

Effective (Isotropic) Radiated Power Output Data

Test Result

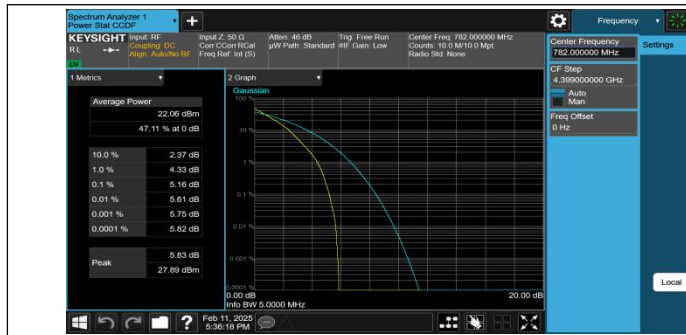
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain(dBi)	EIRP/ERP (dBm)	Limit (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.18	4.45	25.48	34.8	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.04	4.45	24.34	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.12	4.45	25.42	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.07	4.45	25.37	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.17	4.45	25.47	34.8	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.32	4.45	24.62	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.16	4.45	25.46	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.08	4.45	25.38	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.27	4.45	25.57	34.8	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.24	4.45	24.54	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.37	4.45	25.67	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.08	4.45	25.38	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#0	21.8	4.45	24.1	34.8	PASS
Band13	5MHz	16QAM	23205	25RB#0	20.93	4.45	23.23	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#12	21.79	4.45	24.09	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#24	21.95	4.45	24.25	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#0	21.93	4.45	24.23	34.8	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.19	4.45	23.49	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.08	4.45	24.38	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.23	4.45	24.53	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#0	21.82	4.45	24.12	34.8	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.38	4.45	23.68	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.25	4.45	24.55	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#24	21.85	4.45	24.15	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.12	4.45	25.42	34.8	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.4	4.45	24.7	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.24	4.45	25.54	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.11	4.45	25.41	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.18	4.45	24.48	34.8	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.23	4.45	23.53	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.64	4.45	24.94	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.27	4.45	24.57	34.8	PASS

Peak-to-Average Ratio(CCDF)

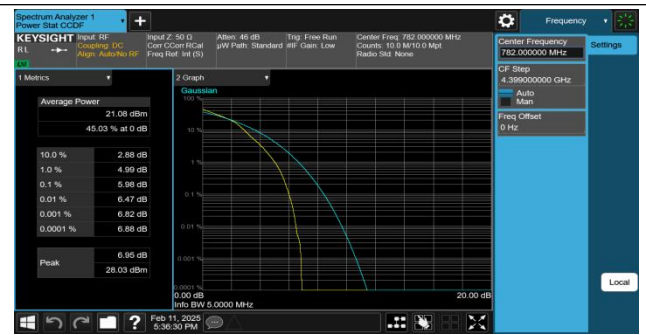
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	5.16	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.98	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.16	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.06	13	PASS

