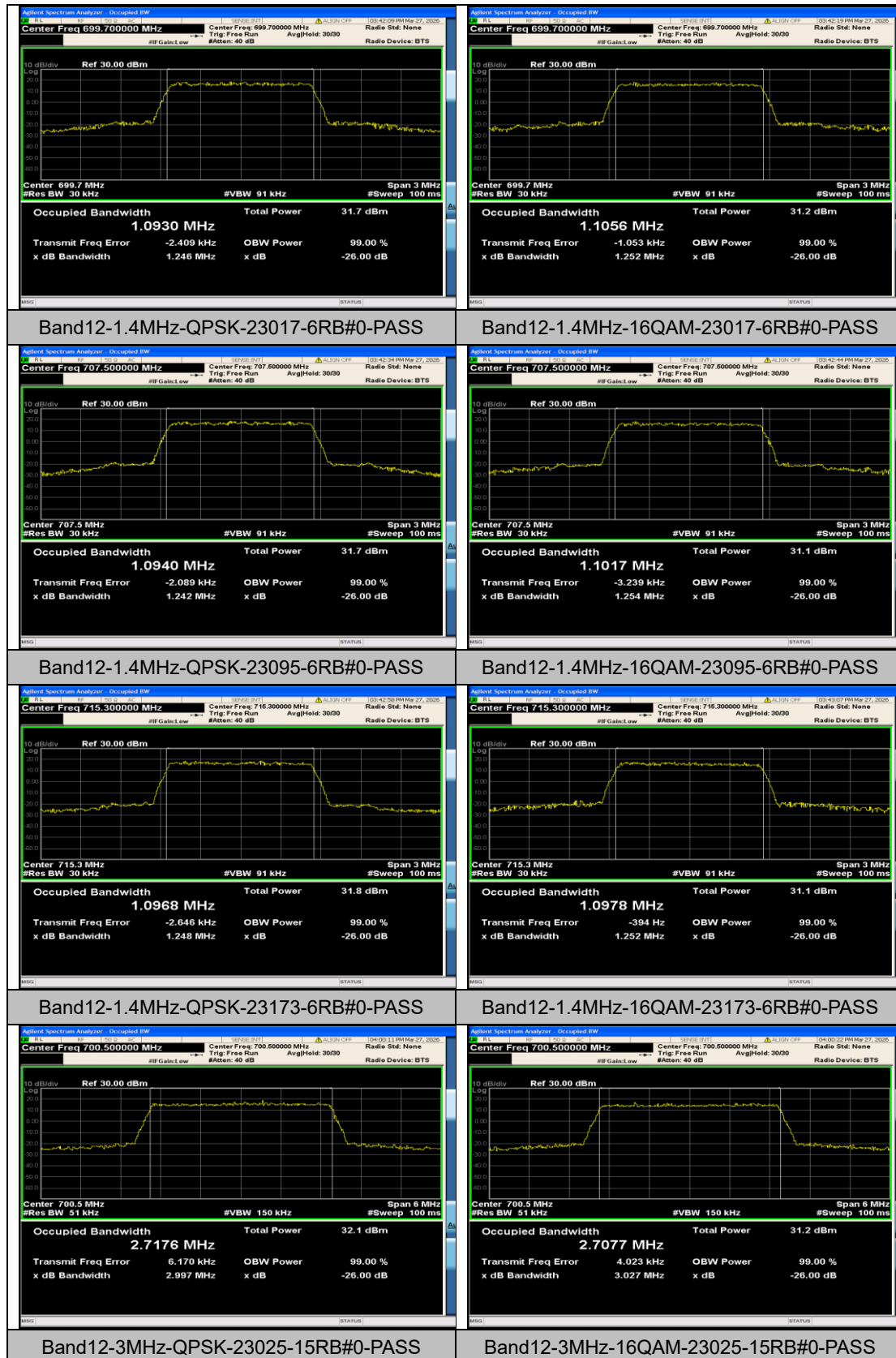


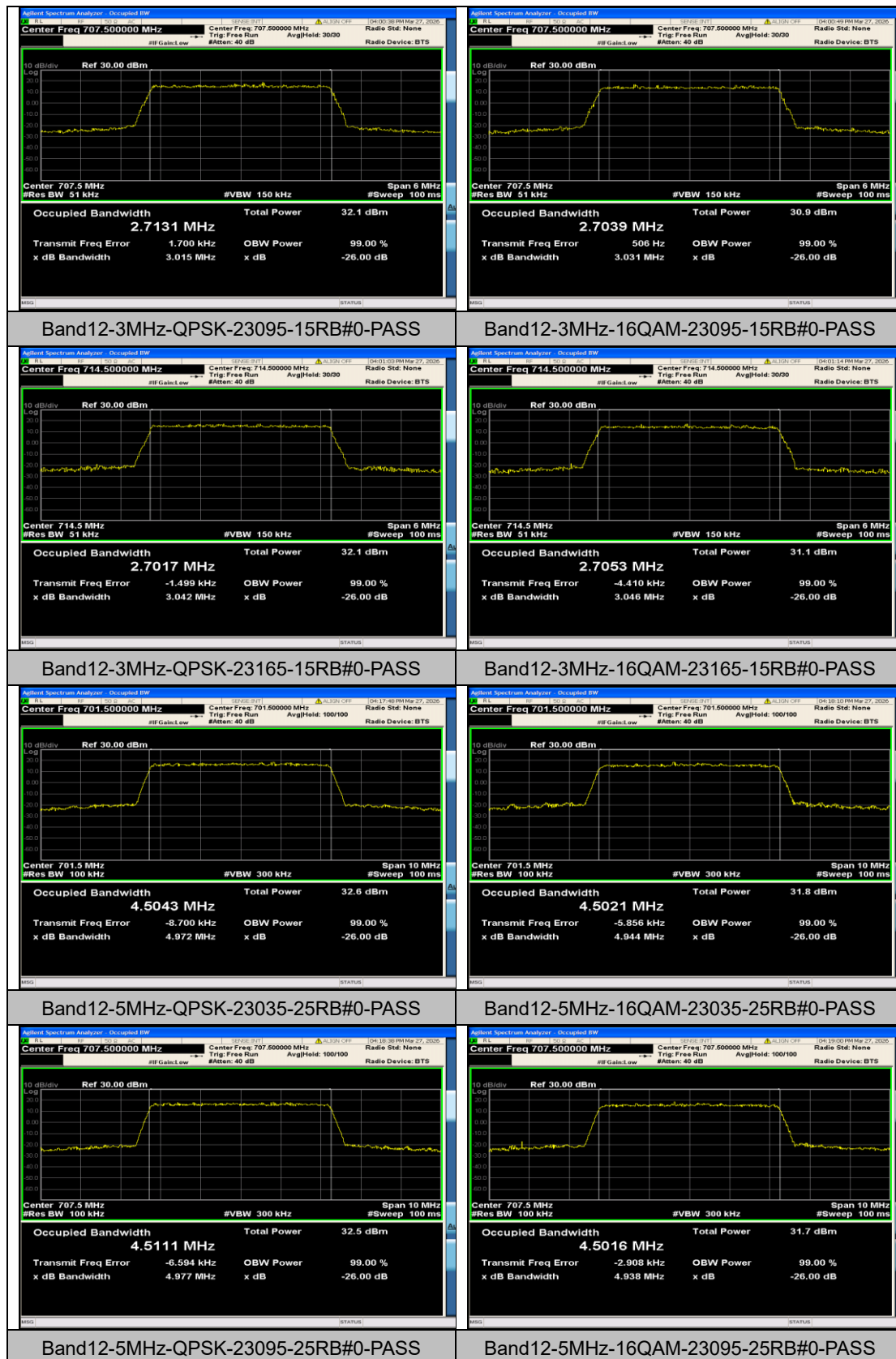
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0930	1.246	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1056	1.252	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0940	1.242	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1017	1.254	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0968	1.248	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0978	1.252	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7176	2.997	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7077	3.027	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7131	3.015	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7039	3.031	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7017	3.042	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7053	3.046	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5043	4.972	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5021	4.944	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5111	4.977	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5016	4.938	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4994	4.960	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5056	4.971	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9964	9.868	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9843	9.959	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0108	9.884	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9899	9.933	PASS
Band12	10MHz	QPSK	23130	50RB#0	9.0075	9.864	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9947	9.947	PASS

Test Graphs





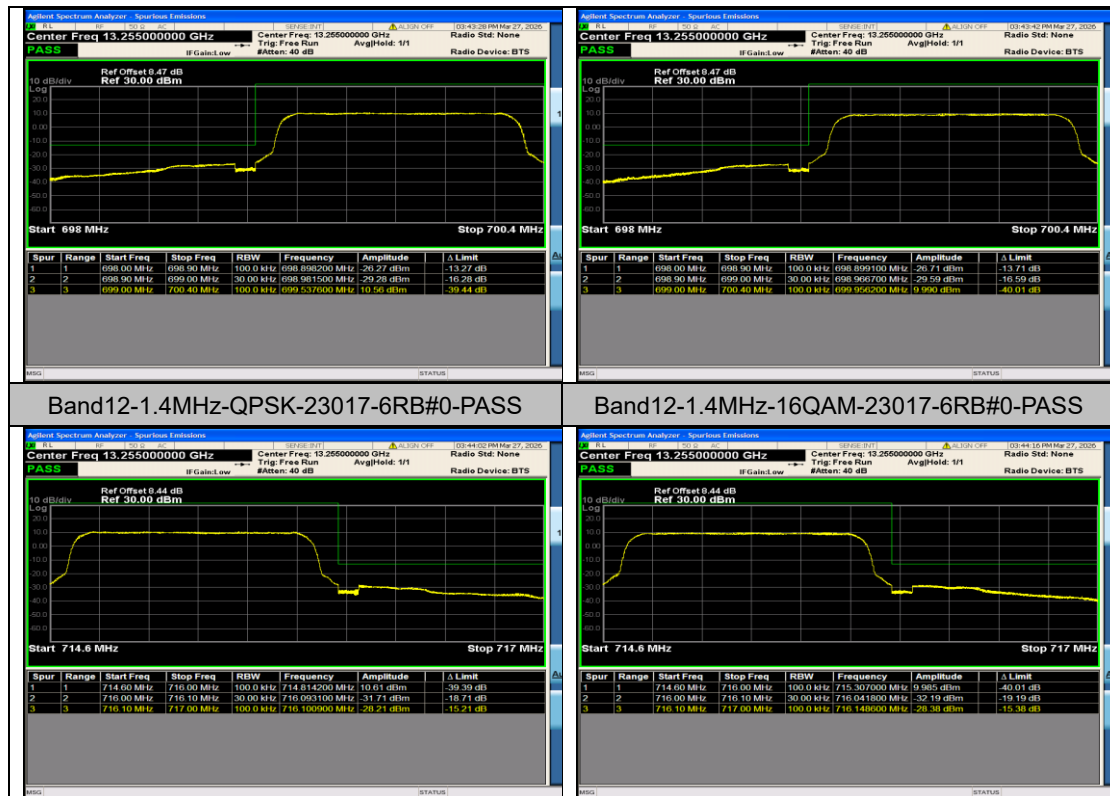


