

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Gain (dBi)	E(I)RP(dBm)	Limit(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.13	-0.7	20.28	34.8	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.24	-0.7	19.39	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.49	-0.7	20.64	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.58	-0.7	20.73	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.13	-0.7	20.28	34.8	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.32	-0.7	19.47	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.44	-0.7	20.59	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.18	-0.7	20.33	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.19	-0.7	20.34	34.8	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.35	-0.7	19.5	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.26	-0.7	20.41	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.26	-0.7	20.41	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.23	-0.7	19.38	34.8	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.18	-0.7	18.33	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.30	-0.7	19.45	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.30	-0.7	19.45	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.17	-0.7	19.32	34.8	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.22	-0.7	18.37	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.40	-0.7	19.55	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.30	-0.7	19.45	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.05	-0.7	19.2	34.8	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.34	-0.7	18.49	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#12	21.83	-0.7	18.98	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.07	-0.7	19.22	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#0	22.99	-0.7	20.14	34.8	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.32	-0.7	19.47	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.22	-0.7	20.37	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.07	-0.7	20.22	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.06	-0.7	19.21	34.8	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.29	-0.7	18.44	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.59	-0.7	19.74	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.24	-0.7	19.39	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	5.82	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.55	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.69	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.46	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

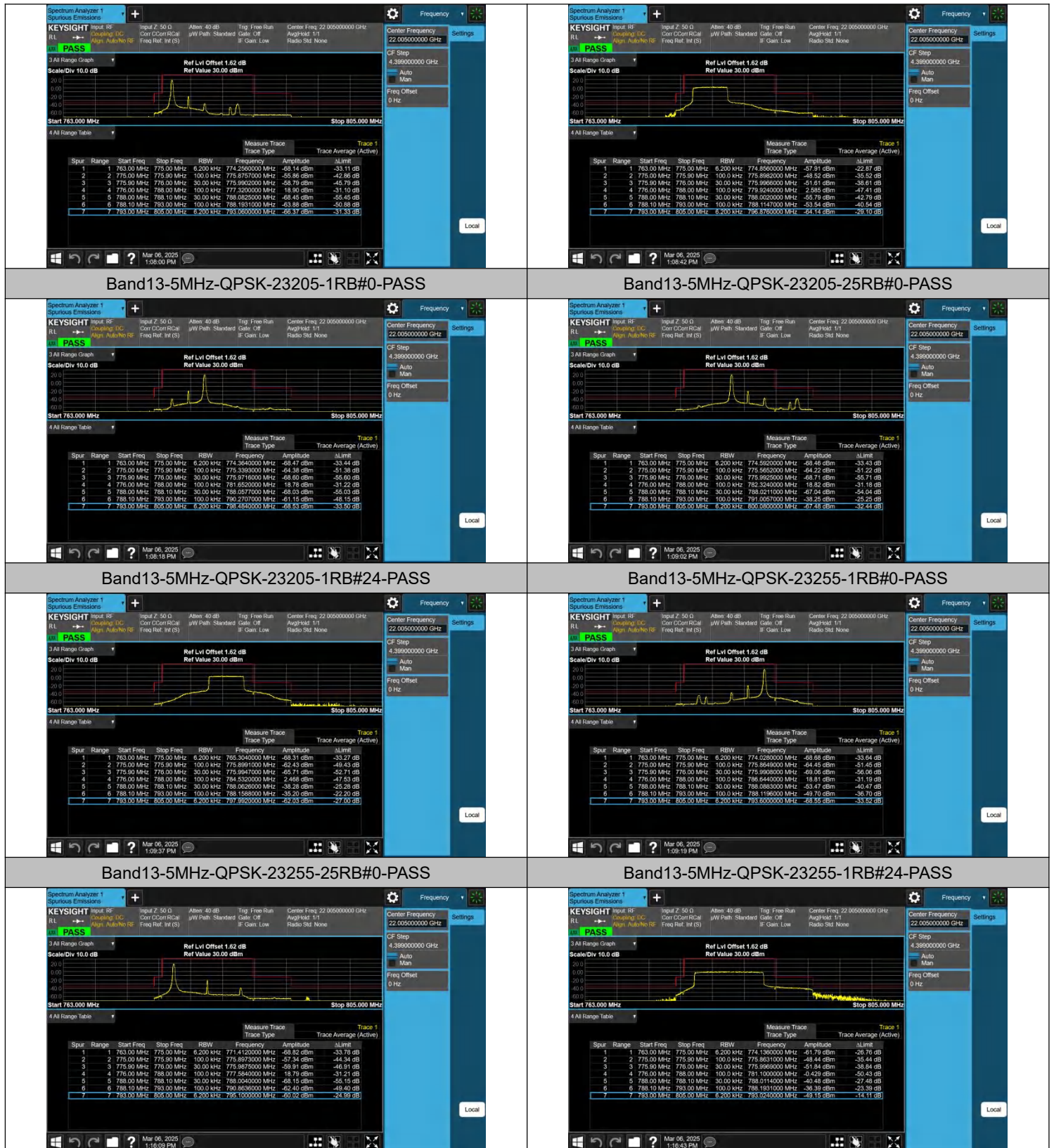
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	4.5016	5.008	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5196	5.048	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9482	9.856	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9368	9.886	PASS

