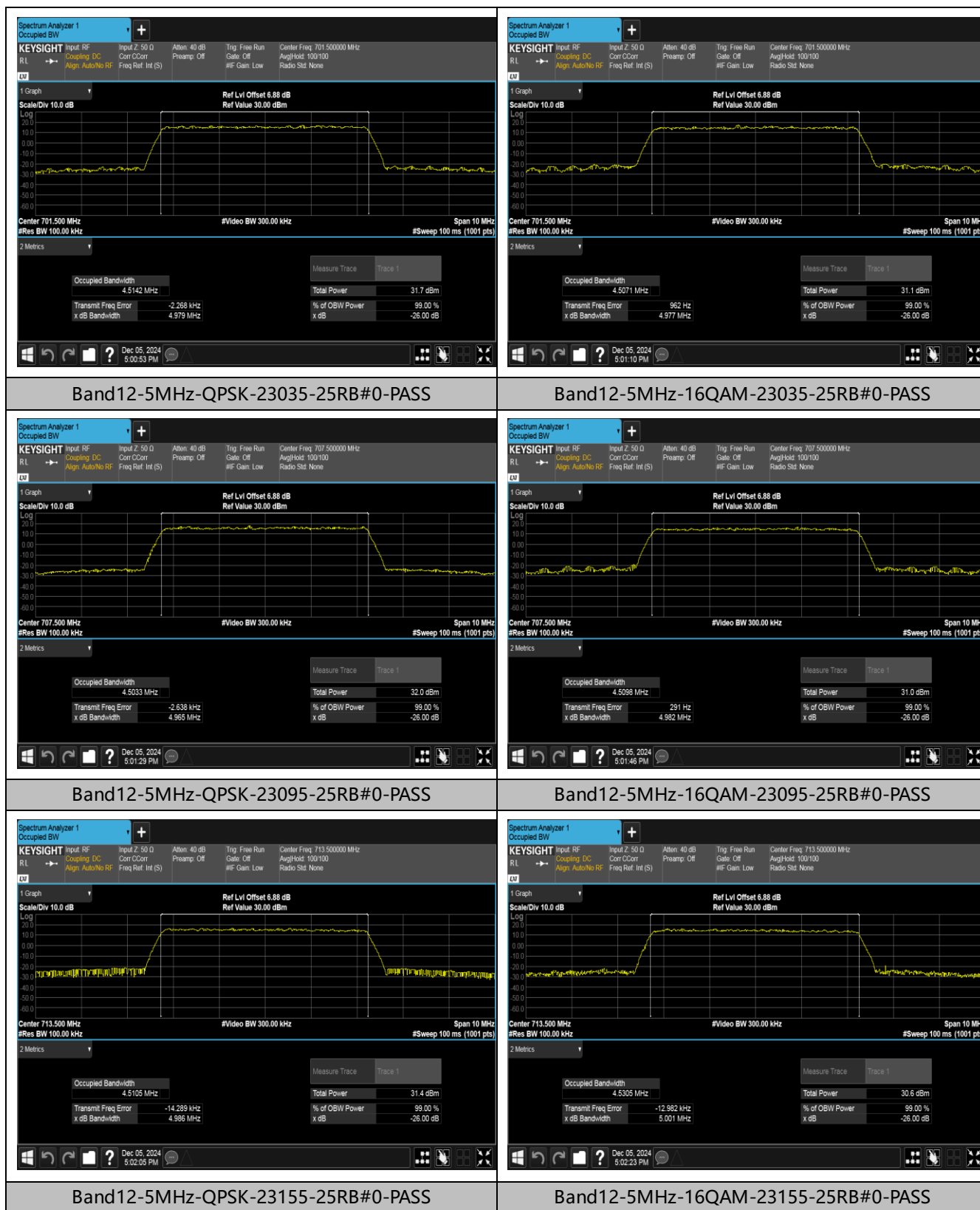
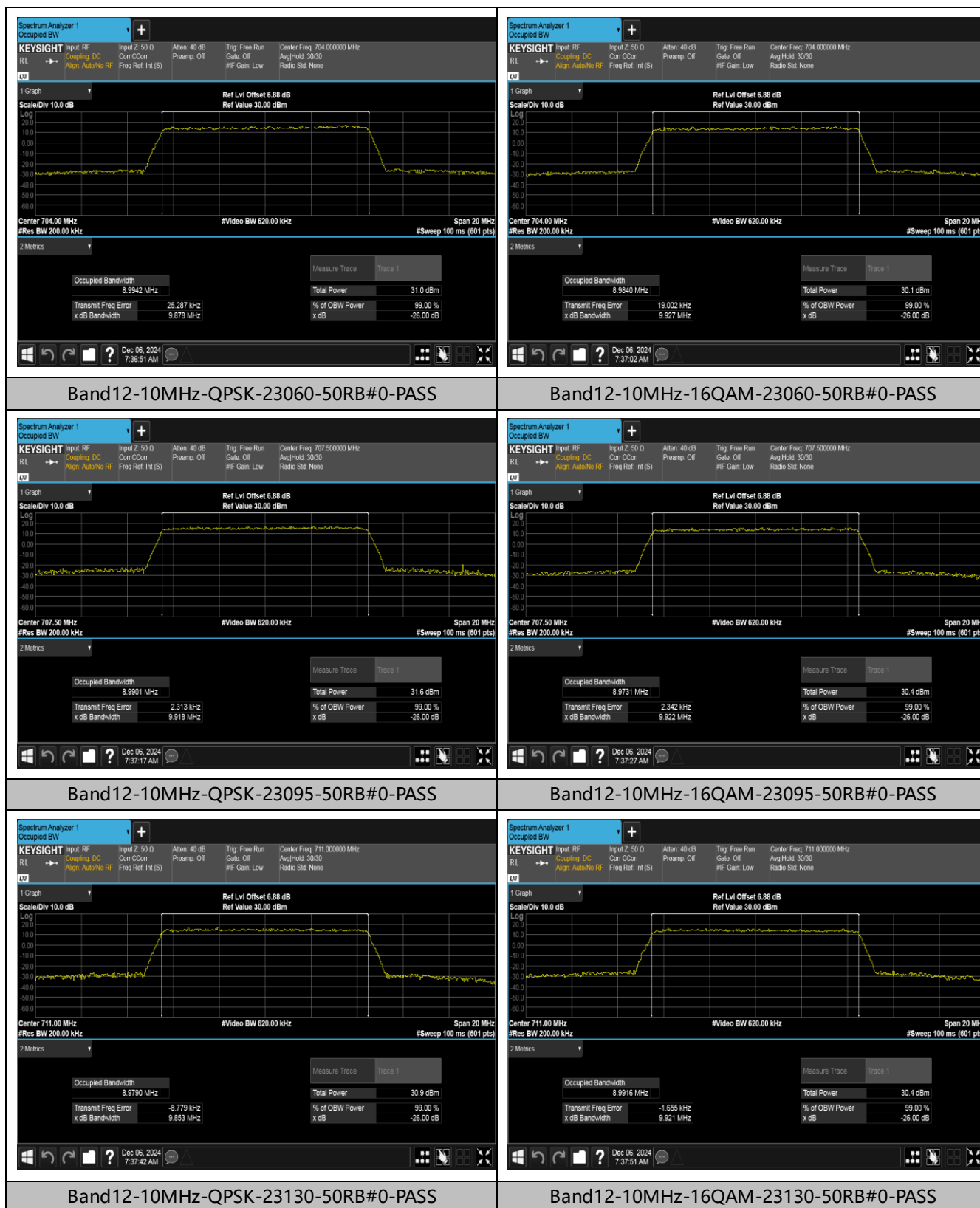






Appendix D:Band edge emissions

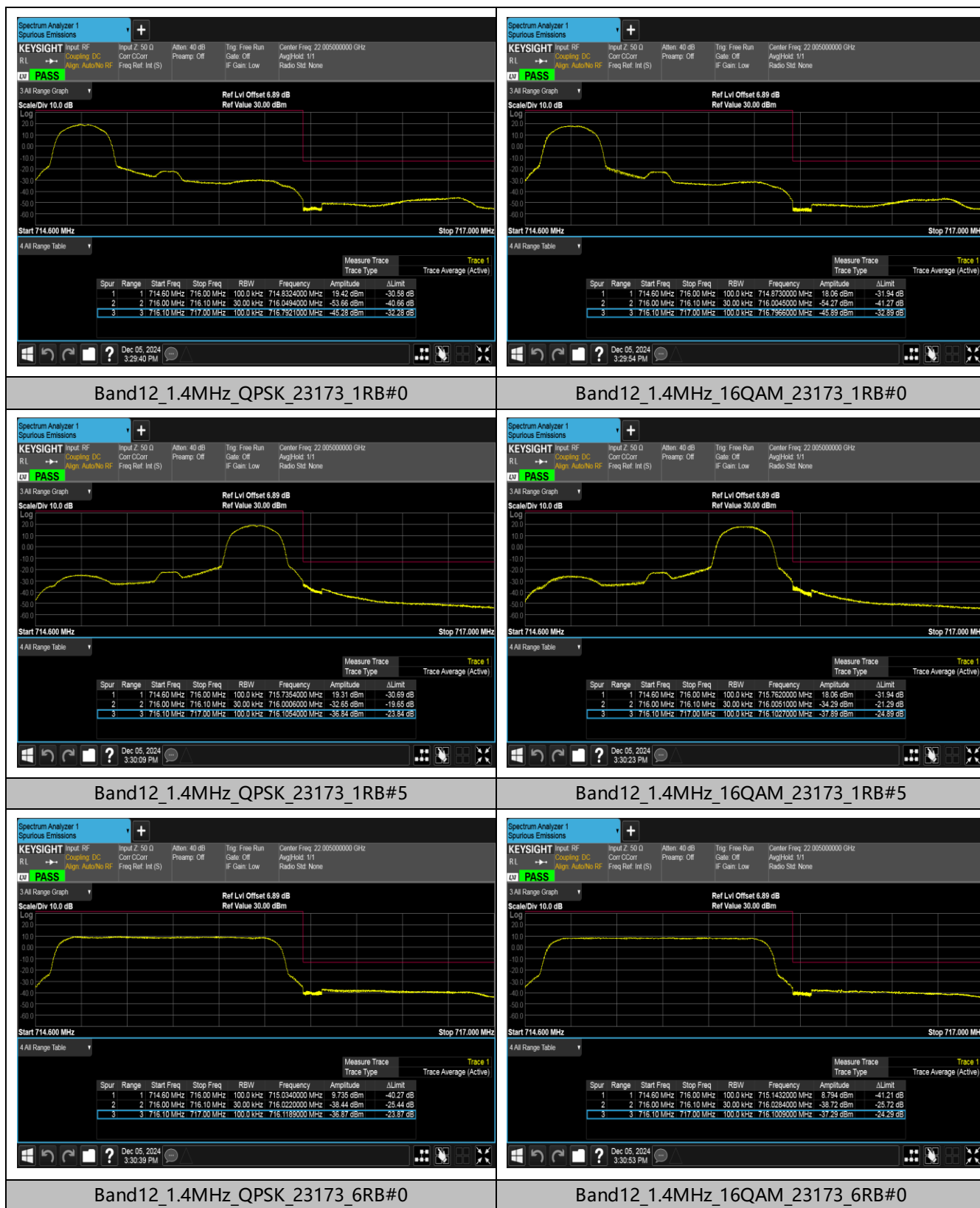
Test Result

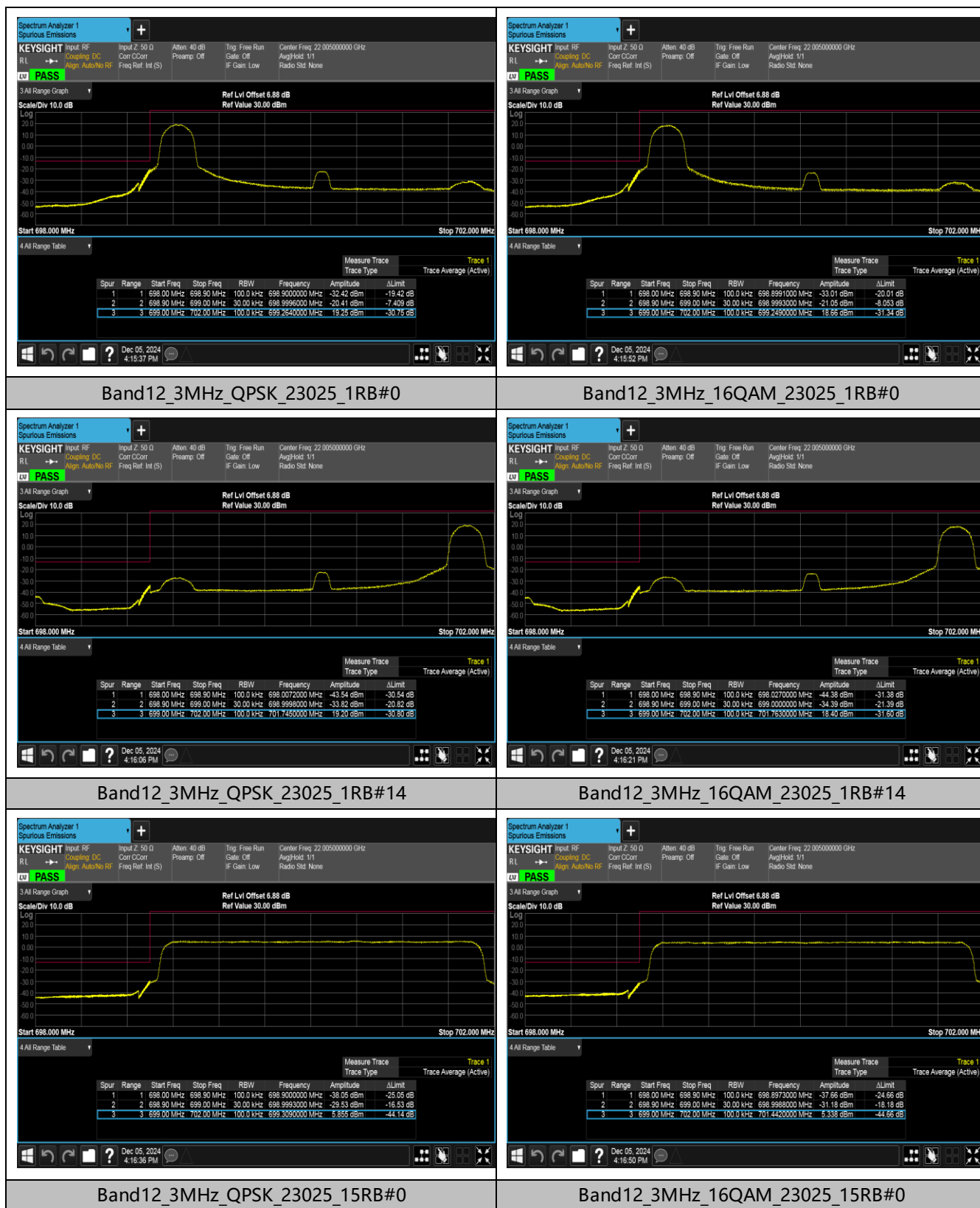
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-34.26	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-34.31	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-38.65	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-38.33	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-38.43	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-36.16	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-45.28	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-45.89	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-32.65	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-34.29	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-36.87	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-37.29	PASS
Band12	3MHz	QPSK	23025	1RB#0	-20.41	PASS
Band12	3MHz	16QAM	23025	1RB#0	-21.05	PASS
Band12	3MHz	QPSK	23025	1RB#14	-33.82	PASS
Band12	3MHz	16QAM	23025	1RB#14	-34.39	PASS
Band12	3MHz	QPSK	23025	15RB#0	-29.53	PASS
Band12	3MHz	16QAM	23025	15RB#0	-31.18	PASS
Band12	3MHz	QPSK	23165	1RB#0	-35.63	PASS
Band12	3MHz	16QAM	23165	1RB#0	-37.06	PASS
Band12	3MHz	QPSK	23165	1RB#14	-20.47	PASS
