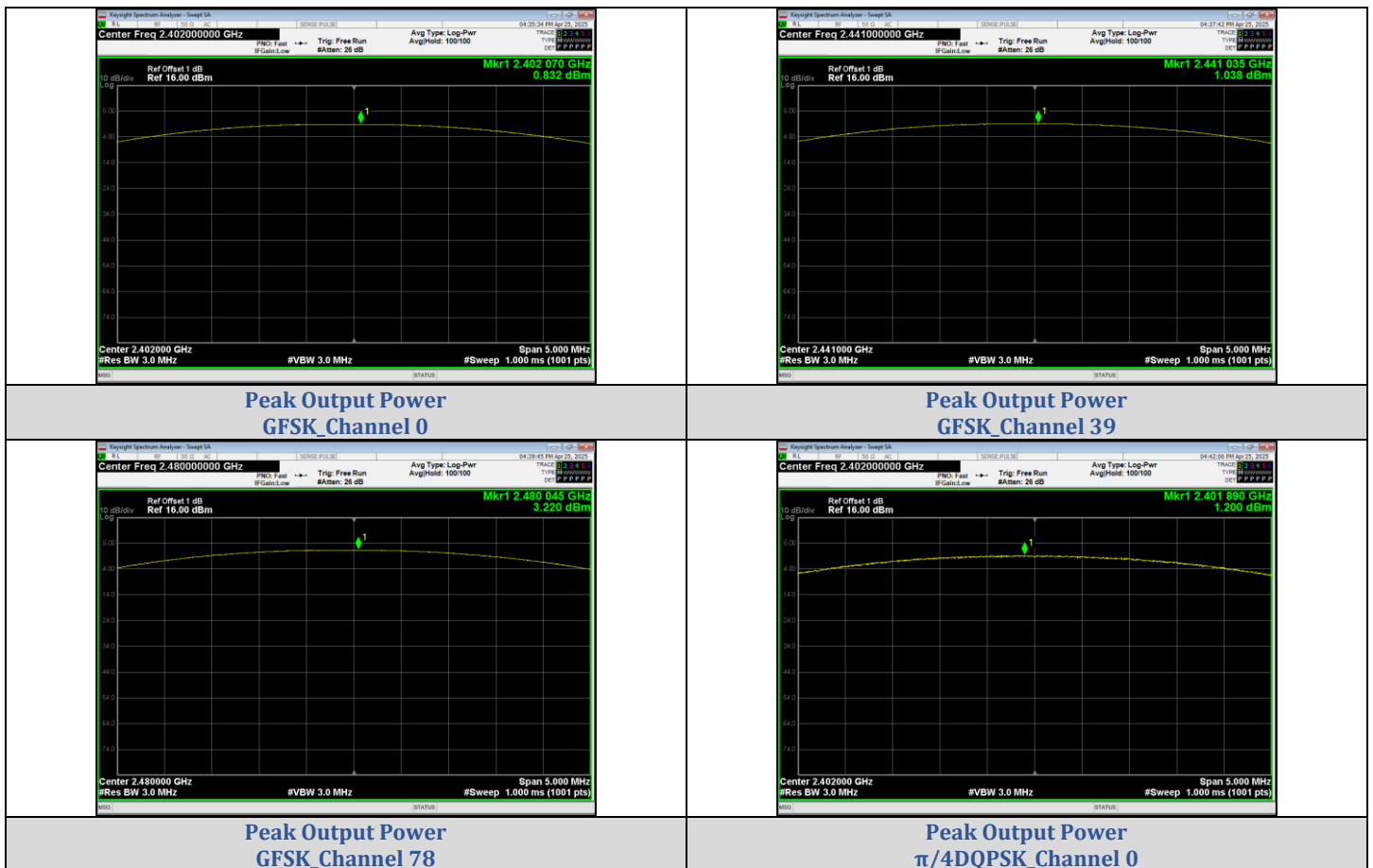


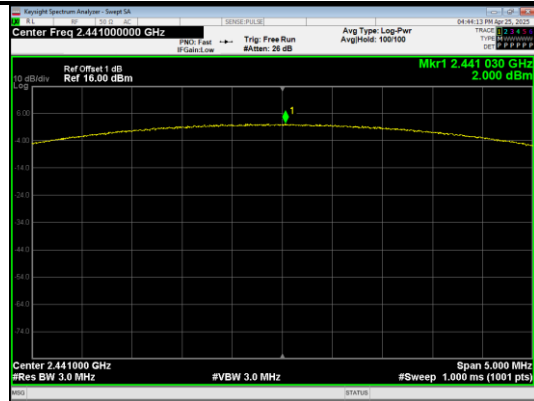
Conducted Output Power

Test Result

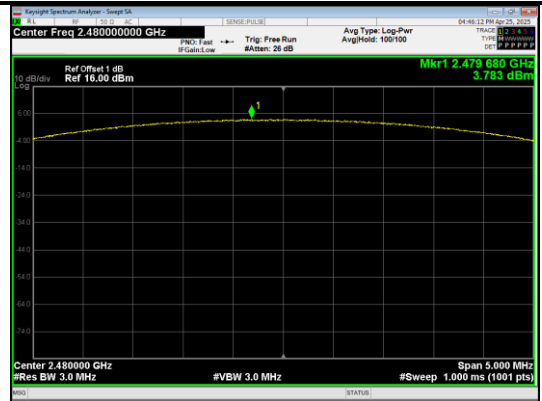
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
GFSK	DH5	0	0.83	1.21	≤30	PASS
		39	1.04	1.27		PASS
		78	3.22	2.10		PASS
$\pi/4$ DQPSK	2-DH5	0	1.20	1.32	≤20.97	PASS
		39	2.00	1.58		PASS
		78	3.78	2.39		PASS
8DPSK	3-DH5	0	1.81	1.52		PASS
		39	2.68	1.85		PASS
		78	4.36	2.73		PASS

Test Graphs

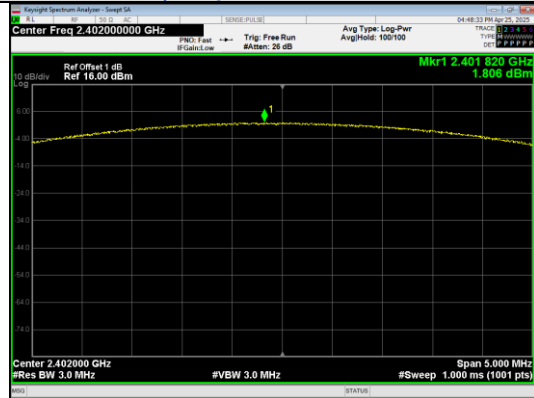




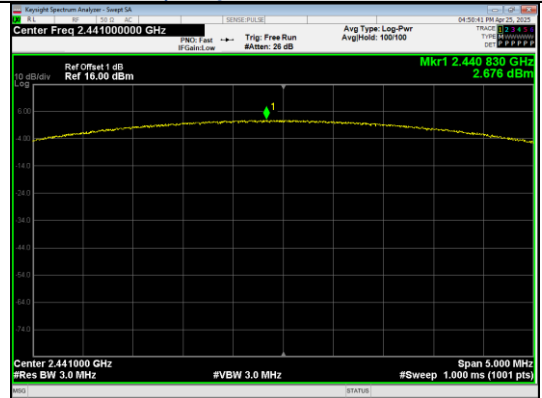
Peak Output Power
 $\pi/4$ DQPSK_Channel 39



