



Conducted Output Power Test Result

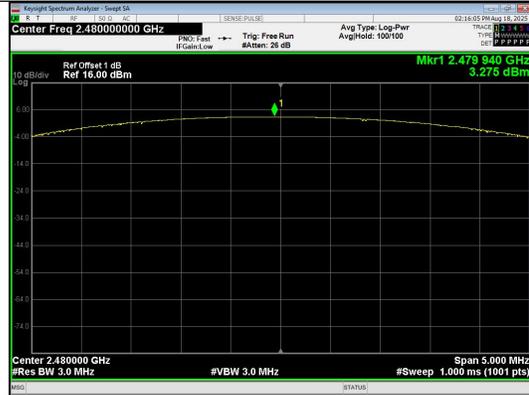
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
GFSK	DH5	0	3.52	2.25	≤30	PASS
		39	4.54	2.84		PASS
		78	4.17	2.61		PASS
π/4DQPSK	2-DH5	0	2.54	1.79	≤20.97	PASS
		39	3.64	2.31		PASS
		78	3.27	2.12		PASS
8DPSK	3-DH5	0	2.63	1.83	≤20.97	PASS
		39	3.76	2.38		PASS
		78	3.37	2.17		PASS

Test Graphs





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



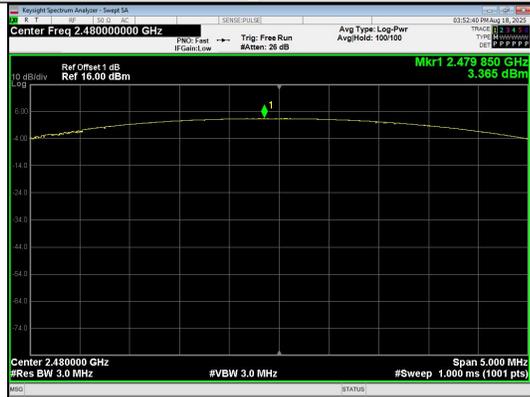
**Peak Output Power
 $\pi/4$ DQPSK_Channel 78**