Test Graphs



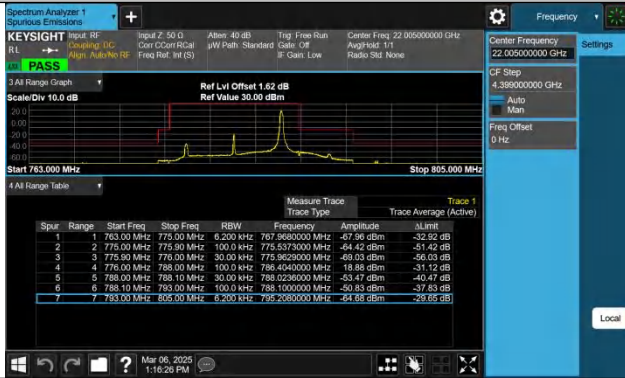
Band Edge

Test Graphs



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

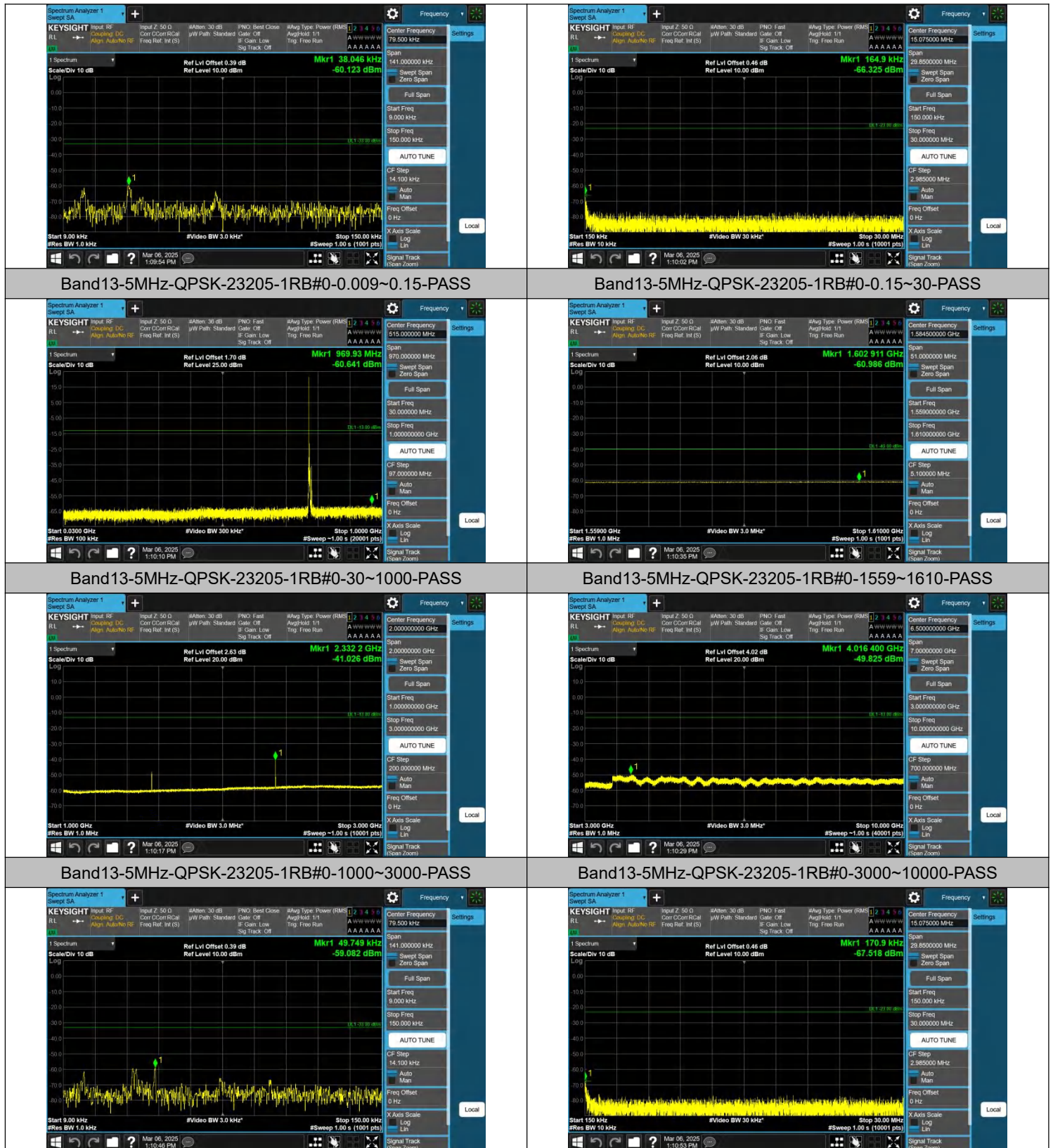
Band13-10MHz-QPSK-23230-50RB#0-PASS