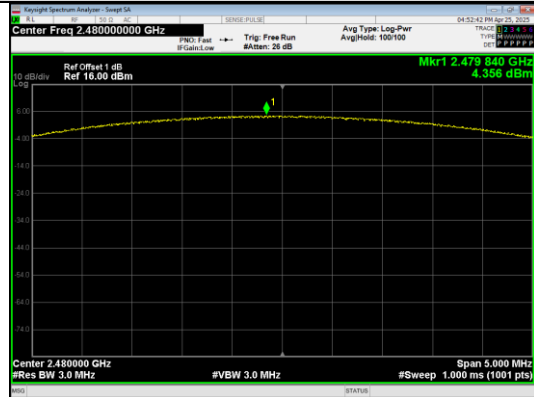
Peak Output Power
 $\pi/4$ DQPSK_Channel 78



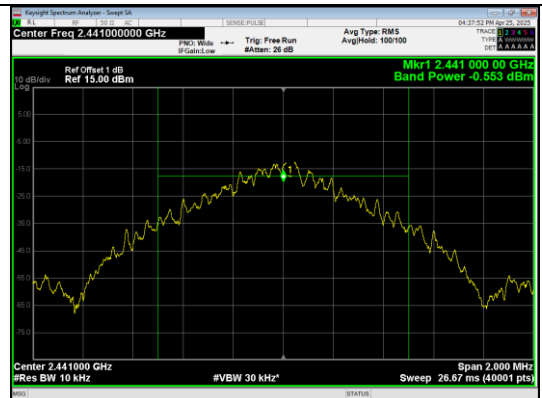
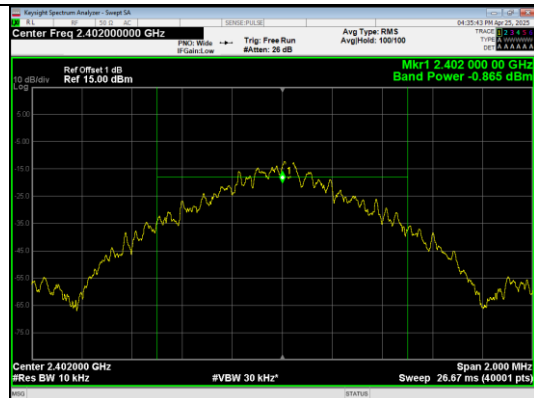
Peak Output Power
8DPSK_Channel 0



