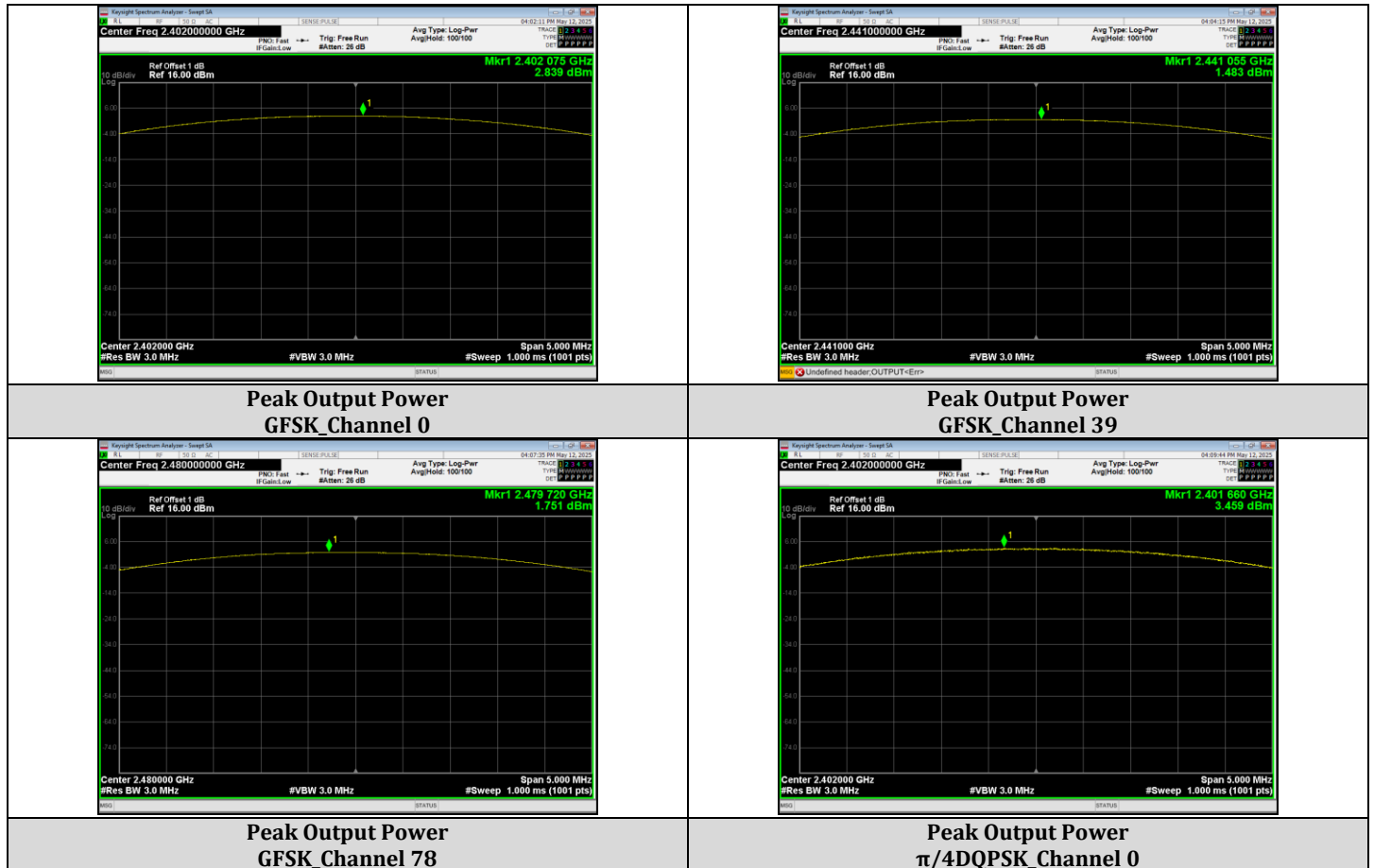


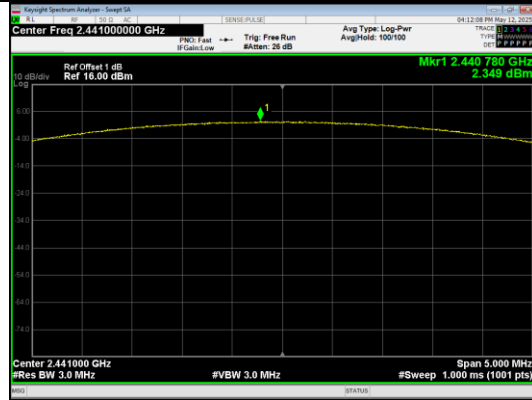
Conducted Output Power

Test Result

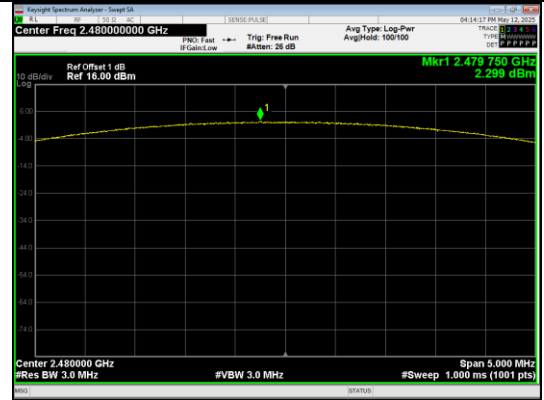
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Limit (dBm)	Result
GFSK	DH5	0	2.84	≤30	PASS
		39	1.48		PASS
		78	1.75		PASS
$\pi/4$ DQPSK	2-DH5	0	3.46	≤20.97	PASS
		39	2.35		PASS
		78	2.30		PASS
8DPSK	3-DH5	0	3.71		PASS
		39	2.58		PASS
		78	2.48		PASS

