

FCC Appendix RF Test Data for LTE

FCC ID : 2BRHB-DC10

Company: : Shenzhen SelectCam Technology Co., Ltd.

EUT : 4G Dashcam

Model Number : DC10

Report No. : CTA25072200205

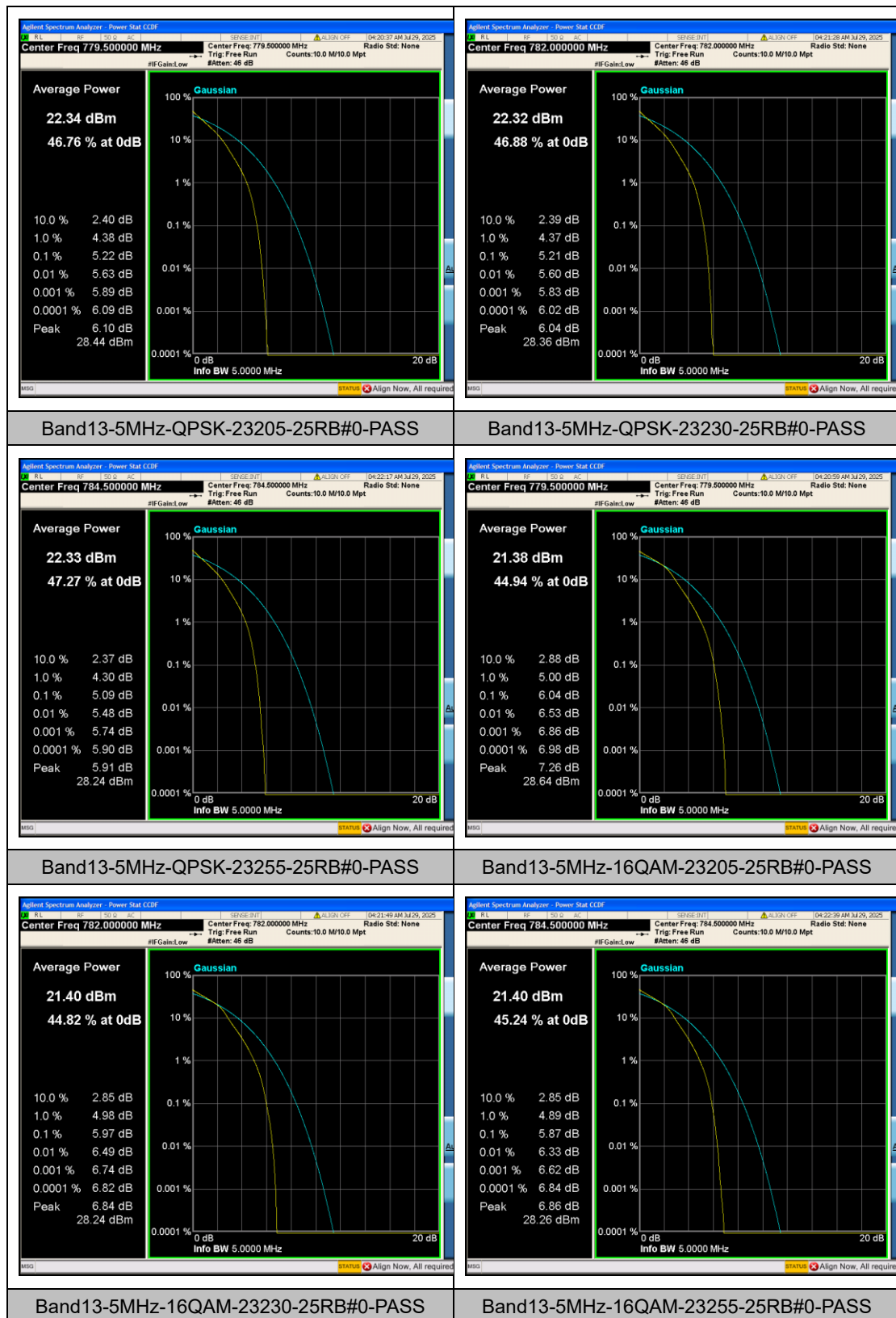
Reviewed By : Eric Wang

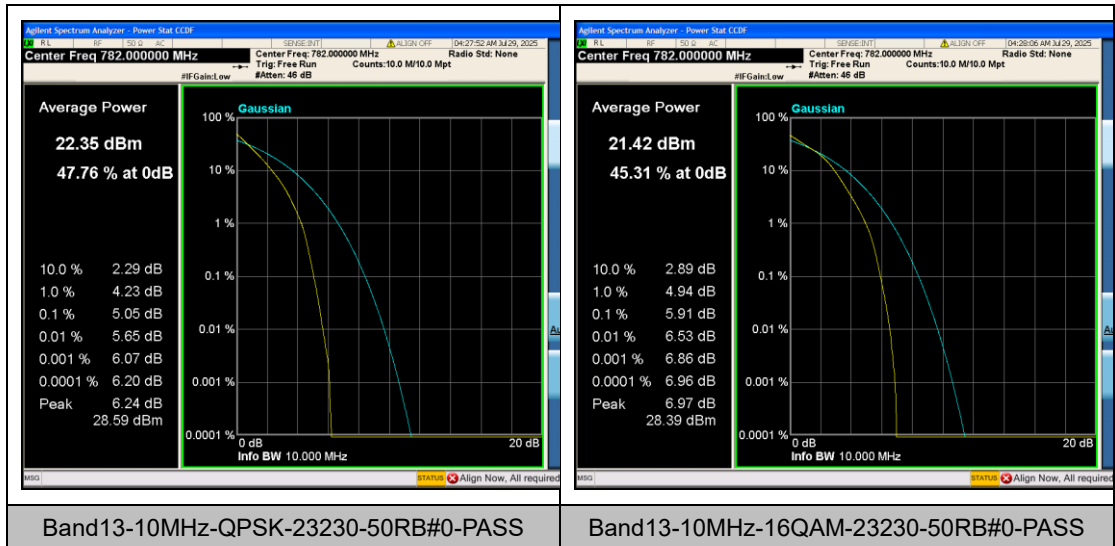
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	5.22	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.21	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.09	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.04	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.97	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	5.87	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.05	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.91	13	PASS

