

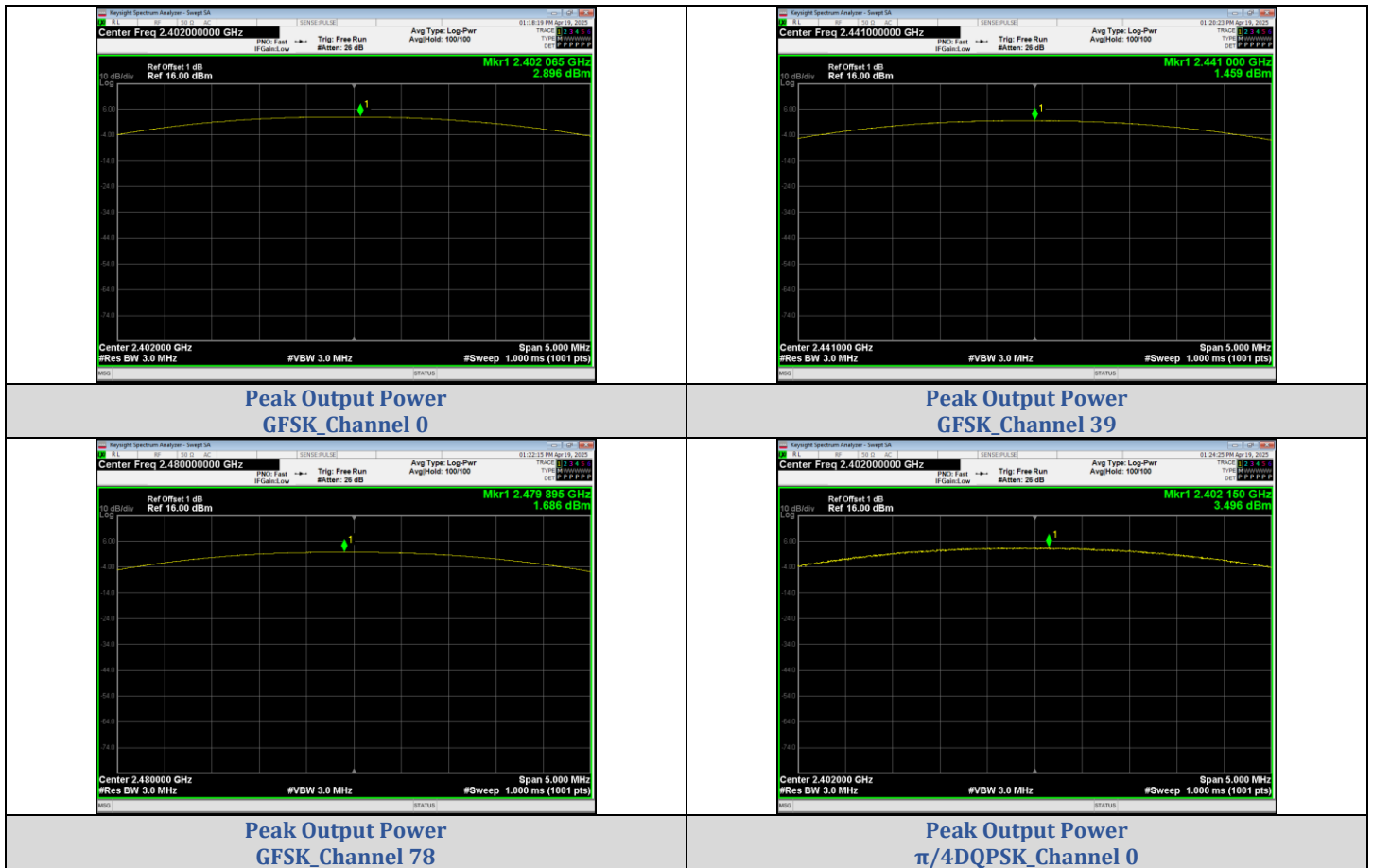


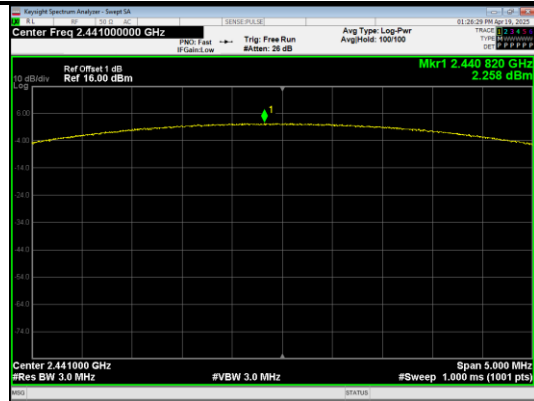
Conducted Output Power

Test Result

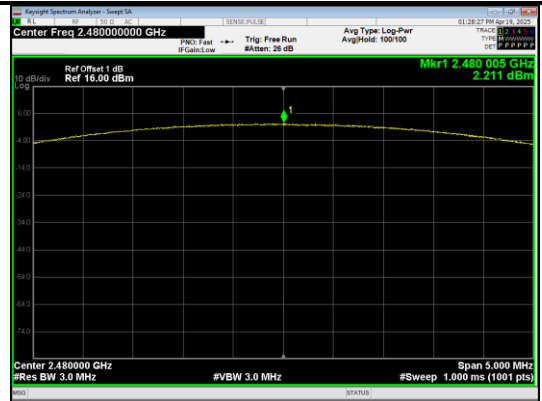
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
GFSK	DH5	0	2.90	1.95	≤30	PASS
		39	1.46	1.40		PASS
		78	1.69	1.47		PASS
$\pi/4$ DQPSK	2-DH5	0	3.50	2.24	≤20.97	PASS
		39	2.26	1.68		PASS
		78	2.21	1.66		PASS
8DPSK	3-DH5	0	3.81	2.40		PASS
		39	2.65	1.84		PASS
		78	2.61	1.82		PASS

