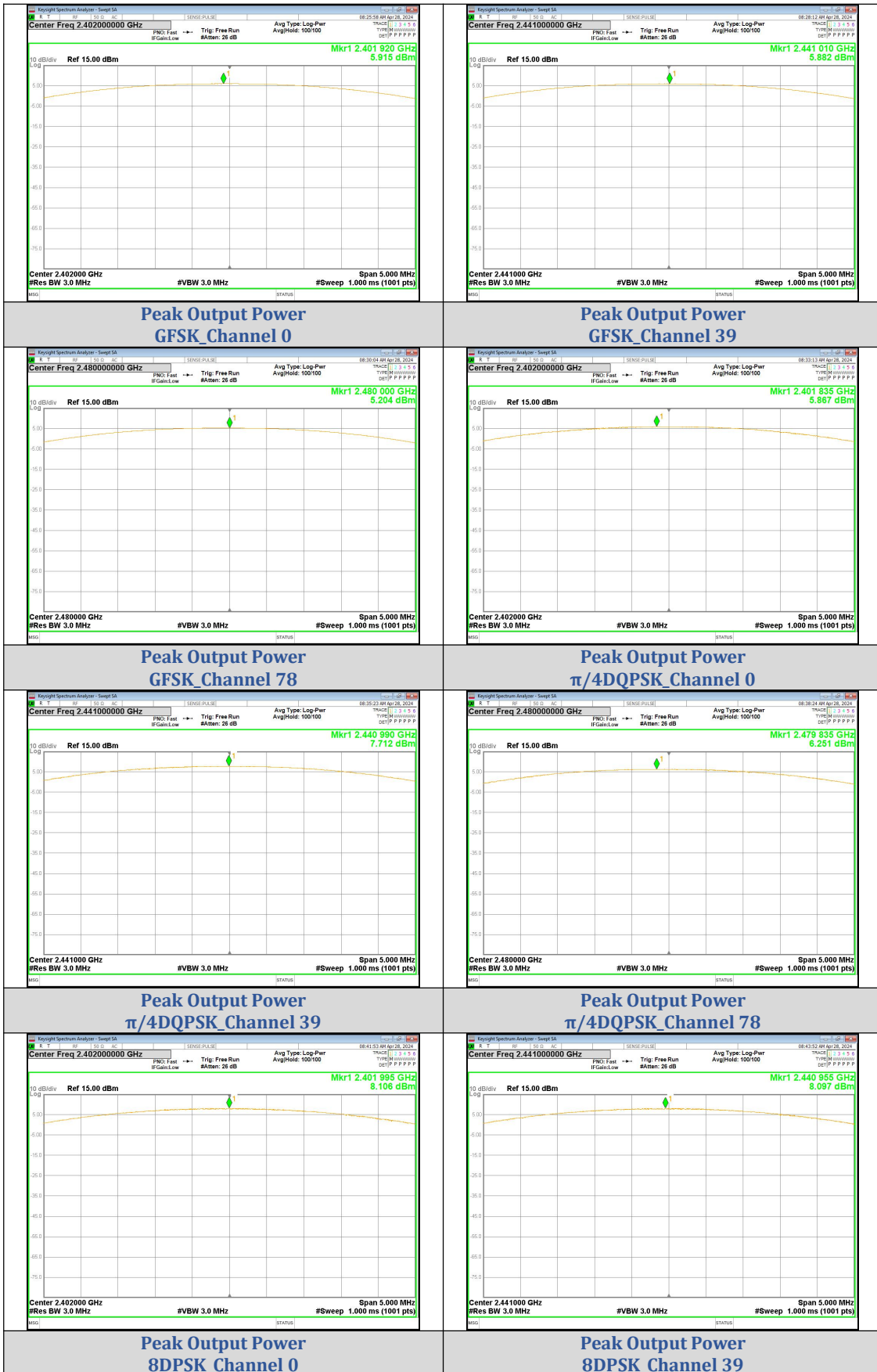


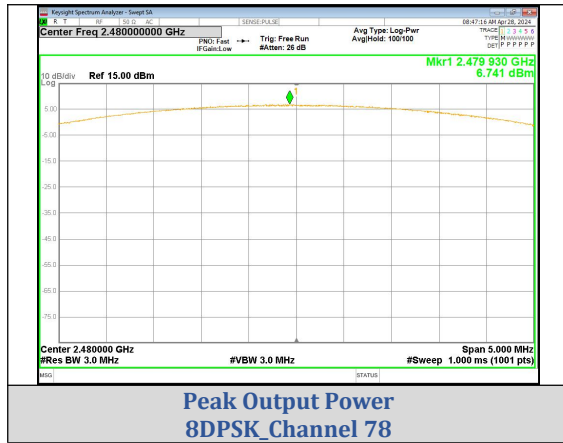
## Conducted Peak Output Power

### Test Result

Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
GFSK	DH5	0	5.915	3.904	30	PASS
		39	5.882	3.874		PASS
		78	5.204	3.314		PASS
$\pi/4$ DQPSK	2-DH5	0	5.867	3.861	20.97	PASS
		39	7.712	5.905		PASS
		78	6.251	4.218		PASS
8DPSK	3-DH5	0	8.106	6.465		PASS
		39	8.097	6.452		PASS
		78	6.741	4.722		PASS

