Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.23	22.62	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.36	22.75	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.34	22.73	34.8	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.42	21.81	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.29	22.68	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.34	22.73	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.37	22.76	34.8	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.38	21.77	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.23	22.62	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.31	22.7	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.26	22.65	34.8	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.41	21.8	34.8	PASS
Band13	5MHz	64QAM	23205	1RB#0	20.42	19.81	34.8	PASS
Band13	5MHz	64QAM	23205	1RB#12	21.24	20.63	34.8	PASS
Band13	5MHz	64QAM	23205	1RB#24	21.15	20.54	34.8	PASS
Band13	5MHz	64QAM	23205	25RB#0	17.99	17.38	34.8	PASS
Band13	5MHz	64QAM	23230	1RB#0	20.58	19.97	34.8	PASS
Band13	5MHz	64QAM	23230	1RB#12	21.05	20.44	34.8	PASS
Band13	5MHz	64QAM	23230	1RB#24	21.18	20.57	34.8	PASS
Band13	5MHz	64QAM	23230	25RB#0	20.35	19.74	34.8	PASS
Band13	5MHz	64QAM	23255	1RB#0	21.24	20.63	34.8	PASS
Band13	5MHz	64QAM	23255	1RB#12	21.44	20.83	34.8	PASS
Band13	5MHz	64QAM	23255	1RB#24	21.38	20.77	34.8	PASS
Band13	5MHz	64QAM	23255	25RB#0	19.76	19.15	34.8	PASS
Band13	5MHz	256QAM	23205	1RB#0	18.65	18.04	34.8	PASS
Band13	5MHz	256QAM	23205	1RB#12	18.70	18.09	34.8	PASS
Band13	5MHz	256QAM	23205	1RB#24	18.73	18.12	34.8	PASS
Band13	5MHz	256QAM	23205	25RB#0	17.97	17.36	34.8	PASS
Band13	5MHz	256QAM	23230	1RB#0	18.66	18.05	34.8	PASS
Band13	5MHz	256QAM	23230	1RB#12	18.67	18.06	34.8	PASS
Band13	5MHz	256QAM	23230	1RB#24	18.73	18.12	34.8	PASS
Band13	5MHz	256QAM	23230	25RB#0	18.37	17.76	34.8	PASS
Band13	5MHz	256QAM	23255	1RB#0	18.48	17.87	34.8	PASS
Band13	5MHz	256QAM	23255	1RB#12	18.50	17.89	34.8	PASS
Band13	5MHz	256QAM	23255	1RB#24	18.47	17.86	34.8	PASS

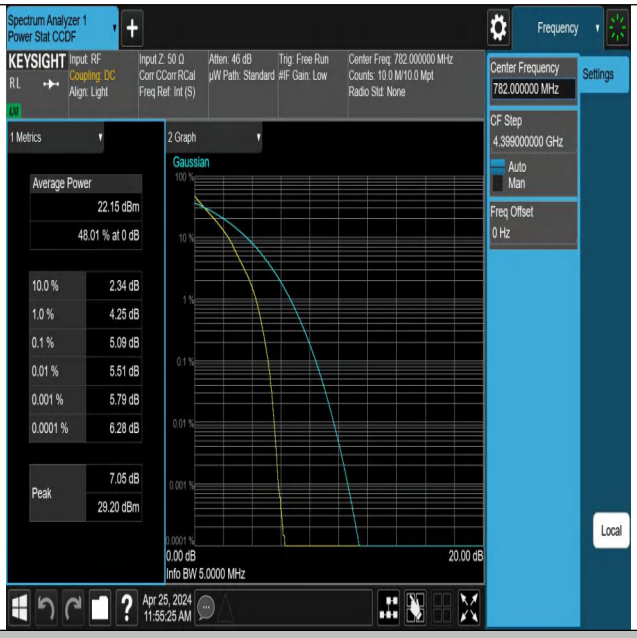
Band13	5MHz	256QAM	23255	25RB#0	18.36	17.75	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.24	21.63	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.35	21.74	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.35	21.74	34.8	PASS
Band13	5MHz	16QAM	23205	25RB#0	20.01	19.4	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.31	21.7	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.40	21.79	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.34	21.73	34.8	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.36	20.75	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.40	21.79	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.47	21.86	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.43	21.82	34.8	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.36	20.75	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.20	22.59	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.20	22.59	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.27	22.66	34.8	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.34	21.73	34.8	PASS
Band13	10MHz	64QAM	23230	1RB#0	20.95	20.34	34.8	PASS
Band13	10MHz	64QAM	23230	1RB#24	21.14	20.53	34.8	PASS
Band13	10MHz	64QAM	23230	1RB#49	21.16	20.55	34.8	PASS
Band13	10MHz	64QAM	23230	50RB#0	20.40	19.79	34.8	PASS
Band13	10MHz	256QAM	23230	1RB#0	18.47	17.86	34.8	PASS
Band13	10MHz	256QAM	23230	1RB#24	18.37	17.76	34.8	PASS
Band13	10MHz	256QAM	23230	1RB#49	18.54	17.93	34.8	PASS
Band13	10MHz	256QAM	23230	50RB#0	18.38	17.77	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.34	21.73	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.31	21.7	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.32	21.71	34.8	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.40	20.79	34.8	PASS

Peak-to-Average Ratio(CCDF)

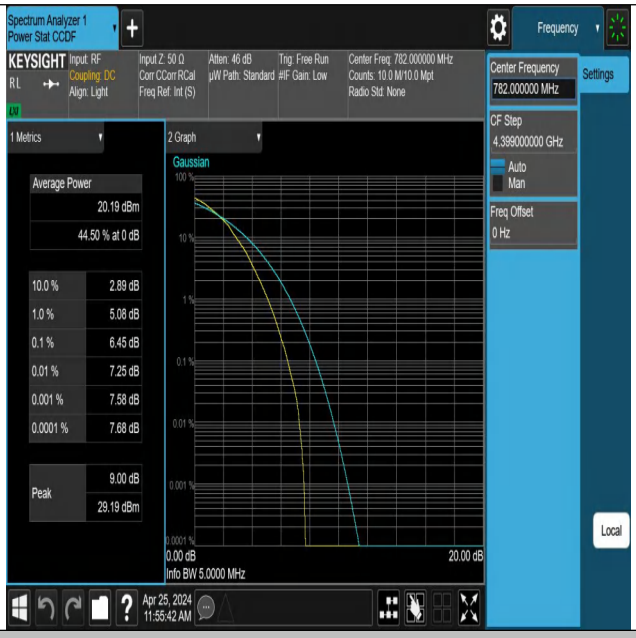
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	5.09	13	PASS
Band13	5MHz	64QAM	23230	25RB#0	6.45	13	PASS
Band13	5MHz	256QAM	23230	25RB#0	6.64	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.87	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	4.74	13	PASS
Band13	10MHz	64QAM	23230	50RB#0	6.46	13	PASS
Band13	10MHz	256QAM	23230	50RB#0	6.51	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.64	13	PASS