Test Graphs

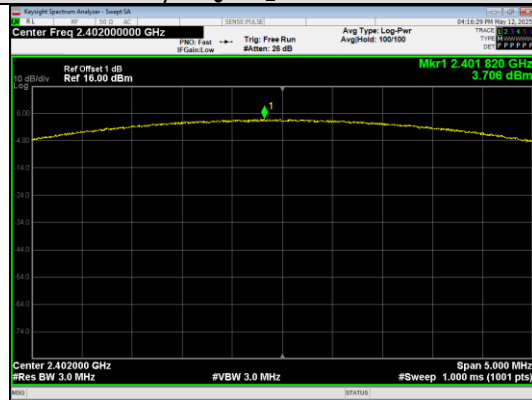




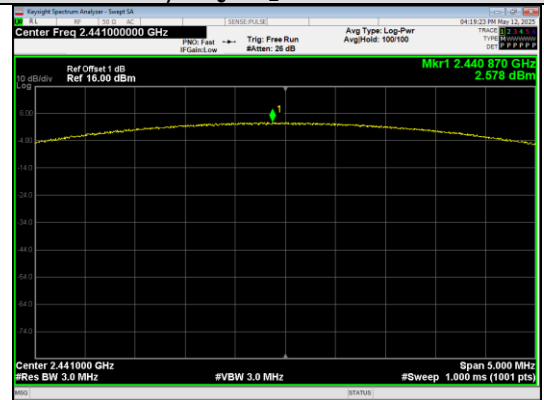
Peak Output Power
 $\pi/4$ DQPSK_Channel 39



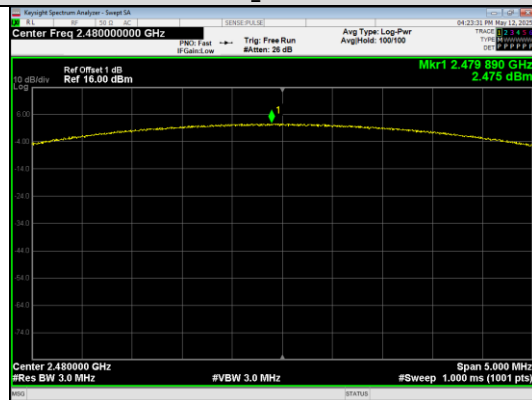
Peak Output Power
 $\pi/4$ DQPSK_Channel 78



