

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Power(dBm)	ERP/EIRP (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	24.72	20.6	PASS
Band13	5MHz	QPSK	23205	1RB#12	24.77	20.65	PASS
Band13	5MHz	QPSK	23205	1RB#24	24.75	20.63	PASS
Band13	5MHz	QPSK	23205	12RB#0	23.65	19.53	PASS
Band13	5MHz	QPSK	23205	12RB#6	23.77	19.65	PASS
Band13	5MHz	QPSK	23205	12RB#13	23.75	19.63	PASS
Band13	5MHz	QPSK	23205	25RB#0	23.78	19.66	PASS
Band13	5MHz	64QAM	23205	1RB#0	21.73	17.61	PASS
Band13	5MHz	64QAM	23205	1RB#12	21.87	17.75	PASS
Band13	5MHz	64QAM	23205	1RB#24	21.76	17.64	PASS
Band13	5MHz	64QAM	23205	12RB#0	20.79	16.67	PASS
Band13	5MHz	64QAM	23205	12RB#6	20.84	16.72	PASS
Band13	5MHz	64QAM	23205	12RB#13	20.76	16.64	PASS
Band13	5MHz	64QAM	23205	25RB#0	20.75	16.63	PASS
Band13	5MHz	256QAM	23205	1RB#0	20.06	15.94	PASS
Band13	5MHz	256QAM	23205	1RB#12	20.45	16.33	PASS
Band13	5MHz	256QAM	23205	1RB#24	20.02	15.9	PASS
Band13	5MHz	256QAM	23205	12RB#0	20.12	16	PASS
Band13	5MHz	256QAM	23205	12RB#6	20.22	16.1	PASS
Band13	5MHz	256QAM	23205	12RB#13	20.19	16.07	PASS
Band13	5MHz	256QAM	23205	25RB#0	20.14	16.02	PASS
Band13	5MHz	16QAM	23205	1RB#0	23.66	19.54	PASS
Band13	5MHz	16QAM	23205	1RB#12	23.70	19.58	PASS
Band13	5MHz	16QAM	23205	1RB#24	23.71	19.59	PASS
Band13	5MHz	16QAM	23205	12RB#0	22.60	18.48	PASS
Band13	5MHz	16QAM	23205	12RB#6	22.76	18.64	PASS
Band13	5MHz	16QAM	23205	12RB#13	22.75	18.63	PASS
Band13	5MHz	16QAM	23205	25RB#0	22.76	18.64	PASS
Band13	5MHz	QPSK	23230	1RB#0	24.71	20.59	PASS
Band13	5MHz	QPSK	23230	1RB#12	24.75	20.63	PASS
Band13	5MHz	QPSK	23230	1RB#24	24.66	20.54	PASS
Band13	5MHz	QPSK	23230	12RB#0	23.72	19.6	PASS
Band13	5MHz	QPSK	23230	12RB#6	23.74	19.62	PASS
Band13	5MHz	QPSK	23230	12RB#13	23.66	19.54	PASS
Band13	5MHz	QPSK	23230	25RB#0	23.73	19.61	PASS
Band13	5MHz	64QAM	23230	1RB#0	21.85	17.73	PASS
Band13	5MHz	64QAM	23230	1RB#12	22.25	18.13	PASS
Band13	5MHz	64QAM	23230	1RB#24	21.70	17.58	PASS

Band13	5MHz	64QAM	23230	12RB#0	20.68	16.56	PASS
Band13	5MHz	64QAM	23230	12RB#6	20.76	16.64	PASS
Band13	5MHz	64QAM	23230	12RB#13	20.58	16.46	PASS
Band13	5MHz	64QAM	23230	25RB#0	20.75	16.63	PASS
Band13	5MHz	256QAM	23230	1RB#0	20.19	16.07	PASS
Band13	5MHz	256QAM	23230	1RB#12	20.13	16.01	PASS
Band13	5MHz	256QAM	23230	1RB#24	20.13	16.01	PASS
Band13	5MHz	256QAM	23230	12RB#0	20.12	16	PASS
Band13	5MHz	256QAM	23230	12RB#6	20.22	16.1	PASS
Band13	5MHz	256QAM	23230	12RB#13	20.22	16.1	PASS
Band13	5MHz	256QAM	23230	25RB#0	20.10	15.98	PASS
Band13	5MHz	16QAM	23230	1RB#0	23.78	19.66	PASS
Band13	5MHz	16QAM	23230	1RB#12	23.87	19.75	PASS
Band13	5MHz	16QAM	23230	1RB#24	23.80	19.68	PASS
Band13	5MHz	16QAM	23230	12RB#0	22.73	18.61	PASS
Band13	5MHz	16QAM	23230	12RB#6	22.82	18.7	PASS
Band13	5MHz	16QAM	23230	12RB#13	22.72	18.6	PASS
Band13	5MHz	16QAM	23230	25RB#0	22.71	18.59	PASS
Band13	5MHz	QPSK	23255	1RB#0	24.76	20.64	PASS
Band13	5MHz	QPSK	23255	1RB#12	24.77	20.65	PASS
Band13	5MHz	QPSK	23255	1RB#24	24.77	20.65	PASS
Band13	5MHz	QPSK	23255	12RB#0	23.75	19.63	PASS
Band13	5MHz	QPSK	23255	12RB#6	23.76	19.64	PASS
Band13	5MHz	QPSK	23255	12RB#13	23.66	19.54	PASS
Band13	5MHz	QPSK	23255	25RB#0	23.77	19.65	PASS
Band13	5MHz	64QAM	23255	1RB#0	21.46	17.34	PASS
Band13	5MHz	64QAM	23255	1RB#12	21.60	17.48	PASS
Band13	5MHz	64QAM	23255	1RB#24	21.30	17.18	PASS
Band13	5MHz	64QAM	23255	12RB#0	20.74	16.62	PASS
Band13	5MHz	64QAM	23255	12RB#6	20.68	16.56	PASS
Band13	5MHz	64QAM	23255	12RB#13	20.62	16.5	PASS
Band13	5MHz	64QAM	23255	25RB#0	20.66	16.54	PASS
Band13	5MHz	256QAM	23255	1RB#0	20.11	15.99	PASS
Band13	5MHz	256QAM	23255	1RB#12	20.29	16.17	PASS
Band13	5MHz	256QAM	23255	1RB#24	20.08	15.96	PASS
Band13	5MHz	256QAM	23255	12RB#0	20.18	16.06	PASS
Band13	5MHz	256QAM	23255	12RB#6	20.19	16.07	PASS
Band13	5MHz	256QAM	23255	12RB#13	20.19	16.07	PASS
Band13	5MHz	256QAM	23255	25RB#0	20.17	16.05	PASS
Band13	5MHz	16QAM	23255	1RB#0	23.65	19.53	PASS
Band13	5MHz	16QAM	23255	1RB#12	23.78	19.66	PASS
Band13	5MHz	16QAM	23255	1RB#24	23.67	19.55	PASS
Band13	5MHz	16QAM	23255	12RB#0	22.77	18.65	PASS

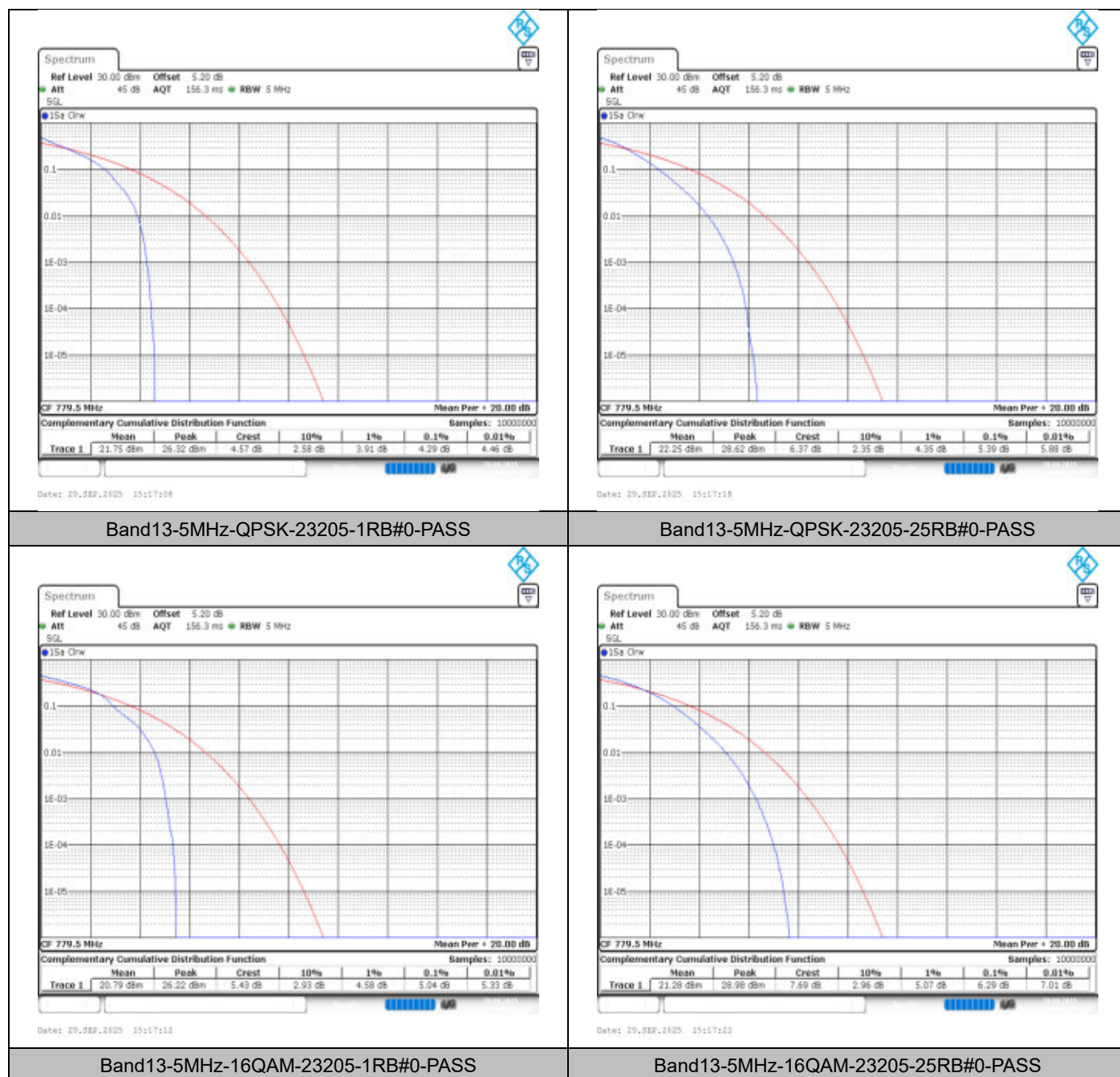
Band13	5MHz	16QAM	23255	12RB#6	22.74	18.62	PASS
Band13	5MHz	16QAM	23255	12RB#13	22.72	18.6	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.83	18.71	PASS
Band13	10MHz	QPSK	23230	1RB#0	24.75	20.63	PASS
Band13	10MHz	QPSK	23230	1RB#24	24.80	20.68	PASS
Band13	10MHz	QPSK	23230	1RB#49	24.83	20.71	PASS
Band13	10MHz	QPSK	23230	25RB#0	23.61	19.49	PASS
Band13	10MHz	QPSK	23230	25RB#12	23.81	19.69	PASS
Band13	10MHz	QPSK	23230	25RB#25	23.65	19.53	PASS
Band13	10MHz	QPSK	23230	50RB#0	23.63	19.51	PASS
Band13	10MHz	64QAM	23230	1RB#0	21.30	17.18	PASS
Band13	10MHz	64QAM	23230	1RB#24	22.10	17.98	PASS
Band13	10MHz	64QAM	23230	1RB#49	21.36	17.24	PASS
Band13	10MHz	64QAM	23230	25RB#0	20.70	16.58	PASS
Band13	10MHz	64QAM	23230	25RB#12	20.61	16.49	PASS
Band13	10MHz	64QAM	23230	25RB#25	20.64	16.52	PASS
Band13	10MHz	64QAM	23230	50RB#0	20.64	16.52	PASS
Band13	10MHz	256QAM	23230	1RB#0	20.07	15.95	PASS
Band13	10MHz	256QAM	23230	1RB#24	20.15	16.03	PASS
Band13	10MHz	256QAM	23230	1RB#49	20.06	15.94	PASS
Band13	10MHz	256QAM	23230	25RB#0	20.19	16.07	PASS
Band13	10MHz	256QAM	23230	25RB#12	20.15	16.03	PASS
Band13	10MHz	256QAM	23230	25RB#25	20.19	16.07	PASS
Band13	10MHz	256QAM	23230	50RB#0	20.21	16.09	PASS
Band13	10MHz	16QAM	23230	1RB#0	23.62	19.5	PASS
Band13	10MHz	16QAM	23230	1RB#24	24.00	19.88	PASS
Band13	10MHz	16QAM	23230	1RB#49	23.66	19.54	PASS
Band13	10MHz	16QAM	23230	25RB#0	22.65	18.53	PASS
Band13	10MHz	16QAM	23230	25RB#12	22.84	18.72	PASS
Band13	10MHz	16QAM	23230	25RB#25	22.72	18.6	PASS
Band13	10MHz	16QAM	23230	50RB#0	22.62	18.5	PASS

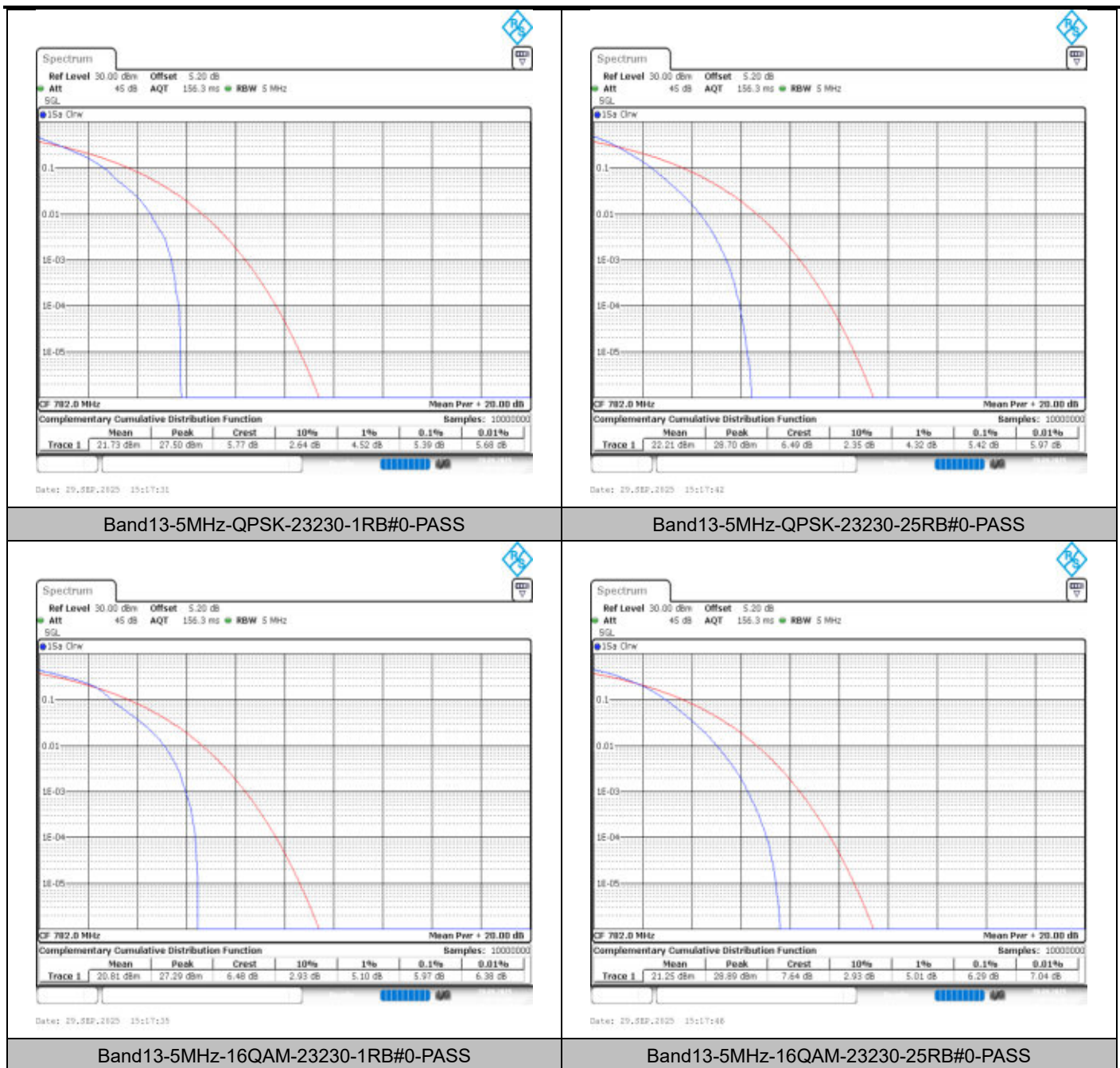
Appendix B: Peak-to-Average Ratio(CCDF)

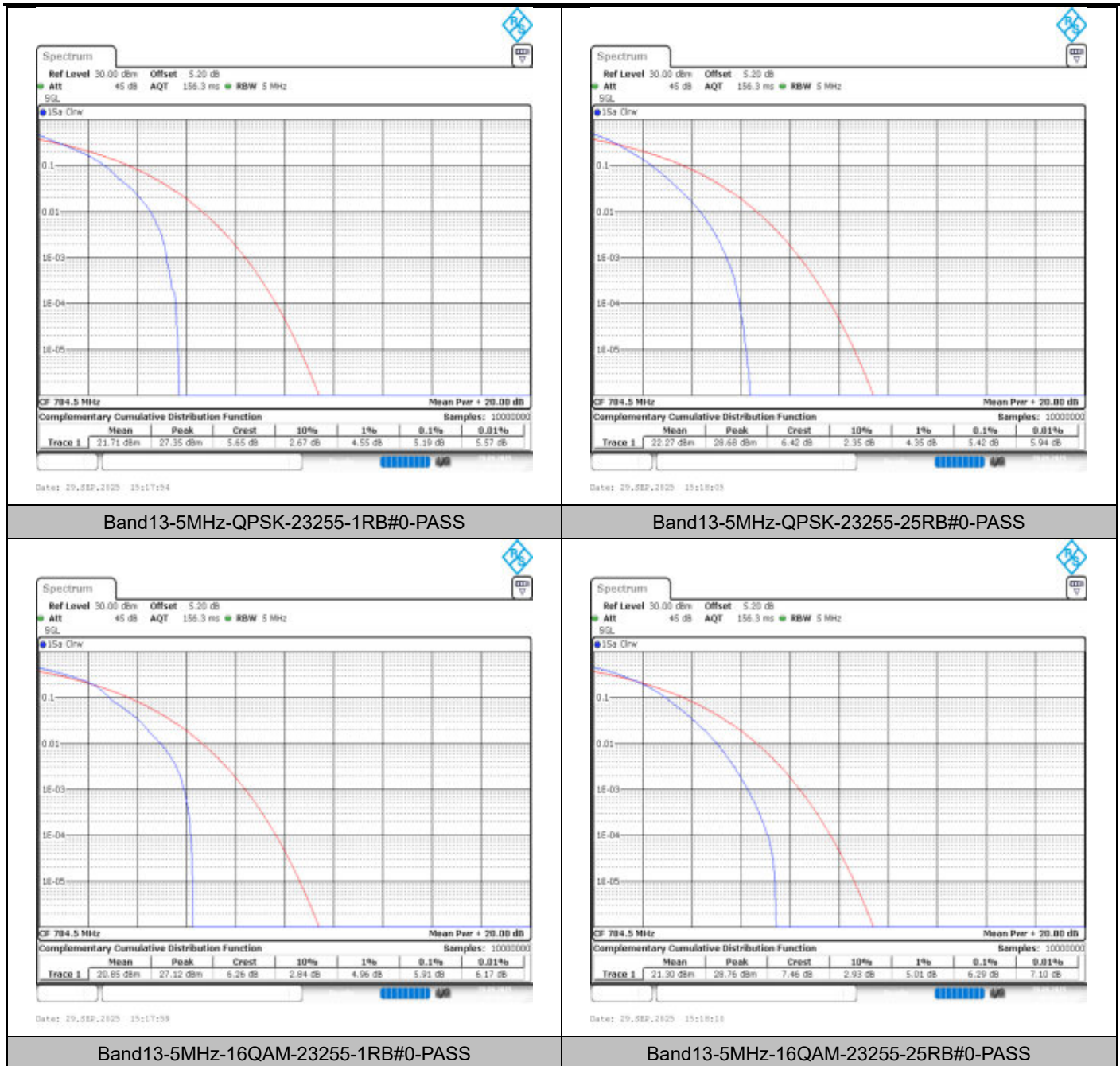
Test Result

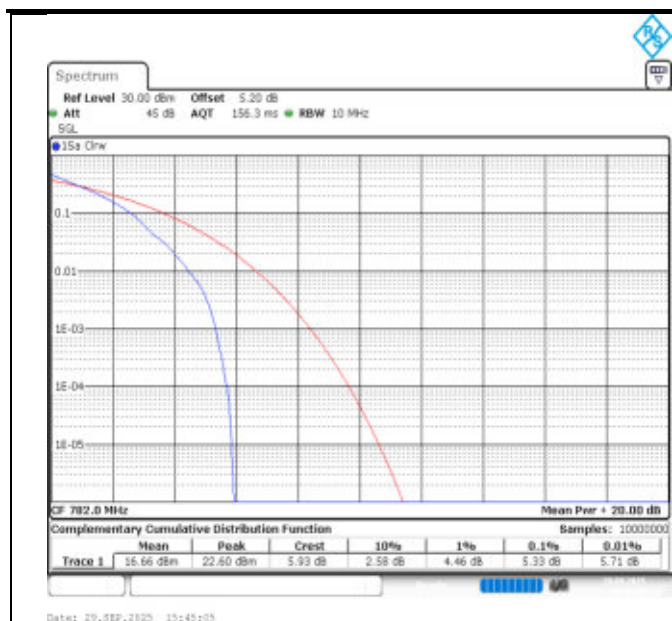
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	4.29	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.39	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.04	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.29	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	5.39	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.42	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.97	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.29	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	5.19	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.42	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.91	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.29	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	5.33	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.36	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	6.26	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.38	13	PASS

