

FCC LTE Band Test Data

FCC ID : 2BE8S-U100

Company: : Shenzhen kehuitong Technology Co., Ltd

EUT : mobile phone

Model Number : U24

Reviewed By : Eric Wang

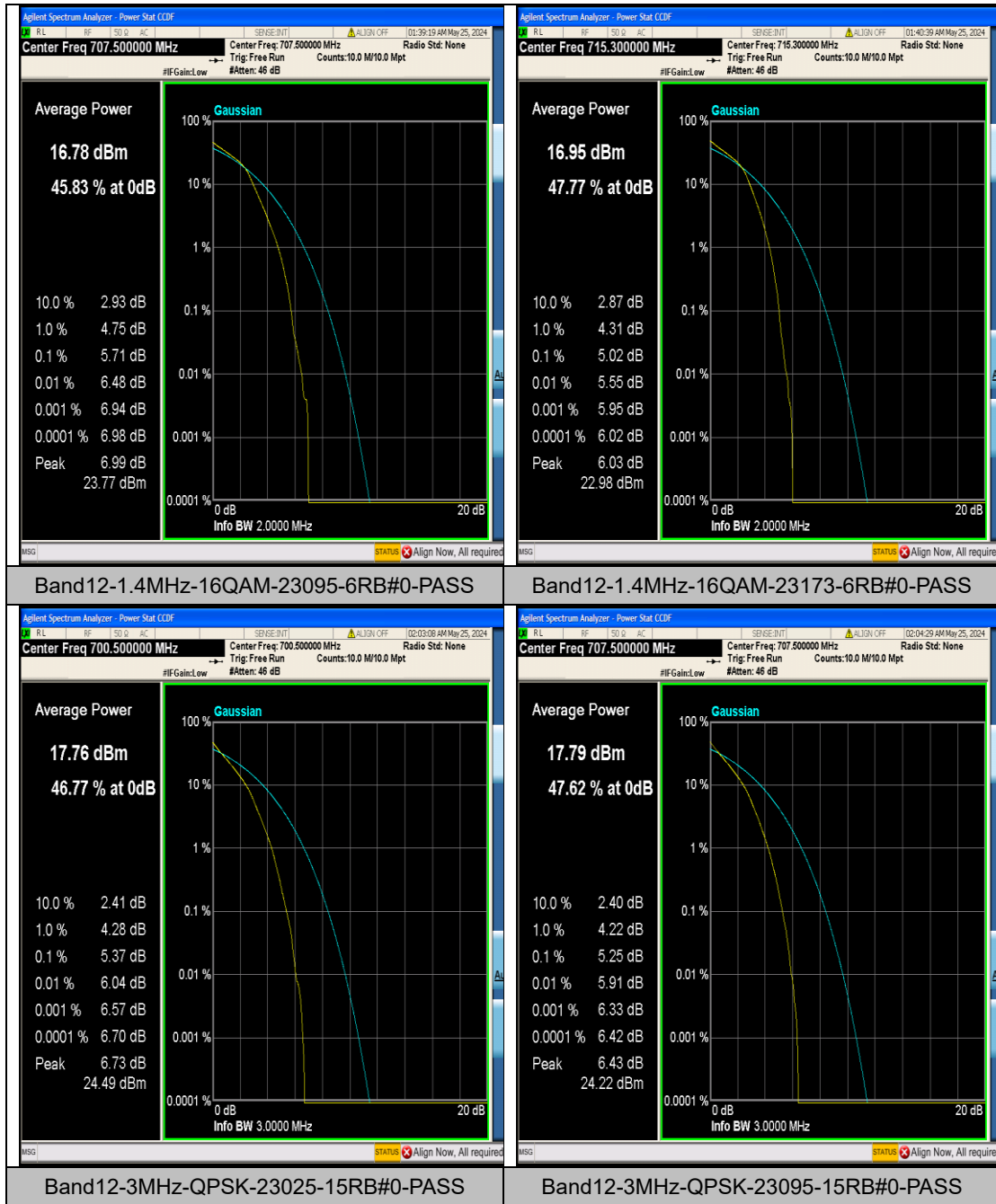
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

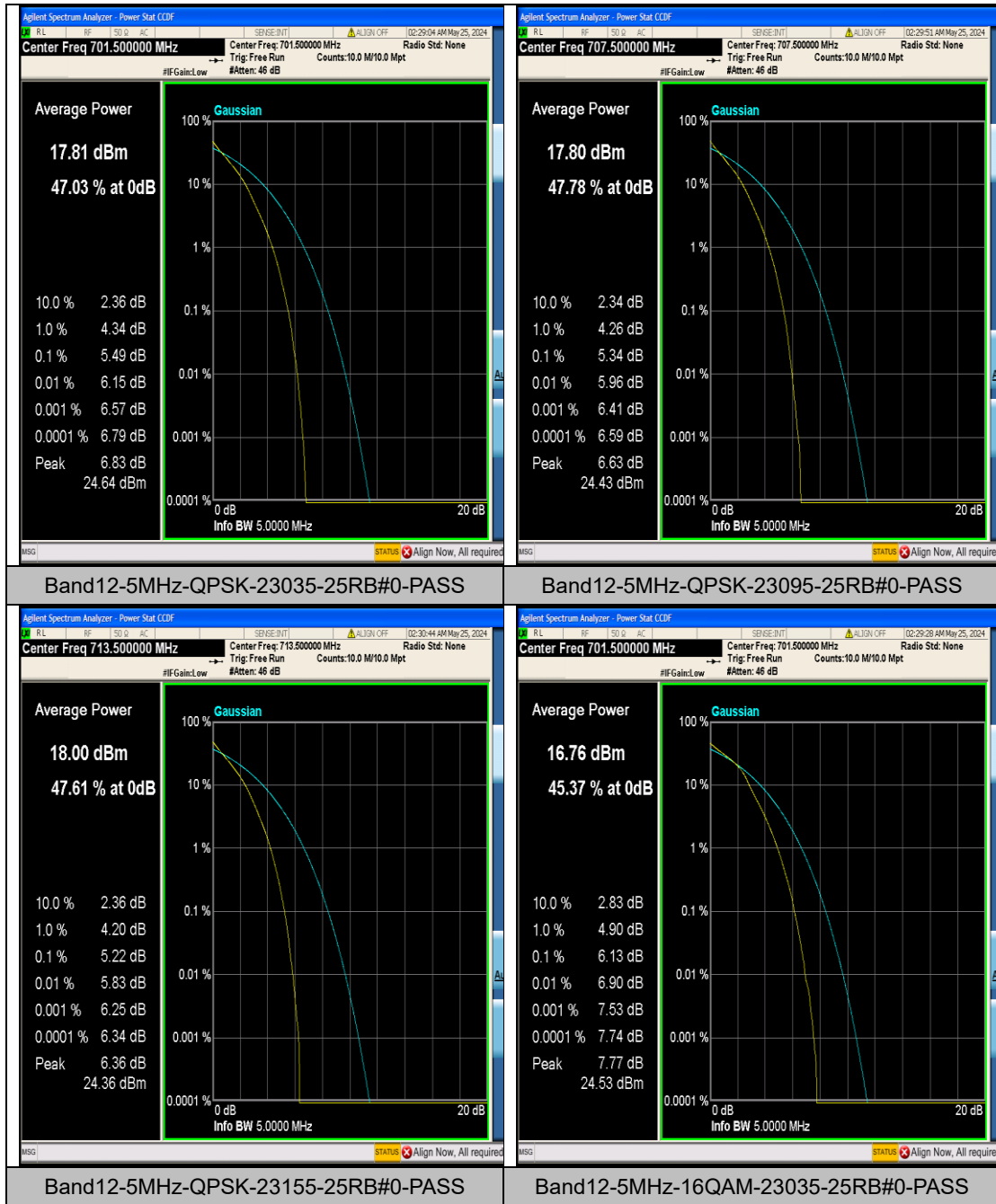
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.14	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.94	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.11	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.92	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.71	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.02	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.37	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.25	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.97	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.16	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.99	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.74	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.49	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.34	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.22	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.13	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.01	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.91	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.43	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.36	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.21	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.12	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.11	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.95	13	PASS

