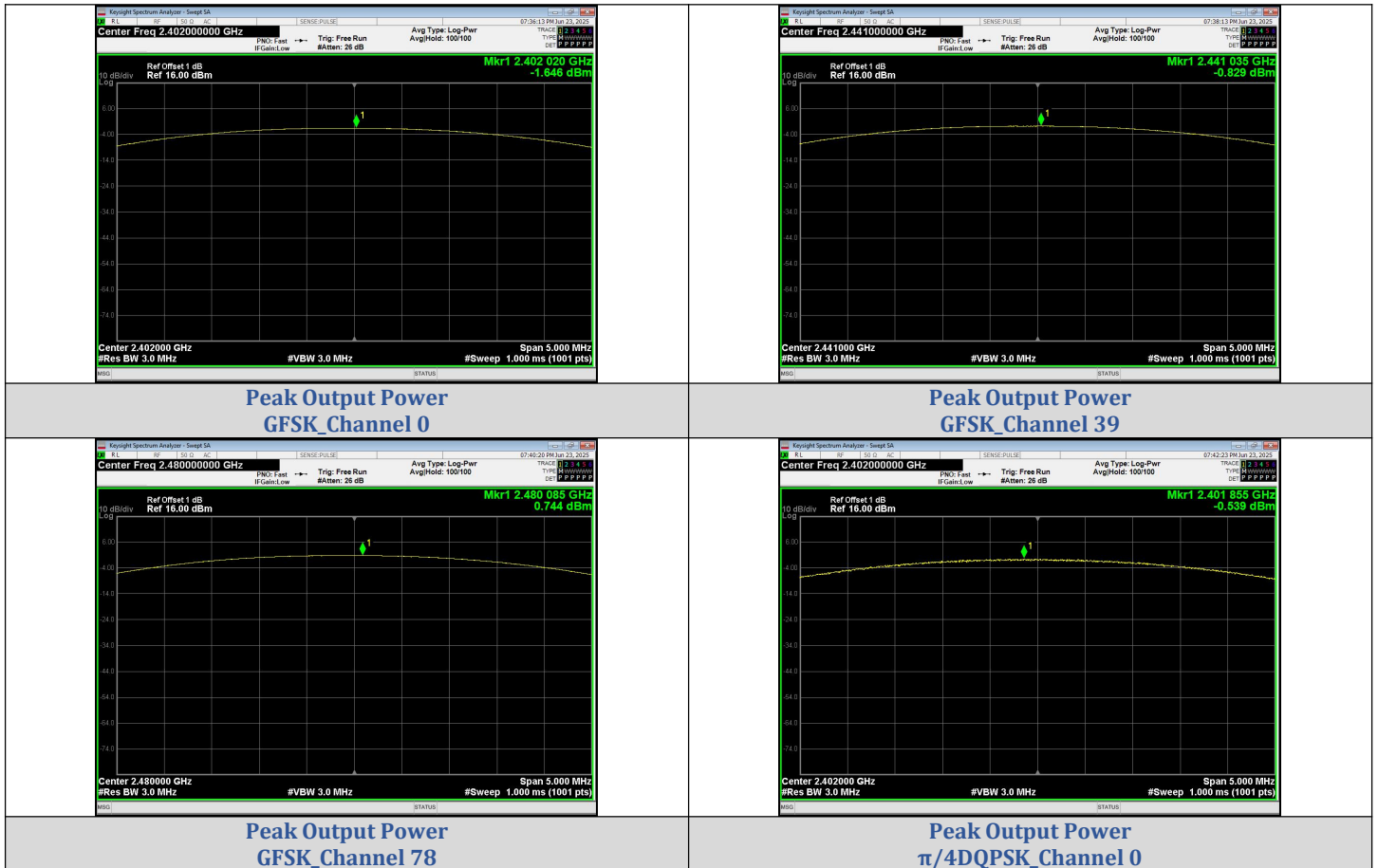


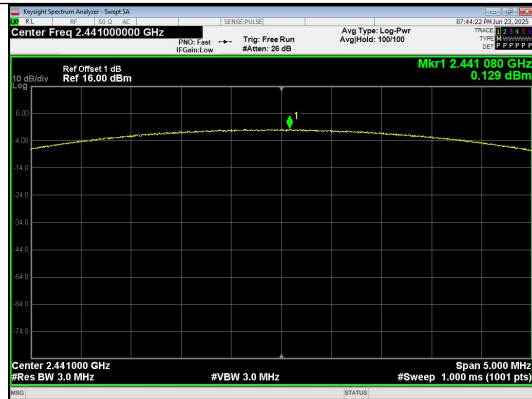
Conducted Output Power

Test Result

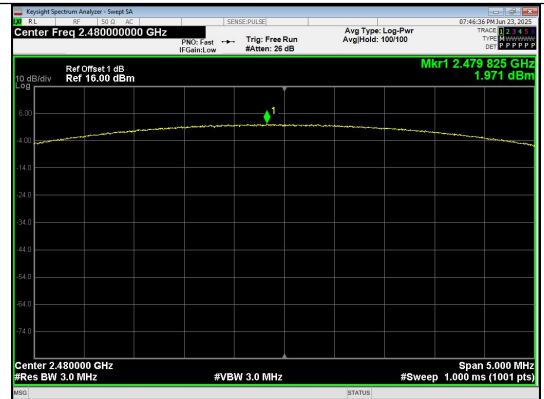
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
GFSK	DH5	0	-1.65	0.68	-2.03	≤30	PASS
		39	-0.83	0.83	-1.15		PASS
		78	0.74	1.19	0.39		PASS
$\pi/4$ DQPSK	2-DH5	0	-0.54	0.88	-4.17	≤20.97	PASS
		39	0.13	1.03	-3.48		PASS
