

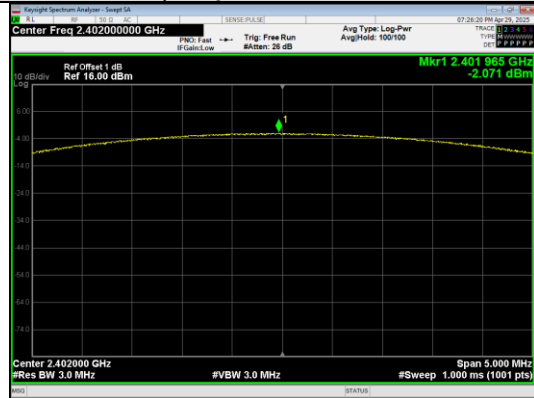
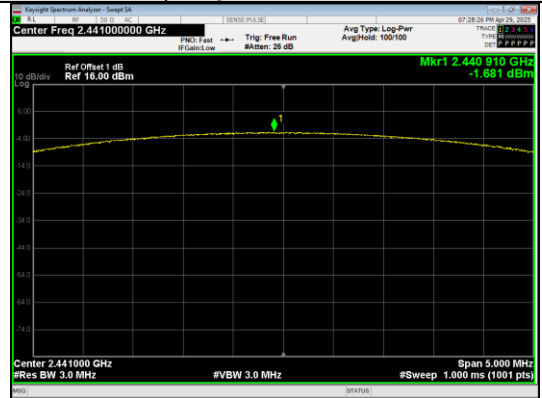
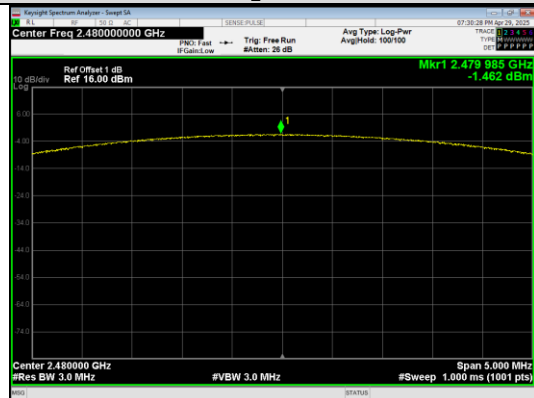
Conducted Output Power

Test Result

Modulation	Packet Type	Channel	Peak Output Power (dBm)	Limit (dBm)	Result
GFSK	DH5	0	-3.37	≤30	PASS
		39	-3.06		PASS
		78	-2.78		PASS
$\pi/4$ DQPSK	2-DH5	0	-2.47	≤20.97	PASS
		39	-2.16		PASS
		78	-1.86		PASS
8DPSK	3-DH5	0	-2.07		PASS
		39	-1.68		PASS
		78	-1.46		PASS

Test Graphs



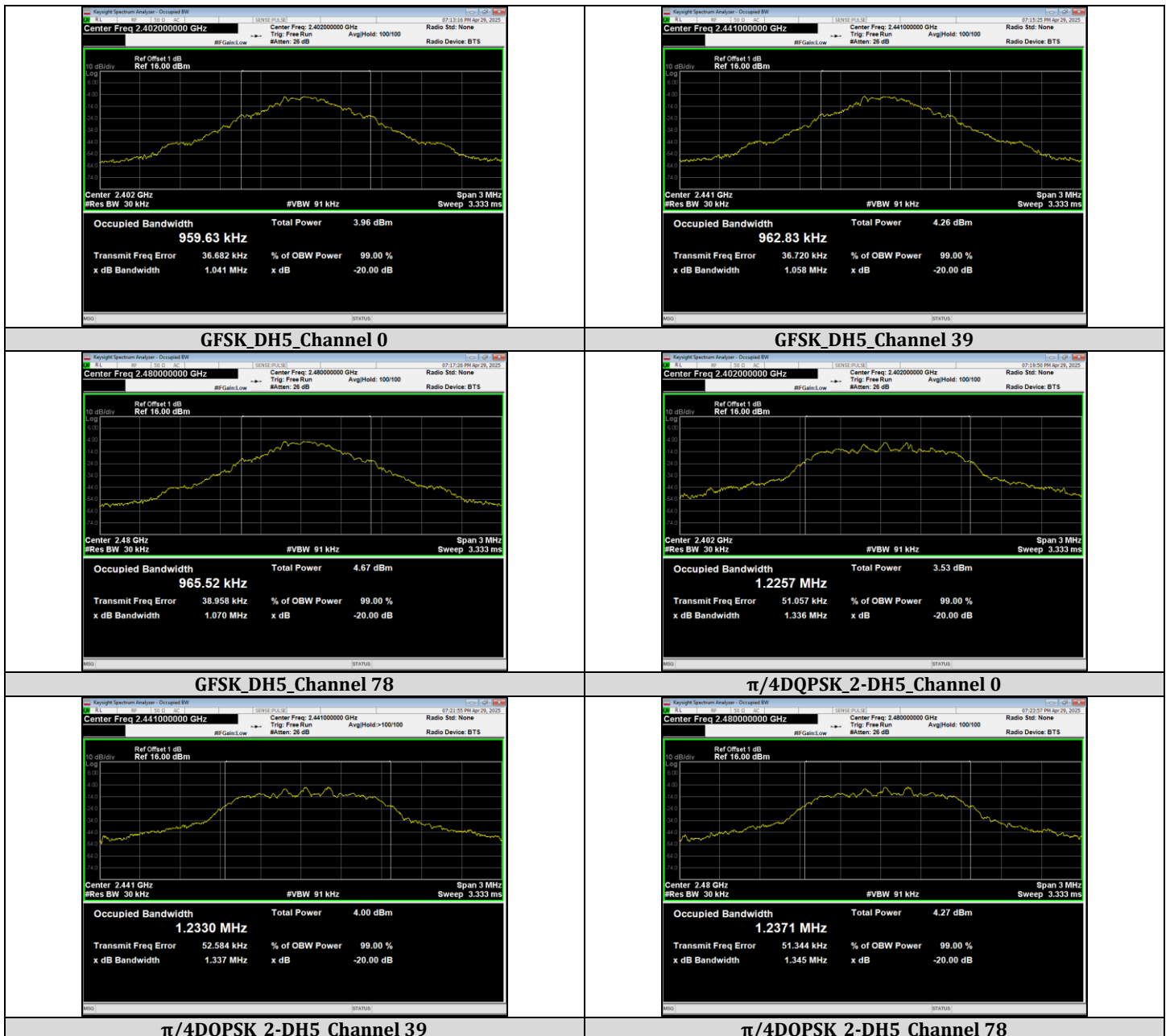
**Peak Output Power
 $\pi/4$ DQPSK_Channel 39****Peak Output Power
 $\pi/4$ DQPSK_Channel 78****Peak Output Power
8DPSK_Channel 0****Peak Output Power
8DPSK_Channel 39****Peak Output Power
8DPSK_Channel 78**

