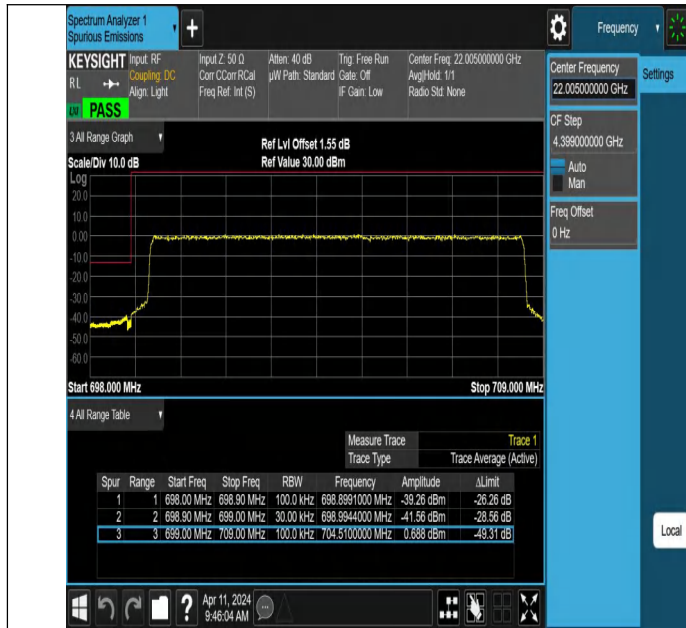
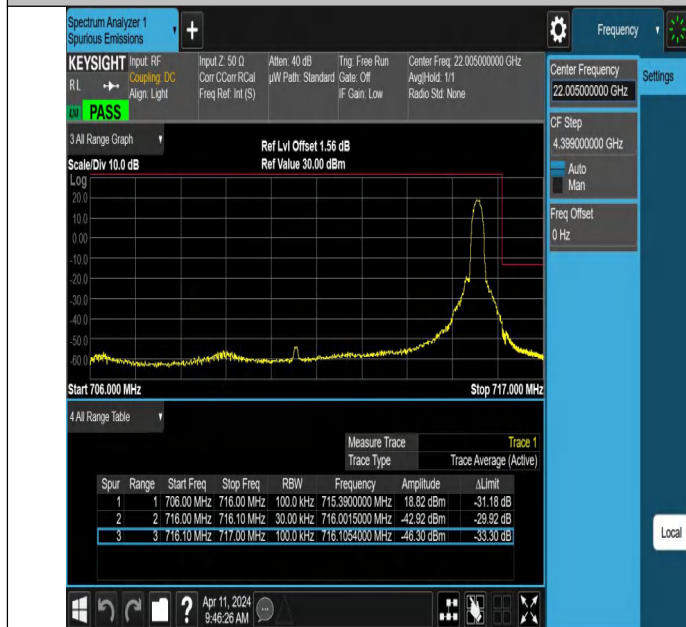




