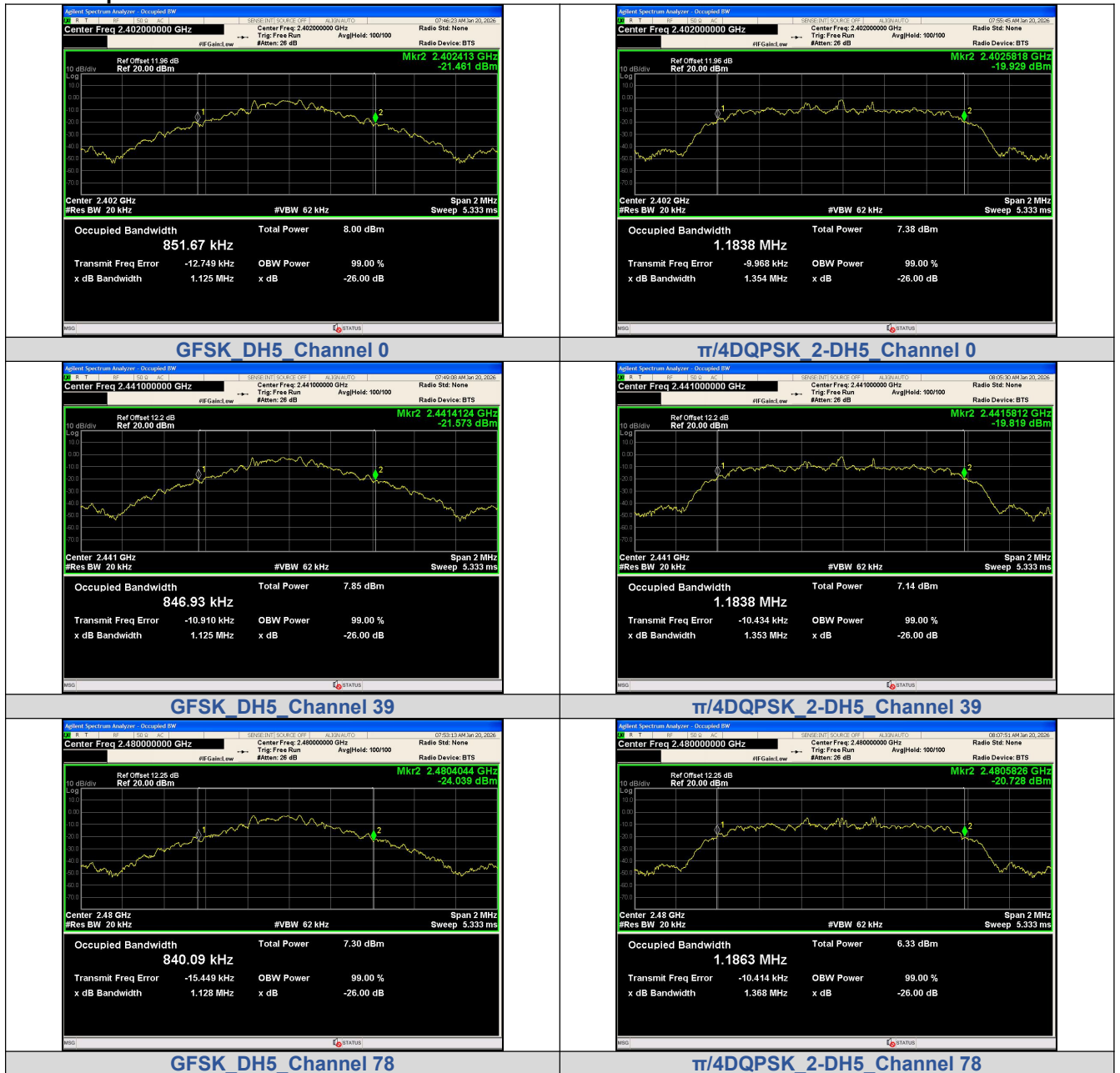
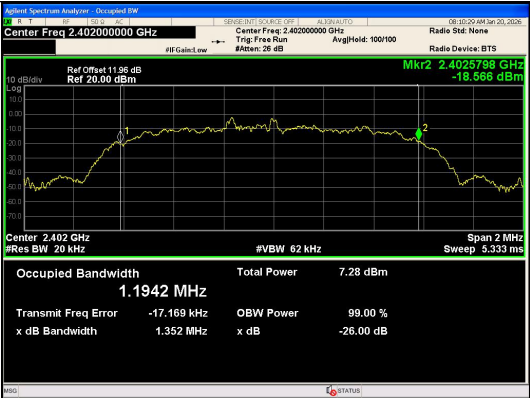


