

Effective (Isotropic) Radiated Power Output Data

Test Result

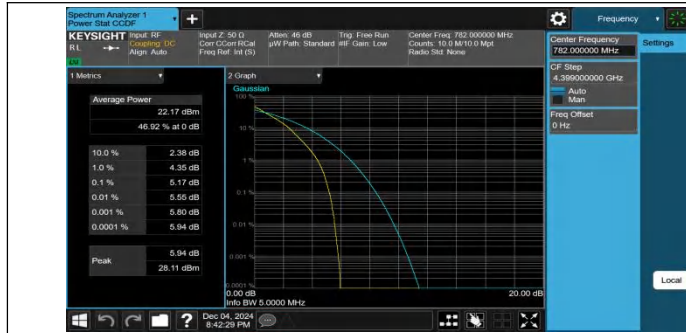
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain (dBi)	EIRP/ERP (dBm)	Limit (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	22.88	1.5	22.23	34.8	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.41	1.5	21.76	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.08	1.5	22.43	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#24	22.85	1.5	22.2	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.06	1.5	22.41	34.8	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.48	1.5	21.83	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.33	1.5	22.68	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#24	22.98	1.5	22.33	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.07	1.5	22.42	34.8	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.41	1.5	21.76	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.16	1.5	22.51	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.09	1.5	22.44	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.32	1.5	21.67	34.8	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.44	1.5	20.79	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.79	1.5	22.14	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.22	1.5	21.57	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.45	1.5	21.8	34.8	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.48	1.5	20.83	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.14	1.5	21.49	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.4	1.5	21.75	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.41	1.5	21.76	34.8	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.4	1.5	20.75	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.79	1.5	22.14	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.47	1.5	21.82	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#0	22.92	1.5	22.27	34.8	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.44	1.5	21.79	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.09	1.5	22.44	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#49	22.95	1.5	22.3	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.51	1.5	21.86	34.8	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.36	1.5	20.71	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.75	1.5	22.1	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.36	1.5	21.71	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	5.17	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.01	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.26	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.08	13	PASS

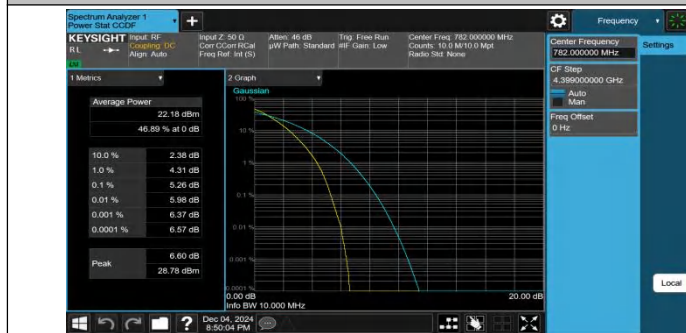
Test Graphs



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



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



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



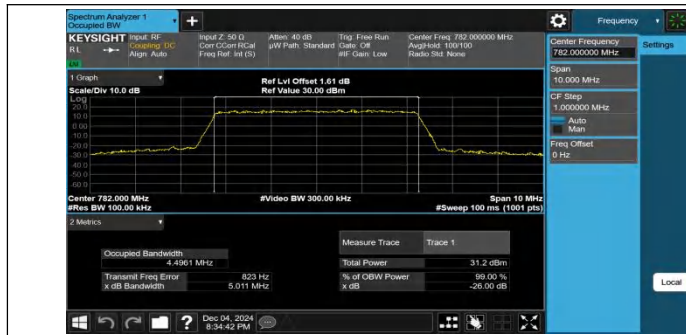
Band13-10MHz-16QAM-23230-50RB#0-PASS

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	4.4961	5.011	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.4944	4.969	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9527	9.848	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9450	9.867	PASS

