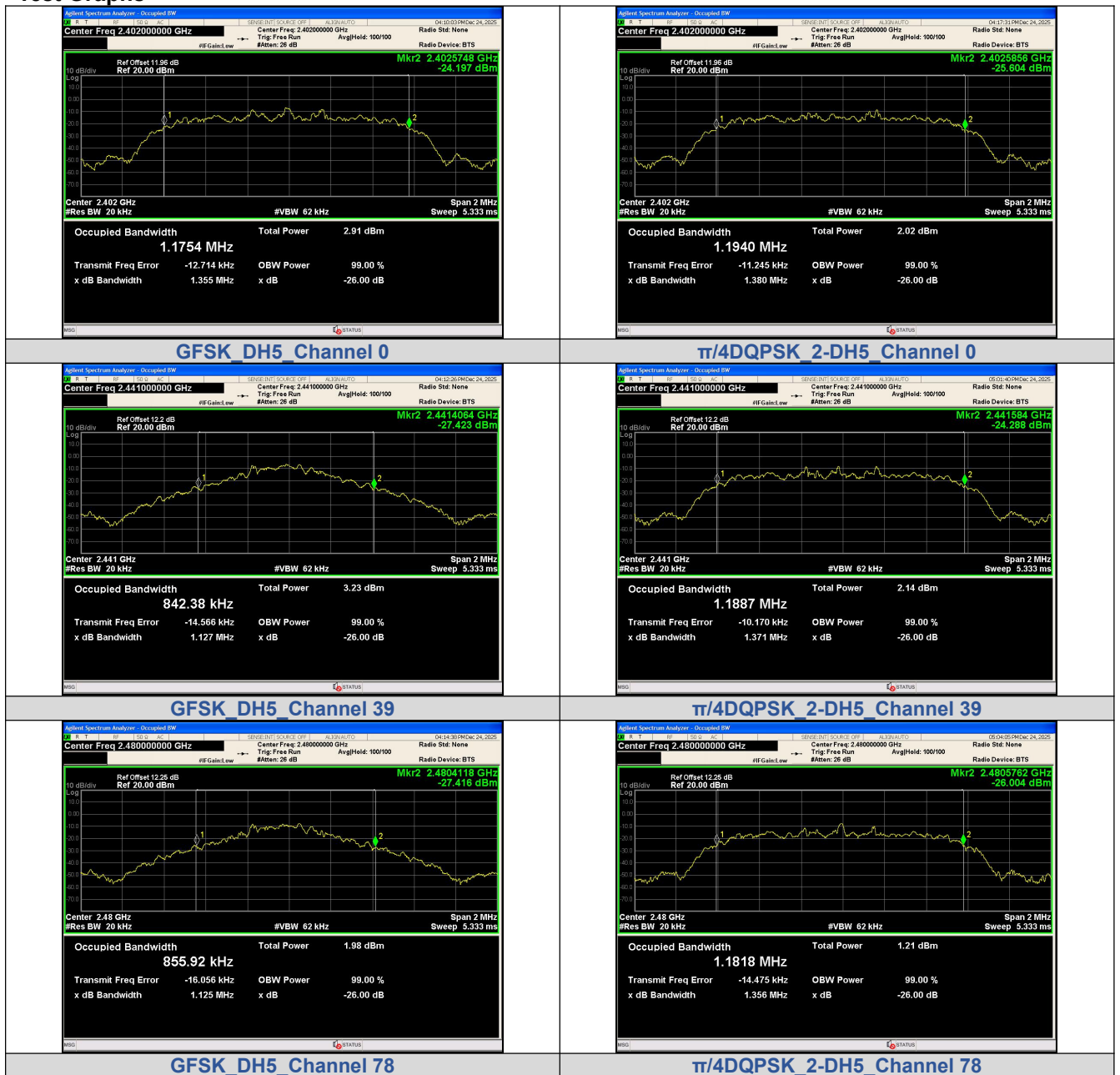
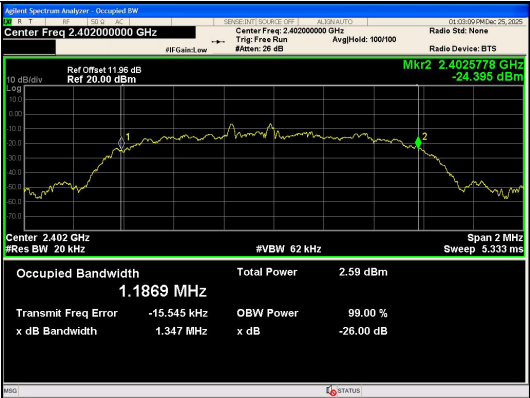


