

FCC LTE Band Test Data

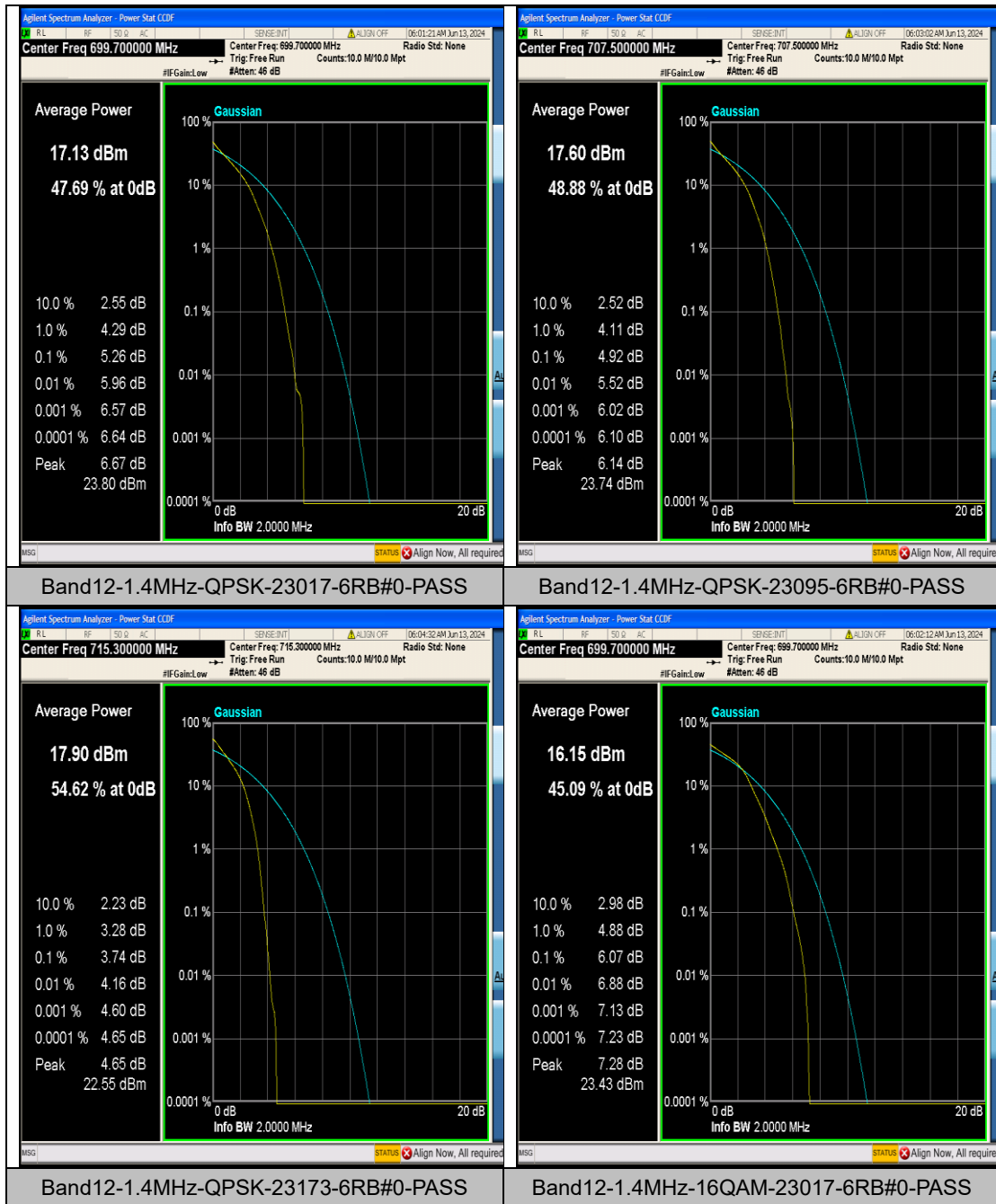
FCC ID : 2BHCY-X100
Company: : Shenzhen ThreeTigers Trading co..Ltd.
EUT : Mobile Phone
Model Number : X100
Reviewed By : Eric Wang

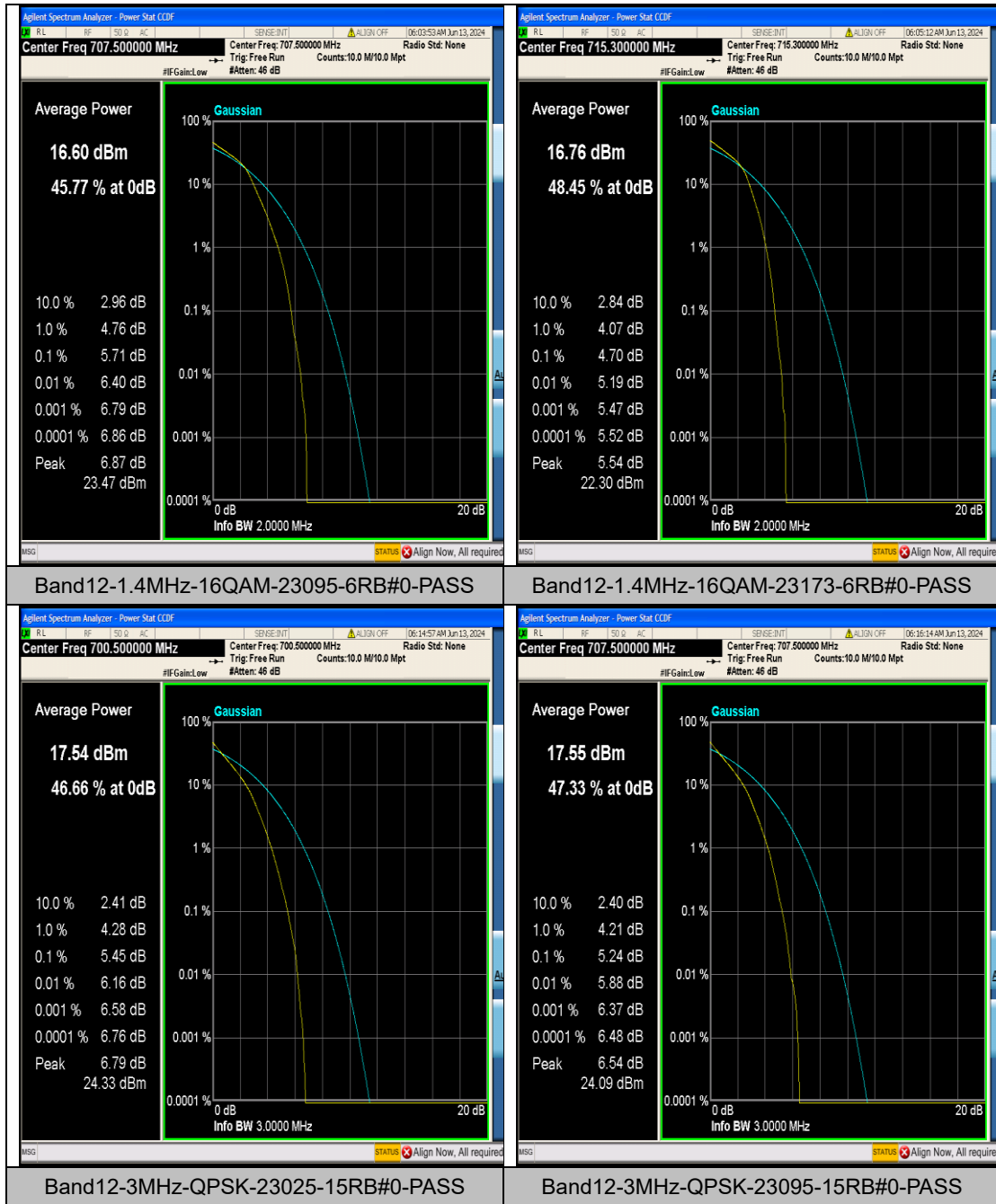
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

