

## Effective (Isotropic) Radiated Power Output Data

### Test Result

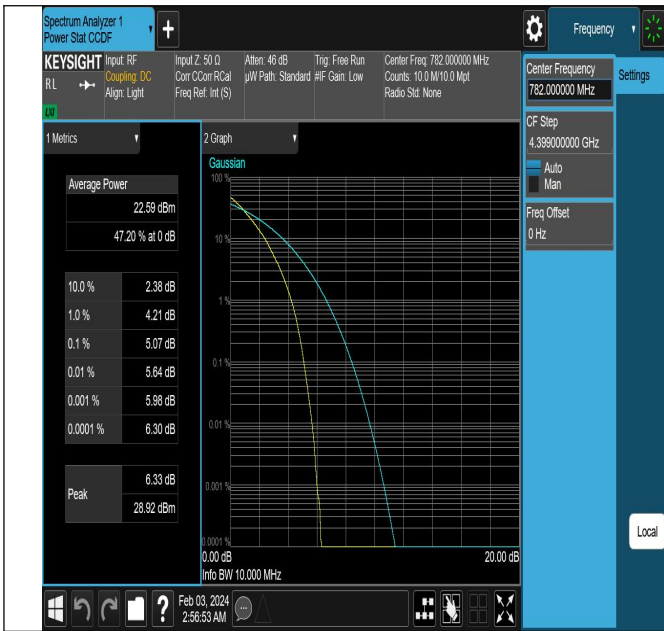
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.57	25.87	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.89	25.19	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.53	25.83	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.75	25.05	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.91	26.21	PASS
Band13	5MHz	16QAM	23205	1RB#24	23.24	25.54	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.92	25.22	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.87	24.17	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.28	25.58	PASS
Band13	5MHz	16QAM	23230	1RB#0	23.04	25.34	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.71	26.01	PASS
Band13	5MHz	16QAM	23230	1RB#12	23.08	25.38	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.51	25.81	PASS
Band13	5MHz	16QAM	23230	1RB#24	23.12	25.42	PASS
Band13	5MHz	QPSK	23230	25RB#0	23.06	25.36	PASS
Band13	5MHz	16QAM	23230	25RB#0	22.08	24.38	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.71	26.01	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.98	25.28	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.75	26.05	PASS
Band13	5MHz	16QAM	23255	1RB#12	23.11	25.41	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.94	26.24	PASS
Band13	5MHz	16QAM	23255	1RB#24	23	25.3	PASS
Band13	5MHz	QPSK	23255	25RB#0	23.04	25.34	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.25	24.55	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.31	25.61	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.89	25.19	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.56	25.86	PASS
Band13	10MHz	16QAM	23230	1RB#24	23.18	25.48	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.48	25.78	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.9	25.2	PASS
Band13	10MHz	QPSK	23230	25RB#0	23.08	25.38	PASS
Band13	10MHz	16QAM	23230	25RB#0	22.03	24.33	PASS
Band13	10MHz	QPSK	23230	50RB#0	23.25	25.55	PASS
Band13	10MHz	16QAM	23230	50RB#0	22.22	24.52	PASS

## Peak-to-Average Ratio(CCDF)

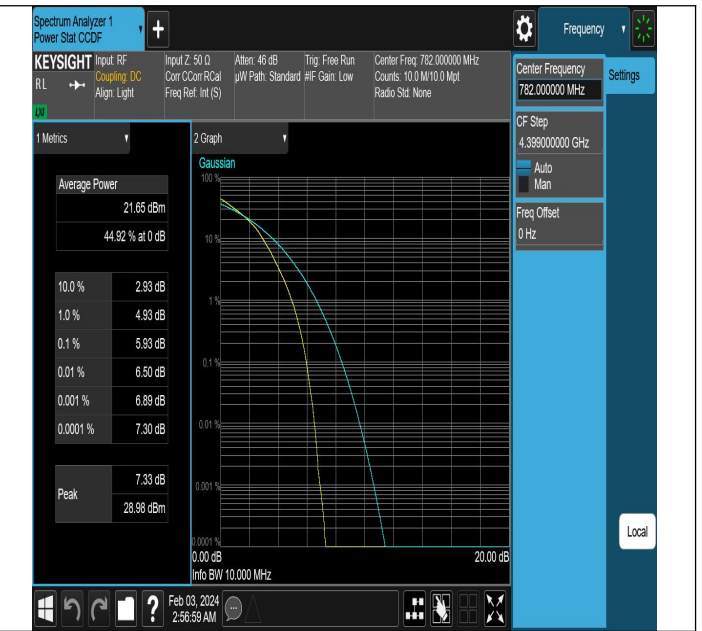
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	5.07	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.93	13	PASS

Test Graphs



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



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

## 26dB Bandwidth and Occupied Bandwidth

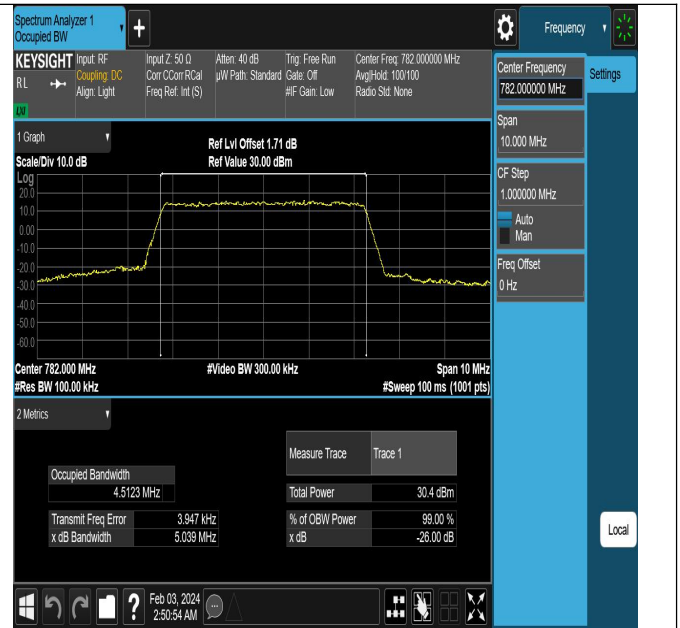
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	4.4953	4.987	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5123	5.039	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9598	9.876	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9501	9.816	PASS

