

Appendix for LTE Band 13

Applicant: UCLOUDLINK (SINGAPORE) PTE.LTD

**Address: 80 ROBINSON ROAD #02-00
SINGAPORE(068898)**

Product Name: Cloudsim Kit

Model: GLMU24A02

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Appendix A: Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.53	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.66	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.71	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.69	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.69	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.61	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.91	PASS
Band13	5MHz	16QAM	23205	12RB#0	22.90	PASS
Band13	5MHz	QPSK	23205	12RB#6	22.92	PASS
Band13	5MHz	16QAM	23205	12RB#6	22.91	PASS
Band13	5MHz	QPSK	23205	12RB#13	22.88	PASS
Band13	5MHz	16QAM	23205	12RB#13	22.85	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.76	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.81	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.62	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.73	PASS
Band13	5MHz	QPSK	23230	1RB#12	24.15	PASS
Band13	5MHz	16QAM	23230	1RB#12	23.26	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.91	PASS
Band13	5MHz	16QAM	23230	1RB#24	23.07	PASS
Band13	5MHz	QPSK	23230	12RB#0	22.94	PASS
Band13	5MHz	16QAM	23230	12RB#0	22.98	PASS
Band13	5MHz	QPSK	23230	12RB#6	22.96	PASS
Band13	5MHz	16QAM	23230	12RB#6	22.96	PASS
Band13	5MHz	QPSK	23230	12RB#13	23.60	PASS
Band13	5MHz	16QAM	23230	12RB#13	23.58	PASS
Band13	5MHz	QPSK	23230	25RB#0	23.50	PASS
Band13	5MHz	16QAM	23230	25RB#0	22.53	PASS
Band13	5MHz	QPSK	23255	1RB#0	24.45	PASS
Band13	5MHz	16QAM	23255	1RB#0	23.40	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.79	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.78	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.39	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.38	PASS
Band13	5MHz	QPSK	23255	12RB#0	23.34	PASS
Band13	5MHz	16QAM	23255	12RB#0	23.41	PASS
Band13	5MHz	QPSK	23255	12RB#6	23.35	PASS
Band13	5MHz	16QAM	23255	12RB#6	23.39	PASS

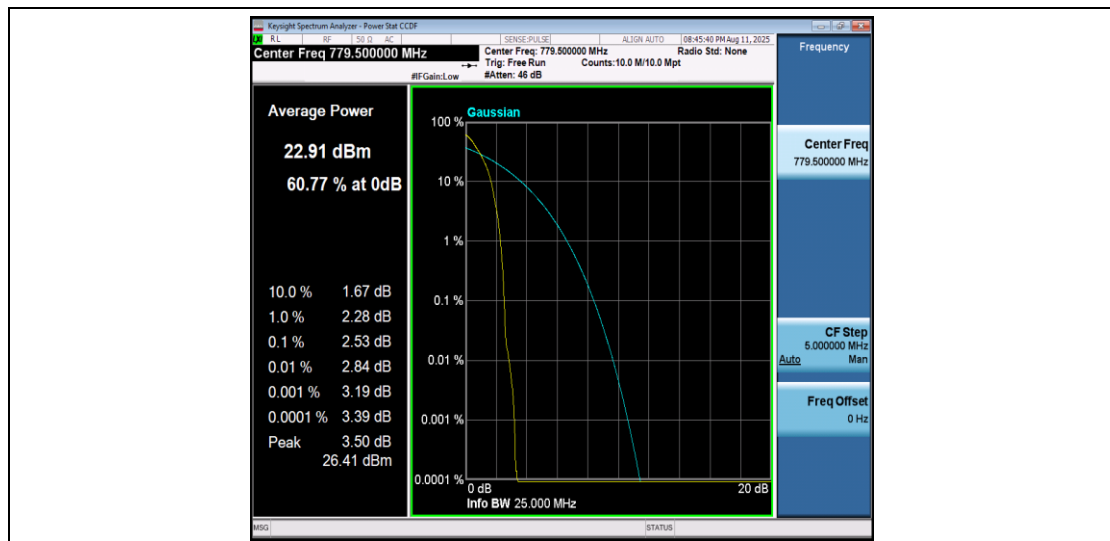
Band13	5MHz	QPSK	23255	12RB#13	22.97	PASS
Band13	5MHz	16QAM	23255	12RB#13	22.92	PASS
Band13	5MHz	QPSK	23255	25RB#0	23.10	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.18	PASS
Band13	10MHz	QPSK	23230	1RB#0	24.47	PASS
Band13	10MHz	16QAM	23230	1RB#0	23.17	PASS
Band13	10MHz	QPSK	23230	1RB#24	24.07	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.92	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.45	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.71	PASS
Band13	10MHz	QPSK	23230	25RB#0	23.23	PASS
Band13	10MHz	16QAM	23230	25RB#0	23.14	PASS
Band13	10MHz	QPSK	23230	25RB#12	22.99	PASS
Band13	10MHz	16QAM	23230	25RB#12	23.07	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.63	PASS
Band13	10MHz	16QAM	23230	25RB#25	22.77	PASS
Band13	10MHz	QPSK	23230	50RB#0	23.10	PASS

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

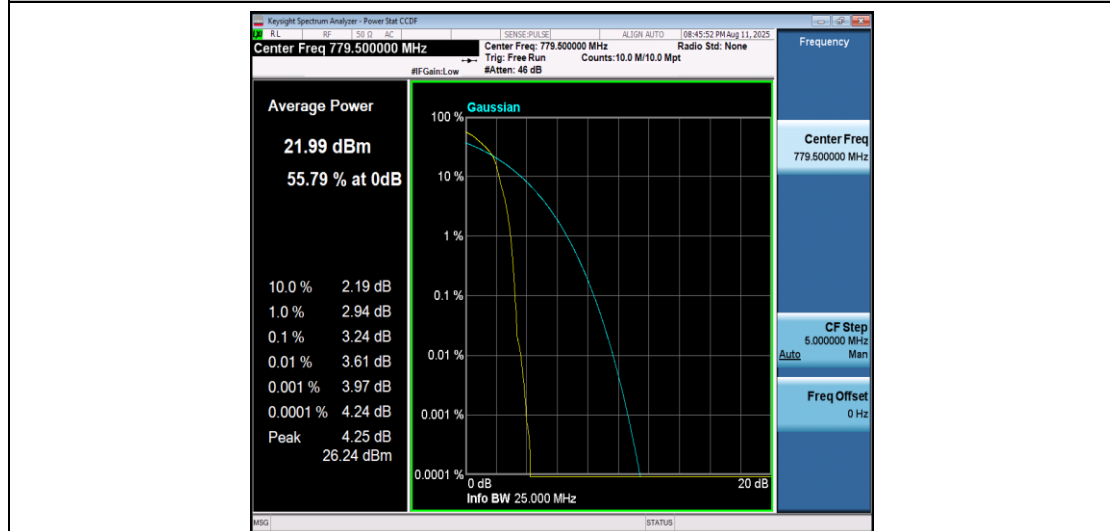
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	2.53	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	3.24	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	4.05	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.80	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	3.20	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	3.83	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	3.87	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.16	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	3.33	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	3.92	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.94	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	5.81	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	4.11	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	4.84	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	2.73	13	PASS