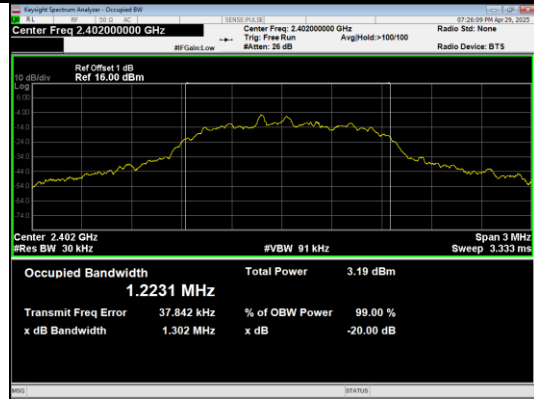
20dB Bandwidth

Test Result

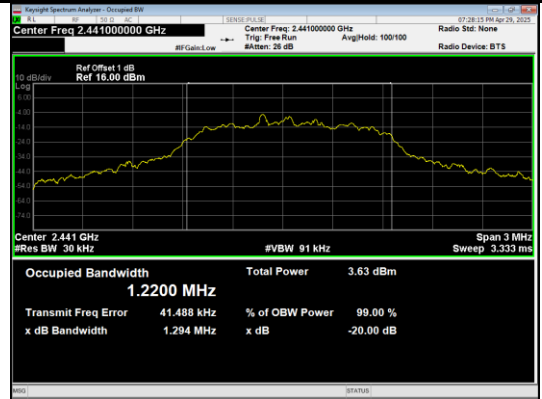
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	1.041
	39	2441 MHz	1.058
	78	2480 MHz	1.070
$\pi/4$ DQPSK	0	2402 MHz	1.336
	39	2441 MHz	1.337
	78	2480 MHz	1.345
8DPSK	0	2402 MHz	1.302
	39	2441 MHz	1.294
	78	2480 MHz	1.286

