

## Effective (Isotropic) Radiated Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Power(dBm)	E(IRP)(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.09	24.07	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.99	22.97	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.94	23.92	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.85	22.83	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.10	24.08	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.05	23.03	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.04	23.02	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.03	22.01	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.15	24.13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.97	22.95	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.01	23.99	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.86	22.84	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.09	24.07	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.95	22.93	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.98	22.96	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.87	21.85	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.95	23.93	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.89	22.87	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.63	23.61	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.64	22.62	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.74	23.72	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.73	22.71	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.74	22.72	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.74	21.72	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.96	23.94	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.96	22.94	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.95	23.93	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.97	22.95	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.85	23.83	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.85	22.83	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.91	22.89	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.91	21.89	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.01	23.99	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.84	22.82	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.03	24.01	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.89	22.87	PASS

Band5	3MHz	QPSK	20525	1RB#14	23.91	23.89	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.76	22.74	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.01	22.99	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.93	21.91	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.81	23.79	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.77	22.75	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.76	23.74	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.85	22.83	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.63	23.61	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.73	22.71	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.82	22.8	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.83	21.81	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.99	23.97	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.94	22.92	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.01	23.99	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.89	22.87	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.98	23.96	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.91	22.89	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.95	22.93	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.95	21.93	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.89	23.87	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.94	22.92	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.04	24.02	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.09	23.07	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.93	23.91	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.92	22.9	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.94	22.92	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.90	21.88	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.99	23.97	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.83	22.81	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.92	23.9	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.81	22.79	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.72	23.7	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.61	22.59	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.75	22.73	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.77	21.75	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.77	23.75	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.81	22.79	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.72	23.7	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.76	22.74	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.68	23.66	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.69	22.67	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.64	22.62	PASS

Band5	10MHz	16QAM	20450	50RB#0	21.63	21.61	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.74	23.72	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.55	22.53	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.84	23.82	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.70	22.68	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.62	23.6	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.44	22.42	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.66	22.64	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.68	21.66	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.62	23.6	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.40	22.38	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.71	23.69	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.48	22.46	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.40	23.38	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.23	22.21	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.57	22.55	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.58	21.56	PASS

## Peak-to-Average Ratio(CCDF)

### Test Result

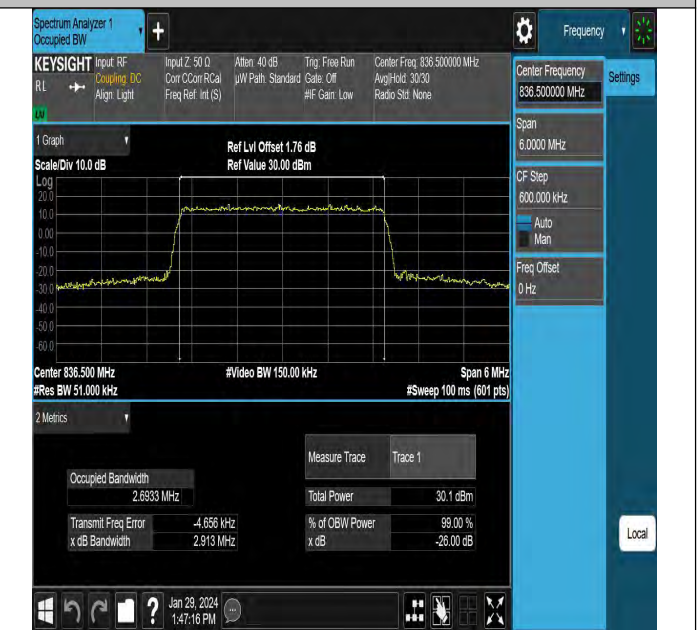
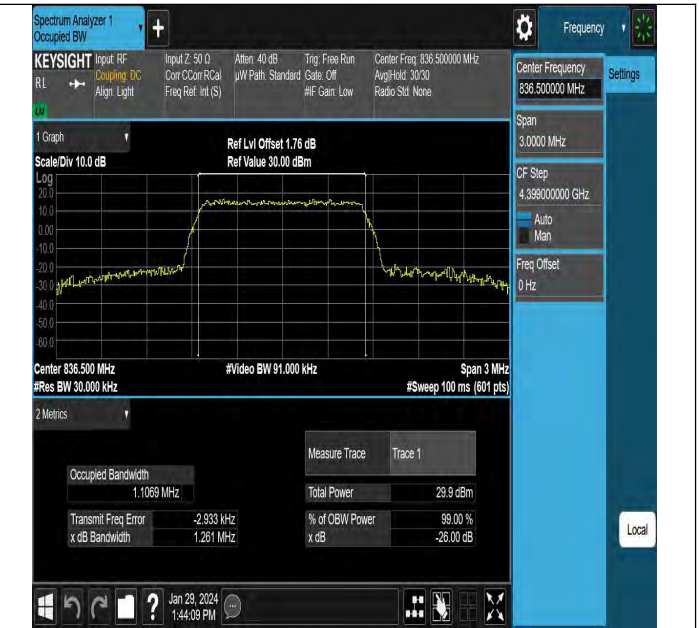
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20525	50RB#0	5.37	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.11	13	PASS

