

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	24.24	21.33	PASS
Band13	5MHz	QPSK	23205	1RB#12	24.02	21.11	PASS
Band13	5MHz	QPSK	23205	1RB#24	24.22	21.31	PASS
Band13	5MHz	QPSK	23205	12RB#0	23.07	20.16	PASS
Band13	5MHz	QPSK	23205	12RB#6	23.06	20.15	PASS
Band13	5MHz	QPSK	23205	12RB#13	23.09	20.18	PASS
Band13	5MHz	QPSK	23205	25RB#0	23.11	20.2	PASS
Band13	5MHz	16QAM	23205	1RB#0	23.06	20.15	PASS
Band13	5MHz	16QAM	23205	1RB#12	23.17	20.26	PASS
Band13	5MHz	16QAM	23205	1RB#24	23.07	20.16	PASS
Band13	5MHz	16QAM	23205	12RB#0	22.08	19.17	PASS
Band13	5MHz	16QAM	23205	12RB#6	21.98	19.07	PASS
Band13	5MHz	16QAM	23205	12RB#13	22.14	19.23	PASS
Band13	5MHz	16QAM	23205	25RB#0	22.13	19.22	PASS
Band13	5MHz	QPSK	23230	1RB#0	24.25	21.34	PASS
Band13	5MHz	QPSK	23230	1RB#12	24.06	21.15	PASS
Band13	5MHz	QPSK	23230	1RB#24	24.27	21.36	PASS
Band13	5MHz	QPSK	23230	12RB#0	23.07	20.16	PASS
Band13	5MHz	QPSK	23230	12RB#6	23.02	20.11	PASS
Band13	5MHz	QPSK	23230	12RB#13	23.05	20.14	PASS
Band13	5MHz	QPSK	23230	25RB#0	23.07	20.16	PASS
Band13	5MHz	16QAM	23230	1RB#0	23.07	20.16	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.94	20.03	PASS
Band13	5MHz	16QAM	23230	1RB#24	23.08	20.17	PASS
Band13	5MHz	16QAM	23230	12RB#0	22.02	19.11	PASS
Band13	5MHz	16QAM	23230	12RB#6	22.04	19.13	PASS
Band13	5MHz	16QAM	23230	12RB#13	22.04	19.13	PASS
Band13	5MHz	16QAM	23230	25RB#0	22.04	19.13	PASS
Band13	5MHz	QPSK	23255	1RB#0	24.17	21.26	PASS
Band13	5MHz	QPSK	23255	1RB#12	24.03	21.12	PASS
Band13	5MHz	QPSK	23255	1RB#24	24.12	21.21	PASS
Band13	5MHz	QPSK	23255	12RB#0	23.06	20.15	PASS
Band13	5MHz	QPSK	23255	12RB#6	23.06	20.15	PASS
Band13	5MHz	QPSK	23255	12RB#13	23.04	20.13	PASS
Band13	5MHz	QPSK	23255	25RB#0	23.05	20.14	PASS
Band13	5MHz	16QAM	23255	1RB#0	23.18	20.27	PASS



