



Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted power (dBm)	ERP(dBm) or EIRP(dBm)	Limit	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.78	18.99	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#12	24.04	19.25	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#24	24.16	19.37	34.8	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.96	18.17	34.8	PASS
Band13	5MHz	QPSK	23205	12RB#6	23.16	18.37	34.8	PASS
Band13	5MHz	QPSK	23205	12RB#13	23.21	18.42	34.8	PASS
Band13	5MHz	QPSK	23205	25RB#0	23.09	18.3	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#0	24.29	19.5	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.99	19.2	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.94	19.15	34.8	PASS
Band13	5MHz	QPSK	23230	12RB#0	23.17	18.38	34.8	PASS
Band13	5MHz	QPSK	23230	12RB#6	23.08	18.29	34.8	PASS
Band13	5MHz	QPSK	23230	12RB#13	23.08	18.29	34.8	PASS
Band13	5MHz	QPSK	23230	25RB#0	23.13	18.34	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#0	24.38	19.59	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#12	24.16	19.37	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#24	24.34	19.55	34.8	PASS
Band13	5MHz	QPSK	23255	12RB#0	23.28	18.49	34.8	PASS
Band13	5MHz	QPSK	23255	12RB#6	23.18	18.39	34.8	PASS
Band13	5MHz	QPSK	23255	12RB#13	23.17	18.38	34.8	PASS
Band13	5MHz	QPSK	23255	25RB#0	23.23	18.44	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.47	17.68	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.84	18.05	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.92	18.13	34.8	PASS
Band13	5MHz	16QAM	23205	12RB#0	22.20	17.41	34.8	PASS
Band13	5MHz	16QAM	23205	12RB#6	22.21	17.42	34.8	PASS
Band13	5MHz	16QAM	23205	12RB#13	22.40	17.61	34.8	PASS
Band13	5MHz	16QAM	23205	25RB#0	22.16	17.37	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#0	23.01	18.22	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.78	17.99	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.64	17.85	34.8	PASS
Band13	5MHz	16QAM	23230	12RB#0	22.28	17.49	34.8	PASS
Band13	5MHz	16QAM	23230	12RB#6	22.06	17.27	34.8	PASS
Band13	5MHz	16QAM	23230	12RB#13	22.16	17.37	34.8	PASS



Band13	5MHz	16QAM	23230	25RB#0	22.11	17.32	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#0	23.10	18.31	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.87	18.08	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#24	23.01	18.22	34.8	PASS
Band13	5MHz	16QAM	23255	12RB#0	22.37	17.58	34.8	PASS
Band13	5MHz	16QAM	23255	12RB#6	22.13	17.34	34.8	PASS
Band13	5MHz	16QAM	23255	12RB#13	22.24	17.45	34.8	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.25	17.46	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#0	24.03	19.24	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#24	24.07	19.28	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.93	19.14	34.8	PASS
Band13	10MHz	QPSK	23230	25RB#0	23.11	18.32	34.8	PASS
Band13	10MHz	QPSK	23230	25RB#12	23.10	18.31	34.8	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.93	18.14	34.8	PASS
Band13	10MHz	QPSK	23230	50RB#0	23.00	18.21	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.90	18.11	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.95	18.16	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.94	18.15	34.8	PASS
Band13	10MHz	16QAM	23230	25RB#0	22.24	17.45	34.8	PASS
Band13	10MHz	16QAM	23230	25RB#12	22.20	17.41	34.8	PASS
Band13	10MHz	16QAM	23230	25RB#25	22.00	17.21	34.8	PASS

$EIRP = PT + GT - LC$, $ERP = EIRP - 2.15$, where

PT = Conducted output power(dBm);

GT = gain of the transmitting antenna(dBi);



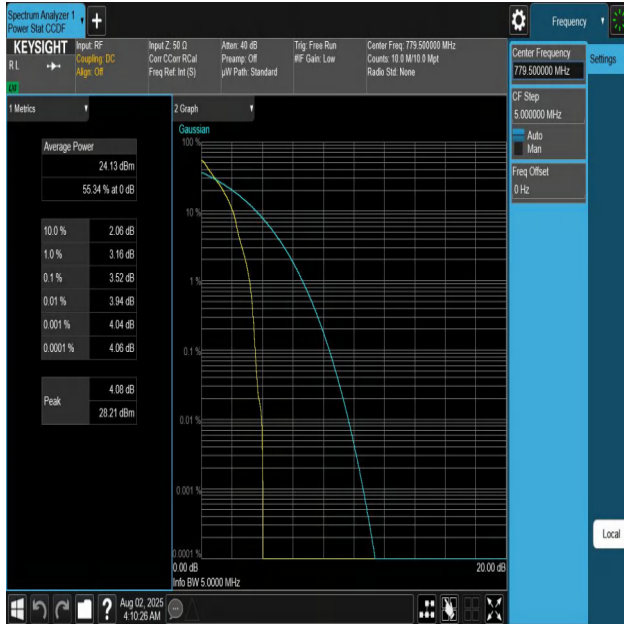
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

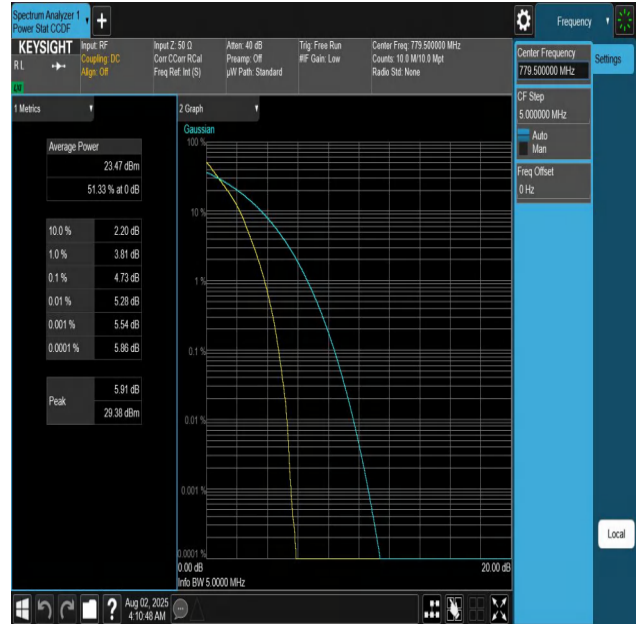
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	3.52	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	4.73	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	3.31	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.80	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	3.30	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.75	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	3.72	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	4.82	13	PASS