APPENDIX II. 99% Bandwidth Test Result

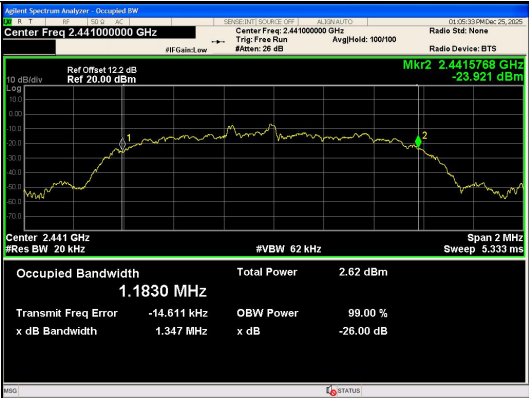
Modulation	Channel	Center Frequency (MHz)	99% BW (MHz)
GFSK	0	2402	1.1754
	39	2441	0.84238
	78	2480	0.85592
$\pi/4$ DQPSK	0	2402	1.1940
	39	2441	1.1887
	78	2480	1.1818
8DPSK	0	2402	1.1869
	39	2441	1.1830
	78	2480	1.1876

Test Graphs





8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



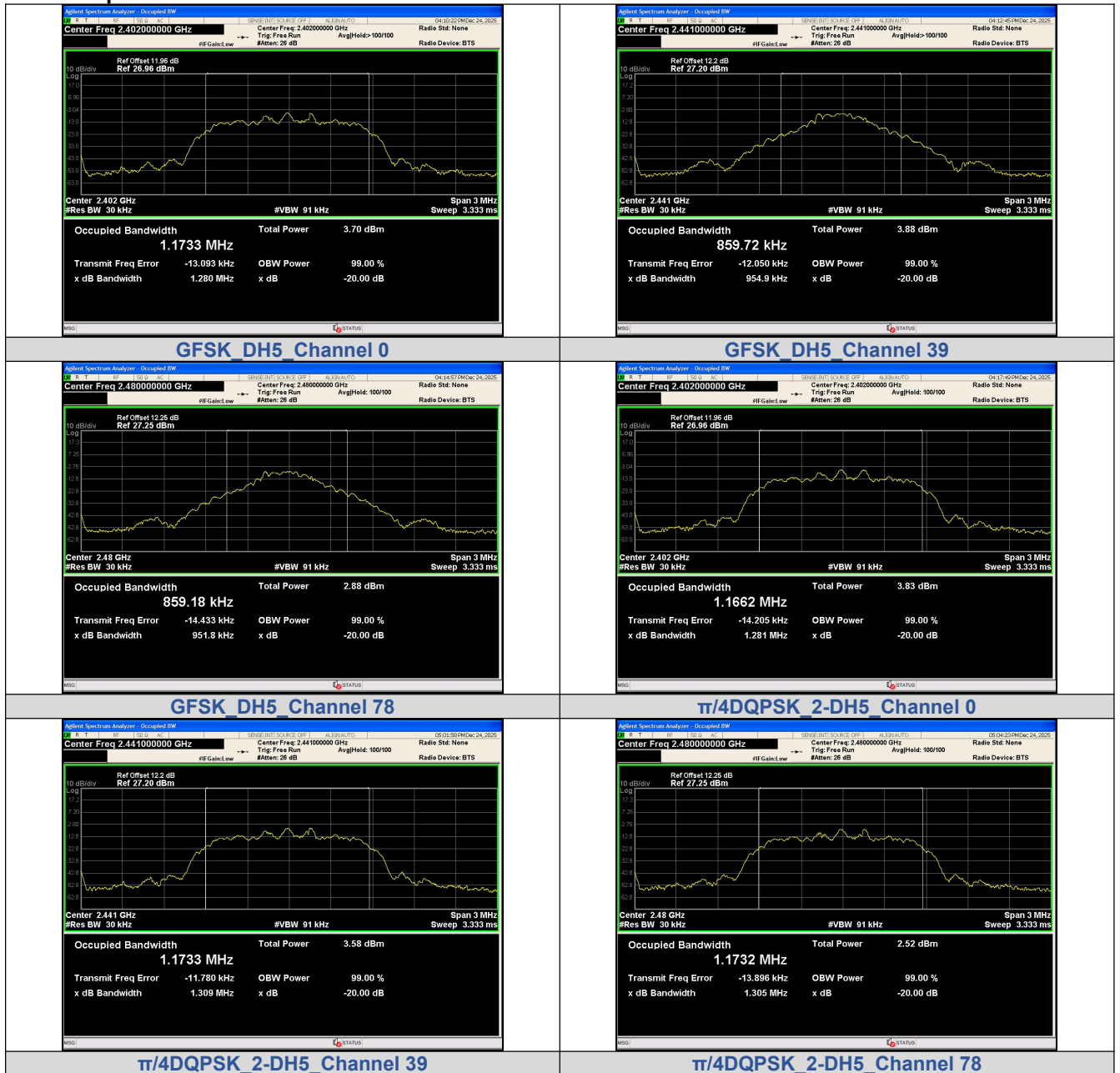
