

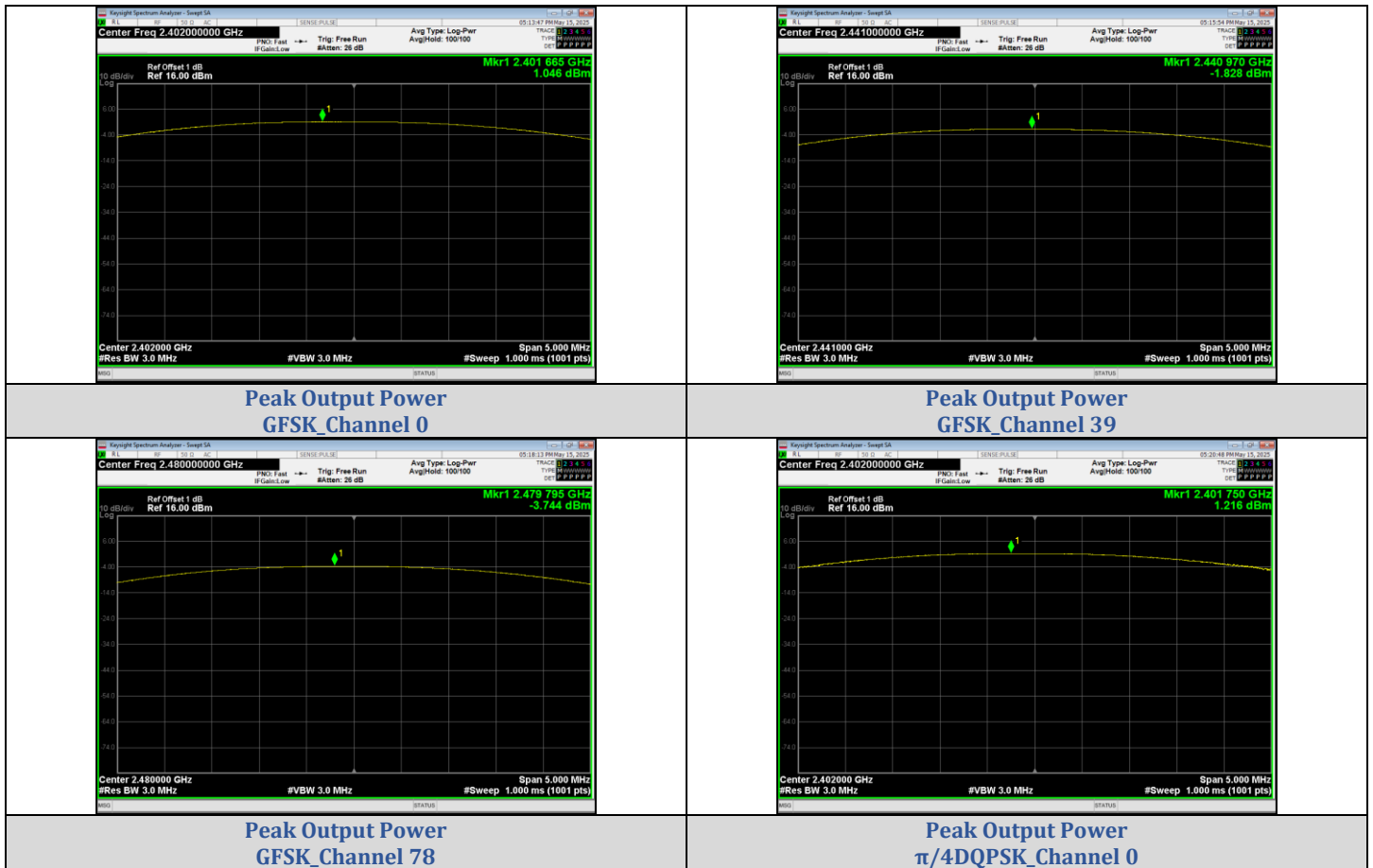


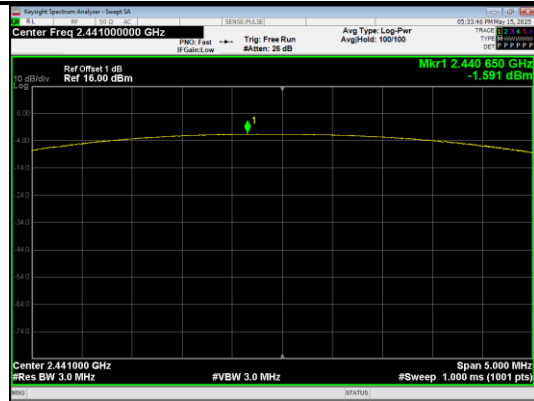
Conducted Output Power

Test Result

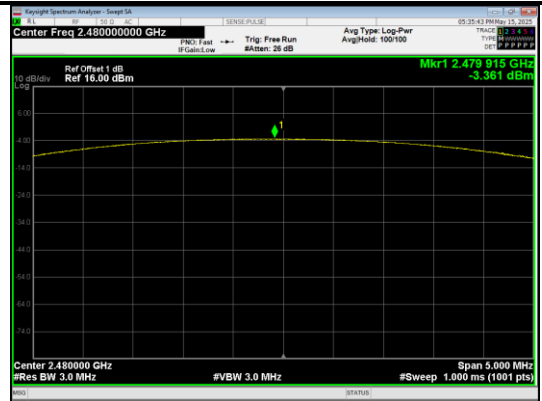
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
GFSK	DH5	0	1.05	1.27	≤30	PASS
		39	-1.83	0.66		PASS
		78	-3.74	0.42		PASS
$\pi/4$ DQPSK	2-DH5	0	1.22	1.32	≤20.97	PASS
		39	-1.59	0.69		PASS
		78	-3.36	0.46		PASS
8DPSK	3-DH5	0	1.30	1.35		PASS
		39	-1.52	0.70		PASS
		78	-3.24	0.47		PASS