Peak Output Power
8DPSK_Channel 0



Peak Output Power
8DPSK_Channel 39

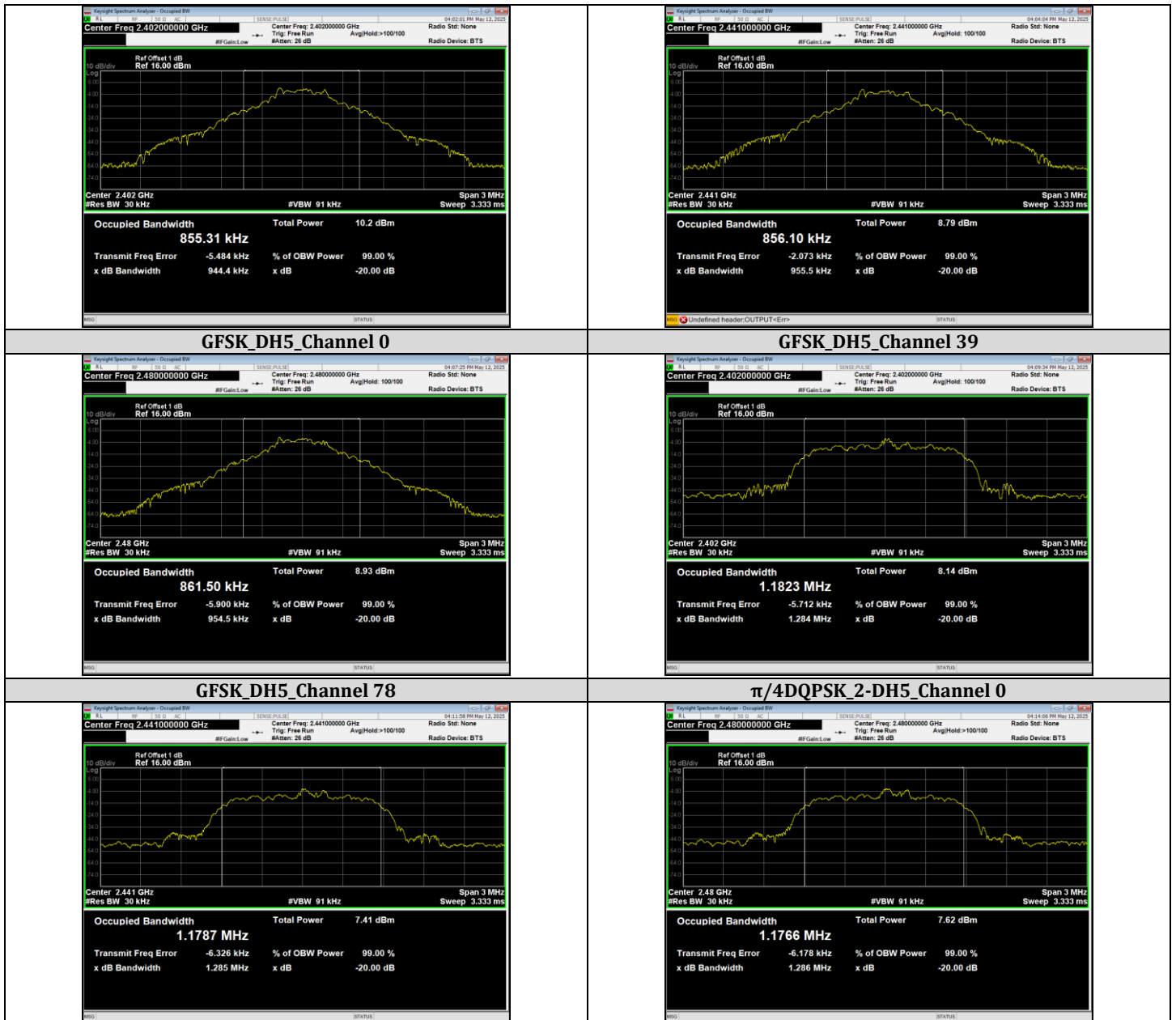


Peak Output Power
8DPSK_Channel 78

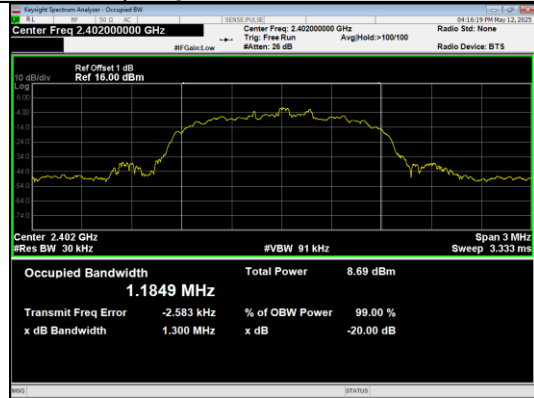
20dB Bandwidth Test Result

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9444
	39	2441 MHz	0.9555
	78	2480 MHz	0.9545
$\pi/4$ DQPSK	0	2402 MHz	1.284
	39	2441 MHz	1.285
	78	2480 MHz	1.286
8DPSK	0	2402 MHz	1.300
	39	2441 MHz	1.297
	78	2480 MHz	1.298