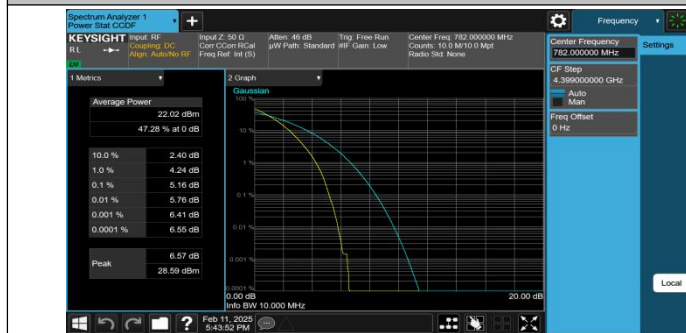
Test Graphs



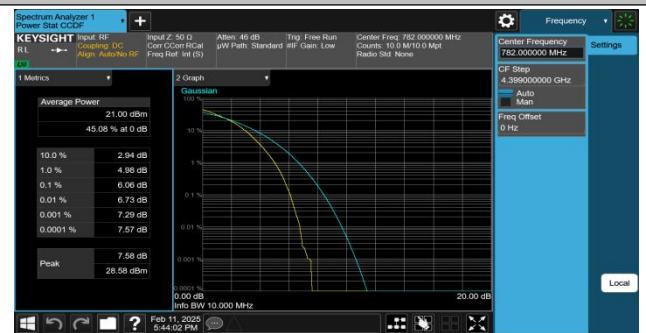
Band13-5MHz-QPSK-23230-25RB#0-PASS



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



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



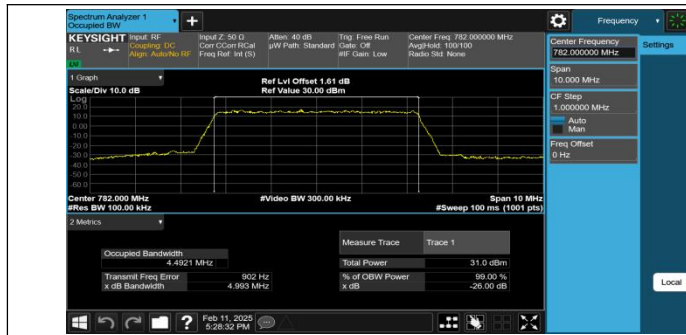
Band13-10MHz-16QAM-23230-50RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

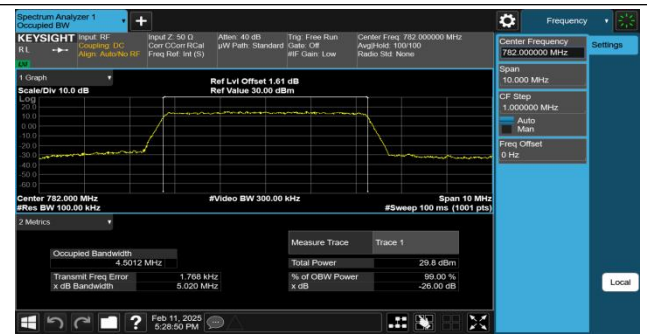
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	4.4921	4.993	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5012	5.020	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9435	9.850	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9337	9.829	PASS

