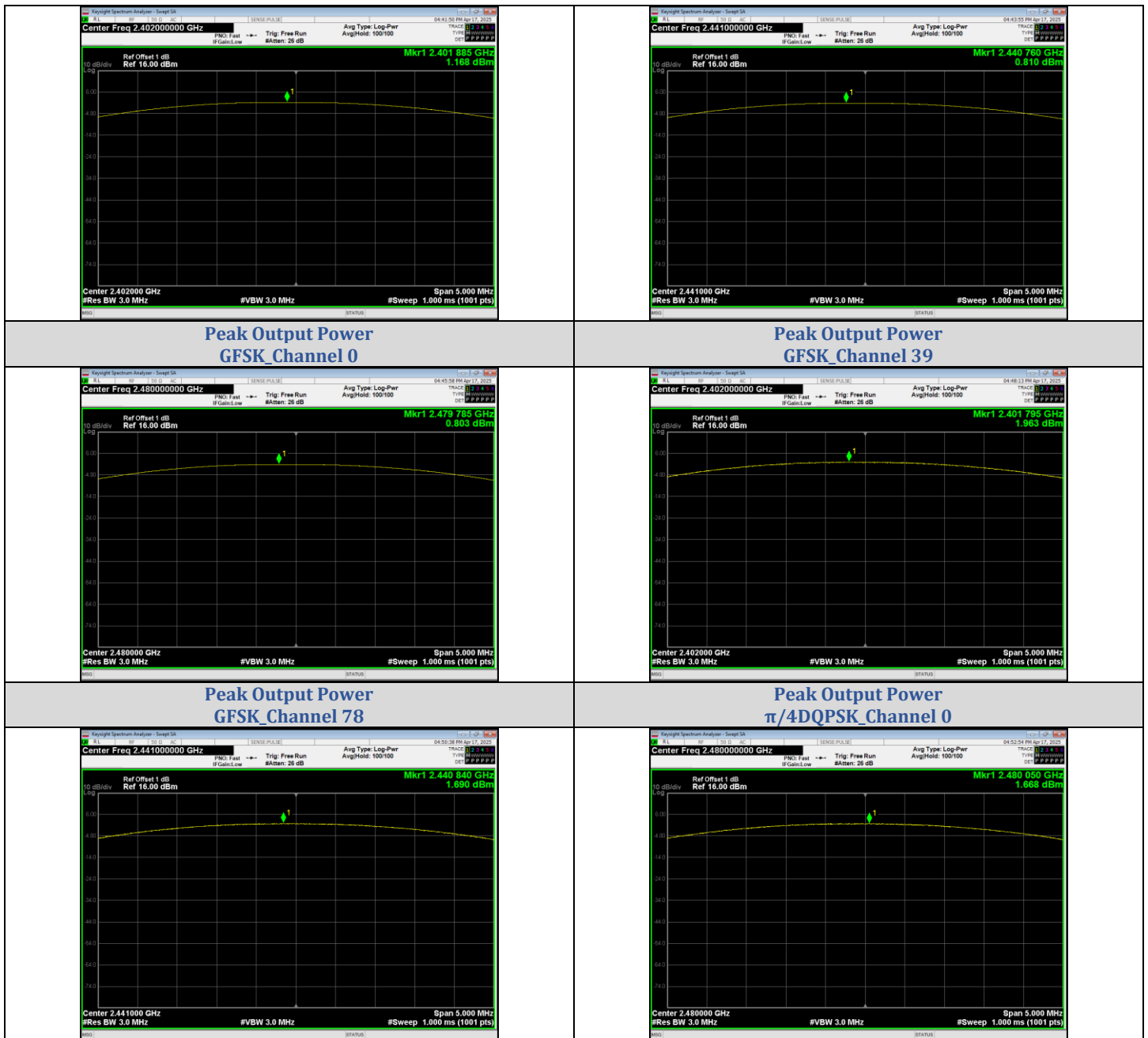


Conducted Output Power

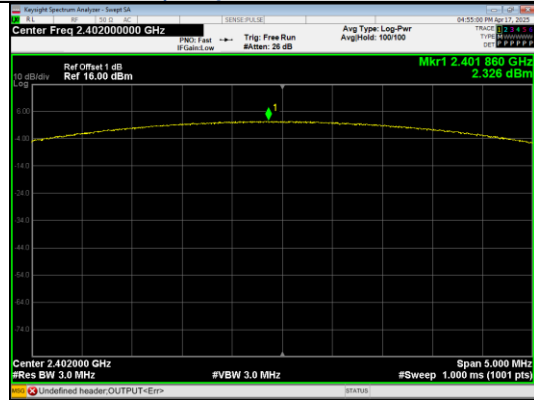
Test Result

Modulation	Packet Type	Channel	Peak Output Power (dBm)	Limit (dBm)	Result
GFSK	DH5	0	1.17	≤ 30	PASS
		39	0.81		PASS
		78	0.80		PASS
$\pi/4$ DQPSK	2-DH5	0	1.96	≤ 20.97	PASS
		39	1.69		PASS
		78	1.67		PASS
8DPSK	3-DH5	0	2.33		PASS
		39	2.10		PASS
		78	2.10		PASS

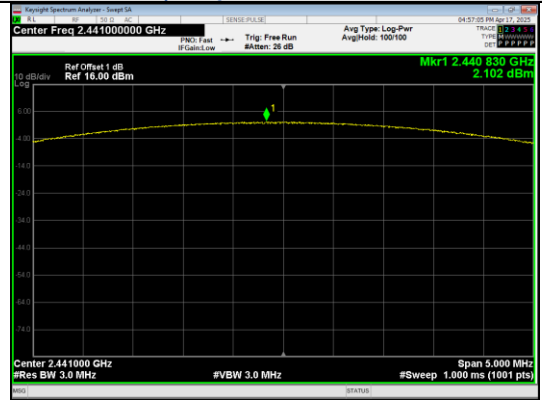
Test Graphs



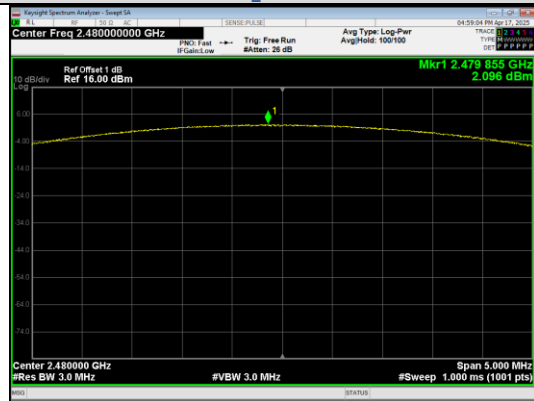
Peak Output Power $\pi/4$ DQPSK_Channel 39



