

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	23.96	4.45	26.26	34.8	PASS
Band13	5MHz	QPSK	23205	25RB#0	23.01	4.45	25.31	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.78	4.45	26.08	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.83	4.45	26.13	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.67	4.45	25.97	34.8	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.76	4.45	25.06	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.79	4.45	26.09	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.83	4.45	26.13	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.84	4.45	26.14	34.8	PASS
Band13	5MHz	QPSK	23255	25RB#0	23.05	4.45	25.35	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.96	4.45	26.26	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#24	24.06	4.45	26.36	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.84	4.45	25.14	34.8	PASS
Band13	5MHz	16QAM	23205	25RB#0	22.06	4.45	24.36	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.63	4.45	24.93	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.84	4.45	25.14	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.93	4.45	25.23	34.8	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.79	4.45	24.09	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.95	4.45	25.25	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#24	23.01	4.45	25.31	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#0	23.02	4.45	25.32	34.8	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.05	4.45	24.35	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#12	23.07	4.45	25.37	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#24	23.14	4.45	25.44	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.86	4.45	26.16	34.8	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.77	4.45	25.07	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.71	4.45	26.01	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.82	4.45	26.12	34.8	PASS
Band13	10MHz	16QAM	23230	27RB#0	21.92	4.45	24.22	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#0	23.01	4.45	25.31	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.89	4.45	25.19	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#49	23.02	4.45	25.32	34.8	PASS

Peak-to-Average Ratio(CCDF)

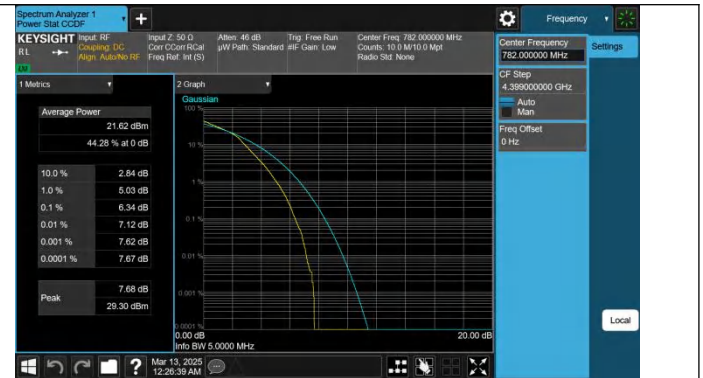
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	5.69	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.34	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.66	13	PASS
Band13	10MHz	16QAM	23230	27RB#0	6.38	13	PASS

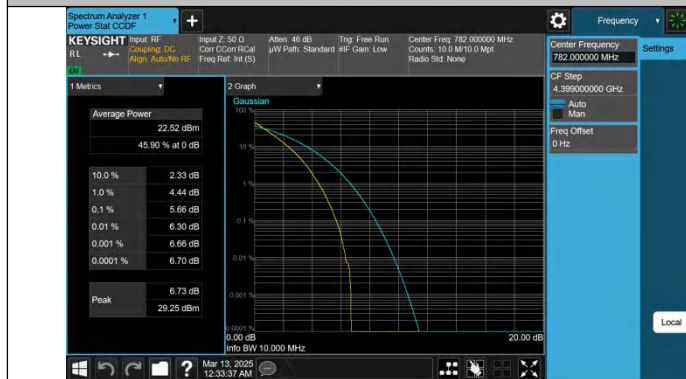
Test Graphs



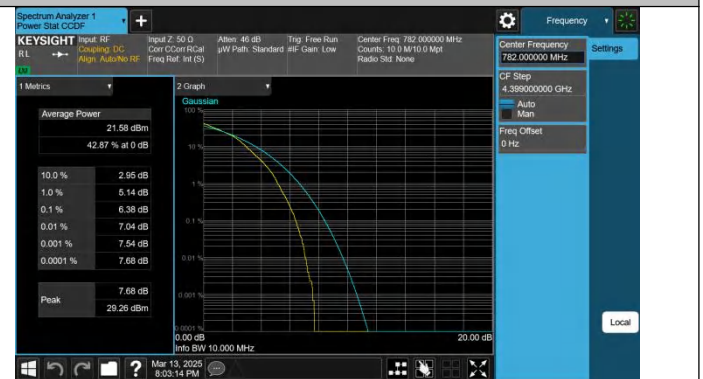
Band13-5MHz-QPSK-23230-25RB#0-PASS



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



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



Band13-10MHz-16QAM-23230-27RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