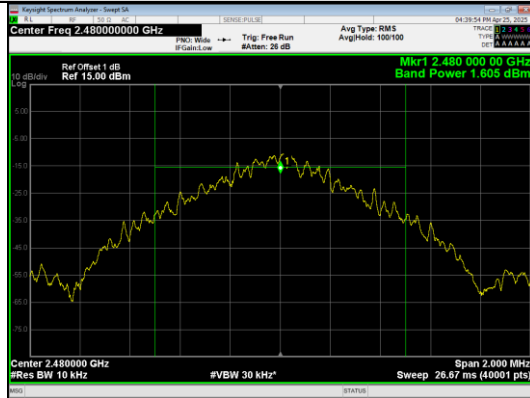
Peak Output Power
8DPSK_Channel 39



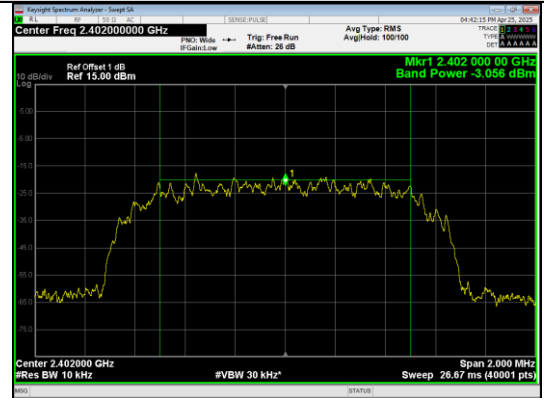
Peak Output Power
8DPSK_Channel 78



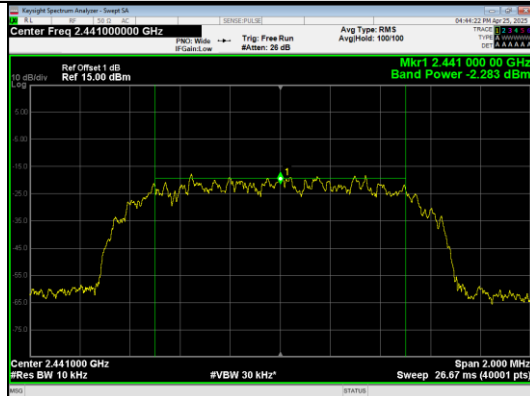
Average Output Power GFSK_Channel 0



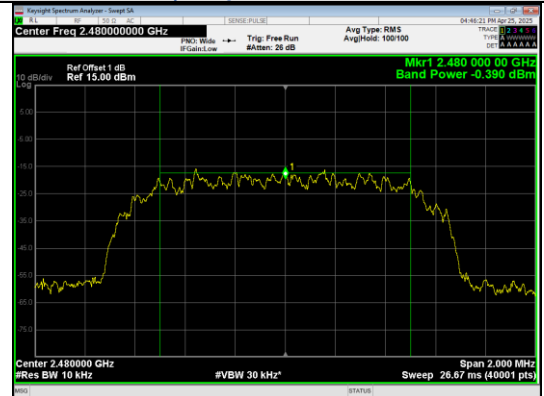
Average Output Power GFSK_Channel 39



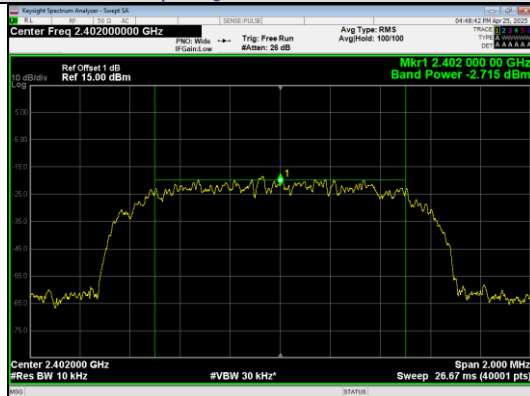
Average Output Power GFSK_Channel 78



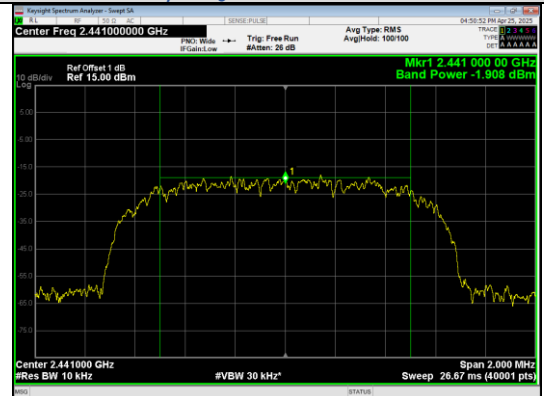
Average Output Power $\pi/4$ DQPSK_Channel 0



Average Output Power $\pi/4$ DQPSK_Channel 39



Average Output Power $\pi/4$ DQPSK_Channel 78



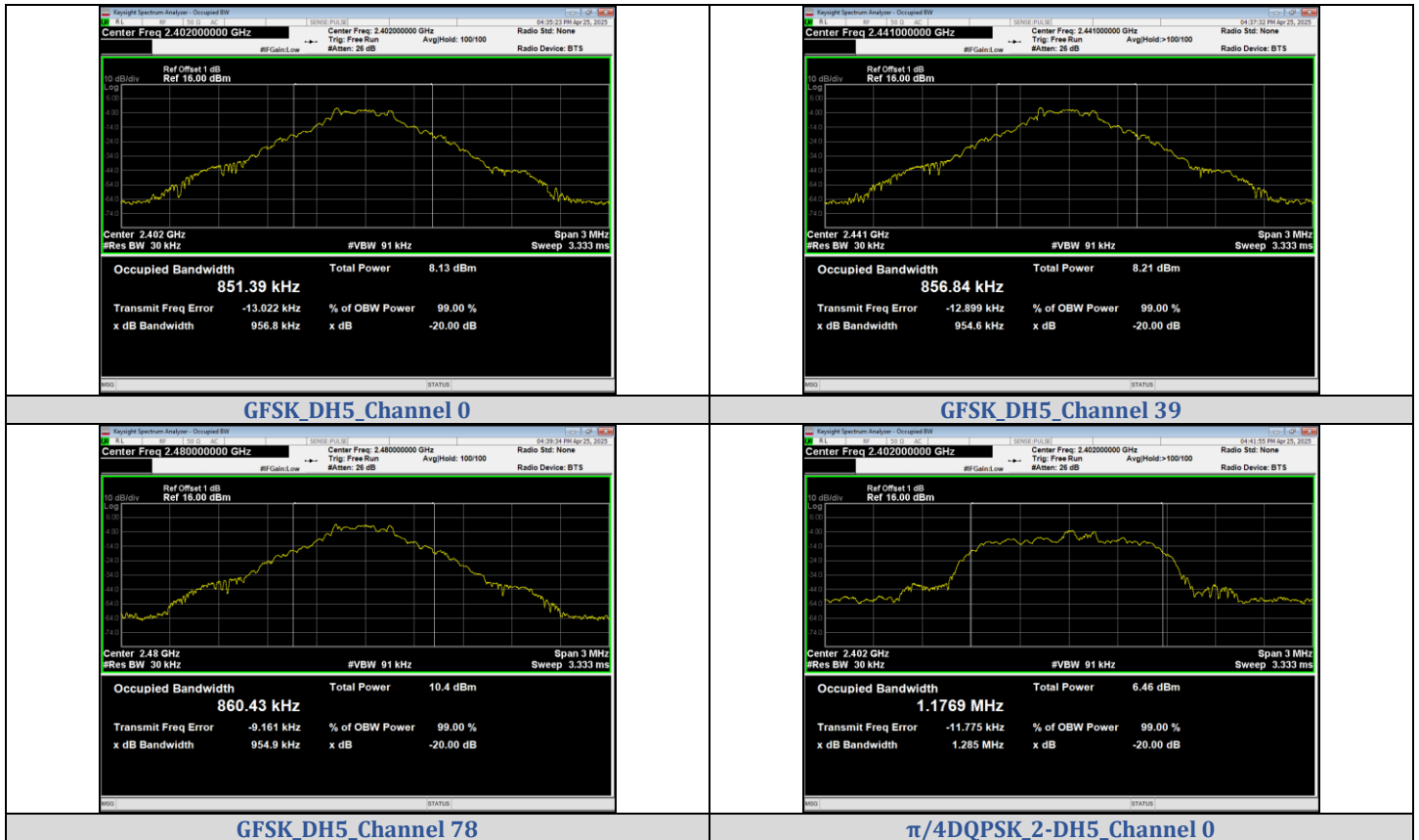
Average Output Power 8DPSK_Channel 0

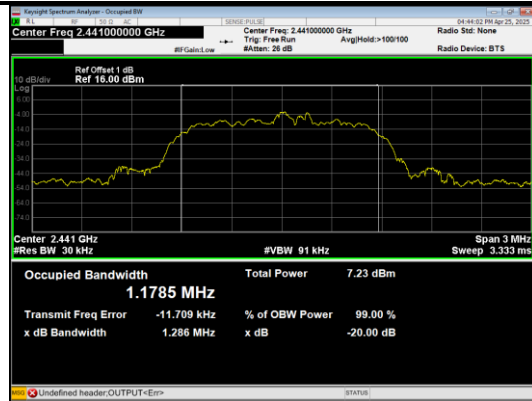
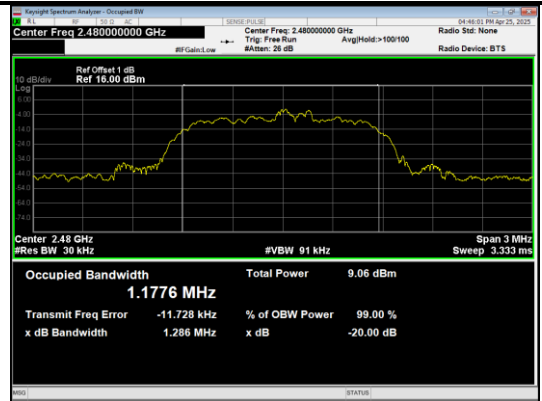
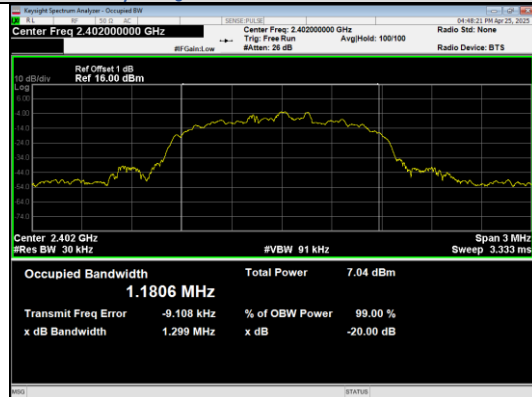