Test Graphs

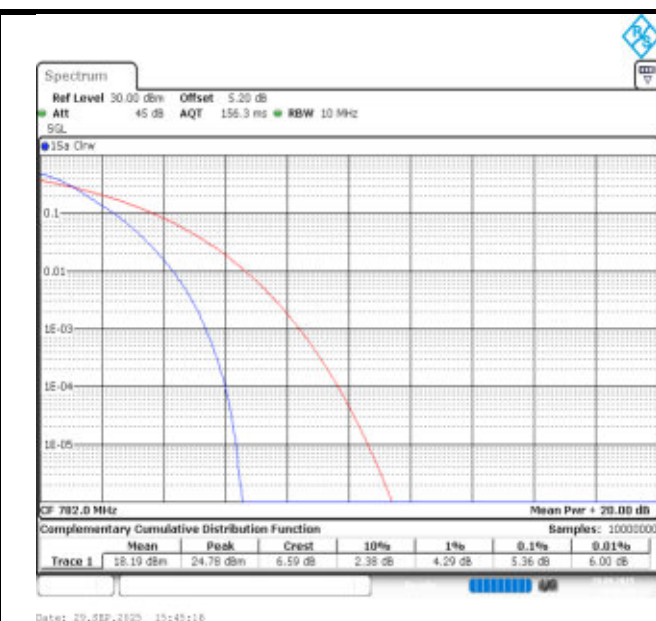




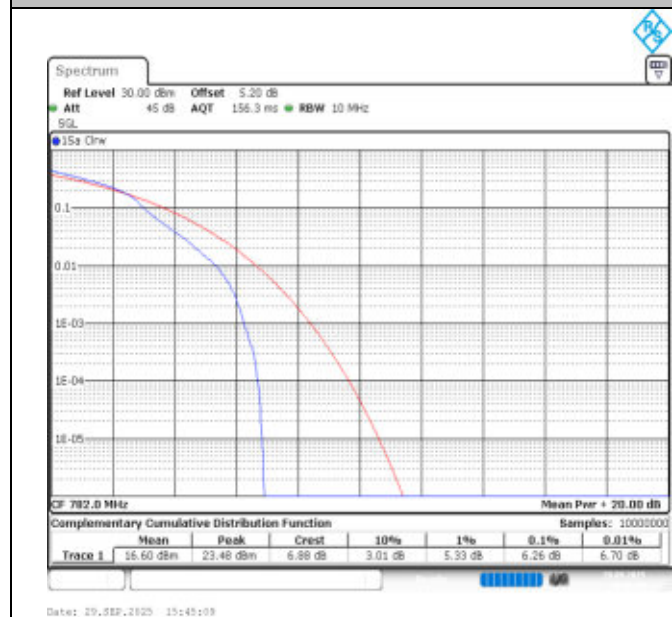




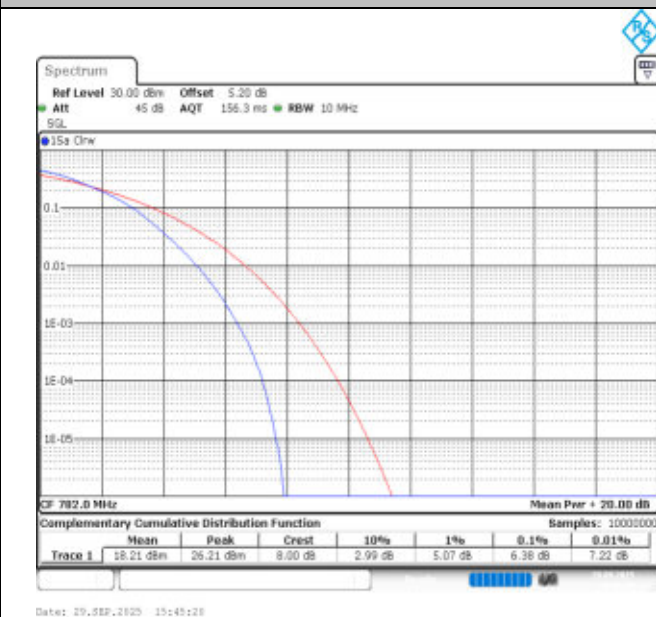
Band13-10MHz-QPSK-23230-1RB#0-PASS



Band13-10MHz-QPSK-23230-50RB#0-PASS



Band13-10MHz-16QAM-23230-1RB#0-PASS



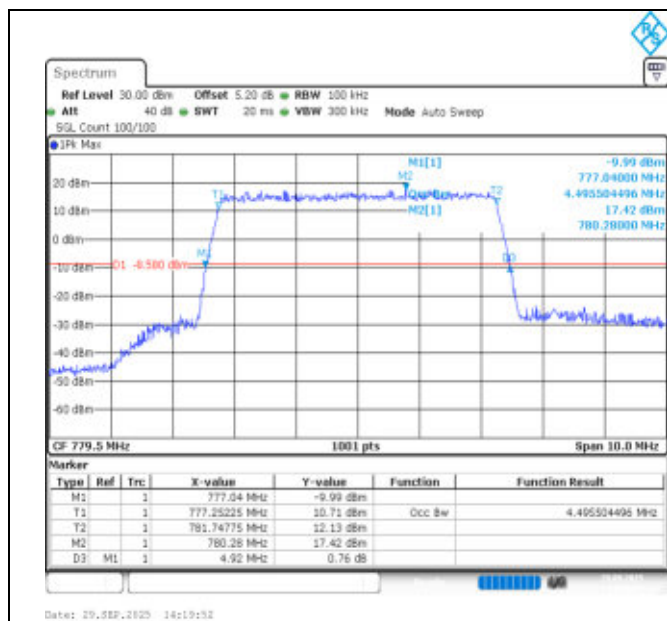
Band13-10MHz-16QAM-23230-50RB#0-PASS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

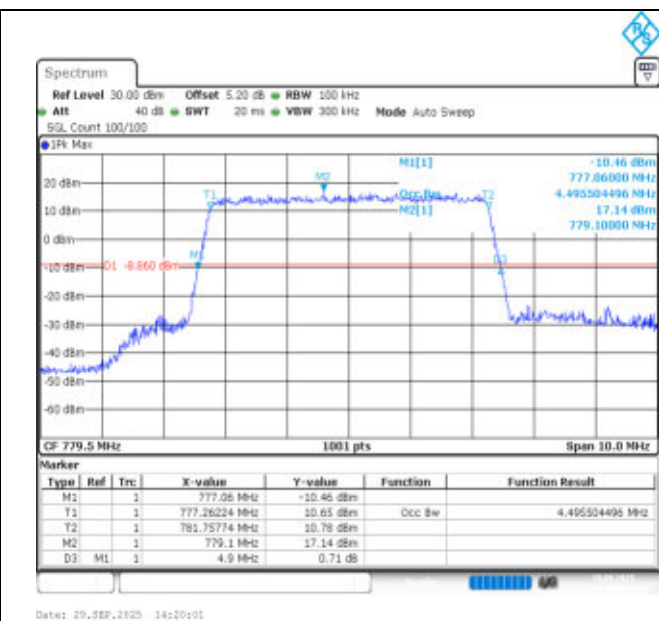
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.496	4.92	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.496	4.90	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.486	4.93	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.486	4.92	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.505	4.89	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.505	4.93	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.985	9.80	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.952	9.80	PASS

