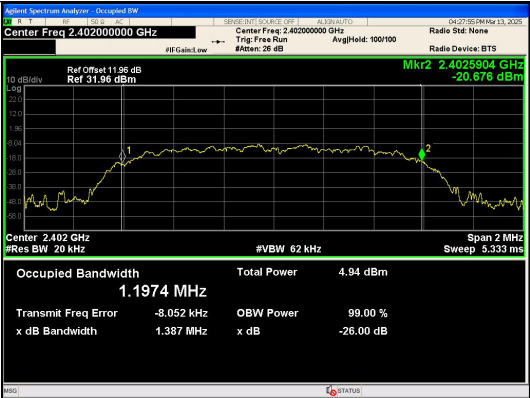
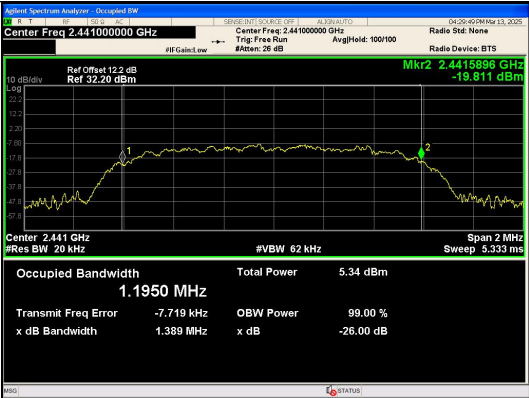
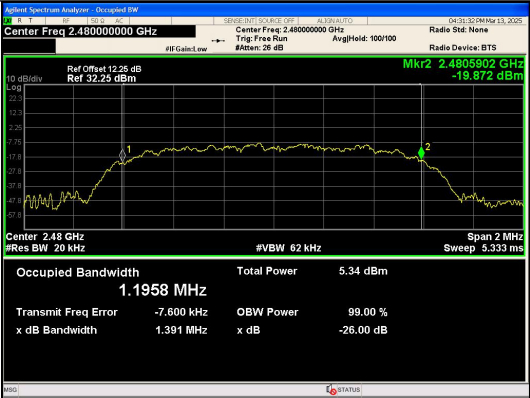




