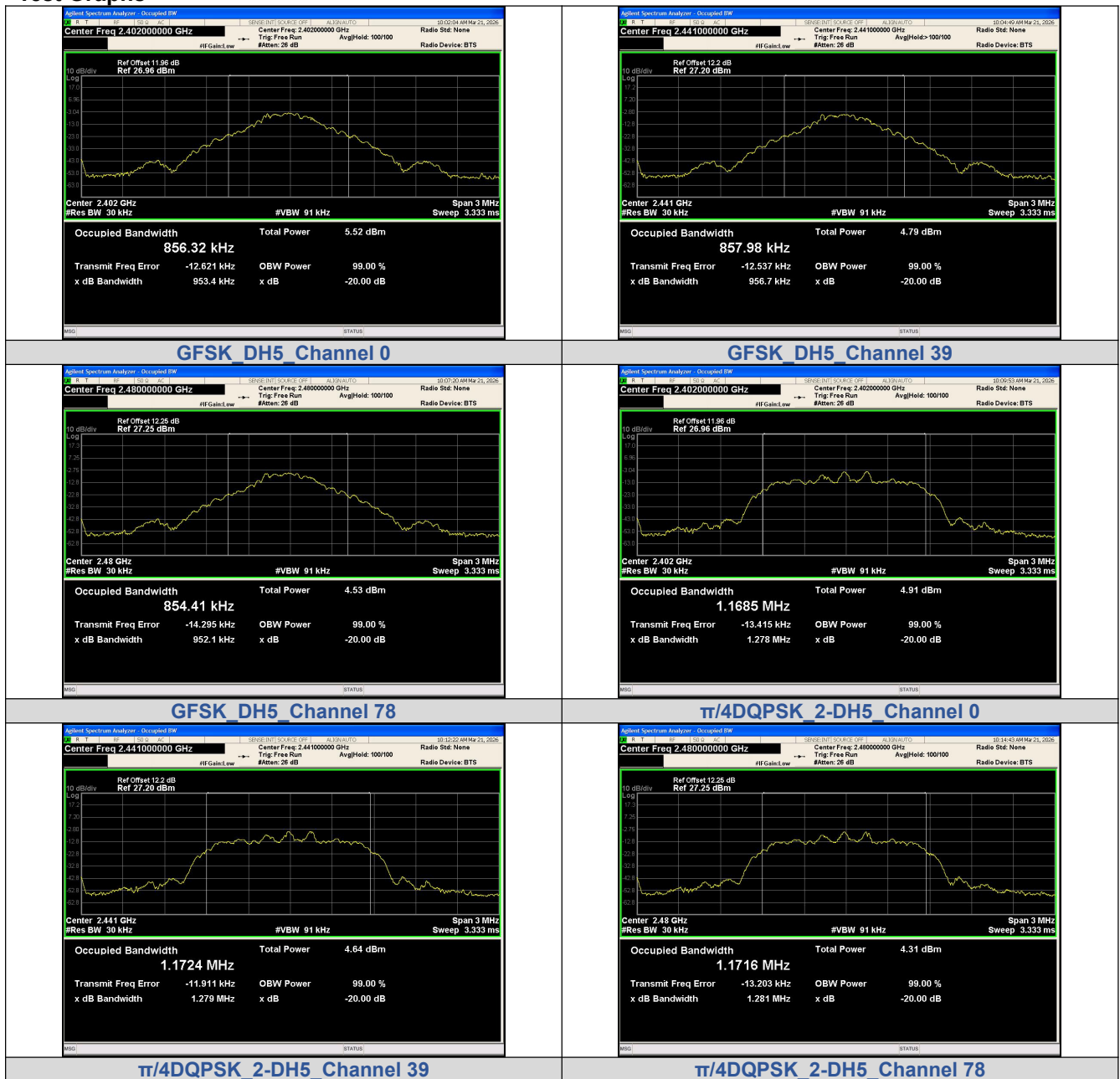


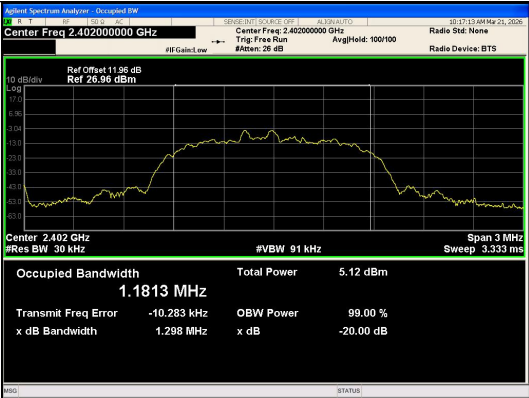
APPENDIX III. 20dB Bandwidth

Test Result

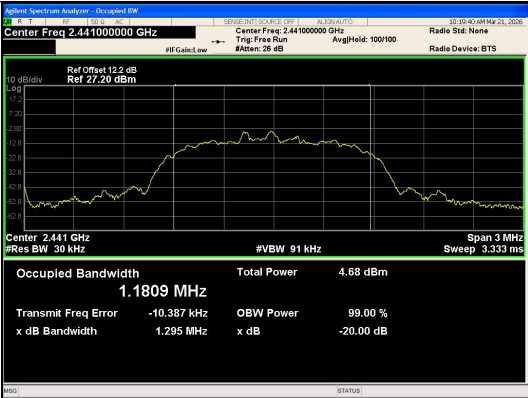
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9534
	39	2441 MHz	0.9567
	78	2480 MHz	0.9521
$\pi/4$ DQPSK	0	2402 MHz	1.278
	39	2441 MHz	1.279
	78	2480 MHz	1.281
8DPSK	0	2402 MHz	1.298
	39	2441 MHz	1.295
	78	2480 MHz	1.293

