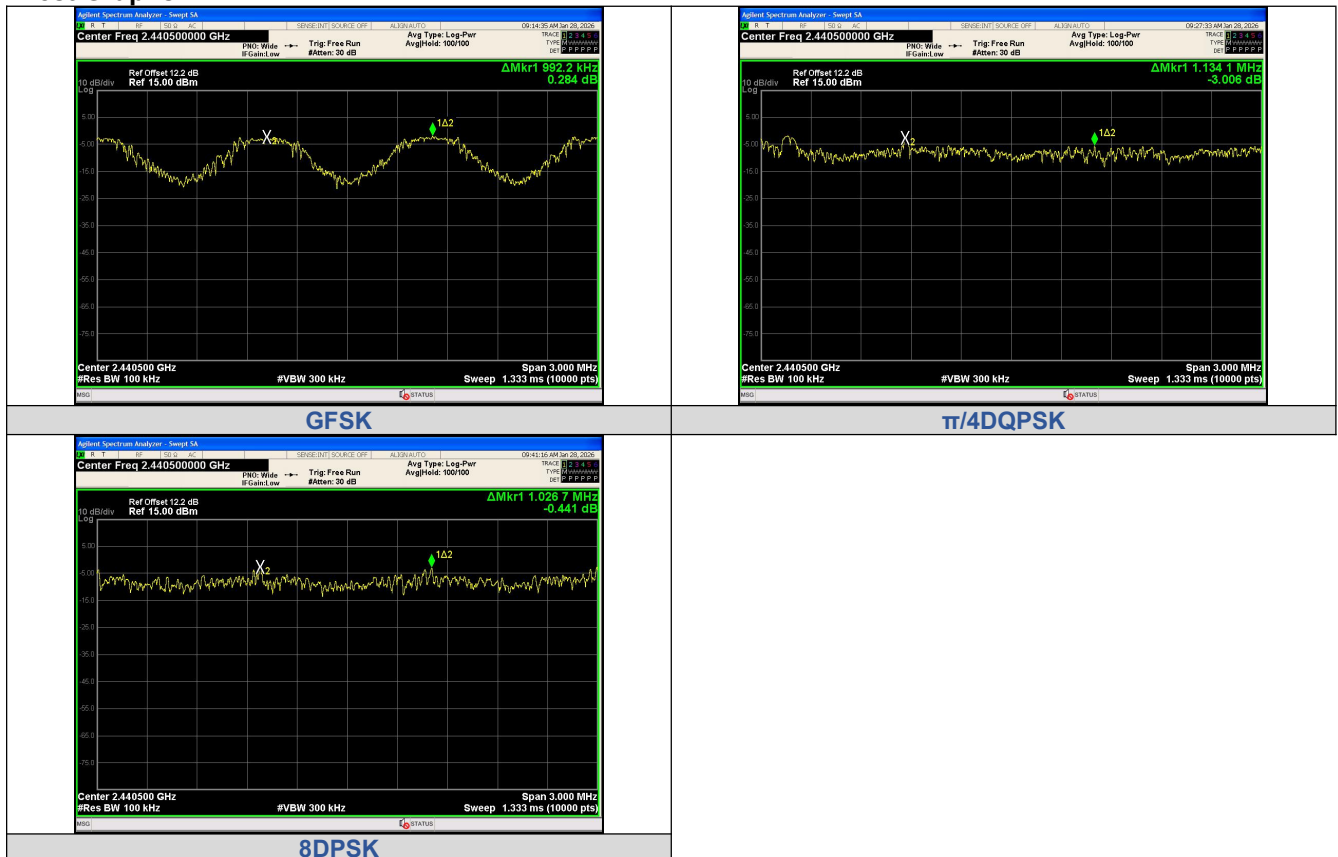


APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.0177	2441.0099	0.9922	0.704	PASS
$\pi/4$ DQPSK	2-DH5	2439.8638	2440.9979	1.1341	0.883	PASS
8DPSK	3-DH5	2439.9775	2441.0042	1.0267	0.872	PASS