Test Graphs

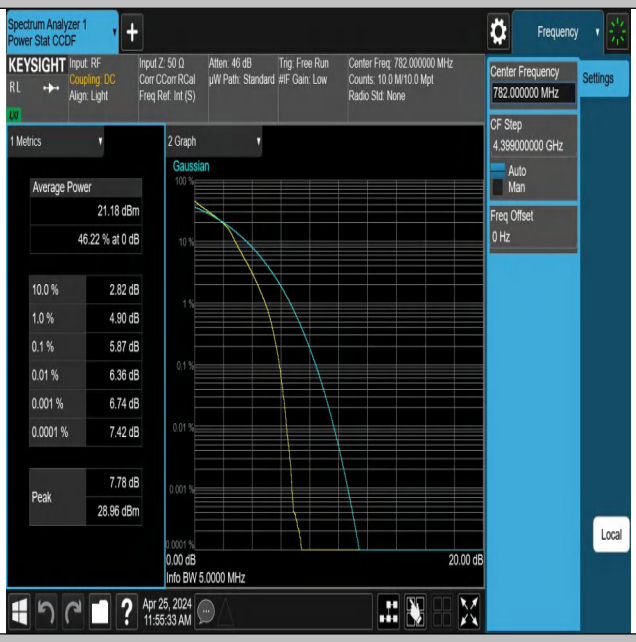


Band13-5MHz-QPSK-23230-25RB#0-PASS

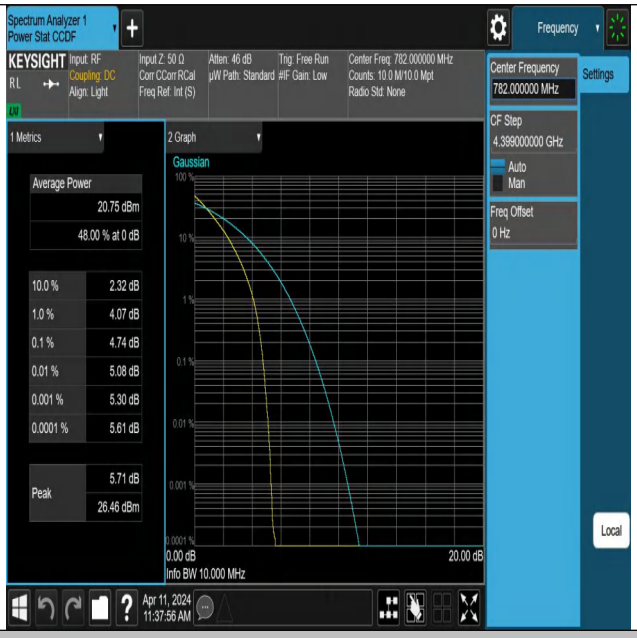


Band13-5MHz-64QAM-23230-25RB#0-PASS

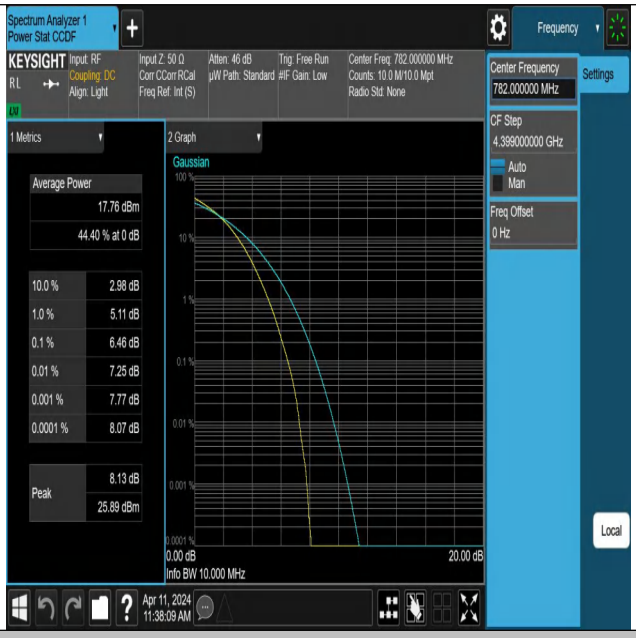
Band13-5MHz-256QAM-23230-25RB#0-PASS



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

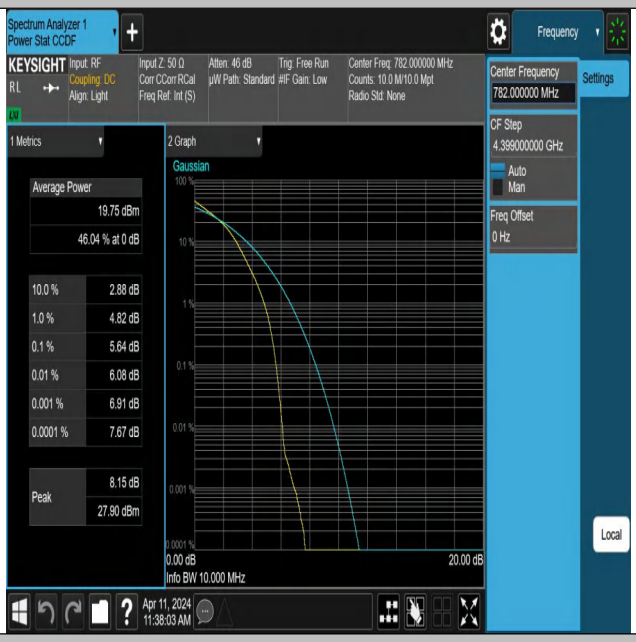


Band13-10MHz-QPSK-23230-50RB#0-PASS



Band13-10MHz-64QAM-23230-50RB#0-PASS

Band13-10MHz-256QAM-23230-50RB#0-PASS



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

26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	4.4929	4.963	PASS
Band13	5MHz	64QAM	23230	25RB#0	4.4948	4.953	PASS
Band13	5MHz	256QAM	23230	25RB#0	4.5134	4.931	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5061	4.996	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9472	9.816	PASS
Band13	10MHz	64QAM	23230	50RB#0	8.9639	9.775	PASS
Band13	10MHz	256QAM	23230	50RB#0	8.9526	9.807	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9634	9.763	PASS