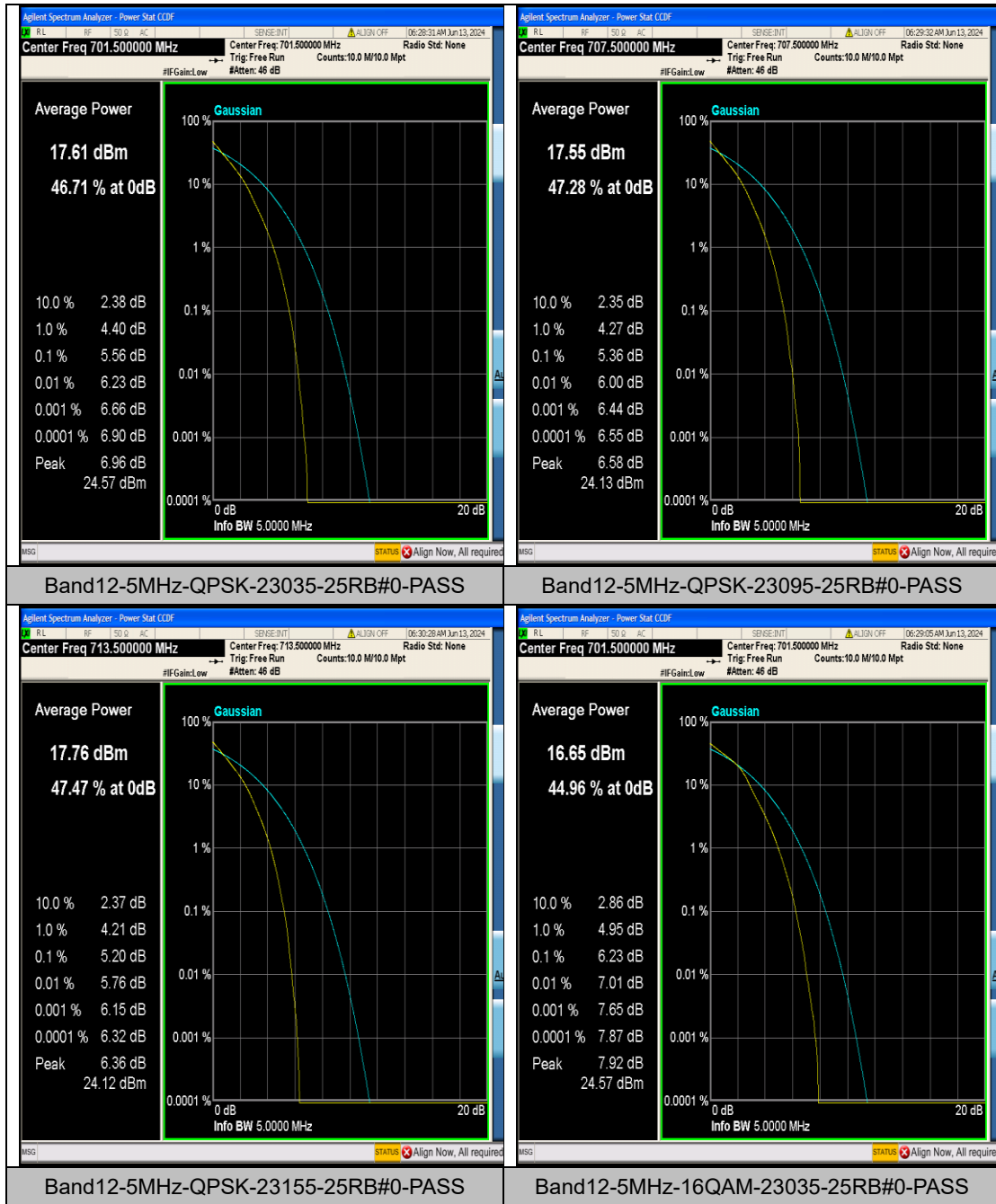
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.26	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.92	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	3.74	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.07	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.71	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	4.70	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.45	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.24	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.92	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.26	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.09	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.66	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.56	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.36	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.20	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.23	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.03	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.89	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.52	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.40	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.19	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.19	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.13	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.96	13	PASS

Test Graphs











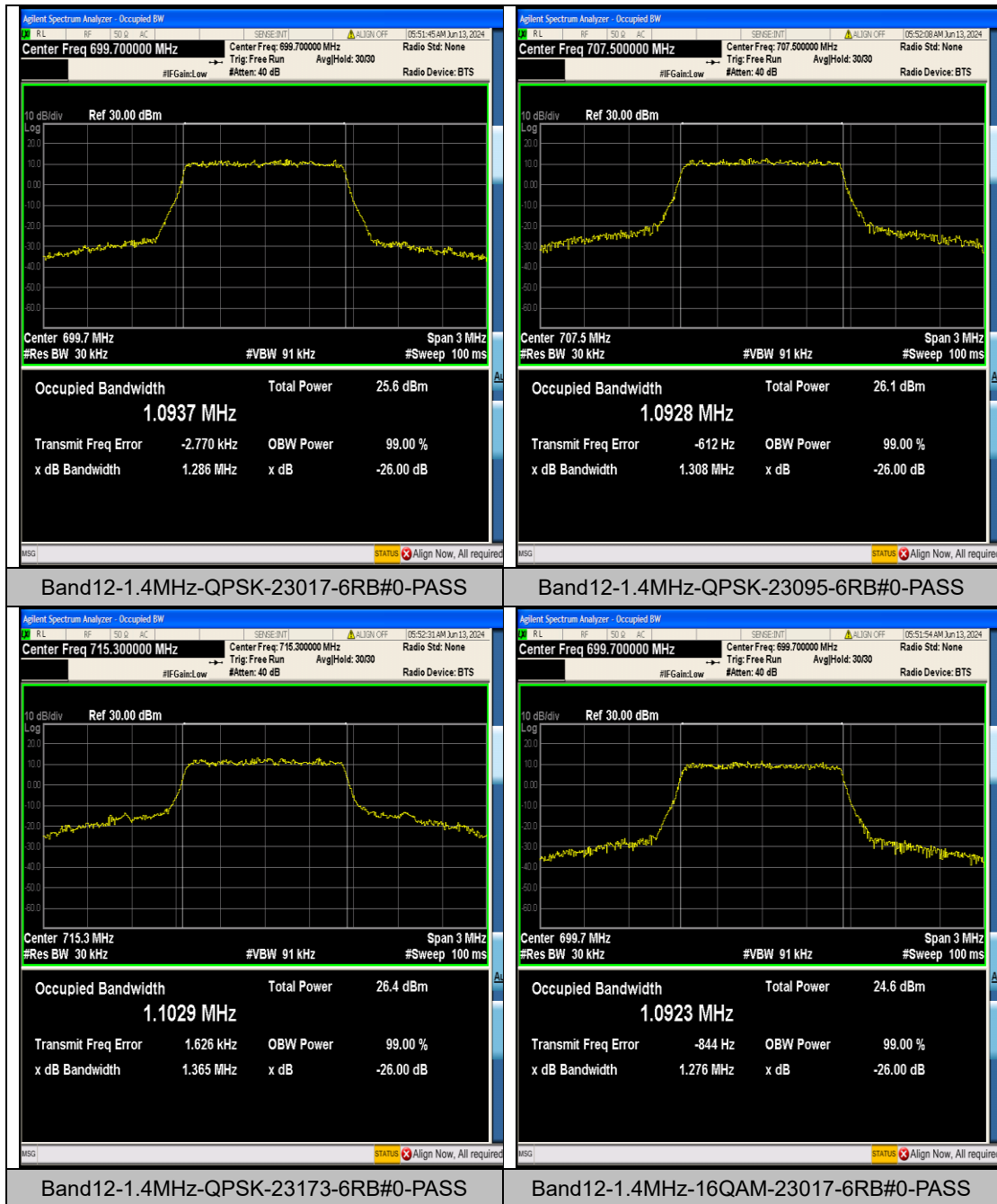


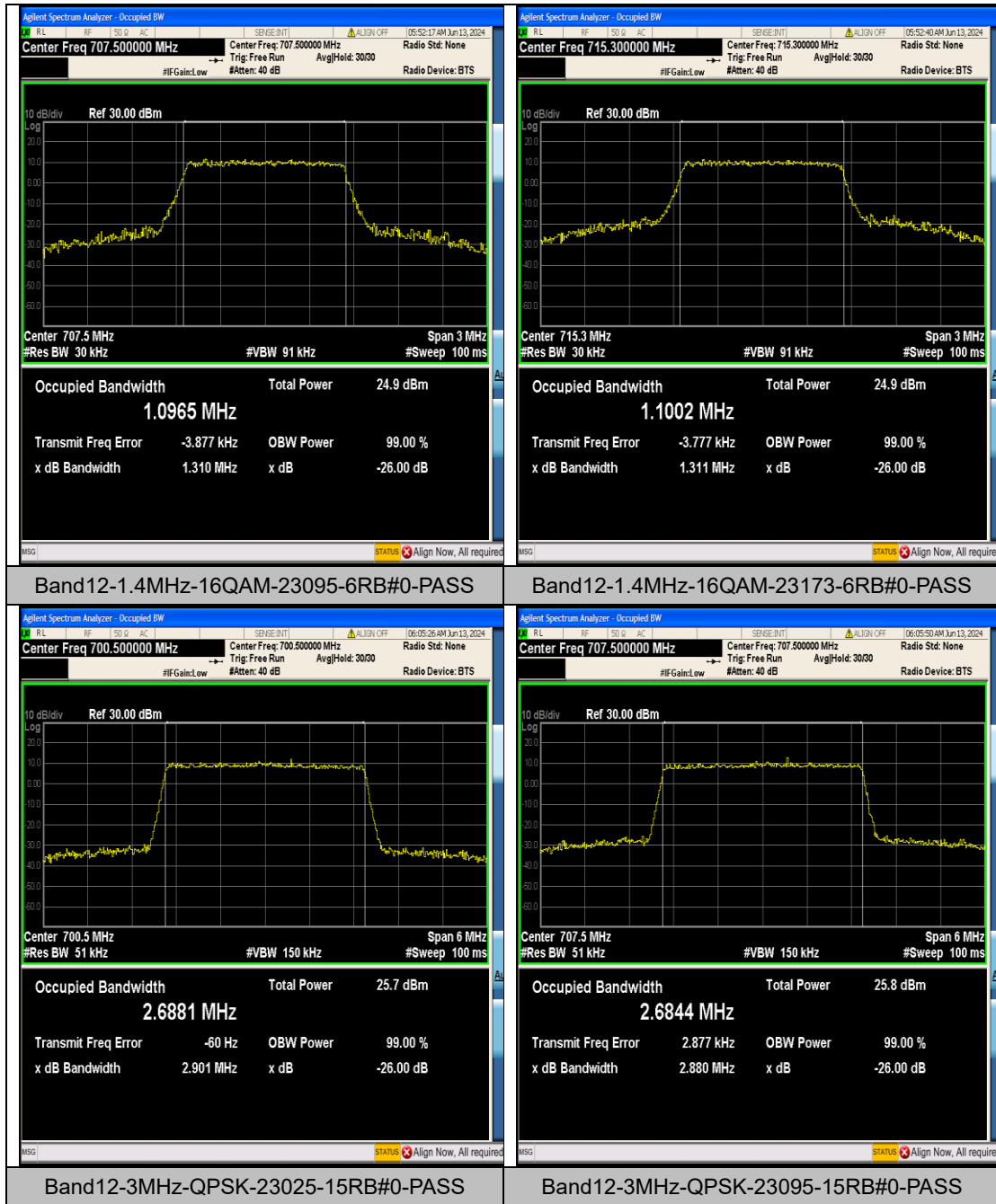
Appendix C: 26dB Bandwidth and Occupied Bandwidth