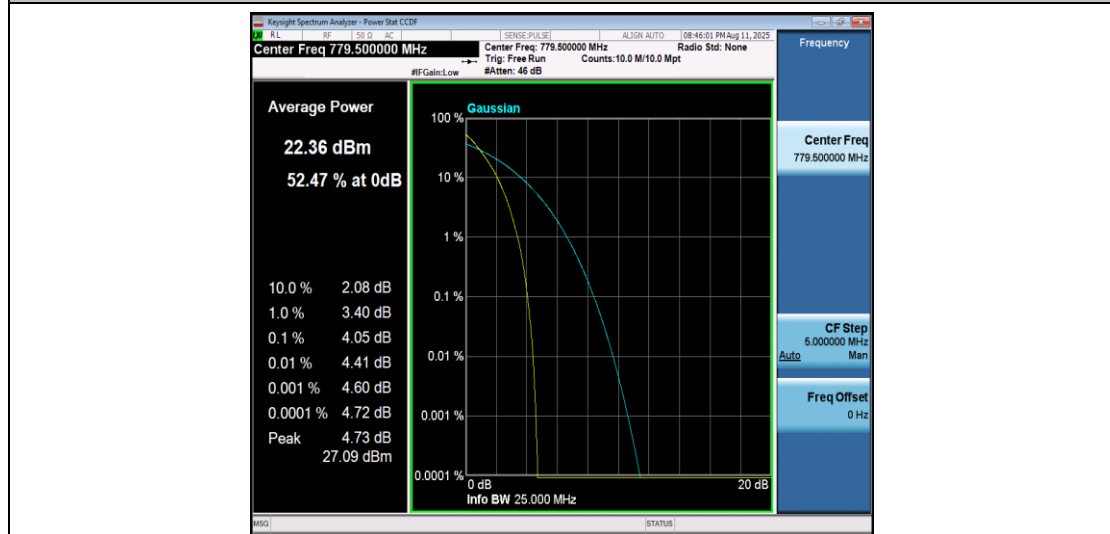
Test Graphs



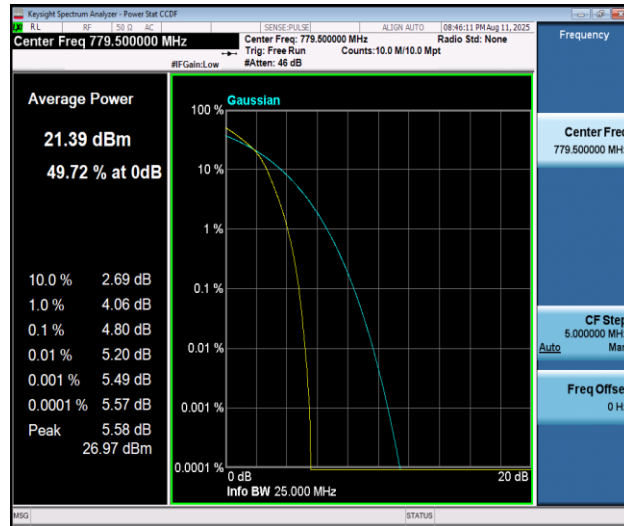
Band13-5MHz-QPSK-23205-1RB#0-PASS



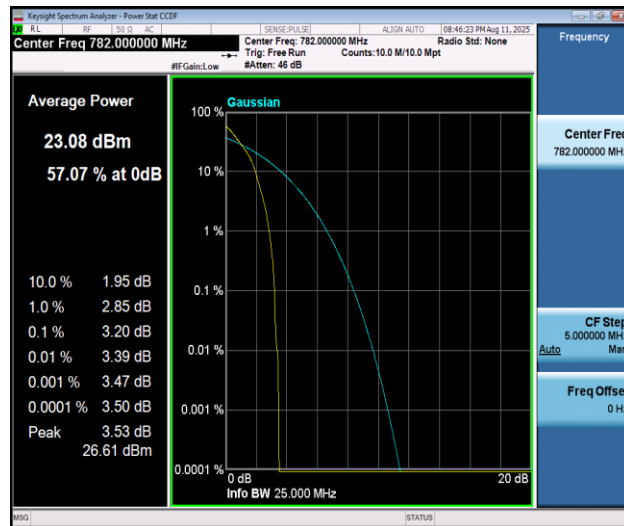
Band13-5MHz-16QAM-23205-1RB#0-PASS



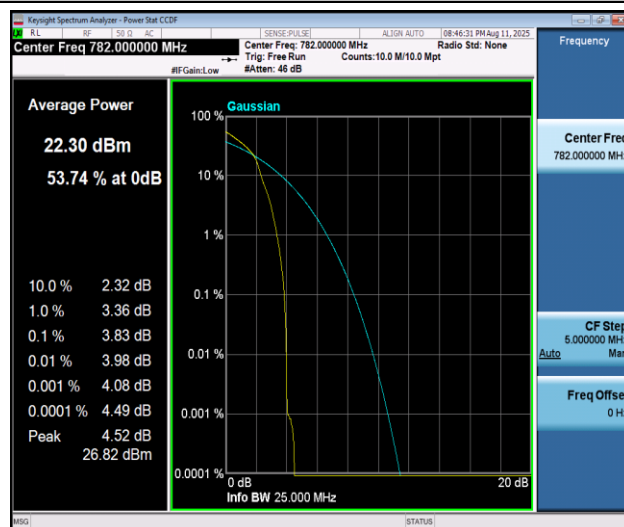
Band13-5MHz-QPSK-23205-25RB#0-PASS



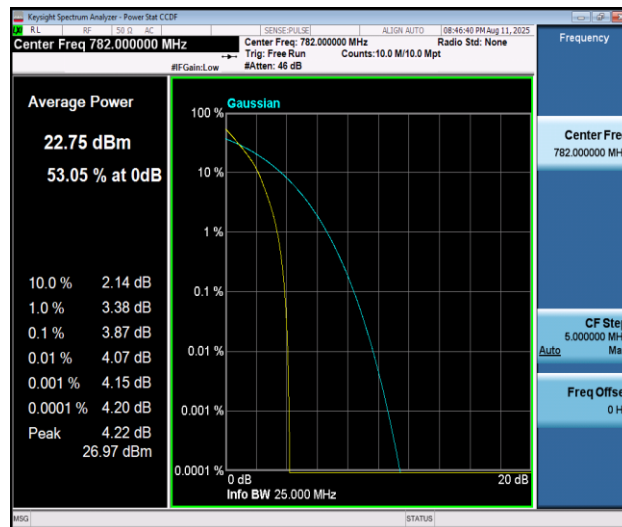
Band13-5MHz-16QAM-23205-25RB#0-PASS



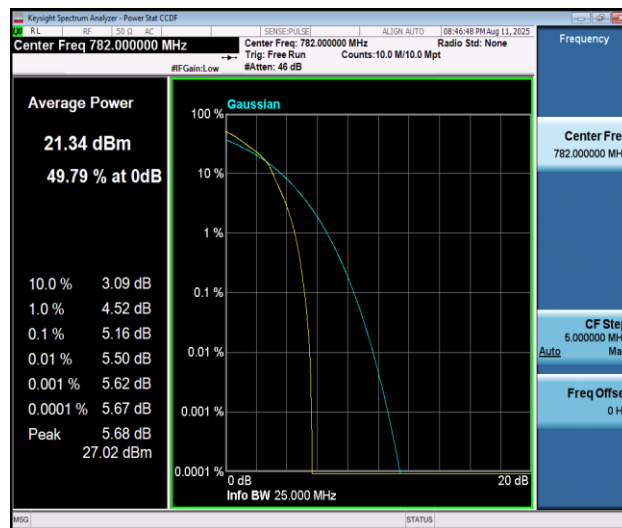
Band13-5MHz-QPSK-23230-1RB#0-PASS



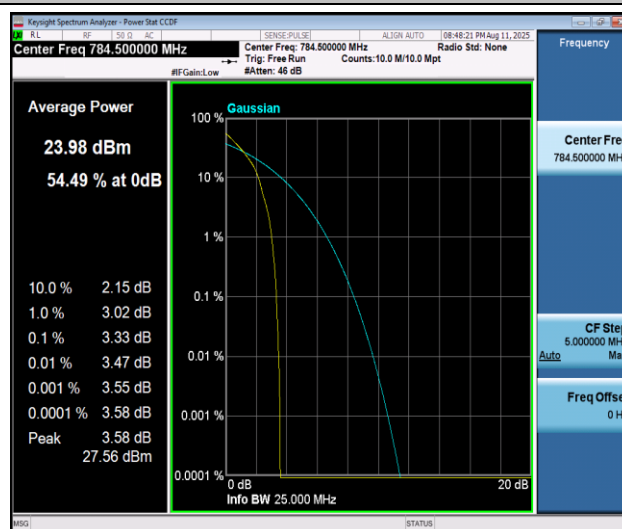
Band13-5MHz-16QAM-23230-1RB#0-PASS



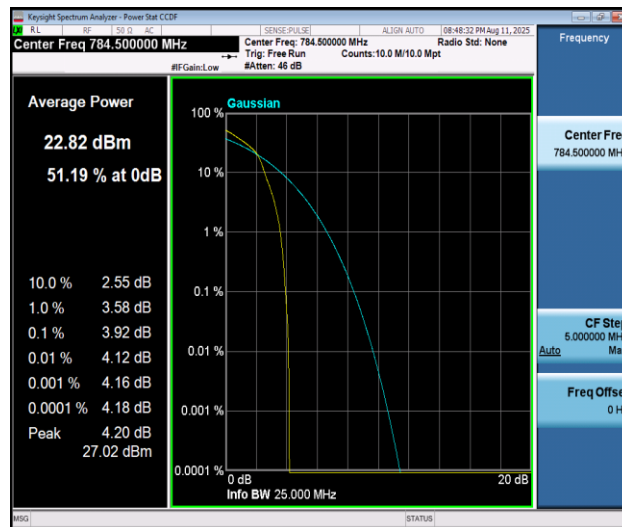
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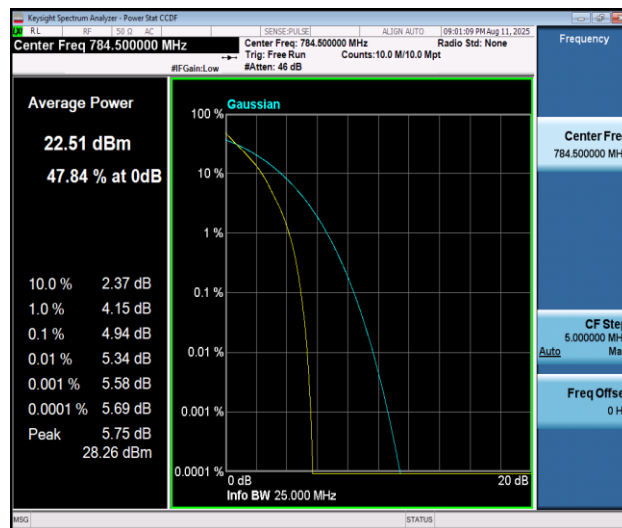
Band13-5MHz-16QAM-23230-25RB#0-PASS



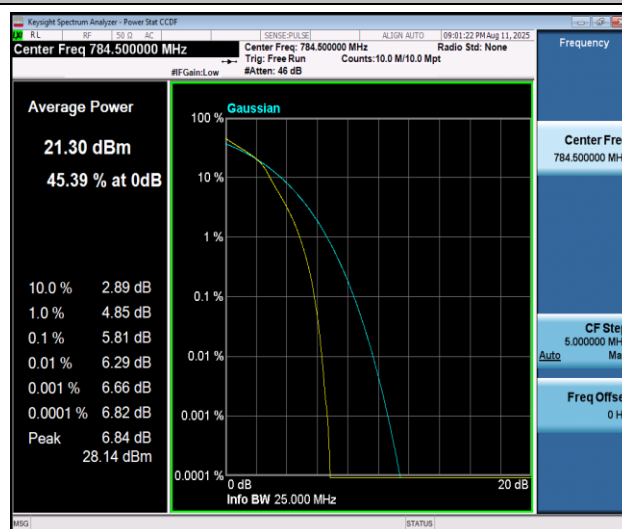
Band13-5MHz-QPSK-23255-1RB#0-PASS



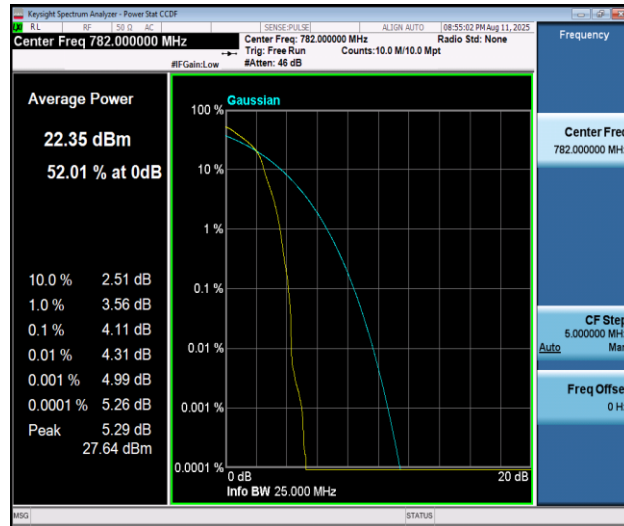
Band13-5MHz-16QAM-23255-1RB#0-PASS



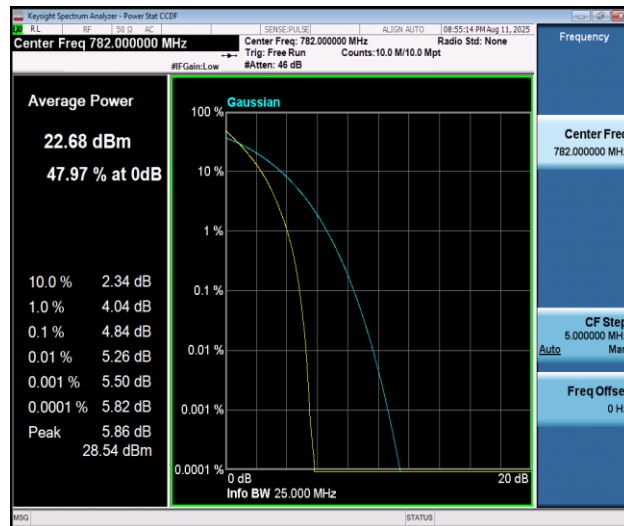
Band13-5MHz-QPSK-23255-25RB#0-PASS



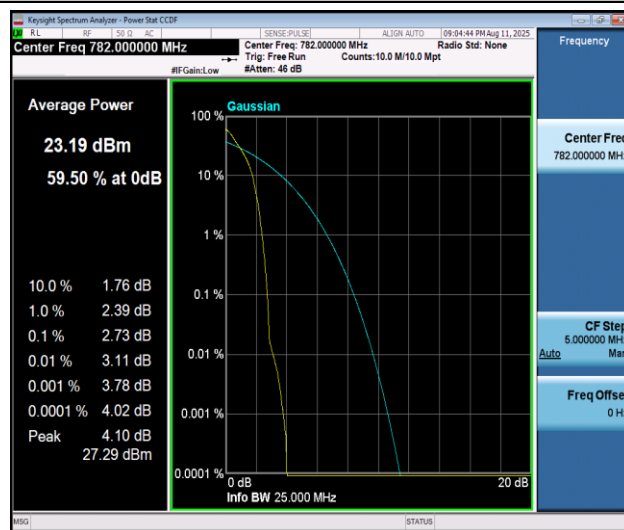
Band13-5MHz-16QAM-23255-25RB#0-PASS



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



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



Band13-10MHz-QPSK-23230-1RB#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	4.4918	5.083	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4858	5.056	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.4966	5.107	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5037	5.083	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5045	5.145	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5198	5.155	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9926	9.918	PASS