Test Graphs

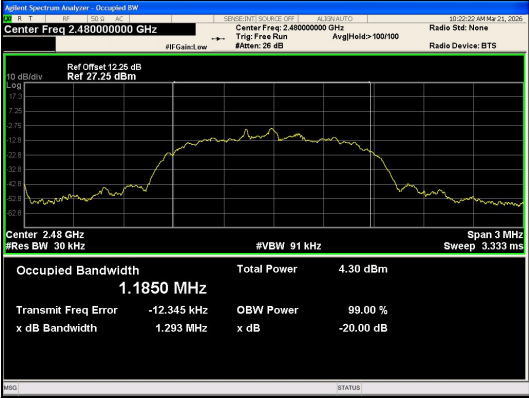




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



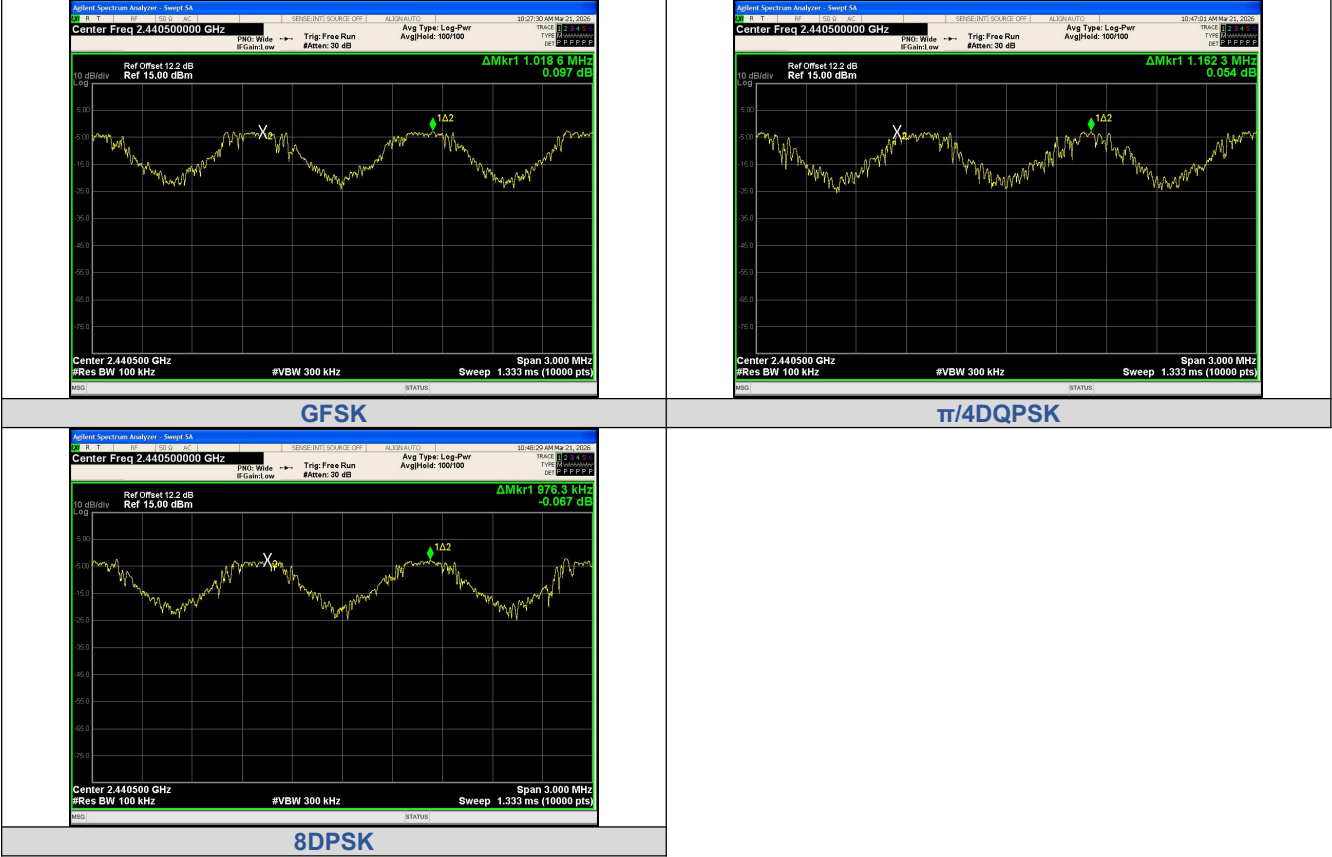
8DPSK 3-DH5 Channel 78

APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Minimum Limit (MHz)	Result
GFSK	DH5	2440.0222	2441.0408	1.0186	0.638	PASS
$\pi/4$ DQPSK	2-DH5	2439.8452	2441.0075	1.1623	0.854	PASS
8DPSK	3-DH5	2440.0501	2441.0264	0.9763	0.865	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	2398.98	-43.748	-21.58	-22.168	PASS
			2400.00	-49.913	-21.58	-28.333	PASS
			4803.60	-53.333	-21.58	-31.753	PASS
			7205.10	-61.008	-21.58	-39.428	PASS
			9607.90	-64.417	-21.58	-42.837	PASS
			24914.5	-46.554	-21.58	-24.974	PASS
		39	4881.67	-51.790	-22.37	-29.420	PASS
			7323.74	-62.987	-22.37	-40.617	PASS
			9763.93	-63.306	-22.37	-40.936	PASS
			24925.1	-45.662	-22.37	-23.292	PASS
		78	2483.50	-46.857	-22.64	-24.217	PASS
			4959.70	-51.549	-22.64	-28.909	PASS
			7440.47	-62.774	-22.64	-40.134	PASS
			9920.62	-63.661	-22.64	-41.021	PASS
			24948.8	-46.168	-22.64	-23.528	PASS
$\pi/4$ DQPSK	2-DH5	0	2399.00	-44.491	-22.0	-22.491	PASS