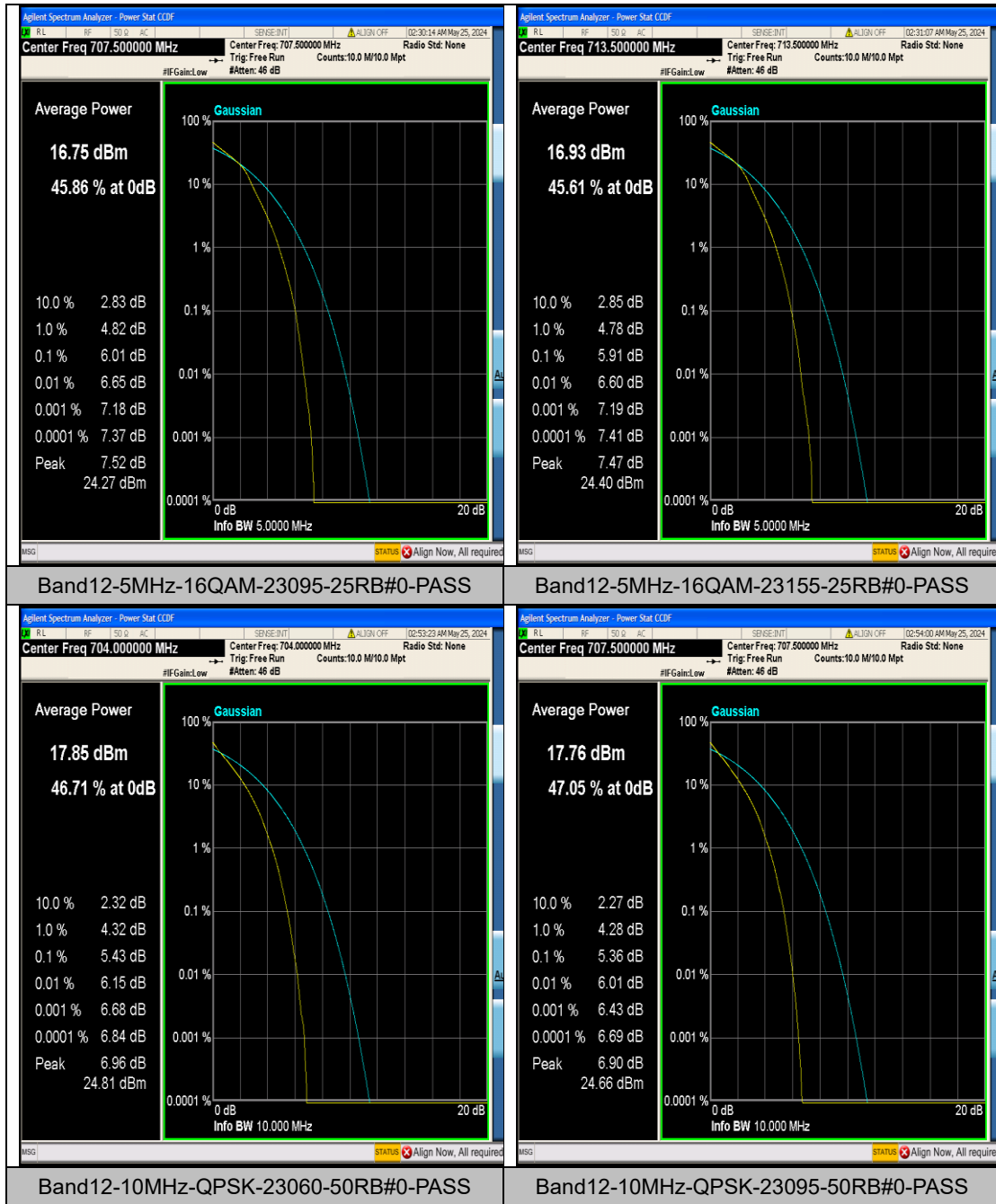
Test Graphs











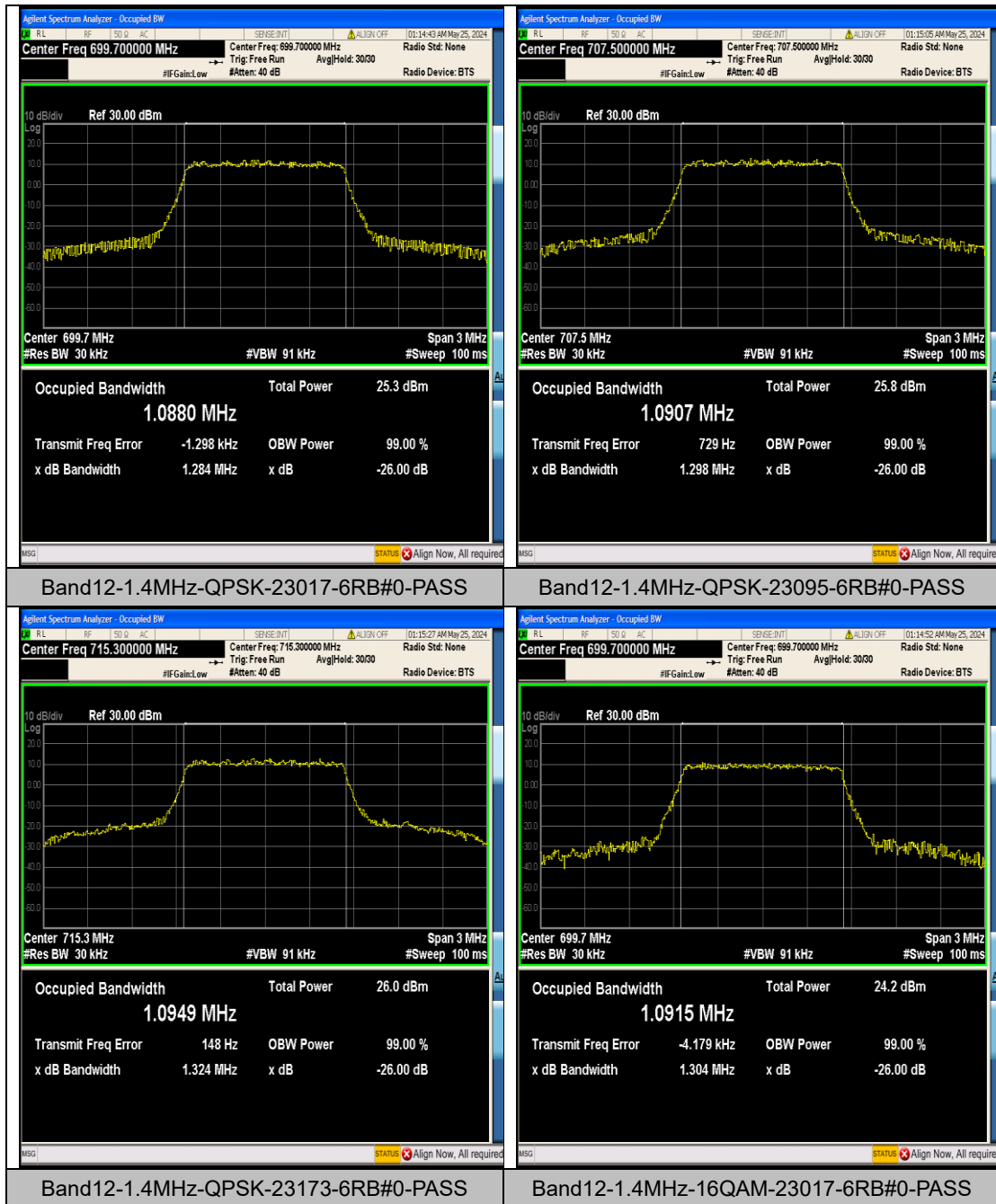


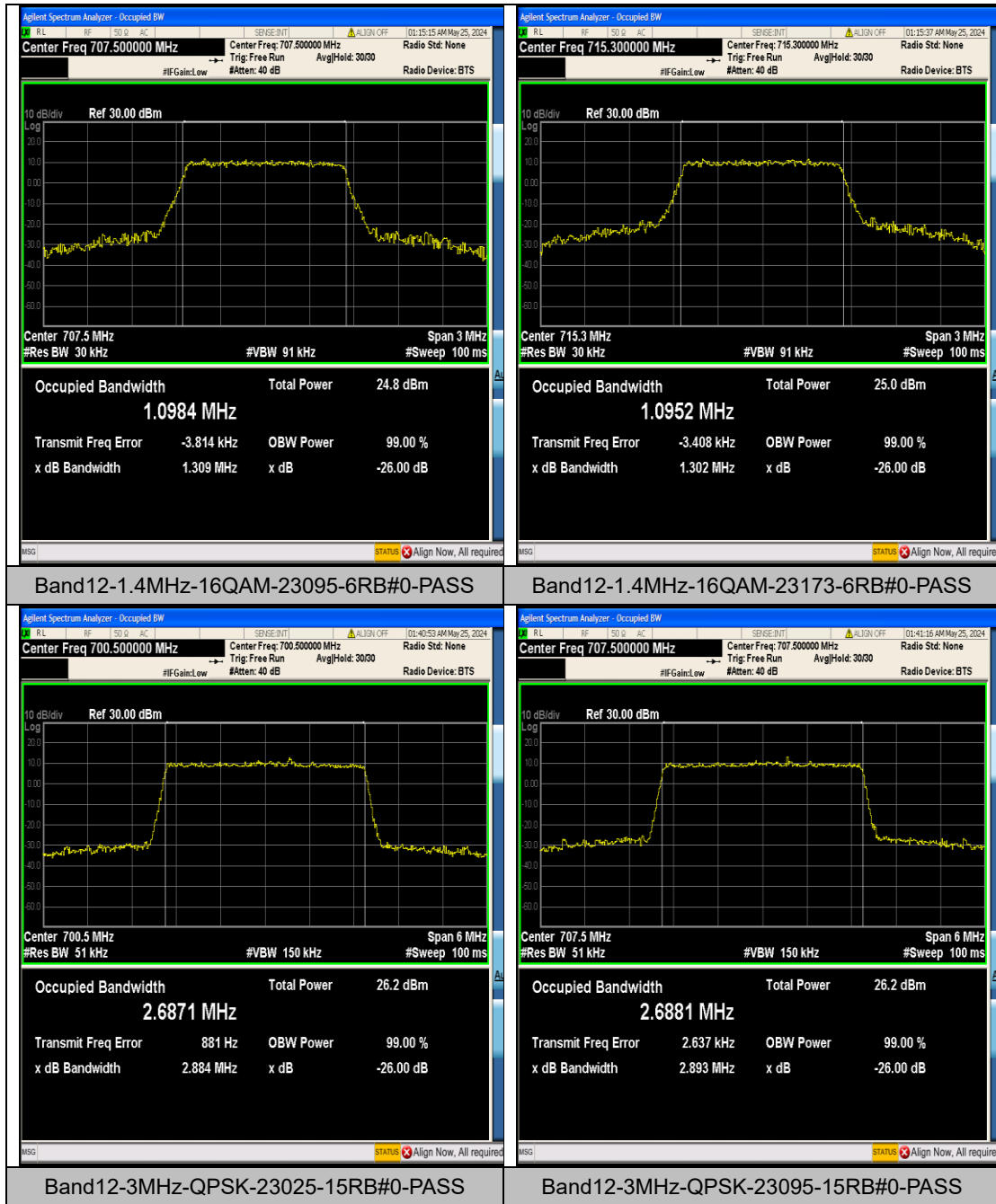
Appendix C: 26dB Bandwidth and Occupied Bandwidth

