

Effective (Isotropic) Radiated Power Output Data

Test Result

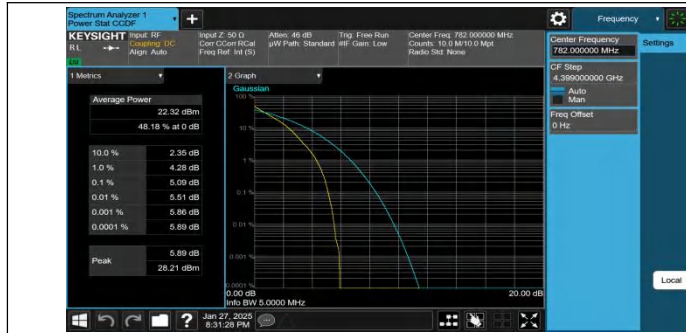
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain (dBi)	EIRP/ERP (dBm)	Limit (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23	4.45	25.3	34.8	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.44	4.45	24.74	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.06	4.45	25.36	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.38	4.45	25.68	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.11	4.45	25.41	34.8	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.56	4.45	24.86	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.15	4.45	25.45	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.29	4.45	25.59	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.23	4.45	25.53	34.8	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.54	4.45	24.84	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.3	4.45	25.6	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.35	4.45	25.65	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.24	4.45	24.54	34.8	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.39	4.45	23.69	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.45	4.45	24.75	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#24	23.03	4.45	25.33	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.42	4.45	24.72	34.8	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.67	4.45	23.97	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.57	4.45	24.87	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.64	4.45	24.94	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.41	4.45	24.71	34.8	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.62	4.45	23.92	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.63	4.45	24.93	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.54	4.45	24.84	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.03	4.45	25.33	34.8	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.49	4.45	24.79	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.18	4.45	25.48	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.21	4.45	25.51	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.22	4.45	24.52	34.8	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.56	4.45	23.86	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.84	4.45	25.14	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.58	4.45	24.88	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	16QAM	23230	25RB#0	5.88	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.11	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.89	13	PASS

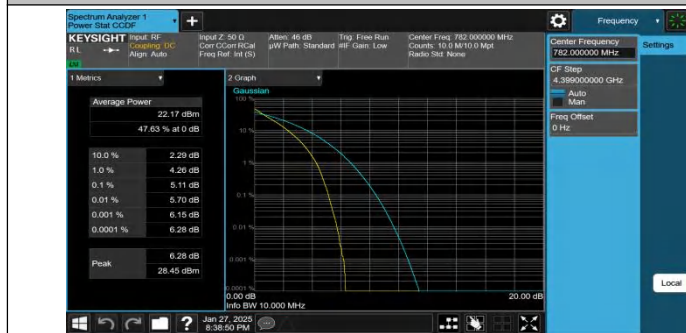
Test Graphs



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



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



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



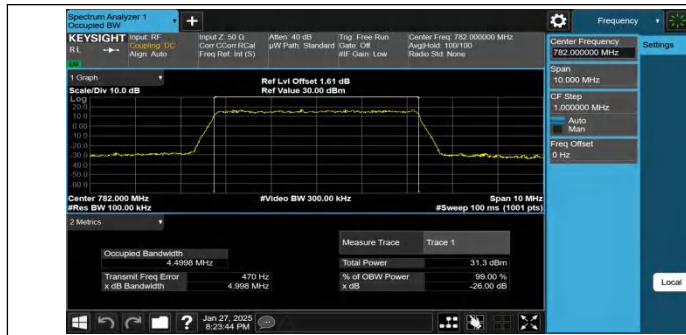
Band13-10MHz-16QAM-23230-50RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

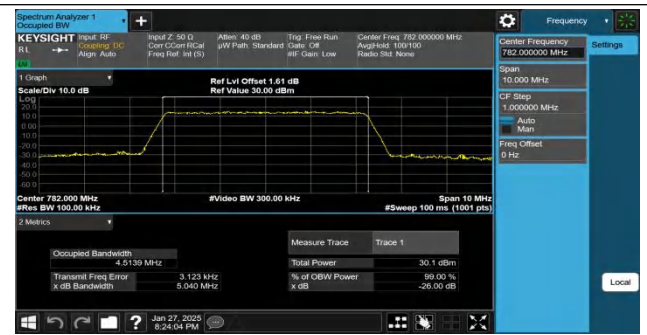
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	4.4998	4.998	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5139	5.040	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9836	9.978	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9992	9.886	PASS