8DPSK 3-DH5 Channel 78

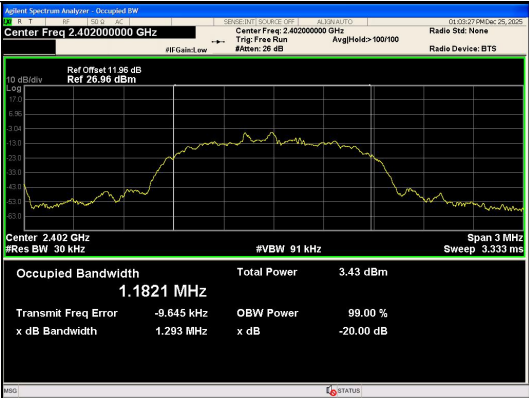
APPENDIX III. 20dB Bandwidth

Test Result

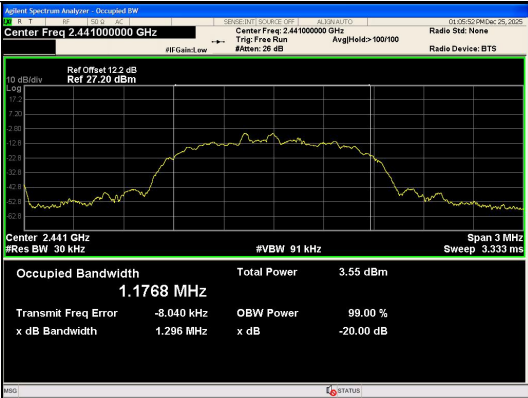
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	1.280
	39	2441 MHz	0.9549
	78	2480 MHz	0.9518
$\pi/4$ DQPSK	0	2402 MHz	1.281
	39	2441 MHz	1.309
	78	2480 MHz	1.305
8DPSK	0	2402 MHz	1.293
	39	2441 MHz	1.296
	78	2480 MHz	1.299