Test Graphs

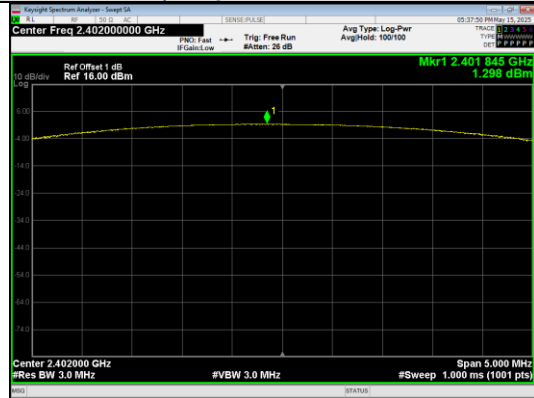




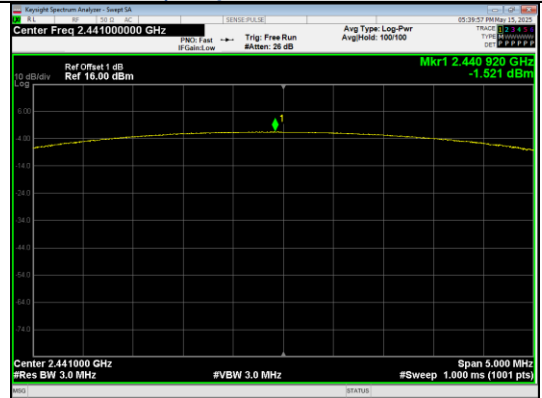
Peak Output Power
 $\pi/4$ DQPSK_Channel 39



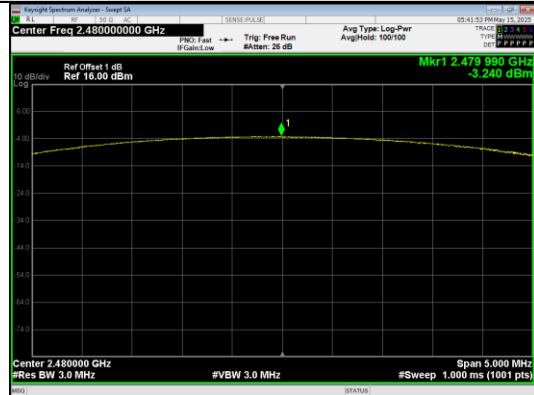
Peak Output Power
 $\pi/4$ DQPSK_Channel 78