Test Graphs



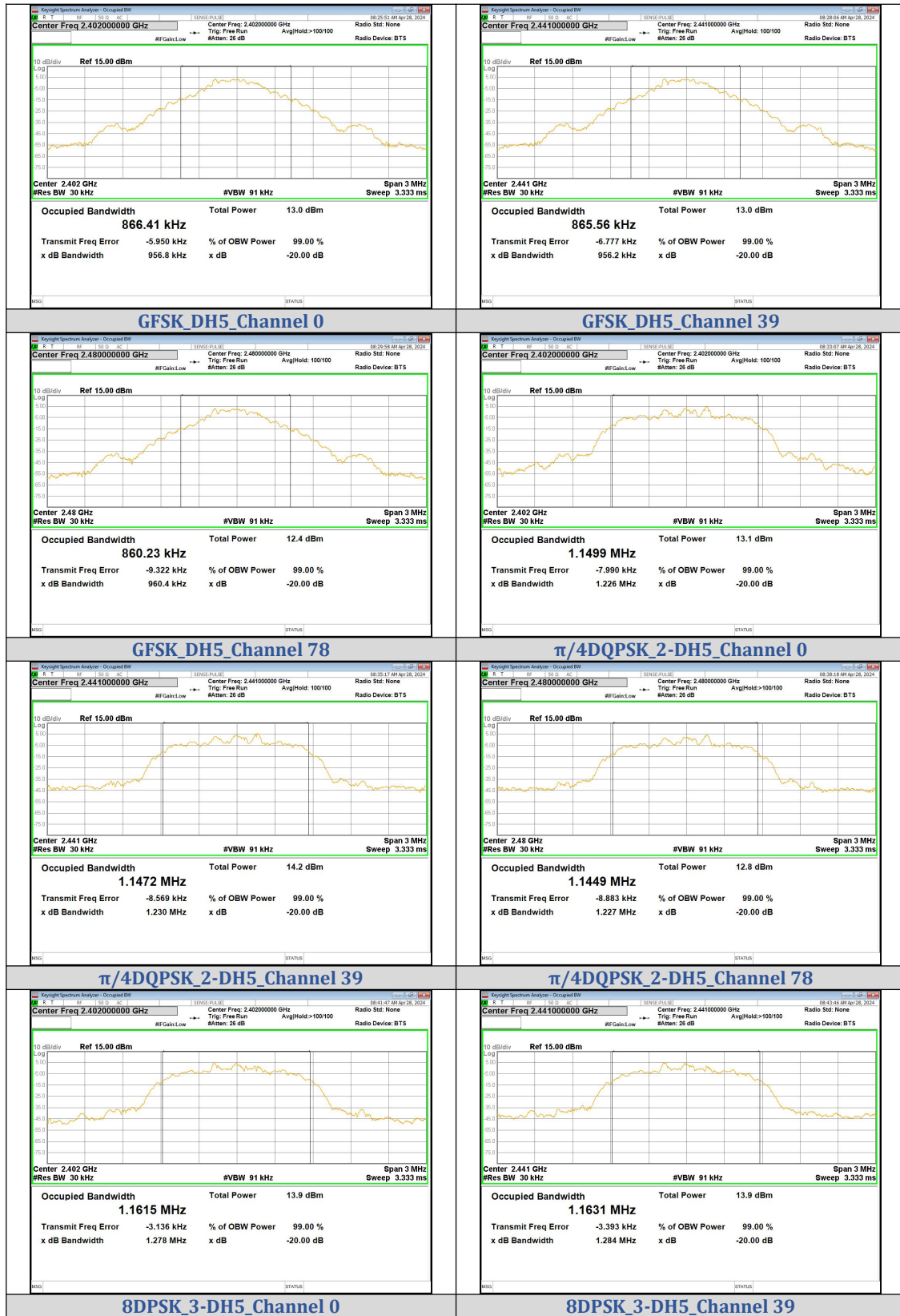


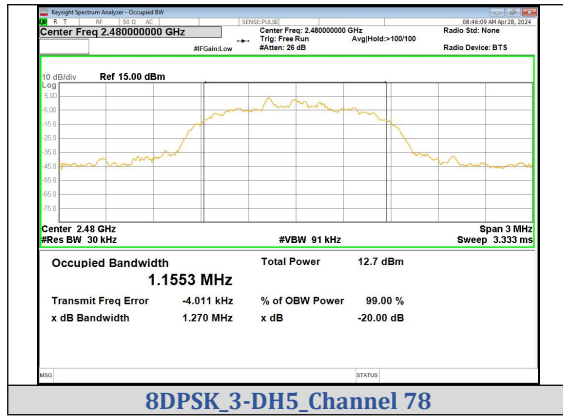
## 20dB Bandwidth

### Test Result

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9568
	39	2441 MHz	0.9562
	78	2480 MHz	0.9604
$\pi/4$ DQPSK	0	2402 MHz	1.226
	39	2441 MHz	1.230
	78	2480 MHz	1.227
8DPSK	0	2402 MHz	1.278
	39	2441 MHz	1.284
	78	2480 MHz	1.270

Test Graphs





## Carrier Frequencies Separation

### Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.1743	2441.0294	0.8551	0.637	PASS
$\pi/4$ DQPSK	2-DH5	2439.8125	2440.8254	1.0129	0.82	PASS
8DPSK	3-DH5	2439.8386	2440.8278	0.9892	0.856	PASS