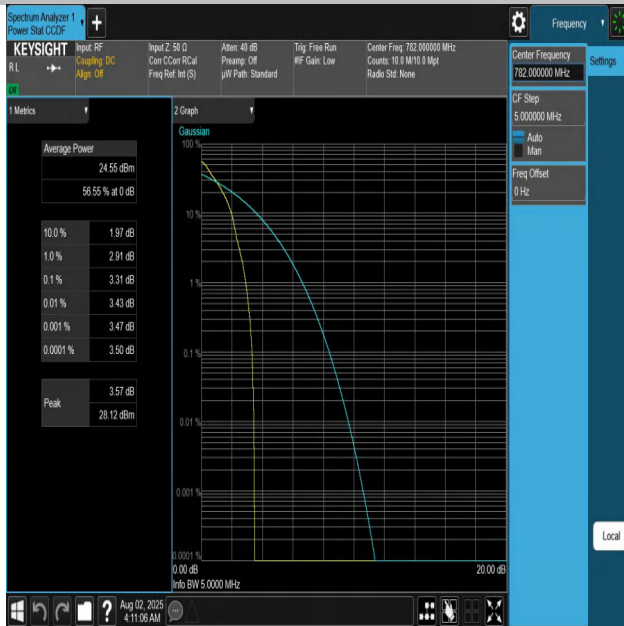
Test Graphs



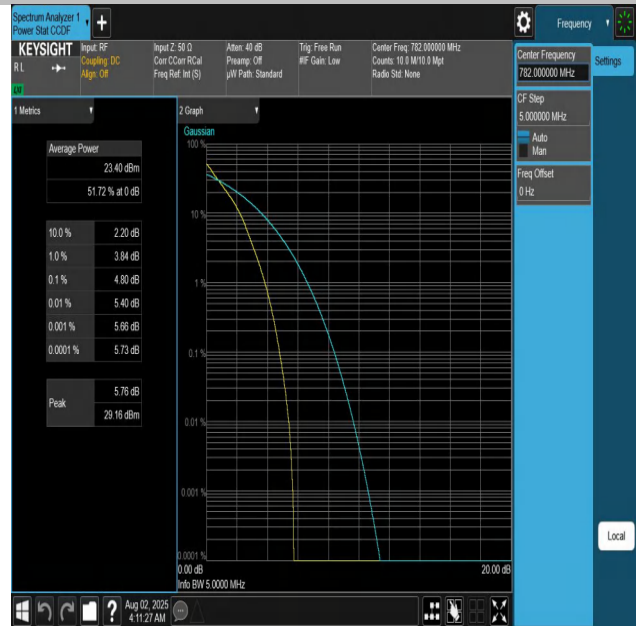
Band13-5MHz-QPSK-23205-1RB#0-PASS



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



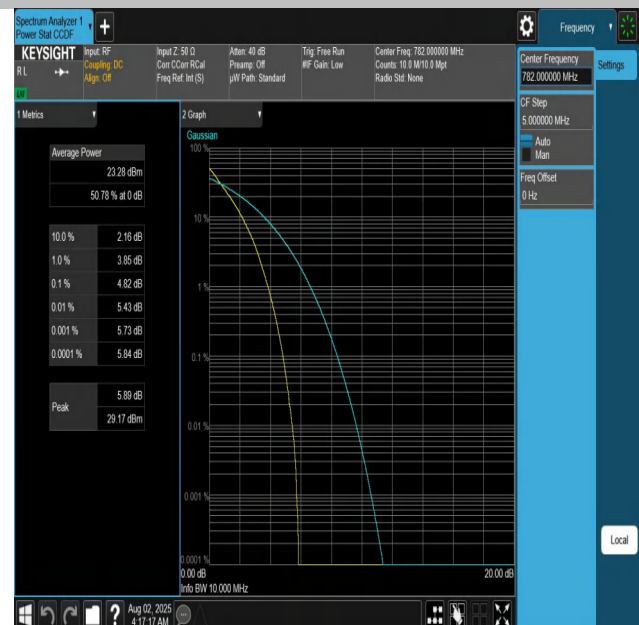
Band13-5MHz-QPSK-23230-1RB#0-PASS



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



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



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



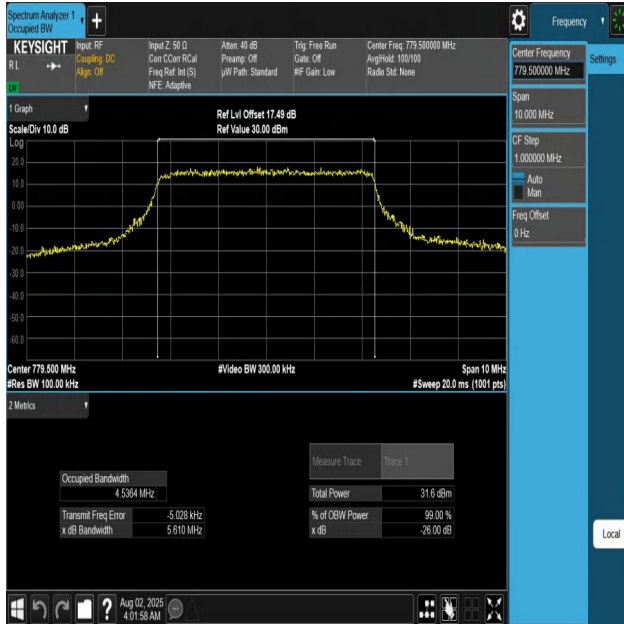
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

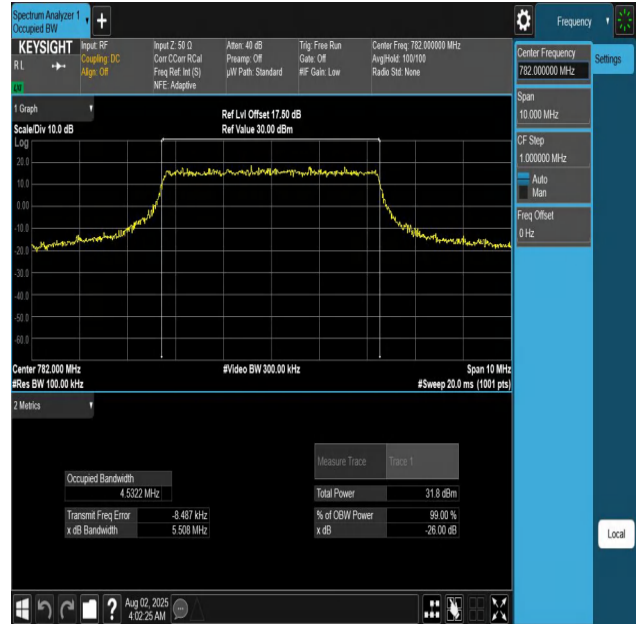
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5364	5.610	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5322	5.508	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5358	5.801	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5230	5.650	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5303	5.418	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5333	5.506	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9988	10.53	PASS