Test Graphs

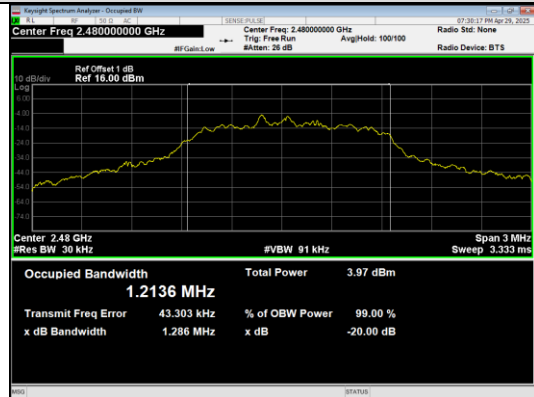




8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 39



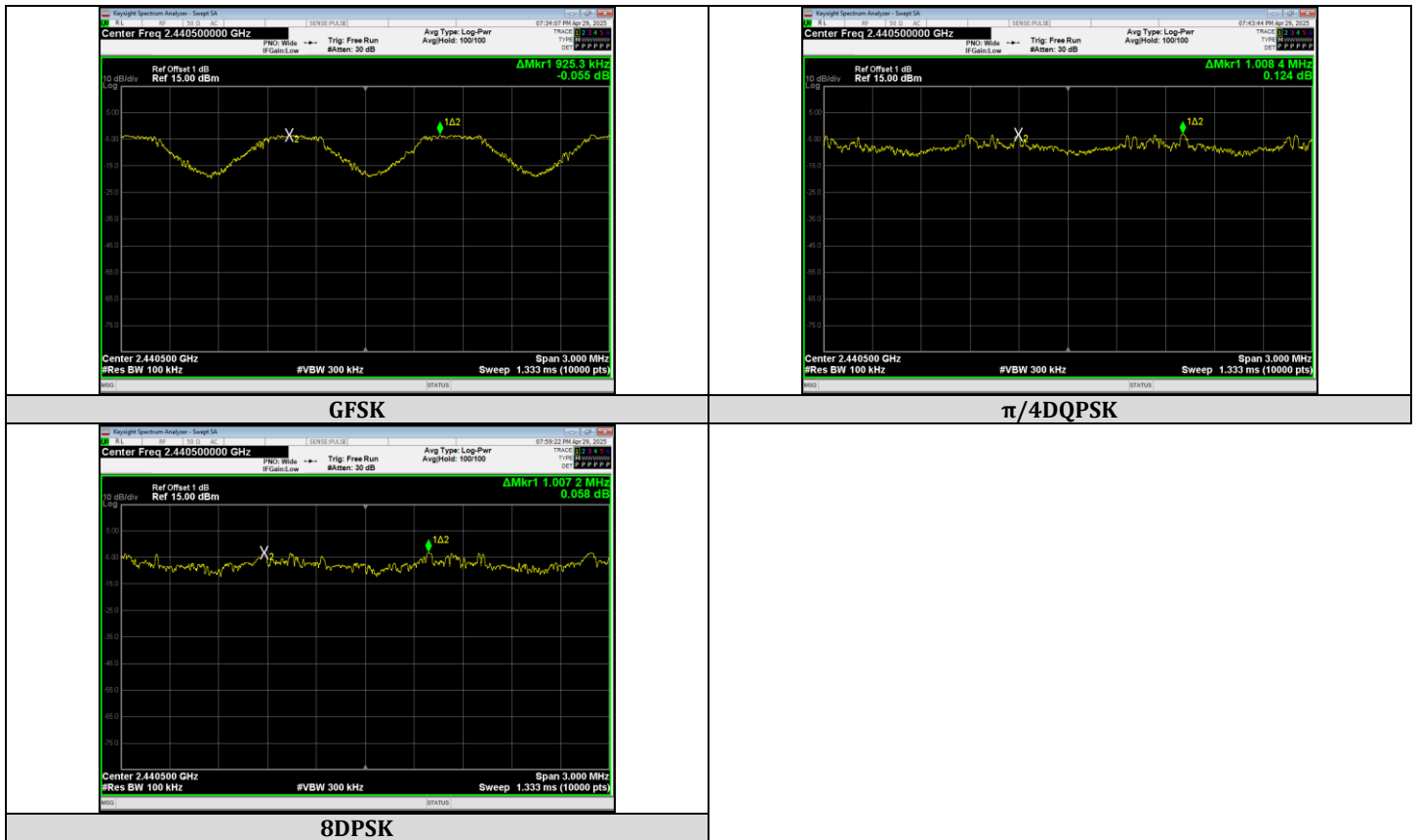
8DPSK_3-DH5_Channel 78

Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.0342	2440.9595	0.9253	0.713	PASS
$\pi/4$ DQPSK	2-DH5	2440.1953	2441.2037	1.0084	0.897	PASS
8DPSK	3-DH5	2439.8791	2440.8863	1.0072	0.868	PASS