		78	1.97	1.57	-1.62		PASS
8DPSK	3-DH5	0	0.04	1.01	-4.20		PASS
		39	0.83	1.21	-3.40		PASS
		78	2.48	1.77	-1.64		PASS

Test Graphs

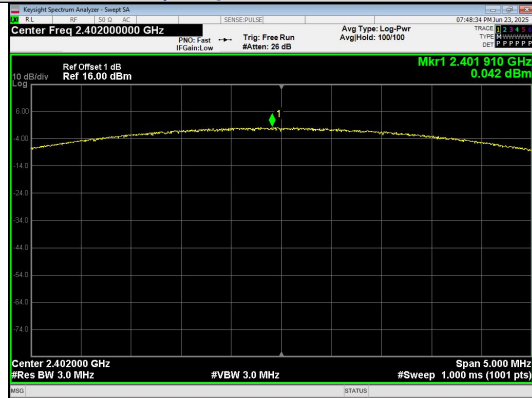




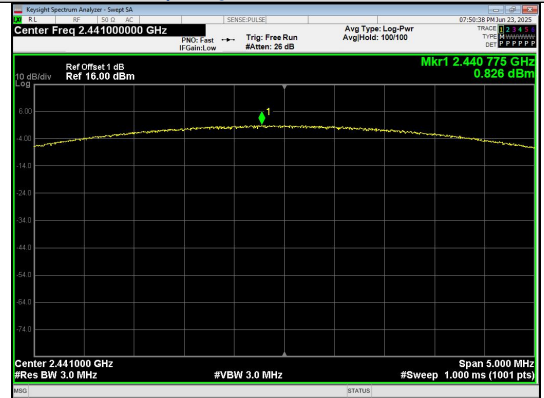
**Peak Output Power
 $\pi/4$ DQPSK_Channel 39**



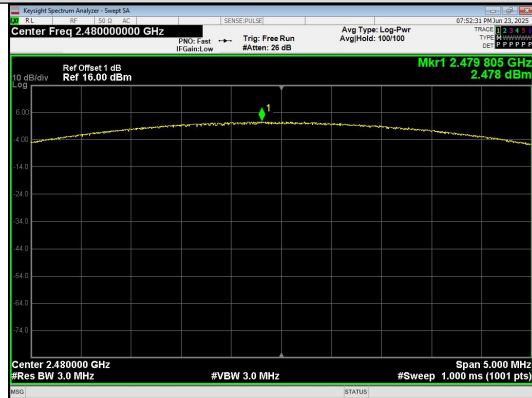
**Peak Output Power
 $\pi/4$ DQPSK_Channel 78**