### Test Graphs





### Conducted Out Of Band Emission

#### Test Result

#### Non-Hopping

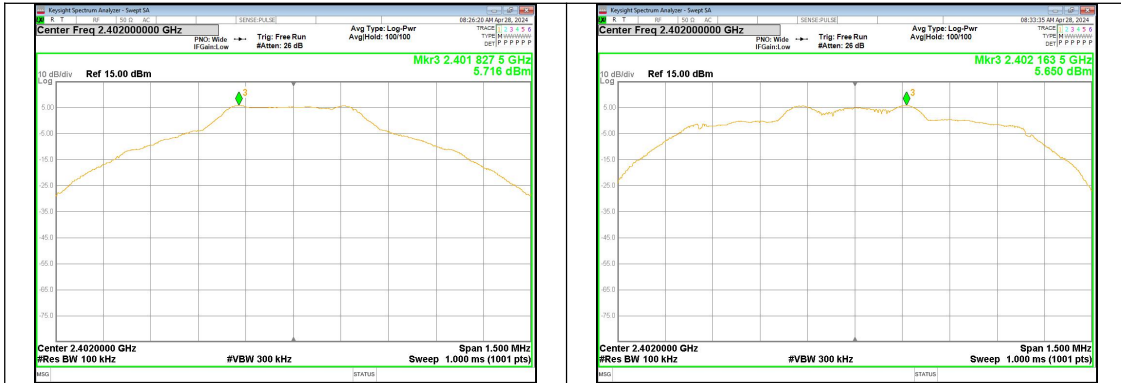
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-56.046	-14.28	-41.766	PASS
			2398.96	-55.618	-14.28	-41.338	PASS
			4803.80	-63.655	-14.28	-49.375	PASS
			7206.60	-64.161	-14.28	-49.881	PASS
			9608.70	-64.932	-14.28	-50.652	PASS
		24582.4	-50.378	-14.28	-36.098	PASS	
		39	4881.79	-63.071	-14.37	-48.701	PASS
			7322.67	-63.770	-14.37	-49.400	PASS
			9764.80	-67.584	-14.37	-53.214	PASS
			24946.9	-50.166	-14.37	-35.796	PASS
		78	2483.50	-61.193	-15.03	-46.163	PASS
			4959.83	-62.321	-15.03	-47.291	PASS
			7439.41	-64.184	-15.03	-49.154	PASS
			9919.62	-65.860	-15.03	-50.830	PASS
			24927.6	-50.694	-15.03	-35.664	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-51.457	-14.35	-37.107	PASS
			4803.76	-64.504	-14.35	-50.154	PASS
			7206.56	-64.394	-14.35	-50.044	PASS
			9608.11	-67.143	-14.35	-52.793	PASS
			24893.2	-50.283	-14.35	-35.933	PASS
		39	4881.79	-62.506	-12.52	-49.986	PASS
			7322.67	-64.688	-12.52	-52.168	PASS
			9763.55	-66.350	-12.52	-53.830	PASS
			24972.5	-50.361	-12.52	-37.841	PASS
