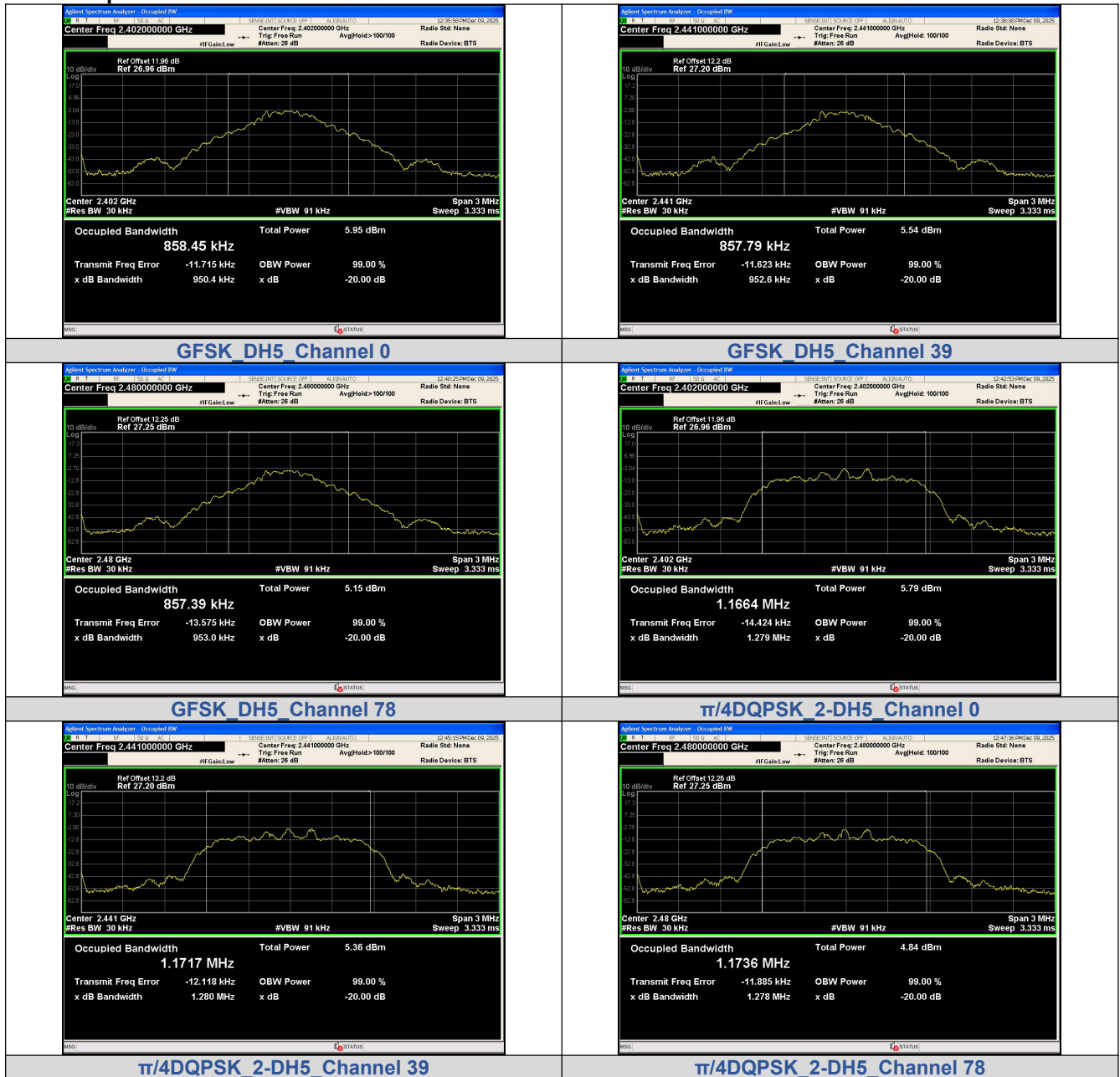


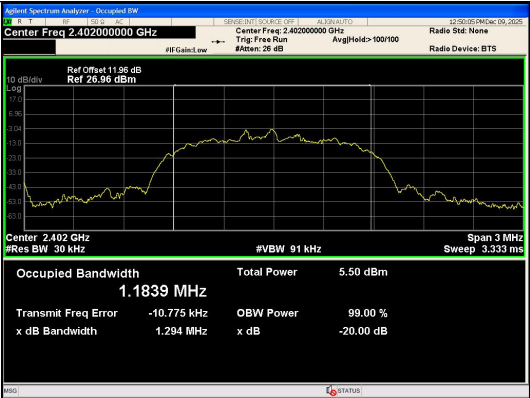
APPENDIX III. 20dB Bandwidth

Test Result

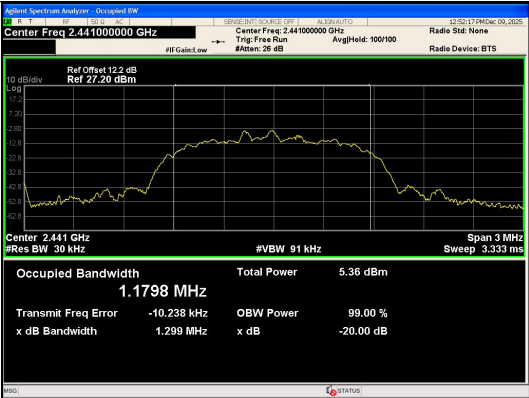
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9504
	39	2441 MHz	0.9526
	78	2480 MHz	0.9530
$\pi/4$ DQPSK	0	2402 MHz	1.279
	39	2441 MHz	1.280
	78	2480 MHz	1.278
8DPSK	0	2402 MHz	1.294
	39	2441 MHz	1.299
	78	2480 MHz	1.297