**Peak Output Power
8DPSK_Channel 0**



**Peak Output Power
8DPSK_Channel 39**



**Peak Output Power
8DPSK_Channel 78**

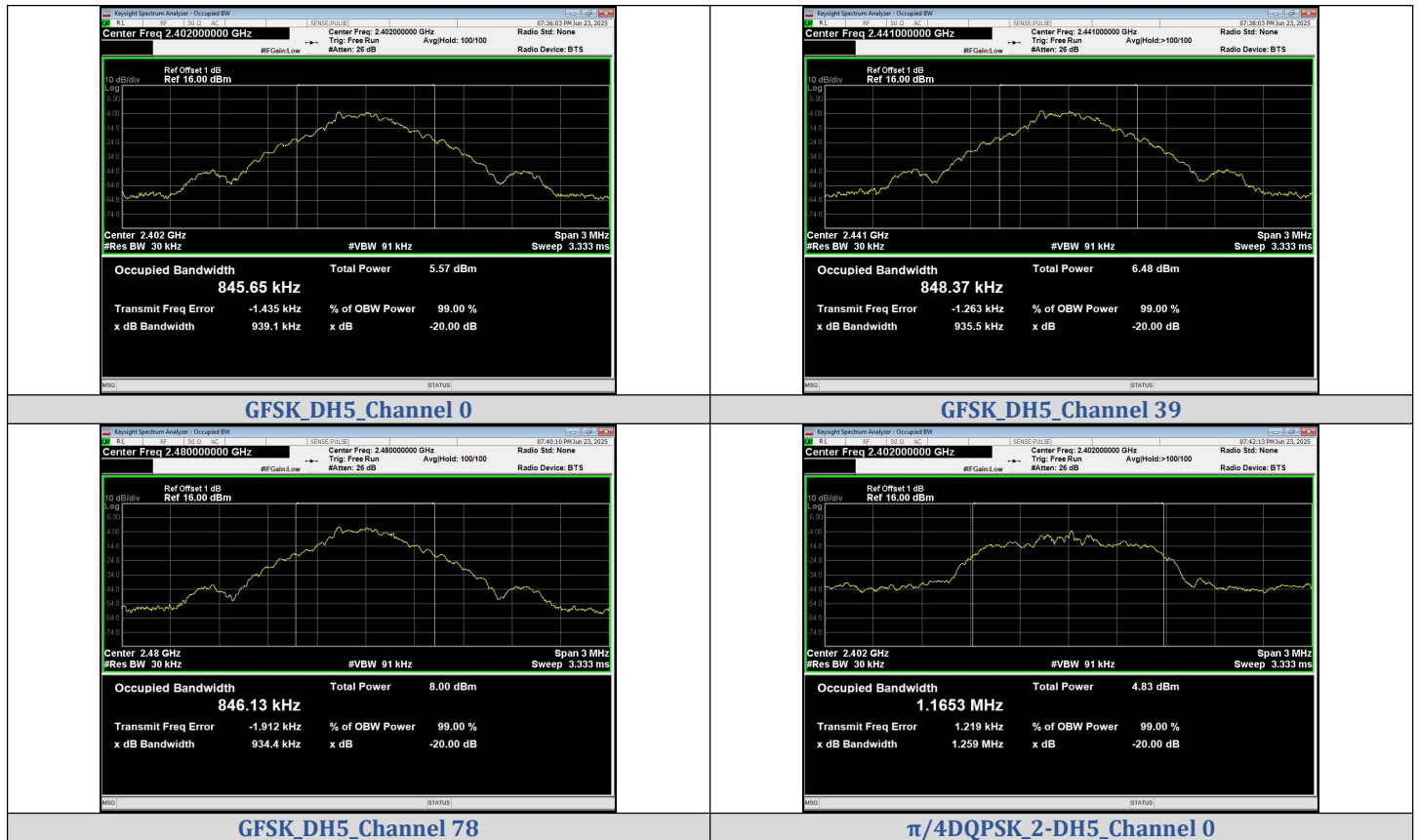


20dB Bandwidth

Test Result

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9391
	39	2441 MHz	0.9355
	78	2480 MHz	0.9344
$\pi/4$ DQPSK	0	2402 MHz	1.259
	39	2441 MHz	1.256
	78	2480 MHz	1.266
8DPSK	0	2402 MHz	1.234
	39	2441 MHz	1.224
	78	2480 MHz	1.229