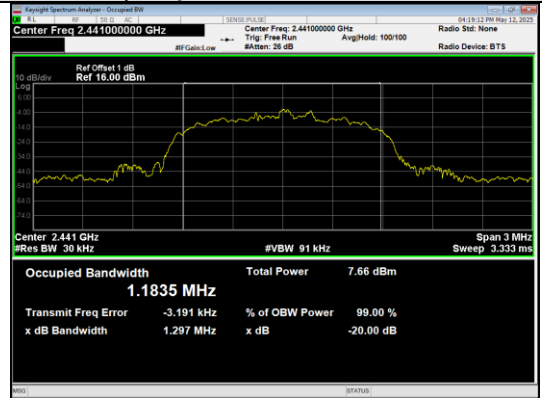
Test Graphs



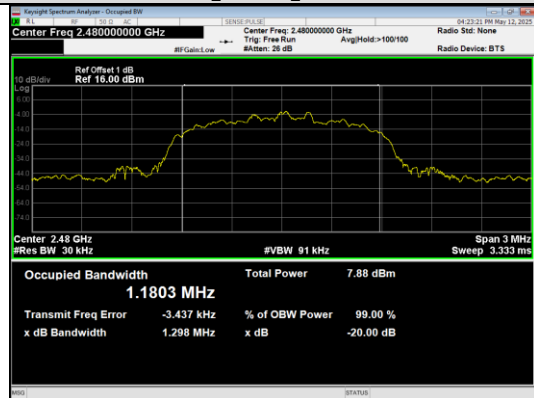
$\pi/4$ DQPSK 2-DH5_Channel 39



$\pi/4$ DQPSK 2-DH5_Channel 78



8DPSK 3-DH5_Channel 0



8DPSK 3-DH5_Channel 39

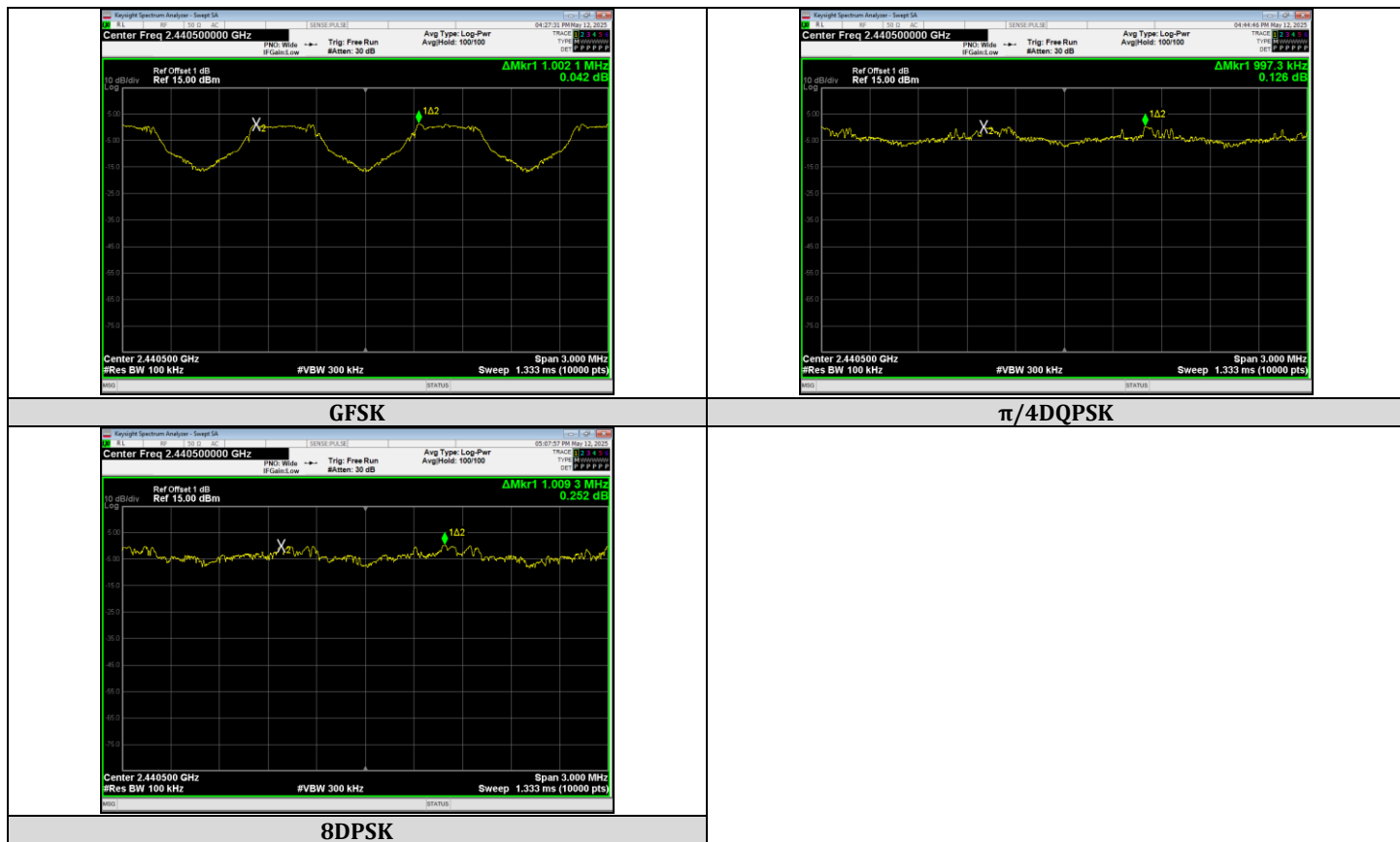
8DPSK 3-DH5_Channel 78

Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.8278	2440.8299	1.0021	0.637	PASS
$\pi/4$ DQPSK	2-DH5	2440.0018	2440.9991	0.9973	0.857	PASS
8DPSK	3-DH5	2439.9805	2440.9898	1.0093	0.867	PASS

