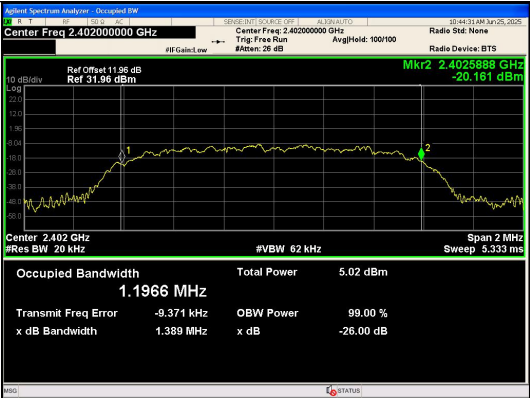
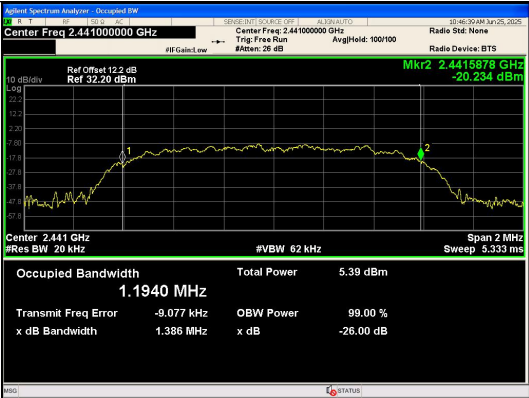
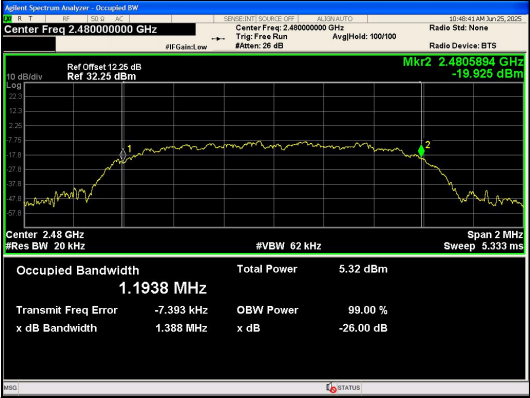