Band12	3MHz	16QAM	23165	1RB#14	-22.78	PASS
Band12	3MHz	QPSK	23165	15RB#0	-30.64	PASS
Band12	3MHz	16QAM	23165	15RB#0	-32.65	PASS
Band12	5MHz	QPSK	23035	1RB#0	-28.95	PASS
Band12	5MHz	16QAM	23035	1RB#0	-29.89	PASS
Band12	5MHz	QPSK	23035	1RB#24	-45.52	PASS
Band12	5MHz	16QAM	23035	1RB#24	-46.72	PASS
Band12	5MHz	QPSK	23035	25RB#0	-38.18	PASS
Band12	5MHz	16QAM	23035	25RB#0	-38.22	PASS
Band12	5MHz	QPSK	23155	1RB#0	-45.68	PASS
Band12	5MHz	16QAM	23155	1RB#0	-48.62	PASS
Band12	5MHz	QPSK	23155	1RB#24	-28.18	PASS
Band12	5MHz	16QAM	23155	1RB#24	-28.46	PASS
Band12	5MHz	QPSK	23155	25RB#0	-38.79	PASS
Band12	5MHz	16QAM	23155	25RB#0	-40.14	PASS
Band12	10MHz	QPSK	23060	1RB#0	-35.34	PASS
Band12	10MHz	16QAM	23060	1RB#0	-35.66	PASS

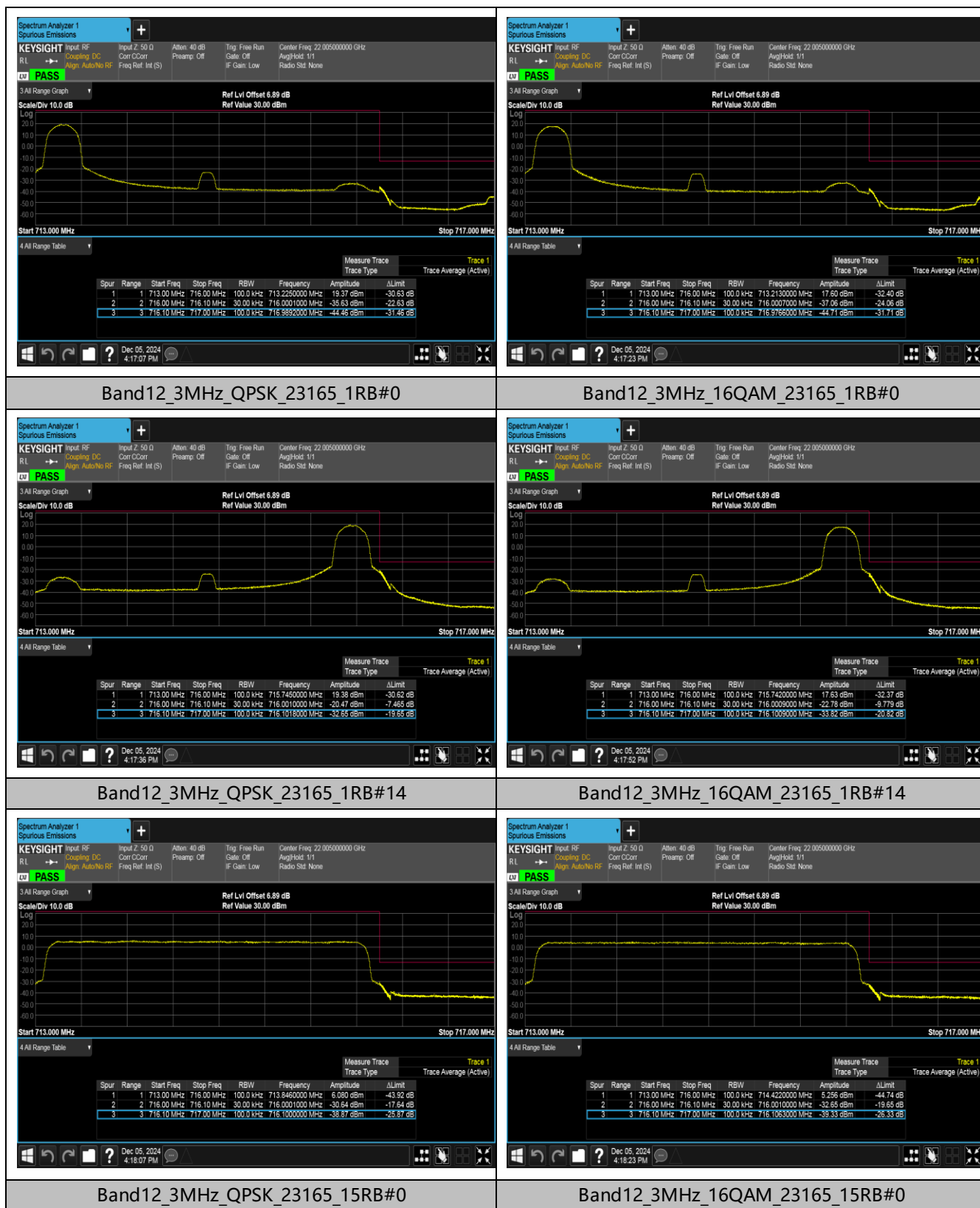
Band12	10MHz	QPSK	23060	1RB#49	-52.83	PASS
Band12	10MHz	16QAM	23060	1RB#49	-52.67	PASS
Band12	10MHz	QPSK	23060	50RB#0	-45.00	PASS
Band12	10MHz	16QAM	23060	50RB#0	-46.02	PASS
Band12	10MHz	QPSK	23130	1RB#0	-53.11	PASS
Band12	10MHz	16QAM	23130	1RB#0	-53.41	PASS
Band12	10MHz	QPSK	23130	1RB#49	-35.86	PASS
Band12	10MHz	16QAM	23130	1RB#49	-35.87	PASS
Band12	10MHz	QPSK	23130	50RB#0	-45.76	PASS
Band12	10MHz	16QAM	23130	50RB#0	-45.59	PASS

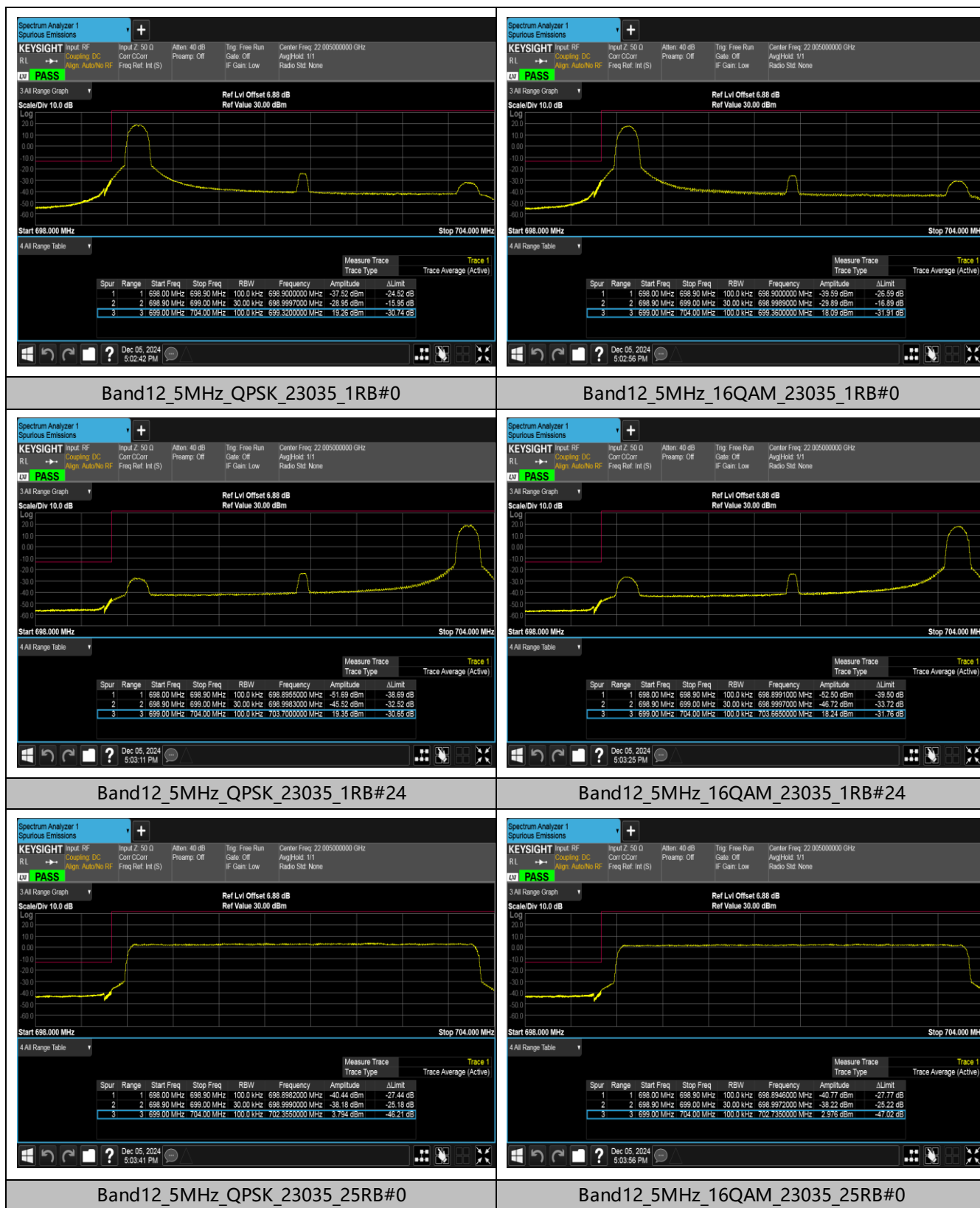
Test Graphs

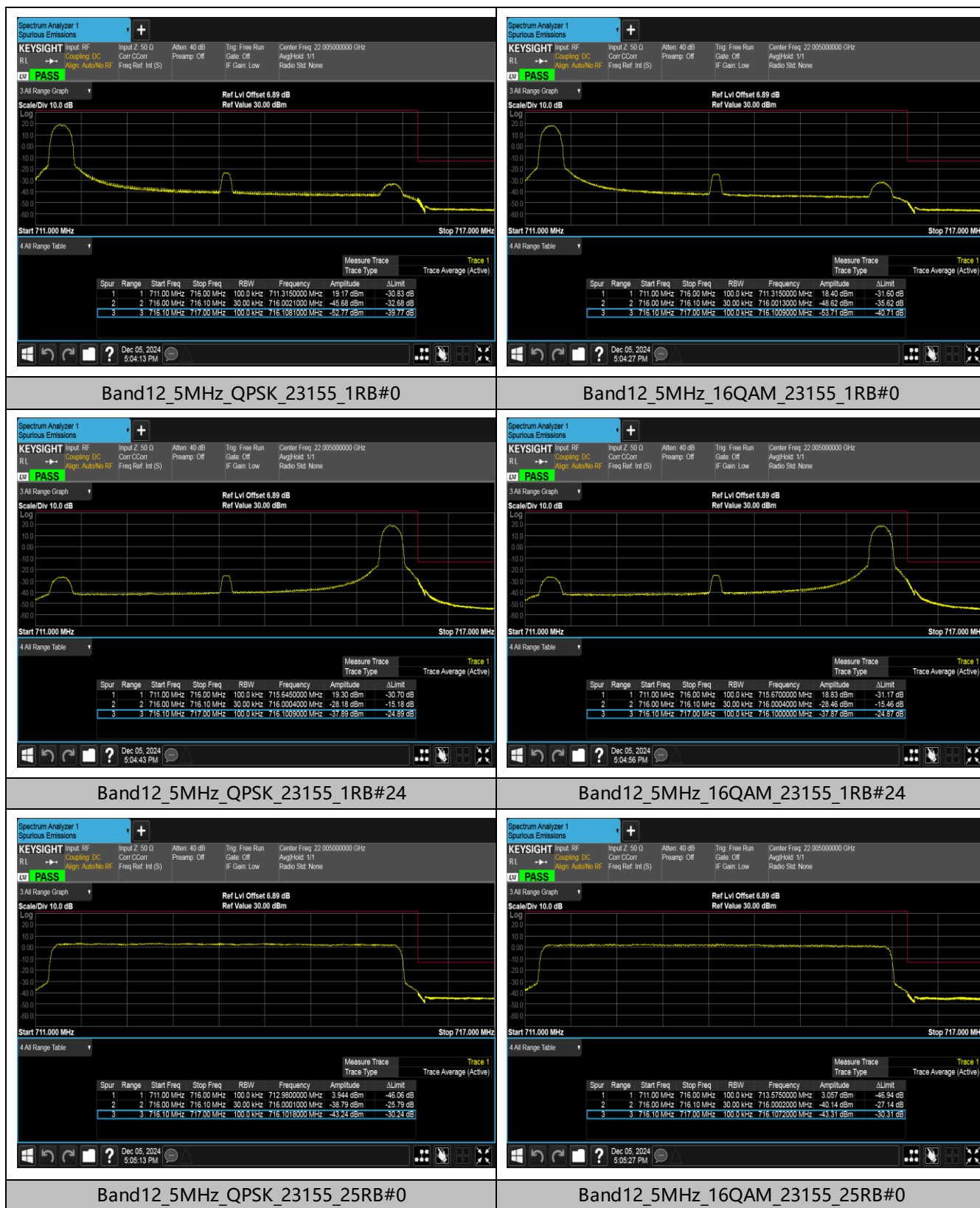


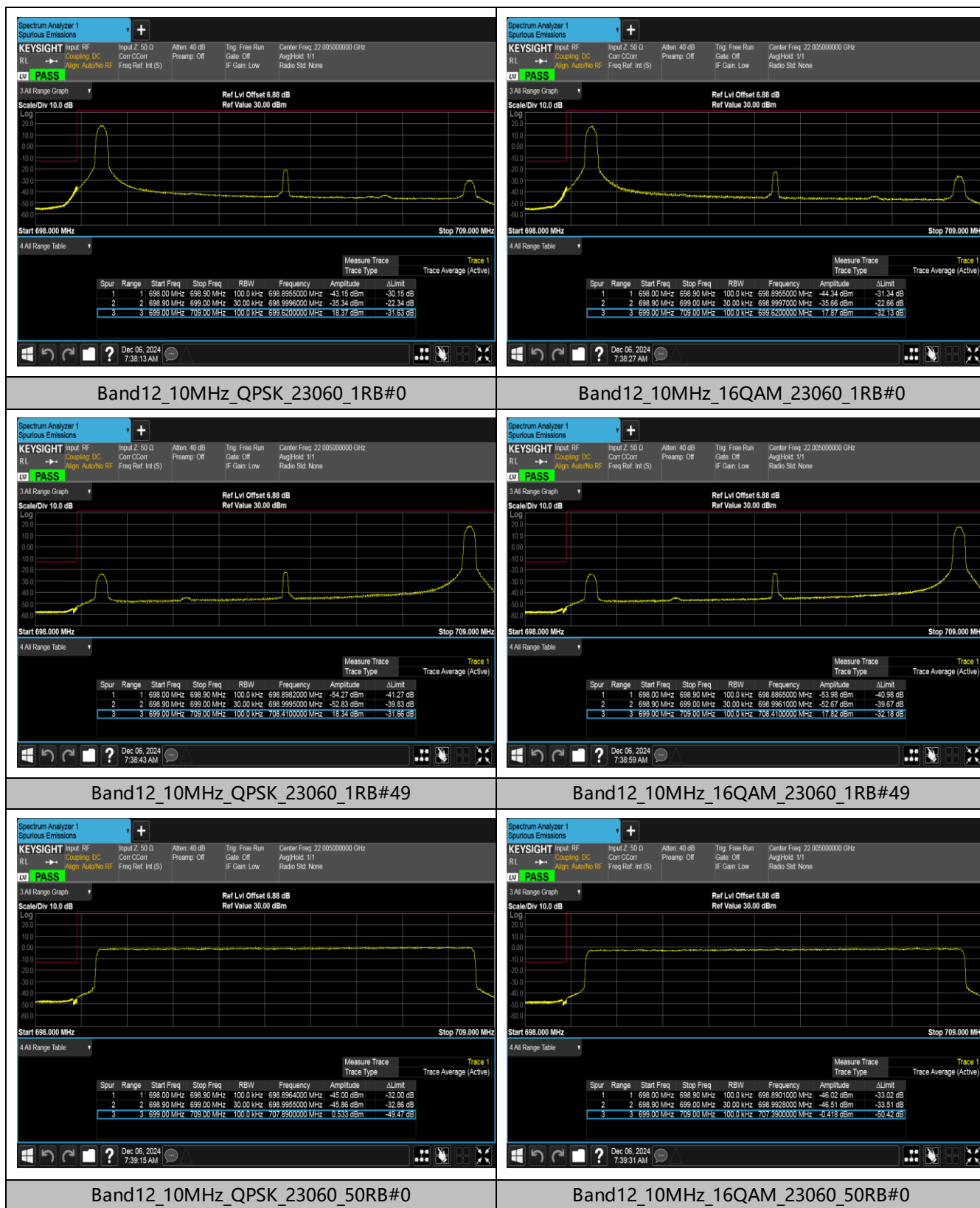