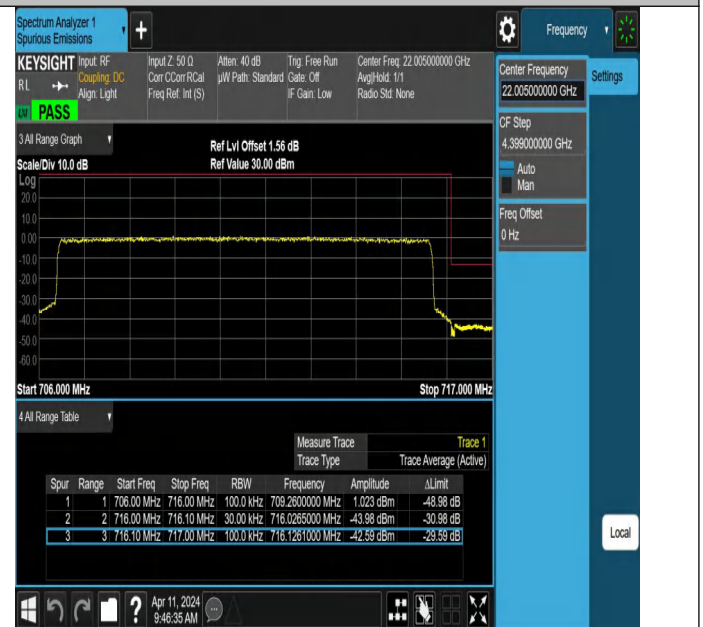
Band12_10MHz_QPSK_23060_50RB#0



Band12_10MHz_QPSK_23130_1RB#0



Band12_10MHz_QPSK_23130_1RB#49



Band12_10MHz_QPSK_23130_50RB#0

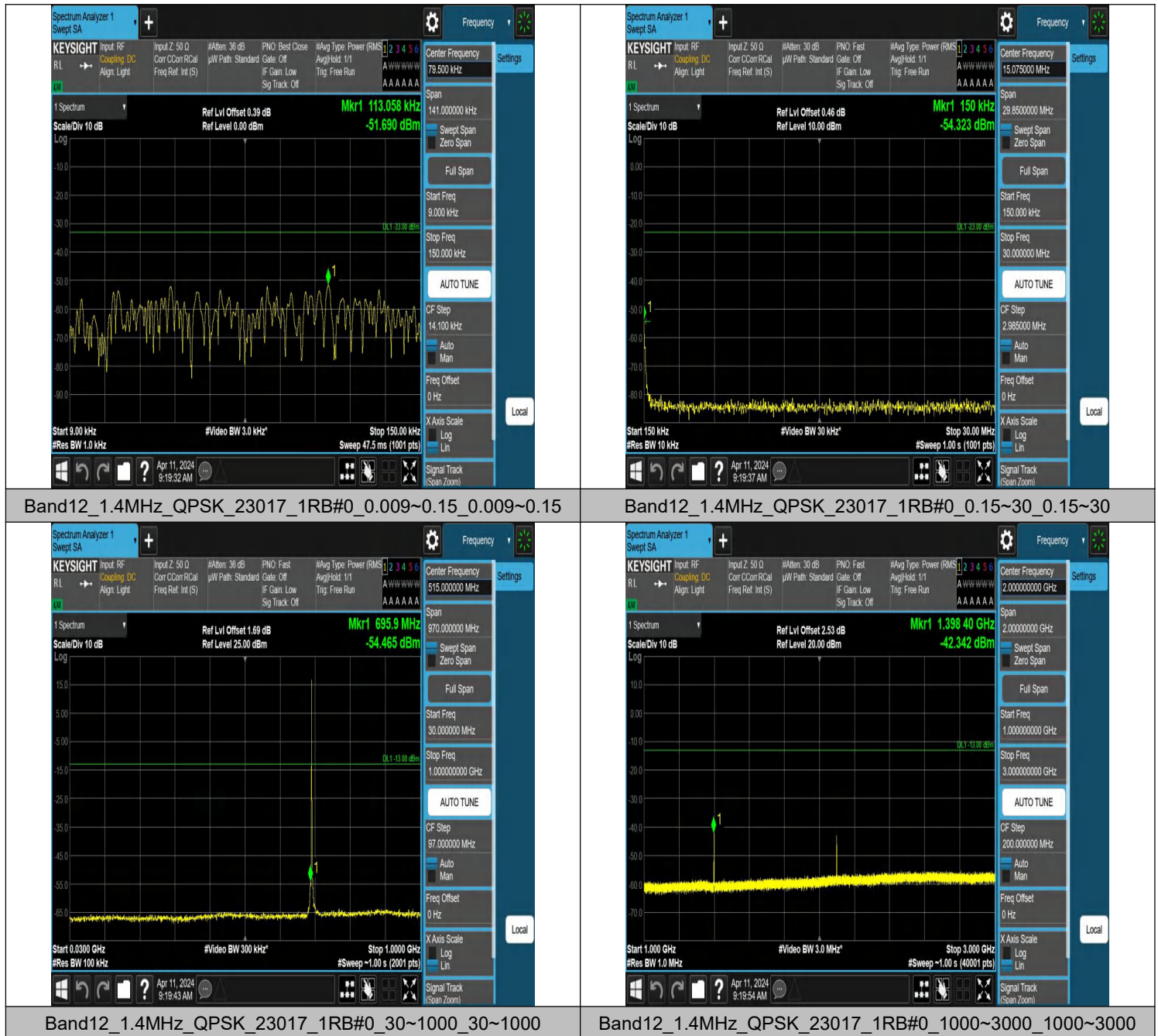
Conducted Spurious Emission

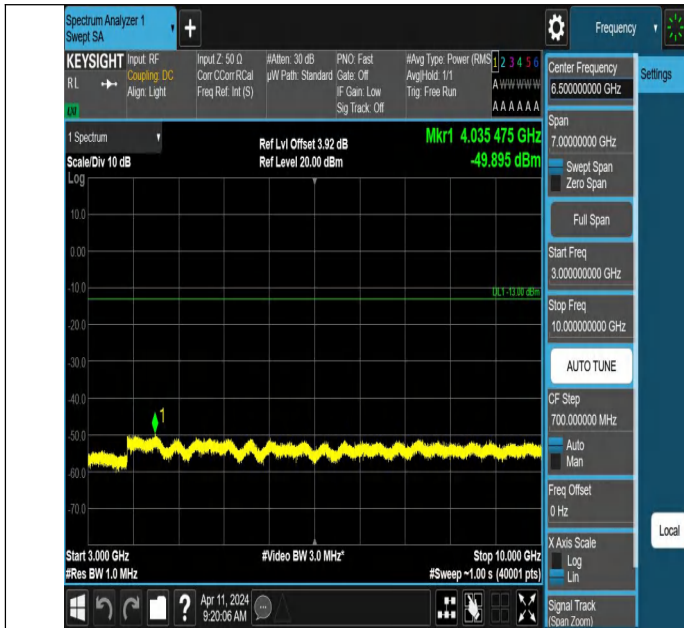
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result(dBm)	Limit	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	0.009~0.15	-51.69	-33.0	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-54.32	-23.0	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-54.47	-13.0	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-42.34	-13.0	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-49.90	-13.0	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-50.89	-33.0	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-51.07	-23.0	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-57.32	-13.0	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-42.20	-13.0	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-49.69	-13.0	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-52.03	-33.0	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-51.30	-23.0	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-57.11	-13.0	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-39.90	-13.0	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-49.77	-13.0	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-49.66	-33.0	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-50.51	-23.0	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-61.72	-13.0	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-41.67	-13.0	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-49.87	-13.0	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-50.36	-33.0	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-51.28	-23.0	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-63.08	-13.0	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-40.95	-13.0	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-49.43	-13.0	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-51.94	-33.0	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-52.73	-23.0	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-63.39	-13.0	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-40.80	-13.0	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-50.15	-13.0	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-51.48	-33.0	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-50.04	-23.0	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-63.62	-13.0	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-41.88	-13.0	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-49.80	-13.0	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-51.36	-33.0	PASS

Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-50.73	-23.0	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-63.40	-13.0	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-41.27	-13.0	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-50.03	-13.0	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-51.44	-33.0	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-50.80	-23.0	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-63.40	-13.0	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-40.37	-13.0	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-49.82	-13.0	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-50.33	-33.0	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-52.09	-23.0	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-64.00	-13.0	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-41.39	-13.0	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-50.03	-13.0	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-50.23	-33.0	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-53.19	-23.0	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-63.38	-13.0	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-42.00	-13.0	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-49.83	-13.0	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-49.80	-33.0	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-50.08	-23.0	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-63.88	-13.0	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-41.93	-13.0	PASS
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-49.97	-13.0	PASS

Test Graphs



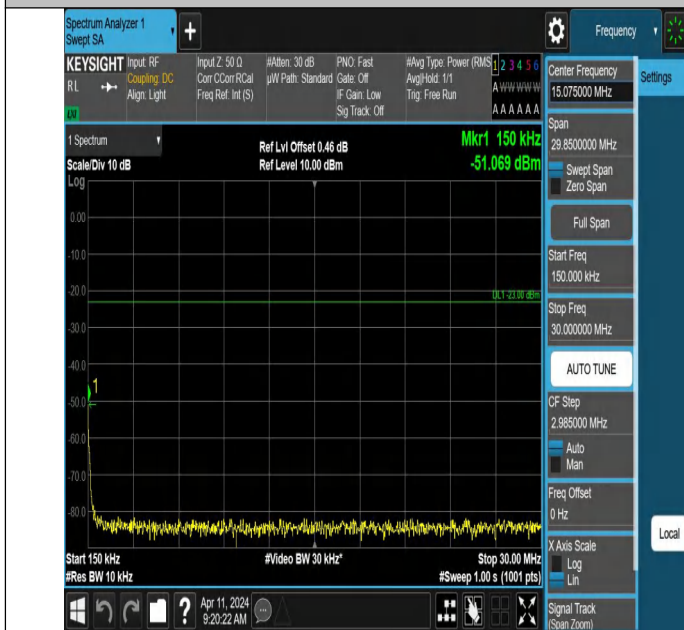


Band12_1.4MHz_QPSK_23017_1RB#0_3000~10000_3000~1000

0



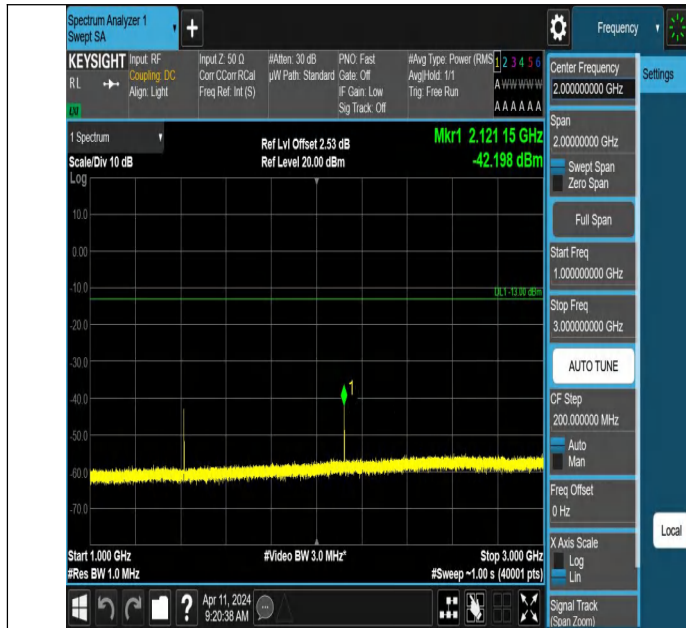
Band12_1.4MHz_QPSK_23095_1RB#0_0.009~0.15_0.009~0.15