Test Graphs

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

Band13-5MHz-64QAM-23230-25RB#0-PASS

Band13-5MHz-256QAM-23230-25RB#0-PASS

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

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

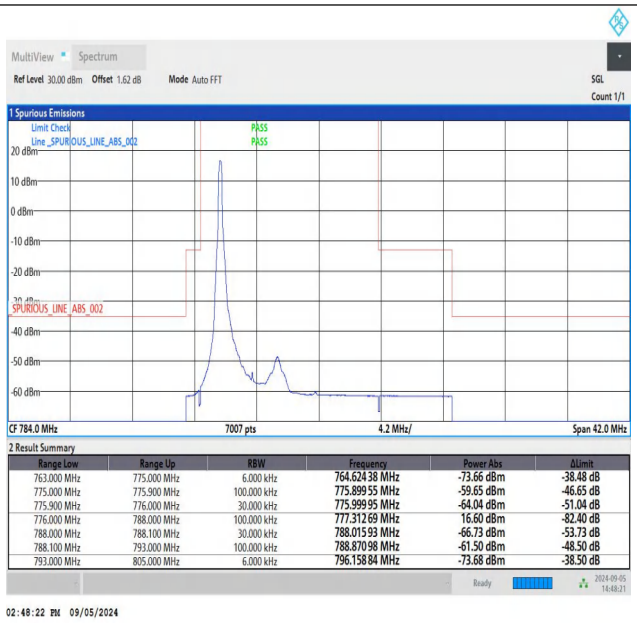
Band13-10MHz-64QAM-23230-50RB#0-PASS

Band13-10MHz-256QAM-23230-50RB#0-PASS

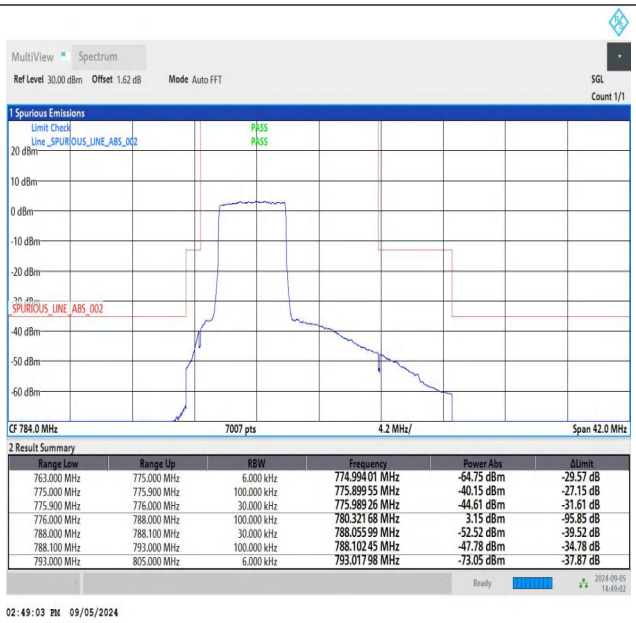
Band13-10MHz-16QAM-23230-50RB#0-PASS

Band Edge

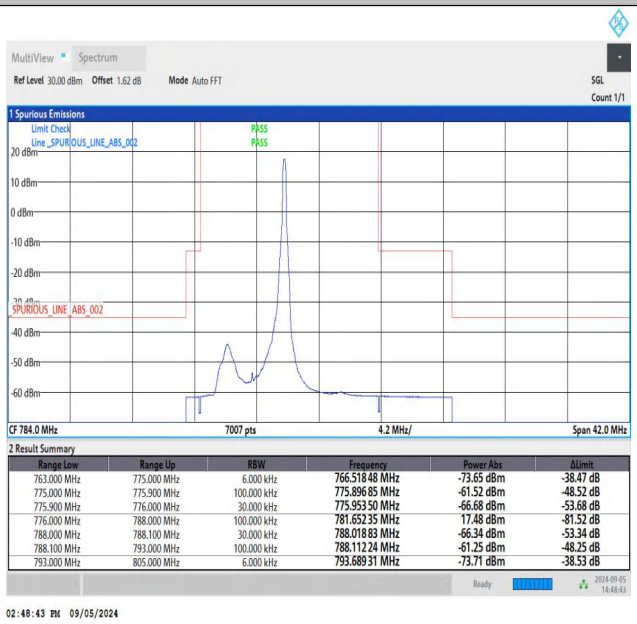
Test Graphs



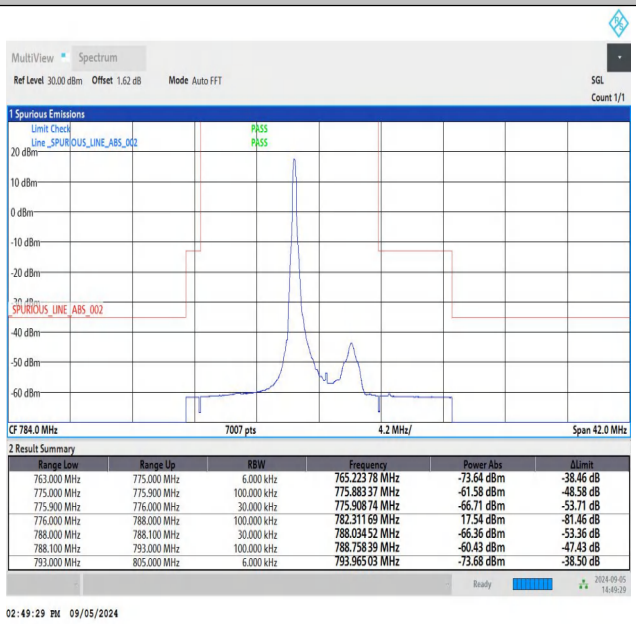
Band13-5MHz-QPSK-23205-1RB#0-PASS



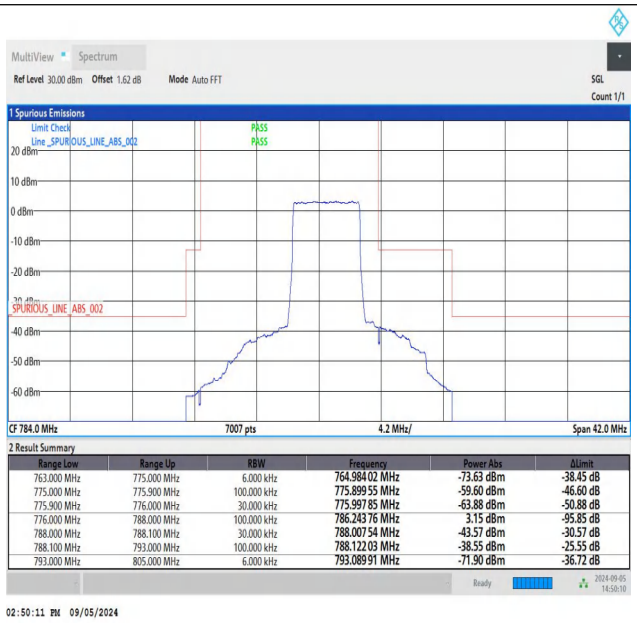
Band13-5MHz-QPSK-23205-25RB#0-PASS



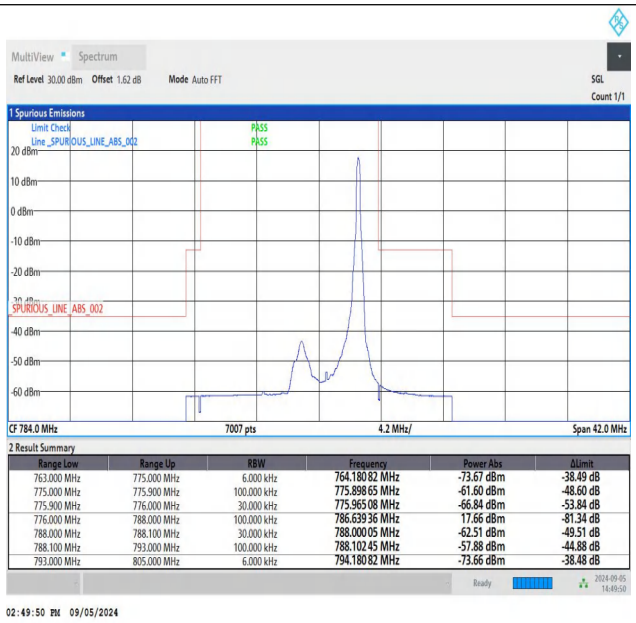
Band13-5MHz-QPSK-23205-1RB#24-PASS



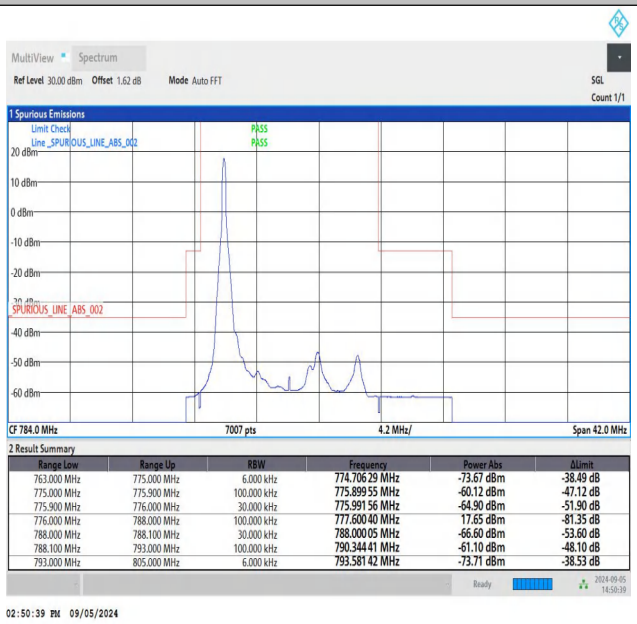
Band13-5MHz-QPSK-23255-1RB#0-PASS



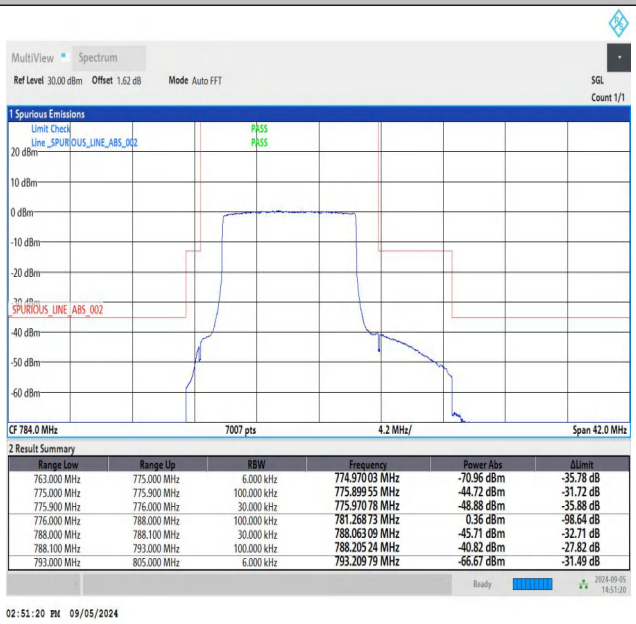
Band13-5MHz-QPSK-23255-25RB#0-PASS



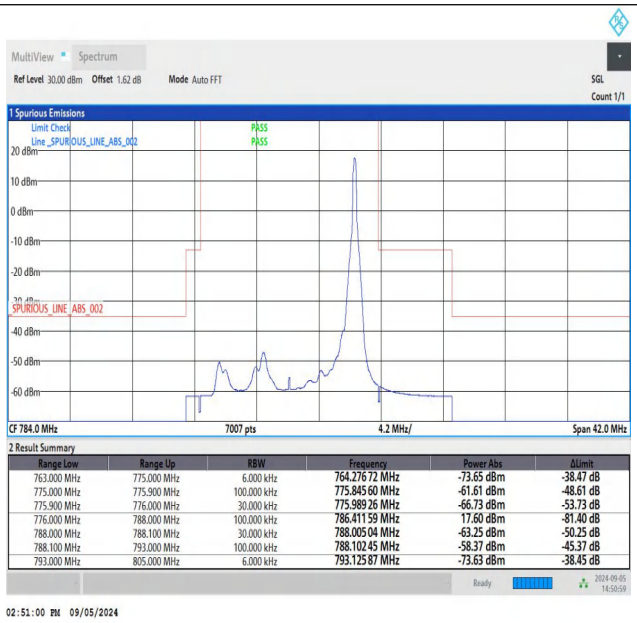
Band13-5MHz-QPSK-23255-1RB#24-PASS



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



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



/

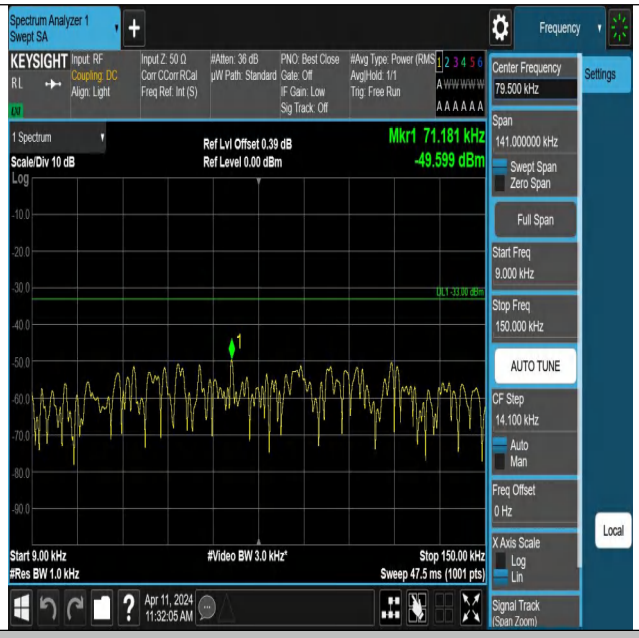
Band13-10MHz-QPSK-23230-1RB#49-PASS	/

Conducted Spurious Emission

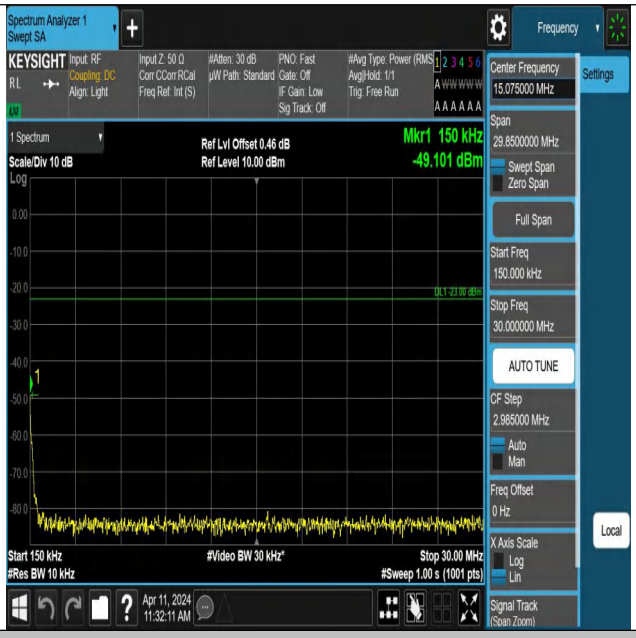
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result(dBm)	Limit	Verdict
Band13	5MHz	QPSK	23205	1RB#0	0.009~0.15	-49.60	-33.0	PASS
Band13	5MHz	QPSK	23205	1RB#0	0.15~30	-49.10	-23.0	PASS