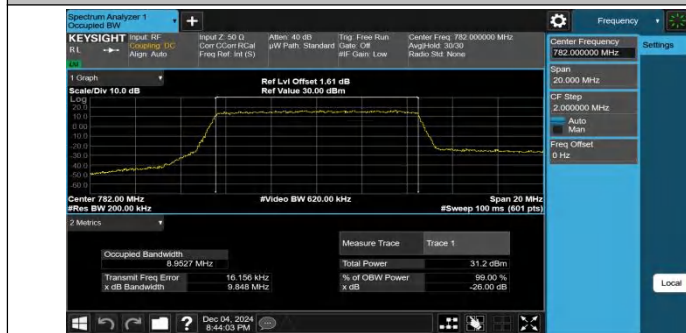
Test Graphs



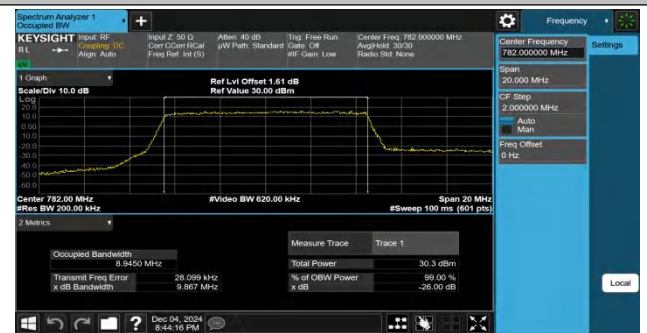
Band13-5MHz-QPSK-23230-25RB#0-PASS



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



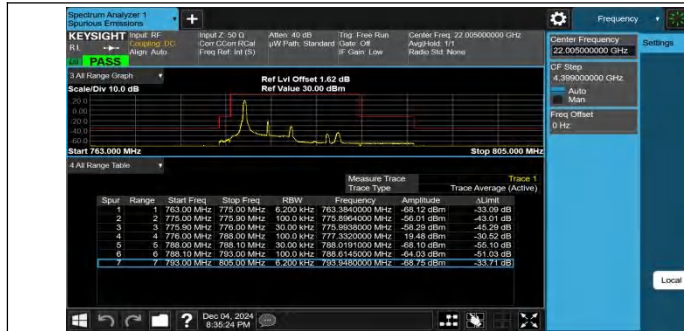
Band13-10MHz-QPSK-23230-50RB#0-PASS



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

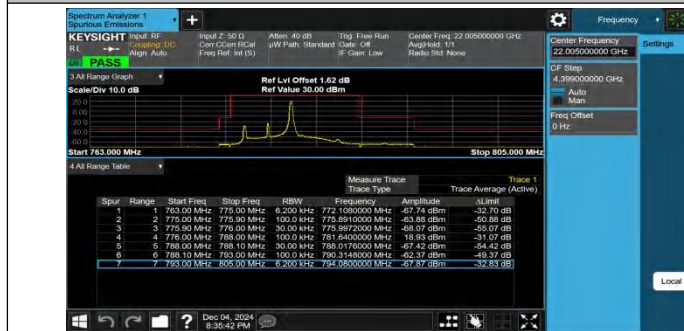
Band Edge

Test Graphs



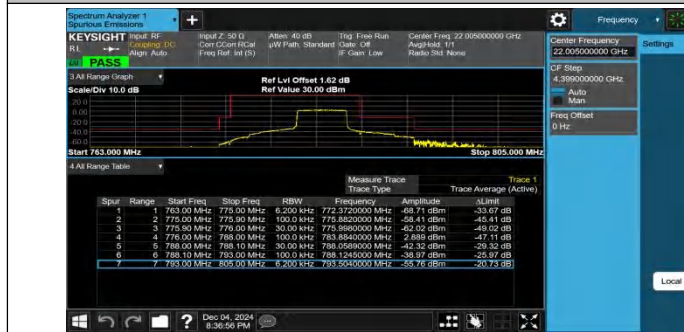
Band13-5MHz-QPSK-23205-1RB#0-PASS

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