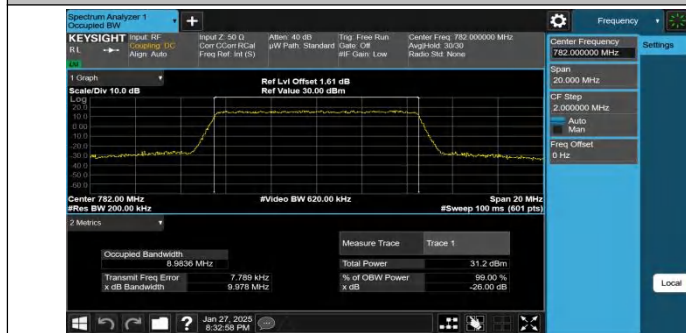
Test Graphs



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



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



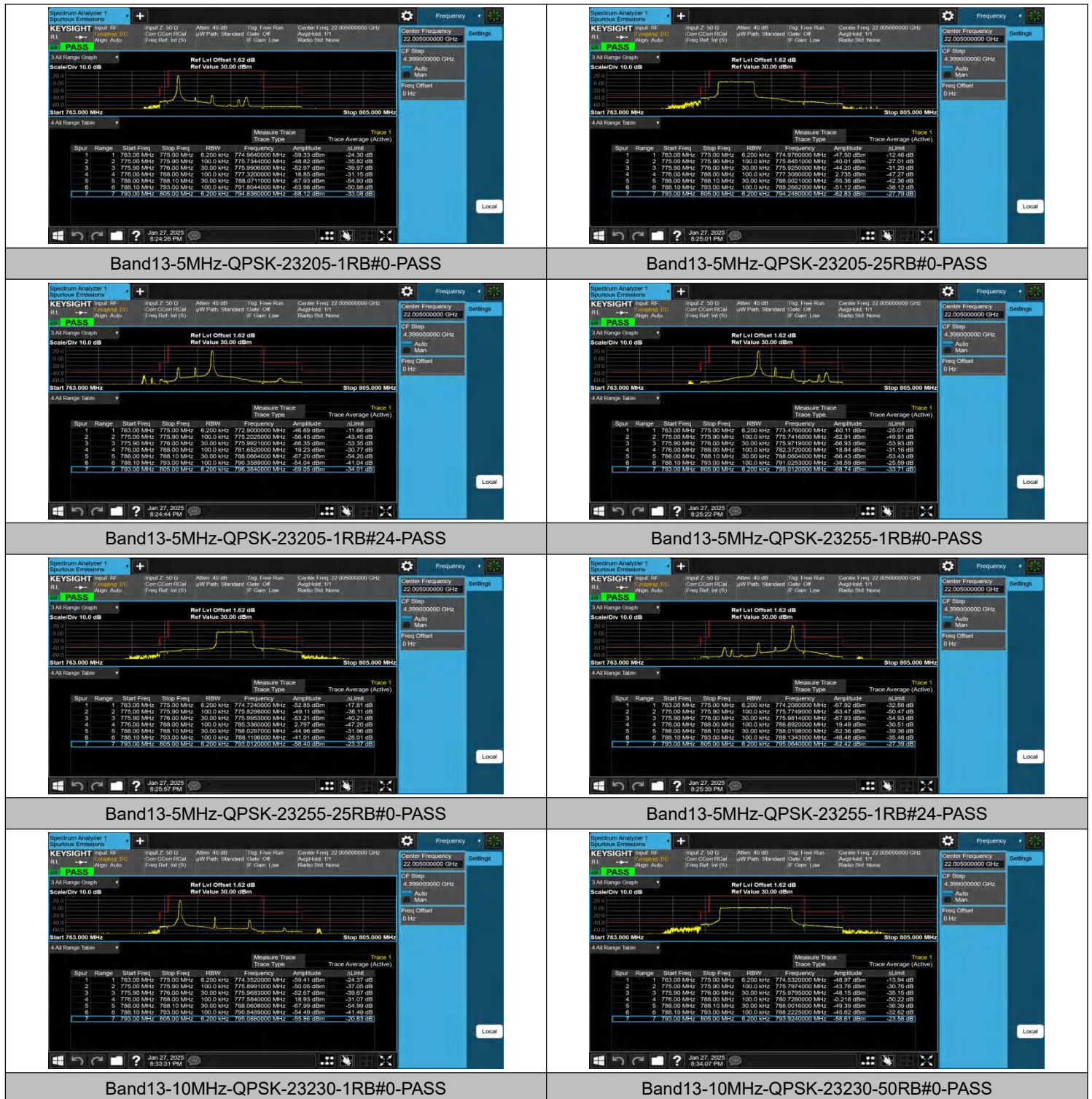
Band13-10MHz-QPSK-23230-50RB#0-PASS