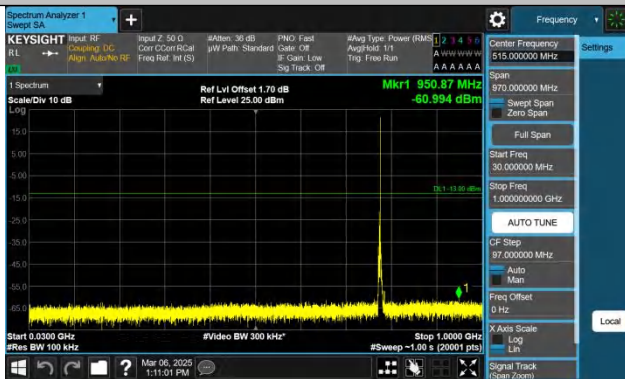
Band13-10MHz-QPSK-23230-1RB#49-PASS

Conducted Spurious Emission

Test Graphs



Band13-5MHz-QPSK-23205-1RB#24-0.009~0.15-PASS



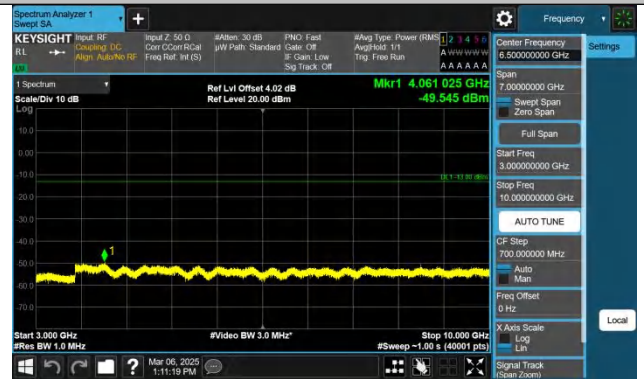
Band13-5MHz-QPSK-23205-1RB#24-0.15~30-PASS