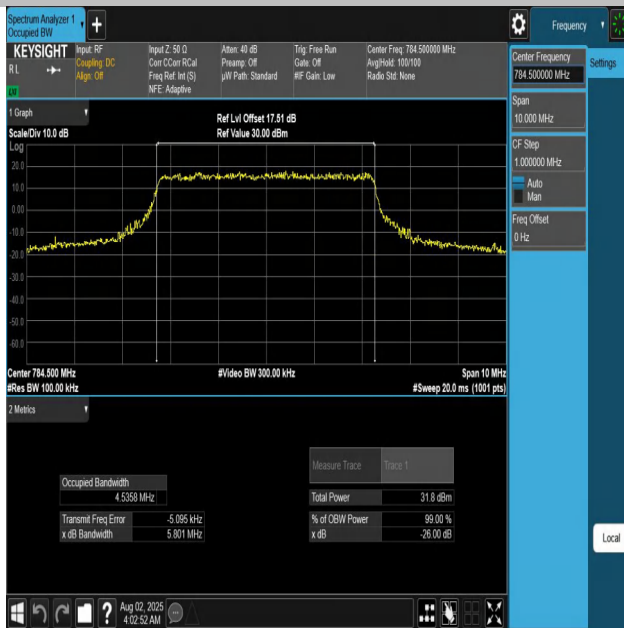
Test Graphs



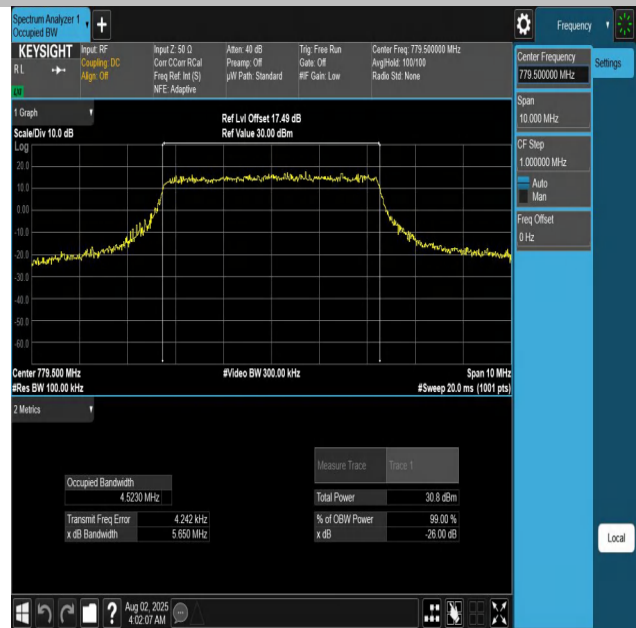
Band13-5MHz-QPSK-23205-25RB#0-PASS



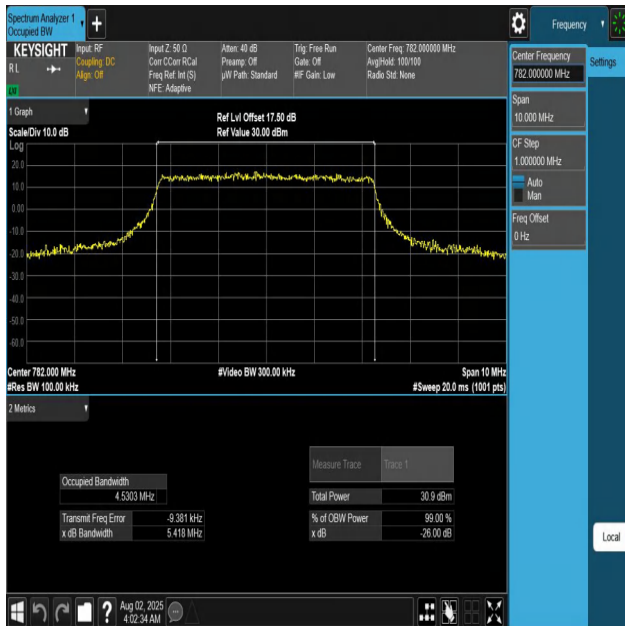
Band13-5MHz-QPSK-23230-25RB#0-PASS



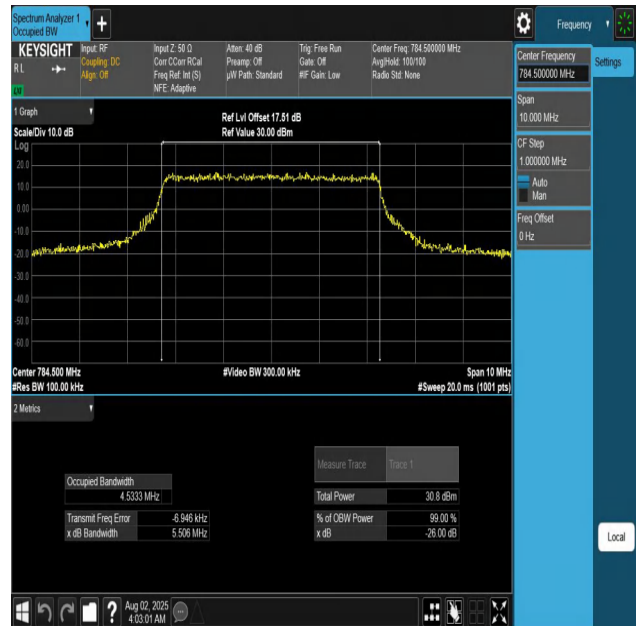
Band13-5MHz-QPSK-23255-25RB#0-PASS



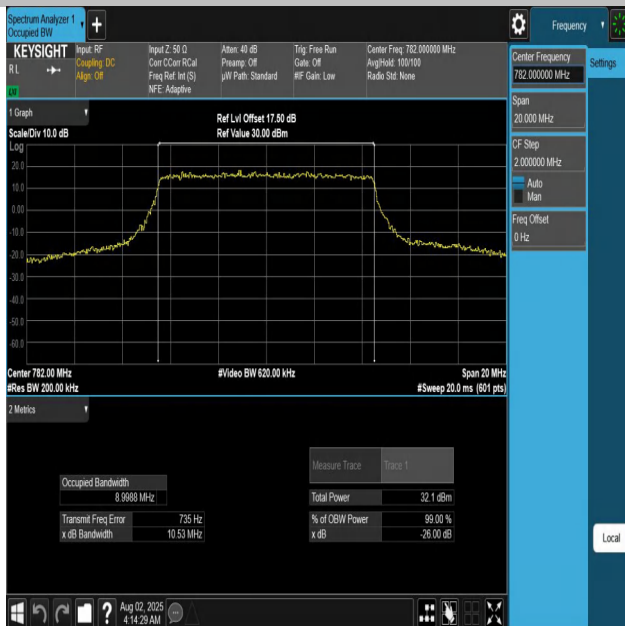
Band13-5MHz-16QAM-23205-25RB#0-PASS



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



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



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



