



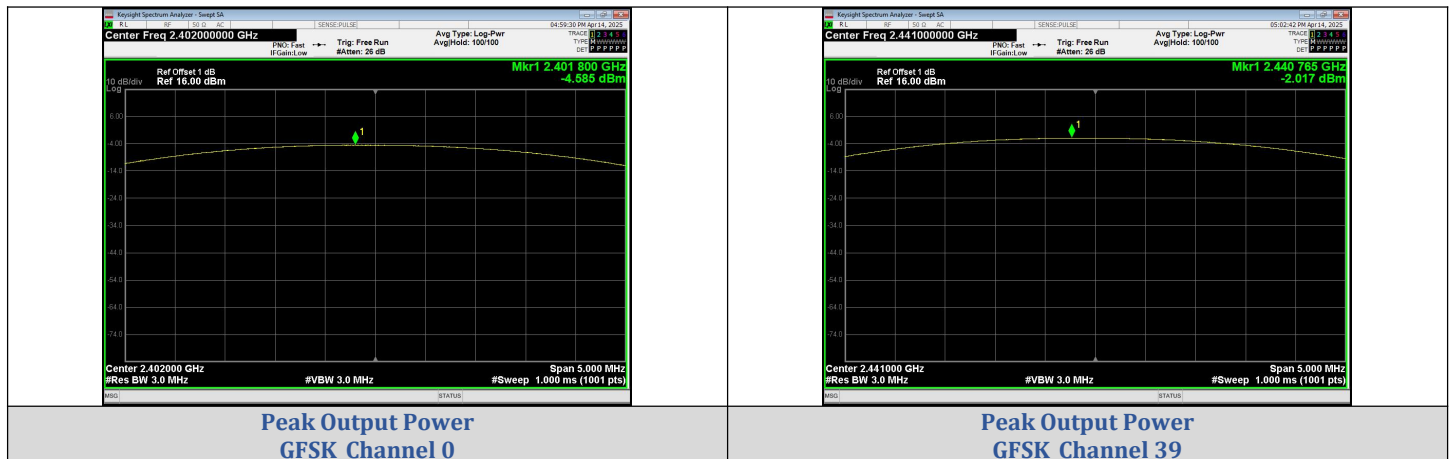
Conducted Output Power

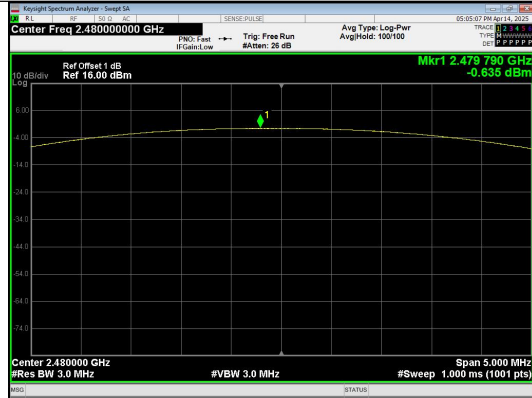
Test Result

Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
GFSK	DH5	0	-4.58	0.35	-5.00	≤30	PASS
		39	-2.02	0.63	-2.42		PASS
		78	-0.64	0.86	-1.07		PASS
$\pi/4$ DQPSK	2-DH5	0	-3.60	0.44	-6.72	≤20.97	PASS
		39	-0.57	0.88	-3.65		PASS
		78	0.89	1.23	-2.24		PASS
8DPSK	3-DH5	0	-2.35	0.58	-5.77		PASS
		39	0.16	1.04	-3.13		PASS
		78	1.47	1.40	-1.91		PASS

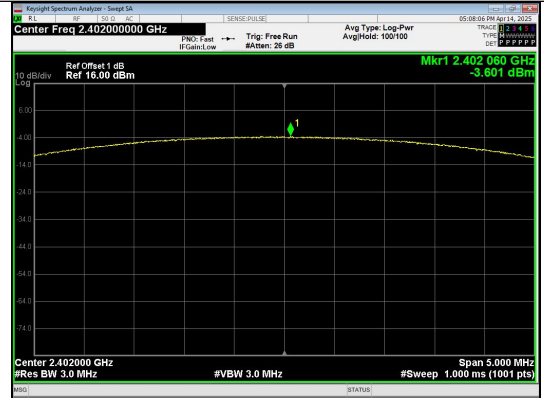
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Power Limit (dBm)	ISED EIRP (dBm)	ISED EIRP Limit (dBm)	Max. Avg. Power (dBm)	Result
GFSK	DH5	0	-4.58	≤30	-5.585	≤36.02	-5.00	PASS
		39	-2.02	≤30	-3.017	≤36.02	-2.42	PASS
		78	-0.64	≤30	-1.635	≤36.02	-1.07	PASS
$\pi/4$ DQPSK	2-DH5	0	-3.60	≤20.97	-4.601	≤36.02	-6.72	PASS
		39	-0.57	≤20.97	-1.569	≤36.02	-3.65	PASS
		78	0.89	≤20.97	-0.112	≤36.02	-2.24	PASS
8DPSK	3-DH5	0	-2.35	≤20.97	-3.352	≤36.02	-5.77	PASS
		39	0.16	≤20.97	-0.836	≤36.02	-3.13	PASS
		78	1.47	≤20.97	0.465	≤36.02	-1.91	PASS