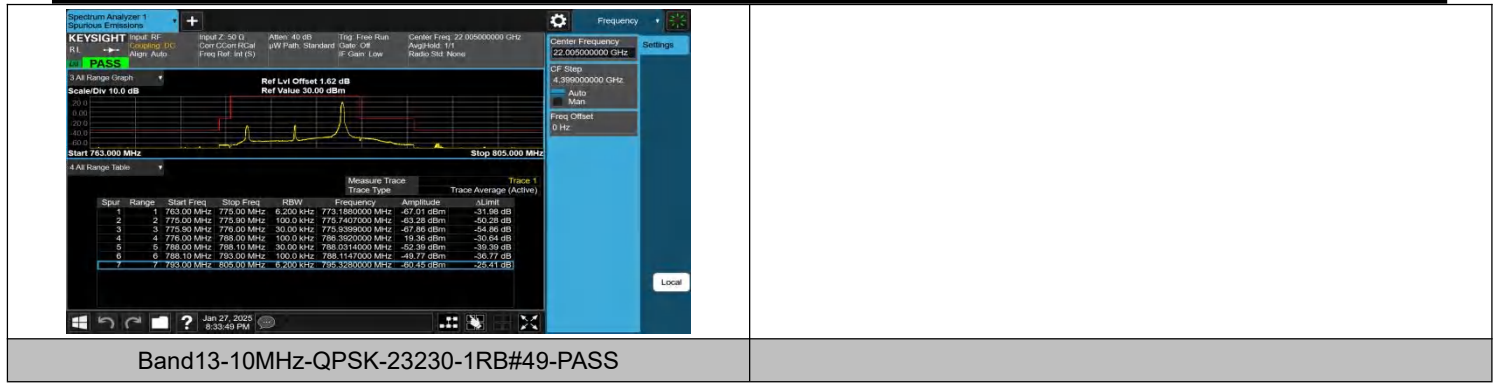


Band13-10MHz-16QAM-23230-50RB#0-PASS

Band Edge

Test Graphs

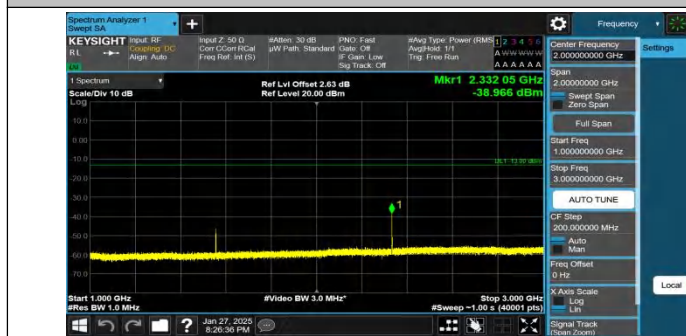
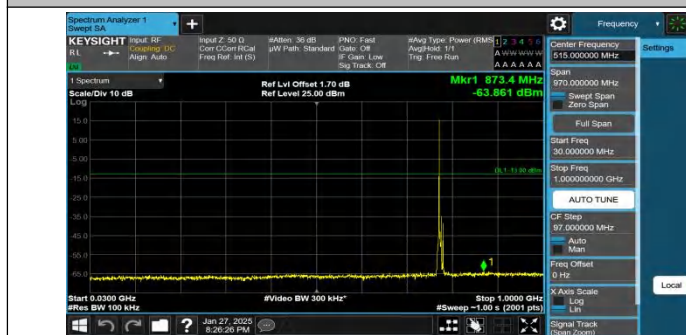
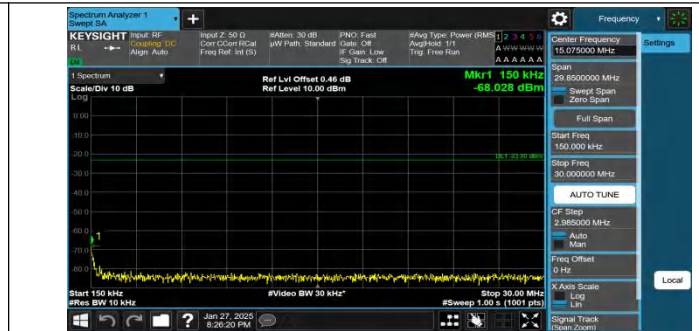