**Peak Output Power
8DPSK_Channel 0**



**Peak Output Power
8DPSK_Channel 39**



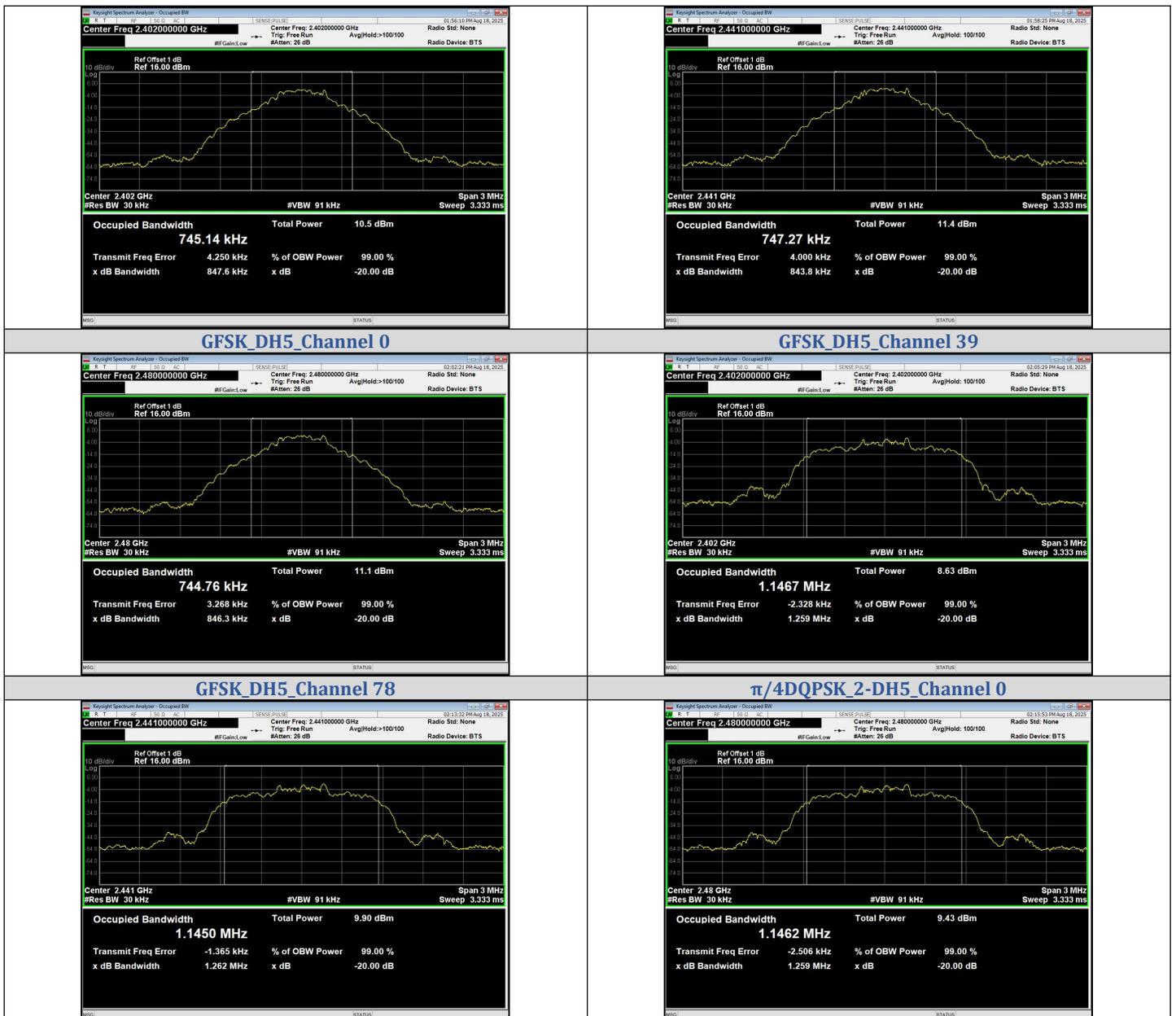
**Peak Output Power
8DPSK_Channel 78**

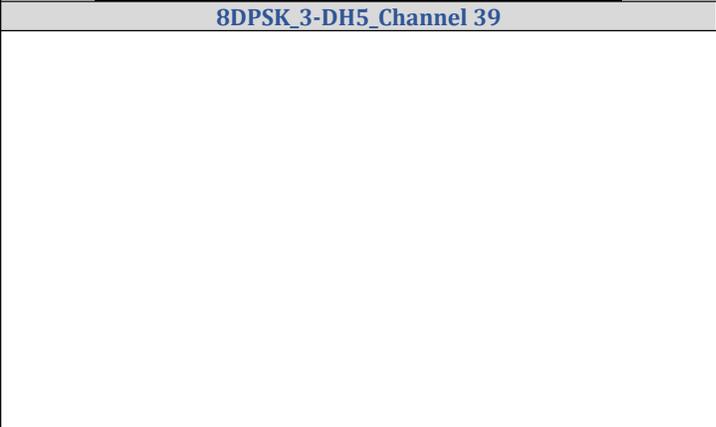


20dB Bandwidth Test Result

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.8500
	39	2441 MHz	0.8400
	78	2480 MHz	0.8500
$\pi/4$ DQPSK	0	2402 MHz	1.260
	39	2441 MHz	1.260
	78	2480 MHz	1.260
8DPSK	0	2402 MHz	1.270
	39	2441 MHz	1.280
	78	2480 MHz	1.270