Peak Output Power
8DPSK_Channel 0



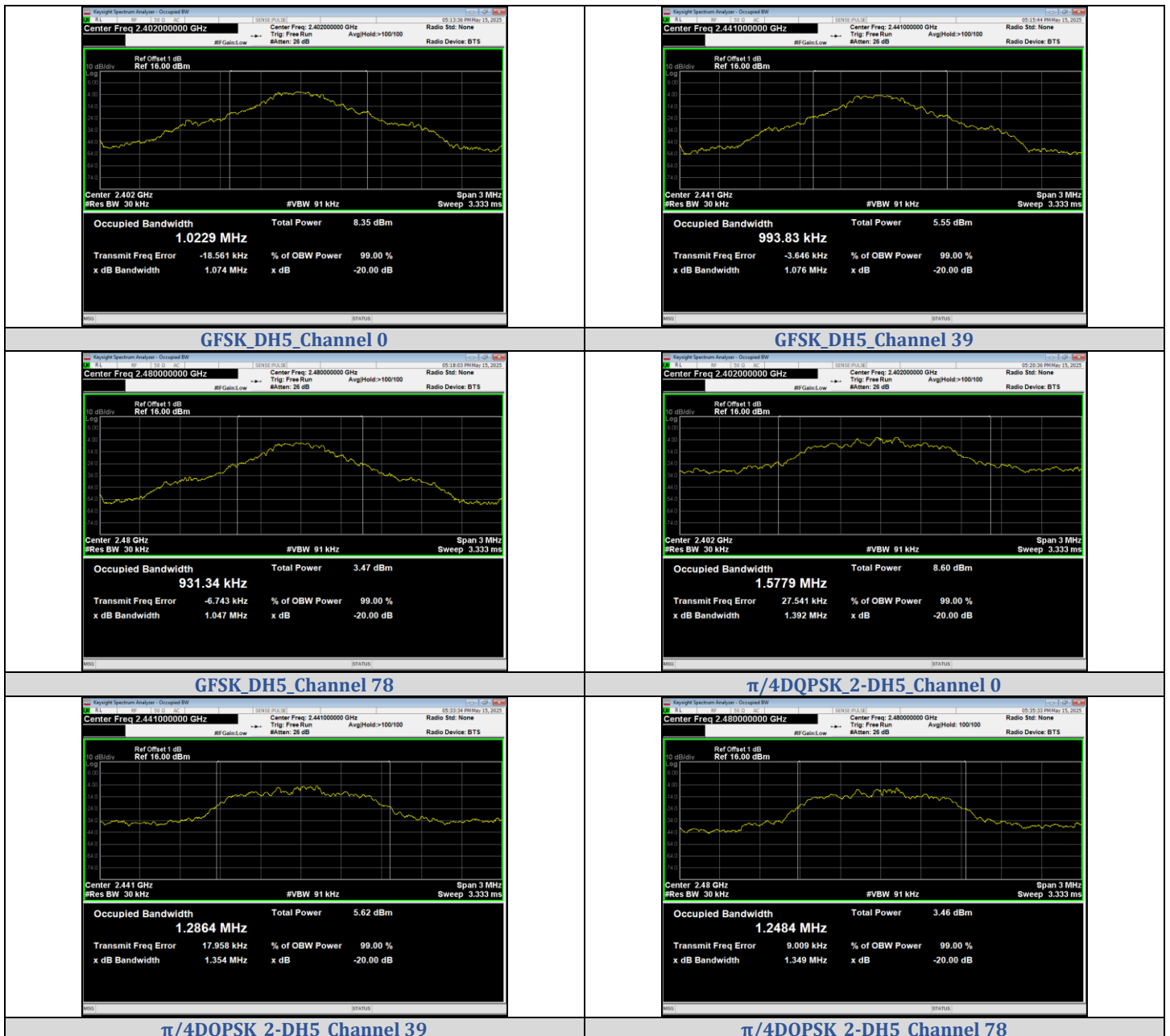
Peak Output Power
8DPSK_Channel 39

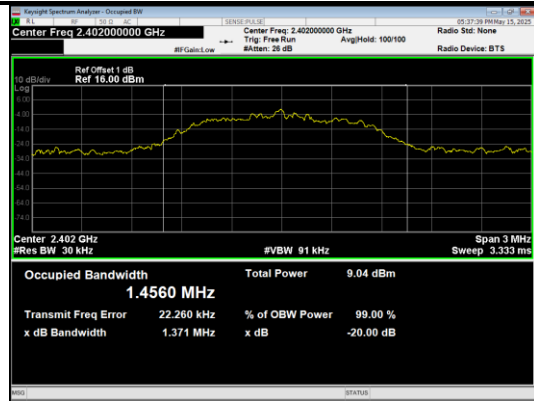


Peak Output Power
8DPSK_Channel 78

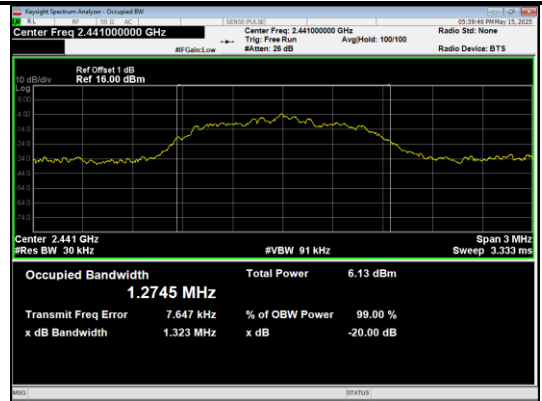
**20dB Bandwidth****Test Result**

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	1.074
	39	2441 MHz	1.076
	78	2480 MHz	1.047
$\pi/4$ DQPSK	0	2402 MHz	1.392
	39	2441 MHz	1.354
	78	2480 MHz	1.349
8DPSK	0	2402 MHz	1.371
	39	2441 MHz	1.323
	78	2480 MHz	1.319