Test Result

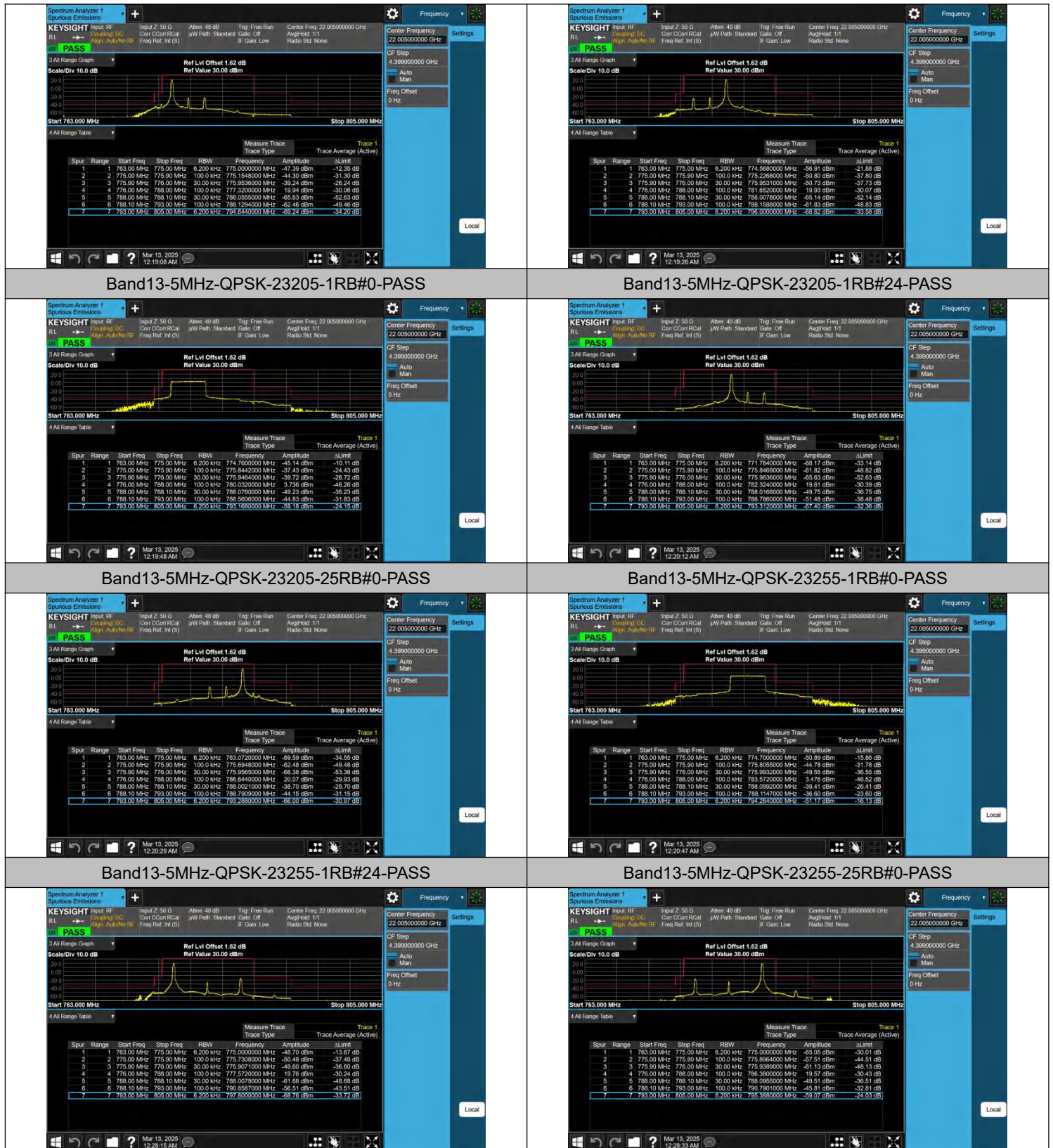
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	4.5128	5.107	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5051	5.372	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9671	10.21	PASS
Band13	10MHz	16QAM	23230	27RB#0	5.0315	6.317	PASS