Test Graphs

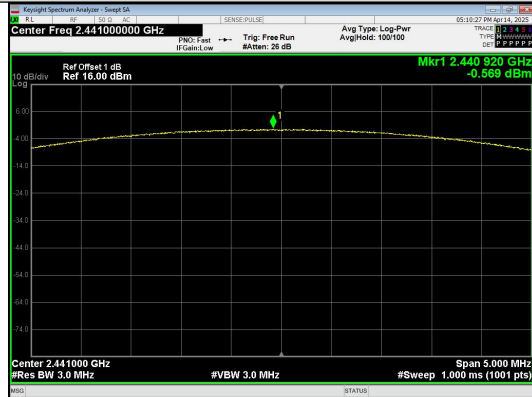




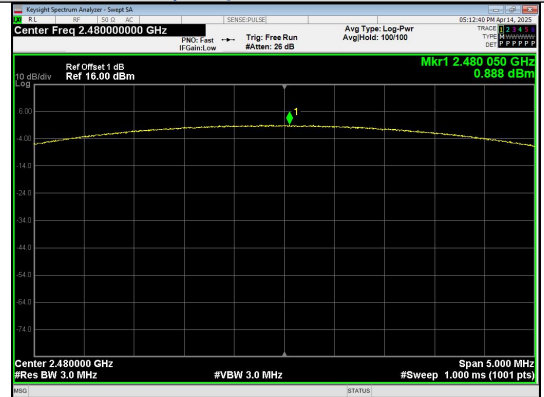
Peak Output Power
GFSK_Channel 78



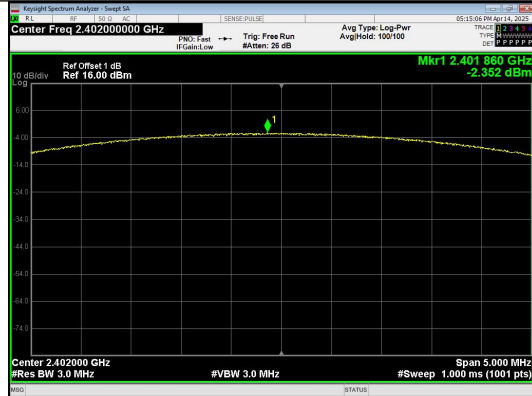
Peak Output Power
 $\pi/4$ DQPSK_Channel 0



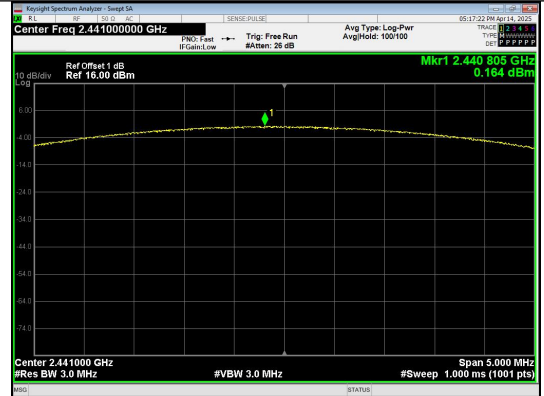
Peak Output Power
 $\pi/4$ DQPSK_Channel 39



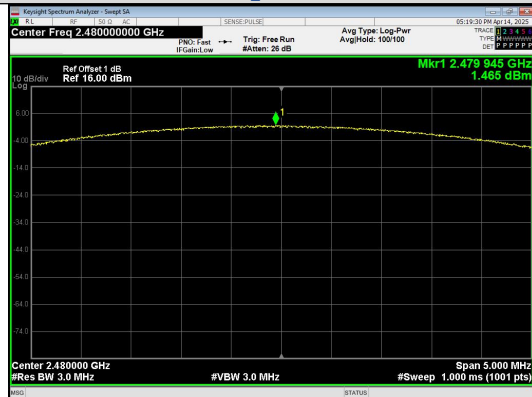
Peak Output Power
 $\pi/4$ DQPSK_Channel 78