Test Graphs

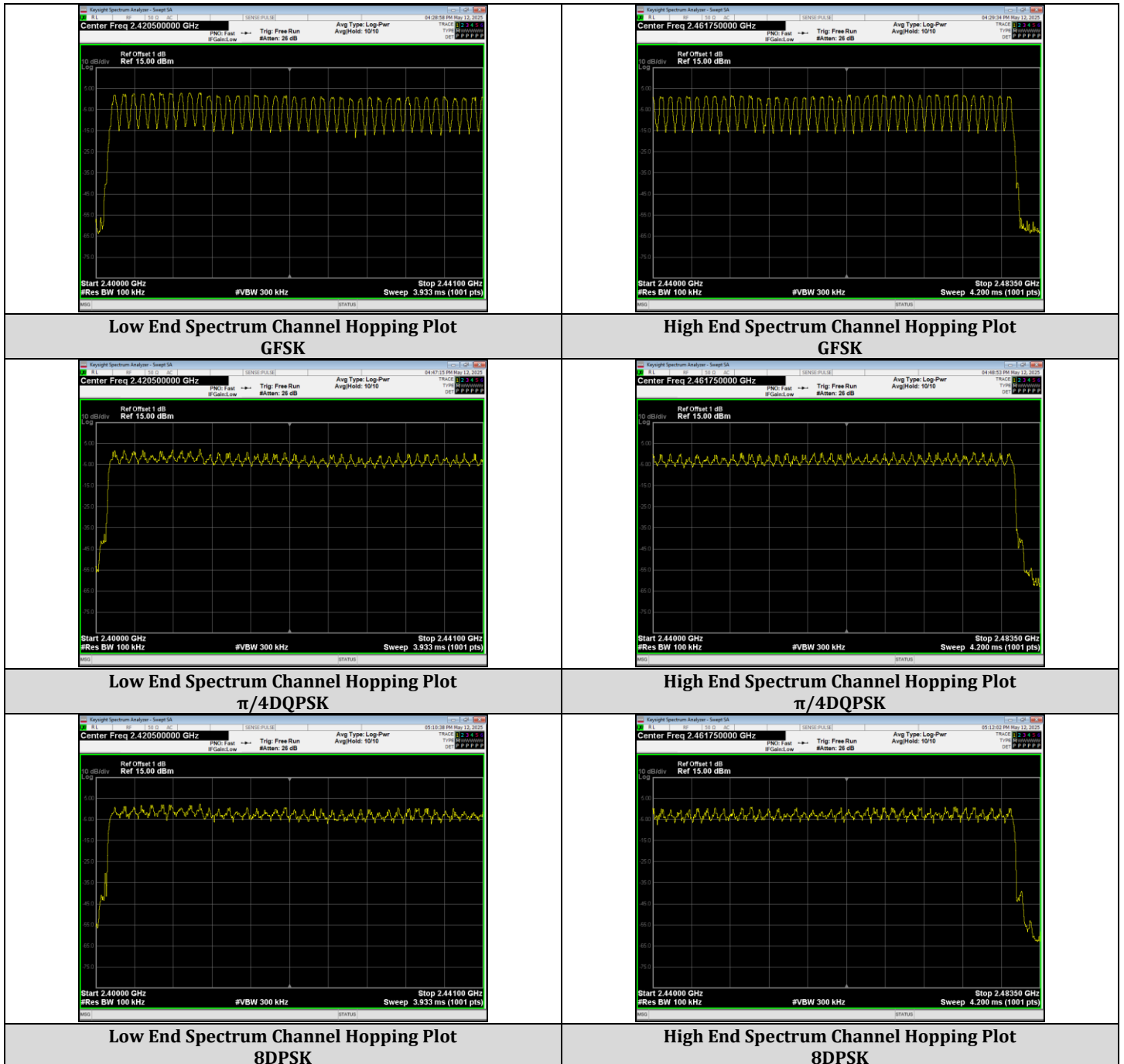


Number Of Hopping Channel

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

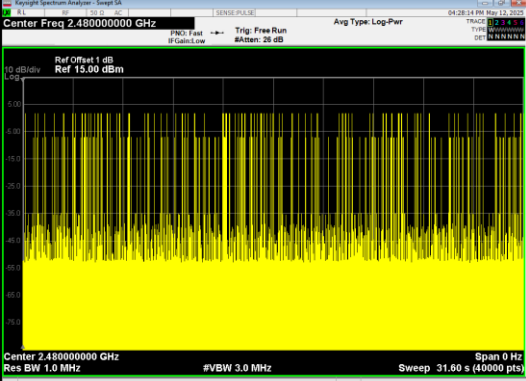
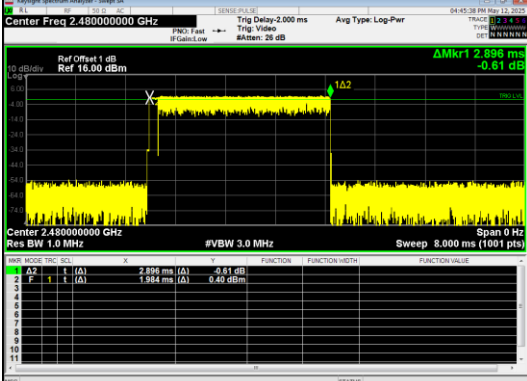
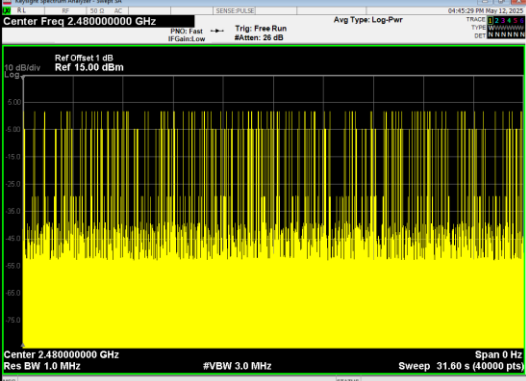
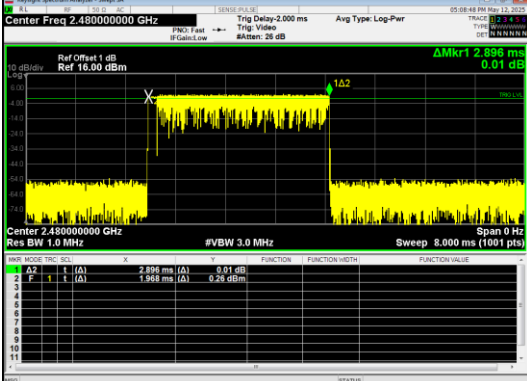


Dwell Time

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)	2.912	108	314.5	< 400	PASS
$\pi/4$ DQPSK	2-DH5		2.896	108	312.77		PASS
8DPSK	3-DH5		2.896	97	280.91		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

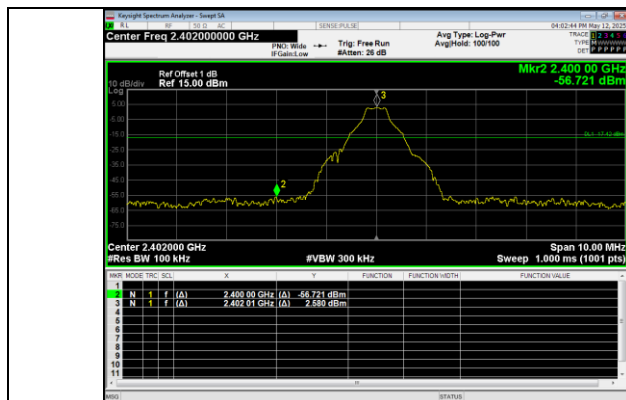
Non-Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-56.721	-17.42	-39.301	PASS
			24935.1	-49.966	-17.42	-32.546	PASS
		39	24410.7	-49.821	-18.79	-31.031	PASS
		78	2483.50	-63.486	-18.52	-44.966	PASS
			24976.9	-49.306	-18.52	-30.786	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-54.118	-18.6	-35.518	PASS
			24864.5	-48.824	-18.6	-30.224	PASS
		39	24956.3	-50.124	-19.72	-30.404	PASS
		78	2483.50	-58.733	-19.69	-39.043	PASS
			24888.3	-49.884	-19.69	-30.194	PASS
8DPSK	3-DH5	0	2400.00	-55.047	-18.57	-36.477	PASS
			24942.6	-49.751	-18.57	-31.181	PASS
		39	24852.7	-49.985	-19.72	-30.265	PASS
		78	2483.50	-60.491	-19.72	-40.771	PASS
			24938.2	-50.005	-19.72	-30.285	PASS

