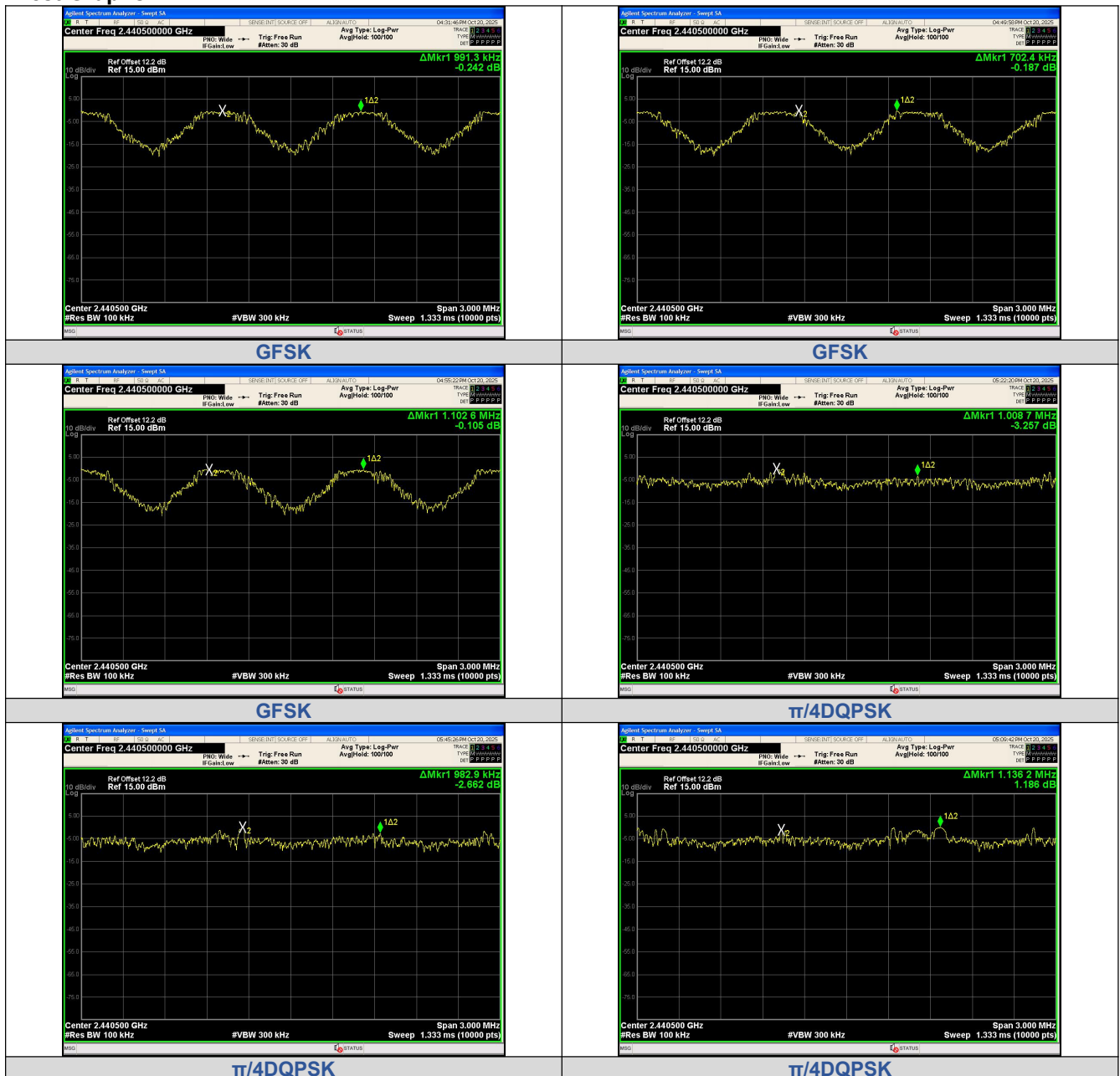


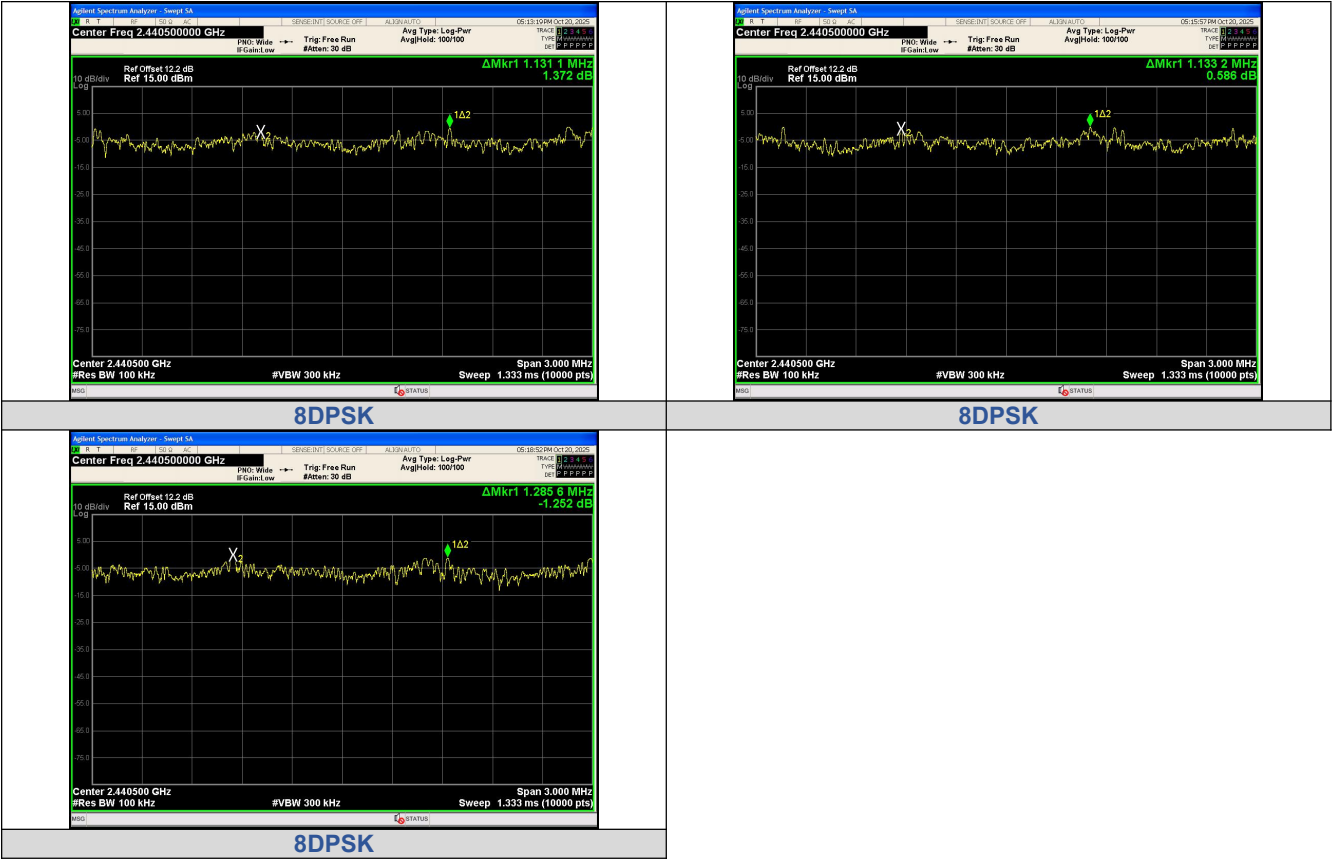
APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.0099	2441.0012	0.9913	0.693	PASS
GFSK	DH5	2440.1578	2440.8602	0.7024	0.693	PASS
GFSK	DH5	2439.9166	2441.0192	1.1026	0.693	PASS
$\pi/4$ DQPSK	2-DH5	2440.0	2441.0087	1.0087	0.887	PASS
$\pi/4$ DQPSK	2-DH5	2440.1566	2441.1395	0.9829	0.887	PASS
$\pi/4$ DQPSK	2-DH5	2440.0324	2441.1686	1.1362	0.887	PASS
8DPSK	3-DH5	2440.0117	2441.1428	1.1311	0.867	PASS
8DPSK	3-DH5	2439.8692	2441.0024	1.1332	0.867	PASS
8DPSK	3-DH5	2439.8458	2441.1314	1.2856	0.867	PASS