## 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	1.1007	1.266	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1069	1.261	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6963	2.913	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6933	2.913	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4882	4.853	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4950	4.863	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9687	9.663	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9742	9.664	PASS

Test Graphs





Band5-5MHz-QPSK-20525-25RB#0-PASS



Band5-5MHz-16QAM-20525-25RB#0-PASS



Band5-10MHz-QPSK-20525-50RB#0-PASS



Band5-10MHz-16QAM-20525-50RB#0-PASS

# Band Edge

## Test Graphs



Band5\_1.4MHz\_QPSK\_20407\_1RB#0



Band5\_1.4MHz\_QPSK\_20407\_1RB#5



Band5\_1.4MHz\_QPSK\_20407\_6RB#0



Band5\_1.4MHz\_QPSK\_20643\_1RB#0

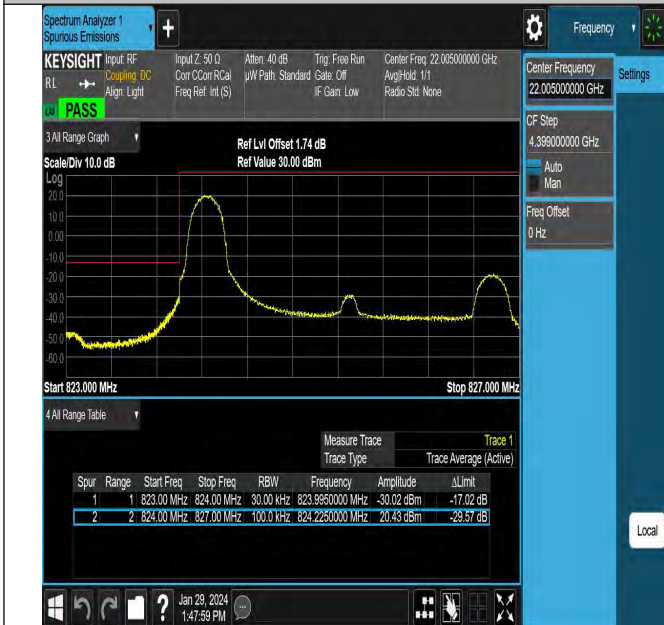




Band5\_1.4MHz\_QPSK\_20643\_1RB#5



Band5\_1.4MHz\_QPSK\_20643\_6RB#0



Band5\_3MHz\_QPSK\_20415\_1RB#0



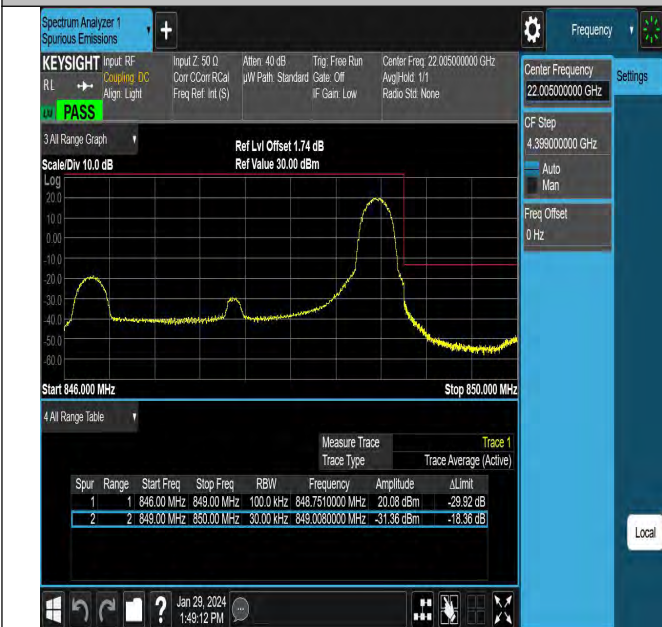
Band5\_3MHz\_QPSK\_20415\_1RB#14



Band5\_3MHz\_QPSK\_20415\_15RB#0



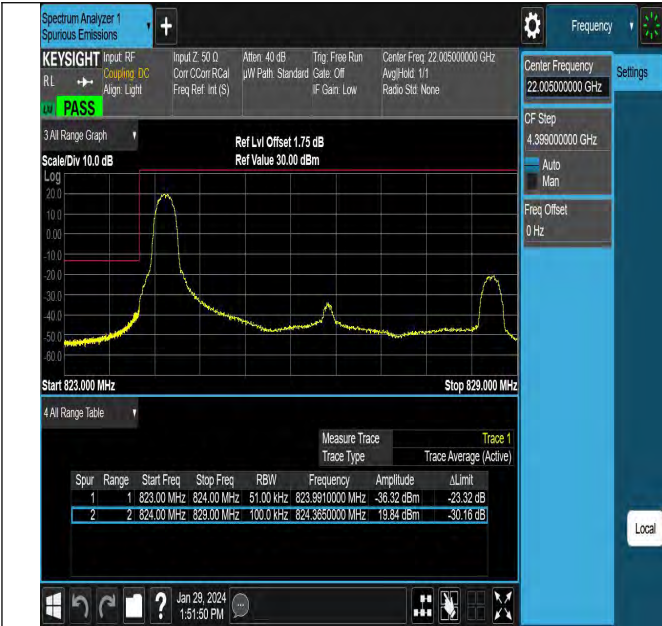
Band5\_3MHz\_QPSK\_20635\_1RB#0



Band5\_3MHz\_QPSK\_20635\_1RB#14



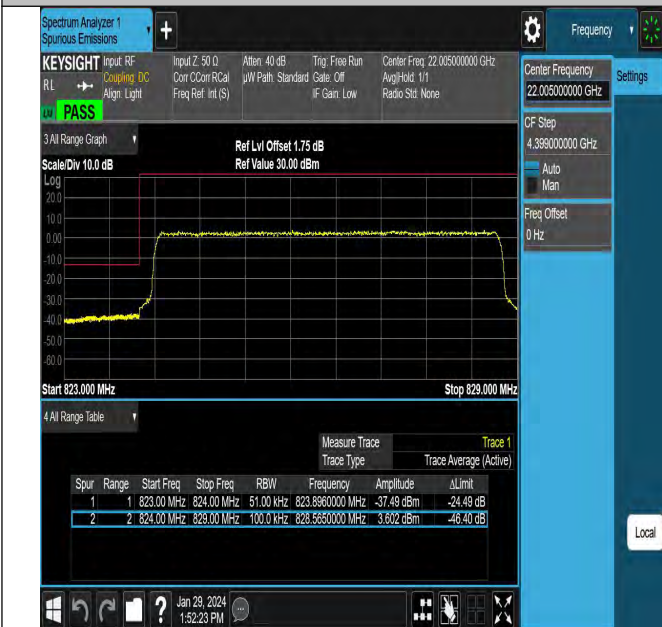
Band5\_3MHz\_QPSK\_20635\_15RB#0



Band5\_5MHz\_QPSK\_20425\_1RB#0



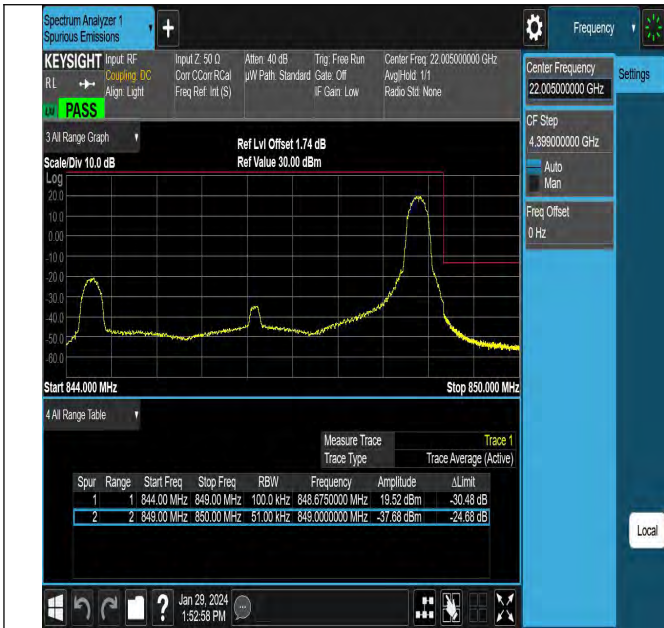
Band5\_5MHz\_QPSK\_20425\_1RB#24



Band5\_5MHz\_QPSK\_20425\_25RB#0



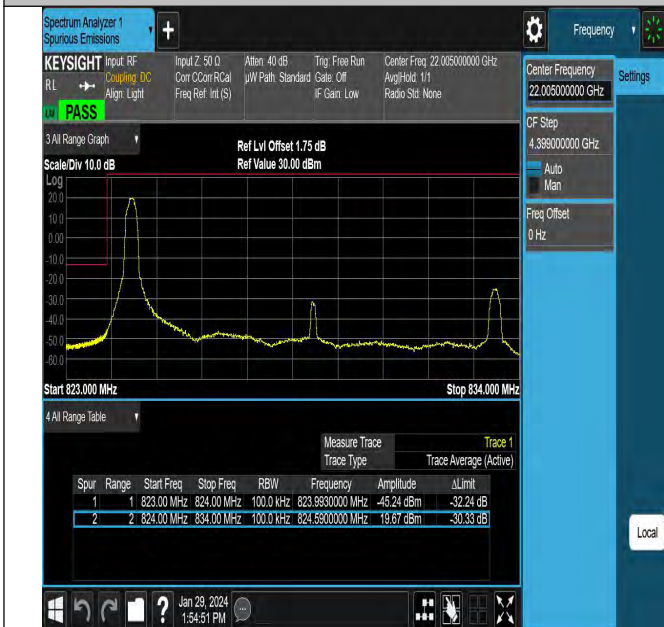
Band5\_5MHz\_QPSK\_20625\_1RB#0



Band5\_5MHz\_QPSK\_20625\_1RB#24



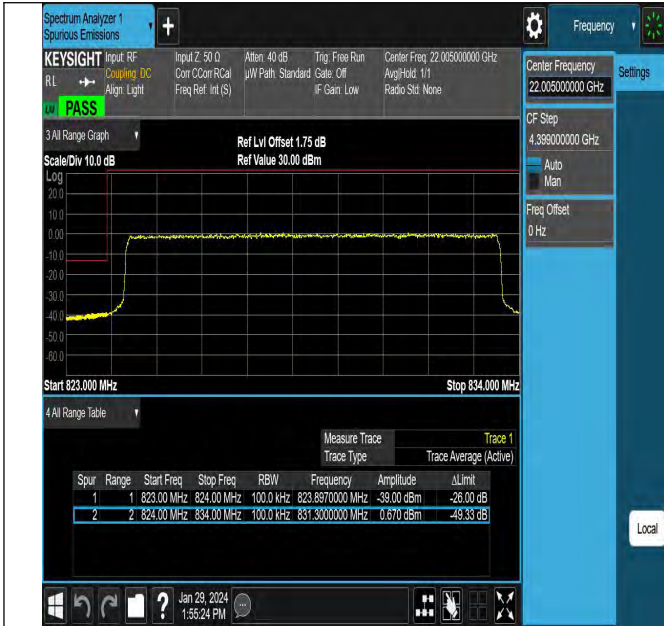
Band5\_5MHz\_QPSK\_20625\_25RB#0



