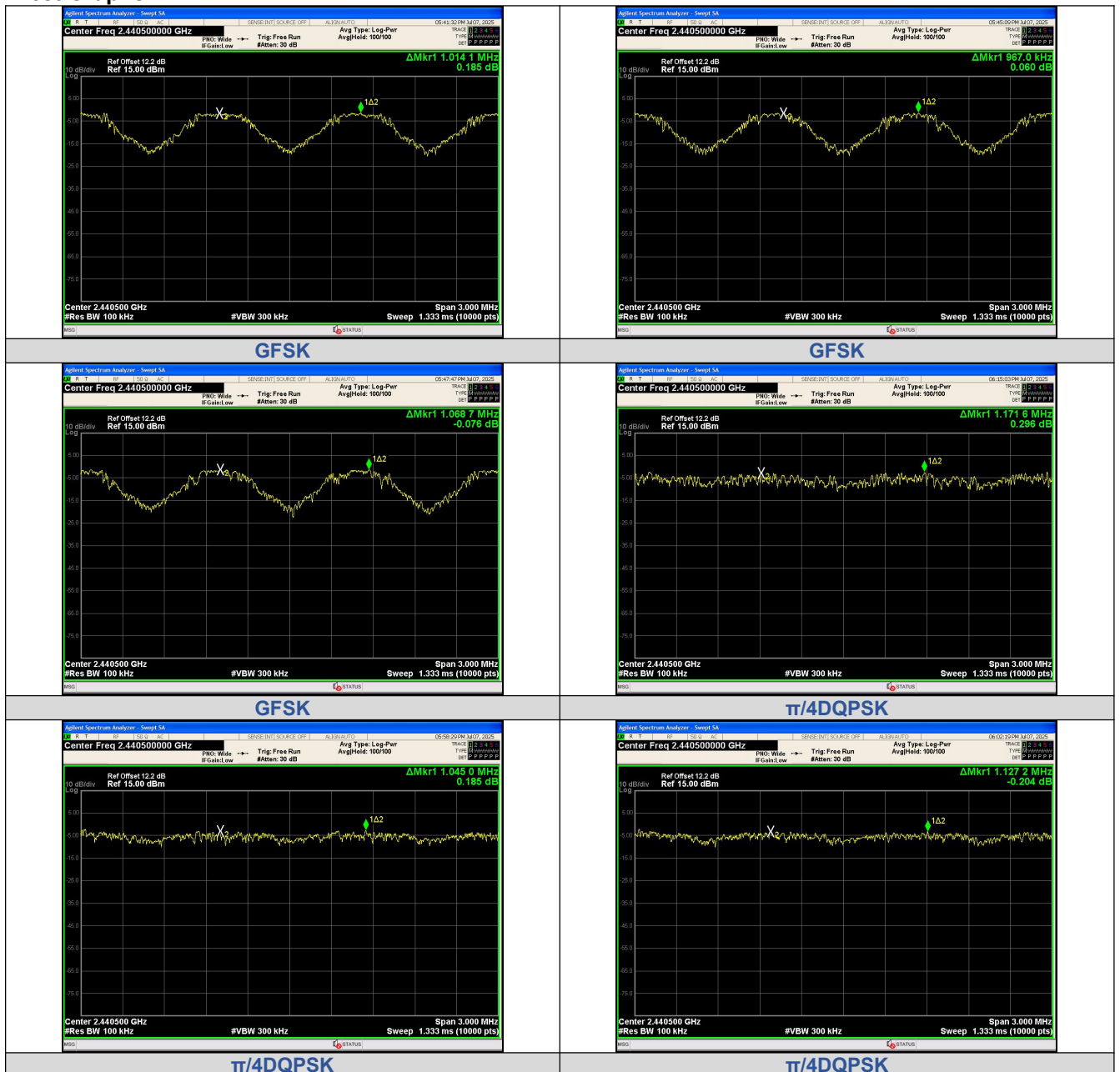


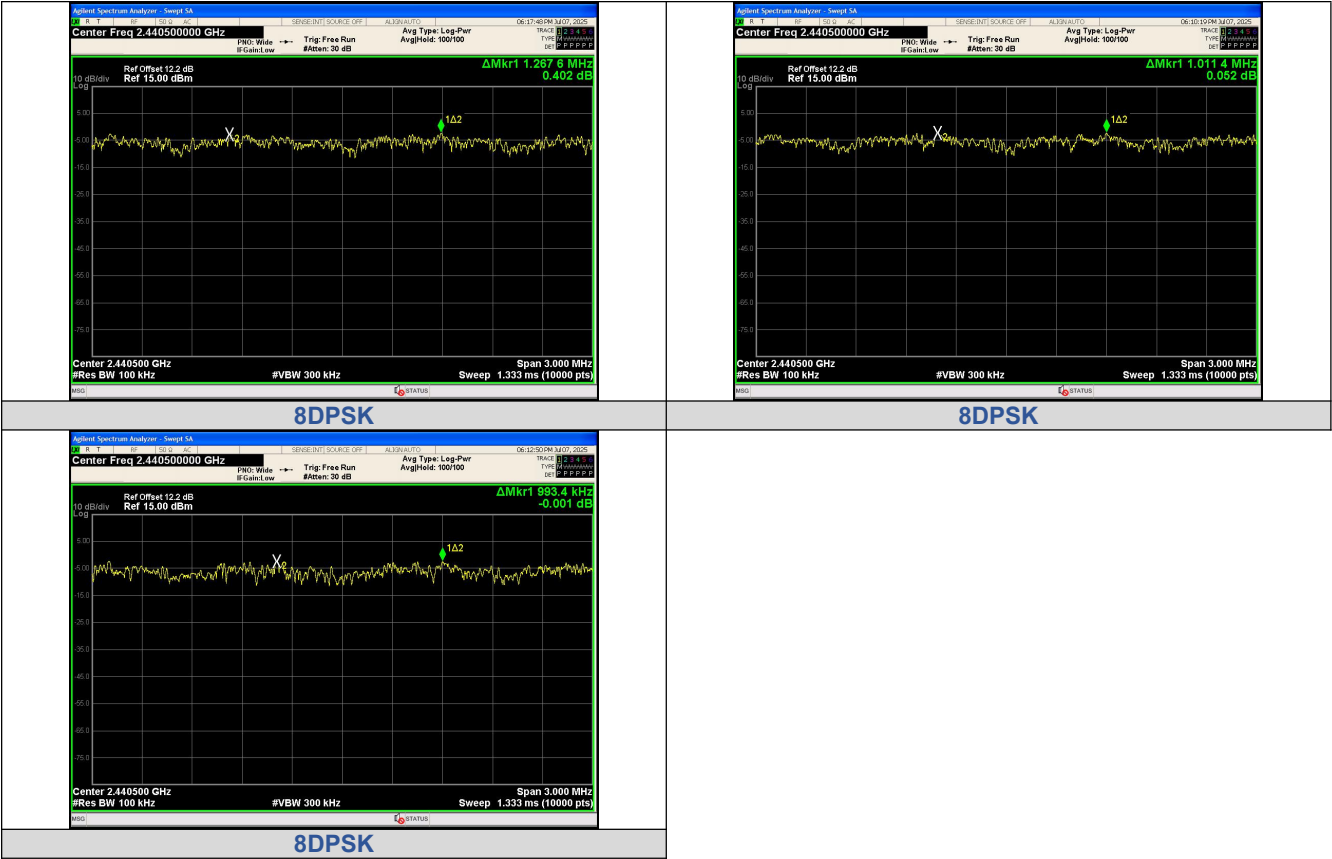
APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.9961	2441.0102	1.0141	0.684	PASS
GFSK	DH5	2440.0711	2441.0381	0.9670	0.684	PASS
GFSK	DH5	2440.0012	2441.0699	1.0687	0.684	PASS
$\pi/4$ DQPSK	2-DH5	2439.9106	2441.0822	1.1716	0.906	PASS
$\pi/4$ DQPSK	2-DH5	2440.0006	2441.0456	1.0450	0.906	PASS
$\pi/4$ DQPSK	2-DH5	2439.9769	2441.1041	1.1272	0.906	PASS
8DPSK	3-DH5	2439.8236	2441.0912	1.2676	0.895	PASS
8DPSK	3-DH5	2440.0867	2441.0981	1.0114	0.895	PASS
8DPSK	3-DH5	2440.1065	2441.0999	0.9934	0.895	PASS