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



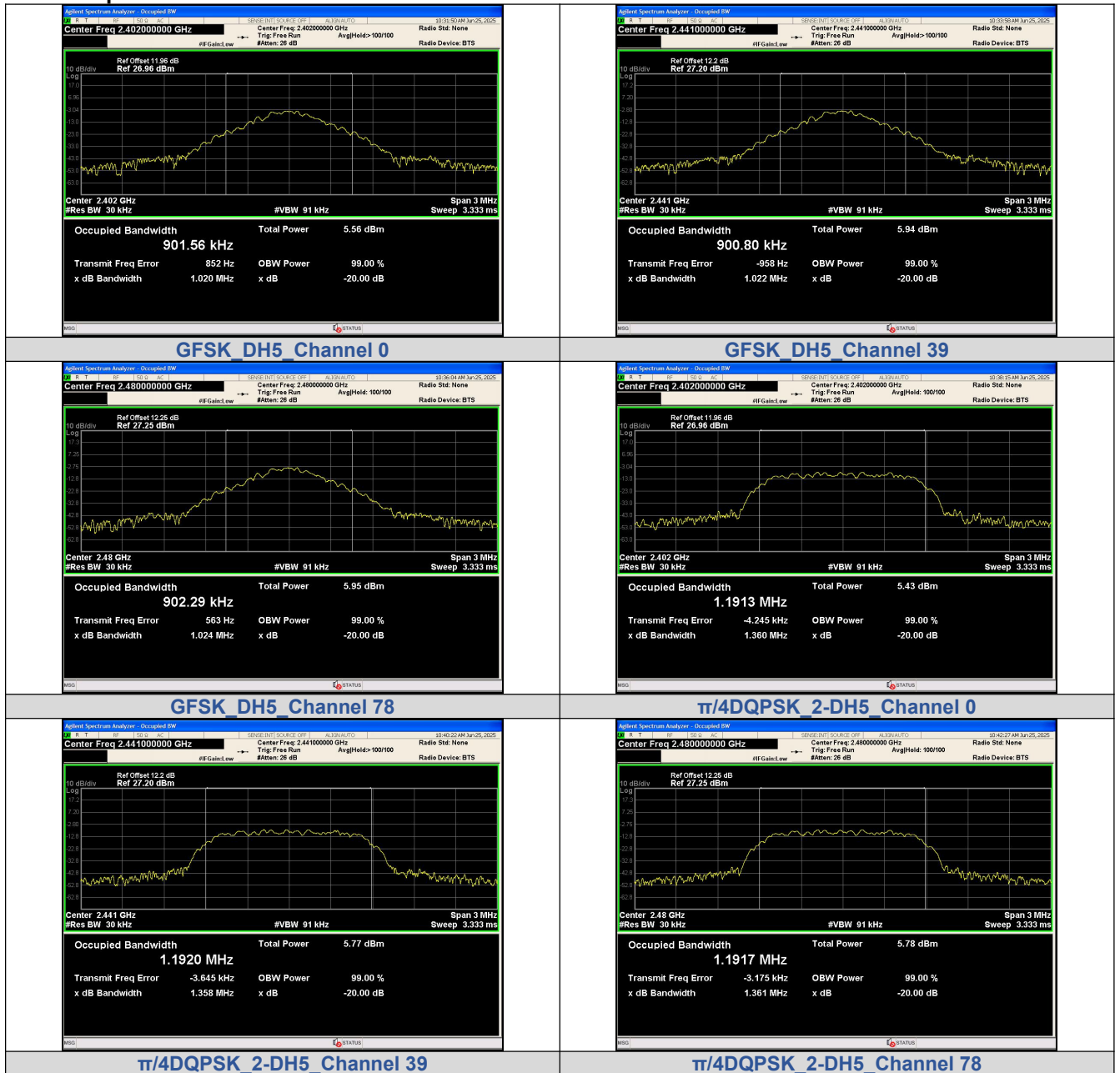
8DPSK 3-DH5 Channel 78

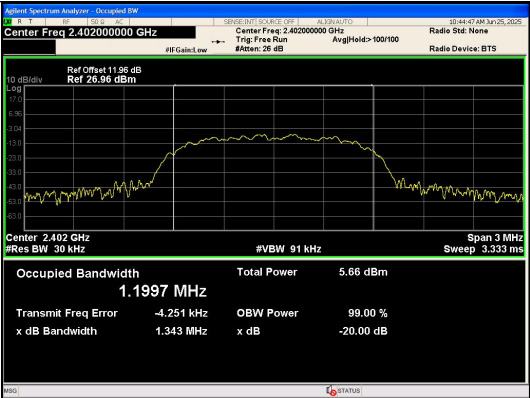
APPENDIX IV. 20dB Bandwidth

Test Result

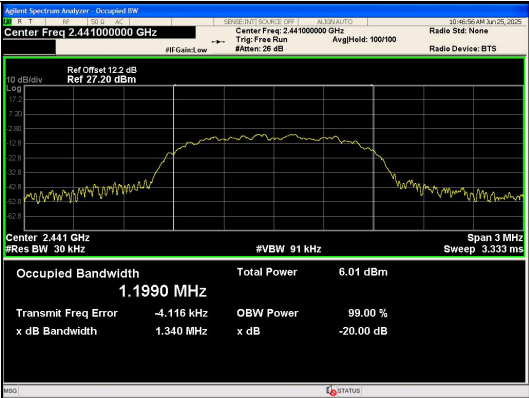
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	1.020
	39	2441 MHz	1.022
	78	2480 MHz	1.024
$\pi/4$ DQPSK	0	2402 MHz	1.360
	39	2441 MHz	1.358
	78	2480 MHz	1.361
8DPSK	0	2402 MHz	1.343
	39	2441 MHz	1.340
	78	2480 MHz	1.342

