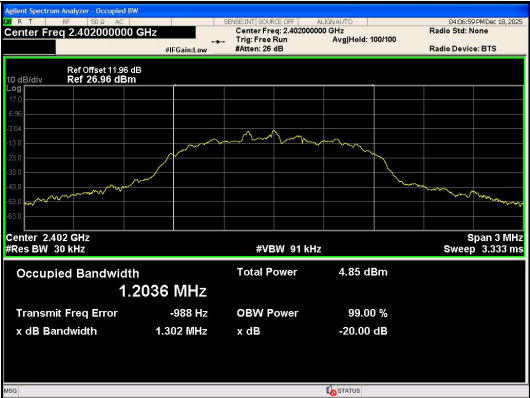
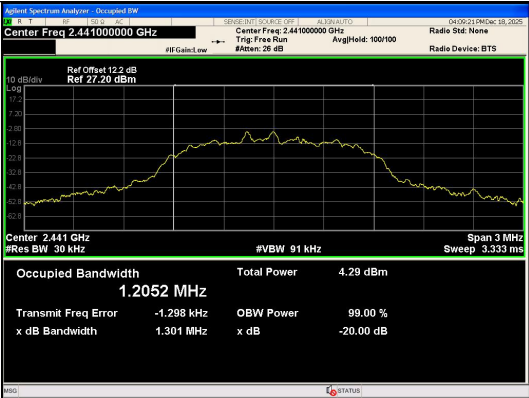
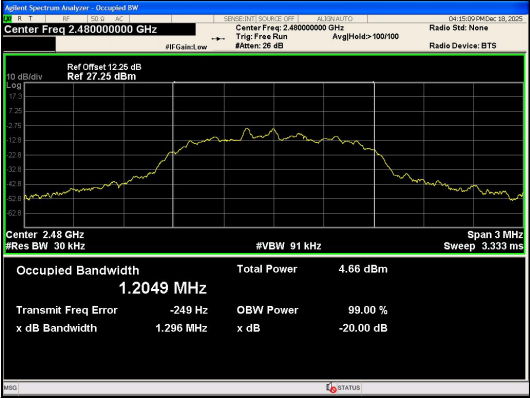