Band12_1.4MHz_QPSK_23095_1RB#0_0.15~30_0.15~30



Band12_1.4MHz_QPSK_23095_1RB#0_30~1000_30~1000

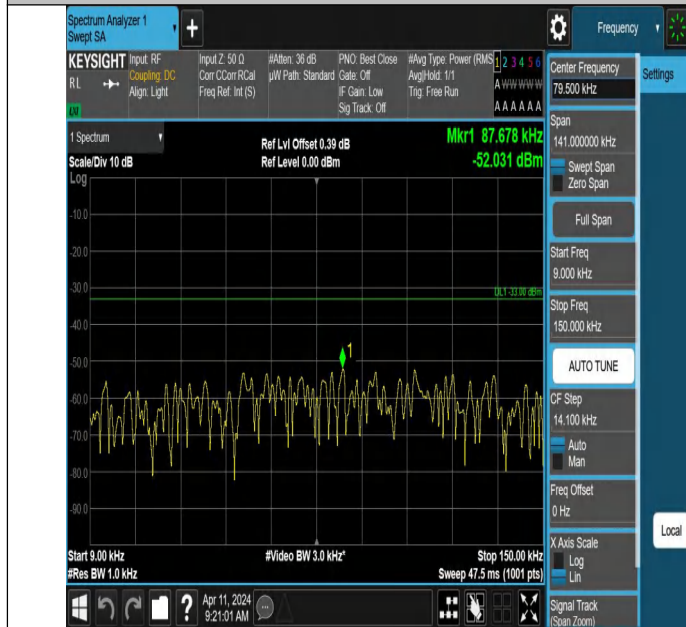


Band12_1.4MHz_QPSK_23095_1RB#0_1000~3000_1000~3000

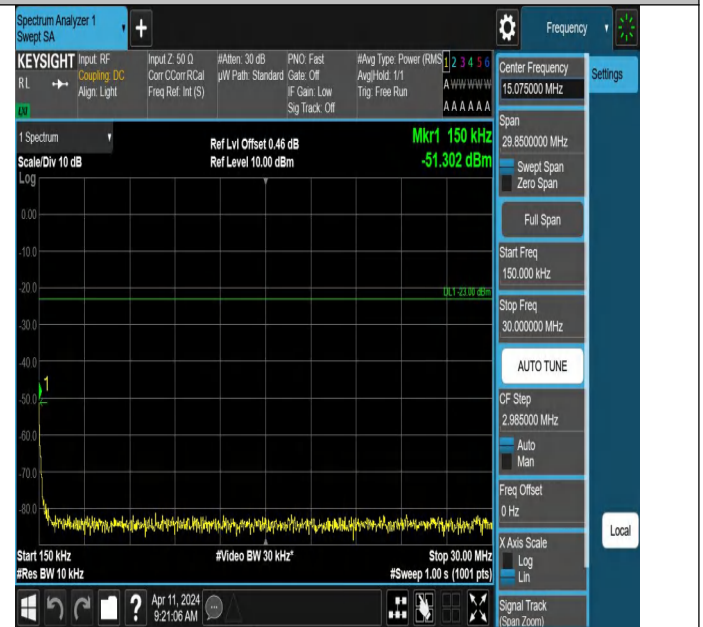


Band12_1.4MHz_QPSK_23095_1RB#0_3000~10000_3000~1000

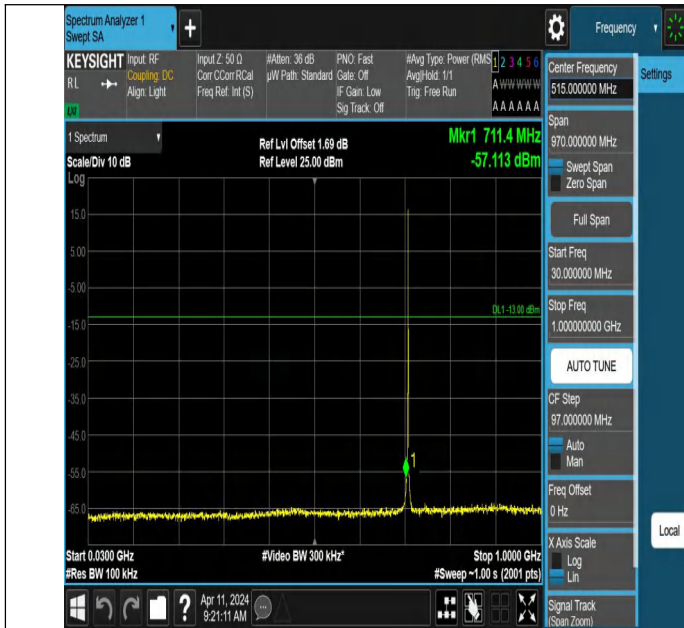
0



Band12_1.4MHz_QPSK_23173_1RB#0_0.009~0.15_0.009~0.15



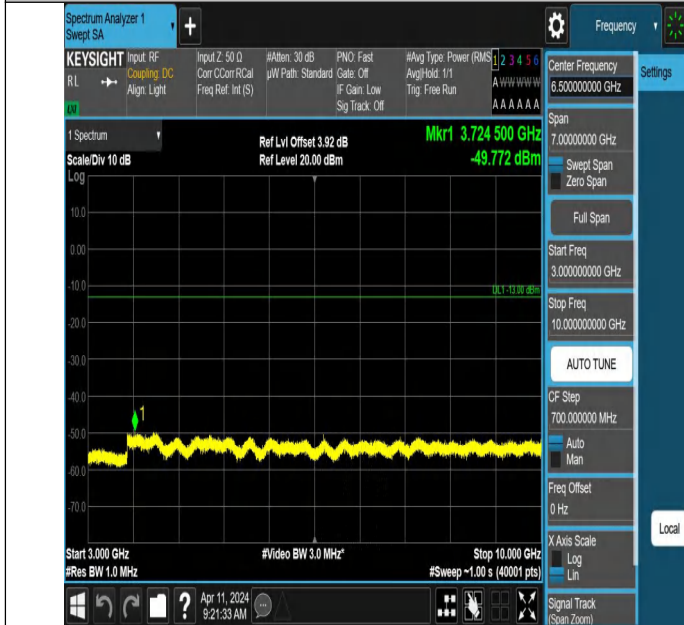
Band12_1.4MHz_QPSK_23173_1RB#0_0.15~30_0.15~30



Band12_1.4MHz_QPSK_23173_1RB#0_30~1000_30~1000



Band12_1.4MHz_QPSK_23173_1RB#0_1000~3000_1000~3000

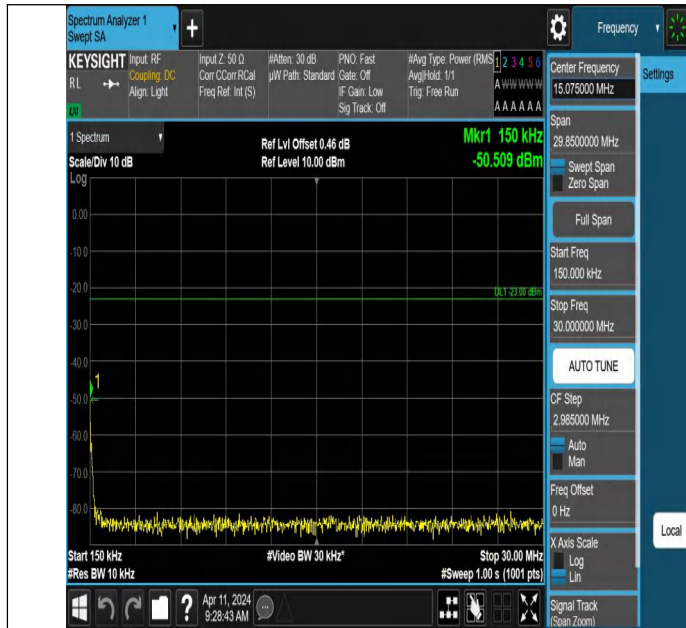


Band12_1.4MHz_QPSK_23173_1RB#0_3000~10000_3000~1000



Band12_3MHz_QPSK_23025_1RB#0_0.009~0.15_0.009~0.15

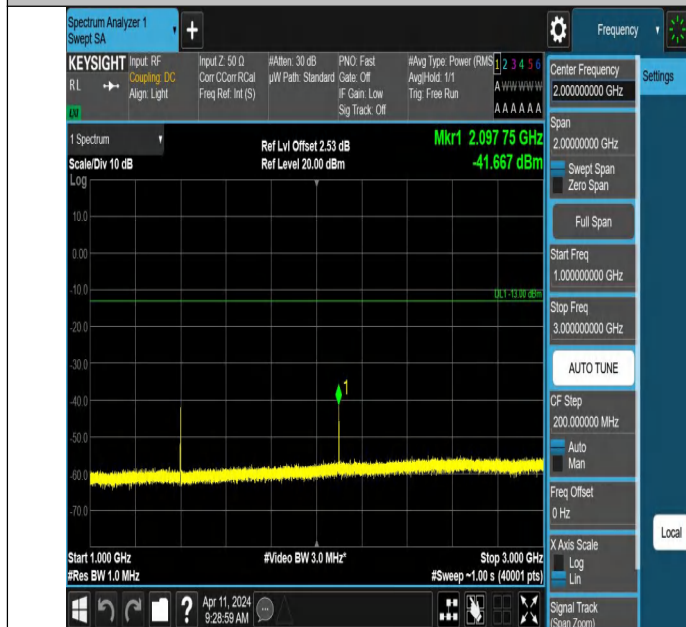
0



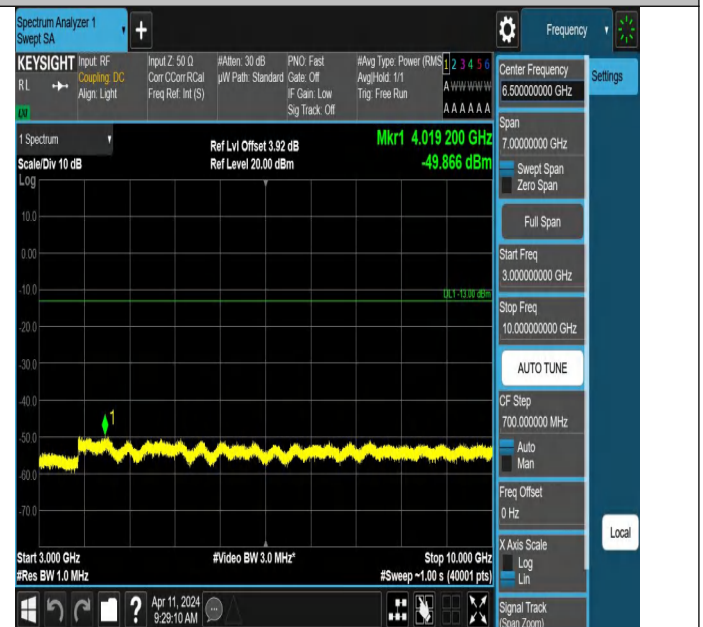
Band12_3MHz_QPSK_23025_1RB#0_0.15~30_0.15~30