Test Graphs



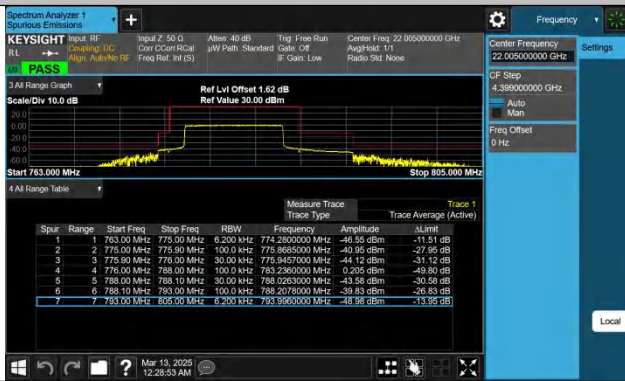
Band Edge

Test Graphs



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

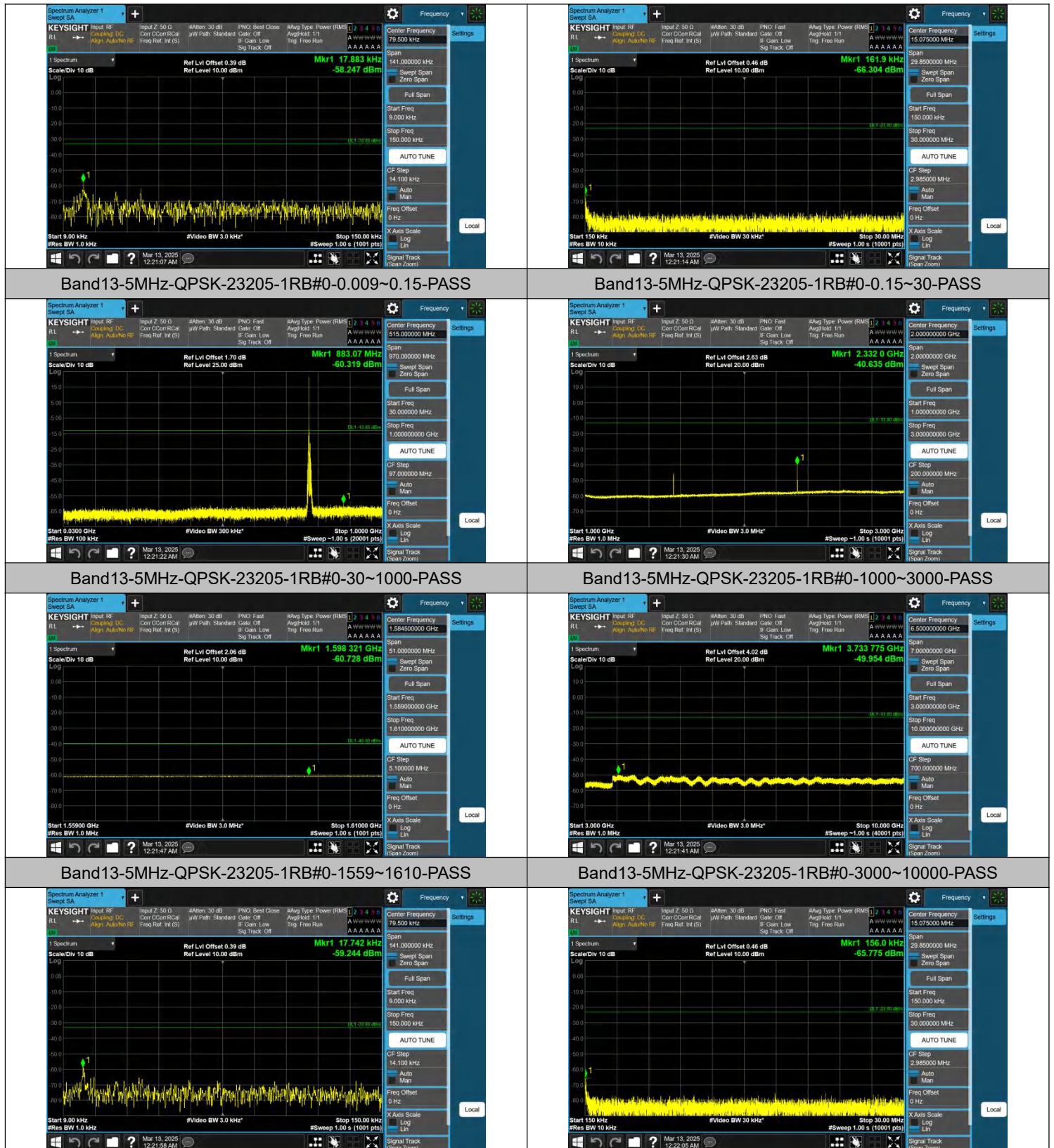
Band13-10MHz-QPSK-23230-1RB#49-PASS



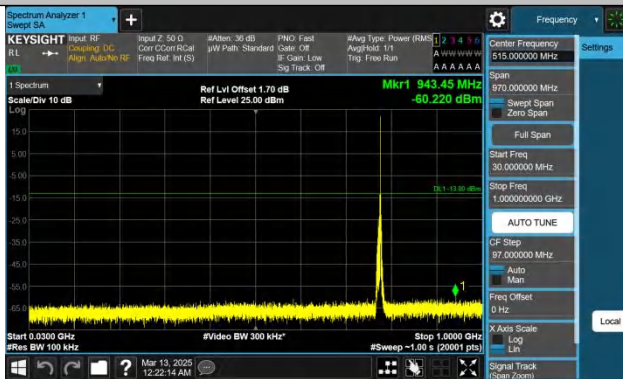
Band13-10MHz-QPSK-23230-50RB#0-PASS

Conducted Spurious Emission

Test Graphs



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