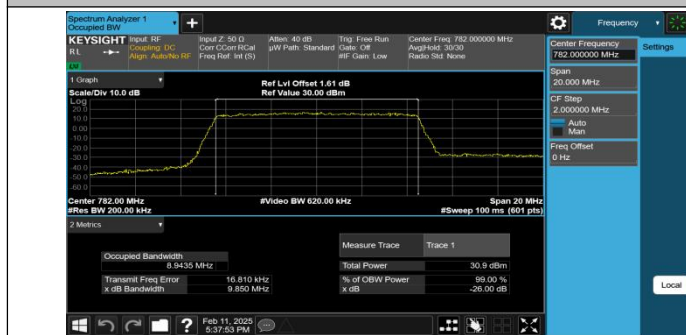
Test Graphs



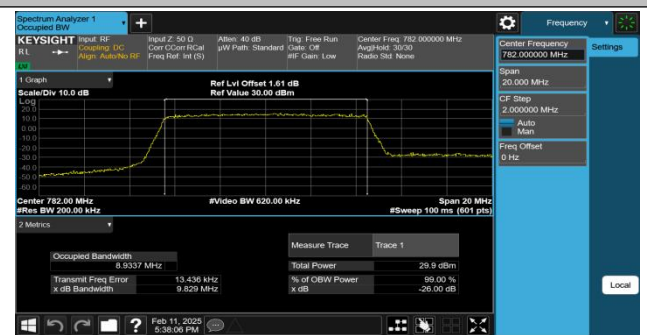
Band13-5MHz-QPSK-23230-25RB#0-PASS



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



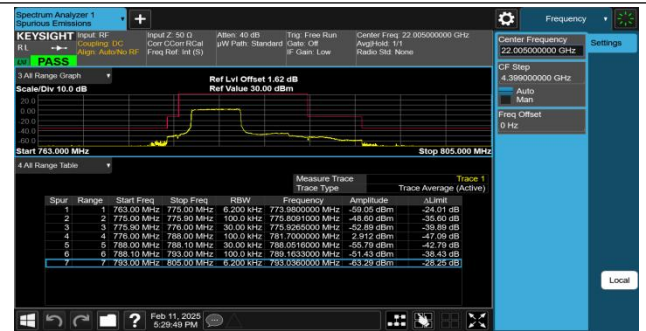
Band13-10MHz-QPSK-23230-50RB#0-PASS



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

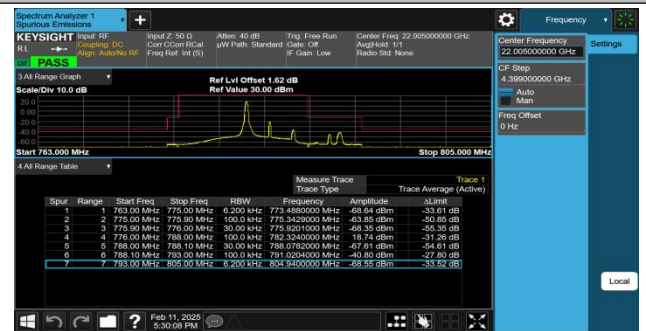
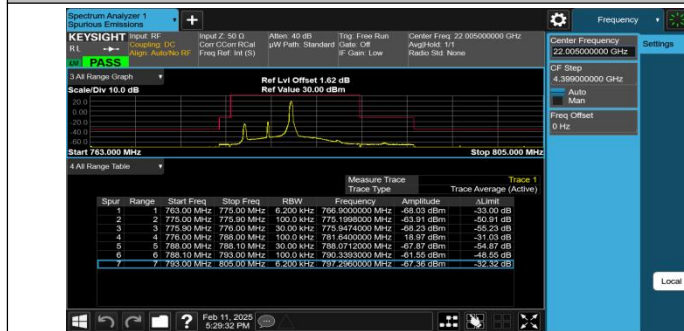
Band Edge

Test Graphs



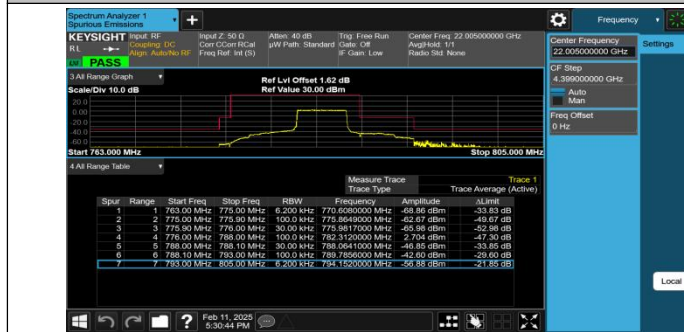
Band13-5MHz-QPSK-23205-1RB#0-PASS

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



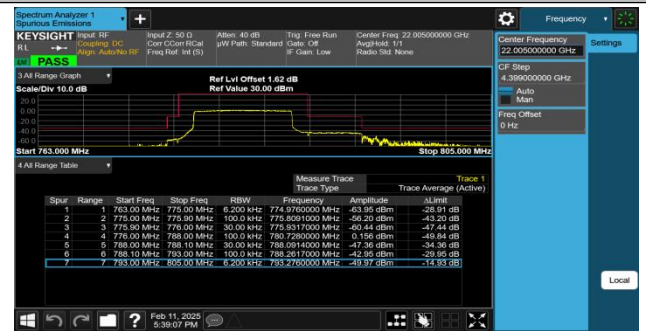
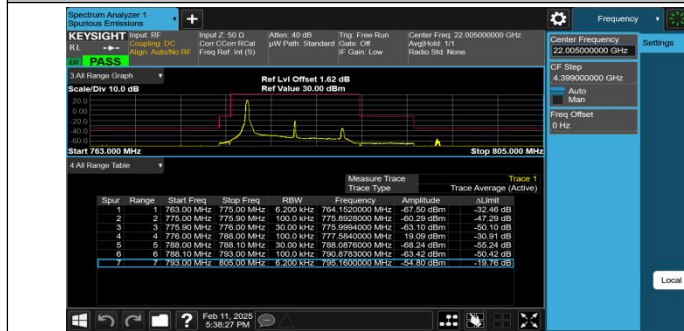
Band13-5MHz-QPSK-23205-1RB#24-PASS