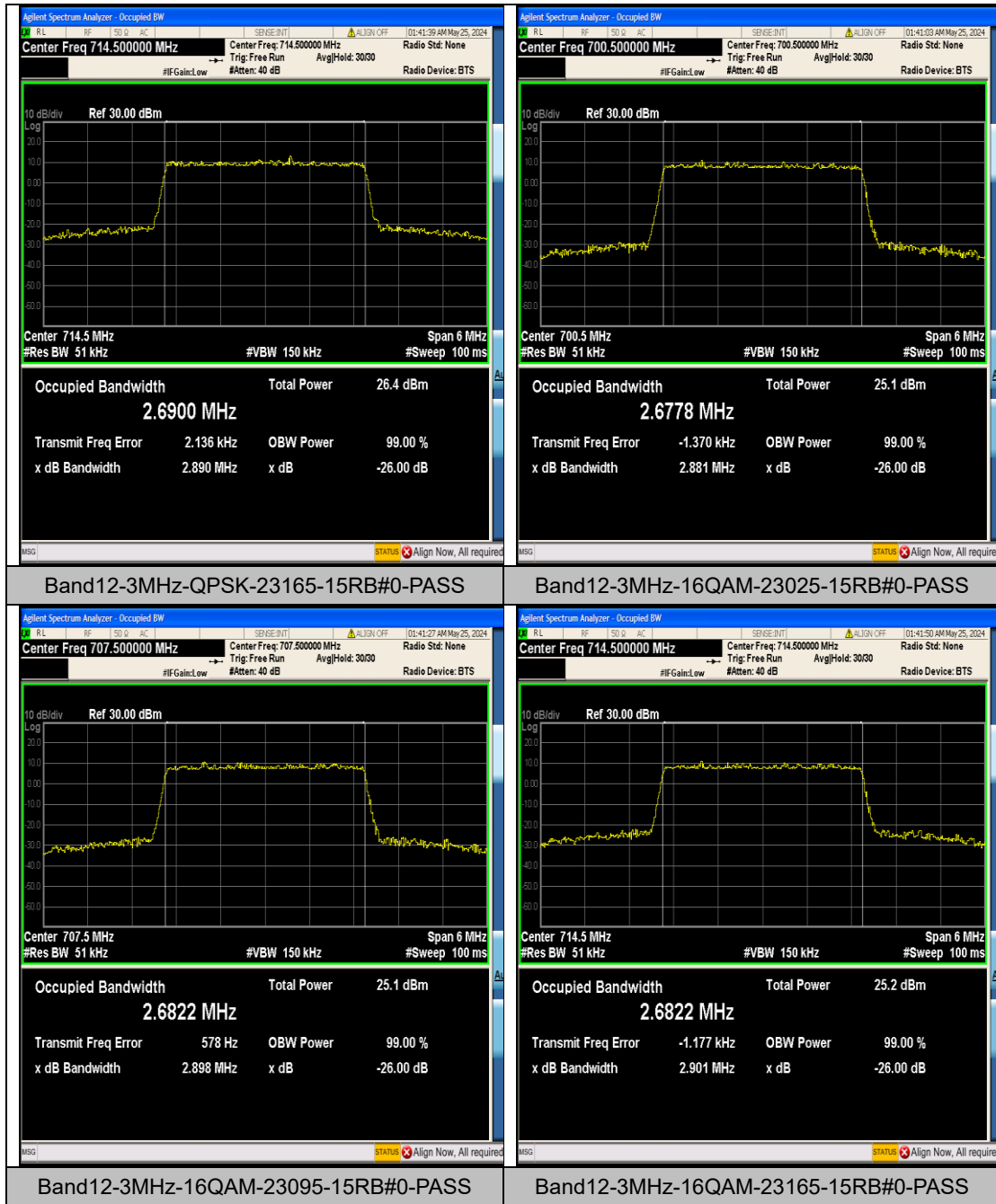
Test Result

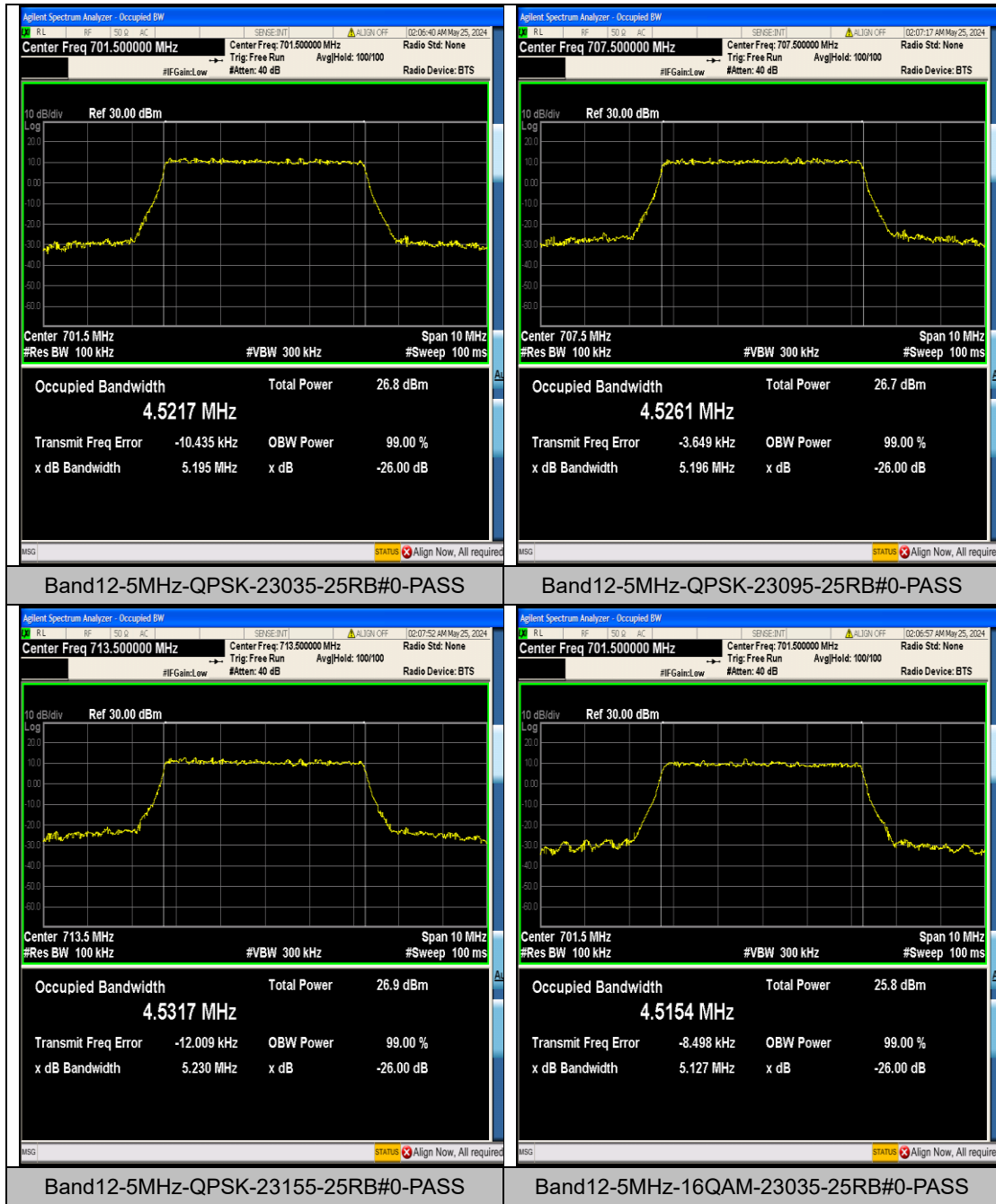
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0880	1.284	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0907	1.298	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0949	1.324	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0915	1.304	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0984	1.309	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0952	1.302	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6871	2.884	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6881	2.893	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6900	2.890	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6778	2.881	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6822	2.898	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6822	2.901	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5217	5.195	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5261	5.196	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5317	5.230	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5154	5.127	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5199	5.142	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5269	5.211	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0258	10.23	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0056	10.11	PASS
Band12	10MHz	QPSK	23130	50RB#0	9.0005	10.14	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0076	10.02	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9868	10.14	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9799	10.02	PASS