		78	2483.50	-60.728	-13.97	-46.758	PASS
			4959.83	-61.987	-13.97	-48.017	PASS
			7440.66	-62.987	-13.97	-49.017	PASS
			9919.62	-66.769	-13.97	-52.799	PASS
			24867.7	-50.365	-13.97	-36.395	PASS
		8DPSK	3-DH5	0	2400.00	-51.463	-12.47
4803.76	-62.305				-12.47	-49.835	PASS
7206.56	-63.066				-12.47	-50.596	PASS
9608.11	-65.977				-12.47	-53.507	PASS
24881.4	-50.391				-12.47	-37.921	PASS
39	4881.79			-64.110	-12.53	-51.580	PASS
	7323.30			-63.137	-12.53	-50.607	PASS
	9763.55			-66.442	-12.53	-53.912	PASS
	24968.2			-50.542	-12.53	-38.012	PASS
78	2483.50			-60.952	-13.95	-47.002	PASS
	4959.83			-64.151	-13.95	-50.201	PASS
	7439.41			-63.416	-13.95	-49.466	PASS
	9919.62			-65.657	-13.95	-51.707	PASS
	24930.7			-50.191	-13.95	-36.241	PASS



Hopping

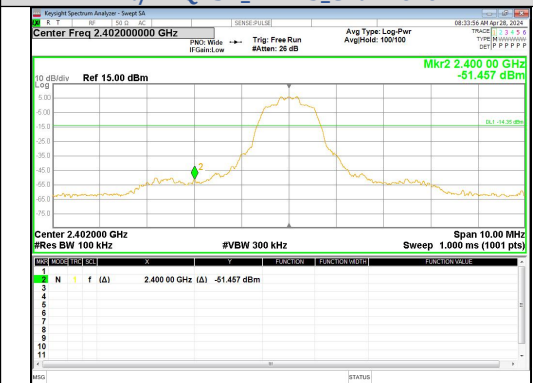
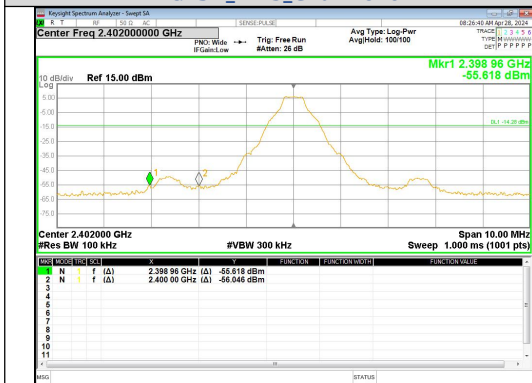
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.95	-56.353	-14.26	-42.093	PASS
			2400.00	-57.051	-14.26	-42.791	PASS
			2483.50	-62.507	-15.56	-46.947	PASS
$\pi/4$ DQPSK	2-DH5		2400.00	-53.096	-12.23	-40.866	PASS
			2483.50	-61.774	-13.7	-48.074	PASS
8DPSK	3-DH5		2400.00	-51.415	-12.22	-39.195	PASS
		2483.50	-61.971	-13.62	-48.351	PASS	