Test Graphs

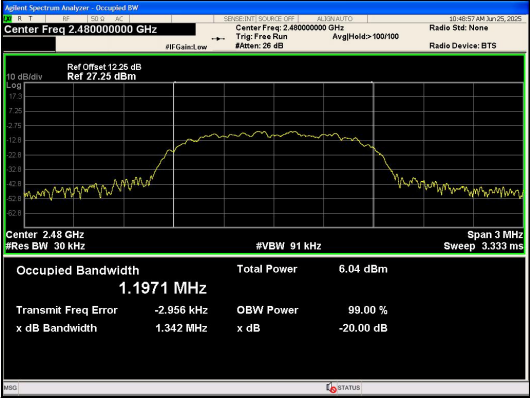




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



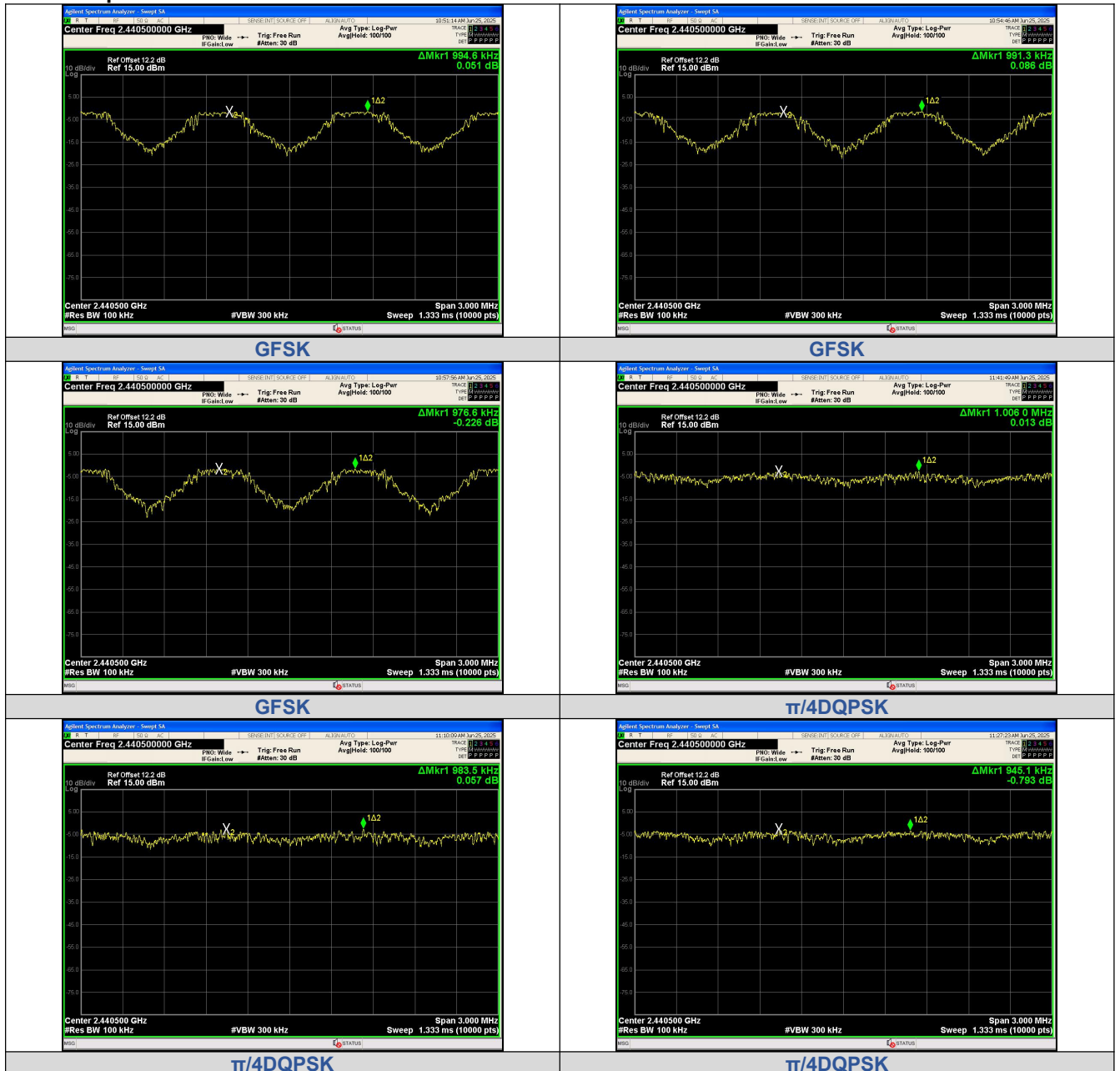
8DPSK 3-DH5 Channel 78

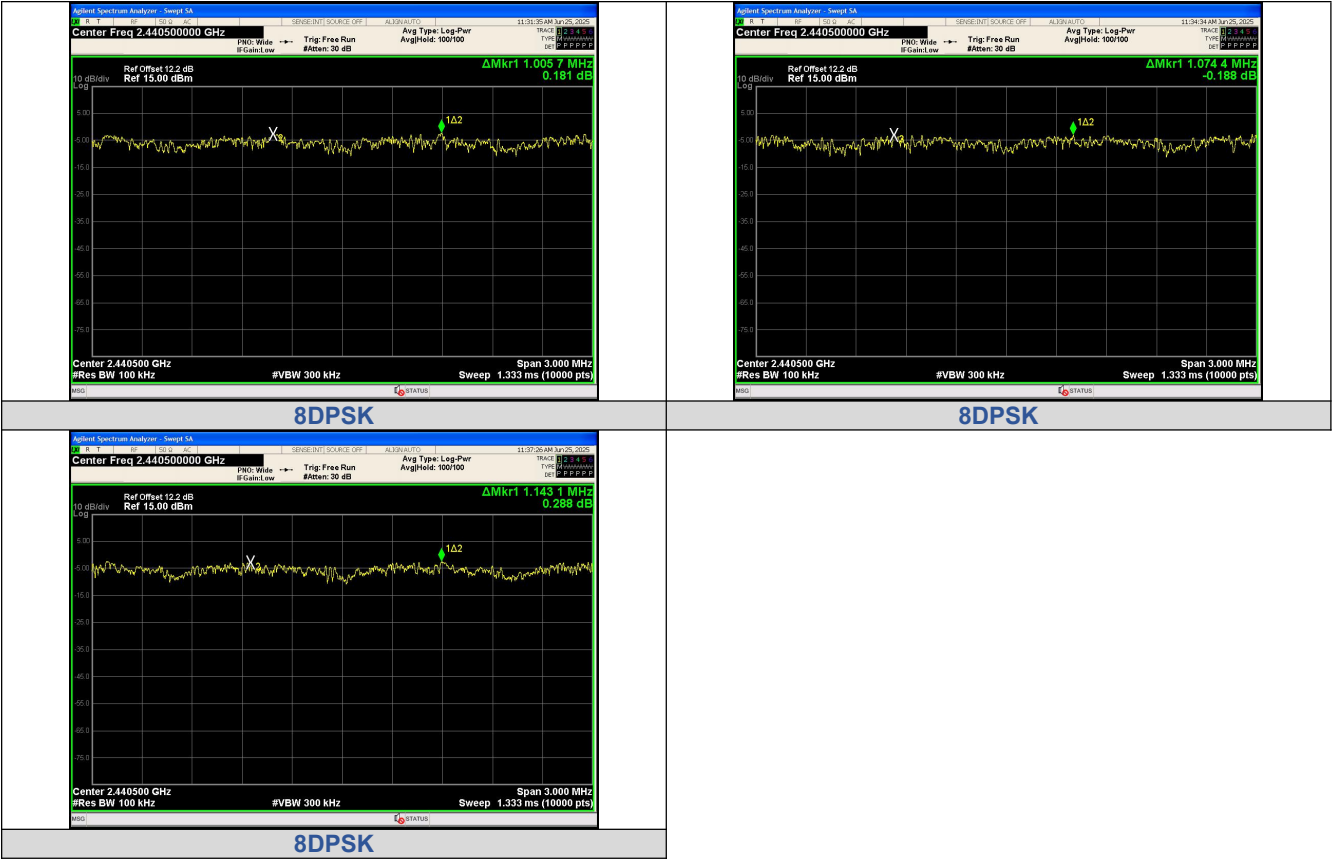
APPENDIX V. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.0654	2441.06	0.9946	0.683	PASS
GFSK	DH5	2440.0705	2441.0618	0.9913	0.683	PASS
GFSK	DH5	2439.9922	2440.9688	0.9766	0.683	PASS
$\pi/4$ DQPSK	2-DH5	2440.0345	2441.0405	1.0060	0.907	PASS
$\pi/4$ DQPSK	2-DH5	2440.0459	2441.0294	0.9835	0.907	PASS
$\pi/4$ DQPSK	2-DH5	2440.0354	2440.9805	0.9451	0.907	PASS
8DPSK	3-DH5	2440.0861	2441.0918	1.0057	0.895	PASS
8DPSK	3-DH5	2439.8263	2440.9007	1.0744	0.895	PASS
8DPSK	3-DH5	2439.9502	2441.0933	1.1431	0.895	PASS