Peak Output Power $\pi/4$ DQPSK_Channel 78

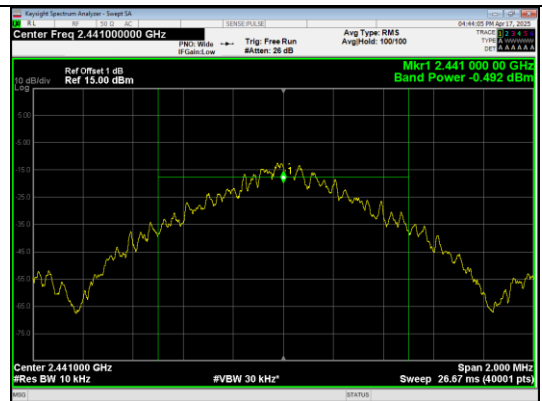
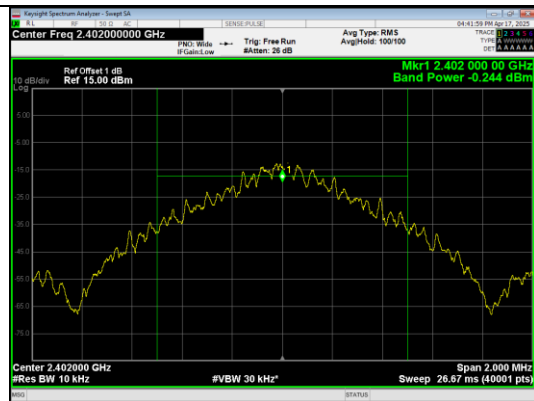


Peak Output Power 8DPSK_Channel 0



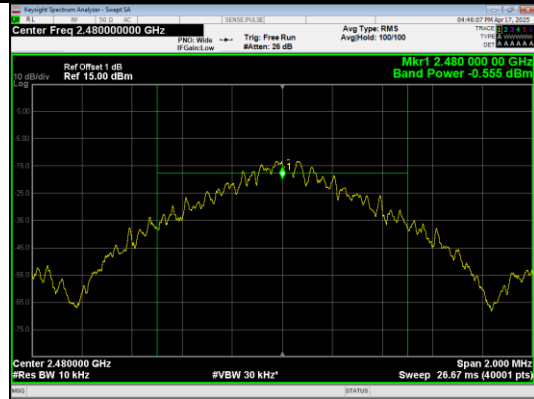
Peak Output Power 8DPSK_Channel 39

Peak Output Power 8DPSK_Channel 78

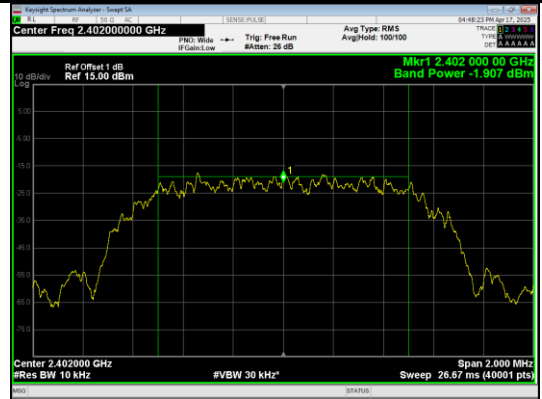


Average Output Power GFSK_Channel 0

Average Output Power GFSK_Channel 39



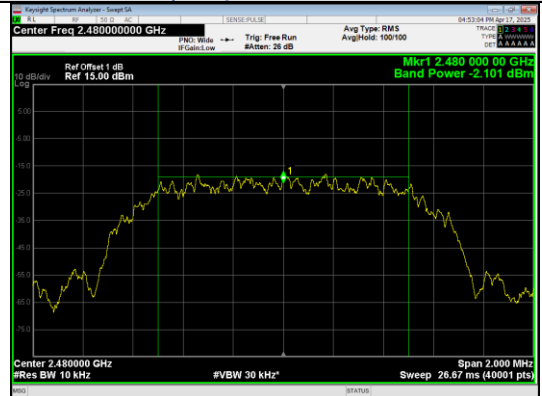
**Average Output Power
GFSK_Channel 78**



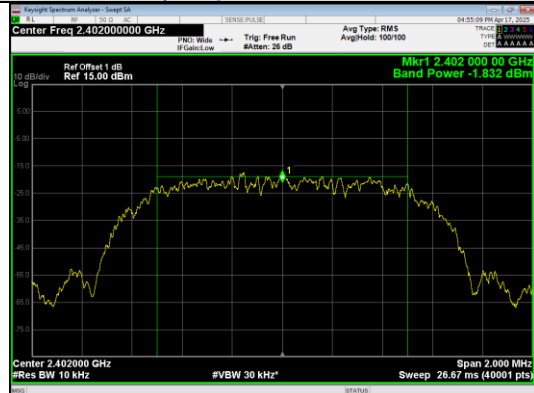
**Average Output Power
 $\pi/4$ DQPSK_Channel 0**



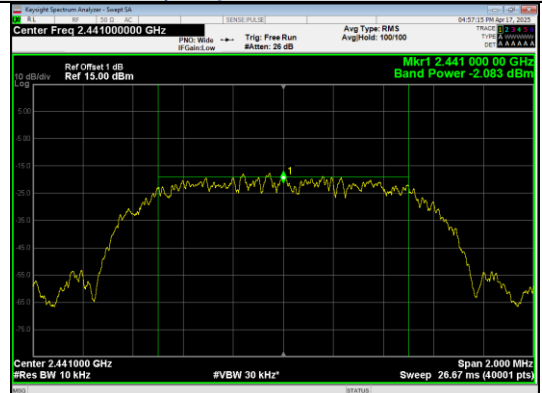
**Average Output Power
 $\pi/4$ DQPSK_Channel 39**