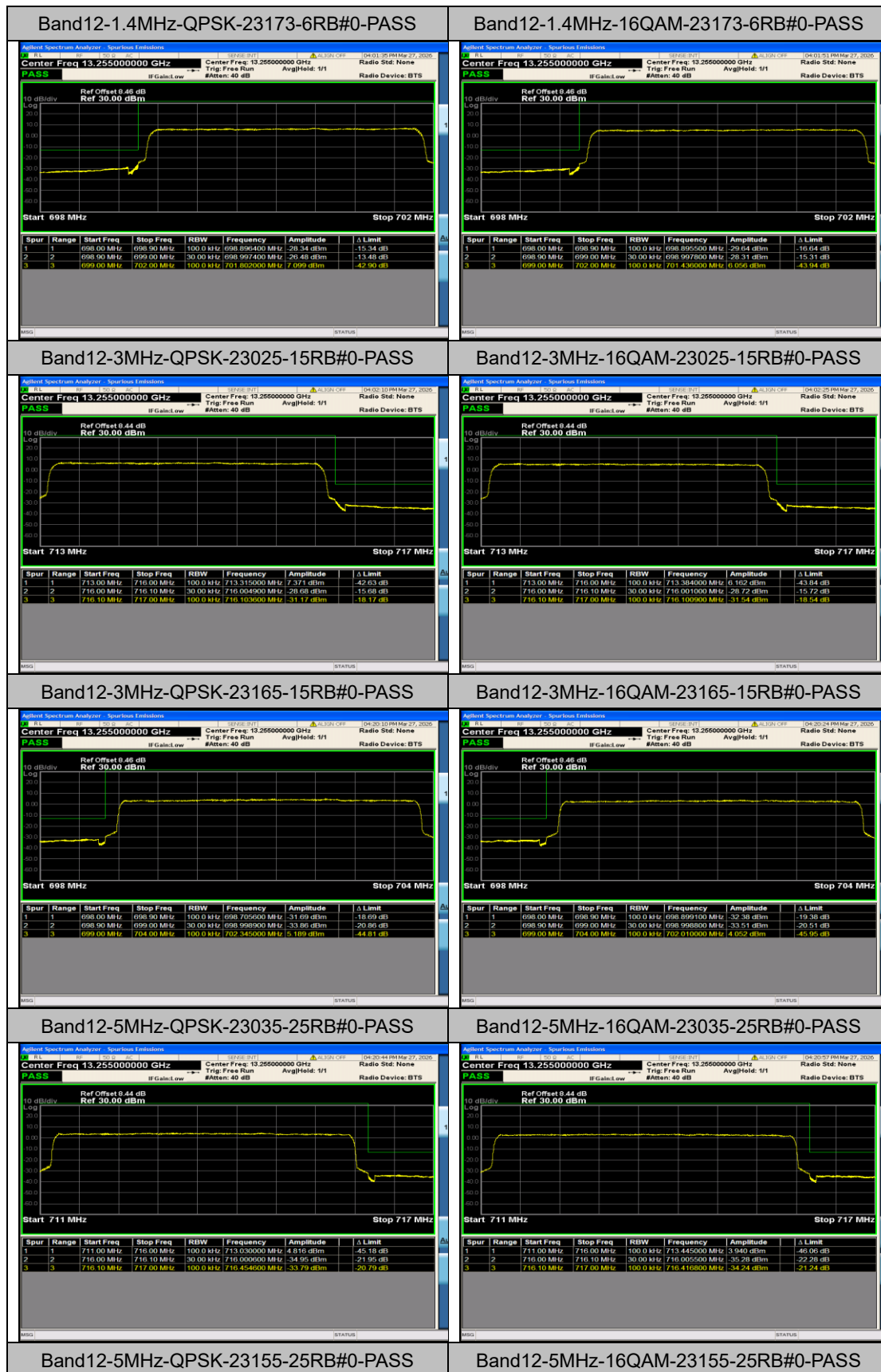
Appendix D: Band Edge

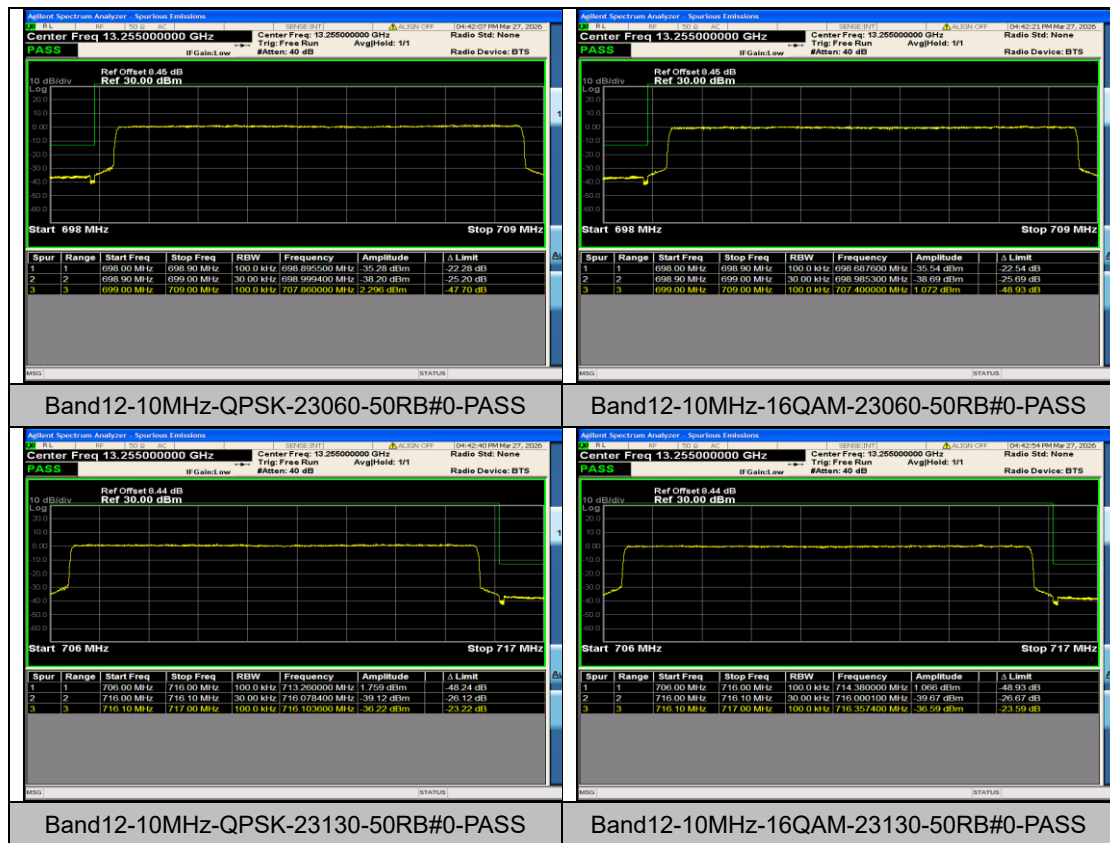
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-26.27	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-26.71	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-28.21	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-28.38	PASS
Band12	3MHz	QPSK	23025	15RB#0	-26.48	PASS
Band12	3MHz	16QAM	23025	15RB#0	-28.31	PASS
Band12	3MHz	QPSK	23165	15RB#0	-28.68	PASS
Band12	3MHz	16QAM	23165	15RB#0	-28.72	PASS
Band12	5MHz	QPSK	23035	25RB#0	-31.69	PASS
Band12	5MHz	16QAM	23035	25RB#0	-32.38	PASS
Band12	5MHz	QPSK	23155	25RB#0	-33.79	PASS
Band12	5MHz	16QAM	23155	25RB#0	-34.24	PASS
Band12	10MHz	QPSK	23060	50RB#0	-35.28	PASS
Band12	10MHz	16QAM	23060	50RB#0	-35.54	PASS
Band12	10MHz	QPSK	23130	50RB#0	-36.22	PASS
Band12	10MHz	16QAM	23130	50RB#0	-36.59	PASS

Test Graphs







Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	0.009~0.15	-60.40	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	0.15~30	-52.53	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	30~1000	-30.67	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1000~3000	-47.67	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	3000~10000	-44.18	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.009~0.15	-60.57	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.15~30	-52.78	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	30~1000	-32.95	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1000~3000	-47.84	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	3000~10000	-44.25	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.009~0.15	