			2400.00	-50.571	-22.0	-28.571	PASS
			4803.60	-56.888	-22.0	-34.888	PASS
			7205.80	-62.986	-22.0	-40.986	PASS
			9607.20	-63.439	-22.0	-41.439	PASS
			24918.2	-46.054	-22.0	-24.054	PASS
		39	4881.67	-56.183	-22.3	-33.883	PASS
			7322.49	-63.292	-22.3	-40.992	PASS
			9763.93	-64.123	-22.3	-41.823	PASS
			24928.2	-45.968	-22.3	-23.668	PASS
		78	2483.50	-49.938	-22.54	-27.398	PASS
			4960.33	-54.888	-22.54	-32.348	PASS
			7439.85	-63.192	-22.54	-40.652	PASS
			9919.37	-63.613	-22.54	-41.073	PASS
			24874.5	-46.209	-22.54	-23.669	PASS
8DPSK	3-DH5	0	2398.99	-44.096	-21.68	-22.416	PASS
			2400.00	-50.812	-21.68	-29.132	PASS
			4804.30	-55.657	-21.68	-33.977	PASS
			7206.40	-63.077	-21.68	-41.397	PASS
			9608.50	-63.756	-21.68	-42.076	PASS
			24953.2	-46.376	-21.68	-24.696	PASS
		39	4882.30	-56.239	-22.09	-34.149	PASS
			7323.11	-62.870	-22.09	-40.780	PASS
			9764.55	-59.778	-22.09	-37.688	PASS
			24937.6	-45.986	-22.09	-23.896	PASS
		78	2483.50	-50.381	-22.4	-27.981	PASS
			4959.70	-55.480	-22.4	-33.080	PASS
			7439.22	-63.813	-22.4	-41.413	PASS
			9920.62	-63.242	-22.4	-40.842	PASS
			24847.7	-46.109	-22.4	-23.709	PASS

