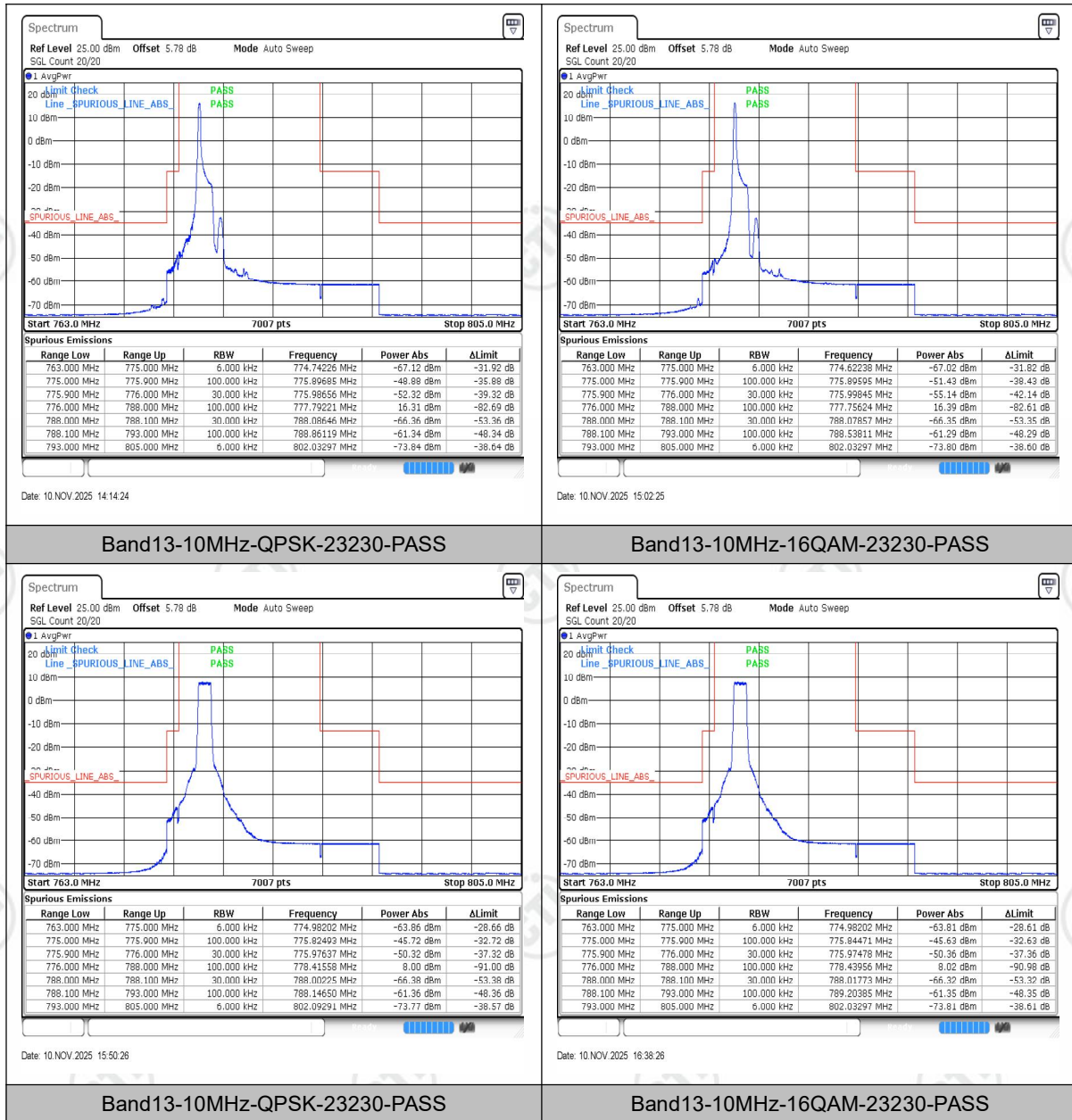
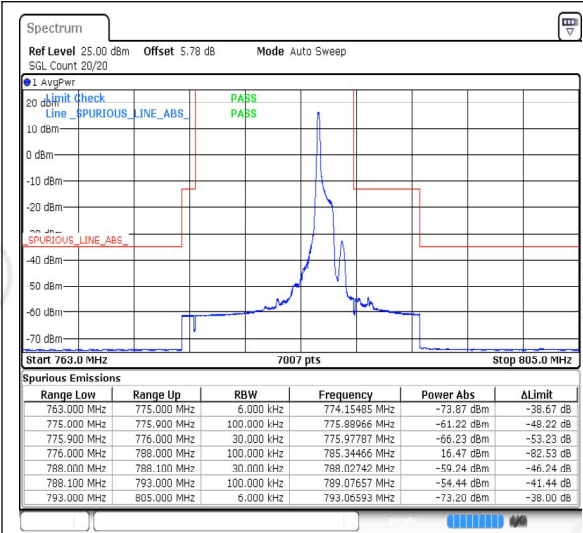
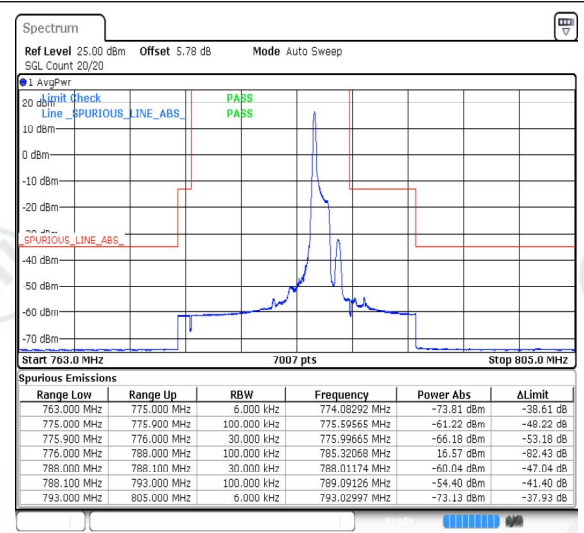






Band13-10MHz-QPSK-23230-PASS



Band13-10MHz-16QAM-23230-PASS

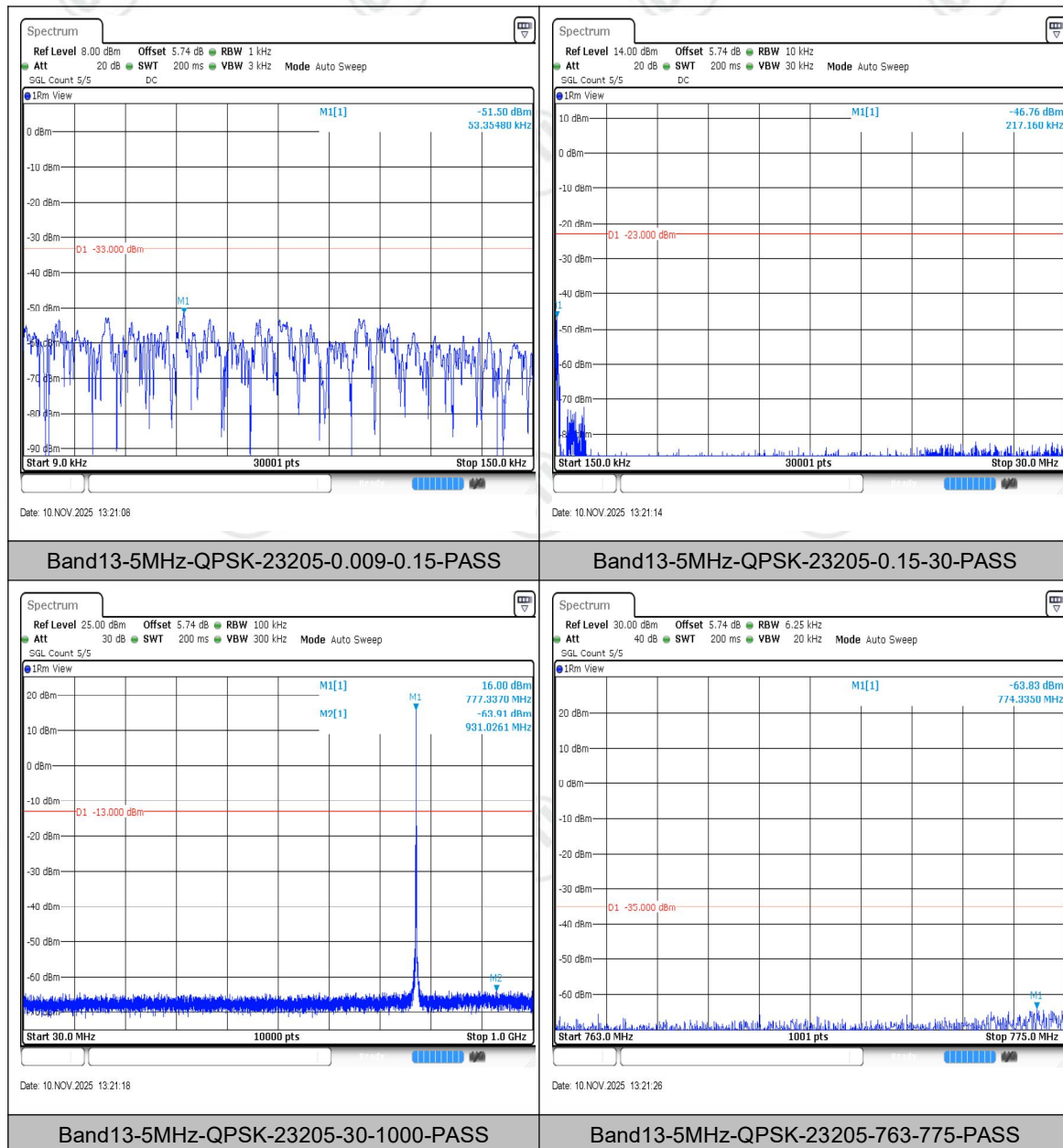
Appendix E: Conducted Spurious Emission for M1

