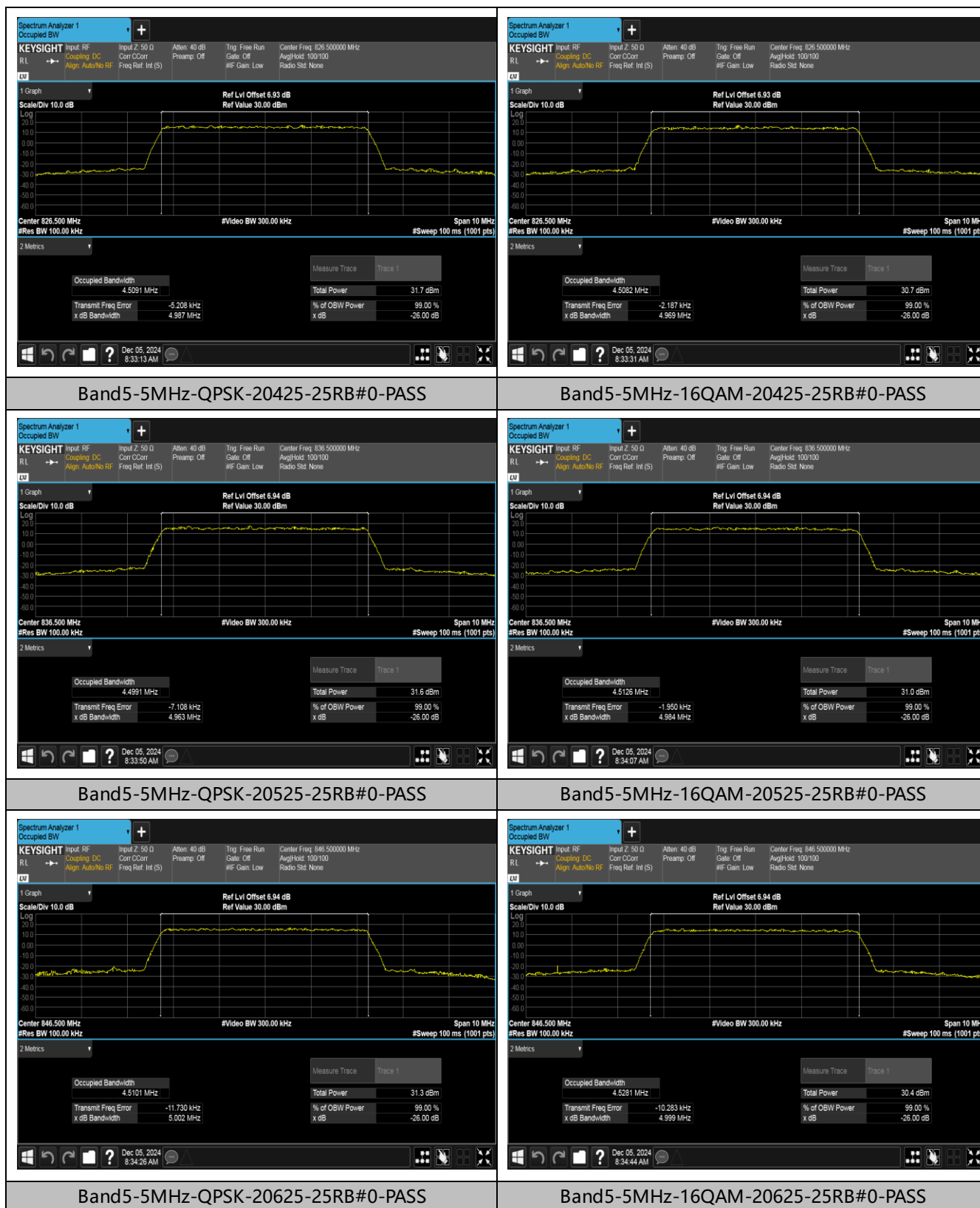
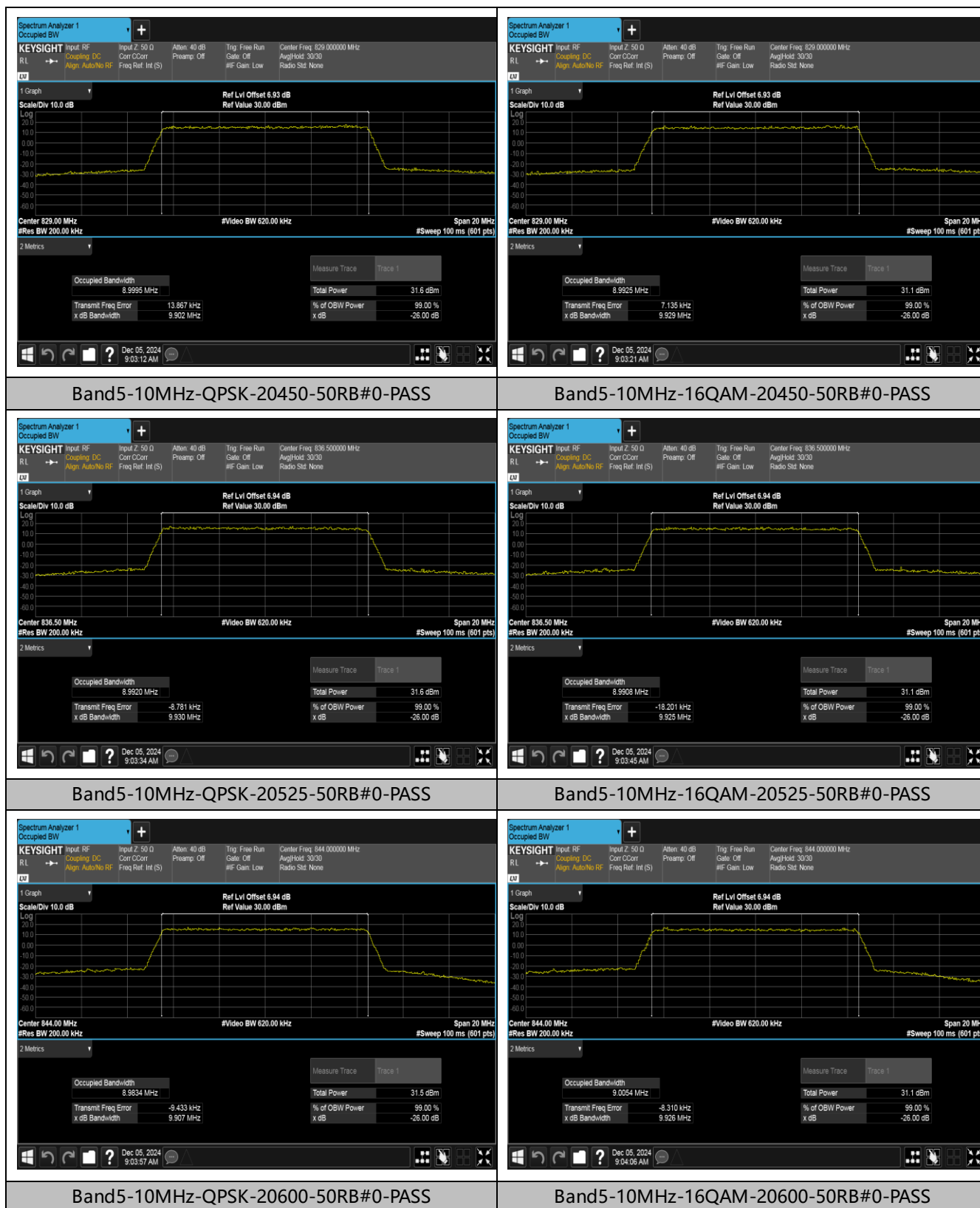






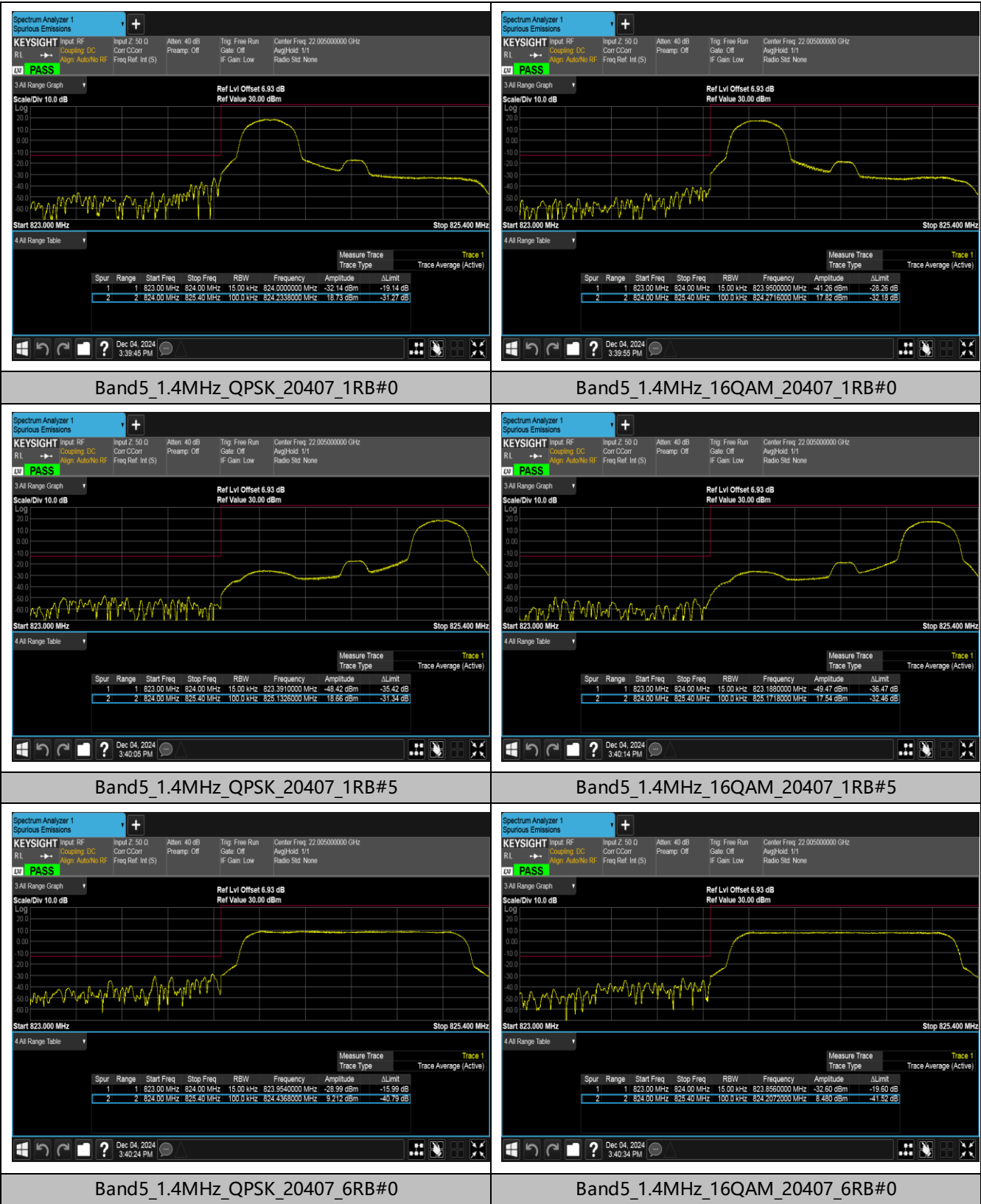
Appendix D:Band edge emissions

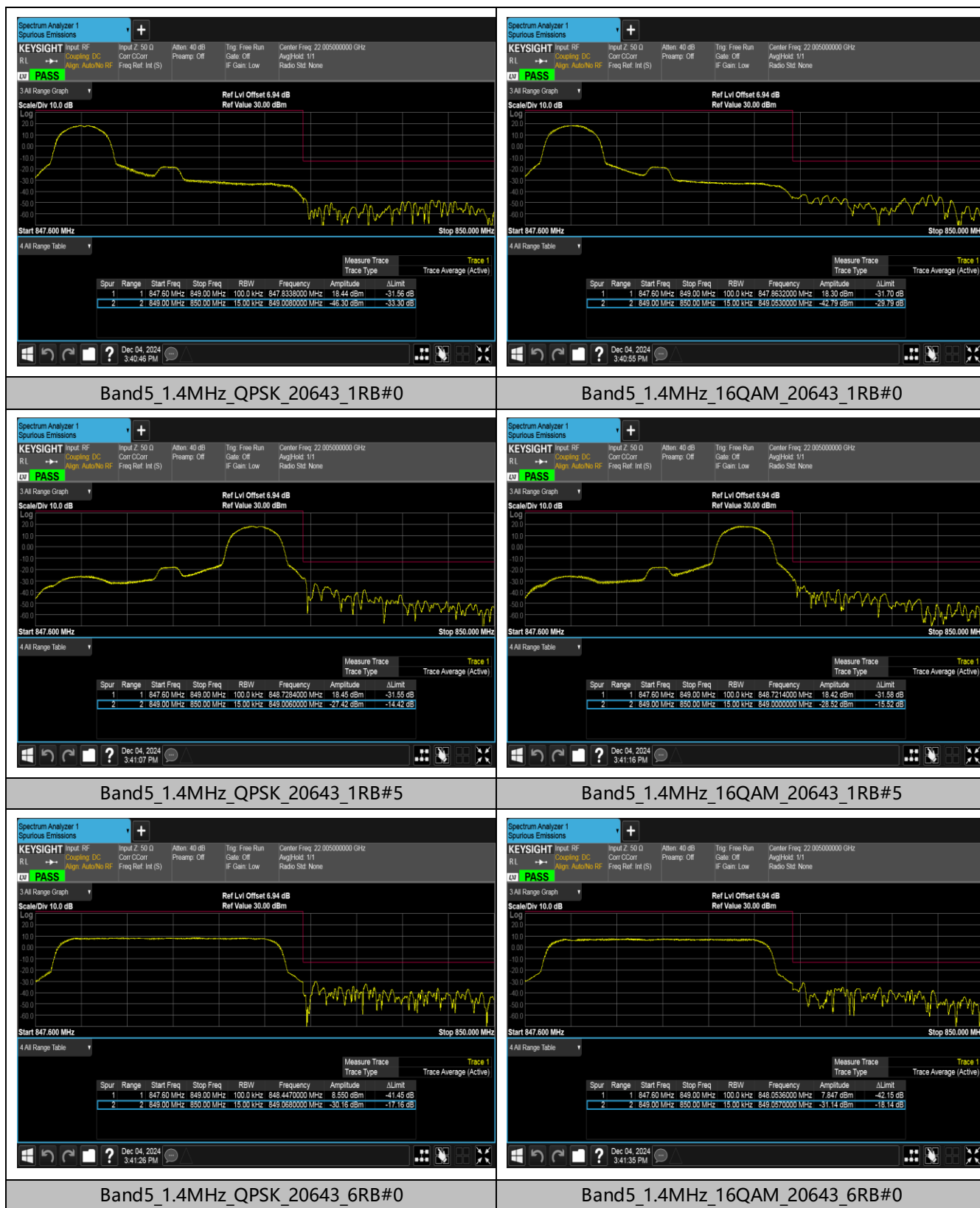
Test Result

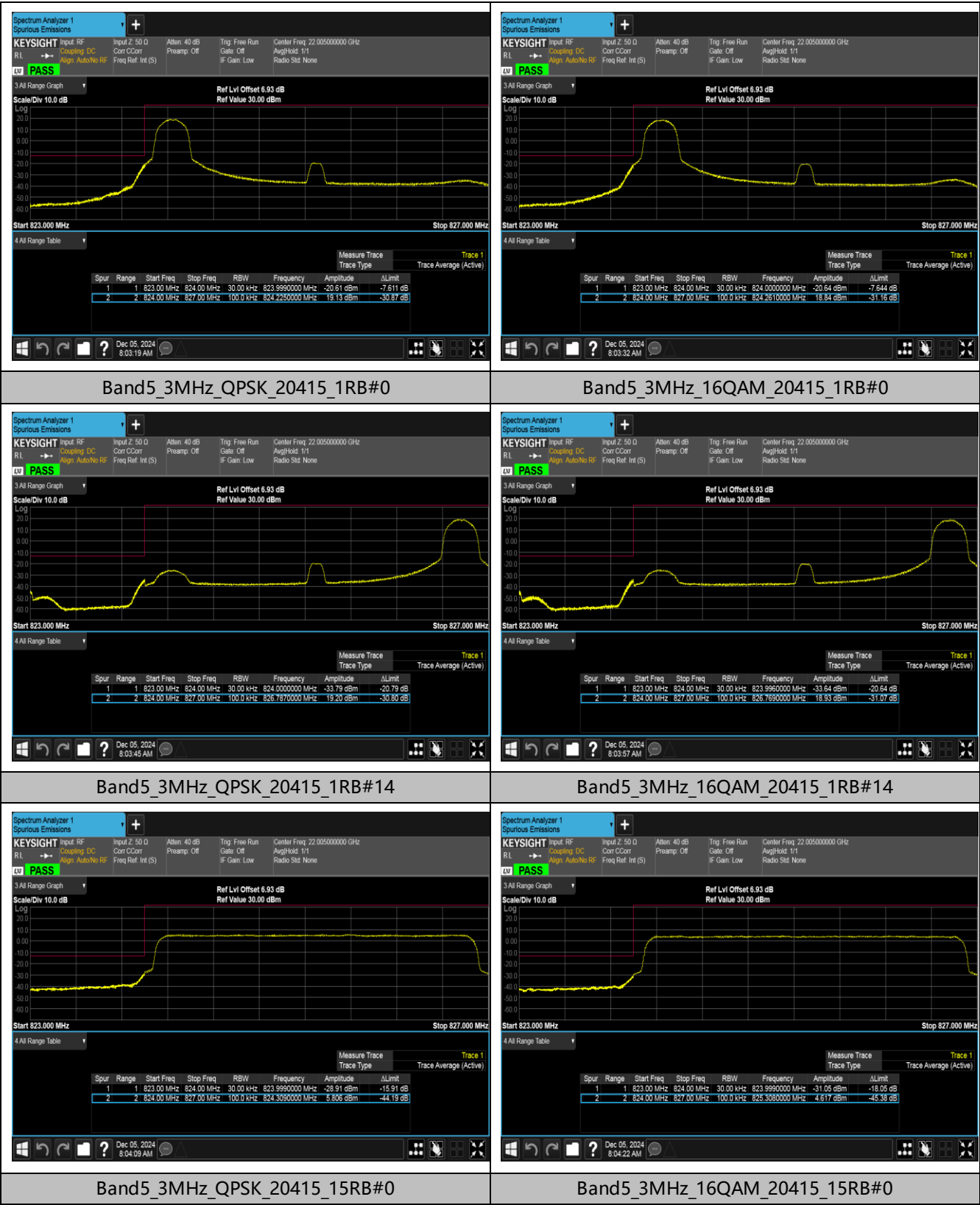
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-32.14	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-41.26	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-48.42	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-49.47	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-28.99	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-32.60	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-46.30	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-42.79	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-27.42	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-28.52	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-30.16	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-31.14	PASS
Band5	3MHz	QPSK	20415	1RB#0	-20.61	PASS
Band5	3MHz	16QAM	20415	1RB#0	-20.64	PASS
Band5	3MHz	QPSK	20415	1RB#14	-33.79	PASS
Band5	3MHz	16QAM	20415	1RB#14	-33.64	PASS
Band5	3MHz	QPSK	20415	15RB#0	-28.91	PASS
Band5	3MHz	16QAM	20415	15RB#0	-31.05	PASS
Band5	3MHz	QPSK	20635	1RB#0	-35.89	PASS
Band5	3MHz	16QAM	20635	1RB#0	-35.89	PASS
Band5	3MHz	QPSK	20635	1RB#14	-21.02	PASS
Band5	3MHz	16QAM	20635	1RB#14	-22.48	PASS
Band5	3MHz	QPSK	20635	15RB#0	-29.94	PASS
Band5	3MHz	16QAM	20635	15RB#0	-31.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	-29.24	PASS
Band5	5MHz	16QAM	20425	1RB#0	-30.16	PASS
Band5	5MHz	QPSK	20425	1RB#24	-46.13	PASS