Test Graphs

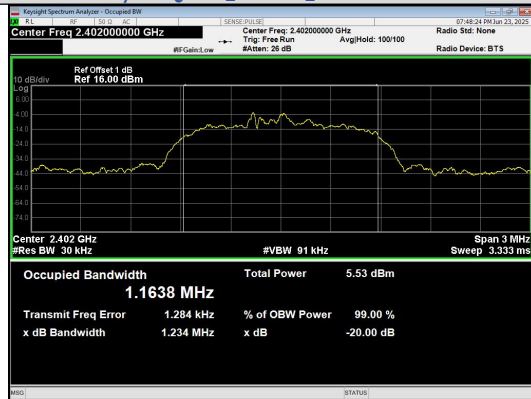




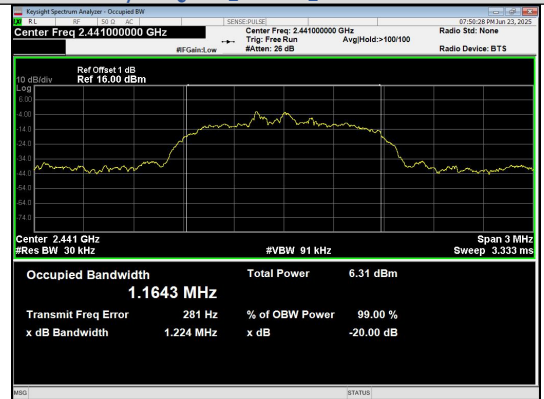
$\pi/4$ DQPSK_2-DH5_Channel 39



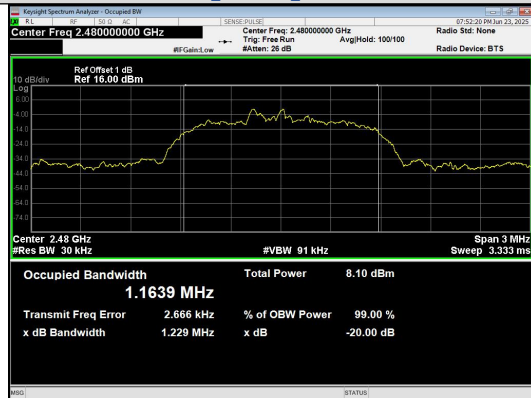
$\pi/4$ DQPSK_2-DH5_Channel 78



8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 78



