

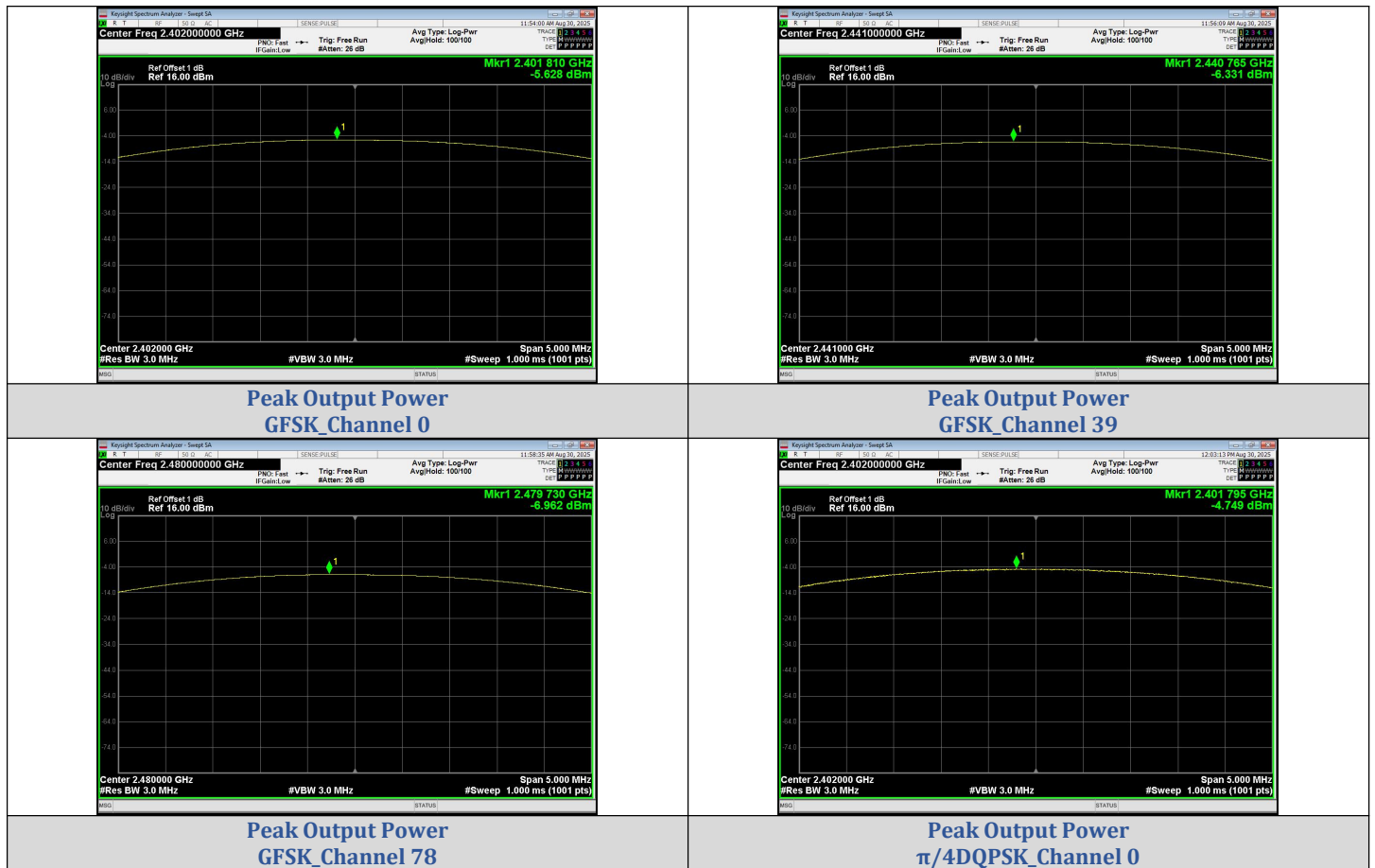


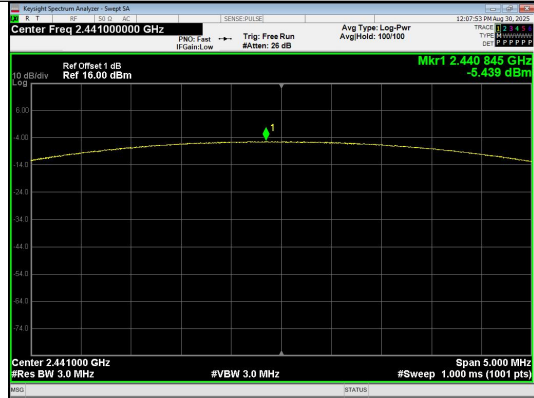
Conducted Output Power

Test Result

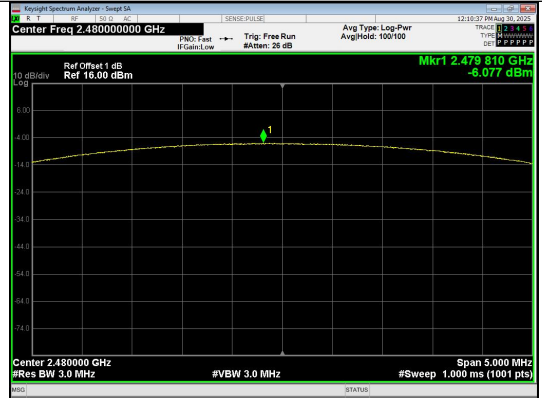
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
GFSK	DH5	0	-5.63	0.27	≤ 30	PASS
		39	-6.33	0.23		PASS
		78	-6.96	0.20		PASS
$\pi/4$ DQPSK	2-DH5	0	-4.75	0.33	≤ 20.97	PASS