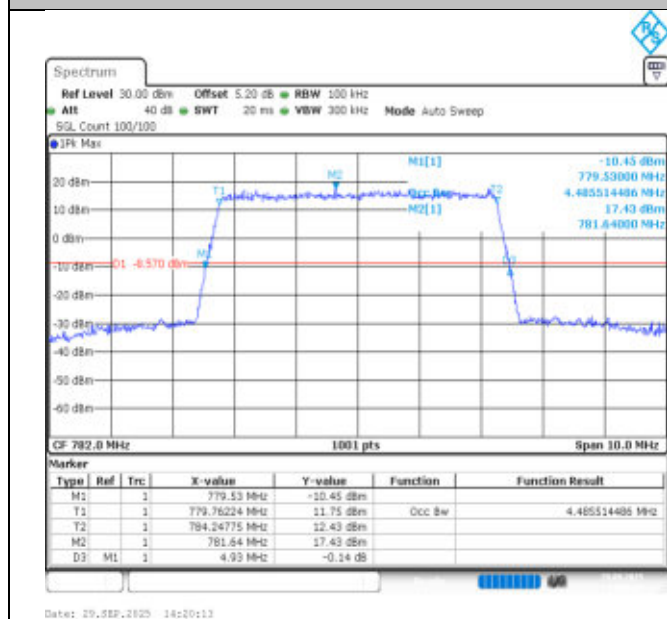
Test Graphs



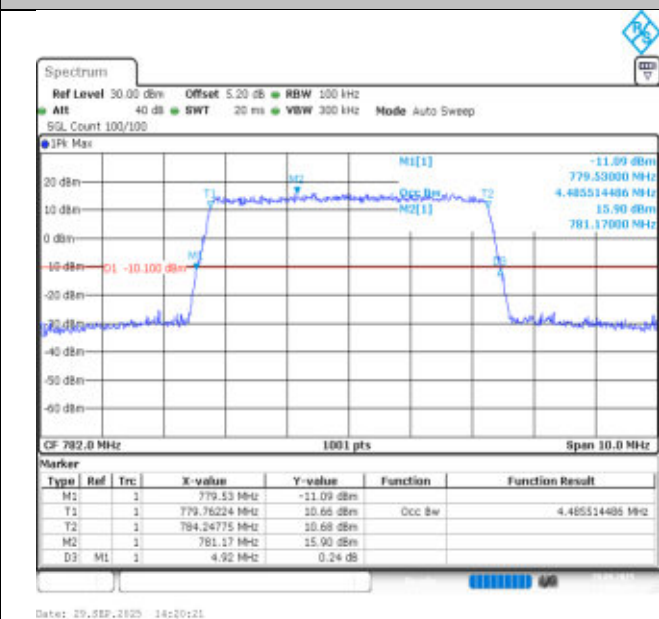
Band13-5MHz-QPSK-23205-25RB#0-PASS



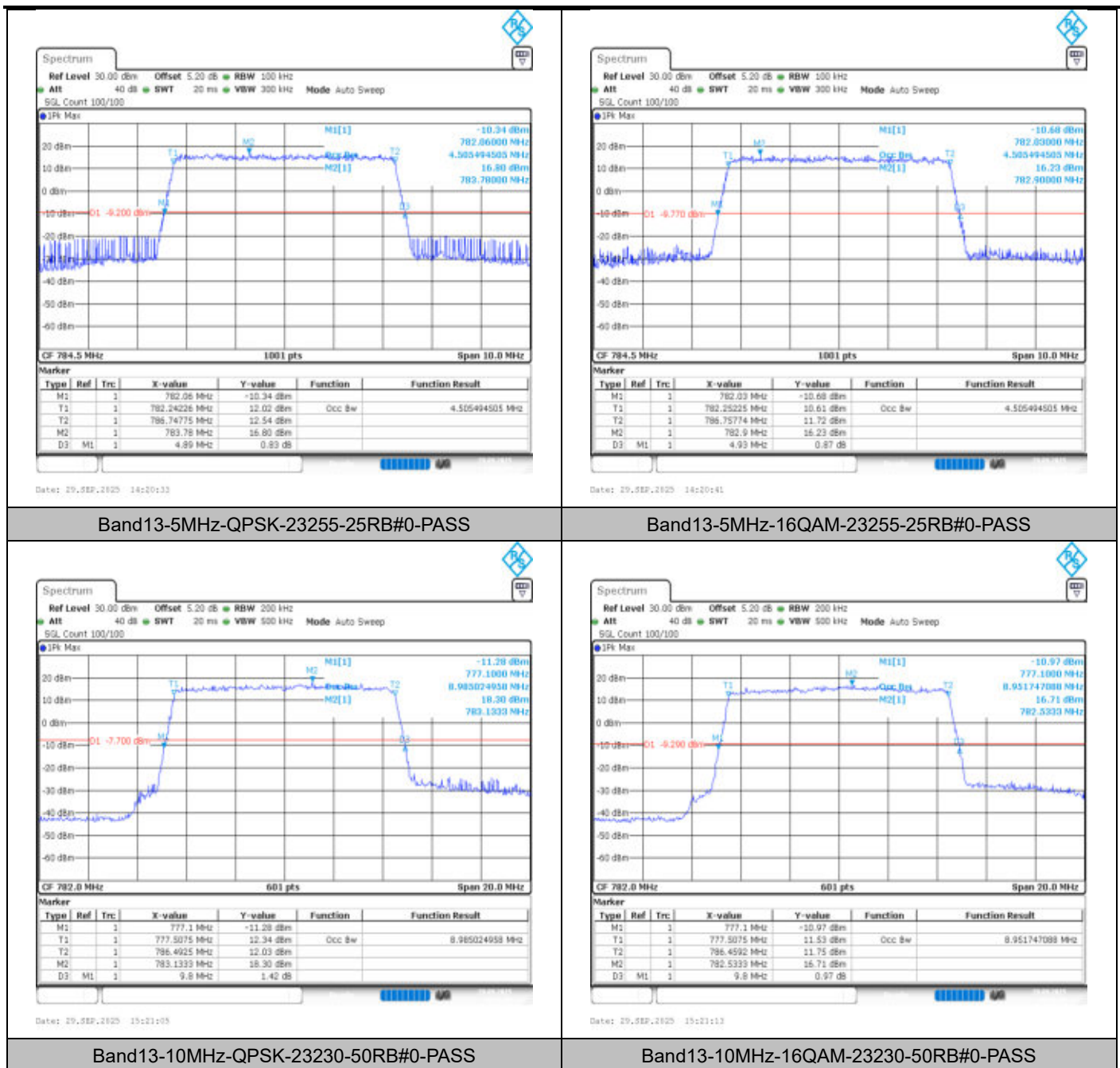
Band13-5MHz-16QAM-23205-25RB#0-PASS



Band13-5MHz-QPSK-23230-25RB#0-PASS



Band13-5MHz-16QAM-23230-25RB#0-PASS

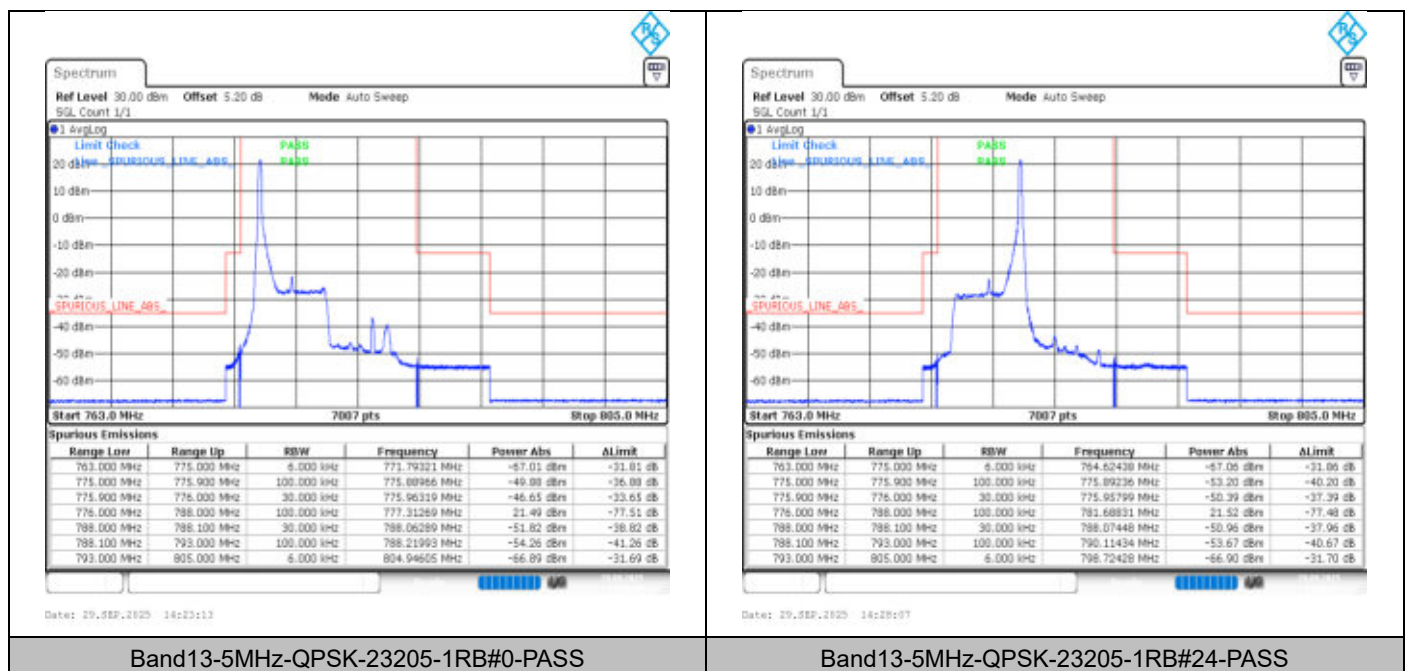


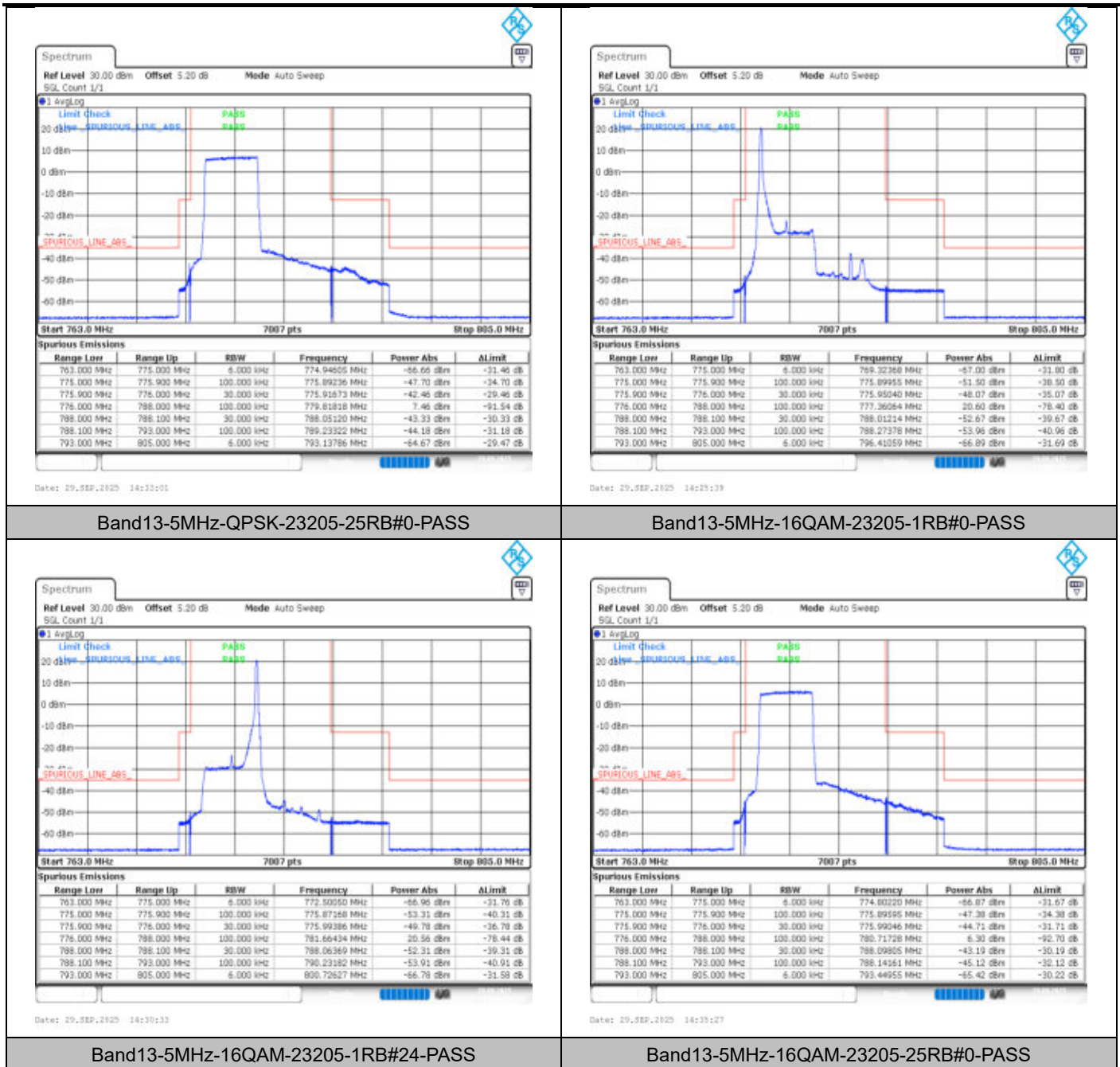
Appendix D: Band Edge

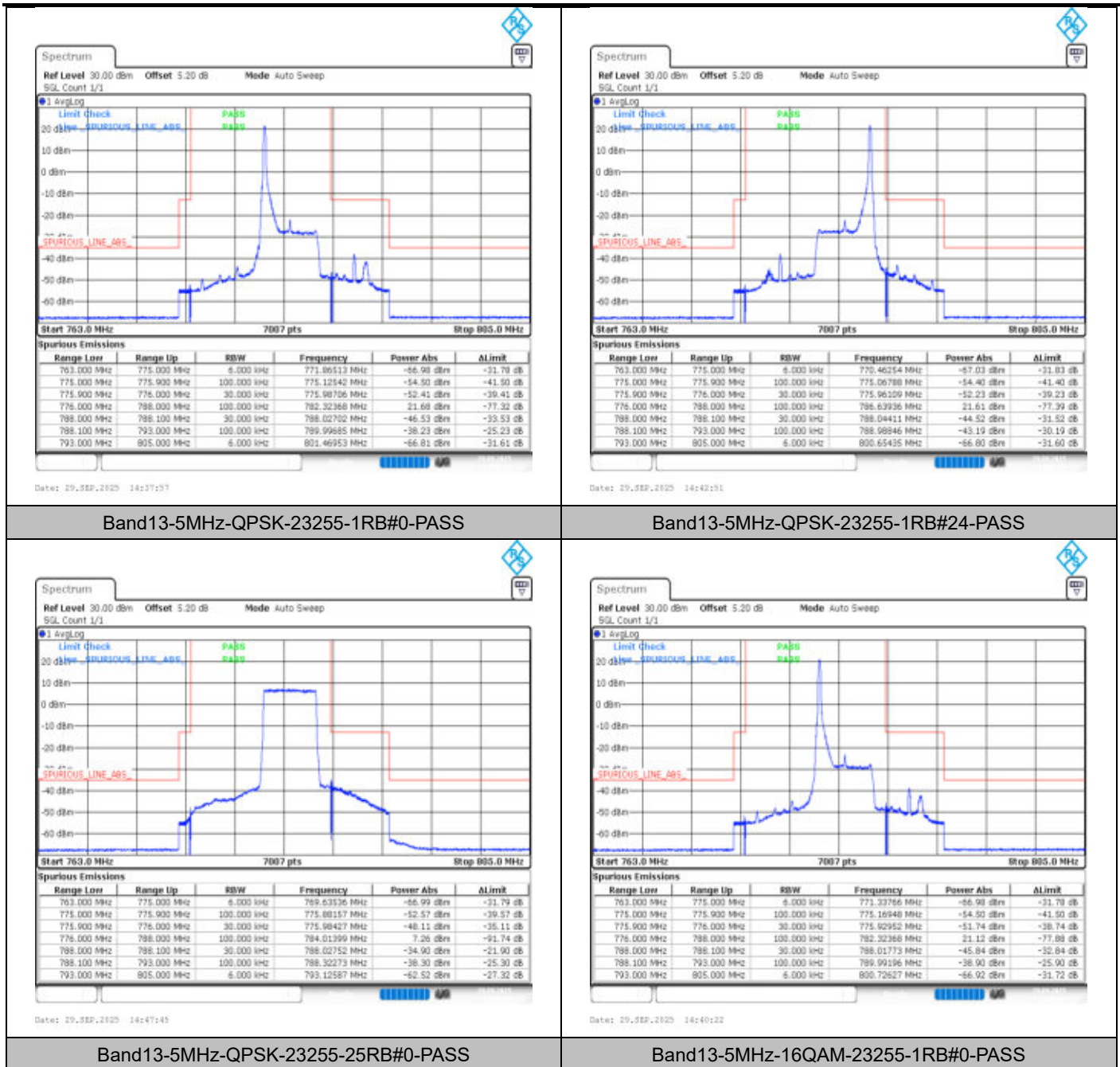
Test Result

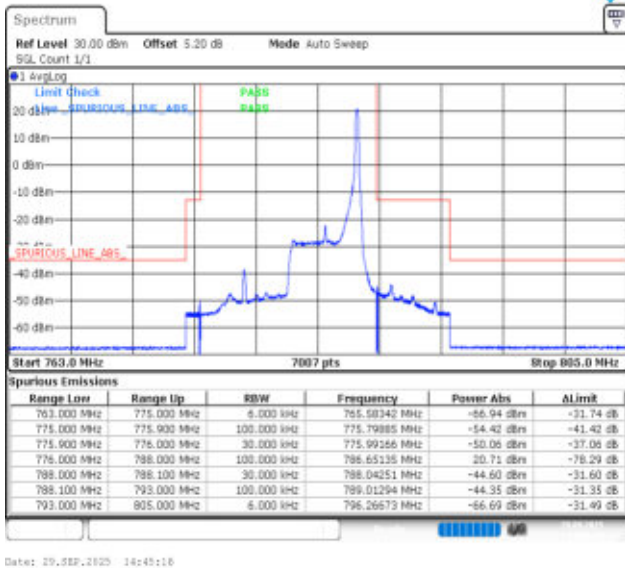
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Margin (dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-66.89	31.69	PASS
Band13	5MHz	QPSK	23205	1RB#24	-66.90	31.70	PASS
Band13	5MHz	QPSK	23205	25RB#0	-42.46	29.46	PASS
Band13	5MHz	16QAM	23205	1RB#0	-66.89	31.69	PASS
Band13	5MHz	16QAM	23205	1RB#24	-66.78	31.58	PASS
Band13	5MHz	16QAM	23205	25RB#0	-43.19	30.19	PASS
Band13	5MHz	QPSK	23255	1RB#0	-38.23	25.23	PASS
Band13	5MHz	QPSK	23255	1RB#24	-43.19	30.19	PASS
Band13	5MHz	QPSK	23255	25RB#0	-34.90	21.90	PASS
Band13	5MHz	16QAM	23255	1RB#0	-38.90	25.90	PASS
Band13	5MHz	16QAM	23255	1RB#24	-44.35	31.35	PASS
Band13	5MHz	16QAM	23255	25RB#0	-35.58	22.58	PASS
Band13	10MHz	QPSK	23230	1RB#0	-54.54	19.34	PASS
Band13	10MHz	QPSK	23230	1RB#49	-66.48	31.28	PASS
Band13	10MHz	QPSK	23230	50RB#0	-40.52	27.52	PASS
Band13	10MHz	16QAM	23230	1RB#0	-58.55	23.35	PASS
Band13	10MHz	16QAM	23230	1RB#49	-66.57	31.37	PASS
Band13	10MHz	16QAM	23230	50RB#0	-39.64	26.64	PASS

Test Graphs

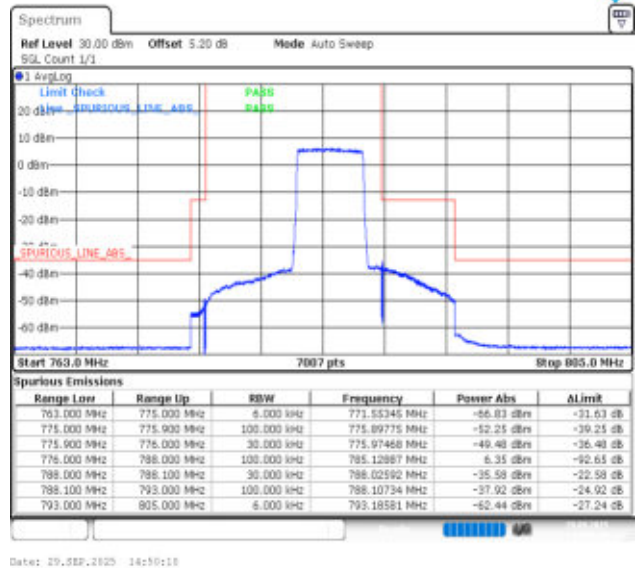




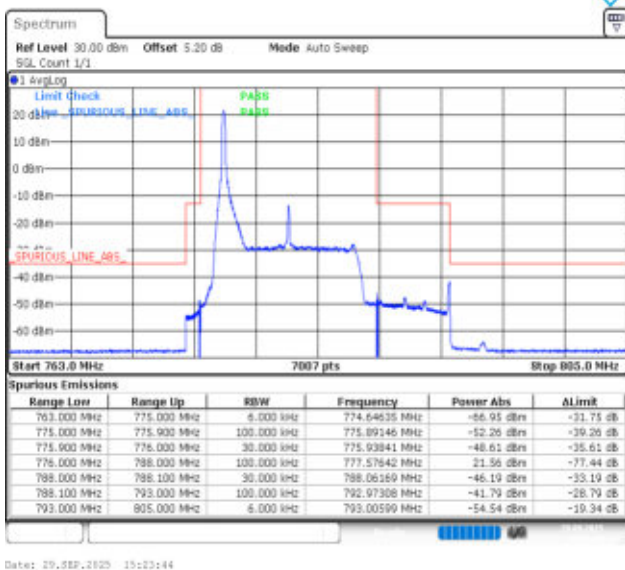




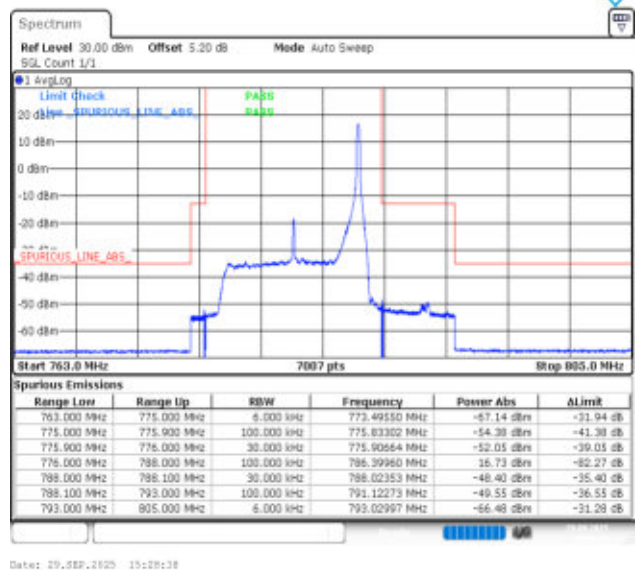
Band13-5MHz-16QAM-23255-1RB#24-PASS



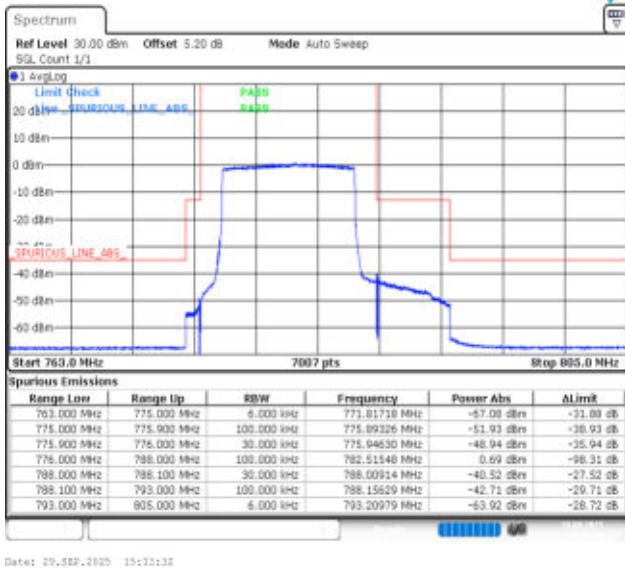
Band13-5MHz-16QAM-23255-25RB#0-PASS



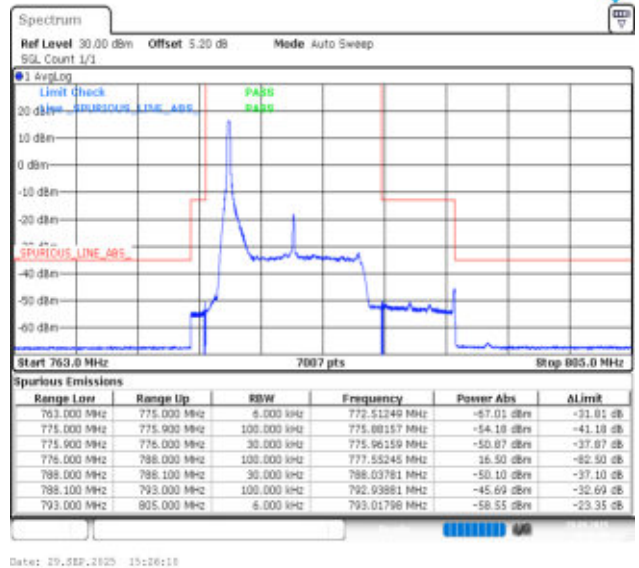
Band13-10MHz-QPSK-23230-1RB#0-PASS



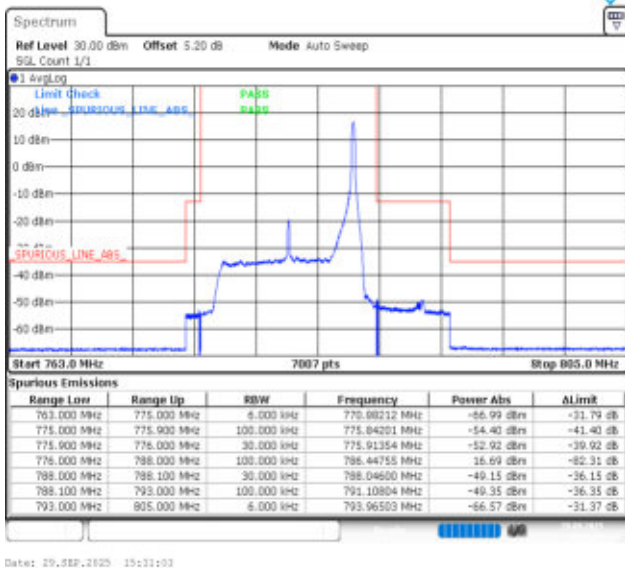
Band13-10MHz-QPSK-23230-1RB#49-PASS



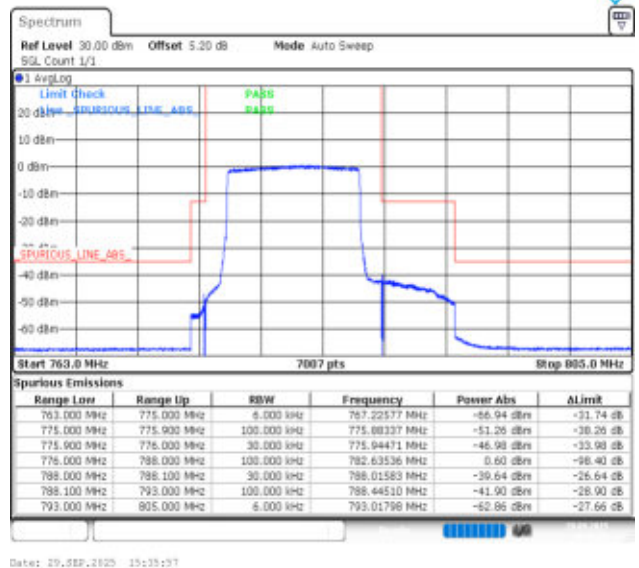
Band13-10MHz-QPSK-23230-50RB#0-PASS



Band13-10MHz-16QAM-23230-1RB#0-PASS



Band13-10MHz-16QAM-23230-1RB#49-PASS



Band13-10MHz-16QAM-23230-50RB#0-PASS

Appendix E: Conducted Spurious Emission

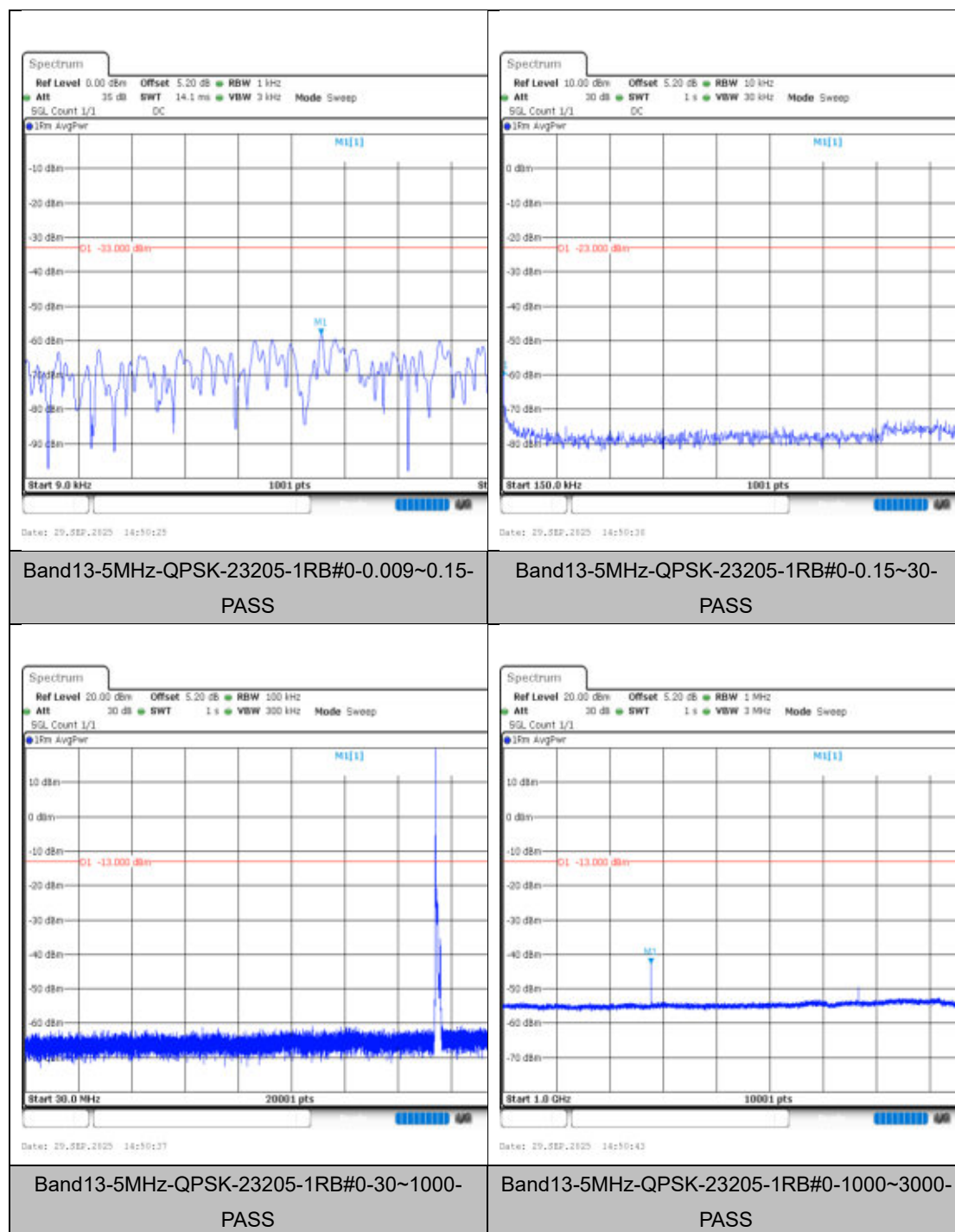
Test Result

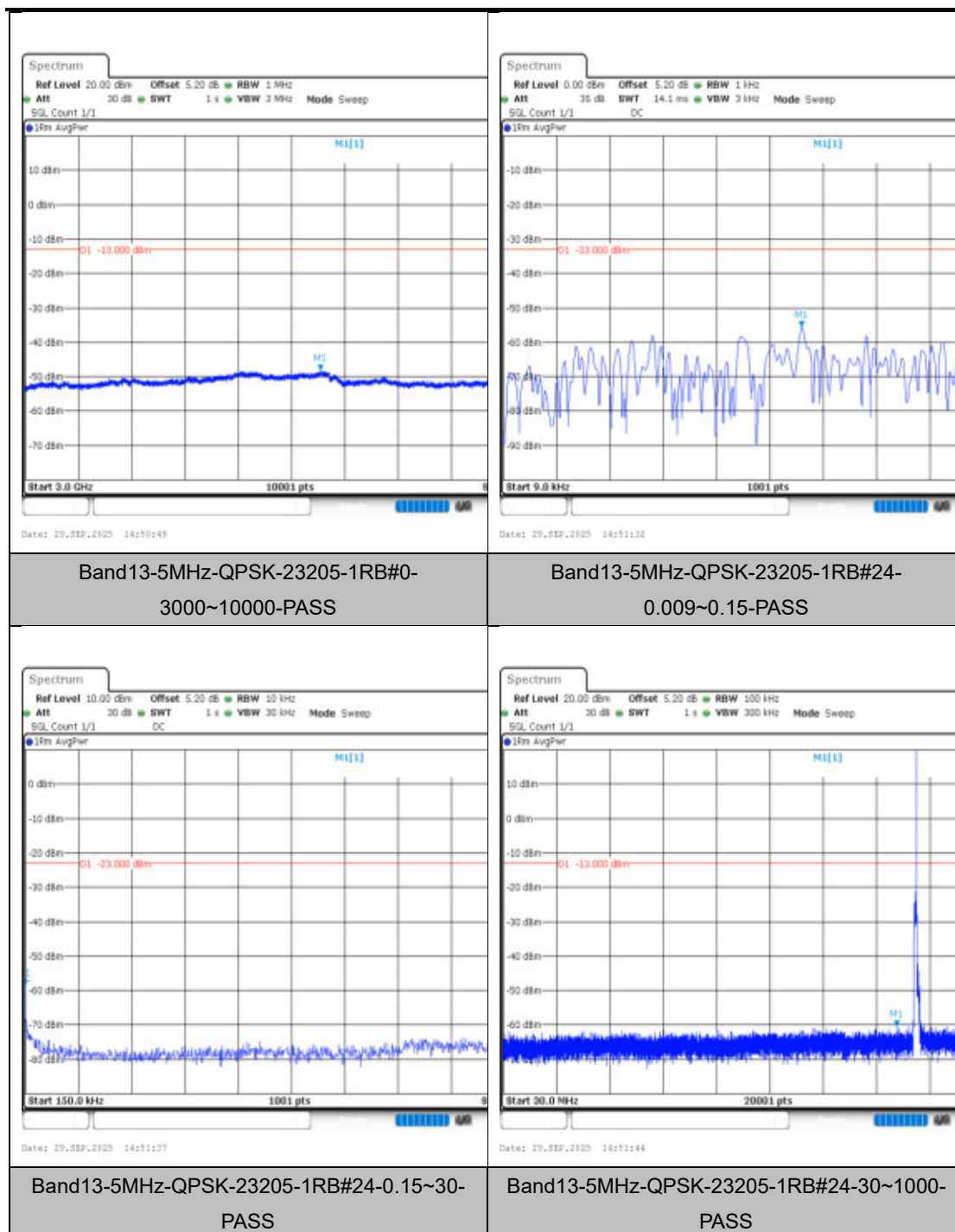
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Limit (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	0.009~0.15	-58.15	-33.0	PASS
Band13	5MHz	QPSK	23205	1RB#0	0.15~30	-59.53	-23.0	PASS
Band13	5MHz	QPSK	23205	1RB#0	30~1000	-59.68	-13.0	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~3000	-42.66	-13.0	PASS
Band13	5MHz	QPSK	23205	1RB#0	3000~10000	-48.16	-13.0	PASS
Band13	5MHz	QPSK	23205	1RB#24	0.009~0.15	-55.63	-33.0	PASS
Band13	5MHz	QPSK	23205	1RB#24	0.15~30	-57.26	-23.0	PASS
Band13	5MHz	QPSK	23205	1RB#24	30~1000	-60.31	-13.0	PASS
Band13	5MHz	QPSK	23205	1RB#24	1000~3000	-42.63	-13.0	PASS
Band13	5MHz	QPSK	23205	1RB#24	3000~10000	-48.34	-13.0	PASS
Band13	5MHz	QPSK	23205	25RB#0	0.009~0.15	-68.78	-33.0	PASS
Band13	5MHz	QPSK	23205	25RB#0	0.15~30	-60.31	-23.0	PASS
Band13	5MHz	QPSK	23205	25RB#0	30~1000	-60.45	-13.0	PASS
Band13	5MHz	QPSK	23205	25RB#0	1000~3000	-50.06	-13.0	PASS
Band13	5MHz	QPSK	23205	25RB#0	3000~10000	-48.05	-13.0	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.009~0.15	-59.24	-33.0	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.15~30	-60.50	-23.0	PASS
Band13	5MHz	16QAM	23205	1RB#0	30~1000	-59.48	-13.0	PASS
Band13	5MHz	16QAM	23205	1RB#0	1000~3000	-42.93	-13.0	PASS
Band13	5MHz	16QAM	23205	1RB#0	3000~10000	-48.36	-13.0	PASS
Band13	5MHz	16QAM	23205	1RB#24	0.009~0.15	-59.87	-33.0	PASS
Band13	5MHz	16QAM	23205	1RB#24	0.15~30	-58.14	-23.0	PASS
Band13	5MHz	16QAM	23205	1RB#24	30~1000	-59.24	-13.0	PASS
Band13	5MHz	16QAM	23205	1RB#24	1000~3000	-43.68	-13.0	PASS
Band13	5MHz	16QAM	23205	1RB#24	3000~10000	-48.45	-13.0	PASS
Band13	5MHz	16QAM	23205	25RB#0	0.009~0.15	-68.20	-33.0	PASS
Band13	5MHz	16QAM	23205	25RB#0	0.15~30	-61.36	-23.0	PASS
Band13	5MHz	16QAM	23205	25RB#0	30~1000	-60.00	-13.0	PASS
Band13	5MHz	16QAM	23205	25RB#0	1000~3000	-50.39	-13.0	PASS
Band13	5MHz	16QAM	23205	25RB#0	3000~10000	-48.46	-13.0	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.009~0.15	-56.34	-33.0	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.15~30	-59.52	-23.0	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	-59.08	-13.0	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~3000	-41.71	-13.0	PASS
Band13	5MHz	QPSK	23230	1RB#0	3000~10000	-48.12	-13.0	PASS
Band13	5MHz	QPSK	23230	1RB#24	0.009~0.15	-56.99	-33.0	PASS