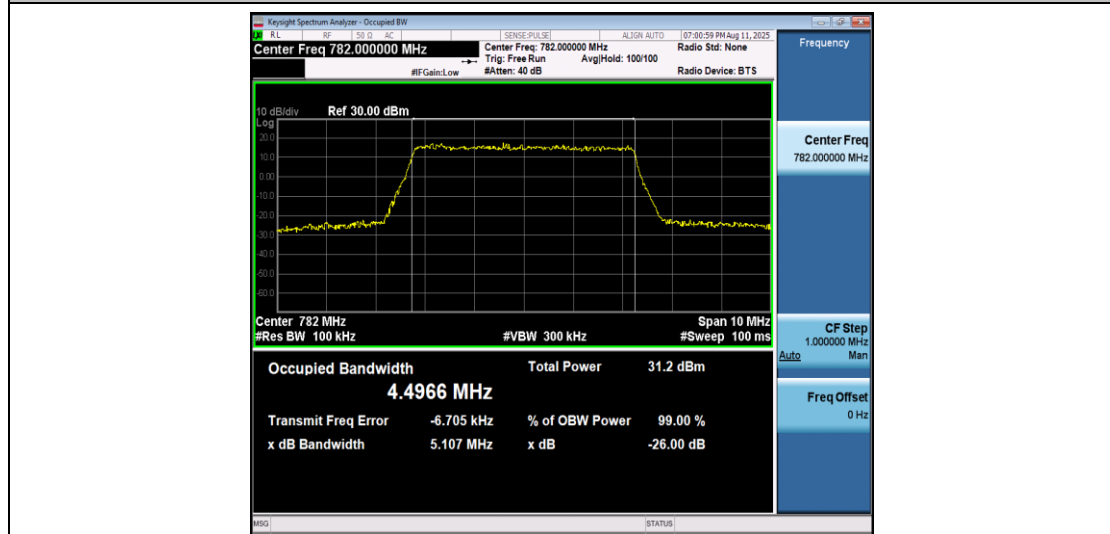
Test Graphs



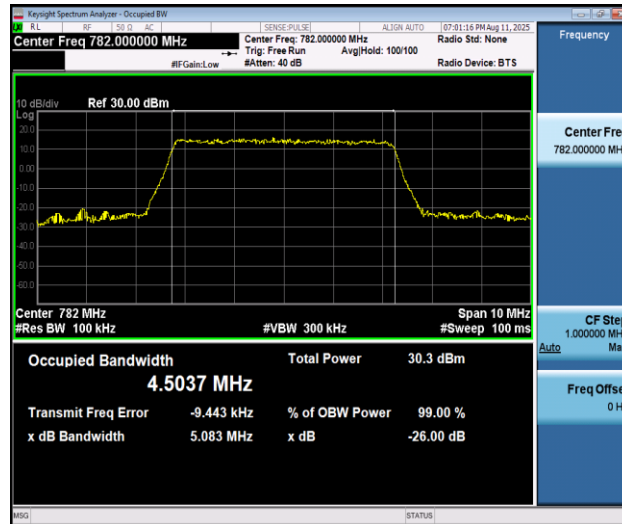
Band13-5MHz-QPSK-23205-25RB#0-PASS



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



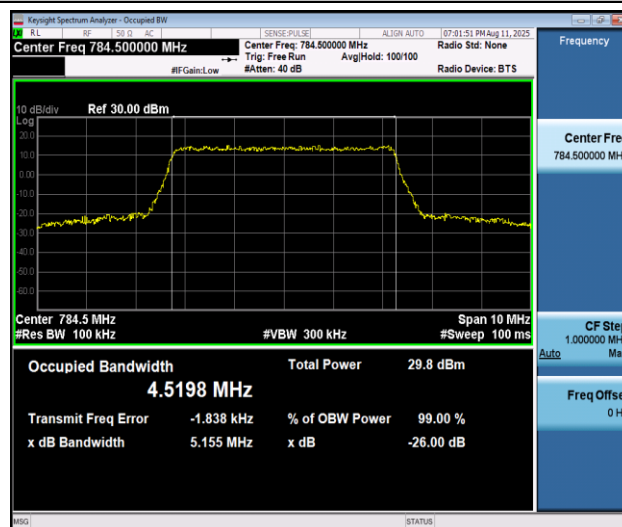
Band13-5MHz-QPSK-23230-25RB#0-PASS



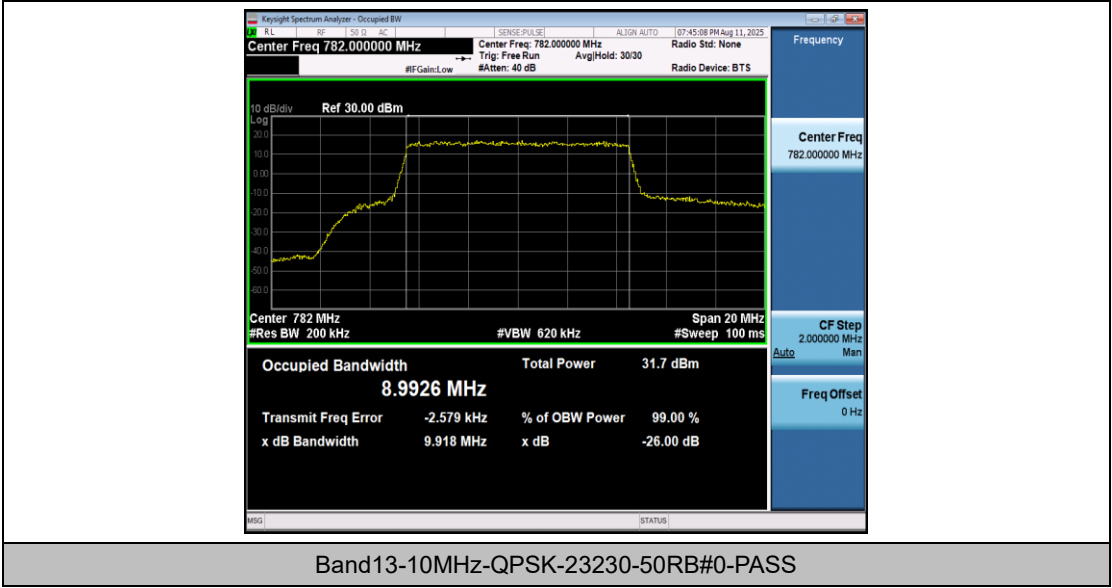
Band13-5MHz-16QAM-23230-25RB#0-PASS



Band13-5MHz-QPSK-23255-25RB#0-PASS



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

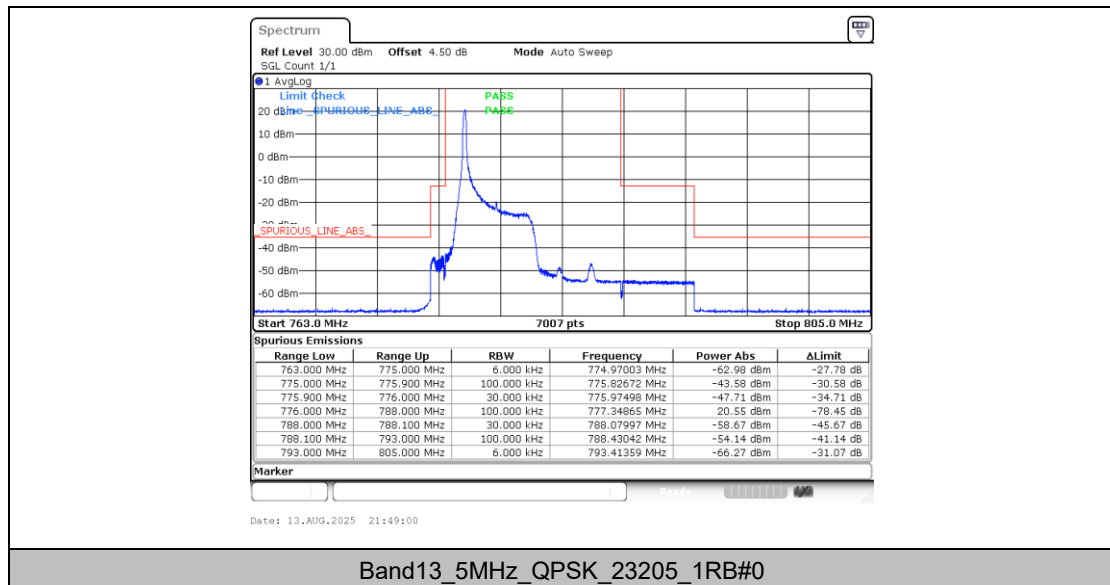


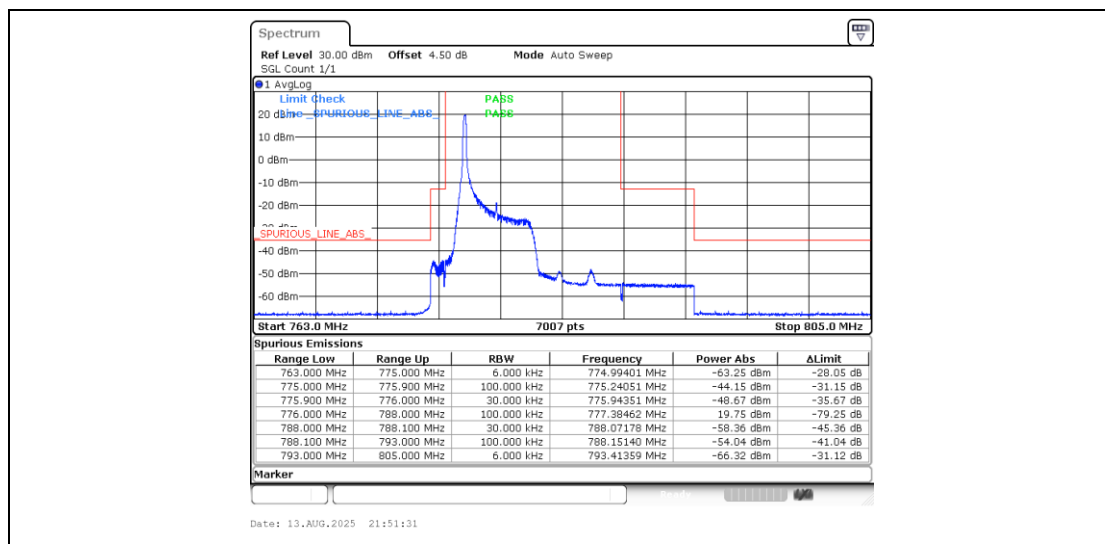
Appendix D: Band Edge

Test Result

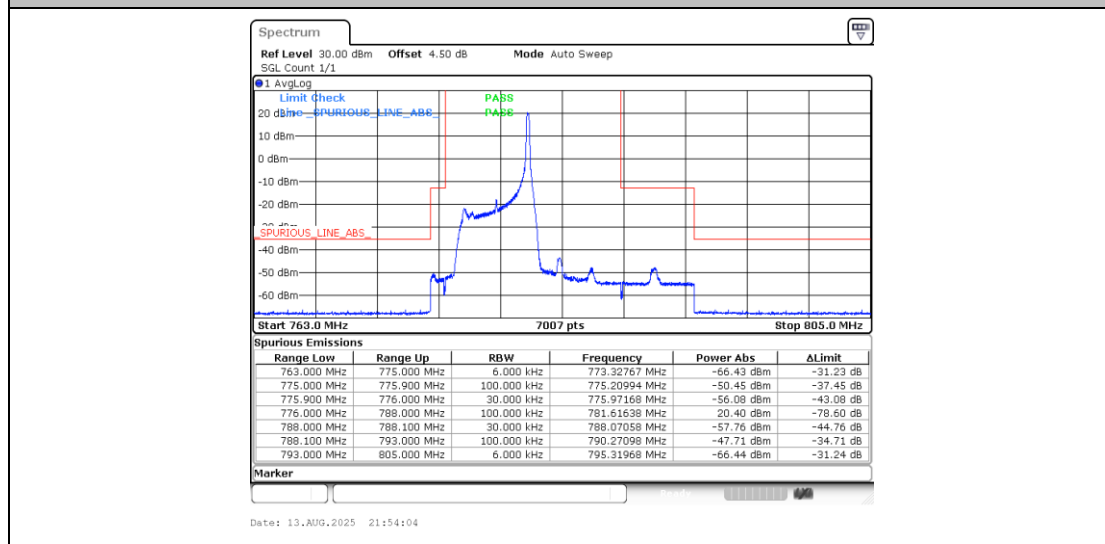
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-62.98	PASS
Band13	5MHz	16QAM	23205	1RB#0	-63.25	PASS
Band13	5MHz	QPSK	23205	1RB#24	-66.43	PASS
Band13	5MHz	16QAM	23205	1RB#24	-66.38	PASS
Band13	5MHz	QPSK	23205	25RB#0	-51.55	PASS
Band13	5MHz	16QAM	23205	25RB#0	-54.21	PASS
Band13	5MHz	QPSK	23255	1RB#0	-66.49	PASS
Band13	5MHz	16QAM	23255	1RB#0	-66.37	PASS
Band13	10MHz	QPSK	23230	1RB#0	-60.15	PASS
Band13	10MHz	16QAM	23230	1RB#0	-61.39	PASS
Band13	10MHz	QPSK	23230	1RB#49	-58.93	PASS
Band13	10MHz	16QAM	23230	1RB#49	-60.67	PASS
Band13	5MHz	QPSK	23255	1RB#24	-64.87	PASS
Band13	5MHz	16QAM	23255	1RB#24	-43.07	PASS
Band13	5MHz	QPSK	23255	25RB#0	-32.91	PASS
Band13	5MHz	16QAM	23255	25RB#0	-34.00	PASS
Band13	10MHz	QPSK	23230	50RB#0	-50.41	PASS

Test Graphs

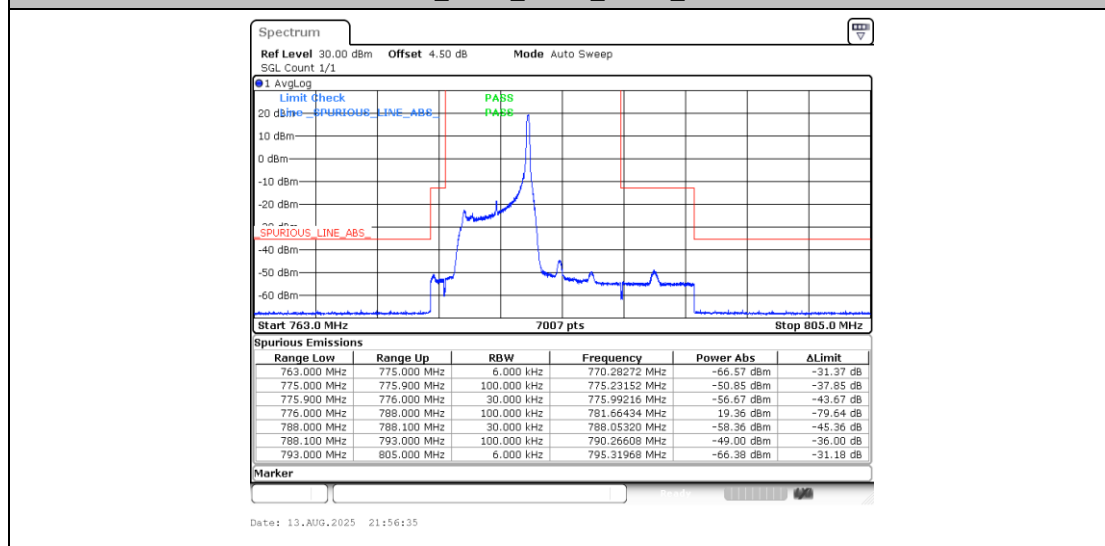




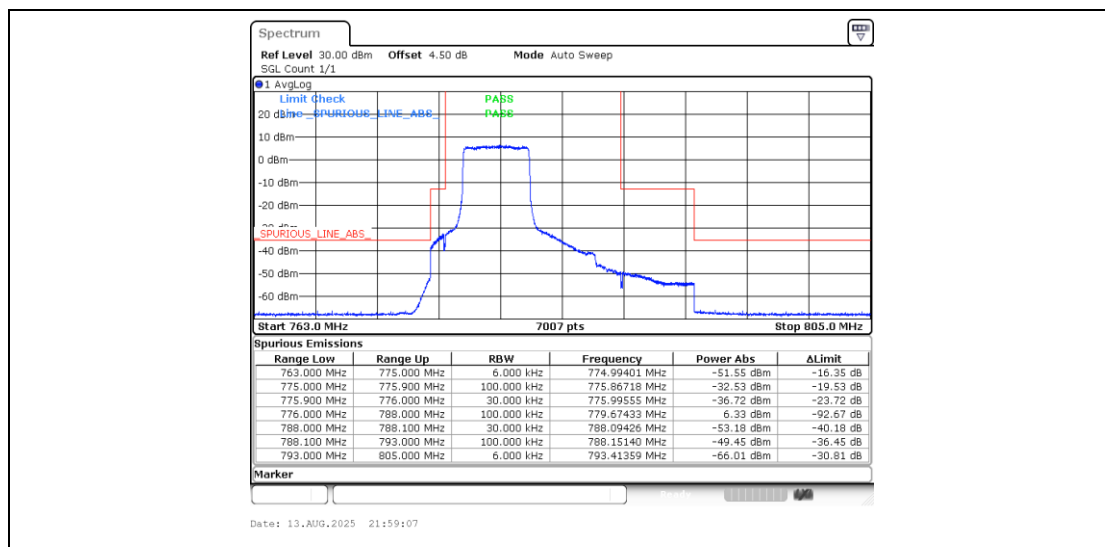
Band13_5MHz_16QAM_23205_1RB#0



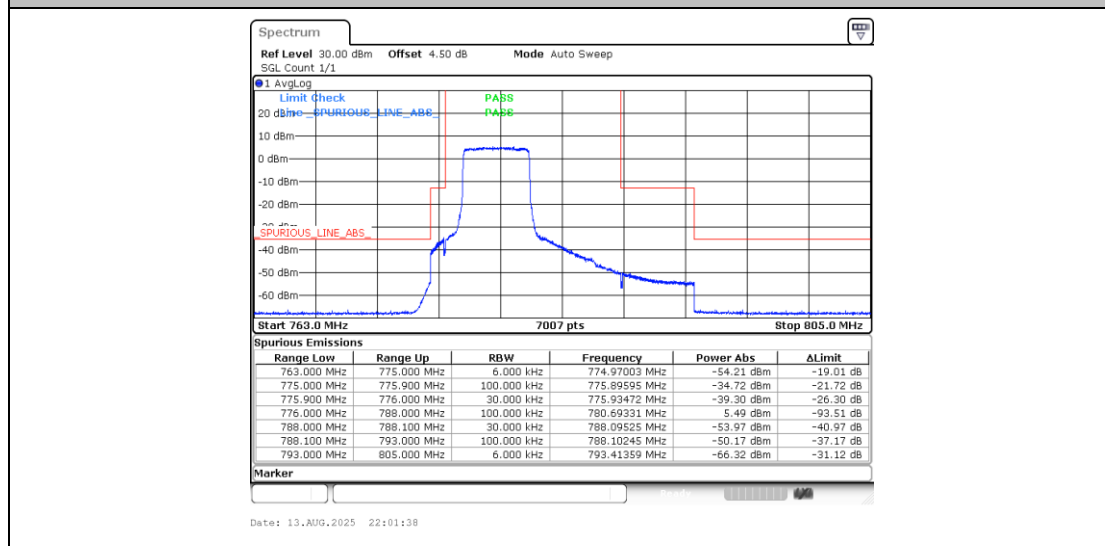
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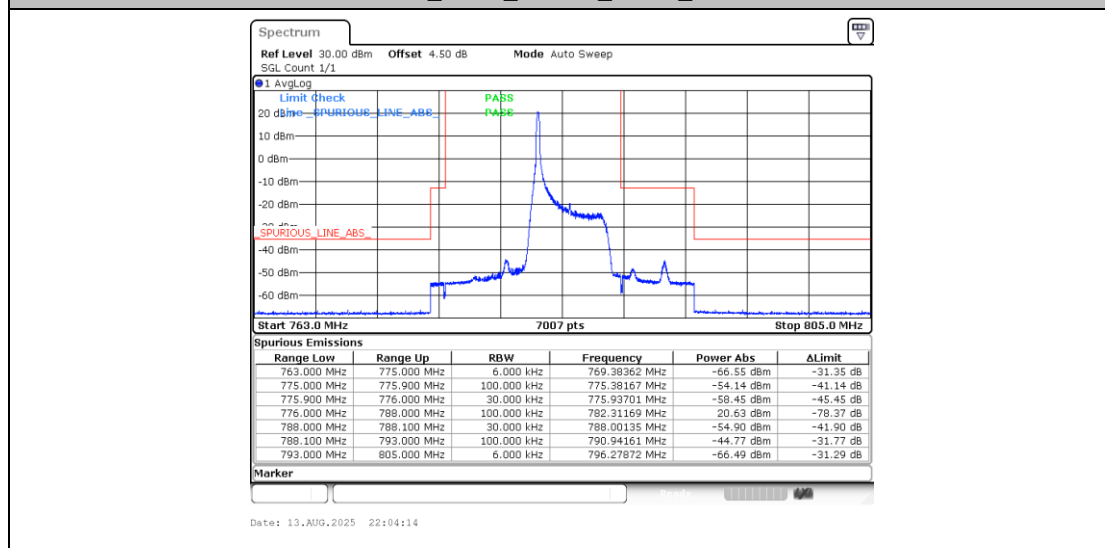
Band13_5MHz_16QAM_23205_1RB#24