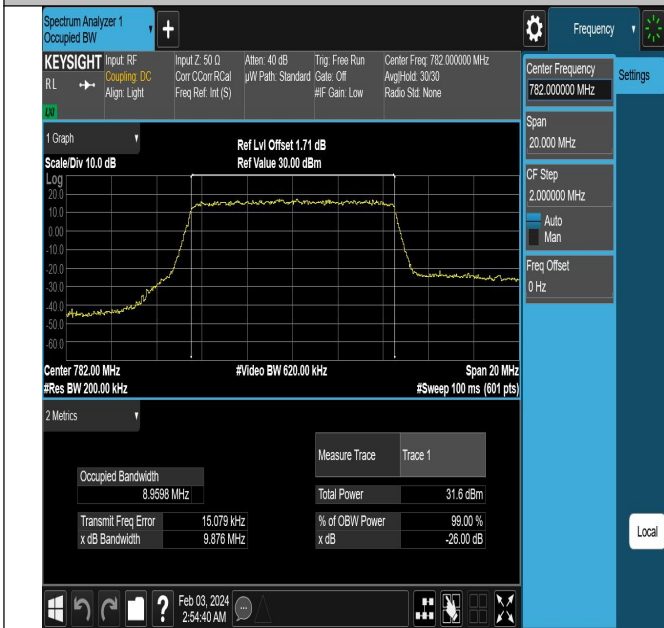
Test Graphs



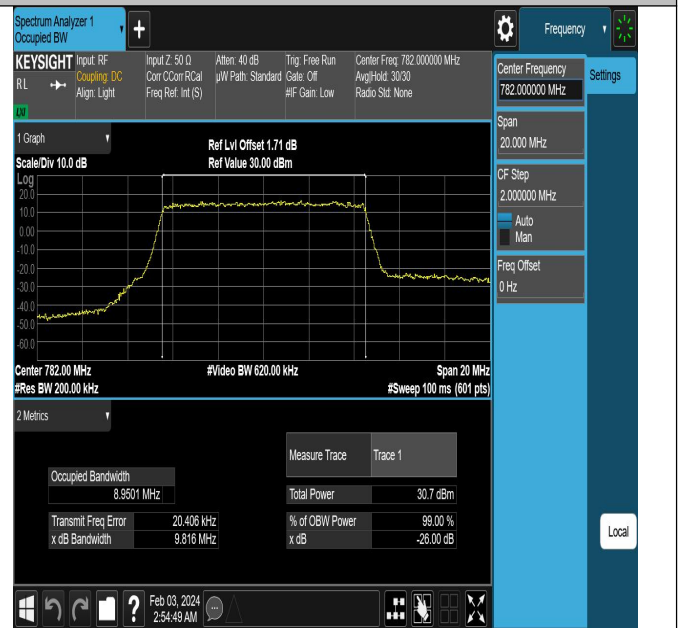
Band13-5MHz-QPSK-23230-25RB#0-PASS



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



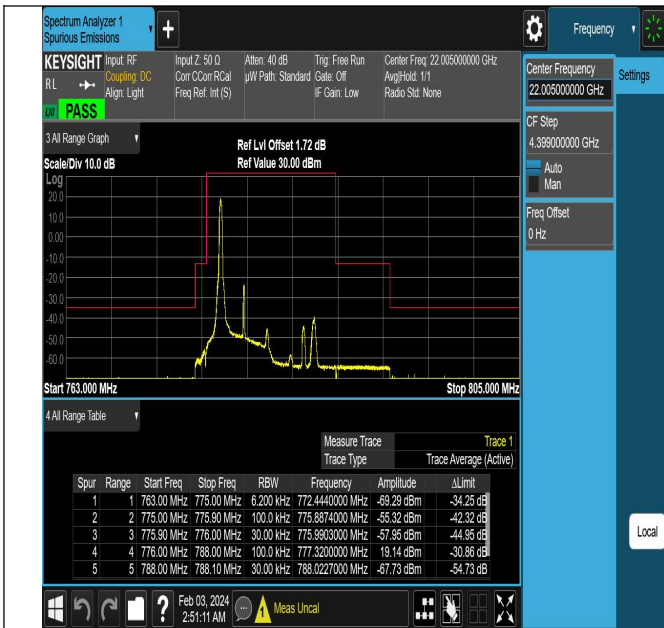
Band13-10MHz-QPSK-23230-50RB#0-PASS