Test Graphs





APPENDIX VI. Conducted Out Of Band Emission**Test Result****Non-Hopping**

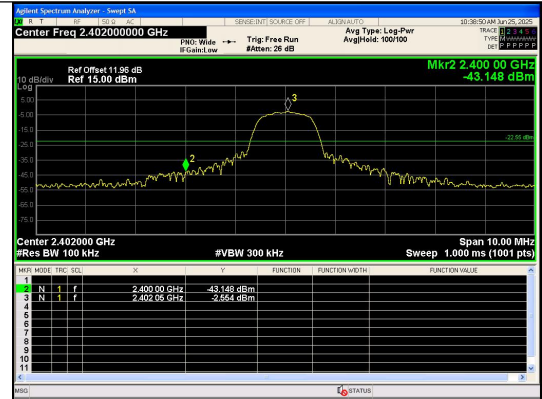
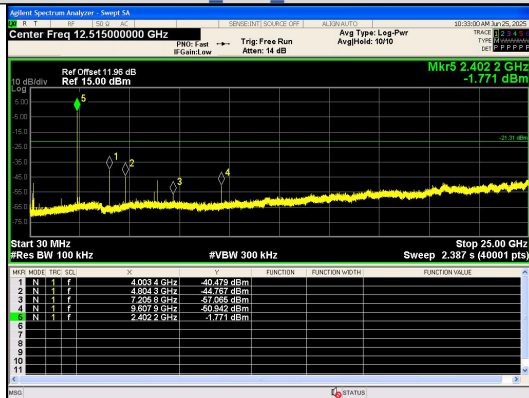
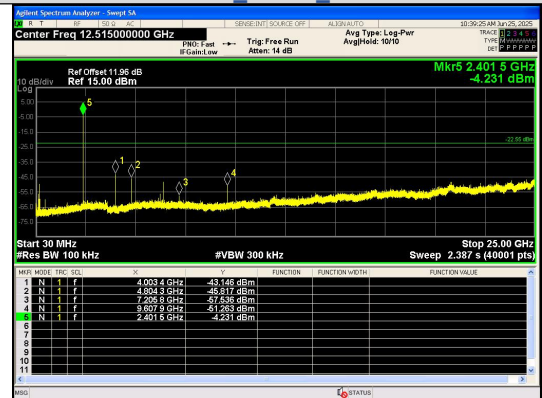
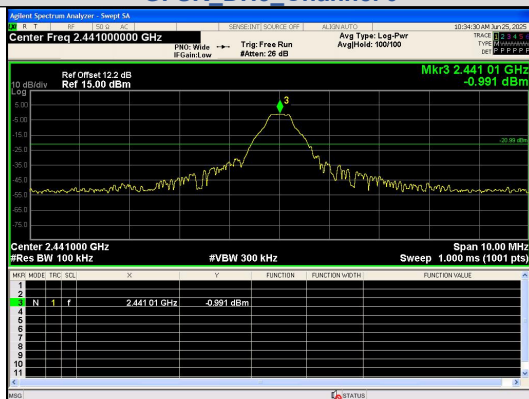
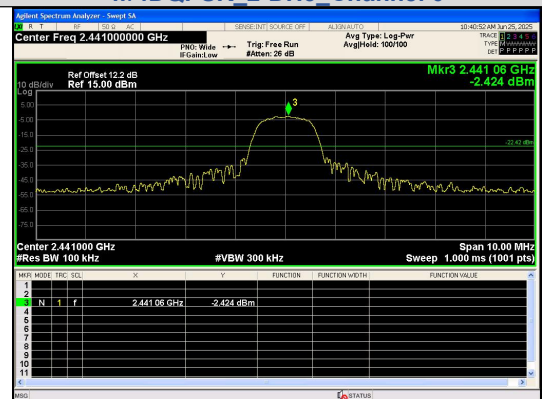
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-42.748	-21.31	-21.438	PASS
			4003.35	-40.479	-21.31	-19.169	PASS
			4804.26	-44.767	-21.31	-23.457	PASS
			7205.75	-57.065	-21.31	-35.755	PASS
			9607.87	-50.942	-21.31	-29.632	PASS
		39	4882.30	-42.067	-20.99	-21.077	PASS
			7323.11	-57.668	-20.99	-36.678	PASS
			9763.93	-50.288	-20.99	-29.298	PASS
		78	2483.50	-51.030	-20.93	-30.100	PASS
			4133.20	-42.484	-20.93	-21.554	PASS
			4960.33	-42.506	-20.93	-21.576	PASS
			7439.85	-57.444	-20.93	-36.514	PASS
			9919.99	-52.129	-20.93	-31.199	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-43.148	-22.55	-20.598	PASS
			4003.35	-43.146	-22.55	-20.596	PASS
			4804.26	-45.817	-22.55	-23.267	PASS
			7205.75	-57.536	-22.55	-34.986	PASS
			9607.87	-51.263	-22.55	-28.713	PASS
		39	4068.27	-44.686	-22.42	-22.266	PASS
			4882.30	-45.043	-22.42	-22.623	PASS
			7323.11	-57.354	-22.42	-34.934	PASS
			9763.93	-50.132	-22.42	-27.712	PASS
		78	2483.50	-51.637	-22.16	-29.477	PASS
			4960.33	-43.586	-22.16	-21.426	PASS
			7439.85	-57.942	-22.16	-35.782	PASS
			9919.99	-51.637	-22.16	-29.477	PASS
8DPSK	3-DH5	0	2400.00	-44.556	-22.46	-22.096	PASS
			4003.35	-42.949	-22.46	-20.489	PASS
			4804.26	-44.052	-22.46	-21.592	PASS
			7205.75	-56.968	-22.46	-34.508	PASS
			9607.87	-51.978	-22.46	-29.518	PASS
		39	4882.30	-42.516	-22.12	-20.396	PASS
			7323.11	-58.430	-22.12	-36.310	PASS
			9763.93	-49.522	-22.12	-27.402	PASS
		78	2483.50	-50.535	-22.09	-28.445	PASS
			4133.20	-43.882	-22.09	-21.792	PASS
			4959.70	-44.130	-22.09	-22.040	PASS
			7439.85	-58.643	-22.09	-36.553	PASS
			9919.99	-51.575	-22.09	-29.485	PASS