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



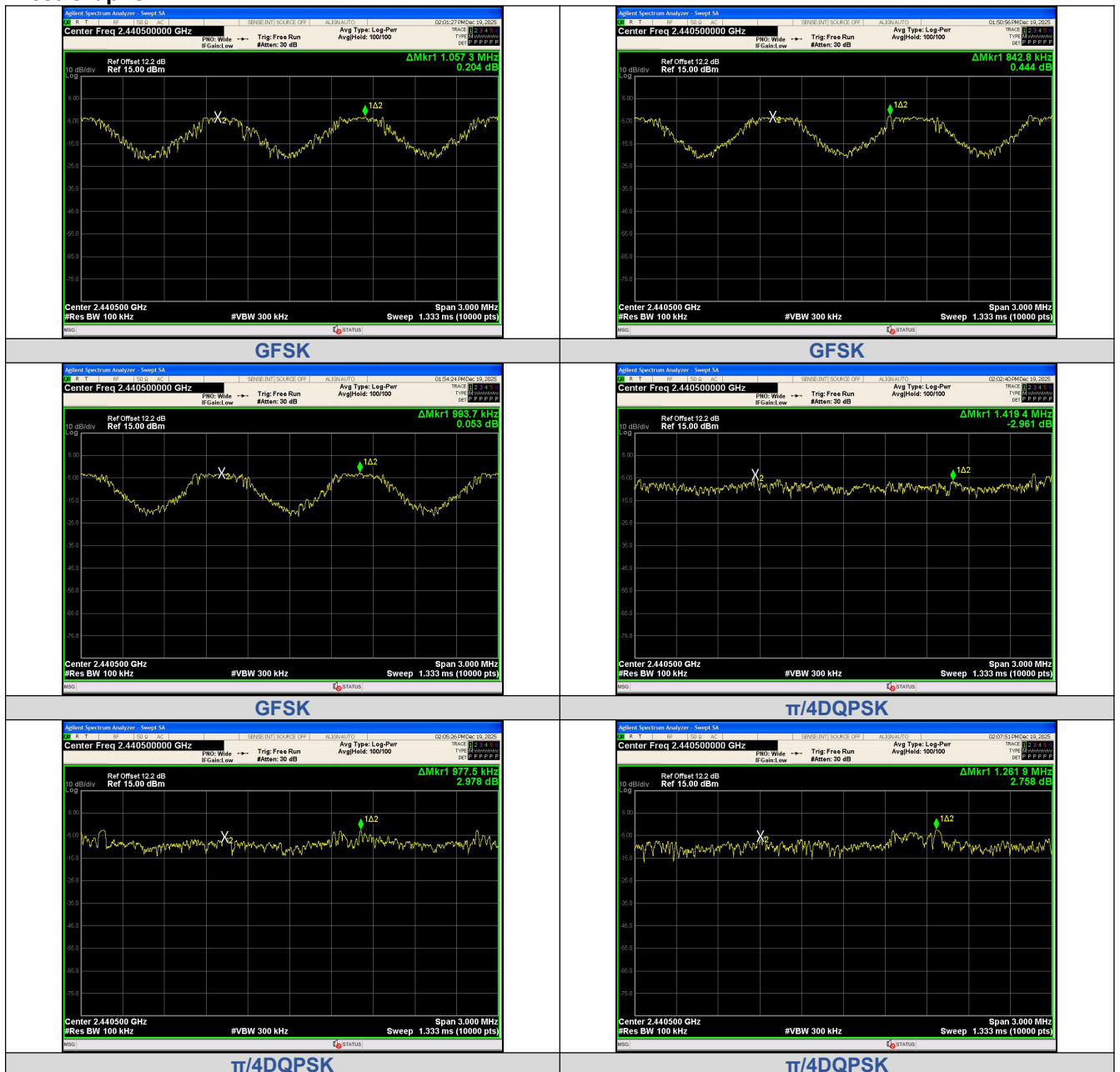
8DPSK 3-DH5 Channel 78

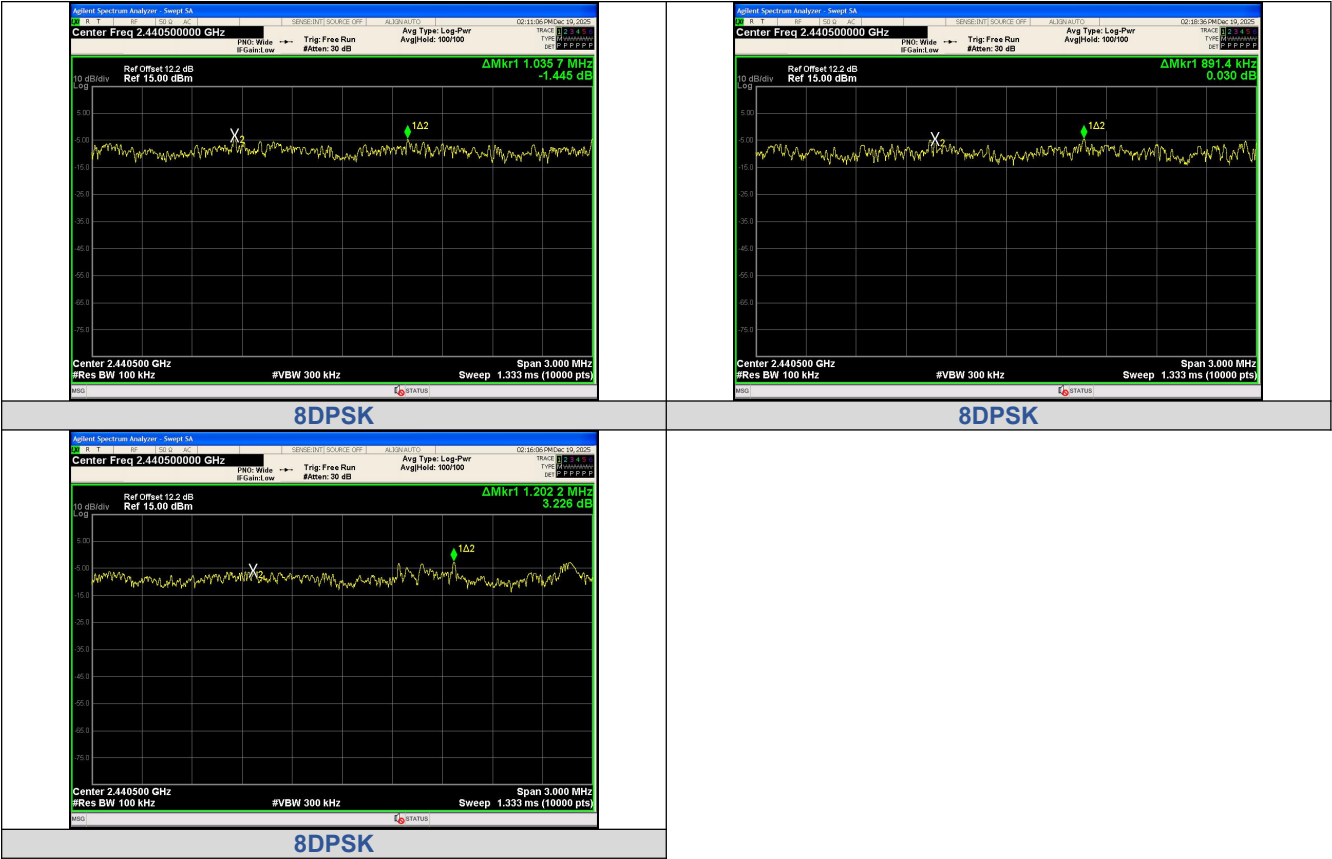
APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.9838	2441.0411	1.0573	0.697	PASS
GFSK	DH5	2439.9919	2440.8347	0.8428	0.697	PASS
GFSK	DH5	2440.0099	2441.0036	0.9937	0.697	PASS
$\pi/4$ DQPSK	2-DH5	2439.868	2441.2874	1.4194	0.885	PASS
$\pi/4$ DQPSK	2-DH5	2440.0315	2441.009	0.9775	0.885	PASS
$\pi/4$ DQPSK	2-DH5	2439.9052	2441.1671	1.2619	0.885	PASS
8DPSK	3-DH5	2439.8545	2440.8902	1.0357	0.868	PASS
8DPSK	3-DH5	2440.0738	2440.9652	0.8914	0.868	PASS
8DPSK	3-DH5	2439.9655	2441.1677	1.2022	0.868	PASS

