APPENDIX VII.Carrier Frequencies Separation

Test Result

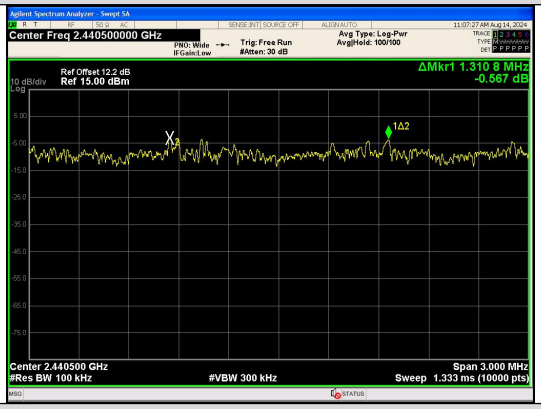
Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.9244	2440.9472	1.0228	0.691	PASS
GFSK	DH5	2440.0399	2440.8533	0.8134	0.697	PASS
GFSK	DH5	2440.0189	2441.0882	1.0693	0.693	PASS
π/4DQPSK	2-DH5	2439.8467	2441.1575	1.3108	0.883	PASS
π/4DQPSK	2-DH5	2439.8272	2441.1506	1.3234	0.891	PASS
π/4DQPSK	2-DH5	2440.1215	2441.1617	1.0402	0.889	PASS
8DPSK	3-DH5	2439.8665	2440.8632	0.9967	0.865	PASS
8DPSK	3-DH5	2440.0291	2441.1815	1.1524	0.858	PASS
8DPSK	3-DH5	2440.0081	2441.0156	1.0075	0.859	PASS