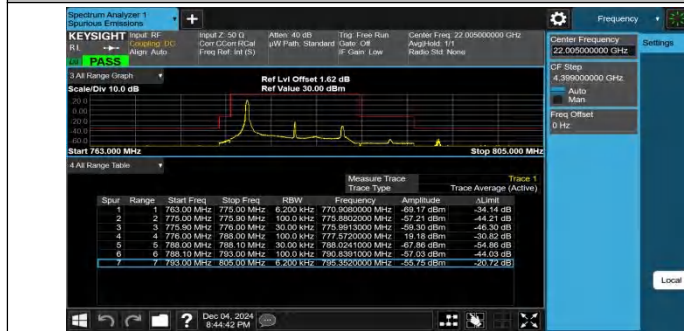
Band13-5MHz-QPSK-23205-1RB#24-PASS

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



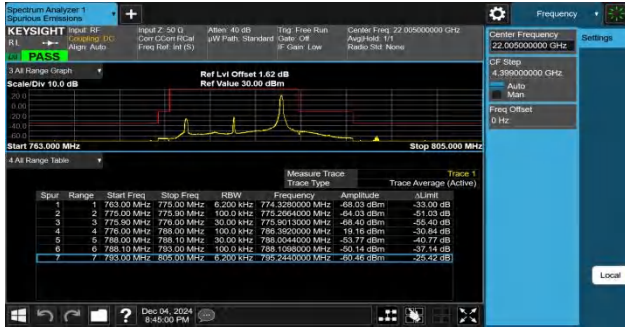
Band13-5MHz-QPSK-23255-25RB#0-PASS

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



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

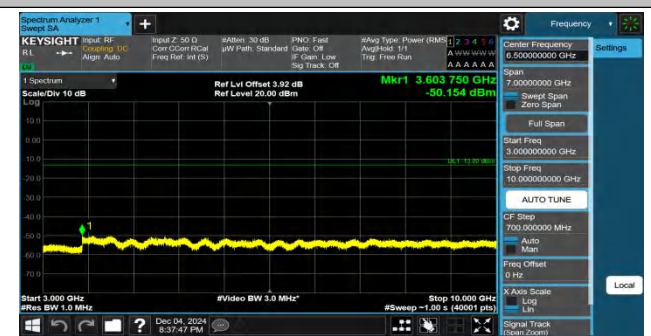
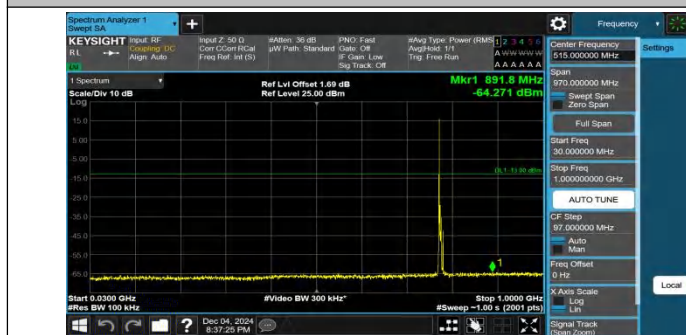
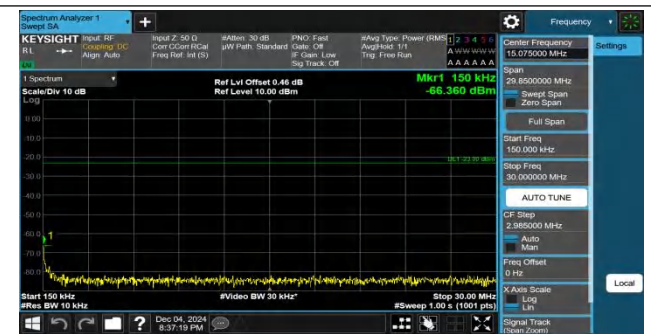
Band13-10MHz-QPSK-23230-50RB#0-PASS