APPENDIX II. 99% Bandwidth Test Result

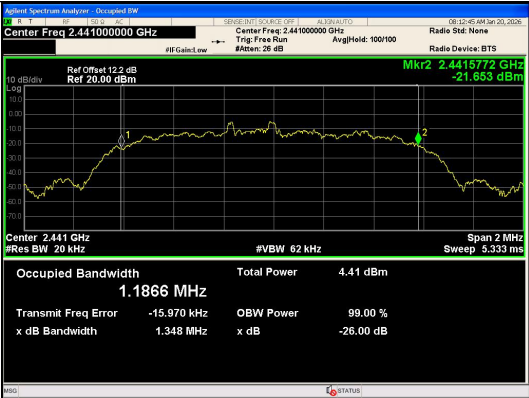
Modulation	Channel	Center Frequency (MHz)	99% BW (MHz)
GFSK	0	2402	0.85167
	39	2441	0.84693
	78	2480	0.84009
$\pi/4$ DQPSK	0	2402	1.1838
	39	2441	1.1838
	78	2480	1.1863
8DPSK	0	2402	1.1942
	39	2441	1.1866
	78	2480	1.1859

Test Graphs

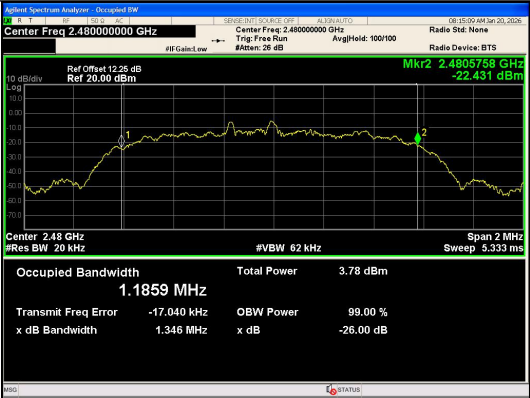




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