Test Graphs

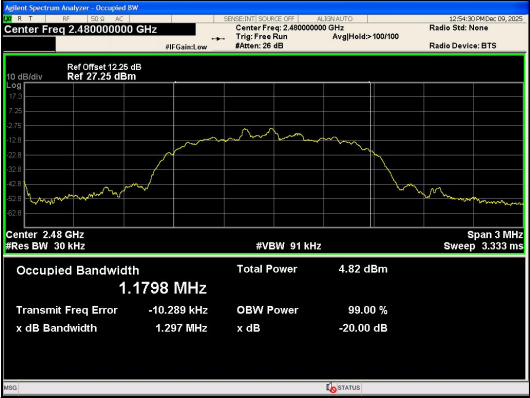




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



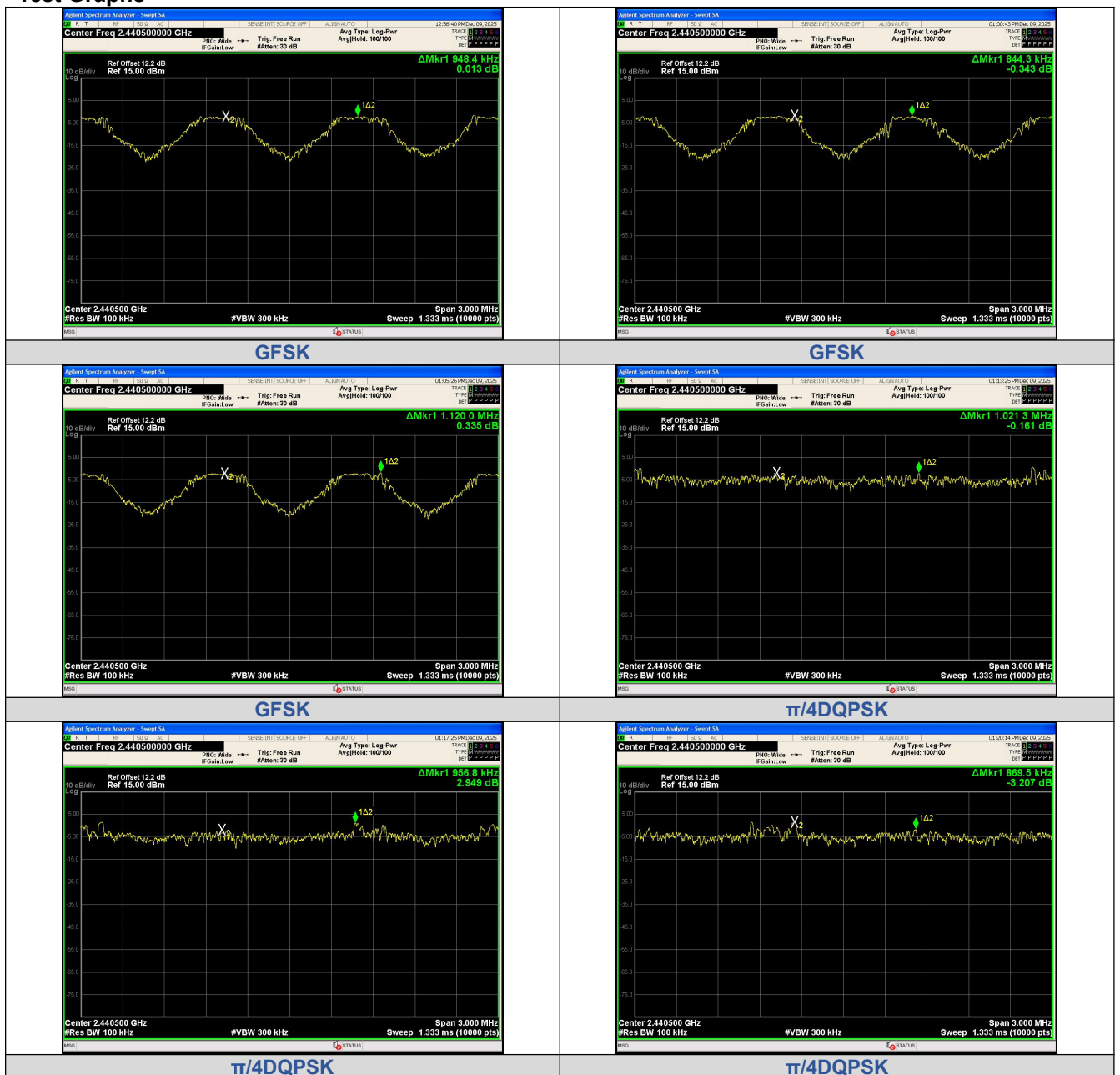
8DPSK 3-DH5 Channel 78

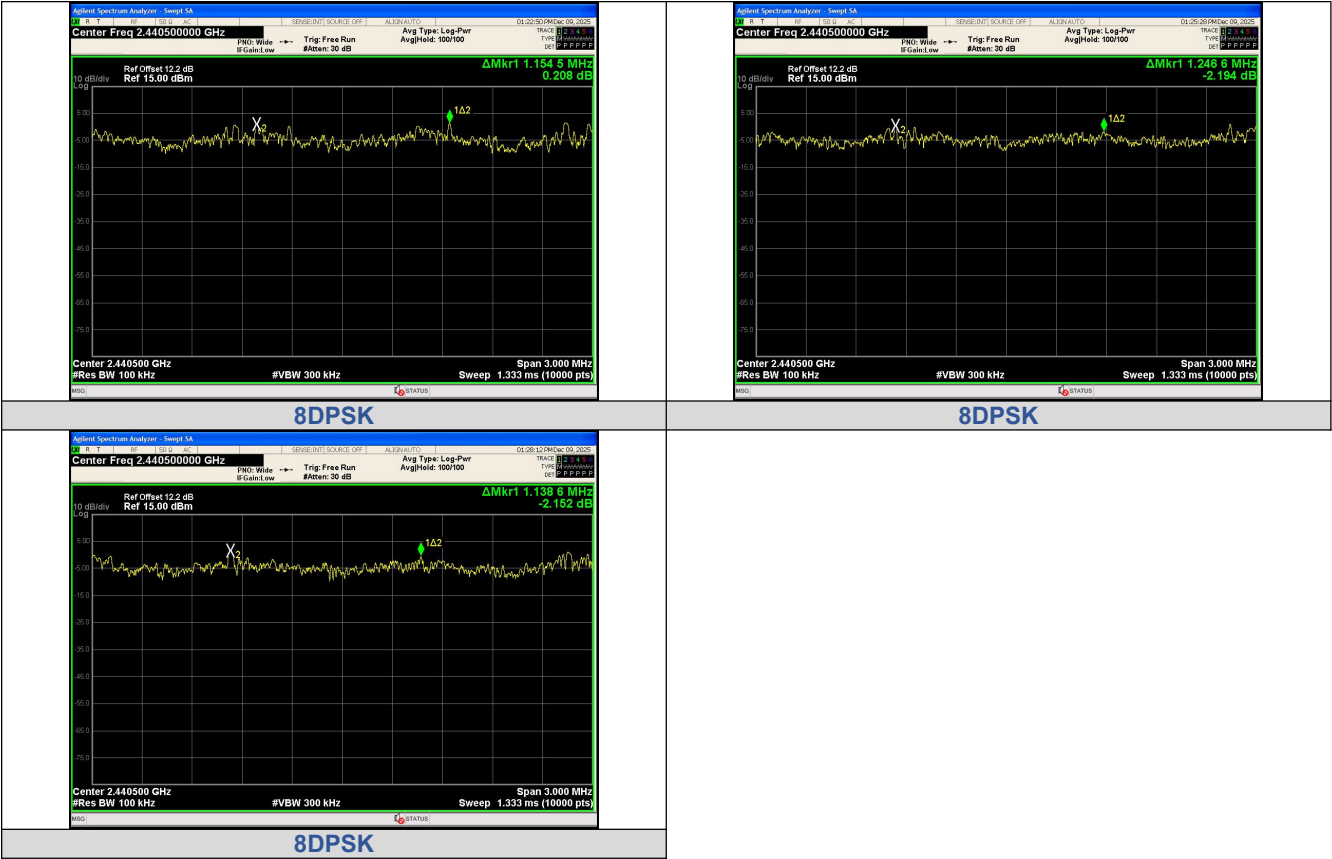
APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.0405	2440.9889	0.9484	0.635	PASS
GFSK	DH5	2440.1485	2440.9928	0.8443	0.635	PASS
GFSK	DH5	2440.0333	2441.1533	1.1200	0.635	PASS
$\pi/4$ DQPSK	2-DH5	2440.0192	2441.0405	1.0213	0.853	PASS
$\pi/4$ DQPSK	2-DH5	2440.0141	2440.9709	0.9568	0.853	PASS
$\pi/4$ DQPSK	2-DH5	2440.1497	2441.0192	0.8695	0.853	PASS
8DPSK	3-DH5	2439.9871	2441.1416	1.1545	0.866	PASS
8DPSK	3-DH5	2439.8362	2441.0828	1.2466	0.866	PASS
8DPSK	3-DH5	2439.8314	2440.97	1.1386	0.866	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	2399.00	-42.707	-21.11	-21.597	PASS
			2400.00	-50.616	-21.11	-29.506	PASS