Test Graphs





APPENDIX V. Conducted Out Of Band Emission**Test Result****Non-Hopping**

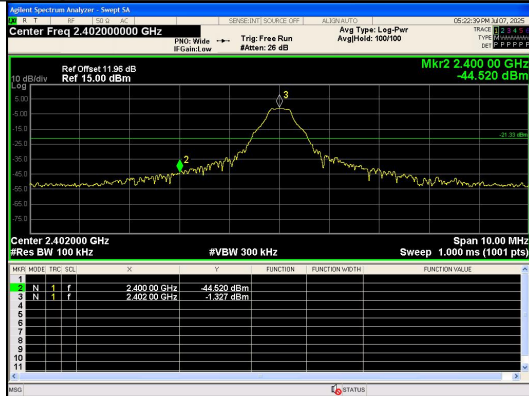
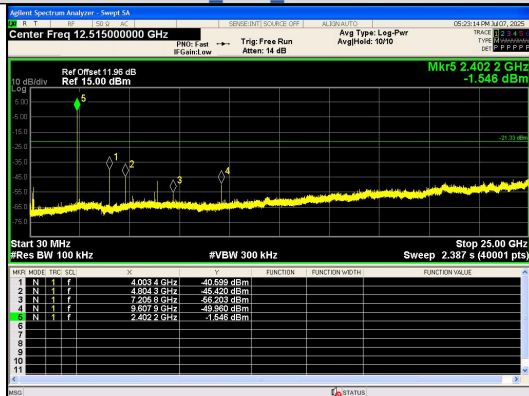
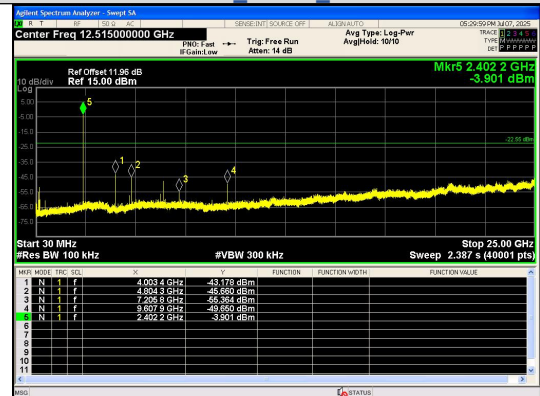
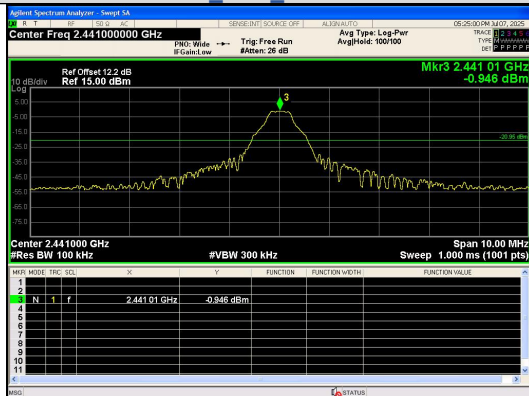
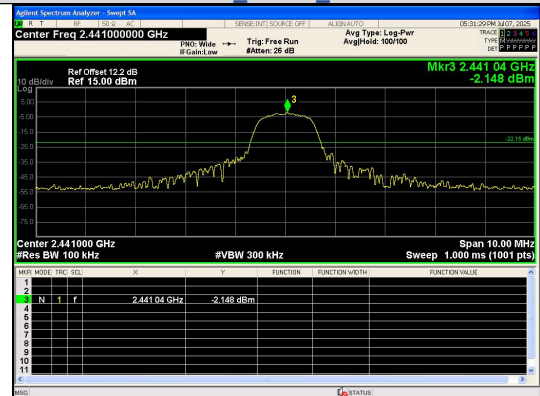
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-44.520	-21.33	-23.190	PASS
			4003.35	-40.599	-21.33	-19.269	PASS
			4804.26	-45.420	-21.33	-24.090	PASS
			7205.75	-56.203	-21.33	-34.873	PASS
			9607.87	-49.960	-21.33	-28.630	PASS
		39	4068.27	-41.513	-20.95	-20.563	PASS
			4881.67	-41.955	-20.95	-21.005	PASS
			7323.11	-56.395	-20.95	-35.445	PASS
			9763.93	-48.599	-20.95	-27.649	PASS
		78	2483.50	-50.084	-20.93	-29.154	PASS
			4960.33	-40.413	-20.93	-19.483	PASS
			7439.85	-60.822	-20.93	-39.892	PASS
			9919.99	-50.438	-20.93	-29.508	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-42.705	-22.55	-20.155	PASS
			4003.35	-43.178	-22.55	-20.628	PASS
			4804.26	-45.660	-22.55	-23.110	PASS
			7205.75	-55.364	-22.55	-32.814	PASS
			9607.87	-49.650	-22.55	-27.100	PASS
		39	4882.30	-43.093	-22.15	-20.944	PASS
			7323.11	-56.545	-22.15	-34.395	PASS
			9763.93	-49.561	-22.15	-27.411	PASS
		78	2483.50	-49.137	-22.16	-26.977	PASS
			4960.33	-42.730	-22.16	-20.570	PASS
			7439.85	-58.289	-22.16	-36.129	PASS
			9919.99	-50.755	-22.16	-28.595	PASS
8DPSK	3-DH5	0	2399.00	-47.577	-22.37	-25.207	PASS
			2400.00	-51.153	-22.37	-28.783	PASS
			4003.40	-42.520	-22.37	-20.150	PASS
			4804.30	-44.554	-22.37	-22.184	PASS
			7205.80	-57.858	-22.37	-35.488	PASS
			9607.90	-50.933	-22.37	-28.563	PASS
		39	4882.30	-43.260	-21.97	-21.290	PASS
			7323.11	-55.527	-21.97	-33.557	PASS
			9763.93	-49.132	-21.97	-27.162	PASS
		78	2483.50	-50.446	-21.98	-28.466	PASS
			4960.33	-43.512	-21.98	-21.532	PASS
			7439.85	-58.428	-21.98	-36.448	PASS
			9919.99	-50.593	-21.98	-28.613	PASS