Test Graphs





8DPSK 3-DH5_Channel 78

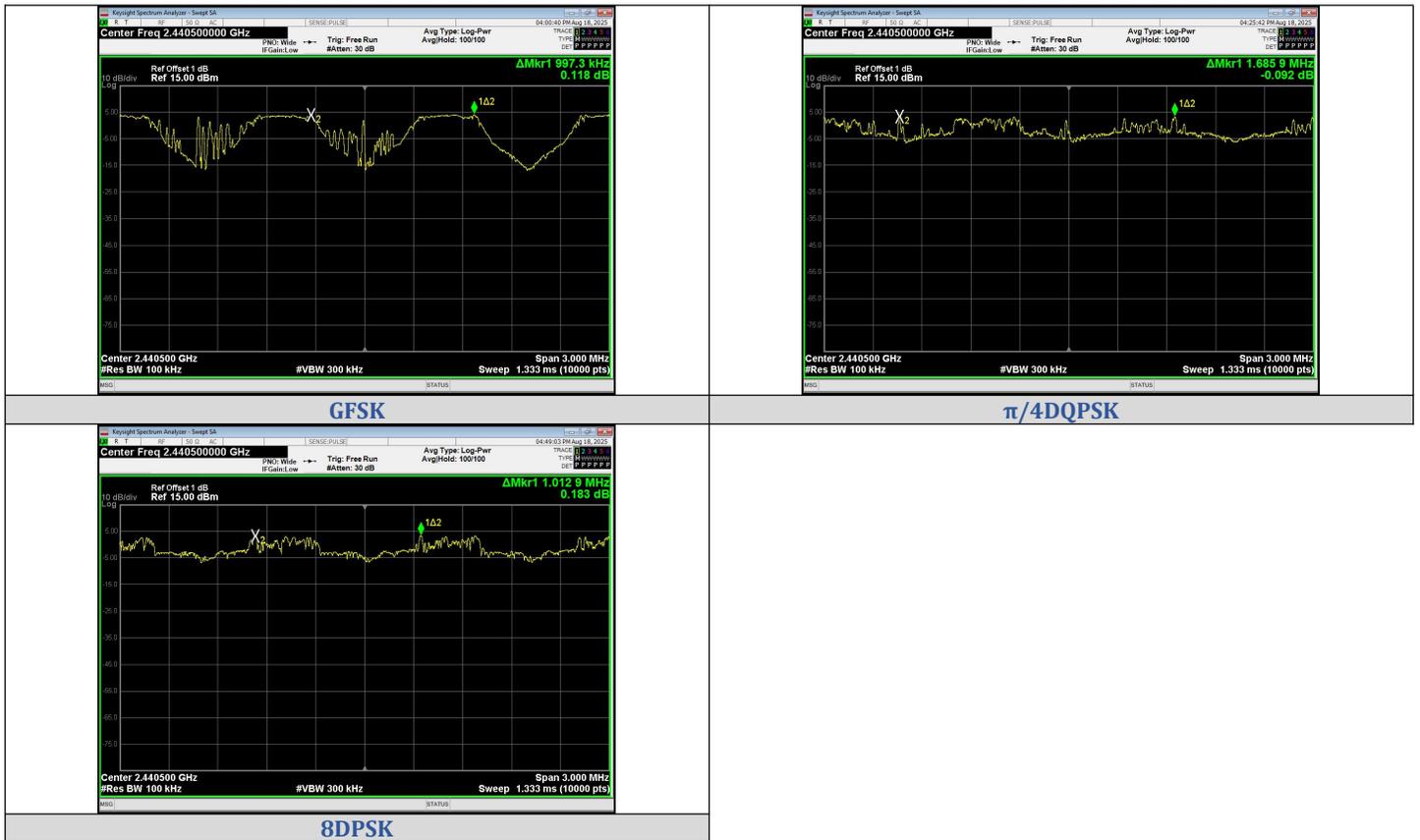


Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.1719	2441.1692	0.9973	0.99	PASS
$\pi/4$ DQPSK	2-DH5	2439.4629	2441.1488	1.6859	0.99	PASS
8DPSK	3-DH5	2439.8302	2440.8431	1.0129	0.99	PASS