Band13-5MHz-QPSK-23205-1RB#24-30~1000-PASS



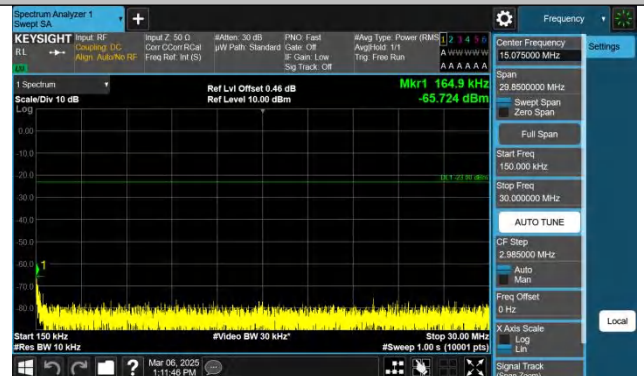
Band13-5MHz-QPSK-23205-1RB#24-1559~1610-PASS



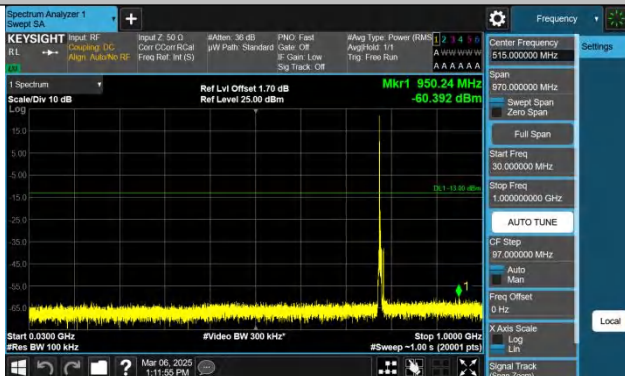
Band13-5MHz-QPSK-23205-1RB#24-1000~3000-PASS



Band13-5MHz-QPSK-23205-1RB#24-3000~10000-PASS



Band13-5MHz-QPSK-23230-1RB#0-0.009~0.15-PASS



Band13-5MHz-QPSK-23230-1RB#0-0.15~30-PASS

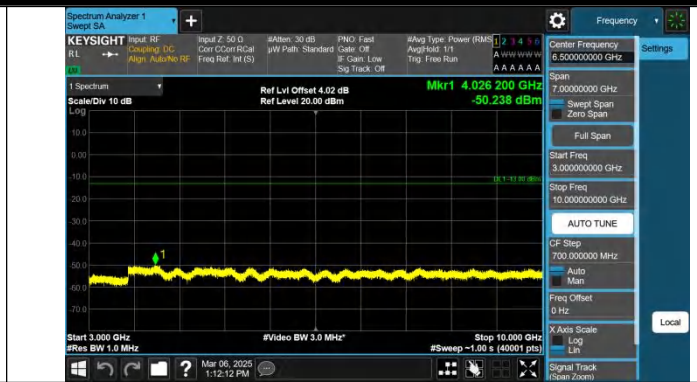


Band13-5MHz-QPSK-23230-1RB#0-30~1000-PASS

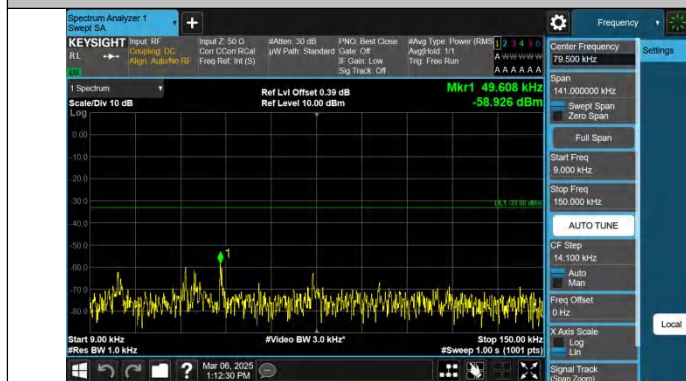
Band13-5MHz-QPSK-23230-1RB#0-1559~1610-PASS



