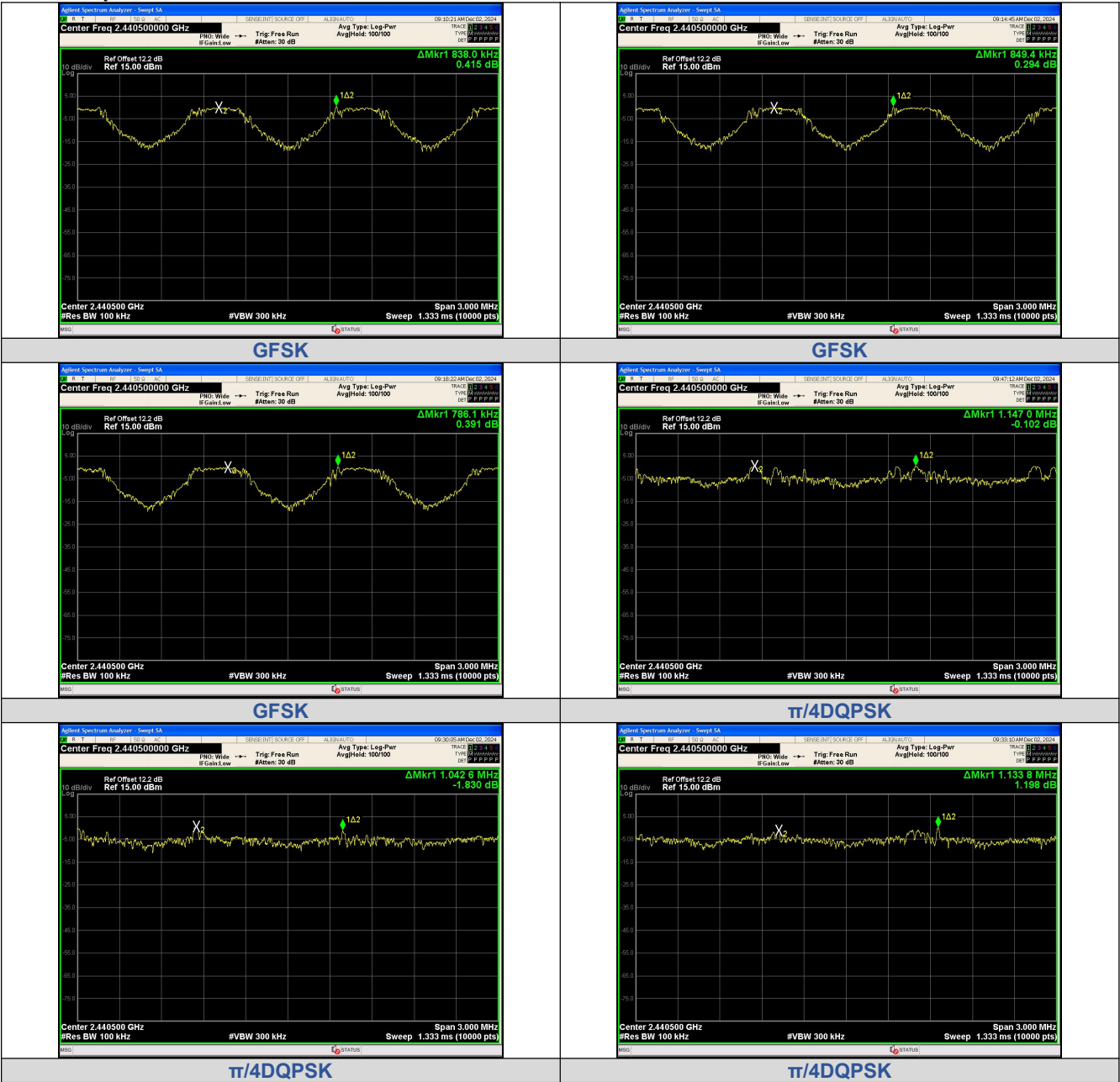