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

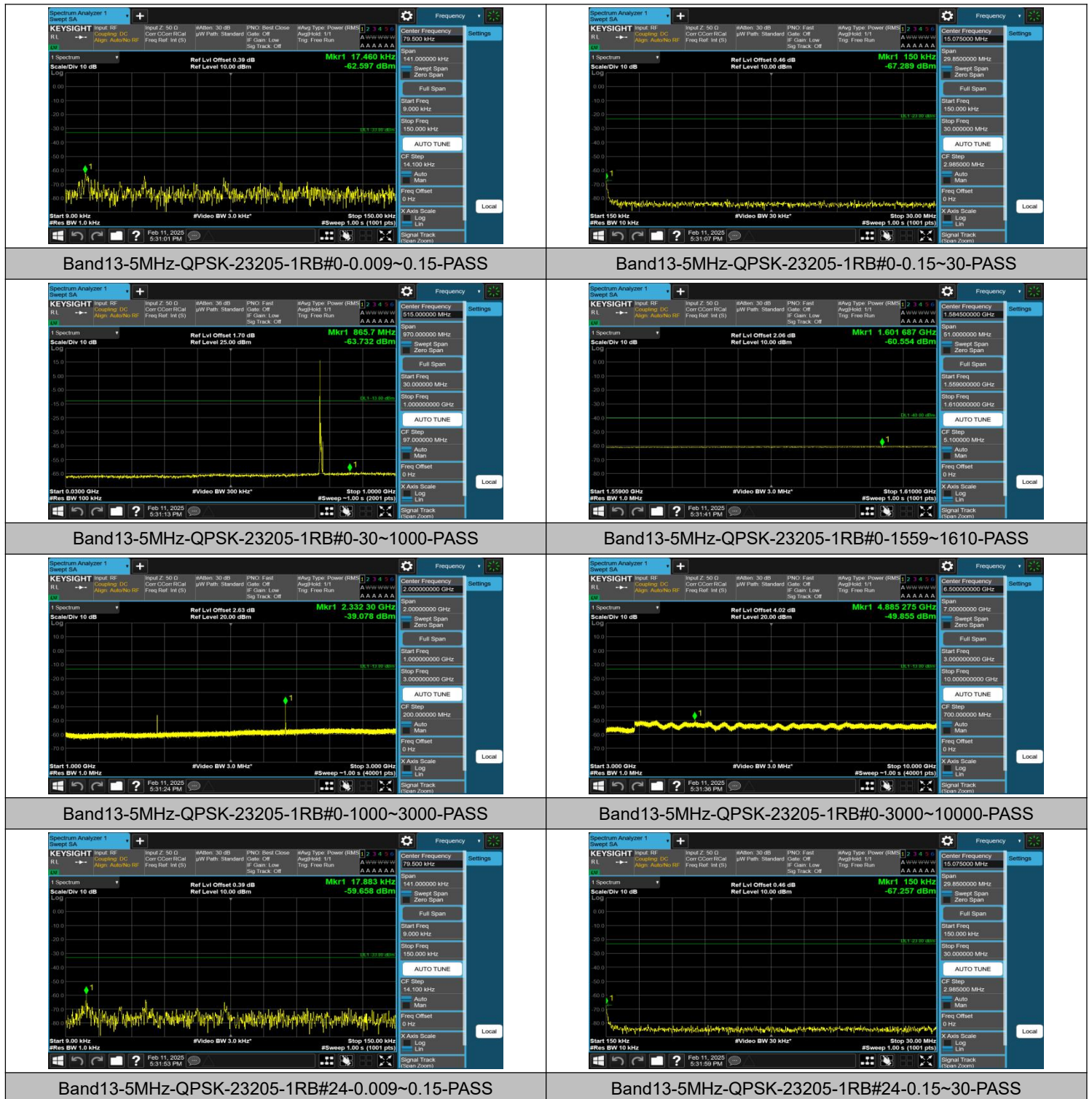
Band13-10MHz-QPSK-23230-50RB#0-PASS