Test Graphs





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

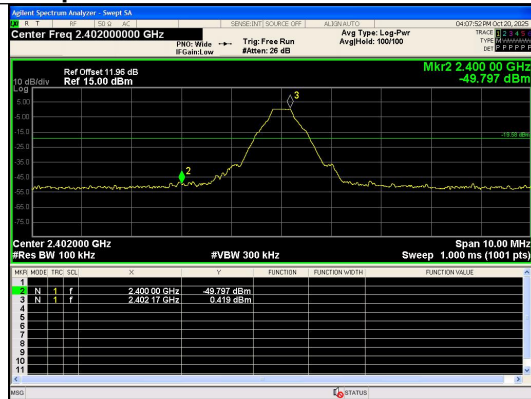
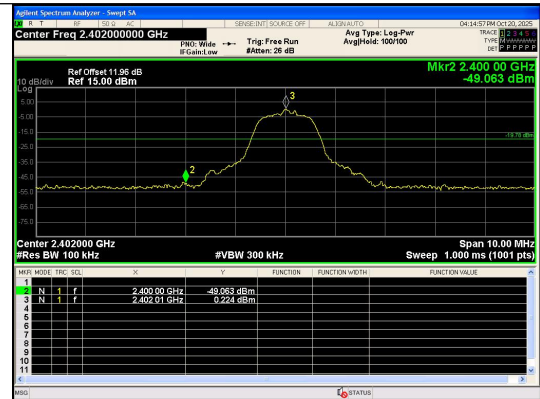
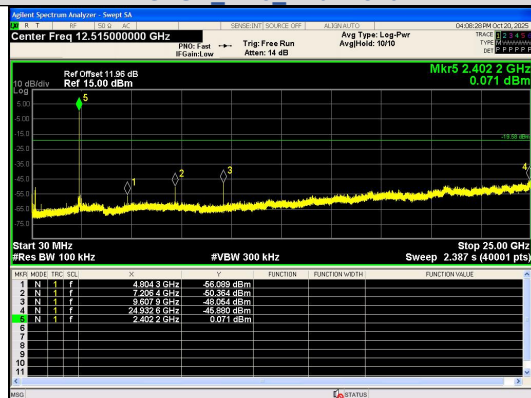
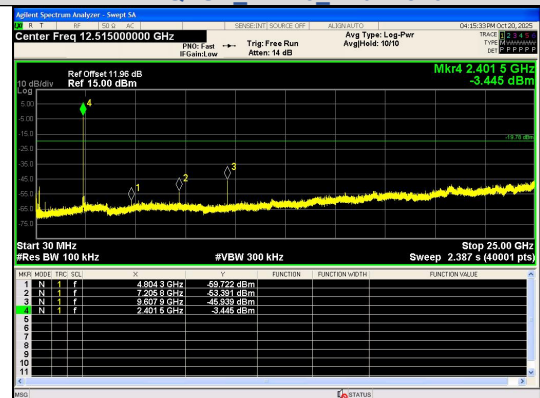
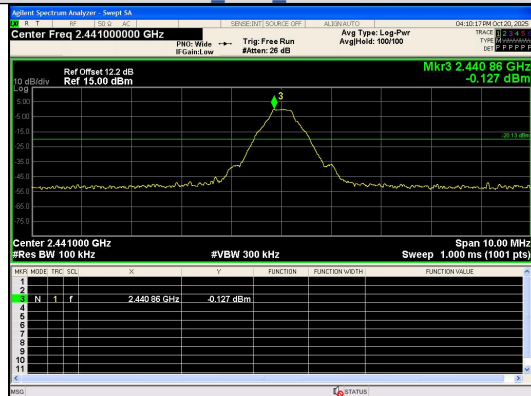
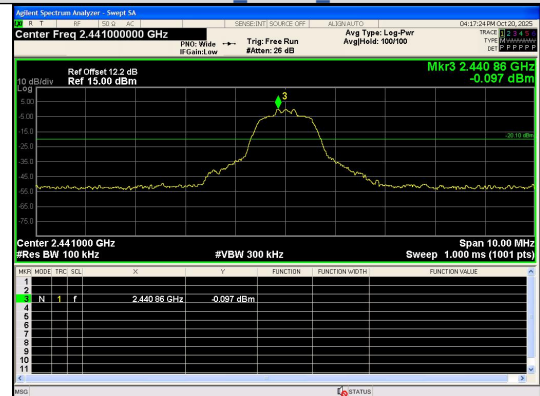
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-49.797	-19.58	-30.217	PASS
			4804.26	-56.089	-19.58	-36.509	PASS
			7206.38	-50.364	-19.58	-30.785	PASS
			9607.87	-48.054	-19.58	-28.474	PASS
			24932.6	-45.880	-19.58	-26.300	PASS
		39	4882.30	-53.334	-20.13	-33.204	PASS
			7323.11	-52.207	-20.13	-32.077	PASS
			9763.93	-46.349	-20.13	-26.219	PASS
			24993.1	-45.666	-20.13	-25.536	PASS
		78	2483.50	-51.584	-19.44	-32.144	PASS
			4960.33	-52.652	-19.44	-33.212	PASS
			7439.85	-51.637	-19.44	-32.197	PASS
			9919.99	-45.739	-19.44	-26.299	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-49.063	-19.78	-29.283	PASS