Test Graphs

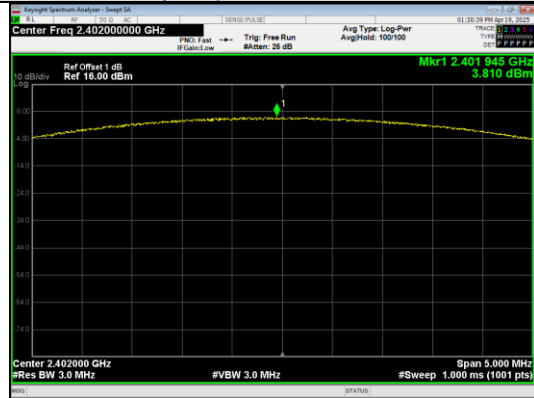




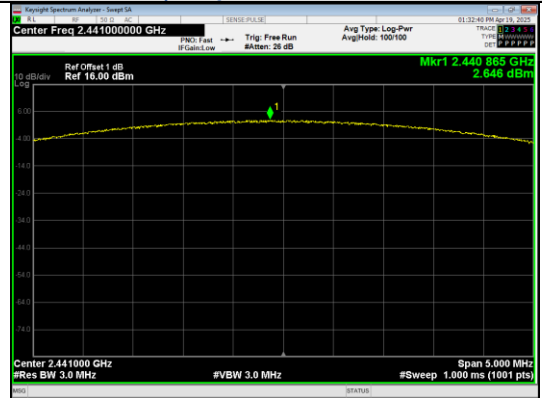
Peak Output Power
 $\pi/4$ DQPSK_Channel 39



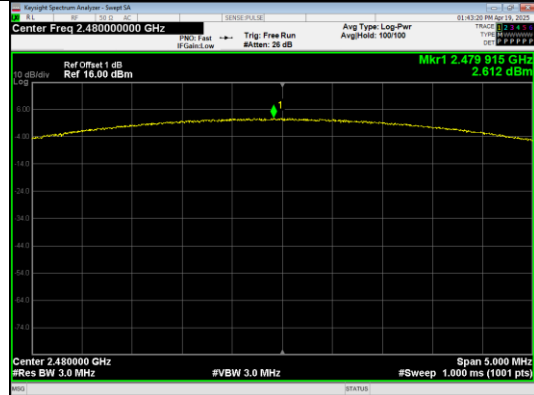
Peak Output Power
 $\pi/4$ DQPSK_Channel 78



Peak Output Power
8DPSK_Channel 0



Peak Output Power
8DPSK_Channel 39



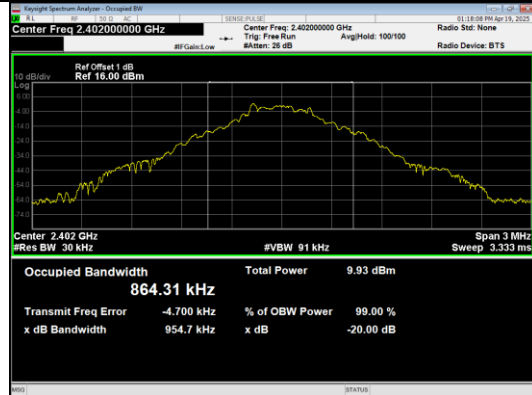
Peak Output Power
8DPSK_Channel 78

20dB Bandwidth

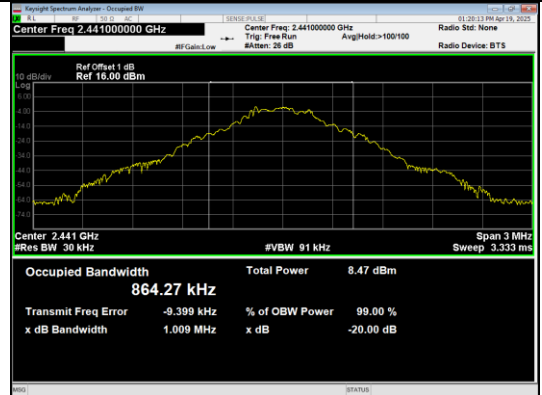
Test Result

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9547
	39	2441 MHz	1.009
	78	2480 MHz	0.9439
$\pi/4$ DQPSK	0	2402 MHz	1.289
	39	2441 MHz	1.284
	78	2480 MHz	1.290
8DPSK	0	2402 MHz	1.299
	39	2441 MHz	1.299
	78	2480 MHz	1.299