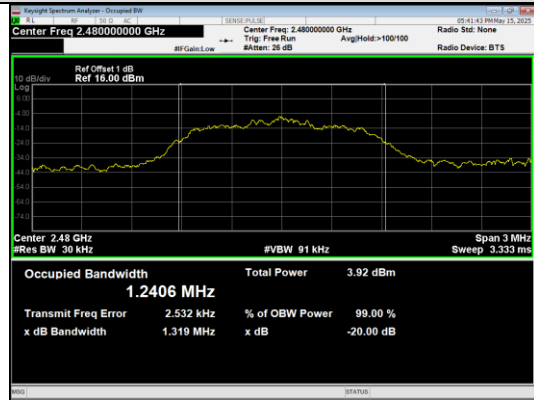
Test Graphs



8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 39



8DPSK_3-DH5_Channel 78

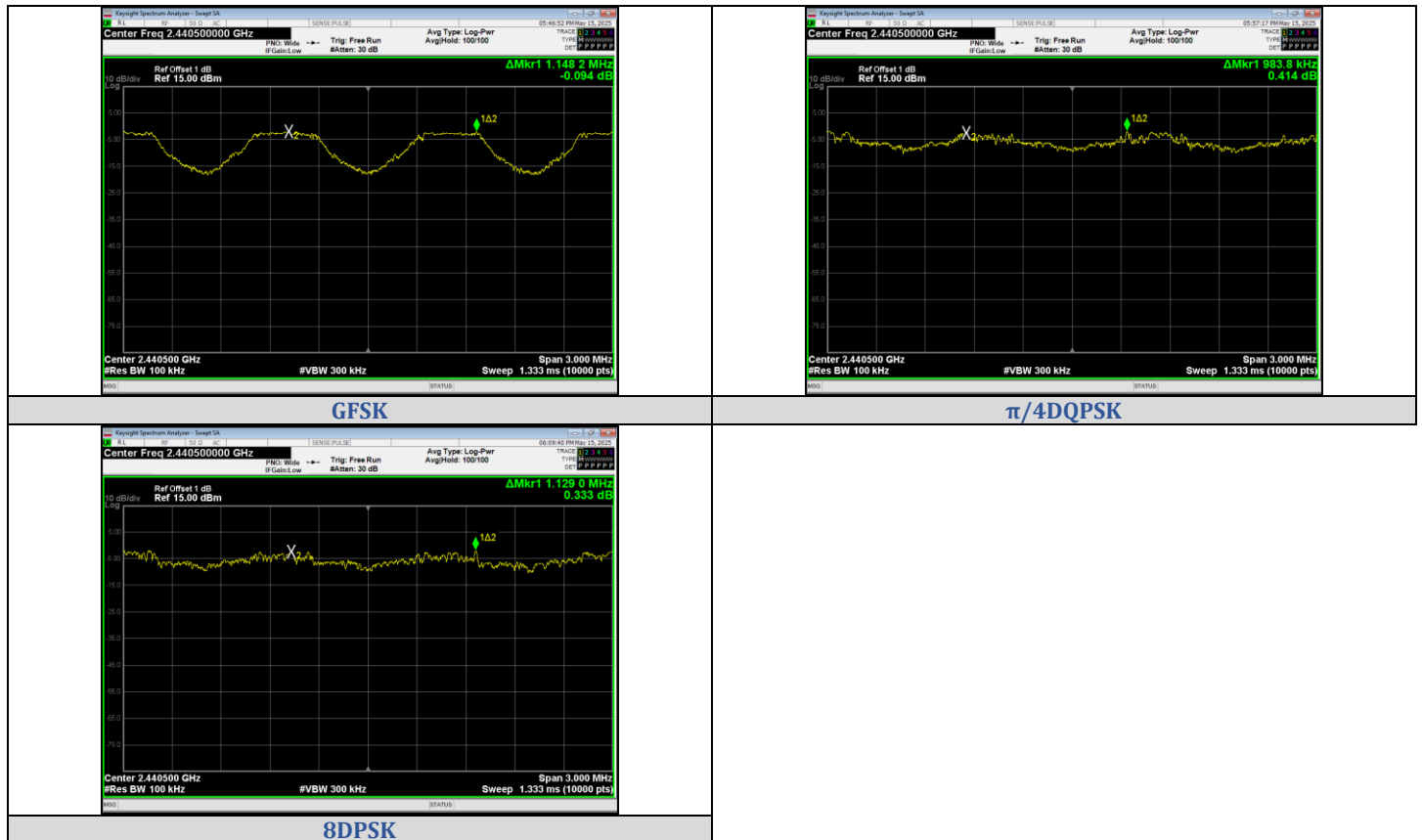


Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.0144	2441.1626	1.1482	0.717	PASS
$\pi/4$ DQPSK	2-DH5	2439.8512	2440.835	0.9838	0.928	PASS
8DPSK	3-DH5	2440.0294	2441.1584	1.1290	0.914	PASS

Test Graphs

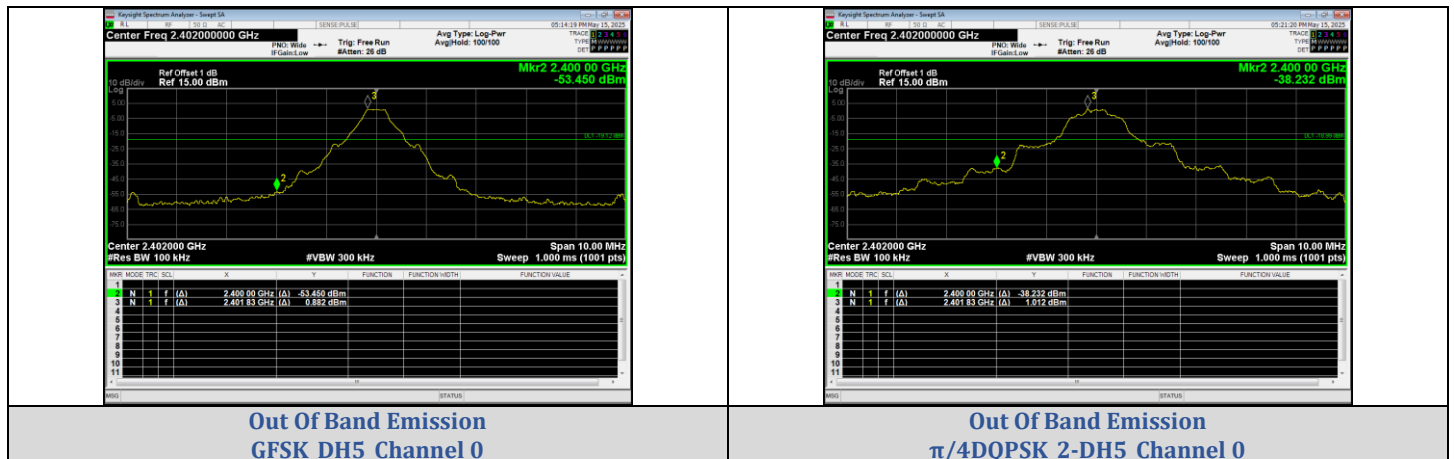


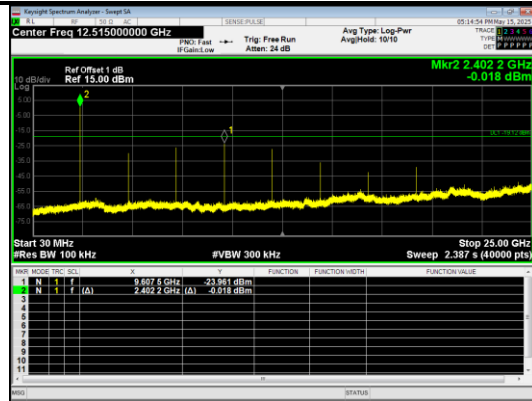
**Conducted Out Of Band Emission****Test Result****Non-Hopping**