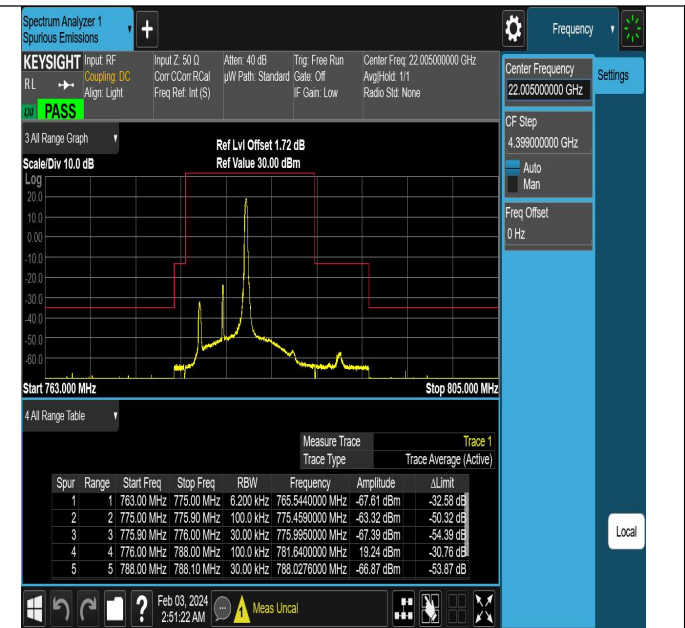
Band13-10MHz-16QAM-23230-50RB#0-PASS

# Band Edge

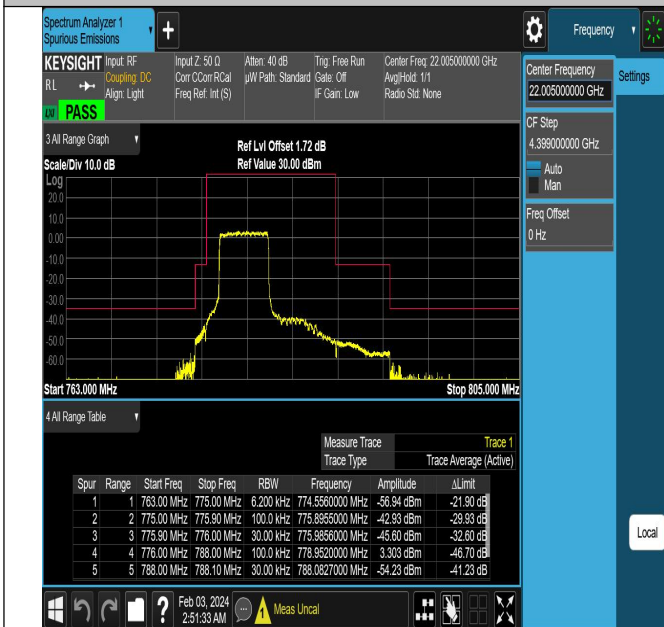
## Test Graphs



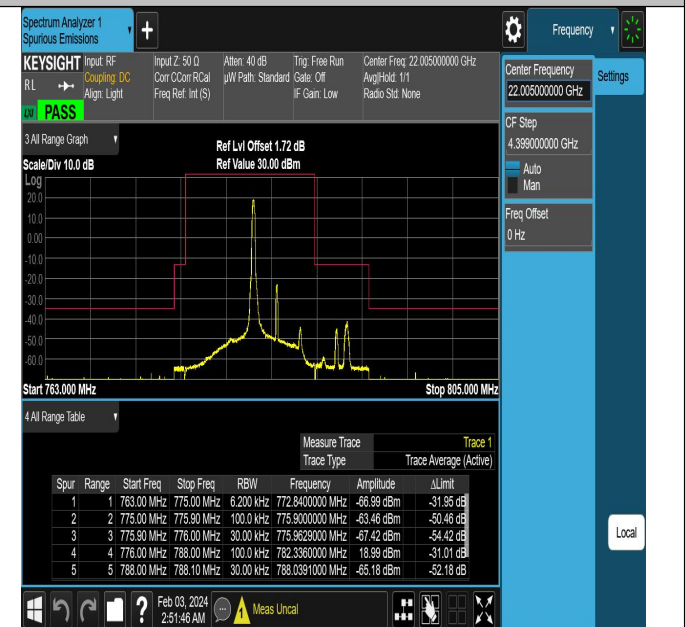
Band13\_5MHz\_QPSK\_23205\_1RB#0



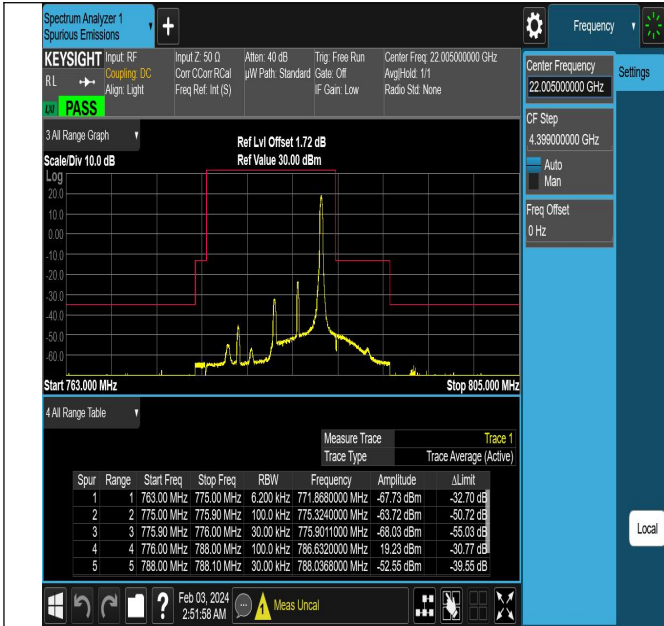
Band13\_5MHz\_QPSK\_23205\_1RB#24