			4804.26	-59.722	-19.78	-39.942	PASS
			7205.75	-53.391	-19.78	-33.611	PASS
			9607.87	-45.939	-19.78	-26.159	PASS
		39	4881.67	-56.633	-20.1	-36.533	PASS
			7323.11	-53.510	-20.1	-33.410	PASS
			9763.93	-45.107	-20.1	-25.007	PASS
			24980.7	-44.644	-20.1	-24.544	PASS
		78	2483.50	-51.896	-19.48	-32.416	PASS
			4960.33	-50.748	-19.48	-31.268	PASS
			7439.85	-52.089	-19.48	-32.609	PASS
			9919.99	-45.369	-19.48	-25.889	PASS
8DPSK	3-DH5	0	2397.70	-50.151	-19.61	-30.541	PASS
			2400.00	-51.272	-19.61	-31.662	PASS
			4803.60	-53.966	-19.61	-34.356	PASS
			7206.40	-53.770	-19.61	-34.160	PASS
			9607.90	-45.711	-19.61	-26.101	PASS
		39	4881.67	-56.553	-20.19	-36.363	PASS
			7323.11	-54.231	-20.19	-34.041	PASS
			9763.93	-45.273	-20.19	-25.083	PASS
		78	2483.50	-51.995	-19.48	-32.515	PASS
			4960.33	-56.219	-19.48	-36.739	PASS
			7439.85	-53.283	-19.48	-33.803	PASS
			9919.99	-45.798	-19.48	-26.318	PASS
			24990.6	-45.094	-19.48	-25.614	PASS