Band5\_10MHz\_QPSK\_20450\_1RB#0



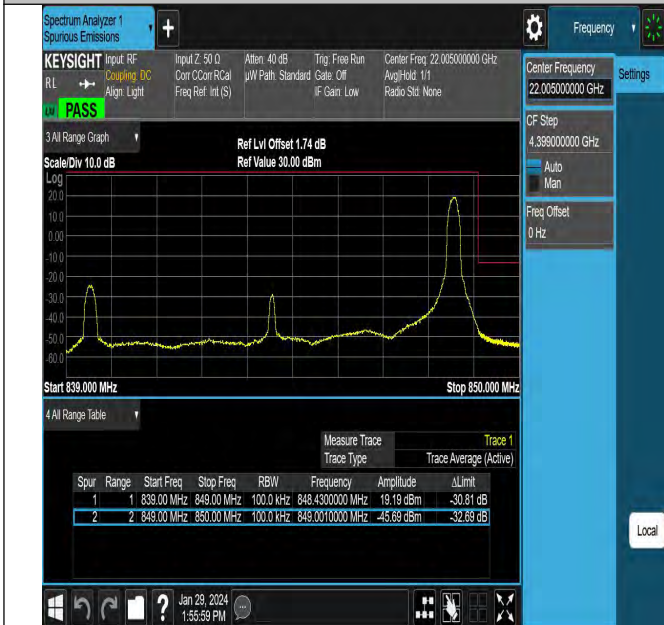
Band5\_10MHz\_QPSK\_20450\_1RB#49



Band5\_10MHz\_QPSK\_20450\_50RB#0



Band5\_10MHz\_QPSK\_20600\_1RB#0



Band5\_10MHz\_QPSK\_20600\_1RB#49



Band5\_10MHz\_QPSK\_20600\_50RB#0

# Conducted Spurious Emission

## Test Graphs



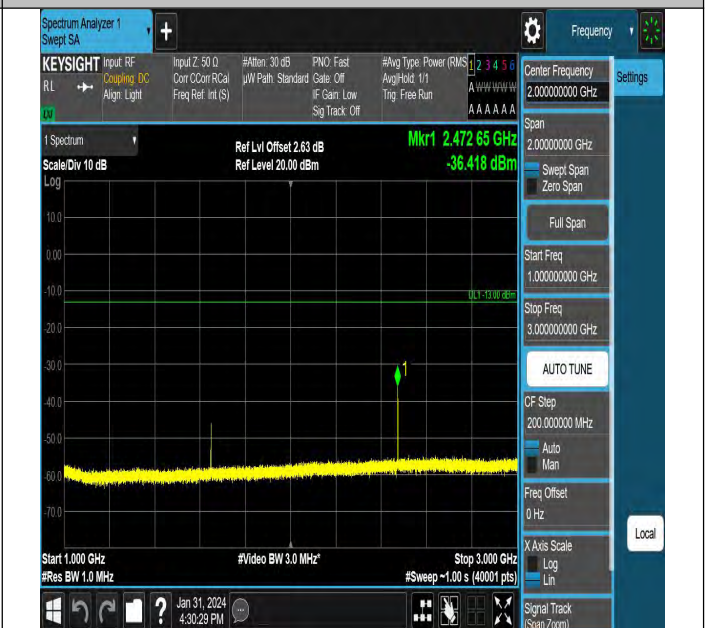
Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_0.009~0.15\_0.009~0.1  
5



Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_0.15~30\_0.15~30



Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_30~1000\_30~1000



Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_1000~3000\_1000~300  
0



Band5\_1.4MHz\_QPSK\_20407\_1RB#0\_3000~10000\_3000~10

000

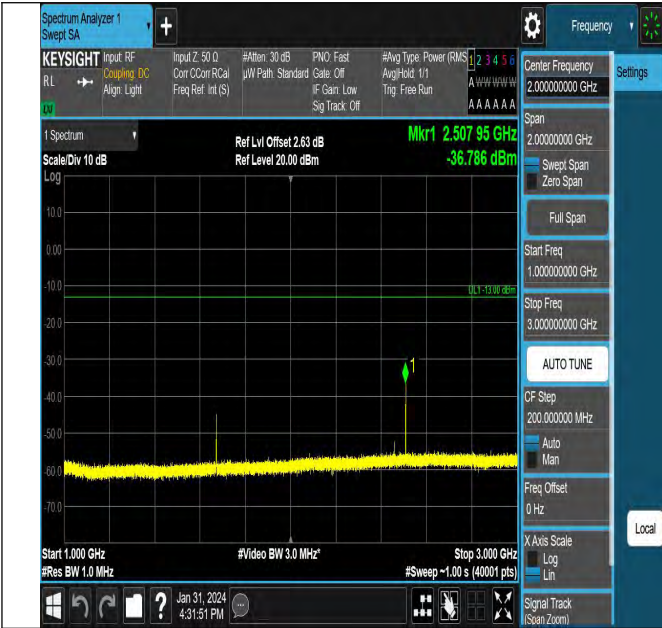
Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_0.009~0.15\_0.009~0.1