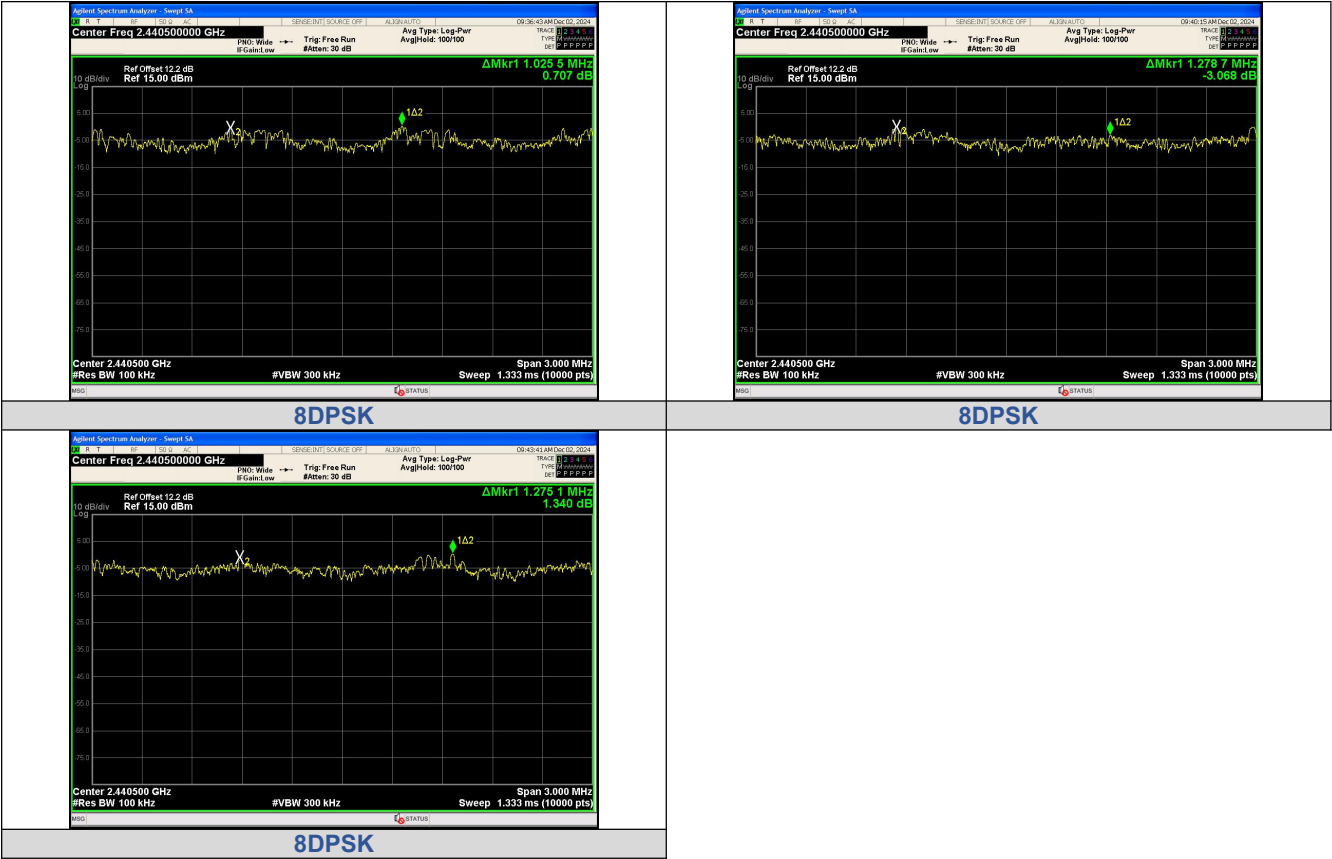