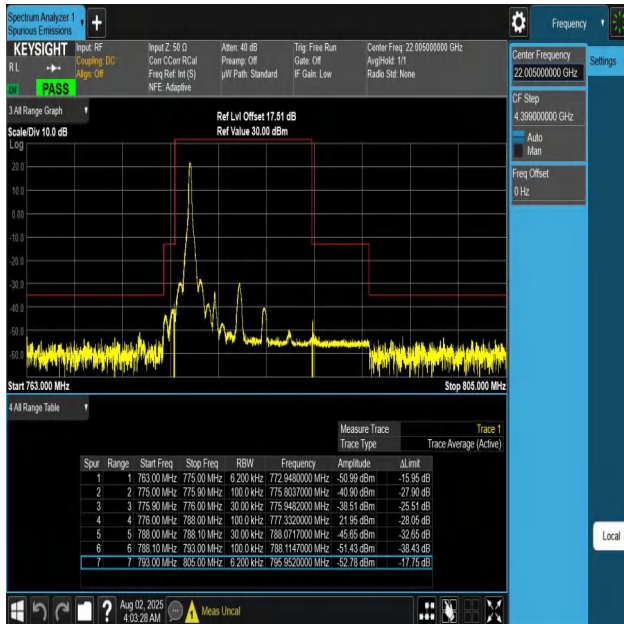
Appendix D: Band Edge

Test Result

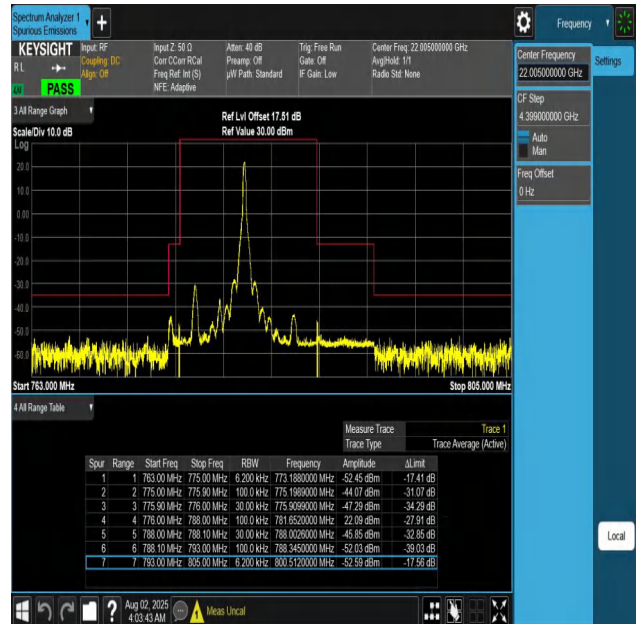
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-50.99	PASS
Band13	5MHz	QPSK	23205	1RB#24	-52.45	PASS
Band13	5MHz	QPSK	23205	25RB#0	-39.12	PASS
Band13	5MHz	QPSK	23255	1RB#0	-51.00	PASS
Band13	5MHz	QPSK	23255	1RB#24	-53.09	PASS
Band13	5MHz	QPSK	23255	25RB#0	-23.69	PASS
Band13	10MHz	QPSK	23230	1RB#0	-52.29	PASS
Band13	10MHz	QPSK	23230	1RB#49	-52.33	PASS
Band13	10MHz	QPSK	23230	50RB#0	-39.45	PASS