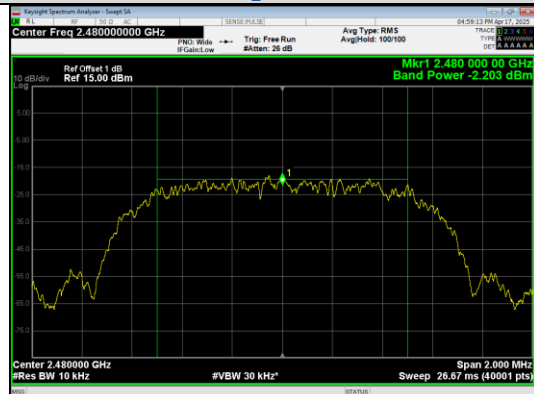
**Average Output Power
 $\pi/4$ DQPSK_Channel 78**



**Average Output Power
8DPSK_Channel 0**



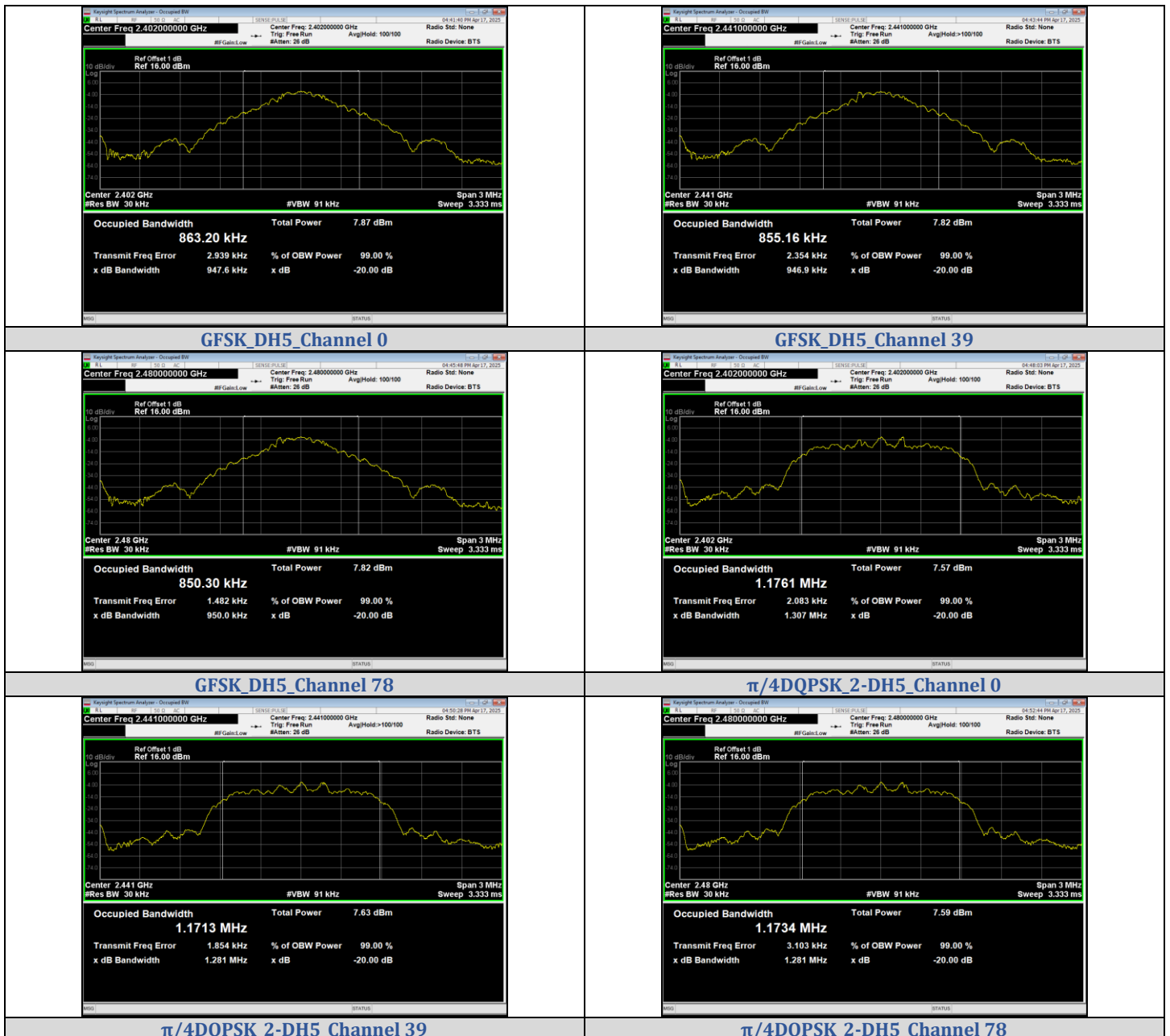
**Average Output Power
8DPSK_Channel 39**

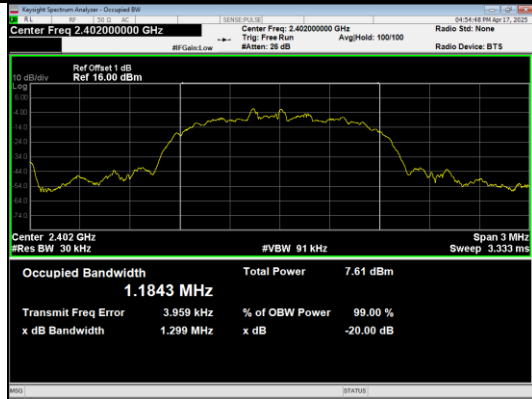


**Average Output Power
8DPSK_Channel 78**

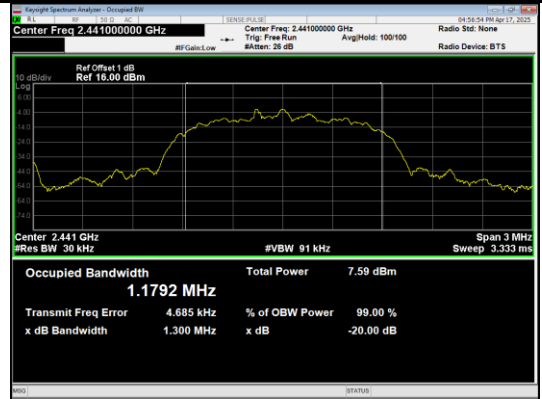
**20dB Bandwidth****Test Result**

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9476
	39	2441 MHz	0.9469
	78	2480 MHz	0.9500
$\pi/4$ DQPSK	0	2402 MHz	1.307
	39	2441 MHz	1.281
	78	2480 MHz	1.281
8DPSK	0	2402 MHz	1.299
	39	2441 MHz	1.300
	78	2480 MHz	1.296