Test Graphs

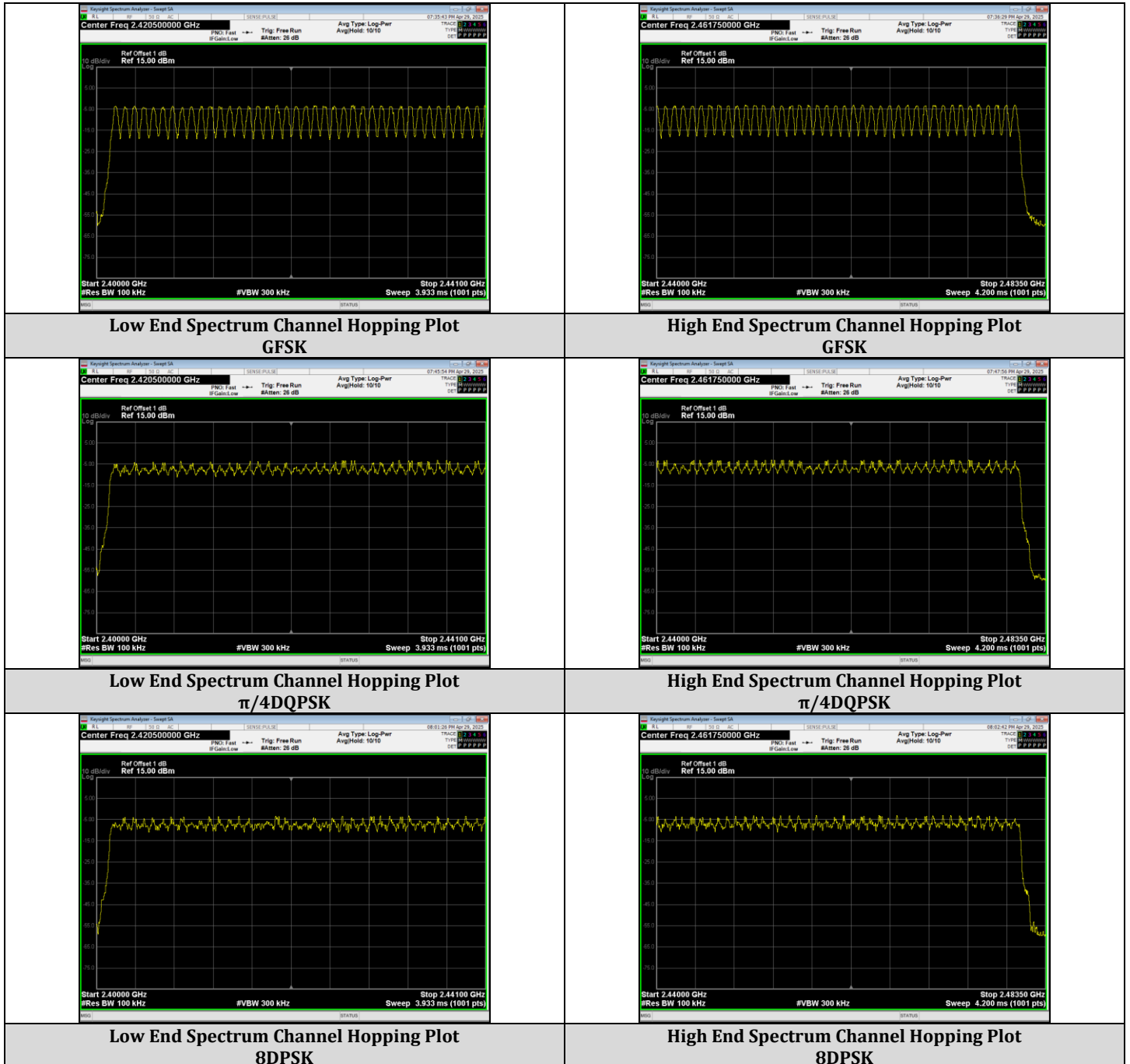


Number Of Hopping Channel

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

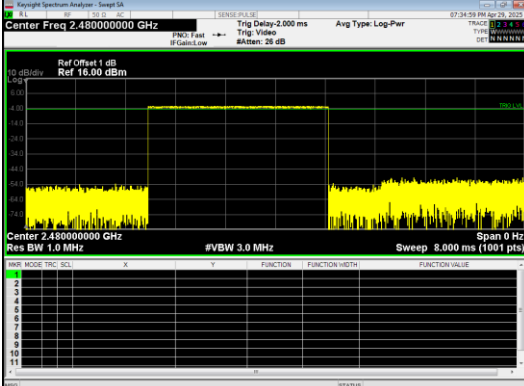
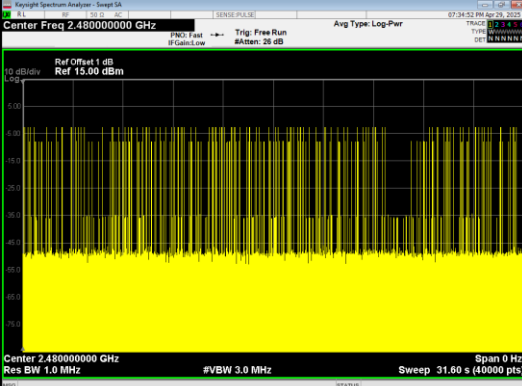
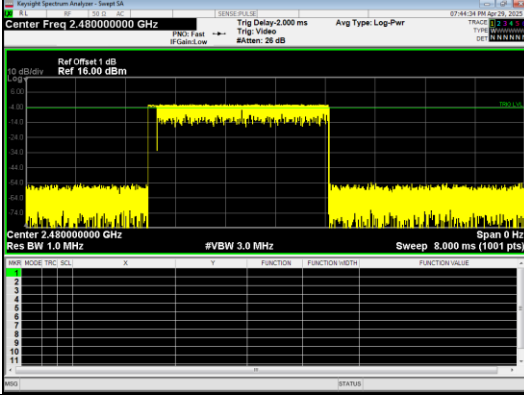
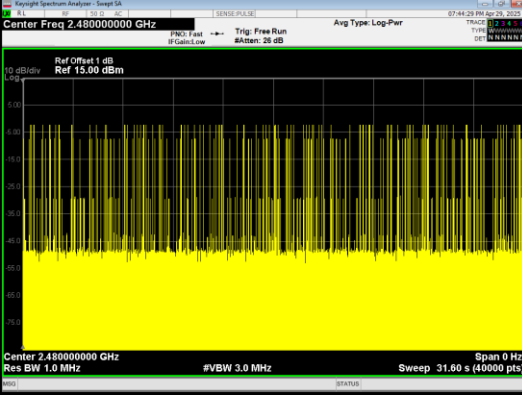
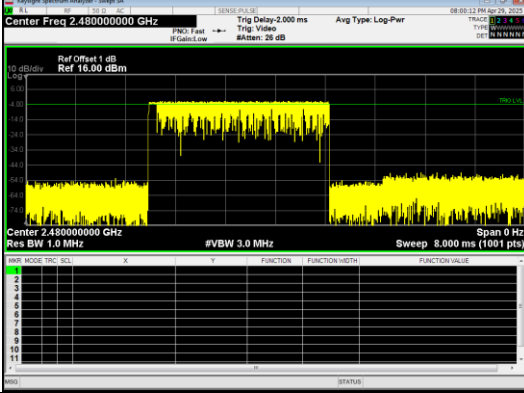