Peak Output Power
8DPSK_Channel 0



Peak Output Power
8DPSK_Channel 39



Peak Output Power



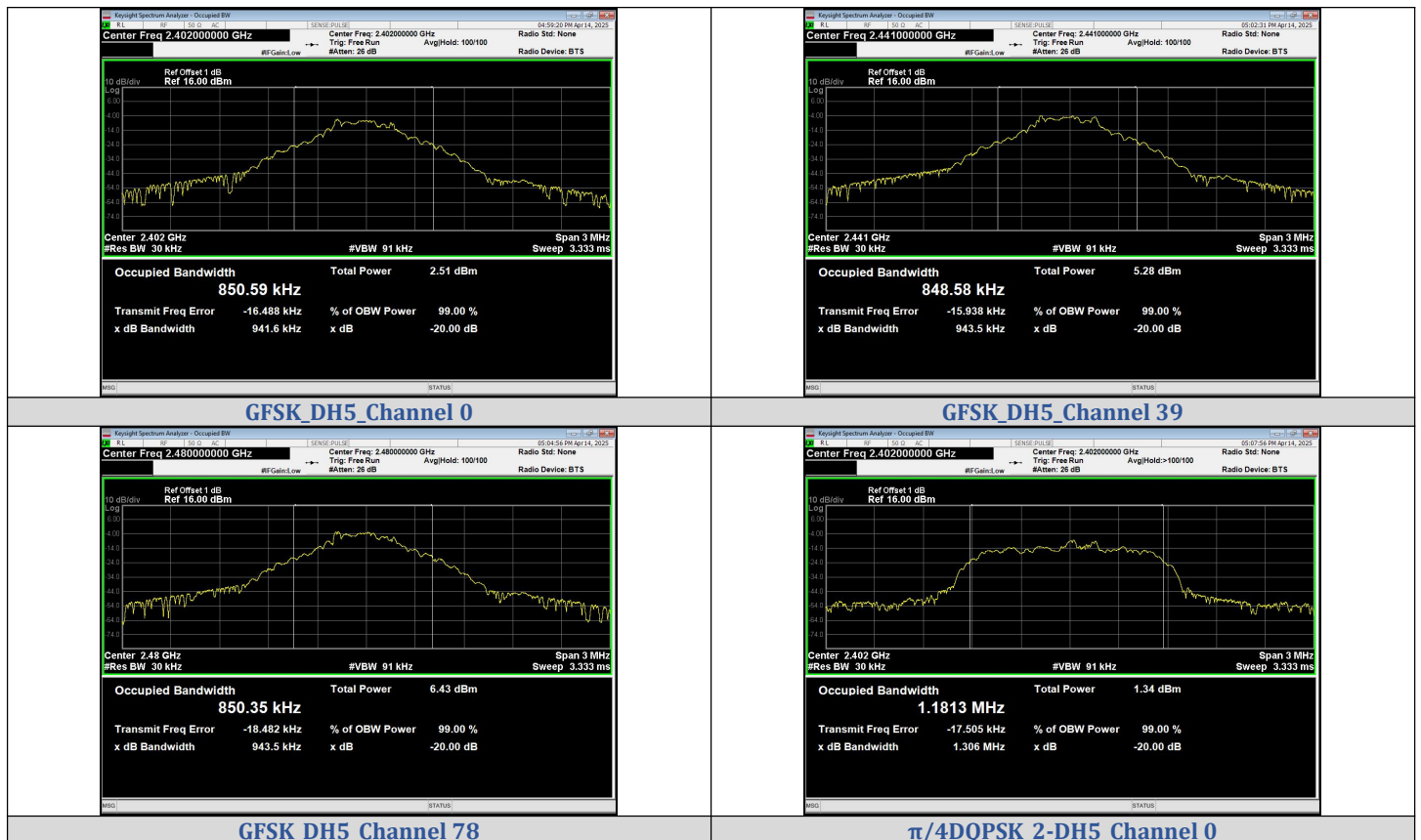
8DPSK_Channel 78

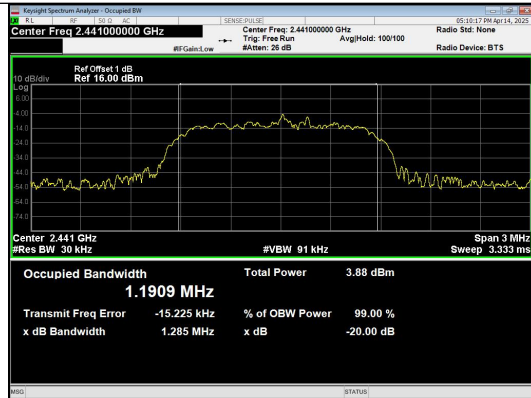
20dB Bandwidth

Test Result

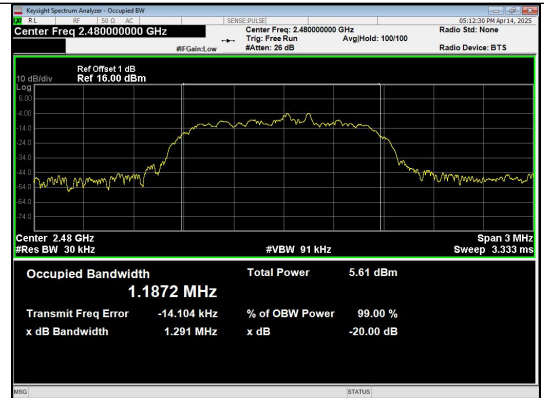
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9416
	39	2441 MHz	0.9435
	78	2480 MHz	0.9435
$\pi/4$ DQPSK	0	2402 MHz	1.306
	39	2441 MHz	1.285
	78	2480 MHz	1.291
8DPSK	0	2402 MHz	1.302
	39	2441 MHz	1.300
	78	2480 MHz	1.301