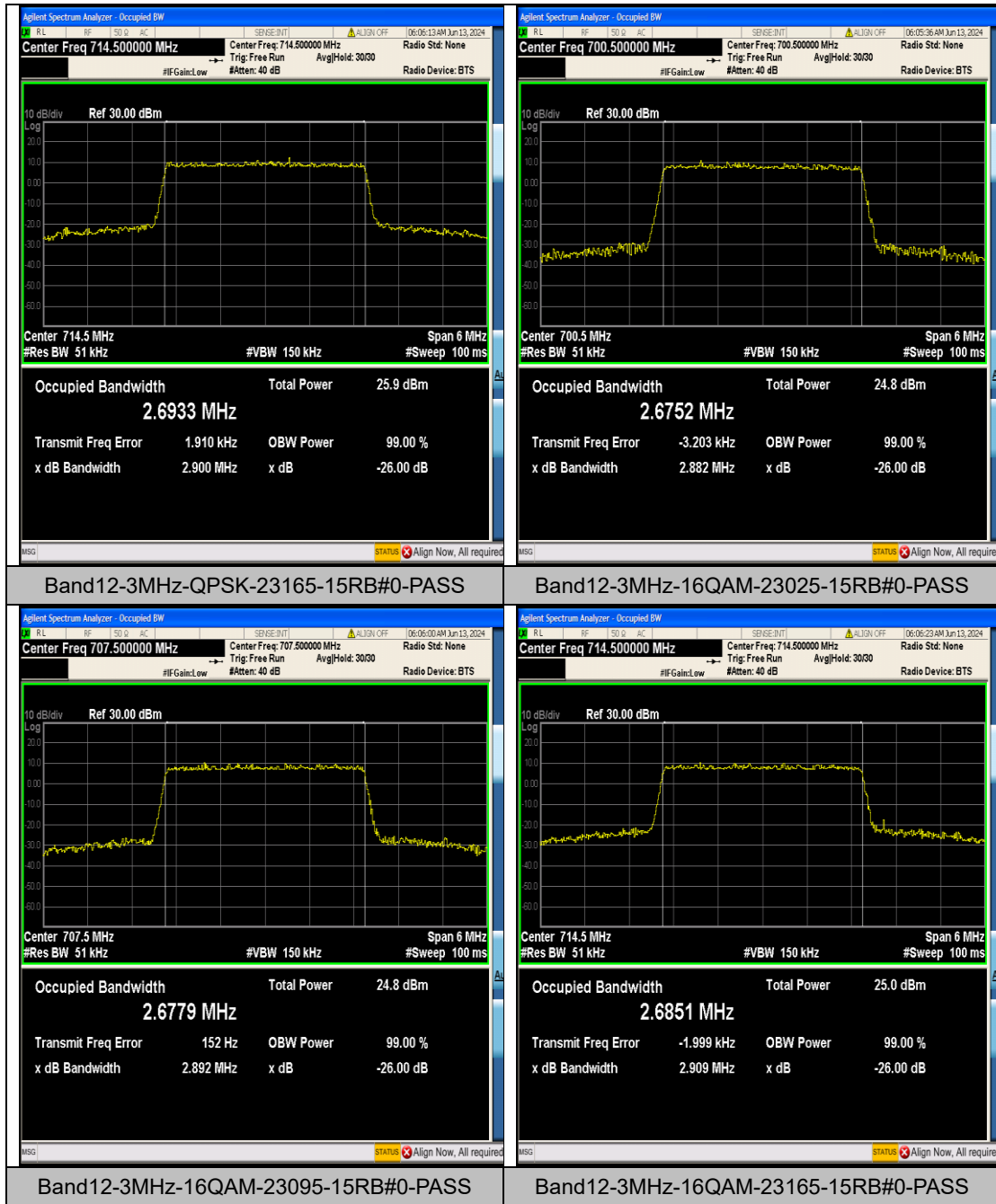
Test Result

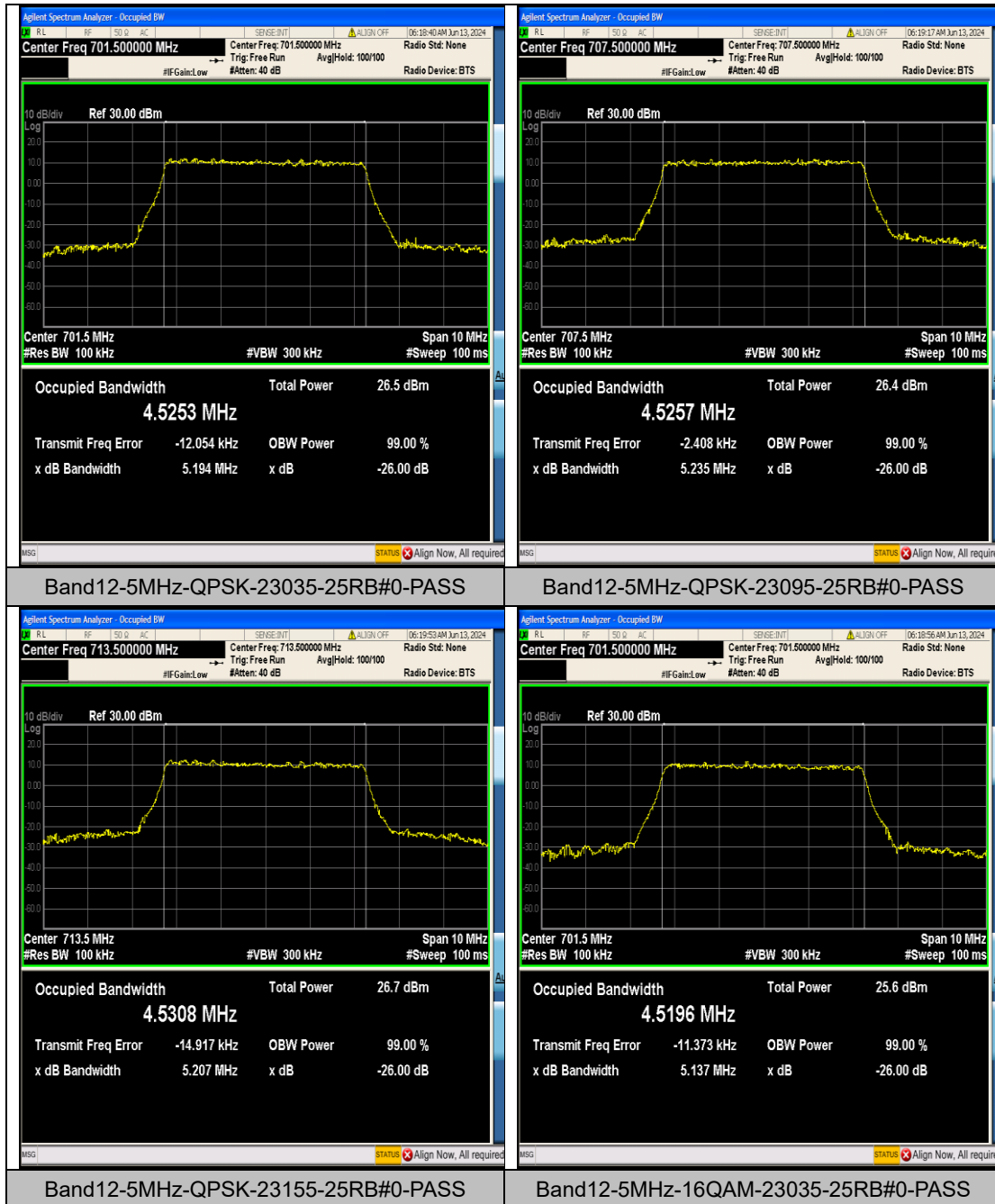
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0937	1.286	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0928	1.308	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.1029	1.365	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0923	1.276	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0965	1.310	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1002	1.311	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6881	2.901	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6844	2.880	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6933	2.900	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6752	2.882	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6779	2.892	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6851	2.909	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5253	5.194	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5257	5.235	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5308	5.207	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5196	5.137	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5185	5.161	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5283	5.159	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0341	10.15	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9985	10.03	PASS
Band12	10MHz	QPSK	23130	50RB#0	9.0022	10.10	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0285	10.10	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9942	10.12	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9993	9.979	PASS