Average Output Power 8DPSK_Channel 39

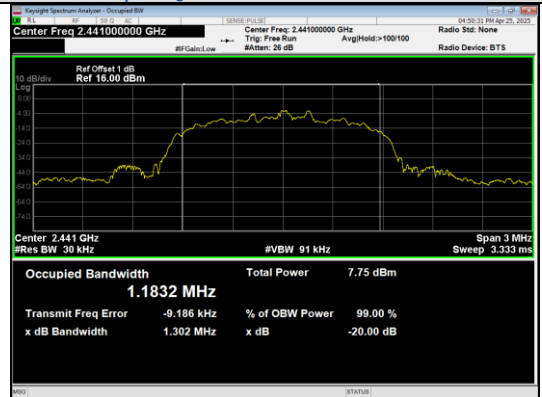
**Average Output Power
8DPSK_Channel 78****20dB Bandwidth****Test Result**

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9568
	39	2441 MHz	0.9546
	78	2480 MHz	0.9549
$\pi/4$ DQPSK	0	2402 MHz	1.285
	39	2441 MHz	1.286
	78	2480 MHz	1.286
8DPSK	0	2402 MHz	1.299
	39	2441 MHz	1.302
	78	2480 MHz	1.302

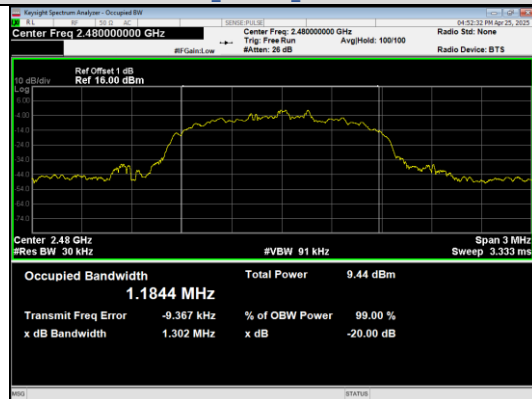
Test Graphs


 $\pi/4$ DQPSK 2-DH5_Channel 39

 $\pi/4$ DQPSK 2-DH5_Channel 78


8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 78



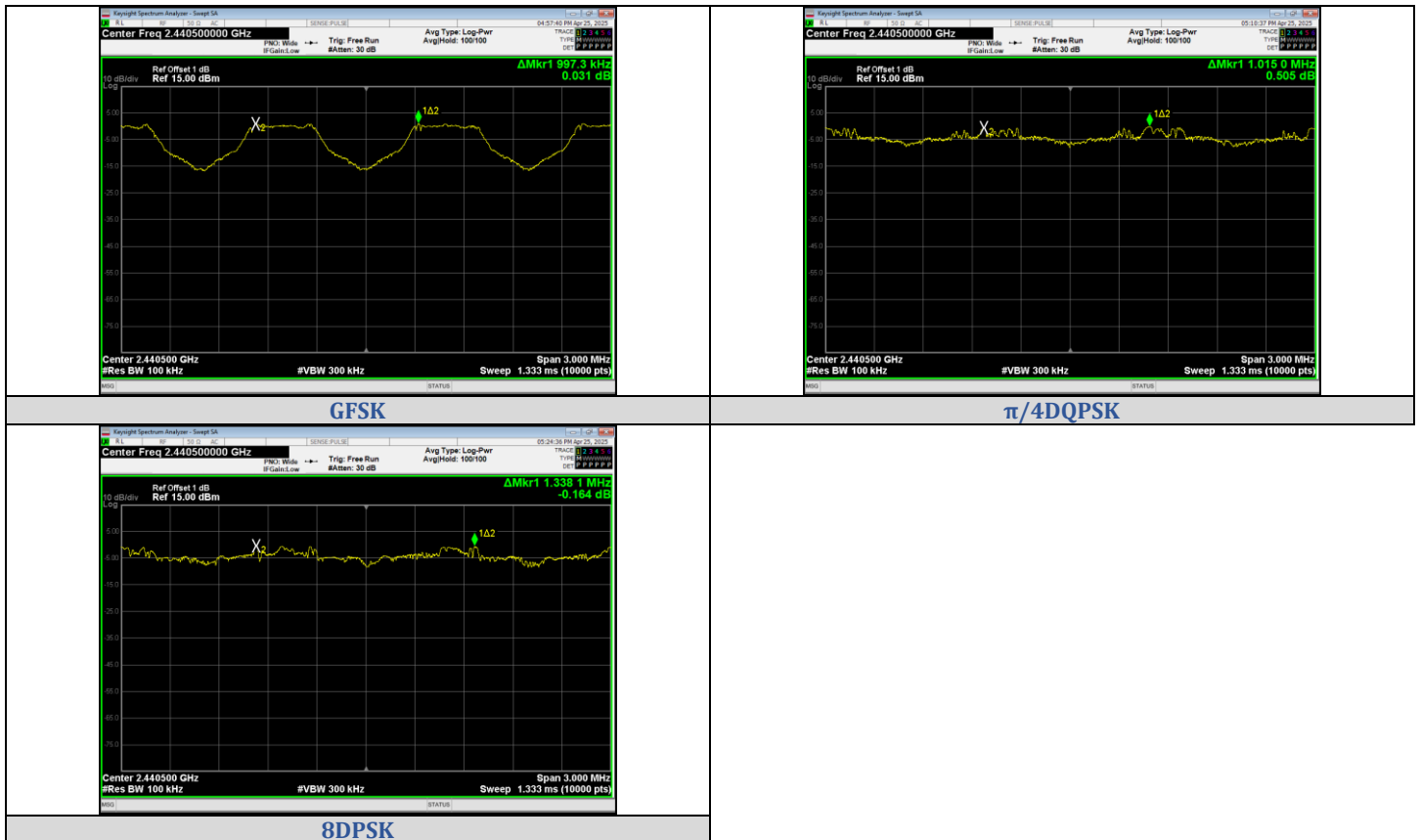
8DPSK_3-DH5_Channel 78

Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.823	2440.8203	0.9973	0.638	PASS
$\pi/4$ DQPSK	2-DH5	2439.9721	2440.9871	1.0150	0.857	PASS
8DPSK	3-DH5	2439.826	2441.1641	1.3381	0.868	PASS