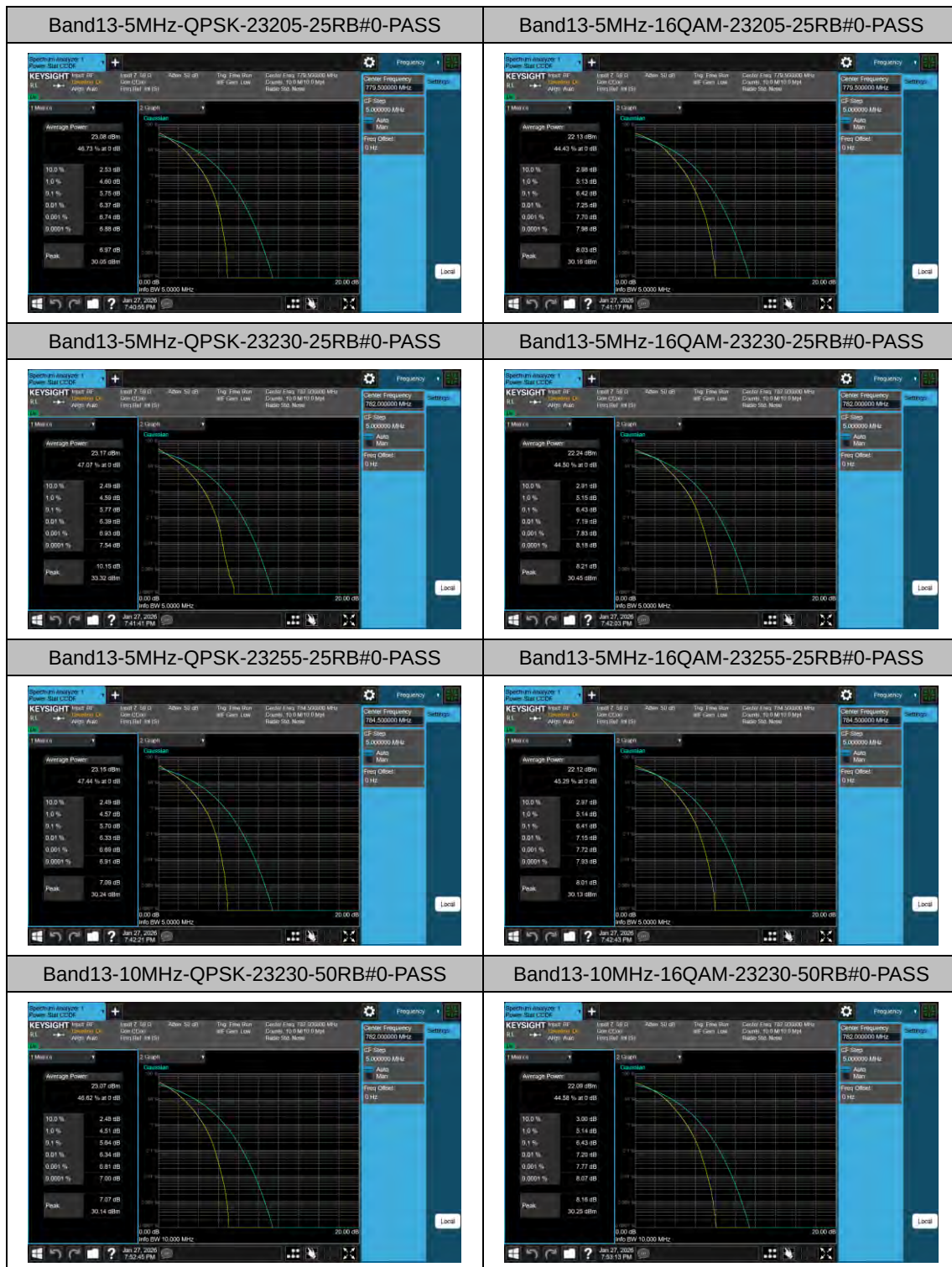
Band13	5MHz	16QAM	23255	1RB#12	23.11	20.2	PASS
Band13	5MHz	16QAM	23255	1RB#24	23.16	20.25	PASS
Band13	5MHz	16QAM	23255	12RB#0	22.10	19.19	PASS
Band13	5MHz	16QAM	23255	12RB#6	22.12	19.21	PASS
Band13	5MHz	16QAM	23255	12RB#13	22.08	19.17	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.00	19.09	PASS
Band13	10MHz	QPSK	23230	1RB#0	24.12	21.21	PASS
Band13	10MHz	QPSK	23230	1RB#24	24.09	21.18	PASS
Band13	10MHz	QPSK	23230	1RB#49	24.10	21.19	PASS
Band13	10MHz	QPSK	23230	25RB#0	23.00	20.09	PASS
Band13	10MHz	QPSK	23230	25RB#12	23.05	20.14	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.99	20.08	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.99	20.08	PASS
Band13	10MHz	16QAM	23230	1RB#0	23.14	20.23	PASS
Band13	10MHz	16QAM	23230	1RB#24	23.01	20.1	PASS
Band13	10MHz	16QAM	23230	1RB#49	23.07	20.16	PASS
Band13	10MHz	16QAM	23230	25RB#0	21.98	19.07	PASS
Band13	10MHz	16QAM	23230	25RB#12	22.01	19.1	PASS
Band13	10MHz	16QAM	23230	25RB#25	21.99	19.08	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.98	19.07	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	25RB#0	5.75	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.42	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.77	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.43	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.70	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.41	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.64	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.43	13	PASS