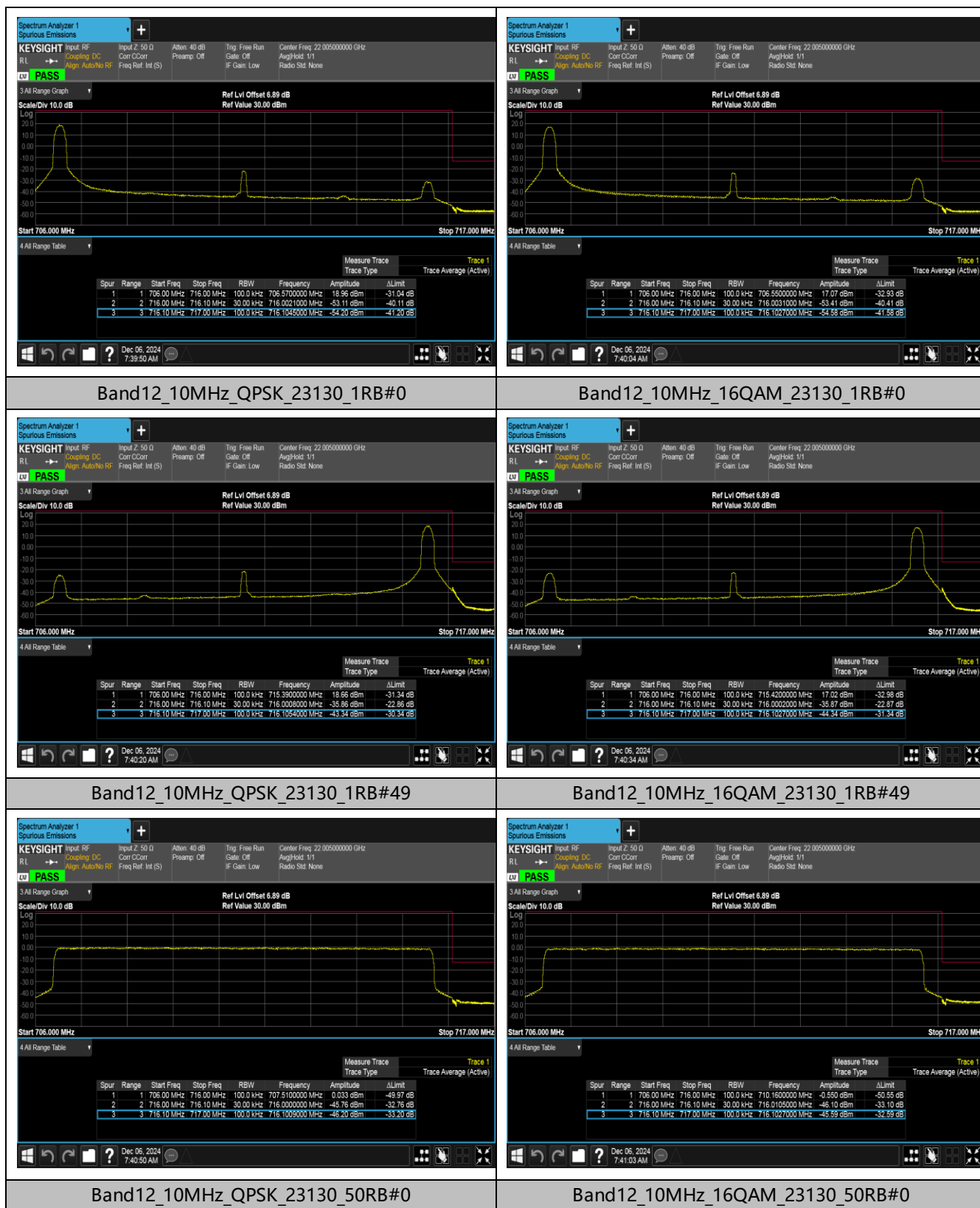












Appendix E: Unwanted spurious emissions at antenna terminals

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	0.009~0.15	-55.62	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-58.26	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-54.16	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-43.76	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-45.15	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-52.33	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-60.02	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-50.52	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-44.17	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-45.07	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	0.009~0.15	-54.32	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	0.15~30	-60.03	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	30~1000	-55.21	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	1000~3000	-44.70	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	3000~10000	-45.30	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	0.009~0.15	-55.34	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	0.15~30	-58.56	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	30~1000	-50.62	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	