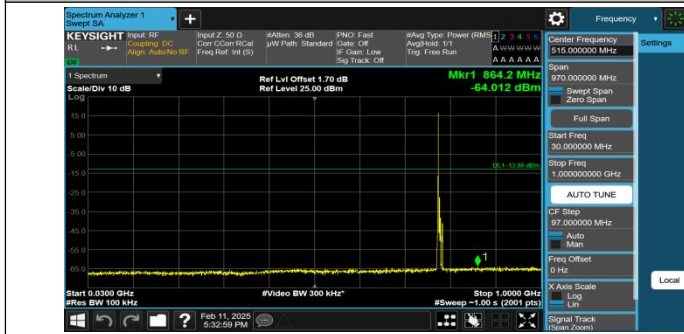
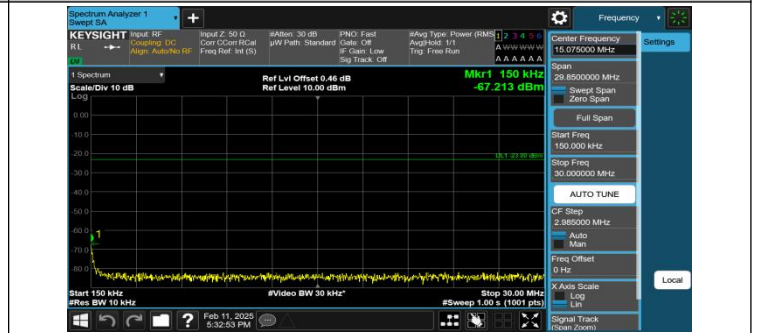
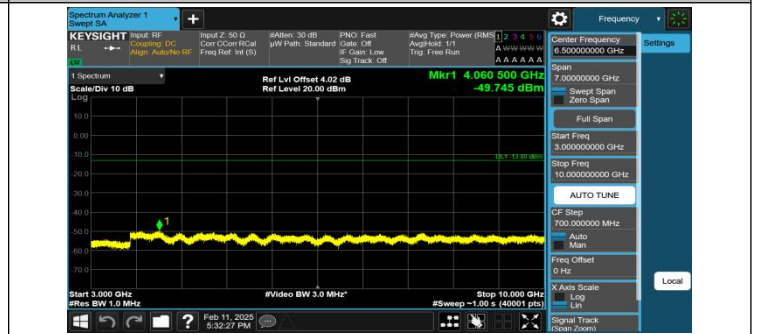
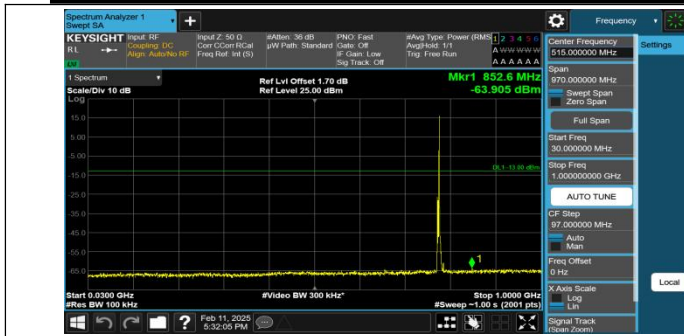