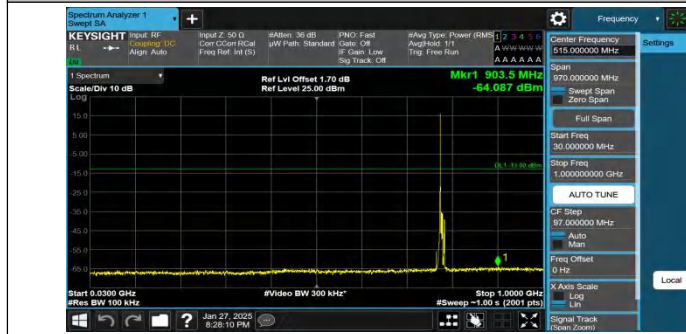
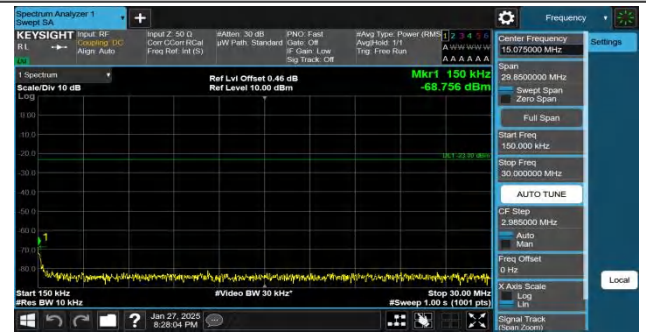
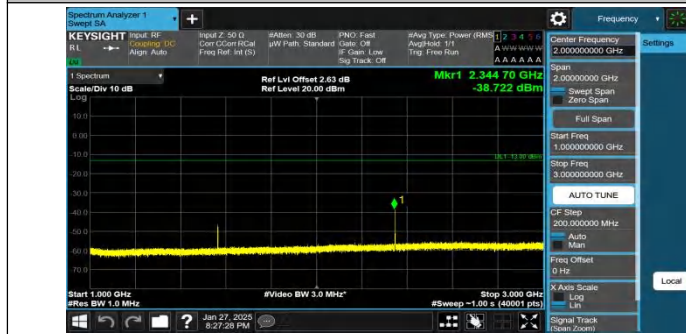
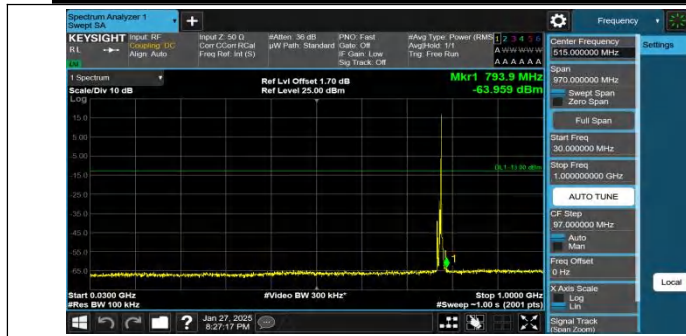