Test Graphs

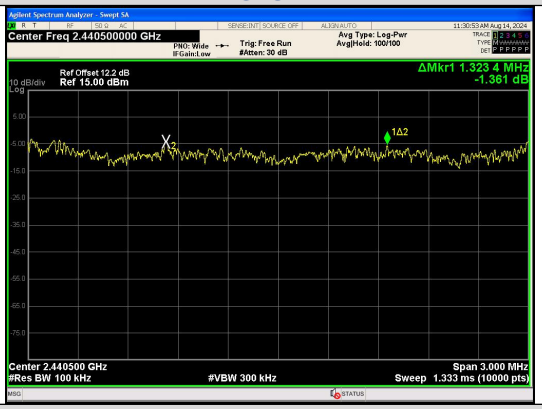
GFSK

GFSK

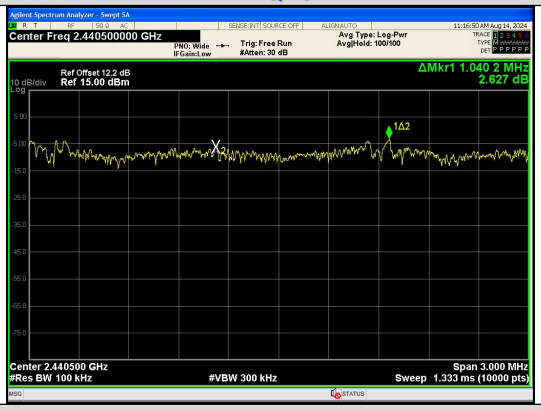
GFSK



π/4DQPSK



π/4DQPSK



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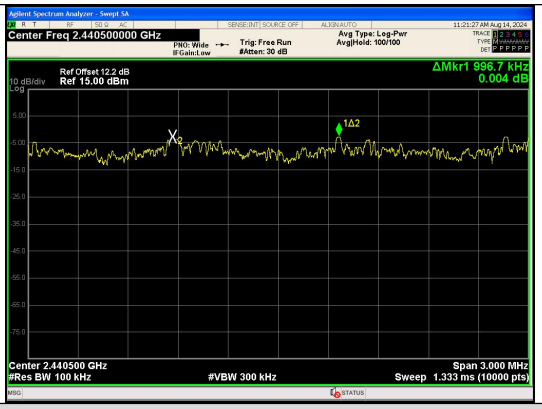
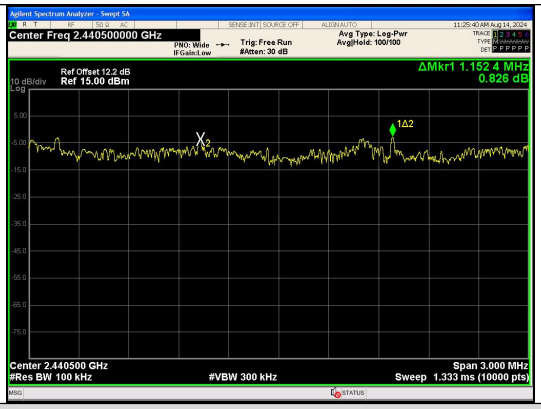
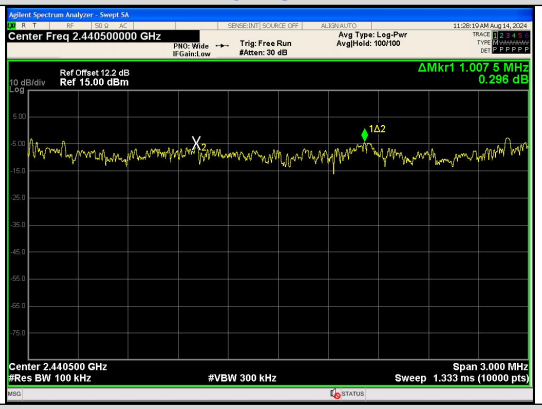


8DPSK



8DPSK



8DPSK

APPENDIX VIII.Conducted Out Of Band Emission

Test Result

Non-Hopping

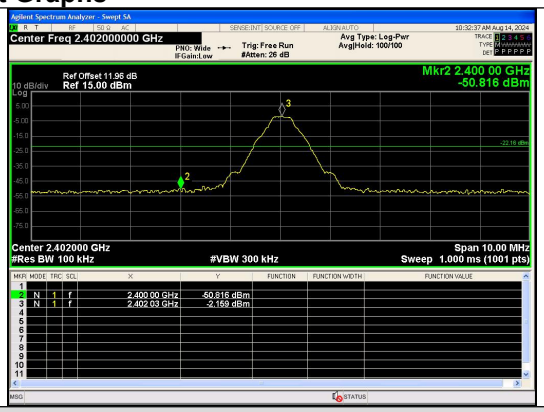
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-50.816	-22.16	-28.656	PASS
			4803.76	-41.042	-22.16	-18.882	PASS
			7205.93	-55.491	-22.16	-33.331	PASS
			9608.11	-52.400	-22.16	-30.240	PASS
		39	4881.79	-41.781	-22.72	-19.061	PASS
			7323.30	-56.097	-22.72	-33.377	PASS
			9764.17	-52.520	-22.72	-29.800	PASS
		78	2483.50	-51.657	-23.4	-28.257	PASS
			4959.83	-43.830	-23.4	-20.430	PASS
			7440.03	-55.401	-23.4	-32.001	PASS
			9920.24	-52.284	-23.4	-28.884	PASS
π/4DQPSK	2-DH5	0	2400.00	-50.654	-22.16	-28.494	PASS
			4803.76	-43.418	-22.16	-21.258	PASS
			7205.93	-58.679	-22.16	-36.519	PASS
			9608.11	-52.075	-22.16	-29.915	PASS
		39	4881.79	-43.506	-22.77	-20.736	PASS
			7322.67	-57.691	-22.77	-34.921	PASS
			9764.17	-53.335	-22.77	-30.565	PASS
		78	2483.50	-51.012	-23.39	-27.622	PASS
			4959.83	-45.270	-23.39	-21.880	PASS
			7440.66	-58.771	-23.39	-35.381	PASS
			9920.24	-51.276	-23.39	-27.886	PASS
8DPSK	3-DH5	0	2398.90	-50.580	-22.1	-28.480	PASS
			2400.00	-51.512	-22.1	-29.412	PASS
			4804.40	-44.499	-22.1	-22.399	PASS
			7205.90	-58.543	-22.1	-36.443	PASS
			9608.10	-52.783	-22.1	-30.683	PASS
		39	4881.79	-42.503	-22.73	-19.773	PASS
			7323.30	-58.148	-22.73	-35.418	PASS
			9764.17	-52.473	-22.73	-29.743	PASS
		78	2483.50	-51.800	-23.37	-28.430	PASS
			4959.83	-46.398	-23.37	-23.028	PASS
			7439.41	-58.904	-23.37	-35.534	PASS
			9920.24	-51.785	-23.37	-28.415	PASS
			24971.3	-45.993	-23.37	-22.623	PASS

Hopping

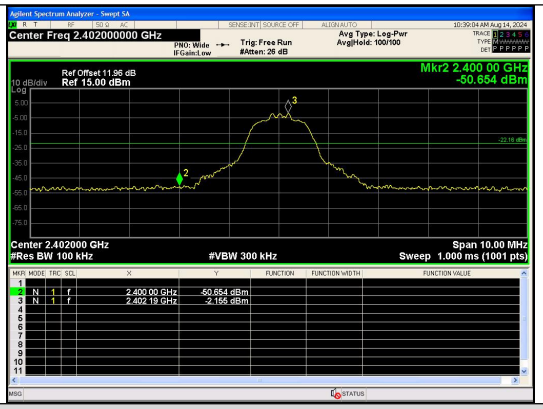
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.36	-49.553	-22.21	-27.343	PASS
			2400.00	-51.698	-22.21	-29.488	PASS
			2483.50	-50.751	-23.35	-27.401	PASS
			2395.15	-49.544	-22.05	-27.494	PASS
			2400.00	-51.401	-22.05	-29.351	PASS
			2483.50	-50.998	-23.5	-27.498	PASS
			2396.63	-49.299	-22.23	-27.069	PASS
			2400.00	-51.150	-22.23	-28.920	PASS
			2483.50	-50.771	-23.37	-27.401	PASS
π/4DQPSK	2-DH5		2395.58	-49.334	-23.02	-26.314	PASS
			2400.00	-50.855	-23.02	-27.835	PASS
			2483.50	-50.935	-23.46	-27.475	PASS
			2396.77	-48.696	-22.19	-26.506	PASS
			2400.00	-50.928	-22.19	-28.738	PASS
			2483.50	-51.115	-23.38	-27.735	PASS
			2398.46	-49.510	-22.07	-27.440	PASS
			2400.00	-51.912	-22.07	-29.842	PASS
			2483.50	-50.490	-23.48	-27.010	PASS
8DPSK	3-DH5		2396.08	-49.478	-22.18	-27.298	PASS

			2400.00	-51.513	-22.18	-29.333	PASS
			2483.50	-50.712	-23.39	-27.322	PASS
			2395.61	-49.963	-22.13	-27.833	PASS
			2400.00	-51.083	-22.13	-28.953	PASS
			2483.50	-49.557	-23.42	-26.137	PASS
			2396.98	-49.968	-22.91	-27.058	PASS
			2400.00	-52.240	-22.91	-29.330	PASS
			2483.50	-49.770	-23.55	-26.220	PASS

Test Graphs



Out Of Band Emission
GFSK_DH5_Channel 0



Out Of Band Emission
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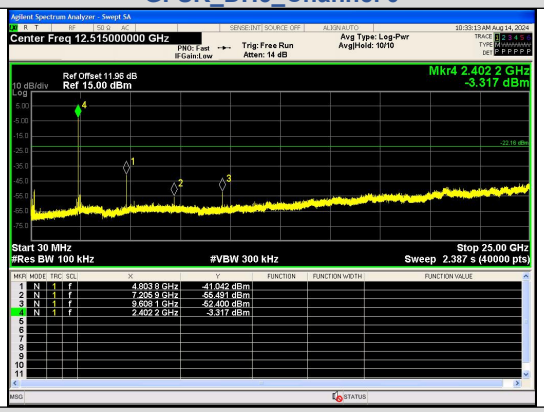
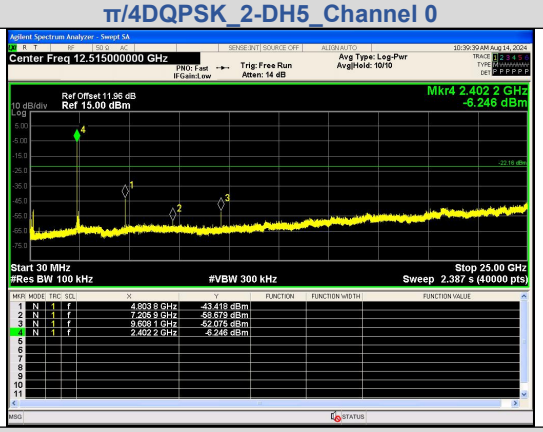
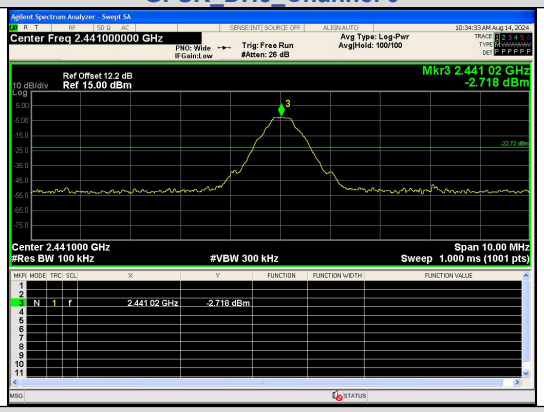


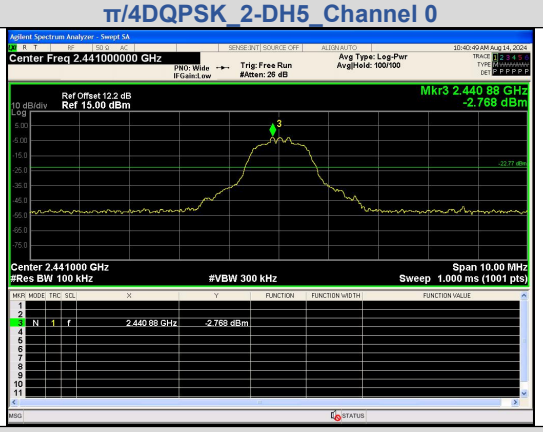
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 0



30.0 MHz - 25000.0 MHz
π/4DQPSK_2-DH5_Channel 0



Out Of Band Emission
GFSK_DH5_Channel 39



Out Of Band Emission
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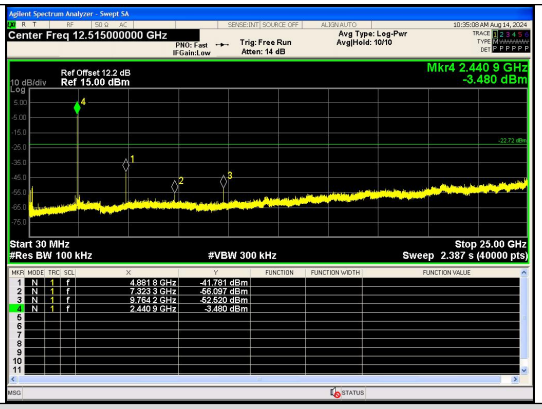
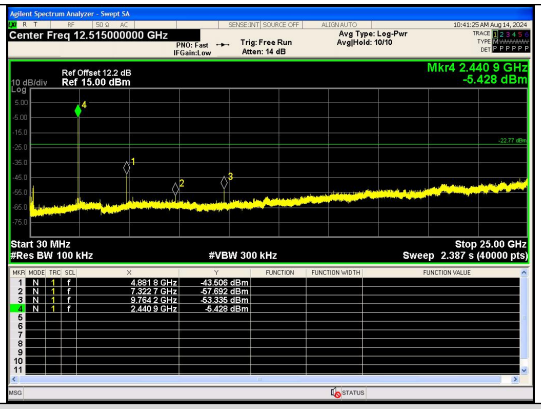


30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



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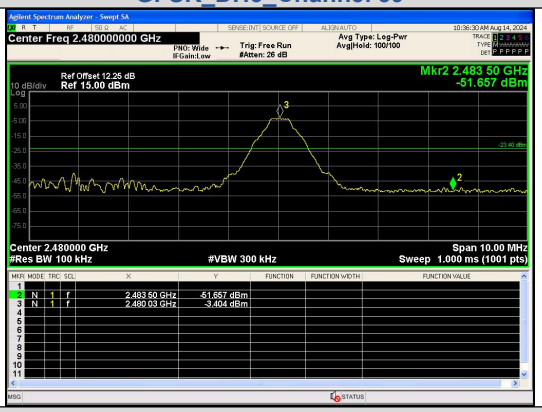
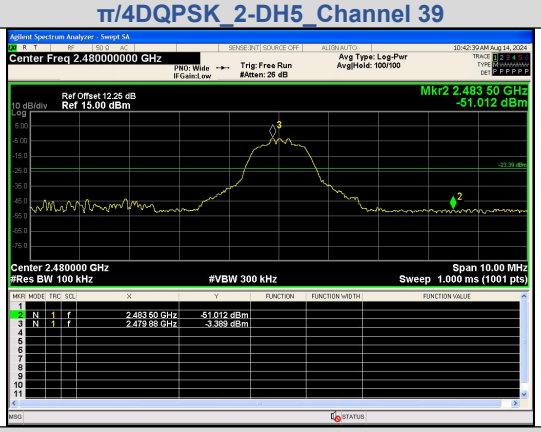


Out Of Band Emission
GFSK_DH5_Channel 78



Out Of Band Emission
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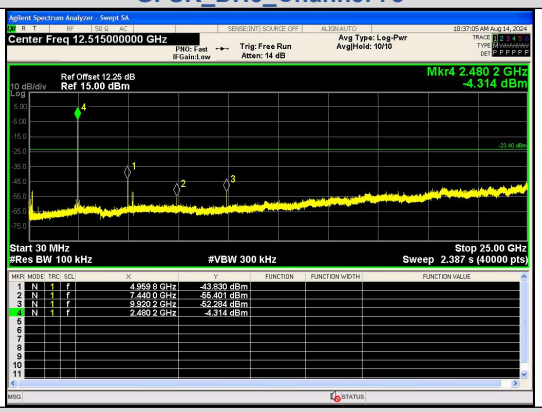
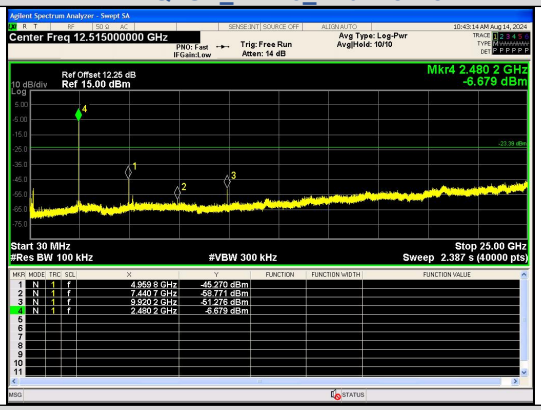
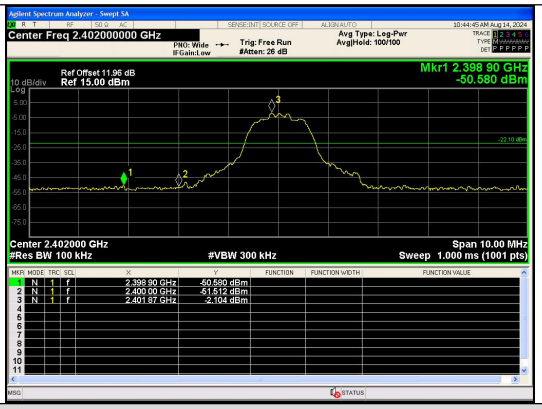


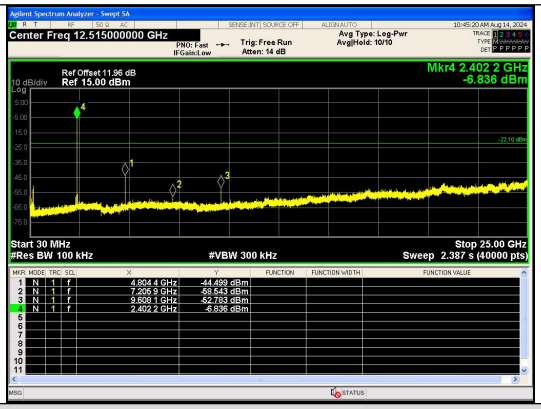
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



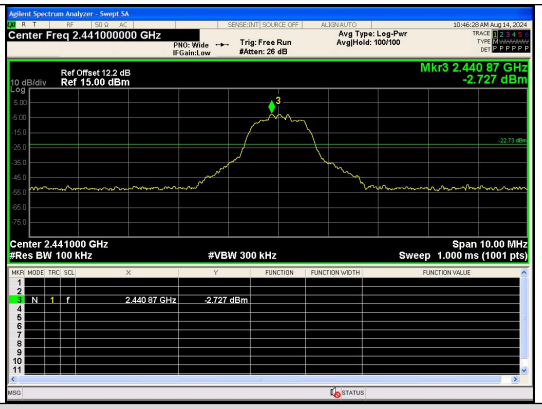
30.0 MHz - 25000.0 MHz
π/4DQPSK_2-DH5_Channel 78



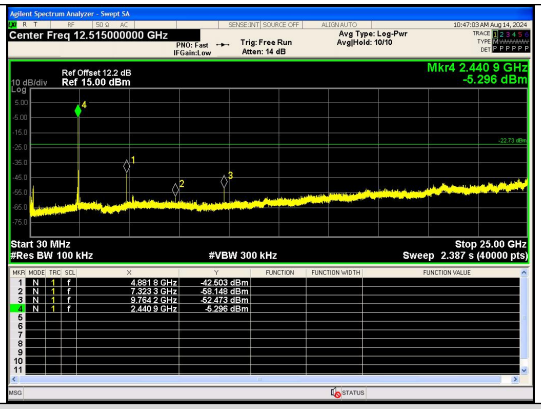
Out Of Band Emission
8DPSK_3-DH5_Channel 0



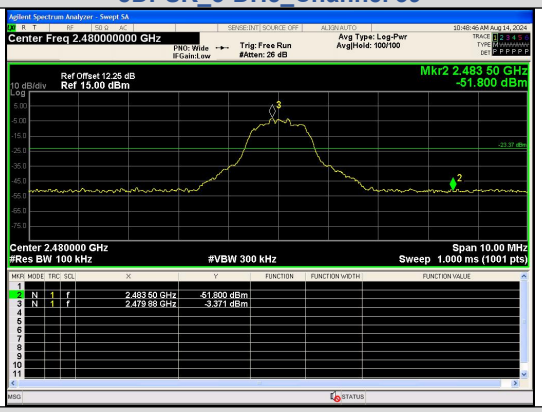
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



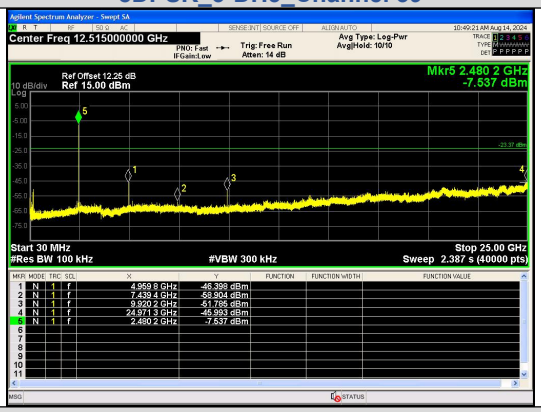
Out Of Band Emission
8DPSK_3-DH5_Channel 39



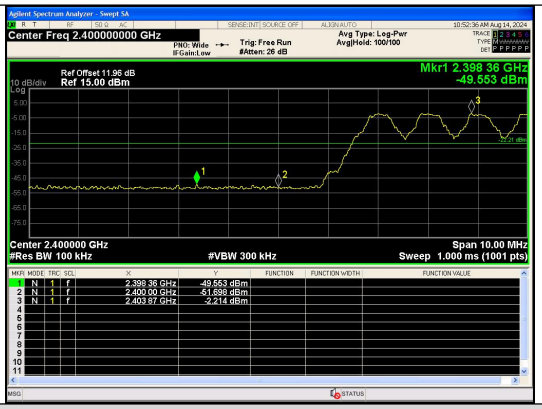
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39



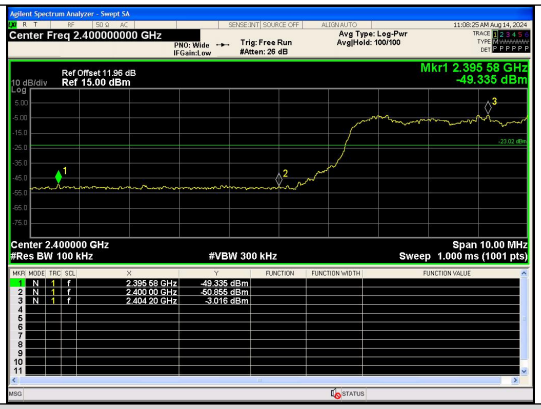
Out Of Band Emission
8DPSK_3-DH5_Channel 78



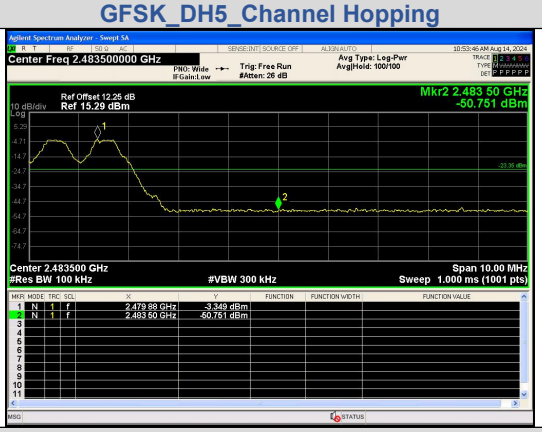
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78



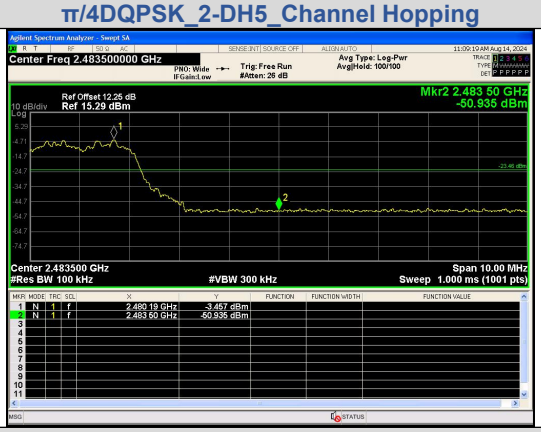
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



Out Of Band Emission(Left)
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