Band12_3MHz_QPSK_23025_1RB#0_30~1000_30~1000



Band12_3MHz_QPSK_23025_1RB#0_1000~3000_1000~3000



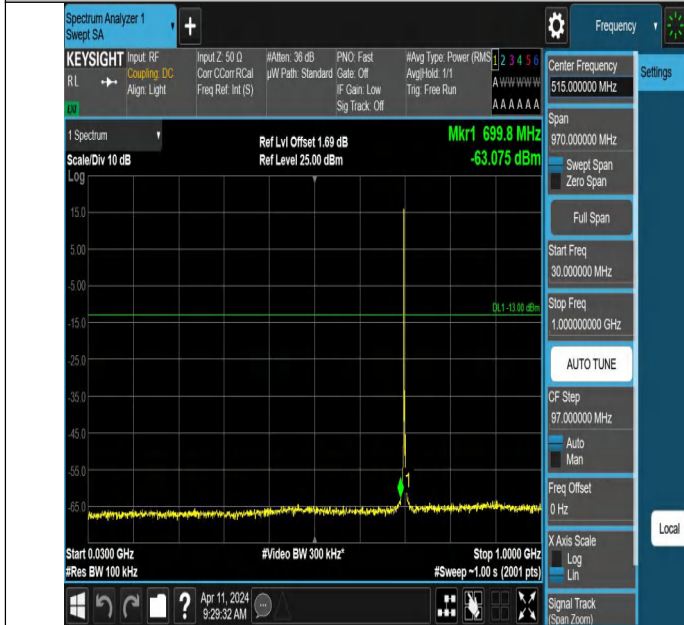
Band12_3MHz_QPSK_23025_1RB#0_3000~10000_3000~10000



Band12_3MHz_QPSK_23095_1RB#0_0.009~0.15_0.009~0.15



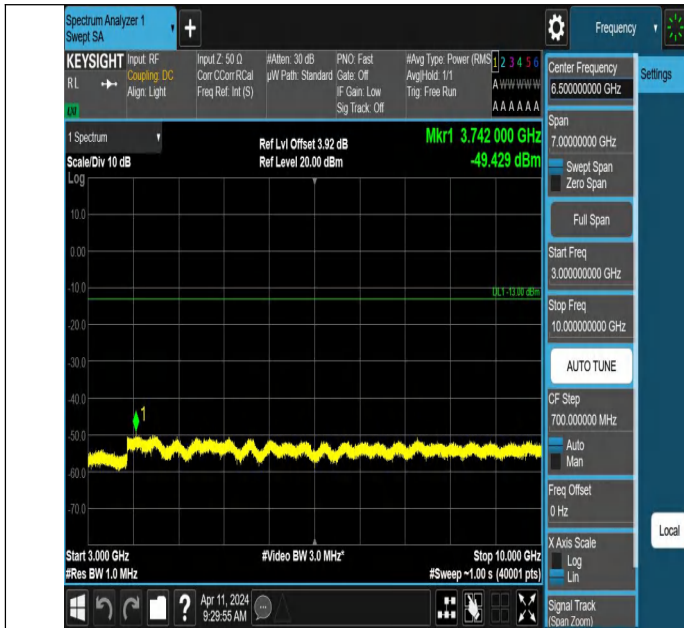
Band12_3MHz_QPSK_23095_1RB#0_0.15~30_0.15~30



Band12_3MHz_QPSK_23095_1RB#0_30~1000_30~1000



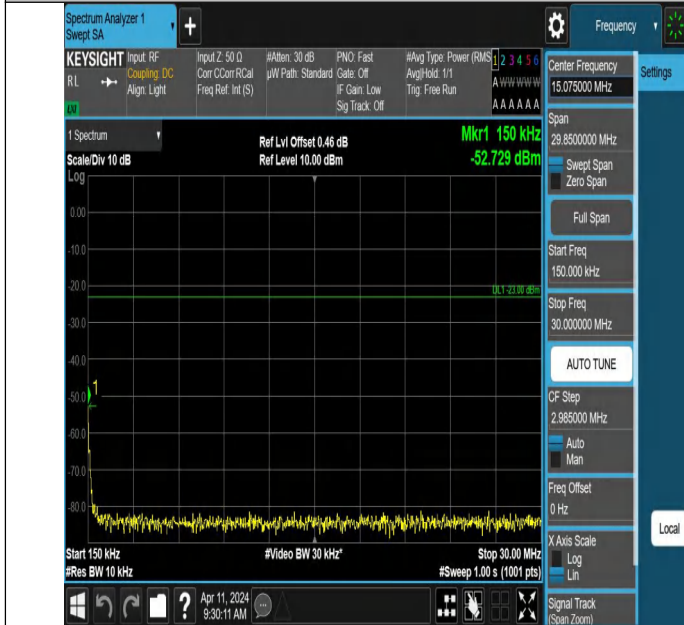
Band12_3MHz_QPSK_23095_1RB#0_1000~3000_1000~3000



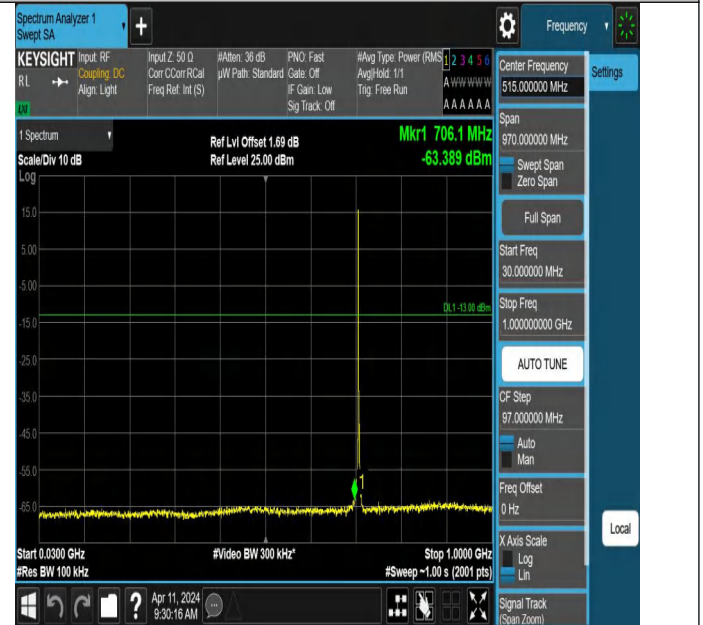
Band12_3MHz_QPSK_23095_1RB#0_3000~10000_3000~10000



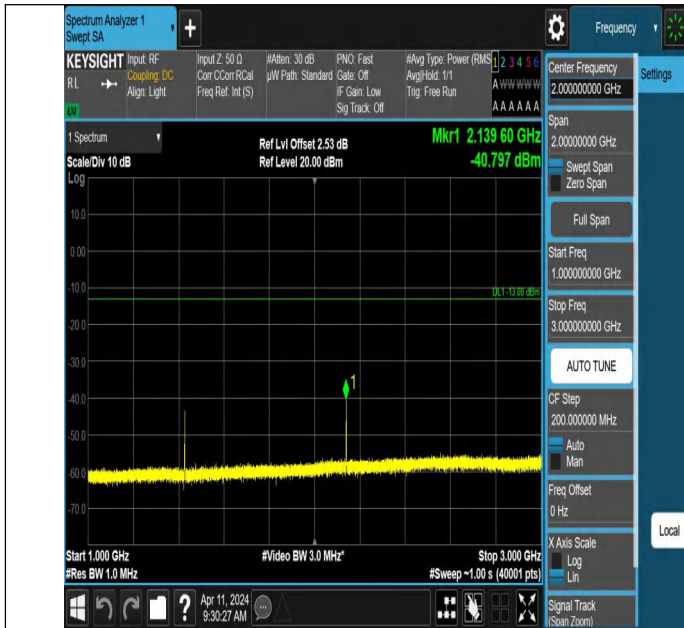
Band12_3MHz_QPSK_23165_1RB#0_0.009~0.15_0.009~0.15