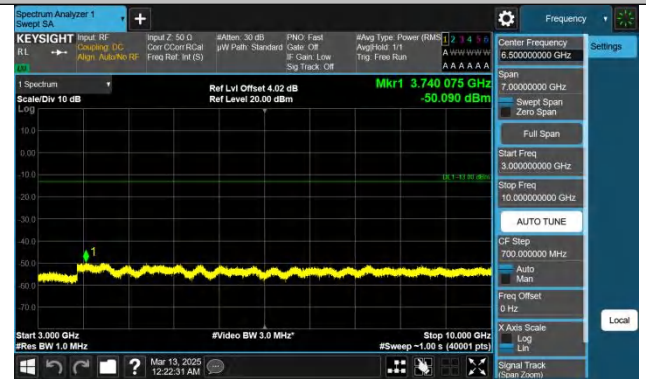
Band13-5MHz-QPSK-23205-1RB#24-0.15~30-PASS



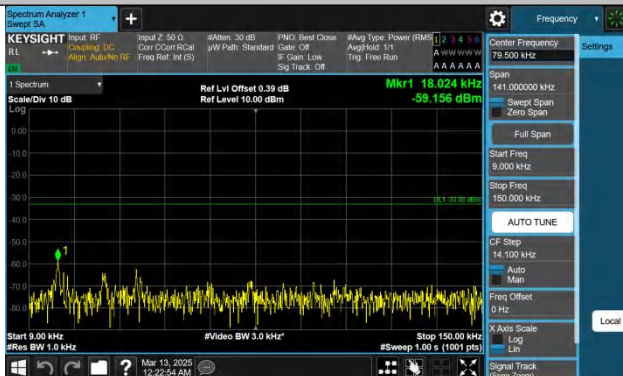
Band13-5MHz-QPSK-23205-1RB#24-30~1000-PASS



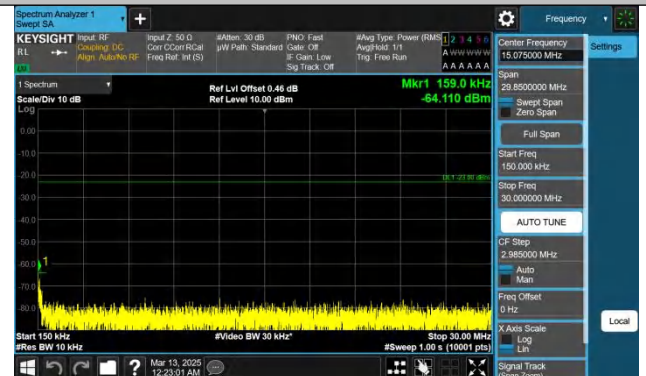
Band13-5MHz-QPSK-23205-1RB#24-1000~3000-PASS



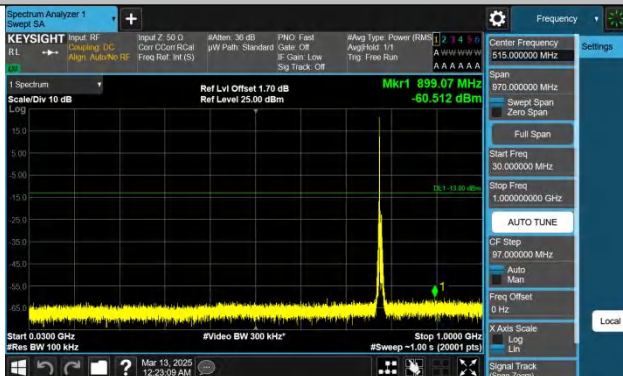
Band13-5MHz-QPSK-23205-1RB#24-1559~1610-PASS