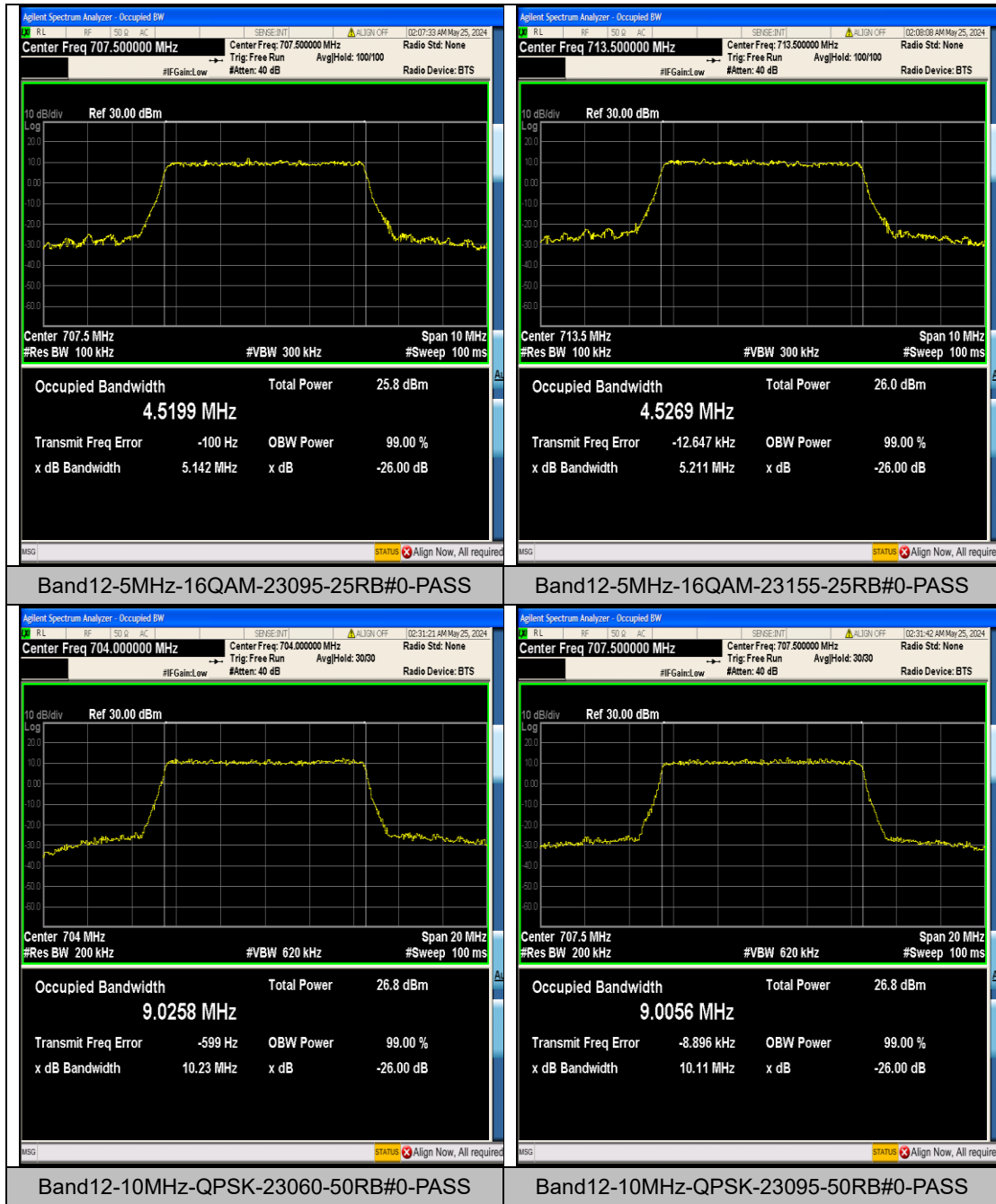
Test Graphs

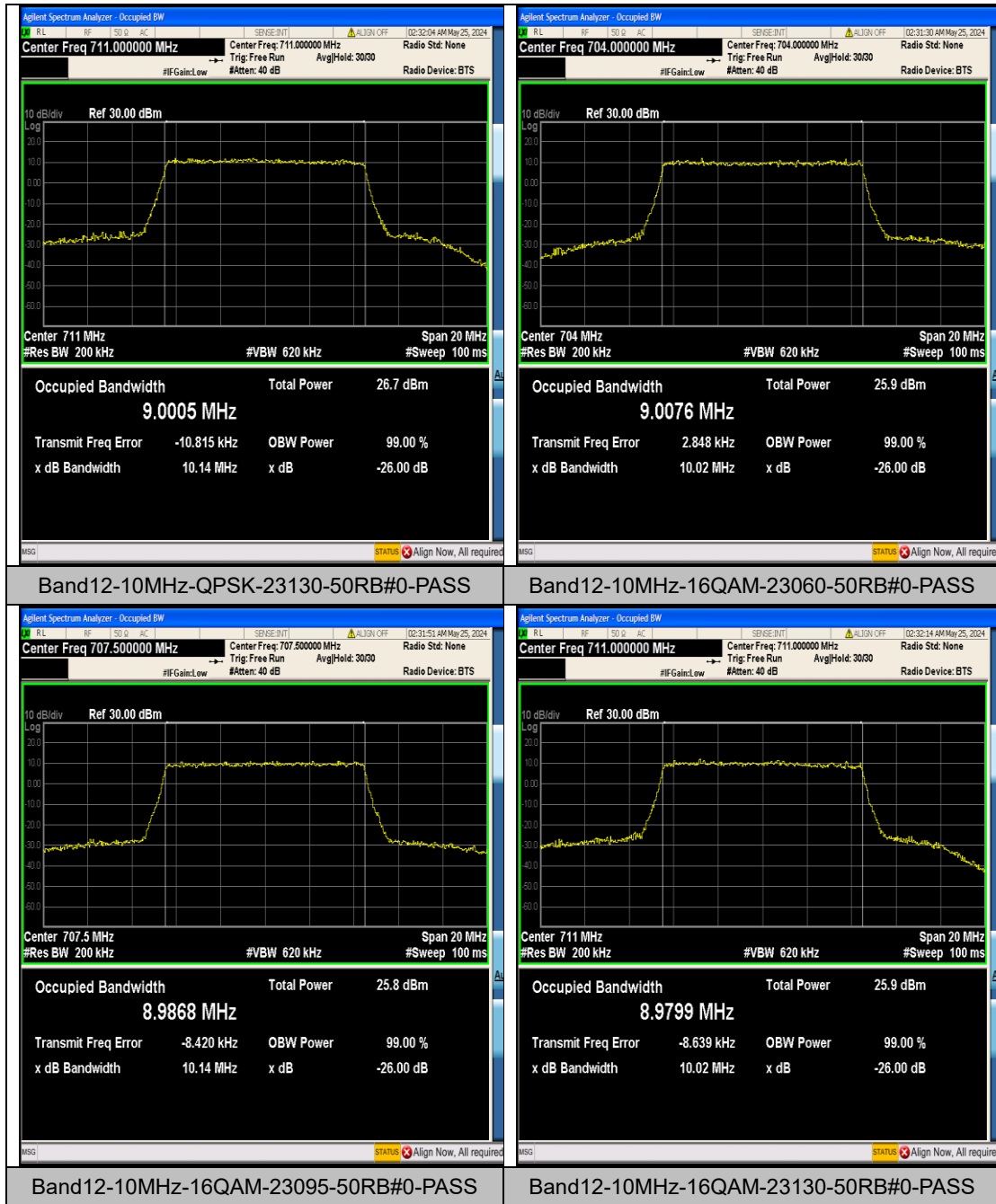










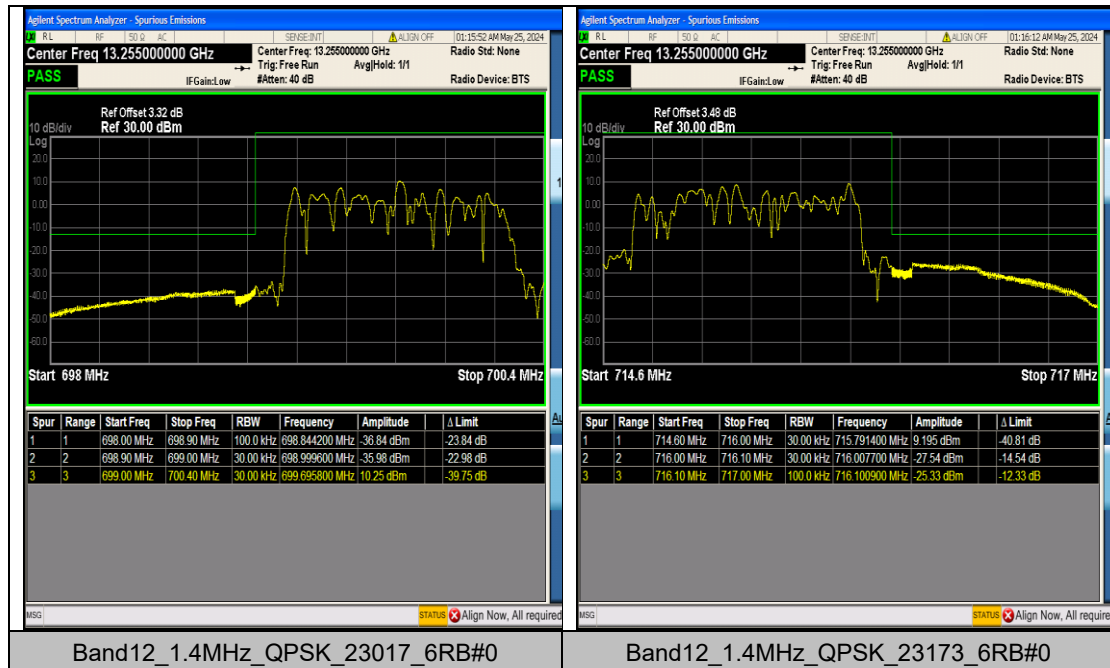


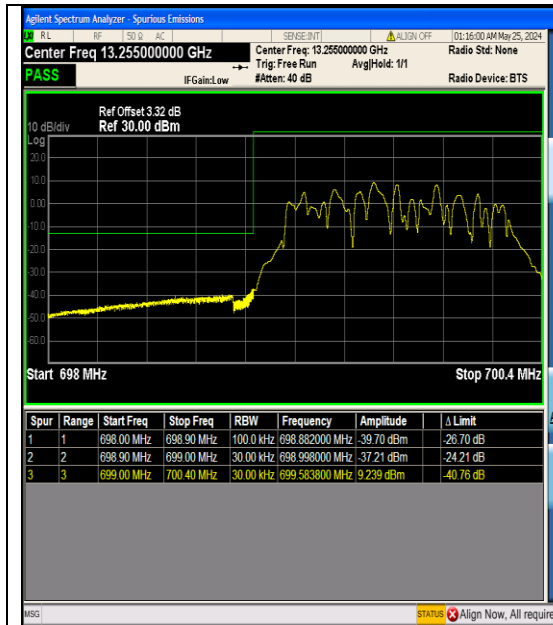
Appendix D: Band Edge

Test Result

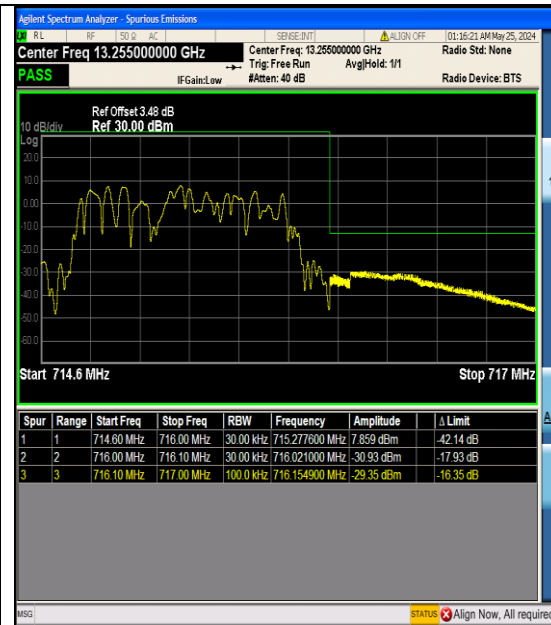
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-35.98	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-25.33	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-37.21	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-29.35	PASS
Band12	3MHz	QPSK	23025	15RB#0	-39.84	PASS
Band12	3MHz	QPSK	23165	15RB#0	-31.31	PASS
Band12	3MHz	16QAM	23025	15RB#0	-42.66	PASS
Band12	3MHz	16QAM	23165	15RB#0	-34.78	PASS
Band12	5MHz	QPSK	23035	25RB#0	-35.38	PASS
Band12	5MHz	QPSK	23155	25RB#0	-34.69	PASS
Band12	5MHz	16QAM	23035	25RB#0	-38.90	PASS
Band12	5MHz	16QAM	23155	25RB#0	-36.83	PASS
Band12	10MHz	QPSK	23060	50RB#0	-40.33	PASS
Band12	10MHz	QPSK	23130	50RB#0	-39.97	PASS
Band12	10MHz	16QAM	23060	50RB#0	-43.37	PASS
Band12	10MHz	16QAM	23130	50RB#0	-43.02	PASS