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



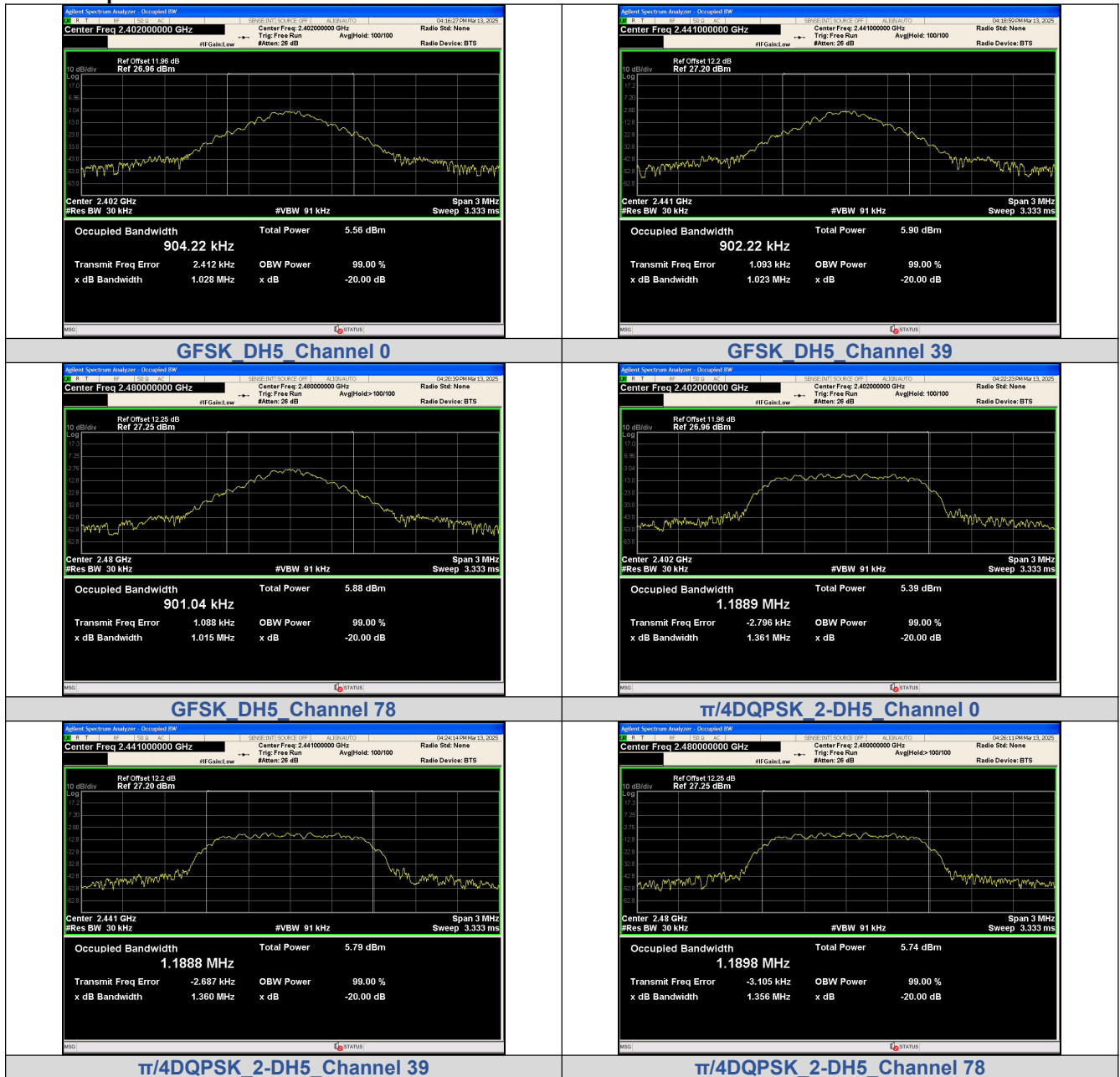
8DPSK 3-DH5 Channel 78

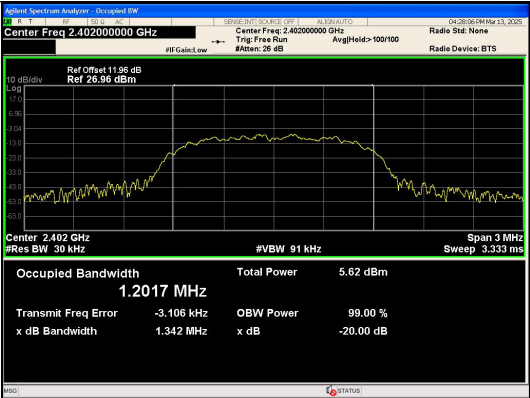
APPENDIX III. 20dB Bandwidth

Test Result

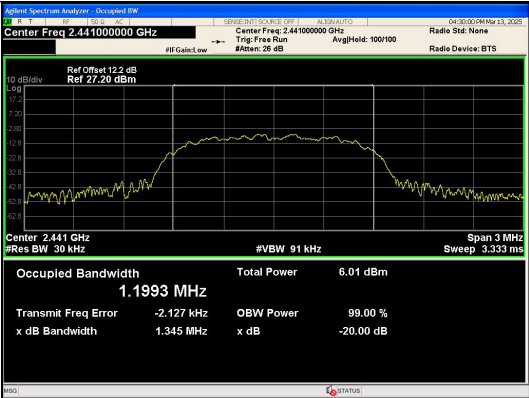
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	1.028
	39	2441 MHz	1.023
	78	2480 MHz	1.015
$\pi/4$ DQPSK	0	2402 MHz	1.361
	39	2441 MHz	1.360
	78	2480 MHz	1.356
8DPSK	0	2402 MHz	1.342
	39	2441 MHz	1.345
	78	2480 MHz	1.344