-60.78	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.15~30	-49.75	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	30~1000	-57.67	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1000~3000	-46.92	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	3000~10000	-43.92	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.009~0.15	-59.80	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.15~30	-54.06	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	30~1000	-57.92	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1000~3000	-46.95	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	3000~10000	-43.95	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.009~0.15	-60.35	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.15~30	-51.23	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	30~1000	-28.81	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1000~3000	-45.37	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	3000~10000	-43.71	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.009~0.15	-60.14	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.15~30	-51.33	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	30~1000	-34.09	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1000~3000	-45.80	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	3000~10000	-44.04	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.009~0.15	-60.98	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.15~30	-54.06	PASS
Band12	3MHz	QPSK	23025	15RB#0	30~1000	-27.80	PASS
Band12	3MHz	QPSK	23025	15RB#0	1000~3000	-48.08	PASS
Band12	3MHz	QPSK	23025	15RB#0	3000~10000	-44.30	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.009~0.15	-60.92	PASS

Band12	3MHz	16QAM	23025	15RB#0	0.15~30	-50.75	PASS
Band12	3MHz	16QAM	23025	15RB#0	30~1000	-28.80	PASS
Band12	3MHz	16QAM	23025	15RB#0	1000~3000	-48.14	PASS
Band12	3MHz	16QAM	23025	15RB#0	3000~10000	-44.10	PASS
Band12	3MHz	QPSK	23095	15RB#0	0.009~0.15	-58.93	PASS
Band12	3MHz	QPSK	23095	15RB#0	0.15~30	-50.74	PASS
Band12	3MHz	QPSK	23095	15RB#0	30~1000	-51.97	PASS
Band12	3MHz	QPSK	23095	15RB#0	1000~3000	-47.98	PASS
Band12	3MHz	QPSK	23095	15RB#0	3000~10000	-44.16	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.009~0.15	-60.50	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.15~30	-53.12	PASS
Band12	3MHz	16QAM	23095	15RB#0	30~1000	-52.63	PASS
Band12	3MHz	16QAM	23095	15RB#0	1000~3000	-47.94	PASS
Band12	3MHz	16QAM	23095	15RB#0	3000~10000	-44.07	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.009~0.15	-59.45	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.15~30	-51.28	PASS
Band12	3MHz	QPSK	23165	15RB#0	30~1000	-28.80	PASS
Band12	3MHz	QPSK	23165	15RB#0	1000~3000	-46.84	PASS
Band12	3MHz	QPSK	23165	15RB#0	3000~10000	-43.42	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.009~0.15	-59.57	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.15~30	-53.33	PASS
Band12	3MHz	16QAM	23165	15RB#0	30~1000	-30.51	PASS
Band12	3MHz	16QAM	23165	15RB#0	1000~3000	-47.74	PASS
Band12	3MHz	16QAM	23165	15RB#0	3000~10000	-44.05	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.009~0.15	-60.19	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.15~30	-51.03	PASS
Band12	5MHz	QPSK	23035	25RB#0	30~1000	-27.69	PASS
Band12	5MHz	QPSK	23035	25RB#0	1000~3000	-48.22	PASS