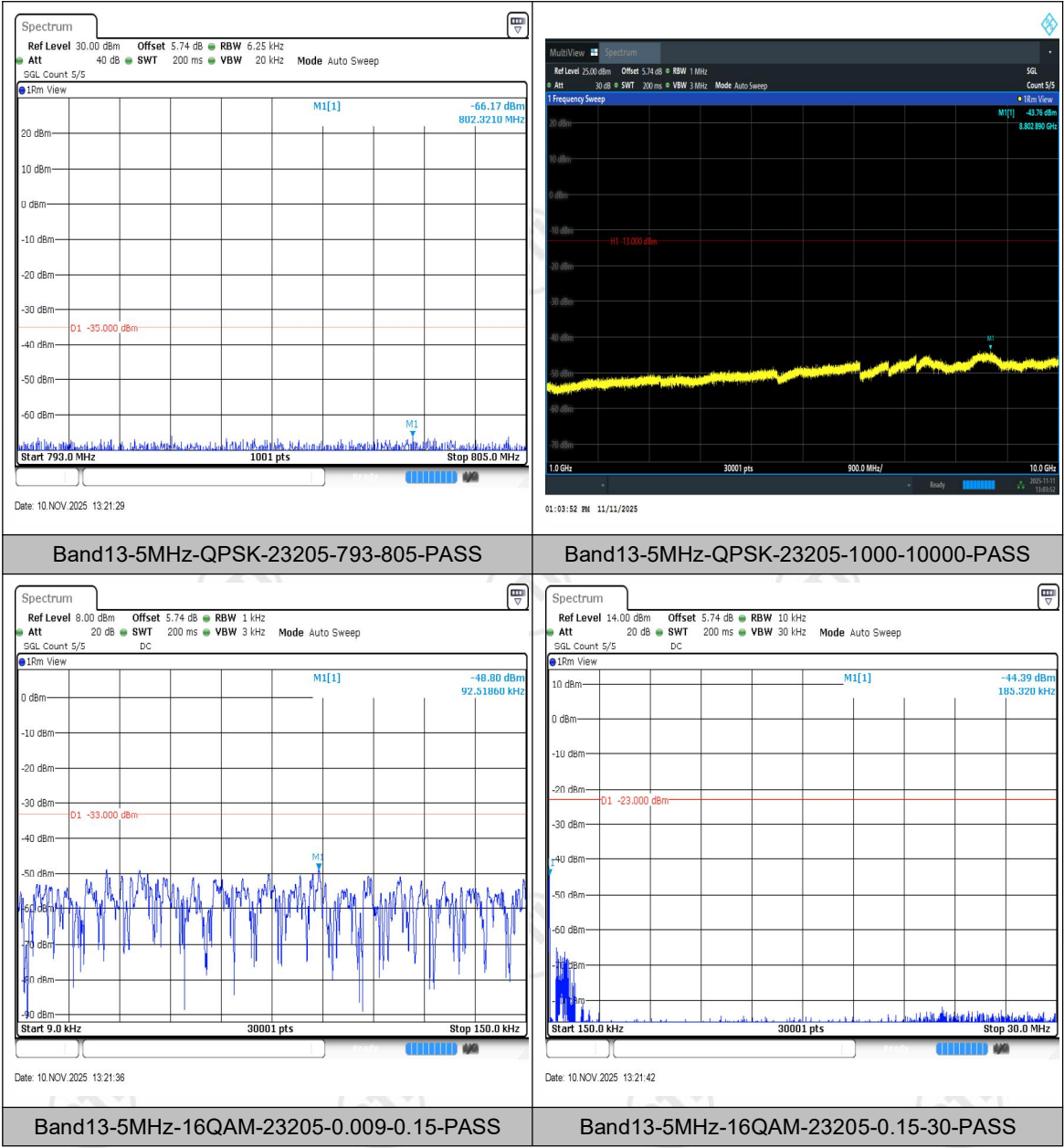
Test Result

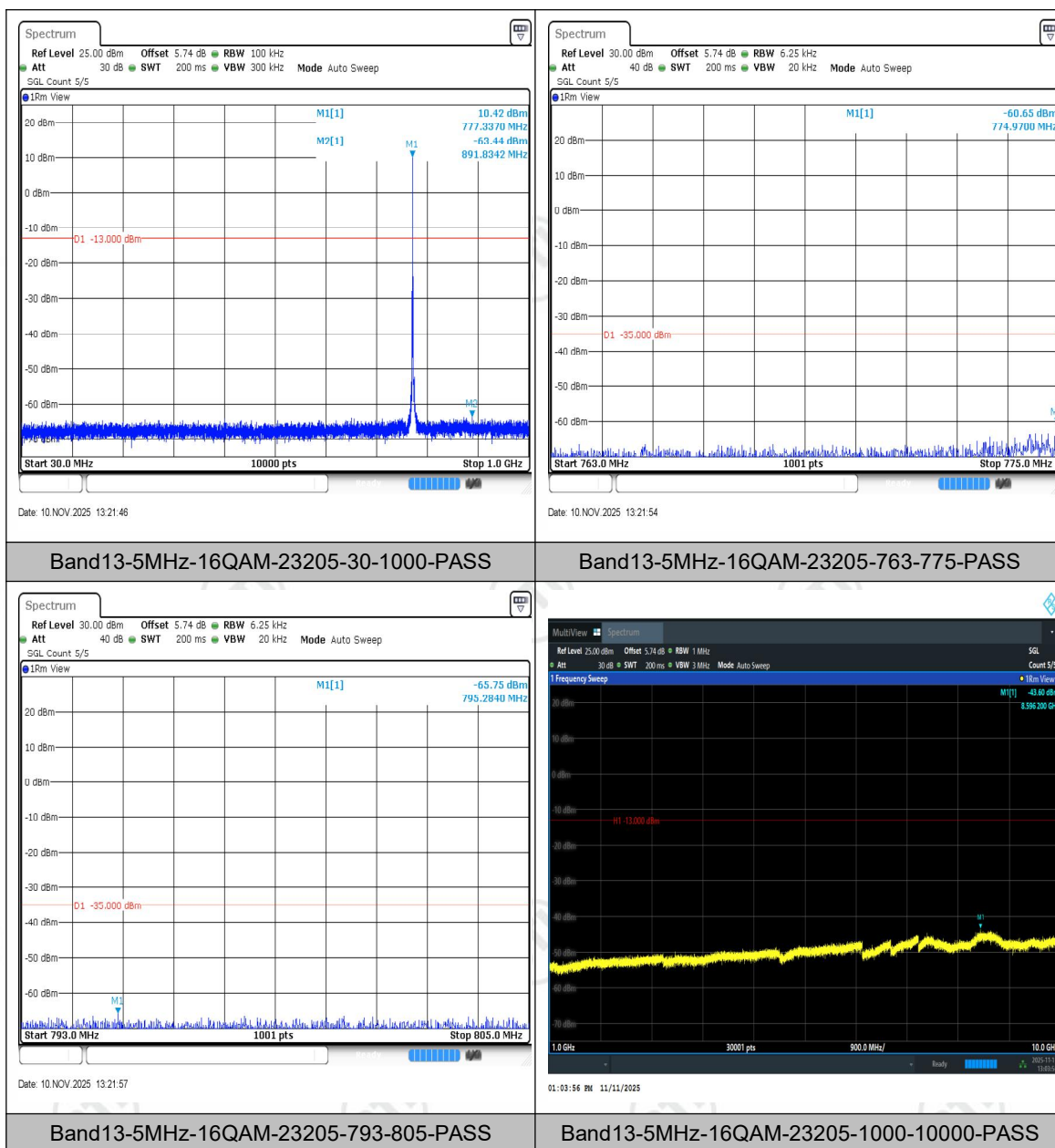
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band13	5MHz	23205	QPSK	1	0	Low	0.009	0.15	-51.5	PASS
Band13	5MHz	23205	QPSK	1	0	Low	0.15	30	-46.76	PASS
Band13	5MHz	23205	QPSK	1	0	Low	30	1000	-63.91	PASS
Band13	5MHz	23205	QPSK	1	0	Low	763	775	-63.83	PASS
Band13	5MHz	23205	QPSK	1	0	Low	793	805	-66.17	PASS
Band13	5MHz	23205	QPSK	1	0	Low	1000	10000	-43.76	PASS
Band13	5MHz	23205	16QAM	1	0	Low	0.009	0.15	-48.8	PASS
Band13	5MHz	23205	16QAM	1	0	Low	0.15	30	-44.39	PASS
Band13	5MHz	23205	16QAM	1	0	Low	30	1000	-63.44	PASS
Band13	5MHz	23205	16QAM	1	0	Low	763	775	-60.65	PASS
Band13	5MHz	23205	16QAM	1	0	Low	793	805	-65.75	PASS
Band13	5MHz	23205	16QAM	1	0	Low	1000	10000	-43.6	PASS
Band13	5MHz	23230	QPSK	1	0	Low	0.009	0.15	-50.06	PASS
Band13	5MHz	23230	QPSK	1	0	Low	0.15	30	-40.79	PASS
Band13	5MHz	23230	QPSK	1	0	Low	30	1000	-63.36	PASS
Band13	5MHz	23230	QPSK	1	0	Low	763	775	-66.09	PASS
Band13	5MHz	23230	QPSK	1	0	Low	793	805	-66.49	PASS
Band13	5MHz	23230	QPSK	1	0	Low	1000	10000	-43.63	PASS
Band13	5MHz	23230	16QAM	1	0	Low	0.009	0.15	-52.42	PASS
Band13	5MHz	23230	16QAM	1	0	Low	0.15	30	-53.7	PASS
Band13	5MHz	23230	16QAM	1	0	Low	30	1000	-63.67	PASS
Band13	5MHz	23230	16QAM	1	0	Low	763	775	-65.18	PASS
Band13	5MHz	23230	16QAM	1	0	Low	793	805	-66.36	PASS
Band13	5MHz	23230	16QAM	1	0	Low	1000	10000	-43.88	PASS
Band13	5MHz	23255	QPSK	1	0	High	0.009	0.15	-51.03	PASS
Band13	5MHz	23255	QPSK	1	0	High	0.15	30	-49.39	PASS
Band13	5MHz	23255	QPSK	1	0	High	30	1000	-62.26	PASS
Band13	5MHz	23255	QPSK	1	0	High	763	775	-65.97	PASS
Band13	5MHz	23255	QPSK	1	0	High	793	805	-65.79	PASS
Band13	5MHz	23255	QPSK	1	0	High	1000	10000	-44.02	PASS
Band13	5MHz	23255	16QAM	1	0	High	0.009	0.15	-46.14	PASS
Band13	5MHz	23255	16QAM	1	0	High	0.15	30	-42.1	PASS
Band13	5MHz	23255	16QAM	1	0	High	30	1000	-63.94	PASS
Band13	5MHz	23255	16QAM	1	0	High	763	775	-66.26	PASS