Test Graphs

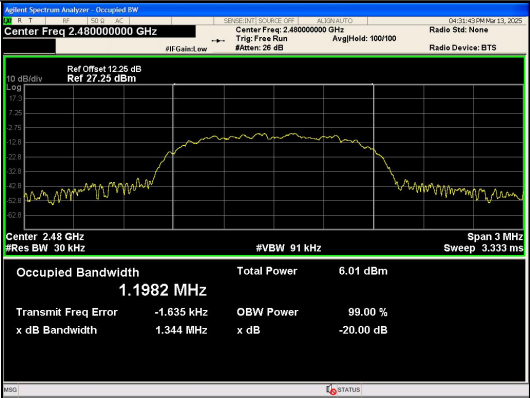




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



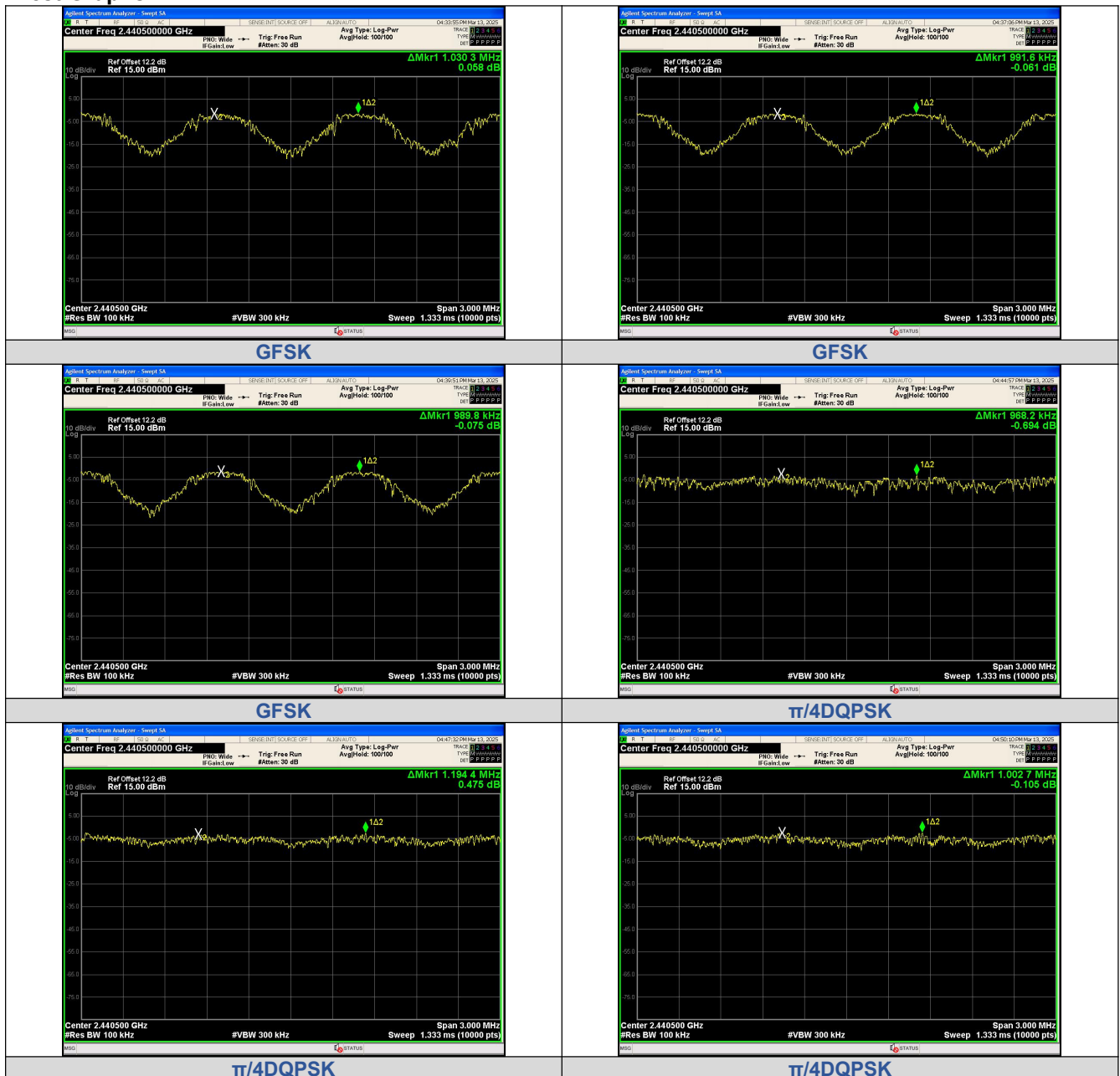
8DPSK 3-DH5 Channel 78

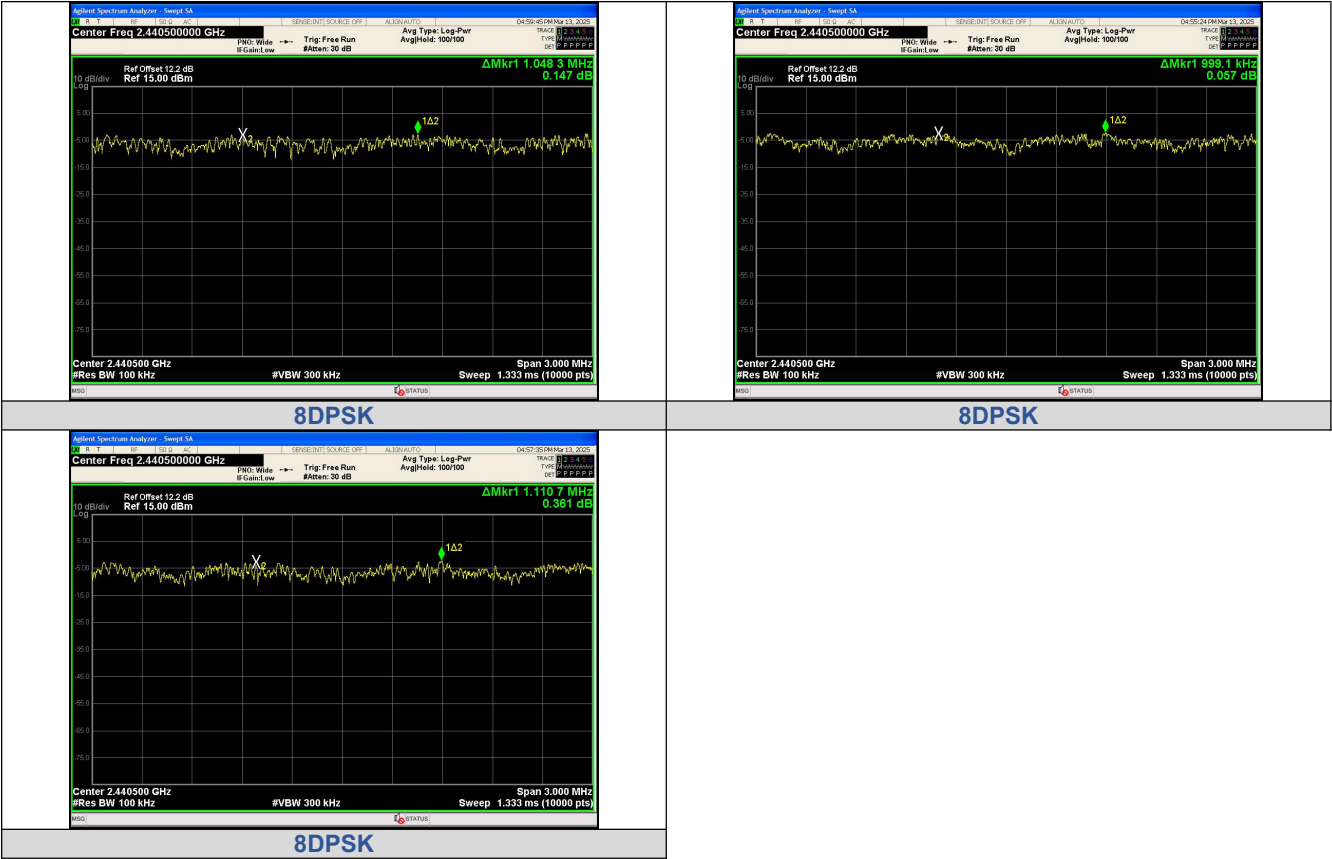
APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.9535	2440.9838	1.0303	0.685	PASS
GFSK	DH5	2440.0066	2440.9982	0.9916	0.682	PASS
GFSK	DH5	2440.0024	2440.9922	0.9898	0.677	PASS
$\pi/4$ DQPSK	2-DH5	2440.0336	2441.0018	0.9682	0.907	PASS
$\pi/4$ DQPSK	2-DH5	2439.8404	2441.0348	1.1944	0.907	PASS
$\pi/4$ DQPSK	2-DH5	2440.0378	2441.0405	1.0027	0.904	PASS
8DPSK	3-DH5	2439.9031	2440.9514	1.0483	0.895	PASS
8DPSK	3-DH5	2440.0942	2441.0933	0.9991	0.897	PASS
8DPSK	3-DH5	2439.9832	2441.0939	1.1107	0.896	PASS