Test Graphs





APPENDIX V. Conducted Spurious & Band Edge 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	-50.759	-21.98	-28.779	PASS
			4804.26	-54.757	-21.98	-32.777	PASS
			7205.75	-52.429	-21.98	-30.449	PASS
			9607.87	-46.856	-21.98	-24.876	PASS
		24933.2	-44.920	-21.98	-22.940	PASS	
		39	4882.30	-51.510	-22.46	-29.050	PASS
			7323.11	-53.197	-22.46	-30.737	PASS
			9763.93	-46.277	-22.46	-23.817	PASS
			24903.9	-45.887	-22.46	-23.427	PASS
		78	2483.50	-50.438	-22.17	-28.268	PASS
			4959.70	-50.914	-22.17	-28.744	PASS
			7439.85	-50.589	-22.17	-28.419	PASS
9919.99	-45.345		-22.17	-23.175	PASS		
π/4DQPSK	2-DH5	0	2398.73	-50.818	-21.87	-28.948	PASS
			2400.00	-51.128	-21.87	-29.258	PASS
			4804.30	-58.988	-21.87	-37.118	PASS
			7205.80	-52.076	-21.87	-30.206	PASS
			9607.90	-46.741	-21.87	-24.871	PASS
			24941.9	-45.714	-21.87	-23.844	PASS
		39	4882.30	-55.480	-22.48	-33.000	PASS
			7323.11	-54.910	-22.48	-32.430	PASS
			9763.93	-44.825	-22.48	-22.345	PASS
		78	2483.50	-52.133	-22.19	-29.943	PASS
			4959.70	-53.455	-22.19	-31.265	PASS
			7439.85	-53.619	-22.19	-31.429	PASS
9919.99	-45.102		-22.19	-22.912	PASS		
24928.8	-44.867	-22.19	-22.677	PASS			
8DPSK	3-DH5	0	2397.88	-50.275	-21.9	-28.375	PASS
			2400.00	-51.079	-21.9	-29.179	PASS
			4803.60	-58.987	-21.9	-37.087	PASS
			7205.80	-53.974	-21.9	-32.074	PASS
			9607.90	-46.627	-21.9	-24.727	PASS
			24943.2	-46.388	-21.9	-24.488	PASS
		39	4881.67	-56.652	-22.62	-34.032	PASS
			7323.11	-51.753	-22.62	-29.133	PASS
			9763.93	-45.699	-22.62	-23.079	PASS
			24958.8	-45.604	-22.62	-22.984	PASS
		78	2483.50	-51.228	-22.17	-29.058	PASS
			4959.70	-56.077	-22.17	-33.907	PASS
7439.85	-54.041		-22.17	-31.871	PASS		
9919.99	-45.767		-22.17	-23.597	PASS		
24907.6	-44.995	-22.17	-22.825	PASS			
Note: input compensation coefficient (dB)= Cable Loss (dB)							