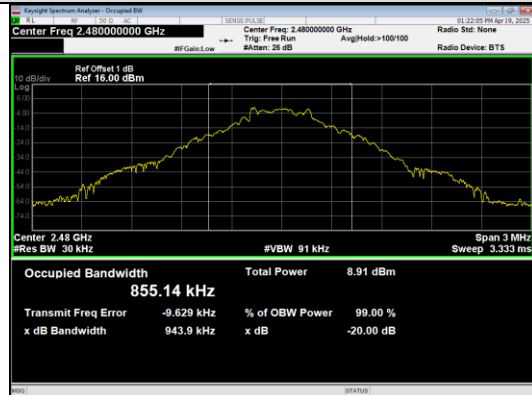
Test Graphs



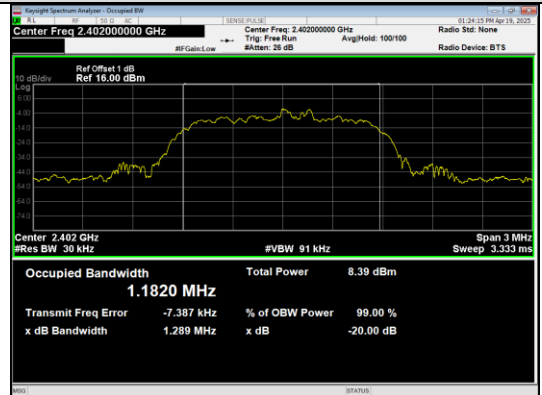
GFSK_DH5_Channel 0



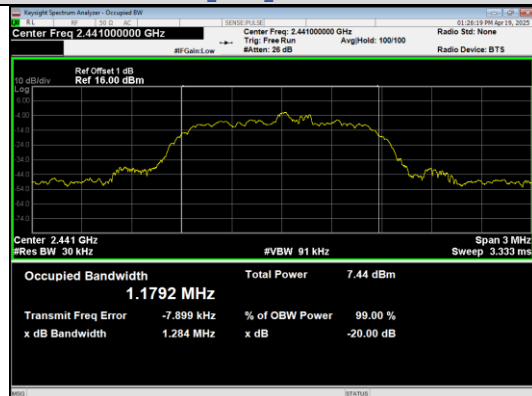
GFSK_DH5_Channel 39



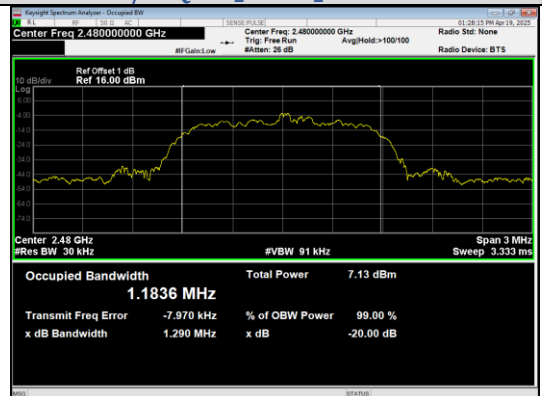
GFSK_DH5_Channel 78



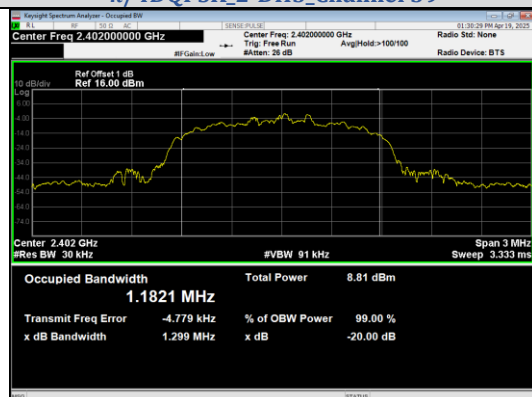
$\pi/4$ DQPSK_2-DH5_Channel 0



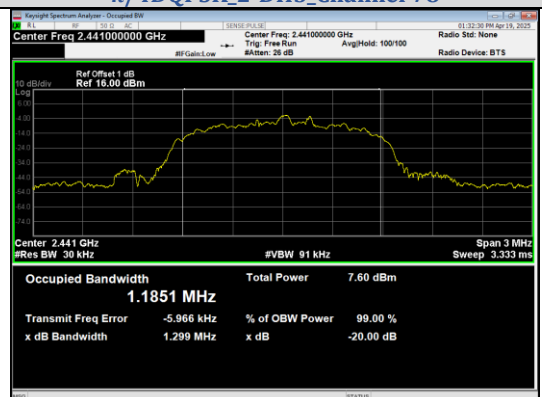
$\pi/4$ DQPSK_2-DH5_Channel 39



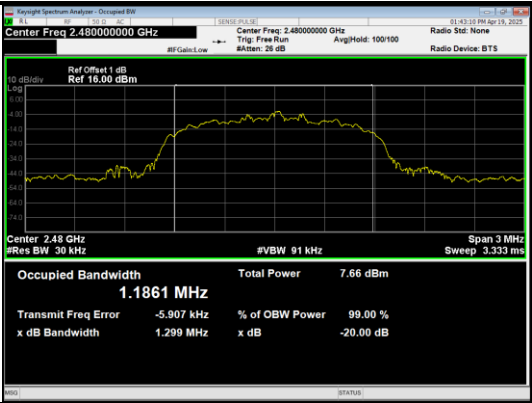
$\pi/4$ DQPSK_2-DH5_Channel 78