Test Graphs



APPENDIX V. 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	2397.03	-50.337	-21.04	-29.297	PASS
			2400.00	-51.416	-21.04	-30.376	PASS
			4804.30	-54.808	-21.04	-33.768	PASS
			7205.80	-50.130	-21.04	-29.090	PASS
			9607.90	-47.098	-21.04	-26.058	PASS
			24953.2	-45.939	-21.04	-24.899	PASS
		39	4881.67	-53.645	-21.6	-32.045	PASS
			7323.11	-49.590	-21.6	-27.990	PASS
			9763.93	-44.508	-21.6	-22.908	PASS
		78	2483.50	-50.004	-21.1	-28.904	PASS
			4959.70	-51.950	-21.1	-30.850	PASS
			7439.85	-50.728	-21.1	-29.628	PASS
			9919.99	-44.163	-21.1	-23.063	PASS
$\pi/4$ DQPSK	2-DH5	0	2398.51	-50.283	-21.04	-29.243	PASS
			2400.00	-50.613	-21.04	-29.573	PASS
			4804.30	-56.011	-21.04	-34.971	PASS
			7206.40	-53.089	-21.04	-32.049	PASS
			9607.90	-45.791	-21.04	-24.751	PASS
			4882.30	-54.829	-21.74	-33.089	PASS
		39	7323.11	-54.369	-21.74	-32.629	PASS
			9763.93	-43.569	-21.74	-21.829	PASS
			2483.50	-50.143	-21.11	-29.033	PASS
		78	4960.33	-54.851	-21.11	-33.741	PASS
			7440.47	-52.625	-21.11	-31.515	PASS
			9919.99	-42.983	-21.11	-21.873	PASS
8DPSK	3-DH5	0	2398.74	-50.442	-21.02	-29.422	PASS
			2400.00	-51.506	-21.02	-30.486	PASS
			4803.60	-59.168	-21.02	-38.148	PASS
			7205.80	-51.461	-21.02	-30.441	PASS
			9607.90	-45.456	-21.02	-24.436	PASS
			4882.30	-56.268	-21.6	-34.668	PASS
		39	7322.49	-53.192	-21.6	-31.592	PASS
			9763.93	-43.367	-21.6	-21.767	PASS
		78	2483.50	-51.074	-21.09	-29.984	PASS
			4959.70	-54.044	-21.09	-32.954	PASS
			7440.47	-50.012	-21.09	-28.922	PASS
			9919.99	-43.157	-21.09	-22.067	PASS