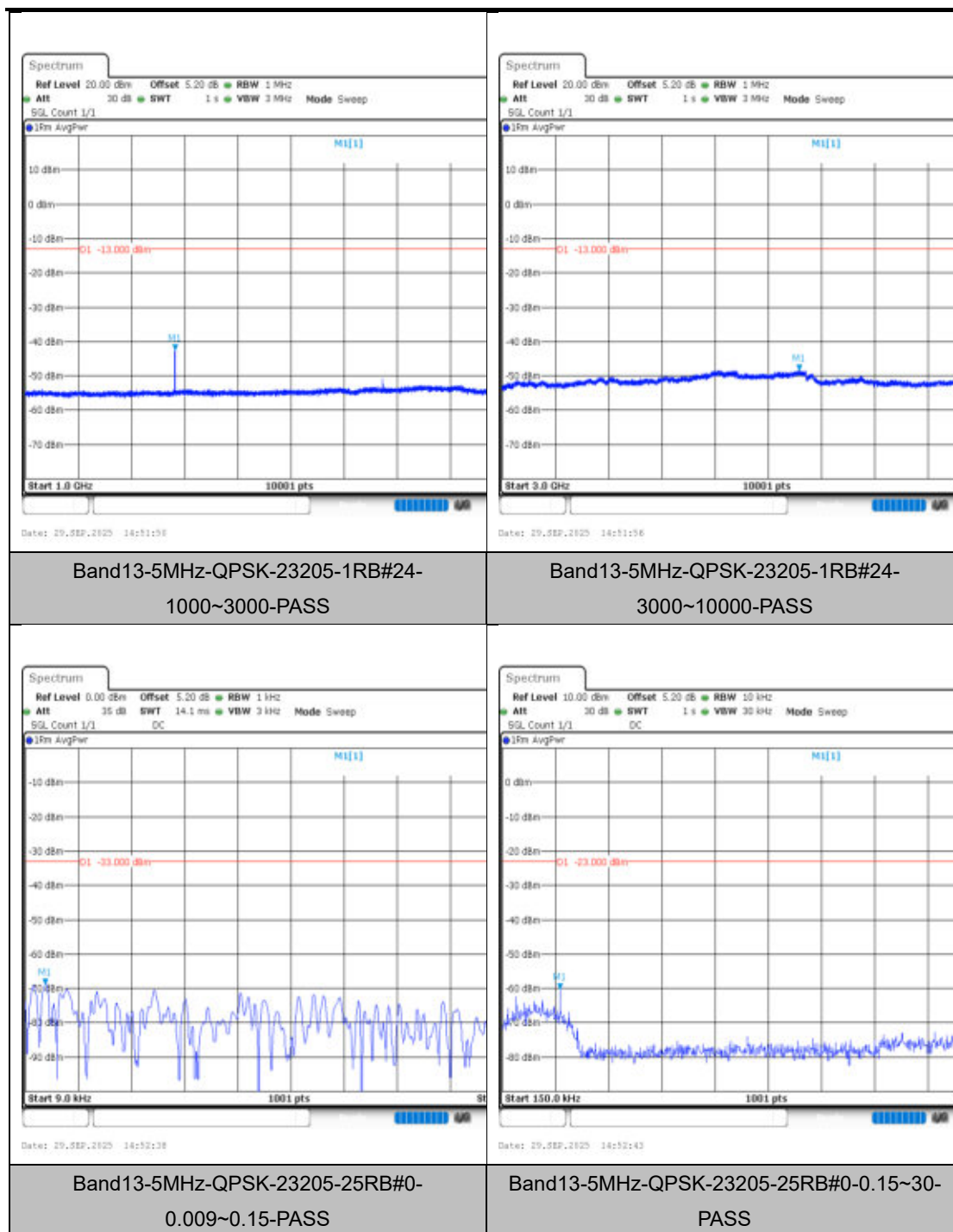
Band13	5MHz	QPSK	23230	1RB#24	0.15~30	-55.67	-23.0	PASS
Band13	5MHz	QPSK	23230	1RB#24	30~1000	-59.10	-13.0	PASS
Band13	5MHz	QPSK	23230	1RB#24	1000~3000	-42.46	-13.0	PASS
Band13	5MHz	QPSK	23230	1RB#24	3000~10000	-48.28	-13.0	PASS
Band13	5MHz	QPSK	23230	25RB#0	0.009~0.15	-69.11	-33.0	PASS
Band13	5MHz	QPSK	23230	25RB#0	0.15~30	-59.45	-23.0	PASS
Band13	5MHz	QPSK	23230	25RB#0	30~1000	-60.02	-13.0	PASS
Band13	5MHz	QPSK	23230	25RB#0	1000~3000	-49.98	-13.0	PASS
Band13	5MHz	QPSK	23230	25RB#0	3000~10000	-48.26	-13.0	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.009~0.15	-57.31	-33.0	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.15~30	-57.98	-23.0	PASS
Band13	5MHz	16QAM	23230	1RB#0	30~1000	-59.86	-13.0	PASS
Band13	5MHz	16QAM	23230	1RB#0	1000~3000	-42.88	-13.0	PASS
Band13	5MHz	16QAM	23230	1RB#0	3000~10000	-48.12	-13.0	PASS
Band13	5MHz	16QAM	23230	1RB#24	0.009~0.15	-57.40	-33.0	PASS
Band13	5MHz	16QAM	23230	1RB#24	0.15~30	-56.95	-23.0	PASS
Band13	5MHz	16QAM	23230	1RB#24	30~1000	-60.20	-13.0	PASS
Band13	5MHz	16QAM	23230	1RB#24	1000~3000	-44.45	-13.0	PASS
Band13	5MHz	16QAM	23230	1RB#24	3000~10000	-48.04	-13.0	PASS
Band13	5MHz	16QAM	23230	25RB#0	0.009~0.15	-64.96	-33.0	PASS
Band13	5MHz	16QAM	23230	25RB#0	0.15~30	-61.04	-23.0	PASS
Band13	5MHz	16QAM	23230	25RB#0	30~1000	-59.69	-13.0	PASS
Band13	5MHz	16QAM	23230	25RB#0	1000~3000	-50.51	-13.0	PASS
Band13	5MHz	16QAM	23230	25RB#0	3000~10000	-48.19	-13.0	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.009~0.15	-58.34	-33.0	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.15~30	-56.95	-23.0	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	-59.64	-13.0	PASS
Band13	5MHz	QPSK	23255	1RB#0	1000~3000	-42.10	-13.0	PASS
Band13	5MHz	QPSK	23255	1RB#0	3000~10000	-48.24	-13.0	PASS
Band13	5MHz	QPSK	23255	1RB#24	0.009~0.15	-57.20	-33.0	PASS
Band13	5MHz	QPSK	23255	1RB#24	0.15~30	-60.01	-23.0	PASS
Band13	5MHz	QPSK	23255	1RB#24	30~1000	-60.13	-13.0	PASS
Band13	5MHz	QPSK	23255	1RB#24	1000~3000	-41.25	-13.0	PASS
Band13	5MHz	QPSK	23255	1RB#24	3000~10000	-48.33	-13.0	PASS
Band13	5MHz	QPSK	23255	25RB#0	0.009~0.15	-65.74	-33.0	PASS
Band13	5MHz	QPSK	23255	25RB#0	0.15~30	-59.97	-23.0	PASS
Band13	5MHz	QPSK	23255	25RB#0	30~1000	-60.41	-13.0	PASS
Band13	5MHz	QPSK	23255	25RB#0	1000~3000	-49.71	-13.0	PASS
Band13	5MHz	QPSK	23255	25RB#0	3000~10000	-48.24	-13.0	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.009~0.15	-57.41	-33.0	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.15~30	-60.27	-23.0	PASS
Band13	5MHz	16QAM	23255	1RB#0	30~1000	-59.23	-13.0	PASS
Band13	5MHz	16QAM	23255	1RB#0	1000~3000	-43.75	-13.0	PASS

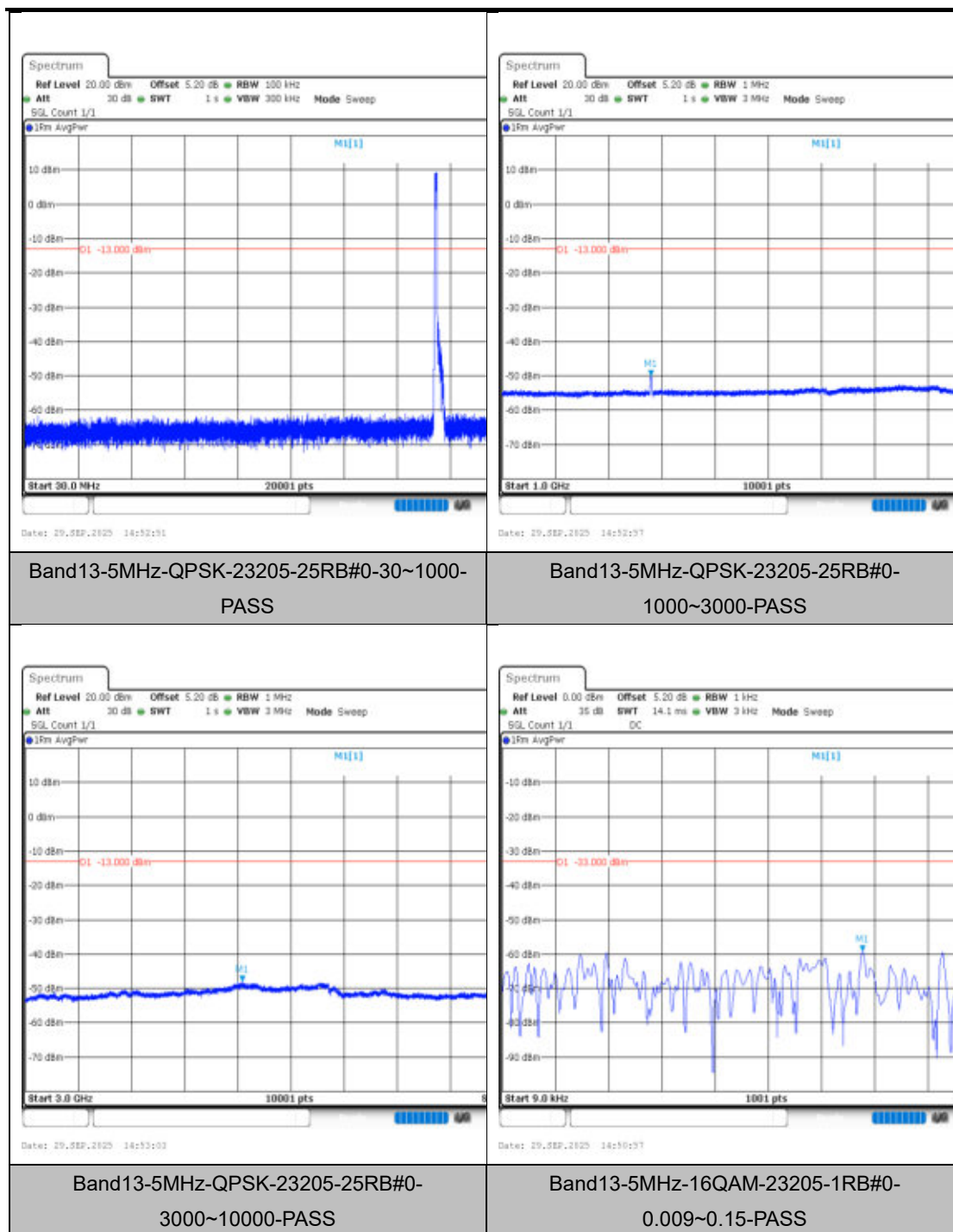
Band13	5MHz	16QAM	23255	1RB#0	3000~10000	-47.80	-13.0	PASS
Band13	5MHz	16QAM	23255	1RB#24	0.009~0.15	-58.13	-33.0	PASS
Band13	5MHz	16QAM	23255	1RB#24	0.15~30	-57.20	-23.0	PASS
Band13	5MHz	16QAM	23255	1RB#24	30~1000	-60.13	-13.0	PASS
Band13	5MHz	16QAM	23255	1RB#24	1000~3000	-43.89	-13.0	PASS
Band13	5MHz	16QAM	23255	1RB#24	3000~10000	-48.26	-13.0	PASS
Band13	5MHz	16QAM	23255	25RB#0	0.009~0.15	-67.06	-33.0	PASS
Band13	5MHz	16QAM	23255	25RB#0	0.15~30	-61.11	-23.0	PASS
Band13	5MHz	16QAM	23255	25RB#0	30~1000	-59.94	-13.0	PASS
Band13	5MHz	16QAM	23255	25RB#0	1000~3000	-50.18	-13.0	PASS
Band13	5MHz	16QAM	23255	25RB#0	3000~10000	-48.10	-13.0	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.009~0.15	-65.19	-33.0	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.15~30	-67.66	-23.0	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	-60.06	-13.0	PASS
Band13	10MHz	QPSK	23230	1RB#0	1000~3000	-50.49	-13.0	PASS
Band13	10MHz	QPSK	23230	1RB#0	3000~10000	-48.26	-13.0	PASS
Band13	10MHz	QPSK	23230	1RB#49	0.009~0.15	-66.51	-33.0	PASS
Band13	10MHz	QPSK	23230	1RB#49	0.15~30	-66.83	-23.0	PASS
Band13	10MHz	QPSK	23230	1RB#49	30~1000	-59.84	-13.0	PASS
Band13	10MHz	QPSK	23230	1RB#49	1000~3000	-49.79	-13.0	PASS
Band13	10MHz	QPSK	23230	1RB#49	3000~10000	-48.37	-13.0	PASS
Band13	10MHz	QPSK	23230	50RB#0	0.009~0.15	-66.00	-33.0	PASS
Band13	10MHz	QPSK	23230	50RB#0	0.15~30	-70.07	-23.0	PASS
Band13	10MHz	QPSK	23230	50RB#0	30~1000	-59.55	-13.0	PASS
Band13	10MHz	QPSK	23230	50RB#0	1000~3000	-52.46	-13.0	PASS
Band13	10MHz	QPSK	23230	50RB#0	3000~10000	-48.16	-13.0	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.009~0.15	-62.63	-33.0	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.15~30	-63.20	-23.0	PASS
Band13	10MHz	16QAM	23230	1RB#0	30~1000	-59.57	-13.0	PASS
Band13	10MHz	16QAM	23230	1RB#0	1000~3000	-49.24	-13.0	PASS
Band13	10MHz	16QAM	23230	1RB#0	3000~10000	-47.97	-13.0	PASS
Band13	10MHz	16QAM	23230	1RB#49	0.009~0.15	-64.93	-33.0	PASS
Band13	10MHz	16QAM	23230	1RB#49	0.15~30	-63.80	-23.0	PASS
Band13	10MHz	16QAM	23230	1RB#49	30~1000	-60.23	-13.0	PASS
Band13	10MHz	16QAM	23230	1RB#49	1000~3000	-49.59	-13.0	PASS
Band13	10MHz	16QAM	23230	1RB#49	3000~10000	-48.27	-13.0	PASS
Band13	10MHz	16QAM	23230	50RB#0	0.009~0.15	-66.80	-33.0	PASS
Band13	10MHz	16QAM	23230	50RB#0	0.15~30	-69.58	-23.0	PASS
Band13	10MHz	16QAM	23230	50RB#0	30~1000	-60.08	-13.0	PASS
Band13	10MHz	16QAM	23230	50RB#0	1000~3000	-52.62	-13.0	PASS
Band13	10MHz	16QAM	23230	50RB#0	3000~10000	-48.12	-13.0	PASS