8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 39



8DPSK_3-DH5_Channel 78

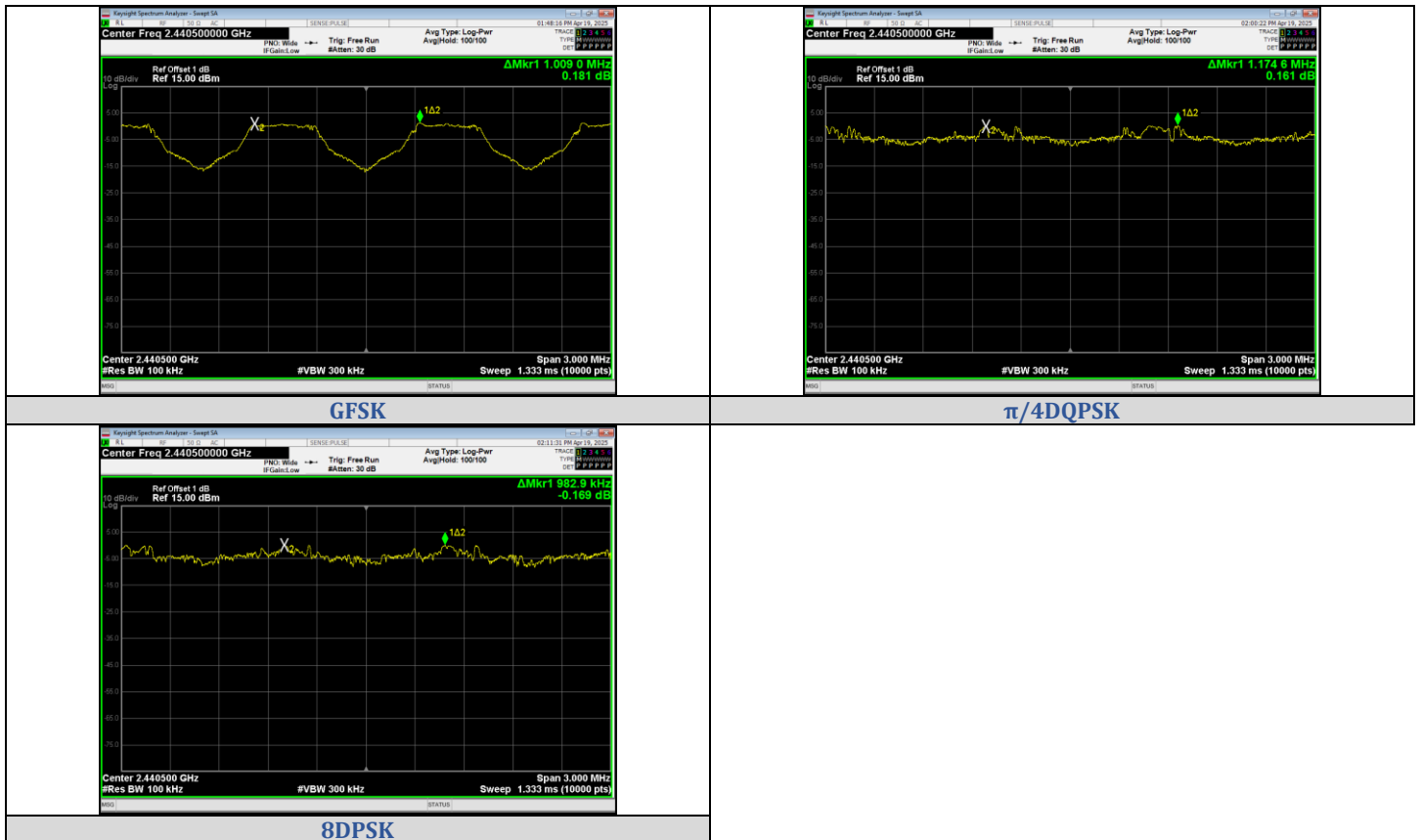


Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.8191	2440.8281	1.0090	0.673	PASS
$\pi/4$ DQPSK	2-DH5	2439.9826	2441.1572	1.1746	0.86	PASS
8DPSK	3-DH5	2439.9991	2440.982	0.9829	0.866	PASS

Test Graphs

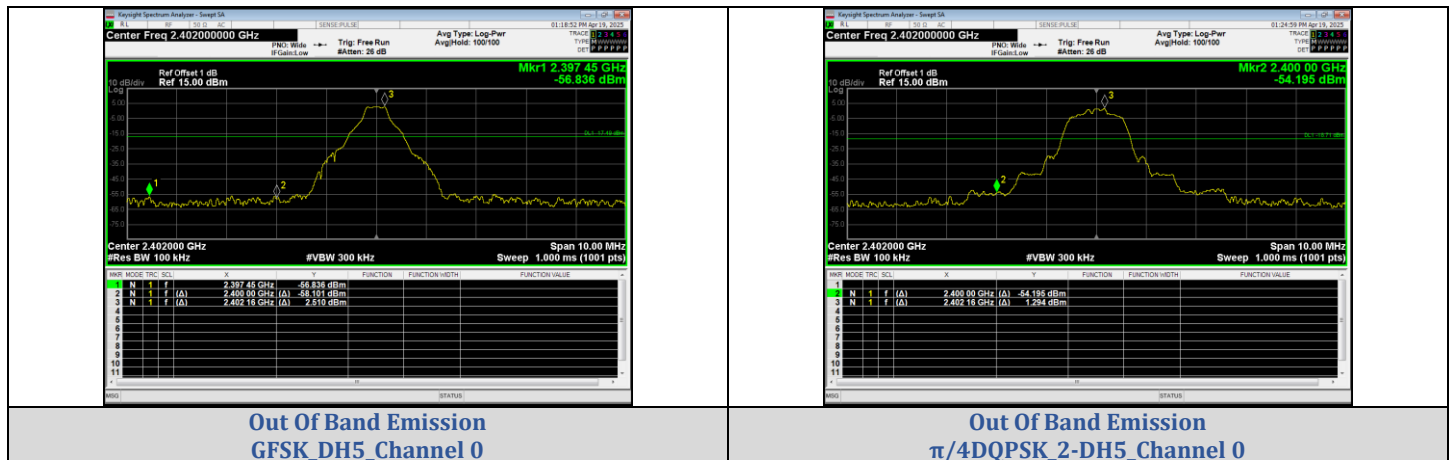


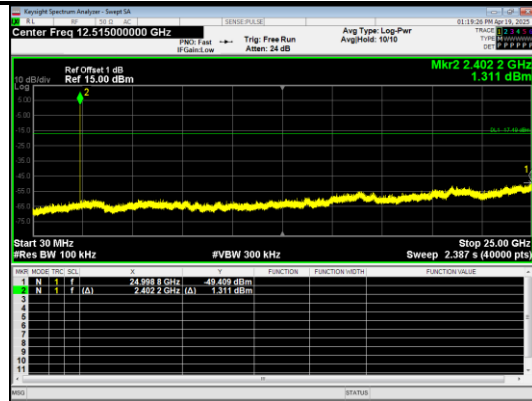
**Conducted Out Of Band Emission****Test Result****Non-Hopping**