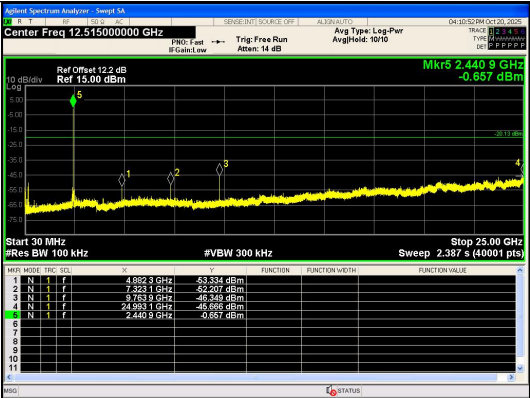
Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.48	-48.497	-19.52	-28.977	PASS
			2400.00	-50.195	-19.52	-30.675	PASS
			2483.50	-50.108	-19.4	-30.708	PASS
			2396.01	-49.062	-19.57	-29.492	PASS
			2400.00	-50.923	-19.57	-31.353	PASS
			2483.50	-49.662	-19.58	-30.082	PASS
			2397.66	-49.428	-19.54	-29.888	PASS
			2400.00	-50.482	-19.54	-30.942	PASS
π/4DQPSK	2-DH5	2483.50	-50.581	-19.52	-31.061	PASS	
		2395.64	-49.489	-19.52	-29.969	PASS	
		2400.00	-51.365	-19.52	-31.845	PASS	
		2483.50	-50.743	-19.51	-31.233	PASS	
		2398.32	-49.520	-19.67	-29.850	PASS	
		2400.00	-51.283	-19.67	-31.613	PASS	
		2483.50	-51.078	-20.98	-30.098	PASS	
		2395.46	-49.197	-19.9	-29.297	PASS	

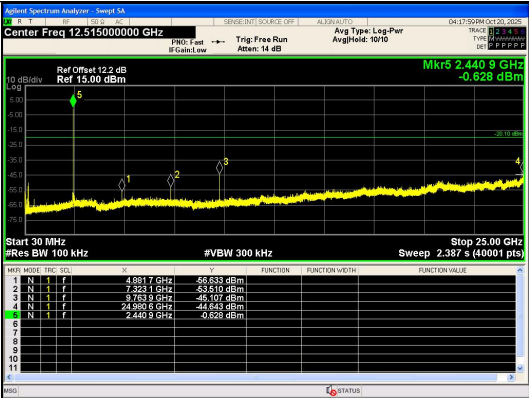
			2400.00	-51.452	-19.9	-31.552	PASS
			2483.50	-48.884	-22.25	-26.634	PASS
			2396.65	-49.561	-19.54	-30.021	PASS
8DPSK	3-DH5		2400.00	-51.315	-19.54	-31.775	PASS
			2483.50	-50.344	-19.77	-30.574	PASS
			2395.89	-49.035	-19.56	-29.475	PASS
			2400.00	-51.217	-19.56	-31.657	PASS
			2483.50	-50.445	-19.73	-30.715	PASS
			2395.33	-49.768	-20.89	-28.878	PASS
			2400.00	-51.566	-20.89	-30.676	PASS
			2483.50	-51.215	-20.33	-30.885	PASS

Test Graphs

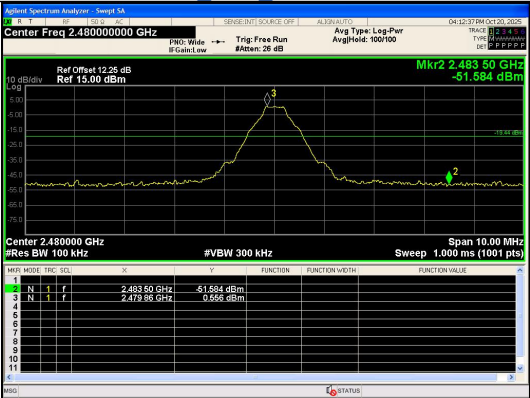
Out Of Band Emission
GFSK DH5 Channel 0Out Of Band Emission
π/4DQPSK 2-DH5 Channel 030.0 MHz - 25000.0 MHz
GFSK DH5 Channel 030.0 MHz - 25000.0 MHz
π/4DQPSK 2-DH5 Channel 0Out Of Band Emission
GFSK DH5 Channel 39Out Of Band Emission
π/4DQPSK 2-DH5 Channel 39