Test Graphs

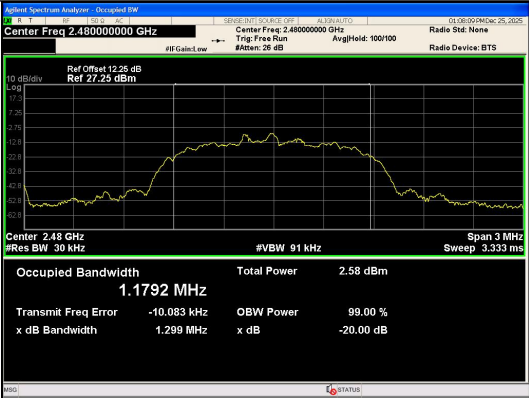




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39

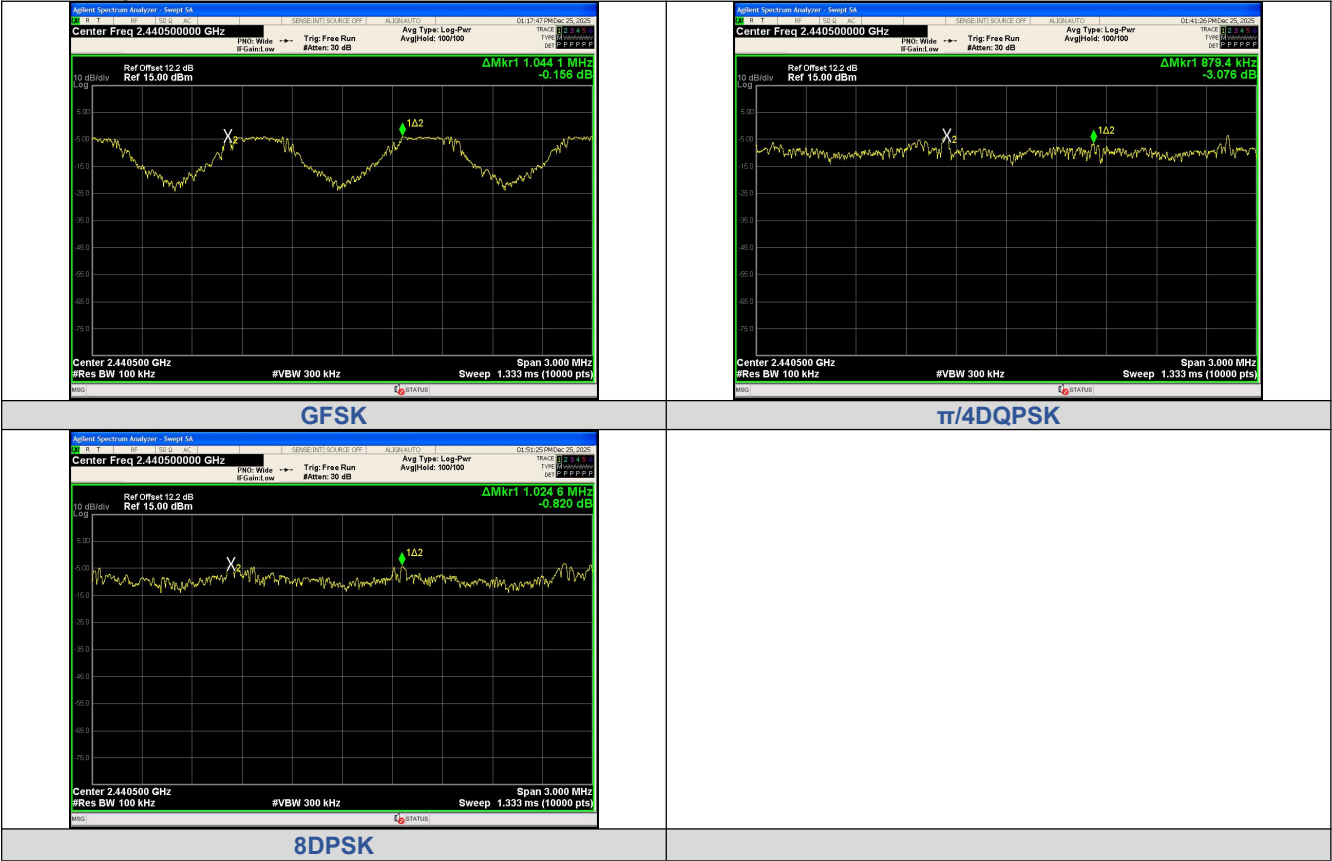


8DPSK 3-DH5 Channel 78

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	2439.8149	2440.859	1.0441	0.853	PASS
$\pi/4$ DQPSK	2-DH5	2440.1428	2441.0222	0.8794	0.873	PASS
8DPSK	3-DH5	2439.8329	2440.8575	1.0246	0.866	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	2399.00	-47.389	-23.02	-24.369	PASS
			2400.00	-50.155	-23.02	-27.135	PASS
			4803.60	-53.828	-23.02	-30.808	PASS
			7205.80	-62.809	-23.02	-39.789	PASS
			9608.50	-63.676	-23.02	-40.656	PASS
			24988.1	-46.355	-23.02	-23.335	PASS
		39	4882.30	-49.936	-23.24	-26.696	PASS
			7322.49	-63.688	-23.24	-40.448	PASS
			9763.93	-64.547	-23.24	-41.307	PASS
			24884.5	-45.869	-23.24	-22.629	PASS
		78	2483.50	-49.068	-24.21	-24.858	PASS
			4959.70	-51.353	-24.21	-27.143	PASS
			7440.47	-62.980	-24.21	-38.770	PASS
			9920.62	-63.450	-24.21	-39.240	PASS
			24963.8	-45.376	-24.21	-21.166	PASS
$\pi/4$ DQPSK	2-DH5	0	2398.87	-48.442	-23.19	-25.252	PASS
			2400.00	-49.035	-23.19	-25.845	PASS