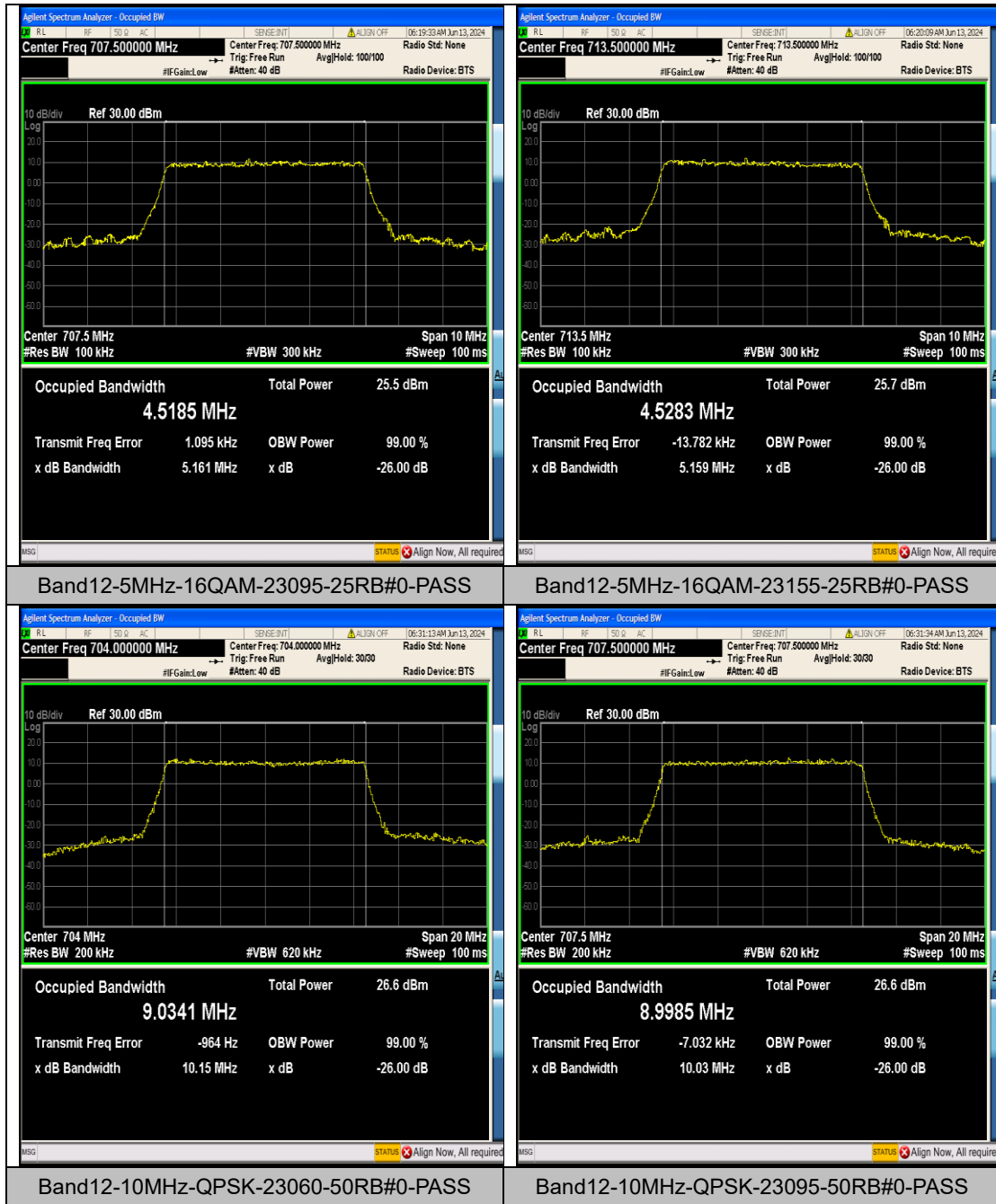
Test Graphs

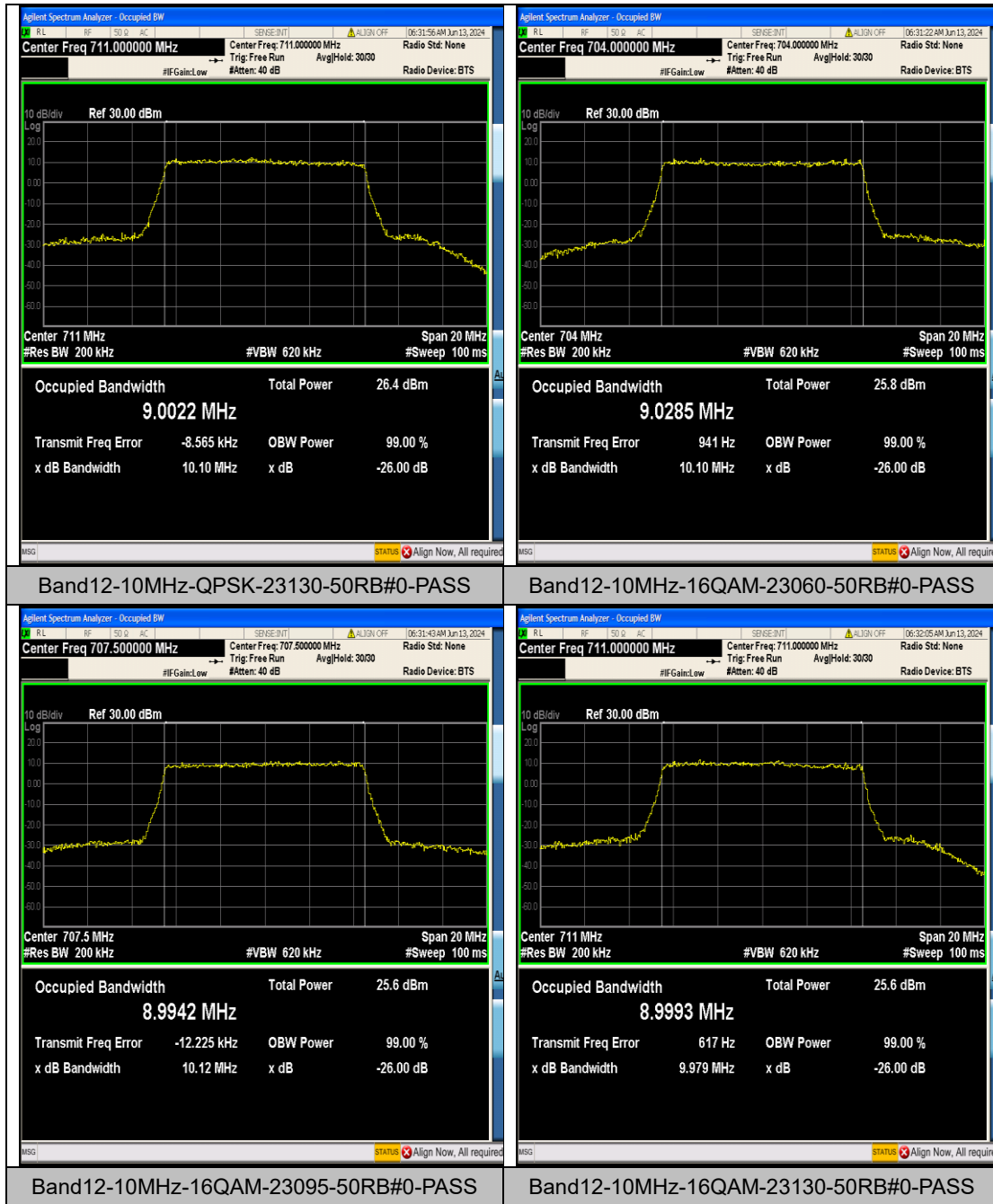










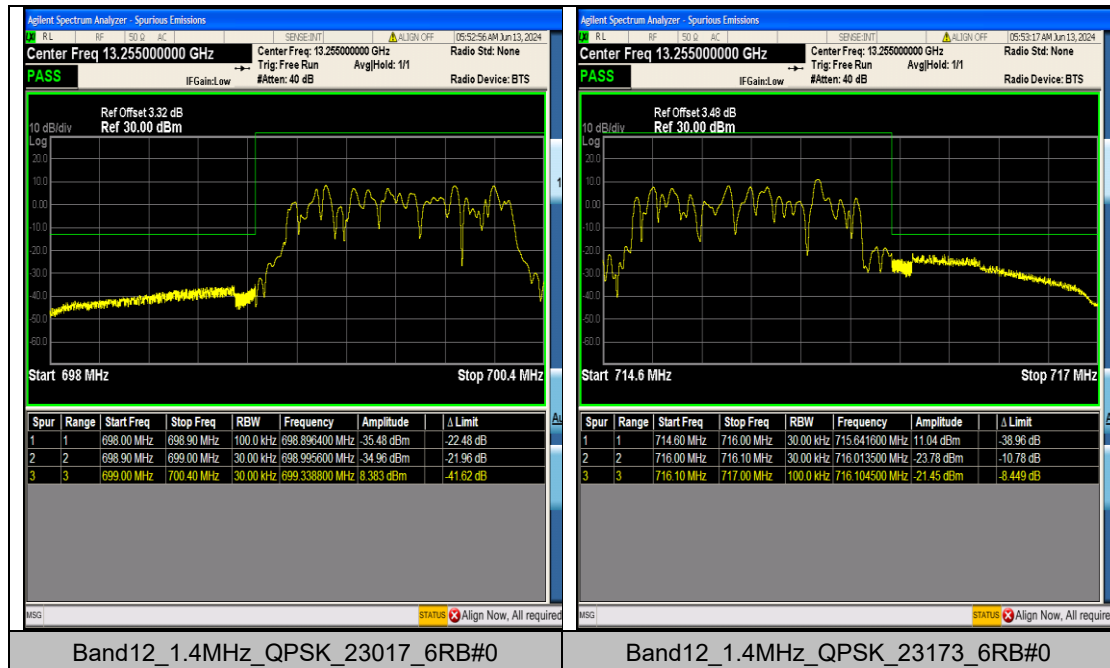


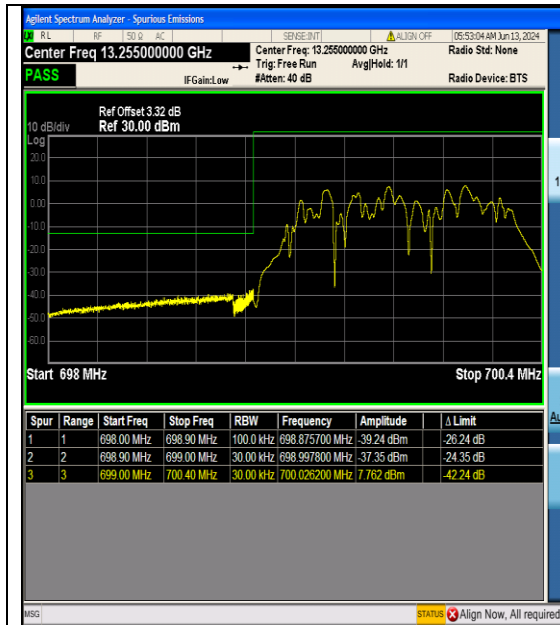
Appendix D: Band Edge

Test Result

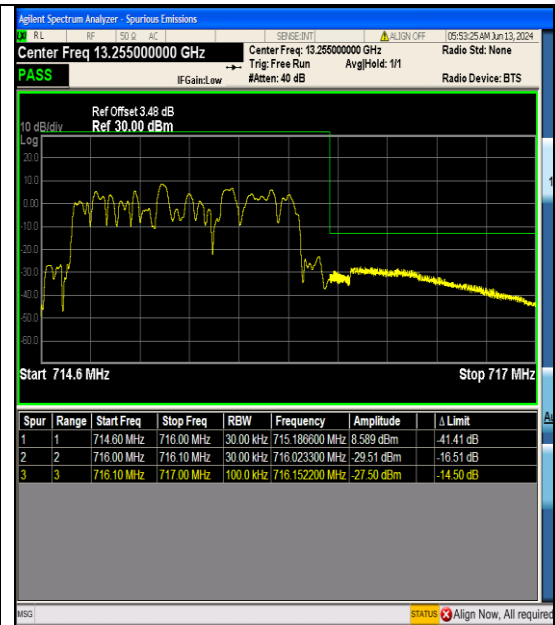
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-34.96	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-21.45	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-37.35	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-27.50	PASS
Band12	3MHz	QPSK	23025	15RB#0	-40.99	PASS
Band12	3MHz	QPSK	23165	15RB#0	-29.99	PASS
Band12	3MHz	16QAM	23025	15RB#0	-42.69	PASS
Band12	3MHz	16QAM	23165	15RB#0	-33.80	PASS
Band12	5MHz	QPSK	23035	25RB#0	-36.56	PASS
Band12	5MHz	QPSK	23155	25RB#0	-34.59	PASS
Band12	5MHz	16QAM	23035	25RB#0	-38.48	PASS
Band12	5MHz	16QAM	23155	25RB#0	-36.57	PASS
Band12	10MHz	QPSK	23060	50RB#0	-40.85	PASS
Band12	10MHz	QPSK	23130	50RB#0	-40.92	PASS
Band12	10MHz	16QAM	23060	50RB#0	-43.14	PASS
Band12	10MHz	16QAM	23130	50RB#0	-43.92	PASS