Band13\_5MHz\_QPSK\_23205\_25RB#0



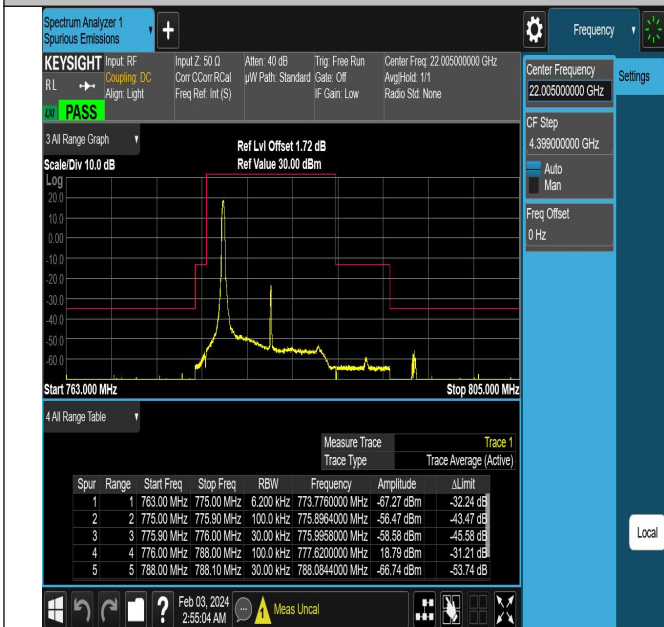
Band13\_5MHz\_QPSK\_23255\_1RB#0



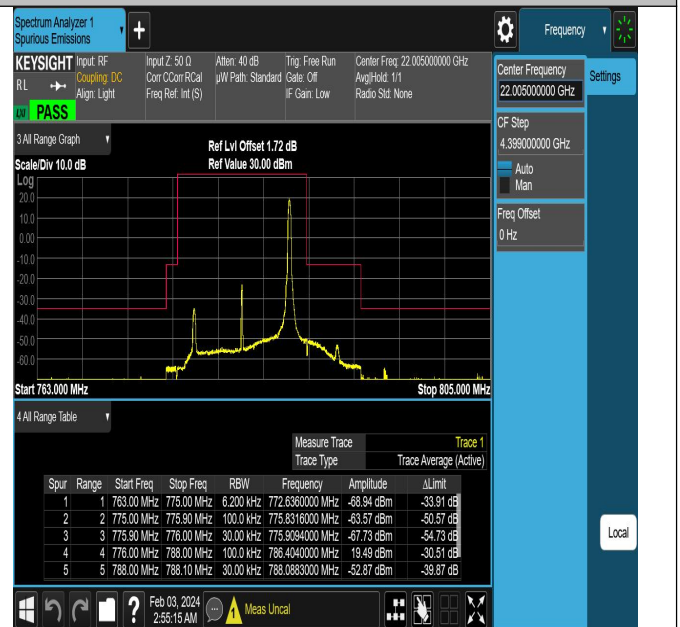
Band13\_5MHz\_QPSK\_23255\_1RB#24



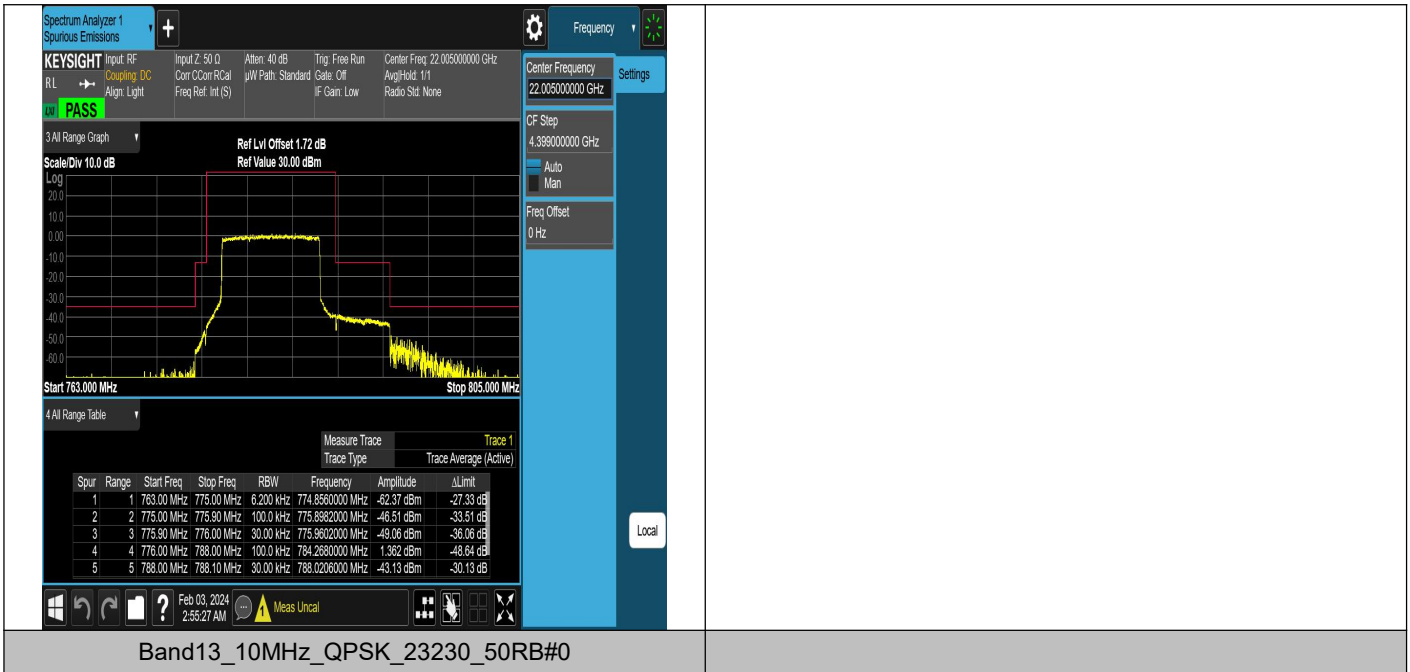
Band13\_5MHz\_QPSK\_23255\_25RB#0



Band13\_10MHz\_QPSK\_23230\_1RB#0