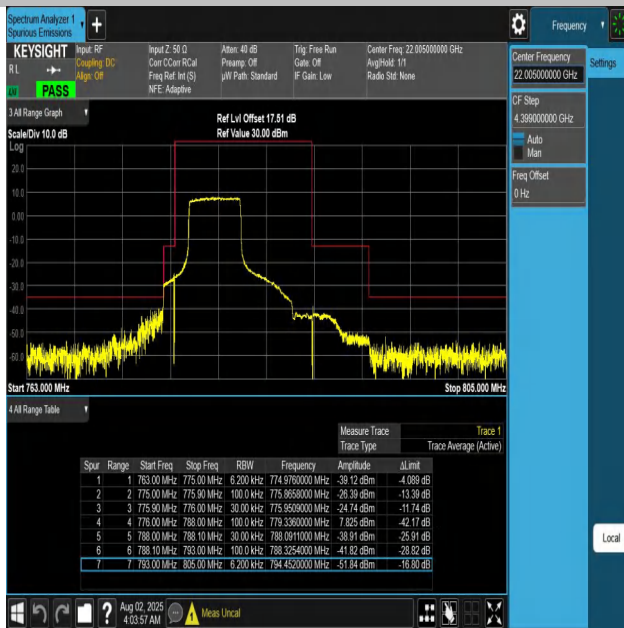
Test Graphs



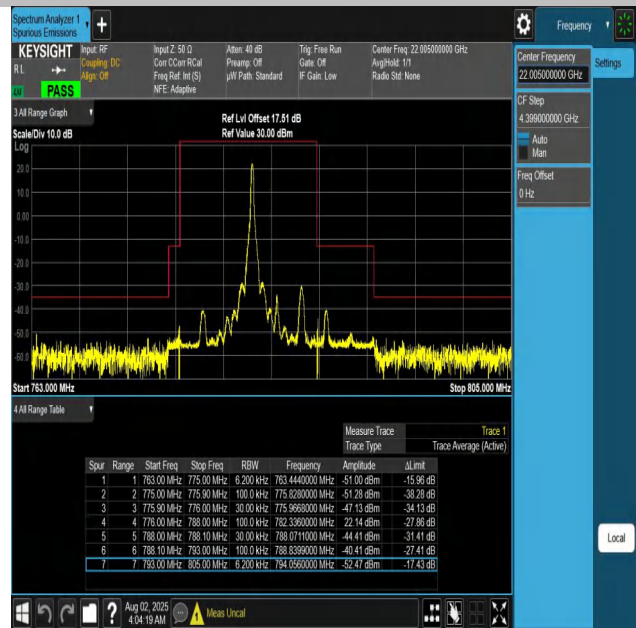
Band13-5MHz-QPSK-23205-1RB#0-PASS



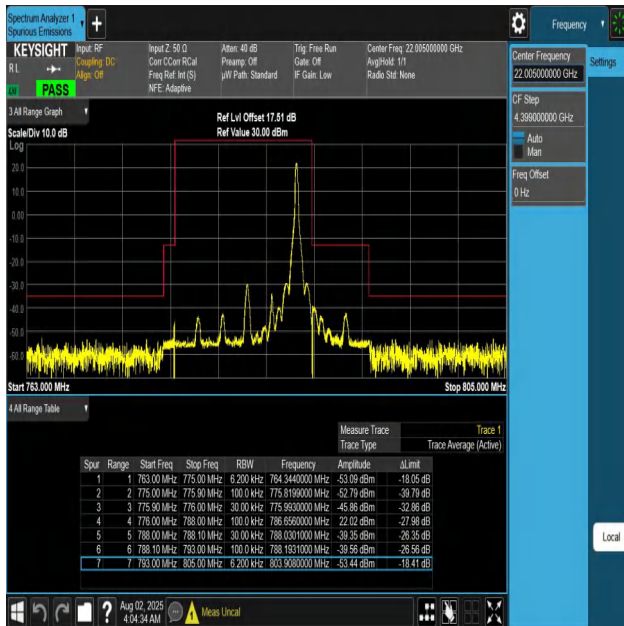
Band13-5MHz-QPSK-23205-1RB#24-PASS



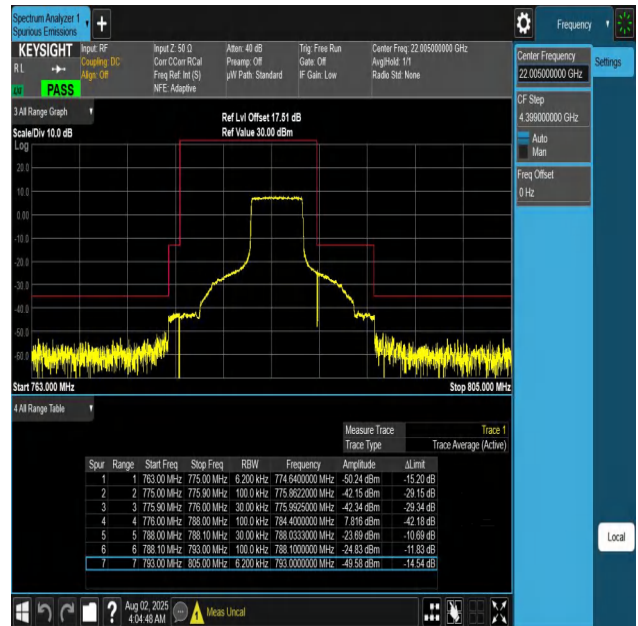
Band13-5MHz-QPSK-23205-25RB#0-PASS



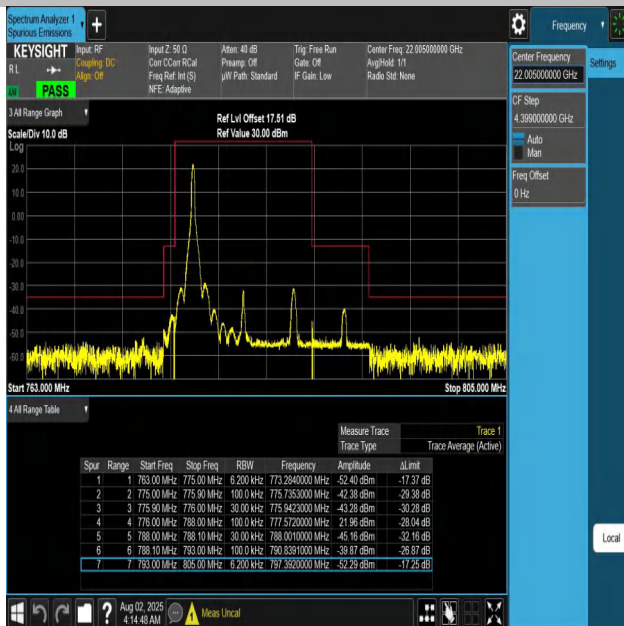
Band13-5MHz-QPSK-23255-1RB#0-PASS



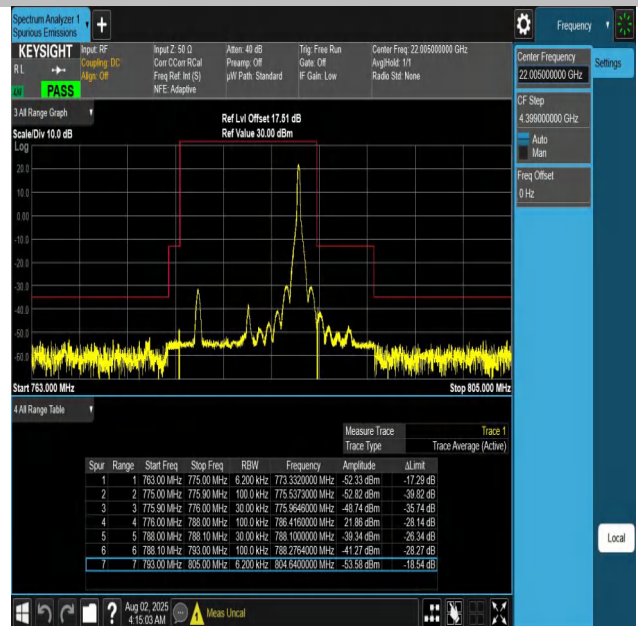
Band13-5MHz-QPSK-23255-1RB#24-PASS



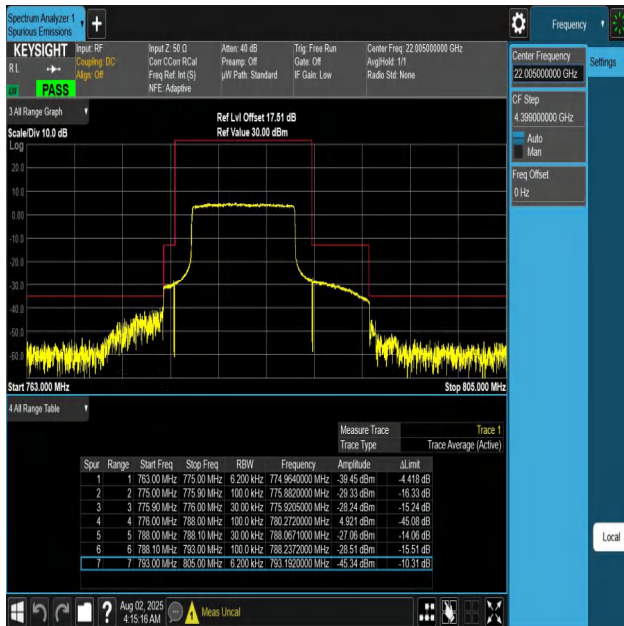
Band13-5MHz-QPSK-23255-25RB#0-PASS



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



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



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



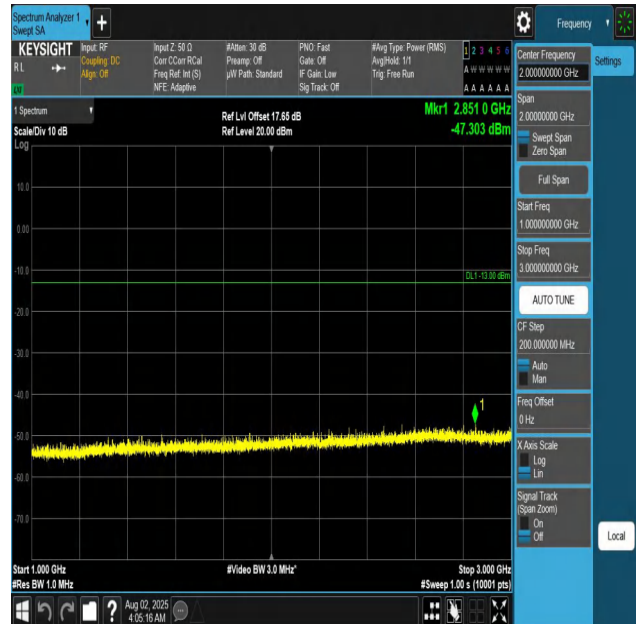
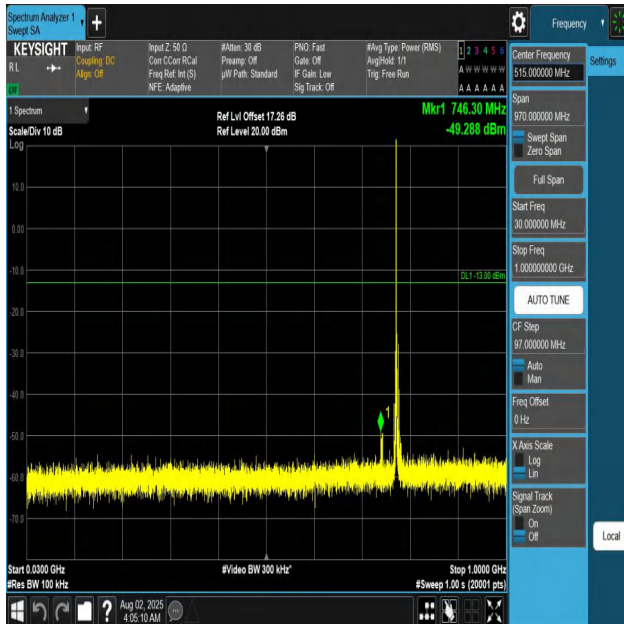
Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	30~1000	-49.29	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~3000	-47.30	PASS
Band13	5MHz	QPSK	23205	1RB#0	3000~10000	-39.67	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	-47.11	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~3000	-47.04	PASS
Band13	5MHz	QPSK	23230	1RB#0	3000~10000	-38.42	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	-47.95	PASS
Band13	5MHz	QPSK	23255	1RB#0	1000~3000	-46.45	PASS
Band13	5MHz	QPSK	23255	1RB#0	3000~10000	-39.69	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	-48.03	PASS
Band13	10MHz	QPSK	23230	1RB#0	1000~3000	-46.88	PASS
Band13	10MHz	QPSK	23230	1RB#0	3000~10000	-39.46	PASS

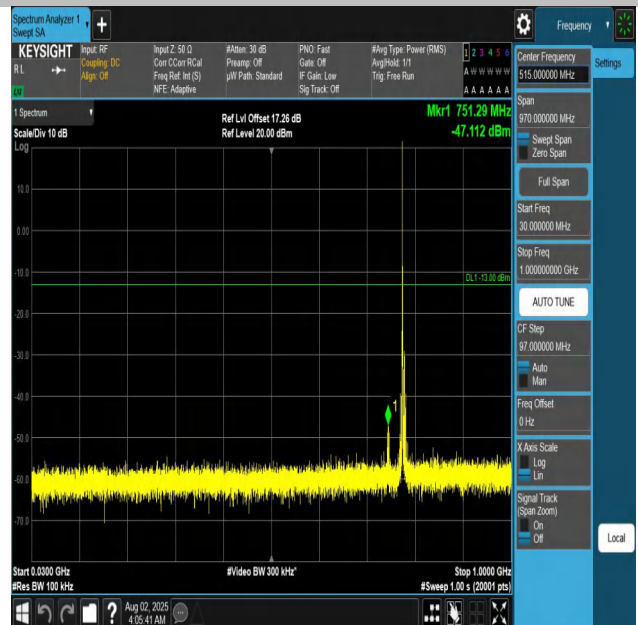
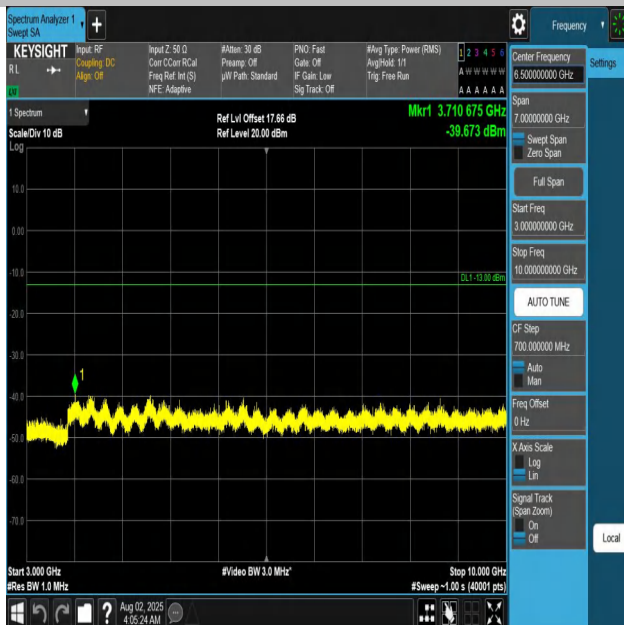