		39	-5.44	0.29		PASS
		78	-6.08	0.25		PASS
8DPSK	3-DH5	0	-4.29	0.37		PASS
		39	-4.98	0.32		PASS
		78	-5.56	0.28		PASS

Test Graphs

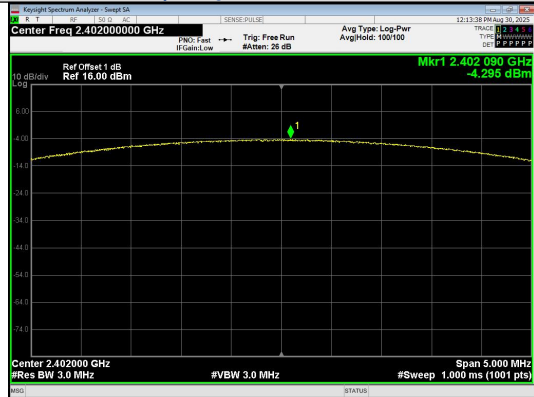




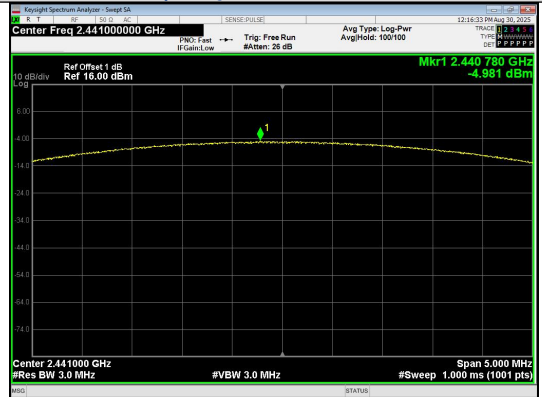
Peak Output Power
 $\pi/4$ DQPSK_Channel 39



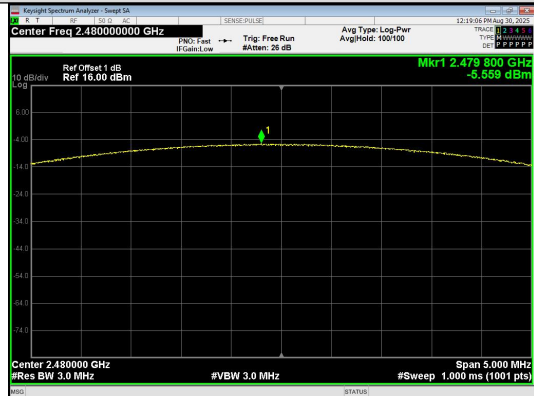
Peak Output Power
 $\pi/4$ DQPSK_Channel 78