Band13	5MHz	QPSK	23205	1RB#0	30~1000	-63.96	-13.0	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~3000	-39.94	-13.0	PASS
Band13	5MHz	QPSK	23205	1RB#0	3000~10000	-50.13	-13.0	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.009~0.15	-48.49	-33.0	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.15~30	-50.68	-23.0	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	-63.85	-13.0	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~3000	-40.83	-13.0	PASS
Band13	5MHz	QPSK	23230	1RB#0	3000~10000	-49.38	-13.0	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.009~0.15	-47.63	-33.0	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.15~30	-49.98	-23.0	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	-63.80	-13.0	PASS
Band13	5MHz	QPSK	23255	1RB#0	1000~3000	-38.86	-13.0	PASS
Band13	5MHz	QPSK	23255	1RB#0	3000~10000	-49.77	-13.0	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.009~0.15	-51.64	-33.0	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.15~30	-49.09	-23.0	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	-63.98	-13.0	PASS
Band13	10MHz	QPSK	23230	1RB#0	1000~3000	-44.32	-13.0	PASS
Band13	10MHz	QPSK	23230	1RB#0	3000~10000	-49.52	-13.0	PASS
Band13	5MHz	QPSK	23205	1RB#0	1559~1610	-60.66	-40.0	PASS
Band13	5MHz	QPSK	23230	1RB#0	1559~1610	-47.52	-40.0	PASS
Band13	5MHz	QPSK	23255	1RB#0	1559~1610	-47.86	-40.0	PASS
Band13	10MHz	QPSK	23230	1RB#0	1559~1610	-60.65	-40.0	PASS