Test Graphs



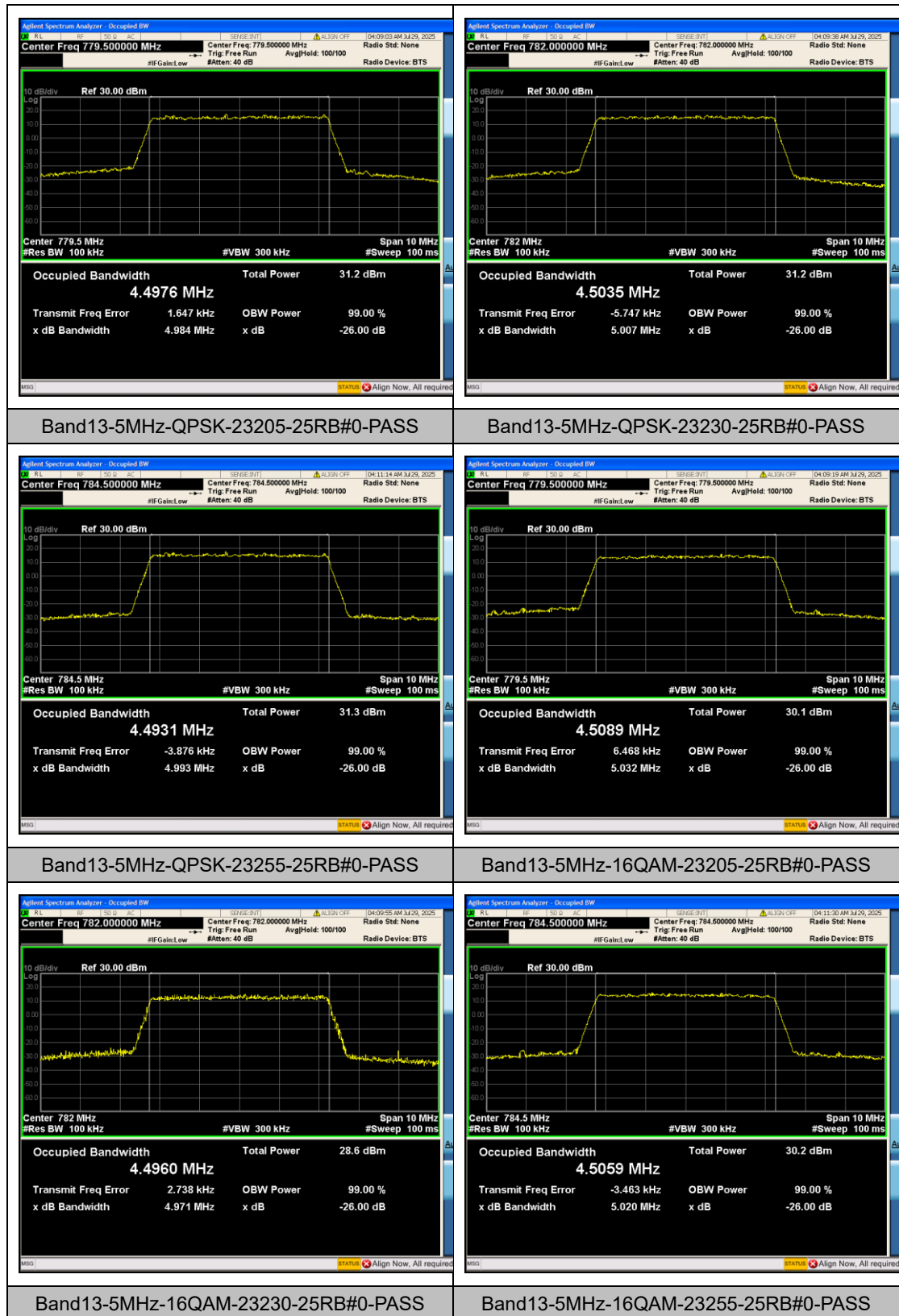


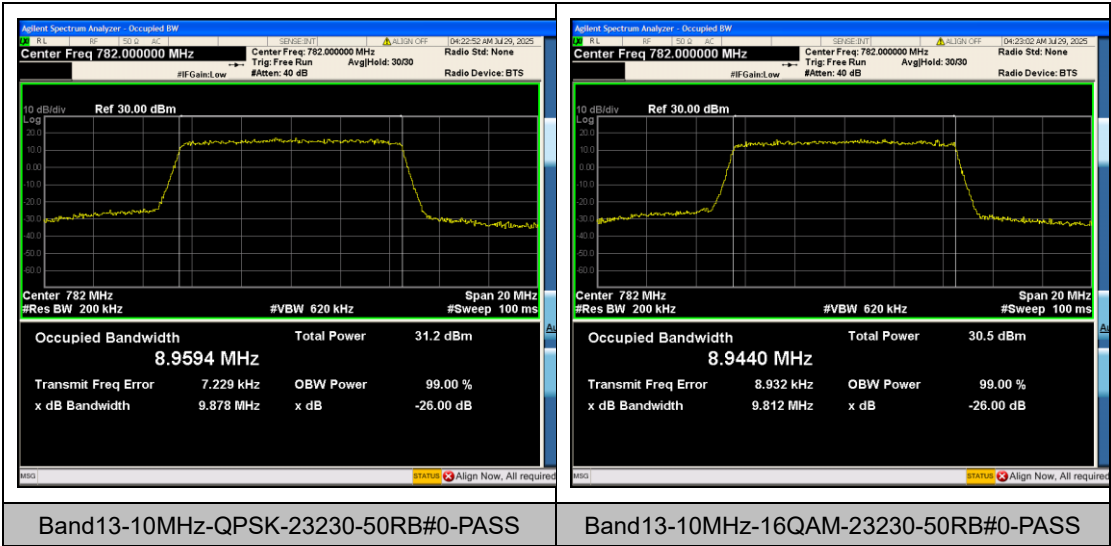
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.4976	4.984	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5035	5.007	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4931	4.993	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5089	5.032	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.4960	4.971	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5059	5.020	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9594	9.878	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9440	9.812	PASS

