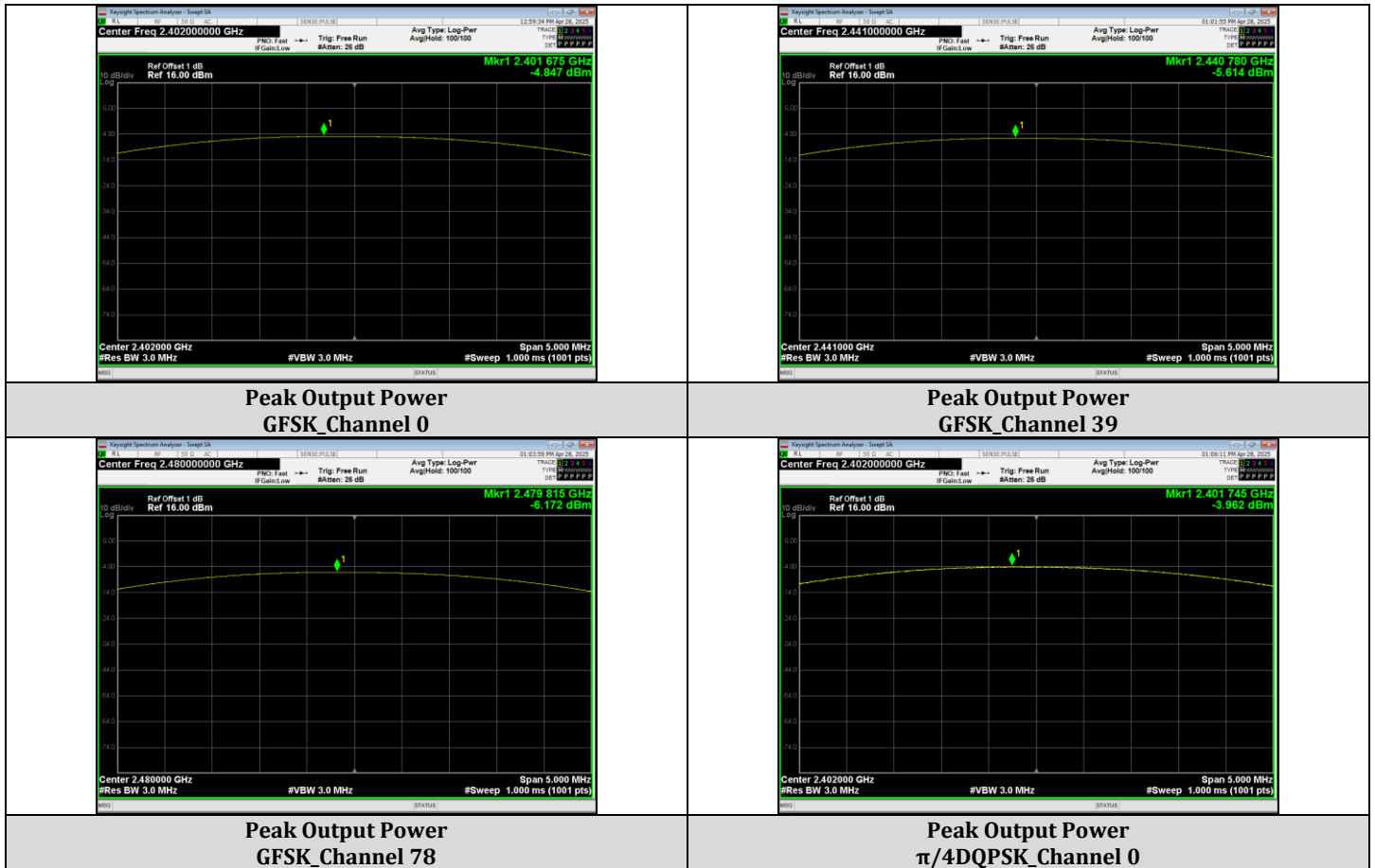


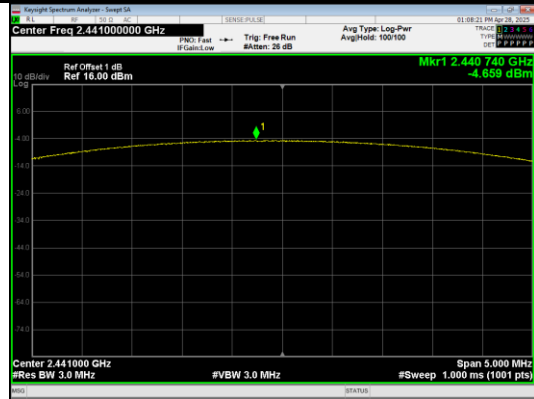
Conducted Output Power

Test Result

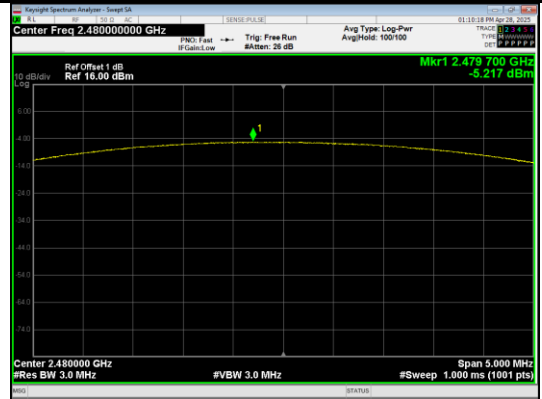
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
GFSK	DH5	0	-4.85	0.33	≤30	PASS
		39	-5.61	0.27		PASS
		78	-6.17	0.24		PASS
$\pi/4$ DQPSK	2-DH5	0	-3.96	0.40	≤20.97	PASS