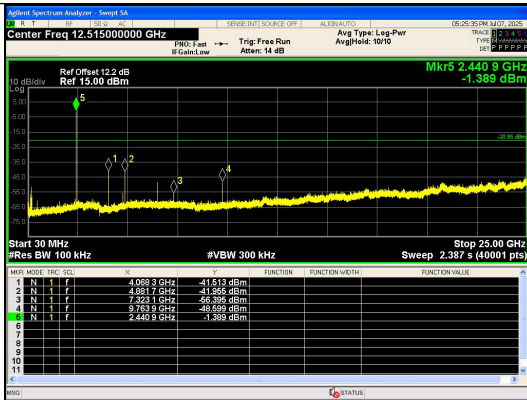
Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2397.74	-49.657	-21.37	-28.287	PASS
			2400.00	-51.527	-21.37	-30.157	PASS
			2483.50	-51.575	-21.14	-30.435	PASS
			2396.82	-49.719	-21.51	-28.209	PASS
			2400.00	-51.814	-21.51	-30.304	PASS
			2483.50	-50.614	-21.15	-29.464	PASS
			2400.00	-46.038	-21.48	-24.558	PASS
			2483.50	-50.214	-21.02	-29.194	PASS
π/4DQPSK	2-DH5		2397.85	-49.562	-22.53	-27.032	PASS
			2400.00	-51.635	-22.53	-29.105	PASS
			2483.50	-51.138	-22.23	-28.908	PASS
			2398.78	-48.075	-22.55	-25.524	PASS
			2400.00	-49.007	-22.55	-26.457	PASS
			2483.50	-49.648	-22.42	-27.228	PASS
			2398.36	-49.553	-22.53	-27.023	PASS
			2400.00	-51.014	-22.53	-28.484	PASS