			4804.30	-52.492	-21.11	-31.382	PASS
			7206.40	-62.982	-21.11	-41.872	PASS
			9608.50	-62.937	-21.11	-41.827	PASS
		39	24929.5	-45.468	-21.11	-24.358	PASS
			4882.30	-50.245	-21.5	-28.745	PASS
			7323.74	-62.941	-21.5	-41.441	PASS
			9763.93	-62.047	-21.5	-40.547	PASS
			24996.2	-45.814	-21.5	-24.314	PASS
		78	2483.50	-47.295	-21.97	-25.325	PASS
			4960.33	-50.441	-21.97	-28.471	PASS
			7439.85	-61.029	-21.97	-39.059	PASS
			9919.37	-62.960	-21.97	-40.990	PASS
			24966.9	-45.827	-21.97	-23.857	PASS
$\pi/4$ DQPSK	2-DH5	0	2399.00	-43.681	-21.16	-22.521	PASS
			2400.00	-49.603	-21.16	-28.443	PASS
			4804.30	-55.579	-21.16	-34.419	PASS
			7205.80	-62.888	-21.16	-41.728	PASS
			9608.50	-64.656	-21.16	-43.496	PASS
		39	24960.7	-46.437	-21.16	-25.277	PASS
			4882.30	-54.423	-21.57	-32.853	PASS
			7322.49	-62.789	-21.57	-41.219	PASS
			9764.55	-61.465	-21.57	-39.895	PASS