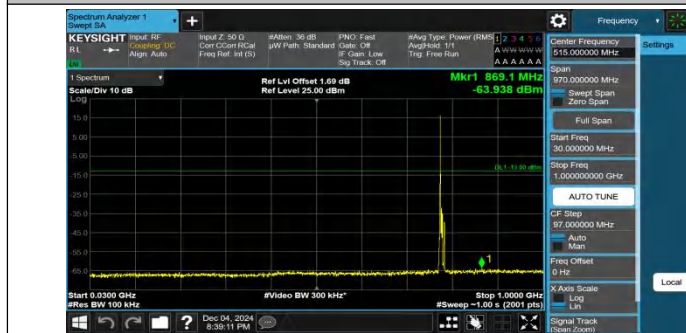
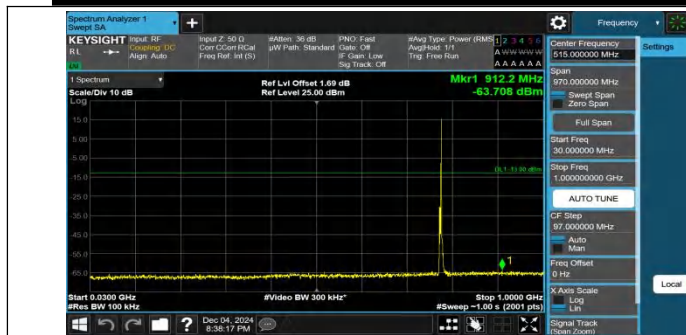


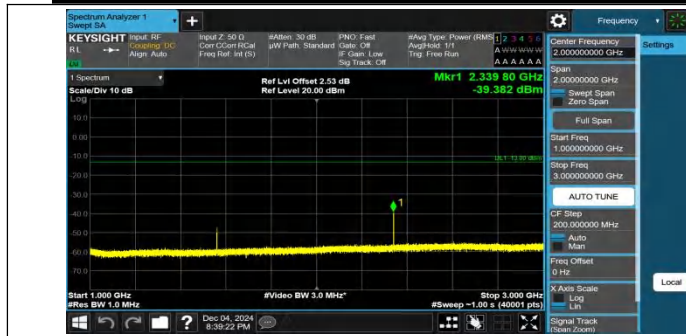
Band13-10MHz-QPSK-23230-1RB#49-PASS

Conducted Spurious Emission

Test Graphs







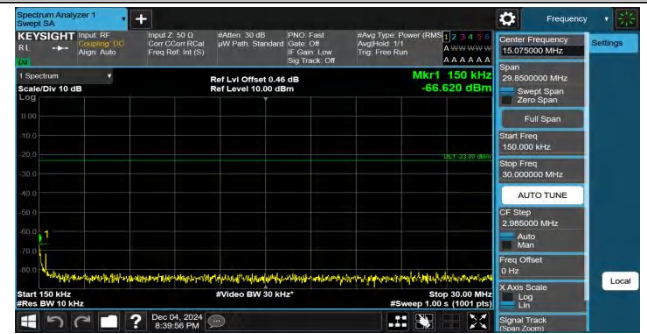
Band13-5MHz-QPSK-23230-1RB#0-1000~3000-PASS



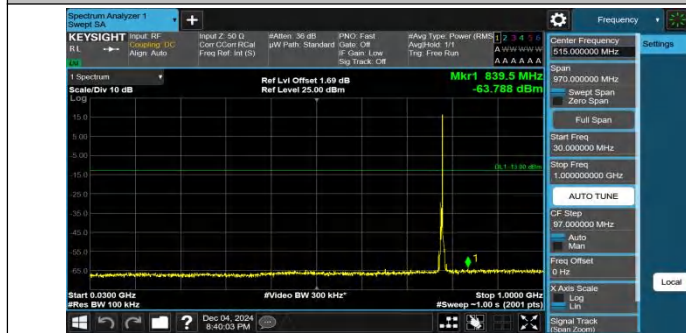
Band13-5MHz-QPSK-23230-1RB#0-3000~10000-PASS



Band13-5MHz-QPSK-23230-1RB#24-0.009~0.15-PASS



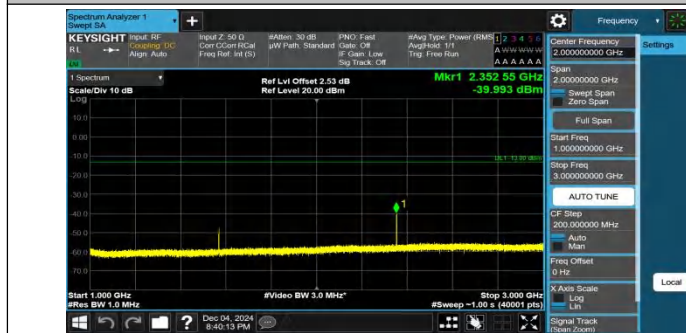
Band13-5MHz-QPSK-23230-1RB#24-0.15~30-PASS