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



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

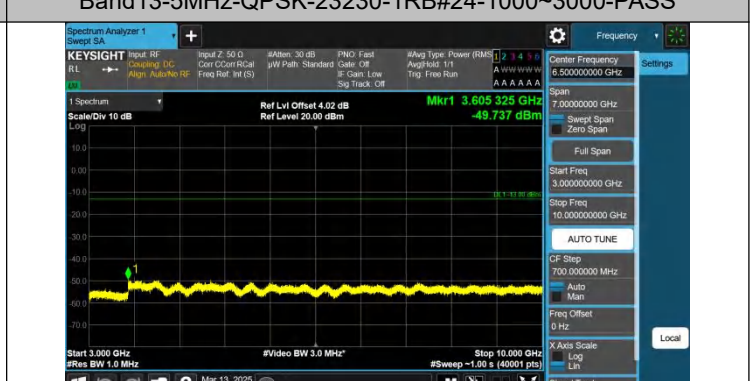
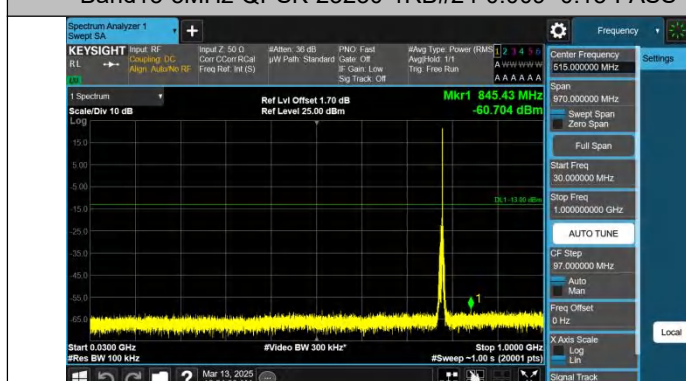
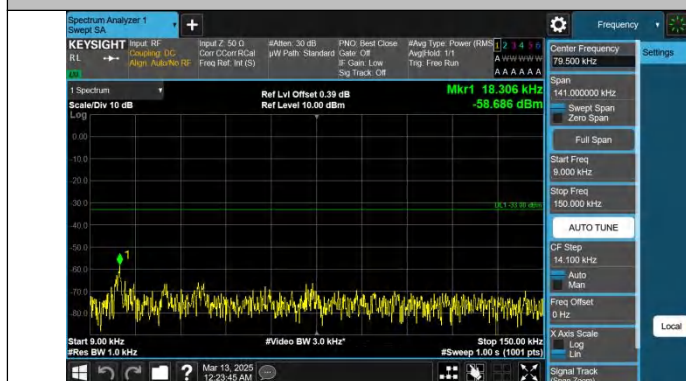
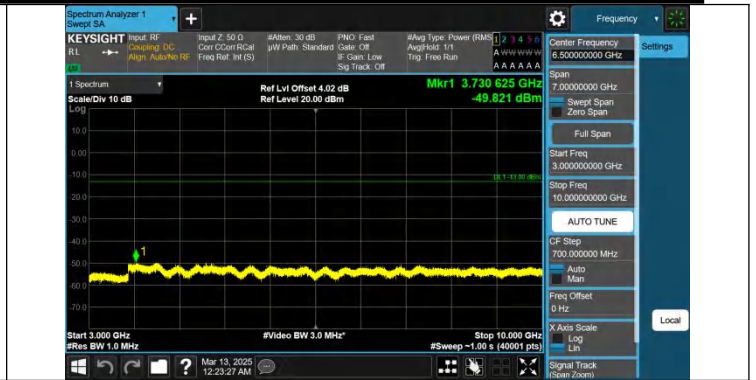


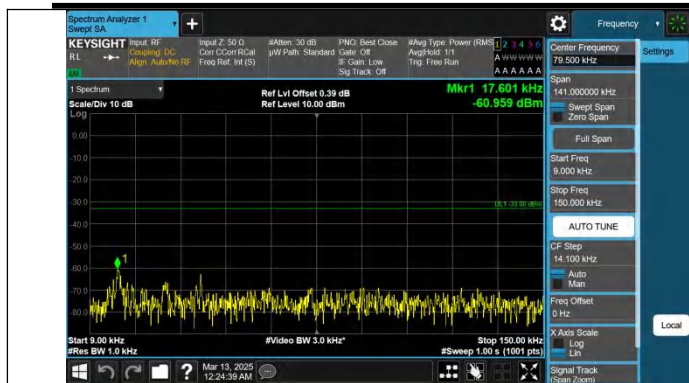
Band13-5MHz-QPSK-23230-1RB#0-0.15~30-PASS