			4804.30	-54.610	-23.19	-31.420	PASS
			7205.80	-62.144	-23.19	-38.954	PASS
			9607.20	-64.184	-23.19	-40.994	PASS
			24960.7	-45.858	-23.19	-22.668	PASS
		39	4882.30	-53.880	-23.53	-30.350	PASS
			7322.49	-63.266	-23.53	-39.736	PASS
			9763.31	-63.330	-23.53	-39.800	PASS
			24895.1	-45.461	-23.53	-21.931	PASS
		78	2483.50	-50.096	-24.28	-25.816	PASS
			4959.70	-55.109	-24.28	-30.829	PASS
			7440.47	-62.594	-24.28	-38.314	PASS
			9920.62	-61.159	-24.28	-36.879	PASS
			24888.9	-45.303	-24.28	-21.023	PASS
8DPSK	3-DH5	0	2398.97	-45.069	-23.13	-21.939	PASS
			2400.00	-51.354	-23.13	-28.224	PASS
			4804.30	-57.880	-23.13	-34.751	PASS
			7205.10	-63.013	-23.13	-39.883	PASS
			9608.50	-63.996	-23.13	-40.866	PASS
			24993.8	-45.973	-23.13	-22.843	PASS
		39	4881.67	-49.586	-23.19	-26.396	PASS
			7322.49	-61.859	-23.19	-38.669	PASS
			9763.93	-63.237	-23.19	-40.047	PASS
			24955.7	-46.318	-23.19	-23.128	PASS
		78	2483.50	-51.424	-24.2	-27.224	PASS
			4960.33	-53.664	-24.2	-29.464	PASS
			7439.22	-63.856	-24.2	-39.656	PASS
			9919.37	-61.903	-24.2	-37.703	PASS
			24910.1	-46.834	-24.2	-22.634	PASS