Test Graphs

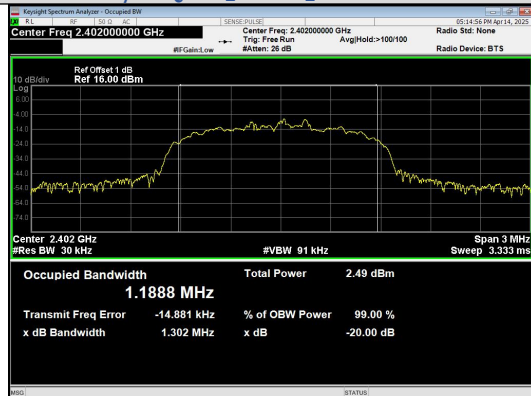




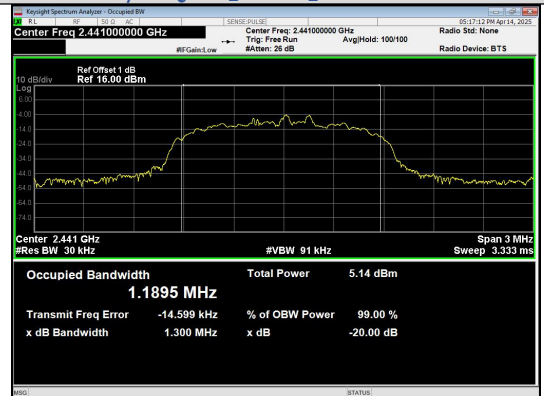
$\pi/4$ DQPSK 2-DH5_Channel 39



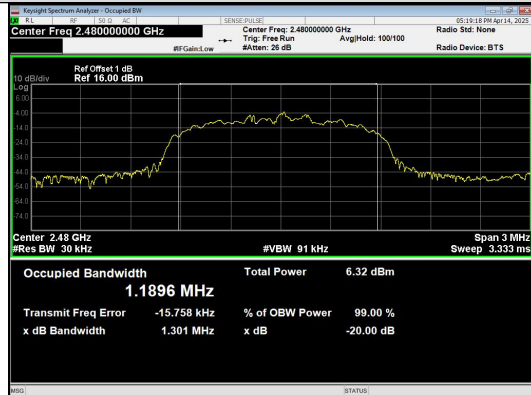
$\pi/4$ DQPSK 2-DH5_Channel 78



8DPSK 3-DH5_Channel 0



8DPSK 3-DH5_Channel 39



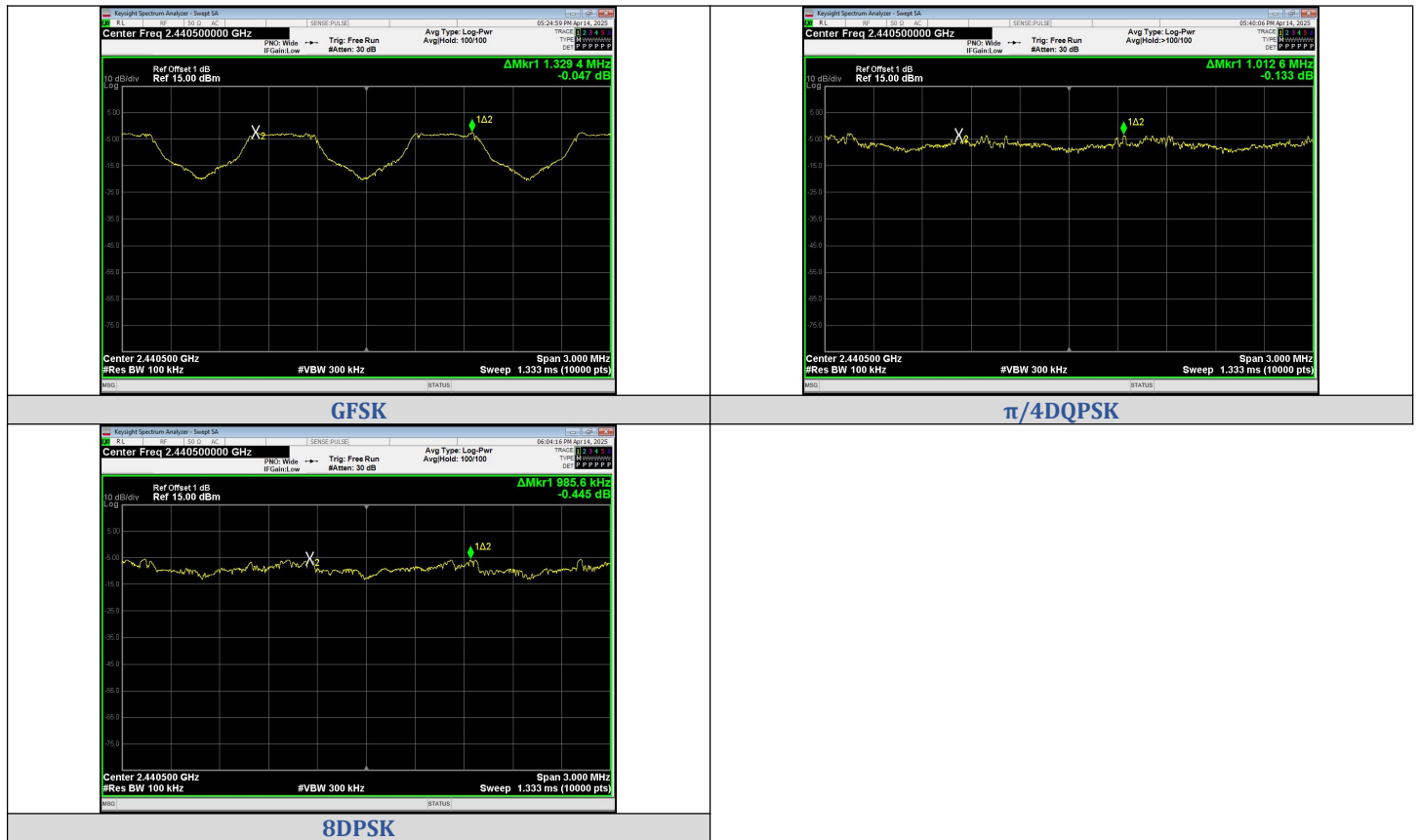
8DPSK 3-DH5_Channel 78

Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.8203	2441.1497	1.3294	0.629	PASS
$\pi/4$ DQPSK	2-DH5	2439.8239	2440.8365	1.0126	0.871	PASS
8DPSK	3-DH5	2440.153	2441.1386	0.9856	0.868	PASS

Test Graphs





Conducted Out Of Band Emission

Test Result

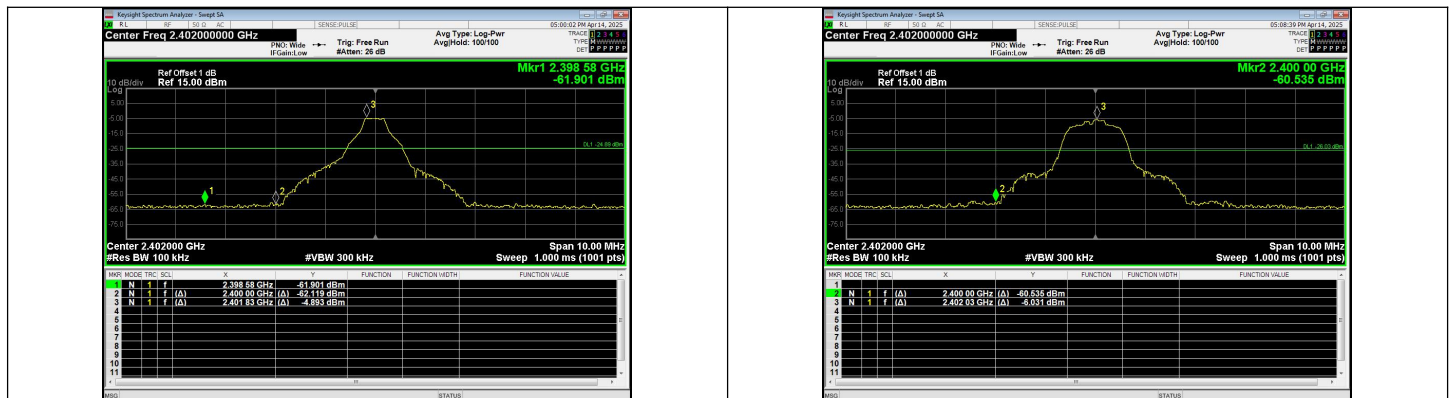
Non-Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2398.58	-61.901	-24.89	-37.011	PASS
			2400.00	-62.119	-24.89	-37.229	PASS
			24925.7	-49.896	-24.89	-25.006	PASS
		39	24941.9	-49.873	-22.23	-27.643	PASS
		78	2483.50	-62.603	-20.84	-41.763	PASS
			24355.8	-49.453	-20.84	-28.613	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-60.535	-26.03	-34.505	PASS
			24835.8	-49.446	-26.03	-23.416	PASS
		39	24883.9	-49.581	-22.77	-26.811	PASS
		78	2483.50	-59.609	-21.22	-38.389	PASS
			24367.6	-49.923	-21.22	-28.703	PASS
8DPSK	3-DH5	0	2400.00	-61.228	-24.81	-36.418	PASS
			2618.21	-38.147	-24.81	-13.337	PASS
		39	24960.7	-48.757	-22.24	-26.517	PASS
		78	2483.50	-61.420	-20.86	-40.560	PASS
			24400.1	-49.553	-20.86	-28.693	PASS