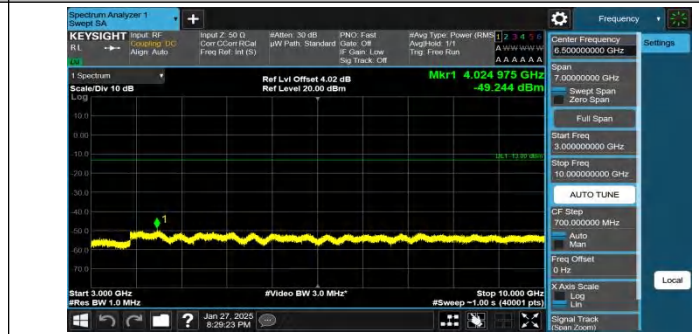
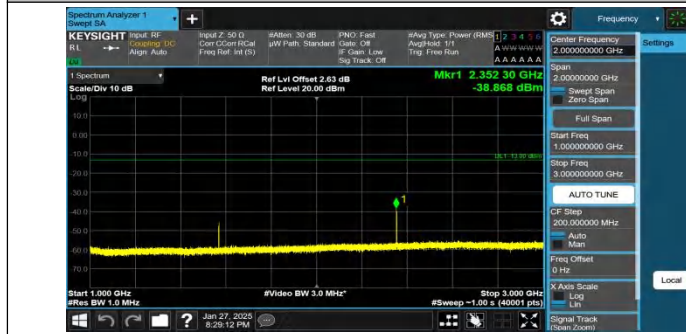
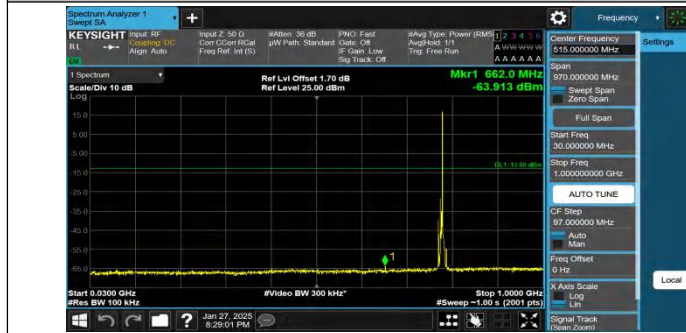
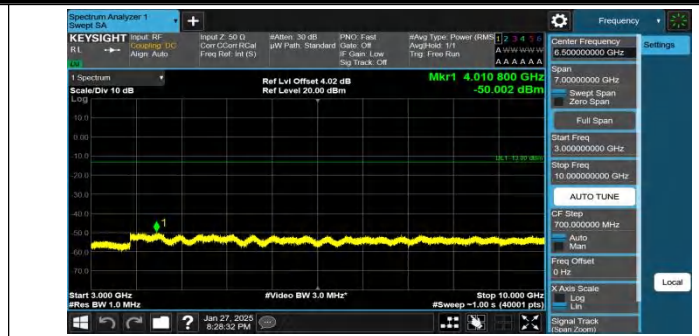
Band13-10MHz-QPSK-23230-1RB#49-PASS

Conducted Spurious Emission

Test Graphs

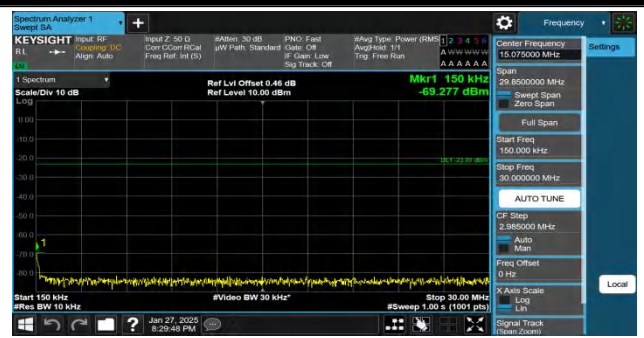




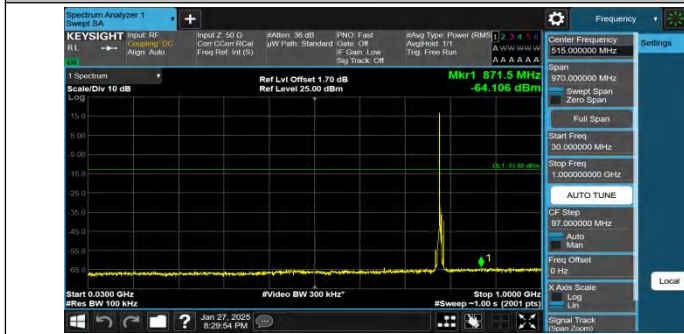




Band13-5MHz-QPSK-23255-1RB#0-0.009~0.15-PASS



Band13-5MHz-QPSK-23255-1RB#0-0.15~30-PASS



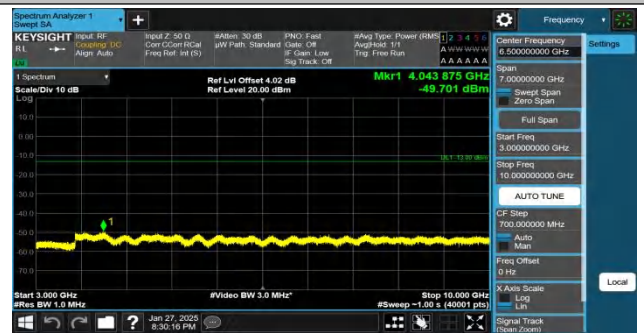
Band13-5MHz-QPSK-23255-1RB#0-30~1000-PASS