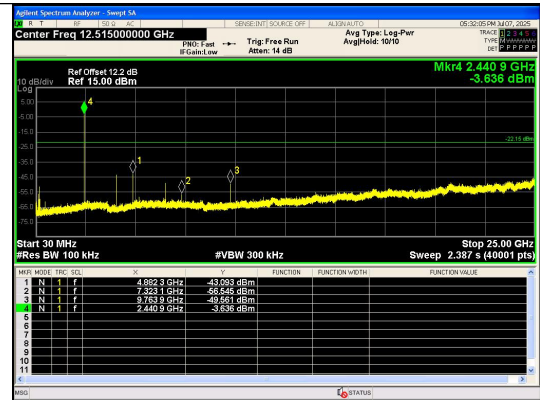
8DPSK	3-DH5		2483.50	-50.921	-22.31	-28.611	PASS
			2398.75	-47.707	-22.49	-25.217	PASS
			2400.00	-51.298	-22.49	-28.808	PASS
			2483.50	-49.155	-22.52	-26.635	PASS
			2395.55	-49.642	-22.45	-27.192	PASS
			2400.00	-51.664	-22.45	-29.214	PASS
			2483.50	-51.619	-22.04	-29.579	PASS
			2397.58	-49.288	-22.36	-26.928	PASS
			2400.00	-52.129	-22.36	-29.769	PASS
			2483.50	-51.311	-22.46	-28.851	PASS

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



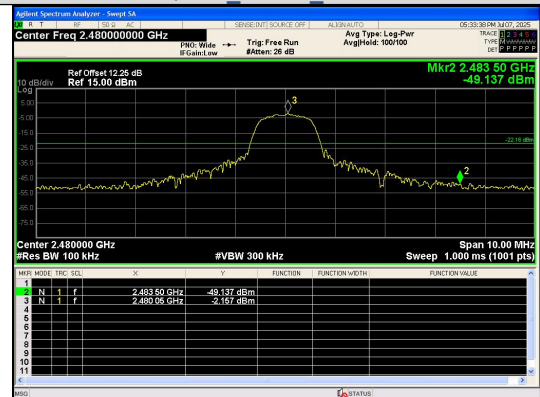
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



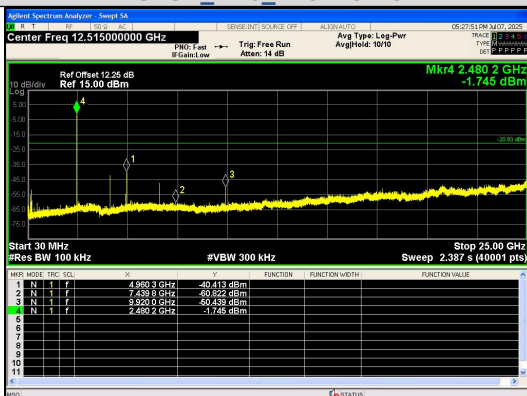
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39