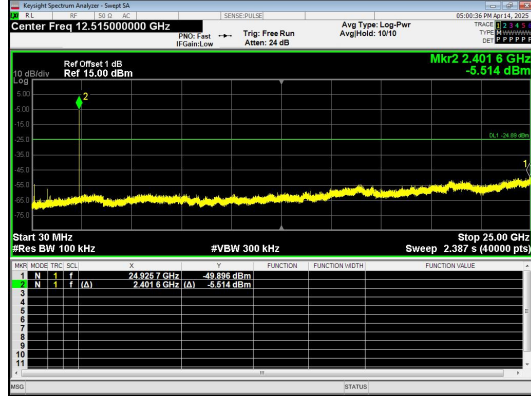
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.04	-60.884	-24.93	-35.954	PASS
			2400.00	-62.535	-24.93	-37.605	PASS
			2483.50	-61.821	-20.97	-40.851	PASS
$\pi/4$ DQPSK	2-DH5		2397.00	-60.184	-25.2	-34.984	PASS
			2400.00	-61.032	-25.2	-35.832	PASS
			2483.50	-62.887	-24.47	-38.417	PASS
8DPSK	3-DH5		2398.92	-60.725	-27.76	-32.965	PASS
			2400.00	-62.489	-27.76	-34.729	PASS
			2483.50	-61.055	-23.9	-37.155	PASS

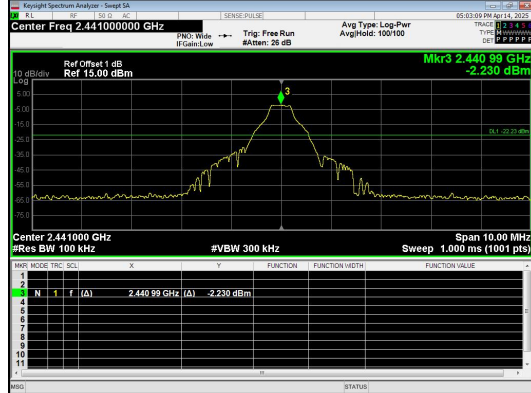
Test Graphs



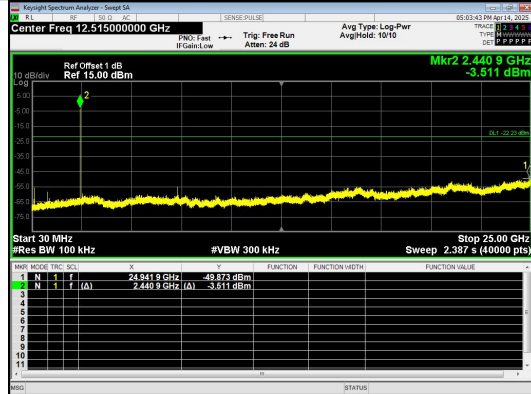
Out Of Band Emission GFSK_DH5_Channel 0



30.0 MHz - 25000.0 MHz GFSK_DH5_Channel 0

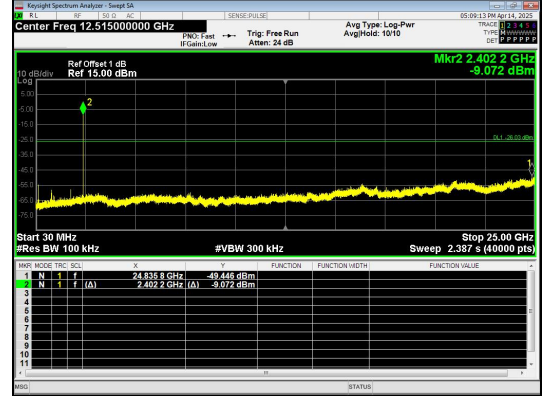


Out Of Band Emission GFSK_DH5_Channel 39

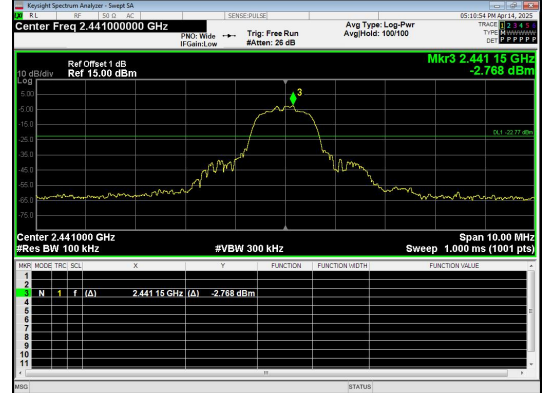


30.0 MHz - 25000.0 MHz GFSK_DH5_Channel 39

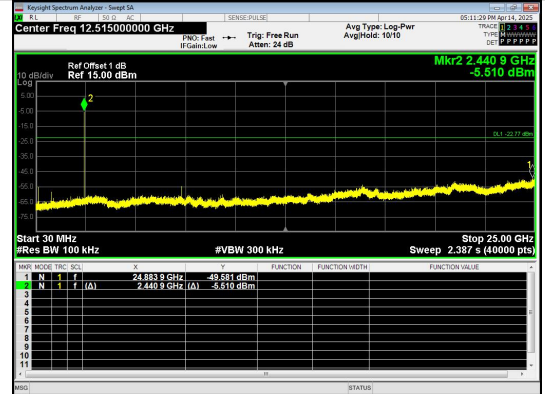
Out Of Band Emission $\pi/4$ DQPSK_2-DH5_Channel 0