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

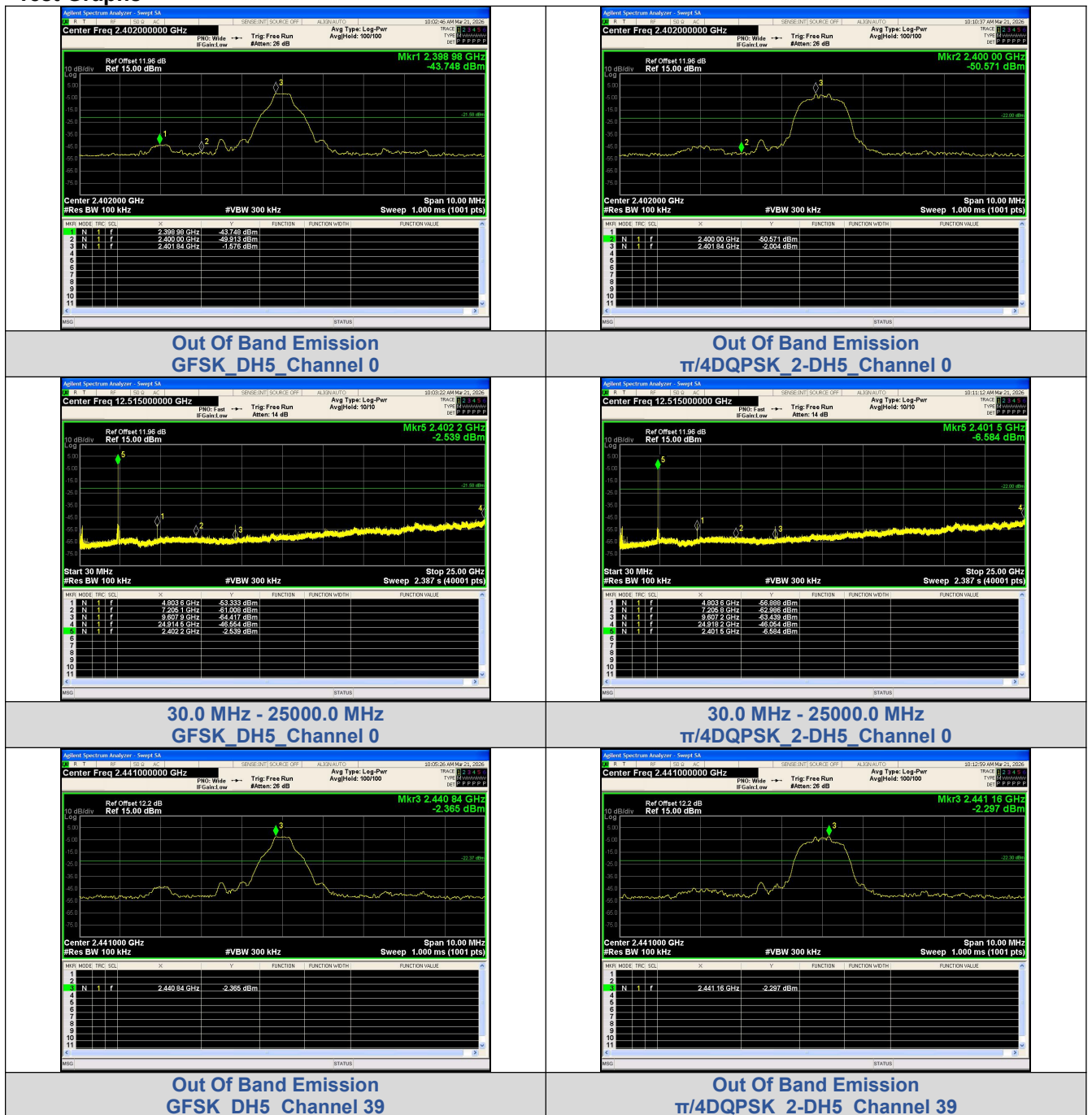
Hopping

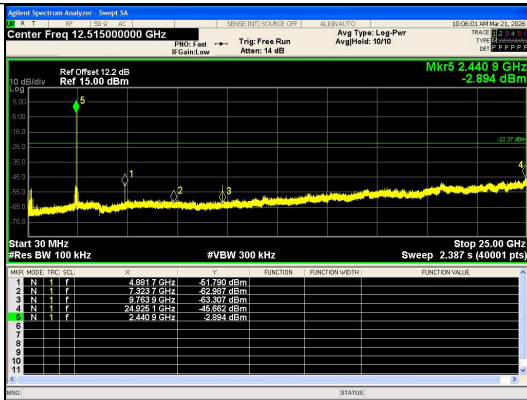
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.89	-44.772	-22.11	-22.662	PASS
			2400.00	-44.999	-22.11	-22.889	PASS
			2483.50	-48.723	-22.92	-25.803	PASS
			2398.92	-43.479	-22.09	-21.389	PASS
			2400.00	-45.025	-22.09	-22.935	PASS
			2483.50	-50.146	-22.96	-27.186	PASS
			2398.86	-43.972	-21.73	-22.242	PASS
			2400.00	-44.888	-21.73	-23.158	PASS

$\pi/4$ DQPSK	2-DH5		2483.50	-48.747	-22.71	-26.037	PASS
			2398.84	-44.747	-22.07	-22.677	PASS
			2400.00	-46.040	-22.07	-23.970	PASS
			2483.50	-51.454	-22.49	-28.964	PASS
			2398.86	-46.804	-21.83	-24.974	PASS
			2400.00	-47.431	-21.83	-25.601	PASS
			2483.50	-50.770	-22.45	-28.320	PASS
			2400.00	-45.985	-21.79	-24.195	PASS
8DPSK	3-DH5		2483.50	-49.939	-22.54	-27.399	PASS
			2400.00	-44.633	-21.73	-22.903	PASS
			2483.50	-51.230	-24.1	-27.130	PASS
			2398.94	-47.629	-21.71	-25.919	PASS
			2400.00	-49.661	-21.71	-27.951	PASS
			2483.50	-51.751	-23.84	-27.911	PASS
			2400.00	-47.396	-21.82	-25.576	PASS
			2483.50	-50.646	-25.3	-25.346	PASS