Test Graphs

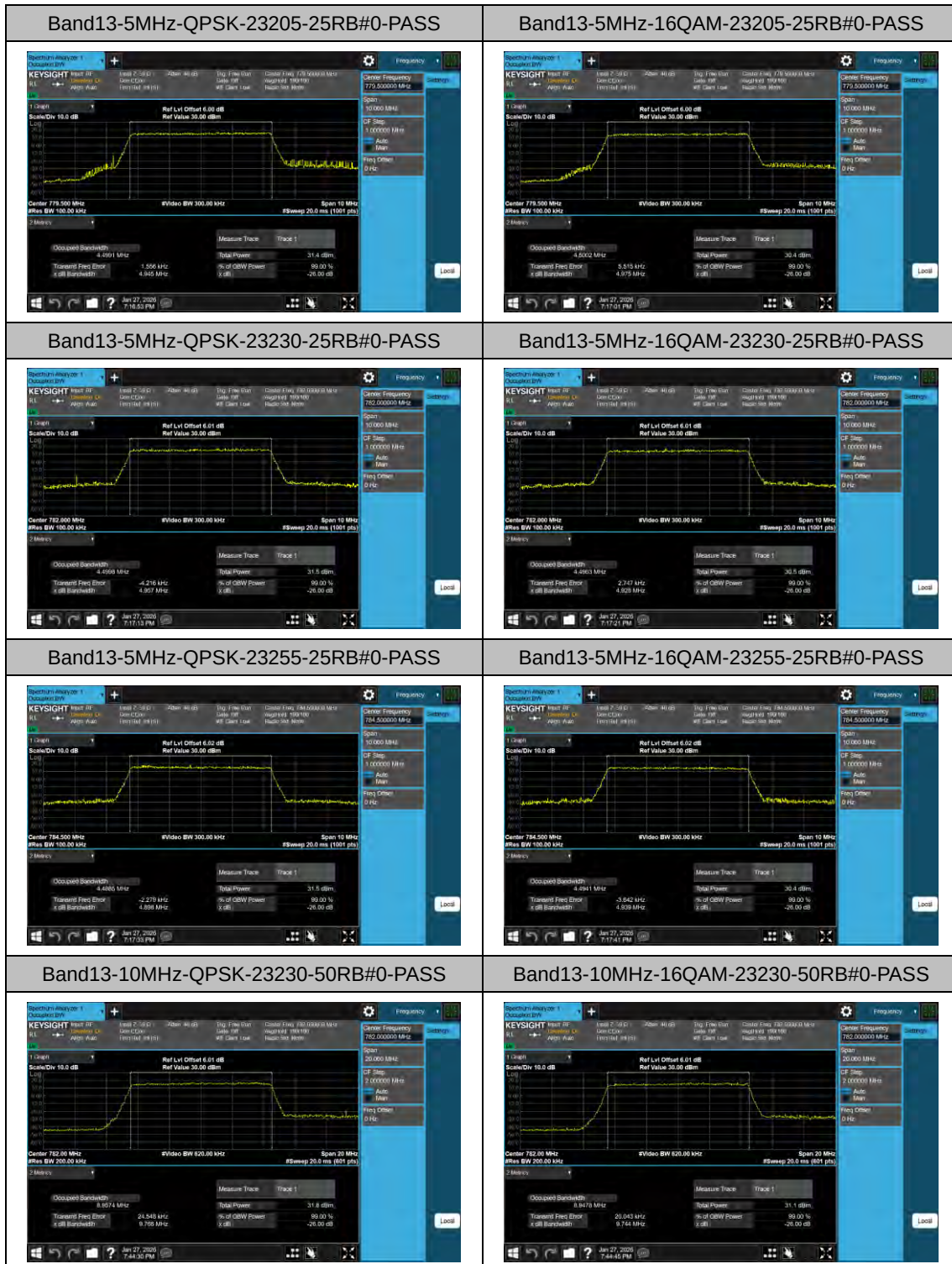


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.4991	4.945	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5002	4.975	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.4998	4.957	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.4963	4.928	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4885	4.898	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4941	4.939	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9574	9.766	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9478	9.744	PASS

Test Graphs

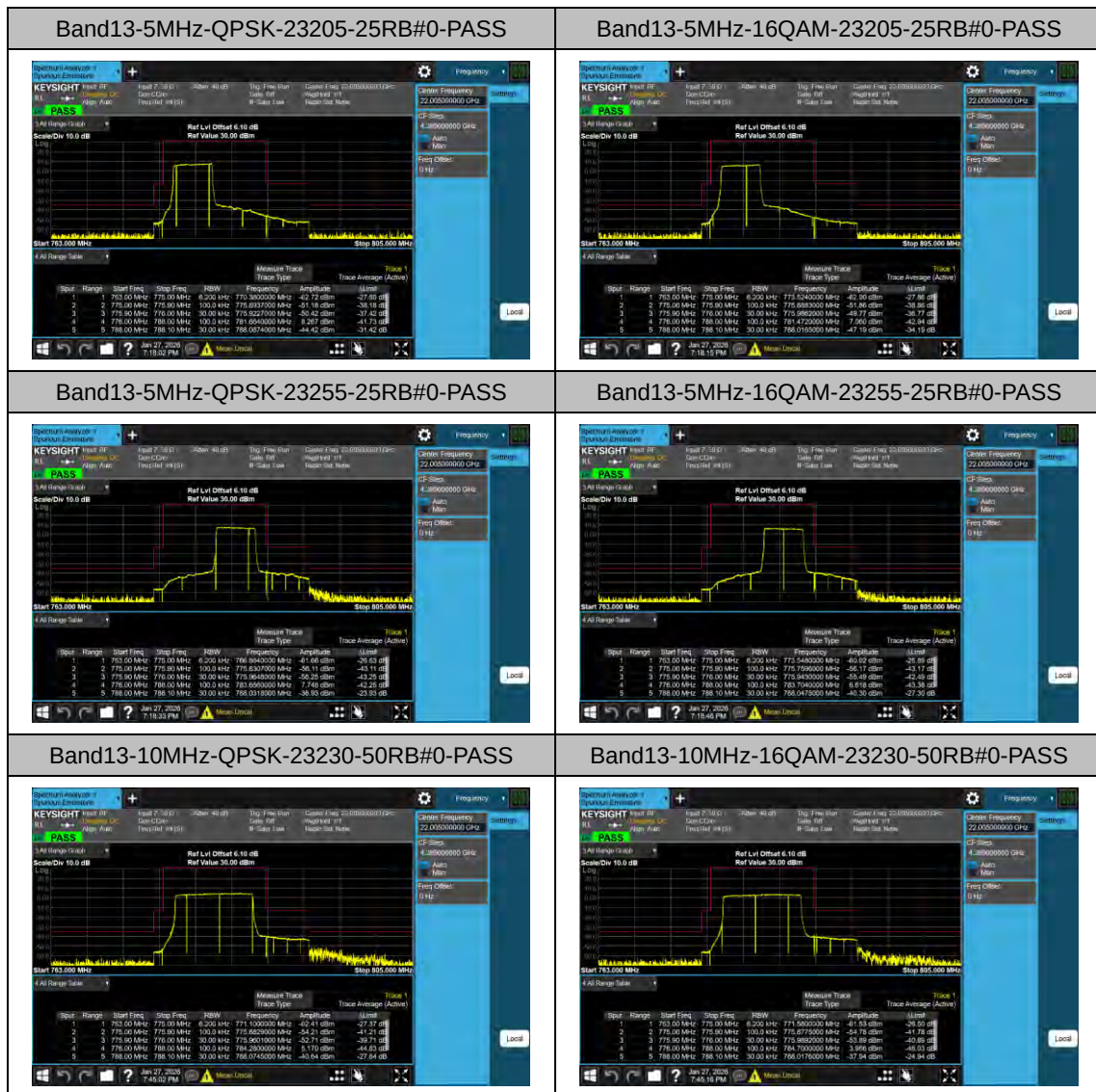


Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Margin (dB)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	-61.11	26.11	PASS
Band13	5MHz	16QAM	23205	25RB#0	-60.32	25.32	PASS
Band13	5MHz	QPSK	23255	25RB#0	-53.25	18.25	PASS
Band13	5MHz	16QAM	23255	25RB#0	-56.43	21.43	PASS
Band13	10MHz	QPSK	23230	50RB#0	-50.53	15.53	PASS
Band13	10MHz	16QAM	23230	50RB#0	-51.01	16.01	PASS