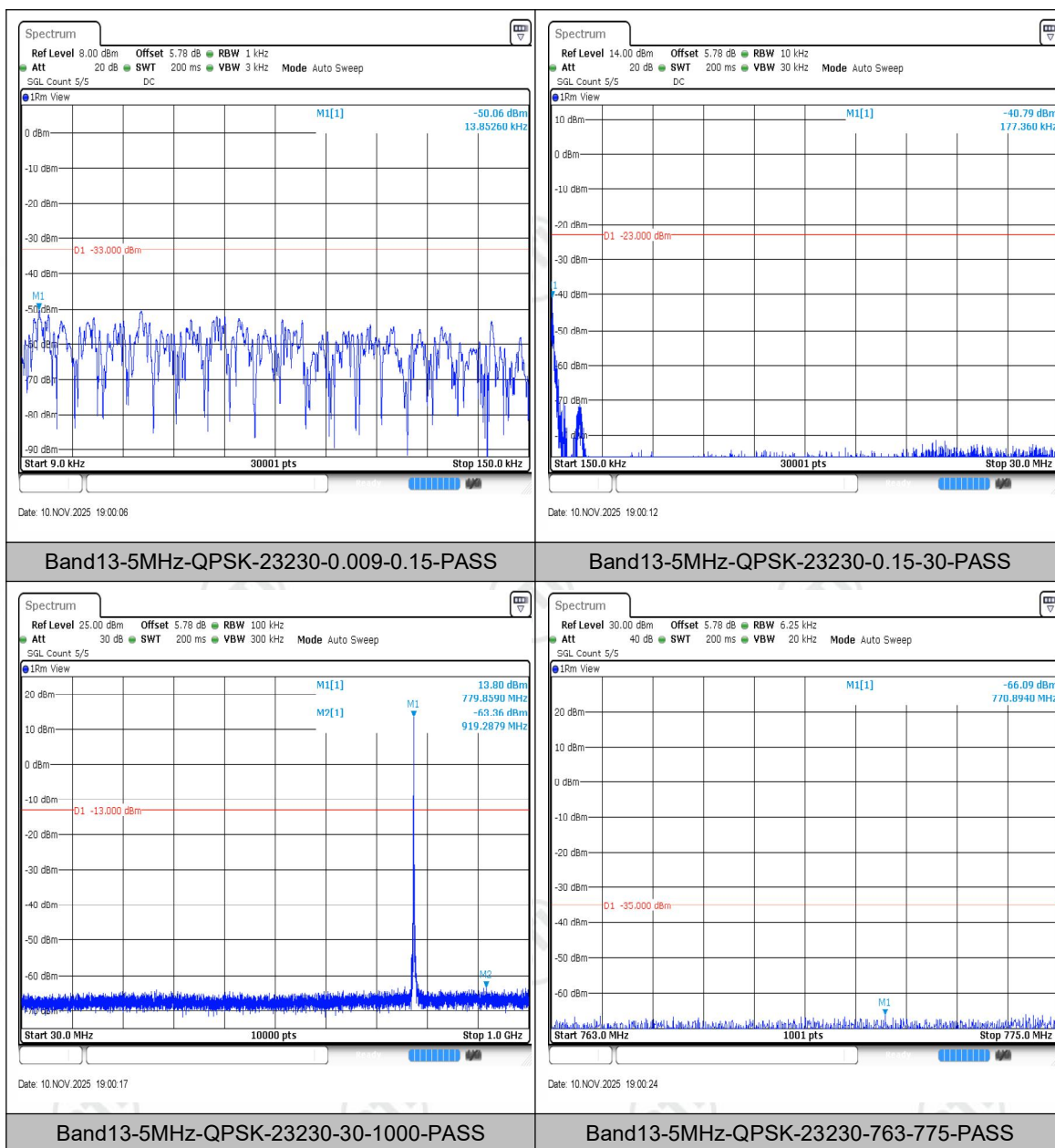
Band13	5MHz	23255	16QAM	1	0	High	793	805	-66.13	PASS
Band13	5MHz	23255	16QAM	1	0	High	1000	10000	-43.95	PASS
Band13	10MHz	23230	QPSK	1	0	High	0.009	0.15	-52.44	PASS
Band13	10MHz	23230	QPSK	1	0	High	0.15	30	-42.42	PASS
Band13	10MHz	23230	QPSK	1	0	High	30	1000	-63.79	PASS
Band13	10MHz	23230	QPSK	1	0	High	763	775	-66.31	PASS
Band13	10MHz	23230	QPSK	1	0	High	793	805	-65.48	PASS
Band13	10MHz	23230	QPSK	1	0	High	1000	10000	-43.73	PASS
Band13	10MHz	23230	16QAM	1	0	High	0.009	0.15	-46.48	PASS
Band13	10MHz	23230	16QAM	1	0	High	0.15	30	-43.92	PASS
Band13	10MHz	23230	16QAM	1	0	High	30	1000	-63.48	PASS
Band13	10MHz	23230	16QAM	1	0	High	763	775	-65.74	PASS
Band13	10MHz	23230	16QAM	1	0	High	793	805	-66.48	PASS
Band13	10MHz	23230	16QAM	1	0	High	1000	10000	-43.41	PASS