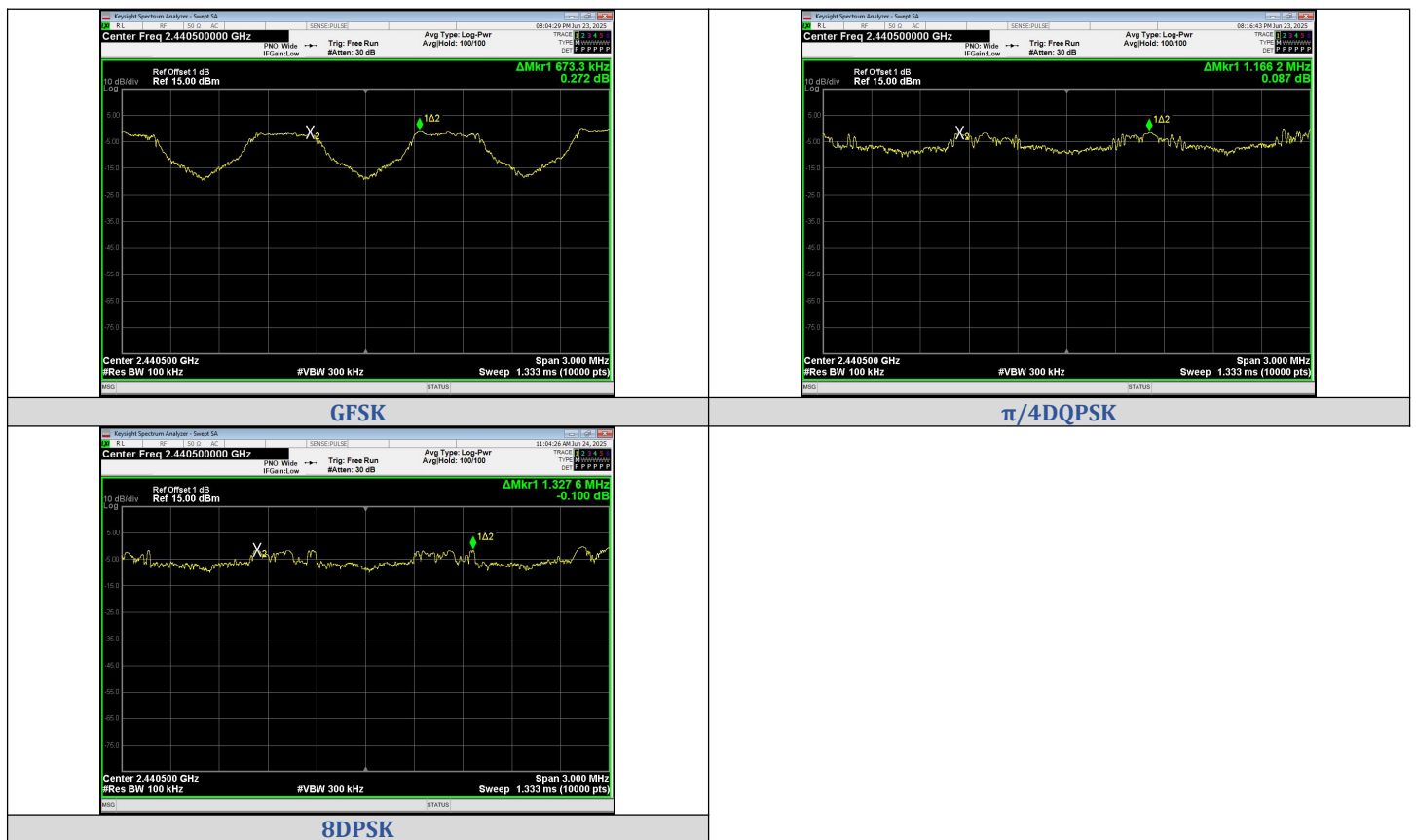
8DPSK_3-DH5_Channel 78

Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.1602	2440.8335	0.6733	0.626	PASS
$\pi/4$ DQPSK	2-DH5	2439.8422	2441.0084	1.1662	0.844	PASS
8DPSK	3-DH5	2439.8338	2441.1614	1.3276	0.823	PASS