			24956.3	-46.192	-21.57	-24.622	PASS
		78	2483.50	-49.554	-22.03	-27.524	PASS
			4959.70	-49.862	-22.03	-27.832	PASS
			7439.22	-61.943	-22.03	-39.913	PASS
			9919.37	-64.295	-22.03	-42.265	PASS
			24950.7	-45.958	-22.03	-23.928	PASS
8DPSK	3-DH5	0	2399.00	-44.526	-21.21	-23.316	PASS
			2400.00	-49.671	-21.21	-28.461	PASS
			4804.30	-53.858	-21.21	-32.648	PASS
			7205.10	-62.297	-21.21	-41.087	PASS
			9607.90	-62.617	-21.21	-41.407	PASS
		39	24964.4	-46.026	-21.21	-24.816	PASS
			4881.67	-51.151	-21.55	-29.601	PASS
			7323.74	-62.941	-21.55	-41.391	PASS
			9764.55	-62.292	-21.55	-40.742	PASS
			24936.3	-46.639	-21.55	-25.089	PASS
		78	2483.50	-49.392	-22.08	-27.312	PASS
			4960.33	-49.200	-22.08	-27.120	PASS
			7440.47	-61.986	-22.08	-39.906	PASS
			9920.62	-64.241	-22.08	-42.161	PASS
			24980.7	-44.682	-22.08	-22.602	PASS