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2397.45	-56.836	-17.49	-39.346	PASS
			2400.00	-58.101	-17.49	-40.611	PASS
			24998.8	-49.409	-17.49	-31.919	PASS
		39	24356.4	-49.874	-18.95	-30.924	PASS
		78	2483.50	-62.780	-18.59	-44.190	PASS
			24966.9	-49.019	-18.59	-30.429	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-54.195	-18.71	-35.485	PASS
			24402.6	-50.327	-18.71	-31.617	PASS
		39	24956.9	-49.802	-19.9	-29.902	PASS
		78	2483.50	-61.994	-19.93	-42.064	PASS
			24966.9	-50.031	-19.93	-30.101	PASS
		78	24912.0	-49.502	-19.79	-29.712	PASS
8DPSK	3-DH5	0	2400.00	-54.866	-18.7	-36.166	PASS
			24976.9	-49.639	-18.7	-30.939	PASS
		39	24953.2	-49.432	-19.88	-29.552	PASS
		78	2483.50	-60.790	-19.79	-41.000	PASS
			24912.0	-49.502	-19.79	-29.712	PASS
		78	24912.0	-49.502	-19.79	-29.712	PASS

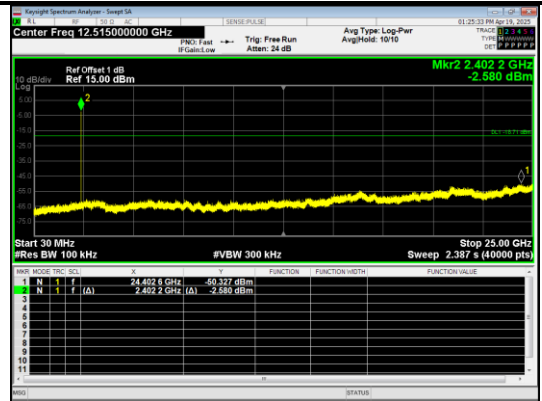
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.92	-57.395	-17.2	-40.195	PASS
			2400.00	-61.243	-17.2	-44.043	PASS
			2483.50	-60.520	-18.52	-42.000	PASS
$\pi/4$ DQPSK	2-DH5		2400.00	-54.800	-18.31	-36.490	PASS
			2483.50	-62.792	-19.78	-43.012	PASS
8DPSK	3-DH5		2400.00	-53.091	-18.21	-34.881	PASS
			2483.50	-63.207	-19.53	-43.677	PASS

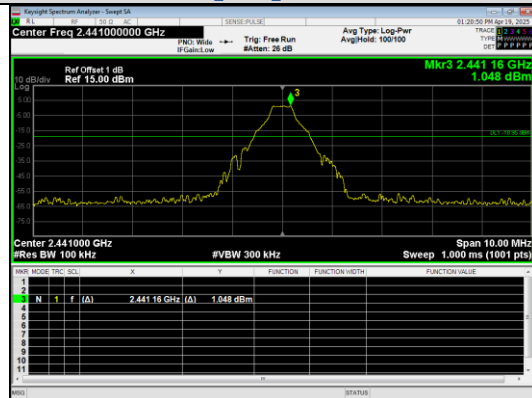
Test Graphs



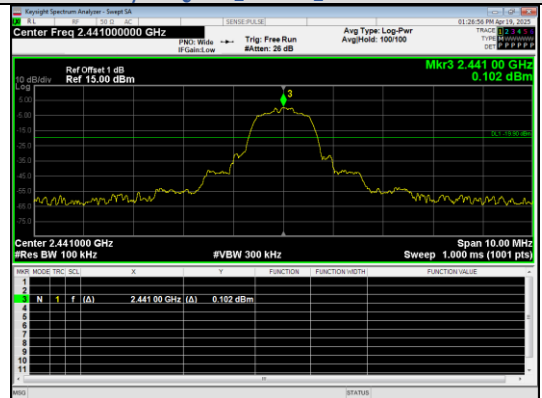
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 0



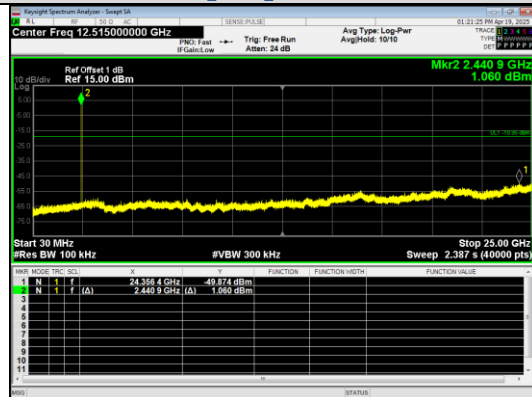
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 0



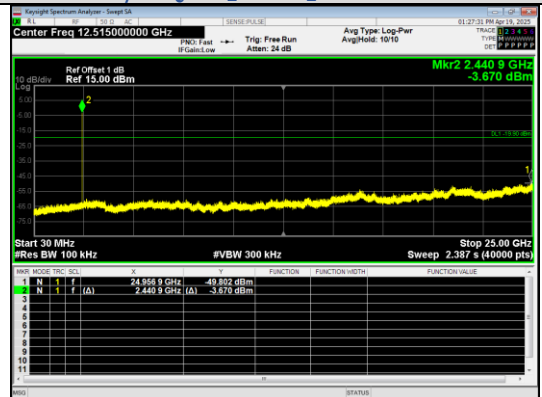
Out Of Band Emission
GFSK_DH5_Channel 39