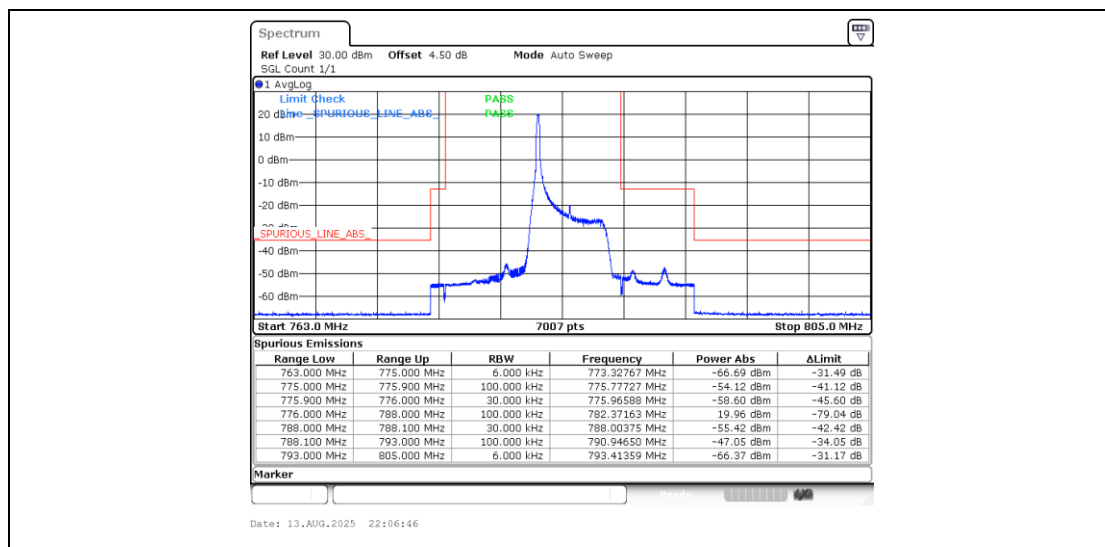
Band13_5MHz_QPSK_23205_25RB#0



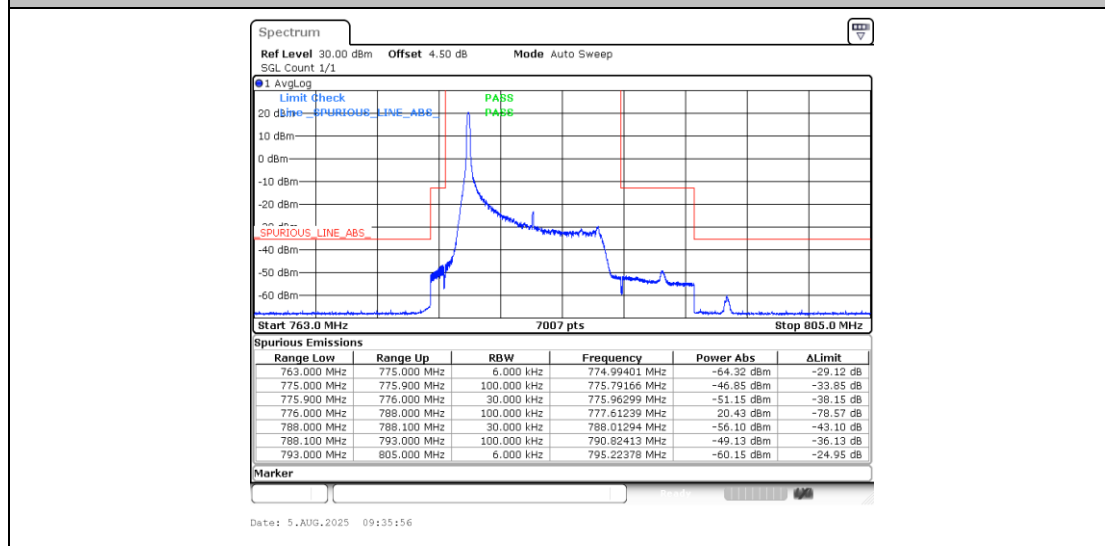
Band13_5MHz_16QAM_23205_25RB#0



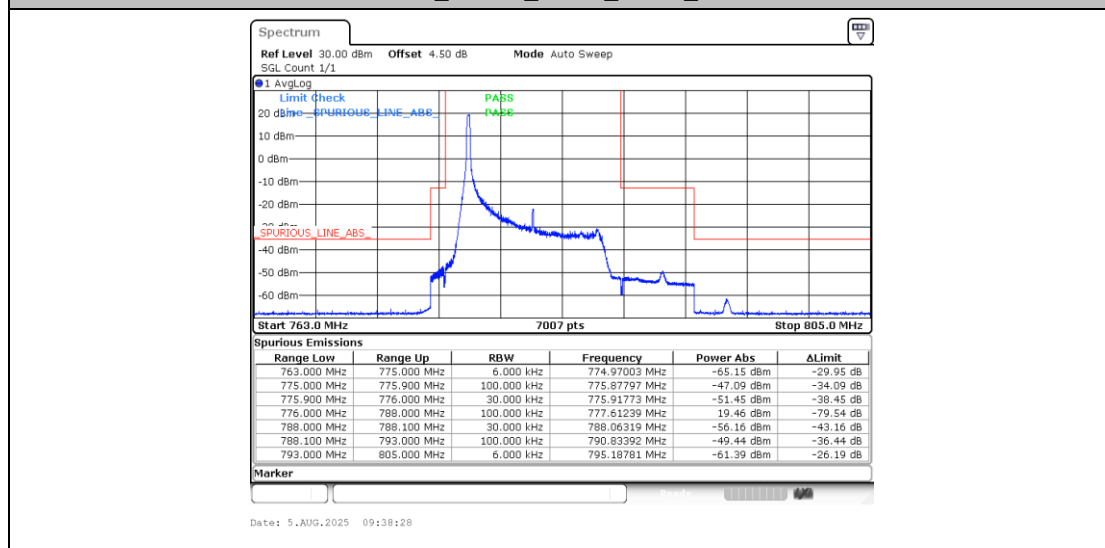
Band13_5MHz_QPSK_23255_1RB#0



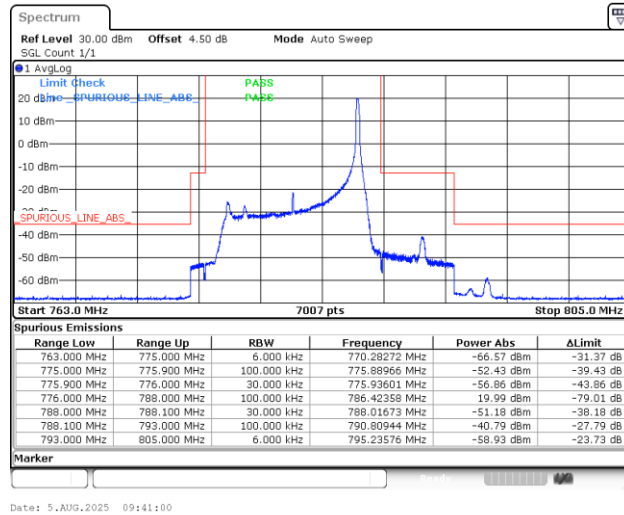
Band13_5MHz_16QAM_23255_1RB#0



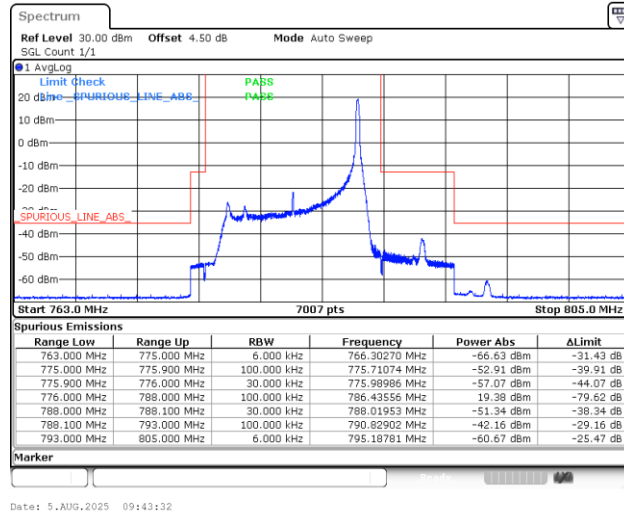
Band13_10MHz_QPSK_23230_1RB#0



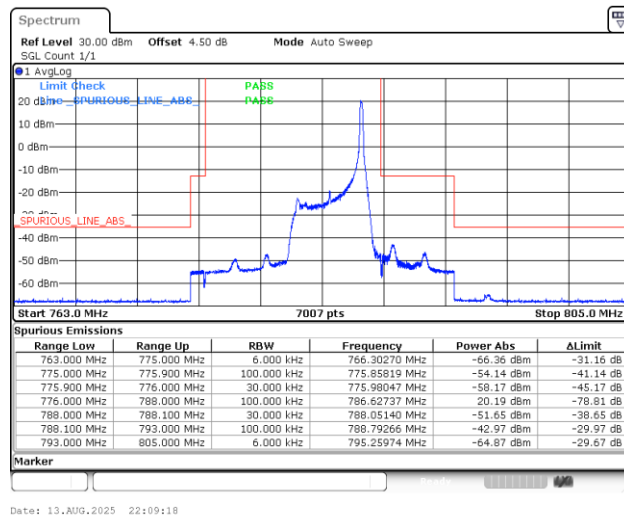
Band13_10MHz_16QAM_23230_1RB#0



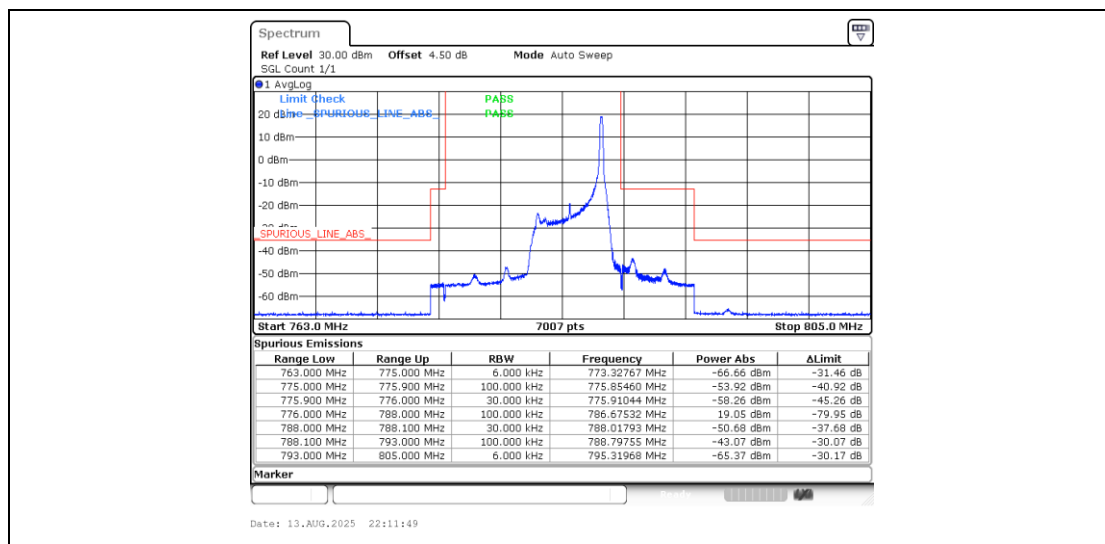
Band13_10MHz_QPSK_23230_1RB#49



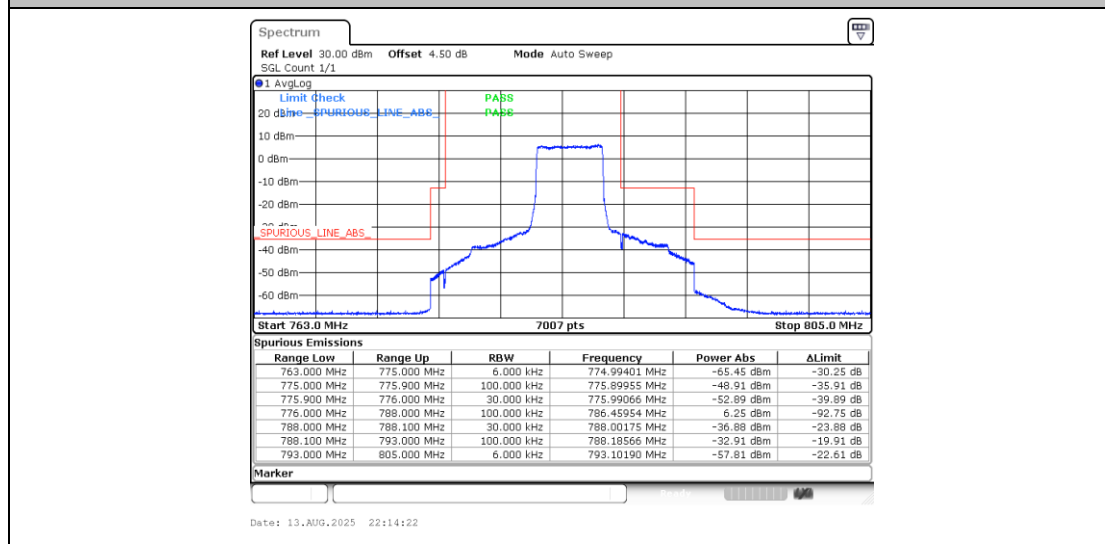
Band13_10MHz_16QAM_23230_1RB#49



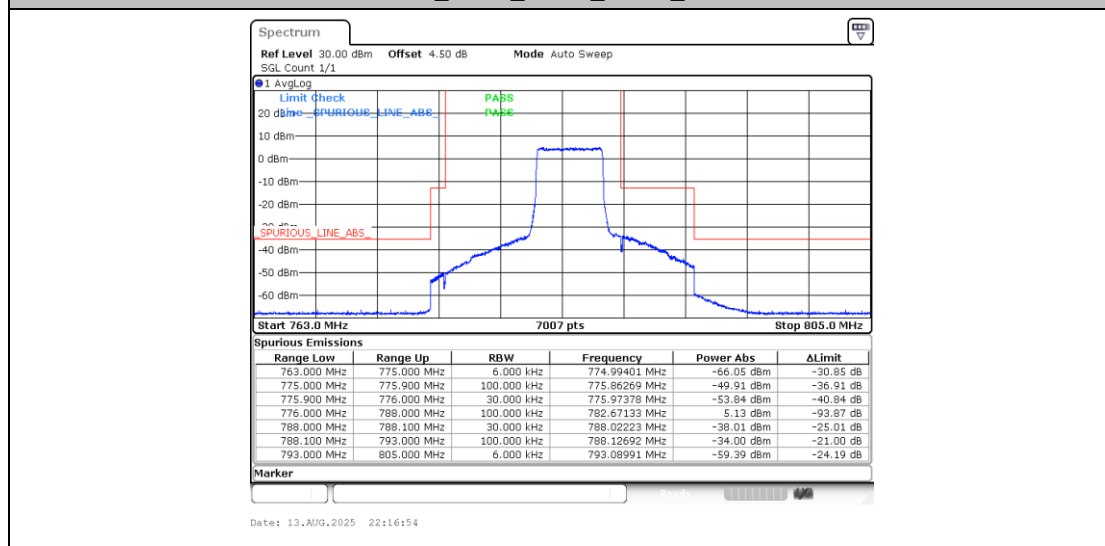
Band13_5MHz_QPSK_23255_1RB#24



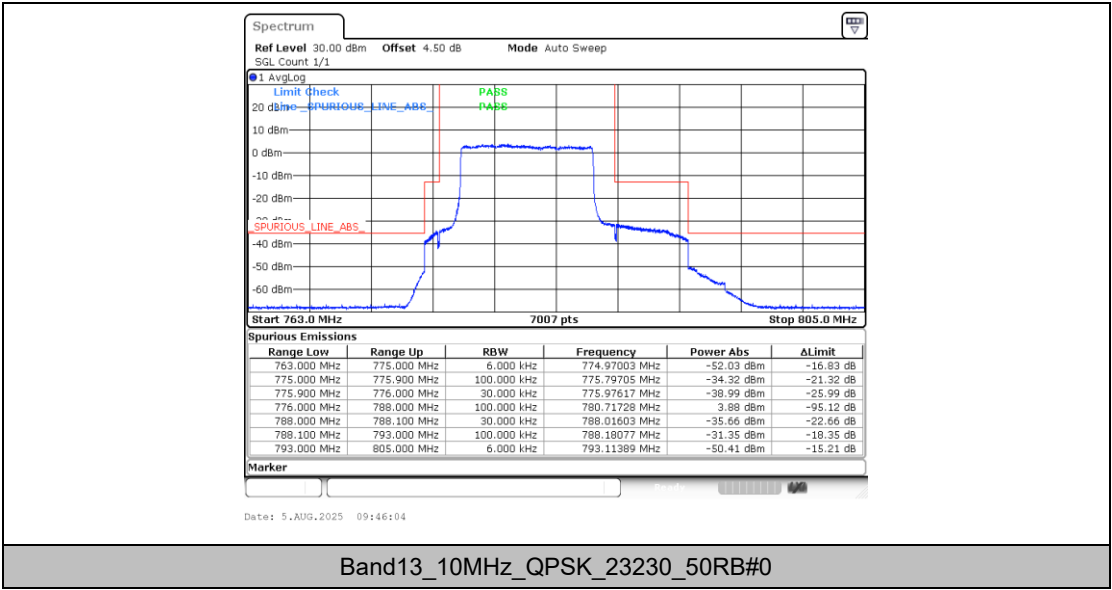
Band13_5MHz_16QAM_23255_1RB#24



Band13_5MHz_QPSK_23255_25RB#0



Band13_5MHz_16QAM_23255_25RB#0



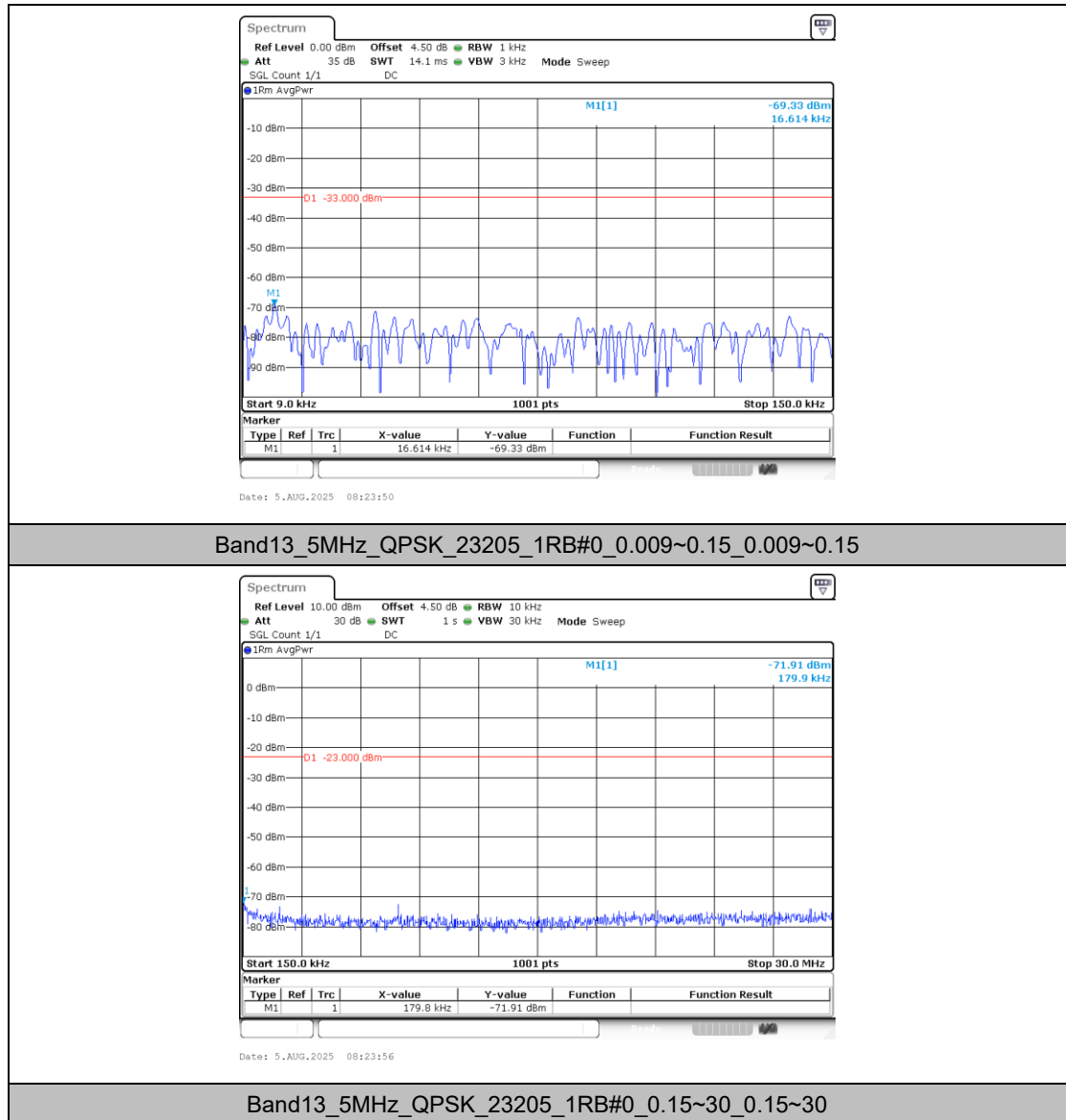
Appendix E: Conducted Spurious Emission

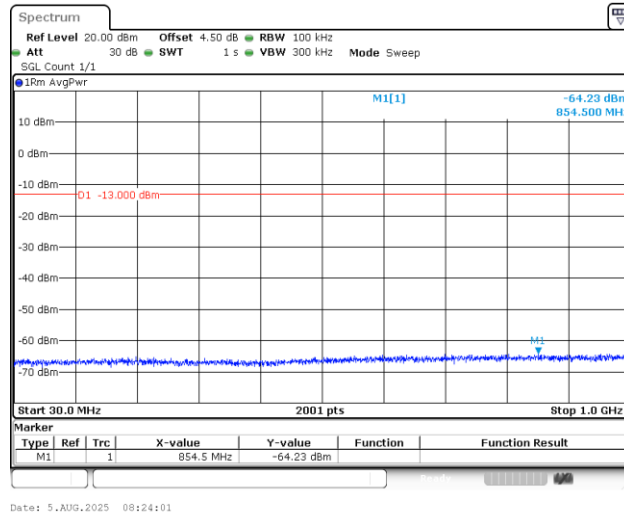
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	0.009~0.15	-69.33	PASS
Band13	5MHz	QPSK	23205	1RB#0	0.15~30	-71.91	PASS
Band13	5MHz	QPSK	23205	1RB#0	30~1000	-64.23	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~3000	-53.22	PASS
Band13	5MHz	QPSK	23205	1RB#0	3000~10000	-48.35	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.009~0.15	-70.19	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.15~30	-72.12	PASS
Band13	5MHz	16QAM	23205	1RB#0	30~1000	-64.19	PASS
Band13	5MHz	16QAM	23205	1RB#0	1000~3000	-53.08	PASS
Band13	5MHz	16QAM	23205	1RB#0	3000~10000	-48.42	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.009~0.15	-66.98	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.15~30	-72.10	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	-64.00	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~3000	-52.86	PASS