Test Graphs



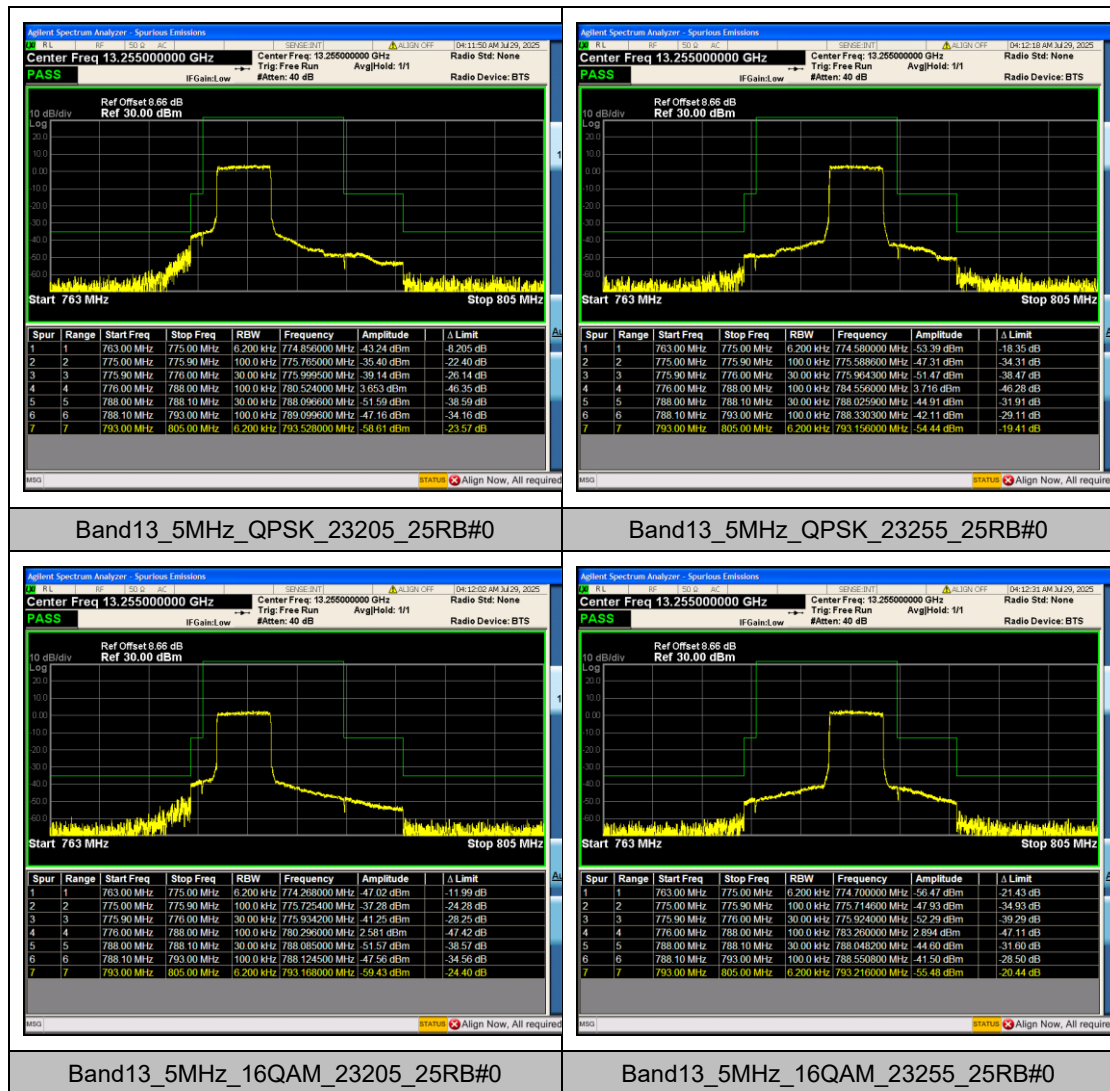


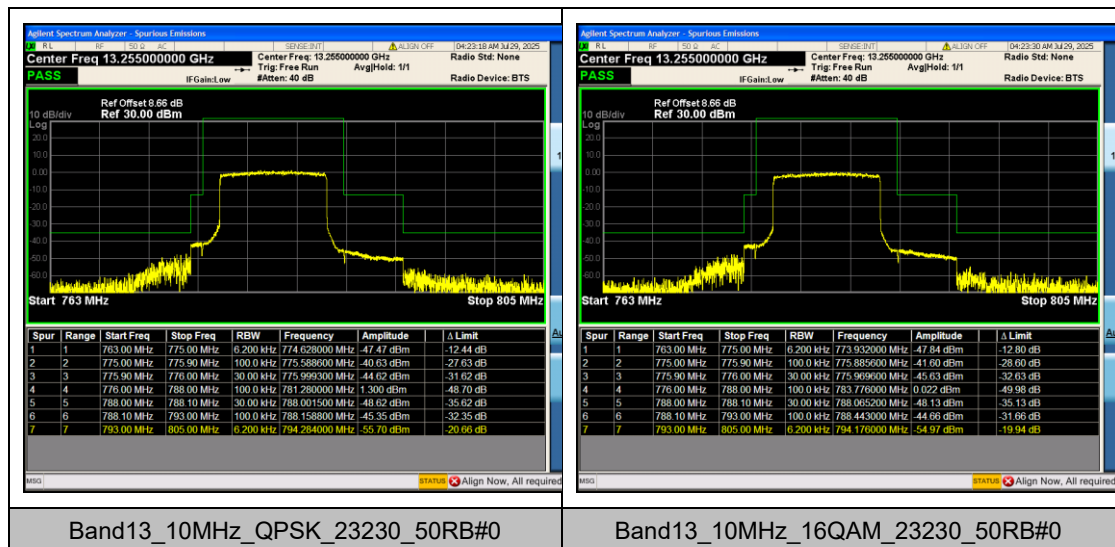
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	-43.24	PASS
Band13	5MHz	QPSK	23255	25RB#0	-53.39	PASS
Band13	5MHz	16QAM	23205	25RB#0	-47.02	PASS
Band13	5MHz	16QAM	23255	25RB#0	-55.48	PASS
Band13	10MHz	QPSK	23230	50RB#0	-47.47	PASS
Band13	10MHz	16QAM	23230	50RB#0	-47.84	PASS