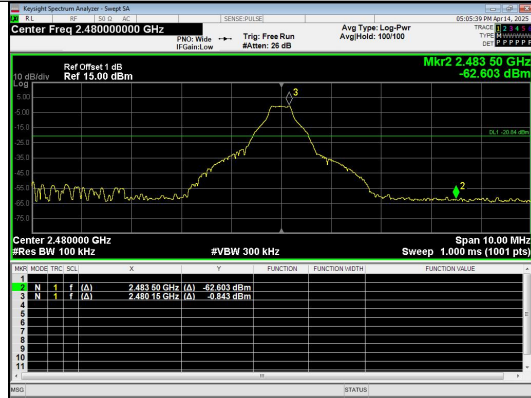
30.0 MHz - 25000.0 MHz $\pi/4$ DQPSK_2-DH5_Channel 0



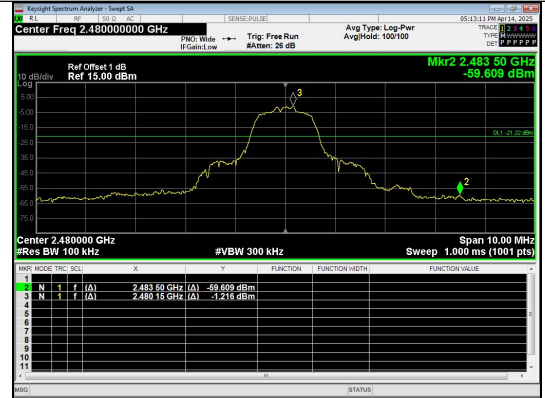
Out Of Band Emission $\pi/4$ DQPSK_2-DH5_Channel 39



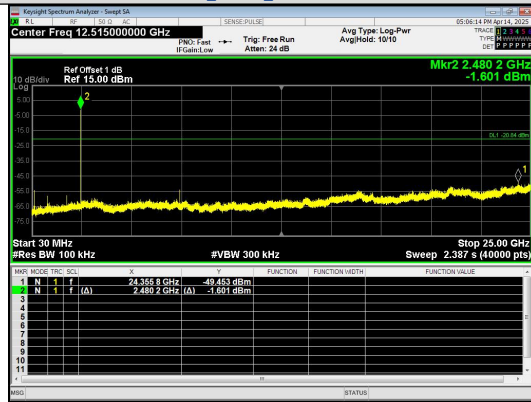
30.0 MHz - 25000.0 MHz $\pi/4$ DQPSK_2-DH5_Channel 39



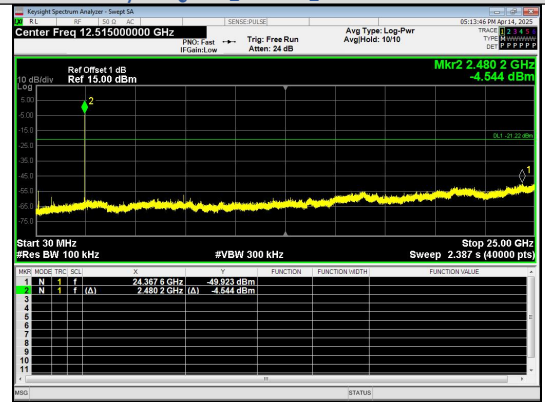
Out Of Band Emission
GFSK_DH5_Channel 78



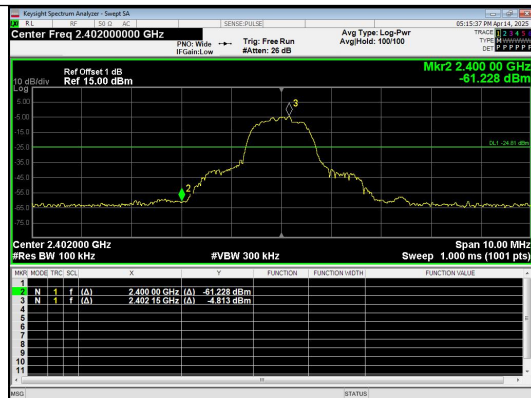
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



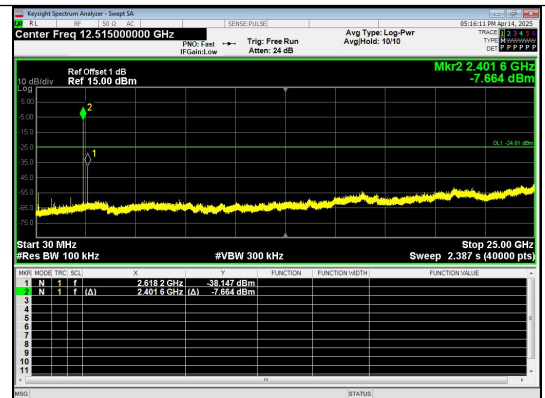
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