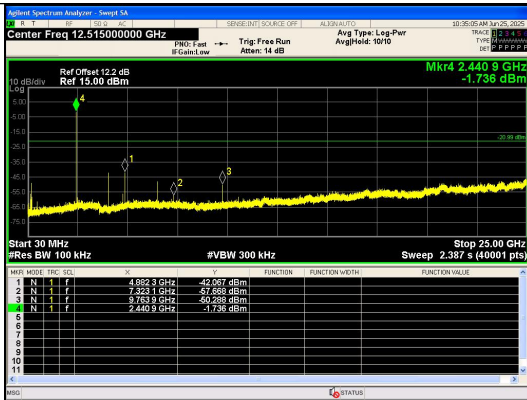
Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2397.87	-50.081	-21.38	-28.701	PASS
			2400.00	-51.227	-21.38	-29.847	PASS
			2483.50	-50.837	-20.84	-29.997	PASS
			2400.00	-44.618	-21.37	-23.248	PASS
			2483.50	-50.841	-21.01	-29.831	PASS
			2400.00	-47.391	-21.69	-25.701	PASS
			2483.50	-50.407	-21.04	-29.367	PASS
π/4DQPSK	2-DH5		2398.89	-49.707	-22.92	-26.787	PASS
			2400.00	-52.076	-22.92	-29.156	PASS
			2483.50	-51.414	-22.49	-28.924	PASS
			2400.00	-45.038	-22.91	-22.128	PASS
			2483.50	-49.723	-22.29	-27.433	PASS
			2398.56	-49.085	-22.6	-26.485	PASS
			2400.00	-51.560	-22.6	-28.960	PASS
		2483.50	-51.717	-22.31	-29.407	PASS	

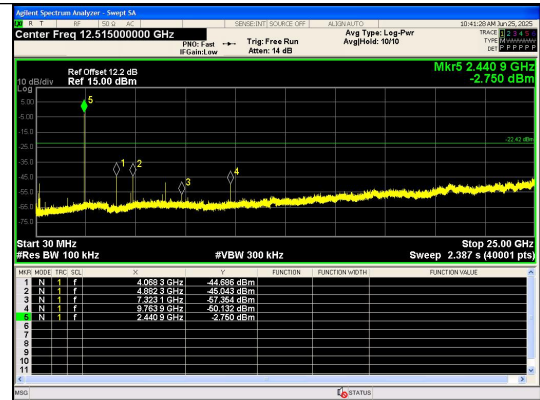
8DPSK	3-DH5		2396.43	-50.102	-22.53	-27.572	PASS
			2400.00	-50.892	-22.53	-28.362	PASS
			2483.50	-51.414	-22.14	-29.274	PASS
			2398.94	-49.599	-22.44	-27.159	PASS
			2400.00	-51.863	-22.44	-29.423	PASS
			2483.50	-51.220	-22.1	-29.120	PASS
			2400.00	-49.006	-22.42	-26.586	PASS
			2483.50	-51.500	-22.19	-29.310	PASS