Test Graphs

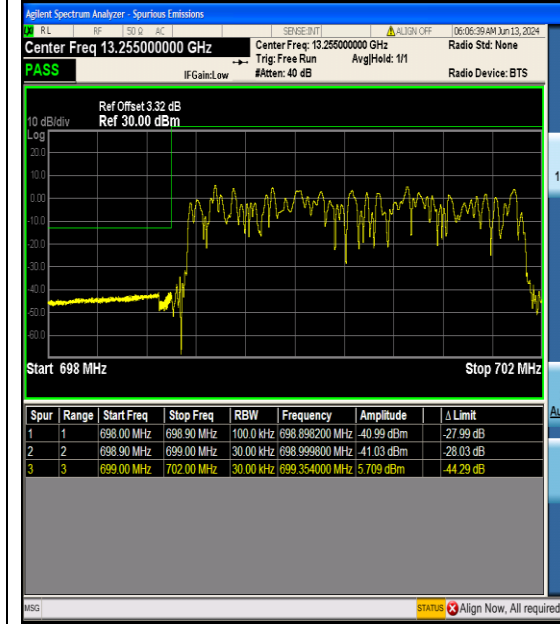




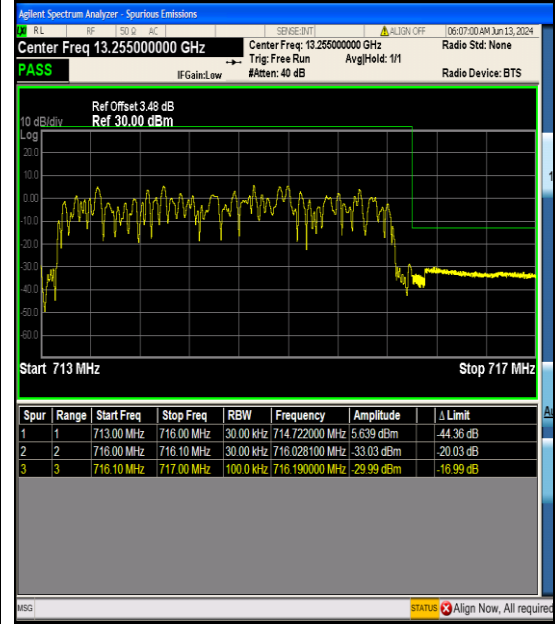
Band12_1.4MHz_16QAM_23017_6RB#0



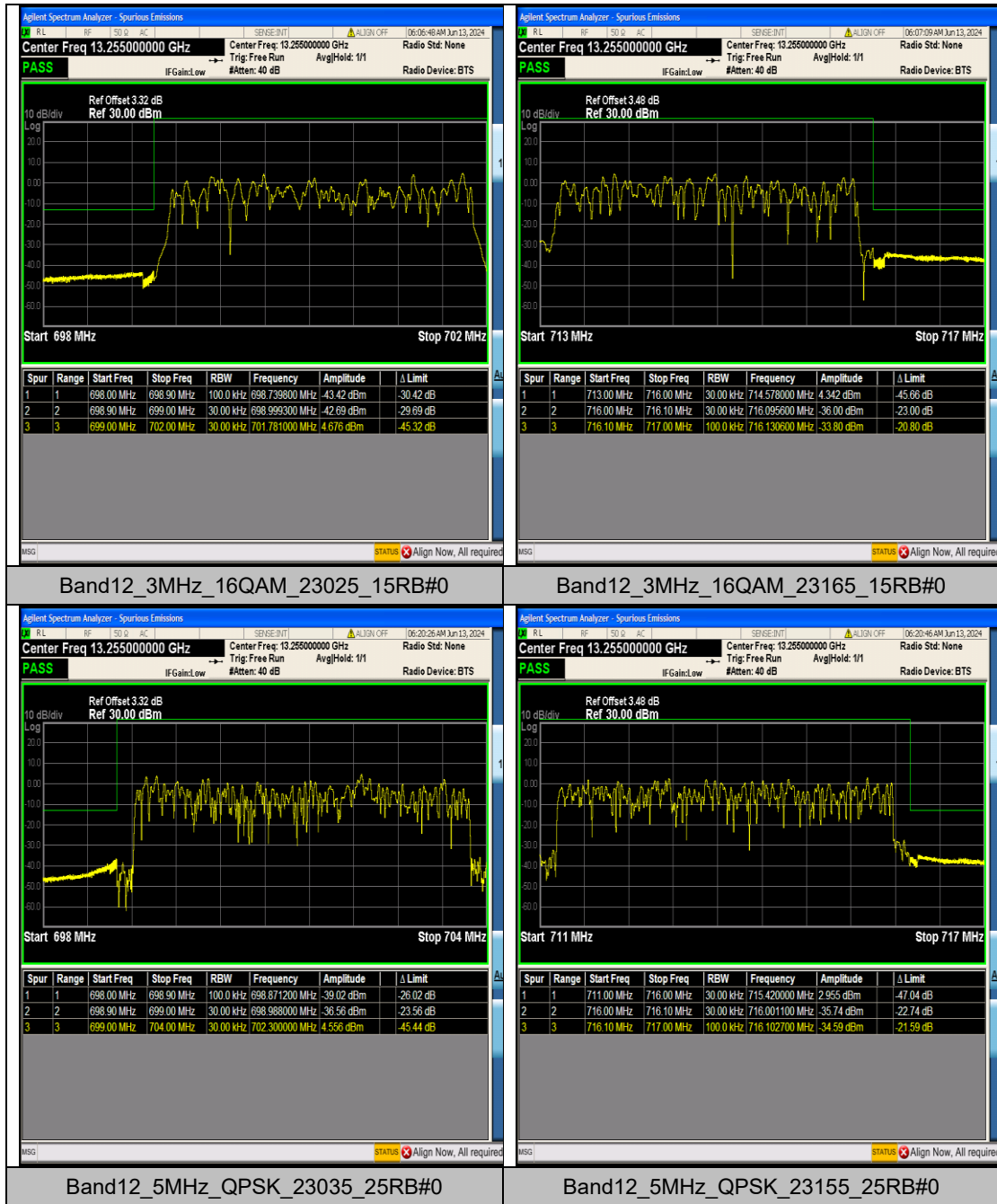
Band12_1.4MHz_16QAM_23173_6RB#0

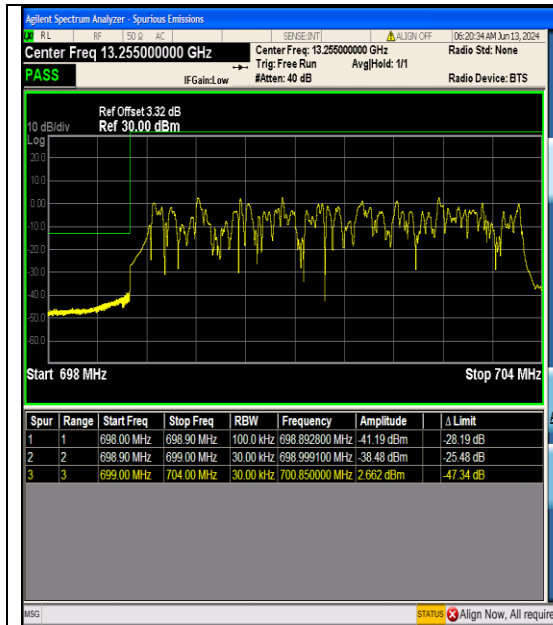


Band12_3MHz_QPSK_23025_15RB#0

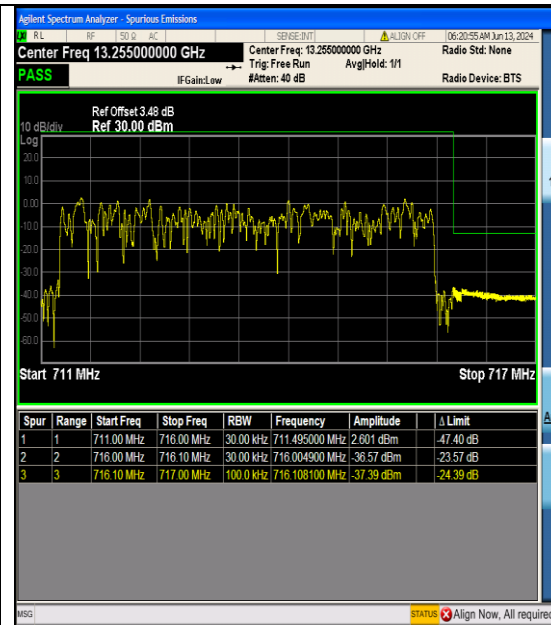


Band12_3MHz_QPSK_23165_15RB#0

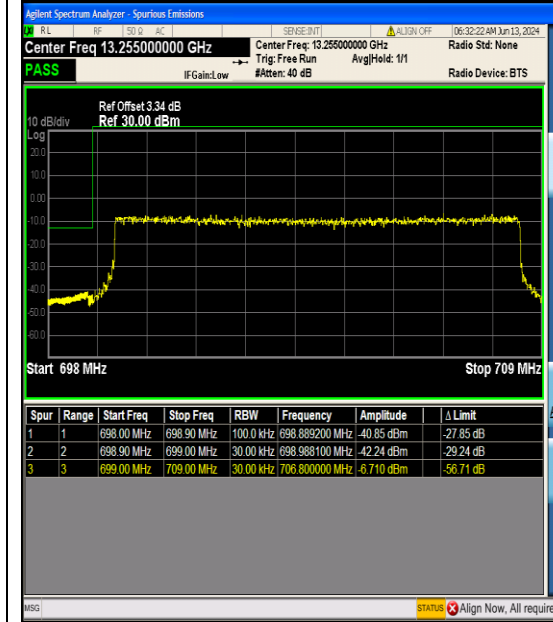




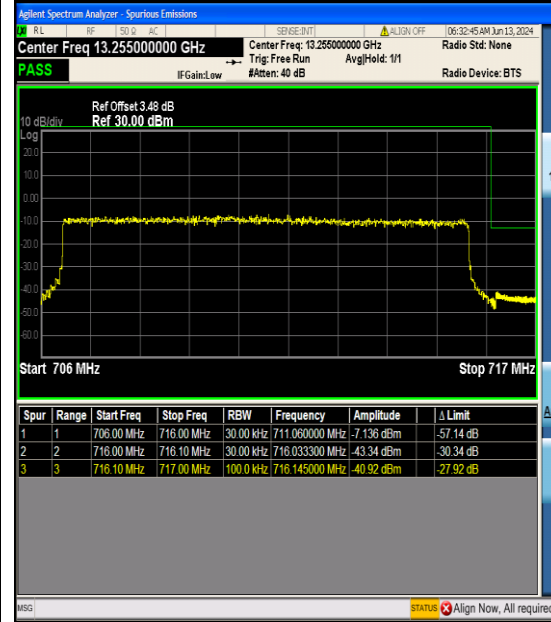
Band12_5MHz_16QAM_23035_25RB#0



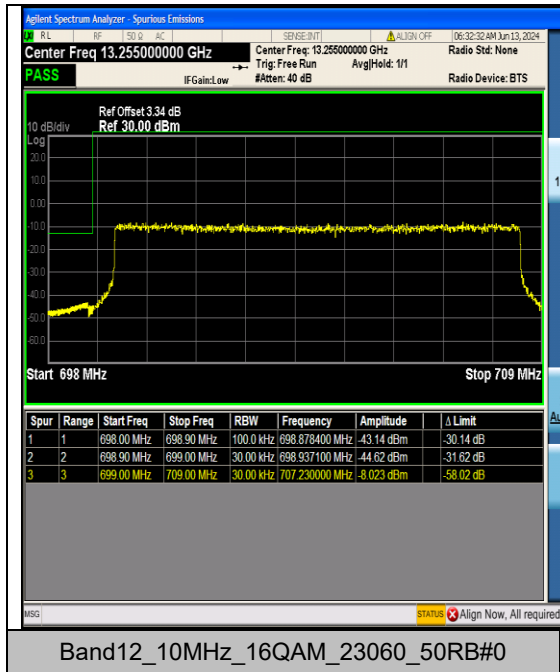
Band12_5MHz_16QAM_23155_25RB#0



Band12_10MHz_QPSK_23060_50RB#0



Band12_10MHz_QPSK_23130_50RB#0



Appendix E: Conducted Spurious Emission

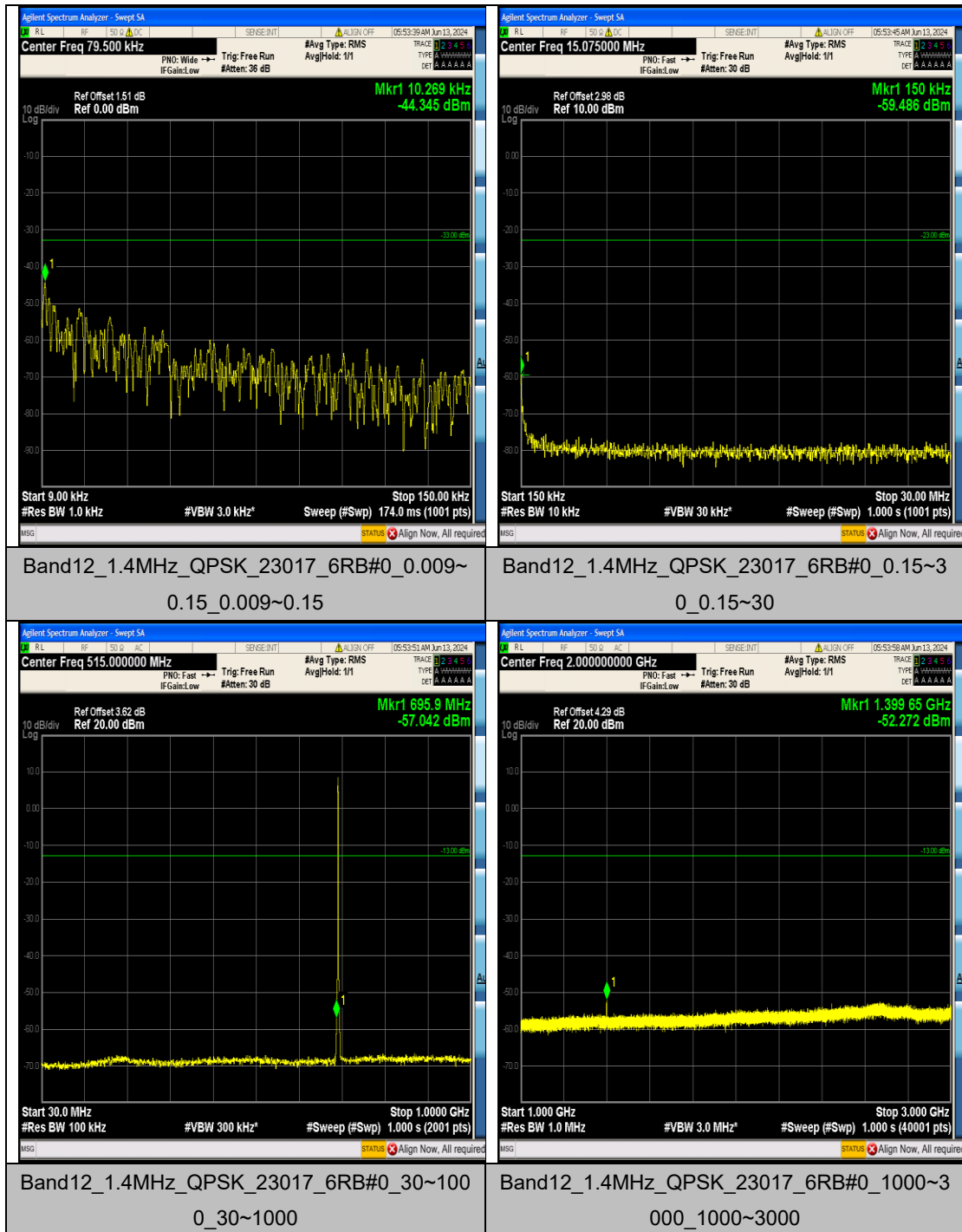
Test Result

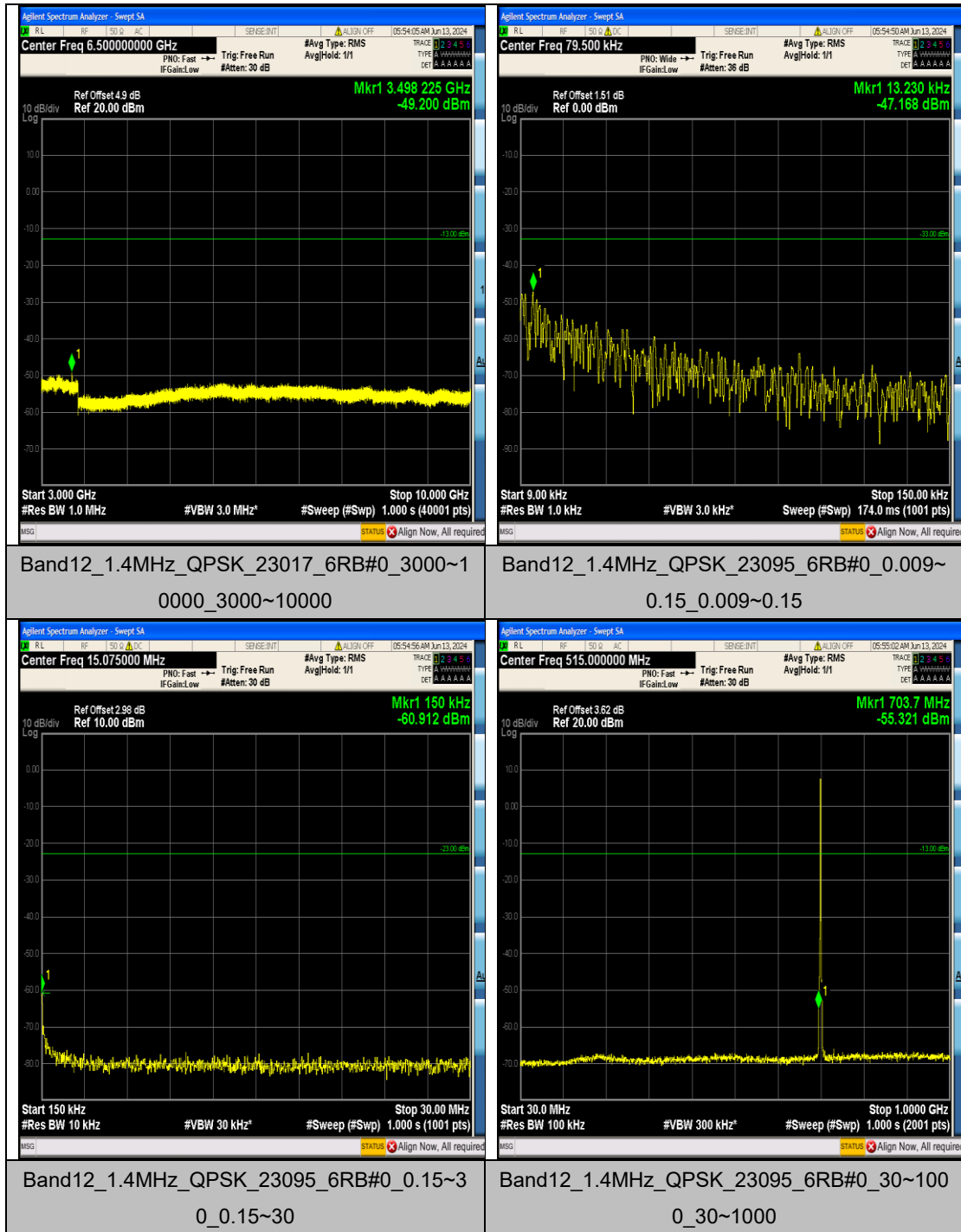
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	0.009~0.15	-44.35	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	0.15~30	-59.49	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	30~1000	-57.04	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1000~3000	-52.27	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	3000~10000	-49.20	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.009~0.15	-47.17	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.15~30	-60.91	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	30~1000	-55.32	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1000~3000	-52.68	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	3000~10000	-47.43	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.009~0.15	-48.06	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.15~30	-58.14	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	30~1000	-54.49	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1000~3000	-51.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	3000~10000	-43.35	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.009~0.15	-50.57	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.15~30	-57.55	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	30~1000	-58.72	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1000~3000	-52.27	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	3000~10000	-49.05	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.009~0.15	-48.86	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.15~30	-58.42	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	30~1000	-56.41	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1000~3000	-52.69	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	3000~10000	-48.14	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.009~0.15	-45.47	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.15~30	-56.87	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	30~1000	-55.60	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1000~3000	-52.30	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	3000~10000	-45.21	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.009~0.15	-47.48	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.15~30	-56.61	PASS
Band12	3MHz	QPSK	23025	15RB#0	30~1000	-56.21	PASS
Band12	3MHz	QPSK	23025	15RB#0	1000~3000	-52.53	PASS
Band12	3MHz	QPSK	23025	15RB#0	3000~10000	-49.71	PASS
Band12	3MHz	QPSK	23095	15RB#0	0.009~0.15	-48.72	PASS