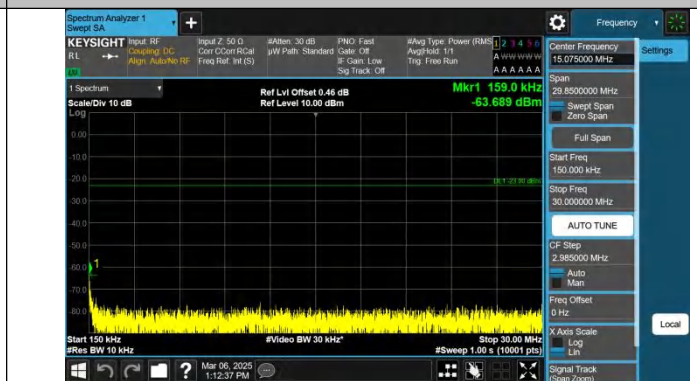
Band13-5MHz-QPSK-23230-1RB#0-1000~3000-PASS



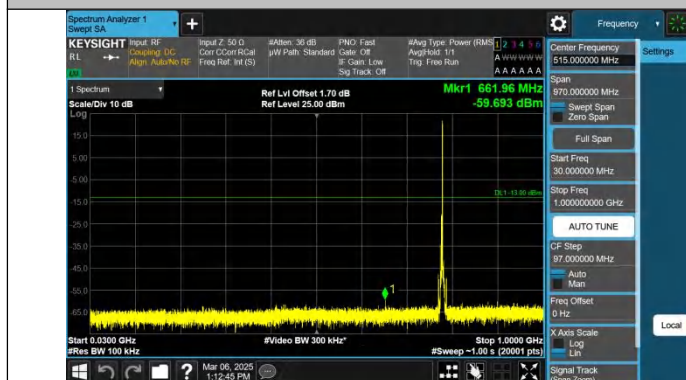
Band13-5MHz-QPSK-23230-1RB#0-3000~10000-PASS



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



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



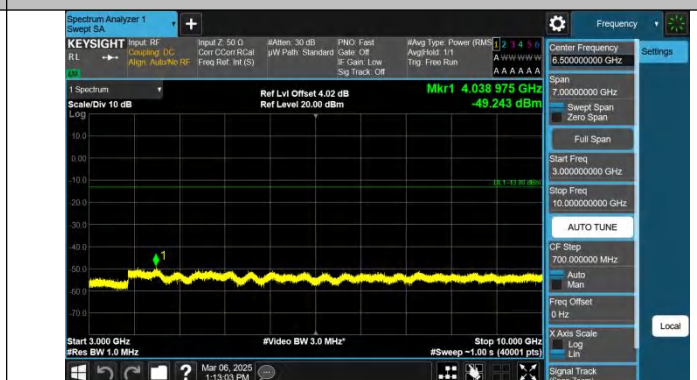
Band13-5MHz-QPSK-23230-1RB#24-30~1000-PASS



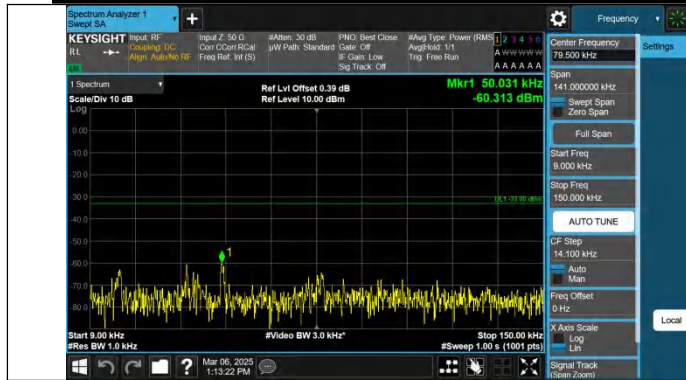
Band13-5MHz-QPSK-23230-1RB#24-1559~1610-PASS