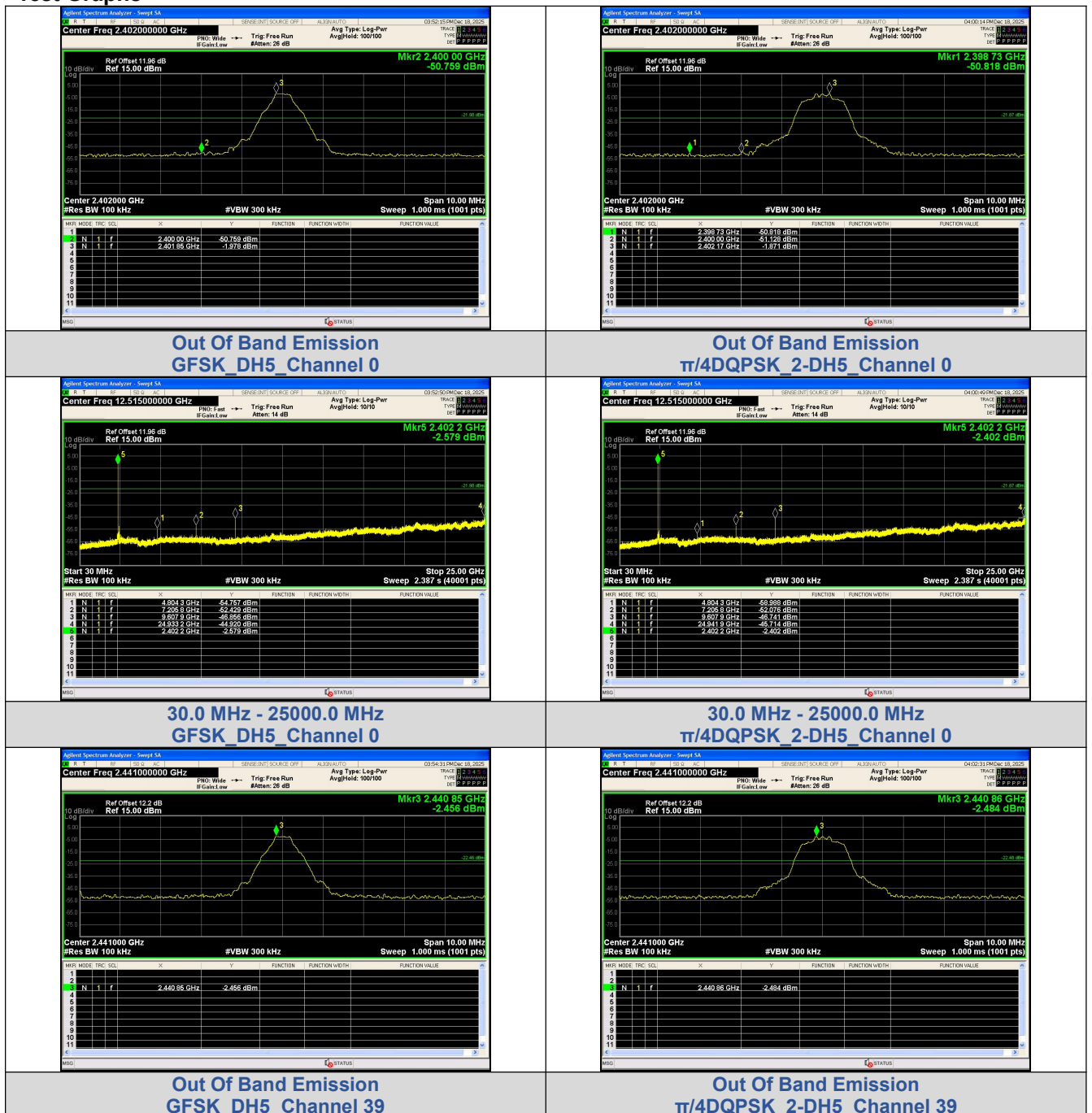
Hopping

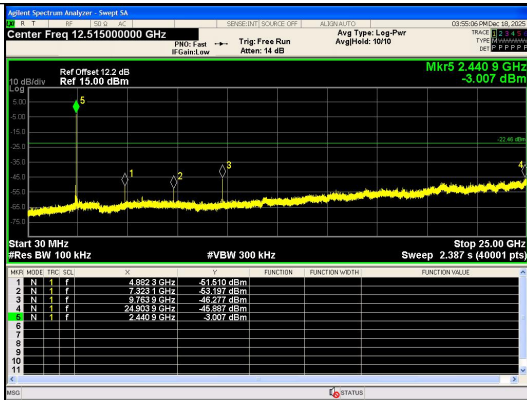
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2395.07	-48.603	-22.26	-26.343	PASS
			2400.00	-51.918	-22.26	-29.658	PASS
			2483.50	-50.961	-22.22	-28.741	PASS
			2395.80	-49.980	-22.14	-27.840	PASS
			2400.00	-51.700	-22.14	-29.560	PASS
			2483.50	-50.319	-22.2	-28.119	PASS
			2396.27	-49.497	-21.94	-27.557	PASS
			2400.00	-51.064	-21.94	-29.124	PASS
			2483.50	-50.472	-22.22	-28.252	PASS
$\pi/4$ DQPSK	2-DH5	Hopping	2398.35	-48.997	-22.11	-26.887	PASS
			2400.00	-51.712	-22.11	-29.602	PASS