Dwell Time

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)	2.880	107	308.16	< 400	PASS
$\pi/4$ DQPSK	2-DH5		2.896	103	298.29		PASS
8DPSK	3-DH5		2.880	112	322.56		PASS

Test Graphs

	
Pulse Width GFSK_DH5	Number of Pulses in 31.6 seconds GFSK_DH5
	
Pulse Width $\pi/4$DQPSK_2-DH5	Number of Pulses in 31.6 seconds $\pi/4$DQPSK_2-DH5
	
Pulse Width 8DPSK_3-DH5	Number of Pulses in 31.6 seconds 8DPSK_3-DH5

Conducted Out Of Band Emission

Test Result

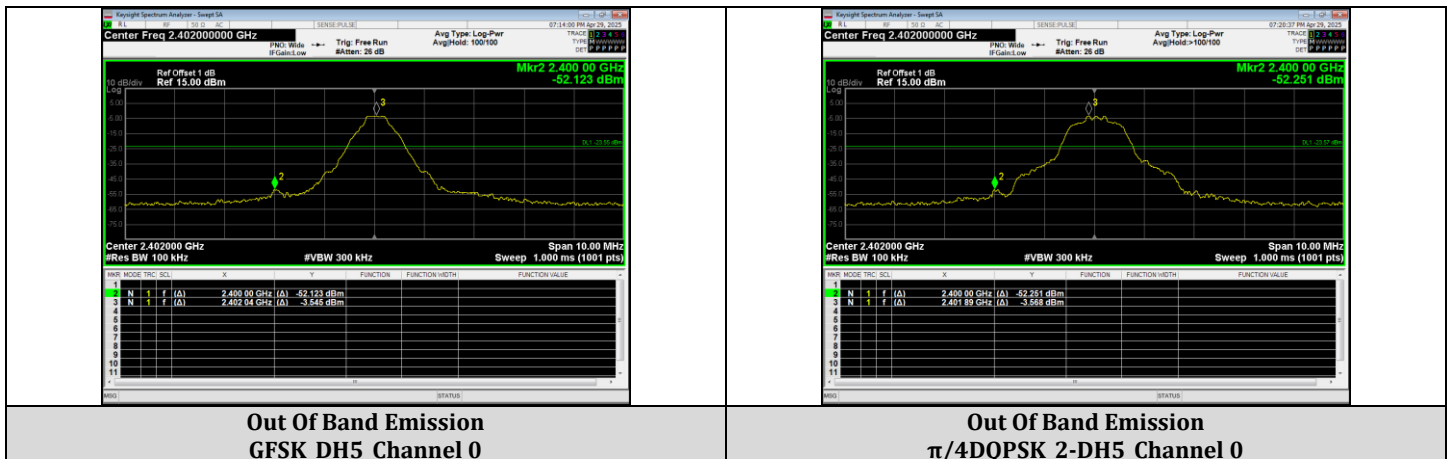
Non-Hopping

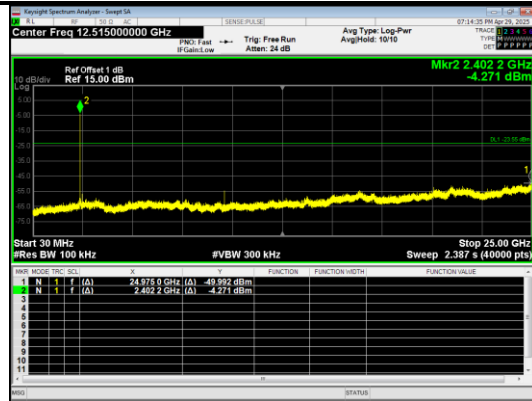
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-52.123	-23.55	-28.573	PASS
			24975.0	-49.992	-23.55	-26.442	PASS
		39	24951.3	-48.718	-23.25	-25.468	PASS
			2483.50	-59.235	-22.97	-36.265	PASS
$\pi/4$ DQPSK	2-DH5	0	24975.0	-50.230	-22.97	-27.260	PASS
			2400.00	-52.251	-23.57	-28.681	PASS
		39	24913.8	-49.890	-23.57	-26.320	PASS
			24374.5	-50.047	-23.3	-26.747	PASS
8DPSK	3-DH5	0	2483.50	-60.041	-23.07	-36.971	PASS
			24870.8	-50.195	-23.07	-27.125	PASS
		39	2400.00	-53.159	-23.55	-29.609	PASS
			24889.5	-50.097	-23.55	-26.547	PASS
8DPSK	3-DH5	78	24974.4	-49.899	-23.31	-26.589	PASS
			2483.50	-59.823	-23.02	-36.803	PASS
		78	24302.1	-49.783	-23.02	-26.763	PASS
			2400.00	-53.159	-23.55	-29.609	PASS