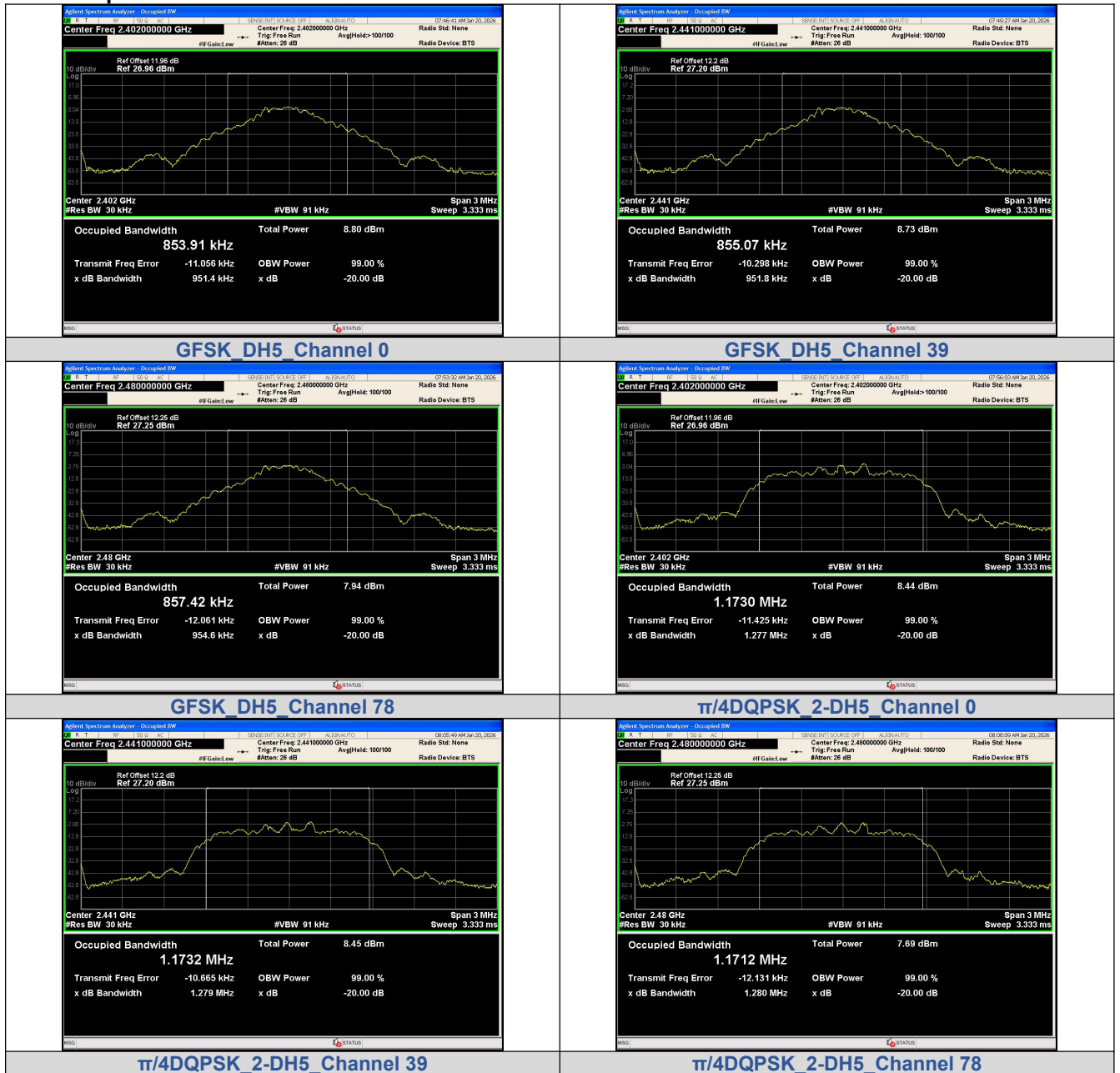
8DPSK 3-DH5 Channel 78

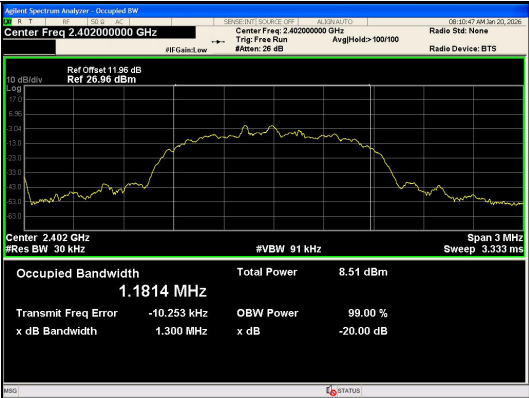
APPENDIX III. 20dB Bandwidth

Test Result

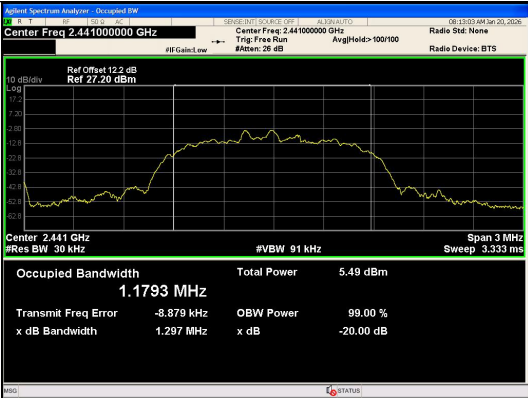
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9514
	39	2441 MHz	0.9518
	78	2480 MHz	0.9546
$\pi/4$ DQPSK	0	2402 MHz	1.277
	39	2441 MHz	1.279
	78	2480 MHz	1.280
8DPSK	0	2402 MHz	1.300
	39	2441 MHz	1.297
	78	2480 MHz	1.298