Band13\_10MHz\_QPSK\_23230\_1RB#49





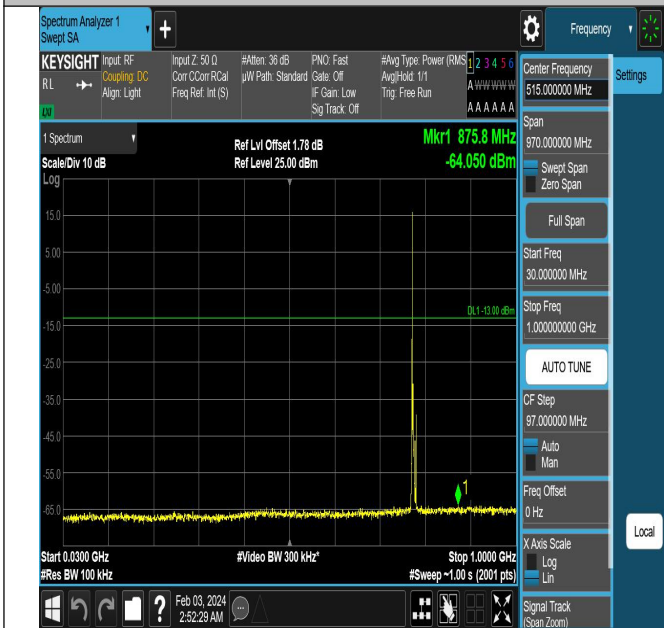
# Conducted Spurious Emission

## Test Graphs



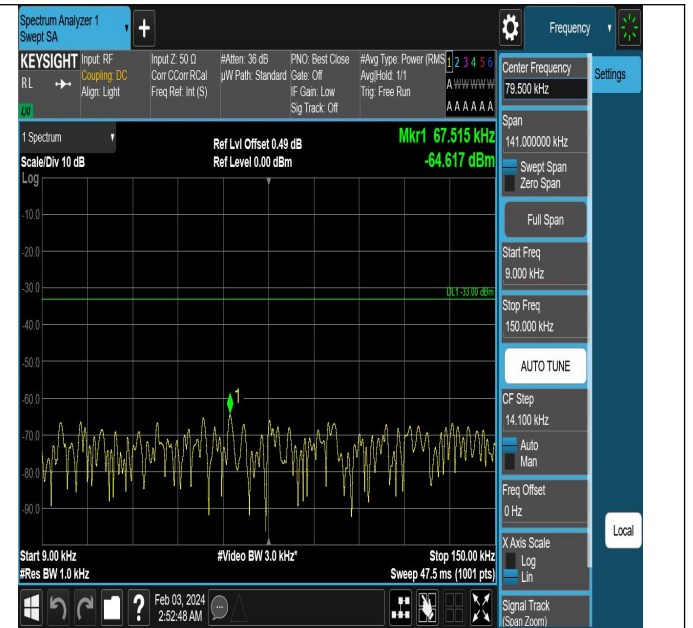
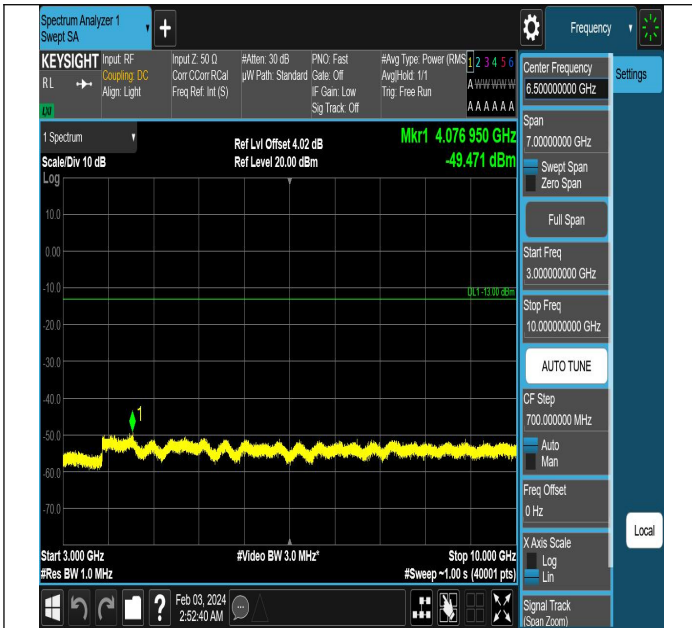
Band13\_5MHz\_QPSK\_23205\_1RB#0\_0.009~0.15\_0.009~0.1  
5