Hopping

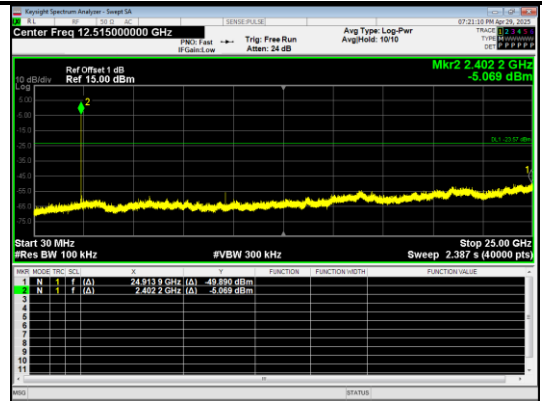
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2400.00	-54.960	-23.56	-31.400	PASS
			2483.50	-59.201	-22.95	-36.251	PASS
$\pi/4$ DQPSK	2-DH5		2400.00	-52.491	-23.56	-28.931	PASS
			2483.50	-58.386	-23.06	-35.326	PASS
8DPSK	3-DH5		2400.00	-54.521	-23.43	-31.091	PASS
			2483.50	-58.983	-23.06	-35.923	PASS

Test Graphs

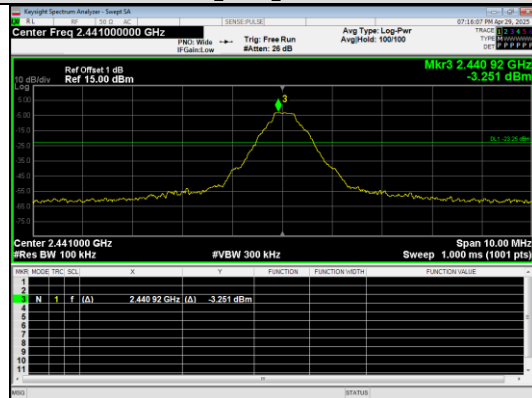




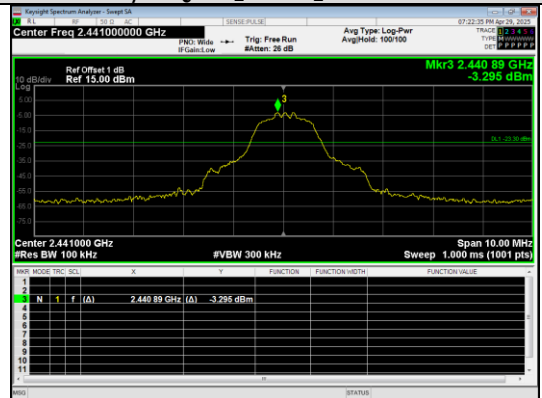
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 0



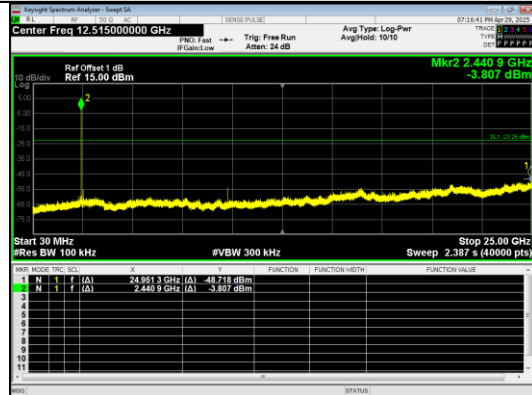
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 0



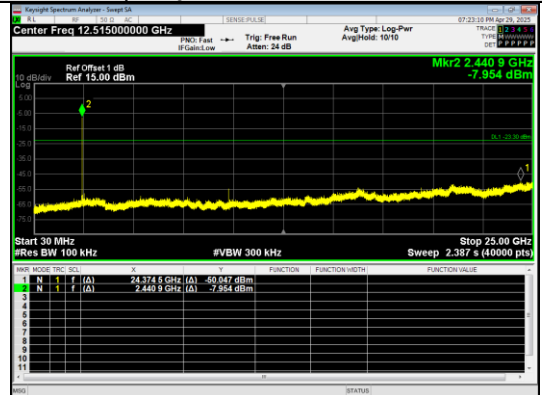
Out Of Band Emission
GFSK_DH5_Channel 39