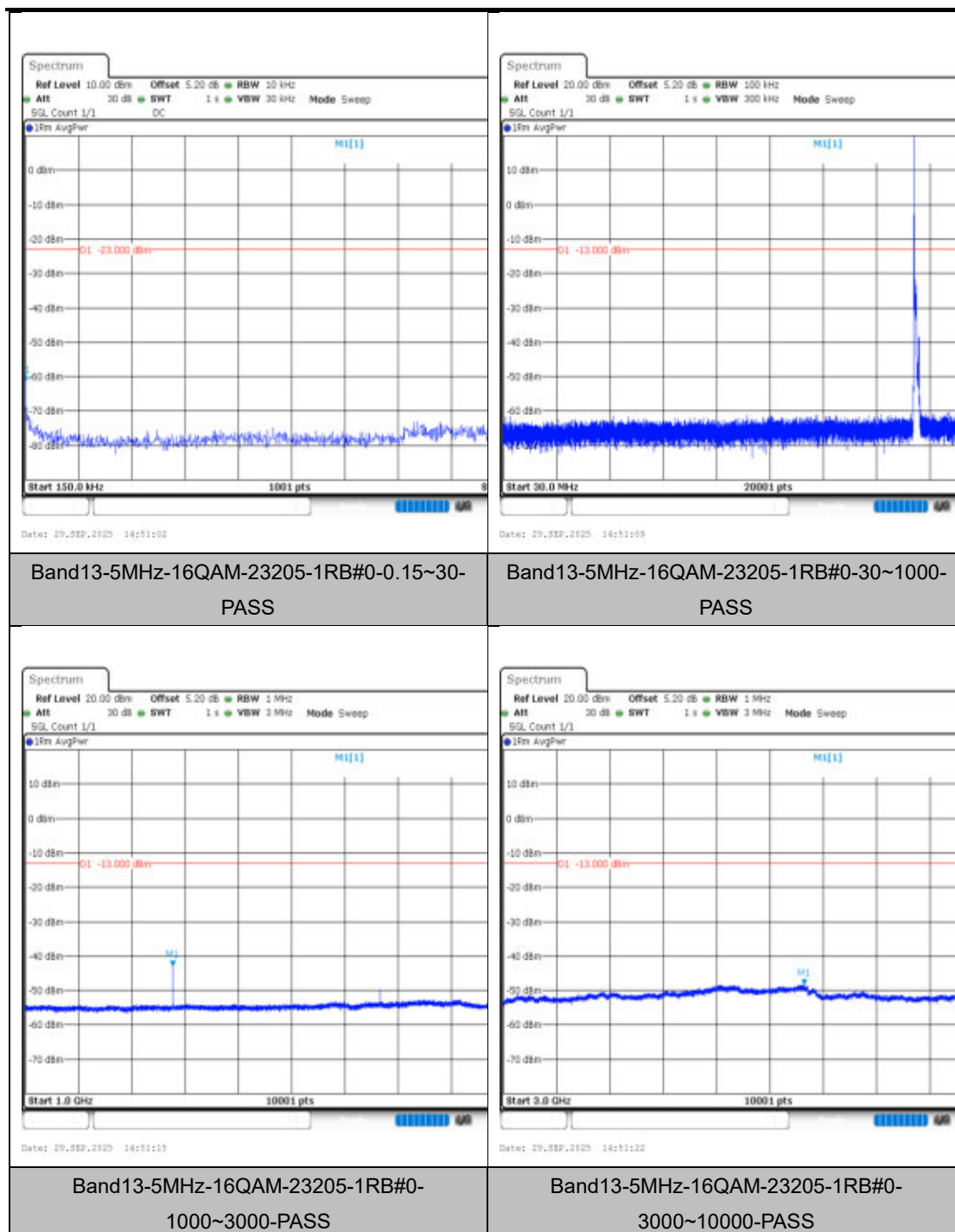
Test Graphs

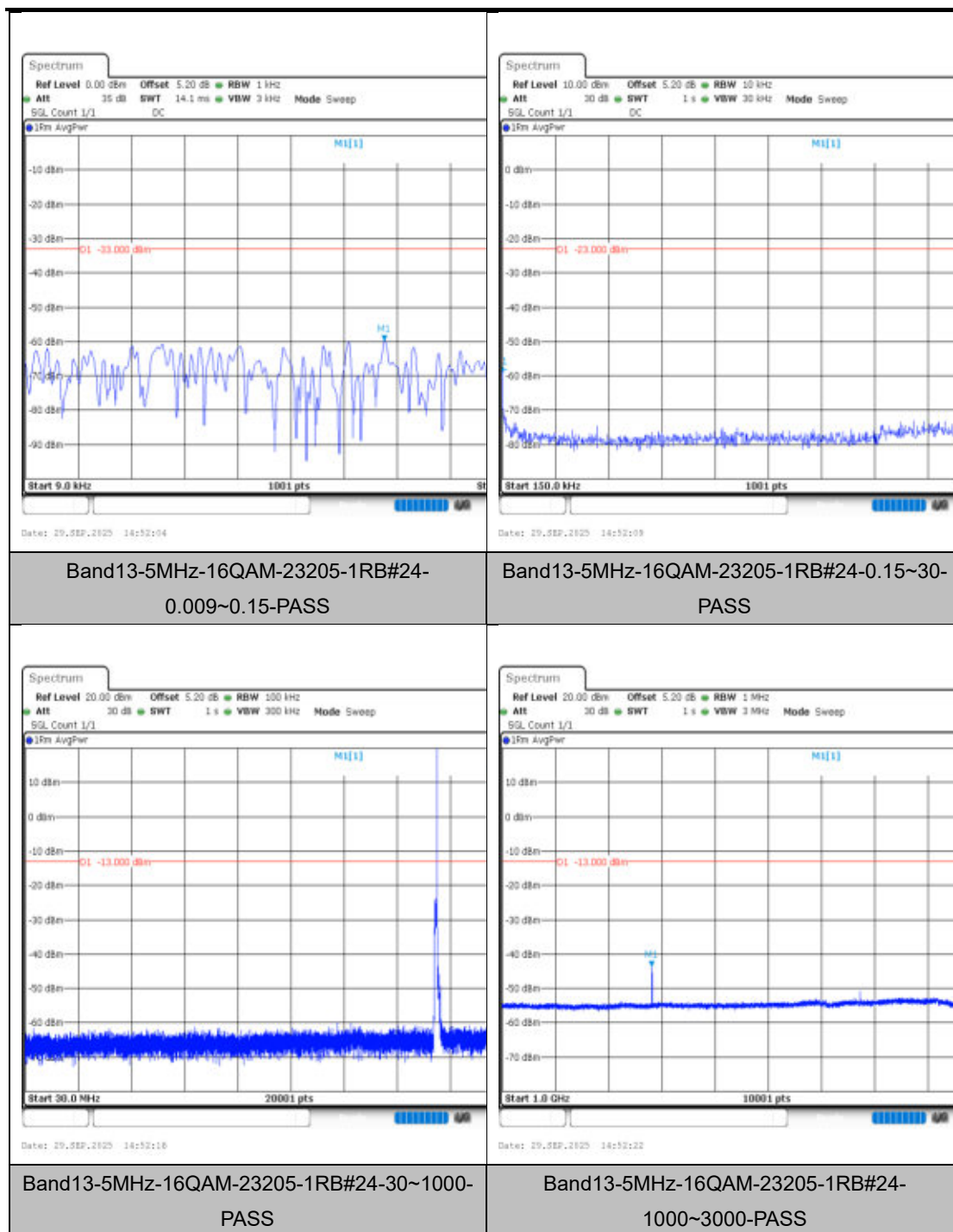


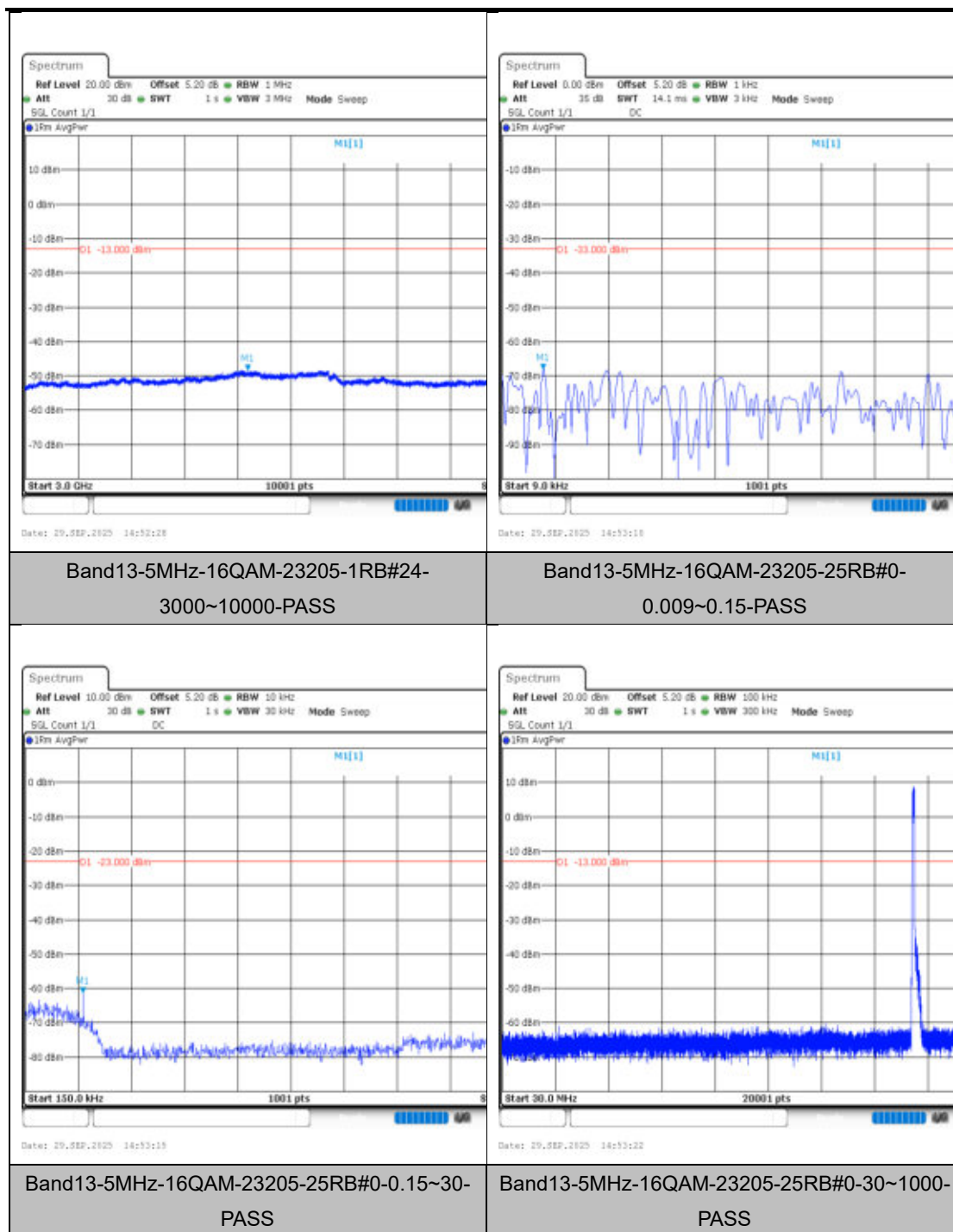


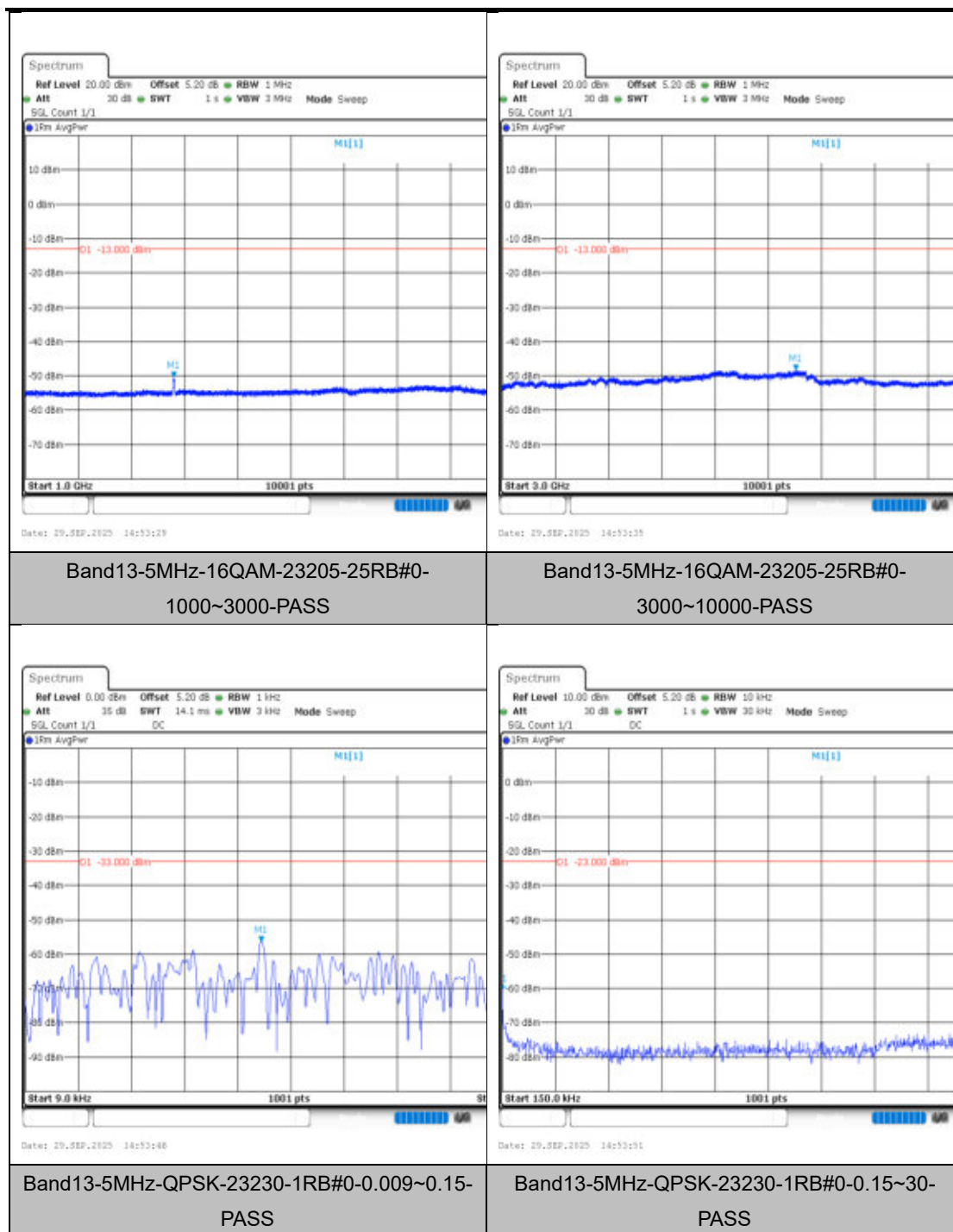


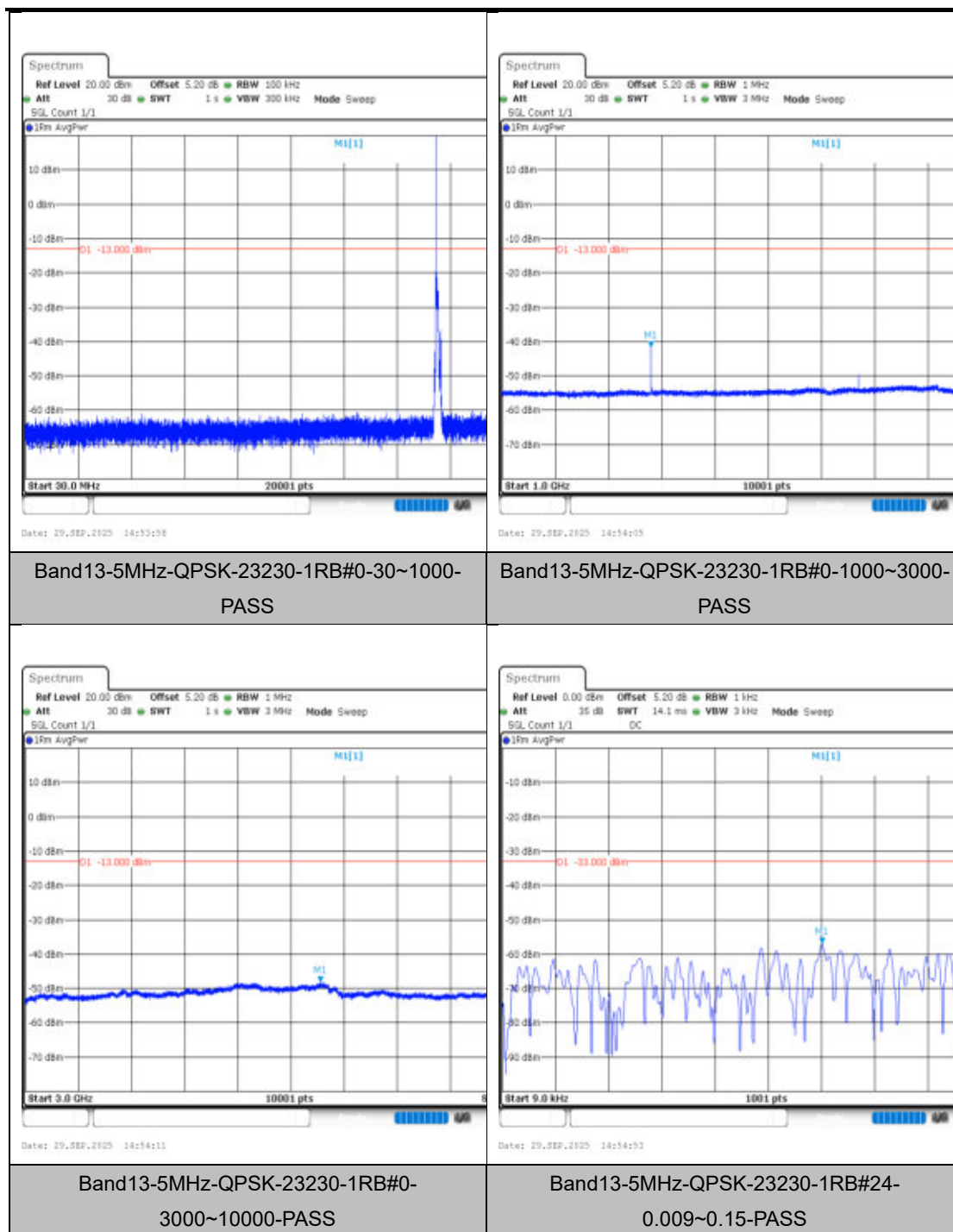


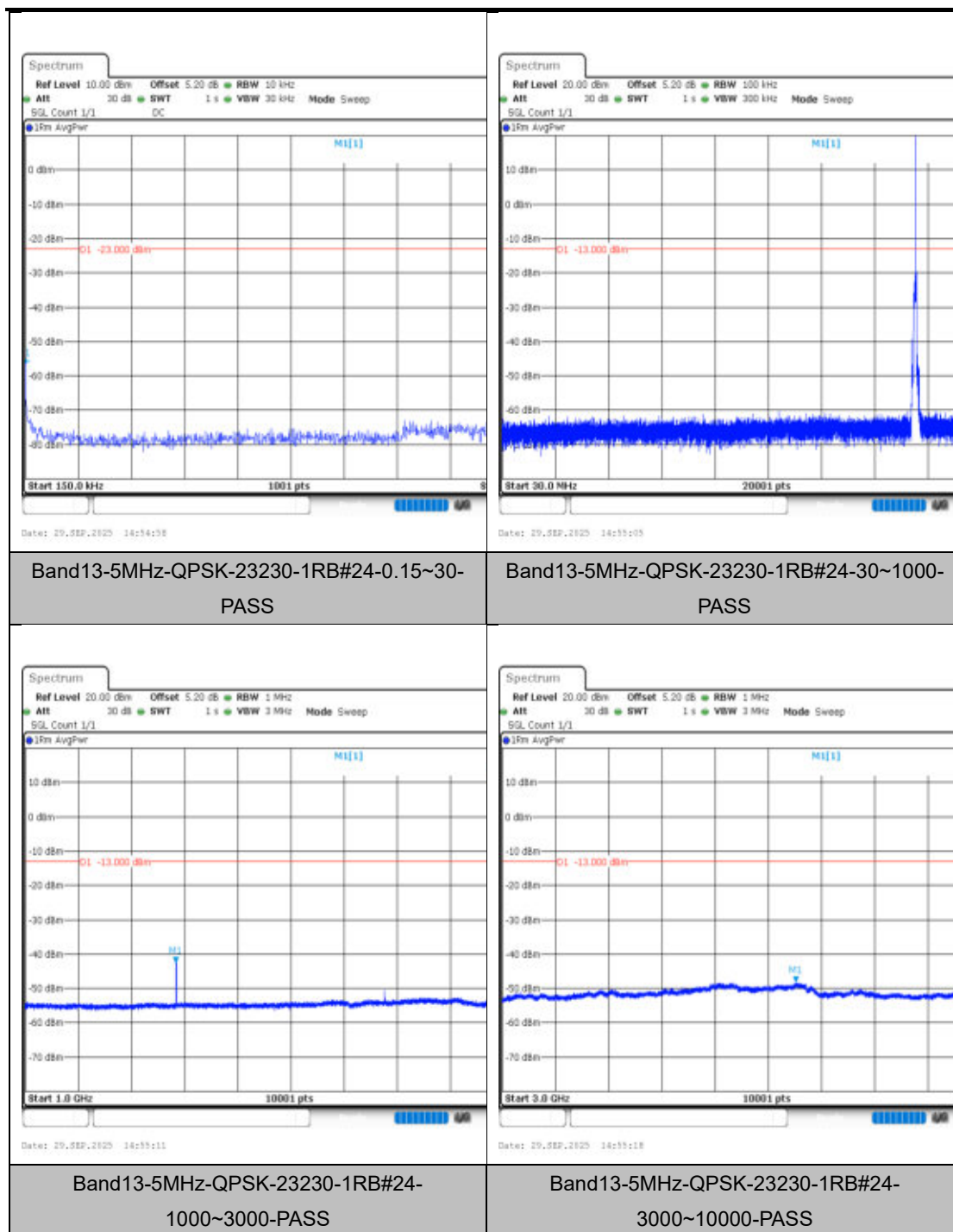


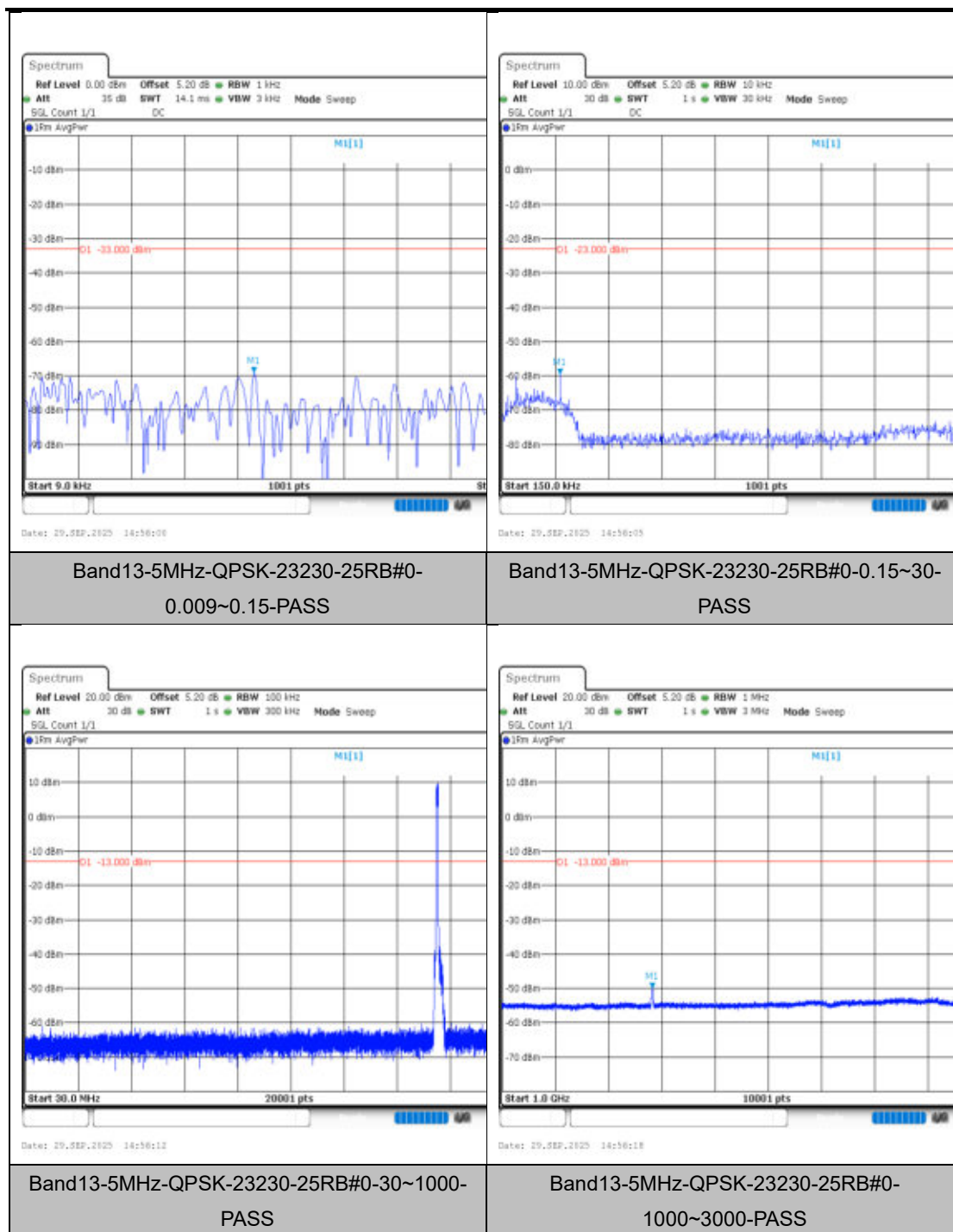


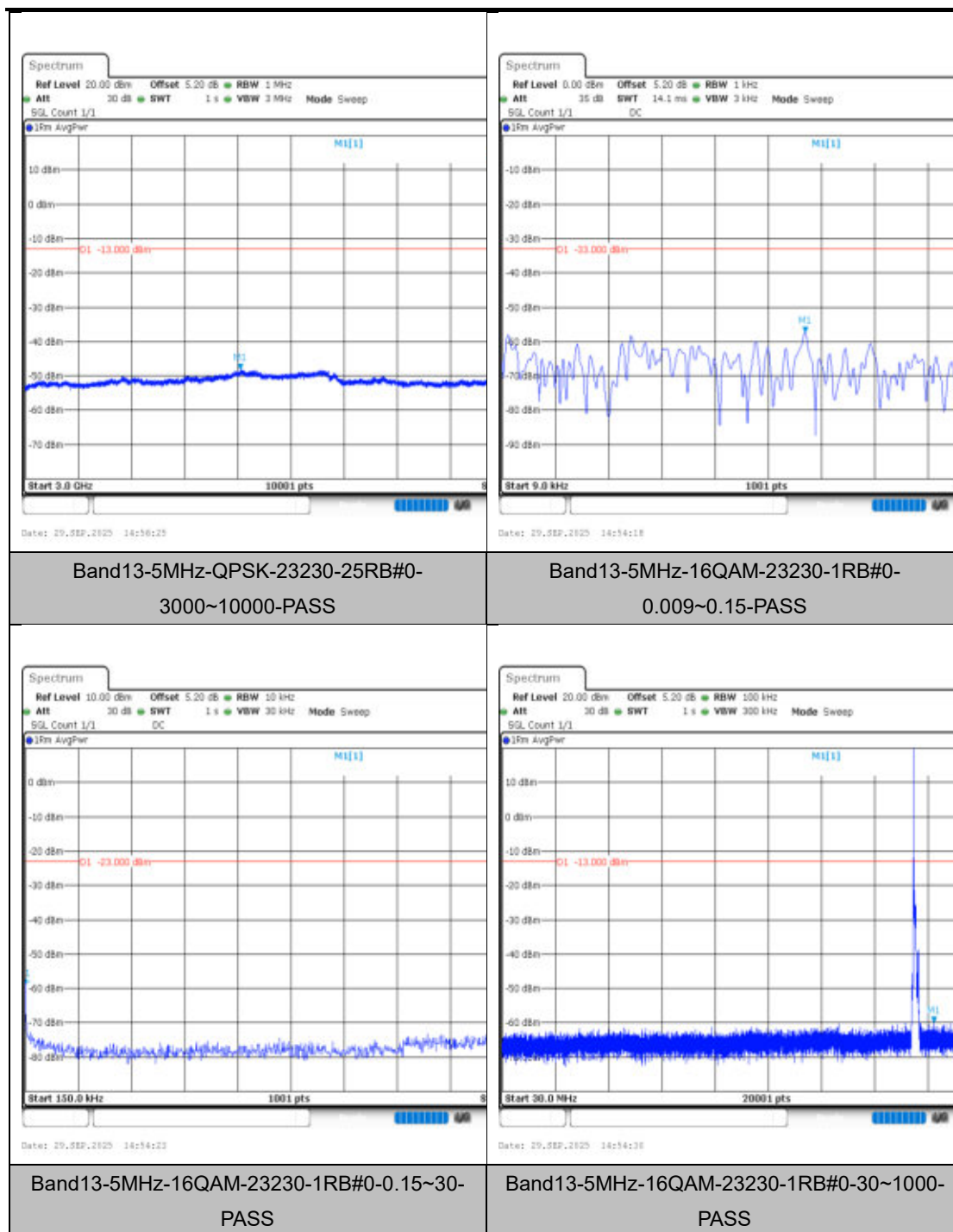


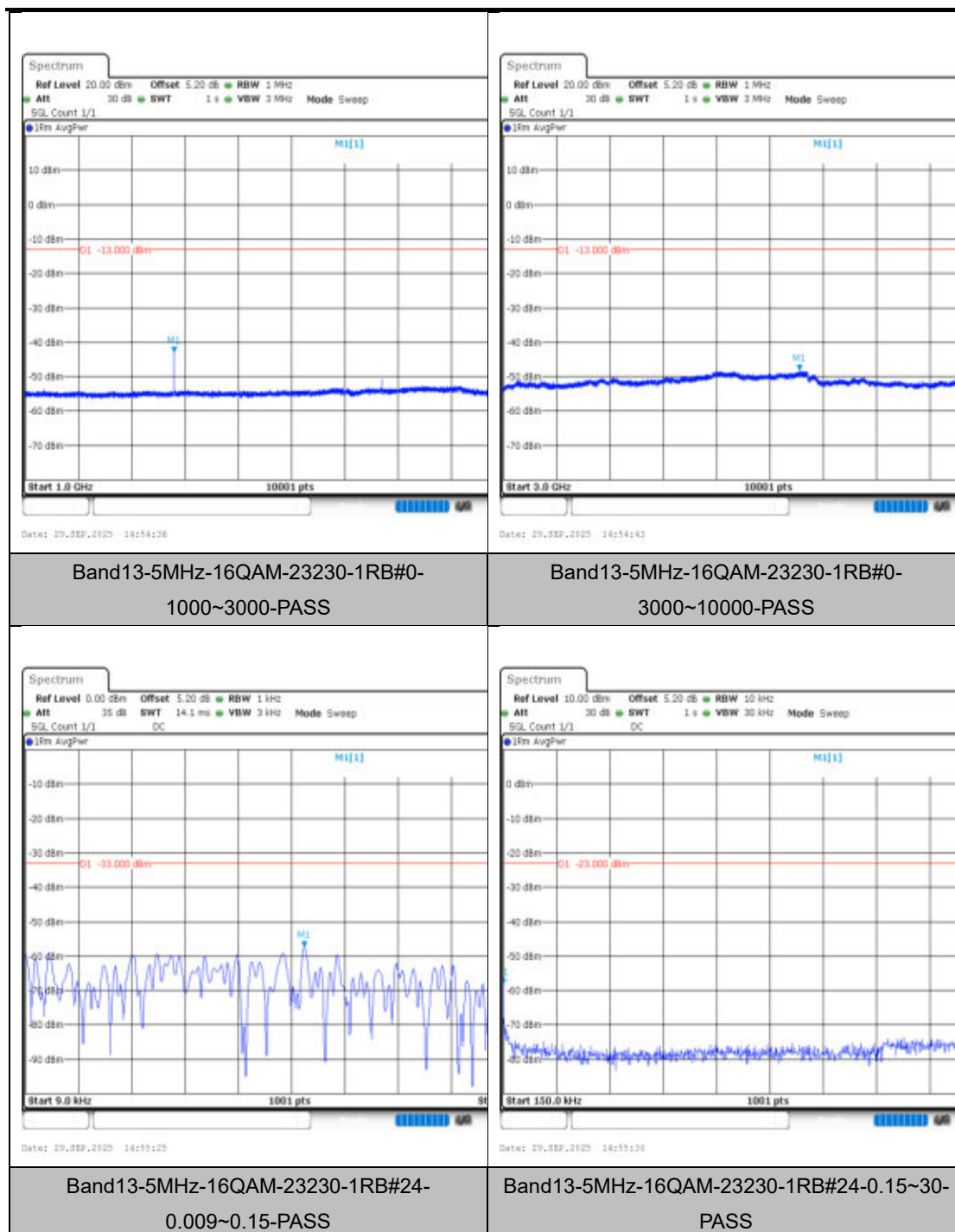


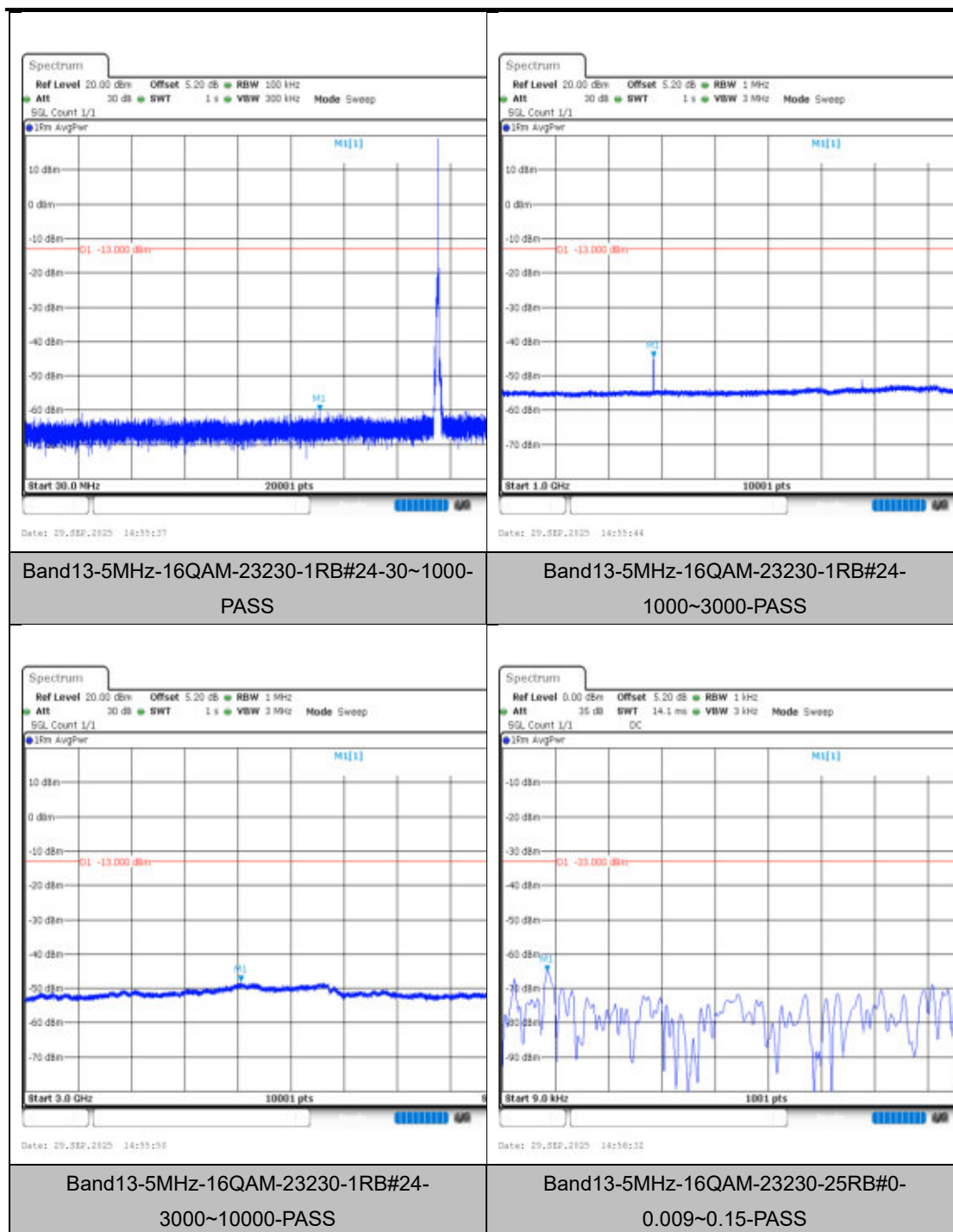


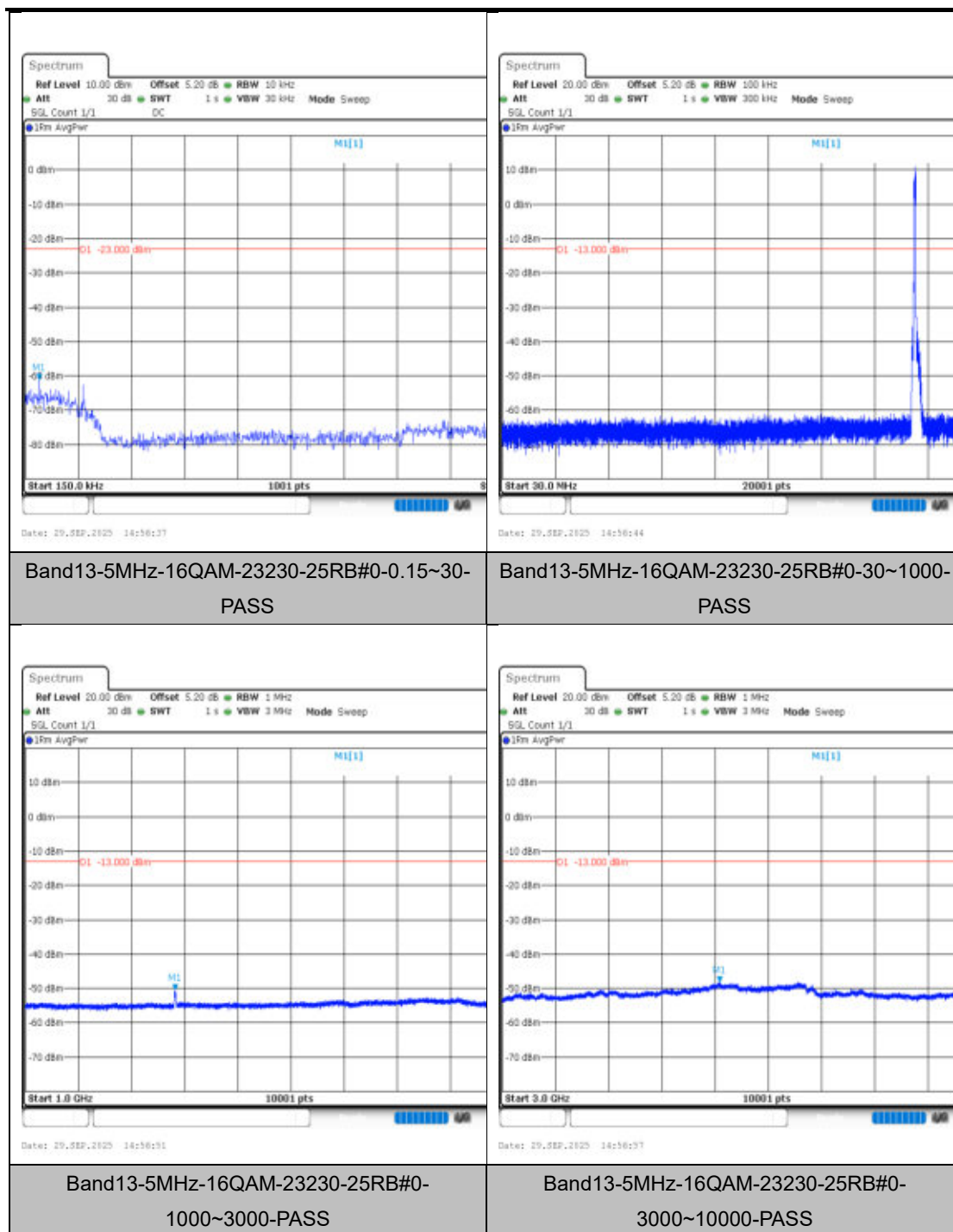


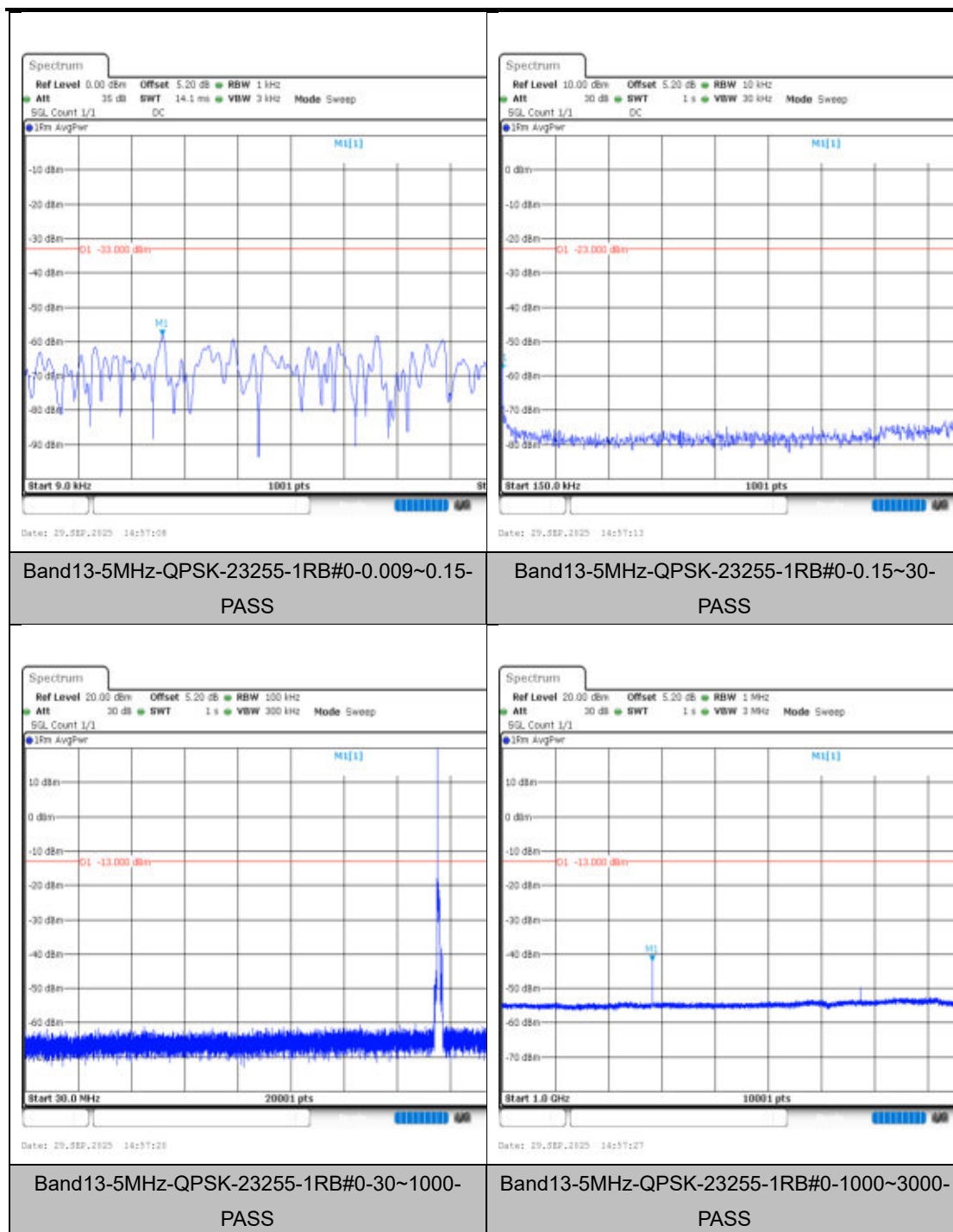


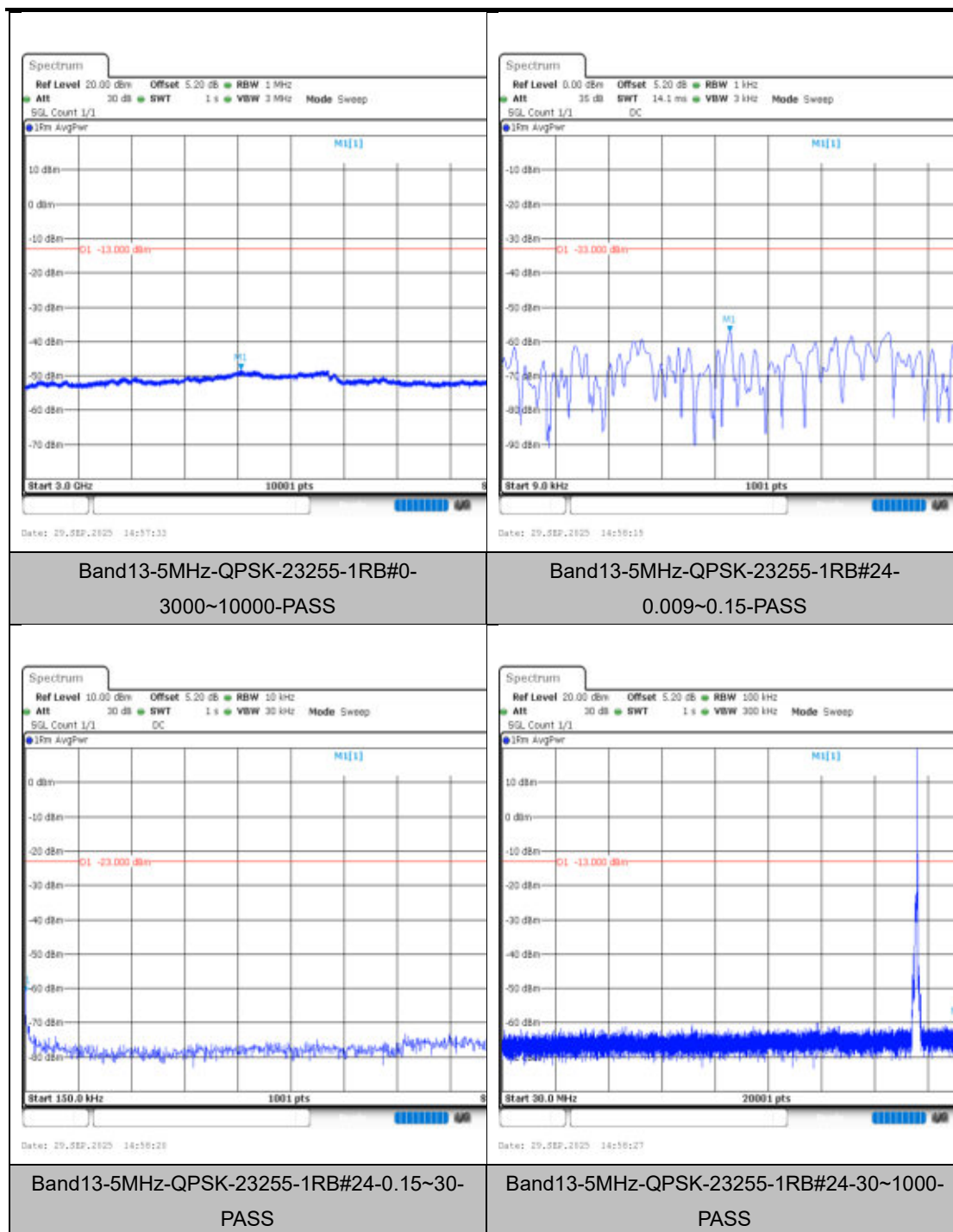


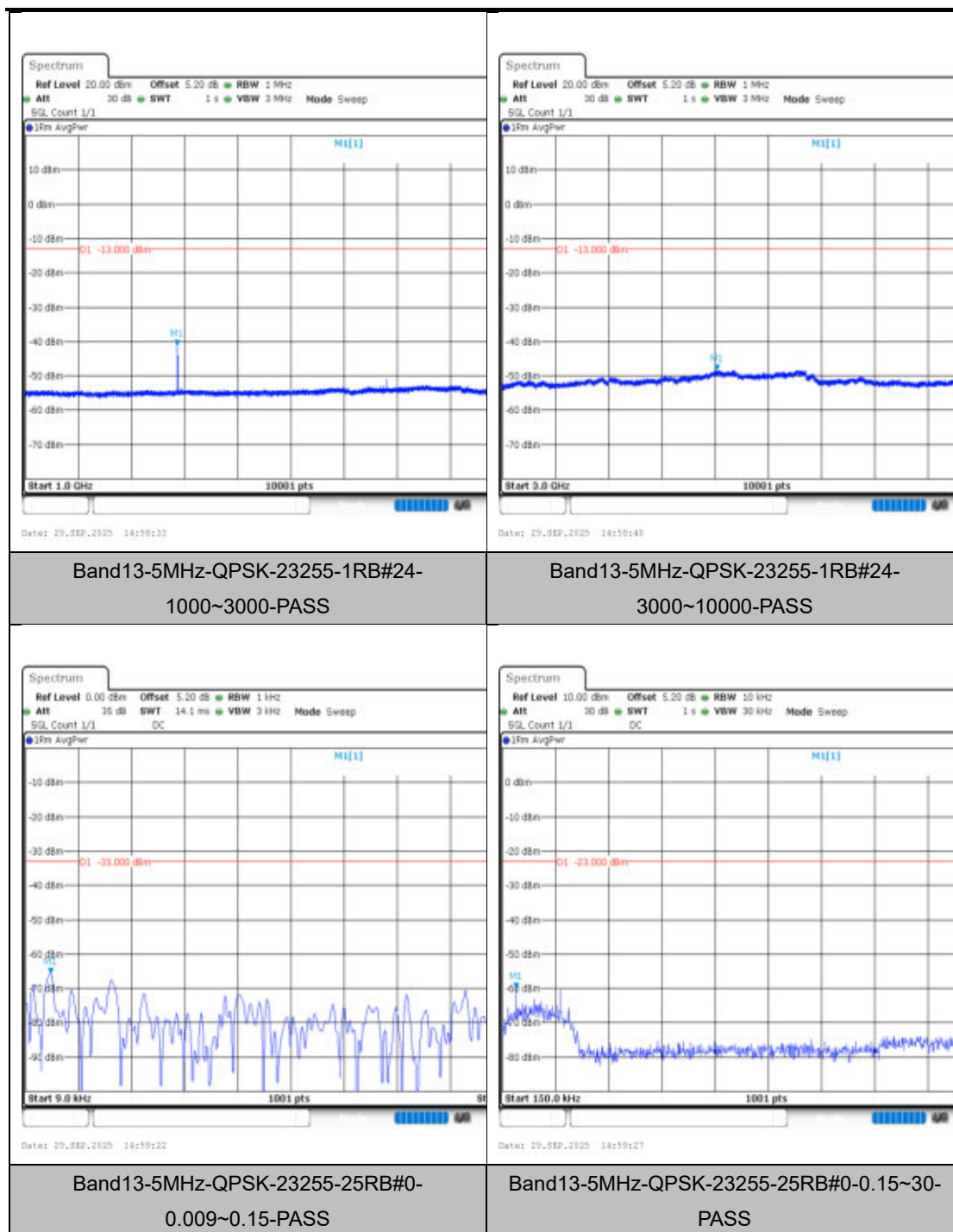


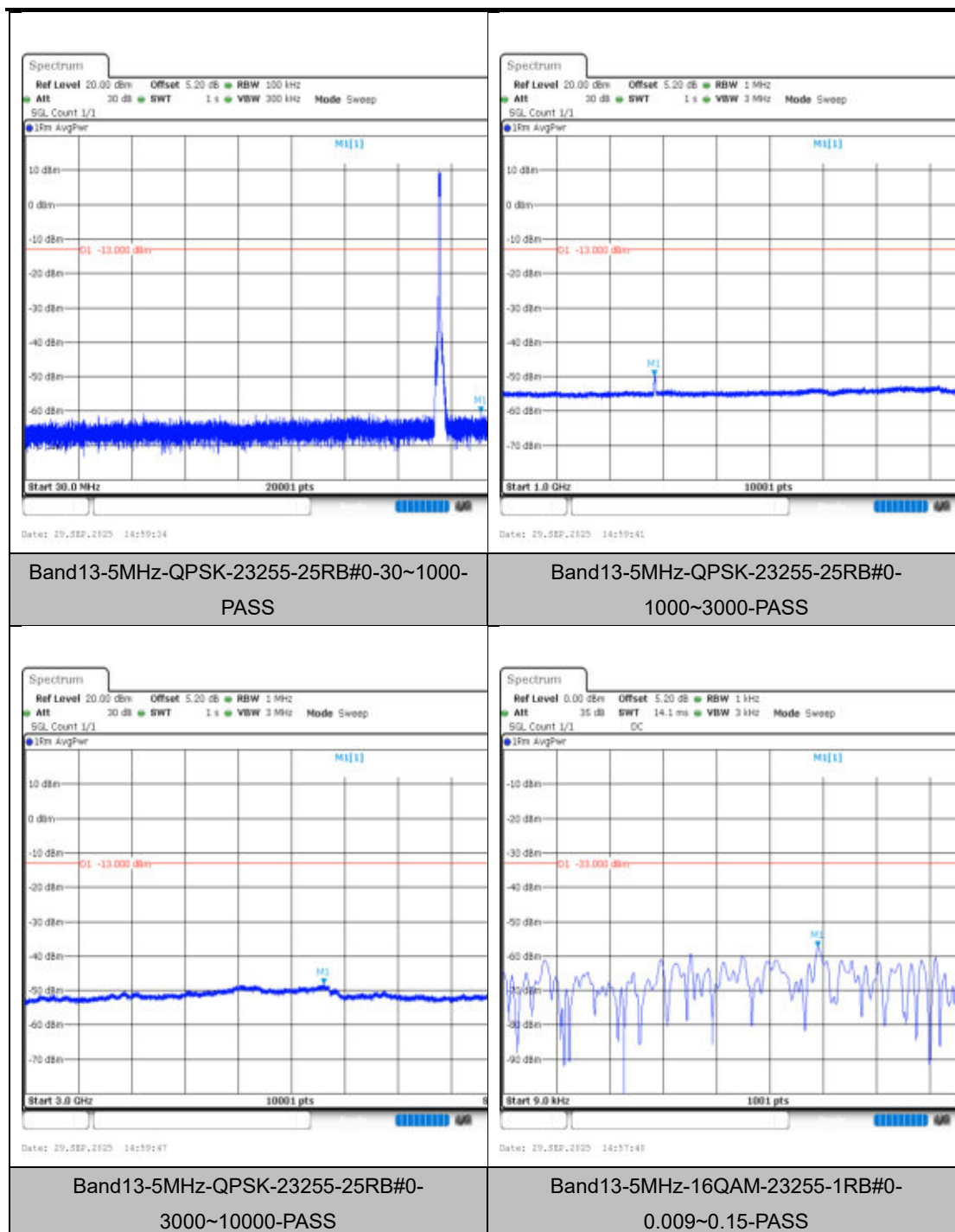


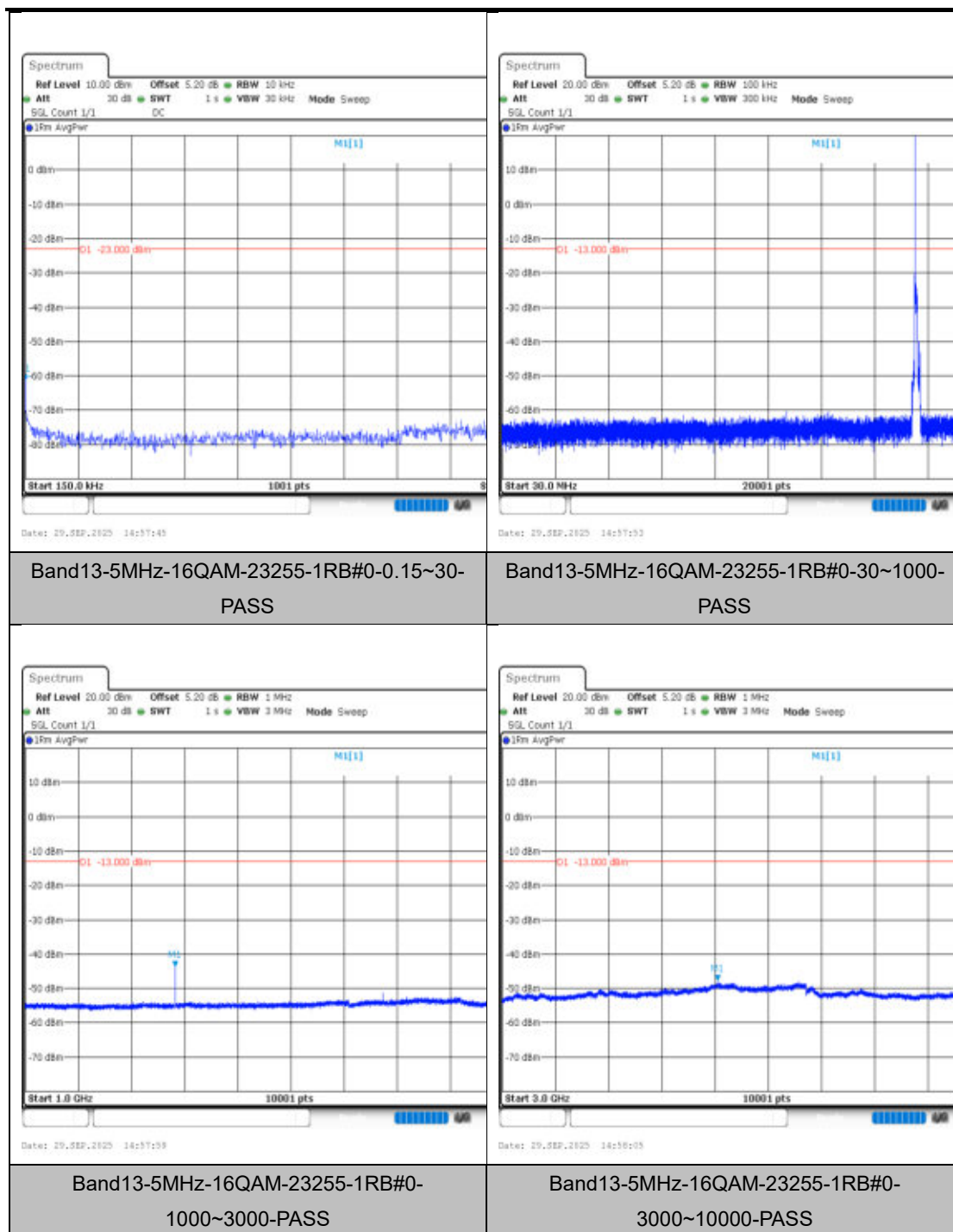


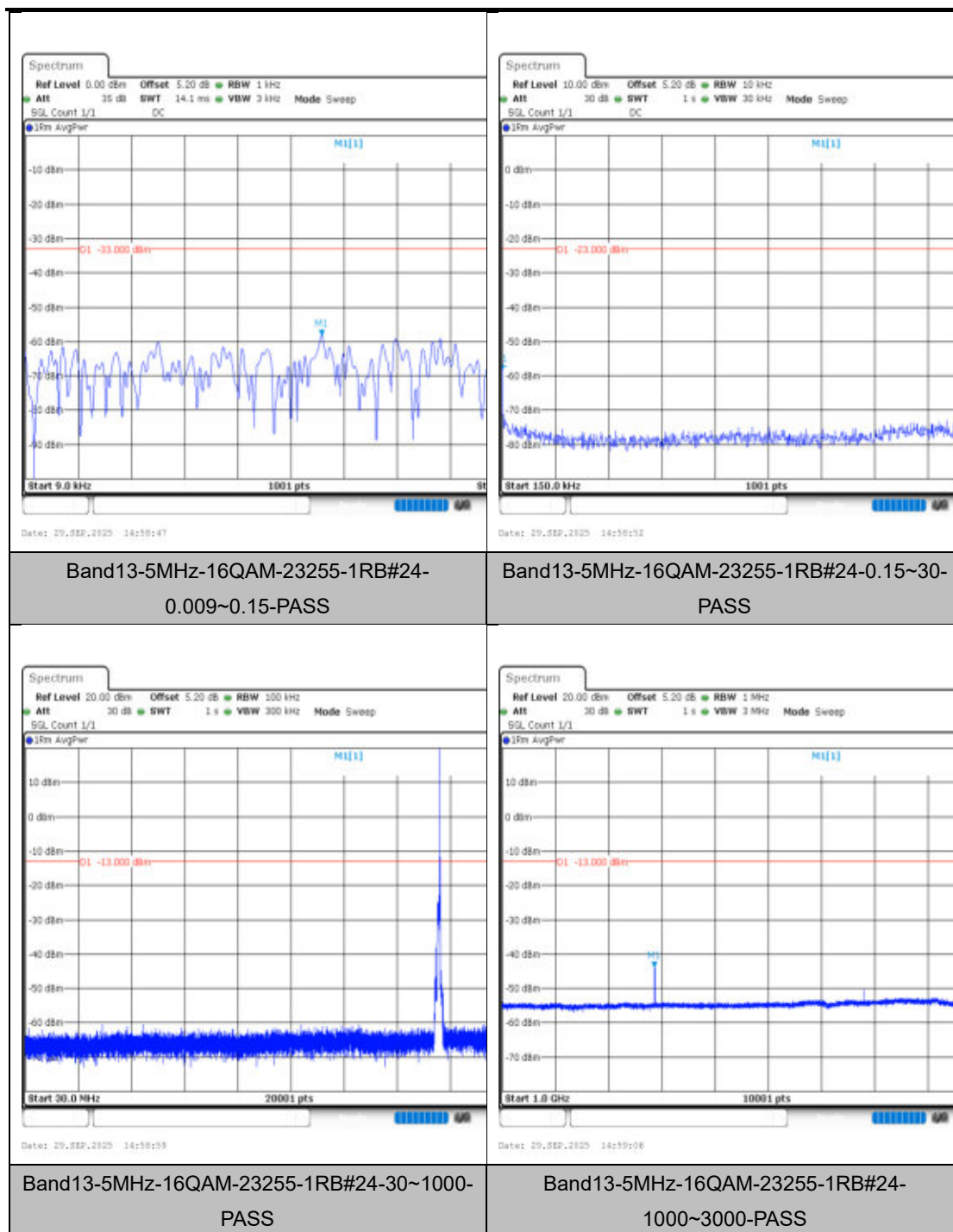


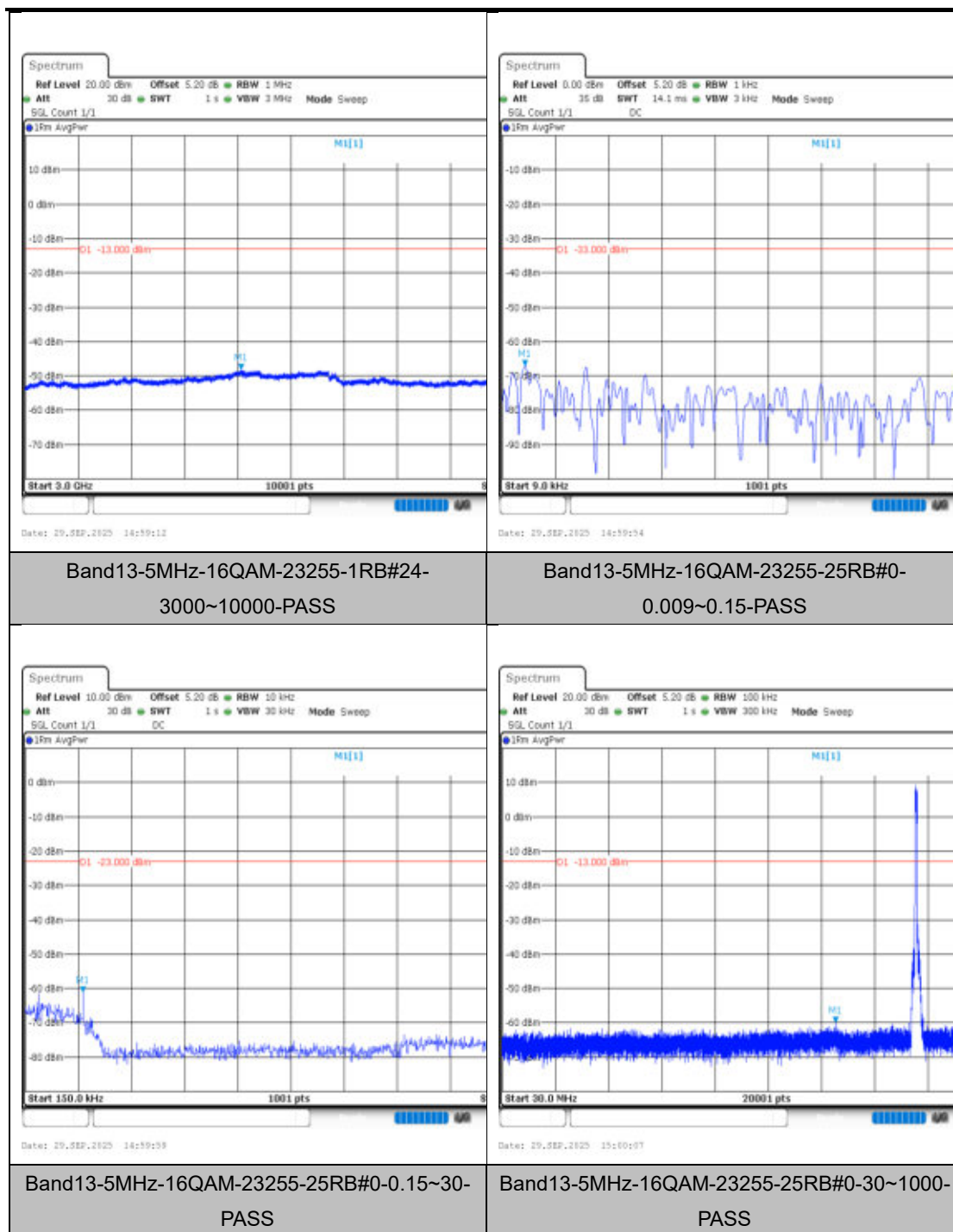


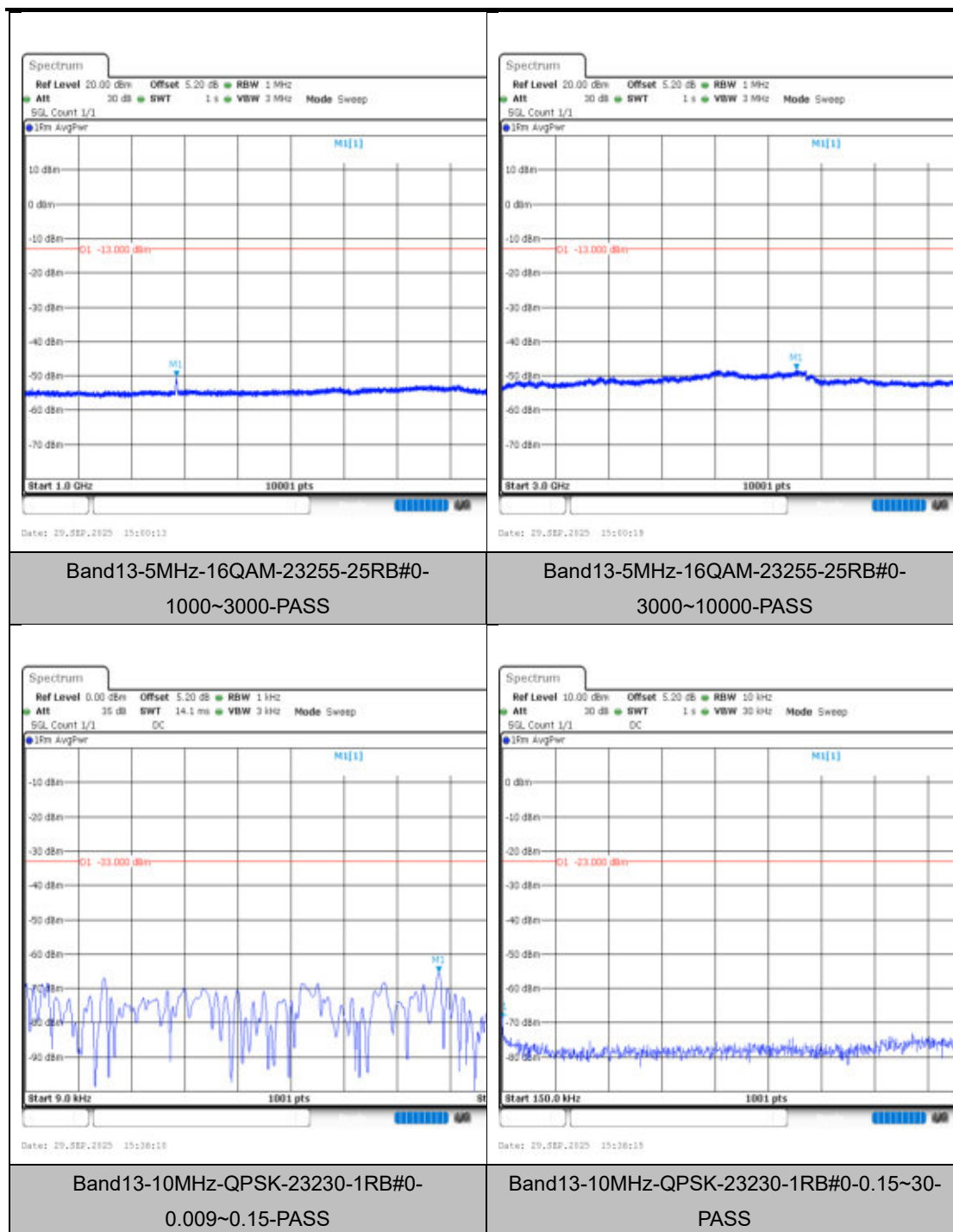


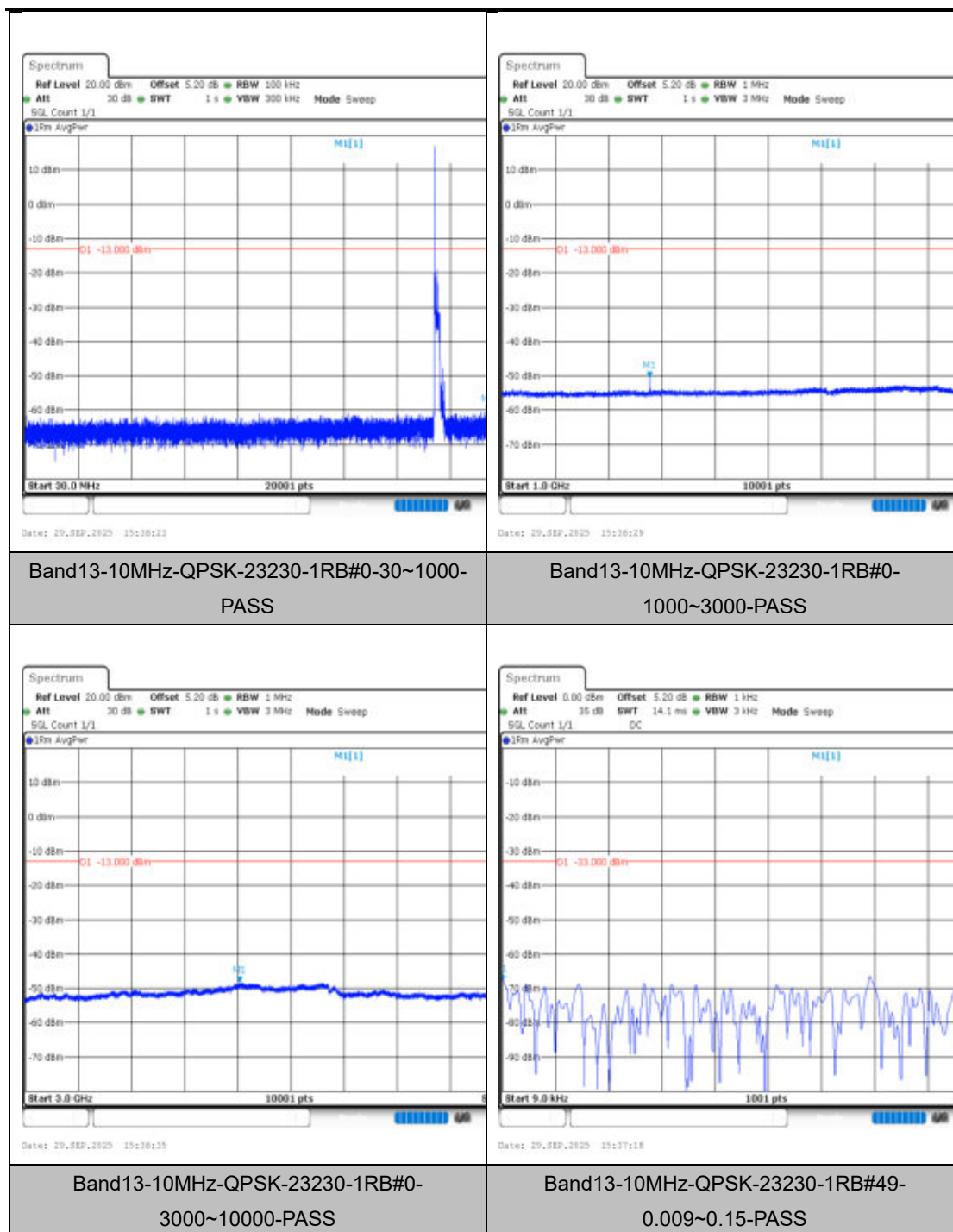


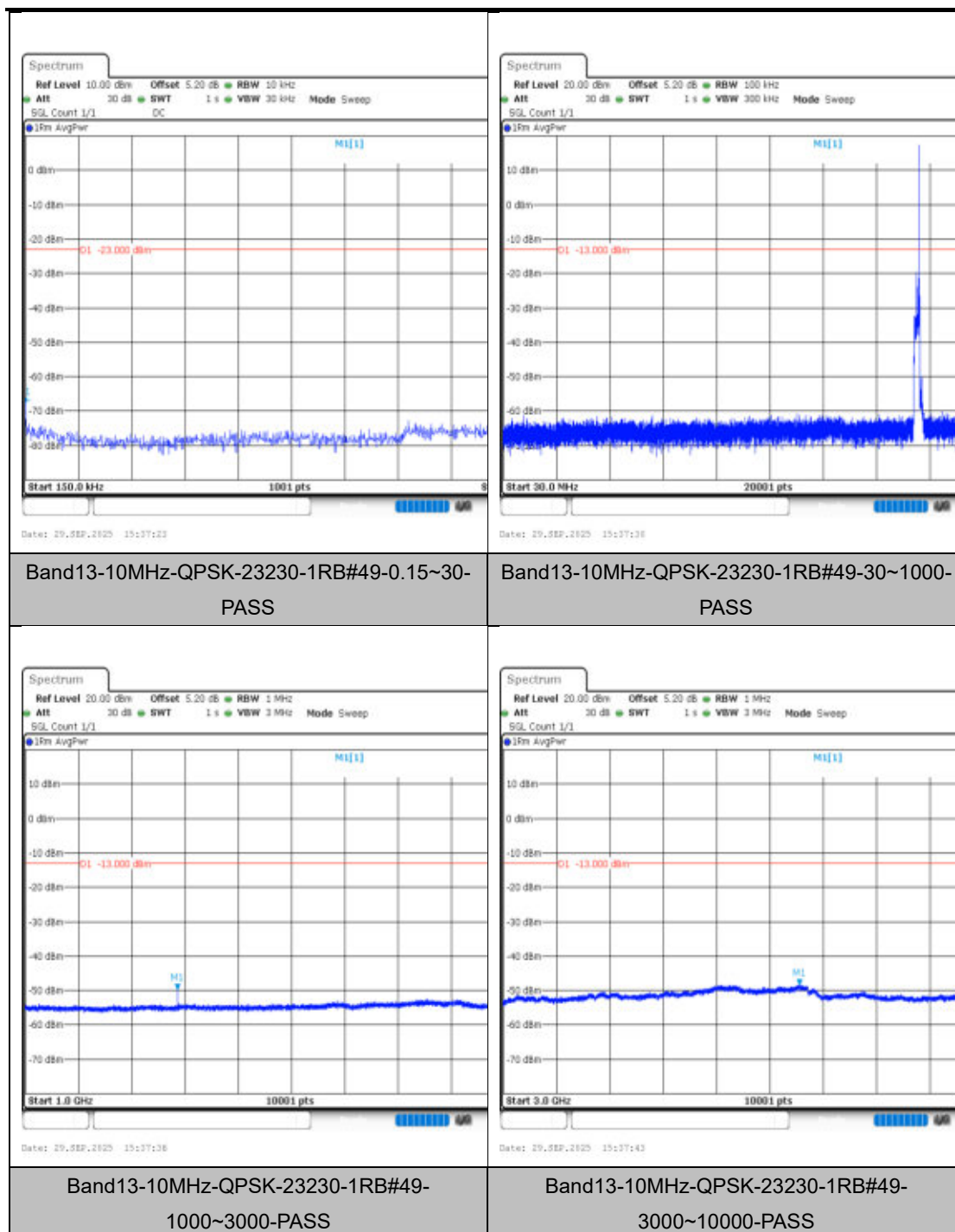


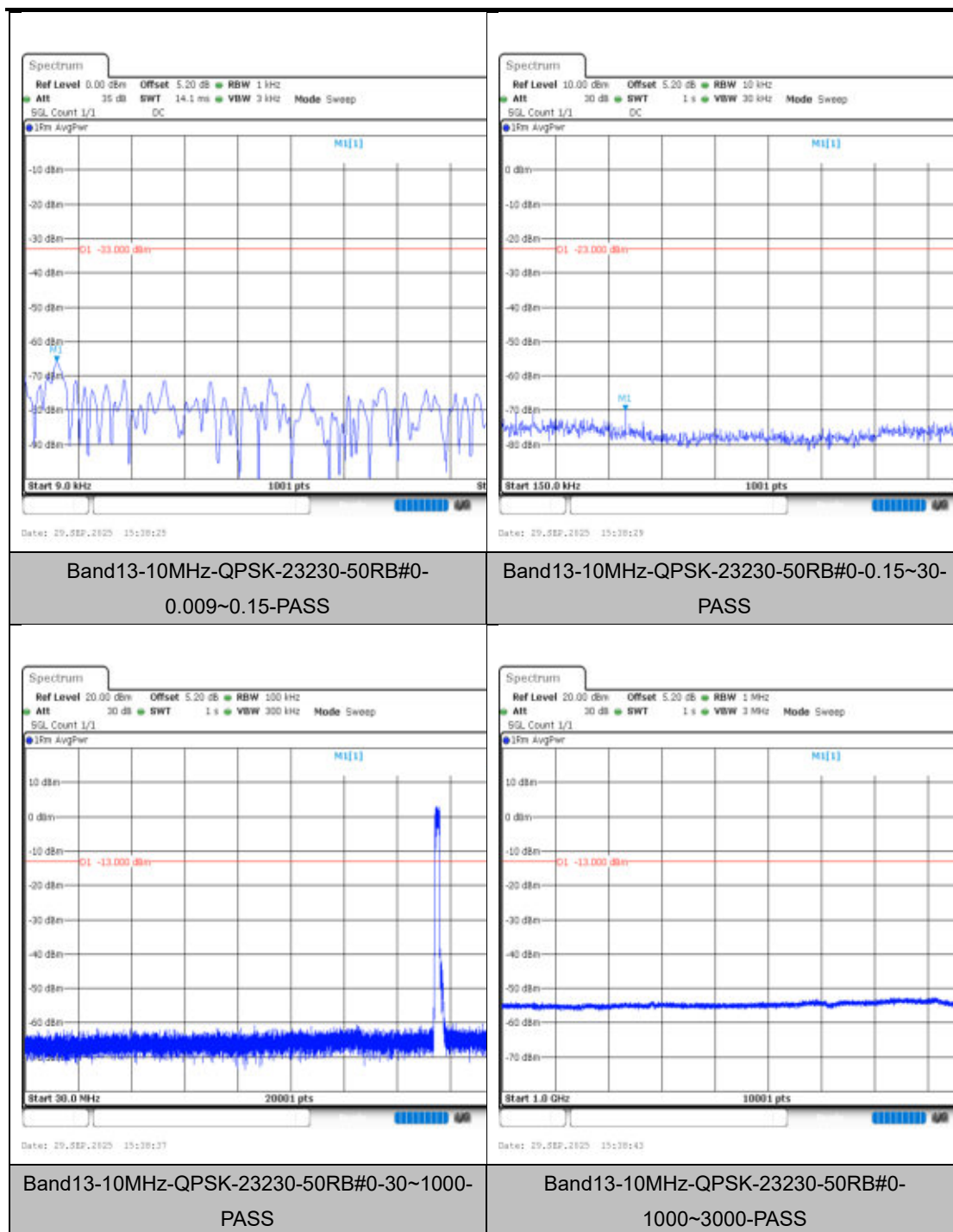


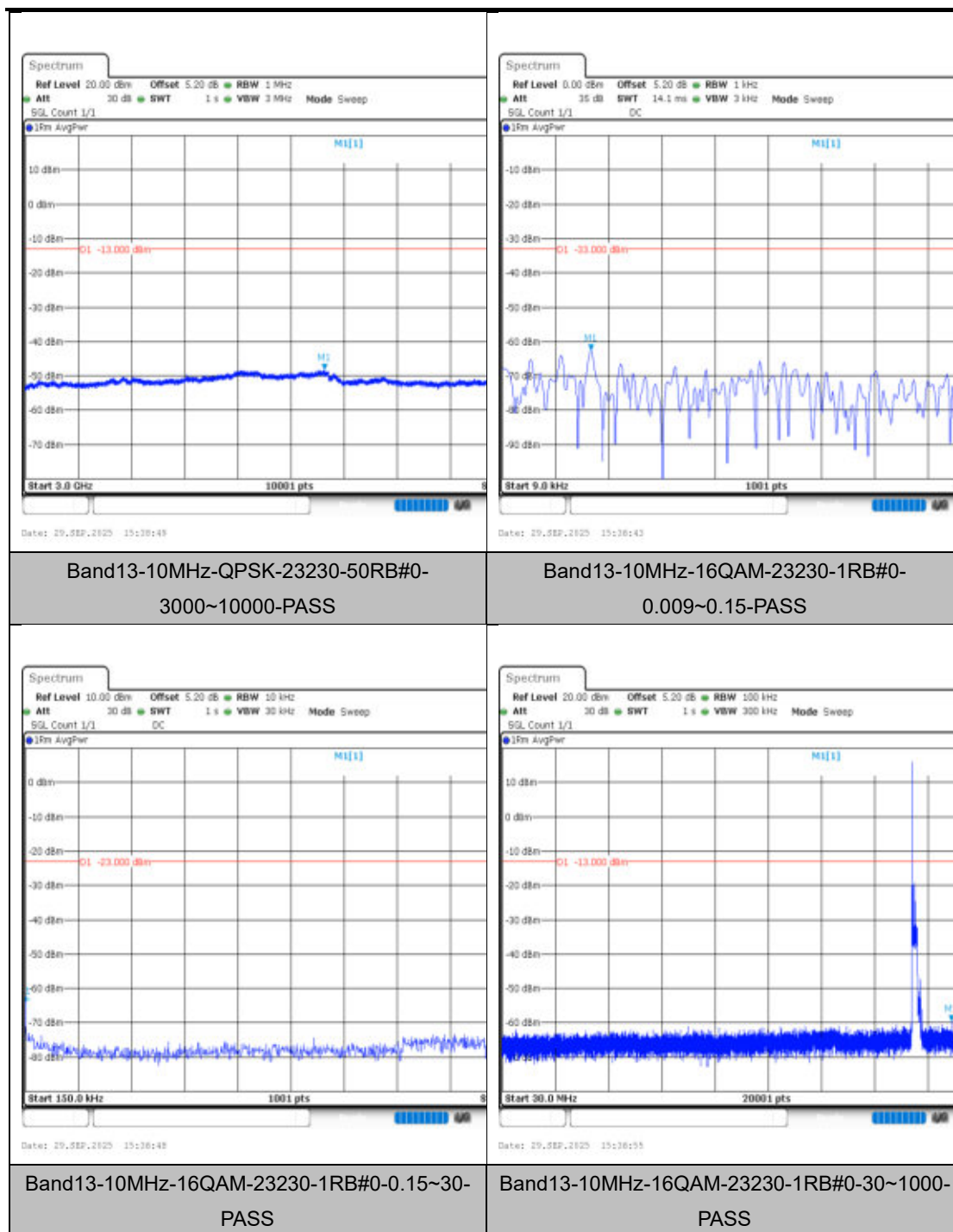


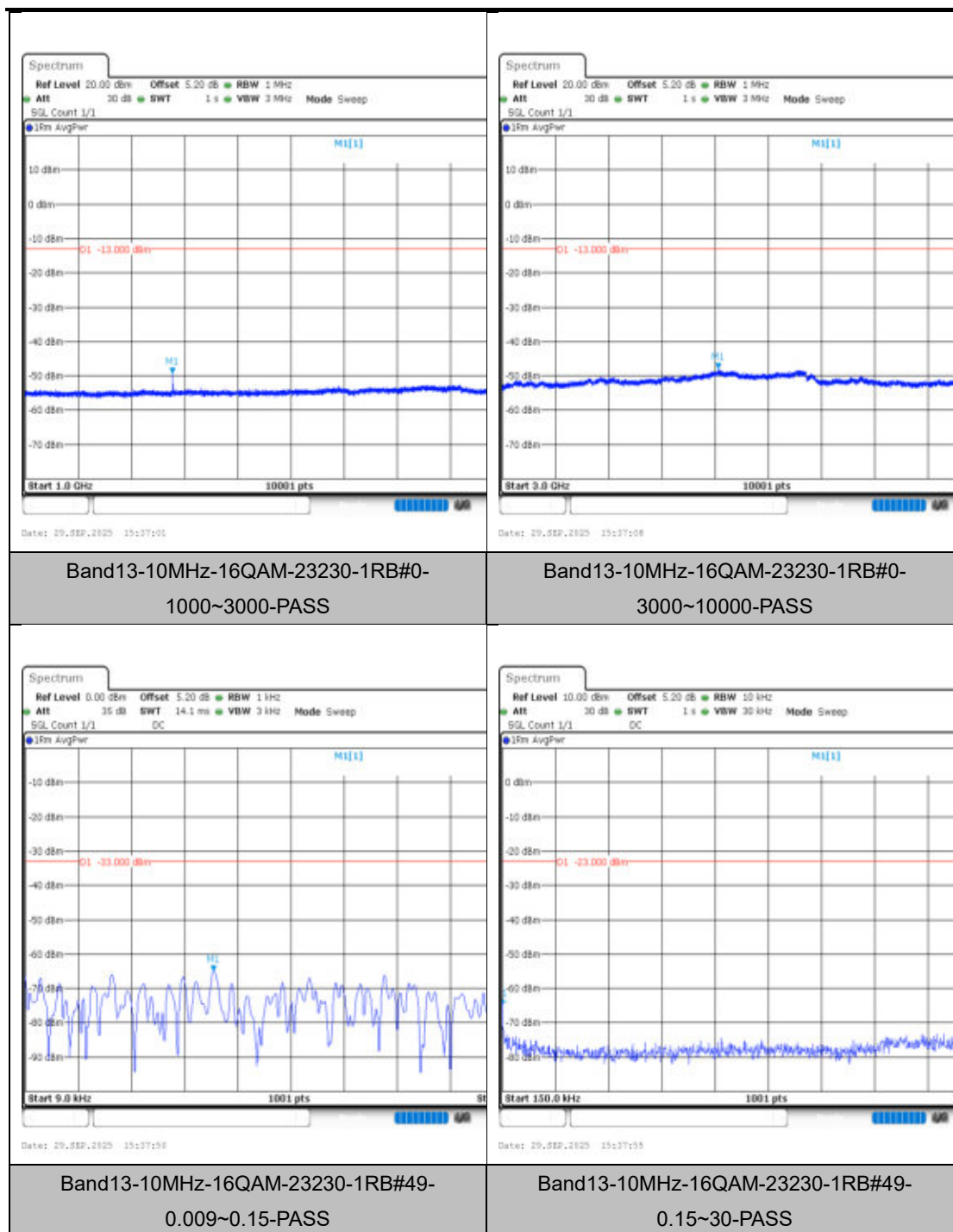


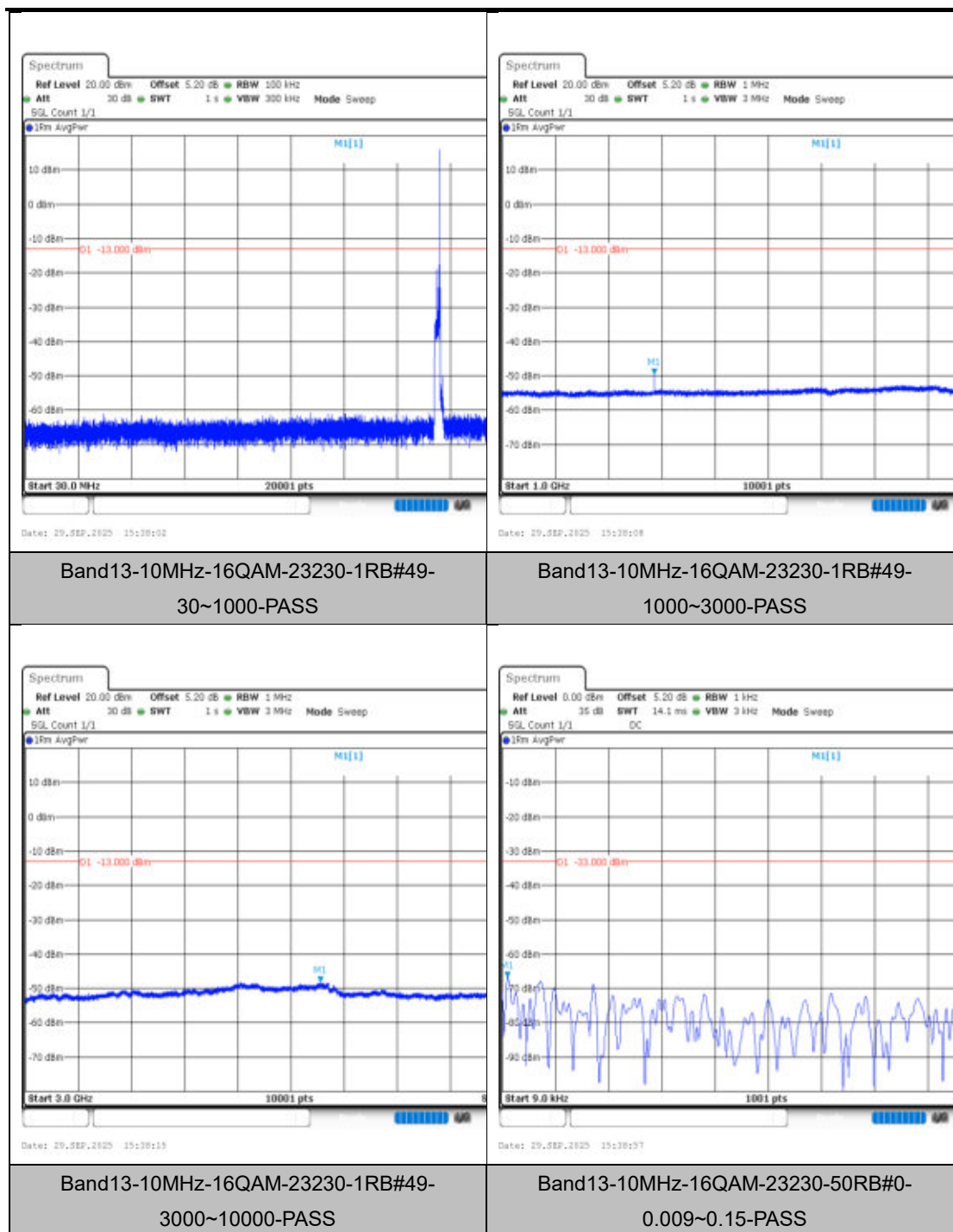


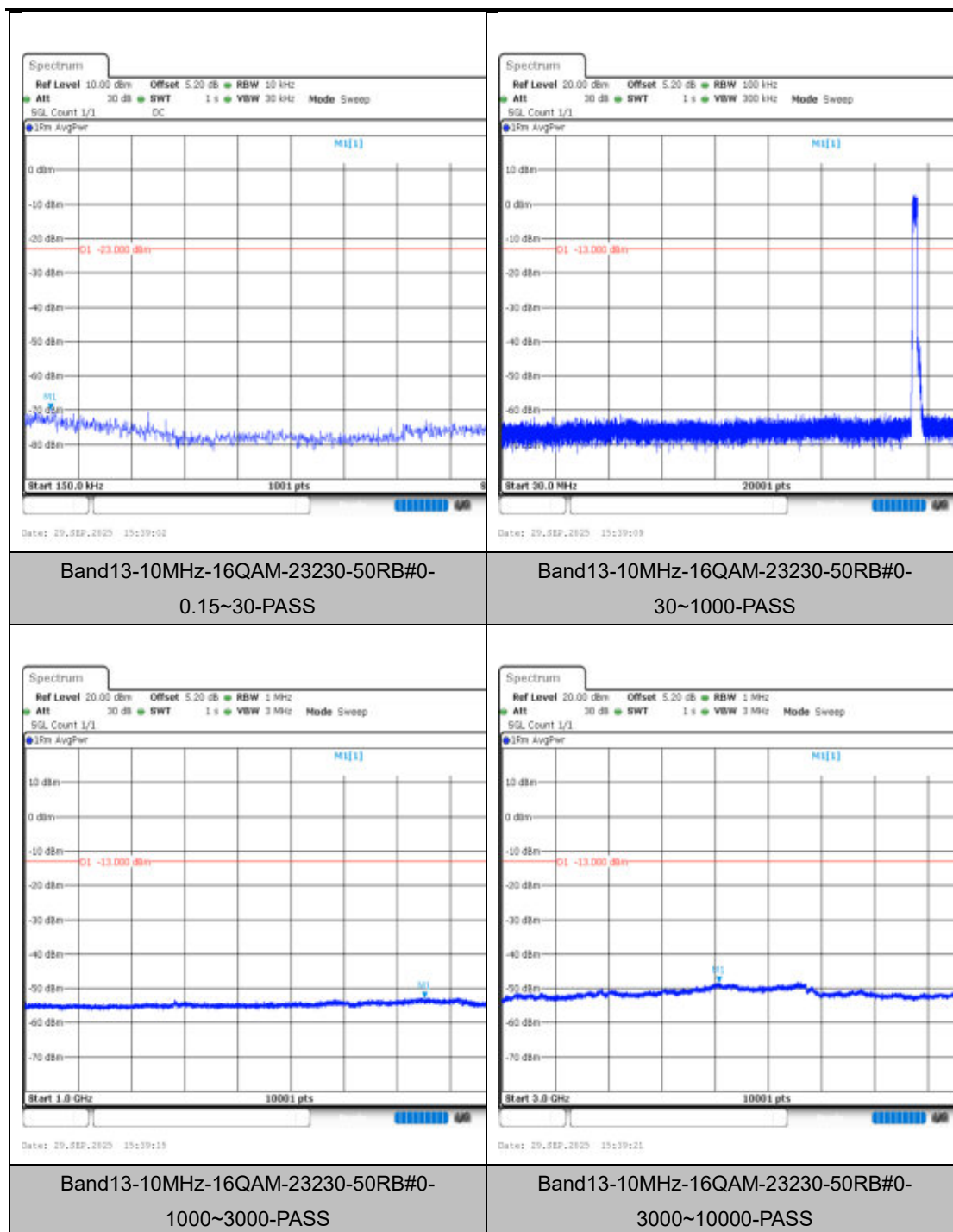












Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth h	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	10000.00	12.828736	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	10000.00	12.828736	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	10000.00	12.828736	