Test Graphs

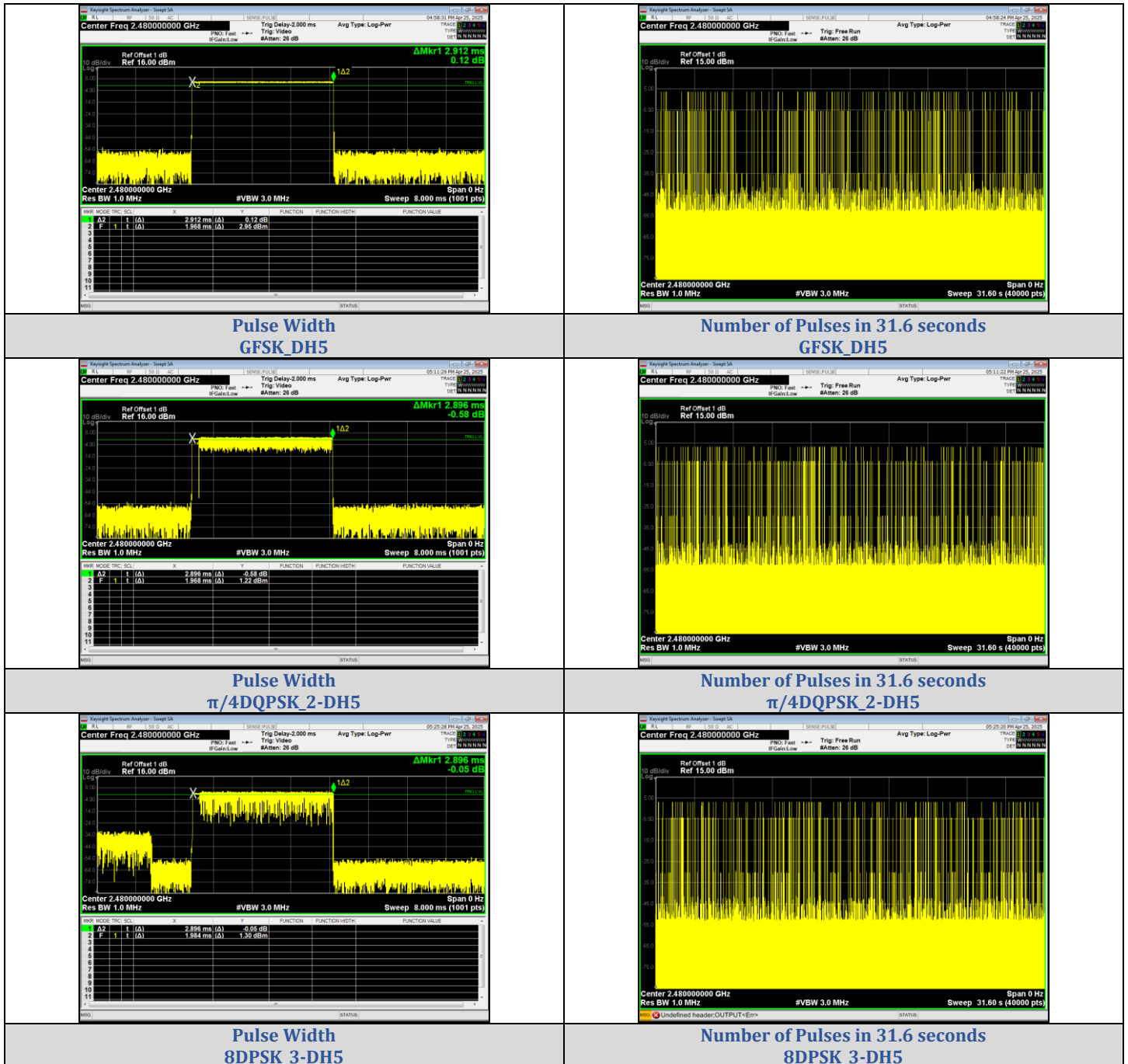


Dwell Time

Test Result

Modulation	Packet	Channel	Pulse Width (ms)	Number of Pulses in 31.6 seconds	Dwell Time (ms)	Limit (ms)	Result
GFSK	DH5	CH78 (2480MHz)	2.912	98	285.38	< 400	PASS
$\pi/4$ DQPSK	2-DH5		2.896	114	330.14		PASS
8DPSK	3-DH5		2.896	107	309.87		PASS