Test Graphs

Out Of Band Emission
GFSK DH5 Channel 0Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 030.0 MHz - 25000.0 MHz
GFSK DH5 Channel 030.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 0Out Of Band Emission
GFSK DH5 Channel 39Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 39



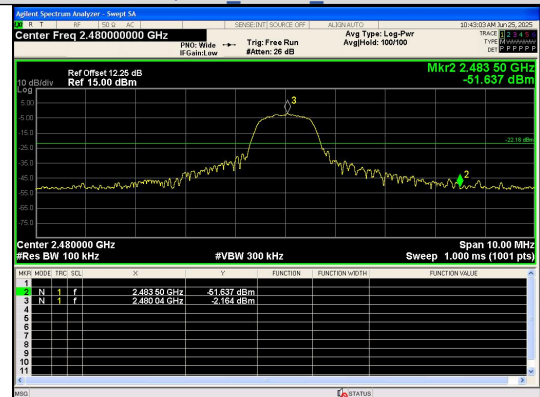
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 39



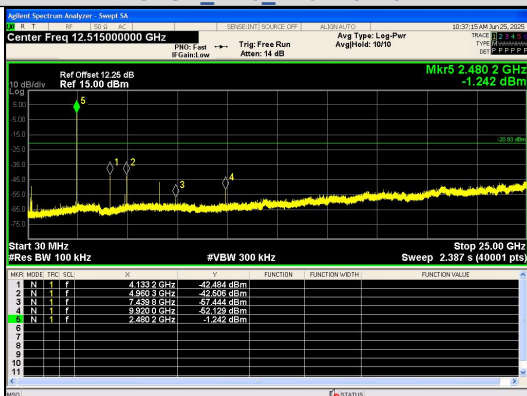
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 39



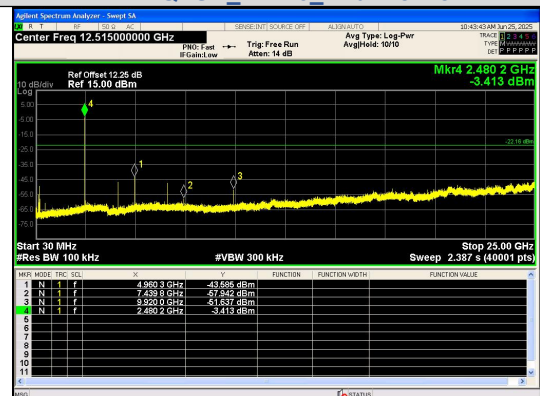
Out Of Band Emission
GFSK DH5 Channel 78



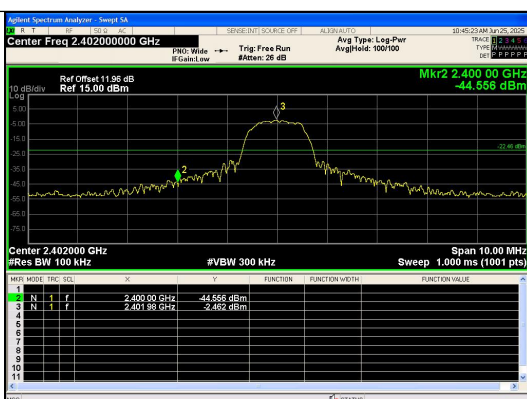
Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 78



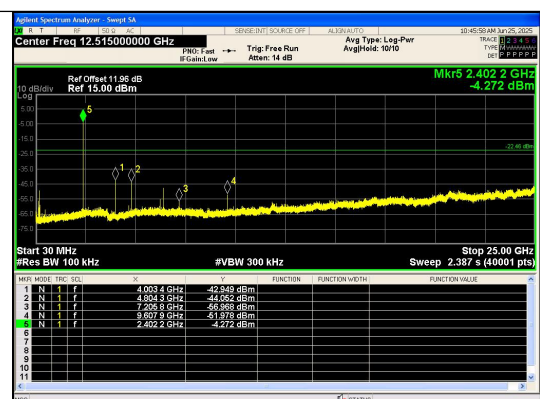
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 78



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