Test Graphs



Appendix E: Conducted Spurious Emission

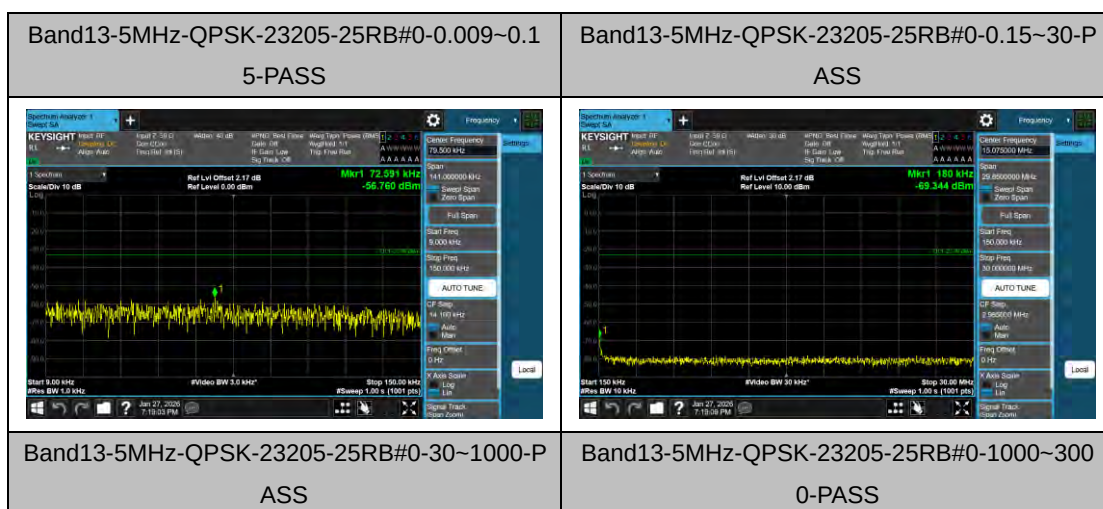
Test Result

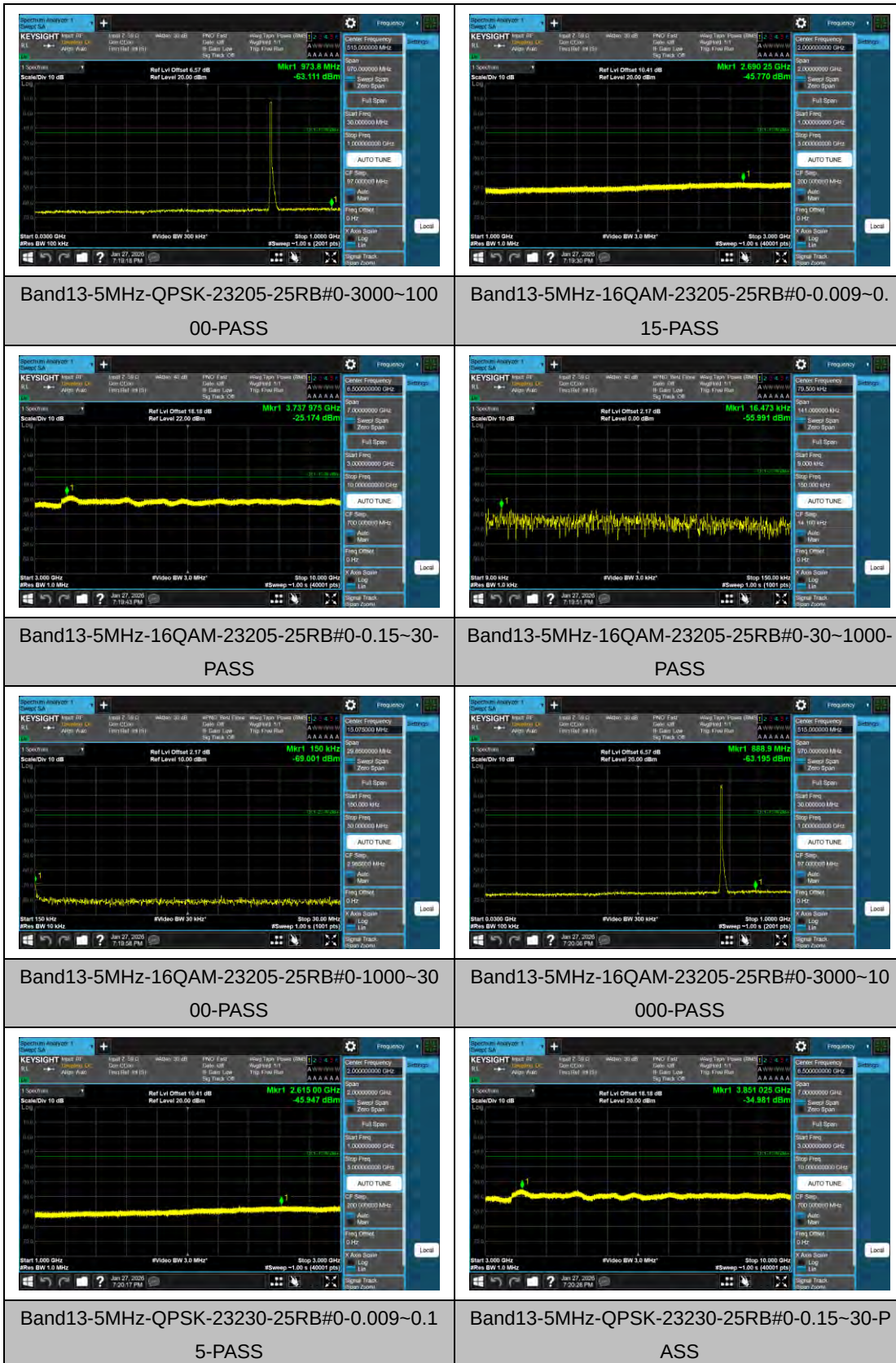
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Limit (dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	0.009~0.15	-56.76	-33.0	PASS
Band13	5MHz	QPSK	23205	25RB#0	0.15~30	-69.34	-23.0	PASS
Band13	5MHz	QPSK	23205	25RB#0	30~1000	-63.11	-13.0	PASS
Band13	5MHz	QPSK	23205	25RB#0	1000~3000	-45.77	-13.0	PASS
Band13	5MHz	QPSK	23205	25RB#0	3000~10000	-25.17	-13.0	PASS
Band13	5MHz	16QAM	23205	25RB#0	0.009~0.15	-55.99	-33.0	PASS
Band13	5MHz	16QAM	23205	25RB#0	0.15~30	-69.00	-23.0	PASS
Band13	5MHz	16QAM	23205	25RB#0	30~1000	-63.20	-13.0	PASS
Band13	5MHz	16QAM	23205	25RB#0	1000~3000	-45.95	-13.0	PASS
Band13	5MHz	16QAM	23205	25RB#0	3000~10000	-34.98	-13.0	PASS
Band13	5MHz	QPSK	23230	25RB#0	0.009~0.15	-56.93	-33.0	PASS
Band13	5MHz	QPSK	23230	25RB#0	0.15~30	-68.15	-23.0	PASS
Band13	5MHz	QPSK	23230	25RB#0	30~1000	-63.12	-13.0	PASS
Band13	5MHz	QPSK	23230	25RB#0	1000~3000	-45.68	-13.0	PASS
Band13	5MHz	QPSK	23230	25RB#0	3000~10000	-34.94	-13.0	PASS
Band13	5MHz	16QAM	23230	25RB#0	0.009~0.15	-57.61	-33.0	PASS
Band13	5MHz	16QAM	23230	25RB#0	0.15~30	-69.21	-23.0	PASS
Band13	5MHz	16QAM	23230	25RB#0	30~1000	-63.25	-13.0	PASS
Band13	5MHz	16QAM	23230	25RB#0	1000~3000	-45.76	-13.0	PASS
Band13	5MHz	16QAM	23230	25RB#0	3000~10000	-25.09	-13.0	PASS
Band13	5MHz	QPSK	23255	25RB#0	0.009~0.15	-56.91	-33.0	PASS
Band13	5MHz	QPSK	23255	25RB#0	0.15~30	-69.90	-23.0	PASS
Band13	5MHz	QPSK	23255	25RB#0	30~1000	-63.35	-13.0	PASS