Test Graphs

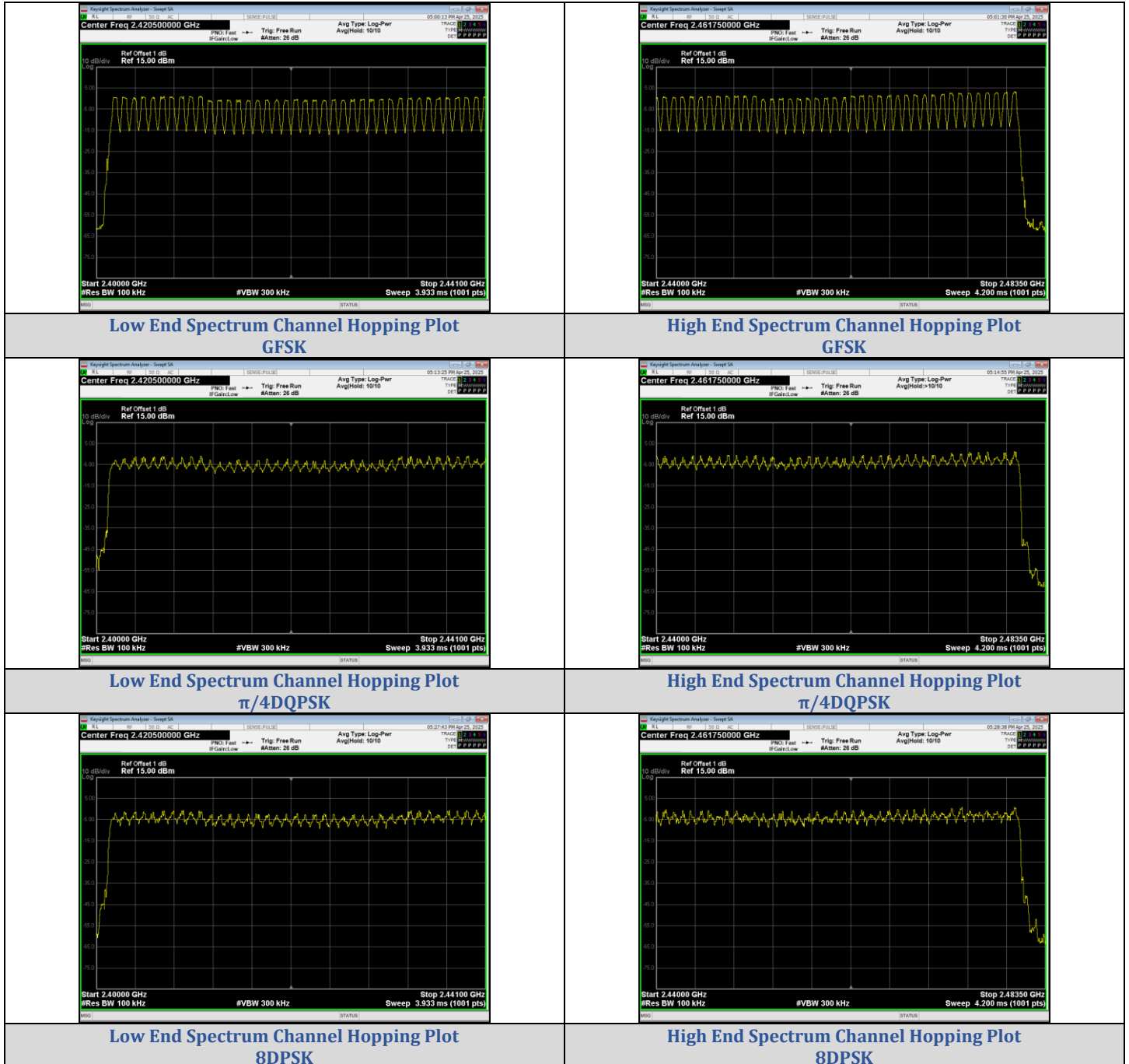


Number Of Hopping Channel

Test Result

Modulation	Packet	Number of Hopping Channel	Limit	Result
GFSK	DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS

Test Graphs



Conducted Out of Band Emission

Test Result

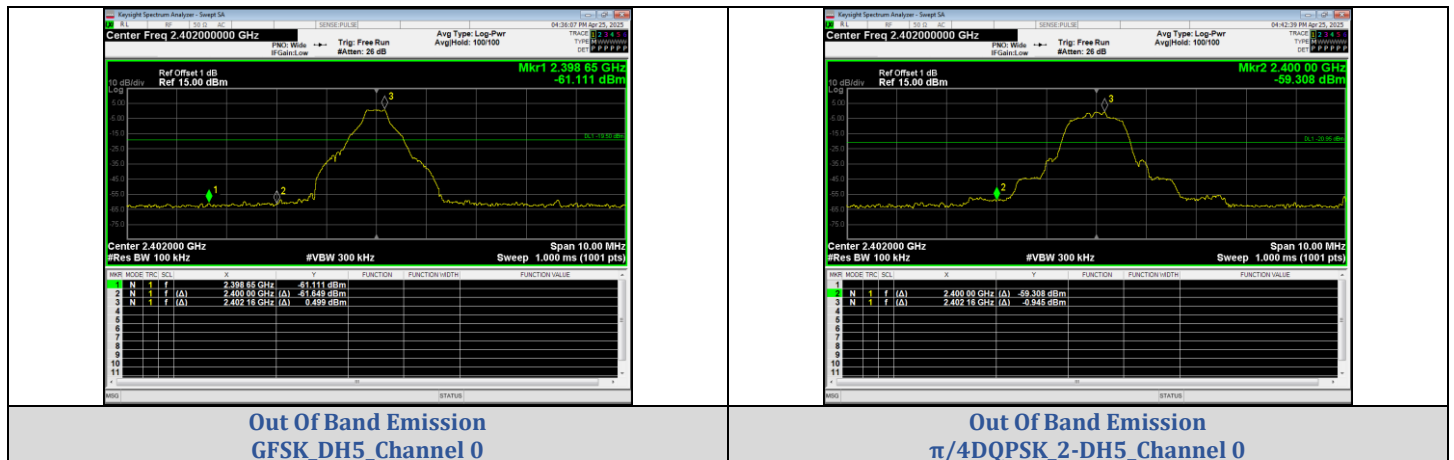
Non-Hopping

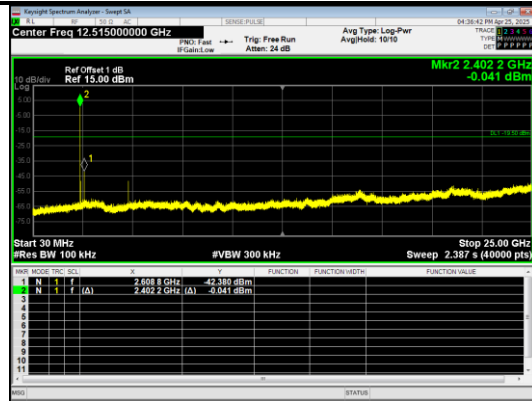
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2398.65	-61.111	-19.5	-41.611	PASS
			2400.00	-61.649	-19.5	-42.149	PASS
			2608.80	-42.380	-19.5	-22.880	PASS
		39	24389.5	-49.927	-19.29	-30.637	PASS
		78	2483.50	-60.689	-17.1	-43.589	PASS
			24282.1	-49.144	-17.1	-32.044	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-59.308	-20.95	-38.358	PASS
			24325.8	-49.132	-20.95	-28.182	PASS
		39	24934.5	-49.840	-20.27	-29.570	PASS
		78	2483.50	-59.961	-18.33	-41.631	PASS
			24998.1	-50.079	-18.33	-31.749	PASS
		78	24998.1	-50.079	-18.33	-31.749	PASS
8DPSK	3-DH5	0	2400.00	-58.640	-20.59	-38.050	PASS
			24855.8	-49.525	-20.59	-28.935	PASS
		39	2527.69	-44.194	-19.85	-24.343	PASS
		78	2483.50	-61.107	-17.96	-43.147	PASS
			2610.71	-32.739	-17.96	-14.779	PASS
		78	2610.71	-32.739	-17.96	-14.779	PASS

Hopping

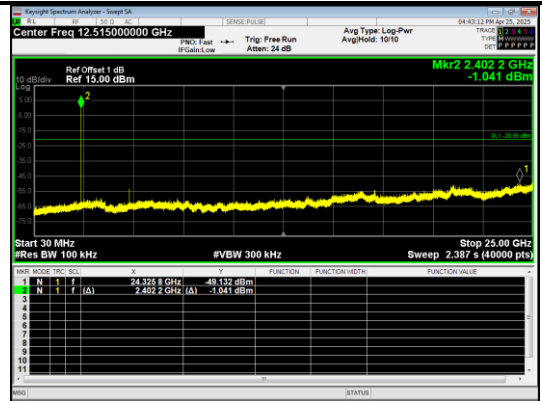
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.96	-59.989	-19.1	-40.889	PASS
			2400.00	-61.995	-19.1	-42.895	PASS
			2483.50	-62.216	-16.95	-45.266	PASS
π/4DQPSK	2-DH5		2400.00	-59.235	-21.4	-37.835	PASS
			2483.50	-48.646	-18.95	-29.696	PASS
8DPSK	3-DH5		2400.00	-59.979	-21.34	-38.639	PASS
			2483.50	-62.615	-18.98	-43.635	PASS