Band13	5MHz	QPSK	23230	1RB#0	3000~10000	-48.45	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.009~0.15	-62.36	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.15~30	-62.87	PASS
Band13	5MHz	16QAM	23230	1RB#0	30~1000	-63.27	PASS
Band13	5MHz	16QAM	23230	1RB#0	1000~3000	-40.64	PASS
Band13	5MHz	16QAM	23230	1RB#0	3000~10000	-48.16	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.009~0.15	-68.11	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.15~30	-71.86	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	-64.11	PASS
Band13	5MHz	QPSK	23255	1RB#0	1000~3000	-53.07	PASS
Band13	5MHz	QPSK	23255	1RB#0	3000~10000	-48.38	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.009~0.15	-69.44	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.15~30	-71.30	PASS
Band13	5MHz	16QAM	23255	1RB#0	30~1000	-64.24	PASS
Band13	5MHz	16QAM	23255	1RB#0	1000~3000	-52.99	PASS
Band13	5MHz	16QAM	23255	1RB#0	3000~10000	-48.40	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.009~0.15	-62.03	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.15~30	-59.23	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	-64.31	PASS
Band13	10MHz	QPSK	23230	1RB#0	1000~3000	-37.98	PASS
Band13	10MHz	QPSK	23230	1RB#0	3000~10000	-48.36	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.009~0.15	-64.03	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.15~30	-66.54	PASS

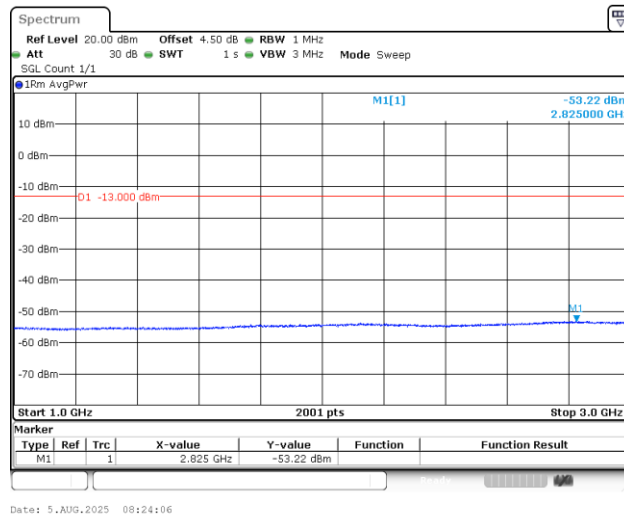
Band13	10MHz	16QAM	23230	1RB#0	30~1000	-64.03	PASS
Band13	10MHz	16QAM	23230	1RB#0	1000~3000	-38.94	PASS
Band13	10MHz	16QAM	23230	1RB#0	3000~10000	-48.52	PASS

Test Graphs

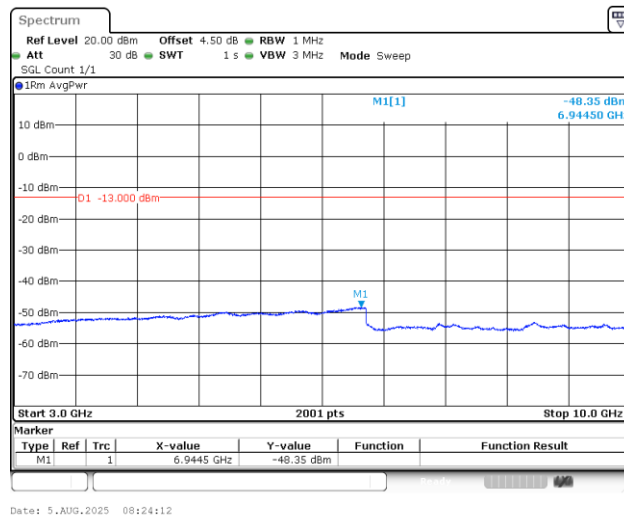




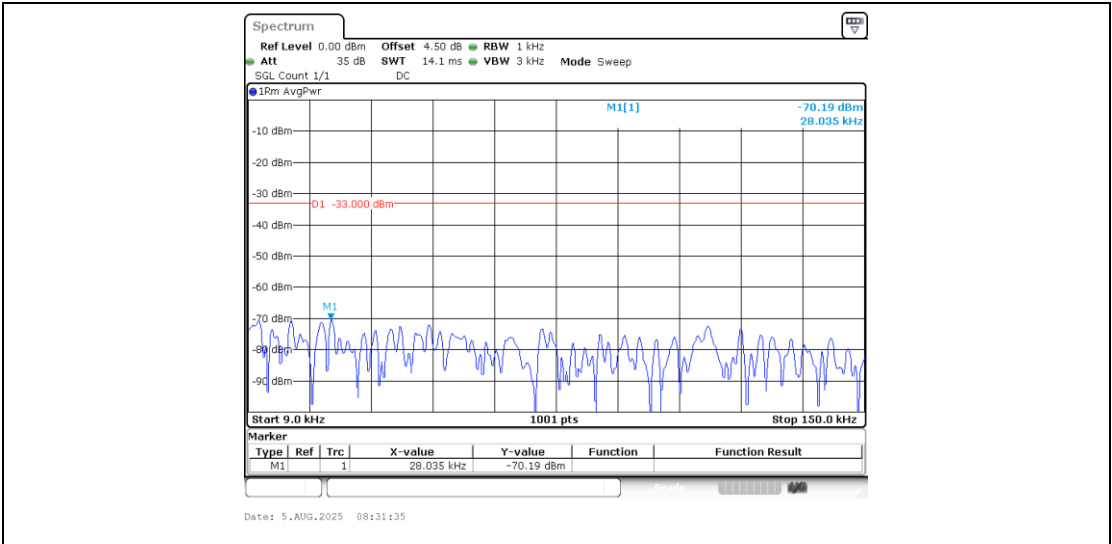
Band13_5MHz_QPSK_23205_1RB#0_30~1000_30~1000



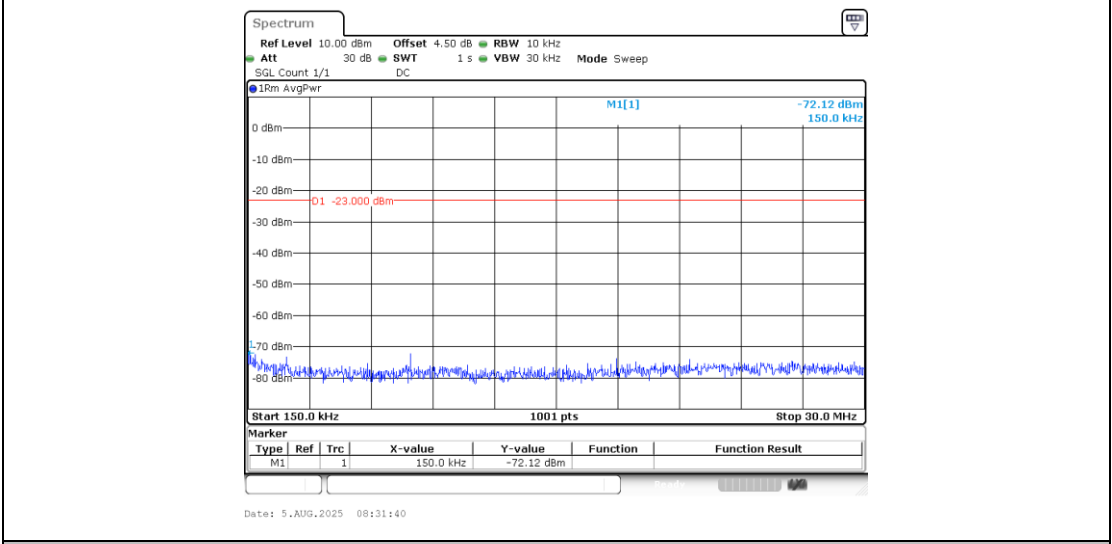
Band13_5MHz_QPSK_23205_1RB#0_1000~3000_1000~3000