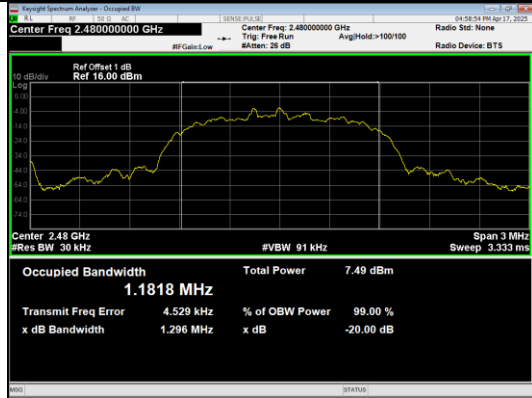
Test Graphs



8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 39



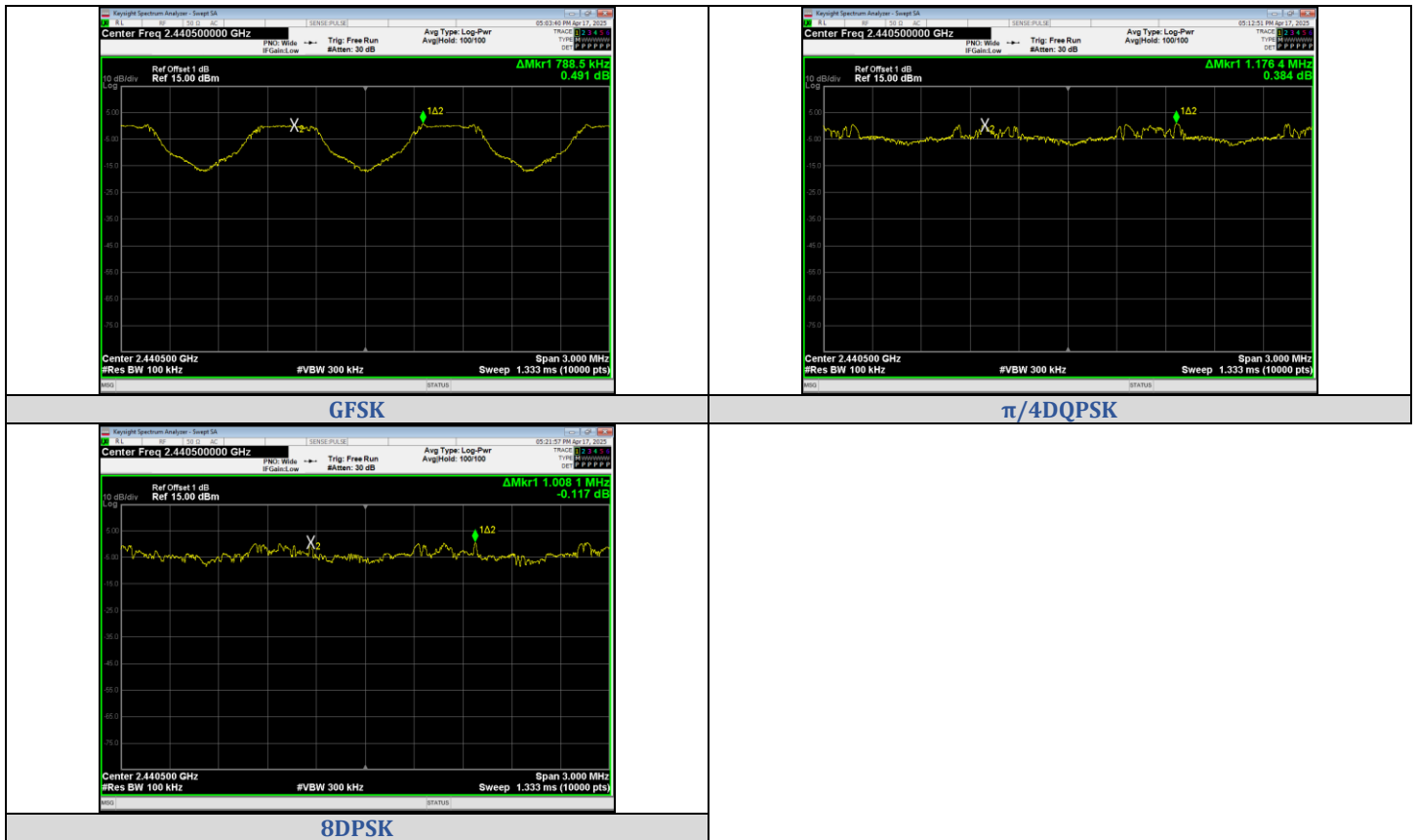
8DPSK_3-DH5_Channel 78

Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.0639	2440.8524	0.7885	0.633	PASS
$\pi/4$ DQPSK	2-DH5	2439.9889	2441.1653	1.1764	0.871	PASS
8DPSK	3-DH5	2440.1656	2441.1737	1.0081	0.867	PASS