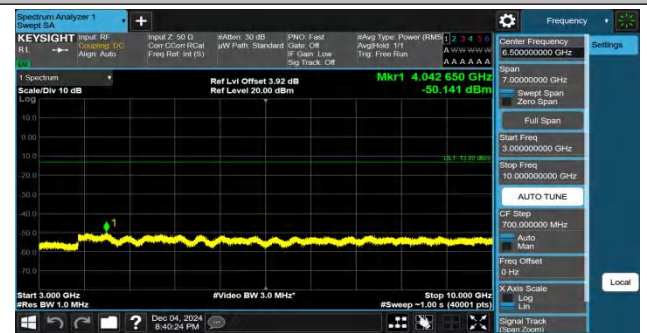
Band13-5MHz-QPSK-23230-1RB#24-30~1000-PASS



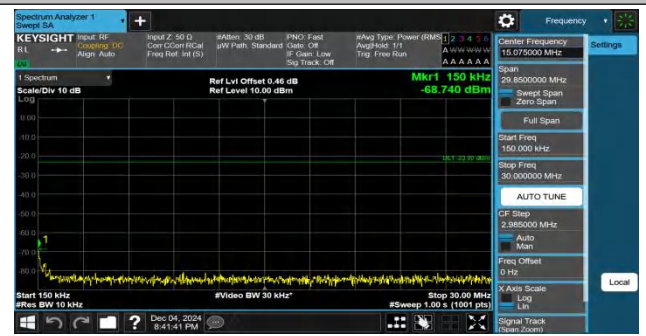
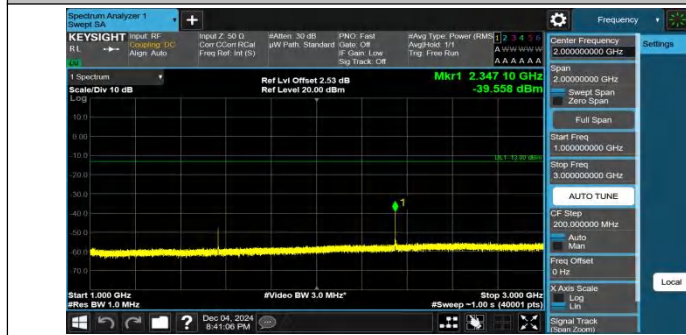
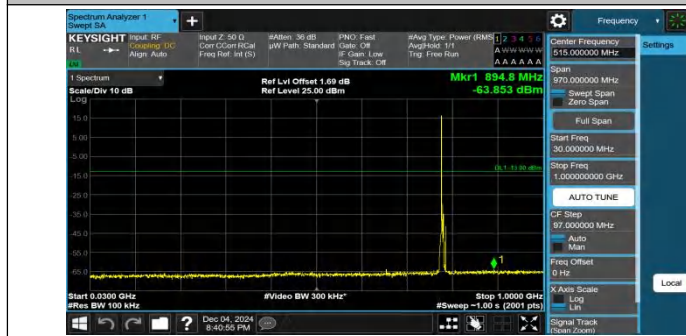
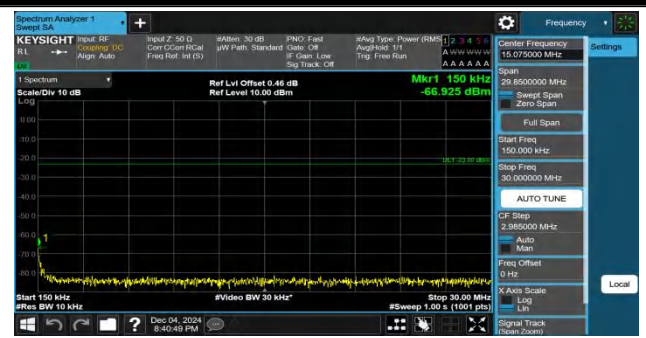
Band13-5MHz-QPSK-23230-1RB#24-1559~1610-PASS