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	5000.00	6.393862	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	5000.00	6.393862	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	5000.00	6.393862	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	5000.00	6.373486	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	5000.00	6.373486	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	0.00	0.000000	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-10000.00	-12.787724	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	0.00	0.000000	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	0.00	0.000000	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	0.00	0.000000	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	0.00	0.000000	±NA	PASS

Temperature										
Band	Bandwidth h	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	0.00	0.000000	±NA	PASS

Band13	5MHz	QPSK	23205	25RB#0	NV	30	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	10000.00	12.828736	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	5000.00	6.414368	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	5000.00	6.414368	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	10000.00	12.828736	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	10000.00	12.828736	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	10000.00	12.828736	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	5000.00	6.414368	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	5000.00	6.414368	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	10000.00	12.828736	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	5000.00	6.393862	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	0.00	0.000000	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	5000.00	6.393862	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	5000.00	6.393862	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	5000.00	6.393862	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	5000.00	6.393862	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	5000.00	6.393862	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	5000.00	6.393862	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	5000.00	6.393862	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	5000.00	6.393862	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	5000.00	6.393862	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	5000.00	6.373486	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	5000.00	6.373486	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	5000.00	6.373486	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	5000.00	6.373486	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	5000.00	6.373486	±NA	PASS

Band13	5MHz	16QAM	23255	25RB#0	NV	0	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	0.00	0.000000	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	5000.00	6.373486	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	5000.00	6.373486	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	5000.00	6.373486	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	5000.00	6.373486	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	0.00	0.000000	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	0.00	0.000000	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	0.00	0.000000	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	0.00	0.000000	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	0.00	0.000000	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	0.00	0.000000	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	0.00	0.000000	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	0.00	0.000000	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-10000.00	-12.787724	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	0.00	0.000000	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	0.00	0.000000	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	0.00	0.000000	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	0.00	0.000000	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	0.00	0.000000	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	0.00	0.000000	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	0.00	0.000000	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	0.00	0.000000	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	0.00	0.000000	±NA	PASS