1000~3000	-46.76	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	3000~10000	-45.62	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	0.009~0.15	-54.50	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	0.15~30	-59.92	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	30~1000	-53.95	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1000~3000	-47.13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	3000~10000	-45.19	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.009~0.15	-54.08	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.15~30	-62.67	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	30~1000	-48.97	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1000~3000	-47.20	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	3000~10000	-45.26	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-55.76	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-59.89	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-52.64	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-39.93	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-45.44	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-54.57	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-61.73	PASS

Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-53.64	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-39.31	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-45.39	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	0.009~0.15	-54.87	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	0.15~30	-60.18	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	30~1000	-52.66	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	1000~3000	-40.04	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	3000~10000	-44.80	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	0.009~0.15	-53.23	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	0.15~30	-59.09	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	30~1000	-55.63	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	1000~3000	-37.70	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	3000~10000	-44.93	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.009~0.15	-56.03	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.15~30	-60.02	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	30~1000	-55.12	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1000~3000	-40.93	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	3000~10000	-45.33	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.009~0.15	-54.88	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.15~30	-60.22	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	30~1000	-49.80	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1000~3000	-42.29	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	3000~10000	-45.01	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-55.25	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-59.02	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-54.55	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-47.69	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-45.69	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-53.41	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-57.68	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-50.98	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-48.00	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-45.43	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	0.009~0.15	-55.32	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	0.15~30	-61.98	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	30~1000	-51.76	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	1000~3000	-41.53	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	3000~10000	-44.95	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	0.009~0.15	-54.28	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	0.15~30	-59.31	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	30~1000	-52.62	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	1000~3000	-47.46	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	3000~10000	-45.60	PASS