5



Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_0.15~30\_0.15~30

Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_30~1000\_30~1000



Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_1000~3000\_1000~300

0

Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_3000~10000\_3000~10

000



Band5\_1.4MHz\_QPSK\_20643\_1RB#0\_0.009~0.15\_0.009~0.1

5

Band5\_1.4MHz\_QPSK\_20643\_1RB#0\_0.15~30\_0.15~30

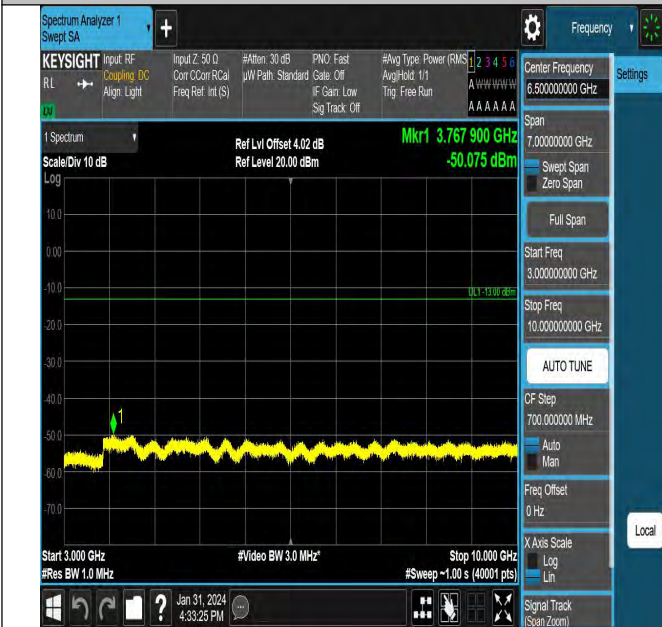




Band5\_1.4MHz\_QPSK\_20643\_1RB#0\_30~1000\_30~1000

Band5\_1.4MHz\_QPSK\_20643\_1RB#0\_1000~3000\_1000~300

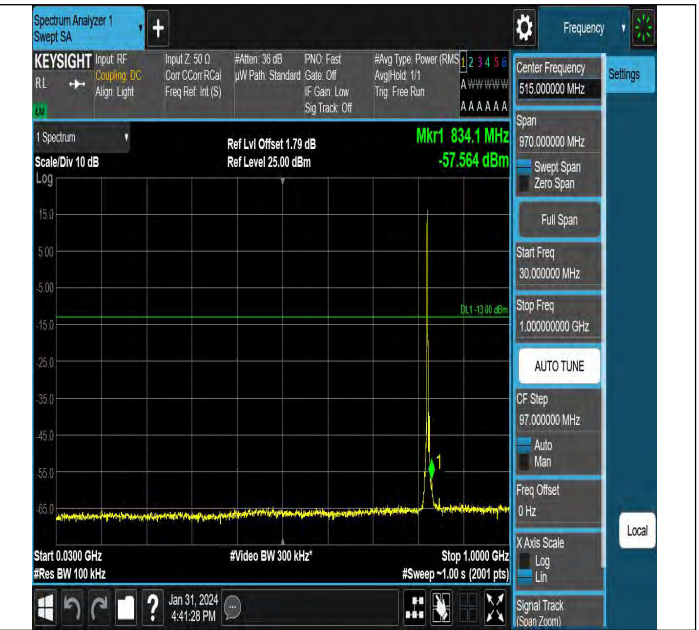
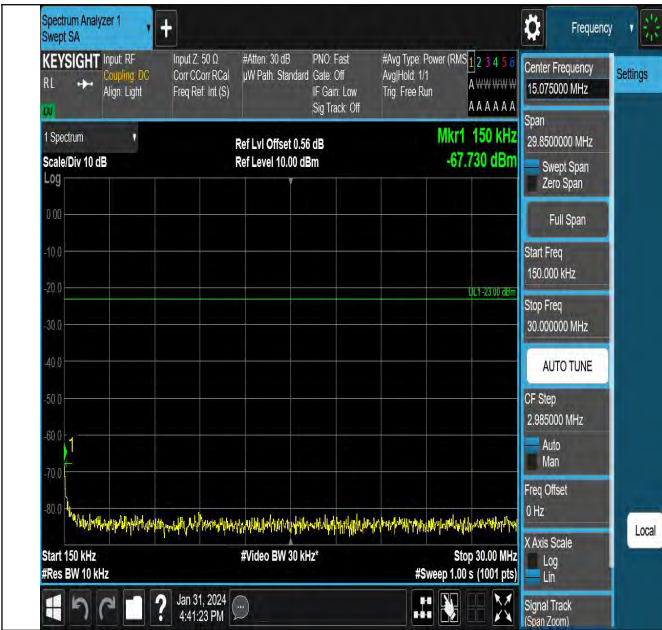
0



Band5\_1.4MHz\_QPSK\_20643\_1RB#0\_3000~10000\_3000~10

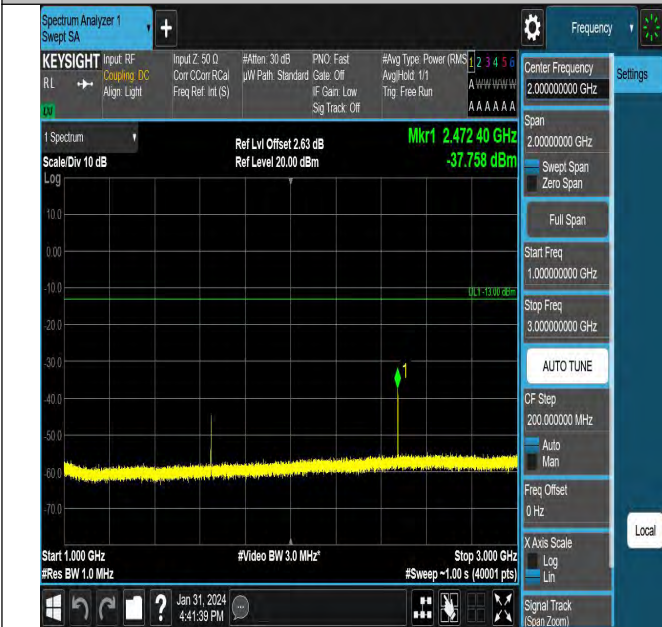
Band5\_3MHz\_QPSK\_20415\_1RB#0\_0.009~0.15\_0.009~0.15