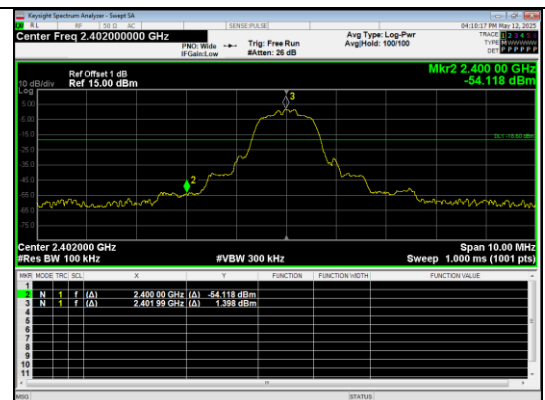
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.92	-56.752	-17.17	-39.582	PASS
			2400.00	-59.618	-17.17	-42.448	PASS
			2483.50	-59.668	-18.48	-41.188	PASS
$\pi/4$ DQPSK	2-DH5		2400.00	-53.995	-18.44	-35.555	PASS
			2483.50	-59.950	-19.72	-40.230	PASS
8DPSK	3-DH5		2400.00	-54.486	-18.46	-36.026	PASS
			2483.50	-62.388	-19.69	-42.698	PASS

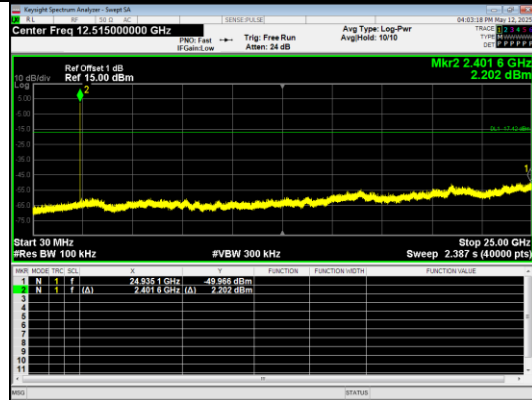
Test Graphs



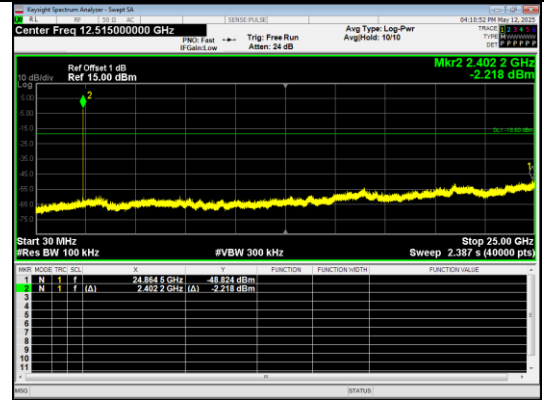
Out Of Band Emission
GFSK_DH5_Channel 0



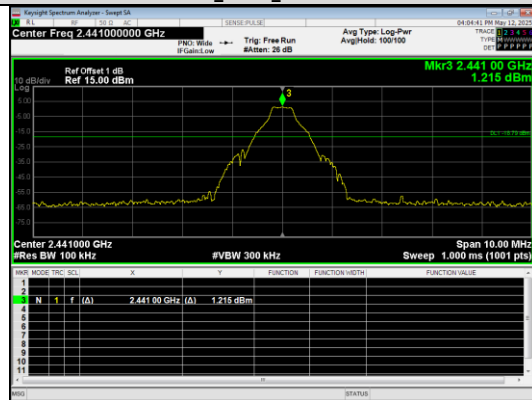
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0



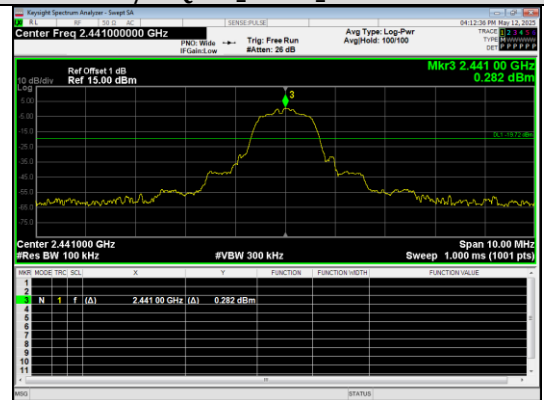
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 0



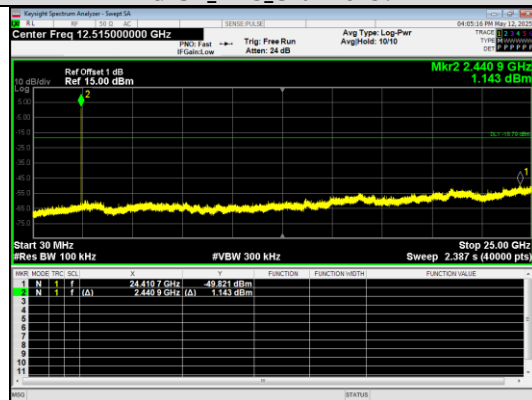
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 0