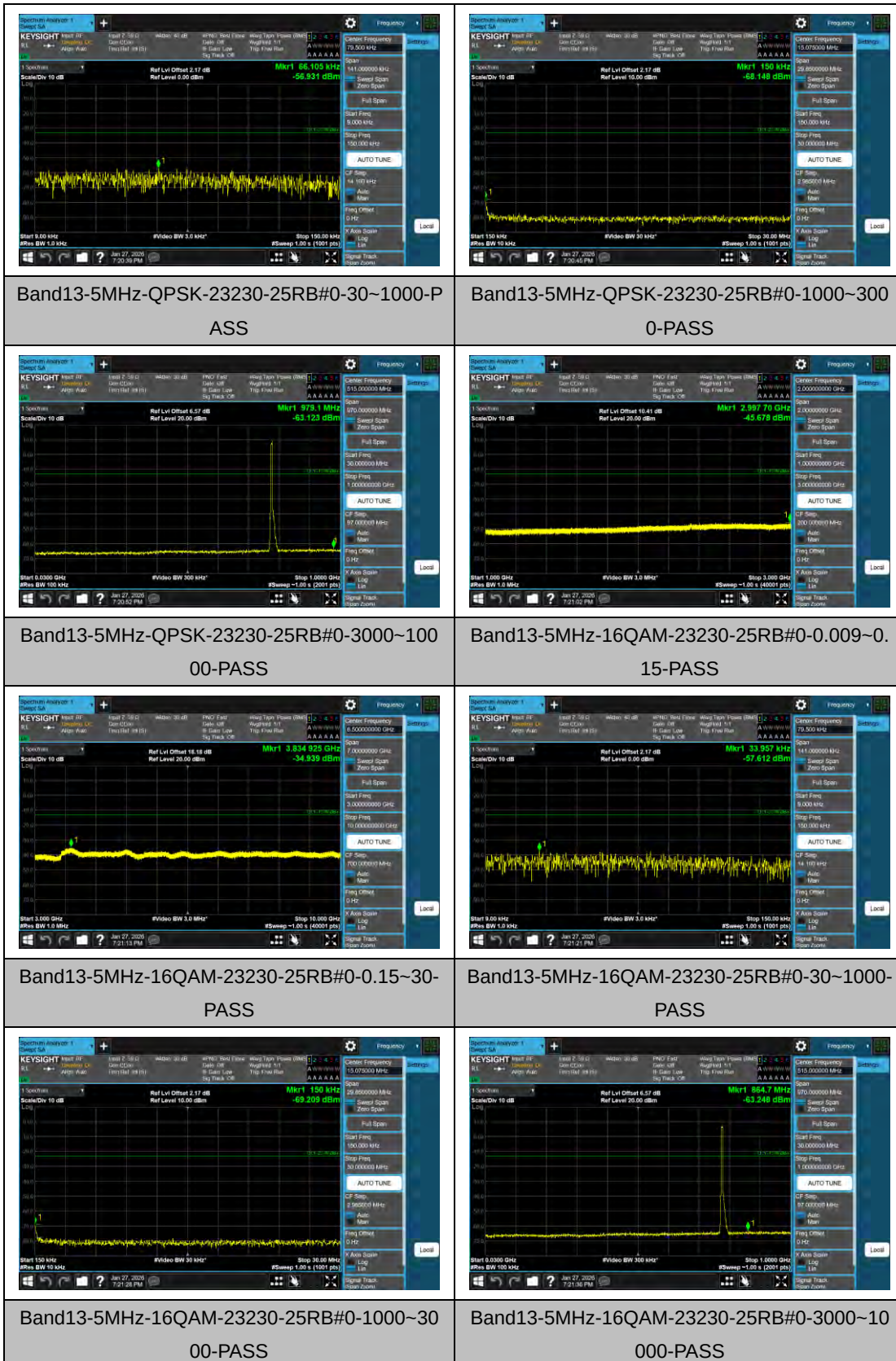


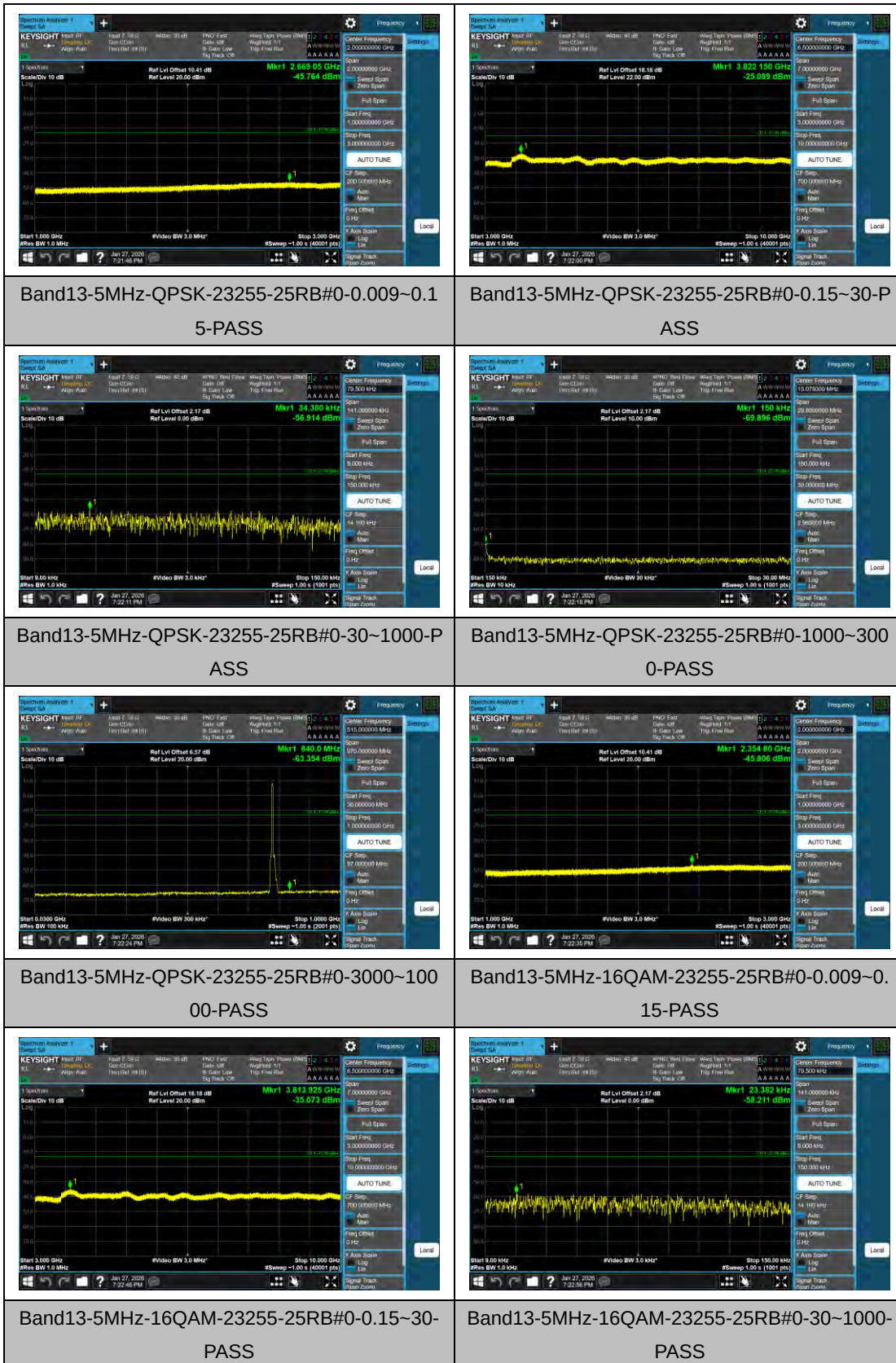
Band13	5MHz	QPSK	23255	25RB#0	1000~3000	-45.81	-13.0	PASS
Band13	5MHz	QPSK	23255	25RB#0	3000~10000	-35.07	-13.0	PASS
Band13	5MHz	16QAM	23255	25RB#0	0.009~0.15	-58.21	-33.0	PASS
Band13	5MHz	16QAM	23255	25RB#0	0.15~30	-67.17	-23.0	PASS
Band13	5MHz	16QAM	23255	25RB#0	30~1000	-63.33	-13.0	PASS
Band13	5MHz	16QAM	23255	25RB#0	1000~3000	-45.96	-13.0	PASS
Band13	5MHz	16QAM	23255	25RB#0	3000~10000	-35.05	-13.0	PASS
Band13	10MHz	QPSK	23230	50RB#0	0.009~0.15	-56.75	-33.0	PASS
Band13	10MHz	QPSK	23230	50RB#0	0.15~30	-67.62	-23.0	PASS
Band13	10MHz	QPSK	23230	50RB#0	30~1000	-63.08	-13.0	PASS
Band13	10MHz	QPSK	23230	50RB#0	1000~3000	-45.97	-13.0	PASS
Band13	10MHz	QPSK	23230	50RB#0	3000~10000	-34.55	-13.0	PASS
Band13	10MHz	16QAM	23230	50RB#0	0.009~0.15	-56.50	-33.0	PASS
Band13	10MHz	16QAM	23230	50RB#0	0.15~30	-67.11	-23.0	PASS
Band13	10MHz	16QAM	23230	50RB#0	30~1000	-63.39	-13.0	PASS
Band13	10MHz	16QAM	23230	50RB#0	1000~3000	-45.89	-13.0	PASS
Band13	10MHz	16QAM	23230	50RB#0	3000~10000	-34.83	-13.0	PASS