Test Graphs

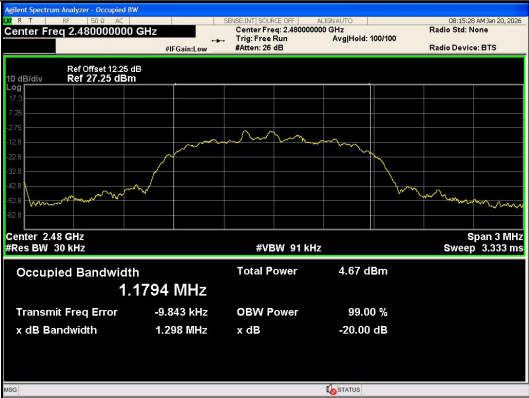




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



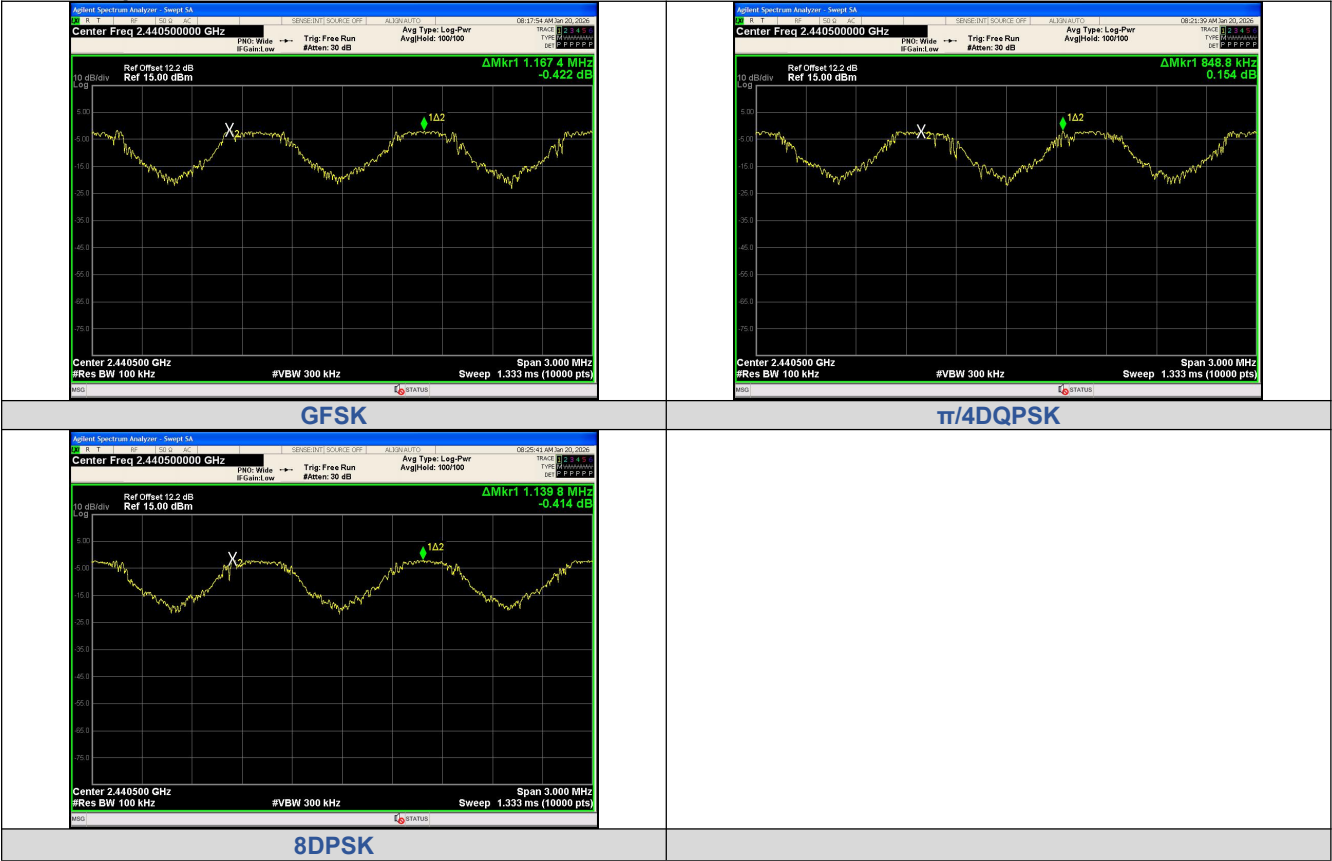
8DPSK 3-DH5 Channel 78

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	2439.8227	2440.9901	1.1674	0.636	PASS
$\pi/4$ DQPSK	2DH5	2439.9898	2440.8386	0.8488	0.636	PASS
8DPSK	3DH5	2439.8437	2440.9835	1.1398	0.636	PASS