Test Graphs





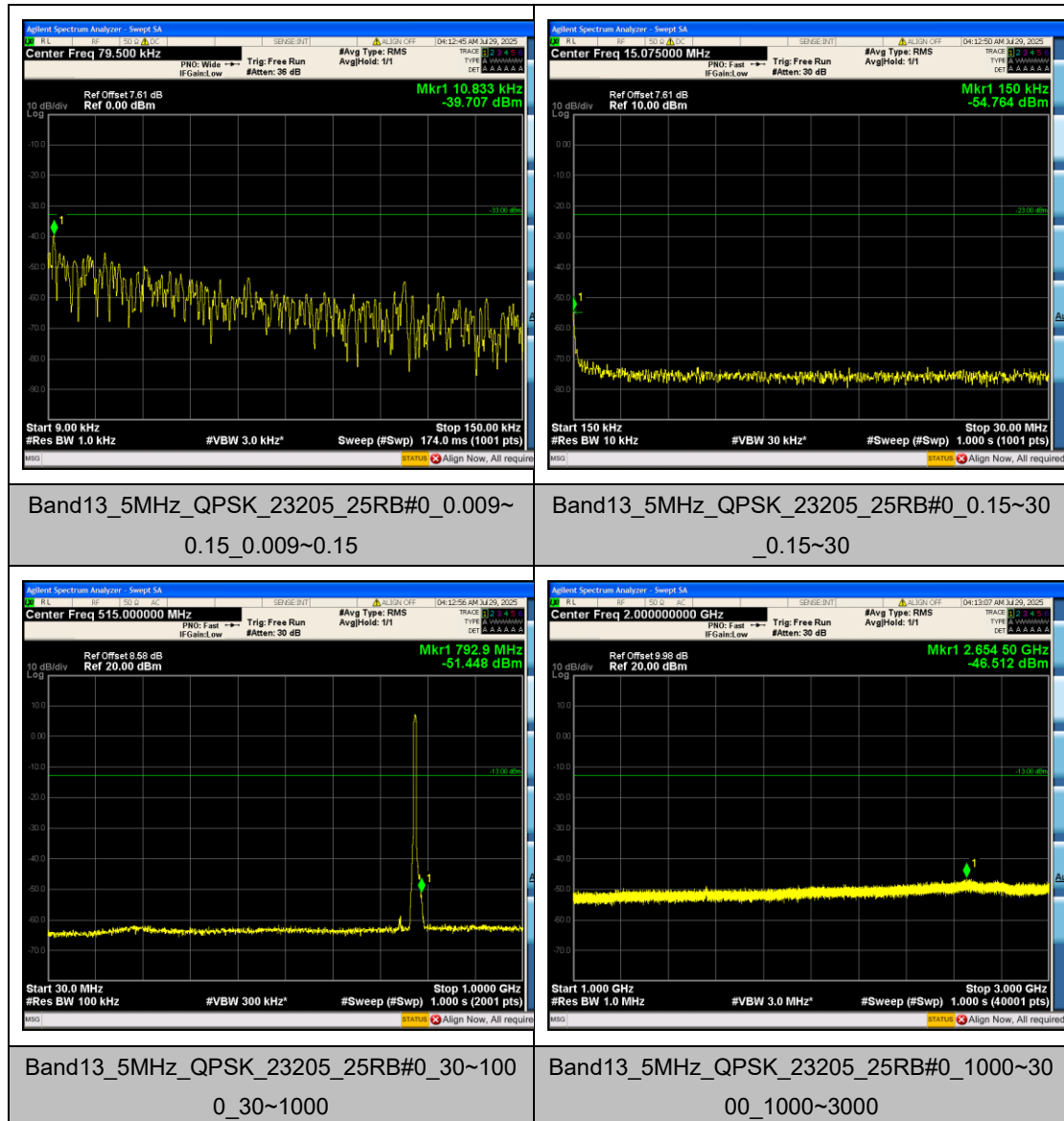
Appendix E: Conducted Spurious Emission

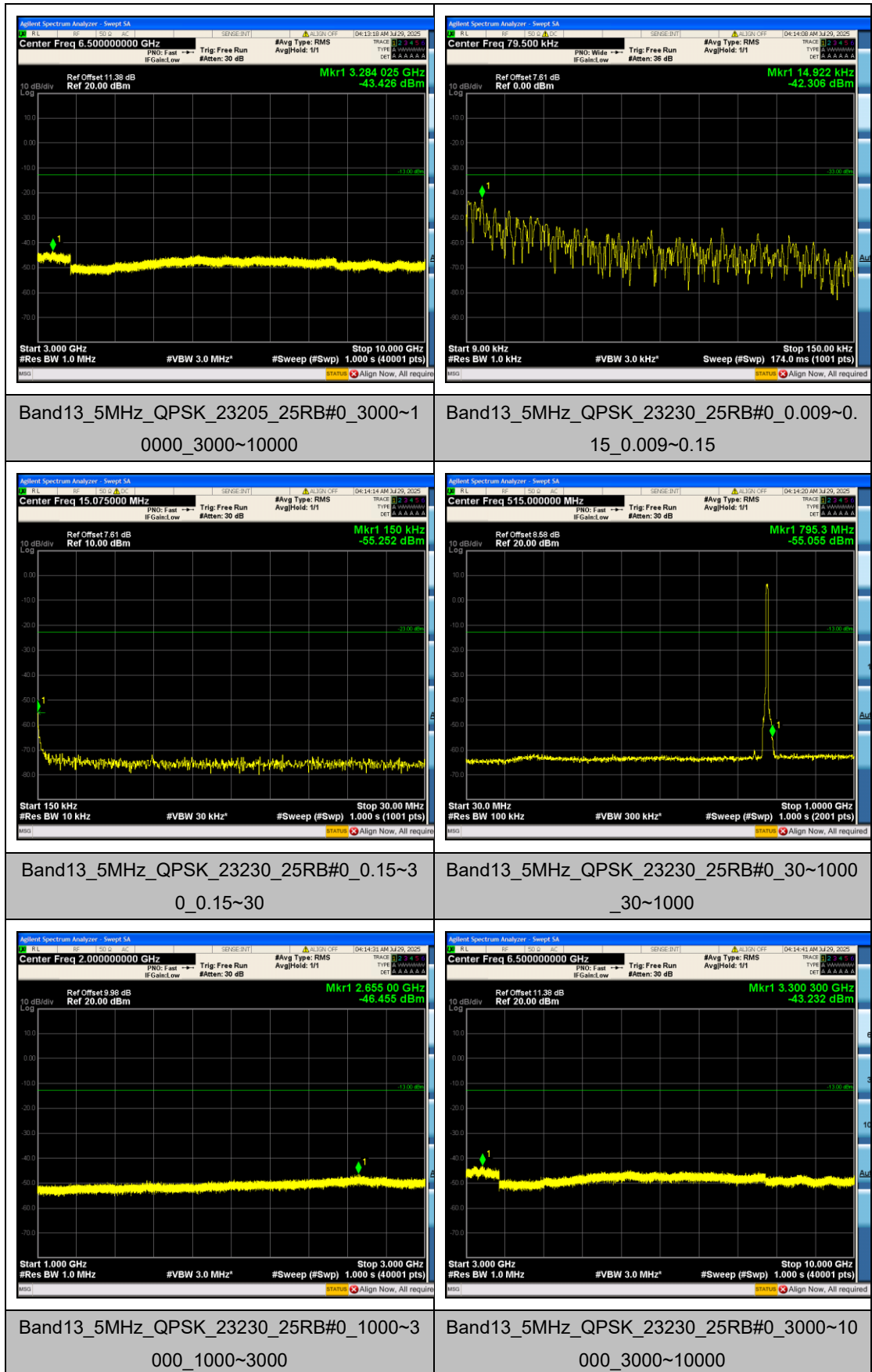
Test Result

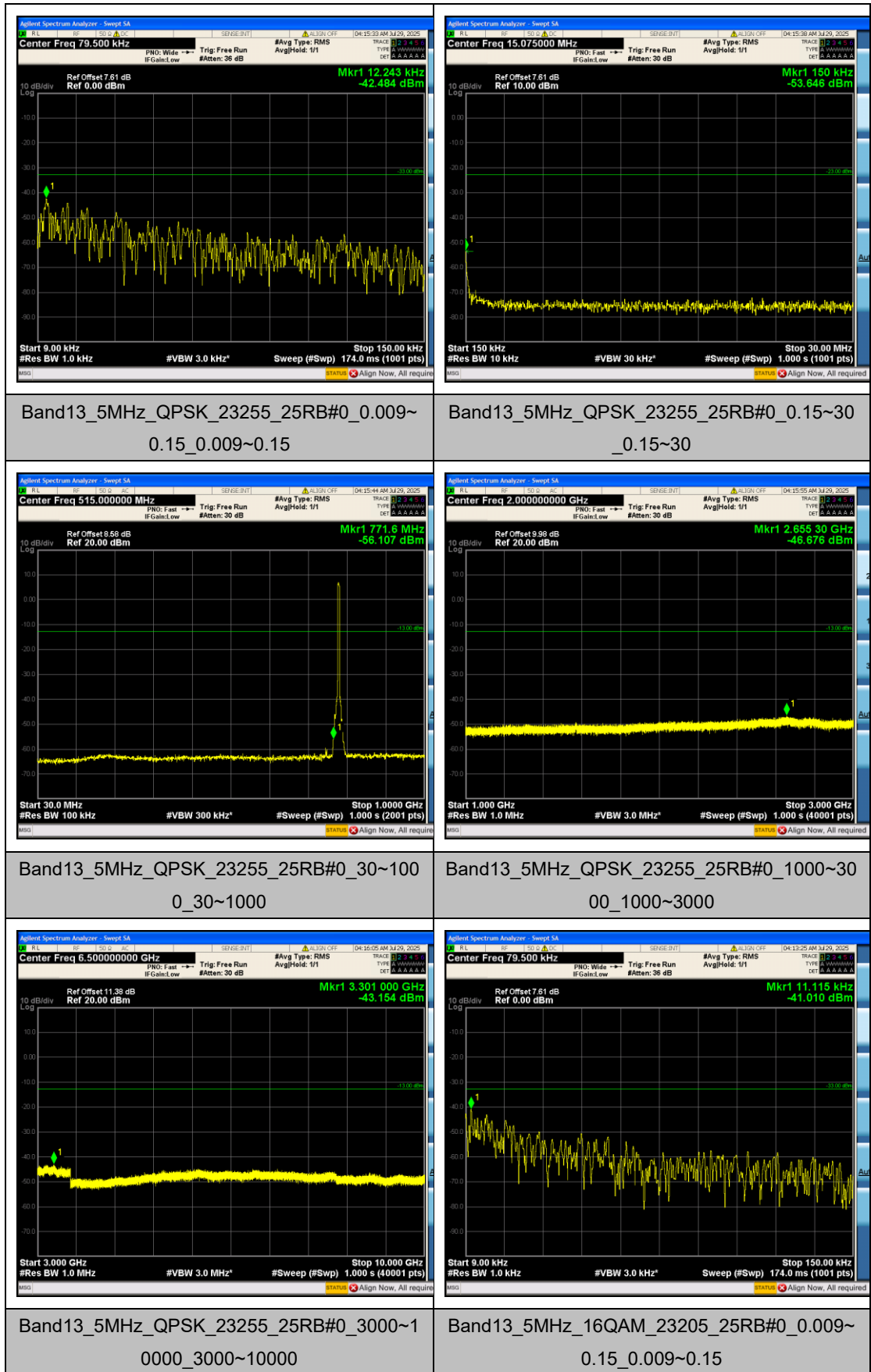
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	0.009~0.15	-39.71	PASS
Band13	5MHz	QPSK	23205	25RB#0	0.15~30	-54.76	PASS
Band13	5MHz	QPSK	23205	25RB#0	30~1000	-51.45	PASS
Band13	5MHz	QPSK	23205	25RB#0	1000~3000	-46.51	PASS
Band13	5MHz	QPSK	23205	25RB#0	3000~10000	-43.43	PASS
Band13	5MHz	QPSK	23230	25RB#0	0.009~0.15	-42.31	PASS
Band13	5MHz	QPSK	23230	25RB#0	0.15~30	-55.25	PASS
Band13	5MHz	QPSK	23230	25RB#0	30~1000	-55.06	PASS
Band13	5MHz	QPSK	23230	25RB#0	1000~3000	-46.46	PASS
Band13	5MHz	QPSK	23230	25RB#0	3000~10000	-43.23	PASS
Band13	5MHz	QPSK	23255	25RB#0	0.009~0.15	-42.48	PASS
Band13	5MHz	QPSK	23255	25RB#0	0.15~30	-53.65	PASS
Band13	5MHz	QPSK	23255	25RB#0	30~1000	-56.11	PASS
Band13	5MHz	QPSK	23255	25RB#0	1000~3000	-46.68	PASS
Band13	5MHz	QPSK	23255	25RB#0	3000~10000	-43.15	PASS
Band13	5MHz	16QAM	23205	25RB#0	0.009~0.15	-41.01	PASS