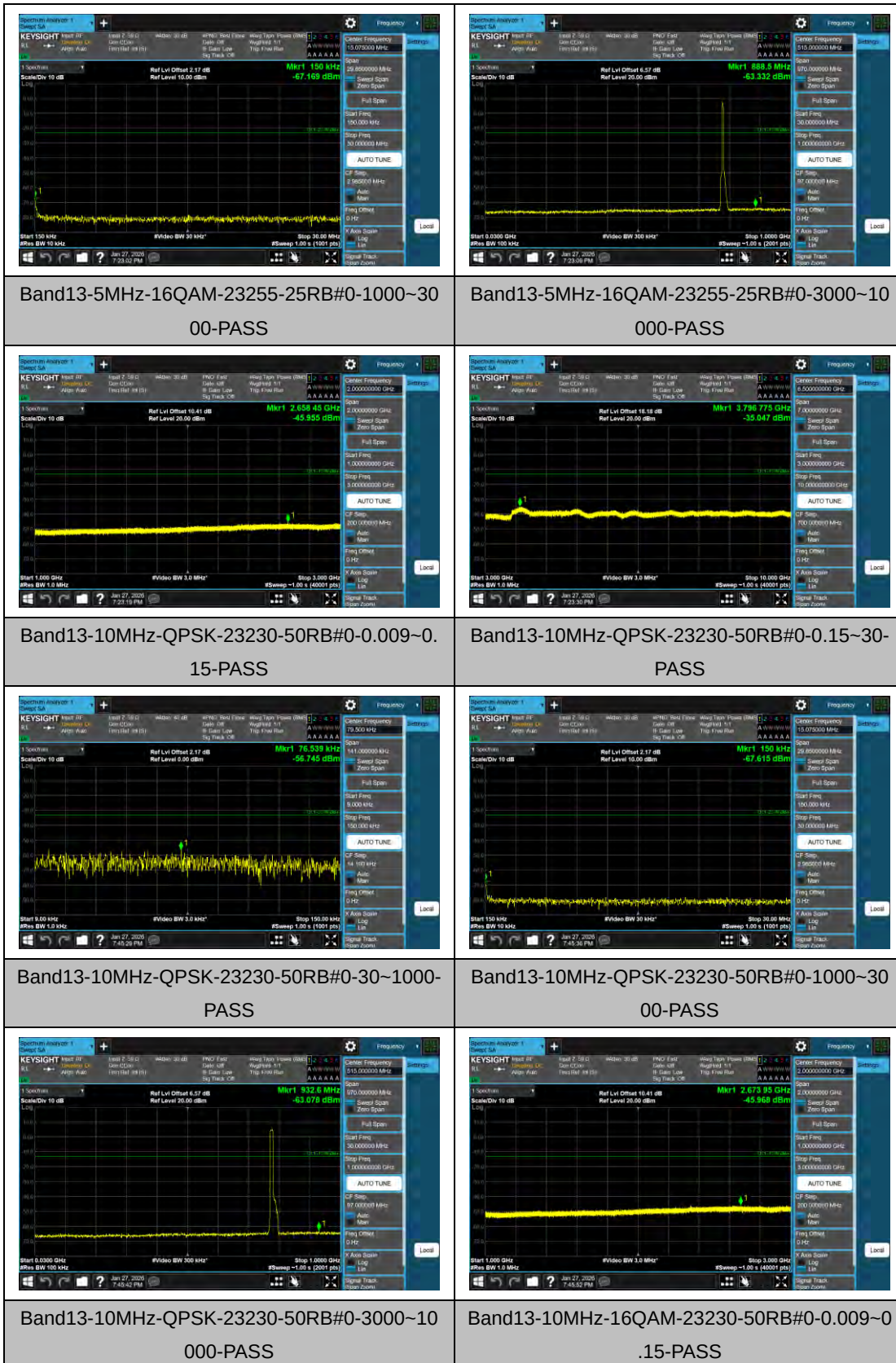
Test Graphs

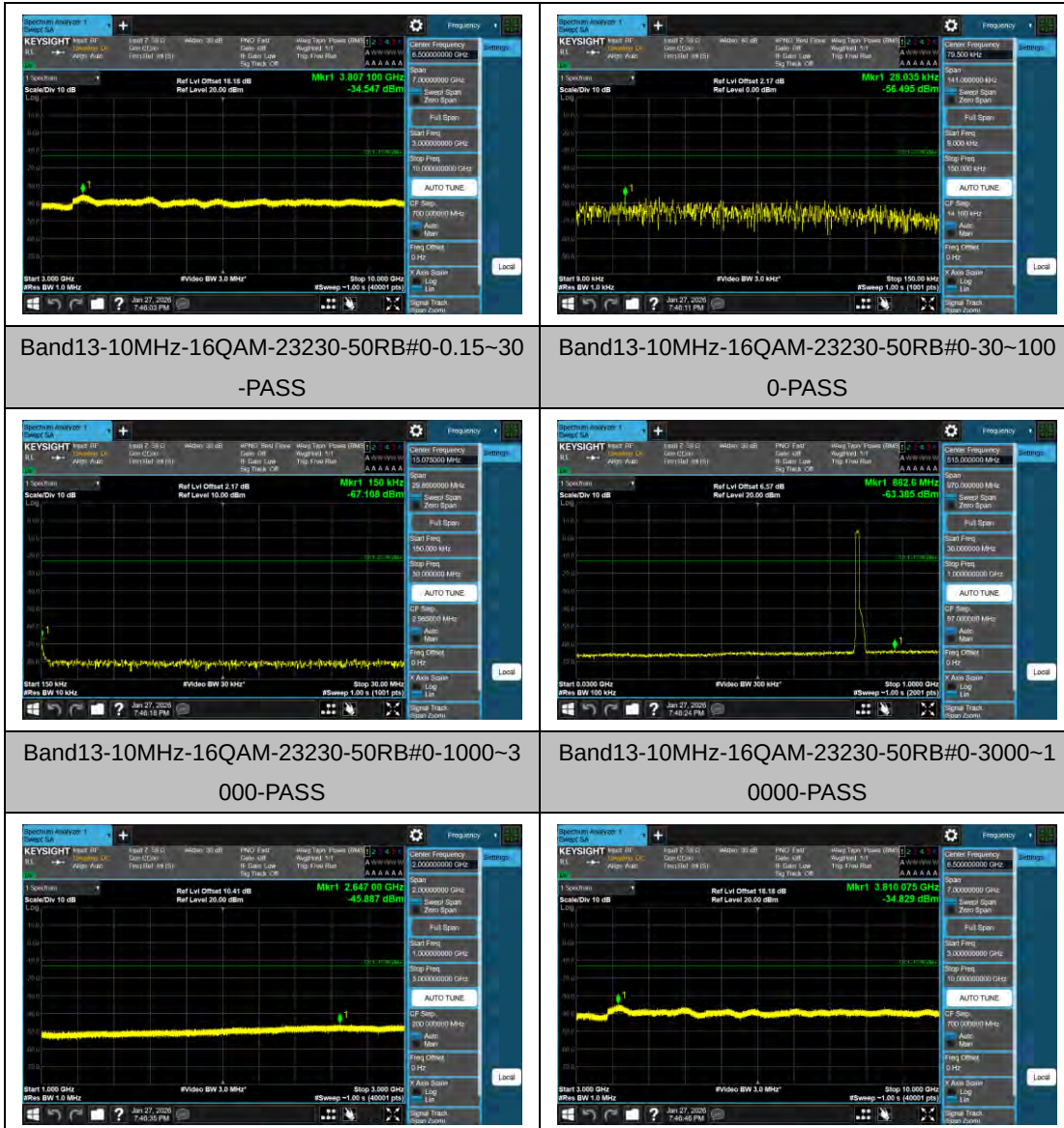












Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
BandName	Bandwidth	Modulation	Channel	RBcfg	VolValue	TempValue	ValueHz	ValuePpm	Limit	Verdict

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	6410.00	8.223220	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	7920.00	10.160359	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	7760.00	9.955099	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	7370.00	9.454779	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	6300.00	8.082104	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	5760.00	7.389352	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	7280.00	9.339320	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	7510.00	9.634381	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	6420.00	8.236049	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	8360.00	10.724824	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	8050.00	10.327133	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	8340.00	10.699166	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	8920.00	11.443233	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	8430.00	10.814625	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	8660.00	11.109686	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	9070.00	11.635664	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	9440.00	12.110327	±NA	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	7630.00	9.788326	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	-870.00	-1.112532	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	-1700.00	-2.173913	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	1010.00	1.291560	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	2340.00	2.992327	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-30.00	-0.038363	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	-2600.00	-3.324808	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	-2090.00	-2.672634	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-2150.00	-2.749361	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	-2900.00	-3.708440	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	1280.00	1.636829	±NA	PASS



Band13	5MHz	16QAM	23230	25RB#0	NV	-20	3360.00	4.296675	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	3160.00	4.040921	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	2970.00	3.797954	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	3590.00	4.590793	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	5520.00	7.058824	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	6590.00	8.427110	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	