8DPSK	3-DH5	2483.50	-49.909	-22.24	-27.669	PASS
		2397.59	-49.983	-22.03	-27.953	PASS
		2400.00	-51.450	-22.03	-29.420	PASS
		2483.50	-51.423	-22.36	-29.063	PASS
		2398.13	-49.786	-22.34	-27.446	PASS
		2400.00	-51.771	-22.34	-29.431	PASS
		2483.50	-49.934	-22.32	-27.614	PASS
		2398.03	-49.625	-22.0	-27.625	PASS
		2400.00	-51.179	-22.0	-29.179	PASS
		2483.50	-51.445	-23.78	-27.665	PASS
		2397.23	-50.189	-22.01	-28.179	PASS
		2400.00	-50.832	-22.01	-28.822	PASS
		2483.50	-50.233	-23.43	-26.803	PASS
		2398.40	-49.588	-22.36	-27.228	PASS
		2400.00	-51.508	-22.36	-29.148	PASS
		2483.50	-51.718	-22.35	-29.368	PASS

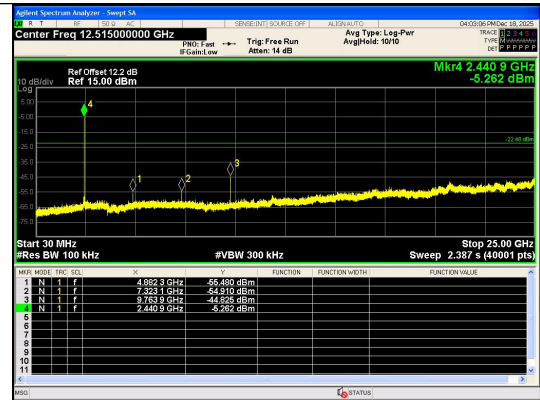
Note: input compensation coefficient (dB)= Cable Loss (dB)

Test Graphs

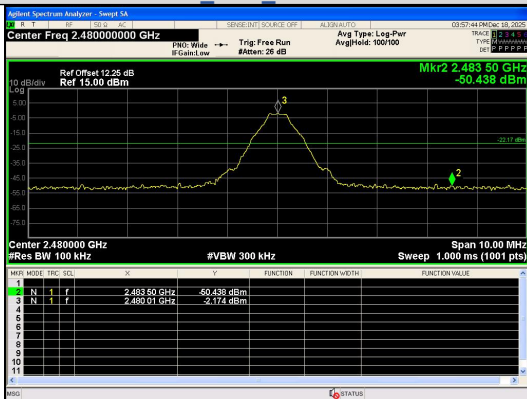




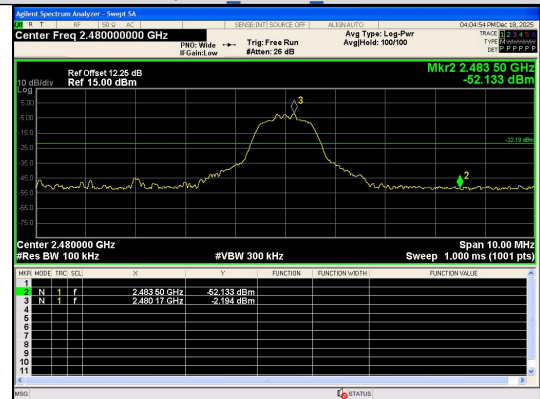
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 39



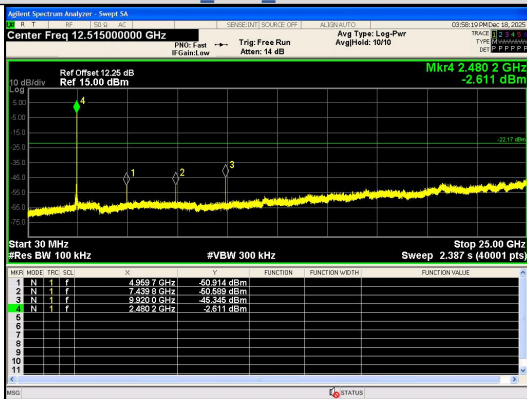
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 39