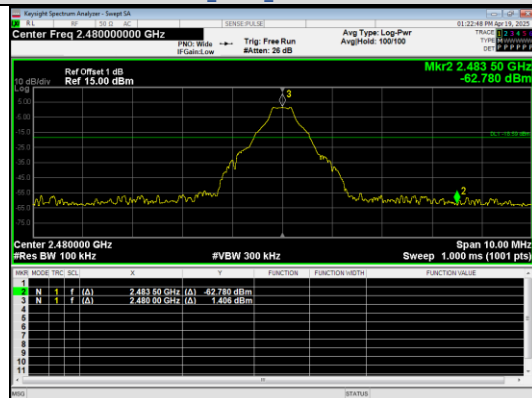
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39



30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



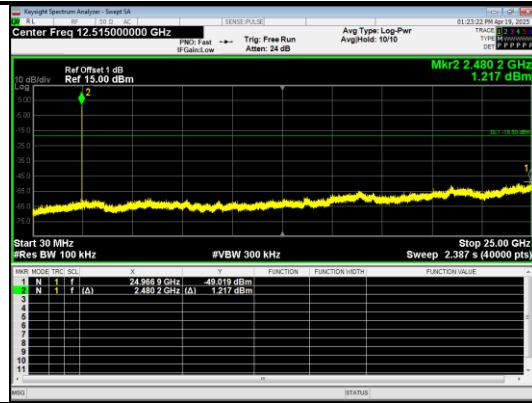
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39



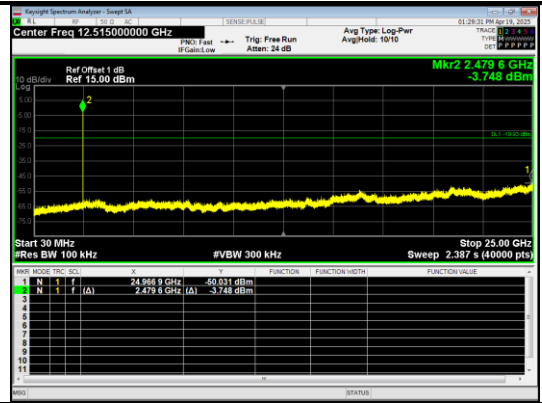
Out Of Band Emission
GFSK_DH5_Channel 78



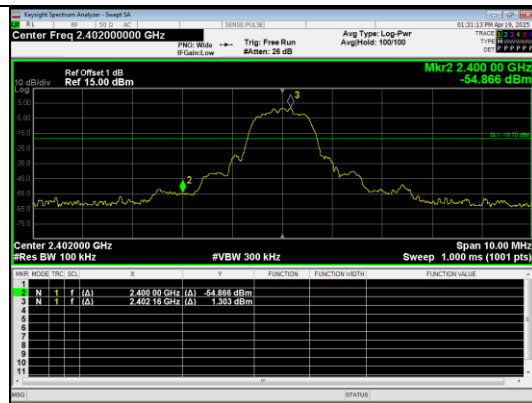
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



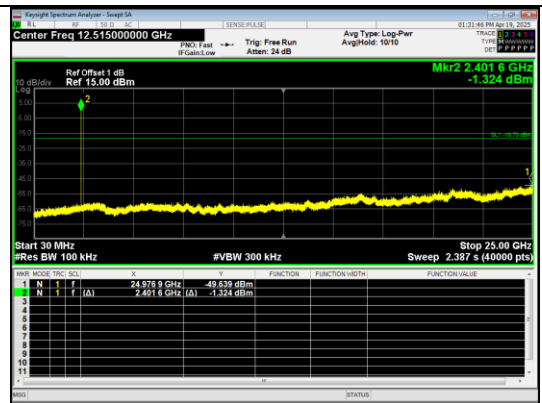
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



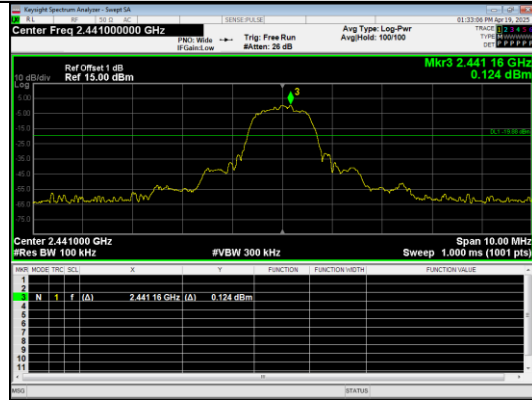
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78



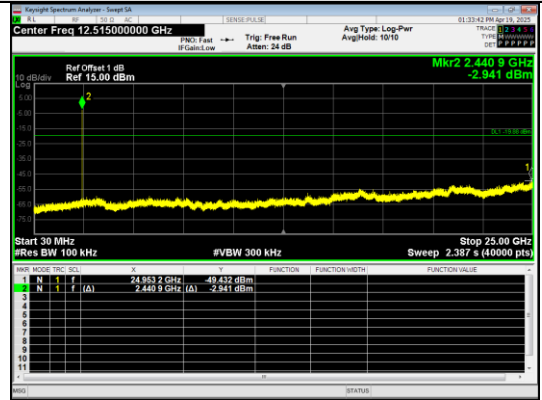
Out Of Band Emission
8DPSK_3-DH5_Channel 0