Peak Output Power
8DPSK_Channel 0



Peak Output Power
8DPSK_Channel 39



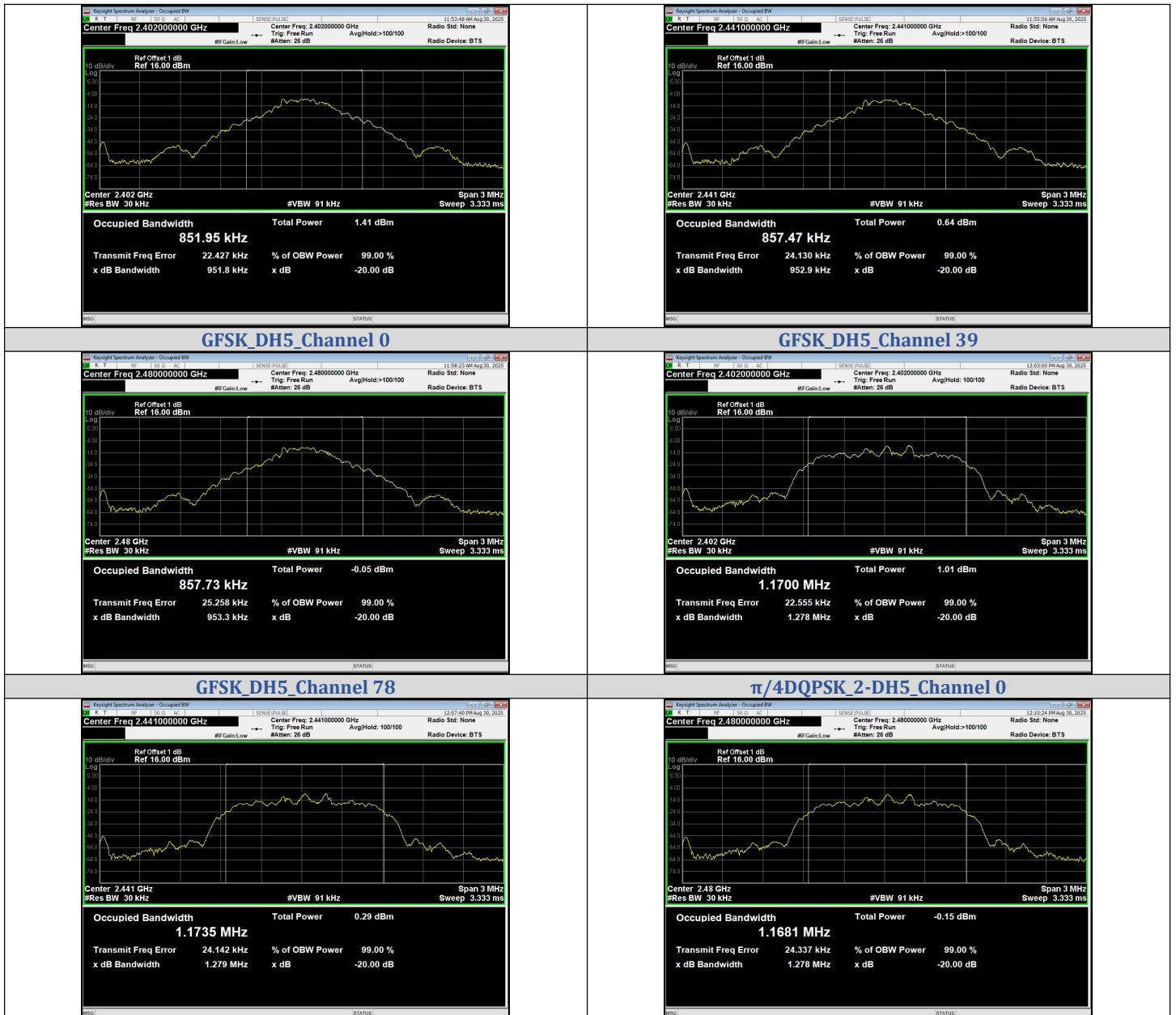
Peak Output Power
8DPSK_Channel 78

20dB Bandwidth

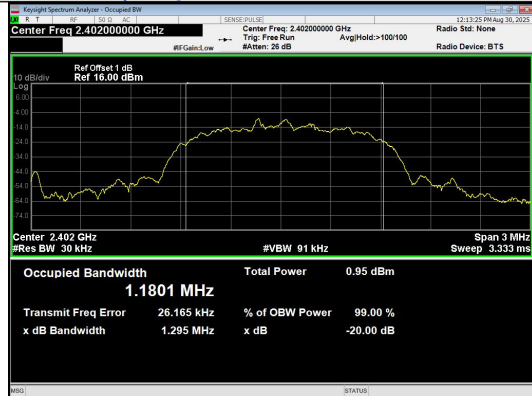
Test Result

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9500
	39	2441 MHz	0.9500
	78	2480 MHz	0.9500
$\pi/4$ DQPSK	0	2402 MHz	1.280
	39	2441 MHz	1.280
	78	2480 MHz	1.280
8DPSK	0	2402 MHz	1.300
	39	2441 MHz	1.300
	78	2480 MHz	1.300