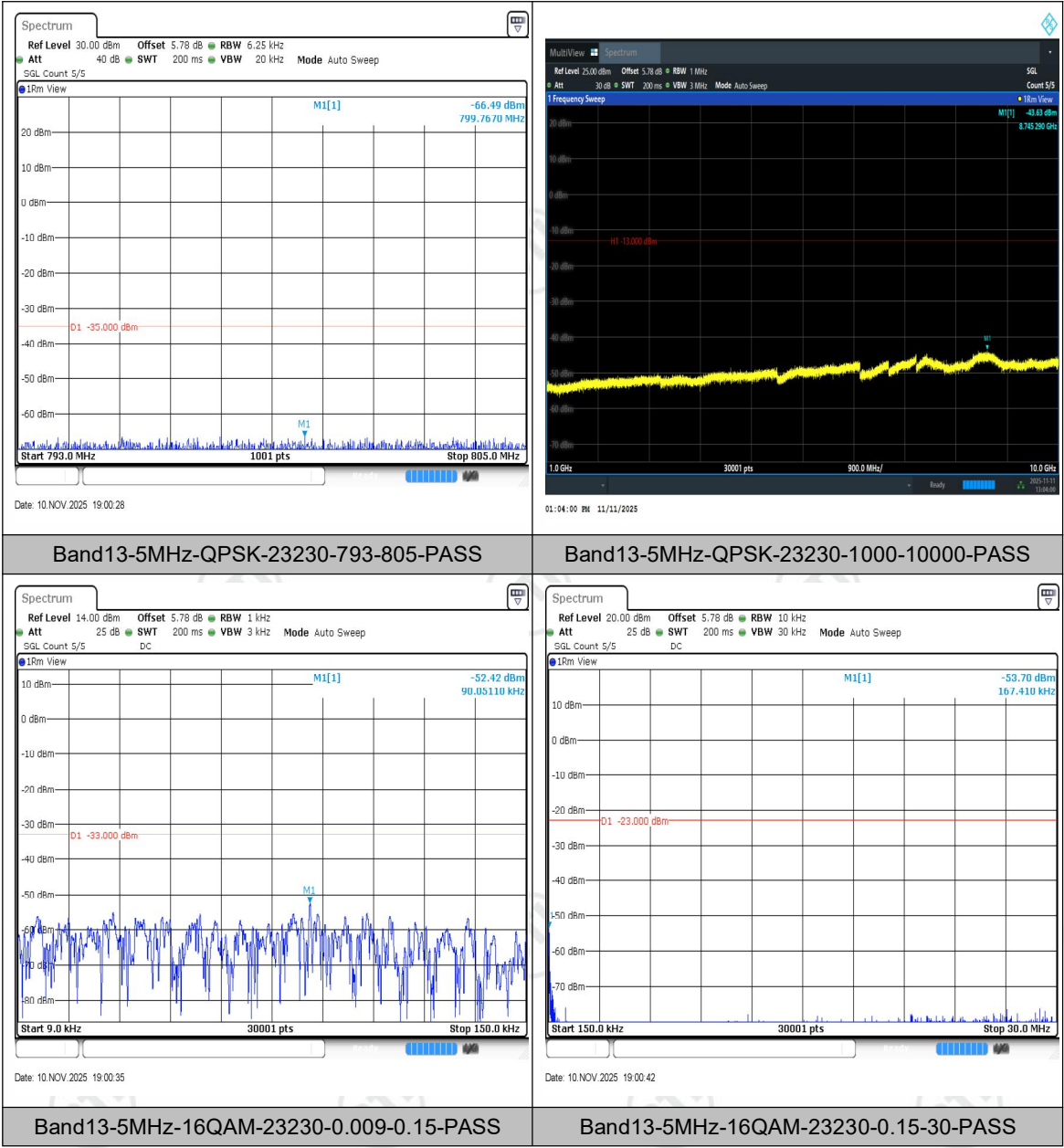
Test Graphs

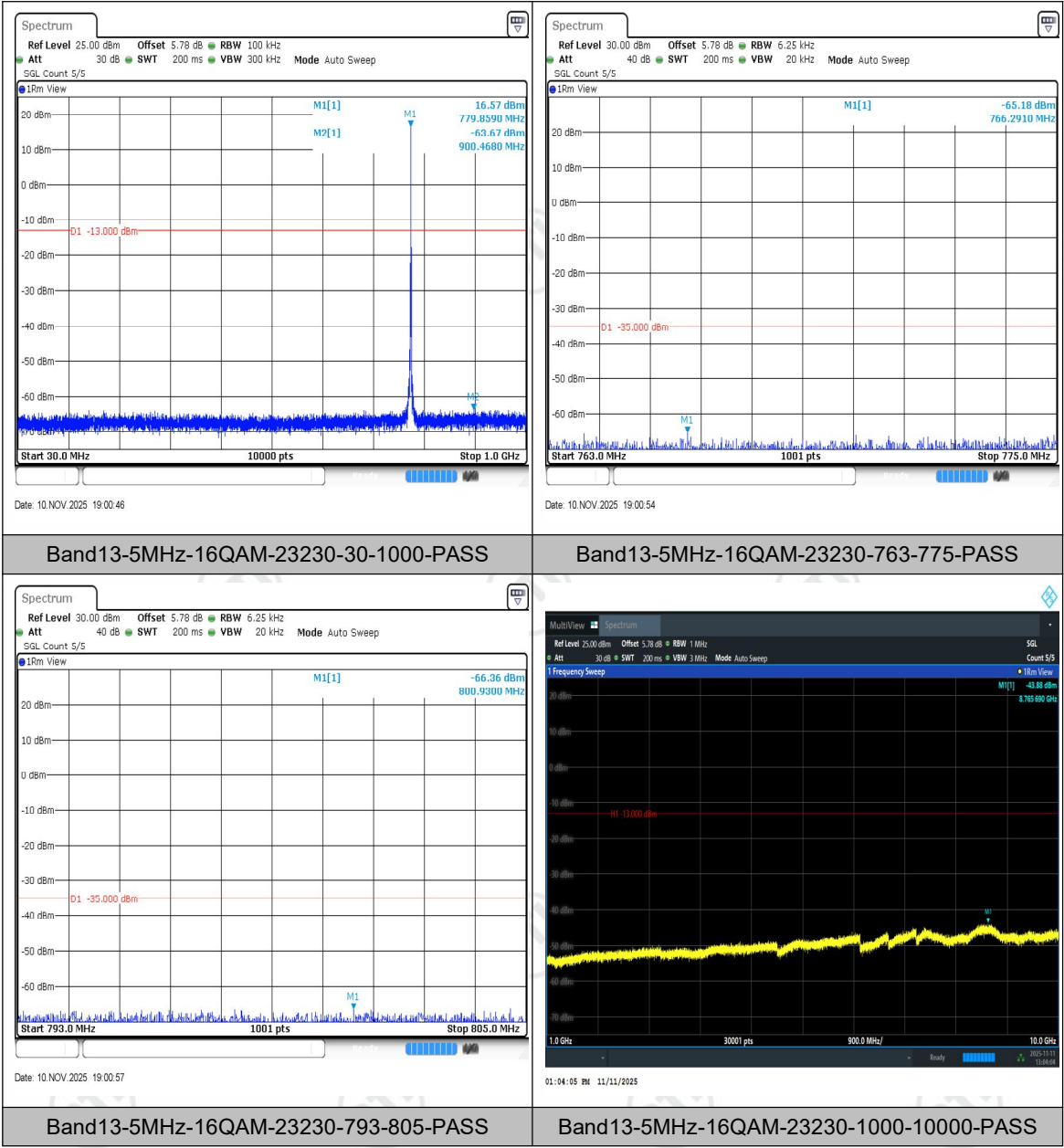


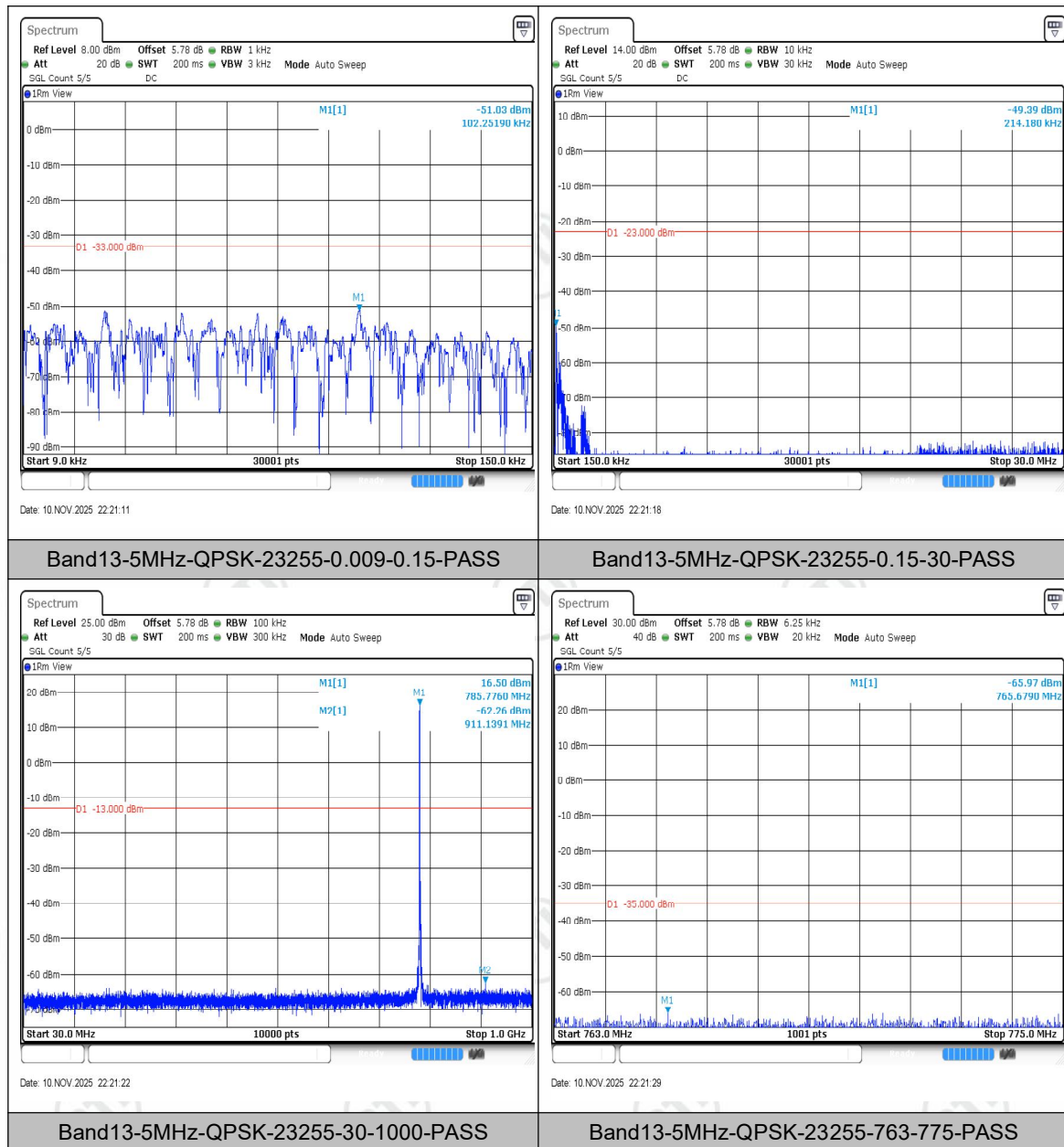


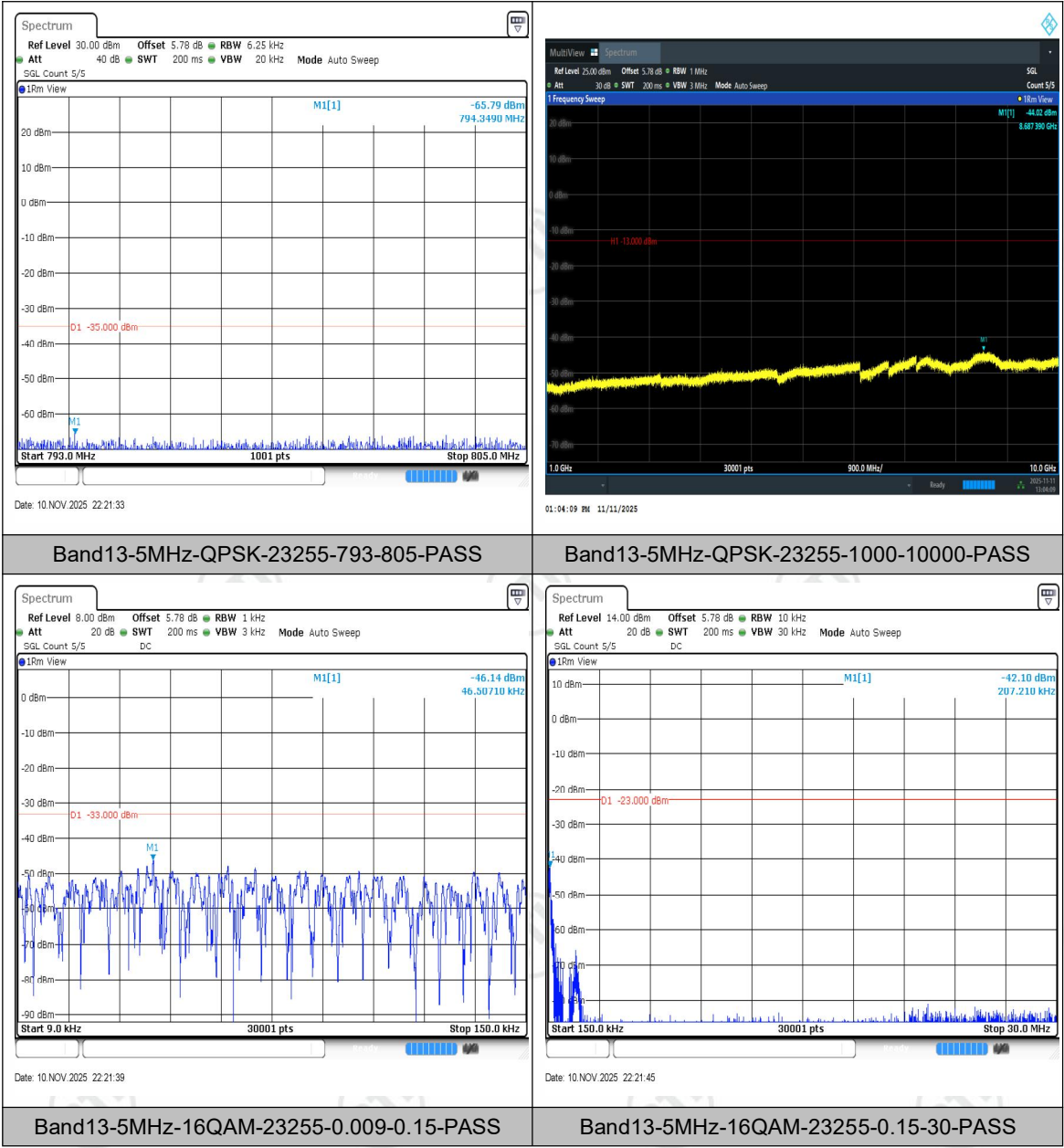


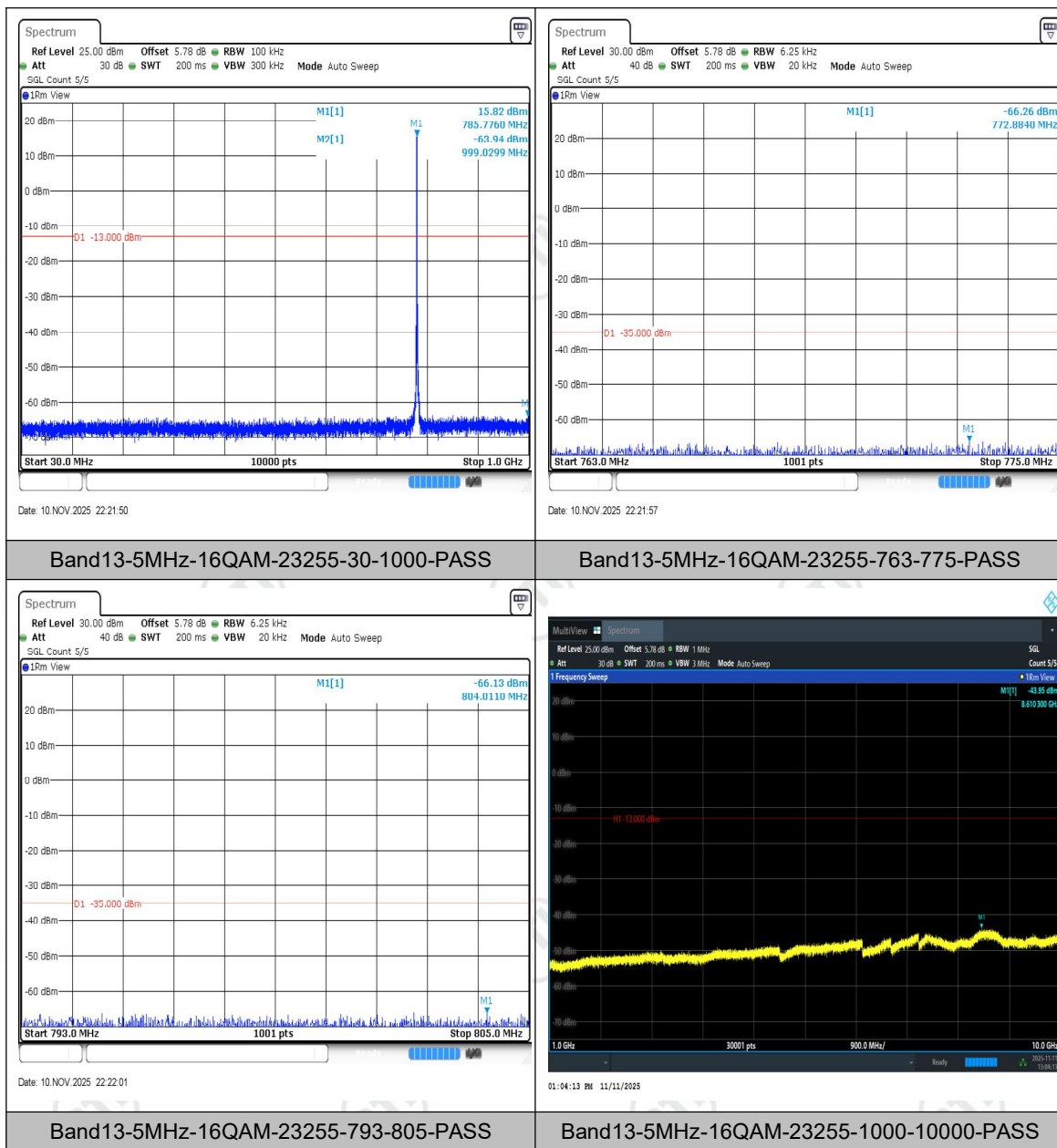


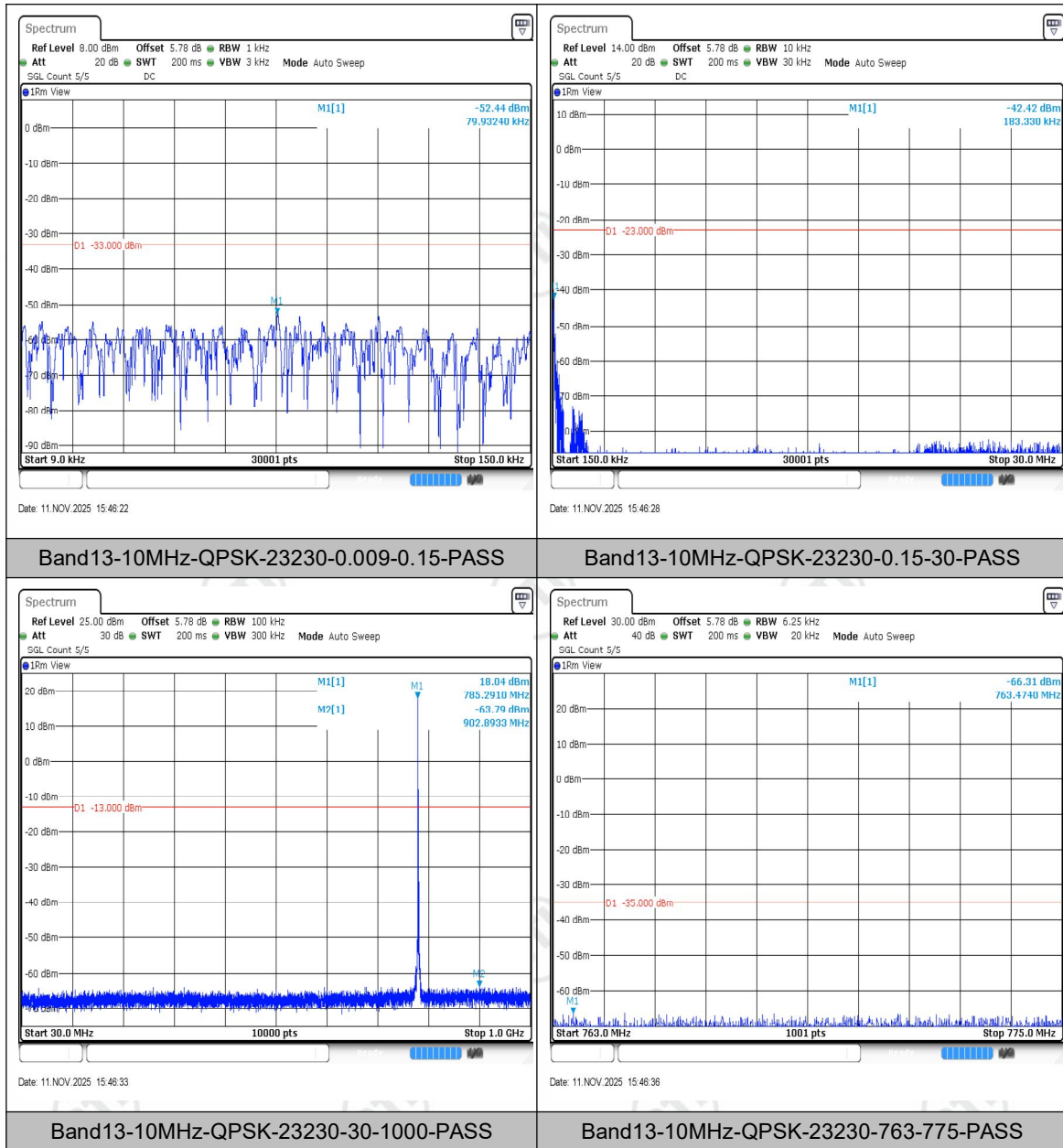


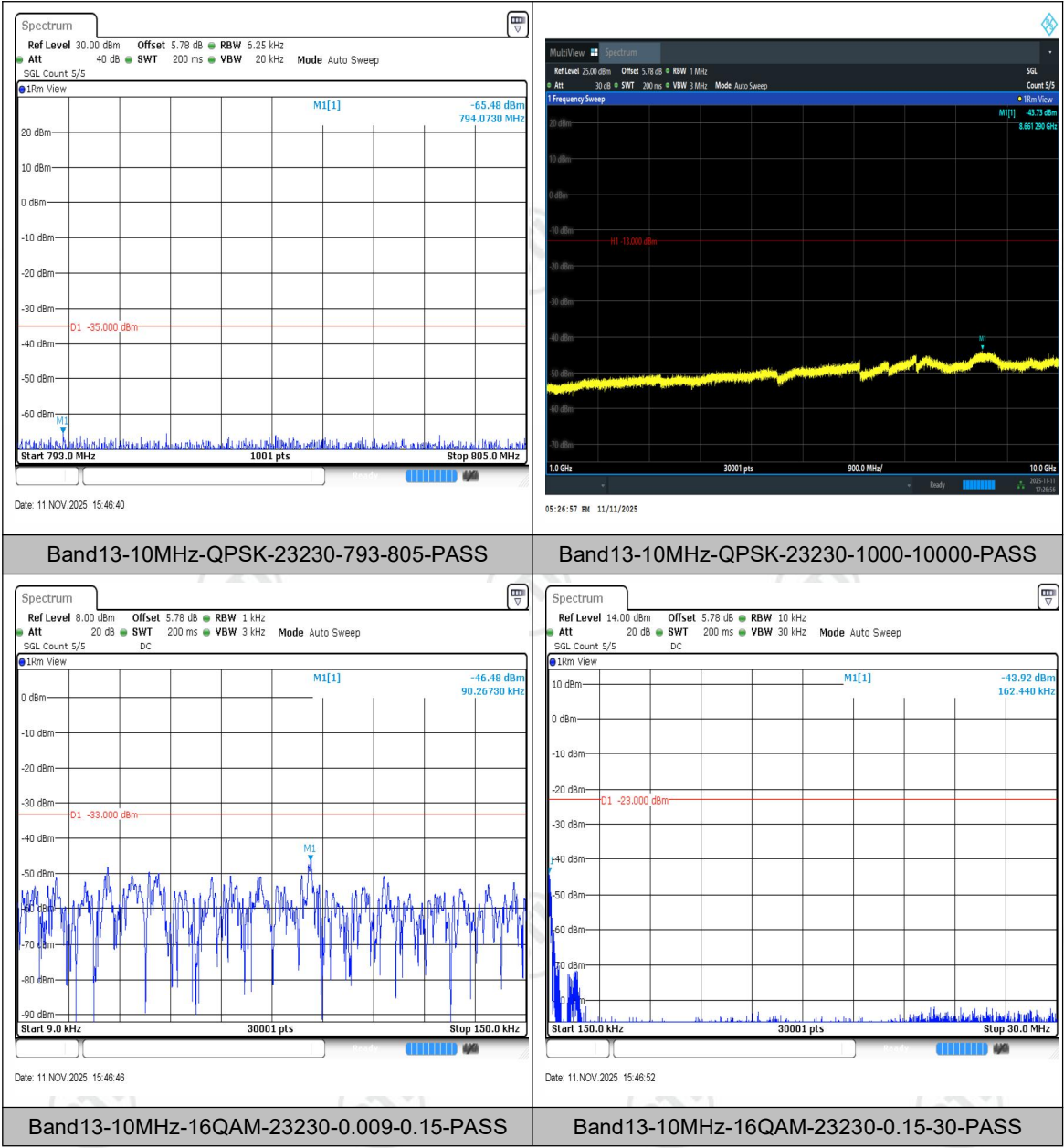


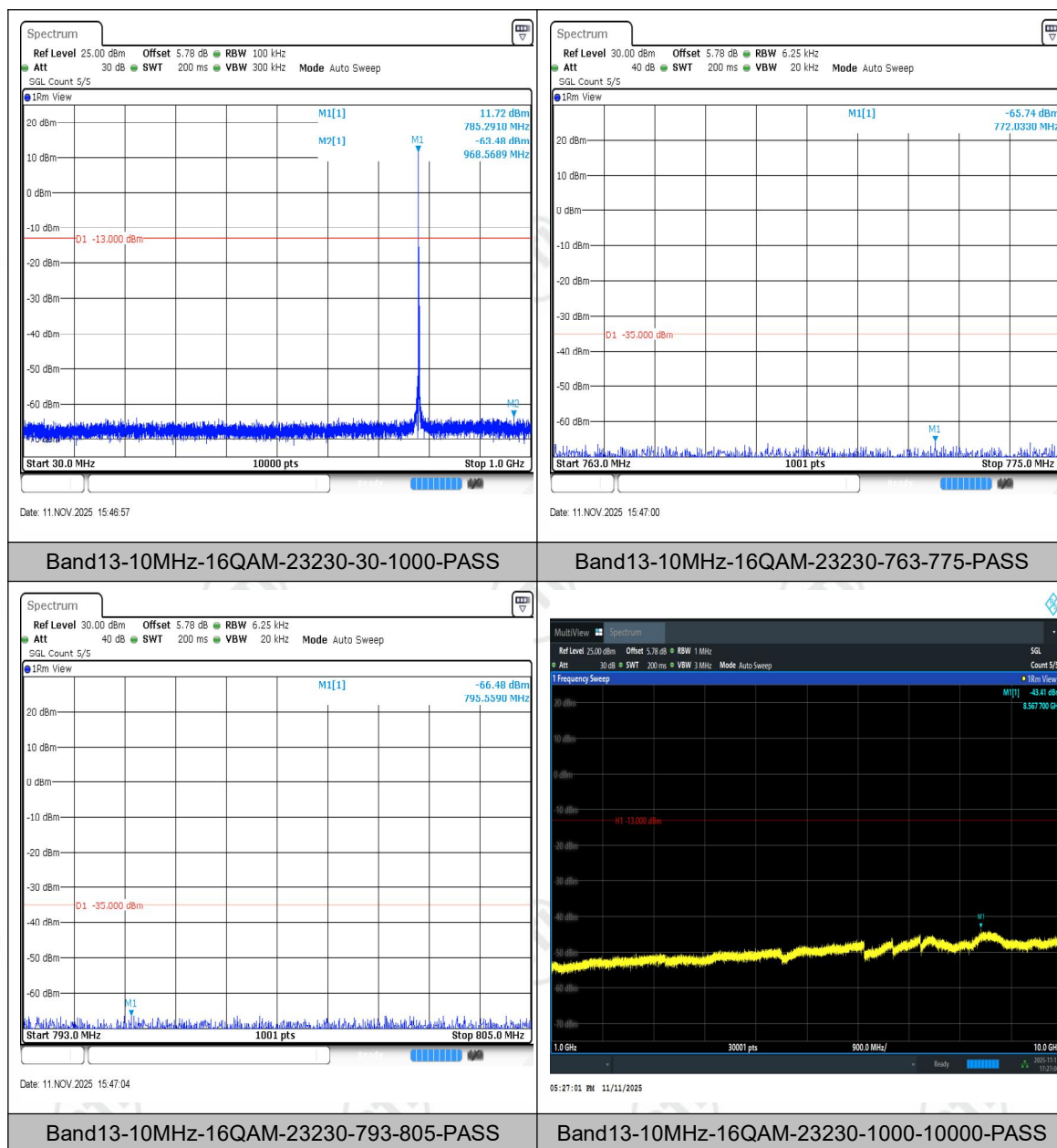












Appendix F: Frequency Stability for M1

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band 13	5MHz	23205	QPSK	6	0	Low	VN	NT	-13.52	-0.017344	±2.5	PASS
Band 13	5MHz	23205	QPSK	6	0	Low	VL	NT	-13.36	-0.017139	±2.5	PASS
Band 13	5MHz	23205	QPSK	6	0	Low	VH	NT	-13.72	-0.017601	±2.5	PASS