Test Graphs



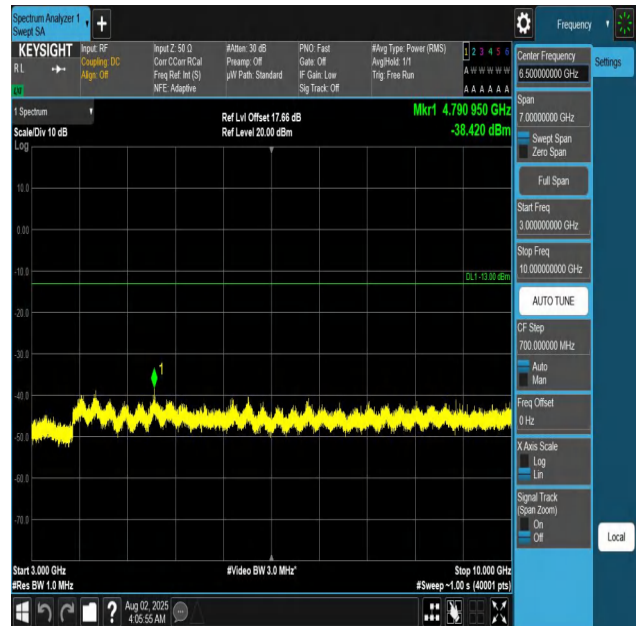
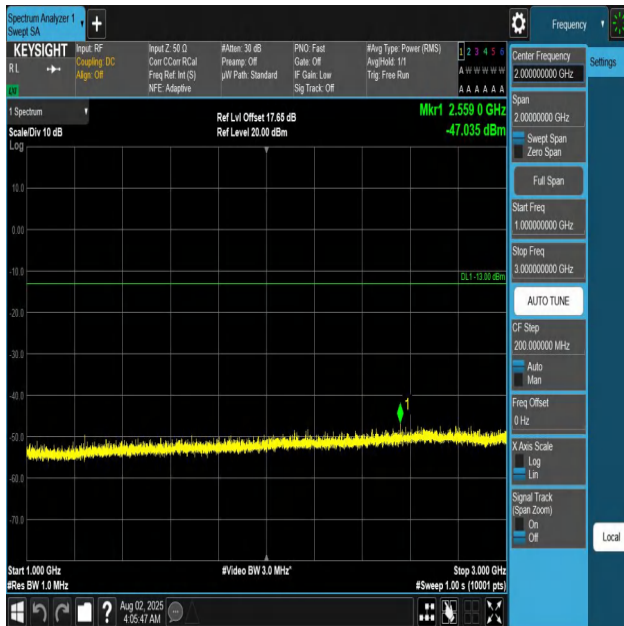
Band13-5MHz-QPSK-23205-1RB#0-30~1000-PASS

Band13-5MHz-QPSK-23205-1RB#0-1000~3000-PASS



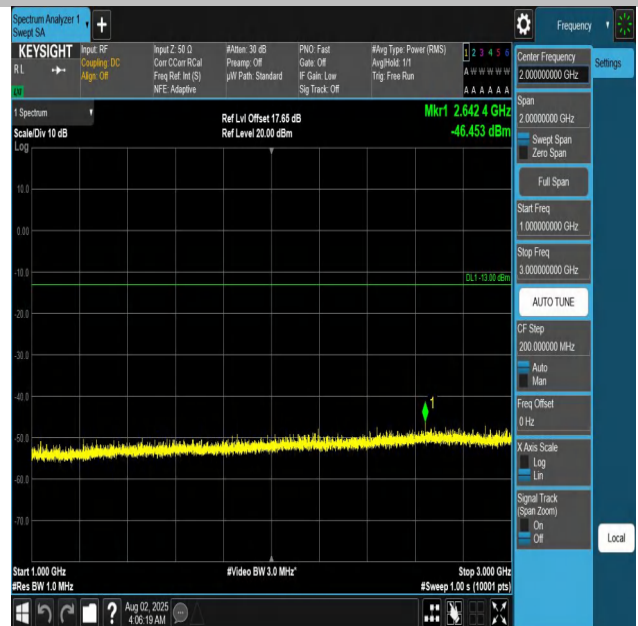
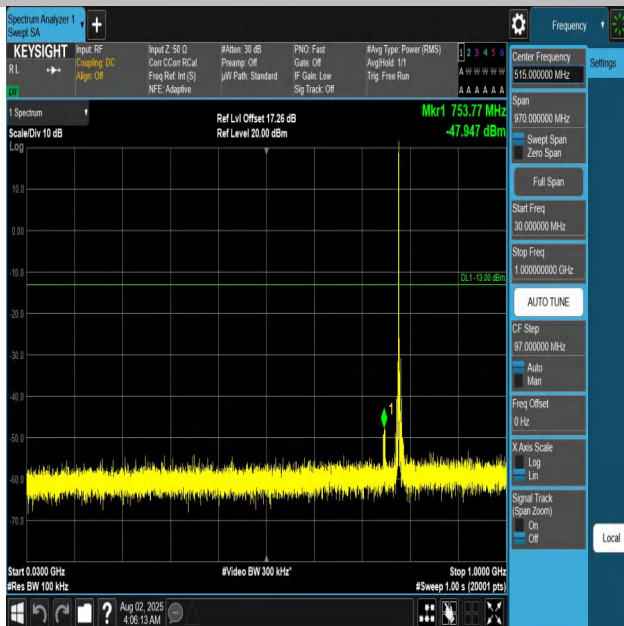
Band13-5MHz-QPSK-23205-1RB#0-3000~10000-PASS