APPENDIX VII. Carrier Frequencies Separation
Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.0072	2440.8452	0.8380	0.636	PASS
GFSK	DH5	2439.9865	2440.8359	0.8494	0.634	PASS
GFSK	DH5	2440.0714	2440.8575	0.7861	0.633	PASS
$\pi/4$ DQPSK	2-DH5	2439.8485	2440.9955	1.1470	0.853	PASS
$\pi/4$ DQPSK	2-DH5	2439.847	2440.8896	1.0426	0.85	PASS
$\pi/4$ DQPSK	2-DH5	2440.0201	2441.1539	1.1338	0.851	PASS
8DPSK	3-DH5	2439.8308	2440.8563	1.0255	0.864	PASS
8DPSK	3-DH5	2439.8437	2441.1224	1.2787	0.865	PASS
8DPSK	3-DH5	2439.8863	2441.1614	1.2751	0.867	PASS

Test Graphs





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

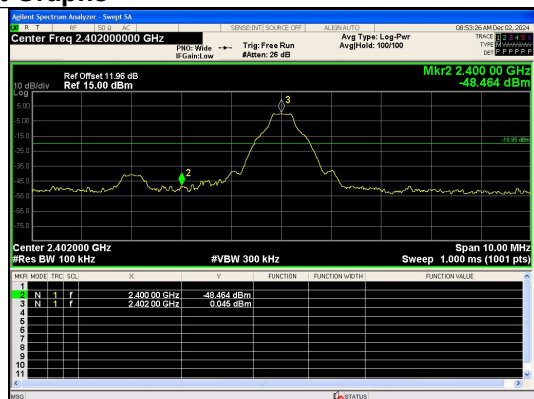
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2399.00	-40.771	-19.95	-20.821	PASS
			2400.00	-48.464	-19.95	-28.514	PASS
			4804.40	-53.143	-19.95	-33.193	PASS
			7206.60	-56.537	-19.95	-36.587	PASS
			9601.90	-34.063	-19.95	-14.113	PASS
			9608.70	-63.802	-19.95	-43.852	PASS
		39	4881.79	-48.295	-19.68	-28.615	PASS
			7322.67	-58.243	-19.68	-38.563	PASS
			9757.93	-32.309	-19.68	-12.629	PASS
			9764.80	-63.358	-19.68	-43.678	PASS
		78	2483.50	-48.867	-19.47	-29.397	PASS
			4960.45	-53.146	-19.47	-33.676	PASS
			7440.03	-58.023	-19.47	-38.553	PASS
			9914.00	-31.150	-19.47	-11.680	PASS
			9920.86	-62.131	-19.47	-42.661	PASS
$\pi/4$ DQPSK	2-DH5	0	2398.86	-40.578	-19.97	-20.608	PASS
			2400.00	-51.148	-19.97	-31.178	PASS
			4803.80	-56.975	-19.97	-37.005	PASS
			7205.90	-60.970	-19.97	-41.000	PASS
			9601.90	-34.019	-19.97	-14.049	PASS
			9608.70	-60.937	-19.97	-40.967	PASS
		39	4881.79	-47.335	-19.45	-27.885	PASS
			7323.30	-57.579	-19.45	-38.129	PASS
			9757.93	-32.190	-19.45	-12.740	PASS
			9764.80	-63.295	-19.45	-43.845	PASS
		78	2483.50	-50.096	-19.52	-30.576	PASS
			4959.83	-55.575	-19.52	-36.055	PASS
			7440.03	-58.203	-19.52	-38.683	PASS
			9914.00	-31.267	-19.52	-11.747	PASS
			9920.24	-62.711	-19.52	-43.191	PASS
8DPSK	3-DH5	0	2399.00	-41.920	-19.99	-21.930	PASS
			2400.00	-48.394	-19.99	-28.404	PASS
			4804.40	-52.578	-19.99	-32.588	PASS
			7205.90	-59.336	-19.99	-39.346	PASS
			9601.90	-34.356	-19.99	-14.366	PASS
			9608.10	-64.538	-19.99	-44.549	PASS
		39	4881.79	-51.192	-19.43	-31.762	PASS
			7323.30	-59.234	-19.43	-39.804	PASS
			9757.93	-32.391	-19.43	-12.961	PASS
			9764.80	-63.371	-19.43	-43.941	PASS
		78	2483.50	-51.142	-19.3	-31.842	PASS
			4959.83	-55.782	-19.3	-36.482	PASS
			7440.03	-58.636	-19.3	-39.336	PASS
			9914.00	-31.452	-19.3	-12.152	PASS
			9920.24	-64.402	-19.3	-45.102	PASS

Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.91	-42.048	-20.23	-21.818	PASS
			2400.00	-42.375	-20.23	-22.145	PASS
			2483.50	-50.413	-19.33	-31.083	PASS
			2400.00	-42.177	-20.17	-22.007	PASS
			2483.50	-50.184	-19.37	-30.814	PASS
			2400.00	-41.001	-20.17	-20.831	PASS
			2483.50	-49.205	-19.58	-29.625	PASS
$\pi/4$ DQPSK	2-DH5		2398.90	-43.577	-20.05	-23.527	PASS
			2400.00	-43.770	-20.05	-23.720	PASS

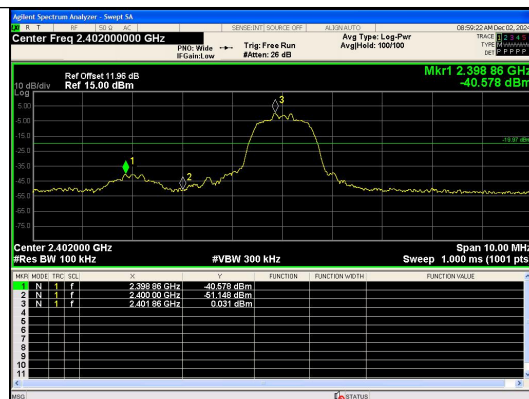
			2483.50	-51.245	-19.32	-31.925	PASS
			2398.92	-43.609	-20.02	-23.589	PASS
			2400.00	-44.064	-20.02	-24.044	PASS
			2483.50	-50.643	-19.37	-31.273	PASS
			2400.00	-41.454	-20.12	-21.334	PASS
			2483.50	-50.475	-19.63	-30.845	PASS
8DPSK	3-DH5		2398.84	-42.584	-19.94	-22.644	PASS
			2400.00	-43.956	-19.94	-24.016	PASS
			2483.50	-51.050	-19.43	-31.620	PASS
			2400.00	-42.445	-20.19	-22.255	PASS
			2483.50	-50.653	-19.41	-31.243	PASS
			2400.00	-43.543	-19.95	-23.593	PASS
			2483.50	-50.631	-22.22	-28.411	PASS