Test Graphs



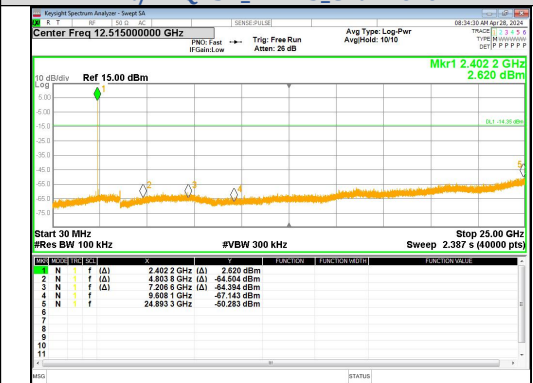
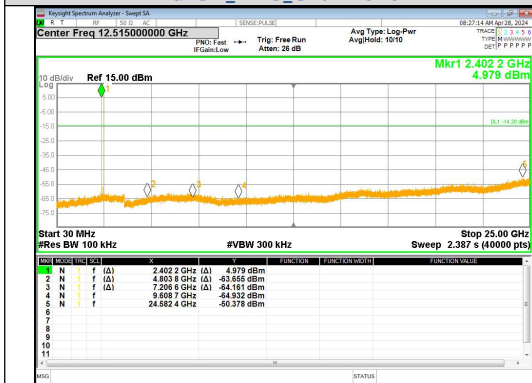
**In-Band Reference Level  
GFSK\_DH5\_Channel 0**

**In-Band Reference Level  
 $\pi/4$ DQPSK\_2-DH5\_Channel 0**



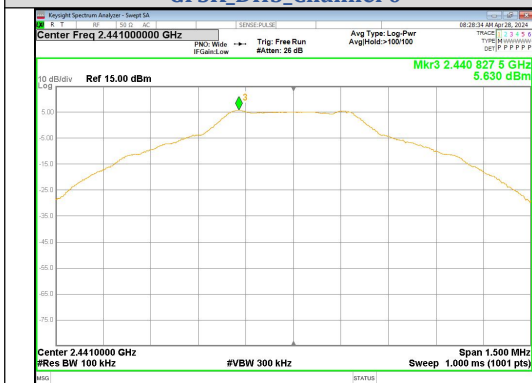
**Out of Band Emission  
GFSK\_DH5\_Channel 0**

**Out of Band Emission  
 $\pi/4$ DQPSK\_2-DH5\_Channel 0**



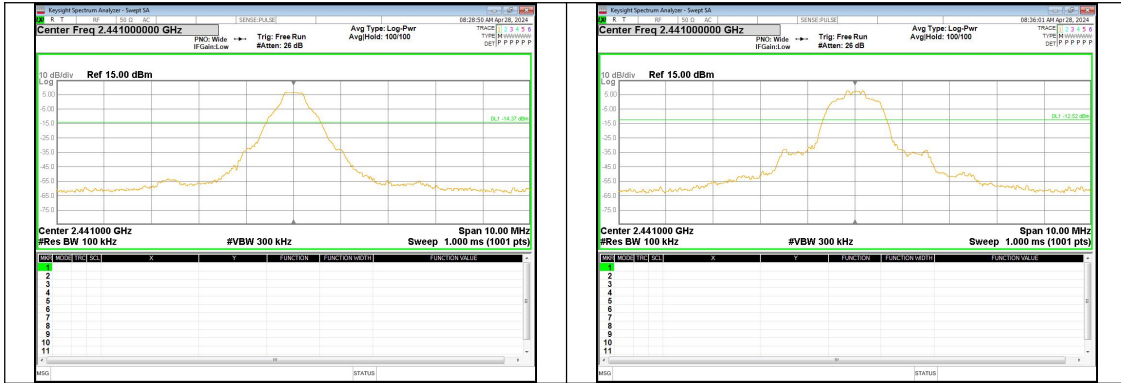
**Spurious Emission  
GFSK\_DH5\_Channel 0**