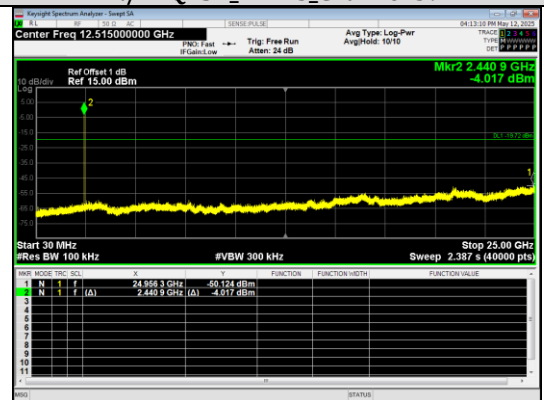
Out Of Band Emission
GFSK_DH5_Channel 39



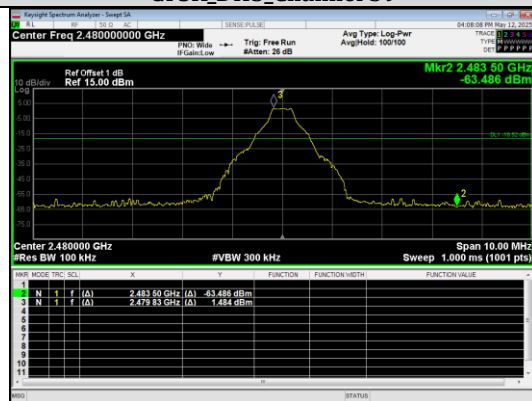
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39



30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



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

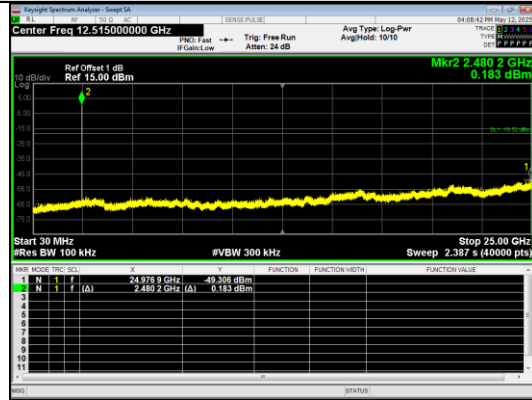


Out Of Band Emission



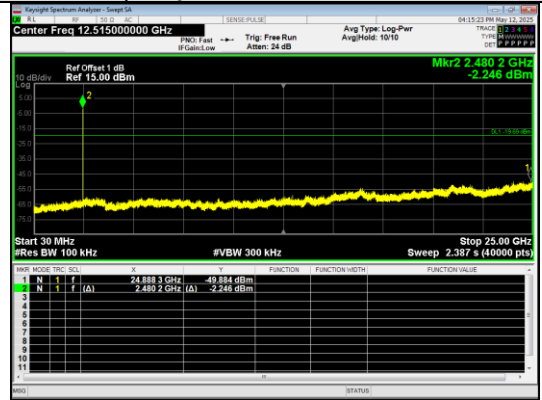
Out Of Band Emission

GFSK_DH5_Channel 78

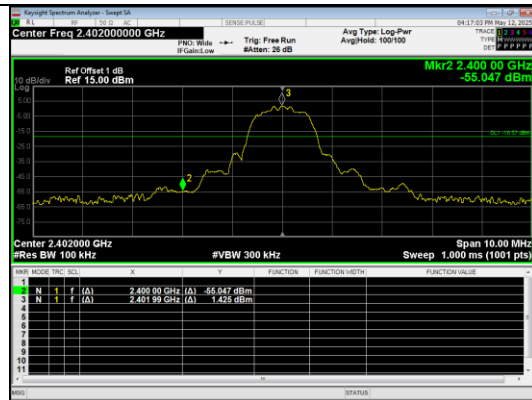


30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78

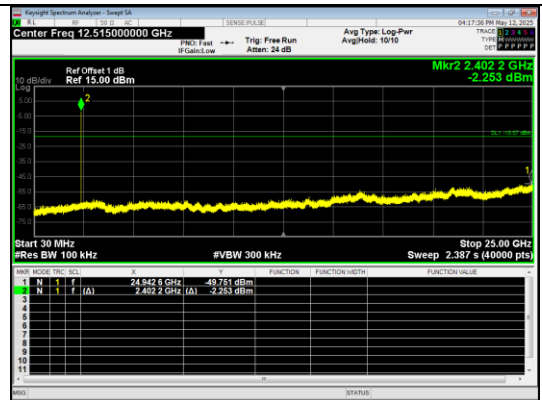
$\pi/4$ DQPSK_2-DH5_Channel 78



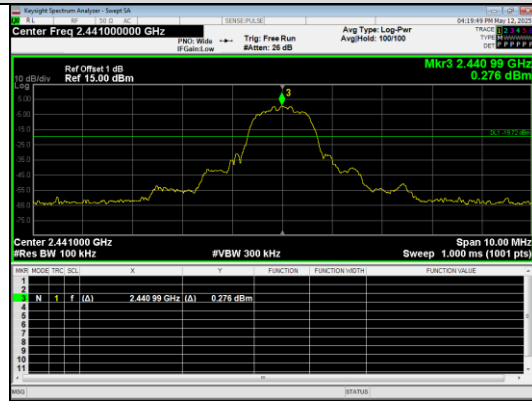
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78