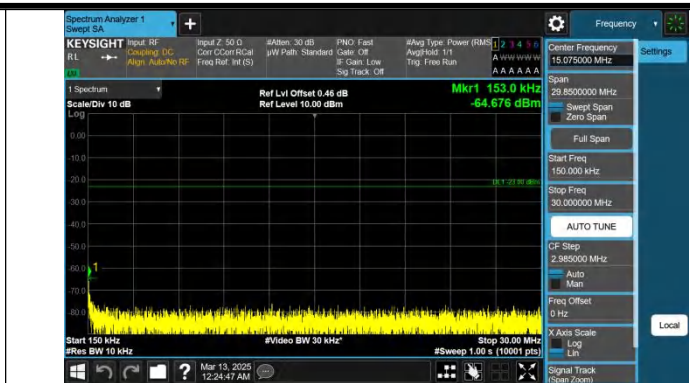
Band13-5MHz-QPSK-23230-1RB#0-30~1000-PASS

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

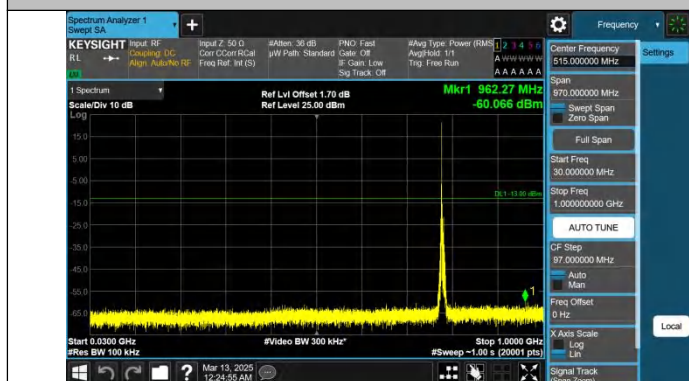




Band13-5MHz-QPSK-23255-1RB#0-0.009~0.15-PASS



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



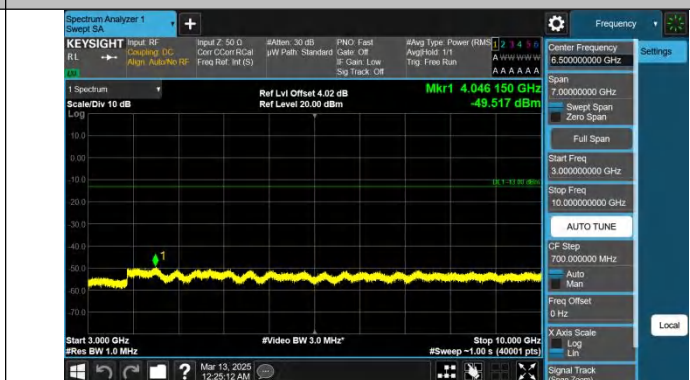
Band13-5MHz-QPSK-23255-1RB#0-30~1000-PASS



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



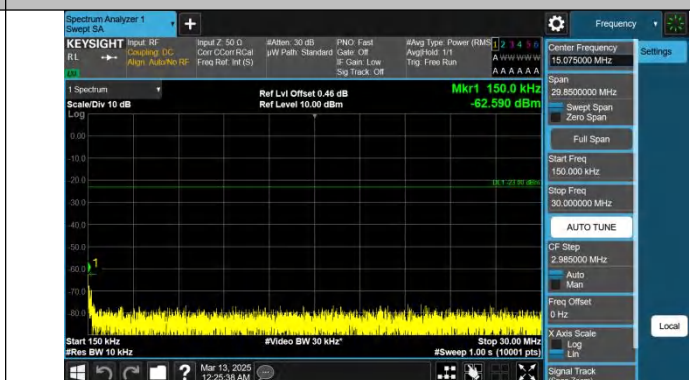
Band13-5MHz-QPSK-23255-1RB#0-1559~1610-PASS



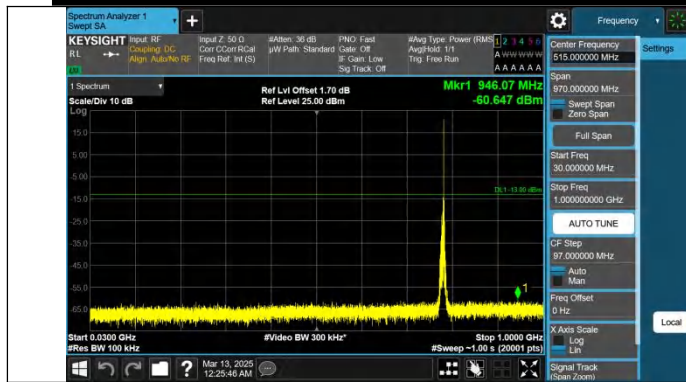
Band13-5MHz-QPSK-23255-1RB#0-3000~10000-PASS