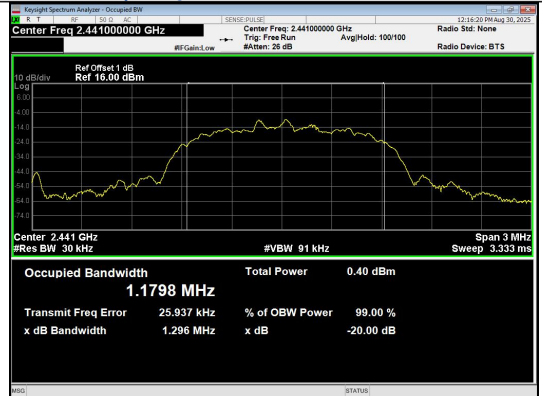
Test Graphs



$\pi/4$ DQPSK 2-DH5_Channel 39



$\pi/4$ DQPSK 2-DH5_Channel 78



8DPSK 3-DH5_Channel 0



8DPSK 3-DH5_Channel 39

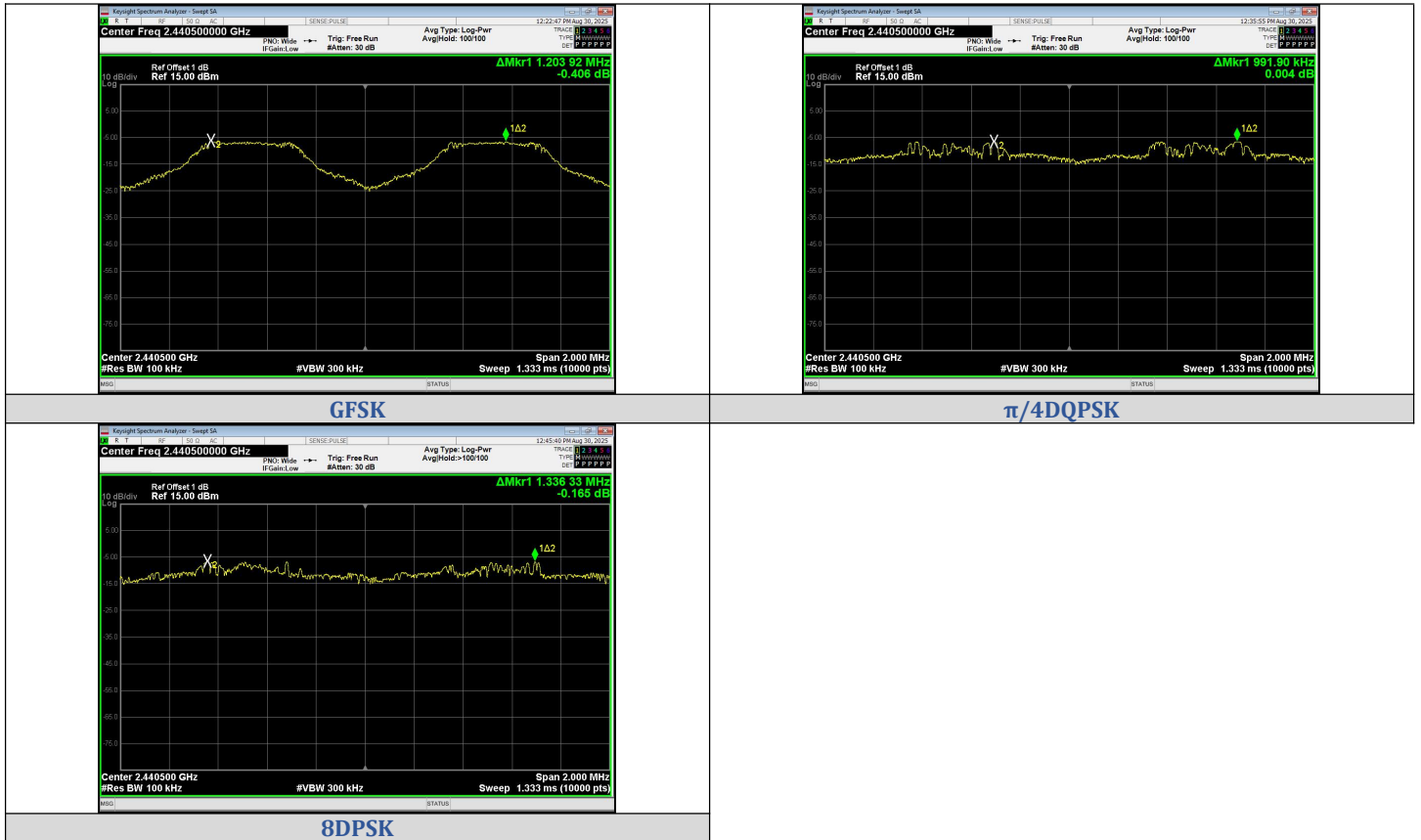
8DPSK 3-DH5_Channel 78

Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.8704	2441.0744	1.2039	0.99	PASS
$\pi/4$ DQPSK	2-DH5	2440.1923	2441.1842	0.9919	0.99	PASS
8DPSK	3-DH5	2439.8566	2441.193	1.3363	0.99	PASS