Test Graphs

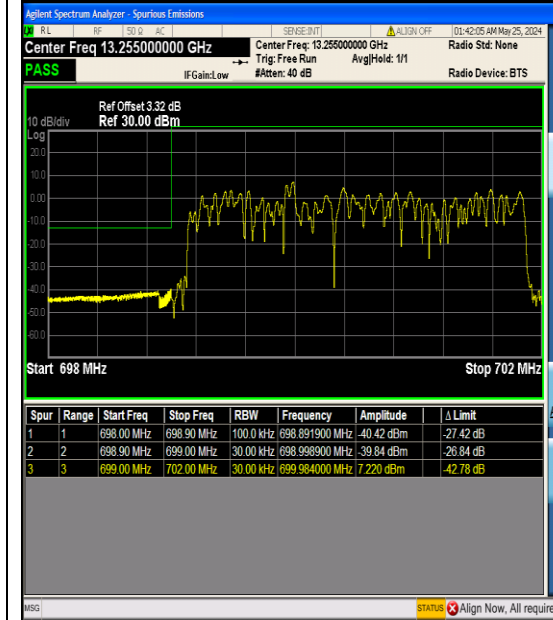




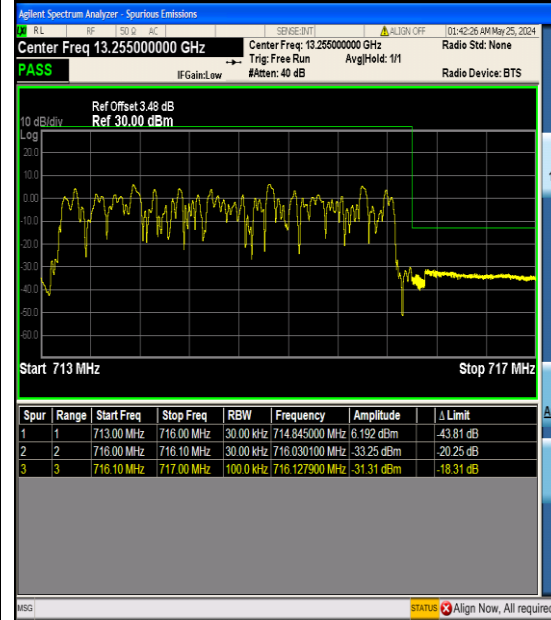
Band12_1.4MHz_16QAM_23017_6RB#0



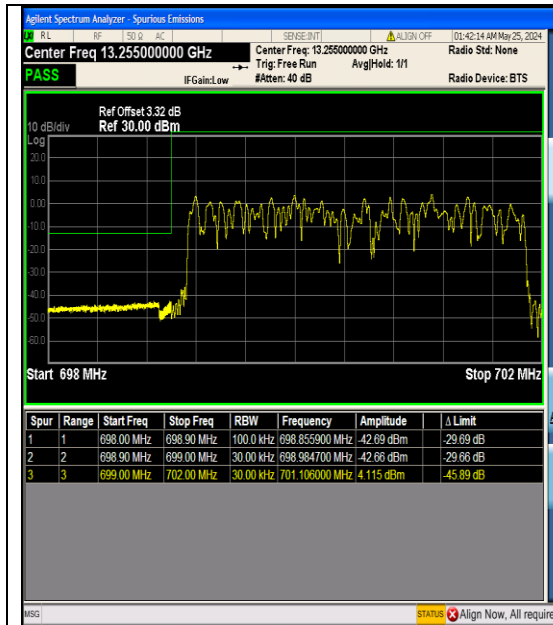
Band12_1.4MHz_16QAM_23173_6RB#0



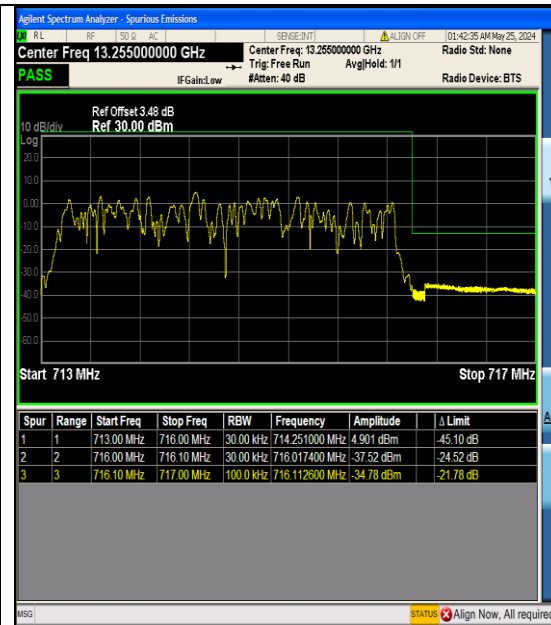
Band12_3MHz_QPSK_23025_15RB#0



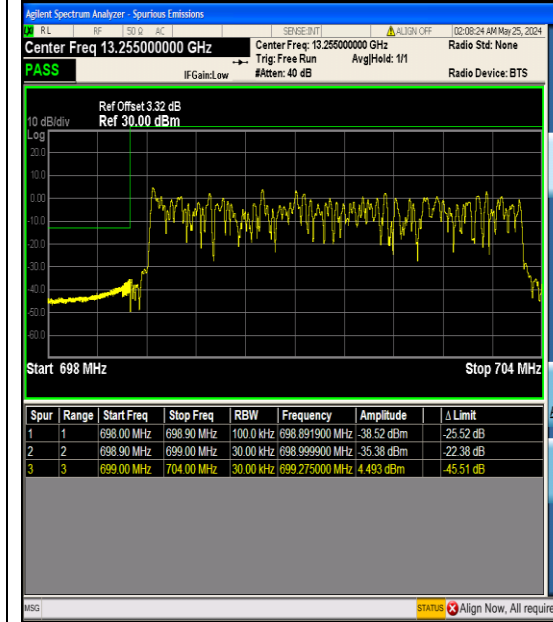
Band12_3MHz_QPSK_23165_15RB#0



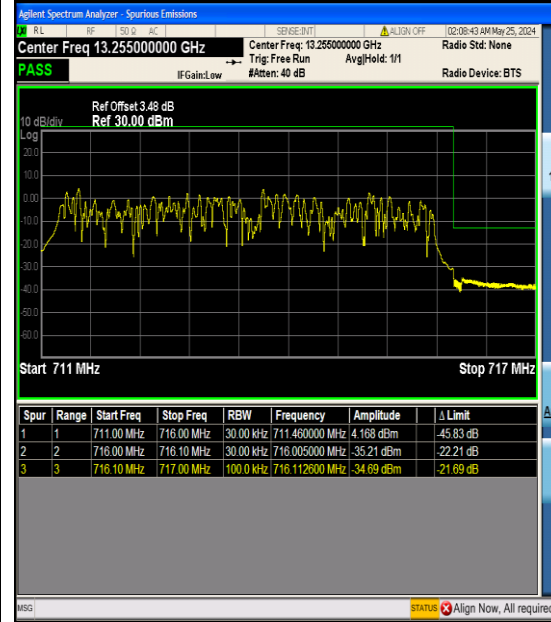
Band12_3MHz_16QAM_23025_15RB#0