Test Graphs





Conducted Out Of Band Emission Test Result

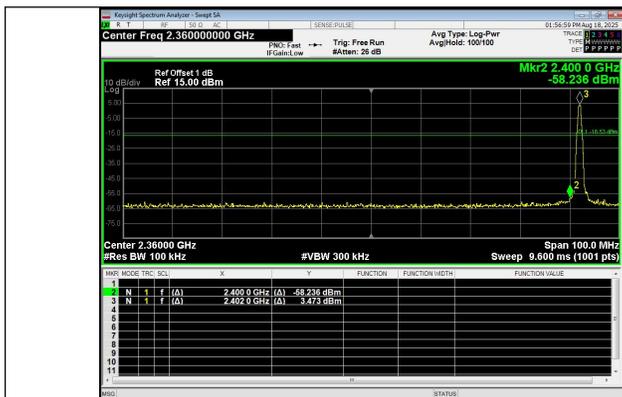
Non-Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-58.240	-16.53	-41.710	PASS
			24390.1	-48.559	-16.53	-32.029	PASS
		39	24925.1	-49.794	-15.68	-34.114	PASS
			78	2483.50	-59.470	-16.04	-43.430
			24960.7	-49.872	-16.04	-33.832	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-58.760	-17.56	-41.200	PASS
			24838.3	-50.105	-17.56	-32.545	PASS
		39	24920.7	-49.188	-16.53	-32.658	PASS
			78	2483.50	-61.600	-16.86	-44.740
			24940.7	-49.400	-16.86	-32.540	PASS
8DPSK	3-DH5	0	2400.00	-59.450	-17.63	-41.820	PASS
			24979.4	-49.837	-17.63	-32.207	PASS
		39	24894.5	-49.241	-16.46	-32.781	PASS
			78	2483.50	-60.720	-16.83	-43.890
			24953.2	-49.175	-16.83	-32.345	PASS

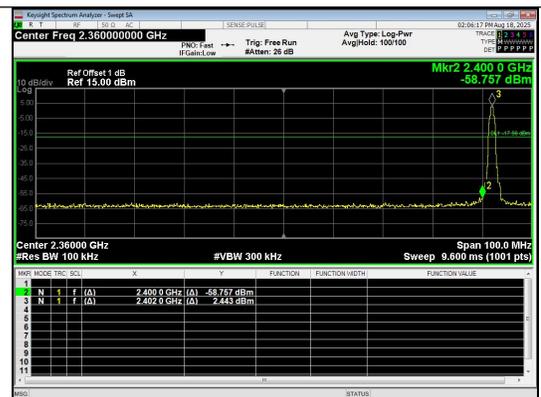
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.62	-50.105	-16.8	-33.305	PASS
			2400.00	-51.770	-16.8	-34.970	PASS
			2483.50	-60.150	-16.12	-44.030	PASS
$\pi/4$ DQPSK	2-DH5		2400.00	-59.380	-17.56	-41.820	PASS
			2483.50	-62.120	-16.83	-45.290	PASS
			8DPSK	3-DH5	2400.00	-59.030	-17.62
2483.50	-61.540	-16.85			-44.690	PASS	

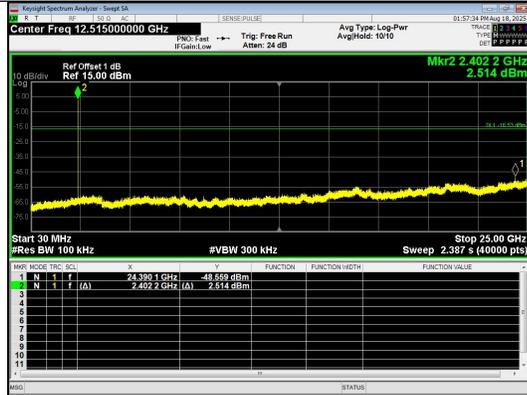
Test Graphs



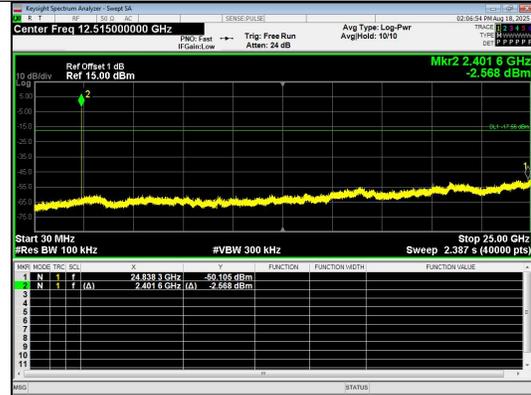
Out Of Band Emission
GFSK_DH5_Channel 0



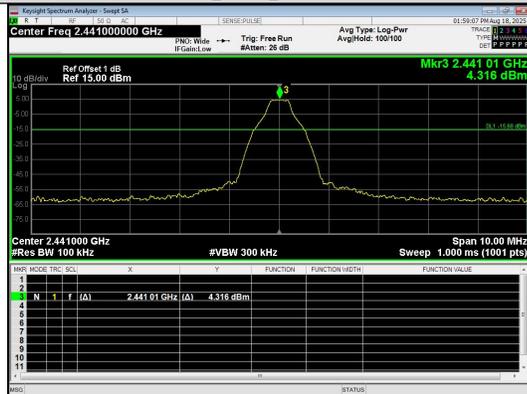
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0