1440.00	1.841432	±NA	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	4200.00	5.370844	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	-7960.00	-10.146590	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	-7460.00	-9.509242	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	-5820.00	-7.418738	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	-5640.00	-7.189293	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	-6460.00	-8.234544	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	-7300.00	-9.305290	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	-6830.00	-8.706182	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	-5730.00	-7.304015	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	-6580.00	-8.387508	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	-4470.00	-5.697897	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	-4730.00	-6.029318	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	-3450.00	-4.397706	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	-2510.00	-3.199490	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	-2730.00	-3.479924	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	-3150.00	-4.015296	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	-2950.00	-3.760357	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	-4520.00	-5.761632	±NA	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	-4200.00	-5.353728	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	11220.00	14.347826	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	14290.00	18.273657	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	12230.00	15.639386	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	11620.00	14.859335	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	11180.00	14.296675	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	8520.00	10.895141	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	10380.00	13.273657	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	9060.00	11.585678	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	9980.00	12.762148	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	10880.00	13.913043	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	12240.00	15.652174	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	8970.00	11.470588	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	10870.00	13.900256	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	14190.00	18.145780	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	11090.00	14.181586	±NA	PASS



Band13	10MHz	16QAM	23230	50RB#0	NV	30	11070.00	14.156010	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	16520.00	21.125320	±NA	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	13950.00	17.838875	±NA	PASS