Band13-5MHz-QPSK-23230-1RB#0-30~1000-PASS



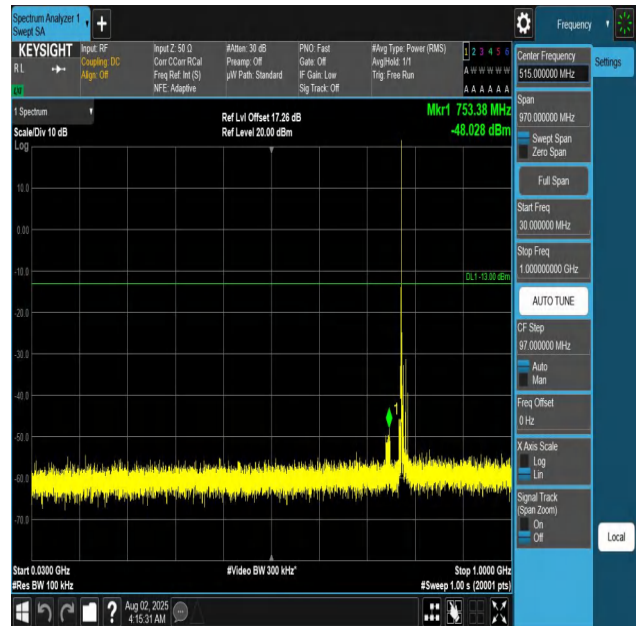
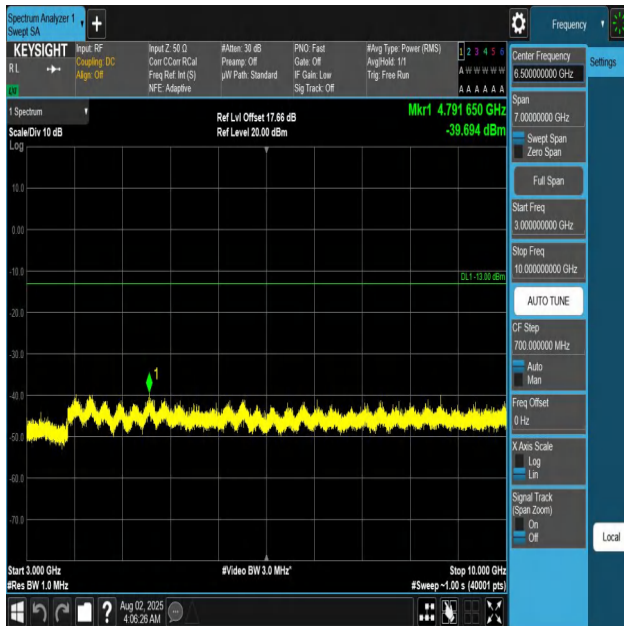
Band13-5MHz-QPSK-23230-1RB#0-1000~3000-PASS

Band13-5MHz-QPSK-23230-1RB#0-3000~10000-PASS



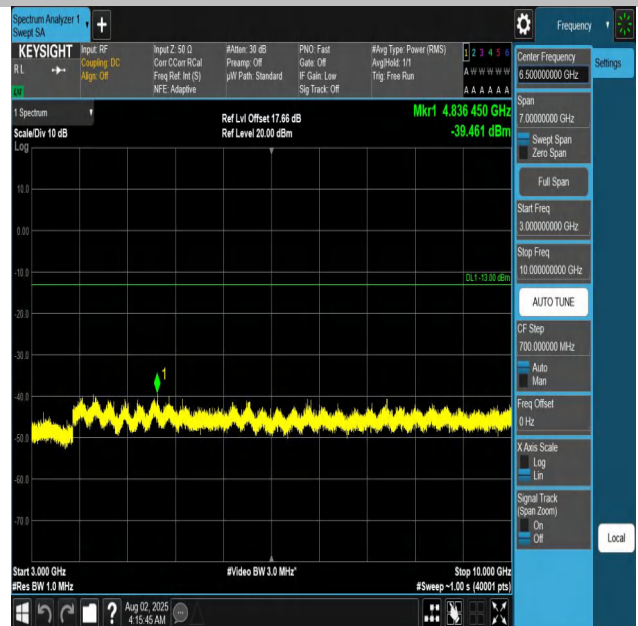
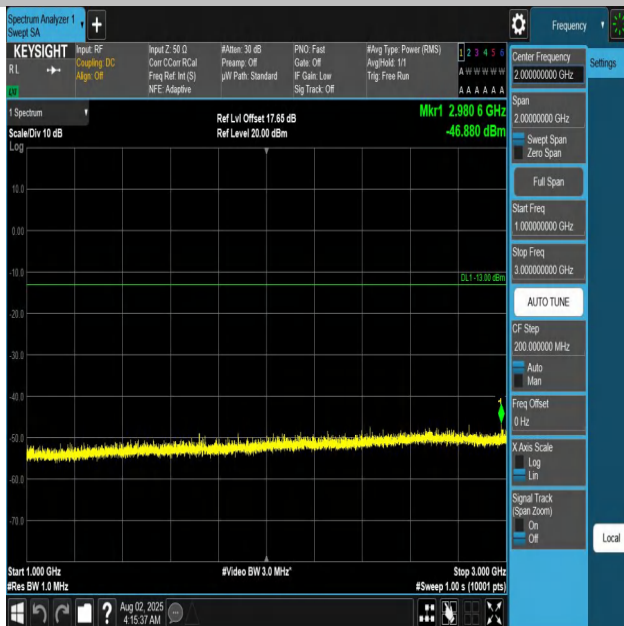
Band13-5MHz-QPSK-23255-1RB#0-30~1000-PASS

Band13-5MHz-QPSK-23255-1RB#0-1000~3000-PASS



Band13-5MHz-QPSK-23255-1RB#0-3000~10000-PASS

Band13-10MHz-QPSK-23230-1RB#0-30~1000-PASS



Band13-10MHz-QPSK-23230-1RB#0-1000~3000-PASS

Band13-10MHz-QPSK-23230-1RB#0-3000~10000-PASS



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	2500.00	3.207184	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	1500.00	1.924310	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	3660.00	4.695318	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	-2980.00	-3.810742	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	-4820.00	-6.163683	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-3780.00	-4.833760	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	-1990.00	-2.536648	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	-3120.00	-3.977055	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	-430.00	-0.548120	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	640.00	0.818414	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	110.00	0.140665	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	1500.00	1.918159	±NA	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	4800.00	6.157793	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	3610.00	4.631174	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	5230.00	6.709429	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	4840.00	6.209108	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-450.00	-0.577293	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	3930.00	5.041693	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	1640.00	2.103913	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	4140.00	5.311097	±NA	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	2460.00	3.155869	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	-7280.00	-9.309463	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	-5370.00	-6.867008	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	-4410.00	-5.639386	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	-4490.00	-5.741688	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-3390.00	-4.335038	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	-2390.00	-3.056266	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	-2890.00	-3.695652	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-1700.00	-2.173913	±NA	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	-4500.00	-5.754476	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	-4170.00	-5.315488	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	-1080.00	-1.376673	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	-4650.00	-5.927342	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	-2840.00	-3.620140	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	-4220.00	-5.379222	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	-3320.00	-4.231995	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	-930.00	-1.185468	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	-5340.00	-6.806883	±NA	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	-1920.00	-2.447419	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	1740.00	2.225064	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-1120.00	-1.432225	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	3530.00	4.514066	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	730.00	0.933504	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	1850.00	2.365729	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	1840.00	2.352941	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	-700.00	-0.895141	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-380.00	-0.485934	±NA	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	2810.00	3.593350	±NA	PASS

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