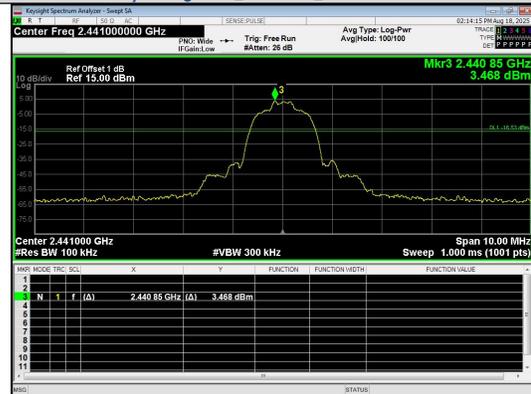
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 0



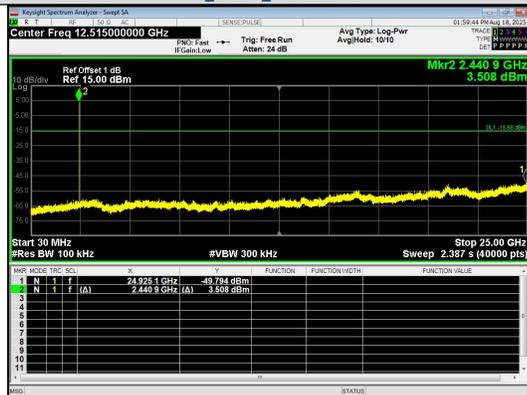
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 0



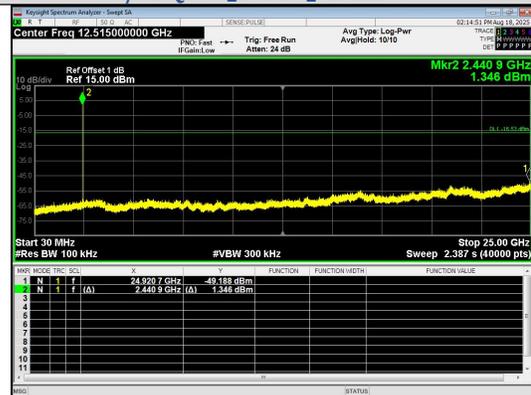
Out Of Band Emission
GFSK_DH5_Channel 39



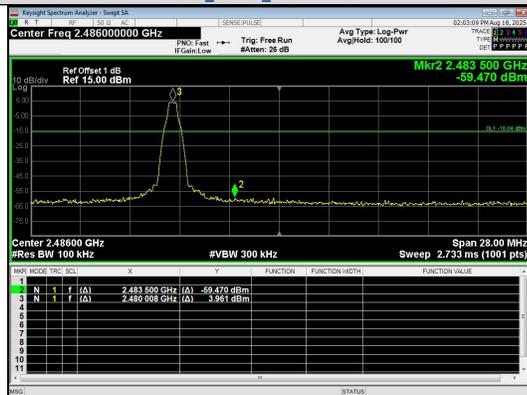
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39



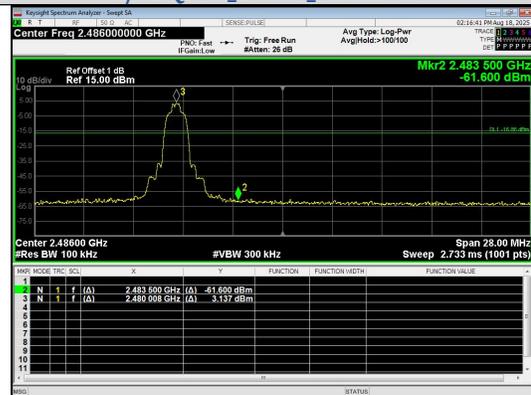
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