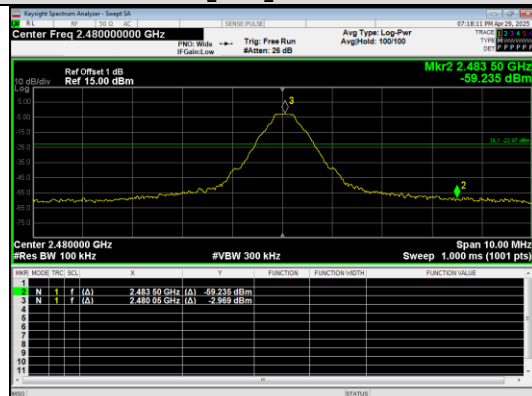
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39



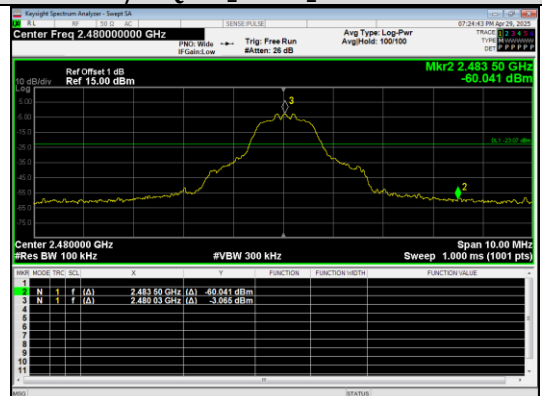
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



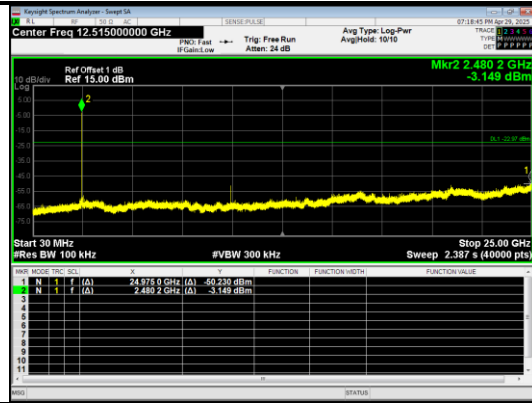
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39



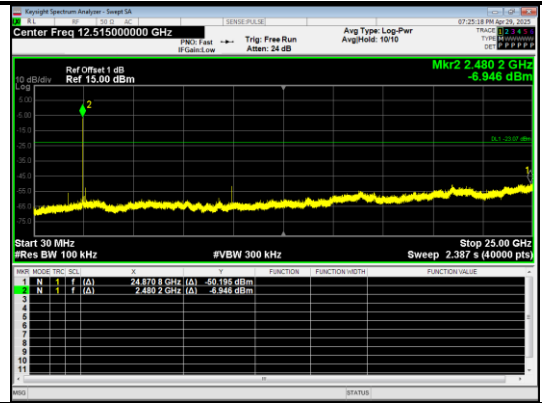
Out Of Band Emission
GFSK_DH5_Channel 78



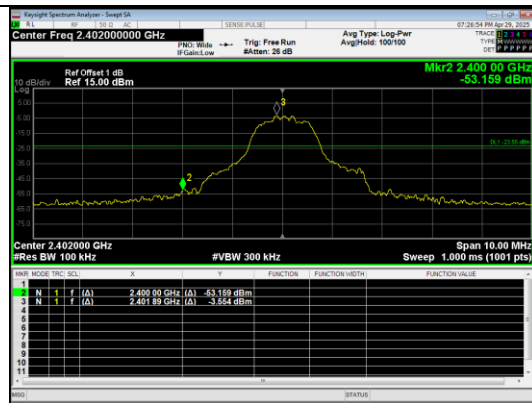
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



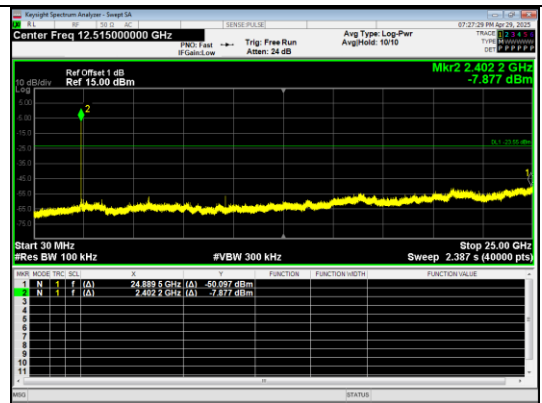
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



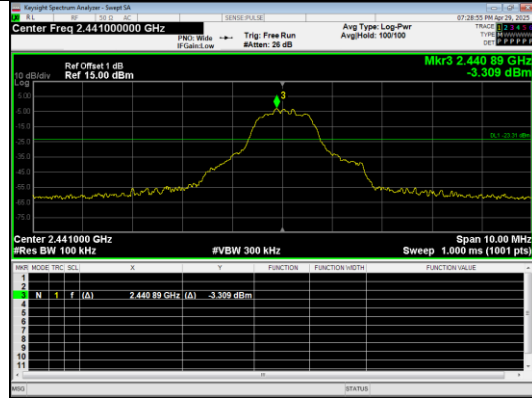
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78