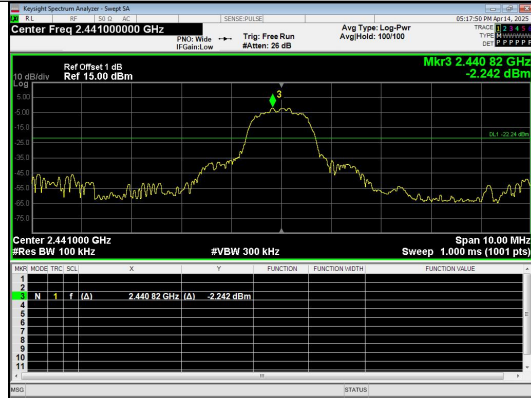
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78



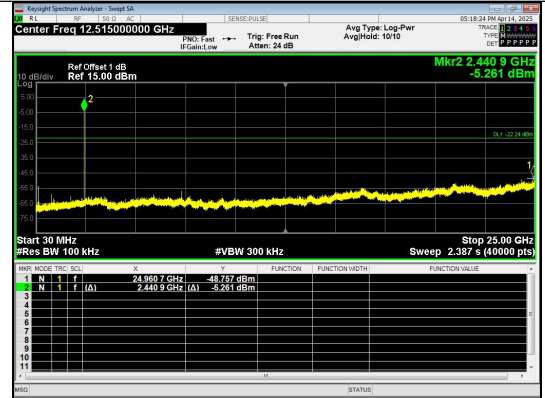
Out Of Band Emission
8DPSK_3-DH5_Channel 0



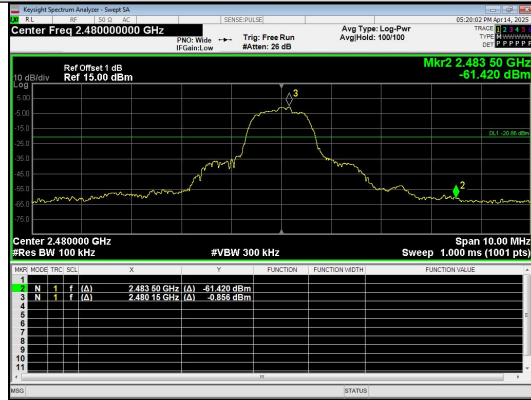
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



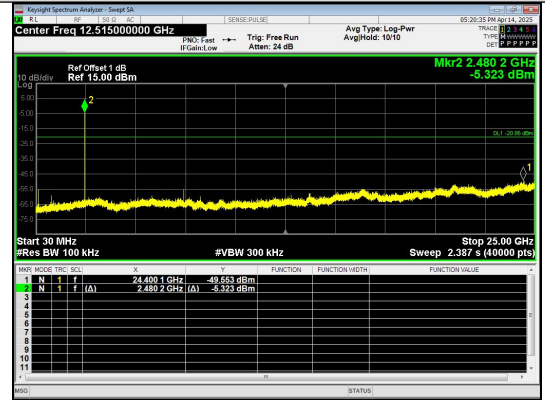
Out Of Band Emission
8DPSK_3-DH5_Channel 39



30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39



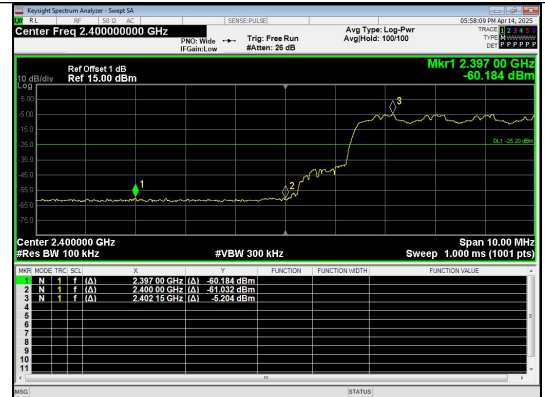
Out Of Band Emission
8DPSK_3-DH5_Channel 78



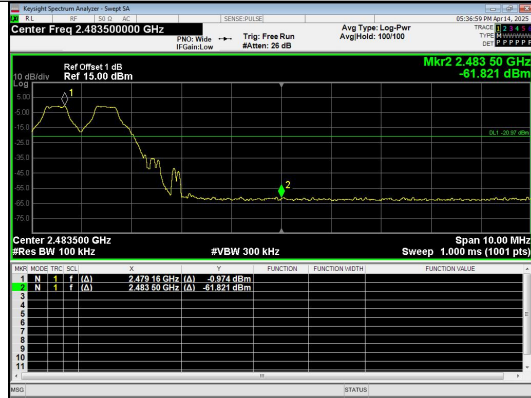
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78



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