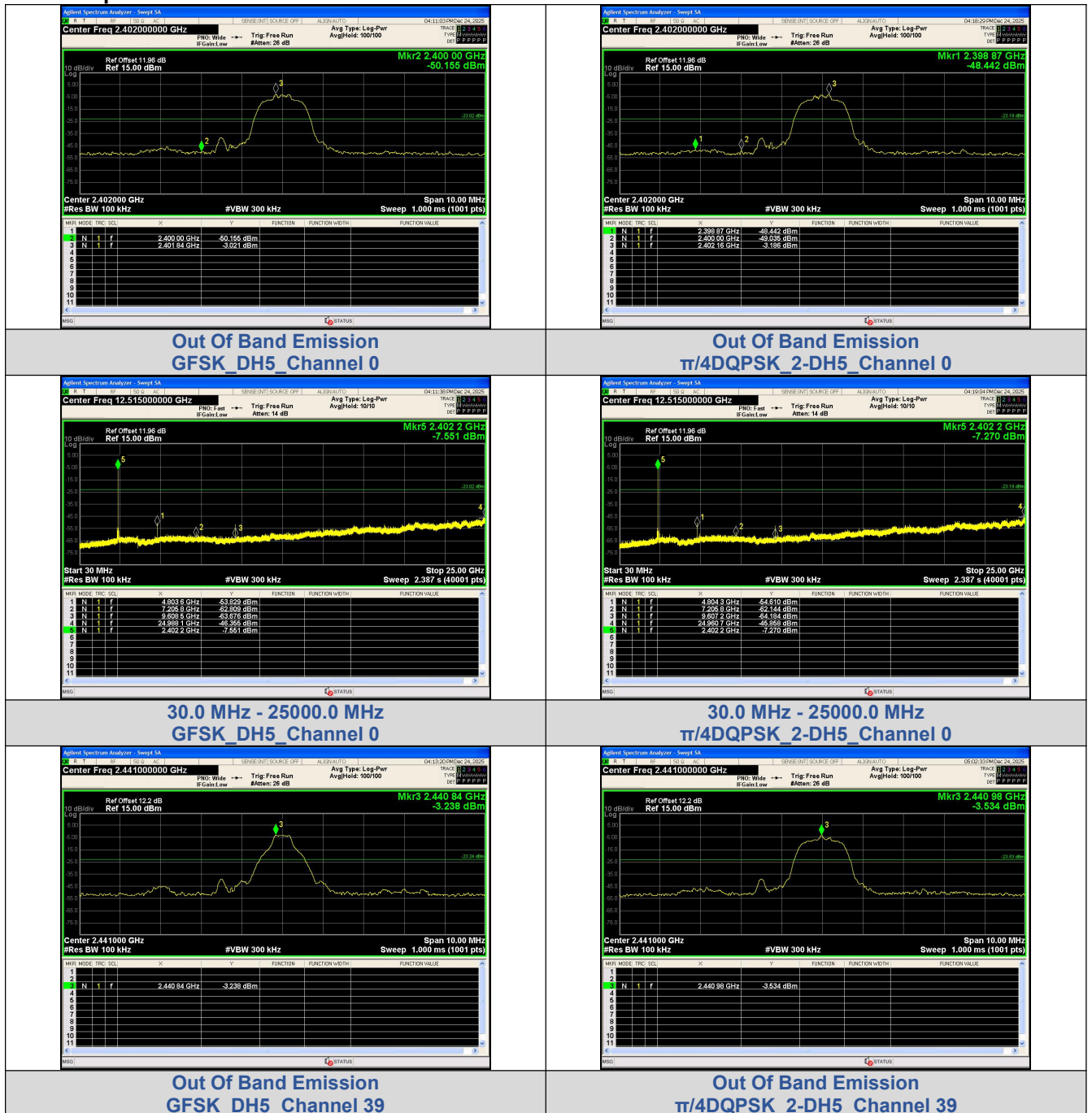
Note: input compensation coefficient (dB)= Cable Loss (dB)