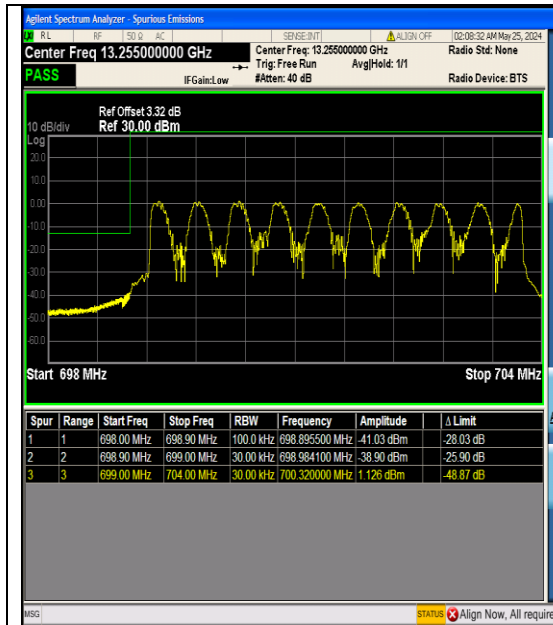
Band12_3MHz_16QAM_23165_15RB#0



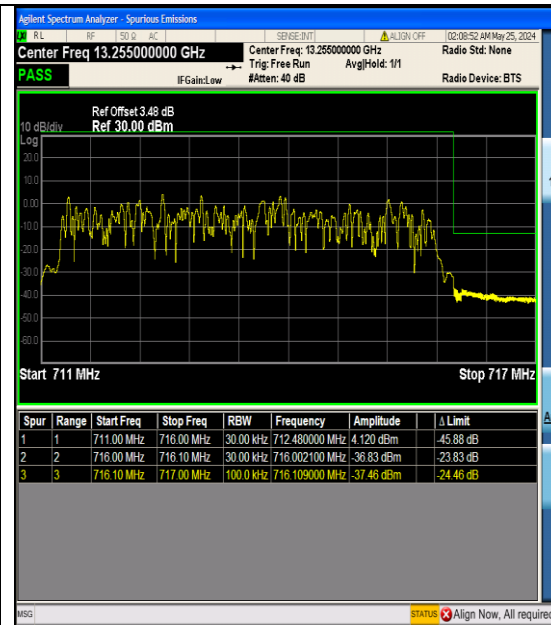
Band12_5MHz_QPSK_23035_25RB#0



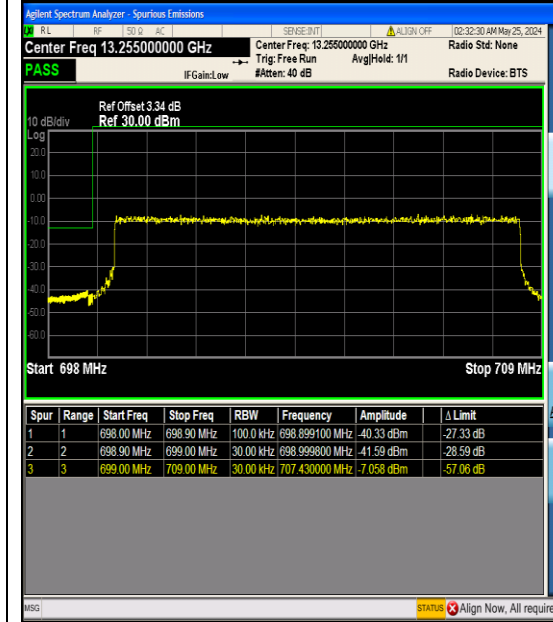
Band12_5MHz_QPSK_23155_25RB#0



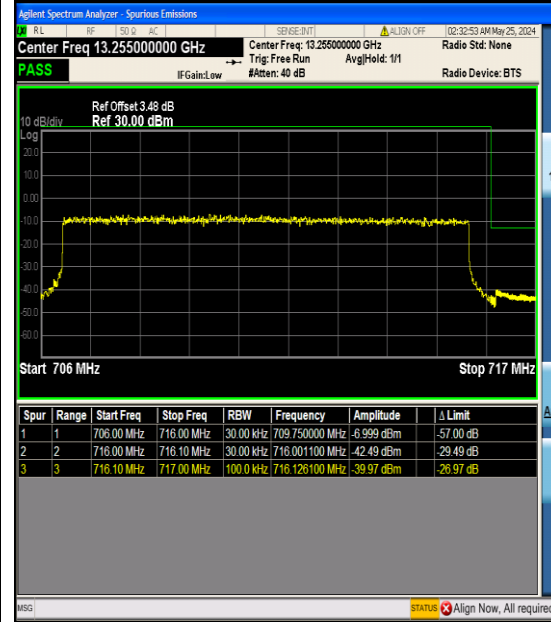
Band12_5MHz_16QAM_23035_25RB#0



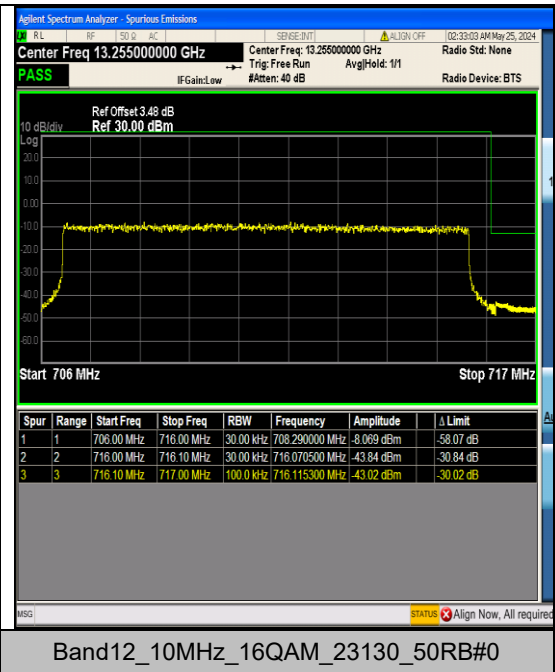
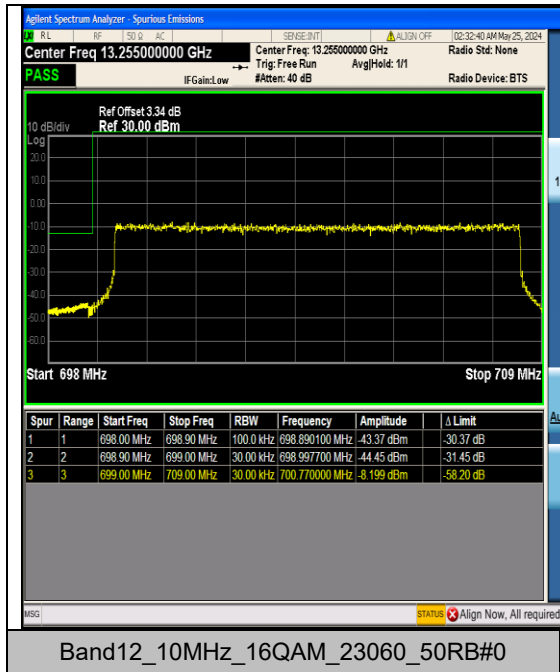
Band12_5MHz_16QAM_23155_25RB#0