Test Graphs

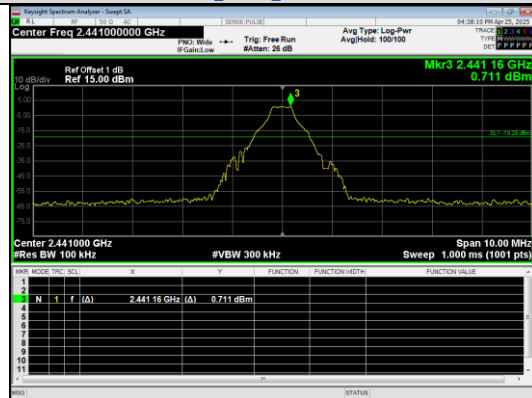




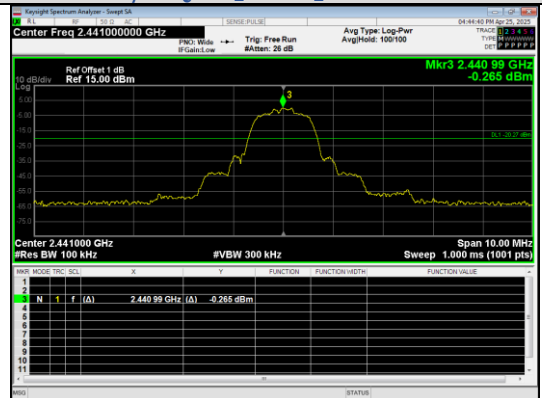
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 0



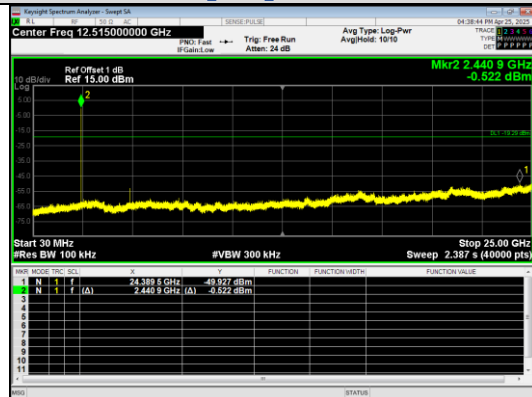
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 0



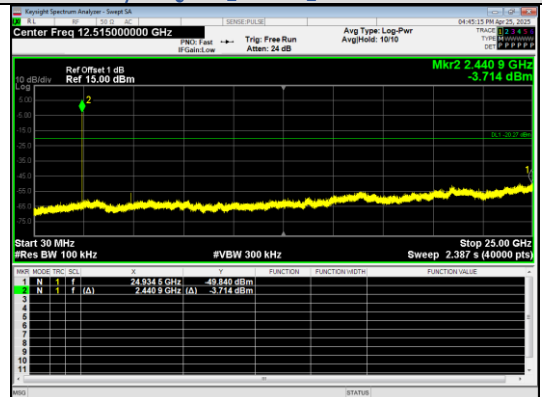
Out Of Band Emission
GFSK_DH5_Channel 39



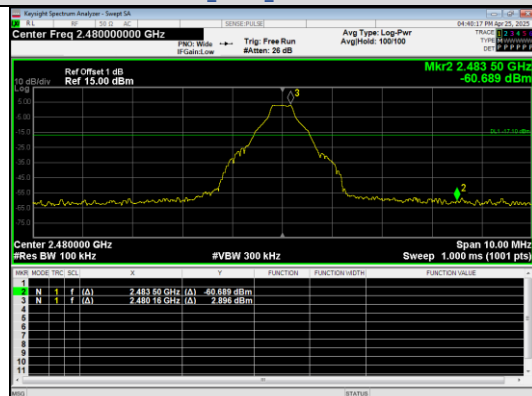
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39



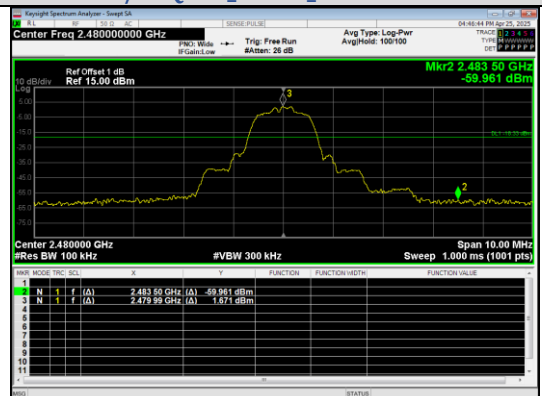
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



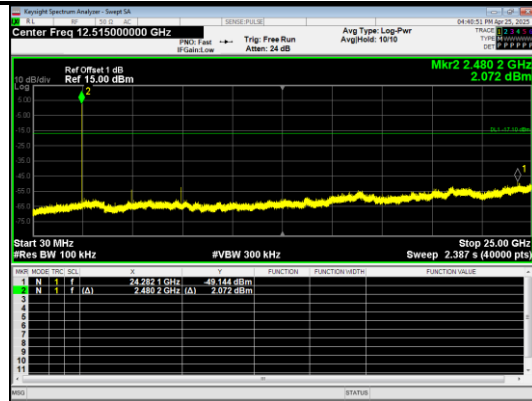
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39



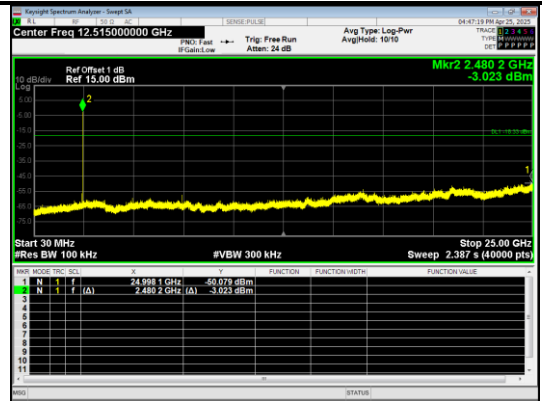
Out Of Band Emission
GFSK_DH5_Channel 78