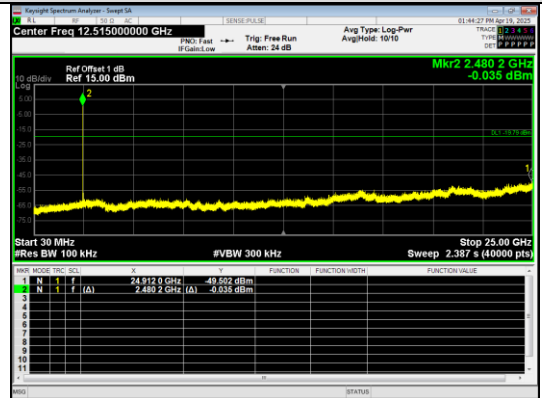
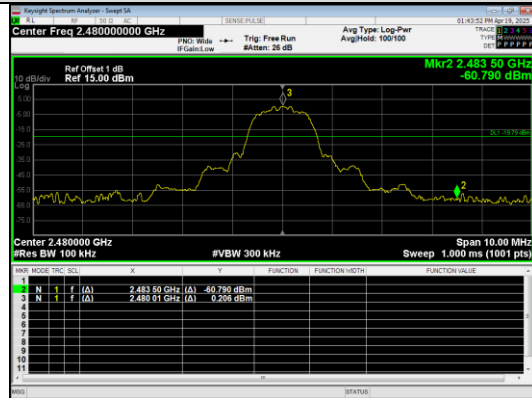
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0

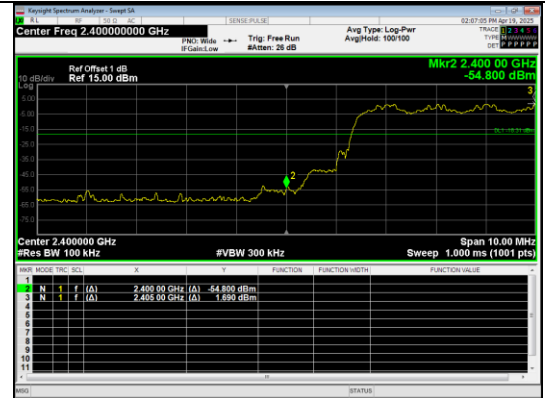
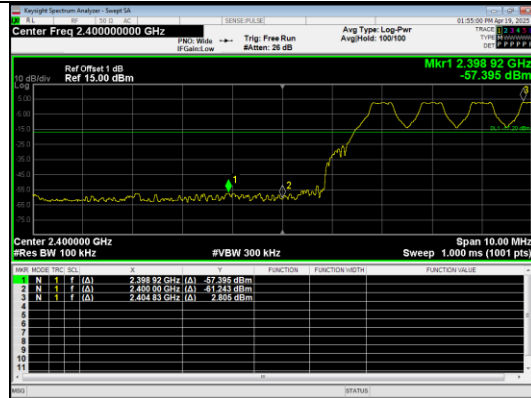
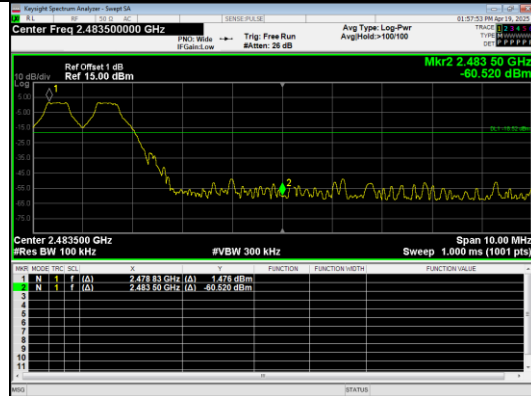
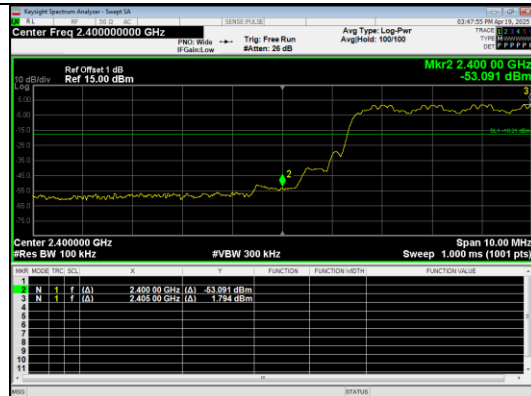


Out Of Band Emission
8DPSK_3-DH5_Channel 39



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

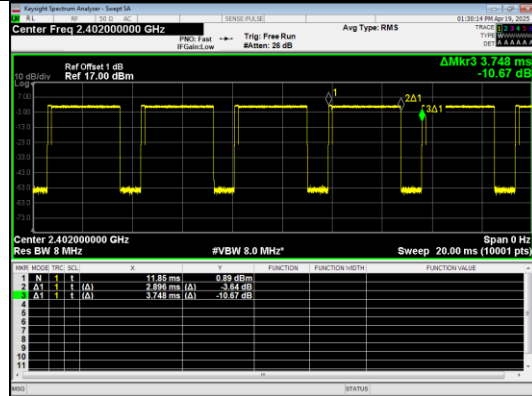
Modulation	Packets	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
GFSK	DH5	0	2.908	3.748	77.59	0.7759	1.1019	0.3439
		39	2.908	3.748	77.59	0.7759	1.1019	0.3439
		78	2.908	3.748	77.59	0.7759	1.1019	0.3439
$\pi/4$ DQPSK	2-DH5	0	2.898	3.748	77.32	0.7732	1.1171	0.3451
		39	2.898	3.748	77.32	0.7732	1.1171	0.3451
		78	2.896	3.748	77.27	0.7727	1.1199	0.3453
8DPSK	3-DH5	0	2.896	3.748	77.27	0.7727	1.1199	0.3453
		39	2.896	3.748	77.27	0.7727	1.1199	0.3453
		78	2.898	3.748	77.32	0.7732	1.1171	0.3451