Note: input compensation coefficient (dB)= Cable Loss (dB)

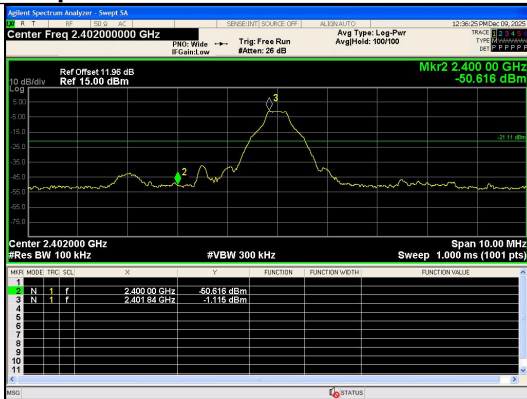
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2400.00	-44.319	-21.42	-22.899	PASS
			2483.50	-49.456	-22.33	-27.126	PASS
			2400.00	-43.828	-21.43	-22.398	PASS
			2483.50	-50.088	-22.23	-27.858	PASS
			2398.94	-44.123	-21.54	-22.583	PASS
			2400.00	-44.419	-21.54	-22.879	PASS
$\pi/4$ DQPSK	2-DH5	Hopping	2483.50	-47.778	-22.0	-25.778	PASS
			2400.00	-40.626	-18.2	-22.426	PASS

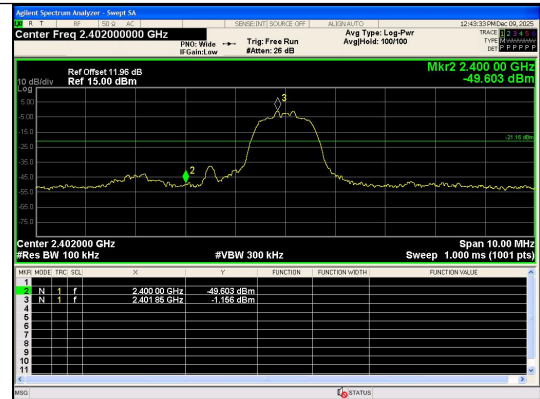
8DPSK	3-DH5		2483.50	-48.846	-19.14	-29.706	PASS
			2398.75	-44.887	-18.43	-26.457	PASS
			2400.00	-46.079	-18.43	-27.649	PASS
			2483.50	-49.067	-18.96	-30.107	PASS
			2400.00	-42.691	-18.44	-24.251	PASS
			2483.50	-50.687	-20.25	-30.437	PASS
			2400.00	-43.430	-18.44	-24.990	PASS
			2483.50	-49.402	-20.54	-28.862	PASS
			2398.99	-41.880	-18.67	-23.210	PASS
			2400.00	-46.131	-18.67	-27.461	PASS
			2483.50	-50.831	-20.06	-30.771	PASS
			2400.00	-41.853	-18.68	-23.173	PASS
			2483.50	-44.717	-19.07	-25.647	PASS
			2400.00	-44.319	-21.42	-22.899	PASS
			2483.50	-49.456	-22.33	-27.126	PASS

Note: input compensation coefficient (dB)= Cable Loss (dB)