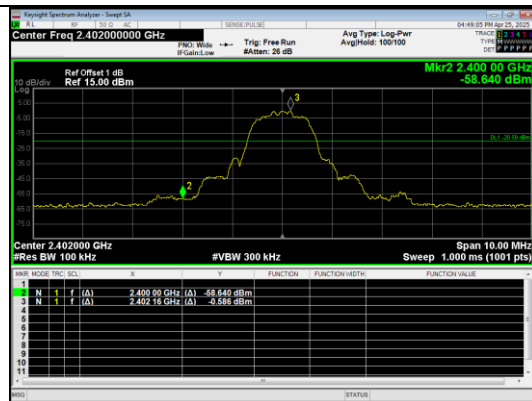
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



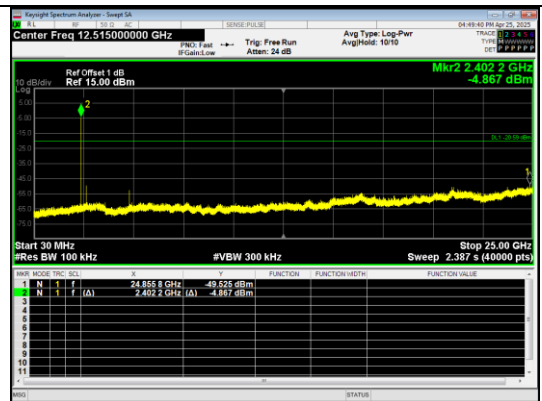
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



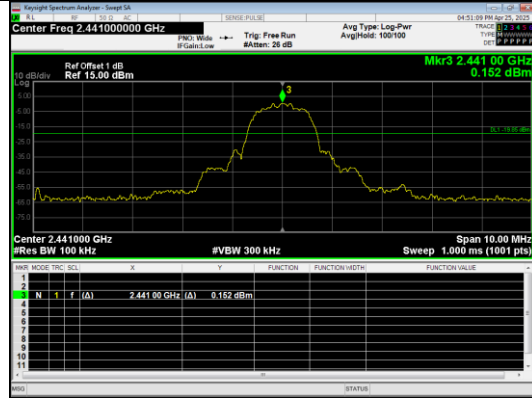
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78



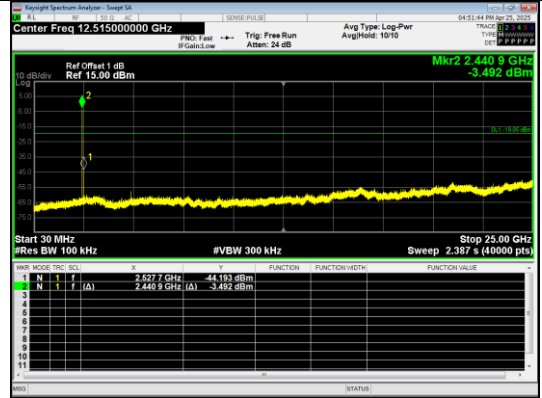
Out Of Band Emission
8DPSK_3-DH5_Channel 0



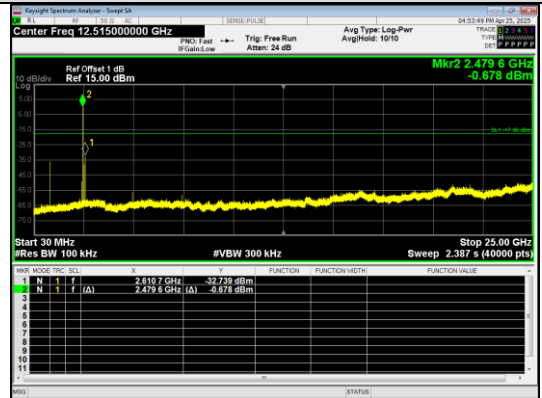
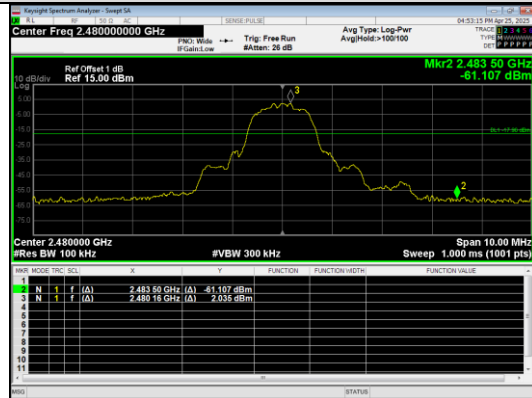
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0

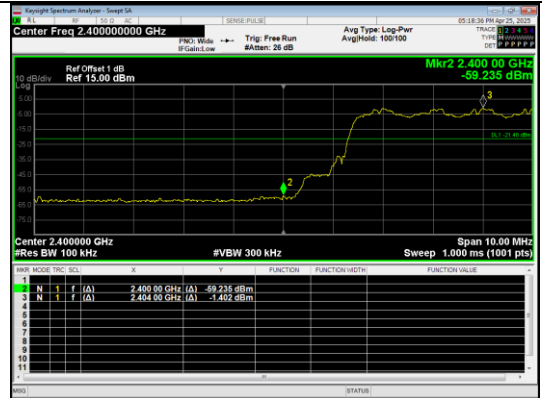
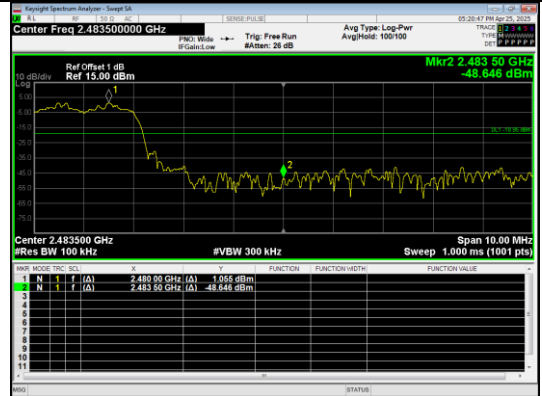
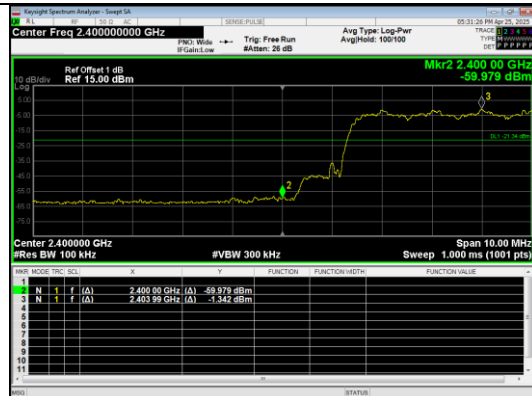


Out Of Band Emission
8DPSK_3-DH5_Channel 39



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(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**

***** End of Report *****