Test Graphs





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

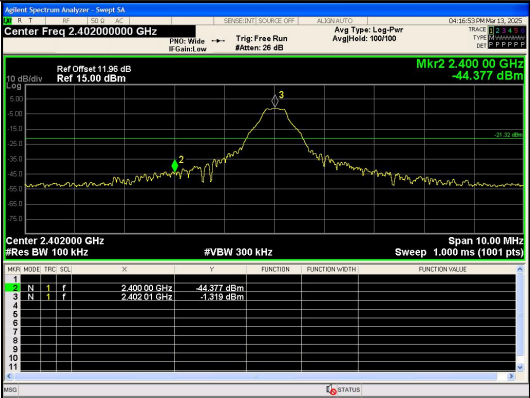
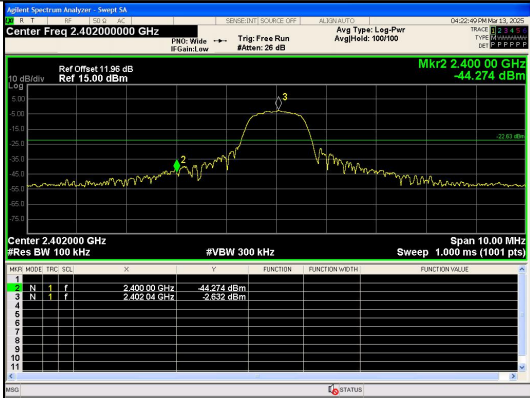
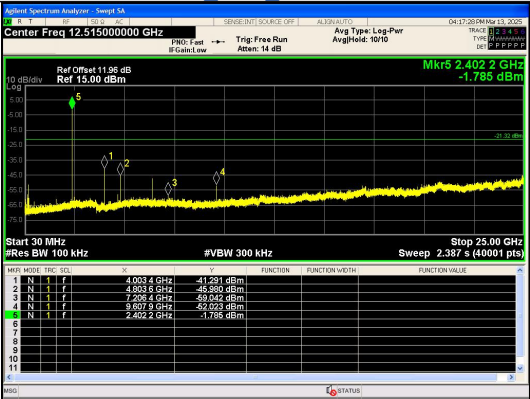
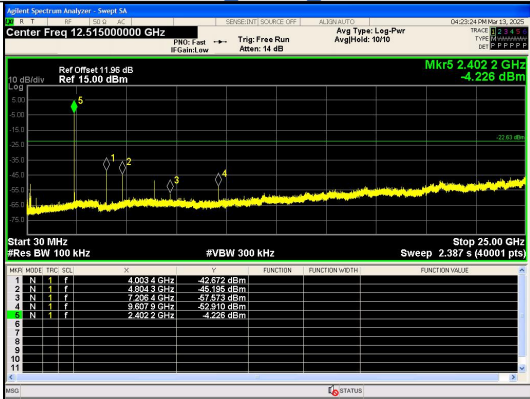
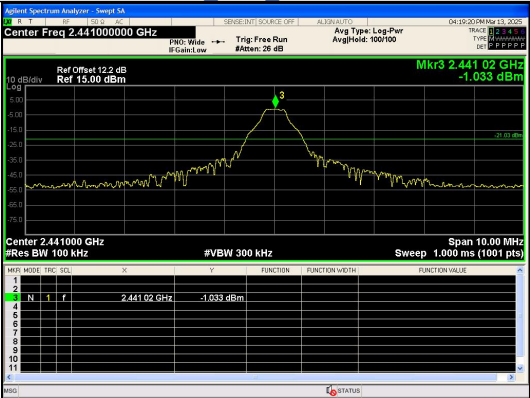
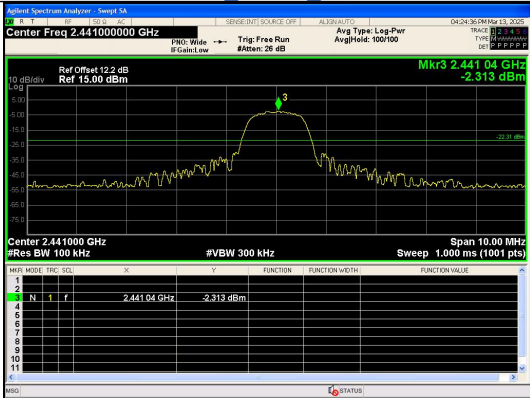
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-44.377	-21.32	-23.057	PASS
			4003.35	-41.291	-21.32	-19.971	PASS
			4803.64	-45.980	-21.32	-24.660	PASS
			7206.38	-59.042	-21.32	-37.722	PASS
			9607.87	-52.023	-21.32	-30.703	PASS
		39	4068.27	-42.151	-21.03	-21.121	PASS
			4881.67	-44.895	-21.03	-23.865	PASS
			7323.11	-58.830	-21.03	-37.800	PASS
			9763.93	-50.574	-21.03	-29.544	PASS
		78	2483.50	-49.044	-20.98	-28.064	PASS
			4133.20	-43.451	-20.98	-22.471	PASS
			4960.33	-43.609	-20.98	-22.629	PASS
			7439.85	-59.316	-20.98	-38.336	PASS
			9919.99	-52.503	-20.98	-31.523	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-44.274	-22.63	-21.644	PASS
			4003.35	-42.672	-22.63	-20.042	PASS
			4804.26	-45.195	-22.63	-22.565	PASS
			7206.38	-57.574	-22.63	-34.944	PASS
			9607.87	-52.910	-22.63	-30.280	PASS
		39	4882.30	-42.150	-22.31	-19.840	PASS
			7323.11	-59.675	-22.31	-37.365	PASS
			9763.93	-50.805	-22.31	-28.495	PASS
		78	2483.50	-48.875	-22.28	-26.595	PASS
			4959.70	-43.068	-22.28	-20.788	PASS
			7439.85	-59.818	-22.28	-37.538	PASS
			9919.99	-52.993	-22.28	-30.713	PASS
8DPSK	3-DH5	0	2400.00	-42.174	-22.43	-19.744	PASS
			4003.35	-43.053	-22.43	-20.623	PASS
			4804.26	-44.108	-22.43	-21.678	PASS
			7205.75	-57.726	-22.43	-35.296	PASS
			9607.87	-53.100	-22.43	-30.670	PASS
		39	4882.30	-43.811	-22.05	-21.761	PASS
			7322.49	-58.750	-22.05	-36.700	PASS
			9763.93	-50.820	-22.05	-28.770	PASS
		78	2483.50	-52.187	-22.02	-30.167	PASS
			4133.82	-44.999	-22.02	-22.979	PASS
			4960.33	-45.265	-22.02	-23.245	PASS
			7439.85	-55.296	-22.02	-33.276	PASS
			9919.99	-52.966	-22.02	-30.946	PASS