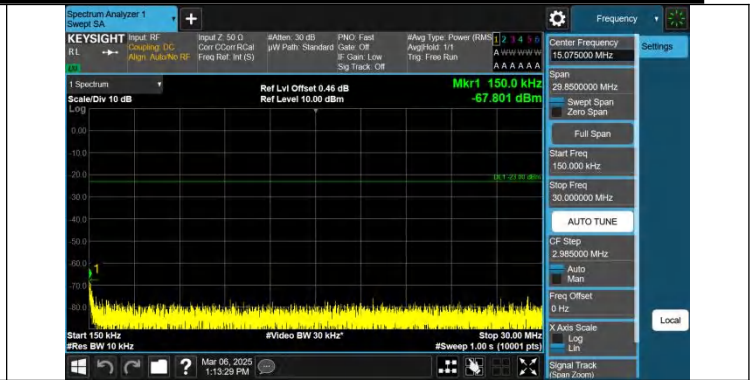
Band13-5MHz-QPSK-23230-1RB#24-1000~3000-PASS



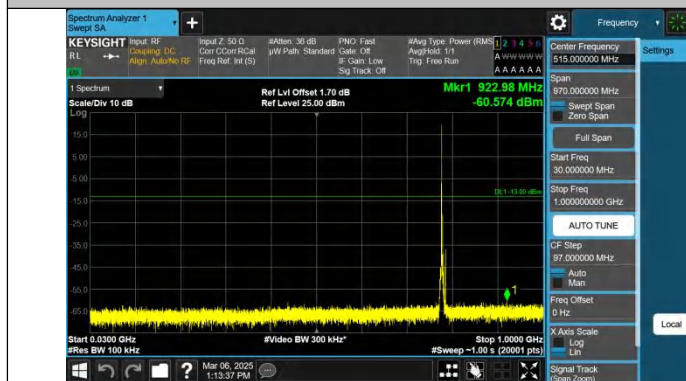
Band13-5MHz-QPSK-23230-1RB#24-3000~10000-PASS



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



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



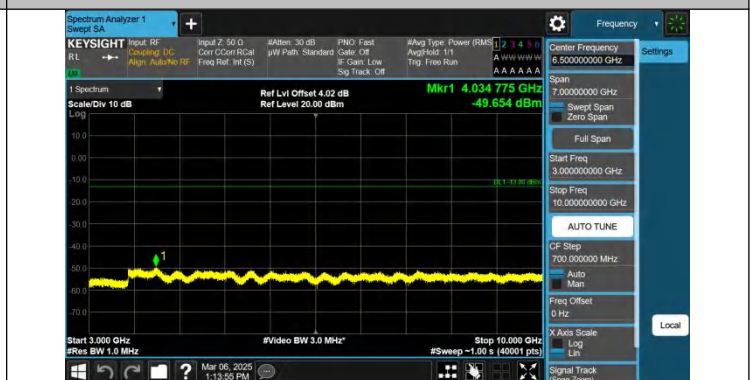
Band13-5MHz-QPSK-23255-1RB#0-30~1000-PASS



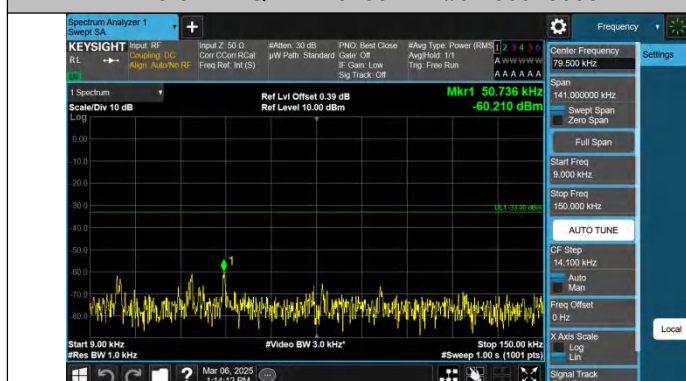
Band13-5MHz-QPSK-23255-1RB#0-1559~1610-PASS