000



Band5\_3MHz\_QPSK\_20415\_1RB#0\_0.15~30\_0.15~30

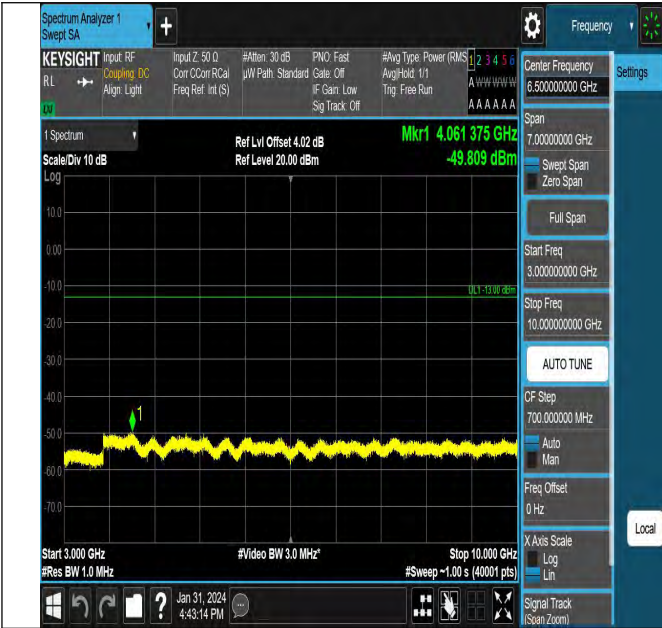
Band5\_3MHz\_QPSK\_20415\_1RB#0\_30~1000\_30~1000