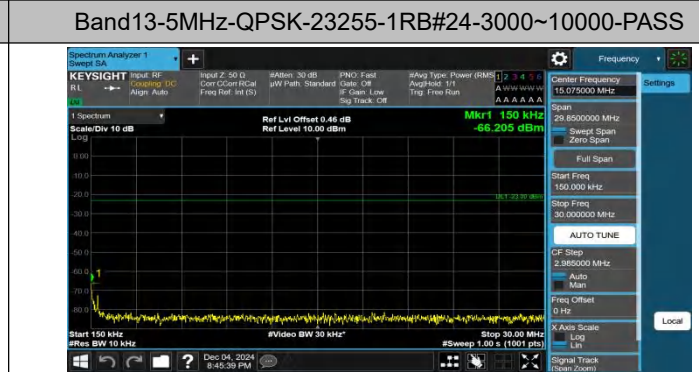
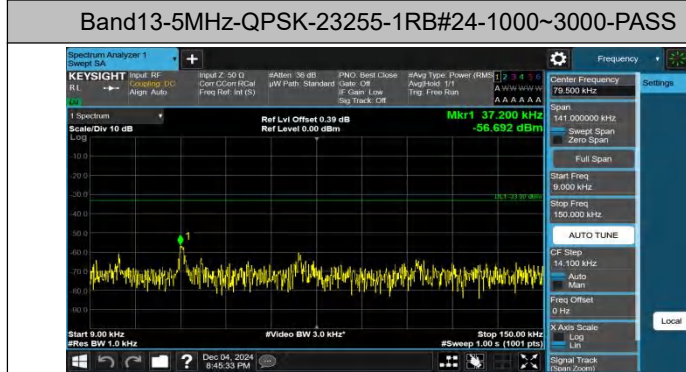
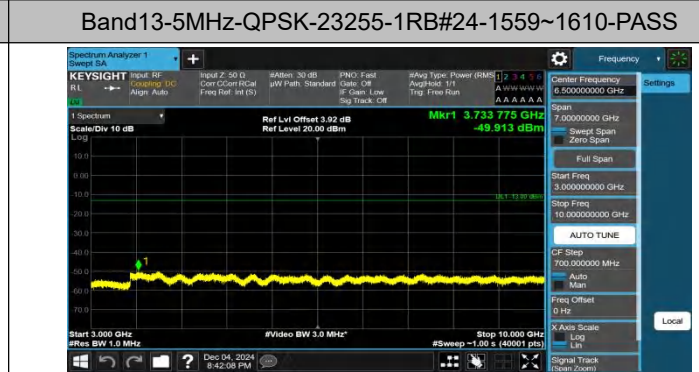
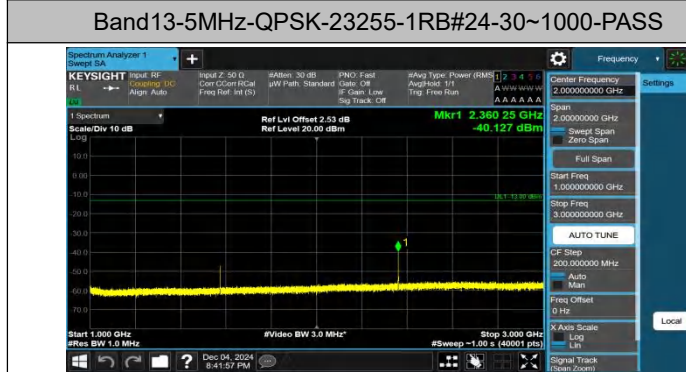
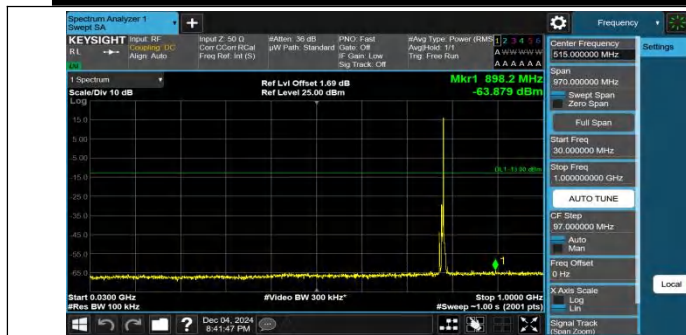