Band12_10MHz_QPSK_23060_50RB#0



Band12_10MHz_QPSK_23130_50RB#0



Appendix E: Conducted Spurious Emission

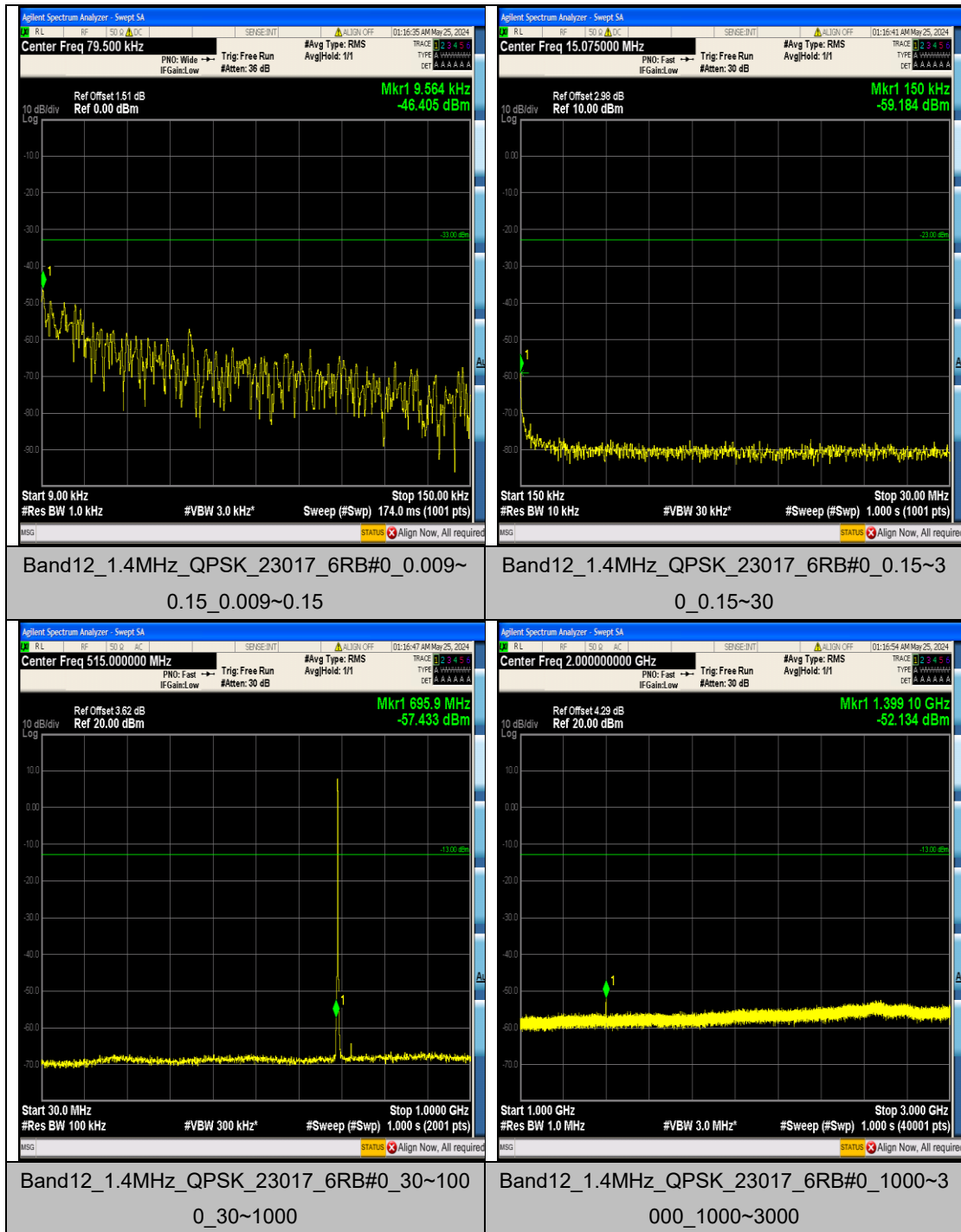
Test Result

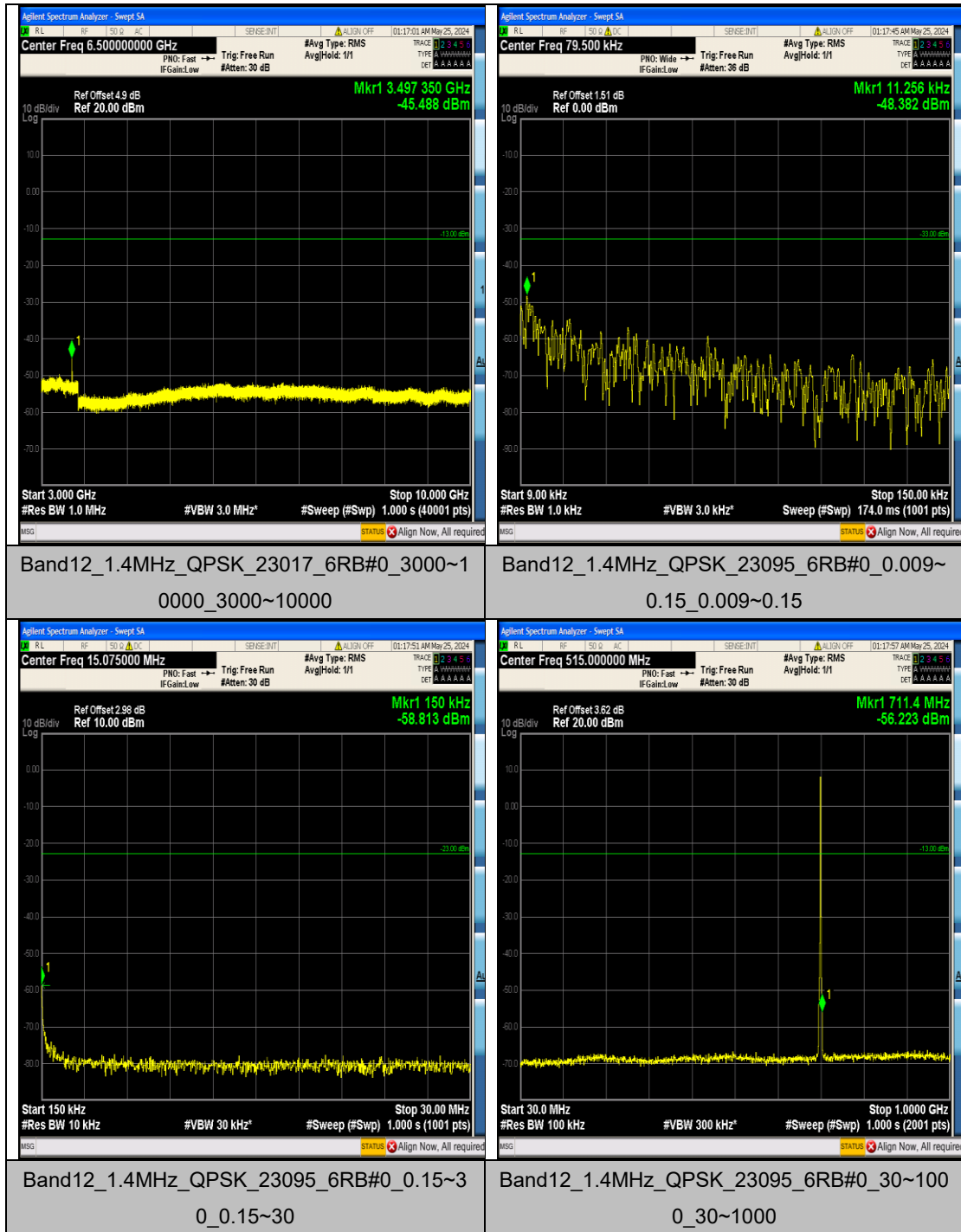
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	0.009~0.15	-46.41	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	0.15~30	-59.18	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	30~1000	-57.43	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1000~3000	-52.13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	3000~10000	-45.49	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.009~0.15	-48.38	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.15~30	-58.81	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	30~1000	-56.22	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1000~3000	-52.53	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	3000~10000	-43.42	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.009~0.15	-45.11	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.15~30	-59.65	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	30~1000	-53.73	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1000~3000	-52.23	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	3000~10000	-42.48	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.009~0.15	-48.32	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.15~30	-59.76	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	30~1000	-58.01	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1000~3000	-52.50	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	3000~10000	-47.66	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.009~0.15	-47.27	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.15~30	-58.70	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	30~1000	-57.40	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1000~3000	-52.23	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	3000~10000	-45.16	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.009~0.15	-49.69	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.15~30	-57.43	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	30~1000	-57.26	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1000~3000	-52.53	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	3000~10000	-44.04	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.009~0.15	-46.78	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.15~30	-58.83	PASS
Band12	3MHz	QPSK	23025	15RB#0	30~1000	-57.66	PASS
Band12	3MHz	QPSK	23025	15RB#0	1000~3000	-52.53	PASS
Band12	3MHz	QPSK	23025	15RB#0	3000~10000	-47.84	PASS
Band12	3MHz	QPSK	23095	15RB#0	0.009~0.15	-50.30	PASS