Test Graphs

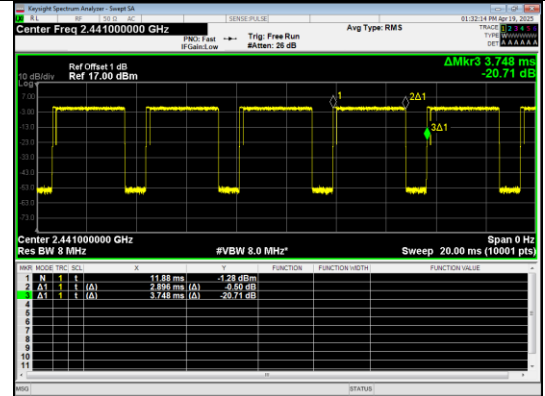




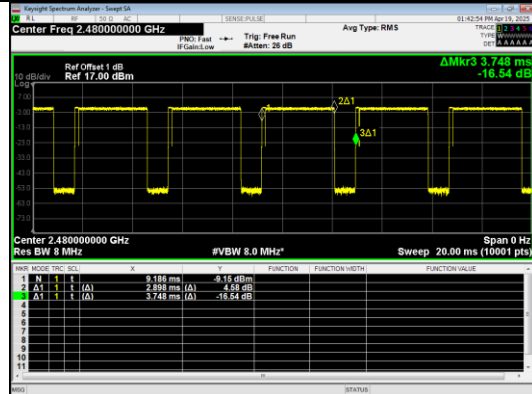
$\pi/4$ DQPSK(2-DH5)_Channel 39



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



8DPSK(3-DH5)_Channel 0



8DPSK(3-DH5)_Channel 39

8DPSK(3-DH5)_Channel 78

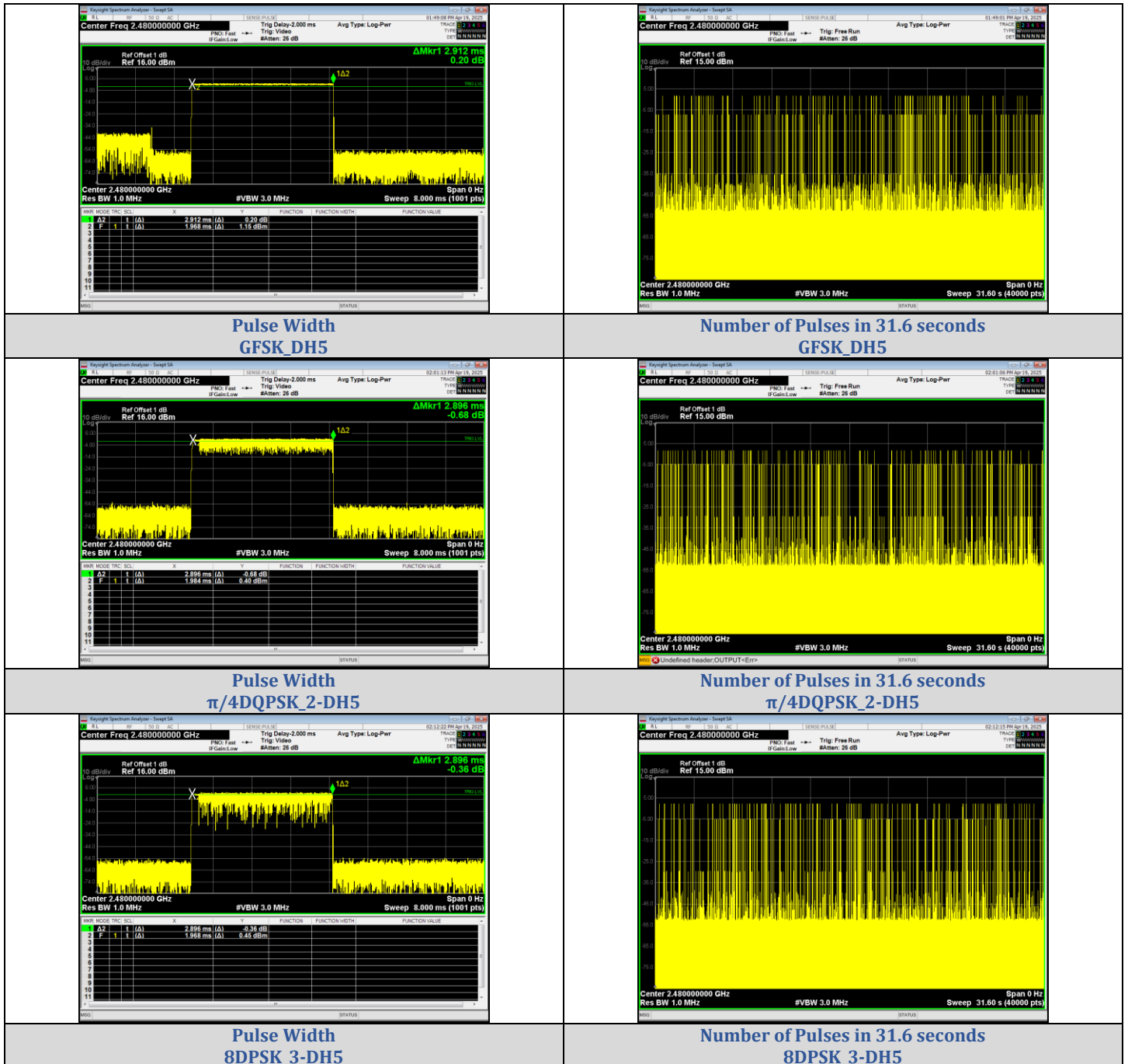


Dwell Time

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)	2.912	108	314.5	< 400	PASS
$\pi/4$ DQPSK	2-DH5		2.896	107	309.87		PASS
8DPSK	3-DH5		2.896	118	341.73		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