Band13	5MHz	16QAM	23205	25RB#0	0.15~30	-53.93	PASS
Band13	5MHz	16QAM	23205	25RB#0	30~1000	-53.64	PASS
Band13	5MHz	16QAM	23205	25RB#0	1000~3000	-16.36	PASS
Band13	5MHz	16QAM	23205	25RB#0	3000~10000	-42.97	PASS
Band13	5MHz	16QAM	23230	25RB#0	0.009~0.15	-43.10	PASS
Band13	5MHz	16QAM	23230	25RB#0	0.15~30	-51.42	PASS
Band13	5MHz	16QAM	23230	25RB#0	30~1000	-56.34	PASS
Band13	5MHz	16QAM	23230	25RB#0	1000~3000	-44.30	PASS
Band13	5MHz	16QAM	23230	25RB#0	3000~10000	-43.03	PASS
Band13	5MHz	16QAM	23255	25RB#0	0.009~0.15	-40.75	PASS
Band13	5MHz	16QAM	23255	25RB#0	0.15~30	-54.72	PASS
Band13	5MHz	16QAM	23255	25RB#0	30~1000	-57.12	PASS
Band13	5MHz	16QAM	23255	25RB#0	1000~3000	-44.60	PASS
Band13	5MHz	16QAM	23255	25RB#0	3000~10000	-42.97	PASS
Band13	10MHz	QPSK	23230	50RB#0	0.009~0.15	-41.25	PASS
Band13	10MHz	QPSK	23230	50RB#0	0.15~30	-52.23	PASS
Band13	10MHz	QPSK	23230	50RB#0	30~1000	-61.03	PASS
Band13	10MHz	QPSK	23230	50RB#0	1000~3000	-44.91	PASS
Band13	10MHz	QPSK	23230	50RB#0	3000~10000	-43.07	PASS
Band13	10MHz	16QAM	23230	50RB#0	0.009~0.15	-41.15	PASS