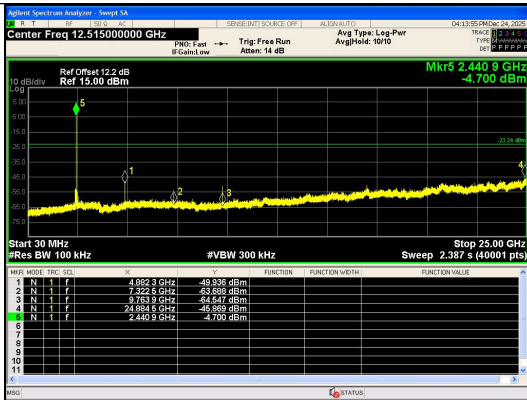
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2400.00	-44.898	-23.18	-21.718	PASS
			2483.50	-49.856	-24.42	-25.436	PASS
			2400.00	-45.979	-23.21	-22.769	PASS
			2483.50	-50.709	-24.49	-26.219	PASS
			2398.93	-45.562	-23.18	-22.382	PASS
			2400.00	-46.529	-23.18	-23.349	PASS
			2483.50	-49.320	-24.22	-25.100	PASS
$\pi/4$ DQPSK	2-DH5		2400.00	-44.722	-23.2	-21.522	PASS

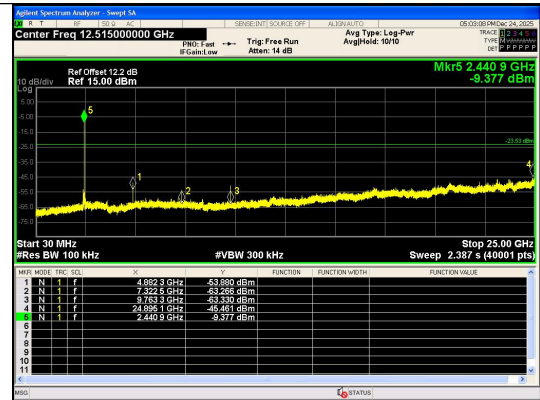
			2483.50	-50.206	-24.23	-25.976	PASS
			2398.82	-46.819	-23.19	-23.629	PASS
			2400.00	-47.984	-23.19	-24.794	PASS
			2483.50	-51.404	-24.3	-27.104	PASS
			2398.83	-46.740	-23.23	-23.510	PASS
			2400.00	-48.403	-23.23	-25.173	PASS
			2483.50	-49.911	-24.78	-25.131	PASS
8DPSK	3-DH5		2400.00	-47.414	-23.17	-24.244	PASS
			2483.50	-49.983	-24.22	-25.763	PASS
			2400.00	-47.434	-23.13	-24.304	PASS
			2483.50	-50.737	-24.44	-26.297	PASS
			2400.00	-46.891	-23.27	-23.621	PASS
			2483.50	-50.328	-25.5	-24.828	PASS
Note: input compensation coefficient (dB)= Cable Loss (dB)							