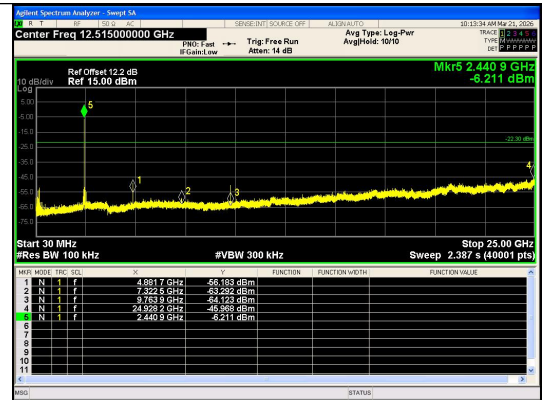
Note: input compensation coefficient (dB)= Cable Loss (dB)

Test Graphs

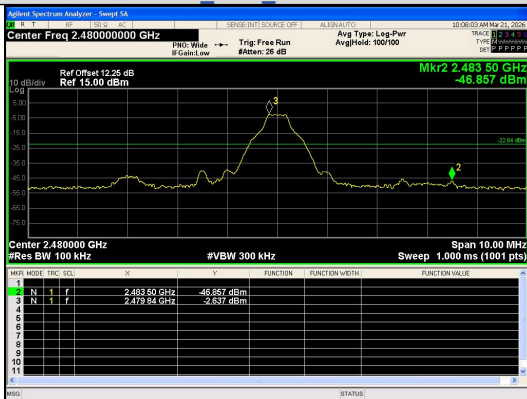




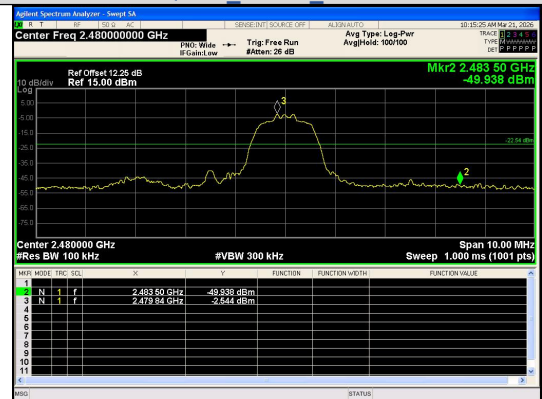
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 39



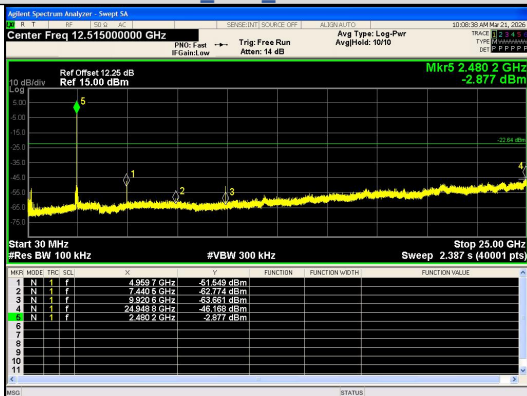
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 39



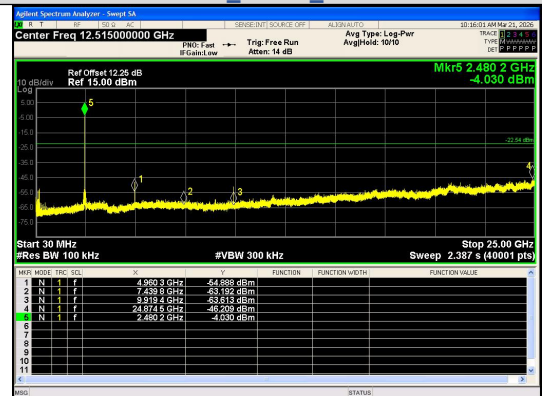
Out Of Band Emission
GFSK DH5 Channel 78