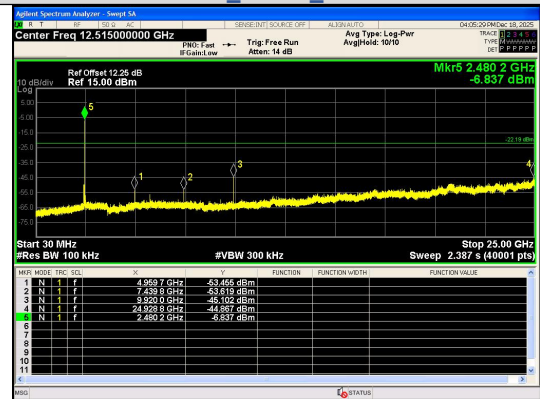
Out Of Band Emission
GFSK DH5 Channel 78



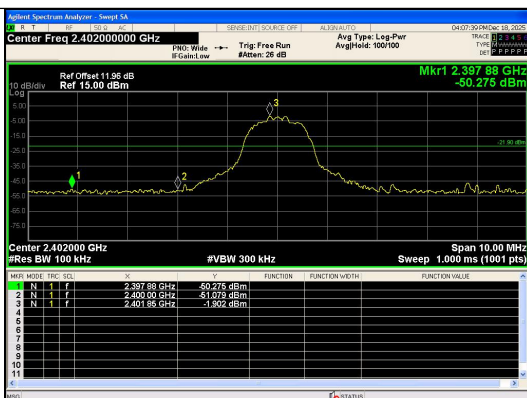
Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 78



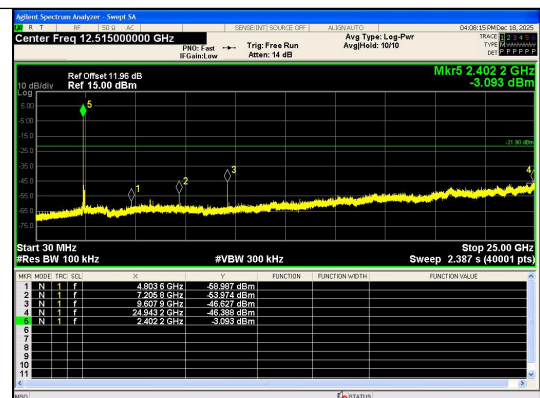
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 78



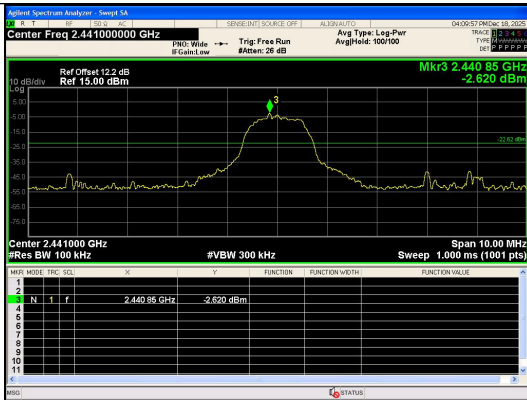
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 78



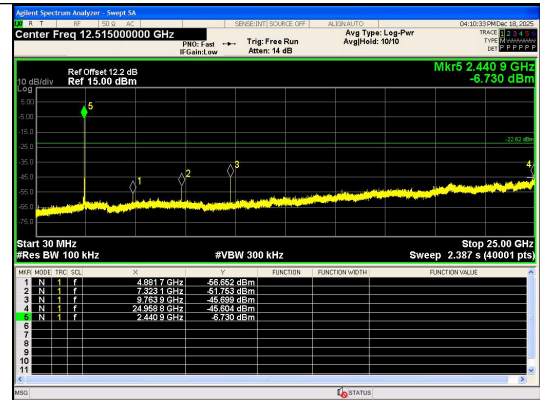
Out Of Band Emission
8DPSK 3-DH5 Channel 0