Test Graphs

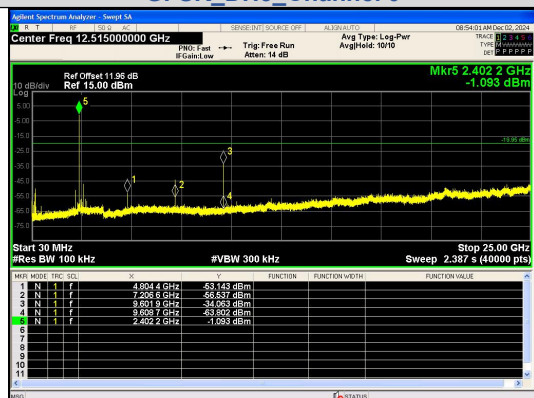


Out Of Band Emission

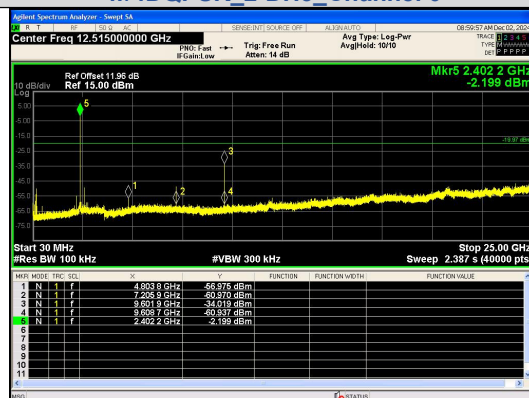
GFSK DH5 Channel 0



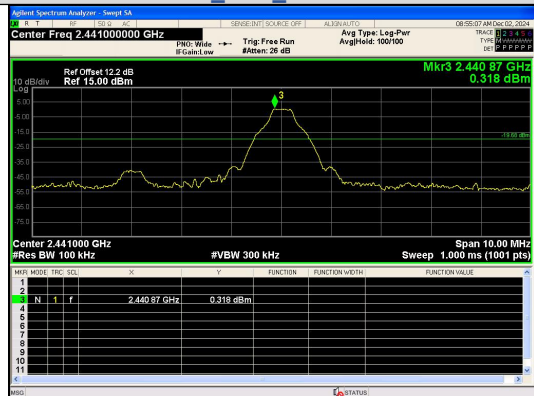
Out Of Band Emission



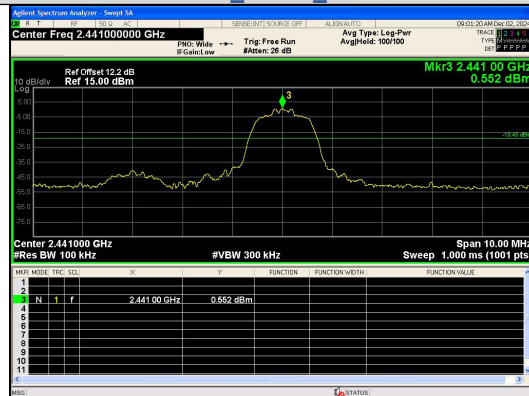
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 0



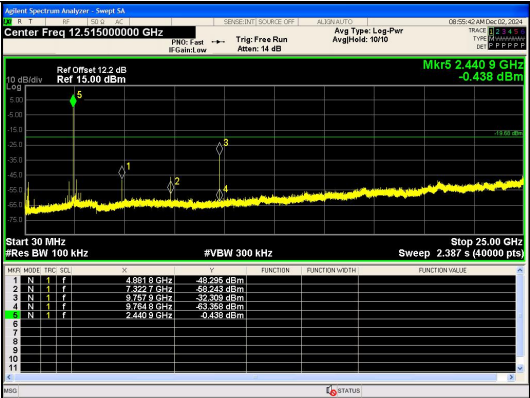
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π/4DQPSK 2-DH5 Channel 0



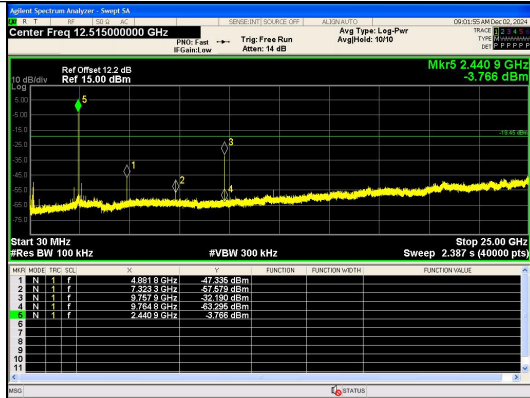
Out Of Band Emission GFSK DH5 Channel 39



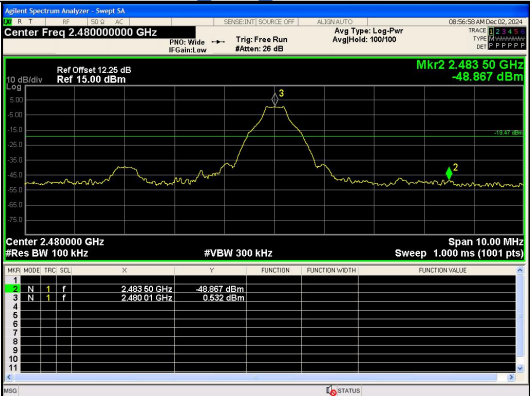
Out Of Band Emission
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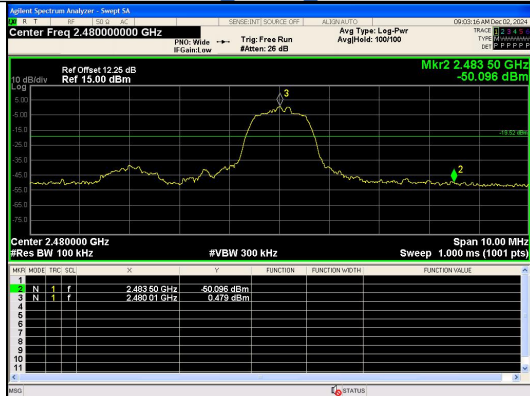
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GFSK DH5 Channel 39