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

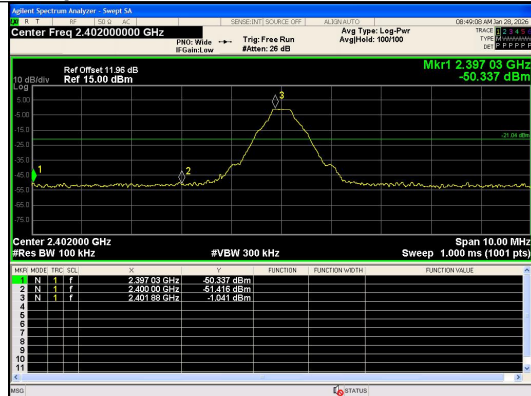
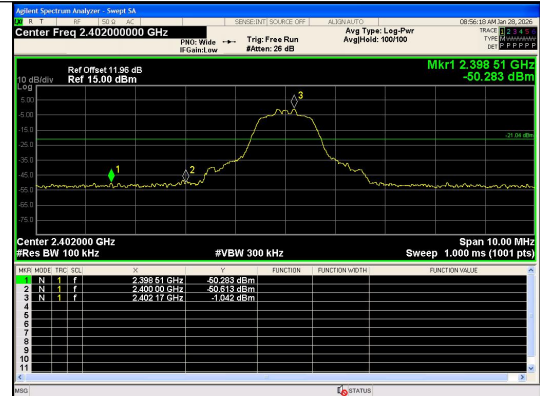
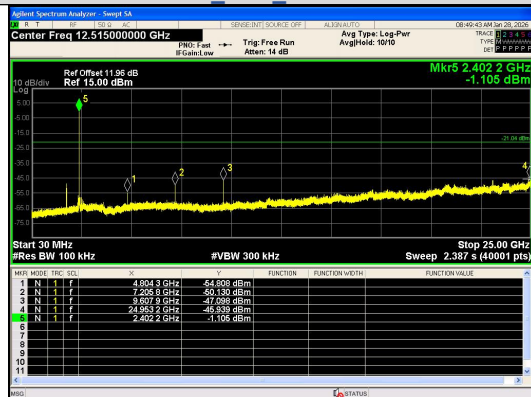
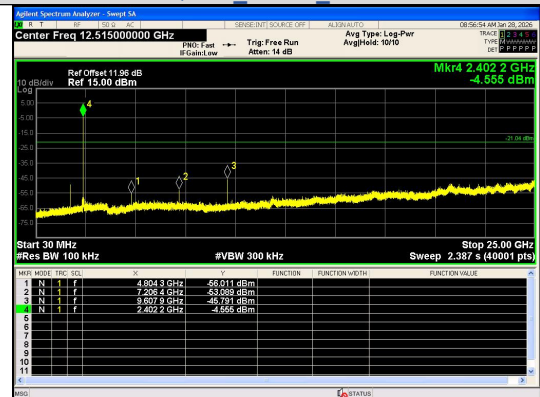
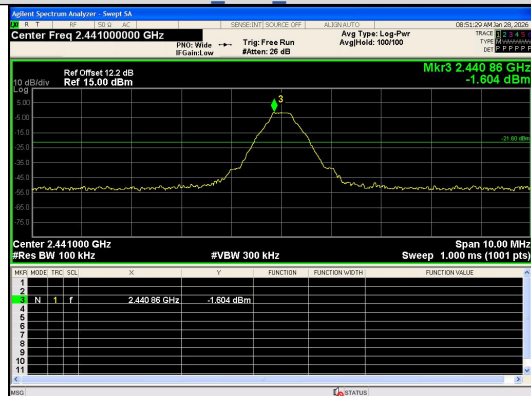
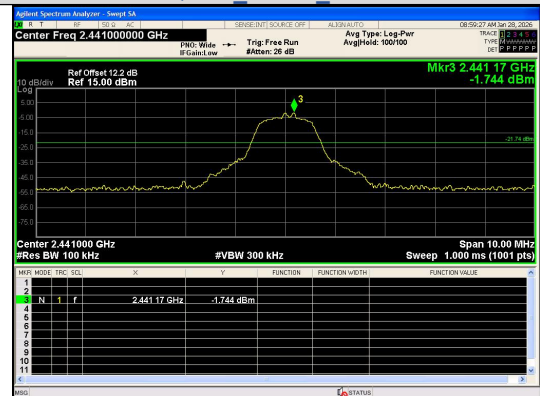
Hopping