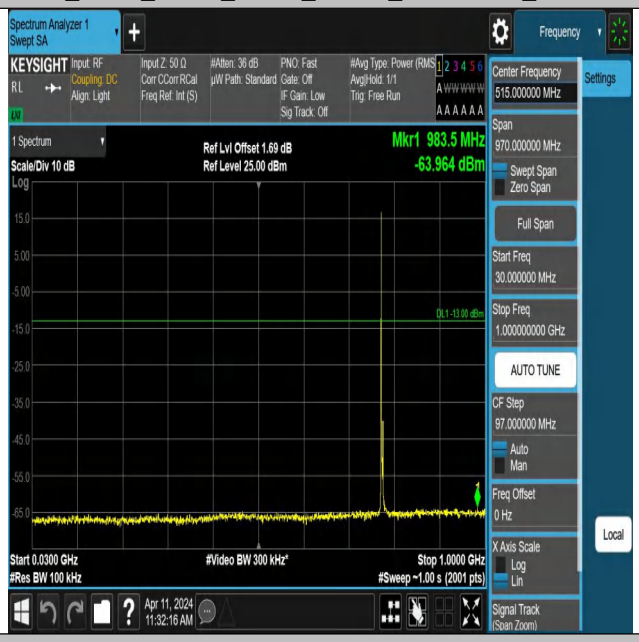
Test Graphs



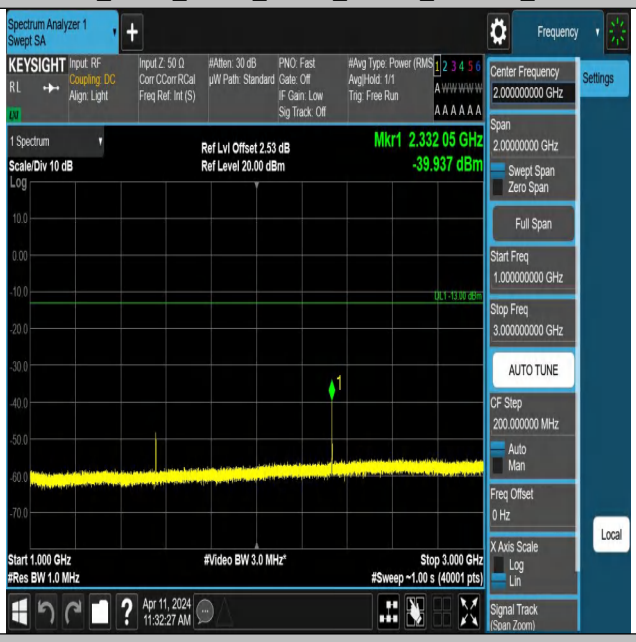
Band13_5MHz_QPSK_23205_1RB#0_0.009~0.15_0.009~0.15



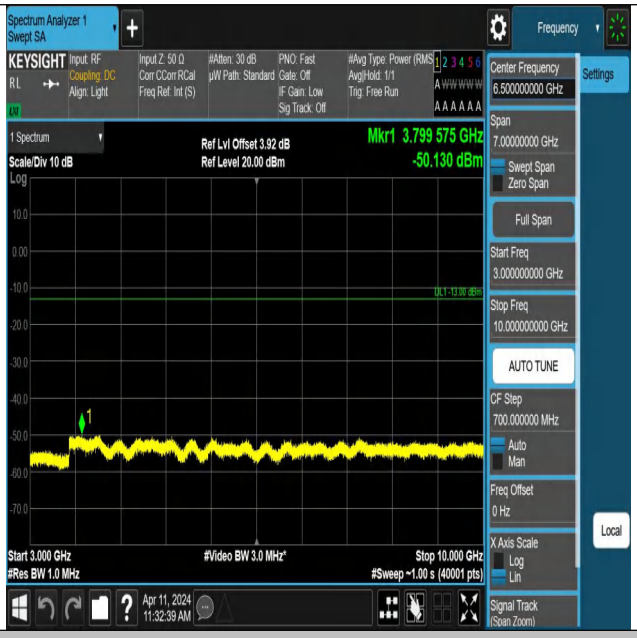
Band13_5MHz_QPSK_23205_1RB#0_0.15~30_0.15~30



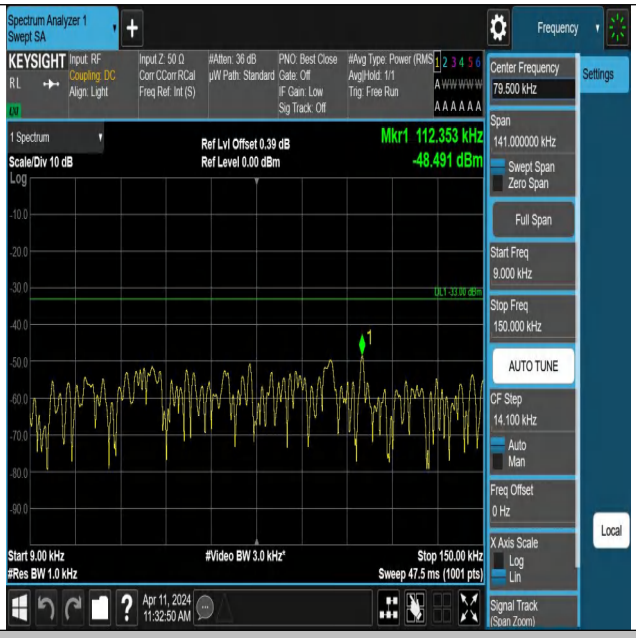
Band13_5MHz_QPSK_23205_1RB#0_30~1000_30~1000



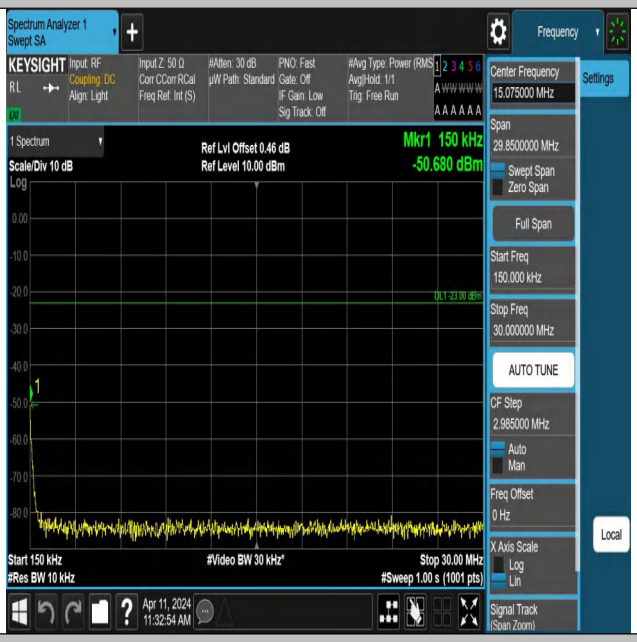
Band13_5MHz_QPSK_23205_1RB#0_1000~3000_1000~3000