Test Graphs

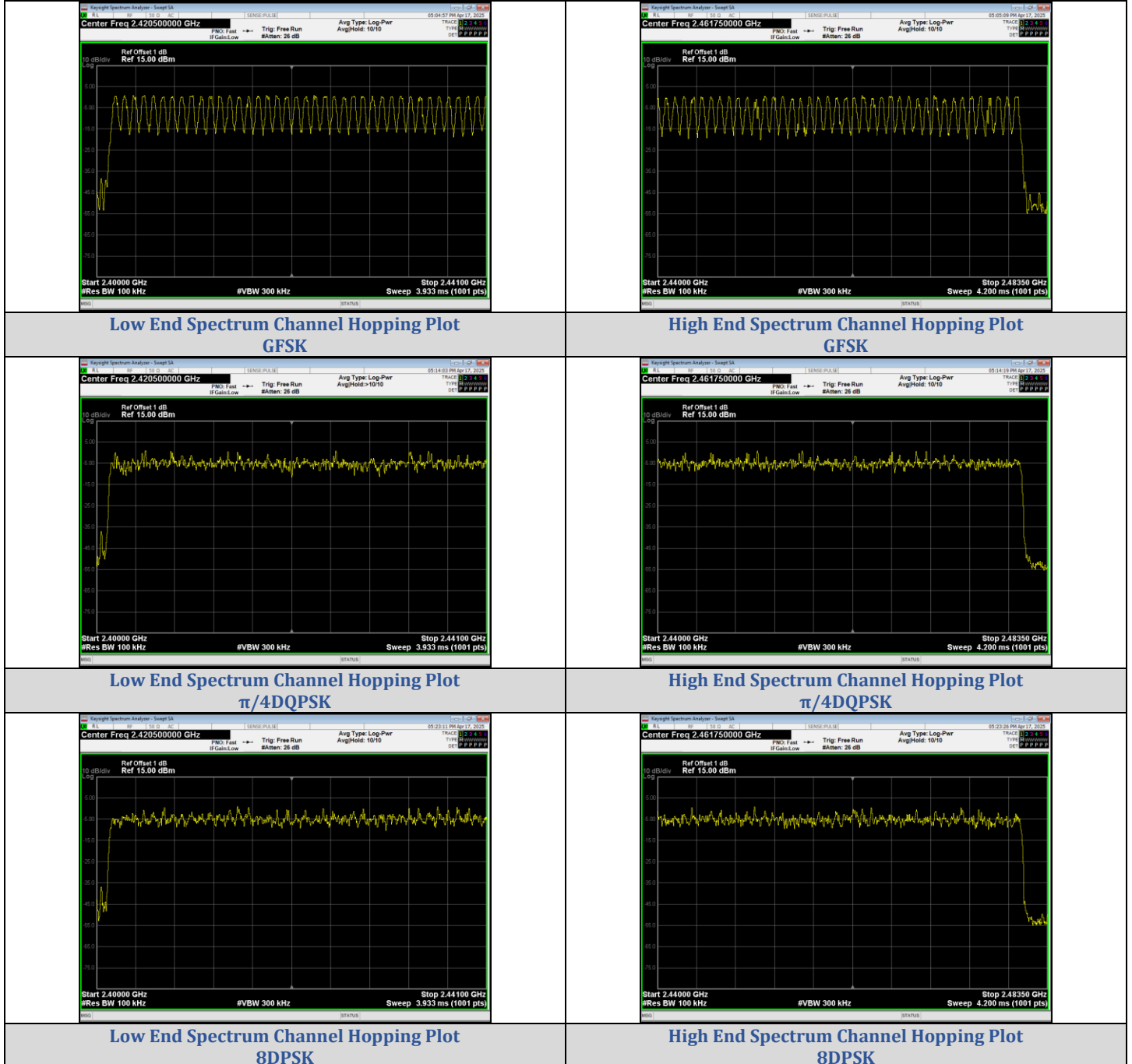


Number Of Hopping Channel

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



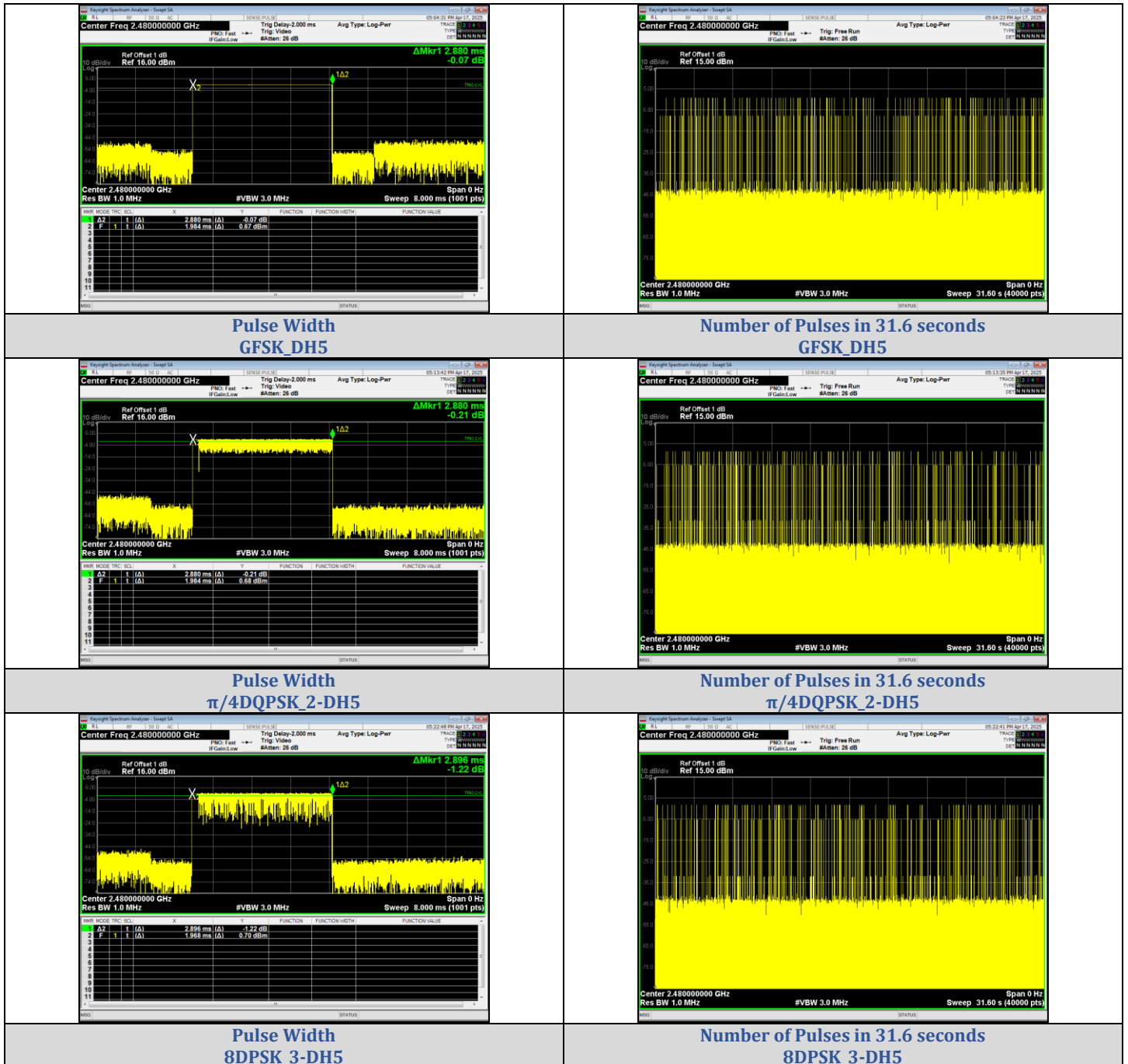


Dwell Time

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)	2.880	109	313.92	< 400	PASS
$\pi/4$ DQPSK	2-DH5		2.880	107	308.16		PASS
8DPSK	3-DH5		2.896	102	295.39		PASS