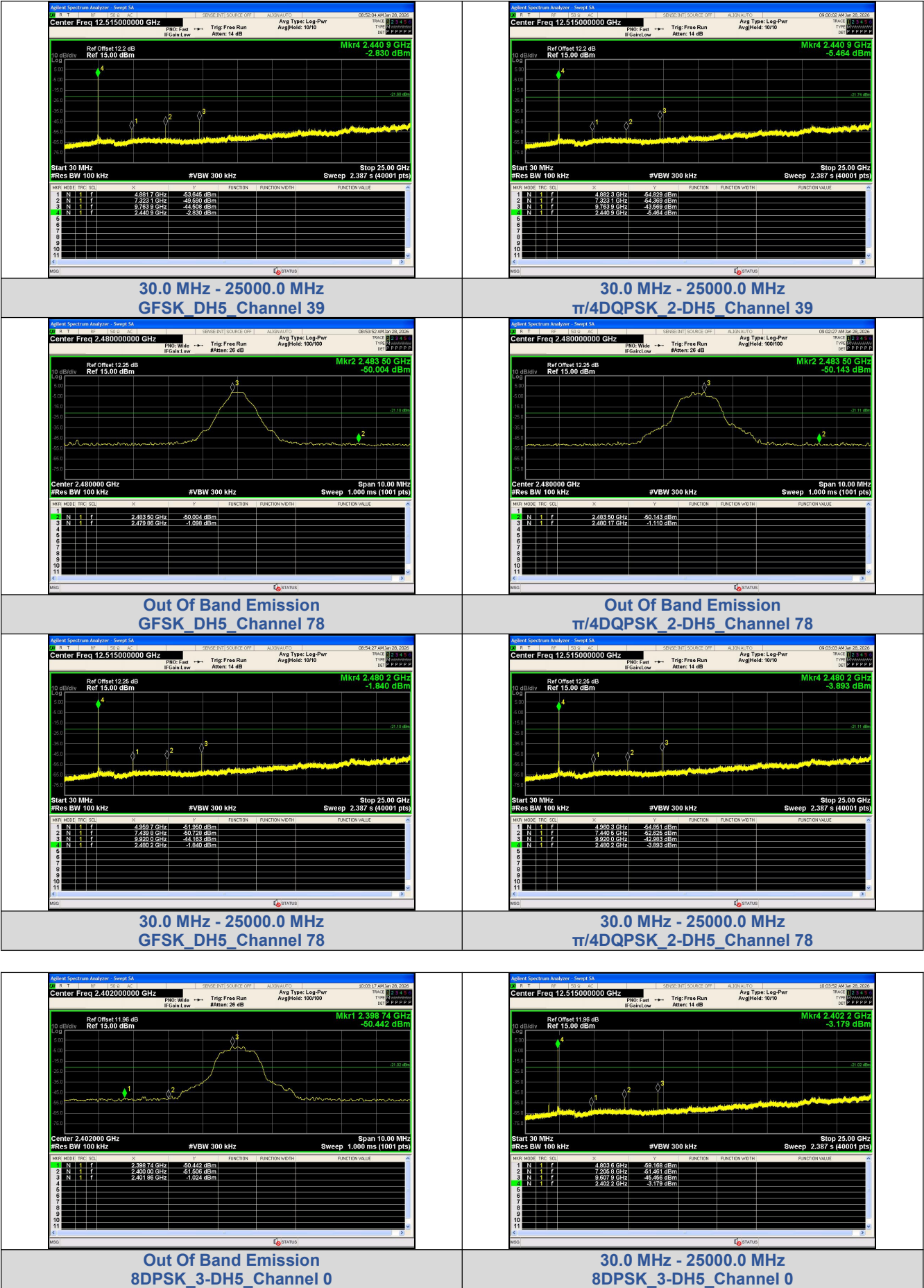
Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.28	-49.685	-21.09	-28.595	PASS
			2400.00	-51.912	-21.09	-30.822	PASS
			2483.50	-51.343	-21.41	-29.933	PASS
			2396.09	-50.119	-20.96	-29.159	PASS
			2400.00	-51.410	-20.96	-30.450	PASS
			2483.50	-50.075	-21.4	-28.675	PASS
			2398.60	-49.070	-20.95	-28.120	PASS
			2400.00	-50.633	-20.95	-29.683	PASS
2483.50	-51.168		-21.26	-29.908	PASS		
π/4DQPSK	2-DH5		2395.19	-49.383	-21.74	-27.643	PASS
			2400.00	-51.867	-21.74	-30.127	PASS
			2483.50	-50.731	-22.67	-28.061	PASS
			2397.32	-49.431	-21.16	-28.271	PASS
			2400.00	-50.917	-21.16	-29.757	PASS
			2483.50	-50.665	-21.25	-29.415	PASS
			2397.95	-49.559	-21.14	-28.419	PASS