Band12	1.4MHz	QPSK	23173	6RB#0	0.009~0.15	-56.06	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.15~30	-58.64	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	30~1000	-52.47	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1000~3000	-47.72	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	3000~10000	-45.55	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.009~0.15	-56.82	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.15~30	-58.43	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	30~1000	-55.21	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1000~3000	-45.35	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	3000~10000	-45.55	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-54.32	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-59.96	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-60.02	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-44.13	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-45.23	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-53.71	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-60.23	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-60.71	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-43.98	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-45.32	PASS
Band12	3MHz	QPSK	23025	1RB#14	0.009~0.15	-52.54	PASS
Band12	3MHz	QPSK	23025	1RB#14	0.15~30	-58.97	PASS
Band12	3MHz	QPSK	23025	1RB#14	30~1000	-59.73	PASS
Band12	3MHz	QPSK	23025	1RB#14	1000~3000	-46.78	PASS
Band12	3MHz	QPSK	23025	1RB#14	3000~10000	-44.93	PASS
Band12	3MHz	16QAM	23025	1RB#14	0.009~0.15	-53.88	PASS
Band12	3MHz	16QAM	23025	1RB#14	0.15~30	-59.19	PASS
Band12	3MHz	16QAM	23025	1RB#14	30~1000	-60.53	PASS
Band12	3MHz	16QAM	23025	1RB#14	1000~3000	-46.58	PASS
Band12	3MHz	16QAM	23025	1RB#14	3000~10000	-45.54	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.009~0.15	-52.51	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.15~30	-60.68	PASS
Band12	3MHz	QPSK	23025	15RB#0	30~1000	-53.61	PASS
Band12	3MHz	QPSK	23025	15RB#0	1000~3000	-47.98	PASS
Band12	3MHz	QPSK	23025	15RB#0	3000~10000	-45.36	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.009~0.15	-54.33	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.15~30	-59.80	PASS
Band12	3MHz	16QAM	23025	15RB#0	30~1000	-53.37	PASS
Band12	3MHz	16QAM	23025	15RB#0	1000~3000	-48.06	PASS
Band12	3MHz	16QAM	23025	15RB#0	3000~10000	-45.53	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-54.00	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-59.41	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-61.18	PASS