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-53.450	-19.12	-34.330	PASS
			9607.48	-23.961	-19.12	-4.841	PASS
		39	9763.55	-24.818	-21.93	-2.888	PASS
			2483.50	-62.530	-23.9	-38.630	PASS
			7440.66	-24.537	-23.9	-0.637	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-38.232	-18.99	-19.242	PASS
			9608.73	-25.392	-18.99	-6.402	PASS
		39	7322.67	-24.235	-22.07	-2.165	PASS
			2483.50	-56.627	-23.75	-32.877	PASS
			7439.41	-25.110	-23.75	-1.360	PASS
8DPSK	3-DH5	0	2400.00	-39.479	-19.02	-20.459	PASS
			9608.73	-26.778	-19.02	-7.758	PASS
		39	12205.0	-28.487	-21.79	-6.697	PASS
			2483.50	-55.811	-23.63	-32.181	PASS
			4959.83	-27.827	-23.63	-4.197	PASS

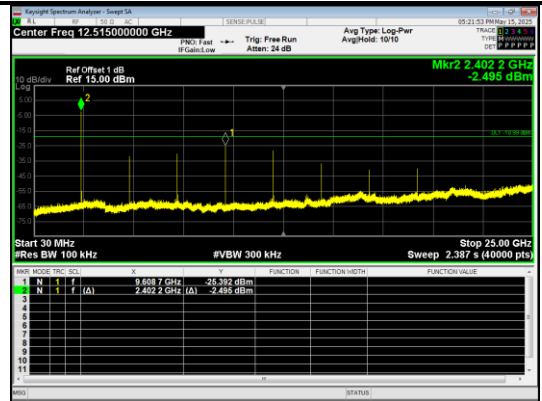
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2397.09	-54.709	-19.1	-35.609	PASS
			2400.00	-55.568	-19.1	-36.468	PASS
			2483.50	-62.730	-23.72	-39.010	PASS
$\pi/4$ DQPSK	2-DH5		2400.00	-38.433	-18.95	-19.483	PASS
			2483.50	-59.947	-23.73	-36.217	PASS
8DPSK	3-DH5		2400.00	-39.223	-19.15	-20.073	PASS
			2483.50	-56.481	-23.57	-32.911	PASS

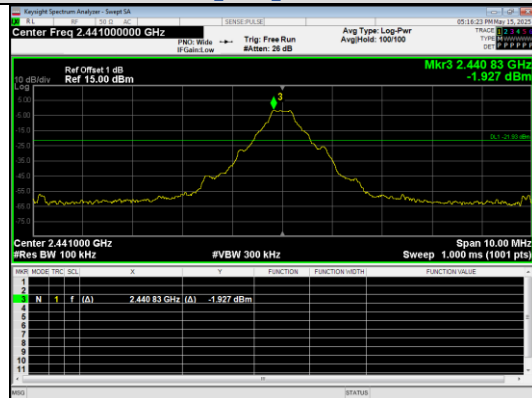
Test Graphs



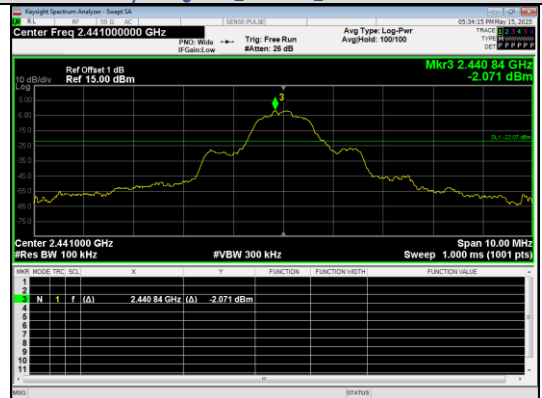
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 0



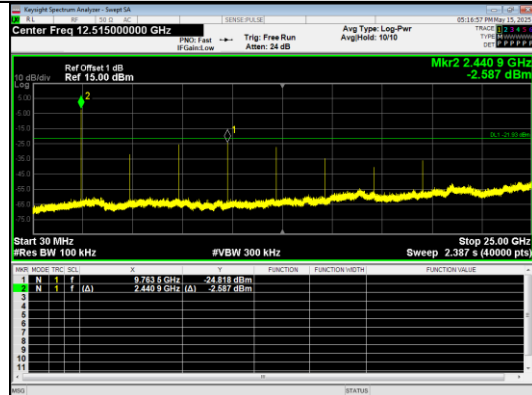
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 0



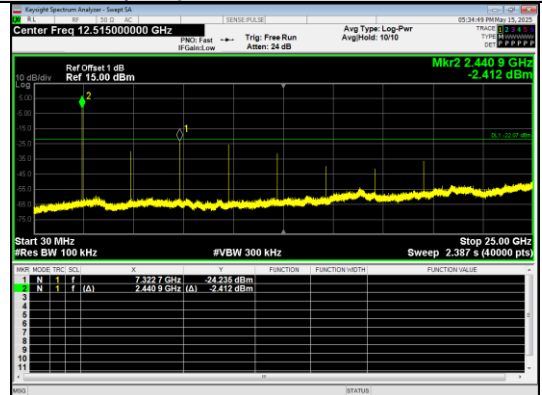
Out Of Band Emission
GFSK_DH5_Channel 39



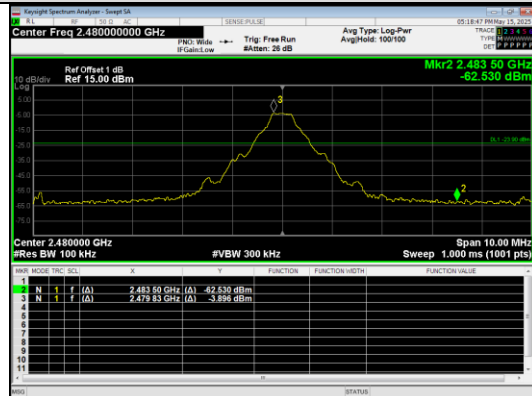
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39