Test Graphs



Conducted Out Of Band Emission

Test Result

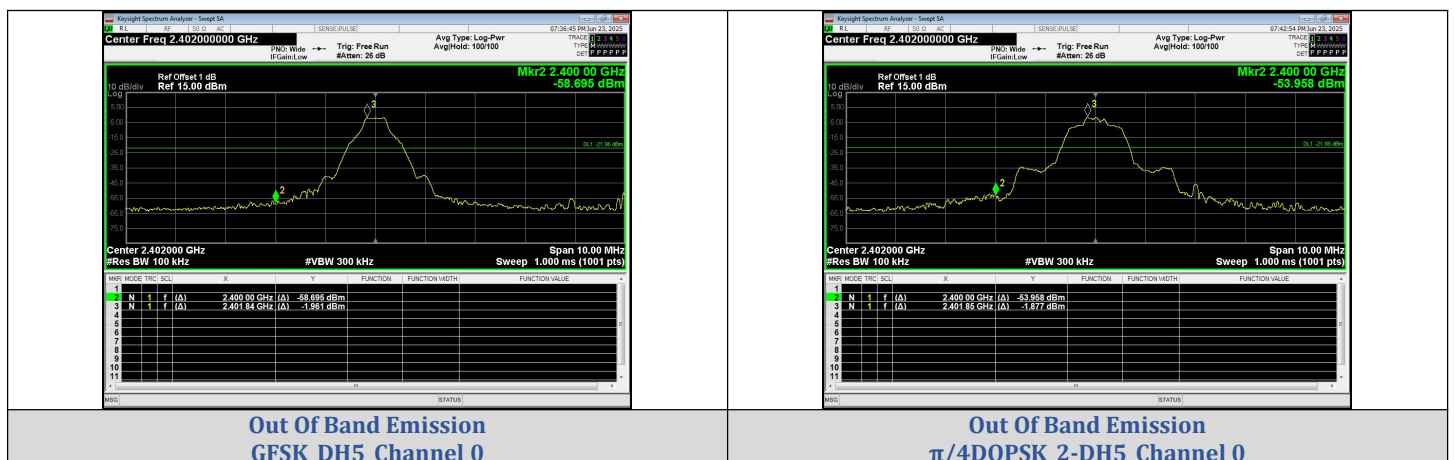
Non-Hopping

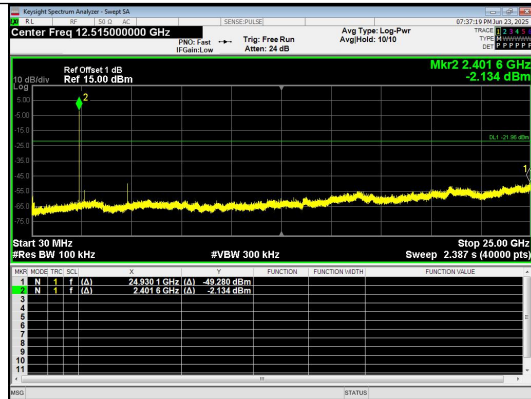
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-58.695	-21.96	-36.735	PASS
			24930.1	-49.280	-21.96	-27.320	PASS
		39	4881.79	-46.654	-21.2	-25.454	PASS
		78	2483.50	-60.666	-19.59	-41.076	PASS
			4959.83	-45.300	-19.59	-25.710	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-53.958	-21.88	-32.078	PASS
			2633.19	-44.217	-21.88	-22.337	PASS
		39	2612.59	-43.810	-21.23	-22.580	PASS
		78	2483.50	-59.160	-19.36	-39.800	PASS
			4960.45	-48.469	-19.36	-29.109	PASS
8DPSK	3-DH5	0	2400.00	-51.742	-21.95	-29.792	PASS
			4803.76	-49.019	-21.95	-27.069	PASS
		39	24970.7	-49.969	-21.12	-28.849	PASS
		78	2483.50	-56.520	-19.4	-37.120	PASS
			4959.83	-49.346	-19.4	-29.946	PASS

Hopping

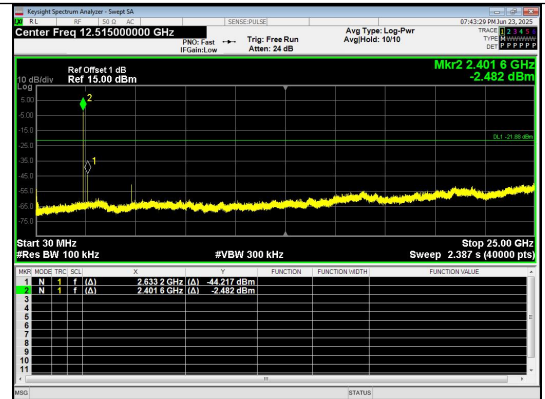
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2400.00	-59.350	-21.97	-37.380	PASS
			2483.50	-60.648	-19.45	-41.198	PASS
$\pi/4$ DQPSK	2-DH5		2400.00	-57.079	-22.02	-35.059	PASS
			2483.50	-61.542	-19.55	-41.992	PASS
8DPSK	3-DH5		2400.00	-52.377	-22.01	-30.367	PASS
			2483.50	-55.715	-19.47	-36.245	PASS