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



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



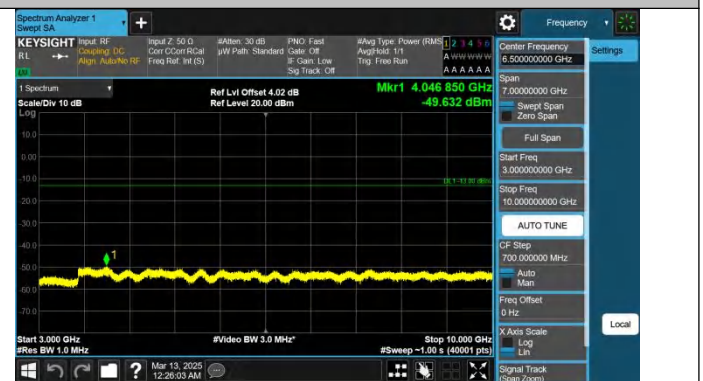
Band13-5MHz-QPSK-23255-1RB#24-30~1000-PASS



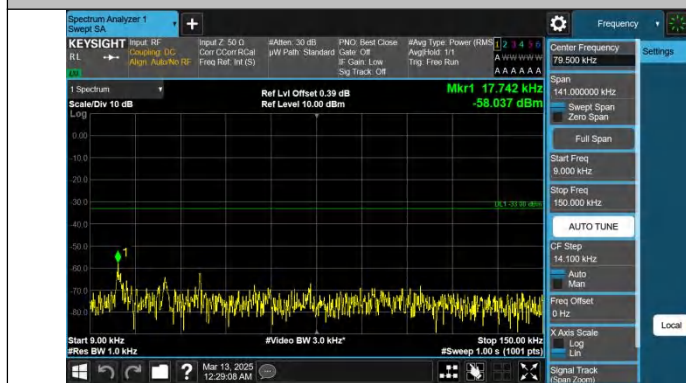
Band13-5MHz-QPSK-23255-1RB#24-1000~3000-PASS



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



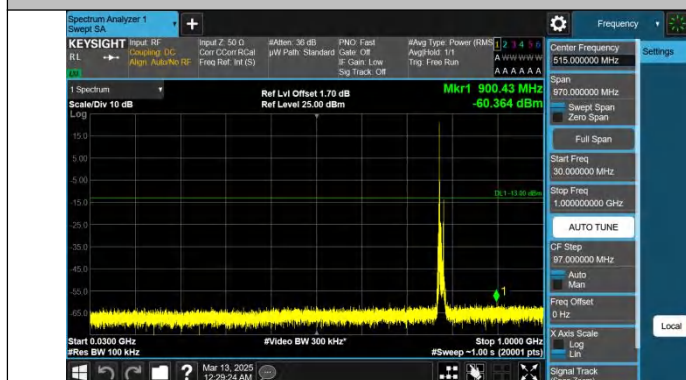
Band13-5MHz-QPSK-23255-1RB#24-3000~10000-PASS



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



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



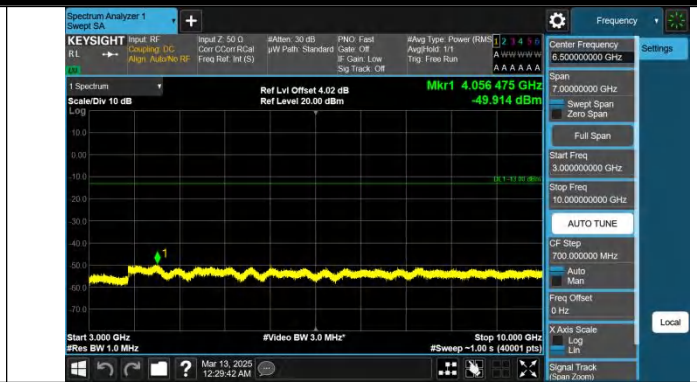
Band13-10MHz-QPSK-23230-1RB#0-30~1000-PASS