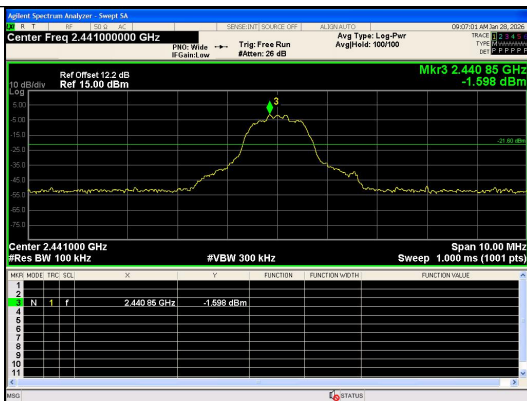
8DPSK	3-DH5	2400.00	-51.725	-21.14	-30.585	PASS
		2483.50	-50.988	-22.87	-28.118	PASS
		2397.50	-49.681	-22.11	-27.571	PASS
		2400.00	-52.202	-22.11	-30.092	PASS
		2483.50	-51.307	-23.53	-27.777	PASS
		2398.99	-49.481	-21.81	-27.671	PASS
		2400.00	-51.060	-21.81	-29.250	PASS
		2483.50	-51.549	-21.22	-30.329	PASS
		2395.18	-48.993	-21.23	-27.763	PASS
		2400.00	-50.869	-21.23	-29.639	PASS
		2483.50	-51.375	-21.8	-29.575	PASS

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

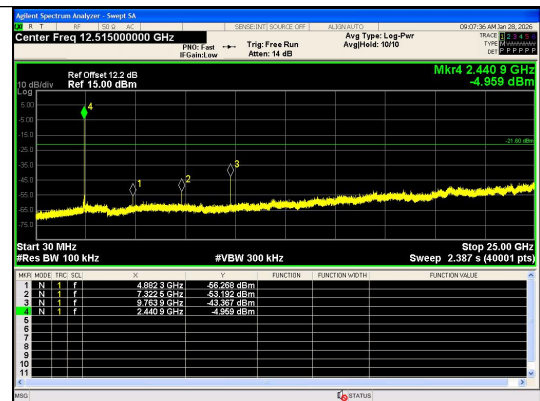
Test Graphs

Out Of Band Emission
GFSK DH5 Channel 0Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 030.0 MHz - 25000.0 MHz
GFSK DH5 Channel 030.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 0Out Of Band Emission
GFSK DH5 Channel 39Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 39

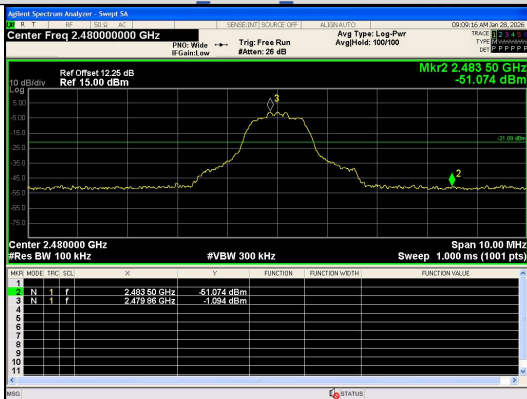




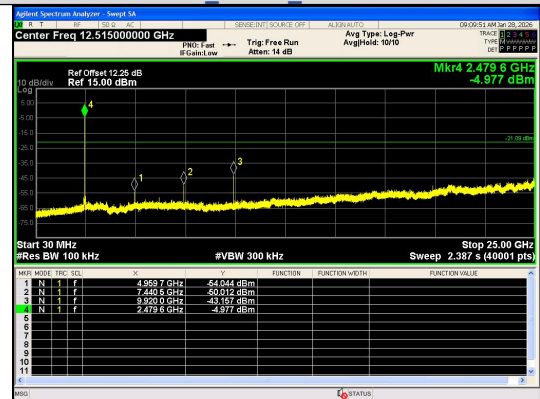
**Out Of Band Emission
8DPSK_3-DH5_Channel 39**