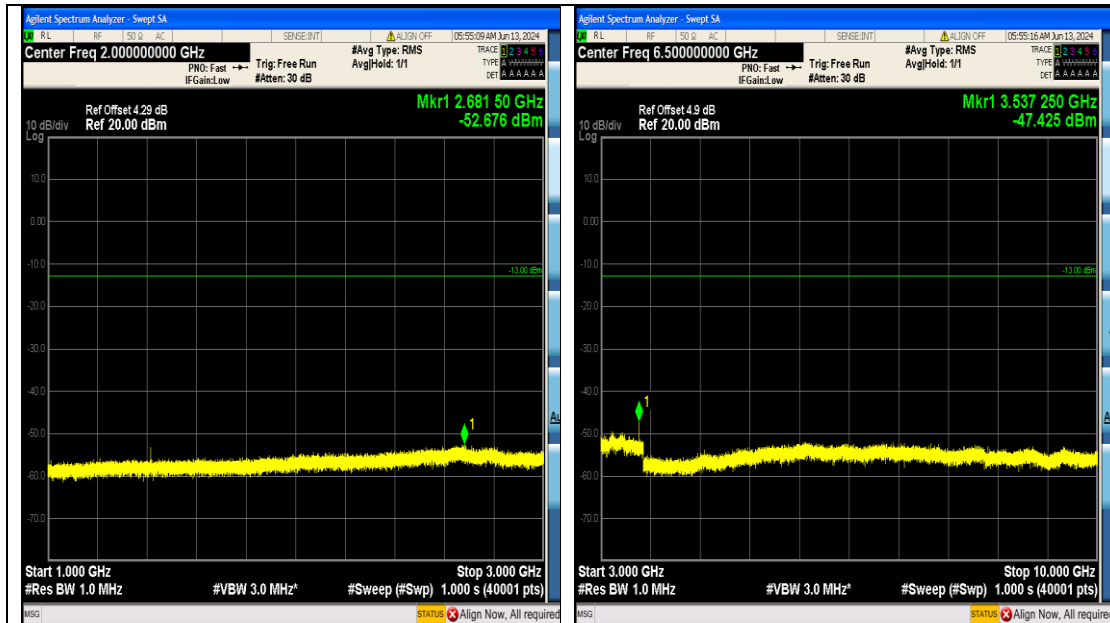
Band12	3MHz	QPSK	23095	15RB#0	0.15~30	-58.84	PASS
Band12	3MHz	QPSK	23095	15RB#0	30~1000	-56.97	PASS
Band12	3MHz	QPSK	23095	15RB#0	1000~3000	-52.52	PASS
Band12	3MHz	QPSK	23095	15RB#0	3000~10000	-49.59	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.009~0.15	-49.67	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.15~30	-58.21	PASS
Band12	3MHz	QPSK	23165	15RB#0	30~1000	-56.37	PASS
Band12	3MHz	QPSK	23165	15RB#0	1000~3000	-52.76	PASS
Band12	3MHz	QPSK	23165	15RB#0	3000~10000	-47.64	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.009~0.15	-46.81	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.15~30	-58.28	PASS
Band12	3MHz	16QAM	23025	15RB#0	30~1000	-57.33	PASS
Band12	3MHz	16QAM	23025	15RB#0	1000~3000	-52.68	PASS
Band12	3MHz	16QAM	23025	15RB#0	3000~10000	-49.74	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.009~0.15	-47.87	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.15~30	-58.37	PASS
Band12	3MHz	16QAM	23095	15RB#0	30~1000	-58.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	1000~3000	-52.70	PASS
Band12	3MHz	16QAM	23095	15RB#0	3000~10000	-49.92	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.009~0.15	-46.83	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.15~30	-59.62	PASS
Band12	3MHz	16QAM	23165	15RB#0	30~1000	-57.28	PASS
Band12	3MHz	16QAM	23165	15RB#0	1000~3000	-52.78	PASS
Band12	3MHz	16QAM	23165	15RB#0	3000~10000	-48.86	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.009~0.15	-46.94	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.15~30	-58.50	PASS
Band12	5MHz	QPSK	23035	25RB#0	30~1000	-59.29	PASS
Band12	5MHz	QPSK	23035	25RB#0	1000~3000	-52.79	PASS
Band12	5MHz	QPSK	23035	25RB#0	3000~10000	-49.33	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.009~0.15	-48.94	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.15~30	-59.69	PASS
Band12	5MHz	QPSK	23095	25RB#0	30~1000	-61.67	PASS
Band12	5MHz	QPSK	23095	25RB#0	1000~3000	-52.51	PASS
Band12	5MHz	QPSK	23095	25RB#0	3000~10000	-50.07	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.009~0.15	-45.41	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.15~30	-58.28	PASS
Band12	5MHz	QPSK	23155	25RB#0	30~1000	-58.39	PASS
Band12	5MHz	QPSK	23155	25RB#0	1000~3000	-52.21	PASS
Band12	5MHz	QPSK	23155	25RB#0	3000~10000	-48.06	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.009~0.15	-48.59	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.15~30	-59.95	PASS
Band12	5MHz	16QAM	23035	25RB#0	30~1000	-60.54	PASS
Band12	5MHz	16QAM	23035	25RB#0	1000~3000	-52.23	PASS

Band12	5MHz	16QAM	23035	25RB#0	3000~10000	-49.75	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.009~0.15	-45.92	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.15~30	-58.93	PASS
Band12	5MHz	16QAM	23095	25RB#0	30~1000	-63.82	PASS
Band12	5MHz	16QAM	23095	25RB#0	1000~3000	-52.63	PASS
Band12	5MHz	16QAM	23095	25RB#0	3000~10000	-49.85	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.009~0.15	-48.82	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.15~30	-57.59	PASS
Band12	5MHz	16QAM	23155	25RB#0	30~1000	-59.74	PASS
Band12	5MHz	16QAM	23155	25RB#0	1000~3000	-52.38	PASS
Band12	5MHz	16QAM	23155	25RB#0	3000~10000	-49.85	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.009~0.15	-45.58	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.15~30	-57.73	PASS
Band12	10MHz	QPSK	23060	50RB#0	30~1000	-66.73	PASS
Band12	10MHz	QPSK	23060	50RB#0	1000~3000	-52.22	PASS
Band12	10MHz	QPSK	23060	50RB#0	3000~10000	-49.70	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.009~0.15	-46.67	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.15~30	-57.92	PASS
Band12	10MHz	QPSK	23095	50RB#0	30~1000	-66.67	PASS
Band12	10MHz	QPSK	23095	50RB#0	1000~3000	-52.56	PASS
Band12	10MHz	QPSK	23095	50RB#0	3000~10000	-49.48	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.009~0.15	-49.50	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.15~30	-59.75	PASS
Band12	10MHz	QPSK	23130	50RB#0	30~1000	-66.65	PASS
Band12	10MHz	QPSK	23130	50RB#0	1000~3000	-52.44	PASS
Band12	10MHz	QPSK	23130	50RB#0	3000~10000	-49.91	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.009~0.15	-48.08	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.15~30	-57.53	PASS
Band12	10MHz	16QAM	23060	50RB#0	30~1000	-66.39	PASS
Band12	10MHz	16QAM	23060	50RB#0	1000~3000	-52.41	PASS
Band12	10MHz	16QAM	23060	50RB#0	3000~10000	-50.02	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.009~0.15	-46.63	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.15~30	-57.42	PASS
Band12	10MHz	16QAM	23095	50RB#0	30~1000	-66.55	PASS
Band12	10MHz	16QAM	23095	50RB#0	1000~3000	-52.32	PASS
Band12	10MHz	16QAM	23095	50RB#0	3000~10000	-50.04	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.009~0.15	-46.59	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.15~30	-60.39	PASS
Band12	10MHz	16QAM	23130	50RB#0	30~1000	-66.52	PASS
Band12	10MHz	16QAM	23130	50RB#0	1000~3000	-52.50	PASS
Band12	10MHz	16QAM	23130	50RB#0	3000~10000	-49.36	PASS

Test Graphs

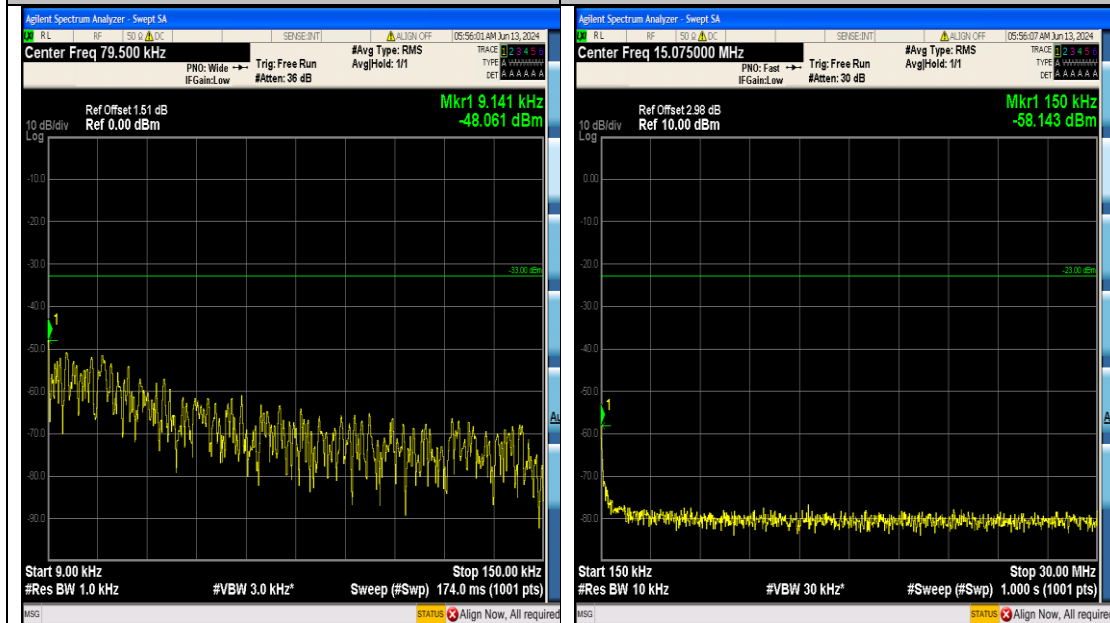






Band12_1.4MHz_QPSK_23095_6RB#0_1000~3000_1000~3000

Band12_1.4MHz_QPSK_23095_6RB#0_3000~10000_0000_3000~10000



Band12_1.4MHz_QPSK_23173_6RB#0_0.009~0.15_0.009~0.15

Band12_1.4MHz_QPSK_23173_6RB#0_0.15~30_0_0.15~30