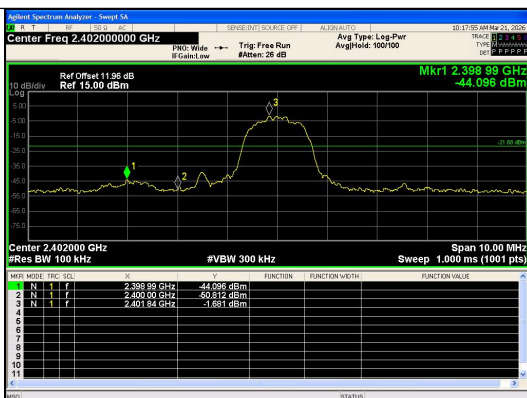
Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 78



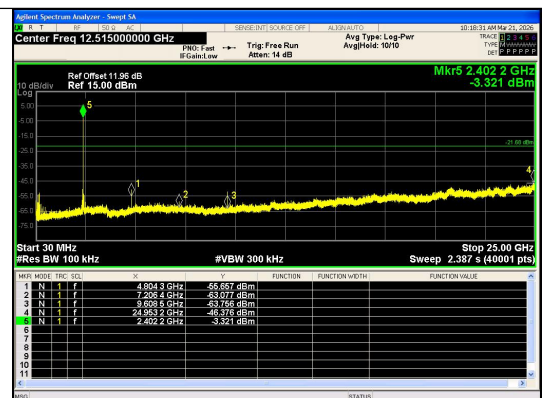
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 78



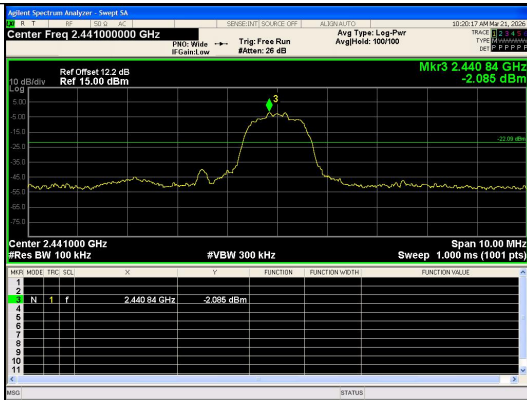
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 78



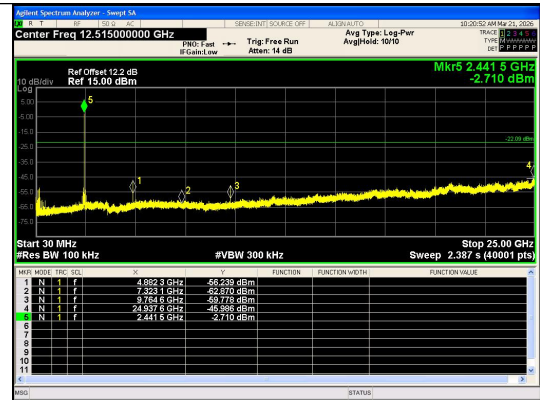
Out Of Band Emission
8DPSK 3-DH5 Channel 0



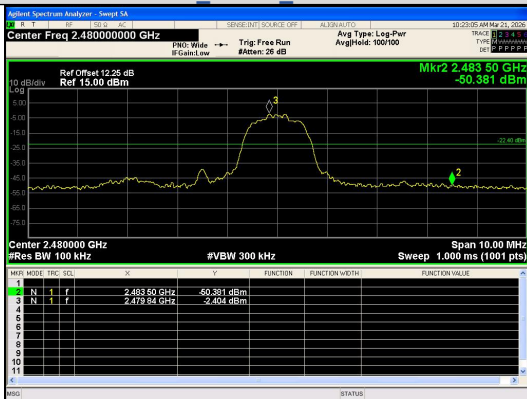
30.0 MHz - 25000.0 MHz
8DPSK 3-DH5 Channel 0