Test Graphs



Conducted Out Of Band Emission

Test Result

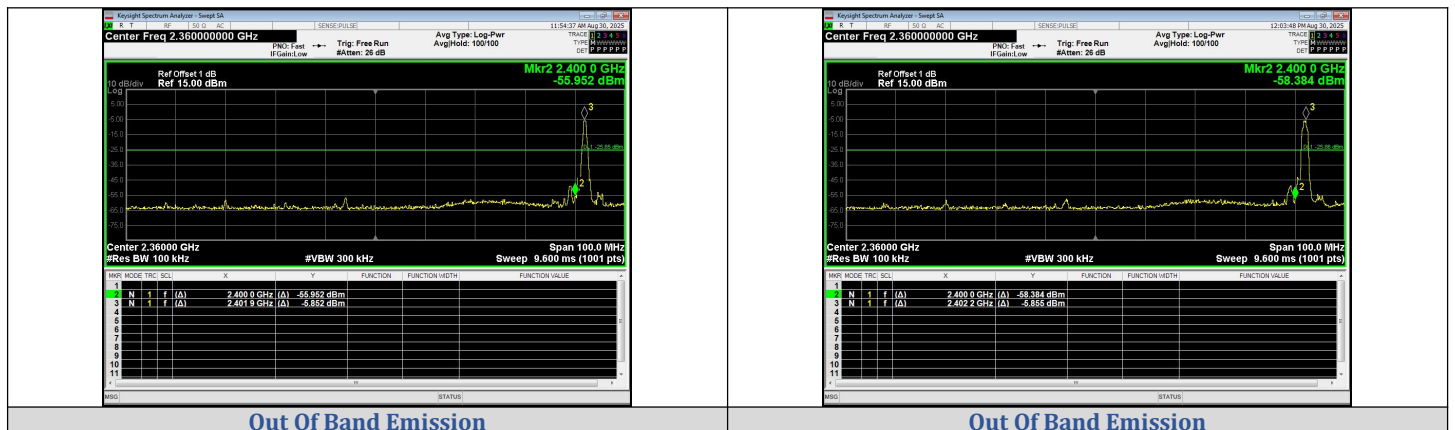
Non-Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2399.00	-49.033	-25.85	-23.183	PASS
			2400.00	-55.950	-25.85	-30.100	PASS
			4801.10	-44.508	-25.85	-18.658	PASS
		39	4879.17	-45.666	-26.4	-19.266	PASS
		78	2483.50	-53.260	-27.18	-26.080	PASS
			4957.21	-46.420	-27.18	-19.240	PASS
$\pi/4$ DQPSK	2-DH5	0	2399.00	-49.842	-25.86	-23.982	PASS
			2400.00	-58.380	-25.86	-32.520	PASS
			4801.10	-44.904	-25.86	-19.044	PASS
		39	4879.17	-45.739	-26.46	-19.279	PASS
		78	2483.50	-53.230	-27.16	-26.070	PASS
			4957.21	-46.750	-27.16	-19.590	PASS
8DPSK	3-DH5	0	2398.90	-50.529	-25.76	-24.769	PASS
			2400.00	-54.620	-25.76	-28.860	PASS
			4801.10	-44.934	-25.76	-19.174	PASS
		39	4879.17	-45.639	-26.48	-19.159	PASS
		78	2483.50	-53.840	-26.68	-27.160	PASS
			4957.21	-46.401	-26.68	-19.721	PASS

Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2400.00	-49.400	-25.85	-23.550	PASS
			2483.50	-53.600	-27.1	-26.500	PASS
$\pi/4$ DQPSK	2-DH5		2400.00	-50.050	-25.84	-24.210	PASS
			2483.50	-56.300	-27.03	-29.270	PASS
8DPSK	3-DH5		2400.00	-52.720	-25.8	-26.920	PASS
			2483.50	-57.950	-27.08	-30.870	PASS