Band5	5MHz	16QAM	20425	1RB#24	-47.29	PASS
Band5	5MHz	QPSK	20425	25RB#0	-34.91	PASS
Band5	5MHz	16QAM	20425	25RB#0	-36.20	PASS
Band5	5MHz	QPSK	20625	1RB#0	-46.94	PASS
Band5	5MHz	16QAM	20625	1RB#0	-48.53	PASS
Band5	5MHz	QPSK	20625	1RB#24	-28.05	PASS
Band5	5MHz	16QAM	20625	1RB#24	-29.10	PASS
Band5	5MHz	QPSK	20625	25RB#0	-35.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	-36.06	PASS
Band5	10MHz	QPSK	20450	1RB#0	-37.62	PASS
Band5	10MHz	16QAM	20450	1RB#0	-38.59	PASS

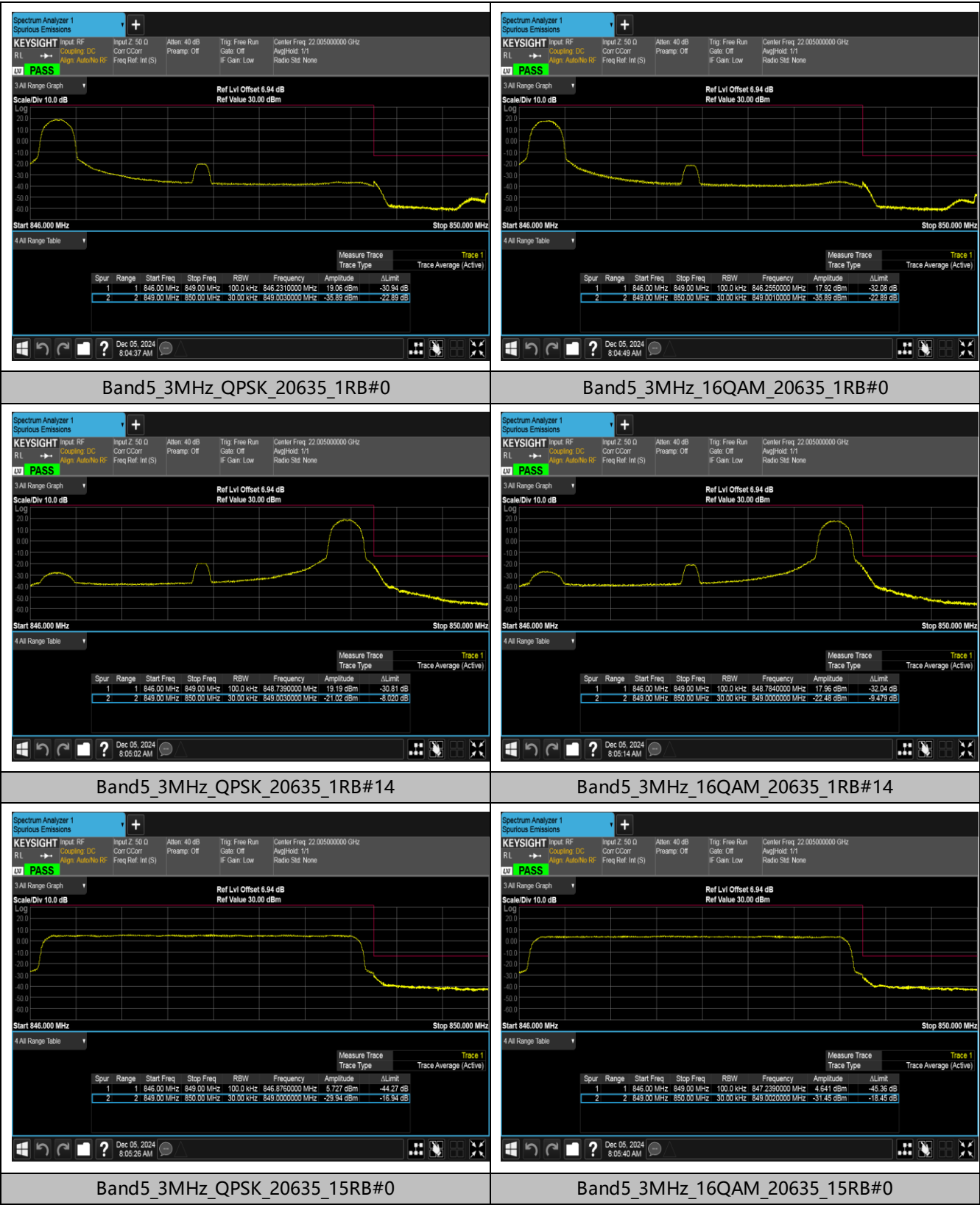
Band5	10MHz	QPSK	20450	1RB#49	-51.59	PASS
Band5	10MHz	16QAM	20450	1RB#49	-51.33	PASS
Band5	10MHz	QPSK	20450	50RB#0	-38.56	PASS
Band5	10MHz	16QAM	20450	50RB#0	-39.24	PASS
Band5	10MHz	QPSK	20600	1RB#0	-51.54	PASS
Band5	10MHz	16QAM	20600	1RB#0	-52.70	PASS
Band5	10MHz	QPSK	20600	1RB#49	-36.52	PASS
Band5	10MHz	16QAM	20600	1RB#49	-36.50	PASS
Band5	10MHz	QPSK	20600	50RB#0	-37.64	PASS
Band5	10MHz	16QAM	20600	50RB#0	-38.14	PASS

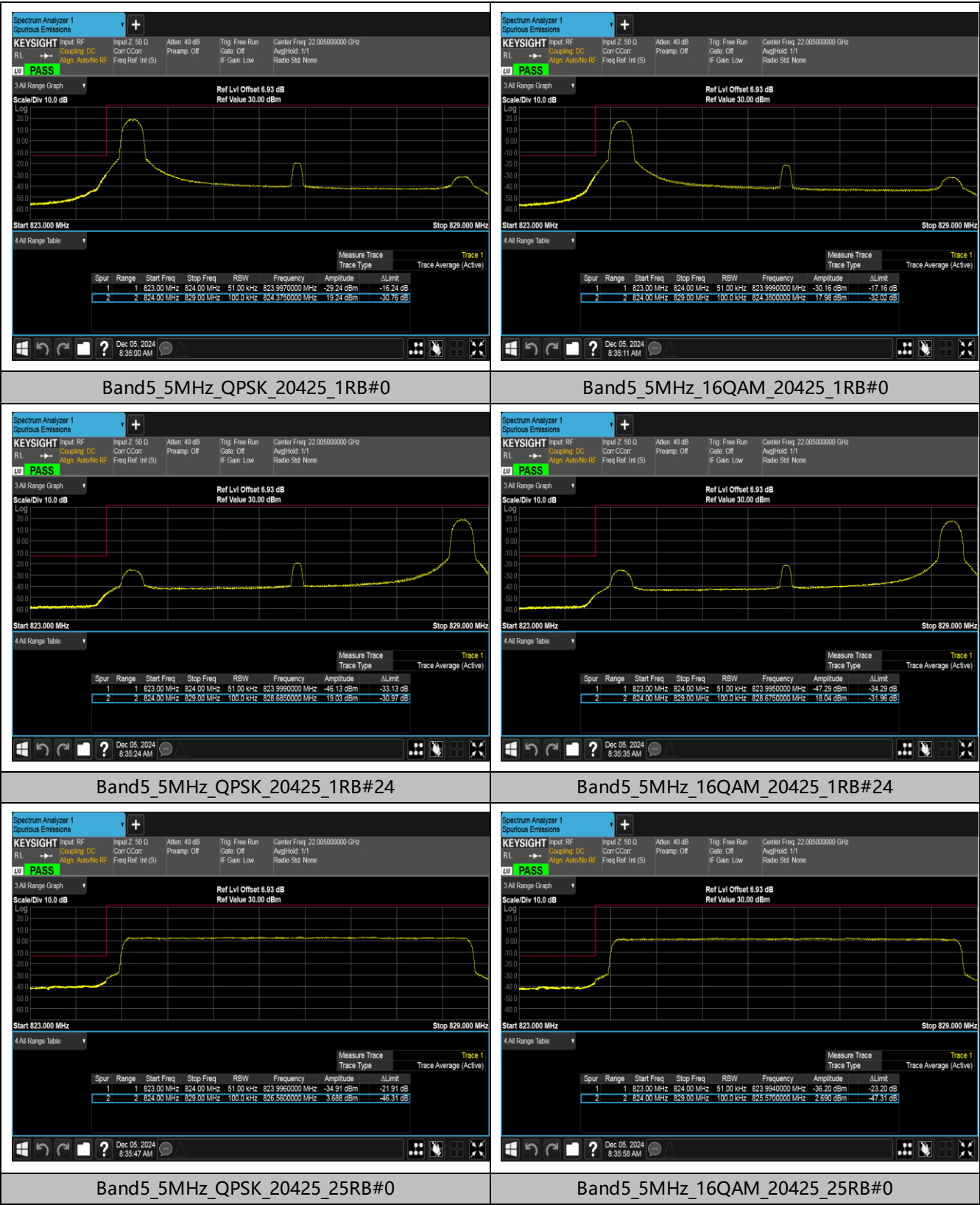
Test Graphs

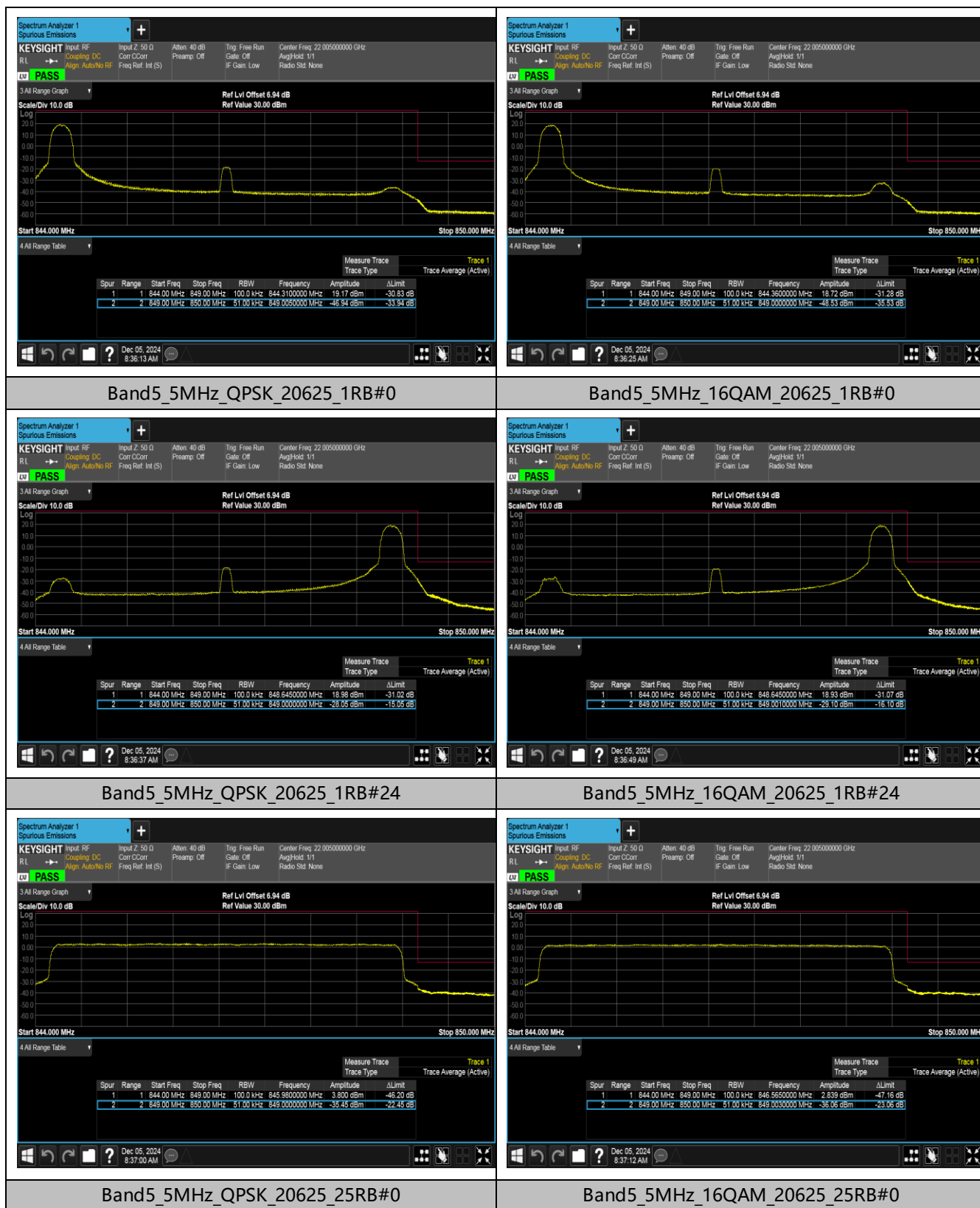


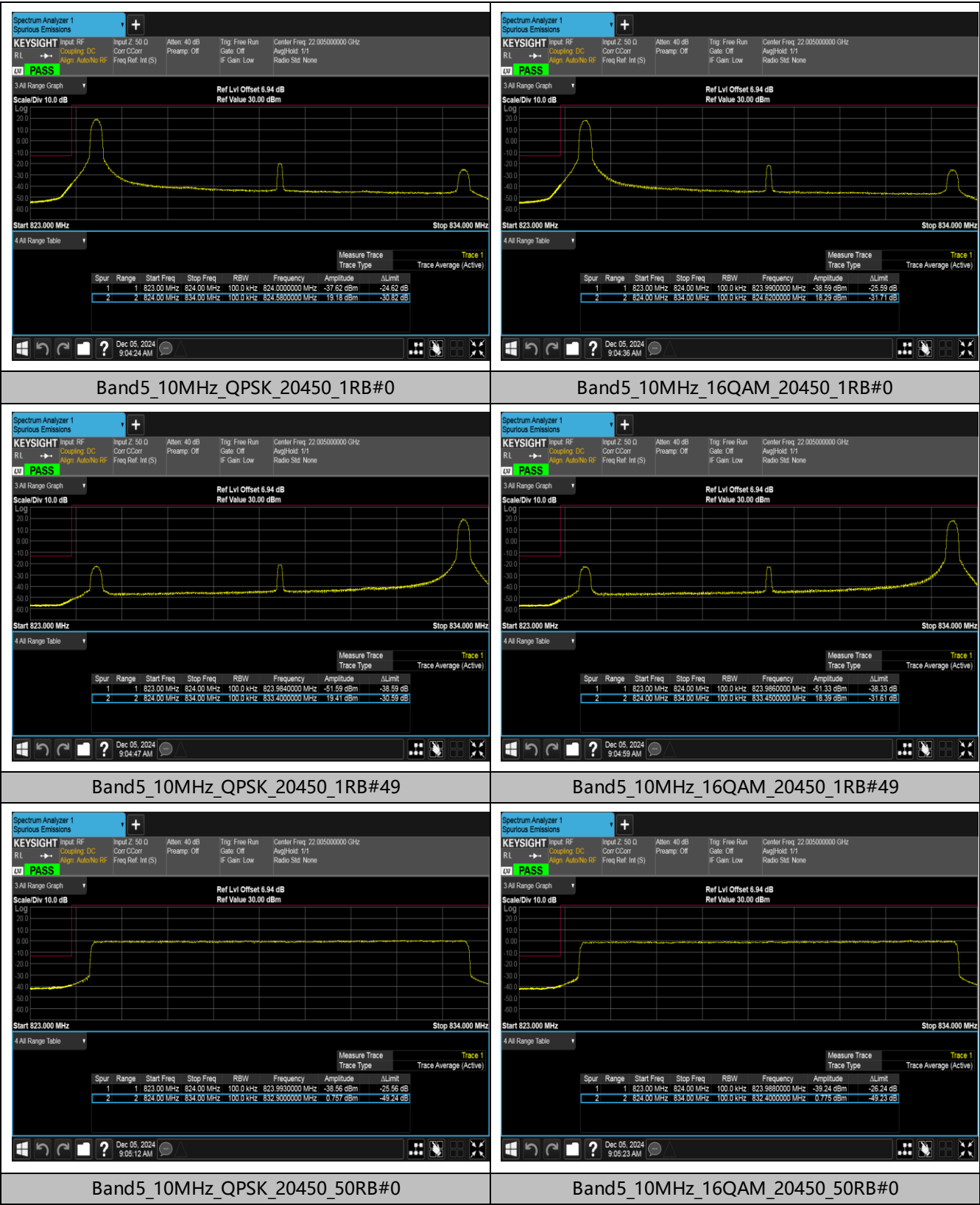


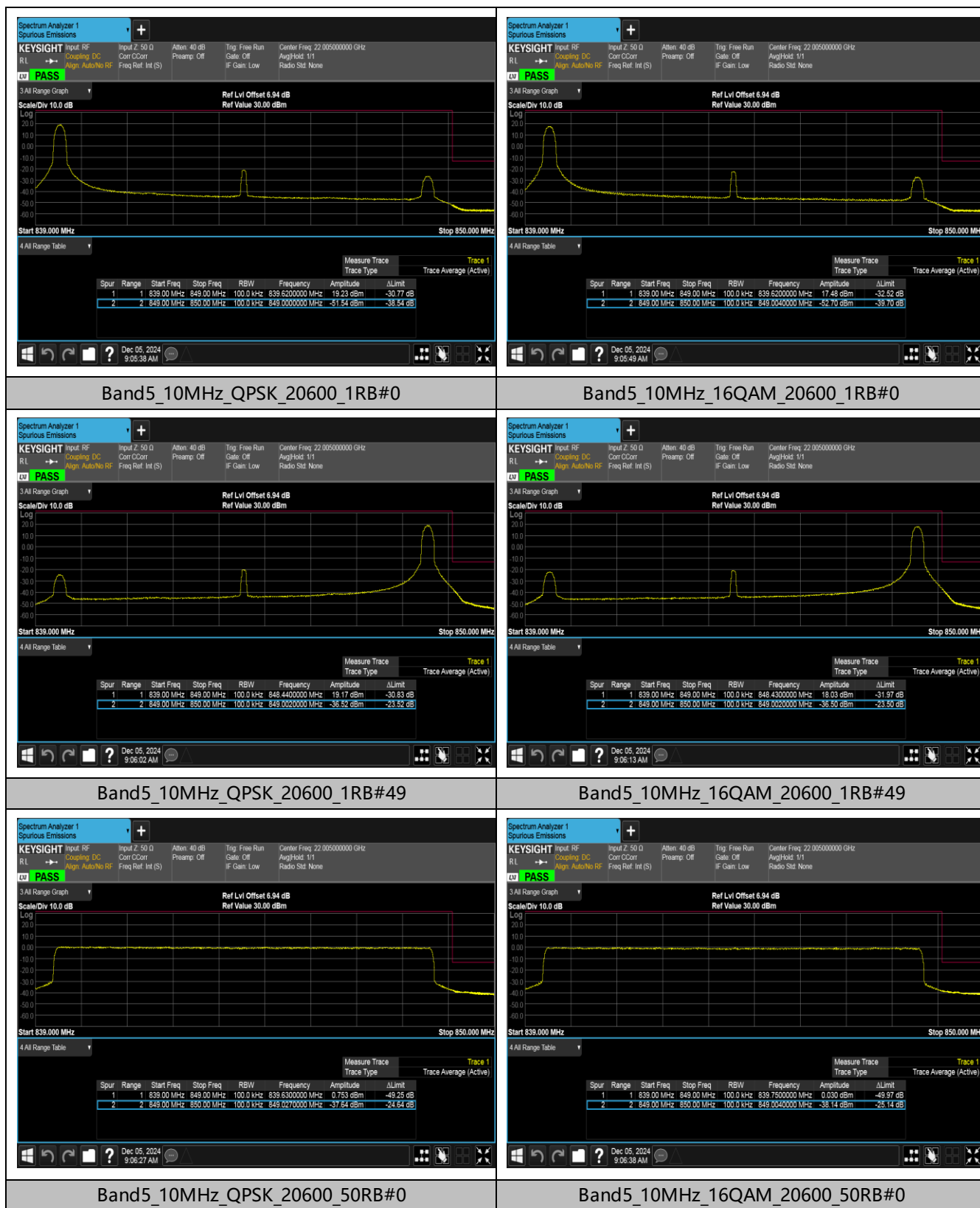












Appendix E: Unwanted spurious emissions at antenna terminals

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-55.60	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-59.28	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-57.28	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-45.27	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-46.14	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-54.87	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-59.57	