Band12	5MHz	QPSK	23035	25RB#0	3000~10000	-44.21	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.009~0.15	-59.38	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.15~30	-54.32	PASS
Band12	5MHz	16QAM	23035	25RB#0	30~1000	-29.53	PASS
Band12	5MHz	16QAM	23035	25RB#0	1000~3000	-48.21	PASS
Band12	5MHz	16QAM	23035	25RB#0	3000~10000	-43.98	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.009~0.15	-60.66	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.15~30	-51.61	PASS
Band12	5MHz	QPSK	23095	25RB#0	30~1000	-43.23	PASS
Band12	5MHz	QPSK	23095	25RB#0	1000~3000	-48.15	PASS
Band12	5MHz	QPSK	23095	25RB#0	3000~10000	-44.07	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.009~0.15	-60.35	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.15~30	-50.83	PASS
Band12	5MHz	16QAM	23095	25RB#0	30~1000	-44.01	PASS
Band12	5MHz	16QAM	23095	25RB#0	1000~3000	-48.04	PASS

Band12	5MHz	16QAM	23095	25RB#0	3000~10000	-44.16	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.009~0.15	-59.70	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.15~30	-49.95	PASS
Band12	5MHz	QPSK	23155	25RB#0	30~1000	-29.18	PASS
Band12	5MHz	QPSK	23155	25RB#0	1000~3000	-47.80	PASS
Band12	5MHz	QPSK	23155	25RB#0	3000~10000	-43.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.009~0.15	-60.68	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.15~30	-53.69	PASS
Band12	5MHz	16QAM	23155	25RB#0	30~1000	-28.61	PASS
Band12	5MHz	16QAM	23155	25RB#0	1000~3000	-48.07	PASS
Band12	5MHz	16QAM	23155	25RB#0	3000~10000	-44.00	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.009~0.15	-60.62	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.15~30	-54.16	PASS