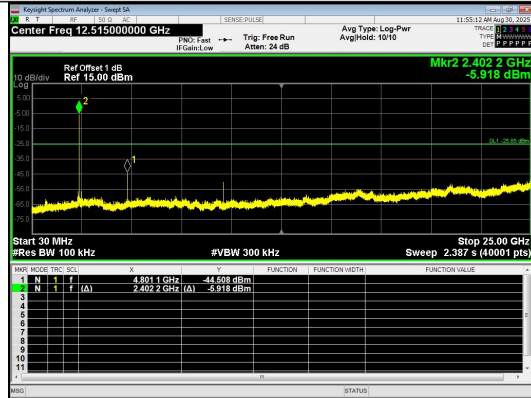
Test Graphs



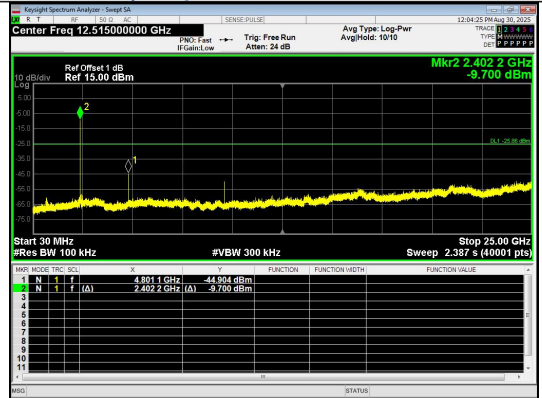
Out Of Band Emission

Out Of Band Emission

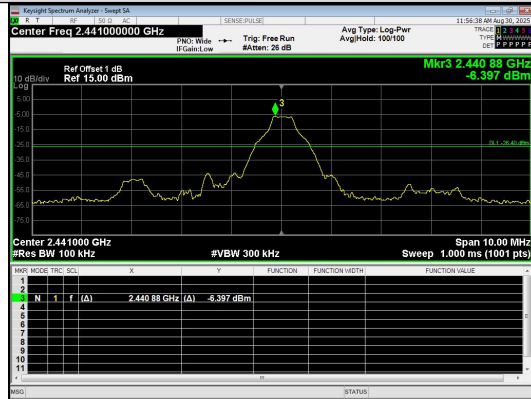
GFSK_DH5_Channel 0



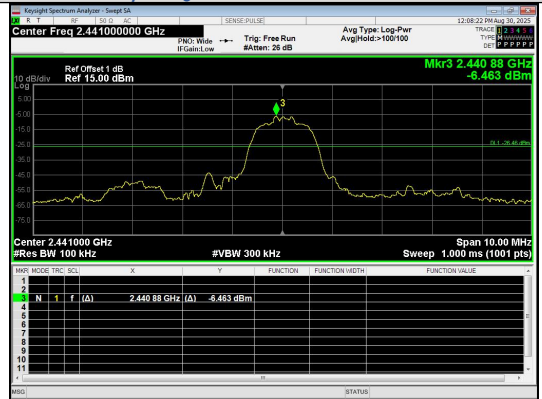
$\pi/4$ DQPSK_2-DH5_Channel 0



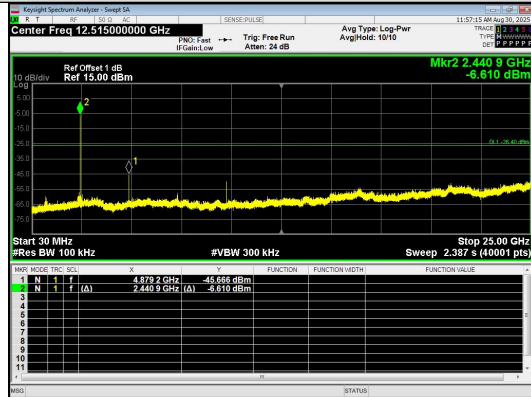
30.0 MHz - 25000.0 MHz GFSK_DH5_Channel 0



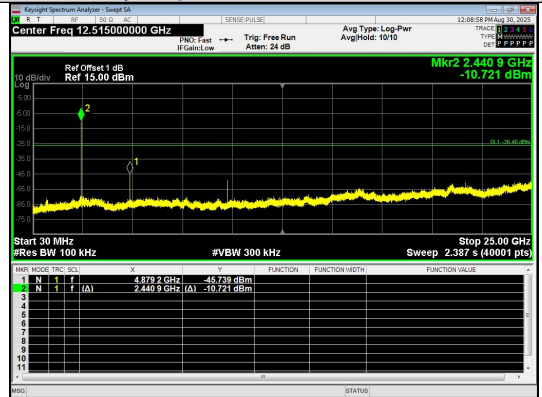
30.0 MHz - 25000.0 MHz $\pi/4$ DQPSK_2-DH5_Channel 0



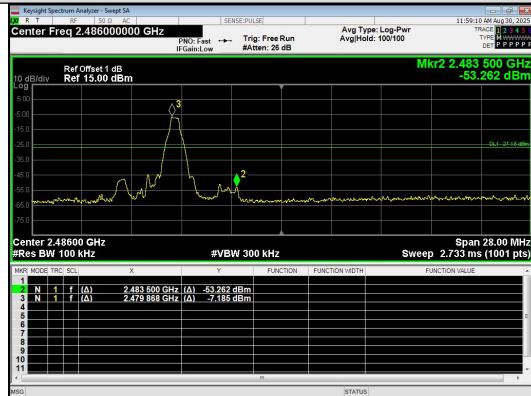
Out Of Band Emission GFSK_DH5_Channel 39



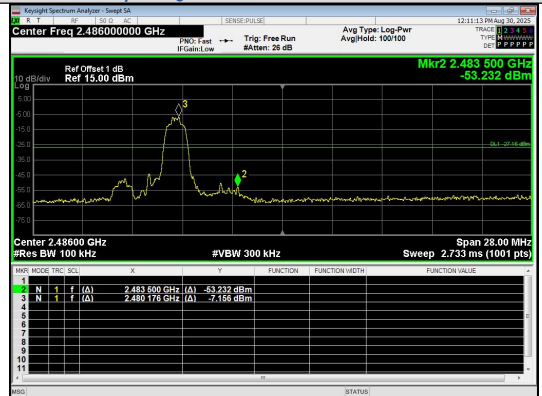
Out Of Band Emission $\pi/4$ DQPSK_2-DH5_Channel 39



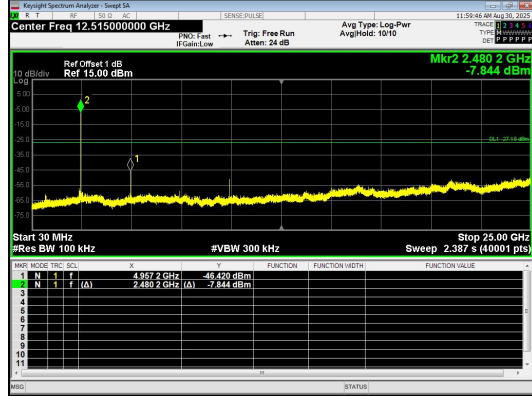
30.0 MHz - 25000.0 MHz GFSK_DH5_Channel 39