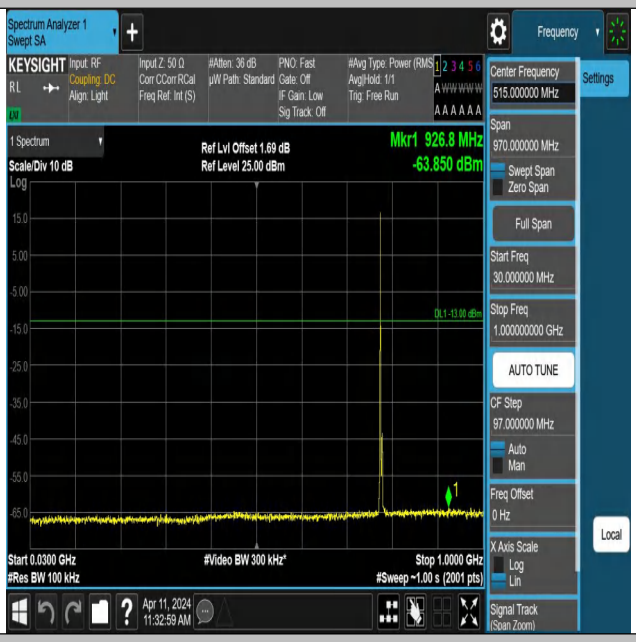
Band13_5MHz_QPSK_23205_1RB#0_3000~10000_3000~10000



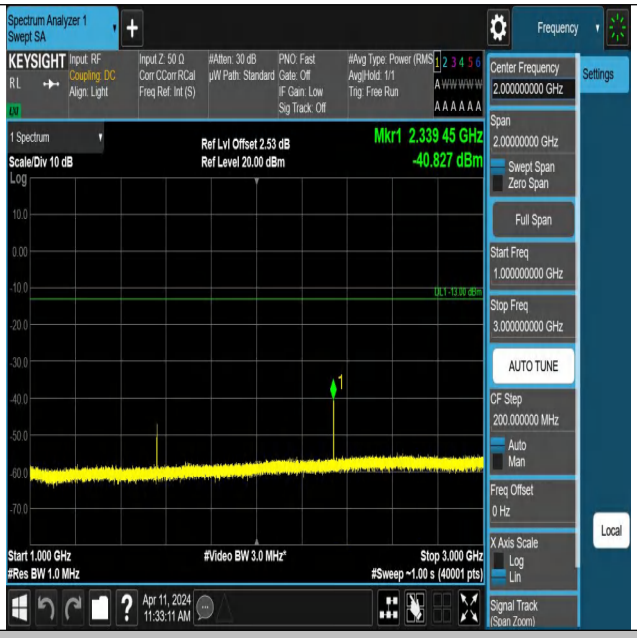
Band13_5MHz_QPSK_23230_1RB#0_0.009~0.15_0.009~0.15



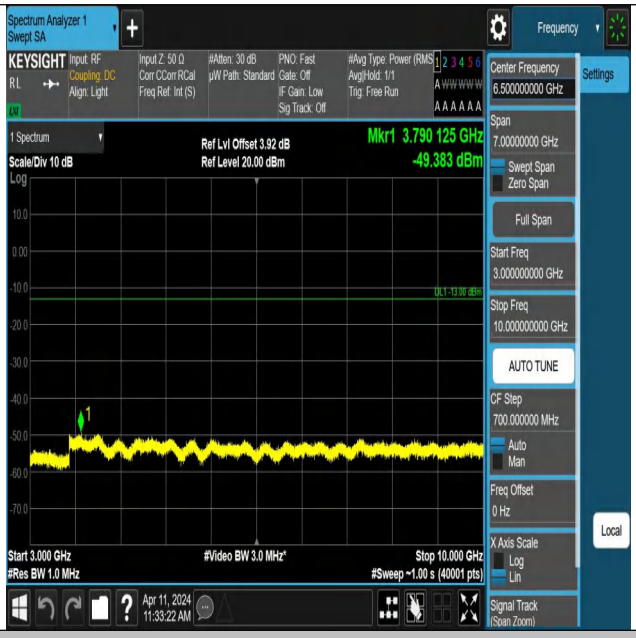
Band13_5MHz_QPSK_23230_1RB#0_0.15~30_0.15~30



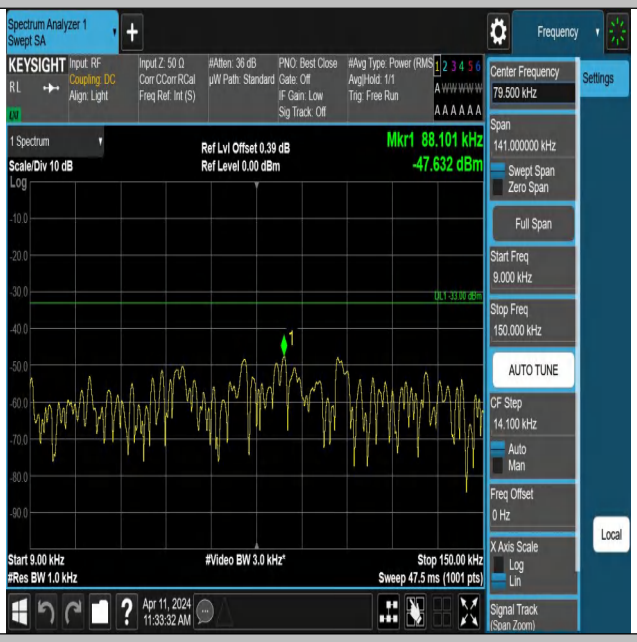
Band13_5MHz_QPSK_23230_1RB#0_30~1000_30~1000



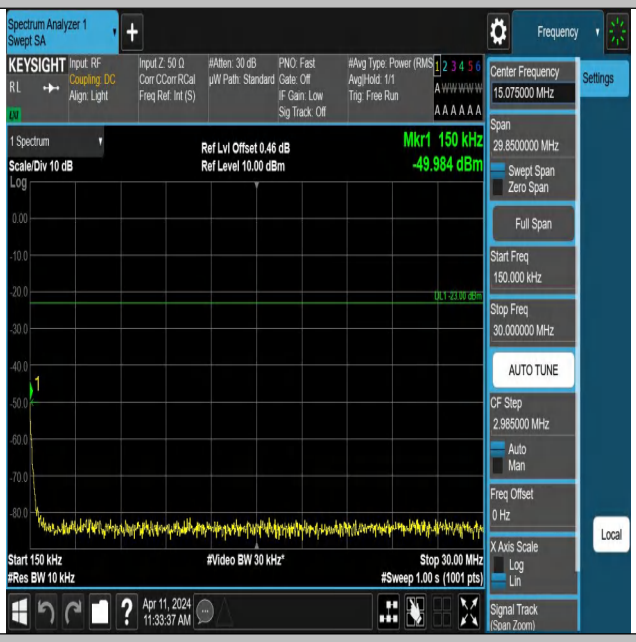
Band13_5MHz_QPSK_23230_1RB#0_1000~3000_1000~3000



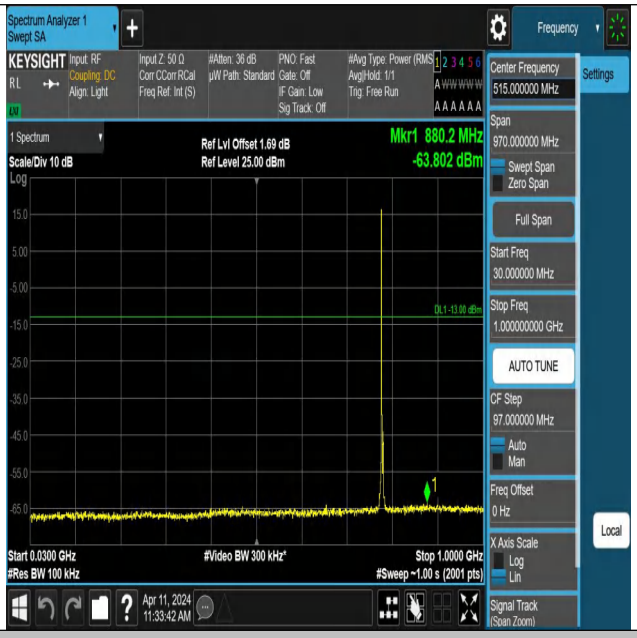
Band13_5MHz_QPSK_23230_1RB#0_3000~10000_3000~10000