Band13\_5MHz\_QPSK\_23205\_1RB#0\_0.15~30\_0.15~30



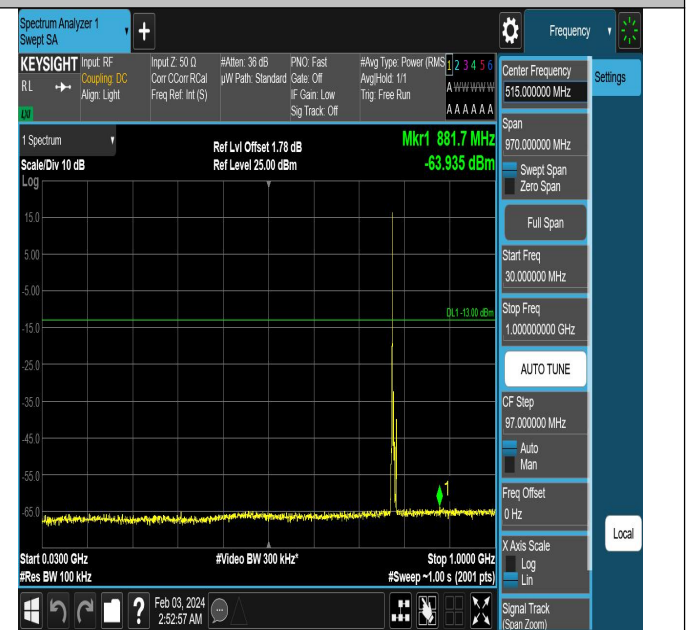
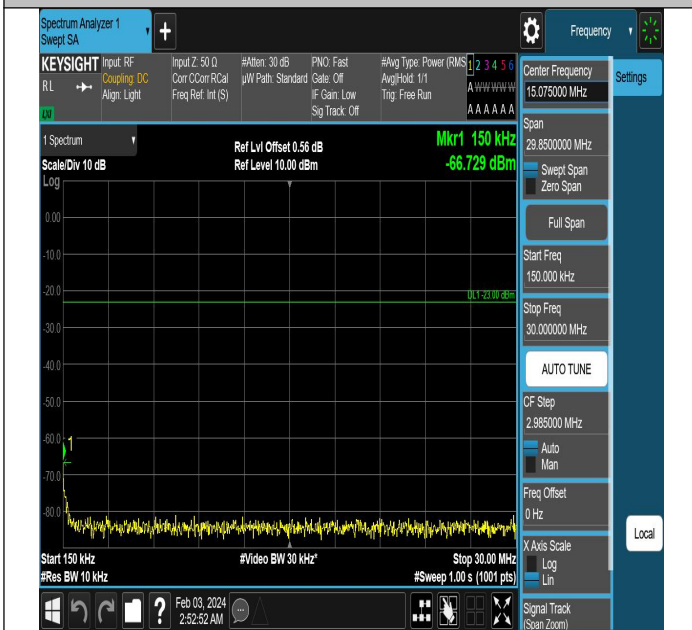
Band13\_5MHz\_QPSK\_23205\_1RB#0\_30~1000\_30~1000

Band13\_5MHz\_QPSK\_23205\_1RB#0\_1000~3000\_1000~3000



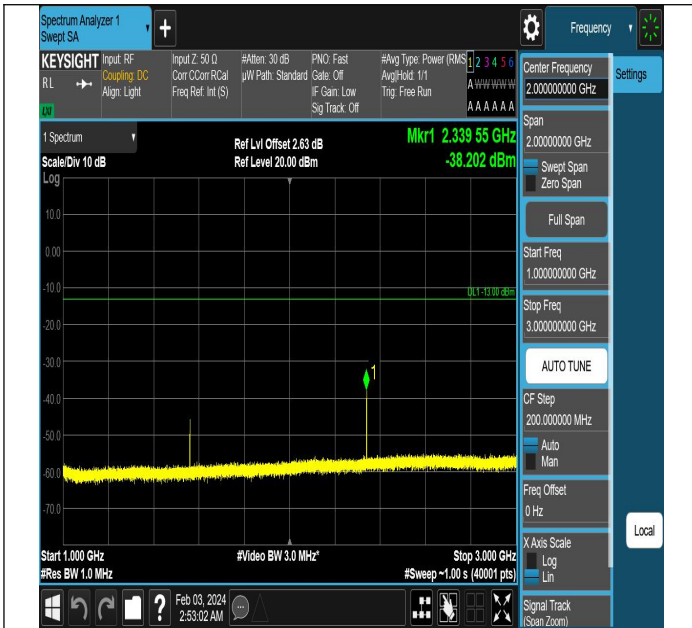
Band13\_5MHz\_QPSK\_23205\_1RB#0\_3000~10000\_3000~10000

Band13\_5MHz\_QPSK\_23230\_1RB#0\_0.009~0.15\_0.009~0.15



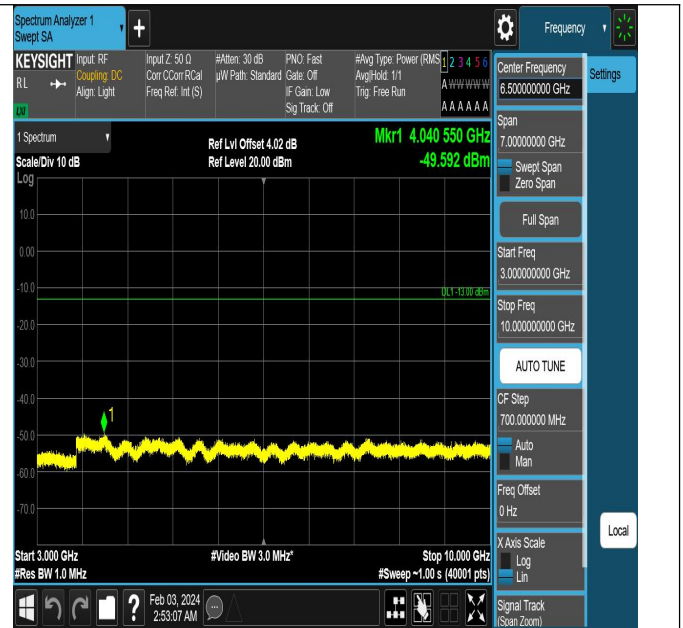
Band13\_5MHz\_QPSK\_23230\_1RB#0\_0.15~30\_0.15~30