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

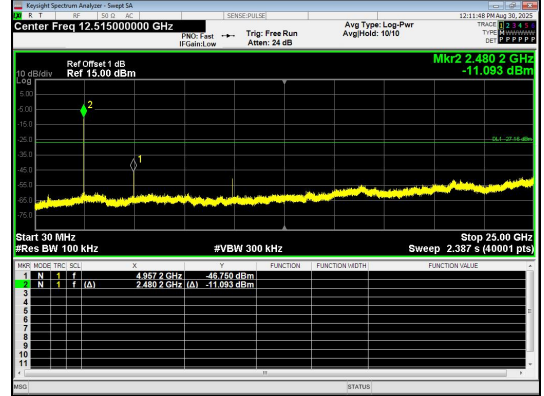


Out Of Band Emission GFSK_DH5_Channel 78

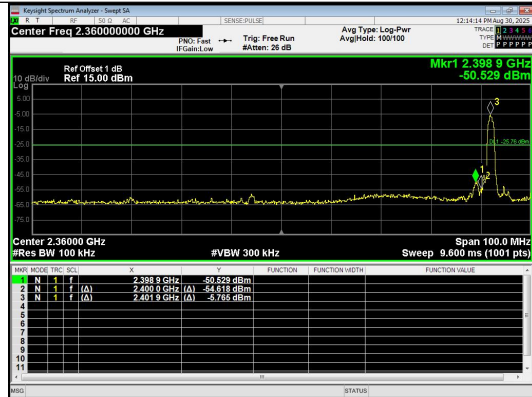


30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78

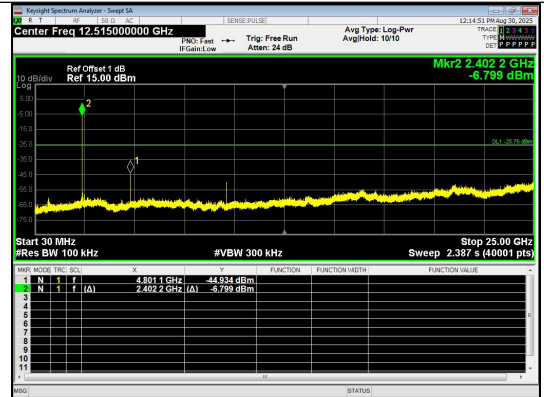
Out Of Band Emission $\pi/4$ DQPSK_2-DH5_Channel 78



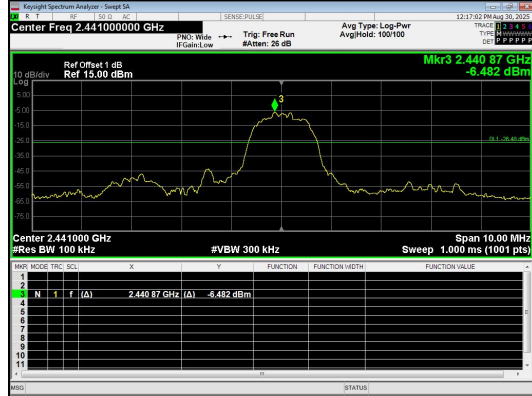
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 $\pi/4$ DQPSK_2-DH5_Channel 78



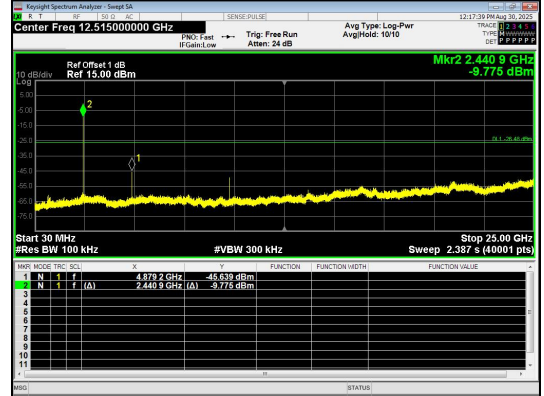
Out Of Band Emission
8DPSK_3-DH5_Channel 0



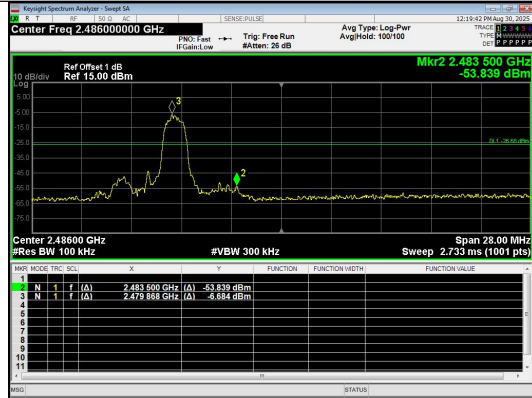
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