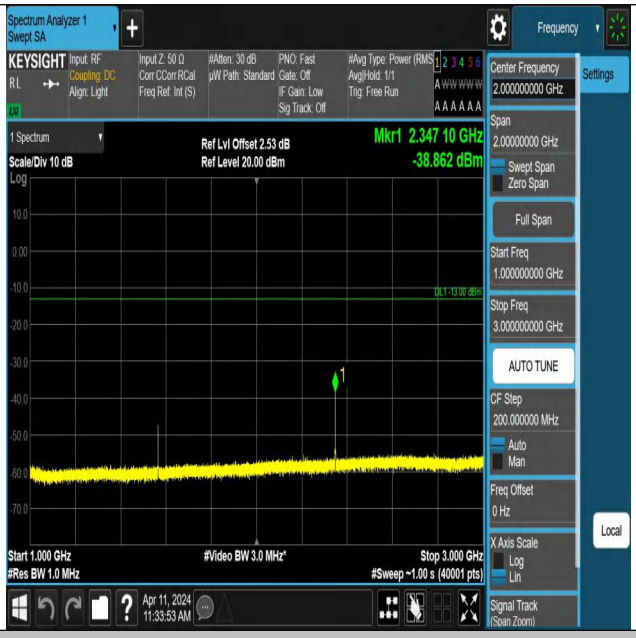
Band13_5MHz_QPSK_23255_1RB#0_0.009~0.15_0.009~0.15



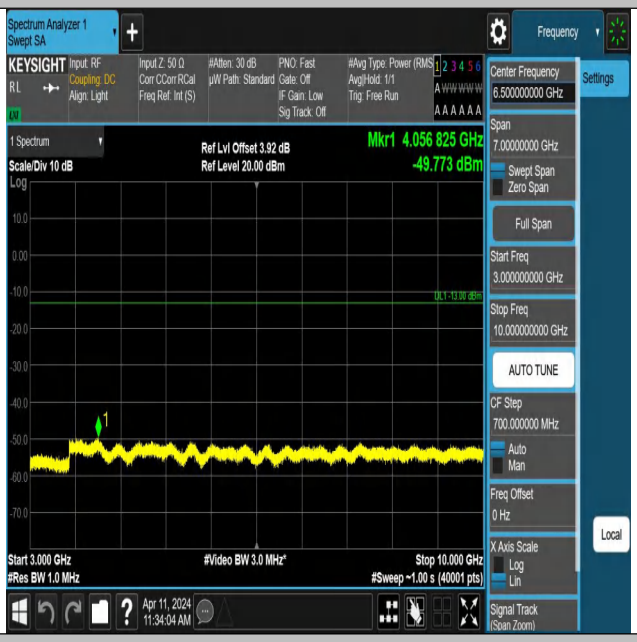
Band13_5MHz_QPSK_23255_1RB#0_0.15~30_0.15~30



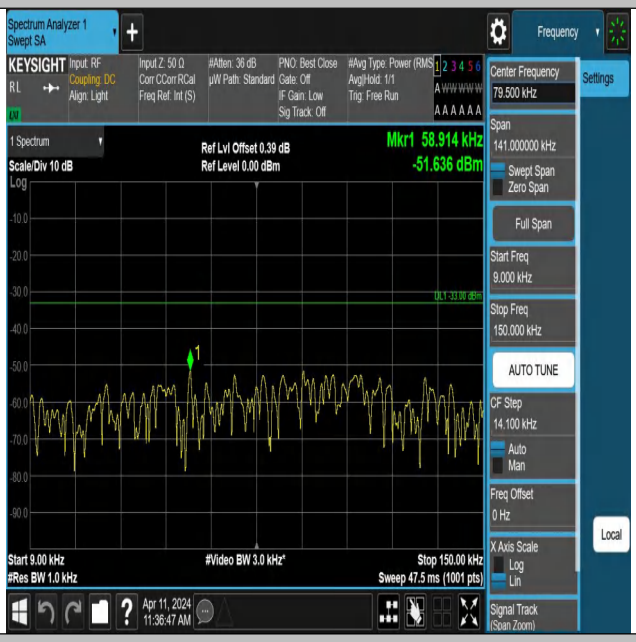
Band13_5MHz_QPSK_23255_1RB#0_30~1000_30~1000



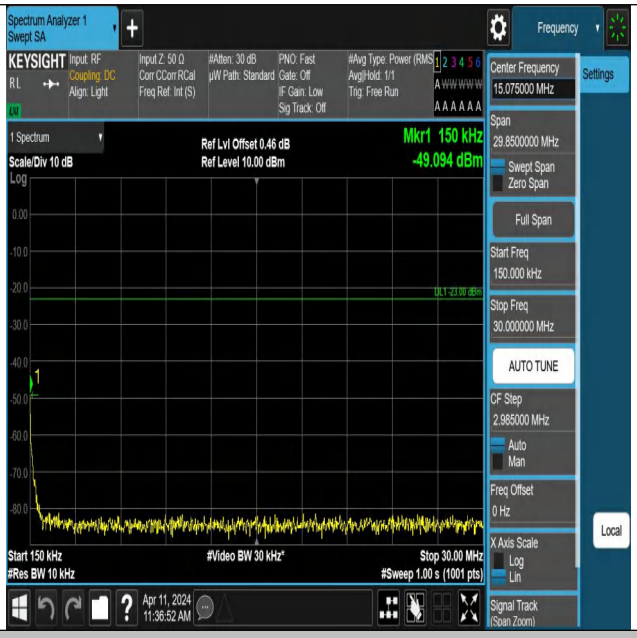
Band13_5MHz_QPSK_23255_1RB#0_1000~3000_1000~3000



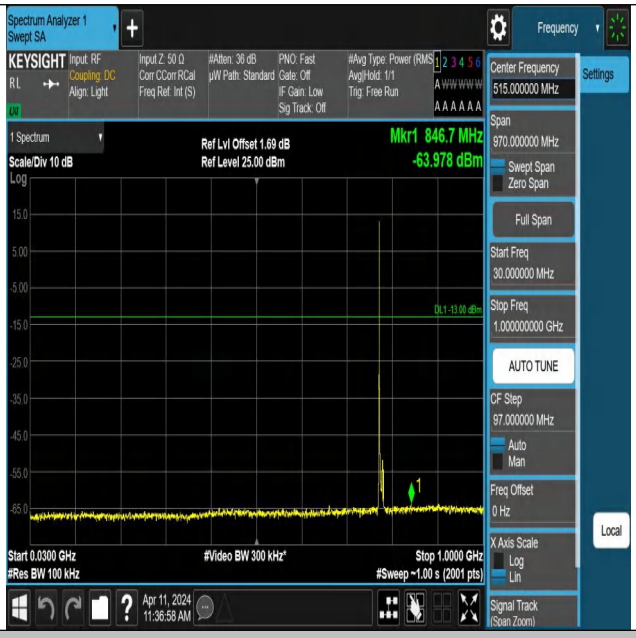
Band13_5MHz_QPSK_23255_1RB#0_3000~10000_3000~10000