Band 13	5MHz	23205	16QAM	6	0	Low	VN	NT	11.49	0.014740	±2.5	PASS
Band 13	5MHz	23205	16QAM	6	0	Low	VL	NT	12.75	0.016357	±2.5	PASS
Band 13	5MHz	23205	16QAM	6	0	Low	VH	NT	11.72	0.015035	±2.5	PASS
Band 13	10MHz	23230	QPSK	6	0	Low	VN	NT	-11.33	-0.014488	±2.5	PASS
Band 13	10MHz	23230	QPSK	6	0	Low	VL	NT	-10.29	-0.013159	±2.5	PASS
Band 13	10MHz	23230	QPSK	6	0	Low	VH	NT	-10.54	-0.013478	±2.5	PASS
Band 13	10MHz	23230	16QAM	6	0	Low	VN	NT	-10.06	-0.012864	±2.5	PASS
Band 13	10MHz	23230	16QAM	6	0	Low	VL	NT	-10.91	-0.013951	±2.5	PASS
Band 13	10MHz	23230	16QAM	6	0	Low	VH	NT	-10.19	-0.013031	±2.5	PASS
Band 13	5MHz	23230	QPSK	6	0	Low	VN	NT	-4.28	-0.005473	±2.5	PASS
Band 13	5MHz	23230	QPSK	6	0	Low	VL	NT	2.37	0.003031	±2.5	PASS