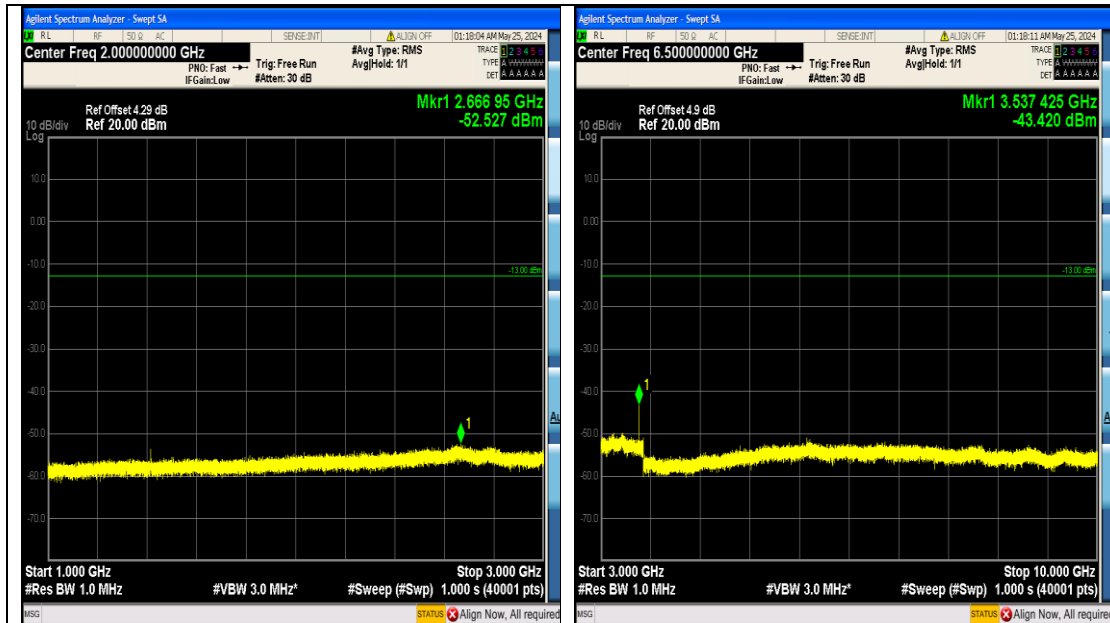
Band12	3MHz	QPSK	23095	15RB#0	0.15~30	-57.31	PASS
Band12	3MHz	QPSK	23095	15RB#0	30~1000	-57.96	PASS
Band12	3MHz	QPSK	23095	15RB#0	1000~3000	-52.55	PASS
Band12	3MHz	QPSK	23095	15RB#0	3000~10000	-47.39	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.009~0.15	-46.74	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.15~30	-59.30	PASS
Band12	3MHz	QPSK	23165	15RB#0	30~1000	-57.64	PASS
Band12	3MHz	QPSK	23165	15RB#0	1000~3000	-52.48	PASS
Band12	3MHz	QPSK	23165	15RB#0	3000~10000	-45.01	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.009~0.15	-48.17	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.15~30	-59.43	PASS
Band12	3MHz	16QAM	23025	15RB#0	30~1000	-58.45	PASS
Band12	3MHz	16QAM	23025	15RB#0	1000~3000	-51.91	PASS
Band12	3MHz	16QAM	23025	15RB#0	3000~10000	-47.75	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.009~0.15	-47.13	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.15~30	-57.62	PASS
Band12	3MHz	16QAM	23095	15RB#0	30~1000	-60.24	PASS
Band12	3MHz	16QAM	23095	15RB#0	1000~3000	-52.23	PASS
Band12	3MHz	16QAM	23095	15RB#0	3000~10000	-47.74	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.009~0.15	-44.36	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.15~30	-57.21	PASS
Band12	3MHz	16QAM	23165	15RB#0	30~1000	-60.00	PASS
Band12	3MHz	16QAM	23165	15RB#0	1000~3000	-52.17	PASS
Band12	3MHz	16QAM	23165	15RB#0	3000~10000	-46.25	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.009~0.15	-45.51	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.15~30	-58.63	PASS
Band12	5MHz	QPSK	23035	25RB#0	30~1000	-60.11	PASS
Band12	5MHz	QPSK	23035	25RB#0	1000~3000	-52.63	PASS
Band12	5MHz	QPSK	23035	25RB#0	3000~10000	-48.98	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.009~0.15	-49.10	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.15~30	-58.20	PASS
Band12	5MHz	QPSK	23095	25RB#0	30~1000	-62.13	PASS
Band12	5MHz	QPSK	23095	25RB#0	1000~3000	-52.32	PASS
Band12	5MHz	QPSK	23095	25RB#0	3000~10000	-48.61	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.009~0.15	-47.88	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.15~30	-57.34	PASS
Band12	5MHz	QPSK	23155	25RB#0	30~1000	-58.72	PASS
Band12	5MHz	QPSK	23155	25RB#0	1000~3000	-52.64	PASS
Band12	5MHz	QPSK	23155	25RB#0	3000~10000	-47.76	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.009~0.15	-47.53	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.15~30	-59.99	PASS
Band12	5MHz	16QAM	23035	25RB#0	30~1000	-61.70	PASS
Band12	5MHz	16QAM	23035	25RB#0	1000~3000	-51.96	PASS

Band12	5MHz	16QAM	23035	25RB#0	3000~10000	-49.47	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.009~0.15	-46.75	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.15~30	-60.36	PASS
Band12	5MHz	16QAM	23095	25RB#0	30~1000	-63.97	PASS
Band12	5MHz	16QAM	23095	25RB#0	1000~3000	-53.01	PASS
Band12	5MHz	16QAM	23095	25RB#0	3000~10000	-49.46	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.009~0.15	-48.01	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.15~30	-60.62	PASS
Band12	5MHz	16QAM	23155	25RB#0	30~1000	-61.81	PASS
Band12	5MHz	16QAM	23155	25RB#0	1000~3000	-52.71	PASS
Band12	5MHz	16QAM	23155	25RB#0	3000~10000	-48.75	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.009~0.15	-47.78	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.15~30	-56.95	PASS
Band12	10MHz	QPSK	23060	50RB#0	30~1000	-66.45	PASS
Band12	10MHz	QPSK	23060	50RB#0	1000~3000	-52.79	PASS
Band12	10MHz	QPSK	23060	50RB#0	3000~10000	-50.04	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.009~0.15	-49.48	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.15~30	-56.88	PASS
Band12	10MHz	QPSK	23095	50RB#0	30~1000	-66.61	PASS
Band12	10MHz	QPSK	23095	50RB#0	1000~3000	-52.49	PASS
Band12	10MHz	QPSK	23095	50RB#0	3000~10000	-49.58	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.009~0.15	-46.58	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.15~30	-58.82	PASS
Band12	10MHz	QPSK	23130	50RB#0	30~1000	-66.75	PASS
Band12	10MHz	QPSK	23130	50RB#0	1000~3000	-52.76	PASS
Band12	10MHz	QPSK	23130	50RB#0	3000~10000	-49.02	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.009~0.15	-46.27	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.15~30	-57.94	PASS
Band12	10MHz	16QAM	23060	50RB#0	30~1000	-66.44	PASS
Band12	10MHz	16QAM	23060	50RB#0	1000~3000	-52.26	PASS
Band12	10MHz	16QAM	23060	50RB#0	3000~10000	-49.96	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.009~0.15	-50.42	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.15~30	-58.64	PASS
Band12	10MHz	16QAM	23095	50RB#0	30~1000	-66.53	PASS
Band12	10MHz	16QAM	23095	50RB#0	1000~3000	-52.41	PASS
Band12	10MHz	16QAM	23095	50RB#0	3000~10000	-50.11	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.009~0.15	-48.22	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.15~30	-59.34	PASS
Band12	10MHz	16QAM	23130	50RB#0	30~1000	-66.56	PASS
Band12	10MHz	16QAM	23130	50RB#0	1000~3000	-52.67	PASS
Band12	10MHz	16QAM	23130	50RB#0	3000~10000	-49.72	PASS

Test Graphs

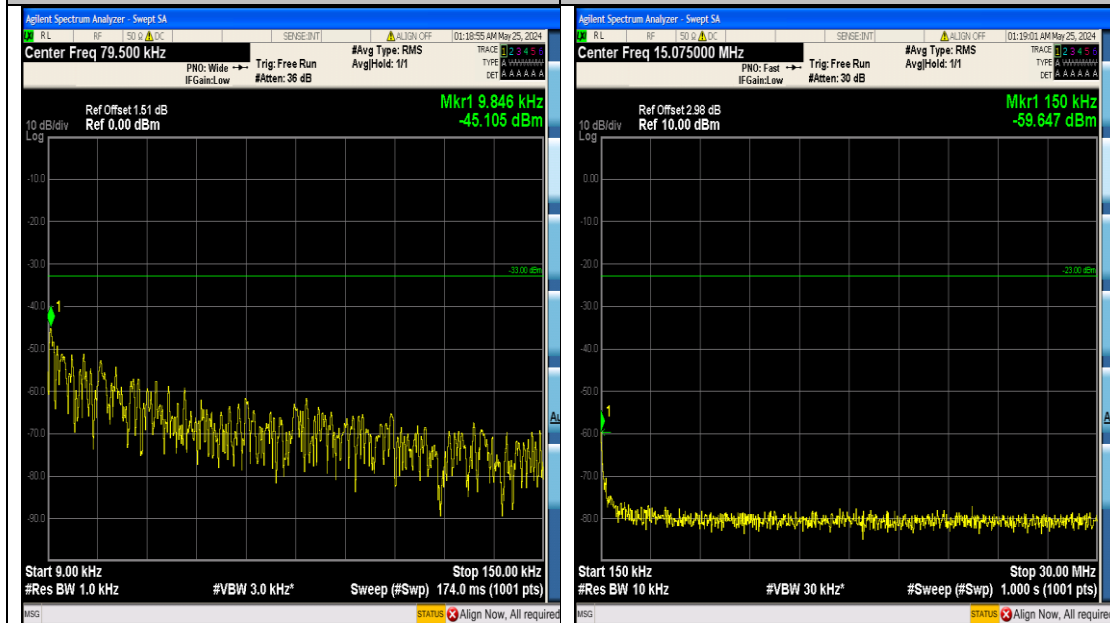






Band12_1.4MHz_QPSK_23095_6RB#0_1000~3000_1000~3000

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