Band12_3MHz_QPSK_23165_1RB#0_0.15~30_0.15~30



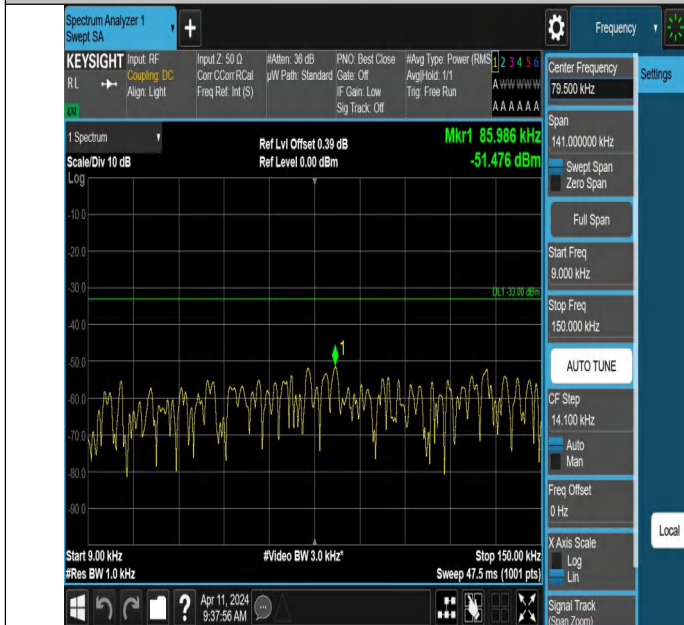
Band12_3MHz_QPSK_23165_1RB#0_30~1000_30~1000



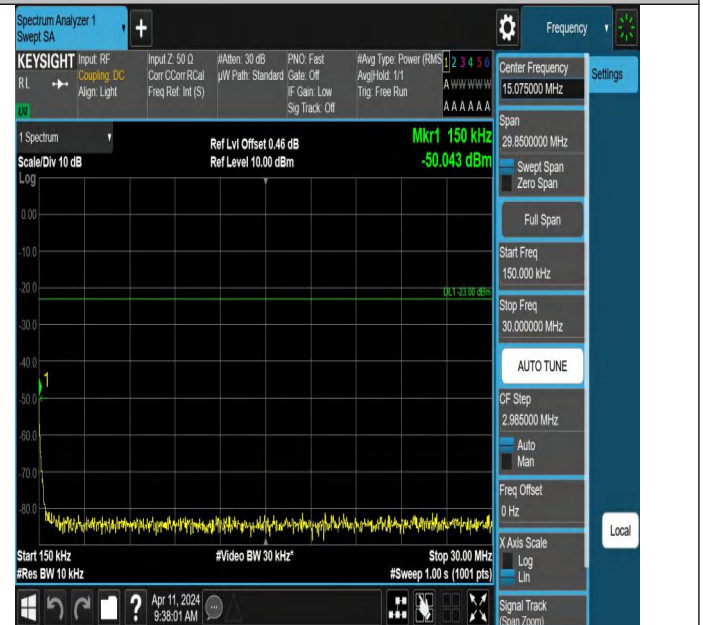
Band12_3MHz_QPSK_23165_1RB#0_1000~3000_1000~3000



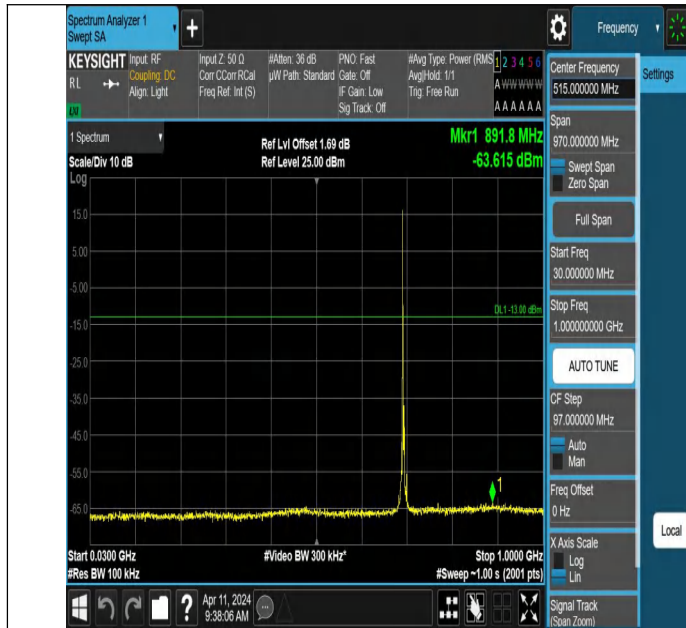
Band12_3MHz_QPSK_23165_1RB#0_3000~10000_3000~10000



Band12_5MHz_QPSK_23035_1RB#0_0.009~0.15_0.009~0.15



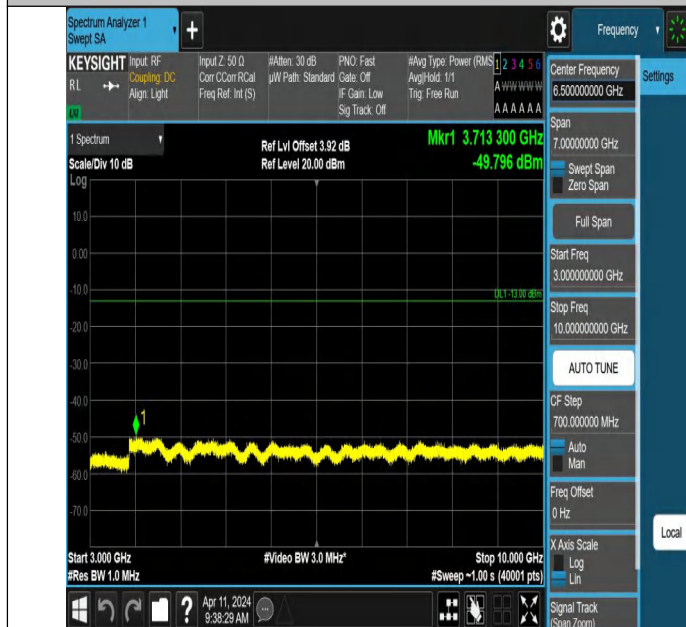
Band12_5MHz_QPSK_23035_1RB#0_0.15~30_0.15~30



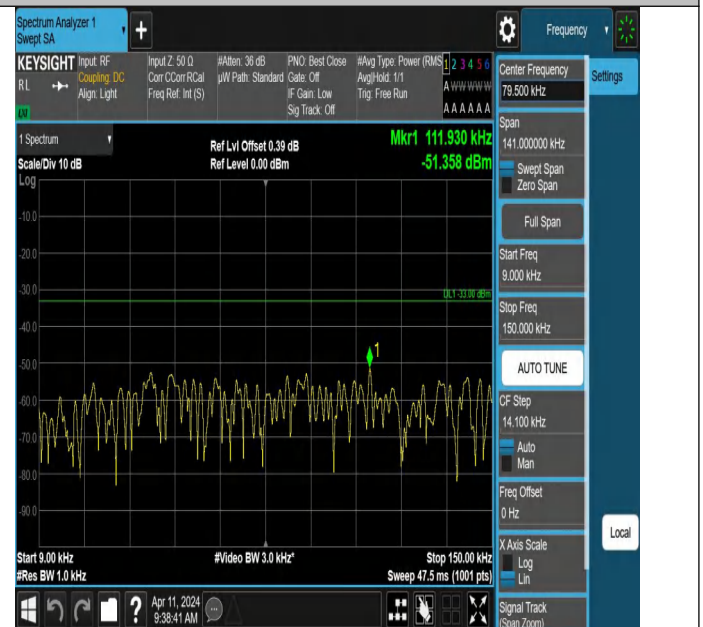
Band12_5MHz_QPSK_23035_1RB#0_30~1000_30~1000



Band12_5MHz_QPSK_23035_1RB#0_1000~3000_1000~3000



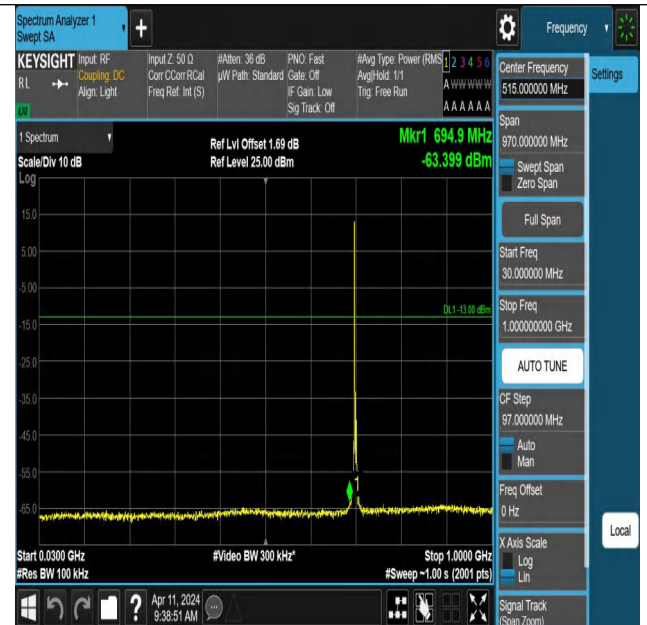
Band12_5MHz_QPSK_23035_1RB#0_3000~10000_3000~10000