Band 13	5MHz	23230	QPSK	6	0	Low	VH	NT	3.03	0.003875	±2.5	PASS
Band 13	5MHz	23230	16QAM	6	0	Low	VN	NT	3.46	0.004425	±2.5	PASS

Band 13	5MHz	23230	16QAM	6	0	Low	VL	NT	-2.78	-0.003555	±2.5	PA SS
Band 13	5MHz	23230	16QAM	6	0	Low	VH	NT	2.60	0.003325	±2.5	PA SS
Band 13	5MHz	23255	QPSK	6	0	High	VN	NT	-12.93	-0.016482	±2.5	PA SS
Band 13	5MHz	23255	QPSK	6	0	High	VL	NT	-12.89	-0.016431	±2.5	PA SS
Band 13	5MHz	23255	QPSK	6	0	High	VH	NT	-13.53	-0.017247	±2.5	PA SS
Band 13	5MHz	23255	16QAM	6	0	High	VN	NT	10.84	0.013818	±2.5	PA SS
Band 13	5MHz	23255	16QAM	6	0	High	VL	NT	10.57	0.013474	±2.5	PA SS
Band 13	5MHz	23255	16QAM	6	0	High	VH	NT	12.07	0.015386	±2.5	PA SS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band 13	5MHz	23205	QPSK	6	0	Low	NV	-30	-14.39	-0.018461	±2.5	PA SS
Band 13	5MHz	23205	QPSK	6	0	Low	NV	-20	-13.68	-0.017550	±2.5	PA SS
Band 13	5MHz	23205	QPSK	6	0	Low	NV	-10	12.27	0.015741	±2.5	PA SS
Band 13	5MHz	23205	QPSK	6	0	Low	NV	0	12.27	0.015741	±2.5	PA SS
Band 13	5MHz	23205	QPSK	6	0	Low	NV	10	12.85	0.016485	±2.5	PA SS
Band 13	5MHz	23205	QPSK	6	0	Low	NV	20	12.43	0.015946	±2.5	PA SS
Band 13	5MHz	23205	QPSK	6	0	Low	NV	30	12.16	0.015600	±2.5	PA SS
Band 13	5MHz	23205	QPSK	6	0	Low	NV	40	12.29	0.015767	±2.5	PA SS
Band 13	5MHz	23205	QPSK	6	0	Low	NV	50	11.54	0.014804	±2.5	PA SS
Band 13	5MHz	23205	16QAM	6	0	Low	NV	-30	11.39	0.014612	±2.5	PA SS