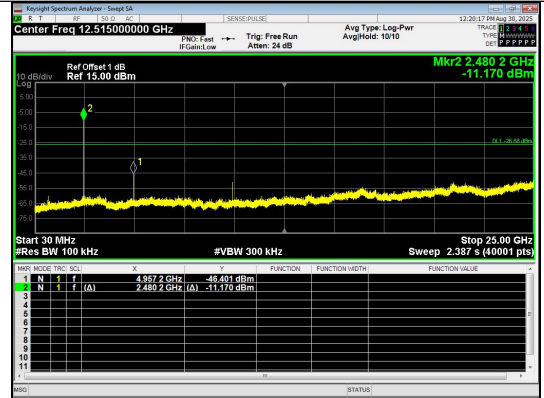
Out Of Band Emission
8DPSK_3-DH5_Channel 39



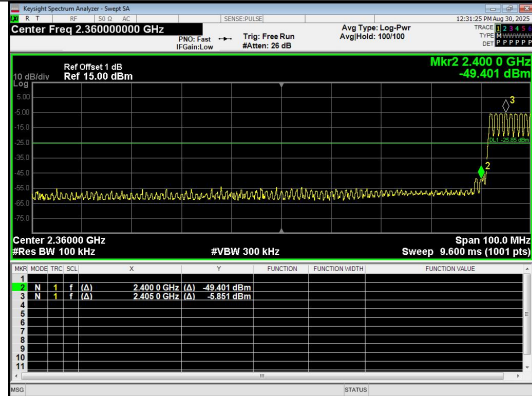
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39



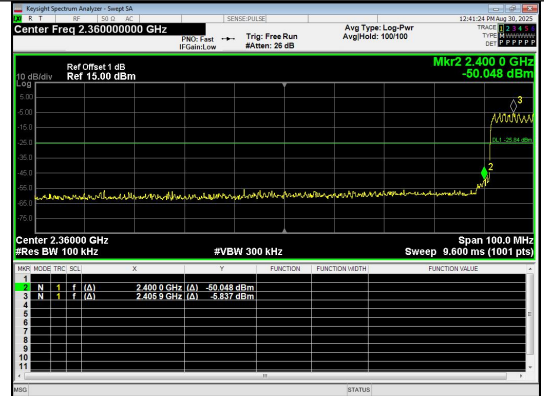
Out Of Band Emission
8DPSK_3-DH5_Channel 78



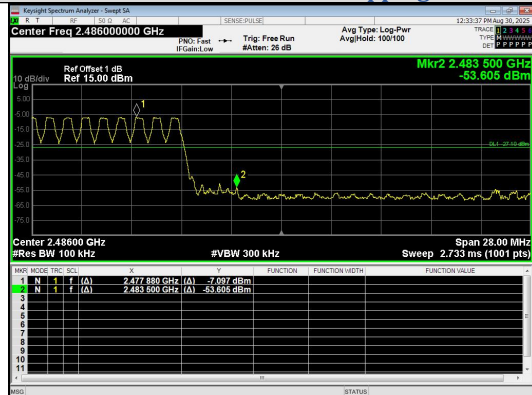
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78



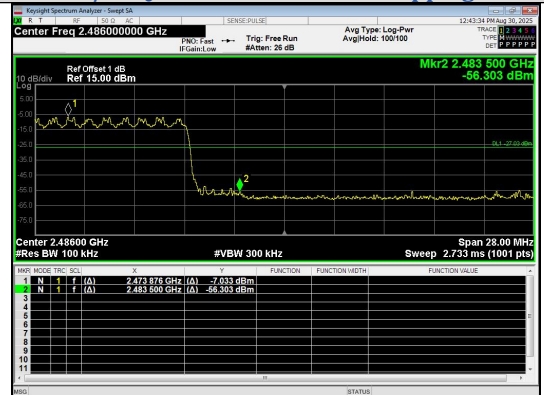
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



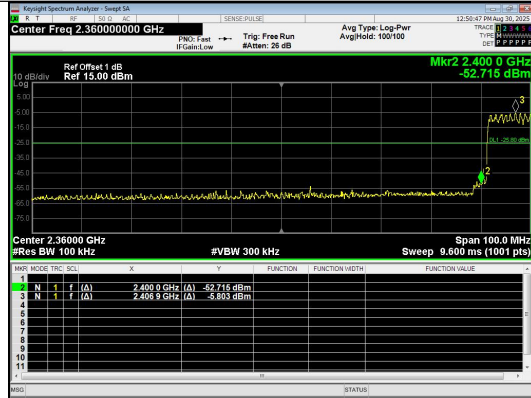
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



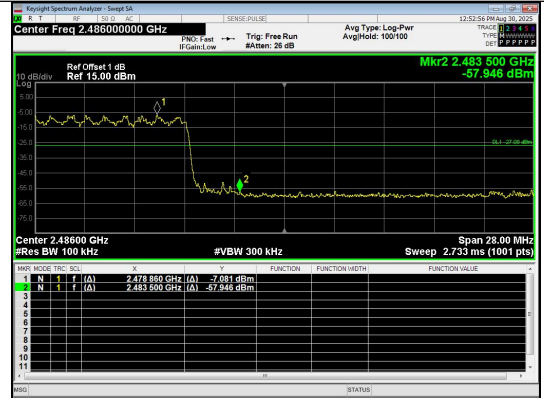
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



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