**Spurious Emission  
 $\pi/4$ DQPSK\_2-DH5\_Channel 0**



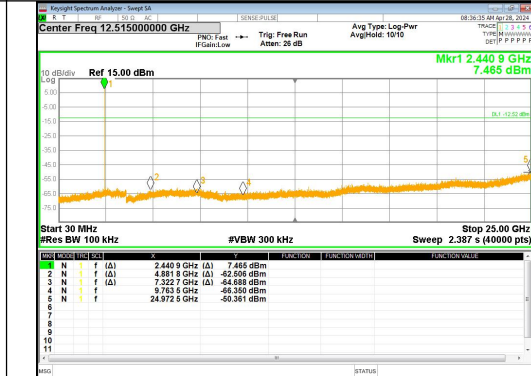
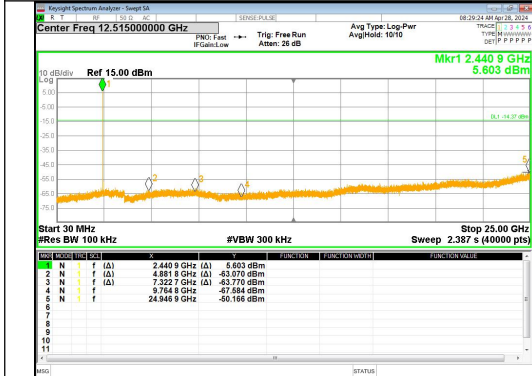
**In-Band Reference Level  
GFSK\_DH5\_Channel 39**

**In-Band Reference Level  
 $\pi/4$ DQPSK\_2-DH5\_Channel 39**



**Out Of Band Emission  
GFSK\_DH5\_Channel 39**

**Out Of Band Emission  
 $\pi/4$ DQPSK\_2-DH5\_Channel 39**



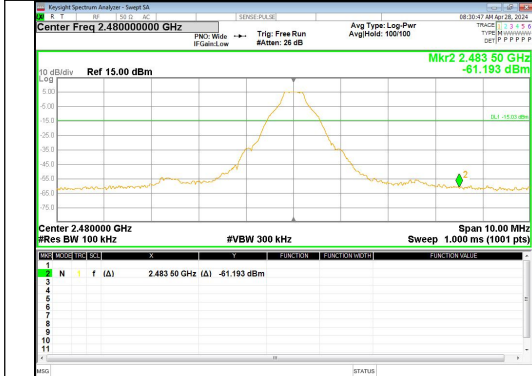
**Spurious Emissions  
GFSK\_DH5\_Channel 39**

**Spurious Emissions  
 $\pi/4$ DQPSK\_2-DH5\_Channel 39**



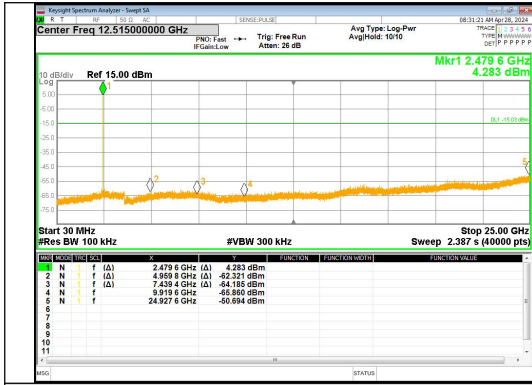
**In-Band Reference Level  
GFSK\_DH5\_Channel 78**

**In-Band Reference Level  
 $\pi/4$ DQPSK\_2-DH5\_Channel 78**

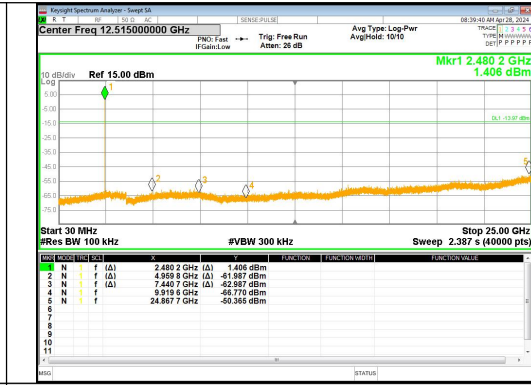


**Out Of Band Emission  
GFSK\_DH5\_Channel 78**

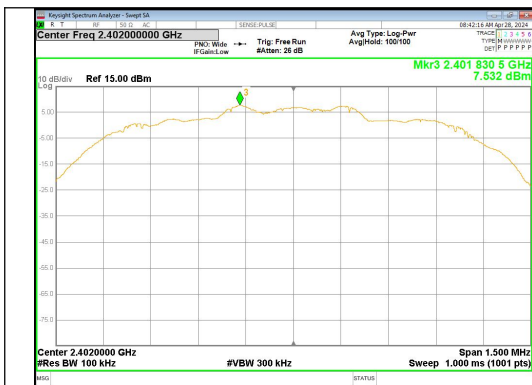
**Out Of Band Emission  
 $\pi/4$ DQPSK\_2-DH5\_Channel 78**