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



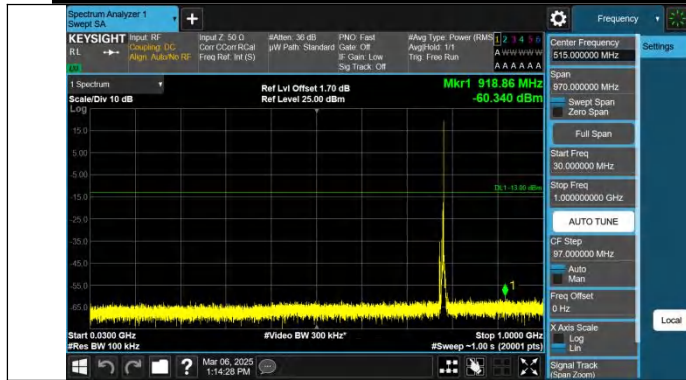
Band13-5MHz-QPSK-23255-1RB#0-3000~10000-PASS



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



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



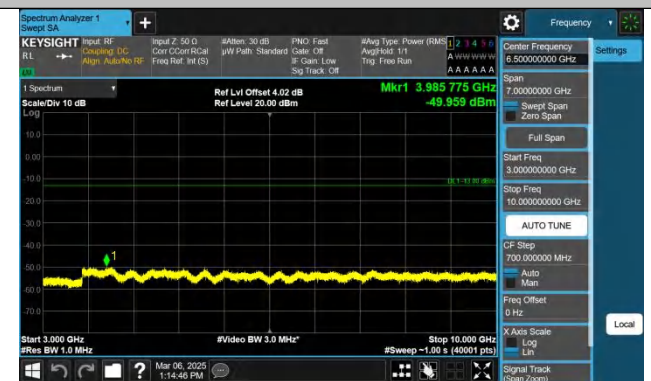
Band13-5MHz-QPSK-23255-1RB#24-30~1000-PASS



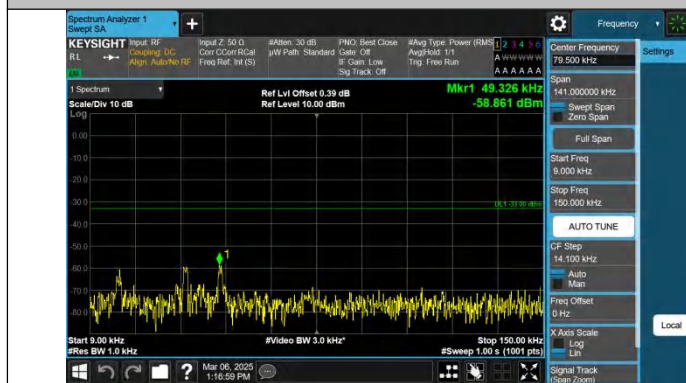
Band13-5MHz-QPSK-23255-1RB#24-1559~1610-PASS



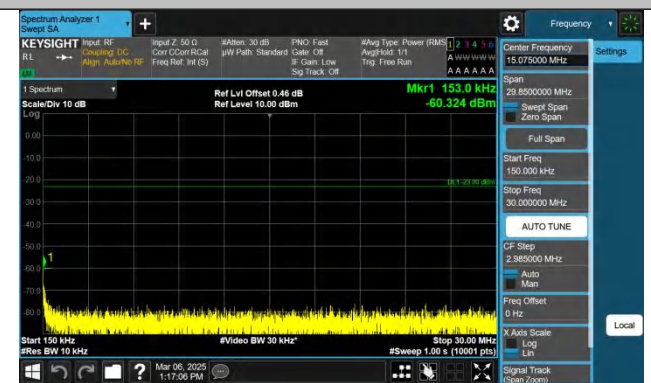
Band13-5MHz-QPSK-23255-1RB#24-1000~3000-PASS



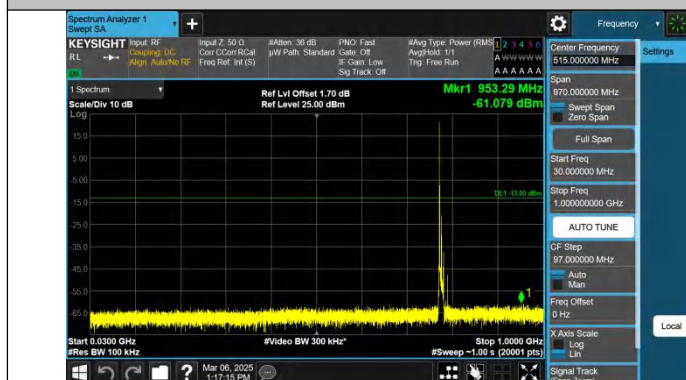
Band13-5MHz-QPSK-23255-1RB#24-3000~10000-PASS