Band13-10MHz-QPSK-23230-1RB#49-PASS

Conducted Spurious Emission

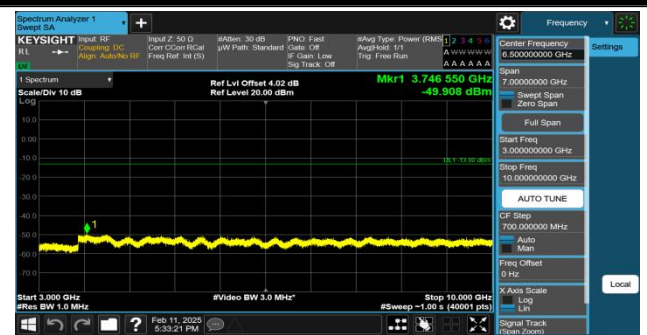
Test Graphs







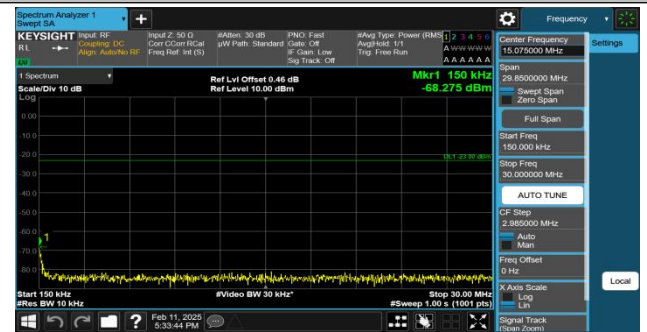
Band13-5MHz-QPSK-23230-1RB#0-1000~3000-PASS



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



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



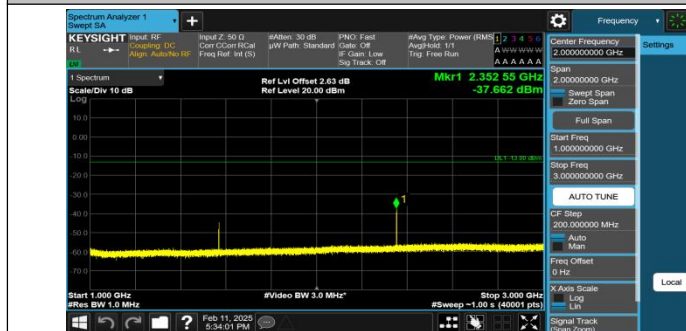
Band13-5MHz-QPSK-23230-1RB#24-0.15~30-PASS