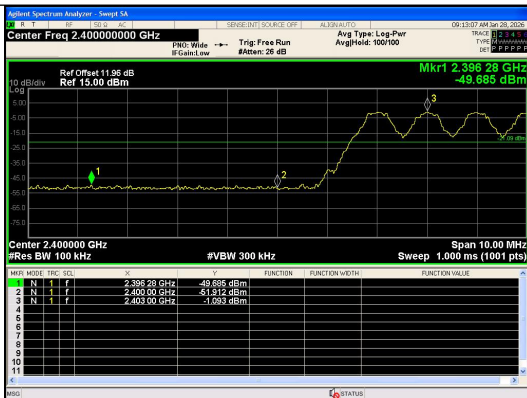
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39**



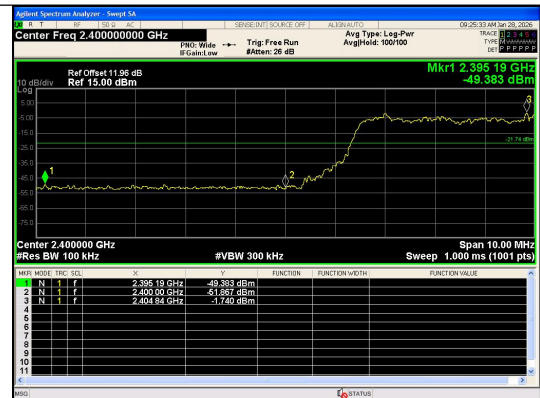
**Out Of Band Emission
8DPSK_3-DH5_Channel 78**



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



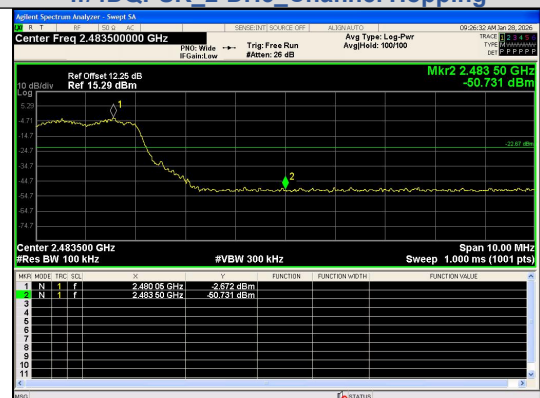
**Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping**



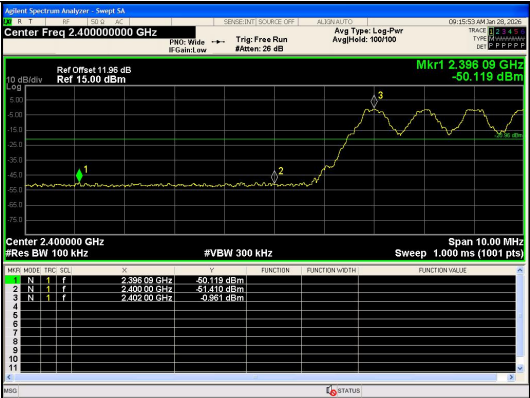
**Out Of Band Emission(Left)
π/4DQPSK_2-DH5_Channel Hopping**



**Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping**



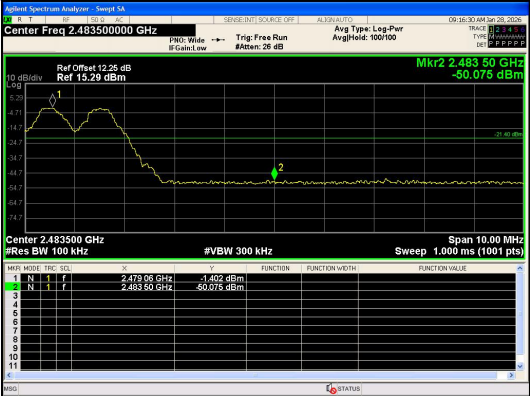
**Out Of Band Emission(Right)
π/4DQPSK_2-DH5_Channel Hopping**