		39	-4.66	0.34		PASS
		78	-5.22	0.30		PASS
8DPSK	3-DH5	0	-3.47	0.45		PASS
		39	-4.22	0.38		PASS
		78	-4.82	0.33		PASS

Test Graphs

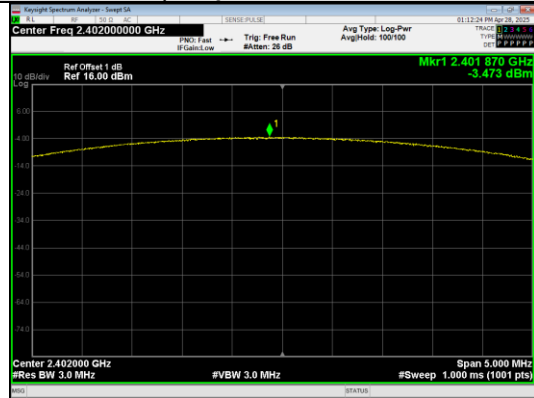




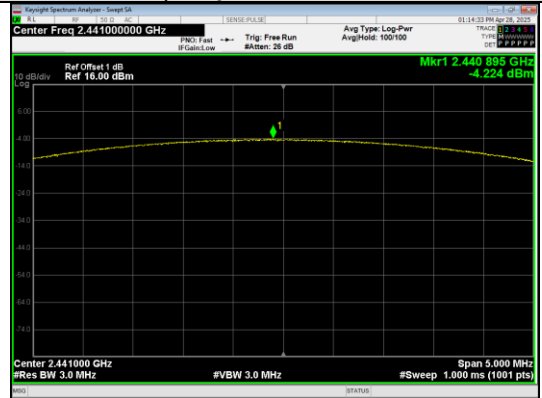
Peak Output Power
 $\pi/4$ DQPSK_Channel 39



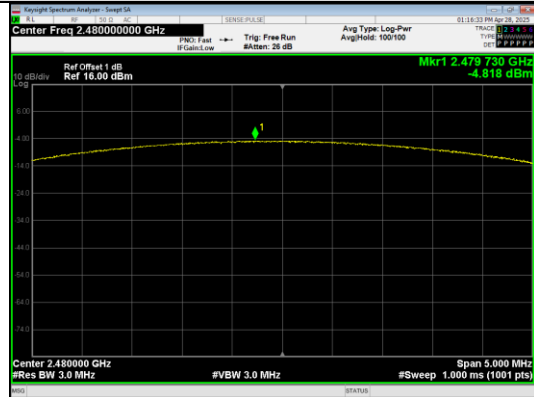
Peak Output Power
 $\pi/4$ DQPSK_Channel 78