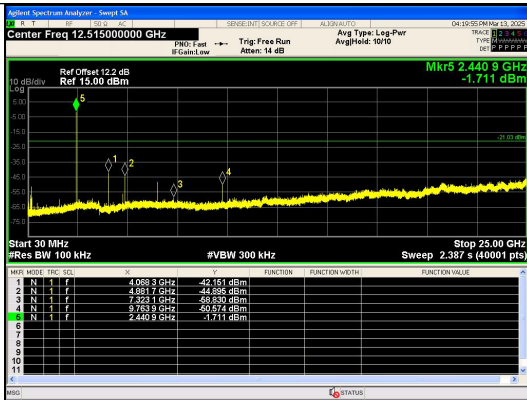
Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.62	-49.812	-21.39	-28.422	PASS
			2400.00	-51.736	-21.39	-30.346	PASS
			2483.50	-51.589	-20.98	-30.609	PASS
			2396.40	-49.449	-21.52	-27.929	PASS
			2400.00	-51.468	-21.52	-29.948	PASS
			2483.50	-51.663	-21.23	-30.433	PASS
			2398.83	-49.732	-21.5	-28.232	PASS
			2400.00	-51.973	-21.5	-30.473	PASS
π/4DQPSK	2-DH5		2483.50	-49.766	-20.86	-28.906	PASS
			2397.05	-50.194	-22.83	-27.364	PASS
			2400.00	-51.224	-22.83	-28.394	PASS
			2483.50	-50.977	-22.72	-28.257	PASS
			2398.86	-46.114	-22.98	-23.134	PASS
			2400.00	-51.933	-22.98	-28.953	PASS
			2483.50	-50.423	-22.5	-27.923	PASS