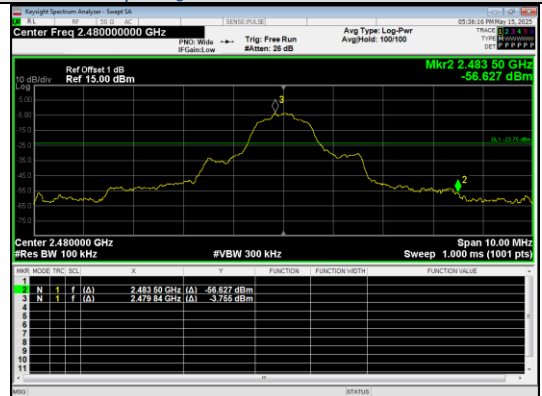
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



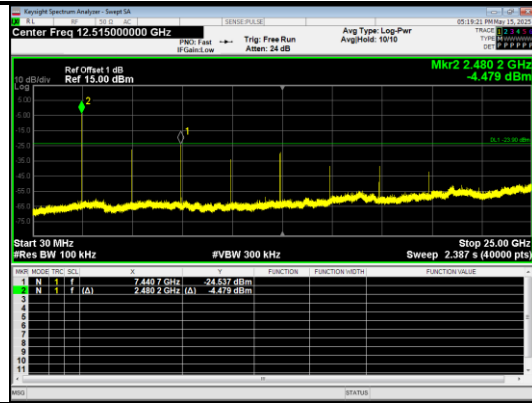
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39



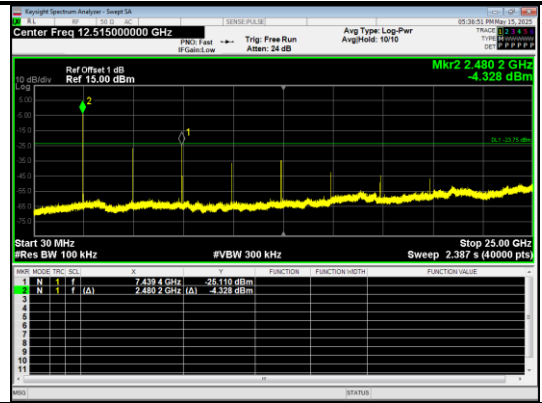
Out Of Band Emission
GFSK_DH5_Channel 78



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



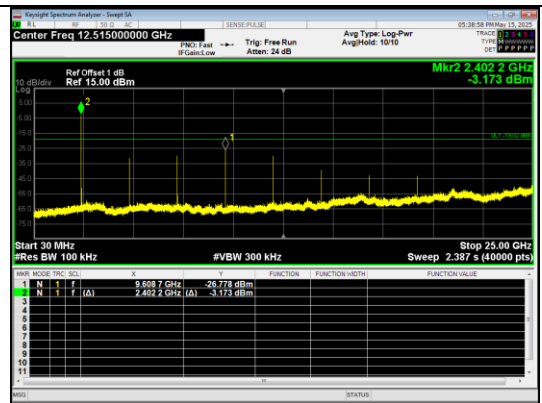
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



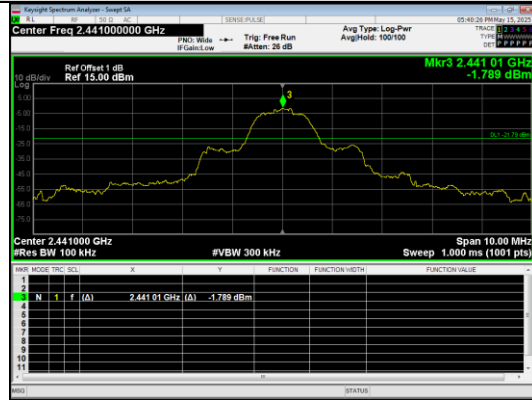
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78



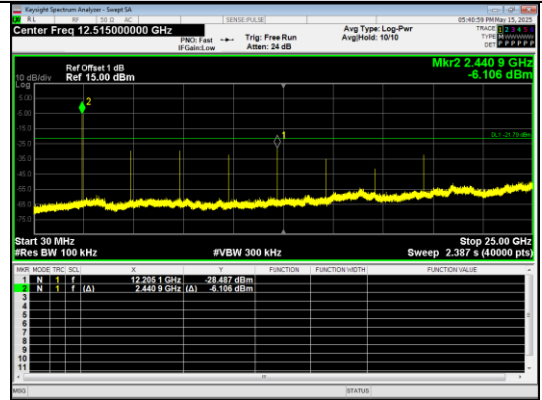
Out Of Band Emission
8DPSK_3-DH5_Channel 0