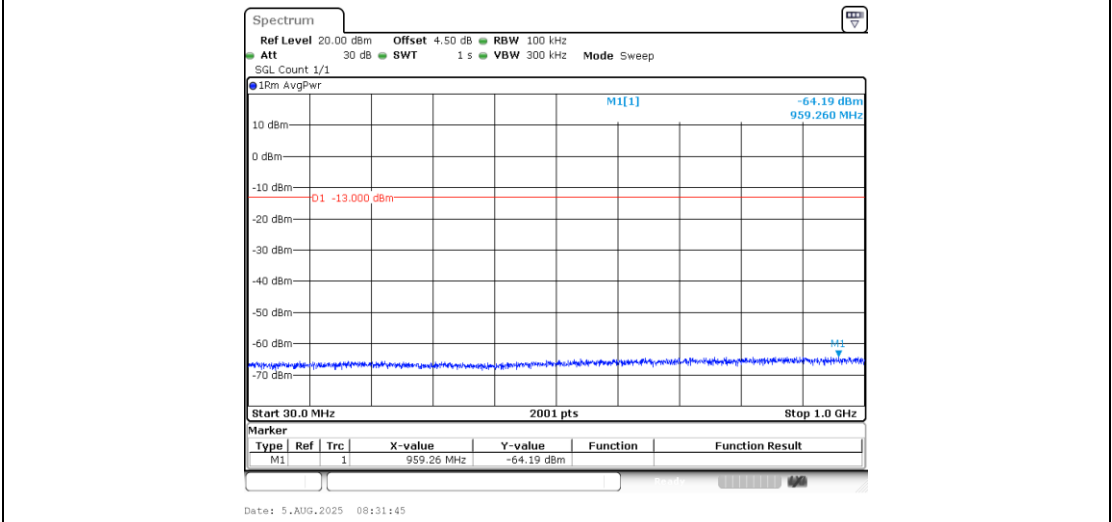
Band13_5MHz_QPSK_23205_1RB#0_3000~10000_3000~10000



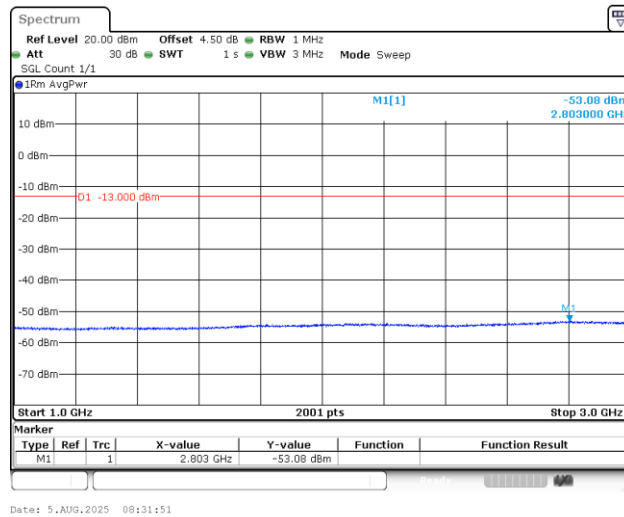
Band13_5MHz_16QAM_23205_1RB#0_0.009~0.15_0.009~0.15



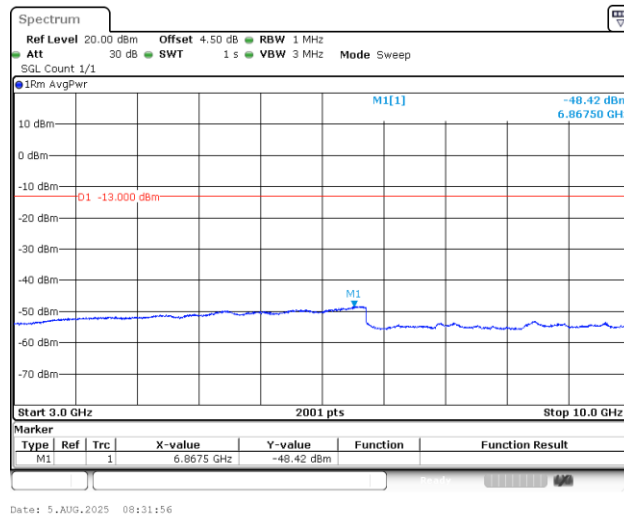
Band13_5MHz_16QAM_23205_1RB#0_0.15~30_0.15~30



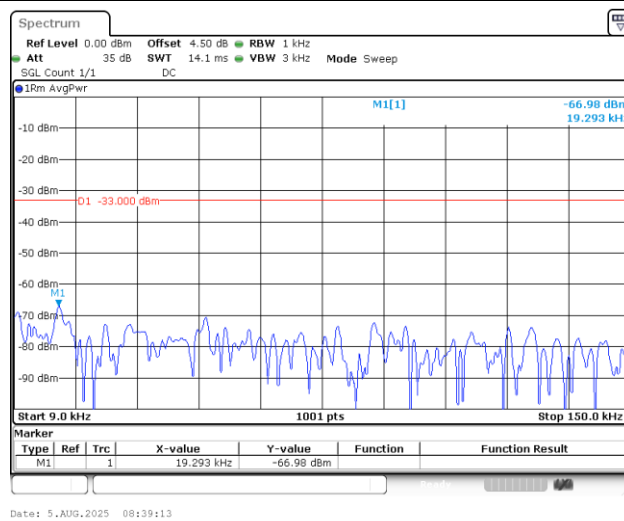
Band13_5MHz_16QAM_23205_1RB#0_30~1000_30~1000



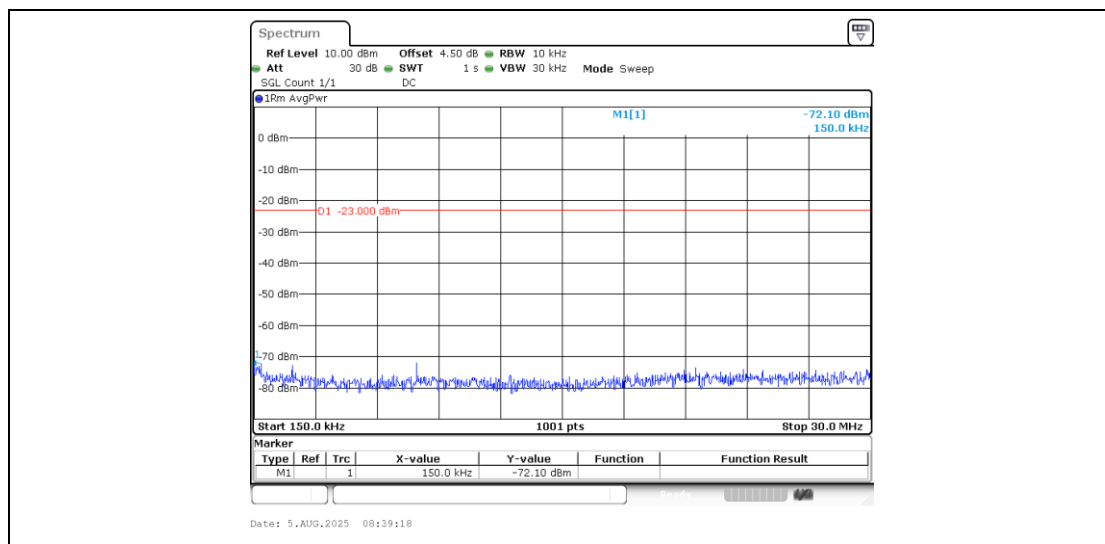
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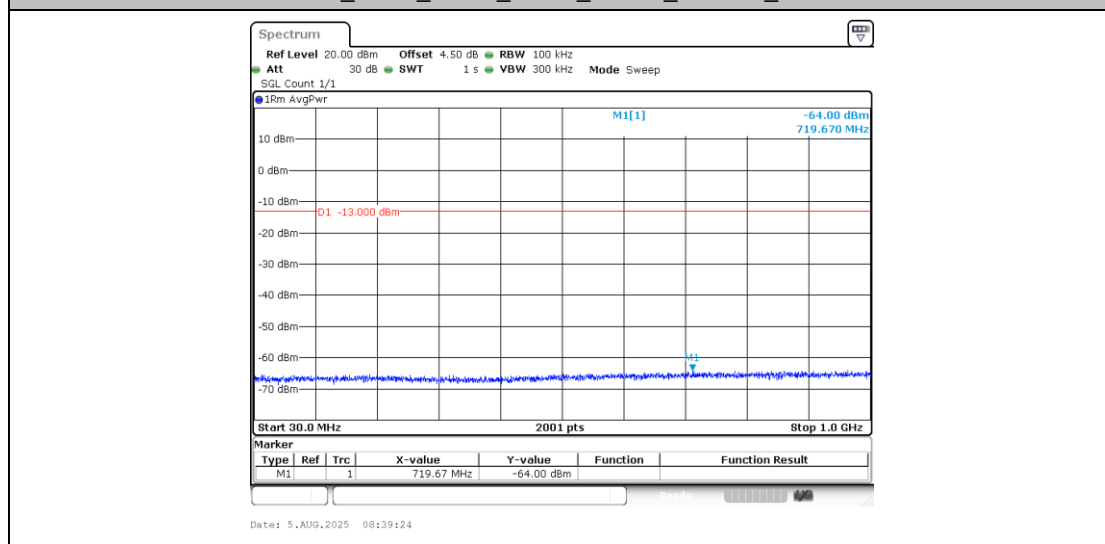
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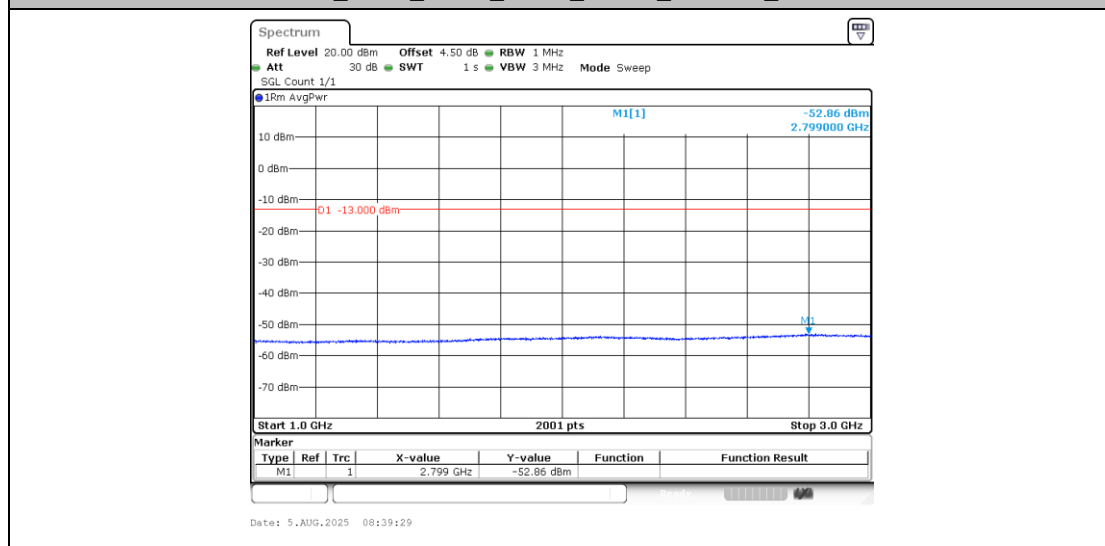
Band13_5MHz_QPSK_23230_1RB#0_0.009~0.15_0.009~0.15



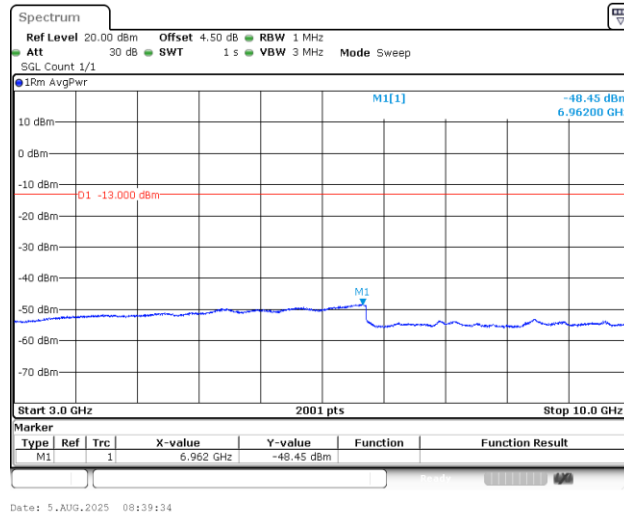
Band13_5MHz_QPSK_23230_1RB#0_0.15~30_0.15~30



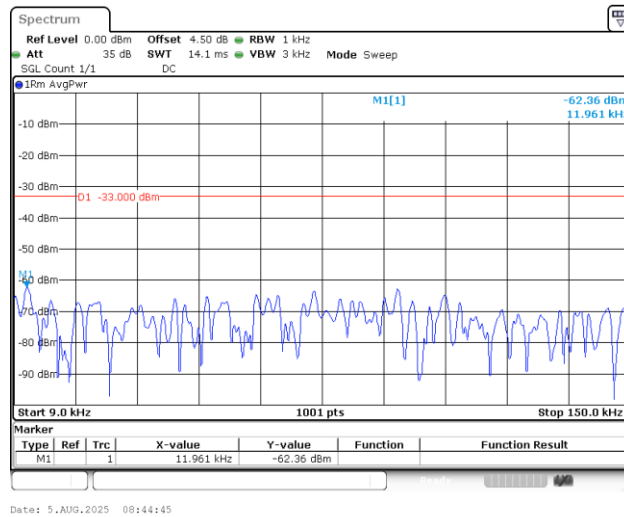
Band13_5MHz_QPSK_23230_1RB#0_30~1000_30~1000



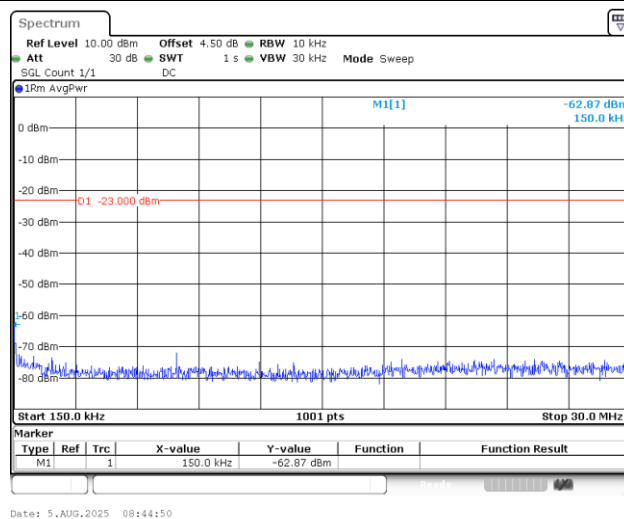
Band13_5MHz_QPSK_23230_1RB#0_1000~3000_1000~3000