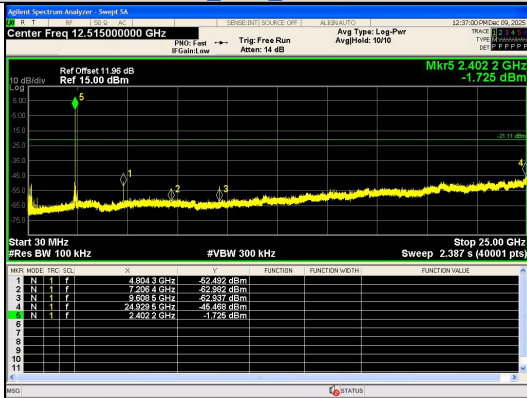
Test Graphs



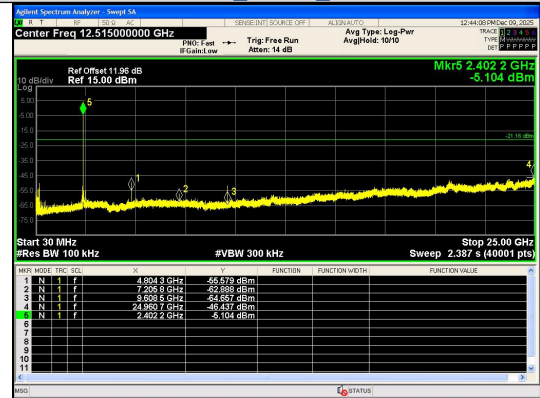
Out Of Band Emission
GFSK_DH5_Channel 0



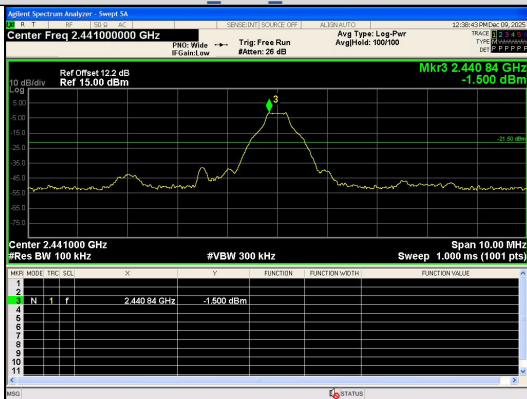
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0



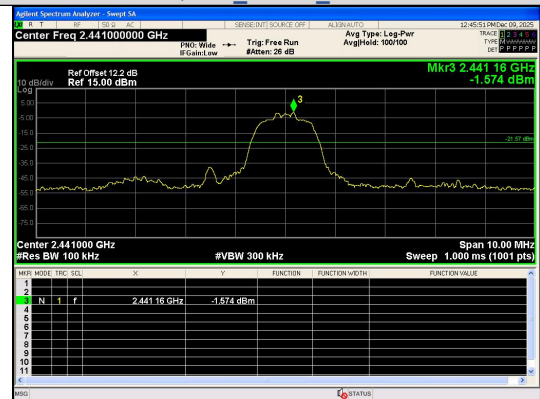
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 0



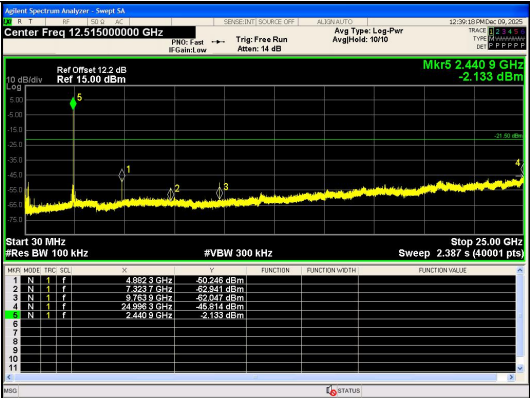
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 0



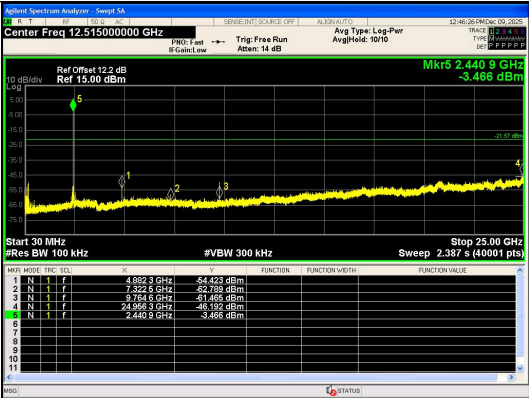
Out Of Band Emission
GFSK_DH5_Channel 39