Test Graphs

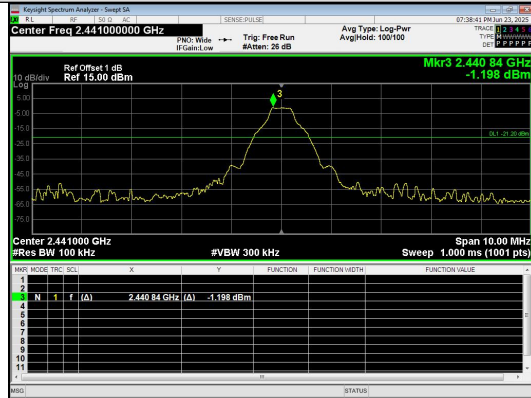




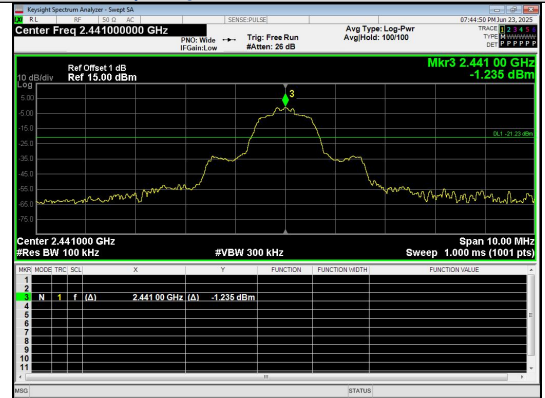
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 0



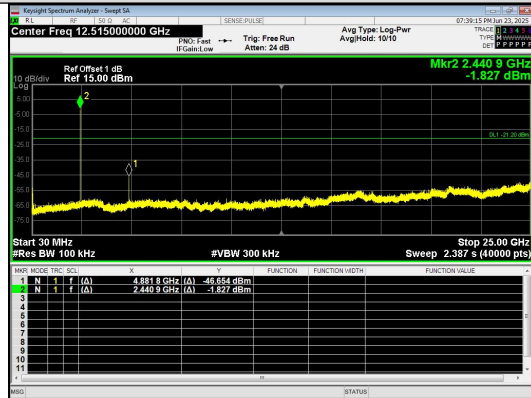
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 0



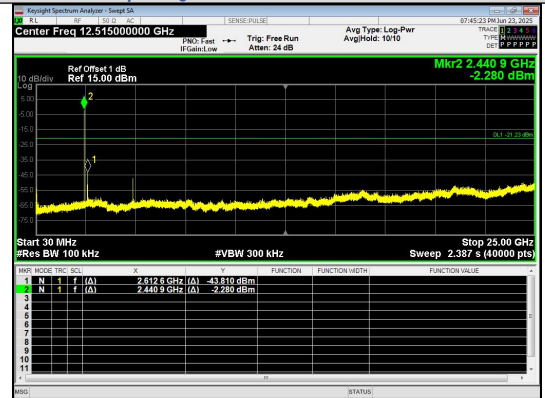
Out Of Band Emission
GFSK_DH5_Channel 39



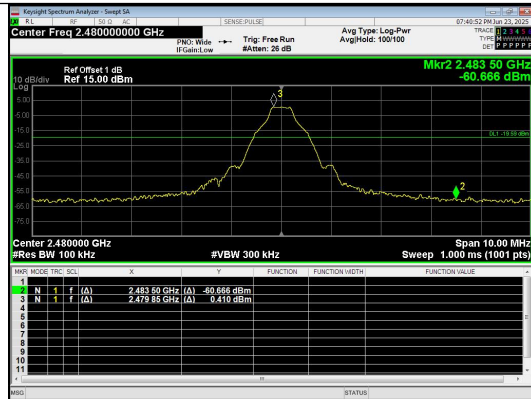
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39



30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



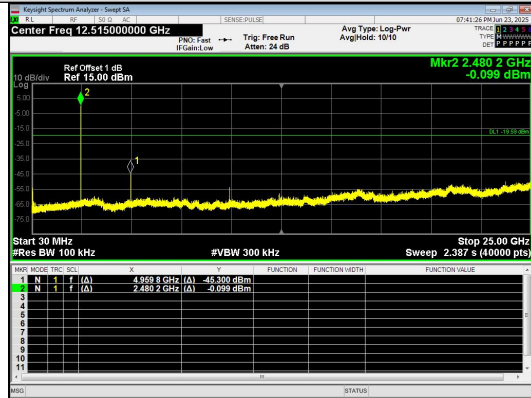
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39