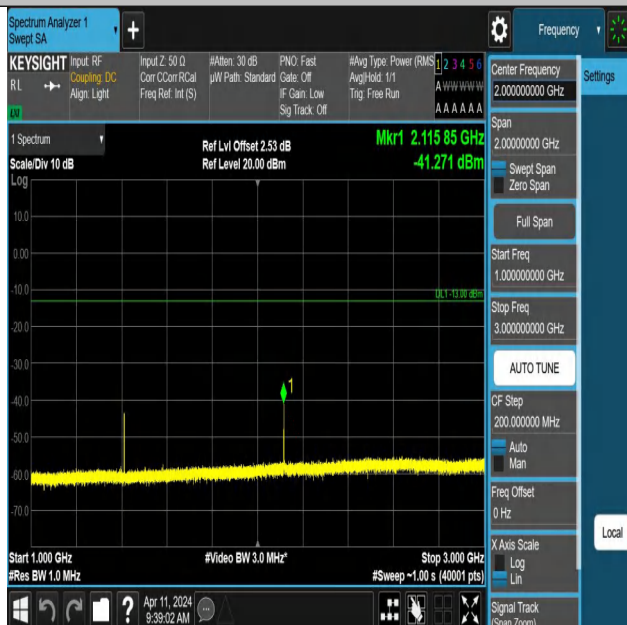
Band12_5MHz_QPSK_23095_1RB#0_0.009~0.15_0.009~0.15



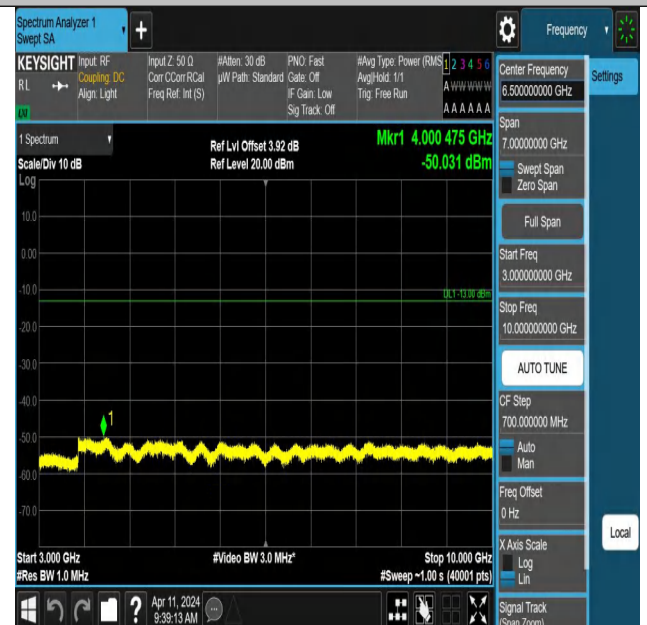
Band12_5MHz_QPSK_23095_1RB#0_0.15~30_0.15~30



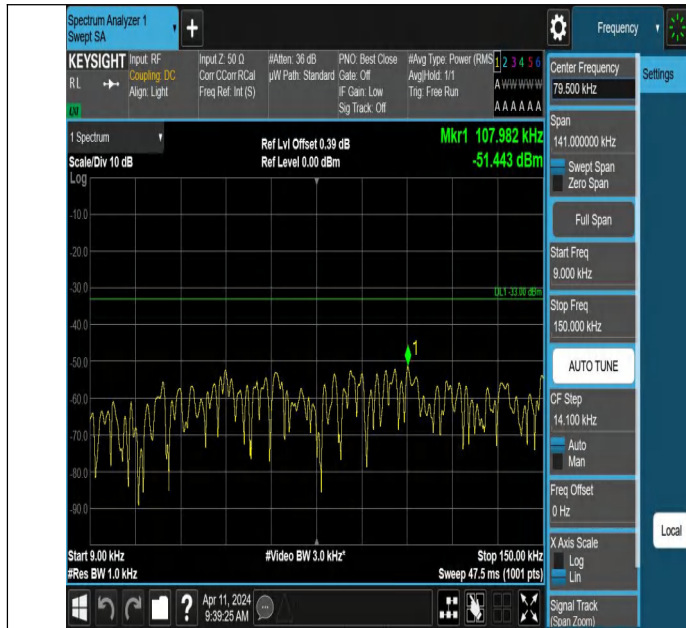
Band12_5MHz_QPSK_23095_1RB#0_30~1000_30~1000



Band12_5MHz_QPSK_23095_1RB#0_1000~3000_1000~3000



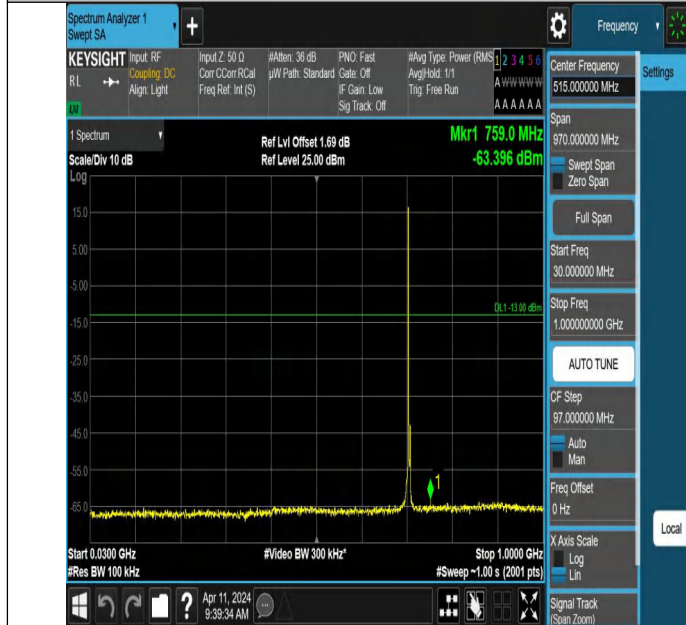
Band12_5MHz_QPSK_23095_1RB#0_3000~10000_3000~10000



Band12_5MHz_QPSK_23155_1RB#0_0.009~0.15_0.009~0.15



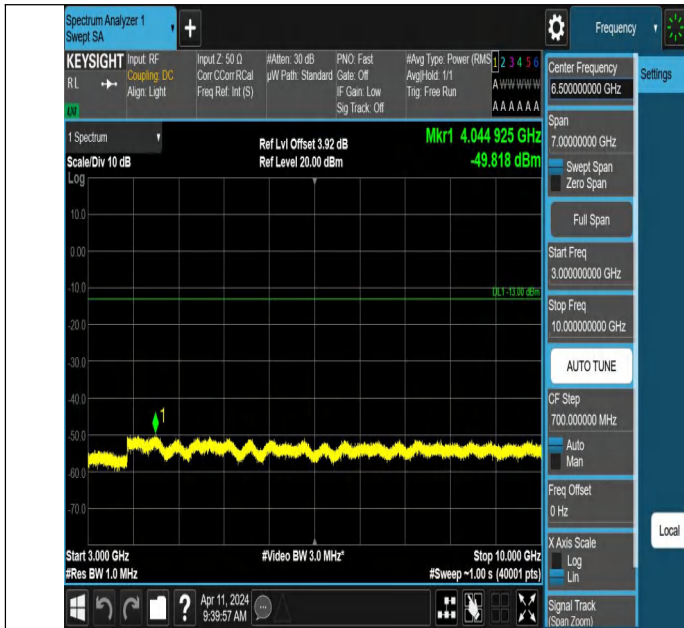
Band12_5MHz_QPSK_23155_1RB#0_0.15~30_0.15~30