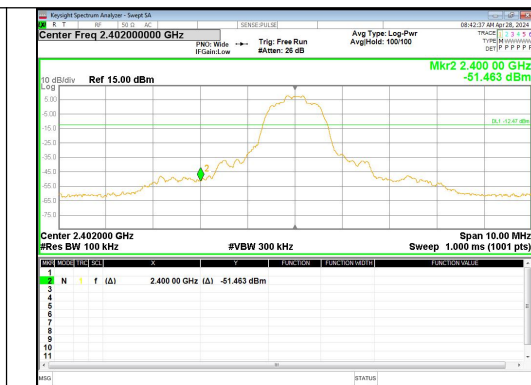
**Spurious Emission  
GFSK\_DH5\_Channel 78**



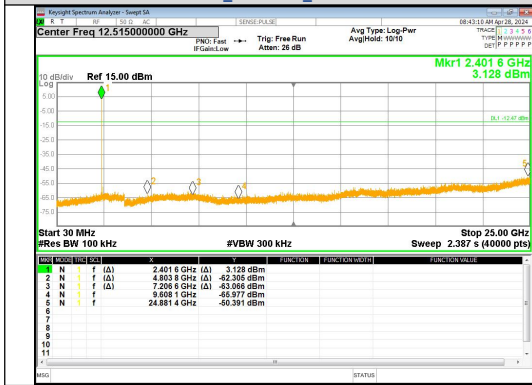
**Spurious Emission  
 $\pi/4$ DQPSK\_2-DH5\_Channel 78**



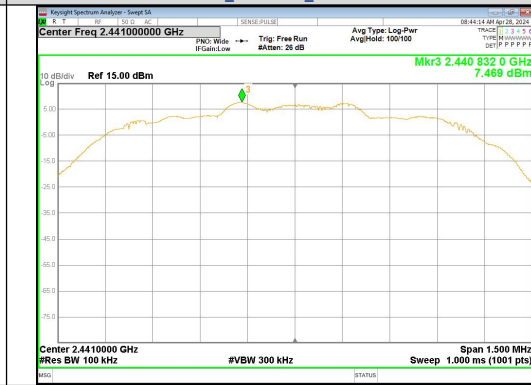
**In-Band Reference Level  
8DPSK\_3-DH5\_Channel 0**



**Out Of Band Emission  
8DPSK\_3-DH5\_Channel 0**



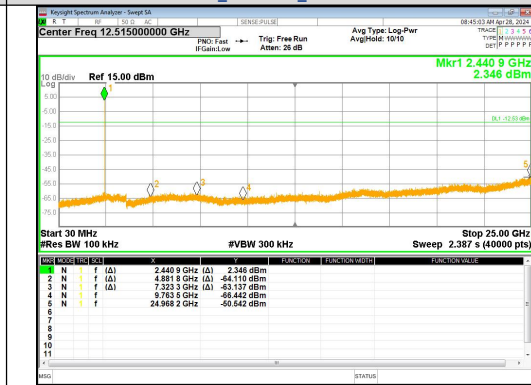
**Spurious Emission  
8DPSK\_3-DH5\_Channel 0**



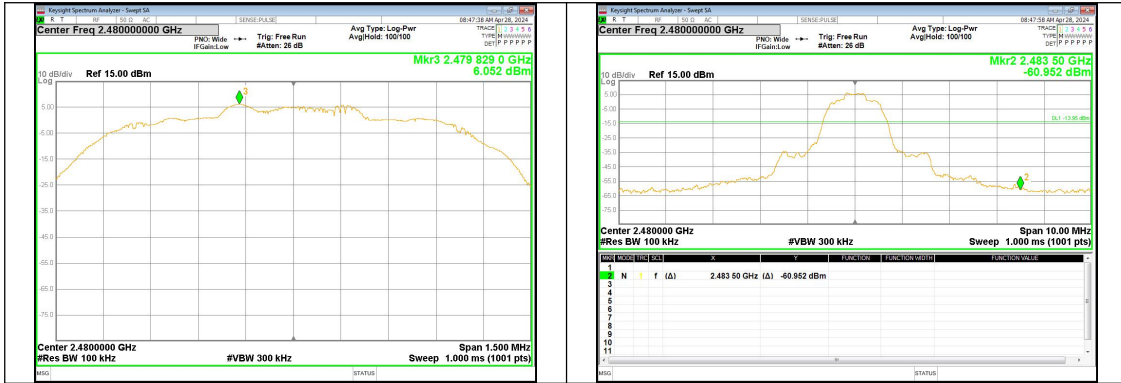
**In-Band Reference Level  
8DPSK\_3-DH5\_Channel 39**