Test Graphs

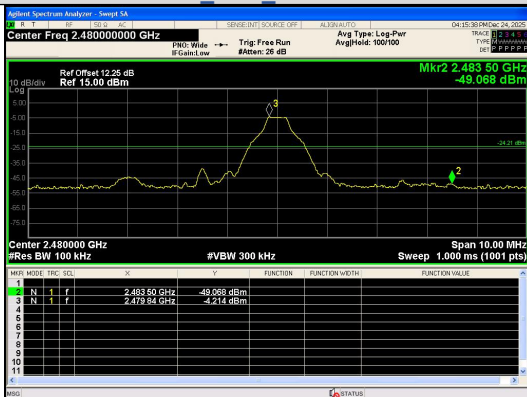




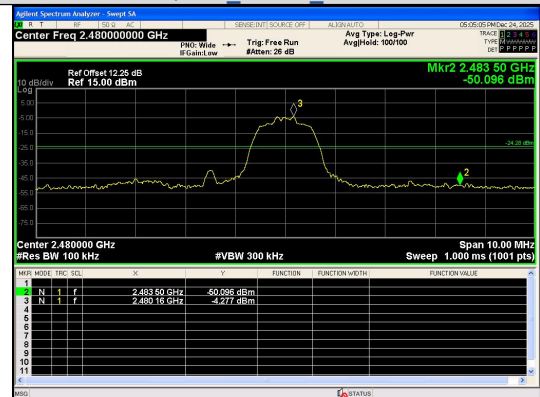
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 39



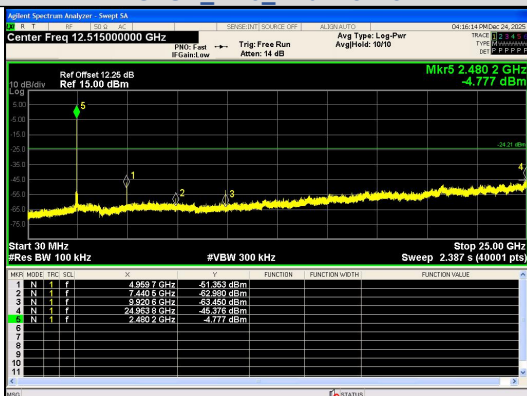
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 39



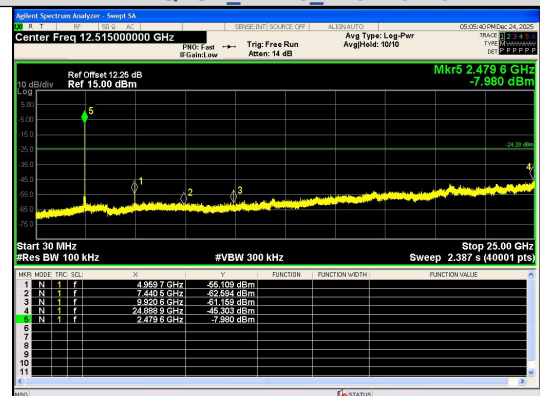
Out Of Band Emission
GFSK DH5 Channel 78



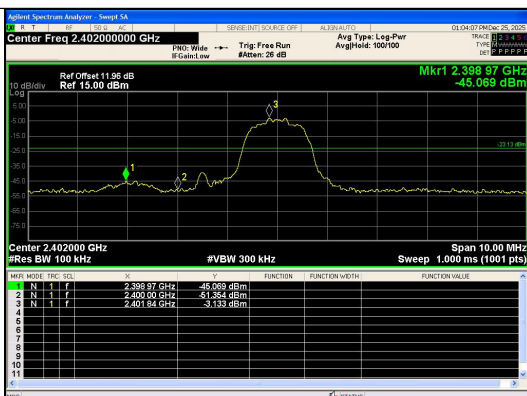
Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 78



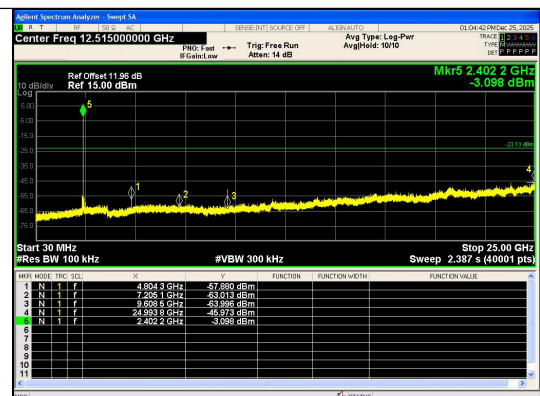
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 78



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