Band12_5MHz_QPSK_23155_1RB#0_30~1000_30~1000



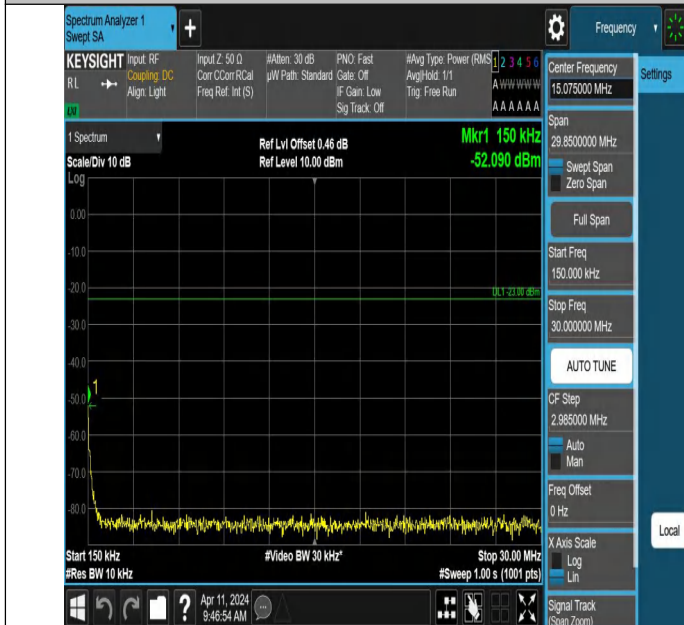
Band12_5MHz_QPSK_23155_1RB#0_1000~3000_1000~3000



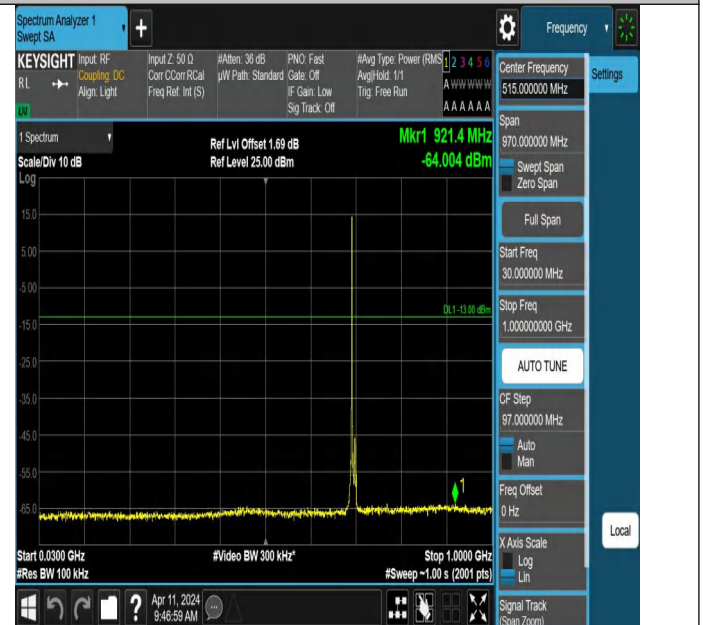
Band12_5MHz_QPSK_23155_1RB#0_3000~10000_3000~10000



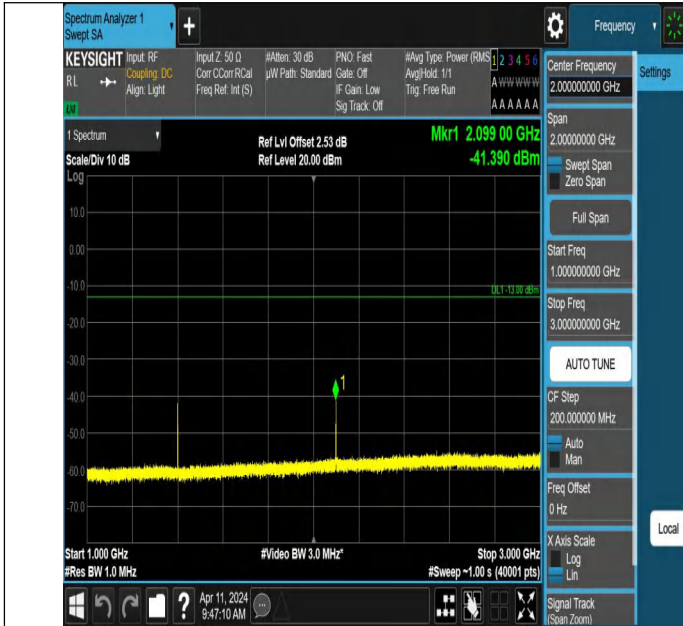
Band12_10MHz_QPSK_23060_1RB#0_0.009~0.15_0.009~0.15