Band13\_5MHz\_QPSK\_23230\_1RB#0\_30~1000\_30~1000



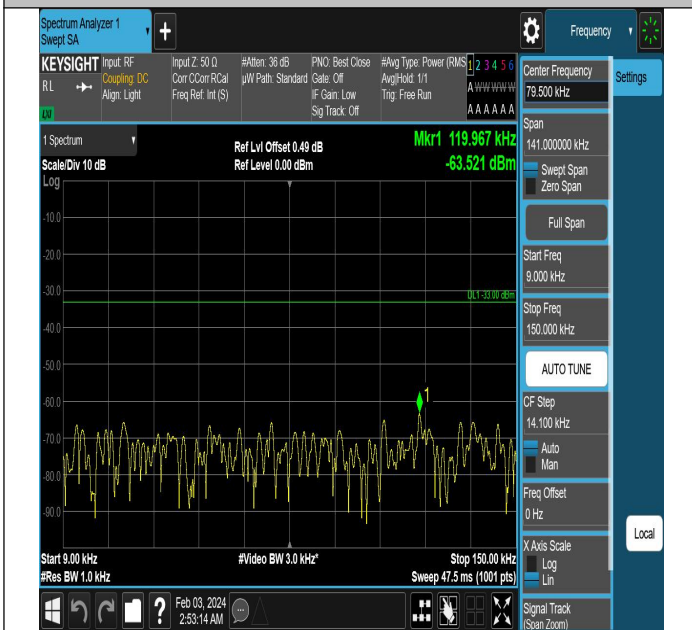
Band13\_5MHz\_QPSK\_23230\_1RB#0\_1000~3000\_1000~3000

0



Band13\_5MHz\_QPSK\_23230\_1RB#0\_3000~10000\_3000~10000

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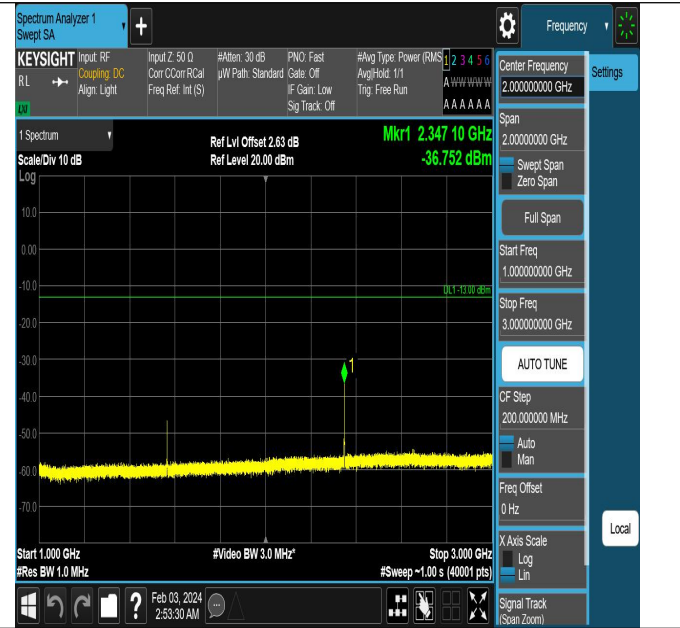
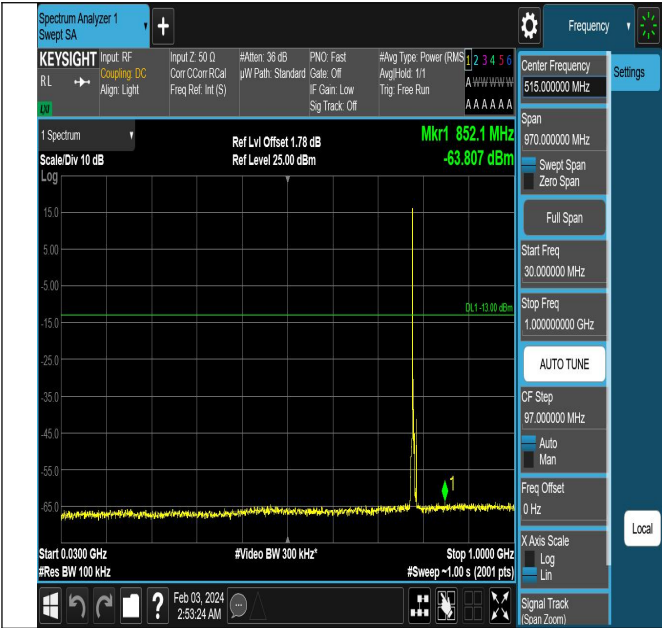