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



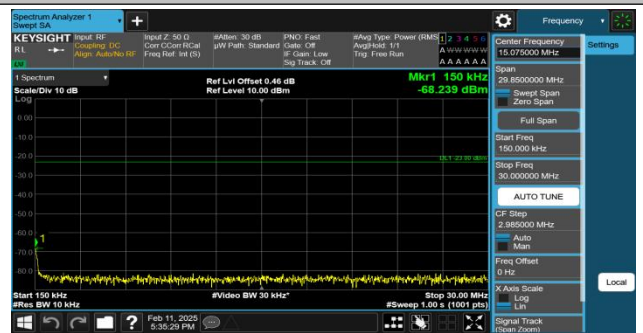
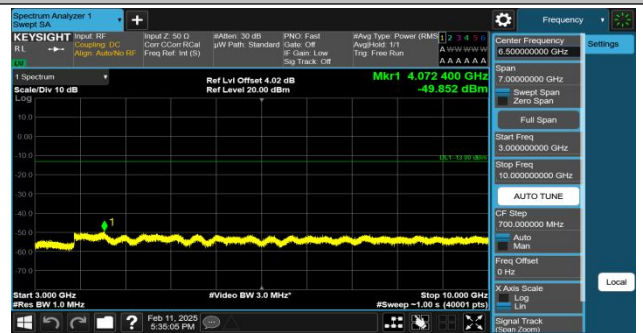
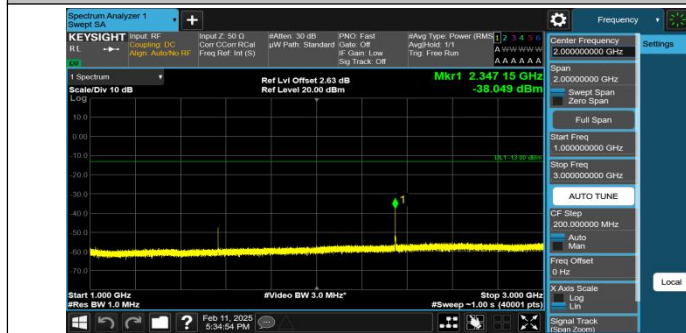
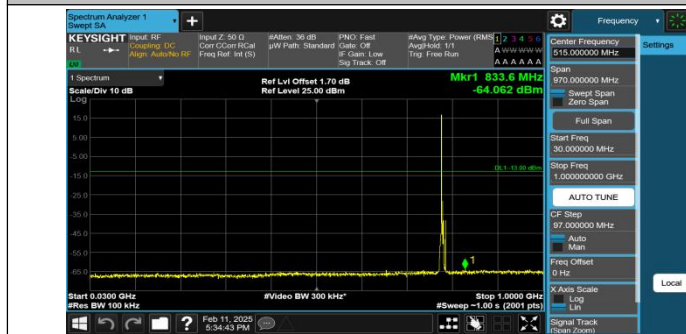
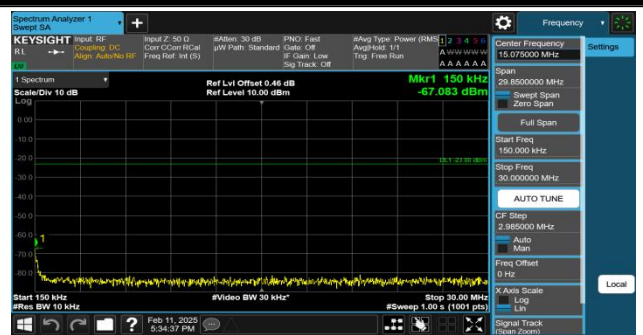
Band13-5MHz-QPSK-23230-1RB#24-1559~1610-PASS

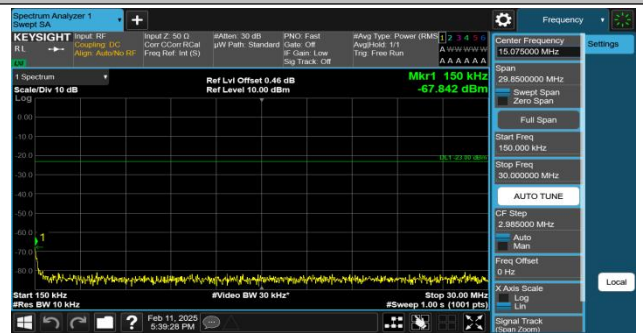
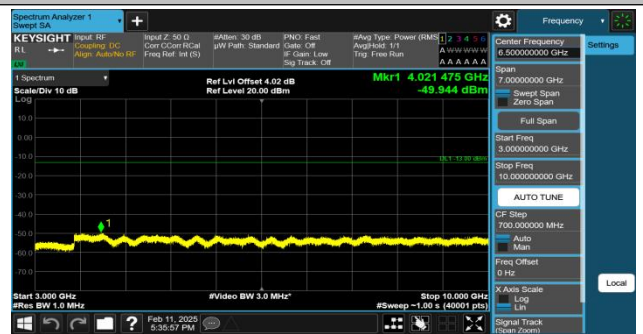