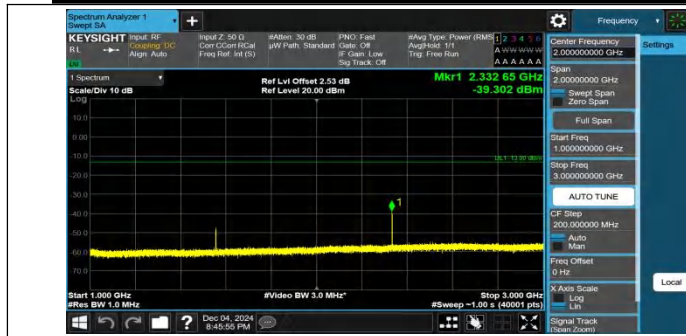
Band13-5MHz-QPSK-23230-1RB#24-1000~3000-PASS



Band13-5MHz-QPSK-23230-1RB#24-3000~10000-PASS







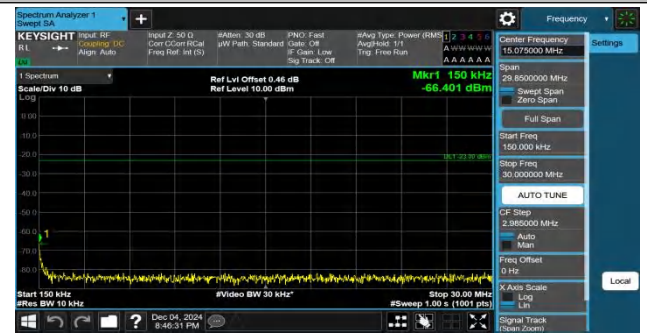
Band13-10MHz-QPSK-23230-1RB#0-1000~3000-PASS



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



Band13-10MHz-QPSK-23230-1RB#49-0.009~0.15-PASS



Band13-10MHz-QPSK-23230-1RB#49-0.15~30-PASS



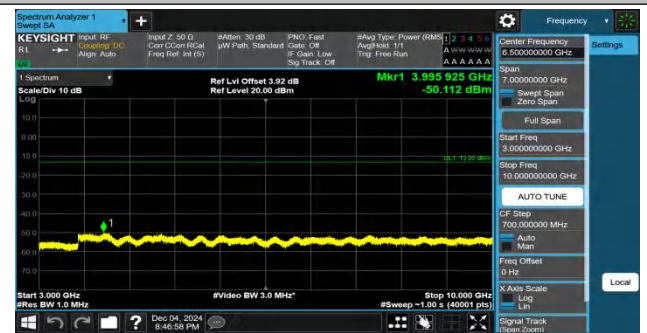
Band13-10MHz-QPSK-23230-1RB#49-30~1000-PASS



Band13-10MHz-QPSK-23230-1RB#49-1559~1610-PASS



Band13-10MHz-QPSK-23230-1RB#49-1000~3000-PASS



Band13-10MHz-QPSK-23230-1RB#49-3000~10000-PASS

Frequency Stability

Test Result

Voltage													
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band 13	10MHz	QPSK	23230	50RB#0	VN	NT	9930.00	12.698210	±NA	777.55068	786.46918	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	VL	NT	14730.00	18.836317	±NA	777.55658	786.47288	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	VH	NT	9050.00	11.572890	±NA	777.5485	786.4696	777-787	PASS

Temperature													
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band 13	10MHz	QPSK	23230	50RB#0	NV	-30	9530.00	12.186701	±NA	777.55178	786.46728	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	-20	12030.00	15.383632	±NA	777.55353	786.47053	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	-10	10800.00	13.810742	±NA	777.5522	786.4694	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	0	12940.00	16.547315	±NA	777.55294	786.47294	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	10	11810.00	15.102302	±NA	777.55286	786.47076	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	20	12010.00	15.358056	±NA	777.55631	786.46771	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	30	11690.00	14.948849	±NA	777.55174	786.47164	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	40	9610.00	12.289003	±NA	777.54991	786.46931	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	50	14410.00	18.427110	±NA	777.55711	786.47171	777-787	PASS

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