Band13\_5MHz\_QPSK\_23255\_1RB#0\_0.009~0.15\_0.009~0.1

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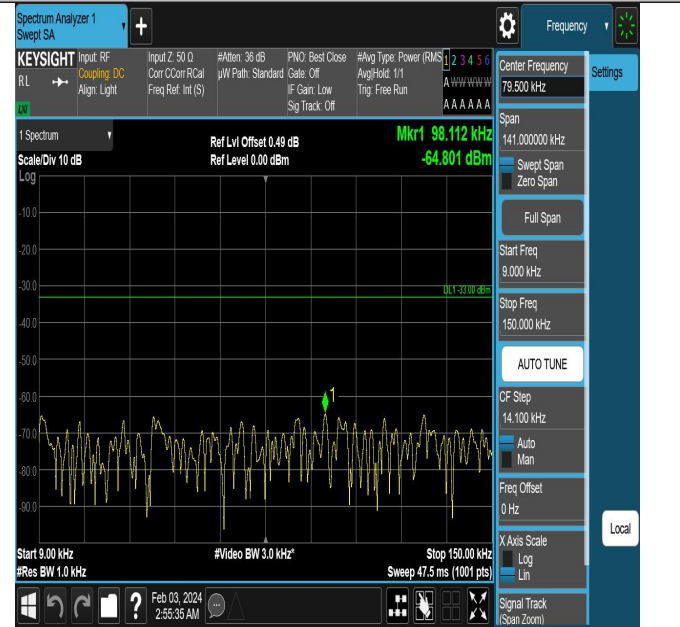
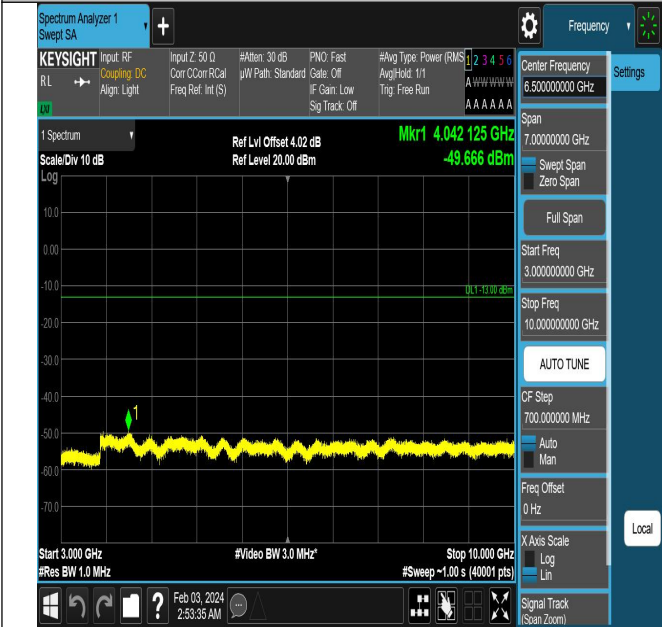


Band13\_5MHz\_QPSK\_23255\_1RB#0\_0.15~30\_0.15~30



Band13\_5MHz\_QPSK\_23255\_1RB#0\_30~1000\_30~1000

Band13\_5MHz\_QPSK\_23255\_1RB#0\_1000~3000\_1000~3000

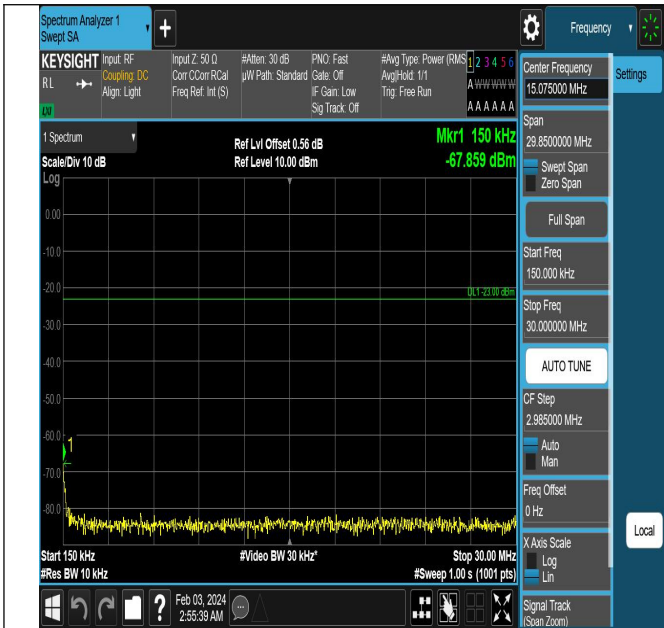


Band13\_5MHz\_QPSK\_23255\_1RB#0\_3000~10000\_3000~10

Band13\_10MHz\_QPSK\_23230\_1RB#0\_0.009~0.15\_0.009~0.1

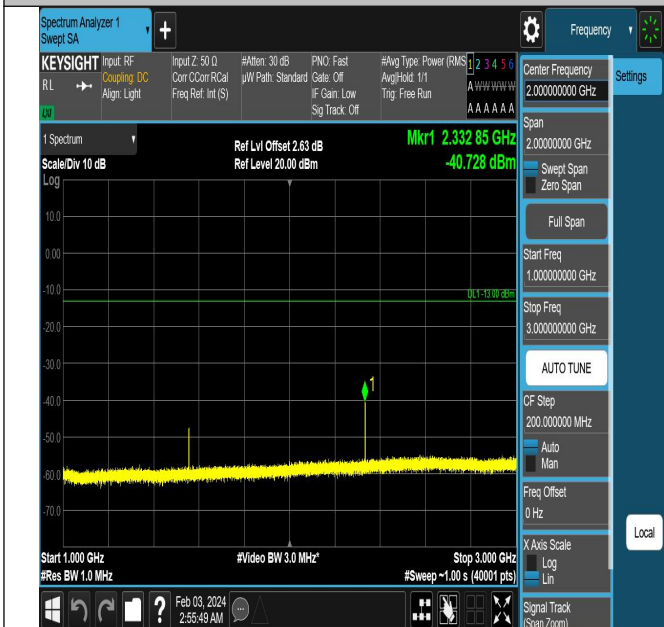
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Band13\_10MHz\_QPSK\_23230\_1RB#0\_0.15~30\_0.15~30

Band13\_10MHz\_QPSK\_23230\_1RB#0\_30~1000\_30~1000



Band13\_10MHz\_QPSK\_23230\_1RB#0\_1000~3000\_1000~30

Band13\_10MHz\_QPSK\_23230\_1RB#0\_3000~10000\_3000~10

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## Frequency Stability

### Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-1.61	-0.002059	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-1.42	-0.001816	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-3.37	-0.004309	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-3.16	-0.004041	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-2.50	-0.003197	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-2.23	-0.002852	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-1.44	-0.001841	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-2.52	-0.003223	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-2.53	-0.003235	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	-3.77	-0.004821	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-3.72	-0.004757	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-2.45	-0.003133	±2.5	PASS