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-57.49	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-43.20	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-45.83	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	0.009~0.15	-54.92	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	0.15~30	-60.03	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	30~1000	-56.39	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	1000~3000	-45.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	3000~10000	-45.75	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	0.009~0.15	-54.86	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	0.15~30	-56.90	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	30~1000	-51.57	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	1000~3000	-46.62	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	3000~10000	-45.57	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.009~0.15	-56.81	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-60.10	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-48.79	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-47.38	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-45.89	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-54.31	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-60.04	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-54.10	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-47.49	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-45.70	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-55.18	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-59.82	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-58.42	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-46.16	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-45.64	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-54.47	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-59.44	PASS

Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-54.74	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-47.63	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-45.56	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	0.009~0.15	-55.25	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	0.15~30	-59.91	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	30~1000	-52.54	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	1000~3000	-45.64	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	3000~10000	-45.69	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	0.009~0.15	-53.21	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	0.15~30	-60.90	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	30~1000	-57.44	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	1000~3000	-45.25	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	3000~10000	-45.68	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-55.76	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-58.13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-54.05	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-44.31	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-45.67	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0.15	-53.32	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-58.59	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-53.32	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~3000	-47.51	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10000	-45.66	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-56.11	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-60.39	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-44.63	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-44.16	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-45.33	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-51.95	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-59.65	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-46.97	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-41.95	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-45.82	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	0.009~0.15	-53.77	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	0.15~30	-58.13	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	30~1000	-44.46	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	1000~3000	-44.78	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	3000~10000	-45.39	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	0.009~0.15	-55.50	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	0.15~30	-62.14	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	30~1000	-45.79	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	1000~3000	-42.48	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	3000~10000	-45.45	PASS

Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0.15	-54.99	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-61.07	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-48.11	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~3000	-46.68	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10000	-45.44	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-55.94	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-59.18	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-49.77	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-47.17	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-45.42	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-53.12	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-60.19	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-54.57	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-46.69	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-45.29	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-55.31	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-59.67	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-52.43	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-42.73	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-45.81	PASS
Band5	3MHz	QPSK	20415	1RB#14	0.009~0.15	-55.22	PASS
Band5	3MHz	QPSK	20415	1RB#14	0.15~30	-61.14	PASS
Band5	3MHz	QPSK	20415	1RB#14	30~1000	-54.20	PASS
Band5	3MHz	QPSK	20415	1RB#14	1000~3000	-44.38	PASS
Band5	3MHz	QPSK	20415	1RB#14	3000~10000	-45.63	PASS
Band5	3MHz	16QAM	20415	1RB#14	0.009~0.15	-55.48	PASS
Band5	3MHz	16QAM	20415	1RB#14	0.15~30	-59.94	PASS
Band5	3MHz	16QAM	20415	1RB#14	30~1000	-51.92	PASS
Band5	3MHz	16QAM	20415	1RB#14	1000~3000	-44.61	PASS
Band5	3MHz	16QAM	20415	1RB#14	3000~10000	-45.54	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-54.40	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-62.92	PASS
Band5	3MHz	QPSK	20415	15RB#0	30~1000	-51.76	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-48.17	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-45.67	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-53.72	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-59.99	PASS
Band5	3MHz	16QAM	20415	15RB#0	30~1000	-52.69	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-48.25	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-45.55	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-53.95	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-59.61	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-54.04	PASS

Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-45.22	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-45.57	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-53.42	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-59.63	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-53.76	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-44.79	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-45.44	PASS
Band5	3MHz	QPSK	20525	1RB#14	0.009~0.15	-54.66	PASS
Band5	3MHz	QPSK	20525	1RB#14	0.15~30	-59.86	PASS
Band5	3MHz	QPSK	20525	1RB#14	30~1000	-54.30	PASS
Band5	3MHz	QPSK	20525	1RB#14	1000~3000	-42.57	PASS
Band5	3MHz	QPSK	20525	1RB#14	3000~10000	-45.42	PASS
Band5	3MHz	16QAM	20525	1RB#14	0.009~0.15	-53.60	PASS
Band5	3MHz	16QAM	20525	1RB#14	0.15~30	-59.80	PASS
Band5	3MHz	16QAM	20525	1RB#14	30~1000	-56.11	PASS