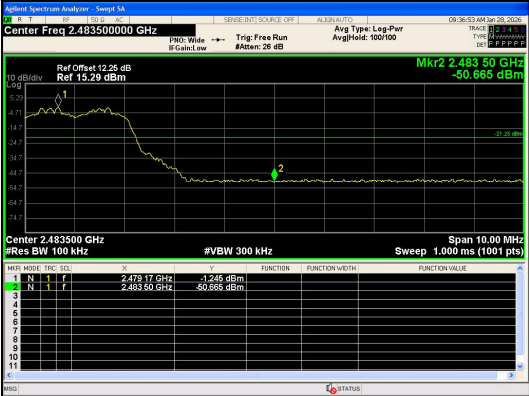
Out Of Band Emission(Left)
GFSK DH5 Channel Hopping



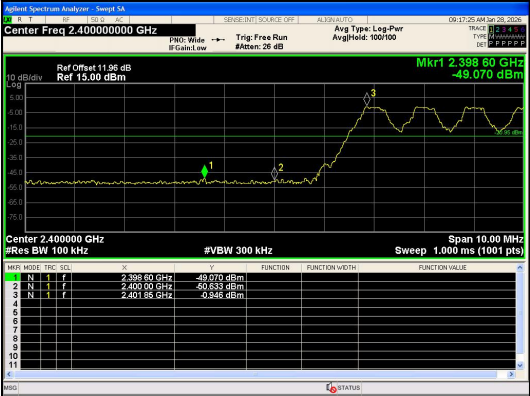
Out Of Band Emission(Left)
 $\pi/4$ DQPSK 2-DH5 Channel Hopping



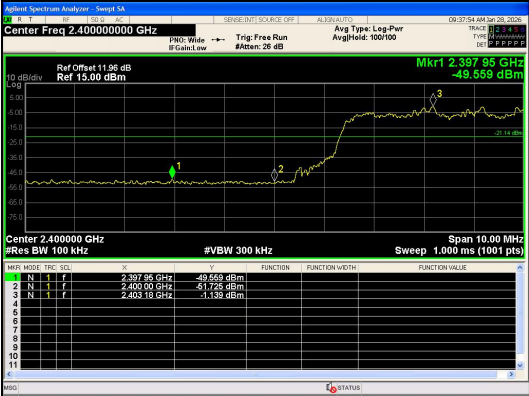
Out Of Band Emission(Right)
GFSK DH5 Channel Hopping



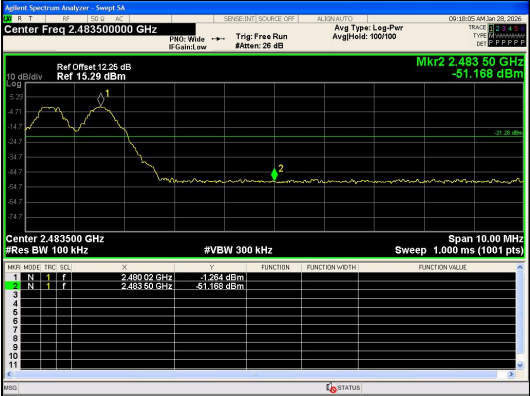
Out Of Band Emission(Right)
 $\pi/4$ DQPSK 2-DH5 Channel Hopping



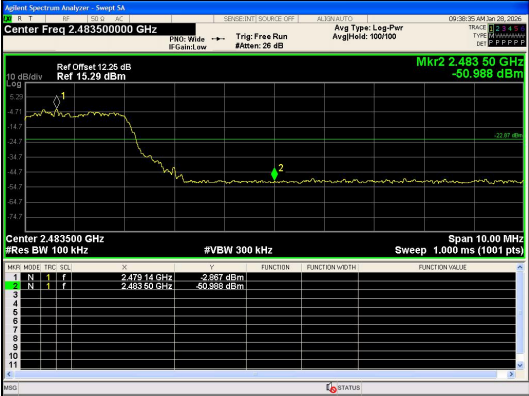
Out Of Band Emission(Left)
GFSK DH5 Channel Hopping



Out Of Band Emission(Left)
 $\pi/4$ DQPSK 2-DH5 Channel Hopping



Out Of Band Emission(Right)
GFSK DH5 Channel Hopping



Out Of Band Emission(Right)
 $\pi/4$ DQPSK 2-DH5 Channel Hopping