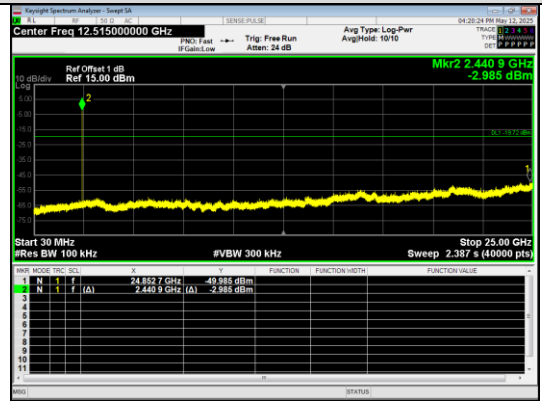
Out Of Band Emission
8DPSK_3-DH5_Channel 0



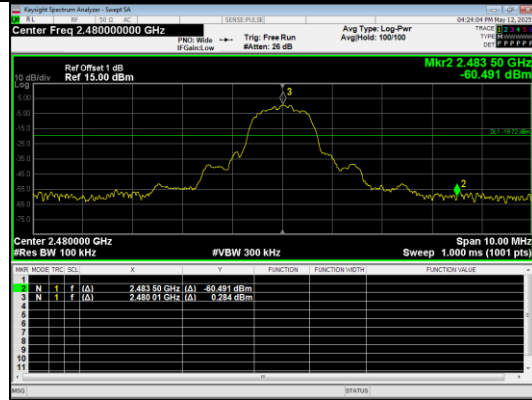
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



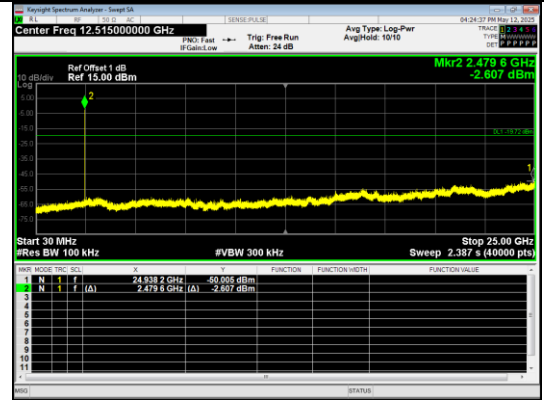
Out Of Band Emission
8DPSK_3-DH5_Channel 39



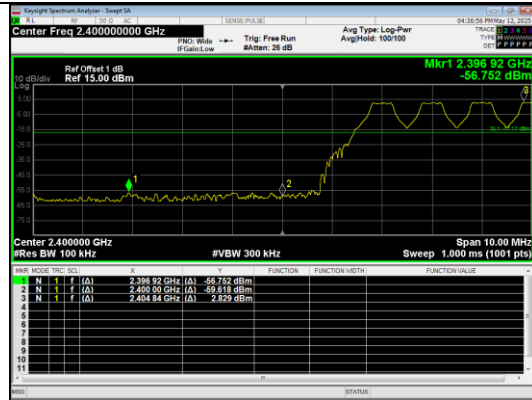
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39



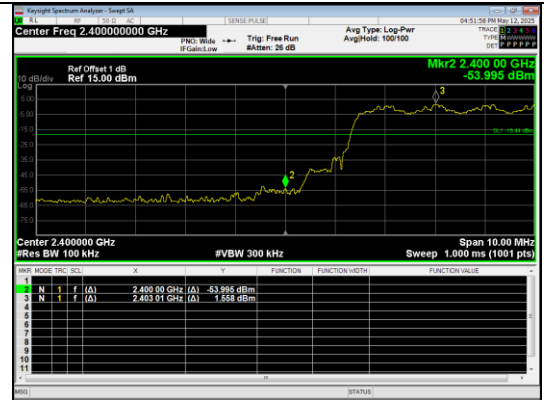
Out Of Band Emission
8DPSK_3-DH5_Channel 78



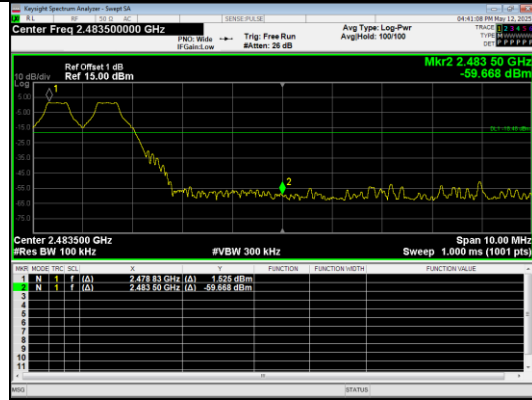
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78



Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



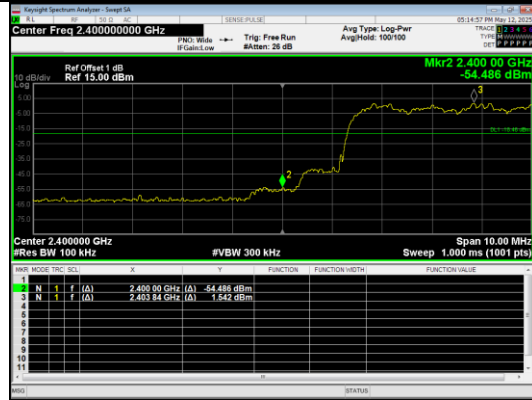
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



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 *****