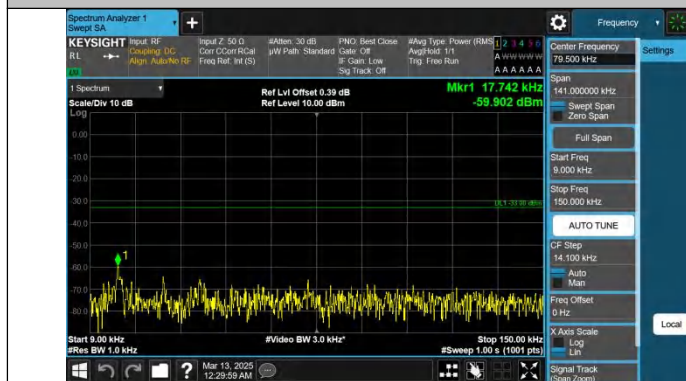
Band13-10MHz-QPSK-23230-1RB#0-1000~3000-PASS



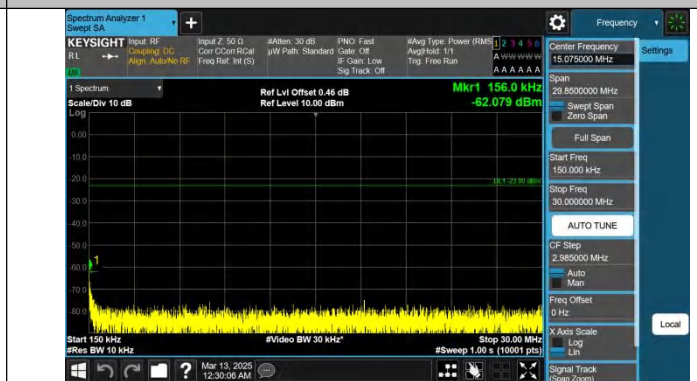
Band13-10MHz-QPSK-23230-1RB#0-1559~1610-PASS



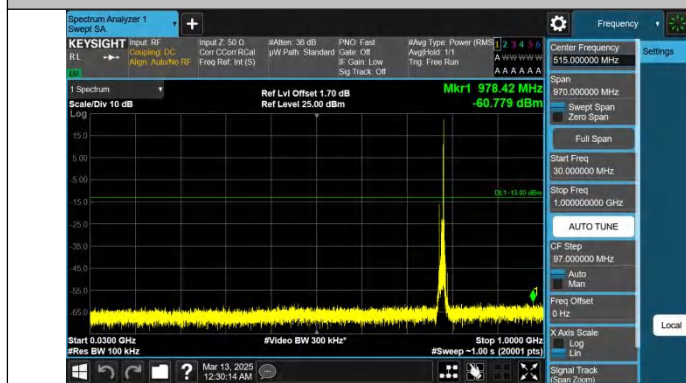
Band13-10MHz-QPSK-23230-1RB#0-3000~10000-PASS



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



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



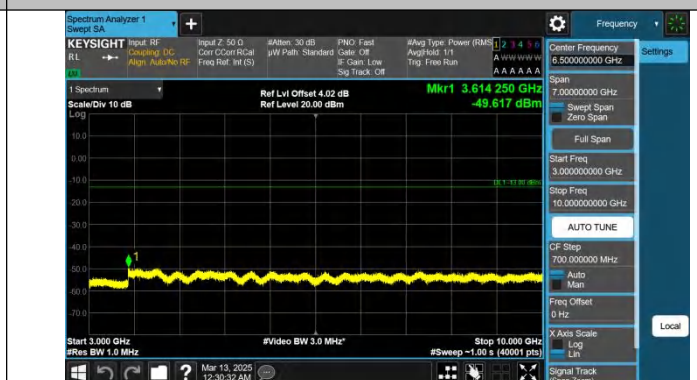
Band13-10MHz-QPSK-23230-1RB#49-30~1000-PASS



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



Band13-10MHz-QPSK-23230-1RB#49-1559~1610-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	-4420.00	-5.652174	±NA	777.53613	786.45503	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	VL	NT	-1660.00	-2.122762	±NA	777.53694	786.45974	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	VH	NT	-2260.00	-2.890026	±NA	777.53964	786.45584	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	-6690.00	-8.554987	±NA	777.53271	786.45391	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	-20	-1800.00	-2.301790	±NA	777.5406	786.4558	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	-10	-2260.00	-2.890026	±NA	777.53764	786.45784	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	0	-3700.00	-4.731458	±NA	777.5363	786.4563	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	10	-4650.00	-5.946292	±NA	777.5354	786.4553	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	20	-1890.00	-2.416880	±NA	777.54121	786.45501	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	30	-5980.00	-7.647059	±NA	777.53507	786.45297	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	40	-4680.00	-5.984655	±NA	777.53827	786.45237	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	50	-5290.00	-6.764706	±NA	777.53636	786.45306	777-787	PASS

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