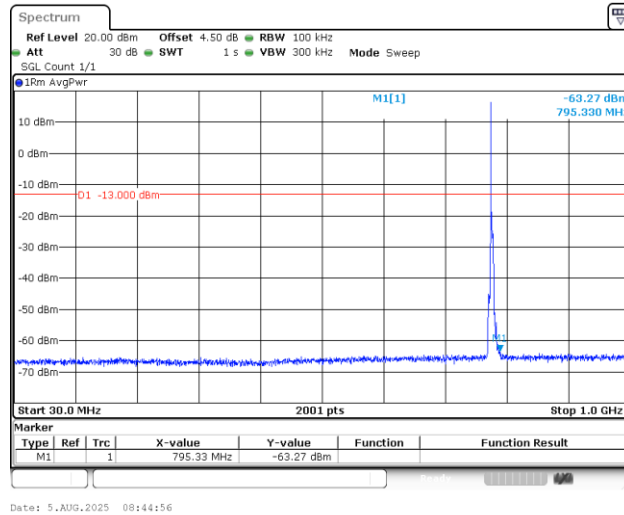
Band13_5MHz_QPSK_23230_1RB#0_3000~10000_3000~10000



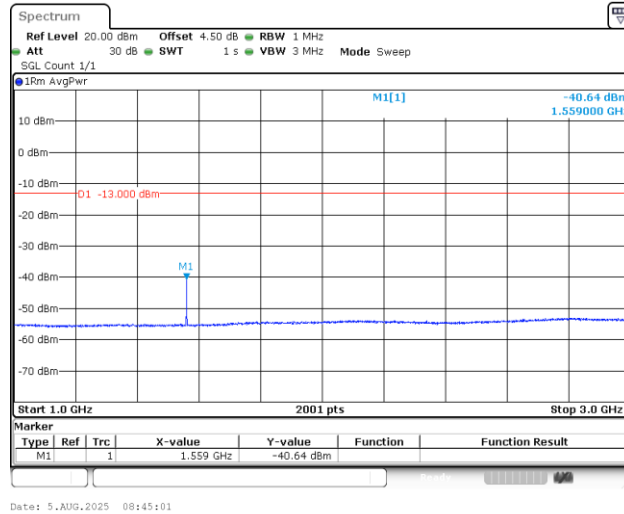
Band13_5MHz_16QAM_23230_1RB#0_0.009~0.15_0.009~0.15



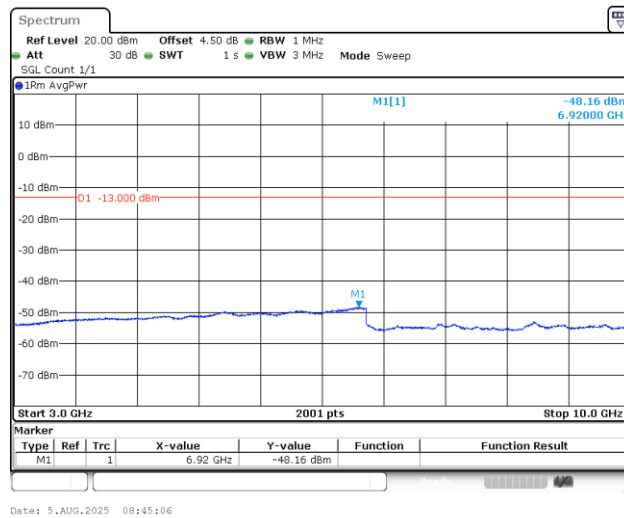
Band13_5MHz_16QAM_23230_1RB#0_0.15~30_0.15~30



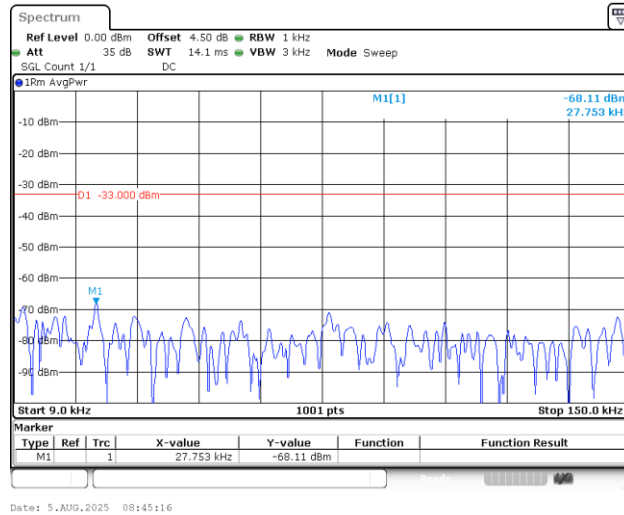
Band13_5MHz_16QAM_23230_1RB#0_30~1000_30~1000



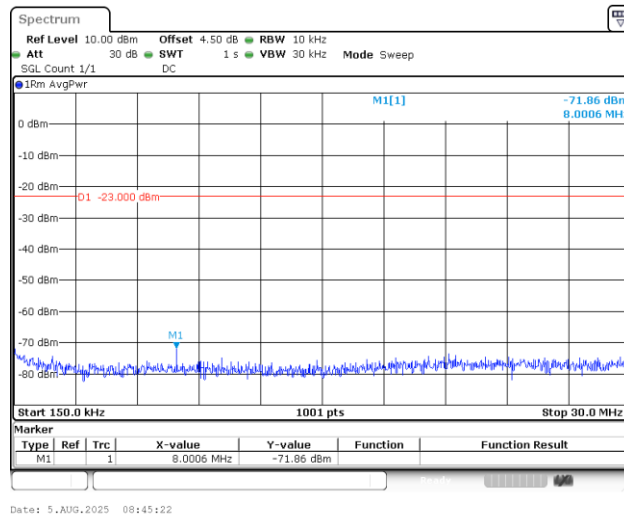
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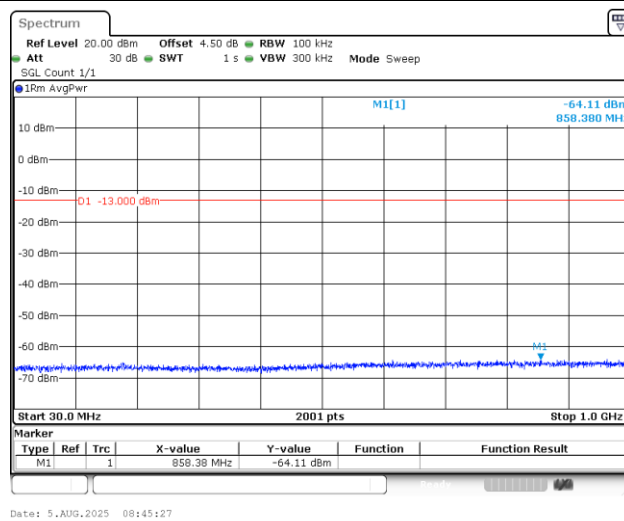
Band13_5MHz_16QAM_23230_1RB#0_3000~10000_3000~10000



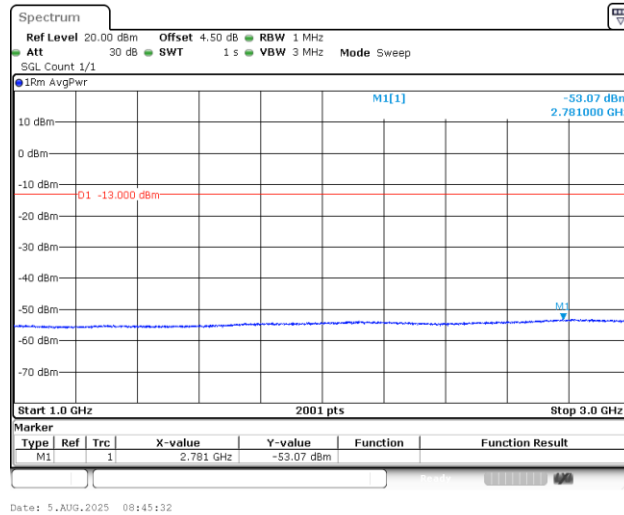
Band13_5MHz_QPSK_23255_1RB#0_0.009~0.15_0.009~0.15



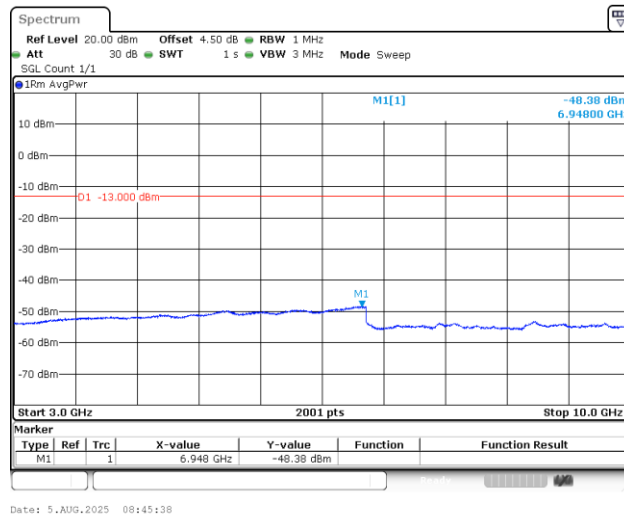
Band13_5MHz_QPSK_23255_1RB#0_0.15~30_0.15~30



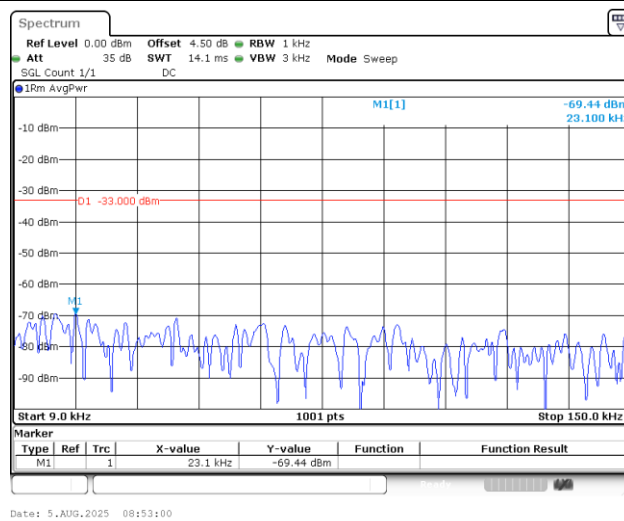
Band13_5MHz_QPSK_23255_1RB#0_30~1000_30~1000



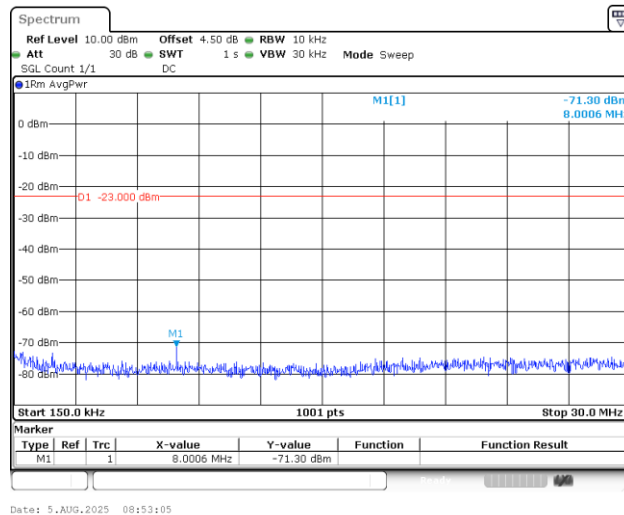
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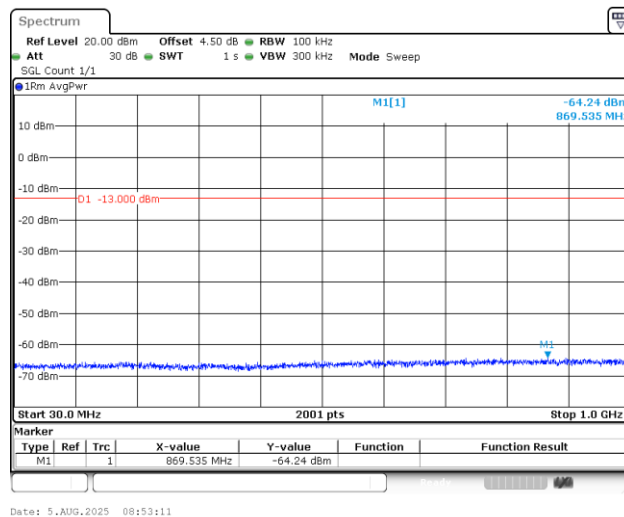
Band13_5MHz_QPSK_23255_1RB#0_3000~10000_3000~10000