Band5\_3MHz\_QPSK\_20415\_1RB#0\_1000~3000\_1000~3000

Band5\_3MHz\_QPSK\_20415\_1RB#0\_3000~10000\_3000~10000



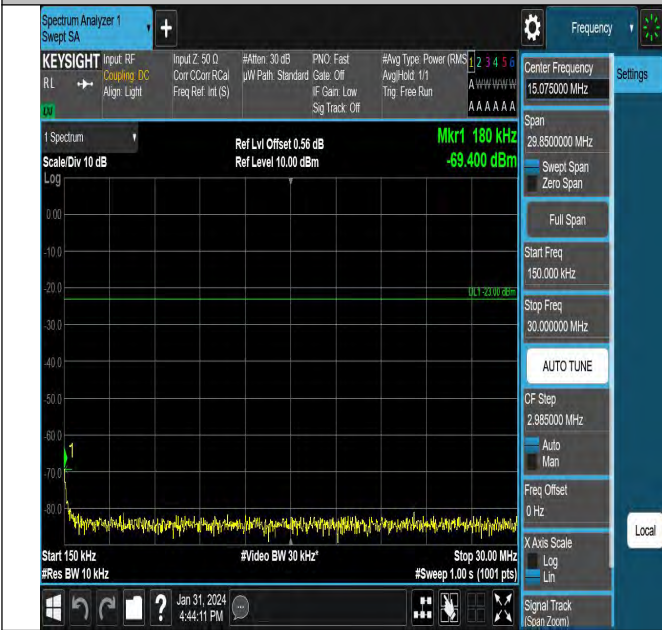


Band5\_3MHz\_QPSK\_20525\_1RB#0\_3000~10000\_3000~100

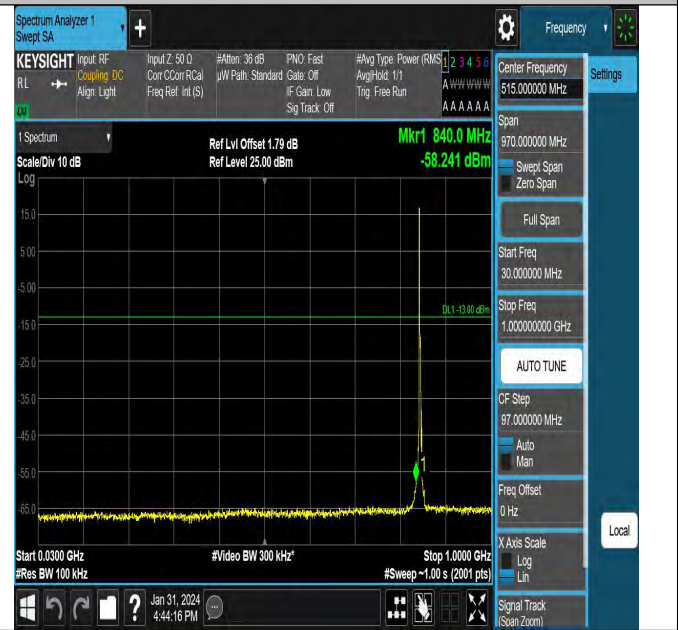
00



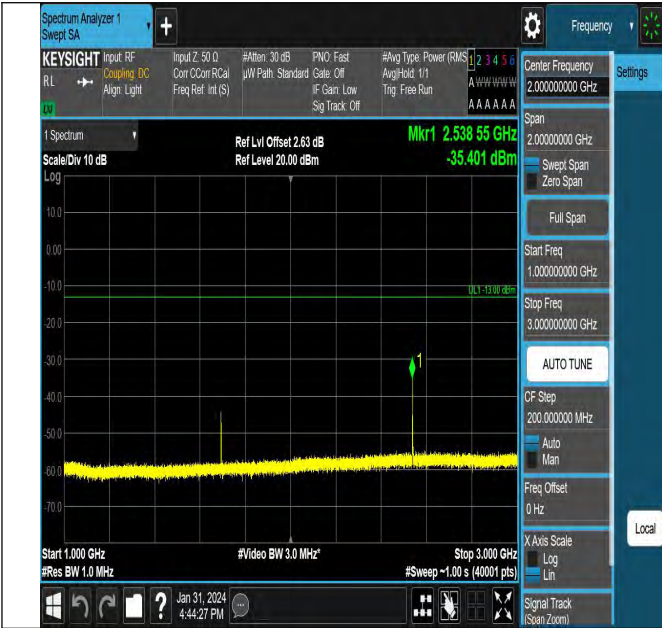
Band5\_3MHz\_QPSK\_20635\_1RB#0\_0.009~0.15\_0.009~0.15



Band5\_3MHz\_QPSK\_20635\_1RB#0\_0.15~30\_0.15~30



Band5\_3MHz\_QPSK\_20635\_1RB#0\_30~1000\_30~1000



Band5\_3MHz\_QPSK\_20635\_1RB#0\_1000~3000\_1000~3000