Band5	3MHz	16QAM	20525	1RB#14	1000~3000	-44.03	PASS
Band5	3MHz	16QAM	20525	1RB#14	3000~10000	-45.46	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.009~0.15	-54.44	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.15~30	-60.00	PASS
Band5	3MHz	QPSK	20525	15RB#0	30~1000	-52.29	PASS
Band5	3MHz	QPSK	20525	15RB#0	1000~3000	-48.05	PASS
Band5	3MHz	QPSK	20525	15RB#0	3000~10000	-45.23	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.009~0.15	-55.27	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.15~30	-59.96	PASS
Band5	3MHz	16QAM	20525	15RB#0	30~1000	-52.06	PASS
Band5	3MHz	16QAM	20525	15RB#0	1000~3000	-42.00	PASS
Band5	3MHz	16QAM	20525	15RB#0	3000~10000	-45.70	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-54.90	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-60.98	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-54.13	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-42.46	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-45.64	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-55.04	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-59.56	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-52.78	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-42.94	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-45.59	PASS
Band5	3MHz	QPSK	20635	1RB#14	0.009~0.15	-52.86	PASS
Band5	3MHz	QPSK	20635	1RB#14	0.15~30	-59.22	PASS
Band5	3MHz	QPSK	20635	1RB#14	30~1000	-47.09	PASS
Band5	3MHz	QPSK	20635	1RB#14	1000~3000	-45.46	PASS
Band5	3MHz	QPSK	20635	1RB#14	3000~10000	-45.42	PASS
Band5	3MHz	16QAM	20635	1RB#14	0.009~0.15	-54.82	PASS