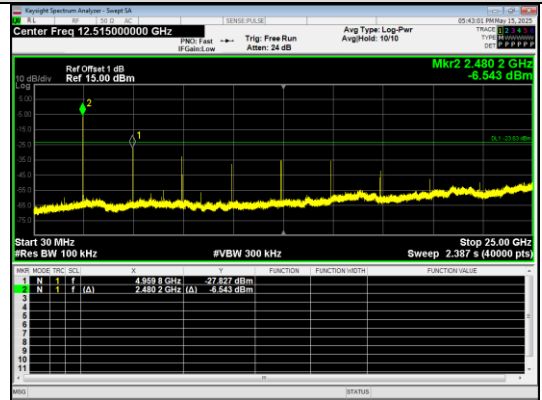
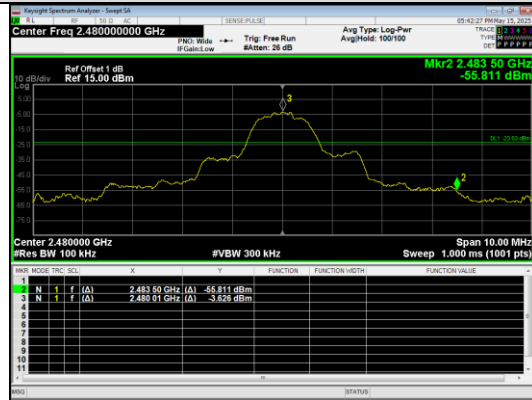
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0

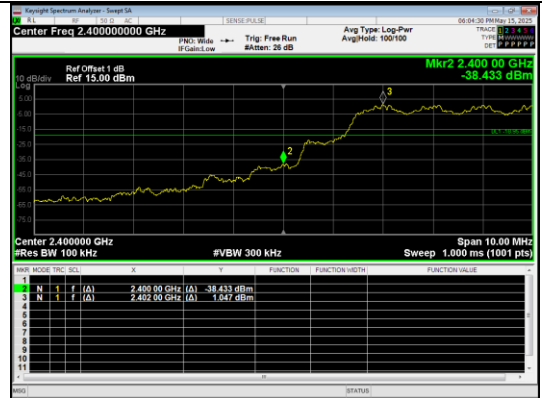
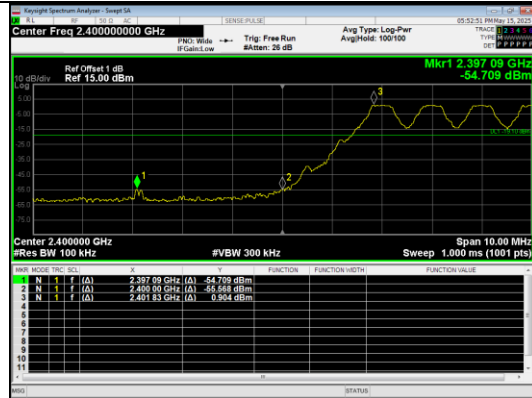
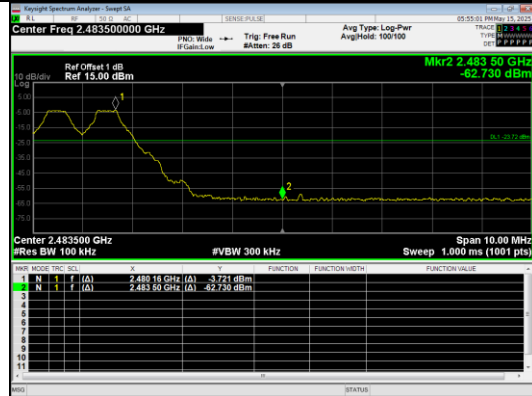
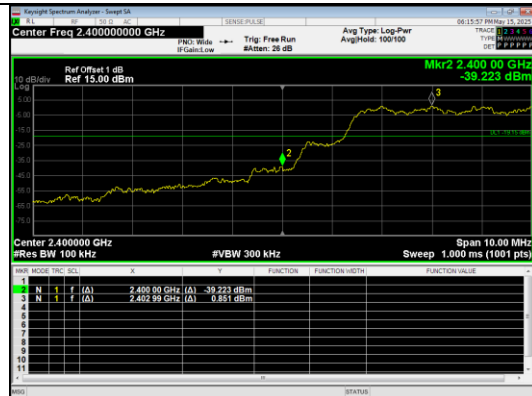


Out Of Band Emission
8DPSK_3-DH5_Channel 39



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**



Duty Cycle

Test Result

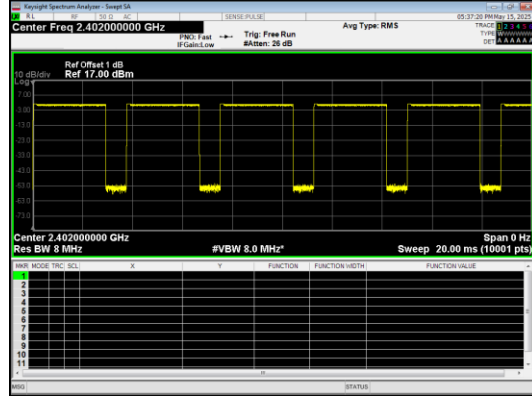
Modulation	Packets	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
GFSK	DH5	0	2.902	3.748	77.43	0.7743	1.1109	0.3446
		39	2.902	3.748	77.43	0.7743	1.1109	0.3446
		78	2.902	3.748	77.43	0.7743	1.1109	0.3446
$\pi/4$ DQPSK	2-DH5	0	2.908	3.748	77.59	0.7759	1.1019	0.3439
		39	2.908	3.748	77.59	0.7759	1.1019	0.3439
		78	2.908	3.748	77.59	0.7759	1.1019	0.3439
8DPSK	3-DH5	0	2.910	3.748	77.64	0.7764	1.0991	0.3436
		39	2.910	3.748	77.64	0.7764	1.0991	0.3436
		78	2.910	3.748	77.64	0.7764	1.0991	0.3436