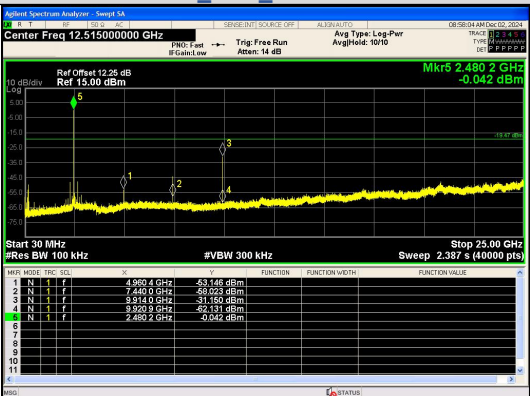
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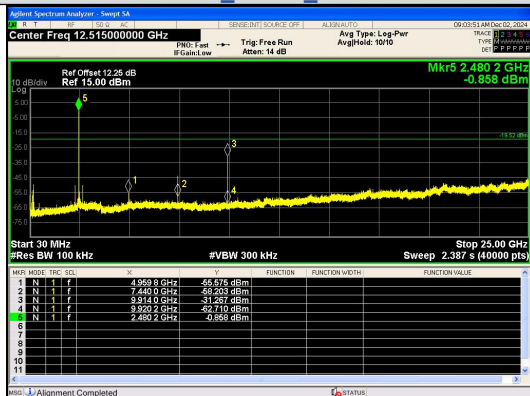
Out Of Band Emission
GFSK DH5 Channel 78



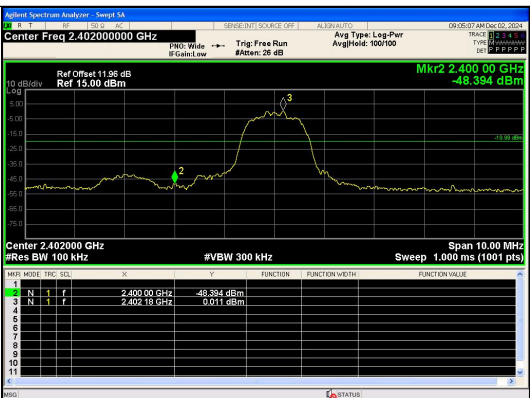
Out Of Band Emission
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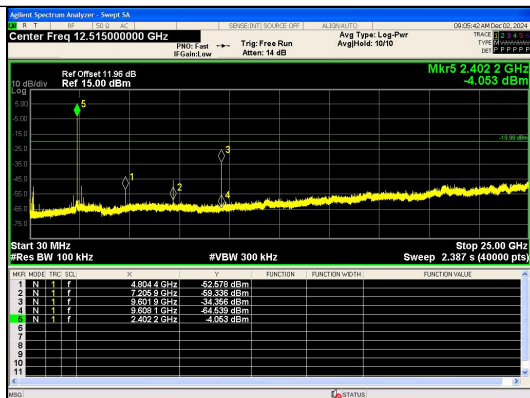
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 78



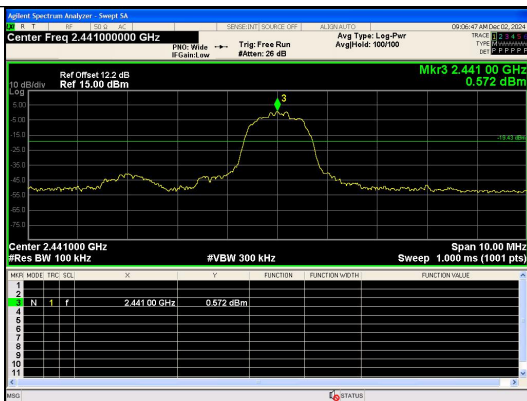
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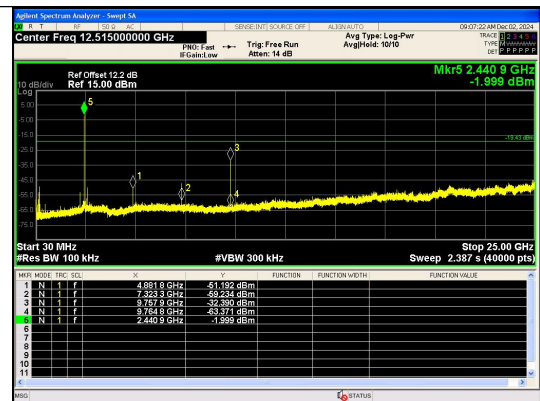
Out Of Band Emission
8DPSK 3-DH5 Channel 0



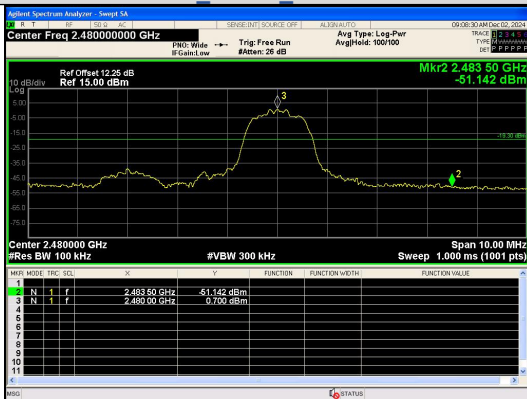
30.0 MHz - 25000.0 MHz
8DPSK 3-DH5 Channel 0



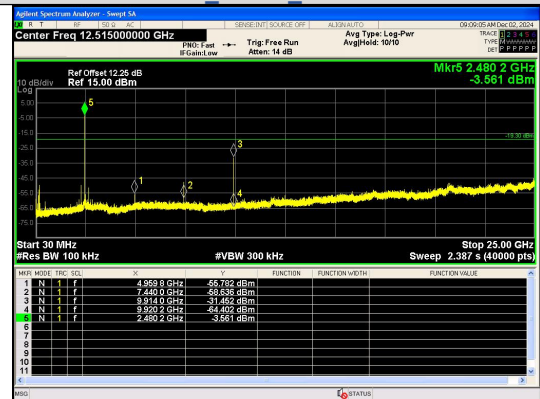
**Out Of Band Emission
8DPSK_3-DH5_Channel 39**



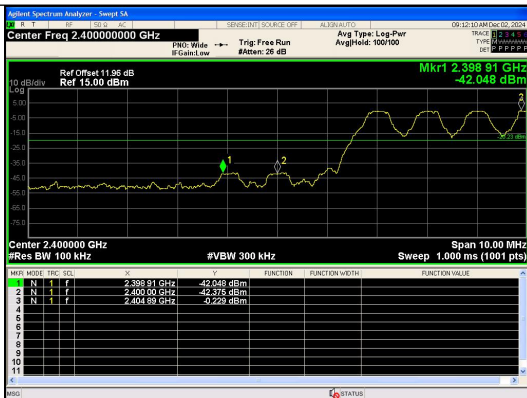
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39**



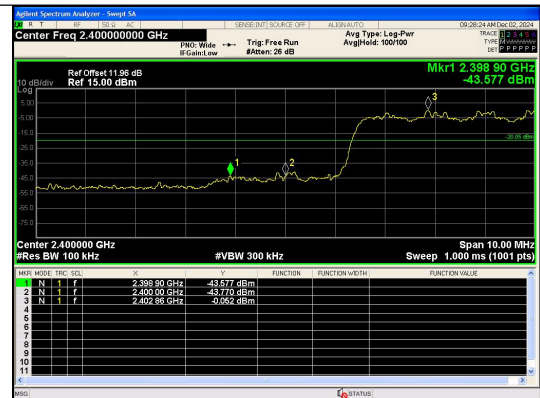
**Out Of Band Emission
8DPSK_3-DH5_Channel 78**



**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**