Test Graphs



APPENDIX V. Conducted Spurious & Band Edge 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	2398.93	-42.382	-18.27	-24.112	PASS
			2400.00	-48.143	-18.27	-29.873	PASS
			4804.30	-52.703	-18.27	-34.433	PASS
			7206.40	-60.180	-18.27	-41.910	PASS
			9607.90	-62.306	-18.27	-44.036	PASS
			24564.9	-46.395	-18.27	-28.125	PASS
		39	4882.30	-47.753	-18.43	-29.323	PASS
			7323.74	-61.298	-18.43	-42.868	PASS
			9763.93	-63.634	-18.43	-45.204	PASS
			24932.6	-45.825	-18.43	-27.395	PASS
		78	2483.50	-44.945	-19.18	-25.765	PASS
			4959.70	-49.135	-19.18	-29.955	PASS
			7440.47	-63.953	-19.18	-44.773	PASS
			9920.62	-62.501	-19.18	-43.321	PASS
			24964.4	-45.474	-19.18	-26.294	PASS
$\pi/4$ DQPSK	2-DH5	0	2398.95	-43.302	-18.34	-24.962	PASS
			2400.00	-48.284	-18.34	-29.944	PASS
			4803.60	-55.026	-18.34	-36.686	PASS
			7206.40	-61.195	-18.34	-42.855	PASS
			9607.90	-63.542	-18.34	-45.202	PASS
			24941.9	-45.708	-18.34	-27.368	PASS
		39	4881.67	-52.307	-18.52	-33.787	PASS
			7323.11	-62.229	-18.52	-43.709	PASS
			9764.55	-64.372	-18.52	-45.852	PASS
			24938.8	-45.996	-18.52	-27.476	PASS
		78	2483.50	-44.752	-19.21	-25.542	PASS
			4959.70	-52.700	-19.21	-33.490	PASS
			7439.22	-62.946	-19.21	-43.736	PASS
			9919.99	-64.639	-19.21	-45.429	PASS
			24988.8	-45.279	-19.21	-26.069	PASS
8DPSK	3-DH5	0	2398.83	-43.529	-18.3	-25.229	PASS
			2400.00	-49.393	-18.3	-31.093	PASS
			4804.30	-53.405	-18.3	-35.105	PASS
			7206.40	-63.018	-18.3	-44.718	PASS
			9608.50	-62.665	-18.3	-44.365	PASS
			24927.0	-46.292	-18.3	-27.992	PASS
		39	4882.30	-52.560	-21.4	-31.160	PASS
			7323.74	-62.502	-21.4	-41.102	PASS
			9763.31	-63.936	-21.4	-42.536	PASS
			24922.0	-45.743	-21.4	-24.343	PASS
		78	2483.50	-51.013	-22.15	-28.863	PASS
			4960.33	-53.122	-22.15	-30.972	PASS
			7439.85	-62.843	-22.15	-40.693	PASS
			9920.62	-62.571	-22.15	-40.421	PASS
			24981.9	-45.725	-22.15	-23.575	PASS

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

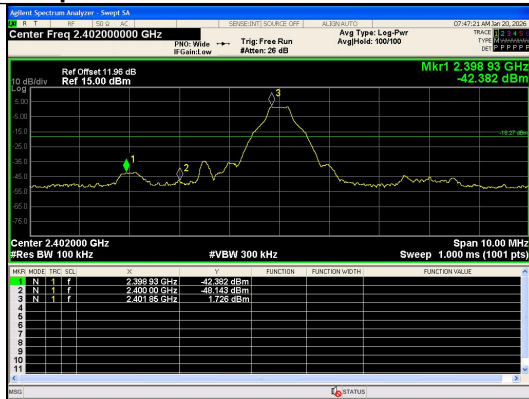
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.98	-46.742	-21.34	-25.402	PASS
			2400.00	-47.430	-21.34	-26.090	PASS
			2483.50	-48.790	-22.41	-26.380	PASS
			2400.00	-46.086	-21.35	-24.736	PASS
			2483.50	-46.762	-22.29	-24.472	PASS
			2398.98	-45.784	-21.3	-24.484	PASS
			2400.00	-46.340	-21.3	-25.040	PASS
			2483.50	-49.513	-22.23	-27.283	PASS