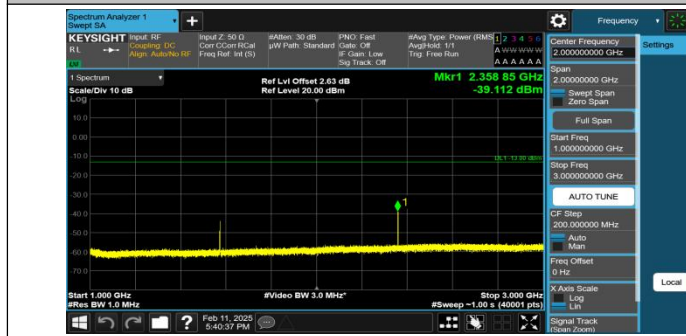
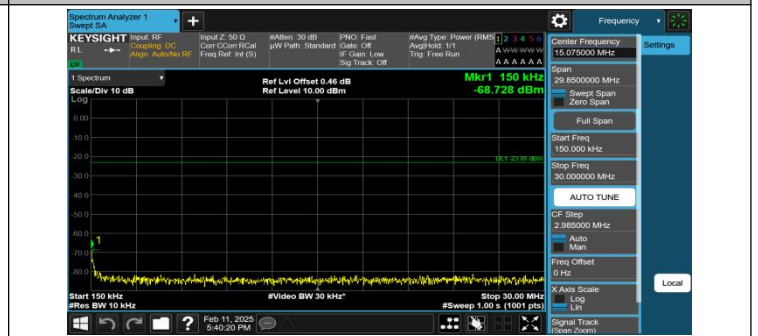
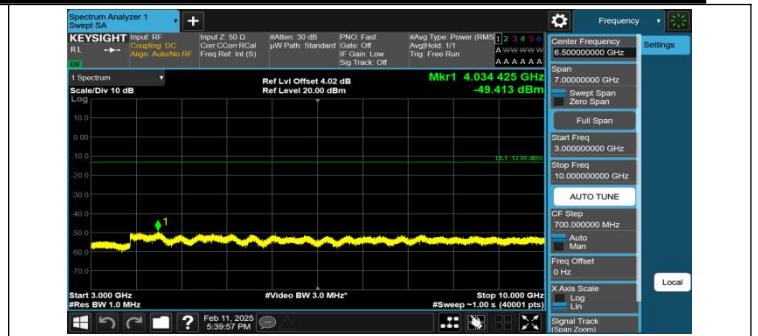
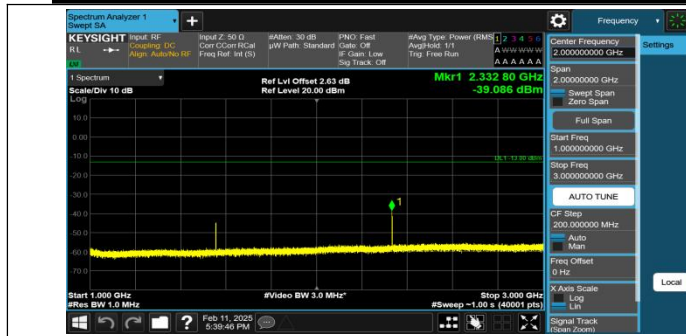
Band13-5MHz-QPSK-23230-1RB#24-1000~3000-PASS



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







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	10840.00	13.861893	±NA	777.55639	786.46529	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	VL	NT	10800.00	13.810742	±NA	777.55675	786.46485	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	VH	NT	11390.00	14.565217	±NA	777.55349	786.46929	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	11480.00	14.680307	±NA	777.55718	786.46578	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	-20	10160.00	12.992327	±NA	777.55316	786.46716	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	-10	10190.00	13.030691	±NA	777.55484	786.46554	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	0	9620.00	12.301790	±NA	777.55572	786.46352	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	10	10900.00	13.938619	±NA	777.55525	786.46655	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	20	6810.00	8.708440	±NA	777.55016	786.46346	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	30	11090.00	14.181586	±NA	777.55654	786.46564	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	40	10090.00	12.902813	±NA	777.55549	786.46469	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	50	11590.00	14.820972	±NA	777.55769	786.46549	777-787	PASS

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