Band 13	5MHz	2320 5	16QA M	6	0	Low	NV	-20	11.9 6	0.01 5343	±2. 5	PA SS
Band 13	5MHz	2320 5	16QA M	6	0	Low	NV	-10	12.1 6	0.01 5600	±2. 5	PA SS
Band 13	5MHz	2320 5	16QA M	6	0	Low	NV	0	12.8 2	0.01 6446	±2. 5	PA SS
Band 13	5MHz	2320 5	16QA M	6	0	Low	NV	10	12.0 7	0.01 5484	±2. 5	PA SS
Band 13	5MHz	2320 5	16QA M	6	0	Low	NV	20	11.3 6	0.01 4573	±2. 5	PA SS
Band 13	5MHz	2320 5	16QA M	6	0	Low	NV	30	11.7 3	0.01 5048	±2. 5	PA SS
Band 13	5MHz	2320 5	16QA M	6	0	Low	NV	40	12.1 3	0.01 5561	±2. 5	PA SS
Band 13	5MHz	2320 5	16QA M	6	0	Low	NV	50	10.8 7	0.01 3945	±2. 5	PA SS
Band 13	10MHz z	2323 0	QPSK	6	0	Low	NV	-30	-10.4 4	-0.01 3350	±2. 5	PA SS
Band 13	10MHz z	2323 0	QPSK	6	0	Low	NV	-20	-10.2 1	-0.01 3056	±2. 5	PA SS
Band 13	10MHz z	2323 0	QPSK	6	0	Low	NV	-10	-10.2 0	-0.01 3043	±2. 5	PA SS
Band 13	10MHz z	2323 0	QPSK	6	0	Low	NV	0	-10.1 7	-0.01 3005	±2. 5	PA SS
Band 13	10MHz z	2323 0	QPSK	6	0	Low	NV	10	-10.2 7	-0.01 3133	±2. 5	PA SS
Band 13	10MHz z	2323 0	QPSK	6	0	Low	NV	20	-10.6 7	-0.01 3645	±2. 5	PA SS
Band 13	10MHz z	2323 0	QPSK	6	0	Low	NV	30	-10.5 6	-0.01 3504	±2. 5	PA SS
Band 13	10MHz z	2323 0	QPSK	6	0	Low	NV	40	-9.94 2711	-0.01 2711	±2. 5	PA SS
Band 13	10MHz z	2323 0	QPSK	6	0	Low	NV	50	-10.6 1	-0.01 3568	±2. 5	PA SS
Band 13	10MHz z	2323 0	16QA M	6	0	Low	NV	-30	-11.0 9	-0.01 4182	±2. 5	PA SS
Band 13	10MHz z	2323 0	16QA M	6	0	Low	NV	-20	-10.8 1	-0.01 3824	±2. 5	PA SS
Band 13	10MHz z	2323 0	16QA M	6	0	Low	NV	-10	-10.3 7	-0.01 3261	±2. 5	PA SS
Band 13	10MHz	2323	16QA	6	0	Low	NV	0	-10.1	-0.01	±2.	PA

13	z	0	M						0	2916	5	SS
Band 13	10MH	2323	16QA	6	0	Low	NV	10	-10.3	-0.01	±2.	PA
	z	0	M						4	3223	5	SS
Band 13	10MH	2323	16QA	6	0	Low	NV	20	-11.1	-0.01	±2.	PA
	z	0	M						3	4233	5	SS
Band 13	10MH	2323	16QA	6	0	Low	NV	30	-10.1	-0.01	±2.	PA
	z	0	M						4	2967	5	SS
Band 13	10MH	2323	16QA	6	0	Low	NV	40	-10.8	-0.01	±2.	PA
	z	0	M						7	3900	5	SS
Band 13	10MH	2323	16QA	6	0	Low	NV	50	-10.3	-0.01	±2.	PA
	z	0	M						7	3261	5	SS
Band 13	5MHz	2323	QPSK	6	0	Low	NV	-30	-3.03	-0.00	±2.	PA
		0								3875	5	SS
Band 13	5MHz	2323	QPSK	6	0	Low	NV	-20	4.21	0.00	±2.	PA
		0								5384	5	SS
Band 13	5MHz	2323	QPSK	6	0	Low	NV	-10	-2.90	-0.00	±2.	PA
		0								3708	5	SS
Band 13	5MHz	2323	QPSK	6	0	Low	NV	0	3.13	0.00	±2.	PA
		0								4003	5	SS
Band 13	5MHz	2323	QPSK	6	0	Low	NV	10	-3.18	-0.00	±2.	PA
		0								4066	5	SS
Band 13	5MHz	2323	QPSK	6	0	Low	NV	20	-3.23	-0.00	±2.	PA
		0								4130	5	SS
Band 13	5MHz	2323	QPSK	6	0	Low	NV	30	3.33	0.00	±2.	PA
		0								4258	5	SS
Band 13	5MHz	2323	QPSK	6	0	Low	NV	40	2.73	0.00	±2.	PA
		0								3491	5	SS
Band 13	5MHz	2323	QPSK	6	0	Low	NV	50	-3.06	-0.00	±2.	PA
		0								3913	5	SS
Band 13	5MHz	2323	16QA	6	0	Low	NV	-30	-2.75	-0.00	±2.	PA
		0	M							3517	5	SS
Band 13	5MHz	2323	16QA	6	0	Low	NV	-20	-2.22	-0.00	±2.	PA
		0	M							2839	5	SS
Band 13	5MHz	2323	16QA	6	0	Low	NV	-10	3.39	0.00	±2.	PA
		0	M							4335	5	SS
Band 13	5MHz	2323	16QA	6	0	Low	NV	0	2.57	0.00	±2.	PA
		0	M							3286	5	SS
Band 13	5MHz	2323	16QA	6	0	Low	NV	10	-2.59	-0.00	±2.	PA
		0	M							3312	5	SS
Band 13	5MHz	2323	16QA	6	0	Low	NV	20	-2.83	-0.00	±2.	PA
		0	M							3619	5	SS

Band 13	5MHz	23230	16QAM	6	0	Low	NV	30	-2.93	-0.003747	±2.5	PA SS
Band 13	5MHz	23230	16QAM	6	0	Low	NV	40	-3.16	-0.004041	±2.5	PA SS
Band 13	5MHz	23230	16QAM	6	0	Low	NV	50	-2.35	-0.003005	±2.5	PA SS
Band 13	5MHz	23255	QPSK	6	0	High	NV	-30	-14.49	-0.018470	±2.5	PA SS
Band 13	5MHz	23255	QPSK	6	0	High	NV	-20	-14.06	-0.017922	±2.5	PA SS
Band 13	5MHz	23255	QPSK	6	0	High	NV	-10	-15.08	-0.019222	±2.5	PA SS
Band 13	5MHz	23255	QPSK	6	0	High	NV	0	-14.82	-0.018891	±2.5	PA SS
Band 13	5MHz	23255	QPSK	6	0	High	NV	10	-13.92	-0.017744	±2.5	PA SS
Band 13	5MHz	23255	QPSK	6	0	High	NV	20	-14.13	-0.018011	±2.5	PA SS
Band 13	5MHz	23255	QPSK	6	0	High	NV	30	-15.71	-0.020025	±2.5	PA SS
Band 13	5MHz	23255	QPSK	6	0	High	NV	40	-14.76	-0.018815	±2.5	PA SS
Band 13	5MHz	23255	QPSK	6	0	High	NV	50	10.63	0.013550	±2.5	PA SS
Band 13	5MHz	23255	16QAM	6	0	High	NV	-30	10.87	0.013856	±2.5	PA SS
Band 13	5MHz	23255	16QAM	6	0	High	NV	-20	10.20	0.013002	±2.5	PA SS
Band 13	5MHz	23255	16QAM	6	0	High	NV	-10	10.01	0.012760	±2.5	PA SS
Band 13	5MHz	23255	16QAM	6	0	High	NV	0	9.87	0.012581	±2.5	PA SS
Band 13	5MHz	23255	16QAM	6	0	High	NV	10	9.87	0.012581	±2.5	PA SS
Band 13	5MHz	23255	16QAM	6	0	High	NV	20	10.07	0.012836	±2.5	PA SS
Band 13	5MHz	23255	16QAM	6	0	High	NV	30	10.86	0.013843	±2.5	PA SS
Band 13	5MHz	23255	16QAM	6	0	High	NV	40	10.20	0.013002	±2.5	PA SS
Band 13	5MHz	23255	16QAM	6	0	High	NV	50	10.3	0.01	±2.5	PA

13		5	M						1	3142	5	SS
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*** End of Report ***