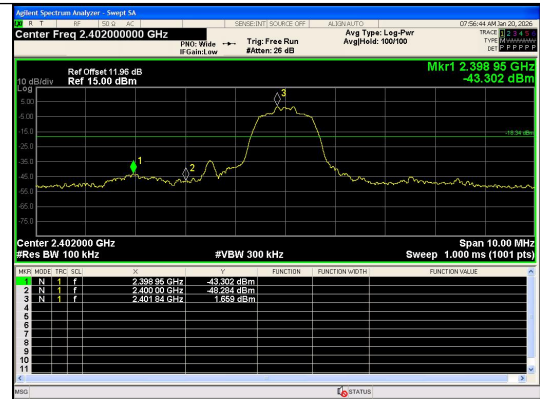
$\pi/4$ DQPSK	2-DH5		2396.85	-47.213	-21.37	-25.843	PASS
			2400.00	-50.035	-21.37	-28.665	PASS
			2483.50	-51.802	-22.24	-29.562	PASS
			2398.83	-46.924	-21.54	-25.384	PASS
			2400.00	-50.508	-21.54	-28.968	PASS
			2483.50	-49.755	-22.16	-27.595	PASS
			2400.00	-45.766	-22.06	-23.706	PASS
8DPSK	3-DH5		2483.50	-50.617	-23.82	-26.797	PASS
			2400.00	-46.802	-21.66	-25.142	PASS
			2483.50	-50.870	-23.75	-27.120	PASS
			2400.00	-47.847	-21.51	-26.337	PASS
			2483.50	-50.131	-22.16	-27.971	PASS
			2400.00	-47.935	-21.61	-26.325	PASS
			2483.50	-50.734	-23.45	-27.284	PASS

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

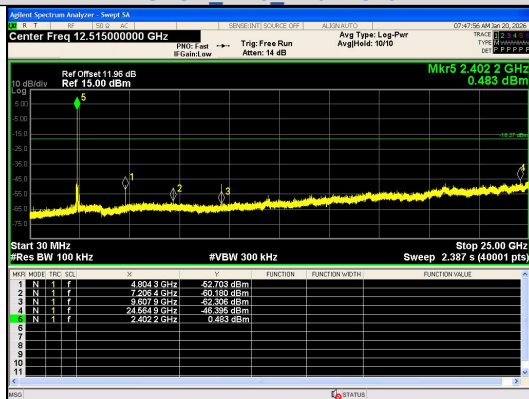
Test Graphs



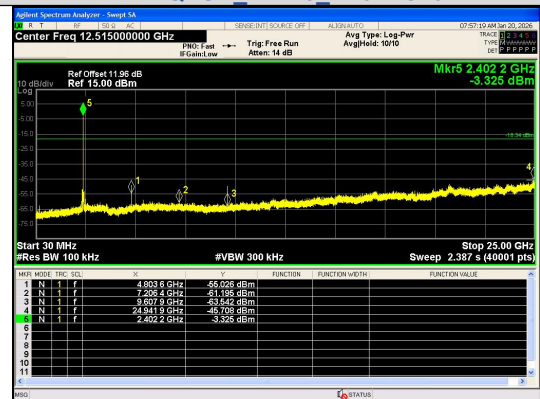
Out Of Band Emission
GFSK_DH5_Channel 0



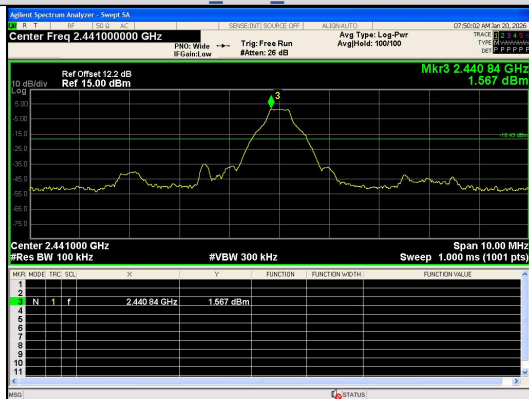
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0



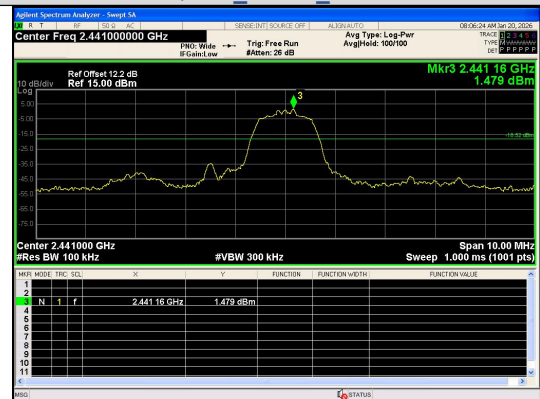
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 0



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