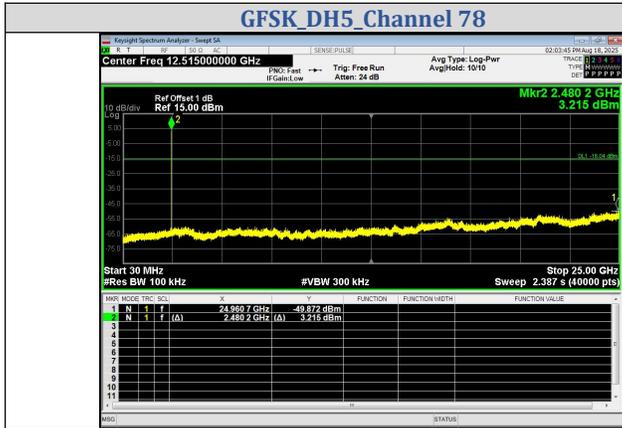
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39



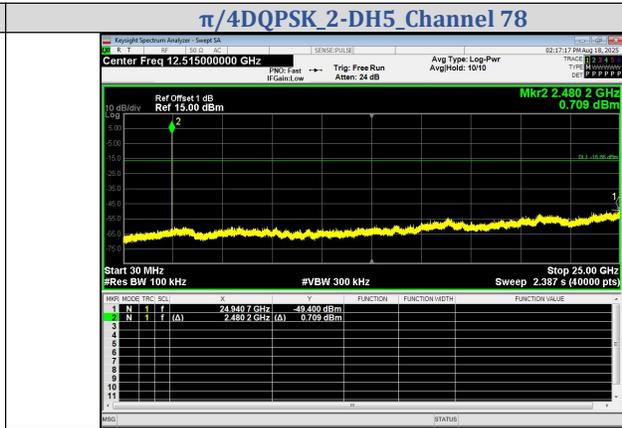
Out Of Band Emission



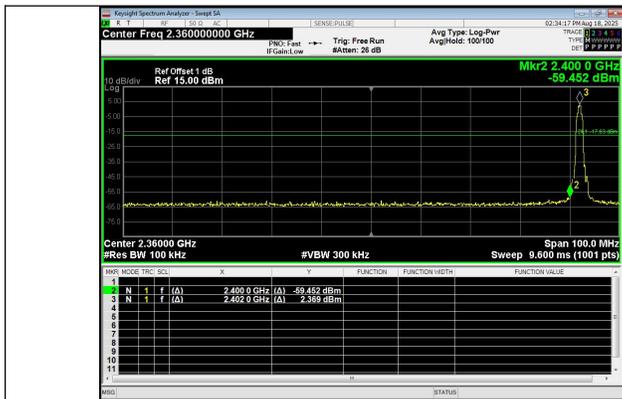
Out Of Band Emission



**30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78**



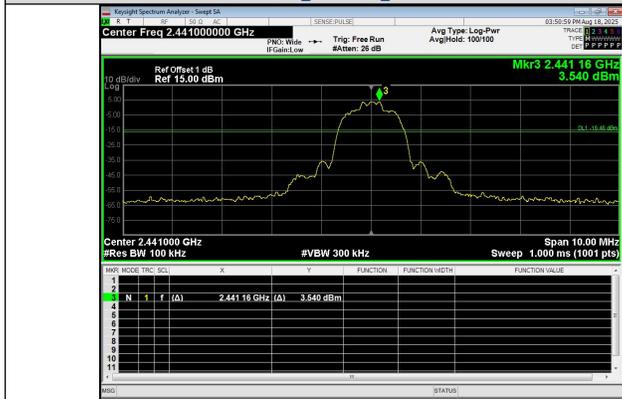
**30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78**



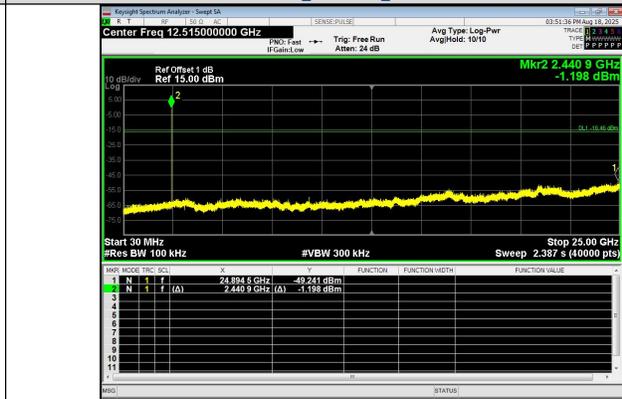
**Out Of Band Emission
8DPSK_3-DH5_Channel 0**