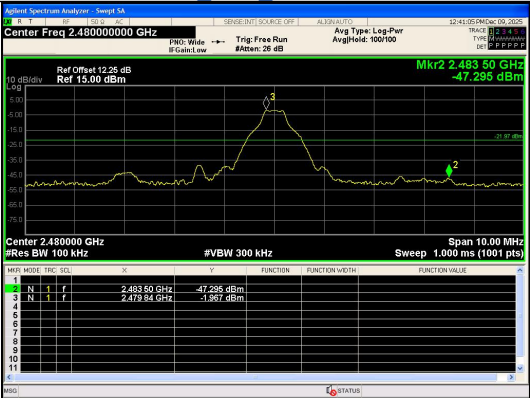
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39



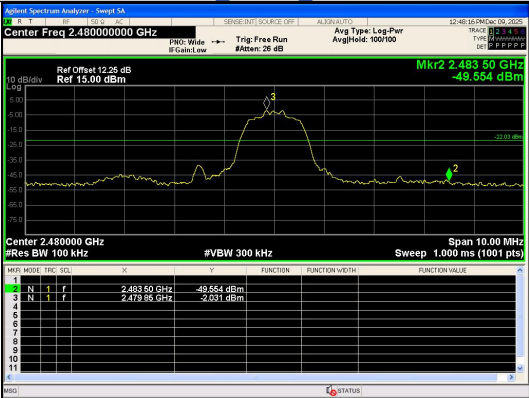
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 39



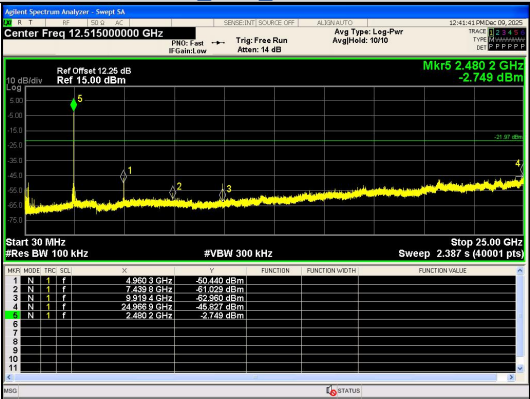
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 39



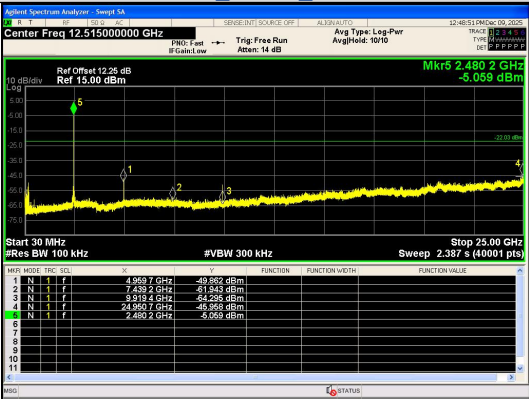
Out Of Band Emission
GFSK DH5 Channel 78



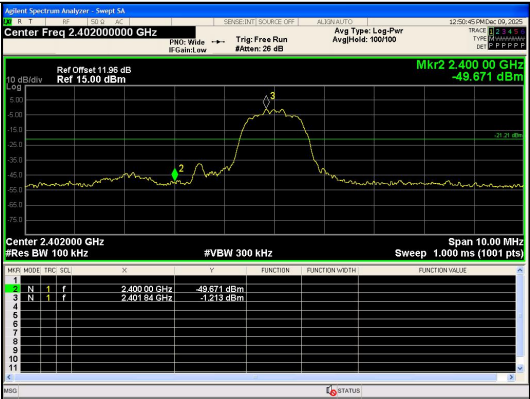
Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 78



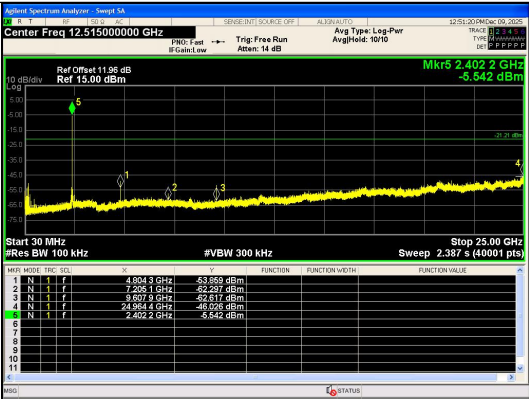
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 78



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