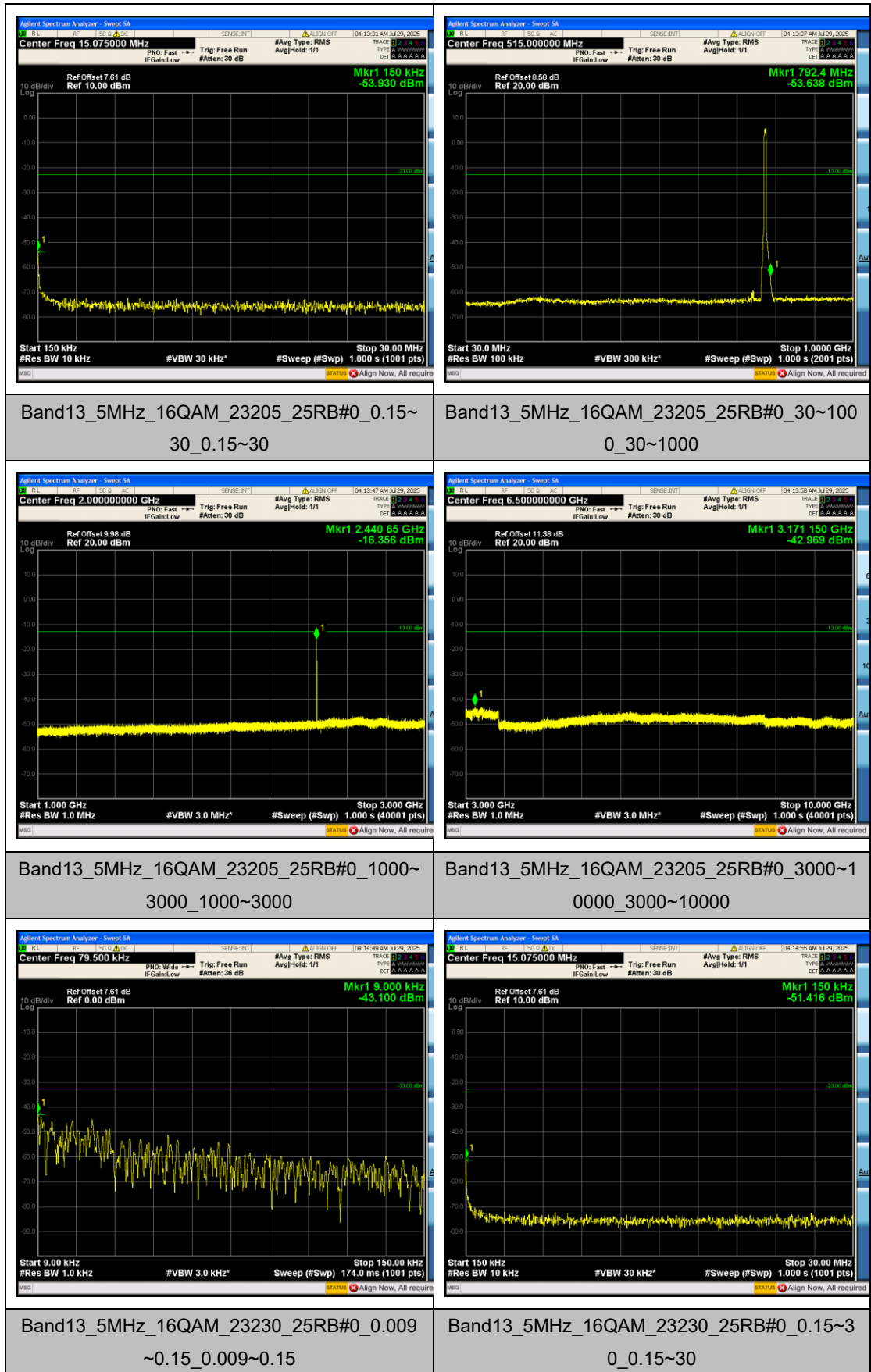
Band13	10MHz	16QAM	23230	50RB#0	0.15~30	-52.53	PASS
Band13	10MHz	16QAM	23230	50RB#0	30~1000	-61.31	PASS
Band13	10MHz	16QAM	23230	50RB#0	1000~3000	-46.80	PASS
Band13	10MHz	16QAM	23230	50RB#0	3000~10000	-43.10	PASS