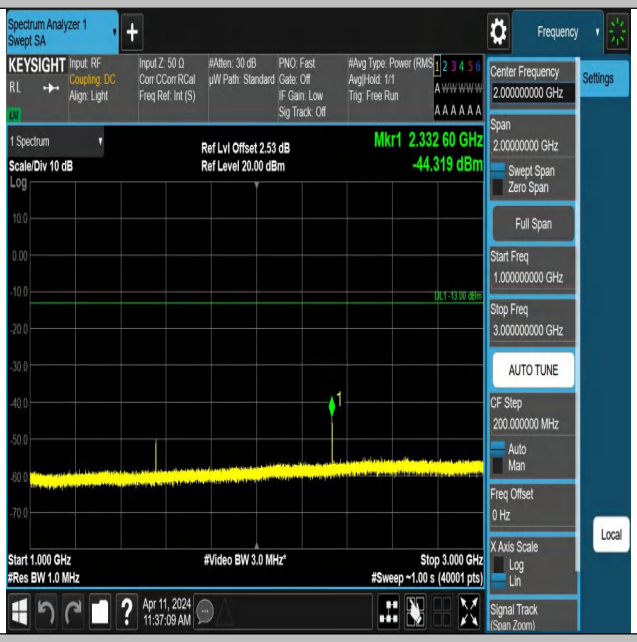
Band13_10MHz_QPSK_23230_1RB#0_0.009~0.15_0.009~0.15



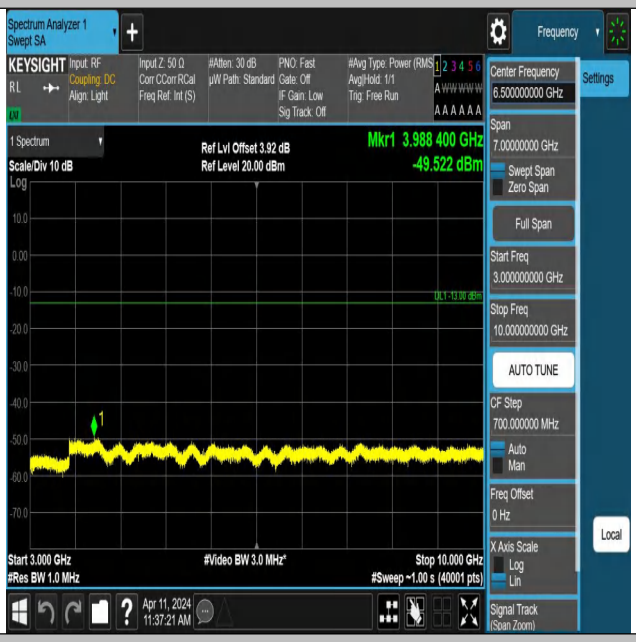
Band13_10MHz_QPSK_23230_1RB#0_0.15~30_0.15~30



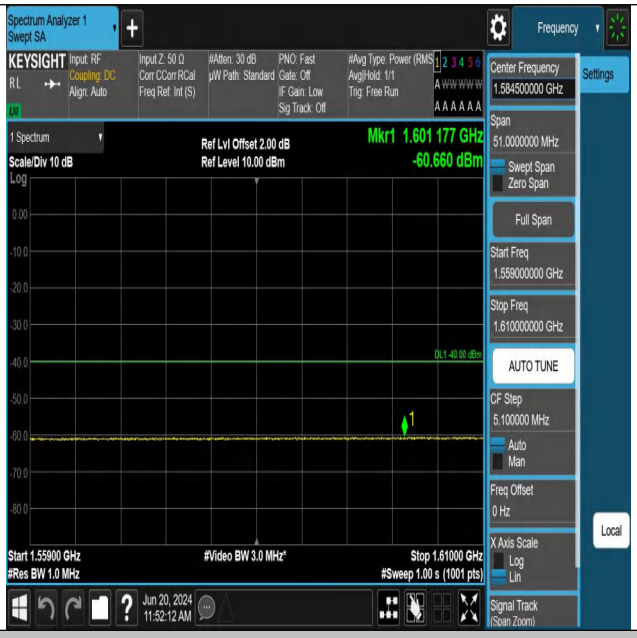
Band13_10MHz_QPSK_23230_1RB#0_30~1000_30~1000



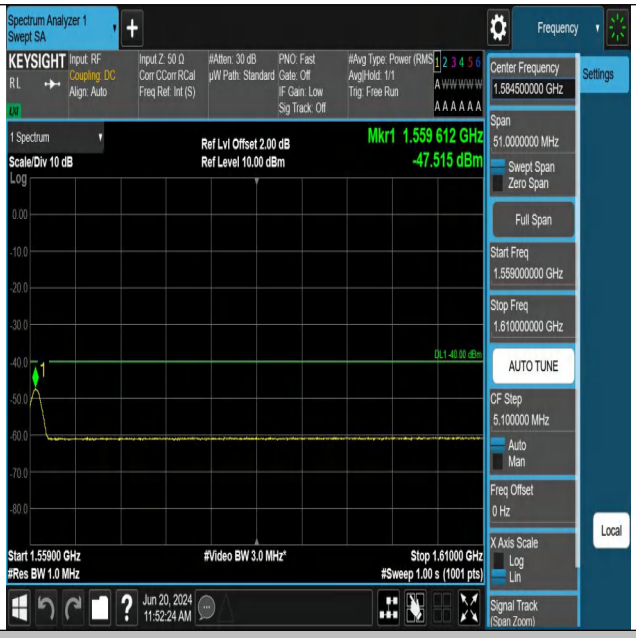
Band13_10MHz_QPSK_23230_1RB#0_1000~3000_1000~3000



Band13_10MHz_QPSK_23230_1RB#0_3000~10000_3000~10000

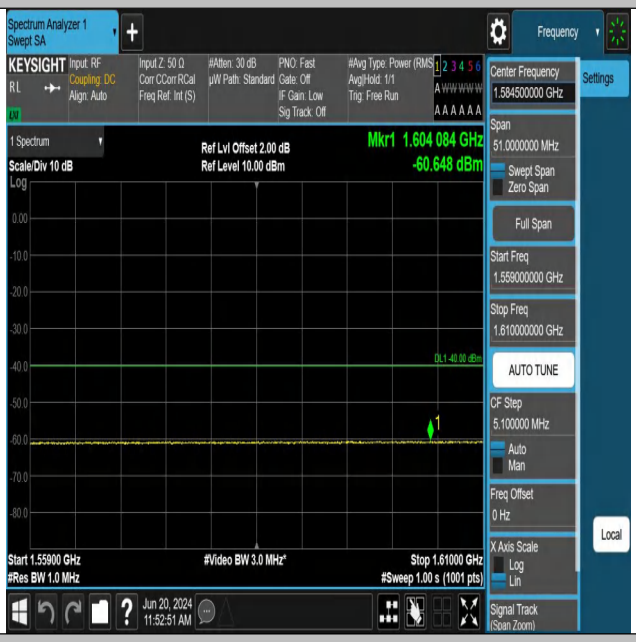


Band13_5MHz_QPSK_23205_1RB#0_1559~1610_1559~1610



Band13_5MHz_QPSK_23230_1RB#0_1559~1610_1559~1610

Band13_5MHz_QPSK_23255_1RB#0_1559~1610_1559~1610



Band13_10MHz_QPSK_23230_1RB#0_1559~1610_1559~1610

Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-5.41	-0.006918	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	3.74	0.004783	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	2.85	0.003645	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-5.35	-0.006841	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	3.51	0.004488	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	3.48	0.004450	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-3.43	-0.004386	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-6.64	-0.008491	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	2.86	0.003657	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	3.51	0.004488	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	1.38	0.001765	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-4.29	-0.005486	±2.5	PASS