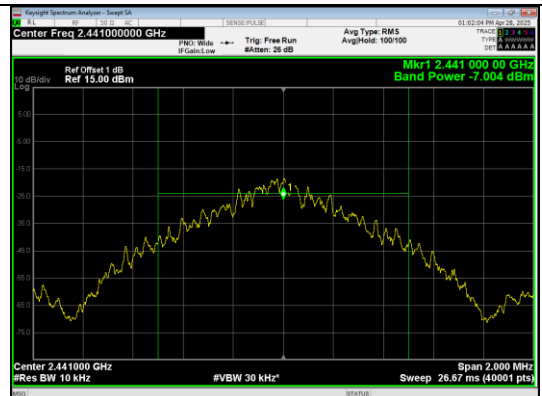
Peak Output Power
8DPSK_Channel 0



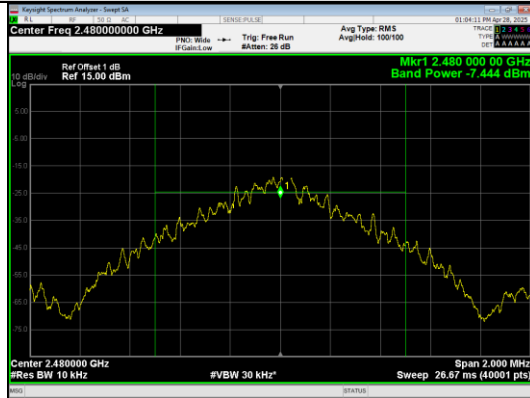
Peak Output Power
8DPSK_Channel 39



Peak Output Power
8DPSK_Channel 78



Average Output Power GFSK_Channel 0



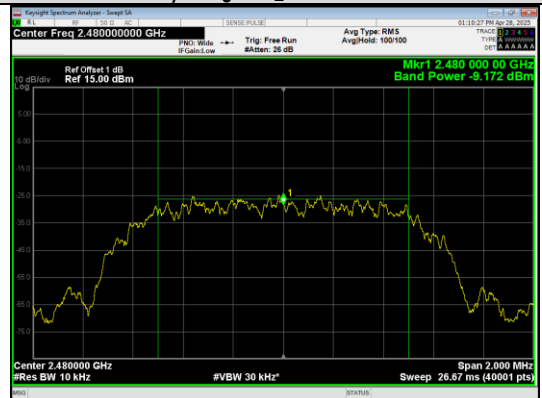
Average Output Power GFSK_Channel 39



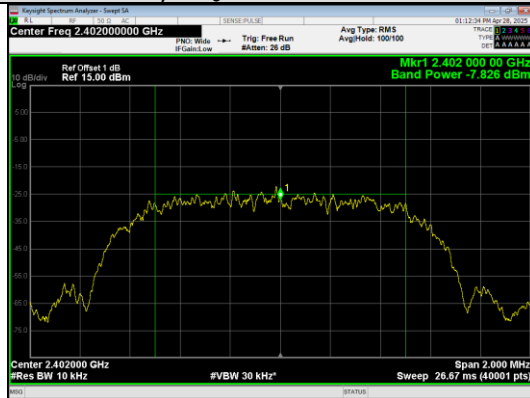
Average Output Power GFSK_Channel 78



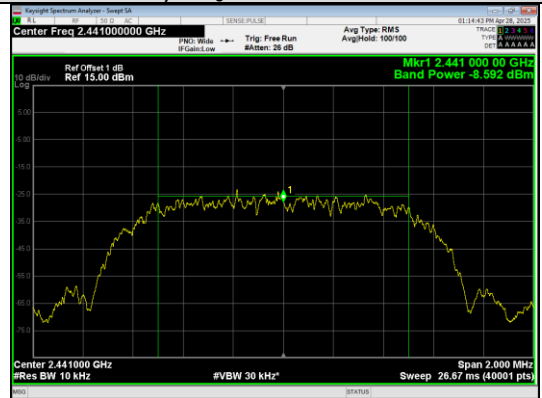
Average Output Power $\pi/4$ DQPSK_Channel 0