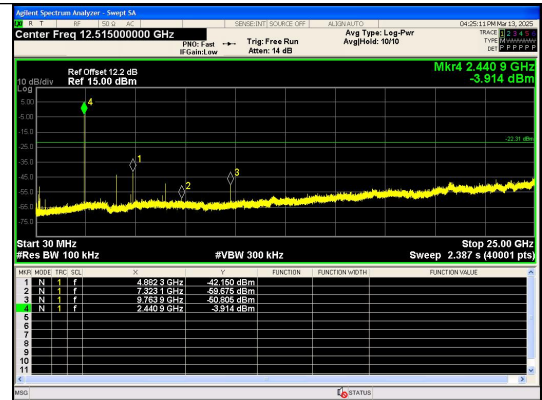
			2400.00	-43.586	-22.95	-20.636	PASS
			2483.50	-51.563	-22.62	-28.943	PASS
			2395.26	-50.361	-22.63	-27.731	PASS
8DPSK	3-DH5		2400.00	-52.407	-22.63	-29.777	PASS
			2483.50	-49.869	-22.2	-27.669	PASS
			2400.00	-49.149	-22.66	-26.489	PASS
			2483.50	-51.186	-22.1	-29.086	PASS
			2398.70	-50.263	-22.58	-27.683	PASS
			2400.00	-52.166	-22.58	-29.586	PASS
			2483.50	-51.693	-22.08	-29.613	PASS

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



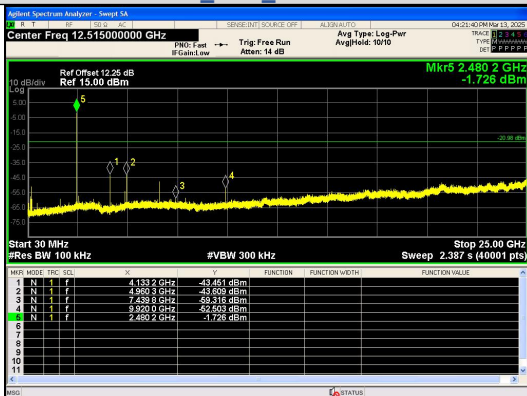
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 39



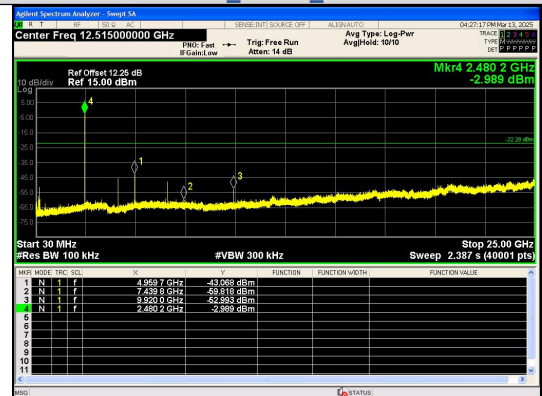
Out Of Band Emission
GFSK DH5 Channel 78



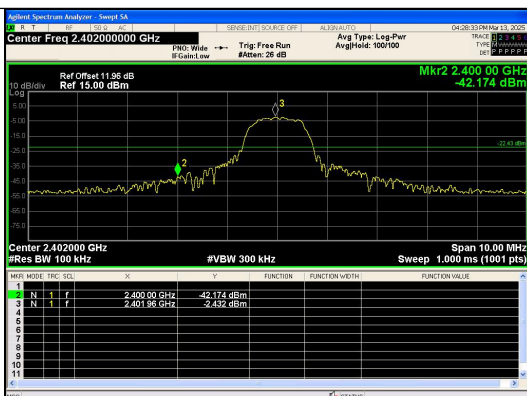
Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 78



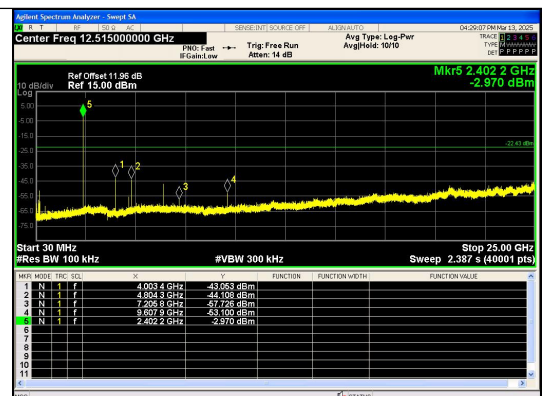
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 78



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