Test Graphs

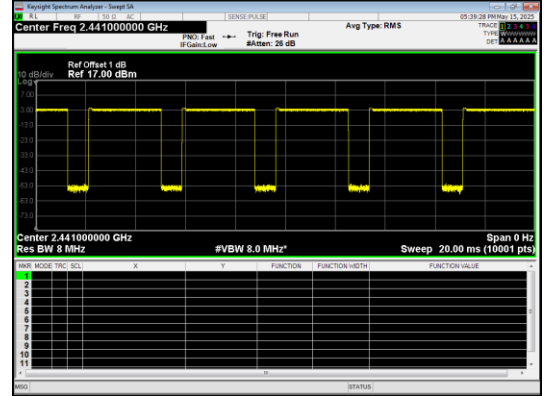




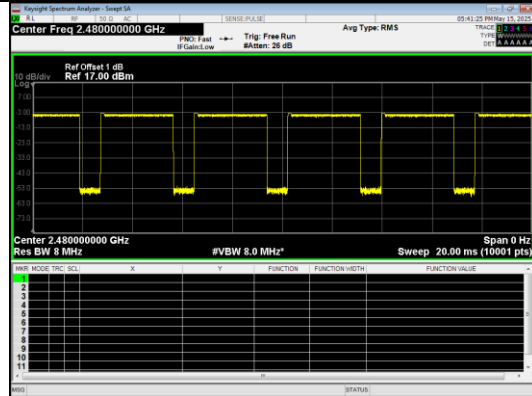
$\pi/4$ DQPSK(2-DH5)_Channel 39



$\pi/4$ DQPSK(2-DH5)_Channel 78



8DPSK(3-DH5)_Channel 0



8DPSK(3-DH5)_Channel 39

8DPSK(3-DH5)_Channel 78

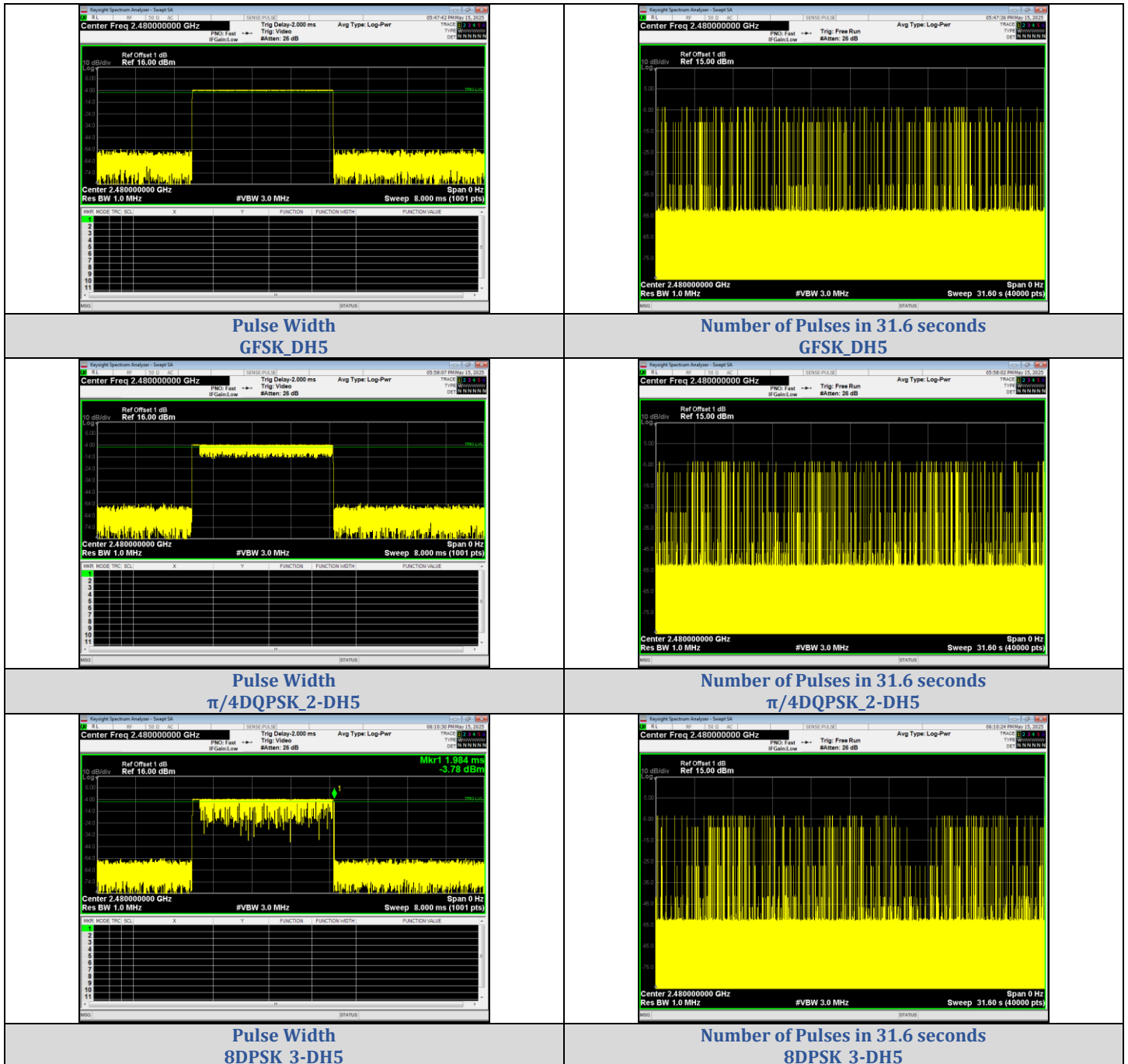


Dwell Time

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)	2.896	90	260.64	< 400	PASS
$\pi/4$ DQPSK	2-DH5		2.904	104	302.02		PASS
8DPSK	3-DH5		2.912	95	276.64		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