Band12_10MHz_QPSK_23060_1RB#0_0.15~30_0.15~30



Band12_10MHz_QPSK_23060_1RB#0_30~1000_30~1000

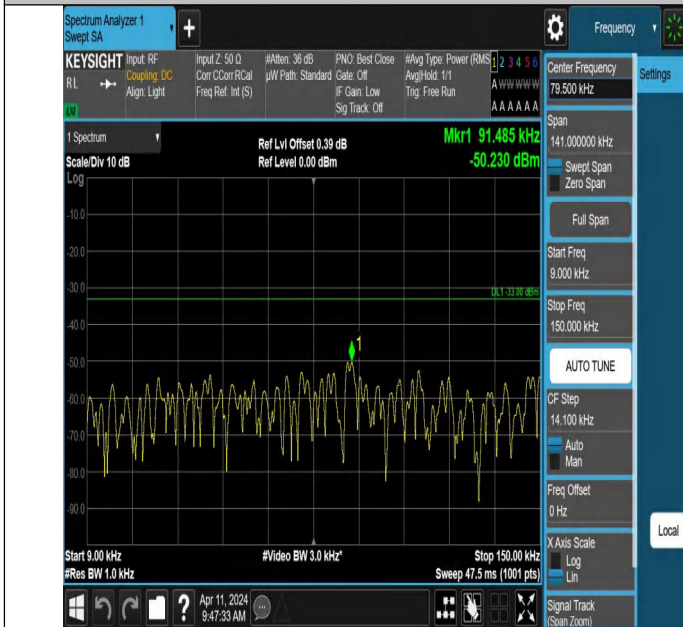


Band12_10MHz_QPSK_23060_1RB#0_1000~3000_1000~3000

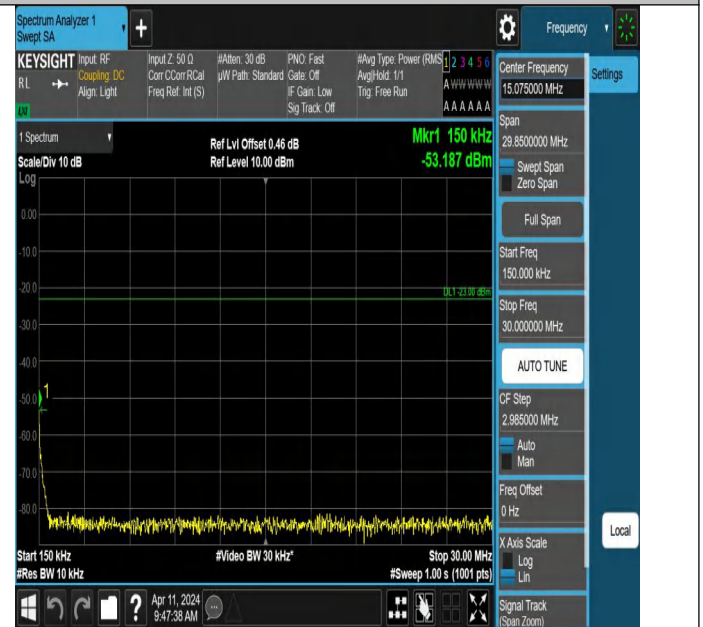


Band12_10MHz_QPSK_23060_1RB#0_3000~10000_3000~1000

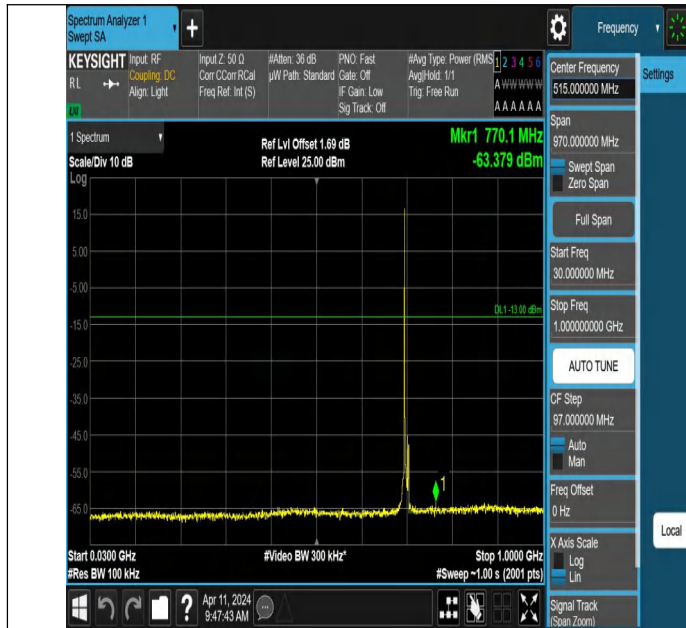
0



Band12_10MHz_QPSK_23095_1RB#0_0.009~0.15_0.009~0.15



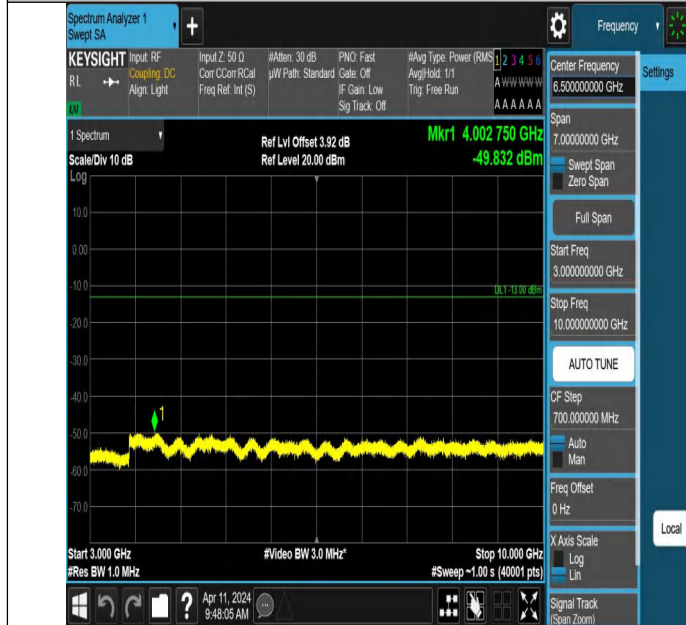
Band12_10MHz_QPSK_23095_1RB#0_0.15~30_0.15~30



Band12_10MHz_QPSK_23095_1RB#0_30~1000_30~1000



Band12_10MHz_QPSK_23095_1RB#0_1000~3000_1000~3000

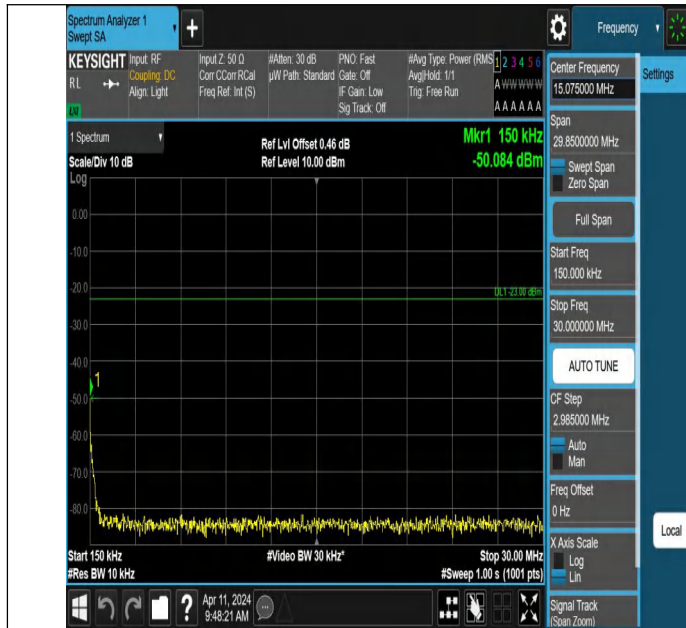


Band12_10MHz_QPSK_23095_1RB#0_3000~10000_3000~1000

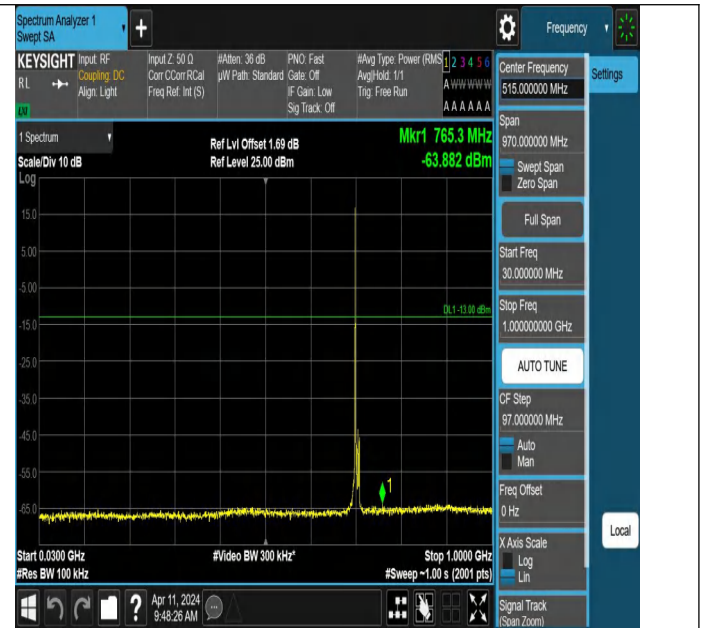


Band12_10MHz_QPSK_23130_1RB#0_0.009~0.15_0.009~0.15

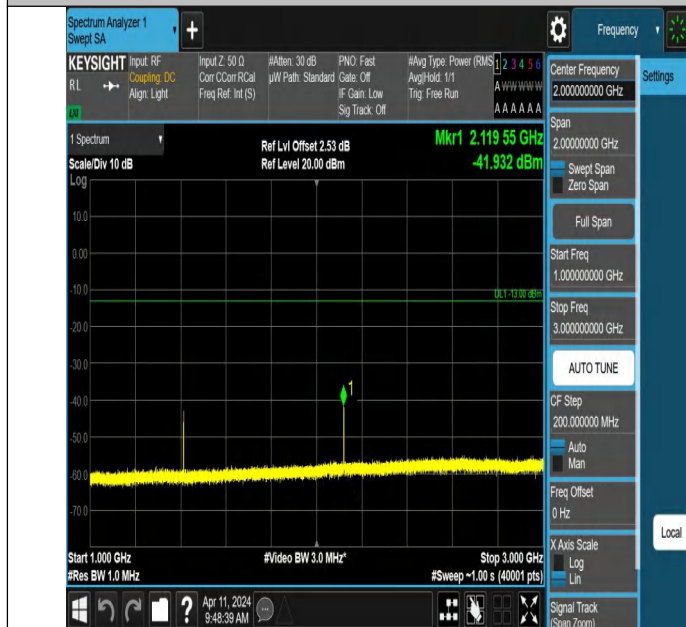
0



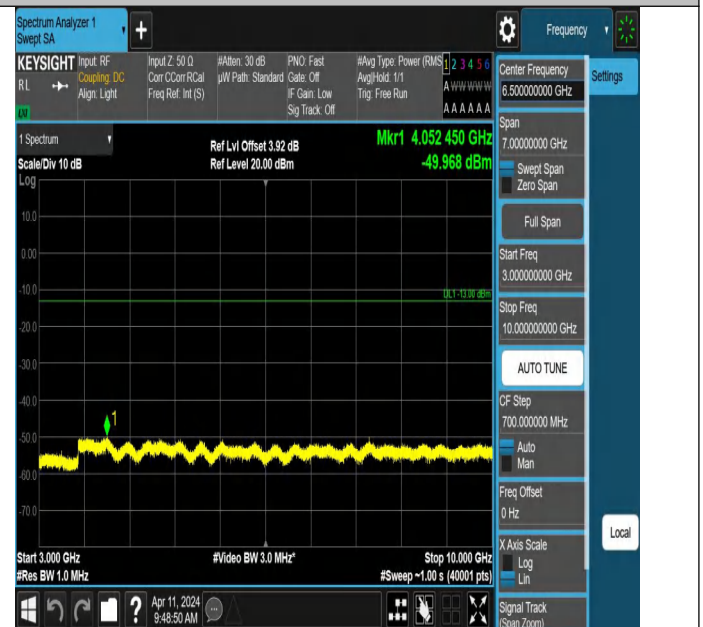
Band12_10MHz_QPSK_23130_1RB#0_0.15~30_0.15~30



Band12_10MHz_QPSK_23130_1RB#0_30~1000_30~1000



Band12_10MHz_QPSK_23130_1RB#0_1000~3000_1000~3000



Band12_10MHz_QPSK_23130_1RB#0_3000~10000_3000~1000

0

Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-1.61	-0.002276	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	1.61	0.002276	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	3.06	0.004325	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-3.81	-0.005385	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-5.83	-0.008240	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	-5.66	-0.008000	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-1.62	-0.002290	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-3.53	-0.004989	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-1.33	-0.001880	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	2.77	0.003915	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-6.19	-0.008749	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	1.29	0.001823	±2.5	PASS