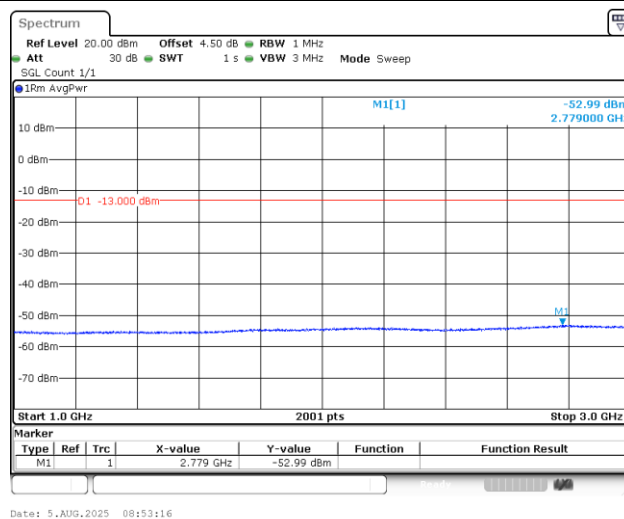
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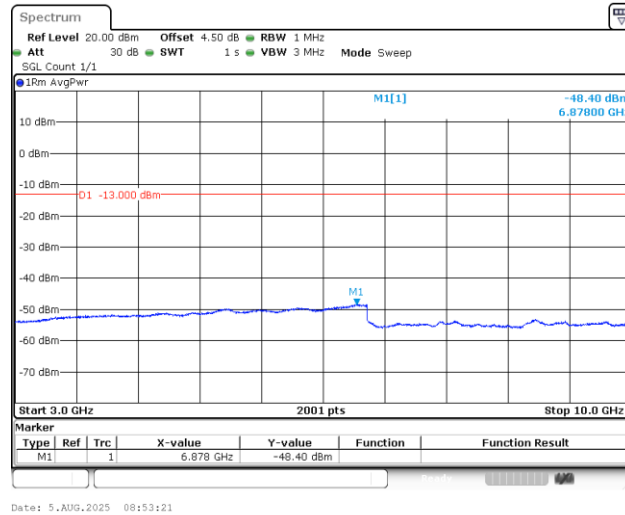
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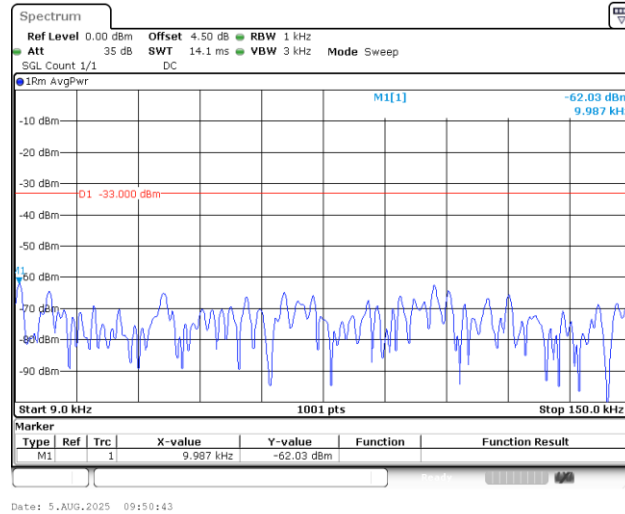
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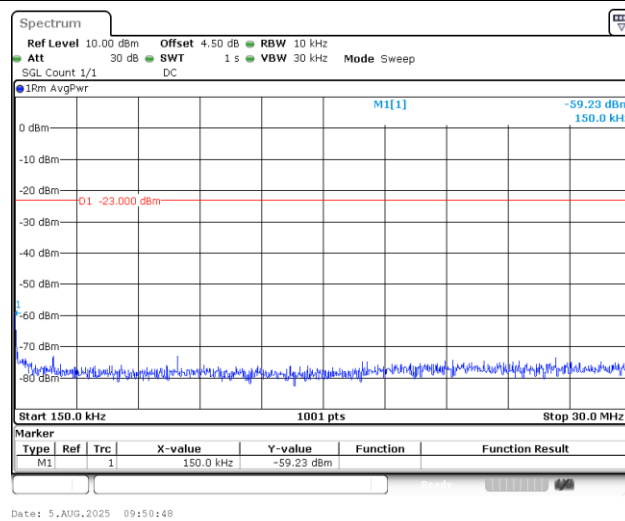
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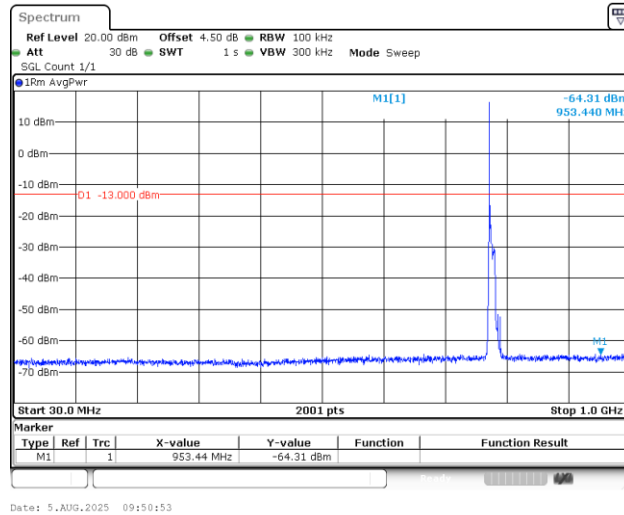
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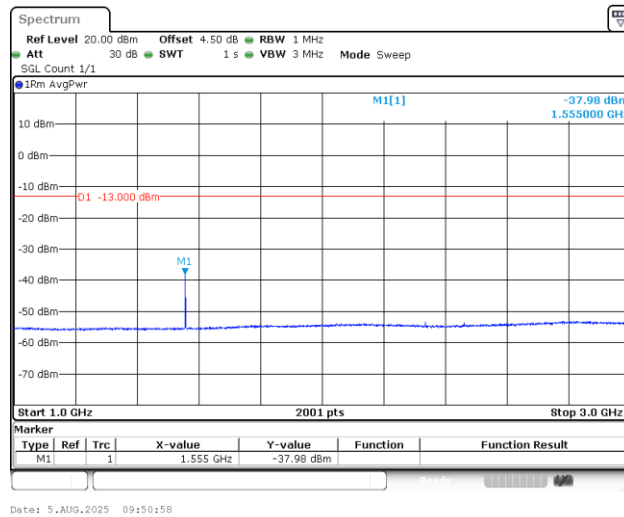
Band13_10MHz_QPSK_23230_1RB#0_0.009~0.15_0.009~0.15



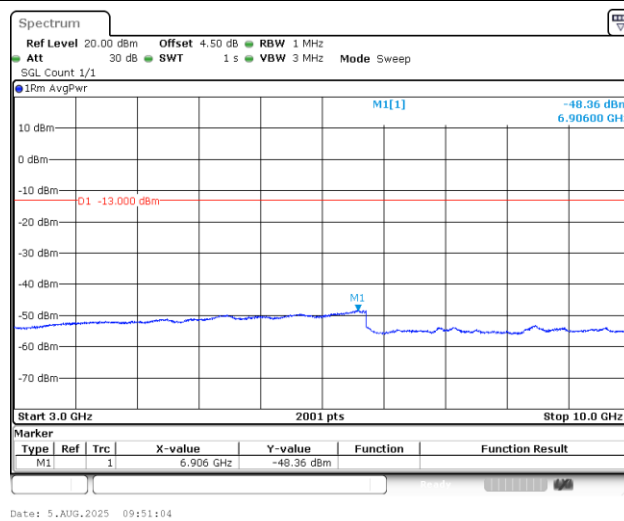
Band13_10MHz_QPSK_23230_1RB#0_0.15~30_0.15~30



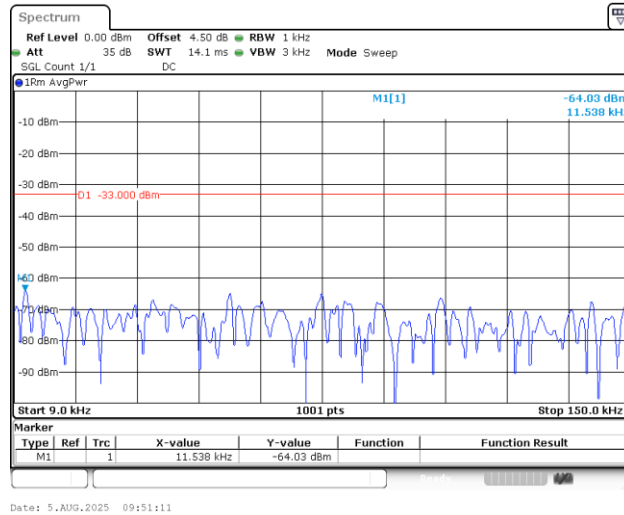
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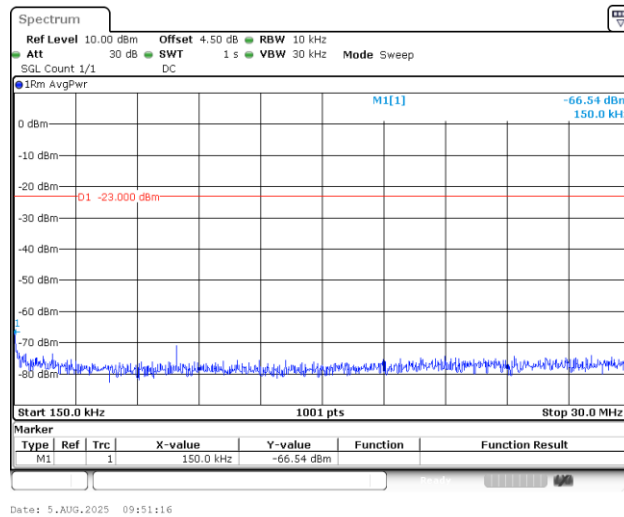
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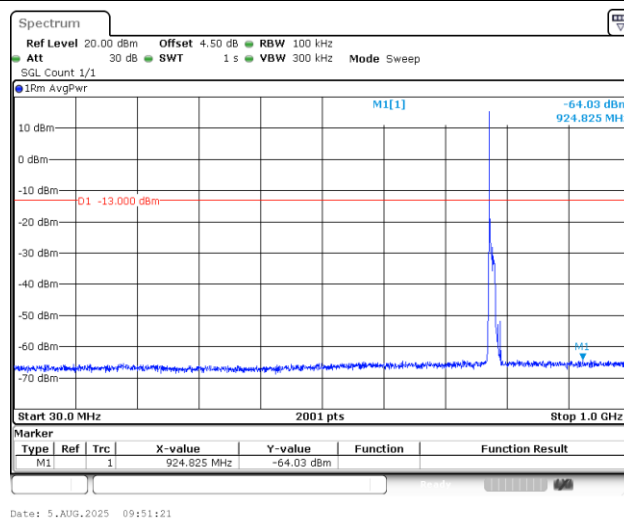
Band13_10MHz_QPSK_23230_1RB#0_3000~10000_3000~10000



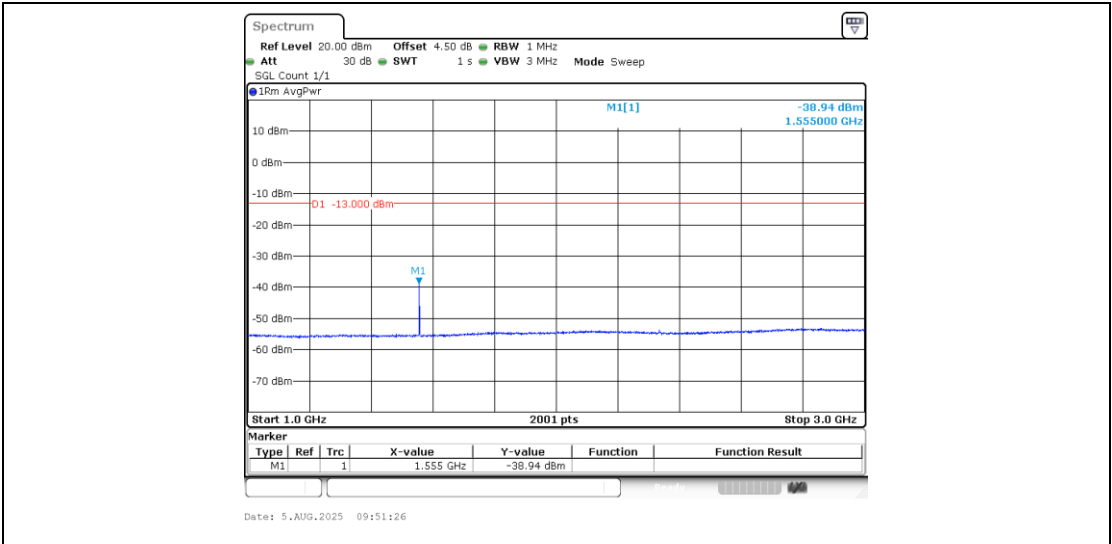
Band13_10MHz_16QAM_23230_1RB#0_0.009~0.15_0.009~0.15



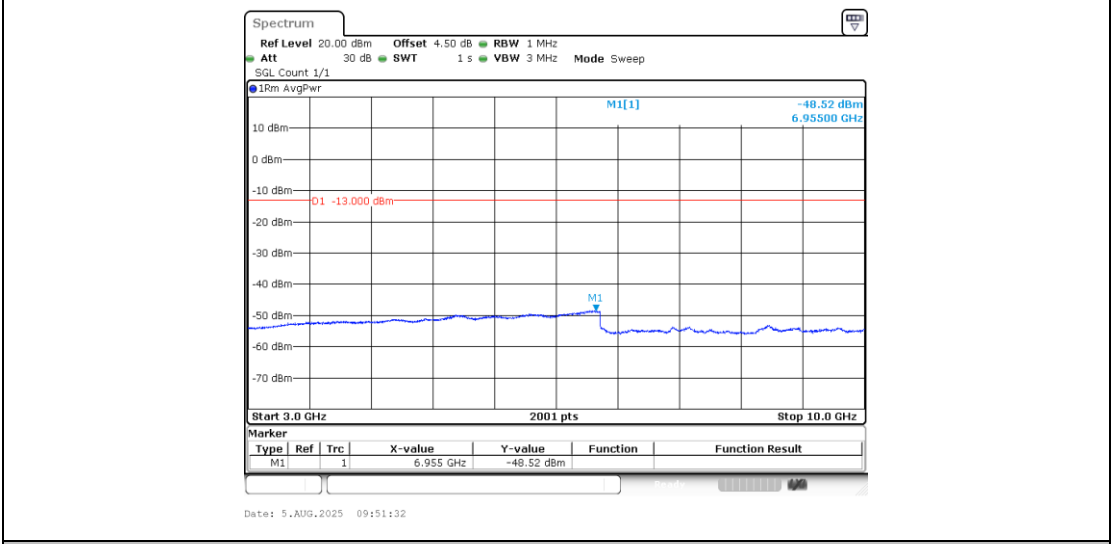
Band13_10MHz_16QAM_23230_1RB#0_0.15~30_0.15~30



Band13_10MHz_16QAM_23230_1RB#0_30~1000_30~1000



Band13_10MHz_16QAM_23230_1RB#0_1000~3000_1000~3000



Band13_10MHz_16QAM_23230_1RB#0_3000~10000_3000~10000

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	19.34	0.024811	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	11.36	0.014573	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	13.99	0.017947	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	10.51	0.013483	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	-9.38	-0.012033	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-18.48	-0.023708	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	-28.80	-0.036829	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	15.71	0.020090	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	11.80	0.015090	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-16.16	-0.020665	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	-19.45	-0.024872	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	-19.00	-0.024297	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	-53.52	-0.068222	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	-9.34	-0.011906	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	9.36	0.011931	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	-6.29	-0.008018	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	-4.16	-0.005303	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	-2.88	-0.003671	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	8.93	0.011419	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	15.69	0.020064	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	4.06	0.005192	±2.5	PASS

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	18.35	0.023541	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	16.21	0.020795	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	17.82	0.022861	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	15.22	0.019525	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	9.94	0.012752	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	9.86	0.012649	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	9.80	0.012572	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	9.57	0.012277	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	8.70	0.011161	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	-11.34	-0.014548	±2.5	PASS

Band13	5MHz	16QAM	23205	25RB#0	NV	-20	7.95	0.010199	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	8.87	0.011379	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	11.37	0.014586	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	7.81	0.010019	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	7.15	0.009173	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	6.64	0.008518	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	-7.95	-0.010199	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	-9.66	-0.012393	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	8.96	0.011458	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	14.93	0.019092	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	17.08	0.021841	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	16.39	0.020959	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	15.42	0.019719	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	15.82	0.020230	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	10.93	0.013977	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-11.64	-0.014885	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	9.50	0.012148	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	-10.30	-0.013171	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	5.21	0.006662	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	10.19	0.013031	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	-10.73	-0.013721	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	8.03	0.010269	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	10.17	0.013005	±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	40	9.58	0.012251	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	7.94	0.010153	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	-4.32	-0.005507	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	-11.19	-0.014264	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	-11.37	-0.014493	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	-8.63	-0.011001	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	9.17	0.011689	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	16.57	0.021122	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	14.89	0.018980	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	9.30	0.011855	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	15.89	0.020255	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	-12.55	-0.015997	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	-10.09	-0.012862	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	-18.10	-0.023072	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	-8.50	-0.010835	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	-21.40	-0.027279	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	-18.63	-0.023748	±2.5	PASS

Band13	5MHz	16QAM	23255	25RB#0	NV	30	-11.22	-0.014302	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	-6.82	-0.008693	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	-10.59	-0.013499	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	8.88	0.011355	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-10.57	-0.013517	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-4.01	-0.005128	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	7.47	0.009552	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	8.57	0.010959	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	7.44	0.009514	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	9.11	0.011650	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	8.31	0.010627	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	8.04	0.010281	±2.5	PASS