Band5\_3MHz\_QPSK\_20635\_1RB#0\_3000~10000\_3000~100

00



Band5\_5MHz\_QPSK\_20425\_1RB#0\_0.009~0.15\_0.009~0.15

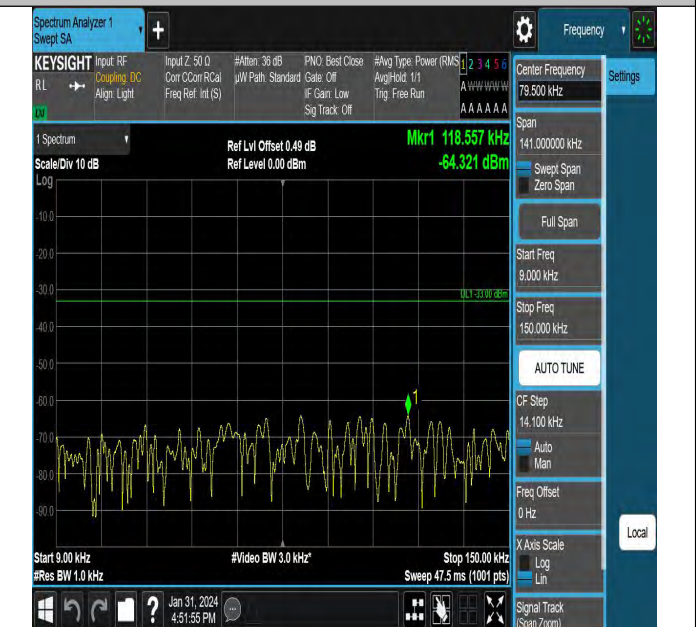
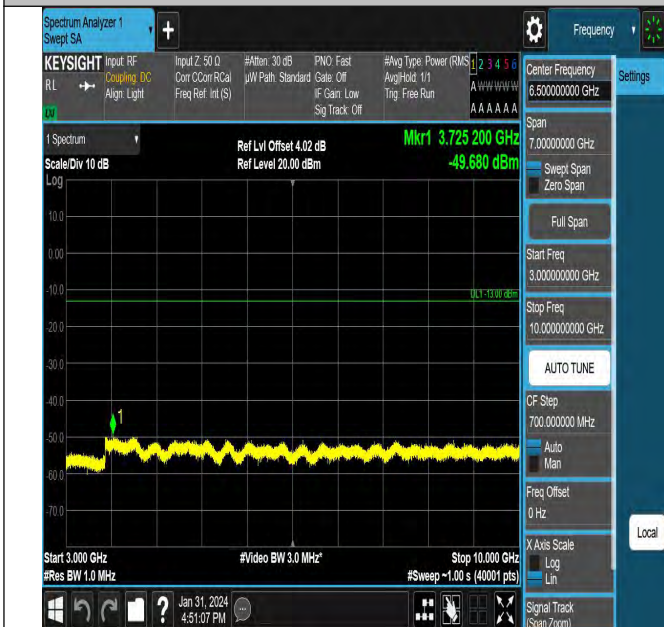


Band5\_5MHz\_QPSK\_20425\_1RB#0\_0.15~30\_0.15~30



Band5\_5MHz\_QPSK\_20425\_1RB#0\_30~1000\_30~1000

Band5\_5MHz\_QPSK\_20425\_1RB#0\_1000~3000\_1000~3000



Band5\_5MHz\_QPSK\_20425\_1RB#0\_3000~10000\_3000~100

Band5\_5MHz\_QPSK\_20525\_1RB#0\_0.009~0.15\_0.009~0.15

00