**Out Of Band Emission  
8DPSK\_3-DH5\_Channel 39**



**Spurious Emissions  
8DPSK\_3-DH5\_Channel 39**

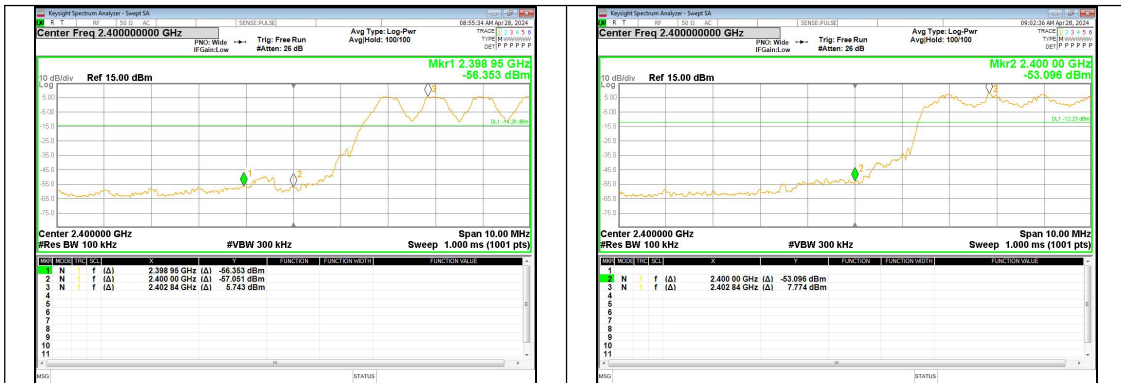


**In-Band Reference Level  
8DPSK\_3-DH5\_Channel 78**

**Out Of Band Emission  
8DPSK\_3-DH5\_Channel 78**

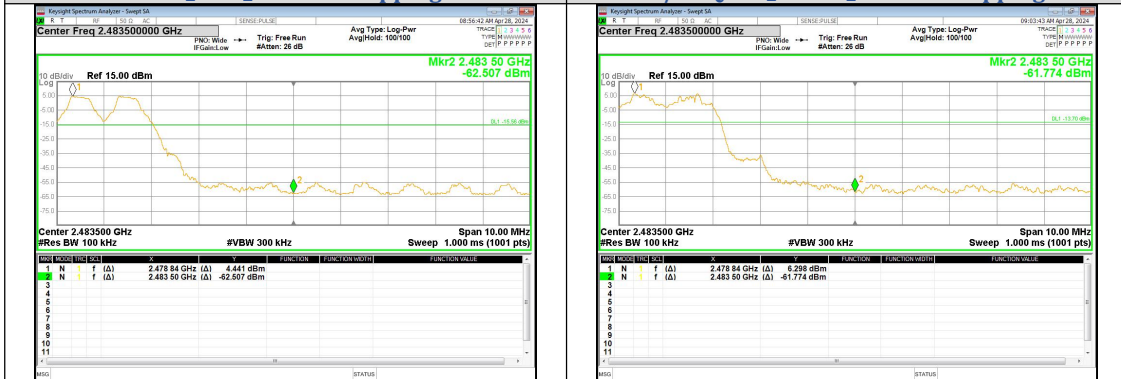


**Spurious Emission  
8DPSK\_3-DH5\_Channel 78**



**Out Of Band Emission(Left)  
GFSK DH5\_Channel Hopping**

**Out Of Band Emission(Left)  
 $\pi/4$ DQPSK\_2-DH5\_Channel Hopping**



**Out Of Band Emission(Left)  
GFSK DH5\_Channel Hopping**

**Out Of Band Emission(Left)  
 $\pi/4$ DQPSK\_2-DH5\_Channel Hopping**