Test Graphs



Conducted Out Of Band Emission

Test Result

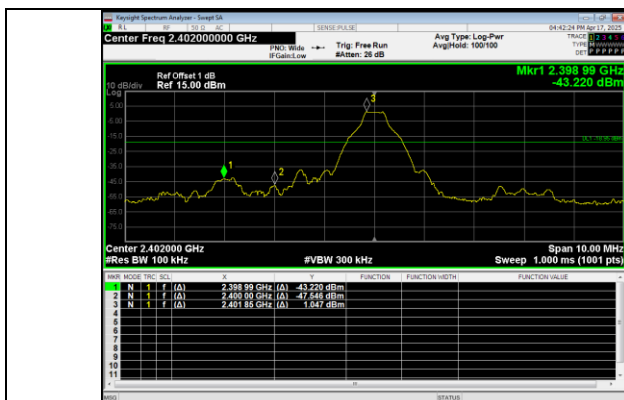
Non-Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	96.20	-39.232	-18.95	-20.282	PASS
			2398.99	-43.220	-18.95	-24.270	PASS
			2400.00	-47.546	-18.95	-28.596	PASS
		39	9757.93	-46.167	-19.28	-26.887	PASS
		78	2483.50	-46.899	-19.33	-27.569	PASS
			4959.83	-46.709	-19.33	-27.379	PASS
$\pi/4$ DQPSK	2-DH5	0	2399.00	-41.334	-19.03	-22.303	PASS
			2400.00	-51.999	-19.03	-32.969	PASS
			9601.90	-44.382	-19.03	-25.352	PASS
		39	96.17	-38.676	-19.27	-19.406	PASS
		78	2483.50	-46.008	-19.29	-26.718	PASS
			9914.00	-46.532	-19.29	-27.242	PASS
8DPSK	3-DH5	0	2399.00	-43.224	-19.05	-24.174	PASS
			2400.00	-50.478	-19.05	-31.428	PASS
			9601.90	-44.196	-19.05	-25.146	PASS
		39	96.17	-38.866	-19.25	-19.616	PASS
		78	96.17	-38.768	-19.28	-19.488	PASS
			2483.50	-46.545	-19.28	-27.265	PASS

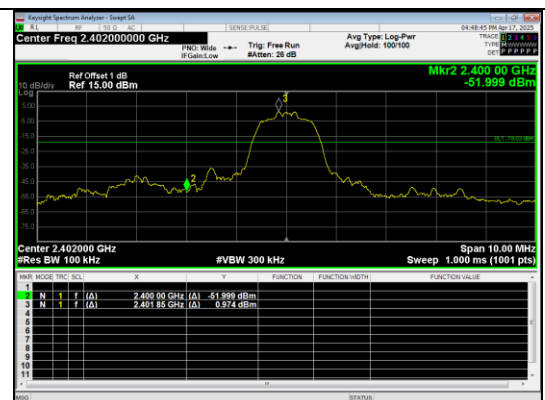
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2400.00	-42.245	-19.05	-23.195	PASS
			2483.50	-47.631	-19.3	-28.331	PASS
$\pi/4$ DQPSK	2-DH5		2400.00	-43.613	-19.08	-24.533	PASS
			2483.50	-47.447	-19.28	-28.167	PASS
8DPSK	3-DH5		2400.00	-43.297	-19.02	-24.277	PASS
			2483.50	-47.523	-19.34	-28.183	PASS

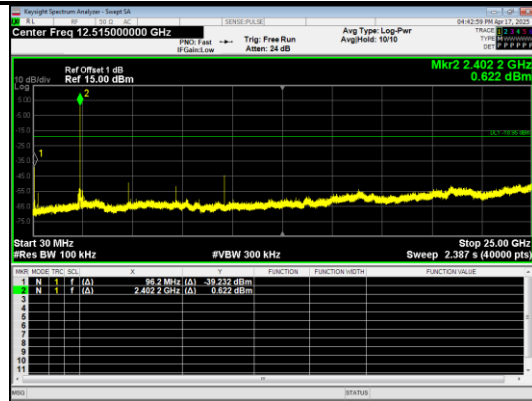
Test Graphs



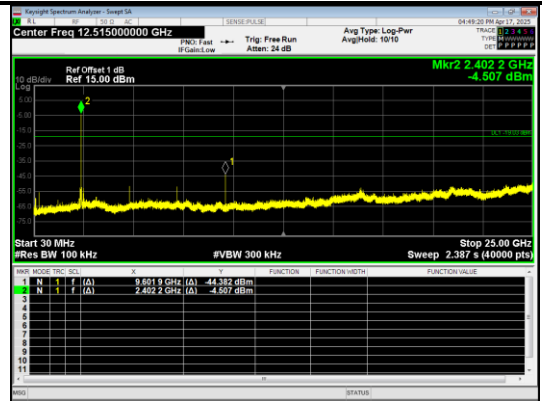
Out Of Band Emission
GFSK_DH5_Channel 0



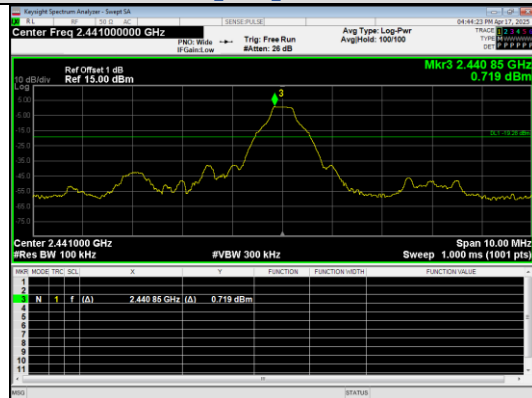
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0



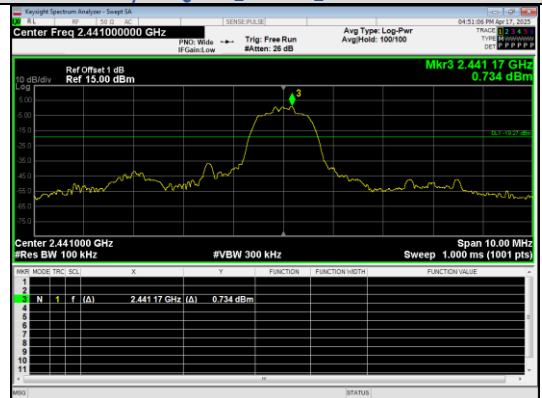
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 0