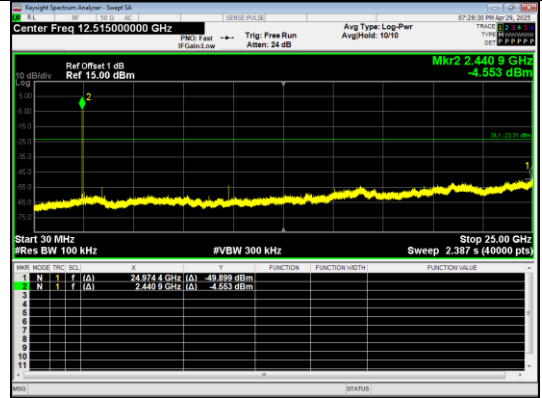
Out Of Band Emission
8DPSK_3-DH5_Channel 0



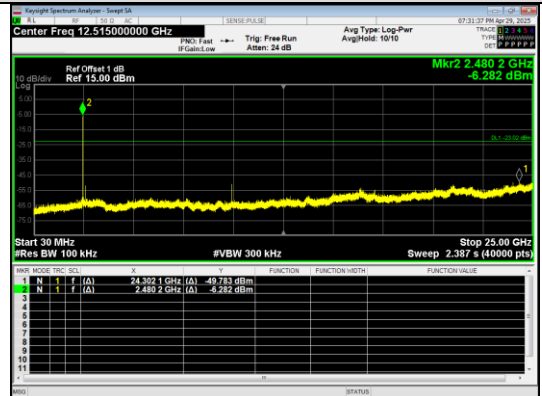
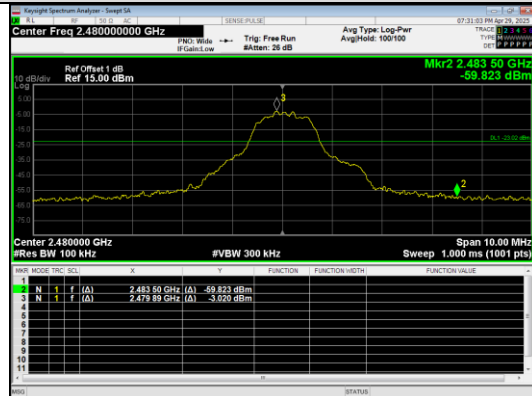
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0

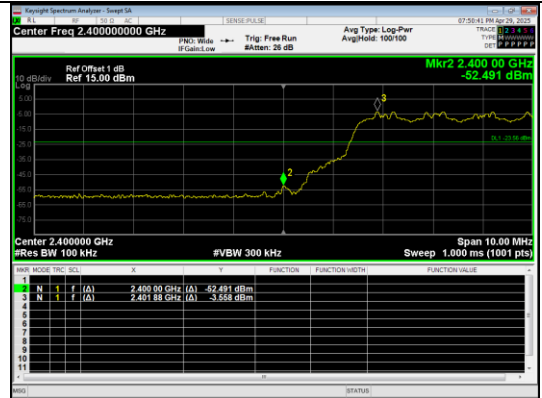
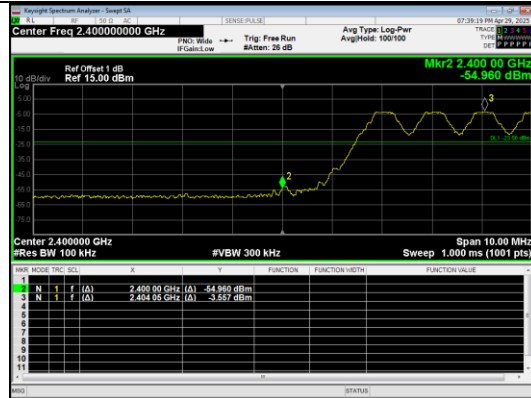
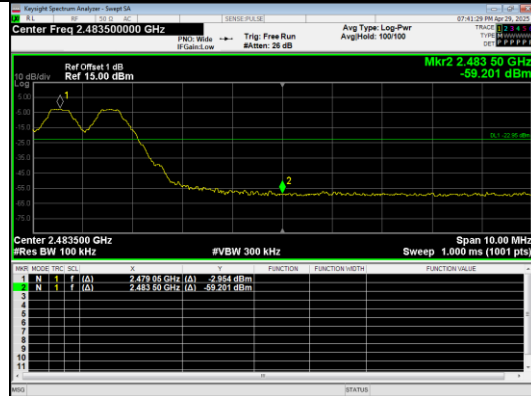
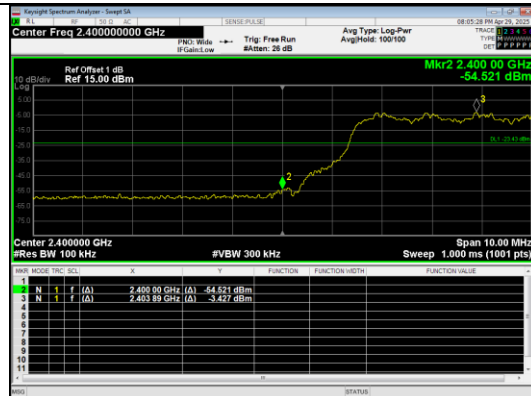


Out Of Band Emission
8DPSK_3-DH5_Channel 39



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**

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