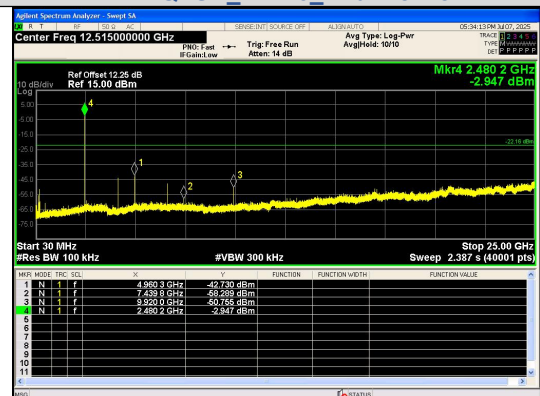
Out Of Band Emission
GFSK_DH5_Channel 78



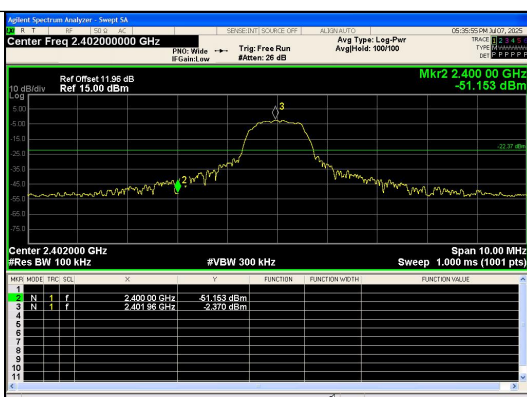
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



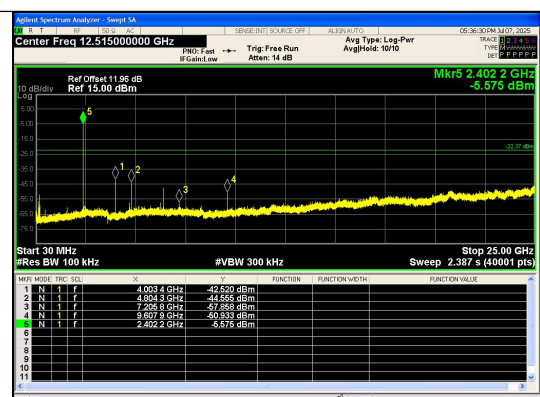
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



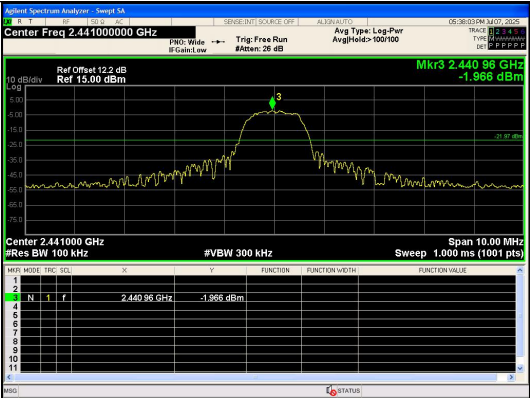
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78



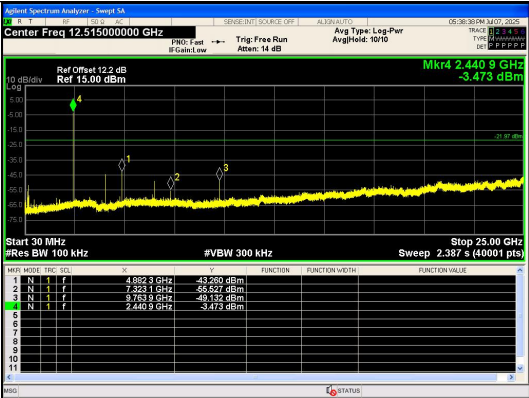
Out Of Band Emission
8DPSK_3-DH5_Channel 0