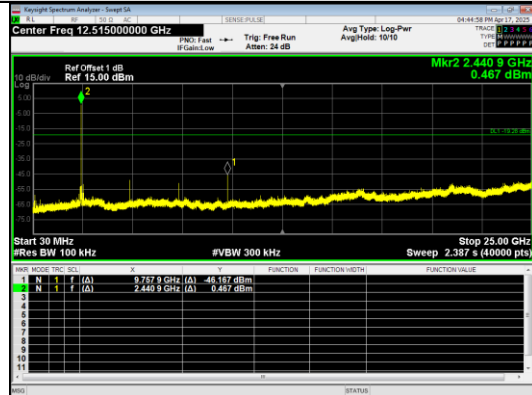
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 0



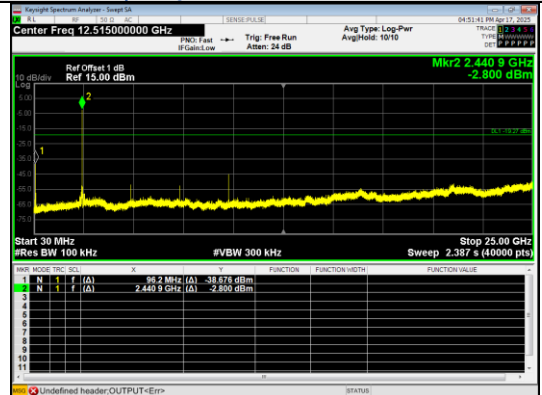
Out Of Band Emission
GFSK_DH5_Channel 39



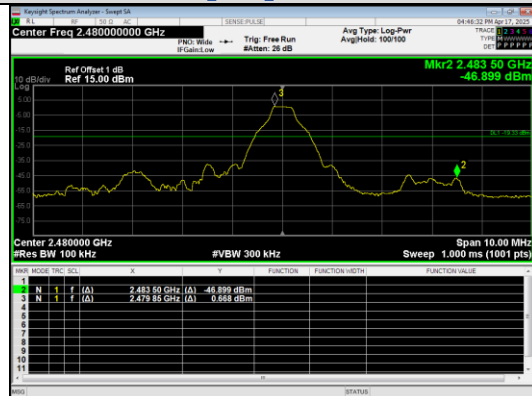
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39



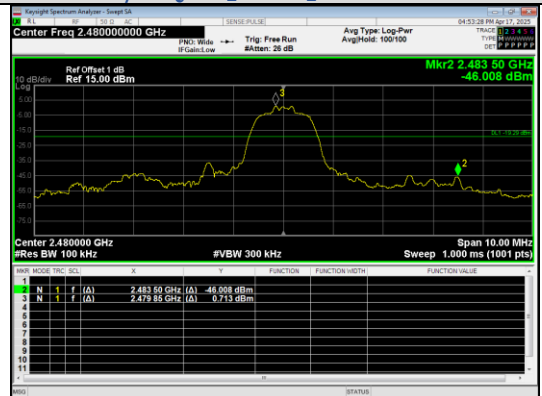
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



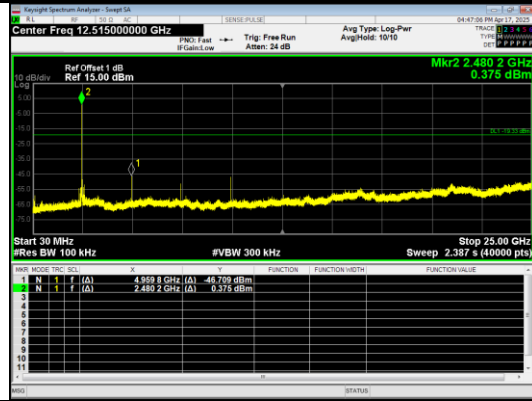
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39



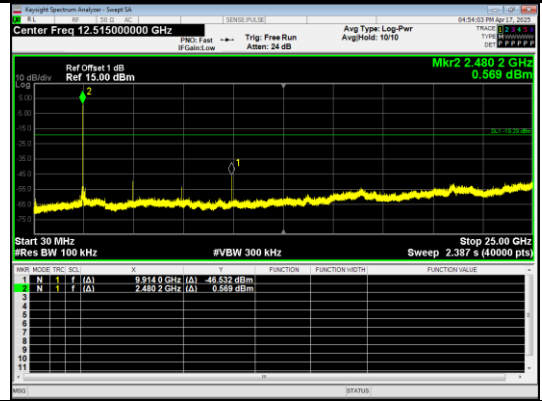
Out Of Band Emission
GFSK_DH5_Channel 78



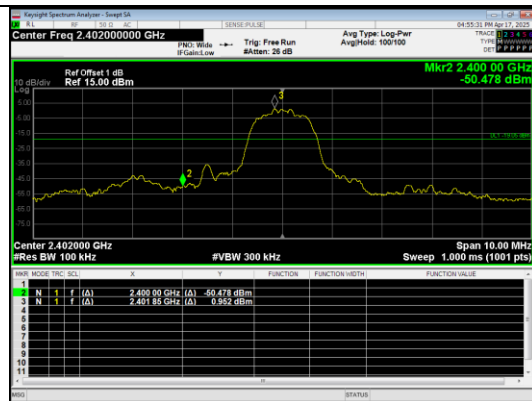
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



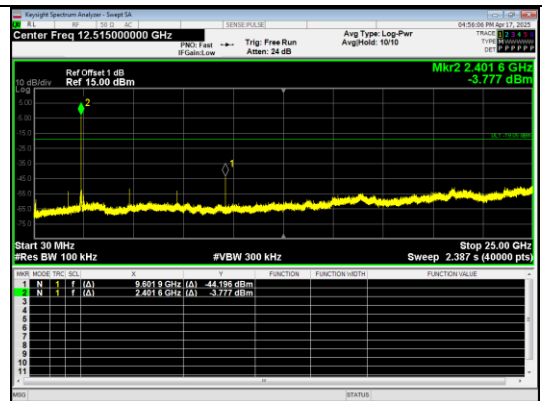
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



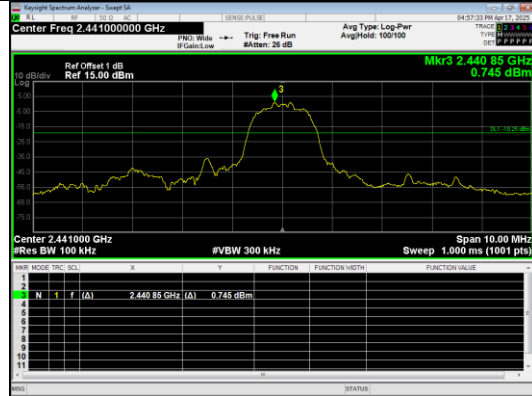
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78