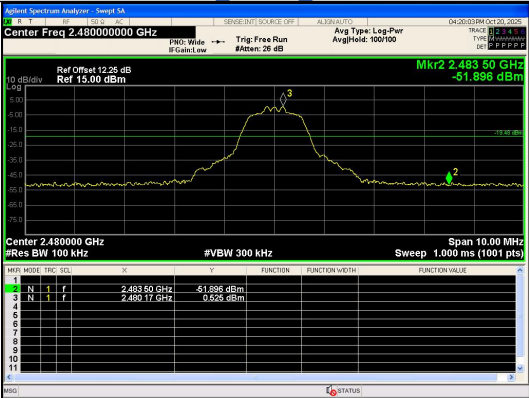
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 39



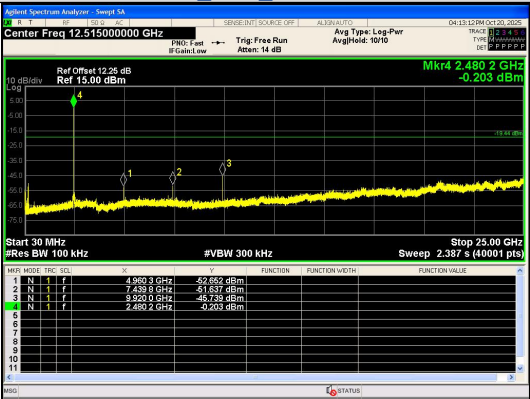
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 39



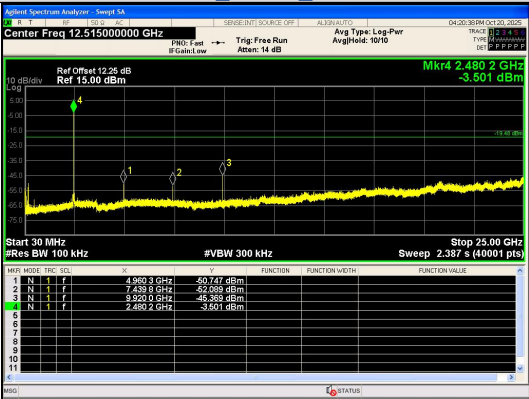
Out Of Band Emission
GFSK DH5 Channel 78



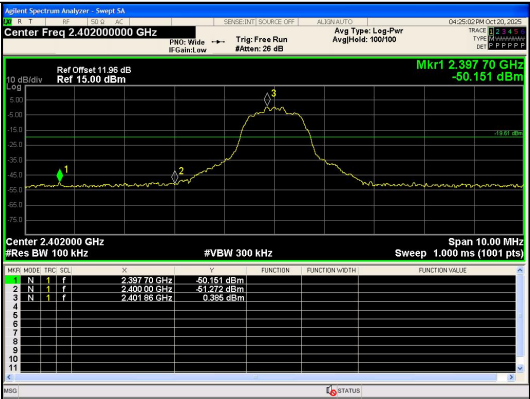
Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 78



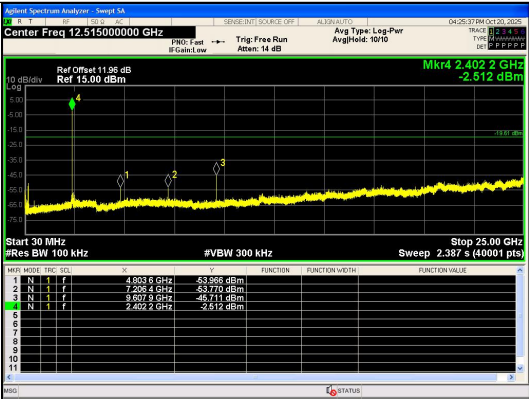
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 78



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