30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



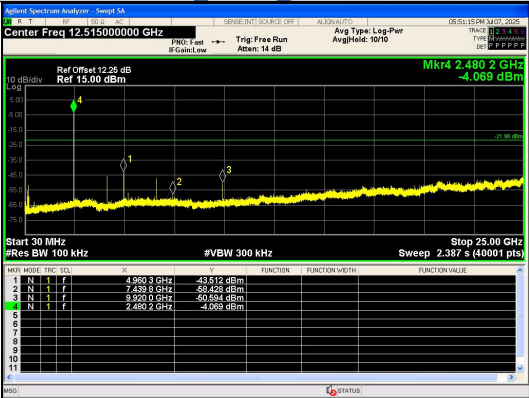
Out of Band Emission
8DPSK 3-DH5 Channel 39



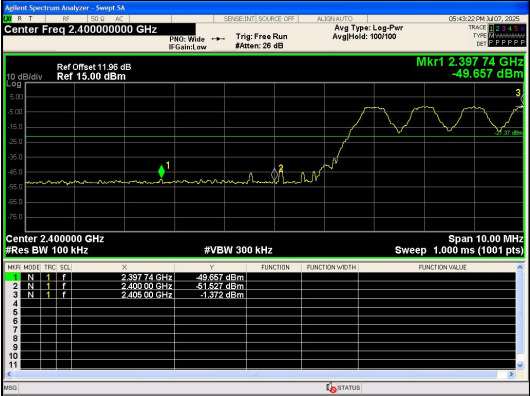
30.0 MHz - 25000.0 MHz
8DPSK 3-DH5 Channel 39



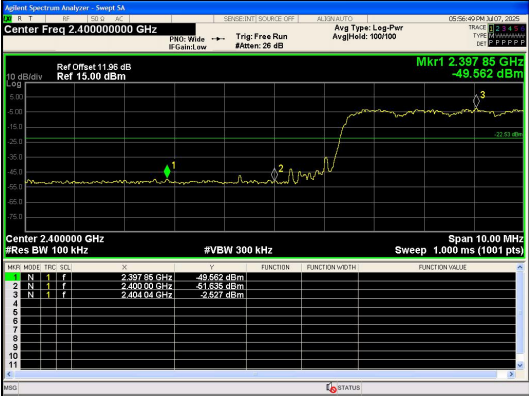
Out of Band Emission
8DPSK 3-DH5 Channel 78



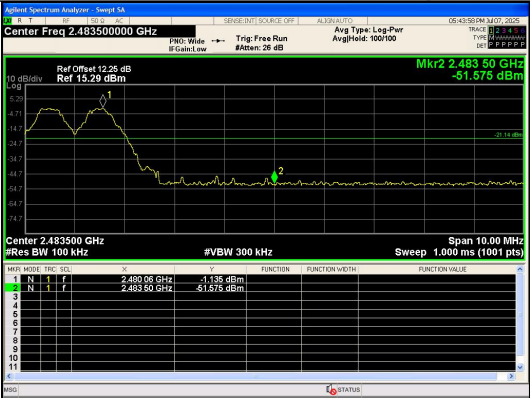
30.0 MHz - 25000.0 MHz
8DPSK 3-DH5 Channel 78



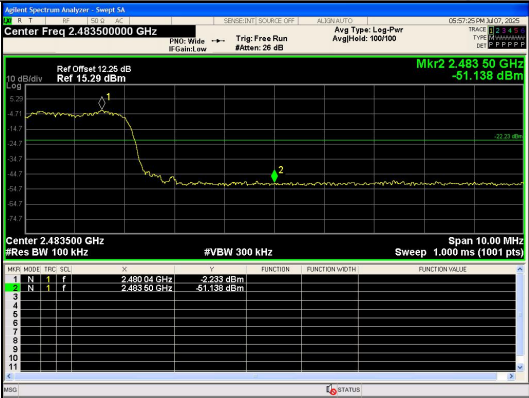
Out of Band Emission(Left)
GFSK DH5 Channel Hopping



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