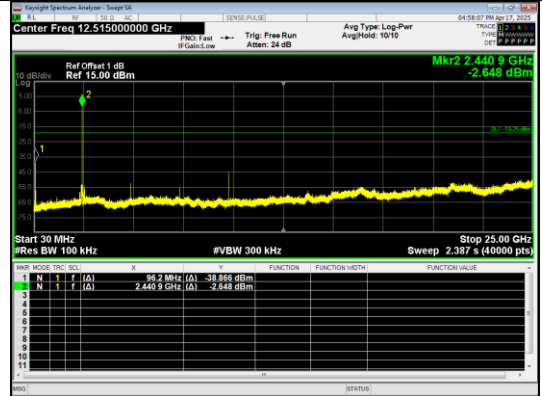
Out Of Band Emission
8DPSK_3-DH5_Channel 0



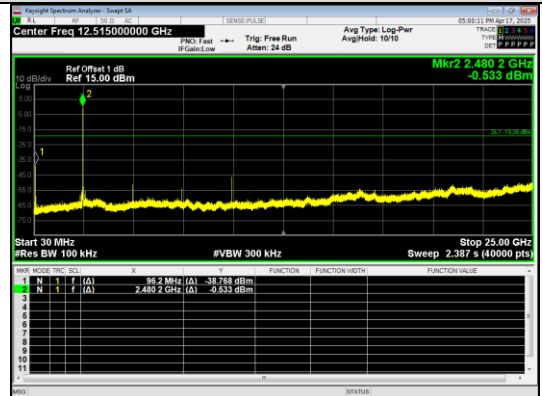
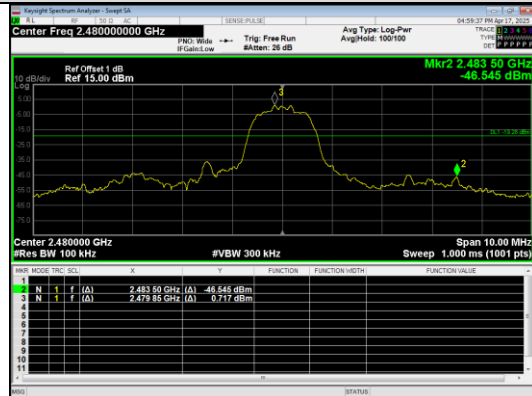
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



Out Of Band Emission
8DPSK_3-DH5_Channel 39

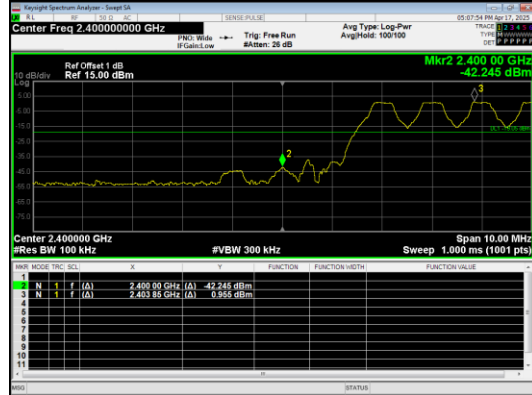


30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39



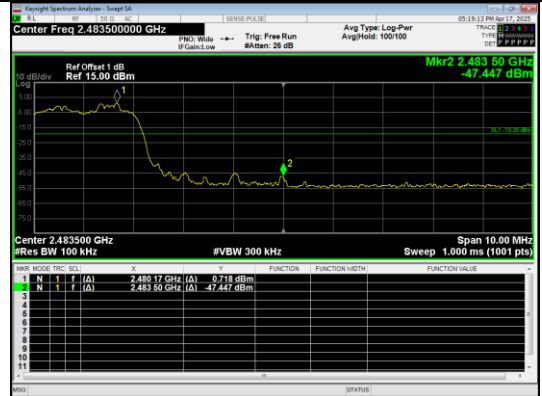
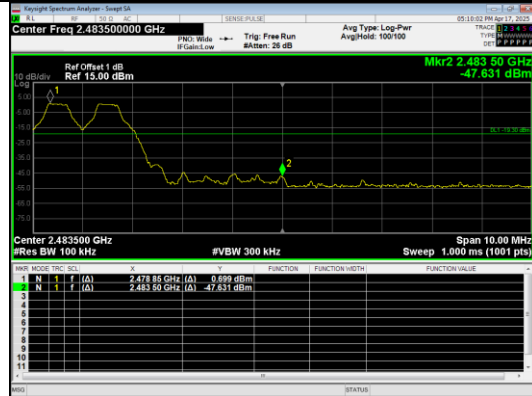
Out Of Band Emission 8DPSK_3-DH5_Channel 78

30.0 MHz - 25000.0 MHz 8DPSK_3-DH5_Channel 78



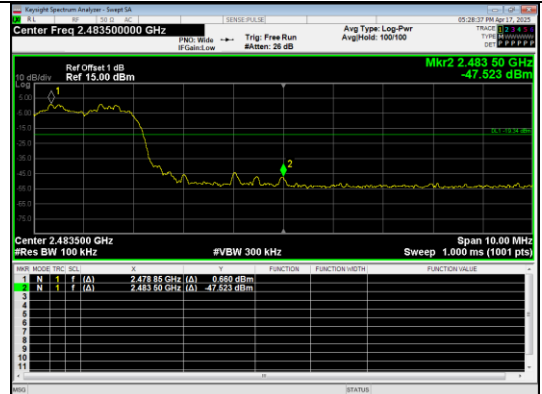
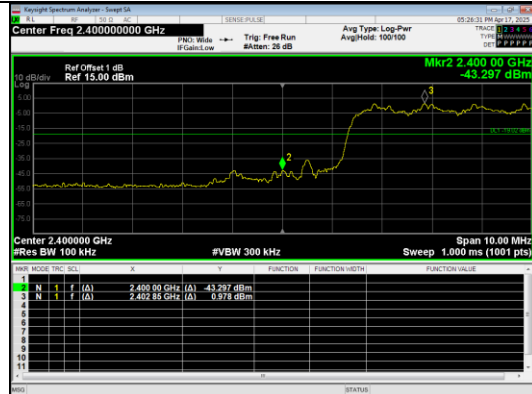
Out Of Band Emission(Left) GFSK_DH5_Channel Hopping

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