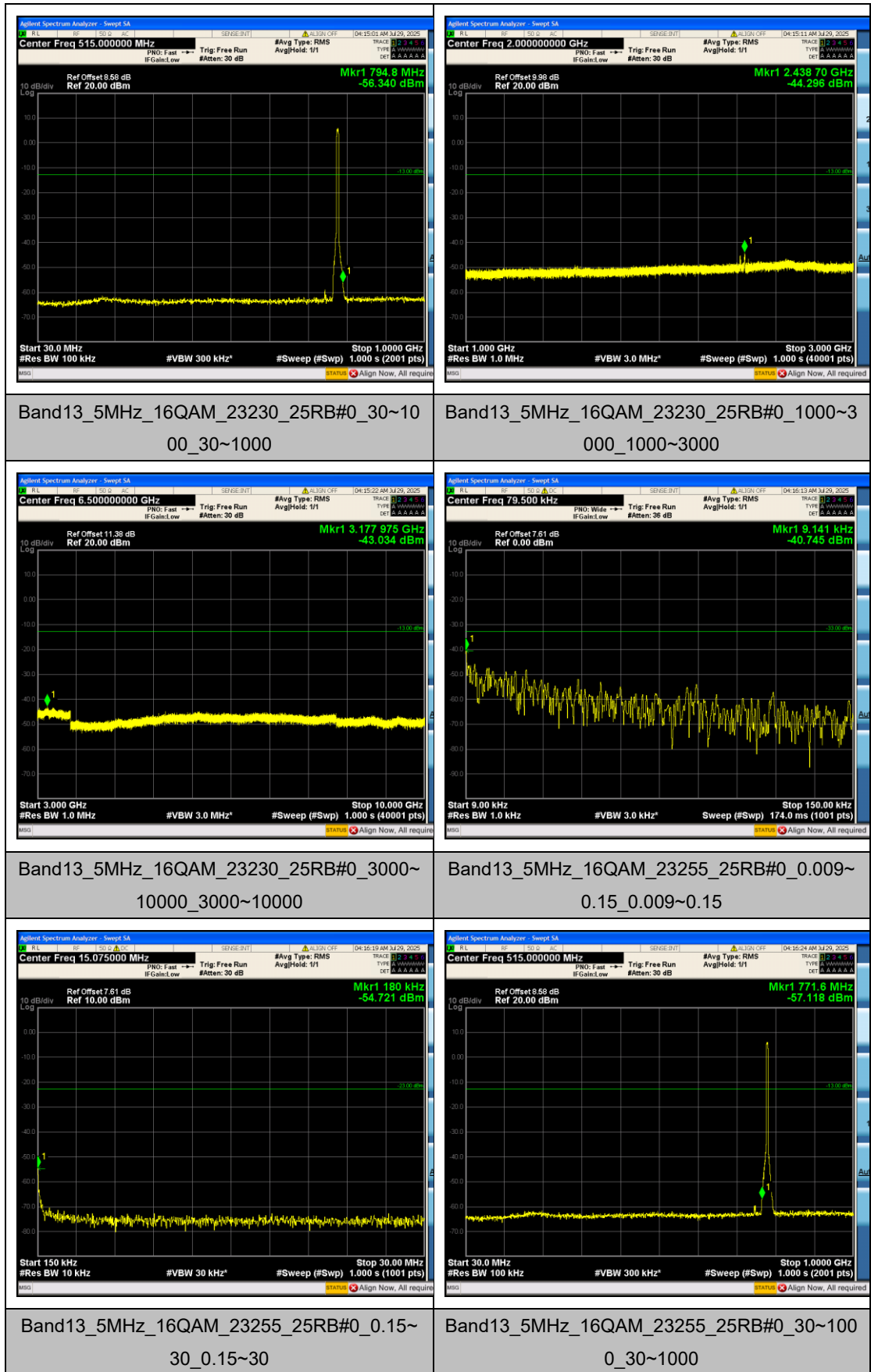
Test Graphs

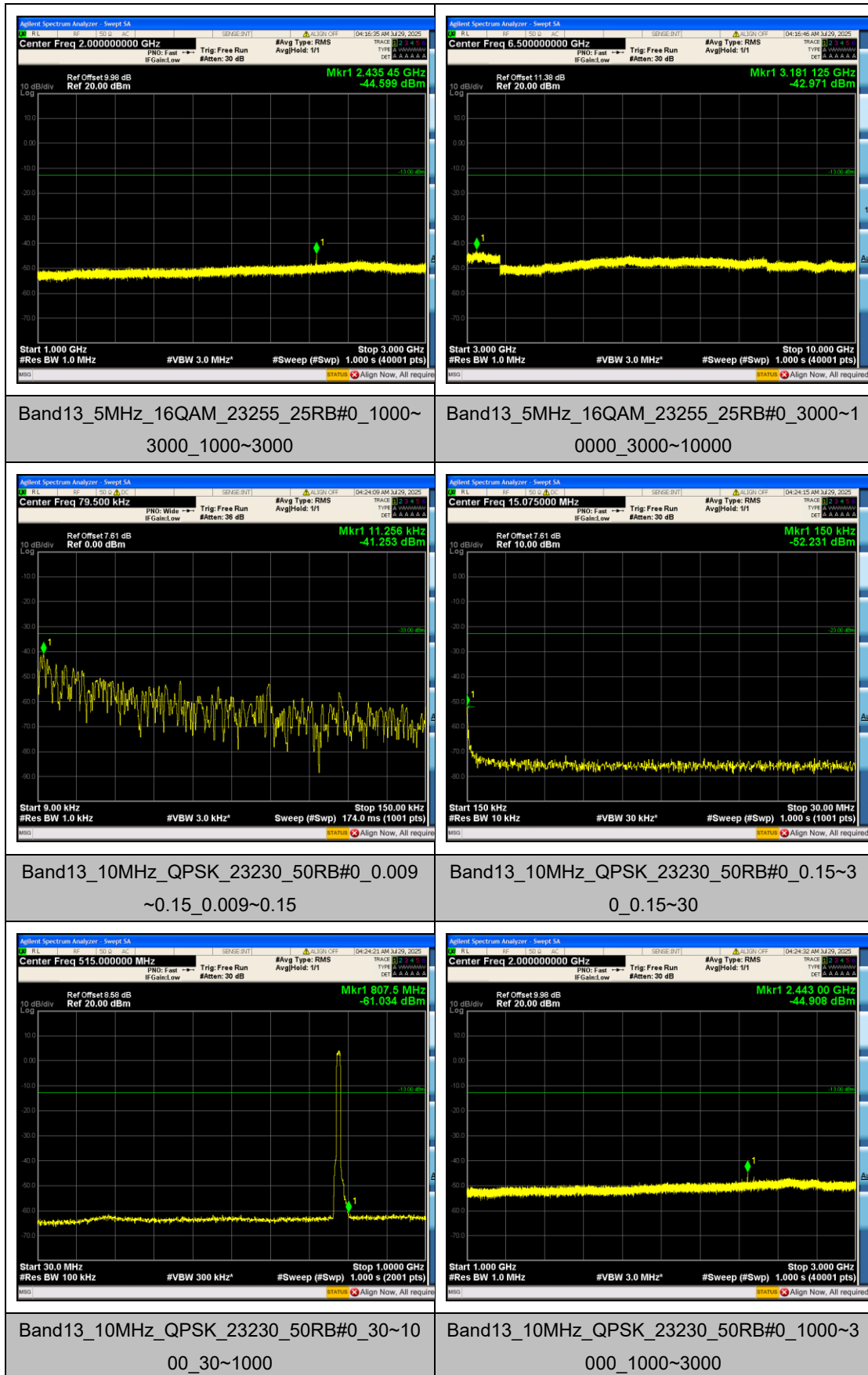


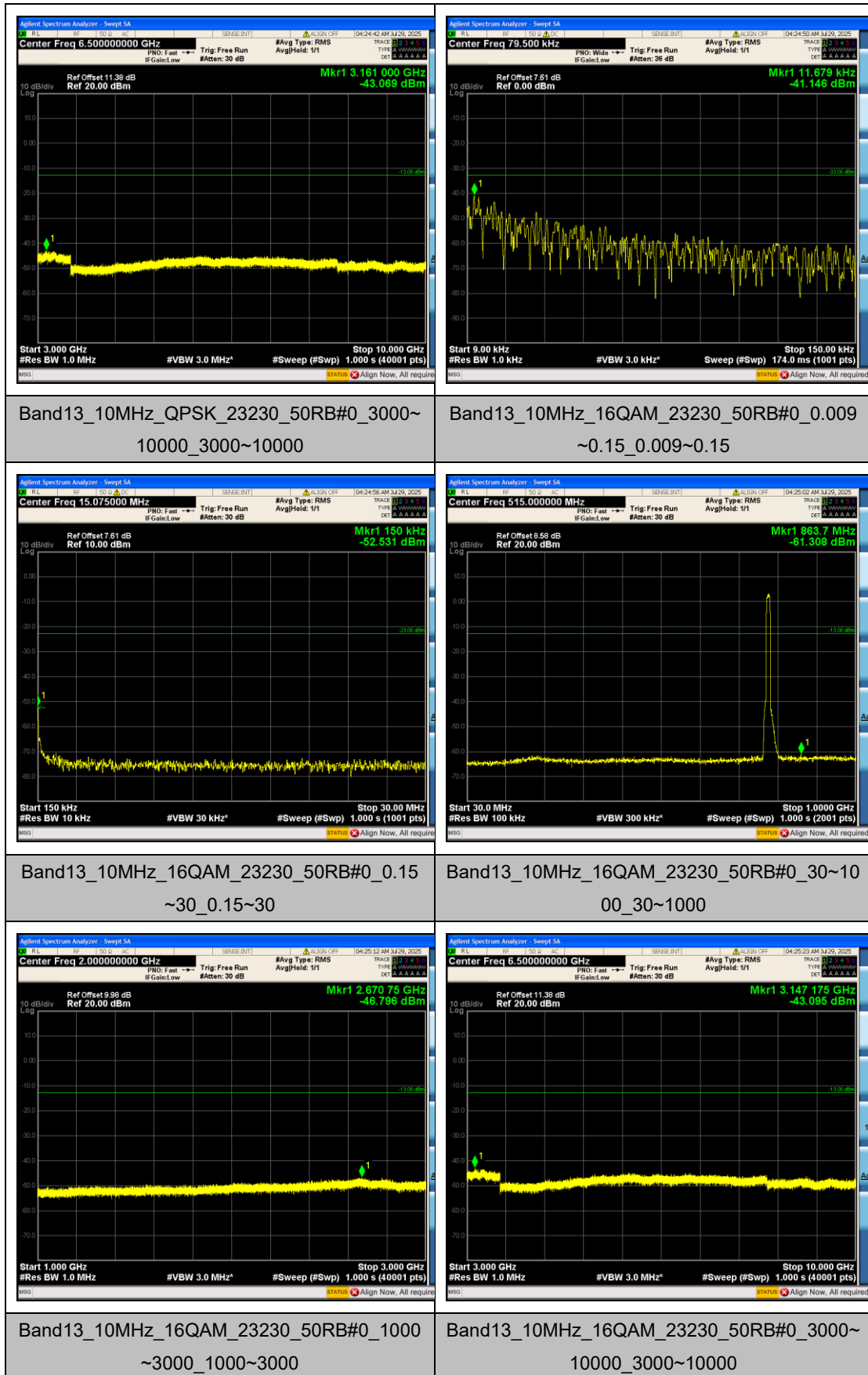












Appendix F: Frequency Stability

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	-4.62	-0.005927	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	-4.11	-0.005273	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	-3.91	-0.005016	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-2.85	-0.003656	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-4.01	-0.005144	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	-3.96	-0.005080	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	-3.66	-0.004695	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	-2.78	-0.003566	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	-3.91	-0.005016	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	-2.76	-0.003529	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	-3.25	-0.004156	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	-3.73	-0.004770	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	-2.90	-0.003708	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-3.16	-0.004041	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	-2.88	-0.003683	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	-3.71	-0.004744	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-3.66	-0.004680	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	-3.58	-0.004578	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	2.59	0.003301	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	2.62	0.003340	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	-3.23	-0.004117	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	1.24	0.001581	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	-2.96	-0.003773	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	2.39	0.003047	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	-2.29	-0.002919	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	3.23	0.004117	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	2.26	0.002881	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	-3.55	-0.004554	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	-3.89	-0.004990	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	-3.63	-0.004657	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-3.63	-0.004657	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-4.05	-0.005196	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-4.68	-0.006004	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	-4.49	-0.005760	±2.5	PASS

Band13	5MHz	16QAM	23205	25RB#0	NV	40	-1.80	-0.002309	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	-3.49	-0.004477	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	-3.83	-0.004898	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	-2.82	-0.003606	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	-2.55	-0.003261	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	-3.19	-0.004079	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	-2.49	-0.003184	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	2.78	0.003555	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	-2.37	-0.003031	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	1.87	0.002391	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	2.53	0.003235	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	-3.45	-0.004398	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	2.26	0.002881	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	-2.42	-0.003085	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	1.42	0.001810	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	2.03	0.002588	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	-3.56	-0.004538	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	5.02	0.006399	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	-2.29	-0.002919	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	2.30	0.002932	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-3.76	-0.004808	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-3.18	-0.004066	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-4.39	-0.005614	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-2.88	-0.003683	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-3.62	-0.004629	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-2.66	-0.003402	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	-2.90	-0.003708	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-2.80	-0.003581	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-2.33	-0.002980	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	-3.15	-0.004028	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	1.80	0.002302	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	-4.13	-0.005281	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	-1.92	-0.002455	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	-3.65	-0.004668	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	-2.60	-0.003325	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	2.33	0.002980	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	-3.12	-0.003990	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	-2.46	-0.003146	±2.5	PASS