Band12	10MHz	QPSK	23060	50RB#0	30~1000	-31.33	PASS
Band12	10MHz	QPSK	23060	50RB#0	1000~3000	-47.92	PASS
Band12	10MHz	QPSK	23060	50RB#0	3000~10000	-44.04	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.009~0.15	-60.89	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.15~30	-51.59	PASS
Band12	10MHz	16QAM	23060	50RB#0	30~1000	-31.25	PASS
Band12	10MHz	16QAM	23060	50RB#0	1000~3000	-48.02	PASS
Band12	10MHz	16QAM	23060	50RB#0	3000~10000	-44.35	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.009~0.15	-60.98	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.15~30	-52.41	PASS
Band12	10MHz	QPSK	23095	50RB#0	30~1000	-33.81	PASS
Band12	10MHz	QPSK	23095	50RB#0	1000~3000	-48.23	PASS
Band12	10MHz	QPSK	23095	50RB#0	3000~10000	-44.30	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.009~0.15	-60.90	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.15~30	-54.94	PASS
Band12	10MHz	16QAM	23095	50RB#0	30~1000	-34.41	PASS
Band12	10MHz	16QAM	23095	50RB#0	1000~3000	-47.96	PASS
Band12	10MHz	16QAM	23095	50RB#0	3000~10000	-43.66	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.009~0.15	-60.31	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.15~30	-52.64	PASS
Band12	10MHz	QPSK	23130	50RB#0	30~1000	-31.10	PASS
Band12	10MHz	QPSK	23130	50RB#0	1000~3000	-48.07	PASS
Band12	10MHz	QPSK	23130	50RB#0	3000~10000	-44.34	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.009~0.15	-59.00	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.15~30	-49.98	PASS
Band12	10MHz	16QAM	23130	50RB#0	30~1000	-33.06	PASS
Band12	10MHz	16QAM	23130	50RB#0	1000~3000	-47.79	PASS
Band12	10MHz	16QAM	23130	50RB#0	3000~10000	-43.99	PASS

Test Graphs