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



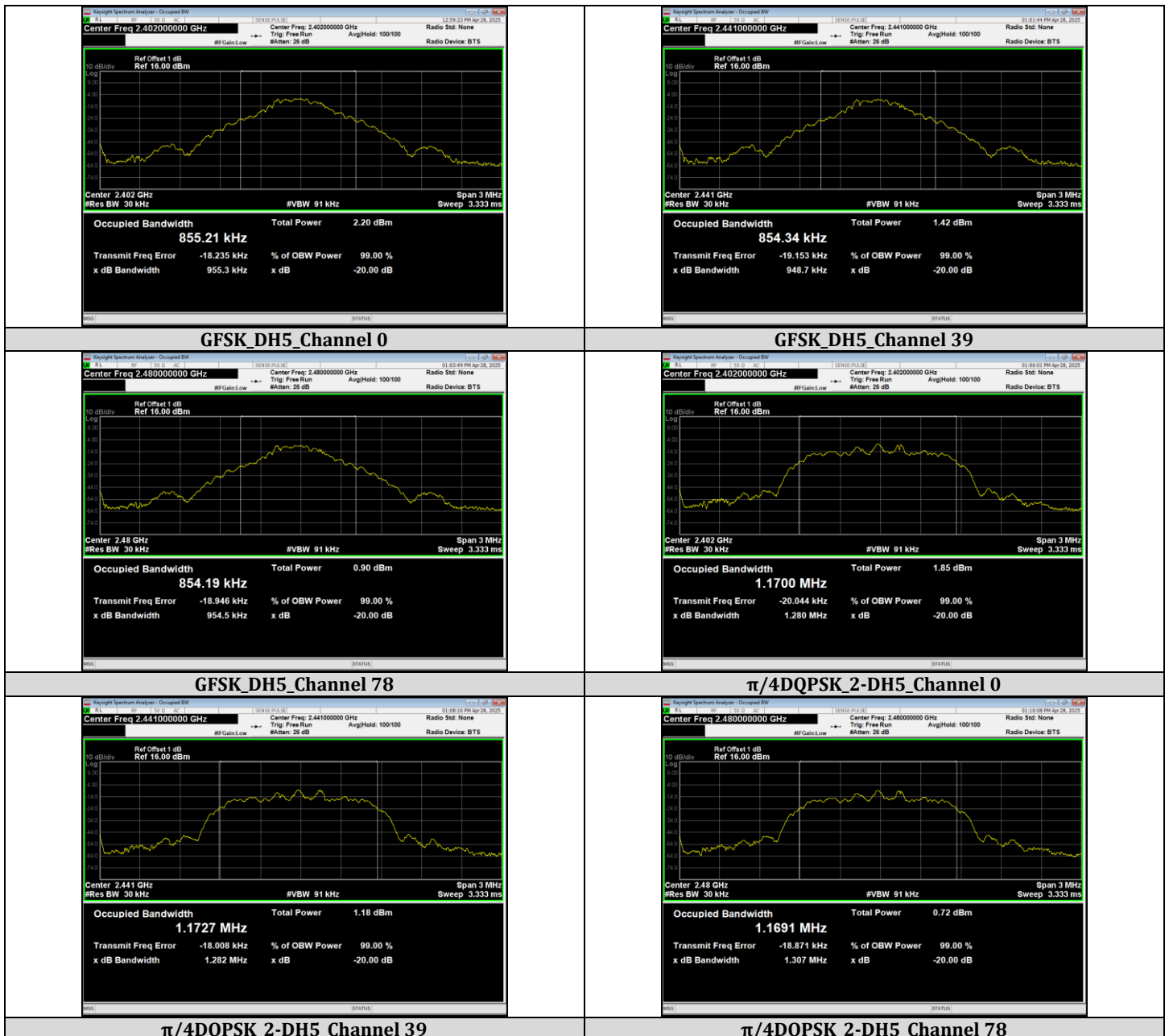
Average Output Power 8DPSK_Channel 78
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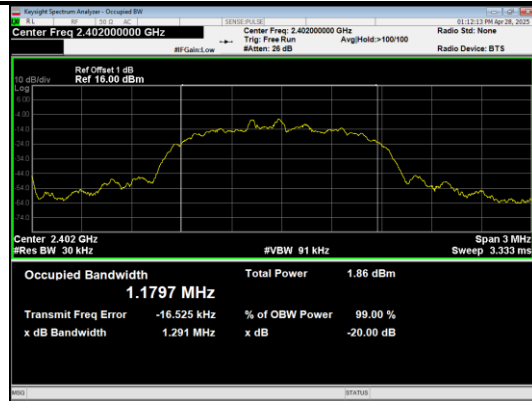
20dB Bandwidth

Test Result

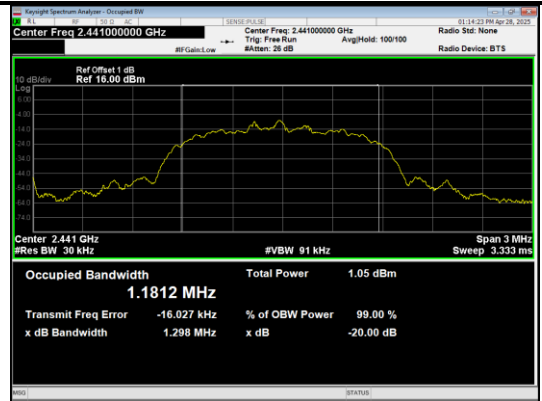
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9553
	39	2441 MHz	0.9487
	78	2480 MHz	0.9545
$\pi/4$ DQPSK	0	2402 MHz	1.280
	39	2441 MHz	1.282
	78	2480 MHz	1.307
8DPSK	0	2402 MHz	1.291
	39	2441 MHz	1.298
	78	2480 MHz	1.293

Test Graphs

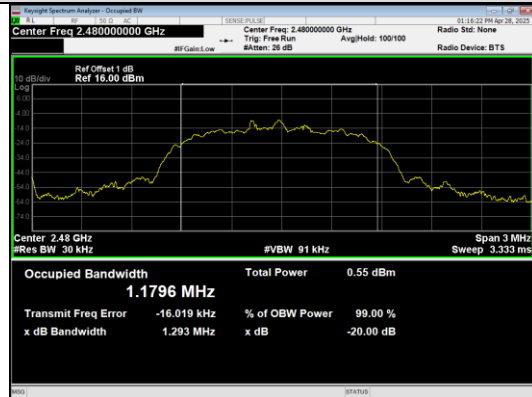




8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 39