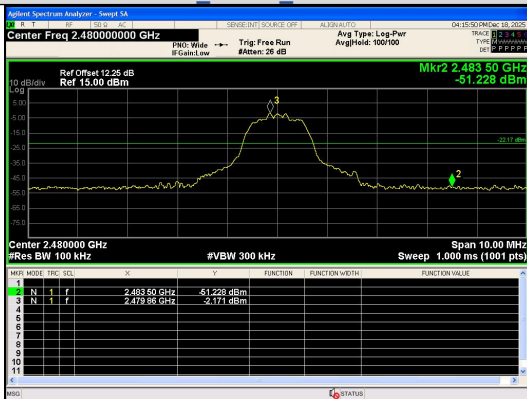
30.0 MHz - 25000.0 MHz
8DPSK 3-DH5 Channel 0



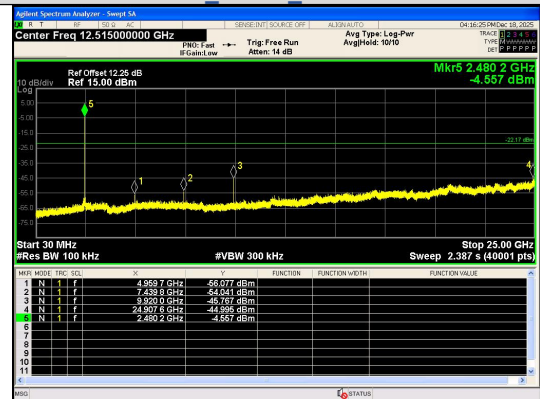
**Out Of Band Emission
8DPSK_3-DH5_Channel 39**



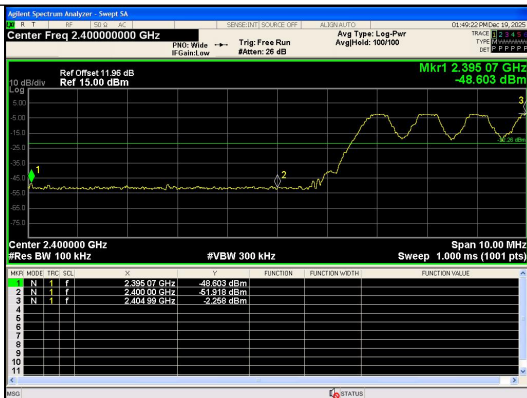
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39**



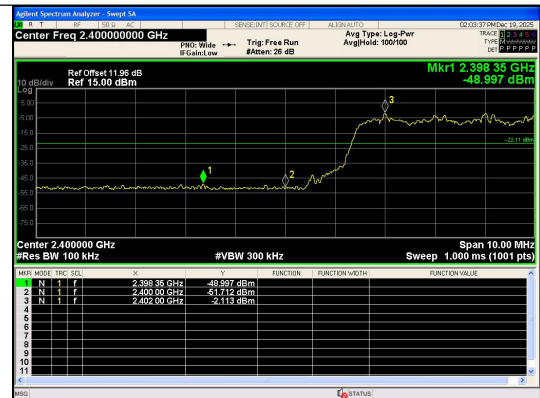
**Out Of Band Emission
8DPSK_3-DH5_Channel 78**



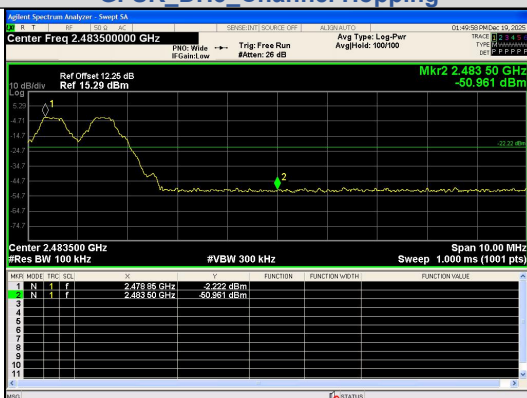
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78**



**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(Right)
GFSK_DH5_Channel Hopping**



**Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping**