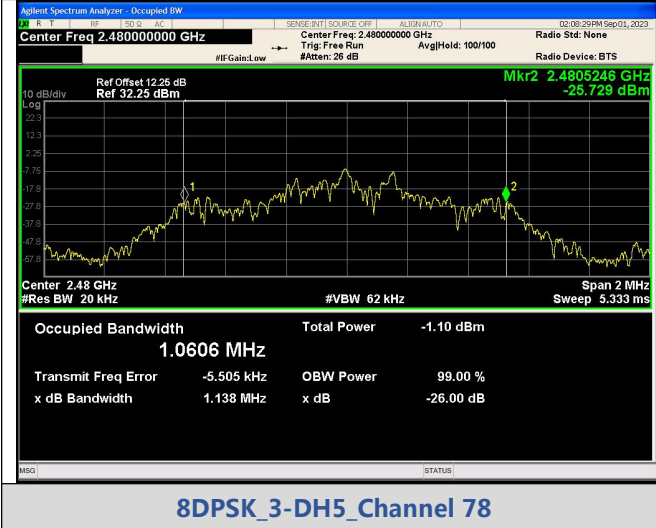
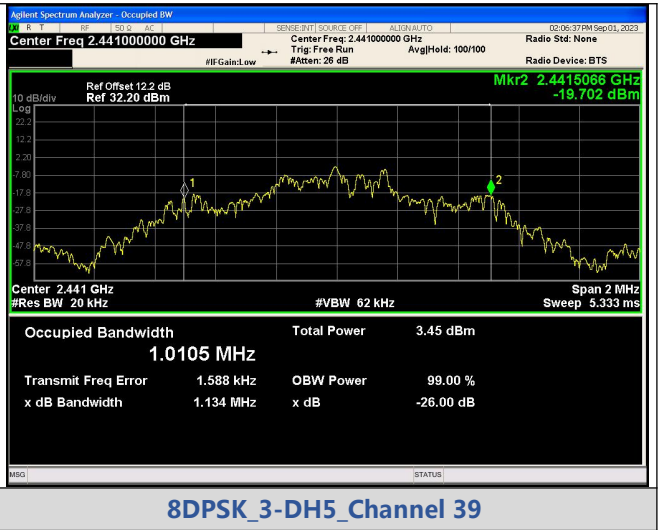
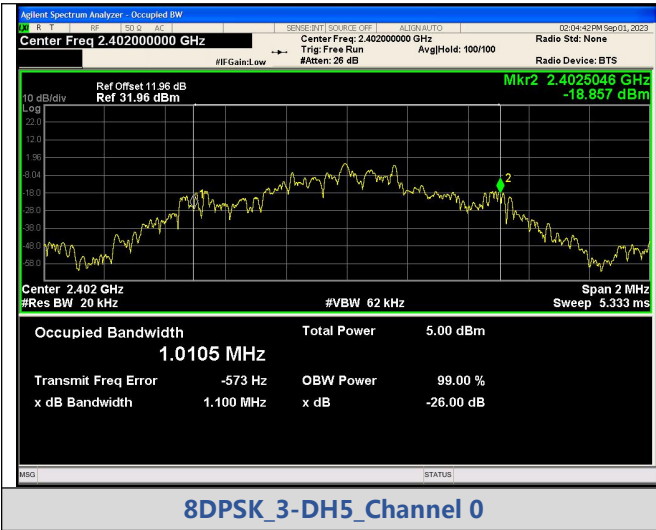
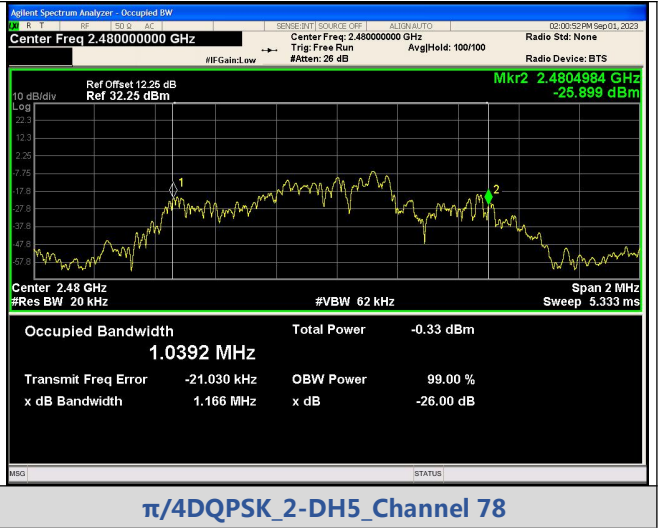
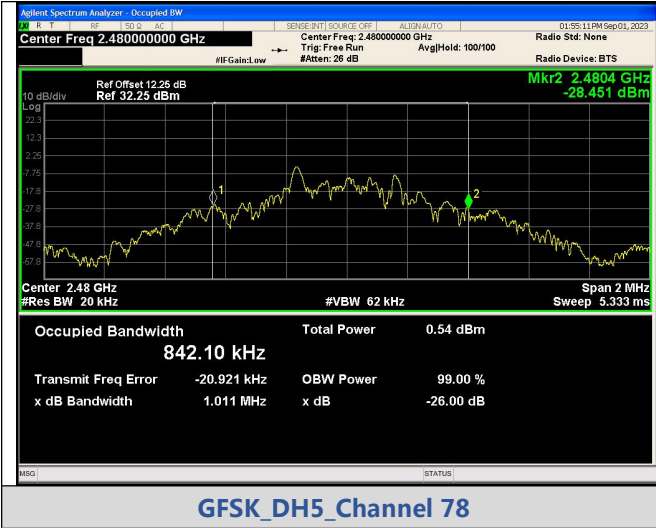




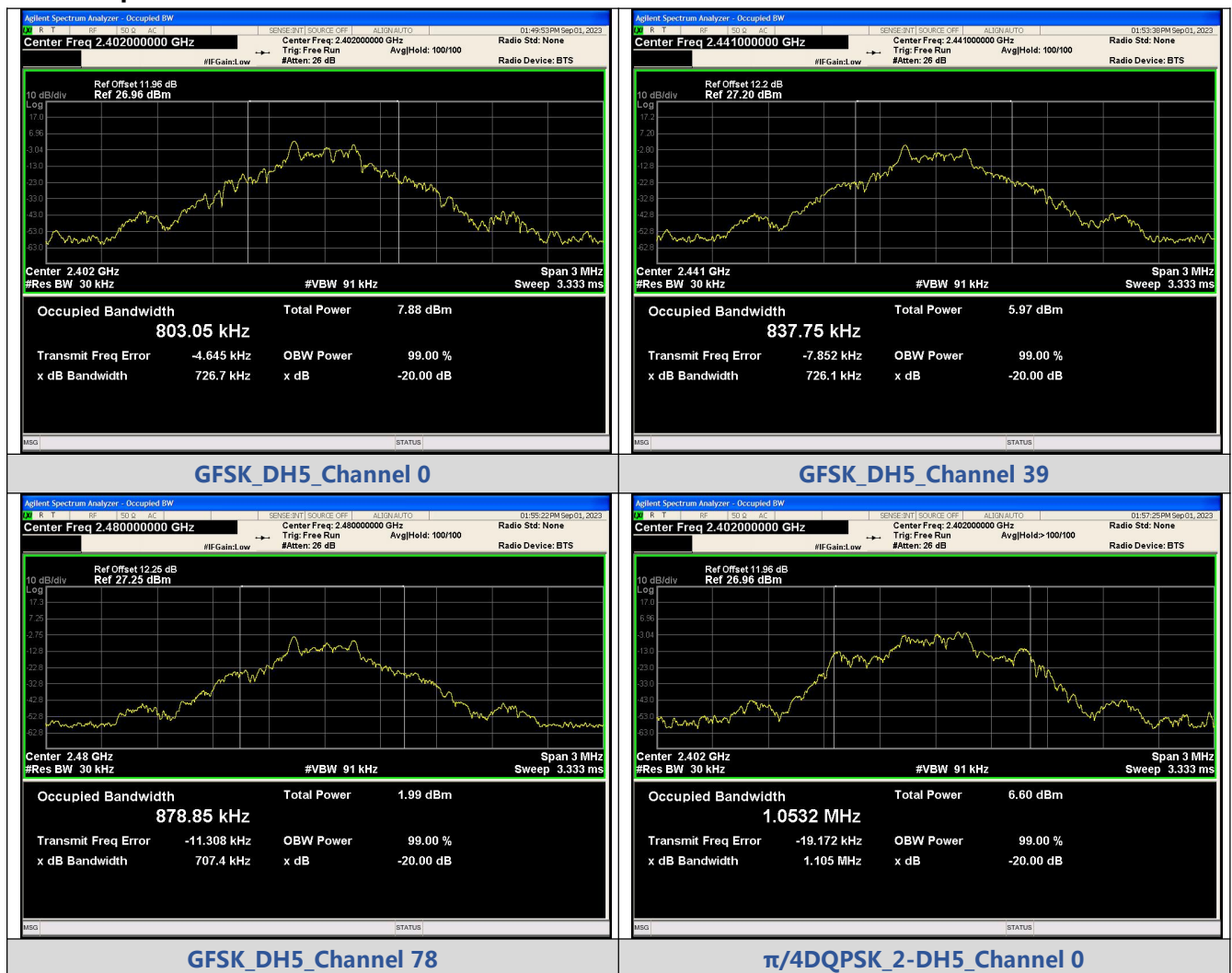
Void

APPENDIX III. 20dB Bandwidth

Test Result

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.7267
	39	2441 MHz	0.7261
	78	2480 MHz	0.7074
$\pi/4$ DQPSK	0	2402 MHz	1.105
	39	2441 MHz	1.110
	78	2480 MHz	1.098
8DPSK	0	2402 MHz	1.127
	39	2441 MHz	1.125
	78	2480 MHz	1.123

Test Graphs





$\pi/4$ DQPSK 2-DH5_Channel 39



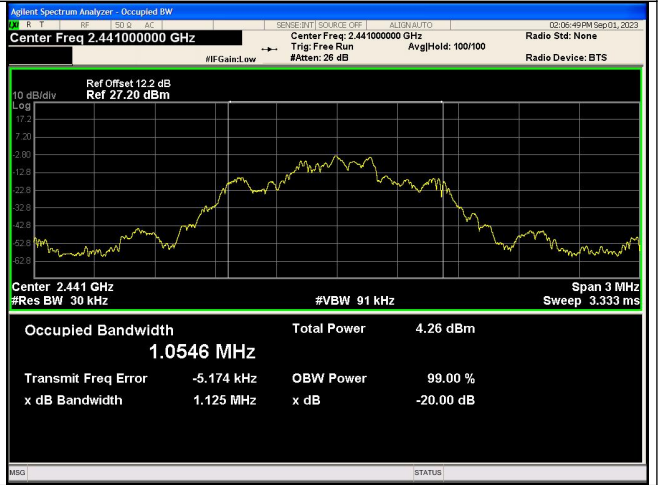
8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 78



$\pi/4$ DQPSK 2-DH5_Channel 78



8DPSK_3-DH5_Channel 39

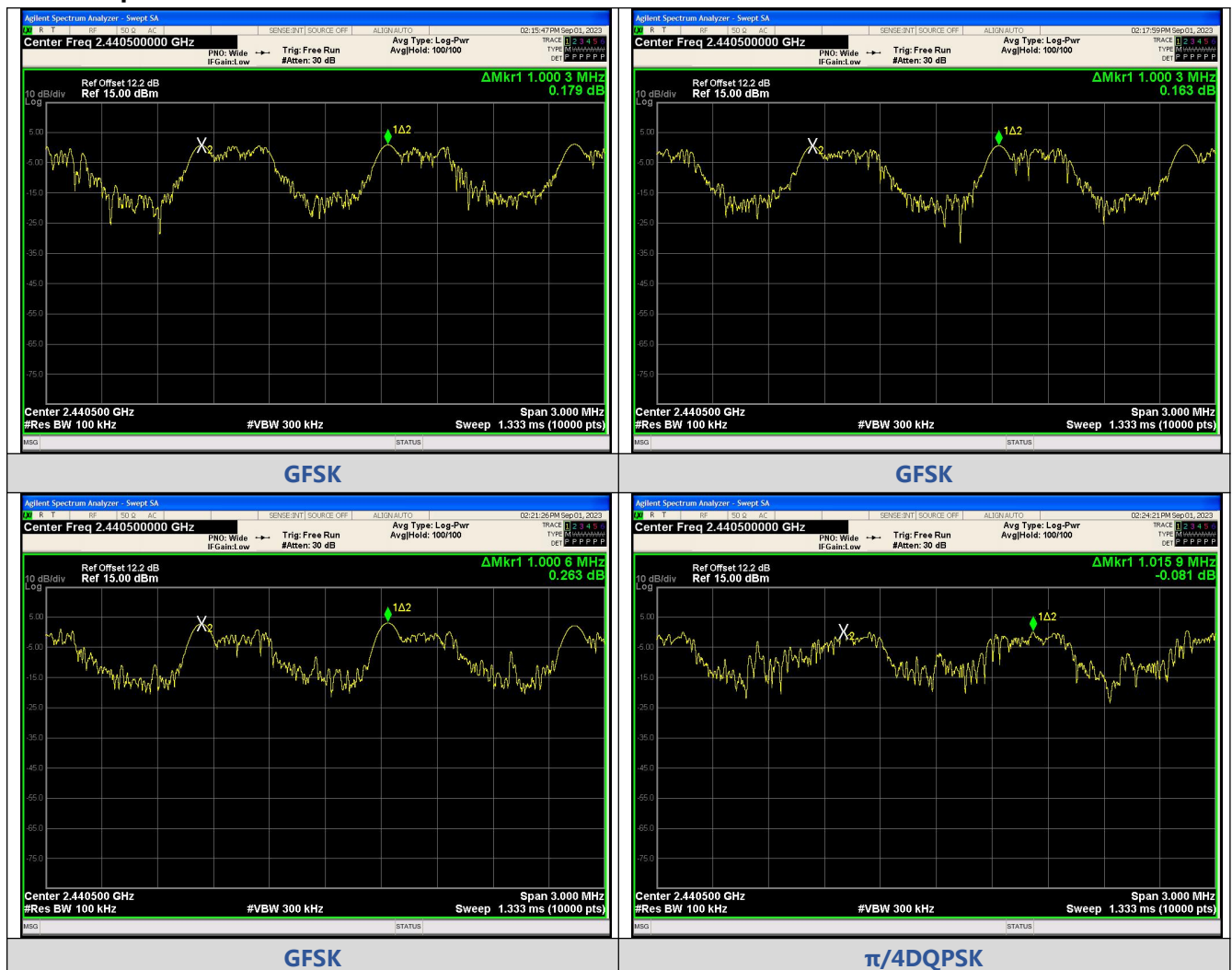
Void

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	2439.835	2440.8353	1.0003	0.484	PASS
GFSK	DH5	2439.8347	2440.835	1.0003	0.484	PASS
GFSK	DH5	2439.835	2440.8356	1.0006	0.472	PASS
$\pi/4$ DQPSK	2-DH5	2440.0024	2441.0183	1.0159	0.737	PASS
$\pi/4$ DQPSK	2-DH5	2440.1542	2441.009	0.8548	0.74	PASS
$\pi/4$ DQPSK	2-DH5	2440.0207	2440.9913	0.9706	0.732	PASS
8DPSK	3-DH5	2440.1611	2441.1542	0.9931	0.751	PASS
8DPSK	3-DH5	2439.8464	2440.832	0.9856	0.75	PASS
8DPSK	3-DH5	2440.0135	2441.1521	1.1386	0.749	PASS

Test Graphs





$\pi/4$ DQPSK



$\pi/4$ DQPSK



8DPSK



8DPSK



8DPSK

Void

APPENDIX V. Conducted Out Of Band Emission

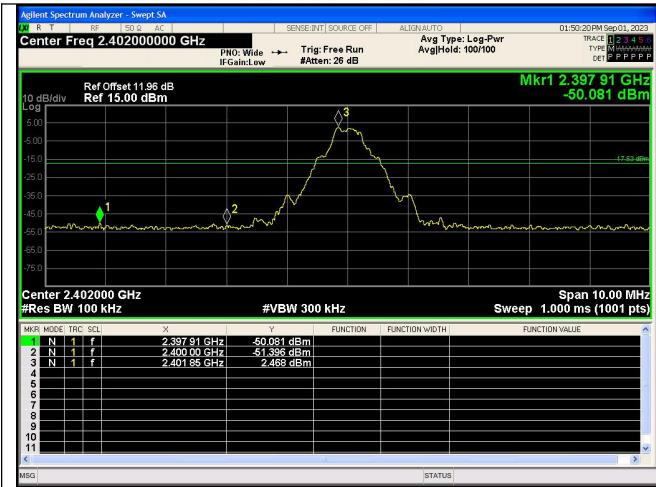
Test Result

Non-Hopping

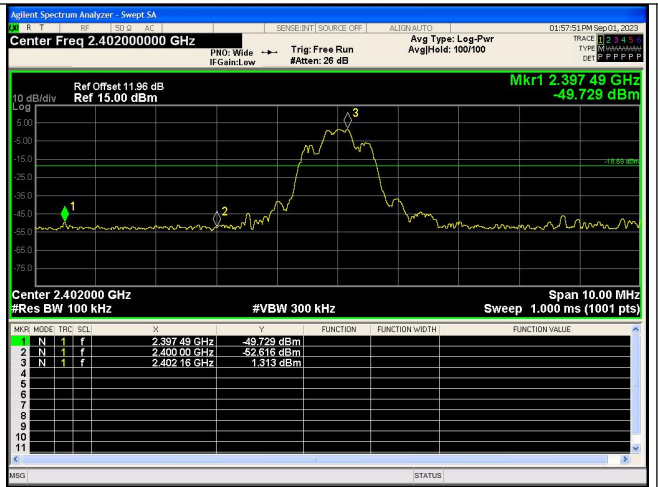
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-51.396	-17.53	-33.866	PASS
			2397.91	-50.081	-17.53	-32.551	PASS
			4803.80	-53.499	-17.53	-35.969	PASS
			7205.90	-62.283	-17.53	-44.753	PASS
			9607.50	-63.898	-17.53	-46.368	PASS
			24889.5	-45.627	-17.53	-28.097	PASS
		39	4881.79	-53.654	-19.7	-33.954	PASS
			7322.05	-62.098	-19.7	-42.398	PASS
			9764.17	-62.110	-19.7	-42.410	PASS
			24940.7	-45.451	-19.7	-25.751	PASS
		78	2483.50	-51.801	-23.77	-28	PASS
			4959.83	-56.347	-23.77	-32.577	PASS
			7440.66	-62.386	-23.77	-38.616	PASS
			9919.62	-61.645	-23.77	-37.875	PASS
			24955.7	-45.054	-23.77	-21.284	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-52.616	-18.69	-33.926	PASS
			2397.49	-49.729	-18.69	-31.039	PASS
			4804.40	-55.984	-18.69	-37.294	PASS
			7205.90	-64.129	-18.69	-45.439	PASS
			9608.10	-63.569	-18.69	-44.879	PASS
			24940.7	-45.301	-18.69	-26.611	PASS
		39	4882.42	-56.010	-20.41	-35.600	PASS
			7323.92	-62.806	-20.41	-42.396	PASS
			9763.55	-62.976	-20.41	-42.566	PASS
			24904.5	-45.604	-20.41	-25.194	PASS
		78	2483.50	-51.902	-24.14	-28	PASS
			4960.45	-56.635	-24.14	-32.495	PASS
			7439.41	-62.247	-24.14	-38.107	PASS
			9920.24	-63.734	-24.14	-39.594	PASS
			24965.7	-45.263	-24.14	-21.123	PASS
8DPSK	3-DH5	0	2400.00	-53.280	-18.68	-34.600	PASS
			2397.17	-50.557	-18.68	-31.877	PASS
			4803.80	-57.362	-18.68	-38.682	PASS
			7205.30	-63.353	-18.68	-44.673	PASS
			9607.50	-64.779	-18.68	-46.099	PASS

			24916.3	-45.947	-18.68	-27.267	PASS
		39	4881.79	-56.798	-20.89	-35.908	PASS
			7323.30	-62.230	-20.89	-41.340	PASS
			9764.80	-63.220	-20.89	-42.330	PASS
			24985.6	-45.696	-20.89	-24.806	PASS
		78	2483.50	-51.847	-24.15	-28	PASS
			4959.83	-57.727	-24.15	-33.577	PASS
			7440.66	-63.528	-24.15	-39.378	PASS
			9920.24	-64.019	-24.15	-39.869	PASS
			24944.4	-46.076	-24.15	-21.926	PASS

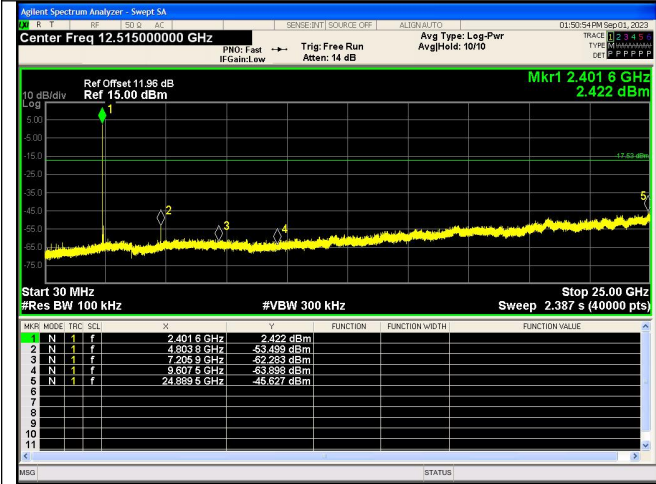
Test Graphs



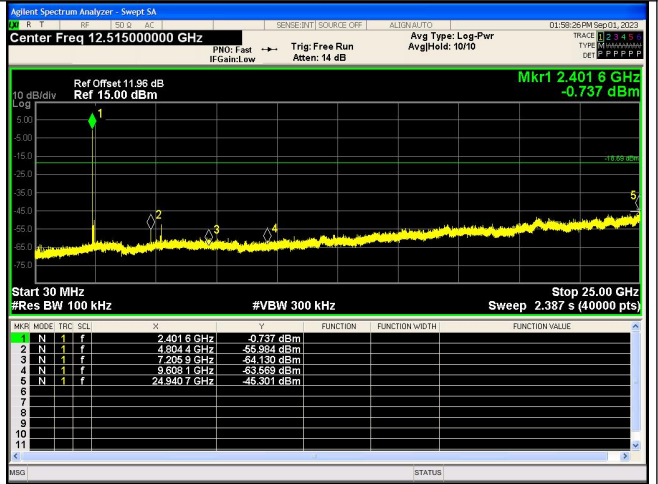
Out Of Band Emission
GFSK_DH5_Channel 0



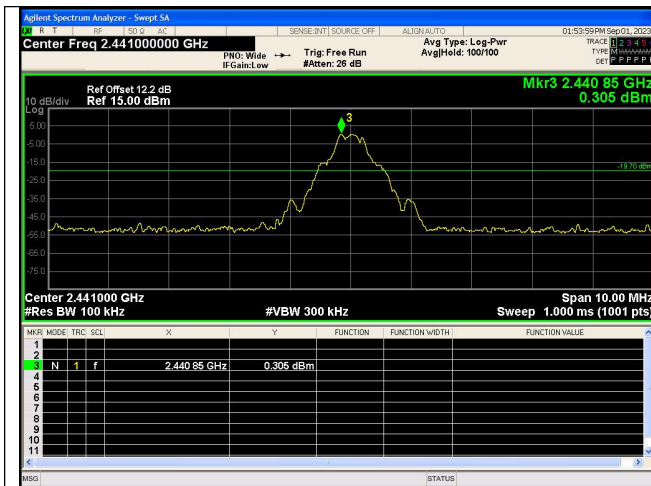
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0



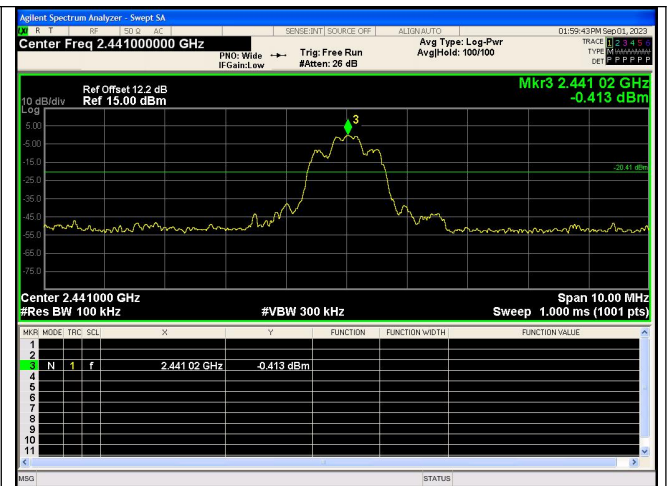
Spurious Emission
GFSK_DH5_Channel 0



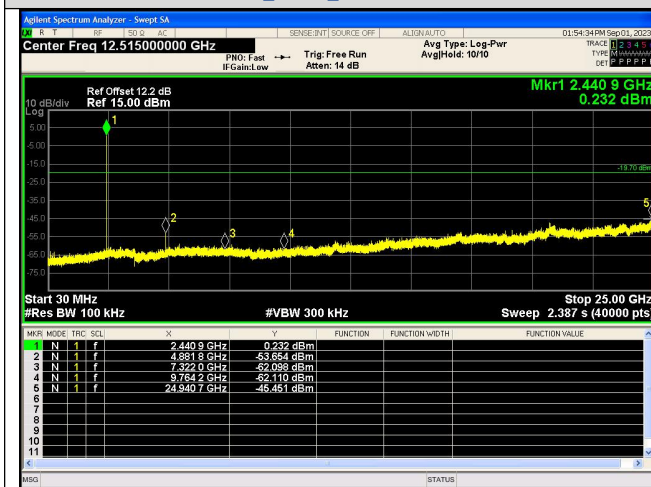
Spurious Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0



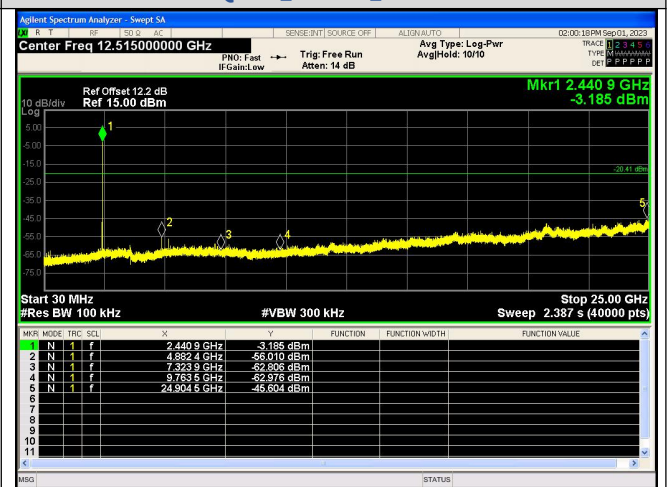
Out Of Band Emission
GFSK_DH5_Channel 39



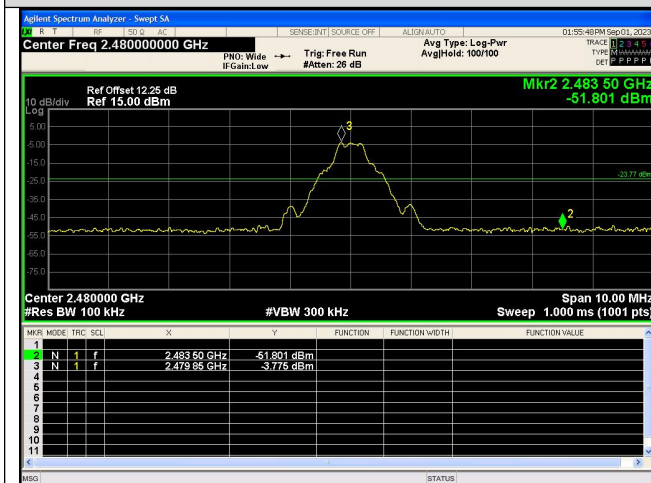
Out Of Band Emission
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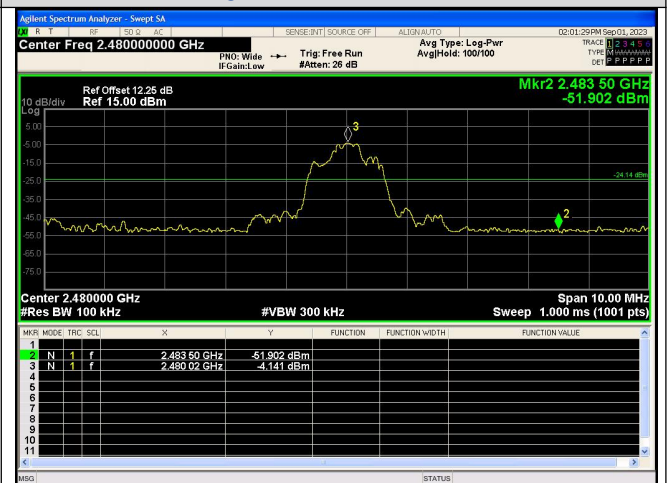
Spurious Emissions
GFSK_DH5_Channel 39



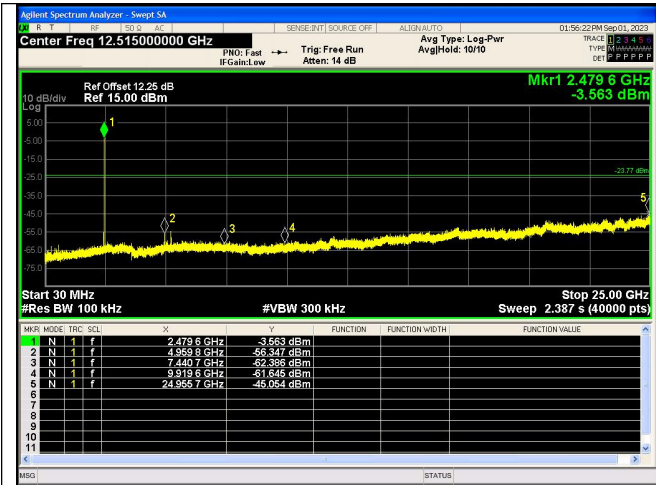
Spurious Emissions
 $\pi/4$ DQPSK_2-DH5_Channel 39



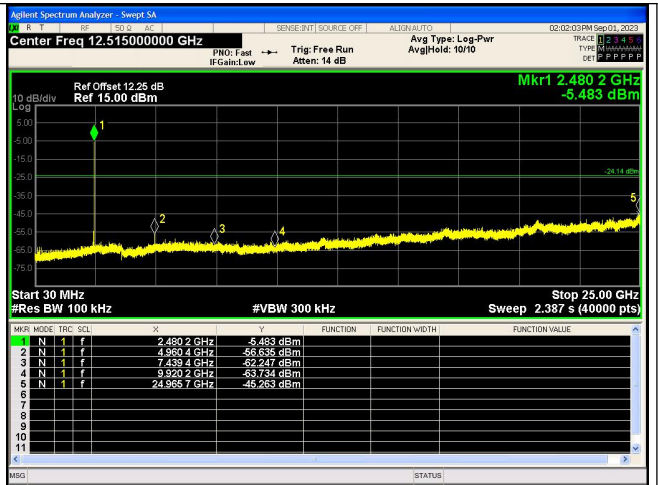
Out Of Band Emission
GFSK_DH5_Channel 78



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



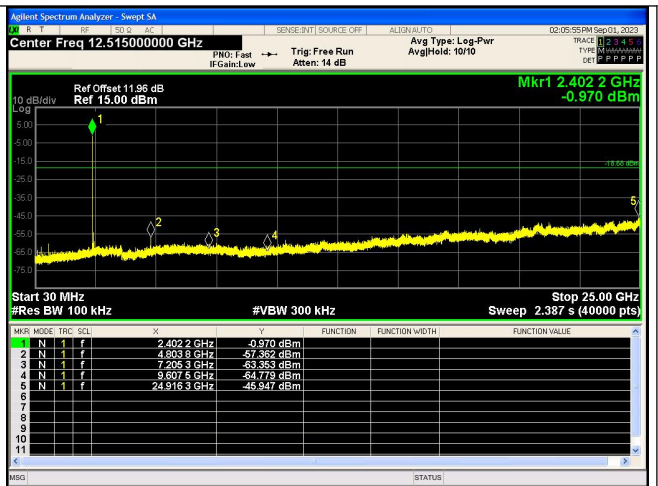
Spurious Emission
GFSK_DH5_Channel 78



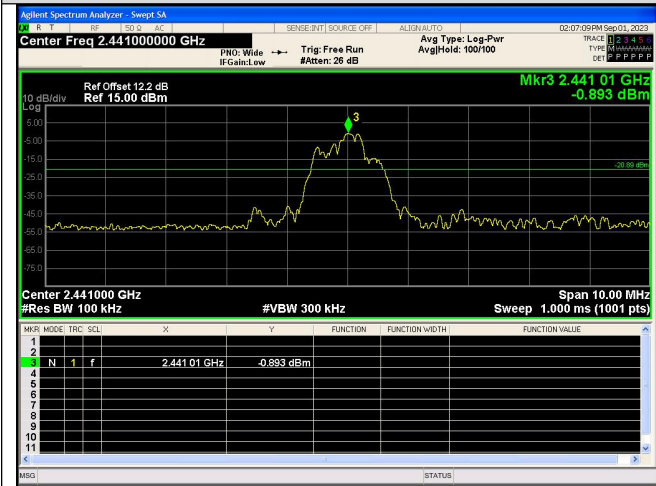
Spurious Emission
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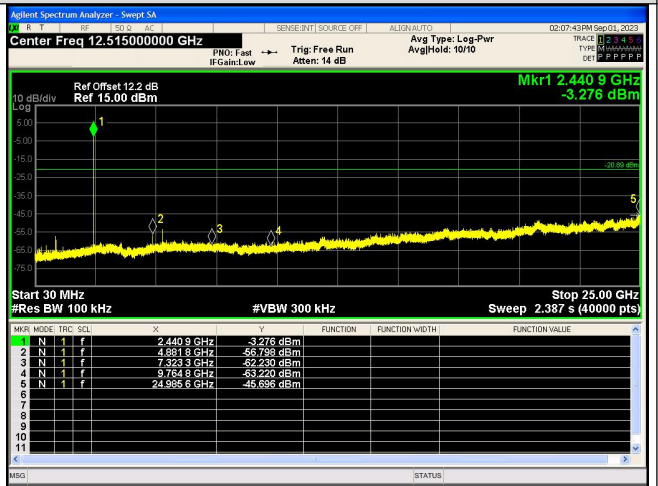
Out Of Band Emission
8DPSK_3-DH5_Channel 0



Spurious Emission
8DPSK_3-DH5_Channel 0



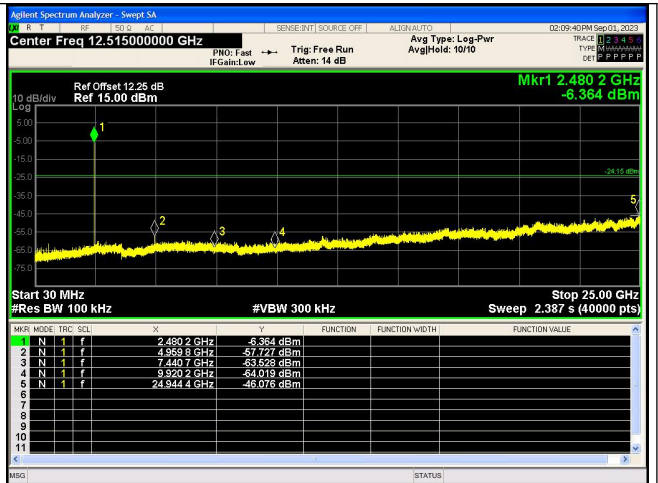
Out Of Band Emission
8DPSK_3-DH5_Channel 39



Spurious Emissions
8DPSK_3-DH5_Channel 39



Out Of Band Emission
8DPSK_3-DH5_Channel 78



Spurious Emission
8DPSK_3-DH5_Channel 78