Band13-5MHz-QPSK-23255-1RB#0-1559~1610-PASS



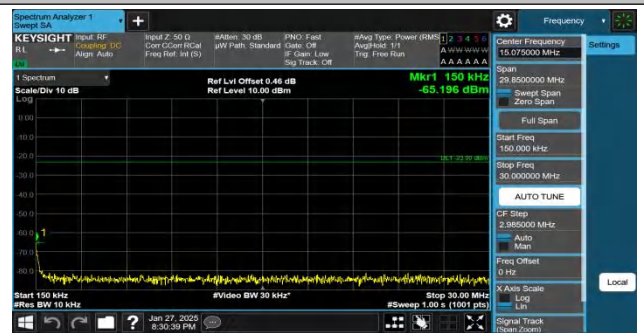
Band13-5MHz-QPSK-23255-1RB#0-1000~3000-PASS



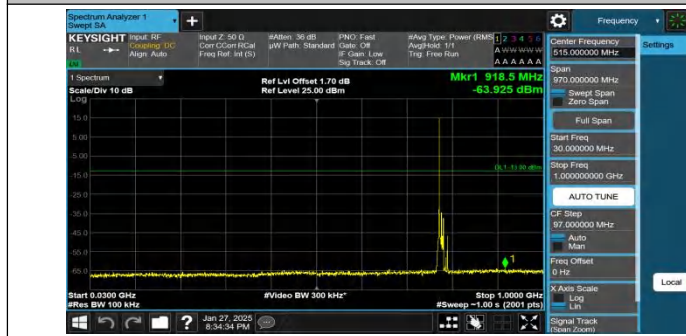
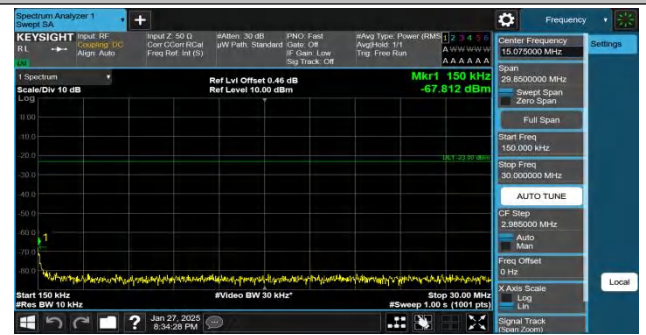
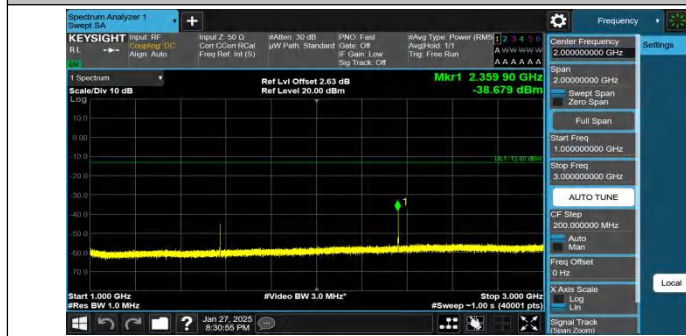
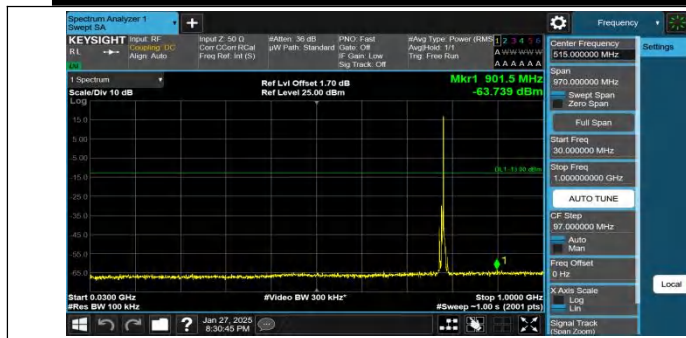
Band13-5MHz-QPSK-23255-1RB#0-3000~10000-PASS