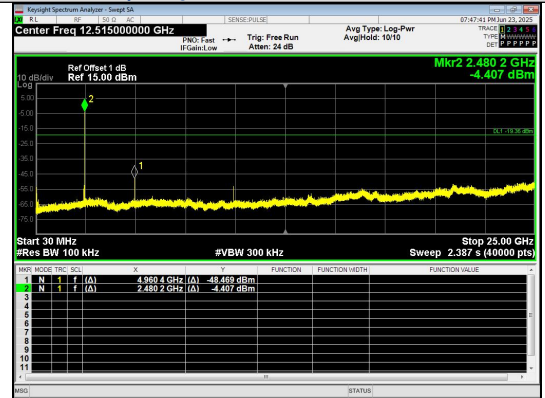
Out Of Band Emission
GFSK_DH5_Channel 78



Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



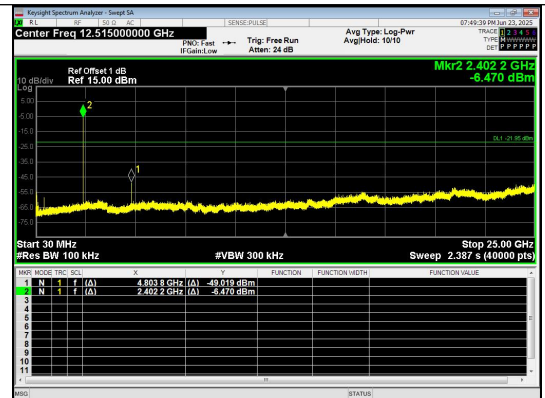
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78



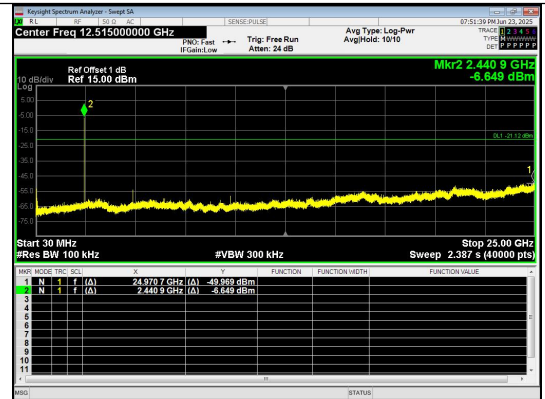
Out Of Band Emission
8DPSK_3-DH5_Channel 0



30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



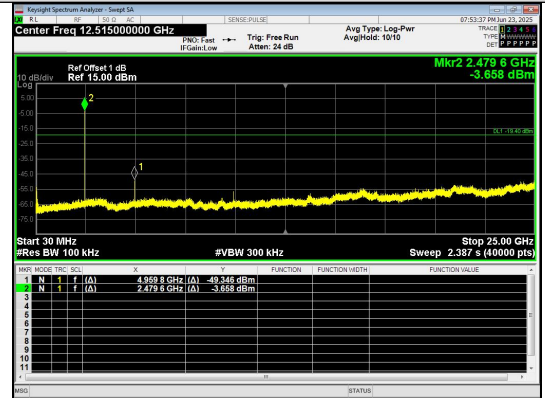
Out Of Band Emission
8DPSK_3-DH5_Channel 39



30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39



Out Of Band Emission
8DPSK_3-DH5_Channel 78



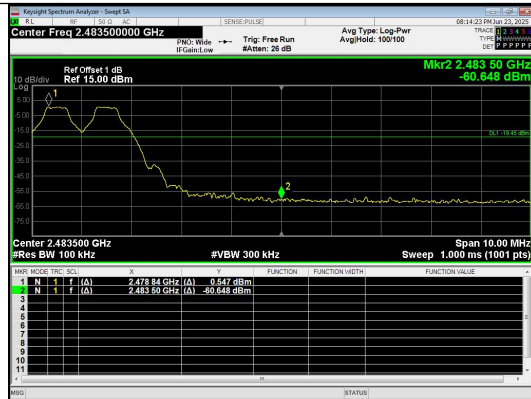
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78



Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Left)
8DPSK_3-DH5_Channel Hopping



Out Of Band Emission(Right)
8DPSK_3-DH5_Channel Hopping