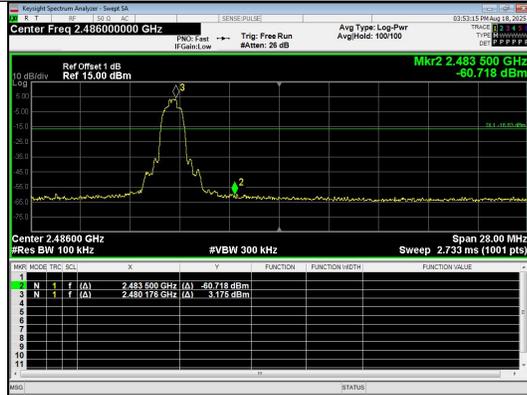
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0**



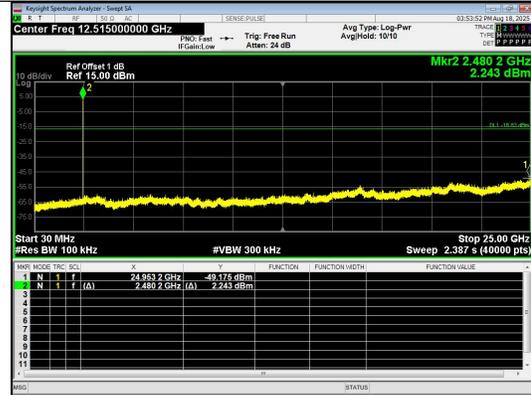
**Out Of Band Emission
8DPSK_3-DH5_Channel 39**



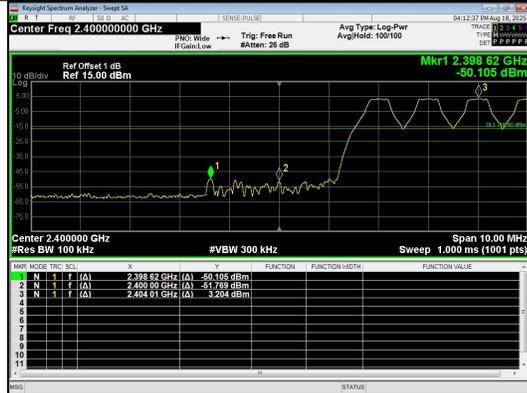
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39**



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



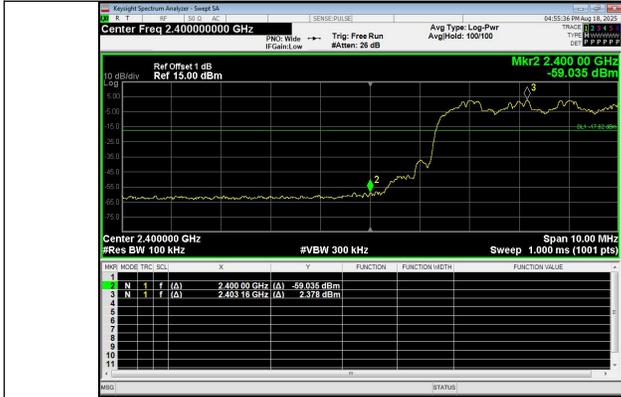
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



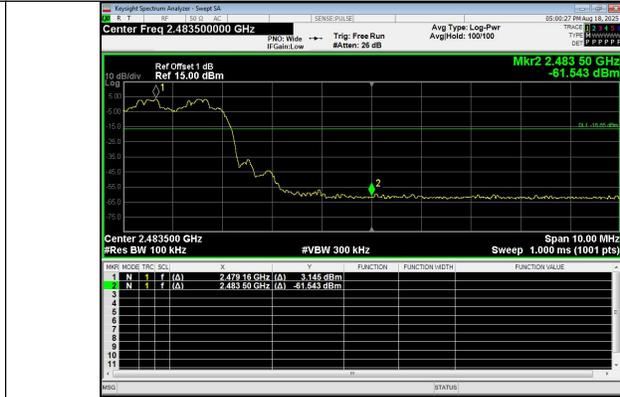
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



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