Band13-5MHz-QPSK-23255-1RB#24-0.009~0.15-PASS



Band13-5MHz-QPSK-23255-1RB#24-0.15~30-PASS





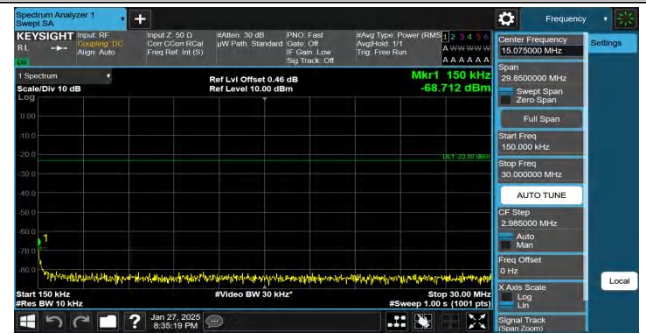
Band13-10MHz-QPSK-23230-1RB#0-1000~3000-PASS



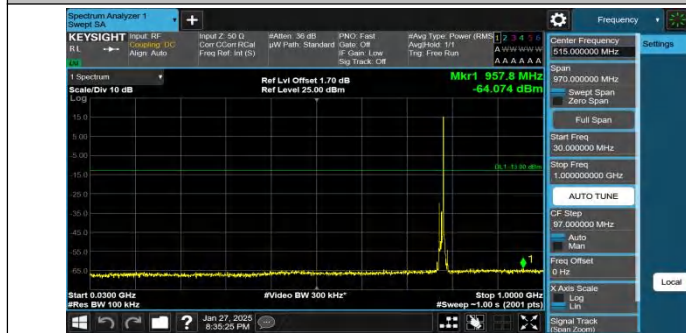
Band13-10MHz-QPSK-23230-1RB#0-3000~10000-PASS



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



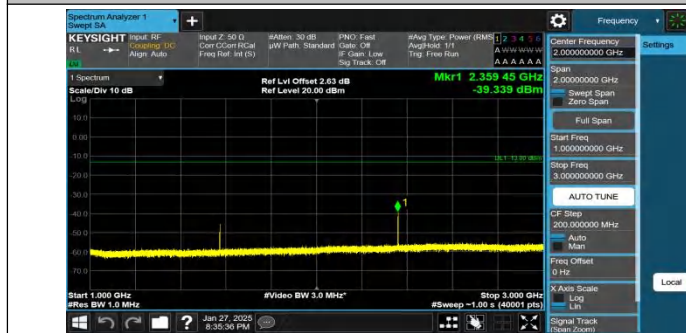
Band13-10MHz-QPSK-23230-1RB#49-0.15~30-PASS



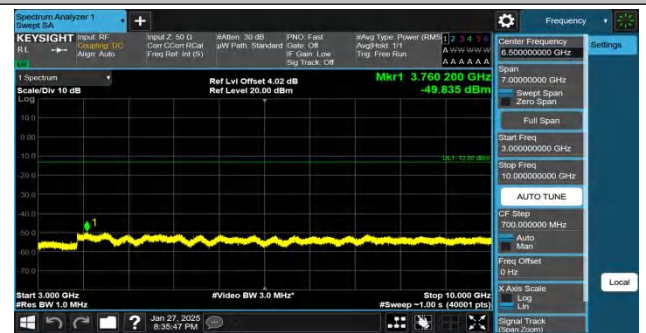
Band13-10MHz-QPSK-23230-1RB#49-30~1000-PASS



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	-1620.00	-2.071611	±NA	777.53033	786.46643	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	VL	NT	1250.00	1.598465	±NA	777.53305	786.46945	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	VH	NT	470.00	0.601023	±NA	777.53442	786.46652	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	440.00	0.562660	±NA	777.53299	786.46789	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	-20	-1010.00	-1.291560	±NA	777.53029	786.46769	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	-10	-3660.00	-4.680307	±NA	777.52774	786.46494	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	0	330.00	0.421995	±NA	777.52928	786.47138	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	10	2350.00	3.005115	±NA	777.5323	786.4724	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	20	-2040.00	-2.608696	±NA	777.52681	786.46911	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	30	1090.00	1.393862	±NA	777.53199	786.47019	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	40	-770.00	-0.984655	±NA	777.52993	786.46853	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	50	1740.00	2.225064	±NA	777.53499	786.46849	777-787	PASS

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