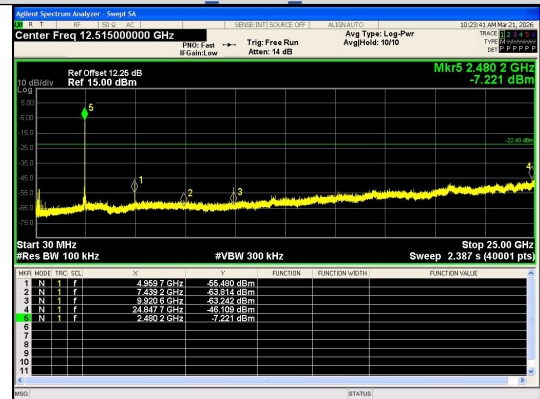
**Out Of Band Emission
8DPSK 3-DH5 Channel 39**



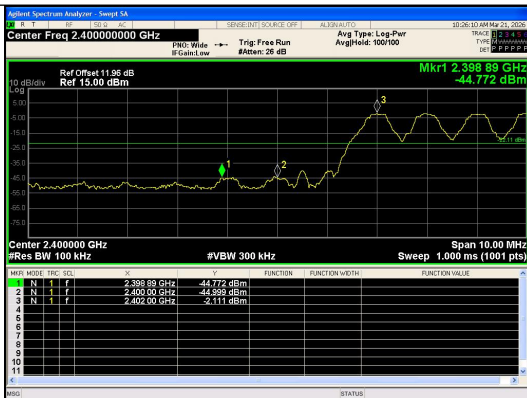
**30.0 MHz - 25000.0 MHz
8DPSK 3-DH5 Channel 39**



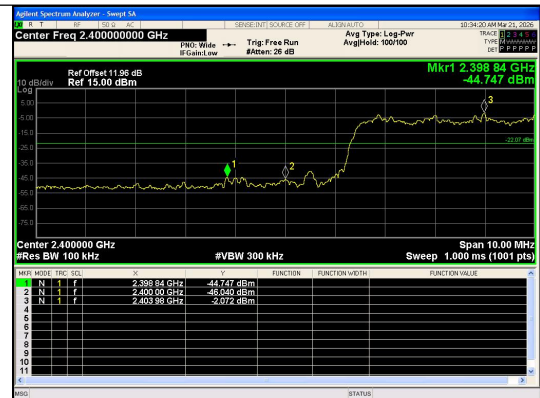
**Out Of Band Emission
8DPSK 3-DH5 Channel 78**



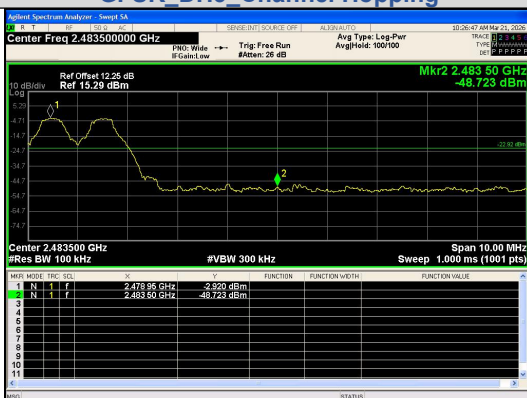
**30.0 MHz - 25000.0 MHz
8DPSK 3-DH5 Channel 78**



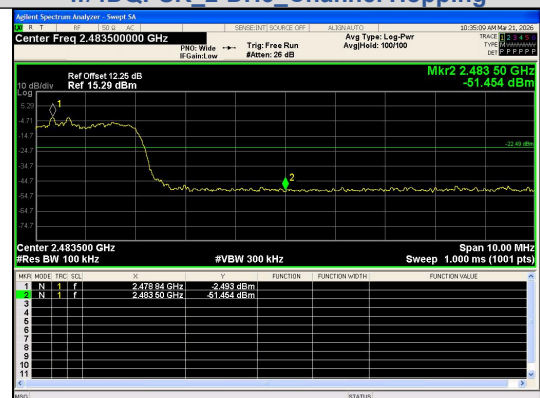
**Out Of Band Emission(Left)
GFSK DH5 Channel Hopping**



**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**