Band13-10MHz-QPSK-23230-1RB#0-0.009~0.15-PASS



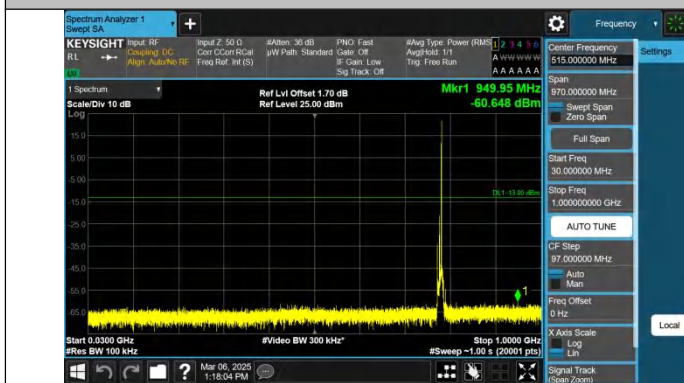
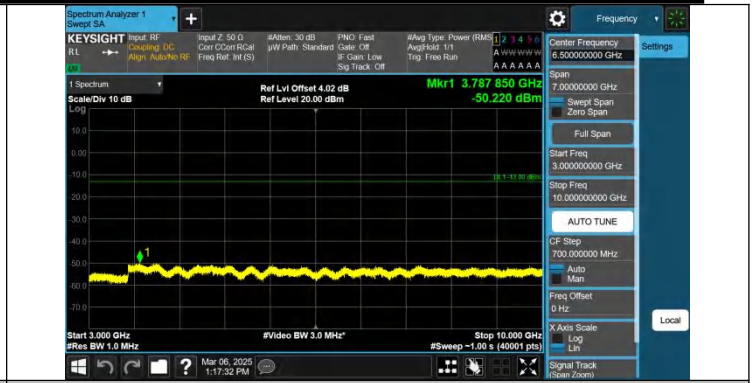
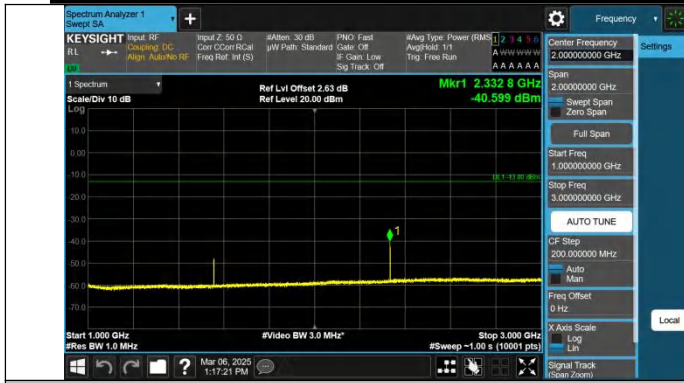
Band13-10MHz-QPSK-23230-1RB#0-0.15~30-PASS



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



Band13-10MHz-QPSK-23230-1RB#0-1559~1610-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	9950.00	12.723785	±NA	777.55195	786.46795	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	VL	NT	9080.00	11.611253	±NA	777.55128	786.46688	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	VH	NT	11370.00	14.539642	±NA	777.55422	786.46852	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	11870.00	15.179028	±NA	777.55307	786.47067	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	-20	9770.00	12.493606	±NA	777.55492	786.46462	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	-10	7730.00	9.884910	±NA	777.55073	786.46473	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	0	10600.00	13.554987	±NA	777.5545	786.4667	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	10	10200.00	13.043478	±NA	777.55135	786.46905	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	20	9400.00	12.020460	±NA	777.5547	786.4641	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	30	10610.00	13.567775	±NA	777.55441	786.46681	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	40	11360.00	14.526854	±NA	777.55216	786.47056	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	50	6630.00	8.478261	±NA	777.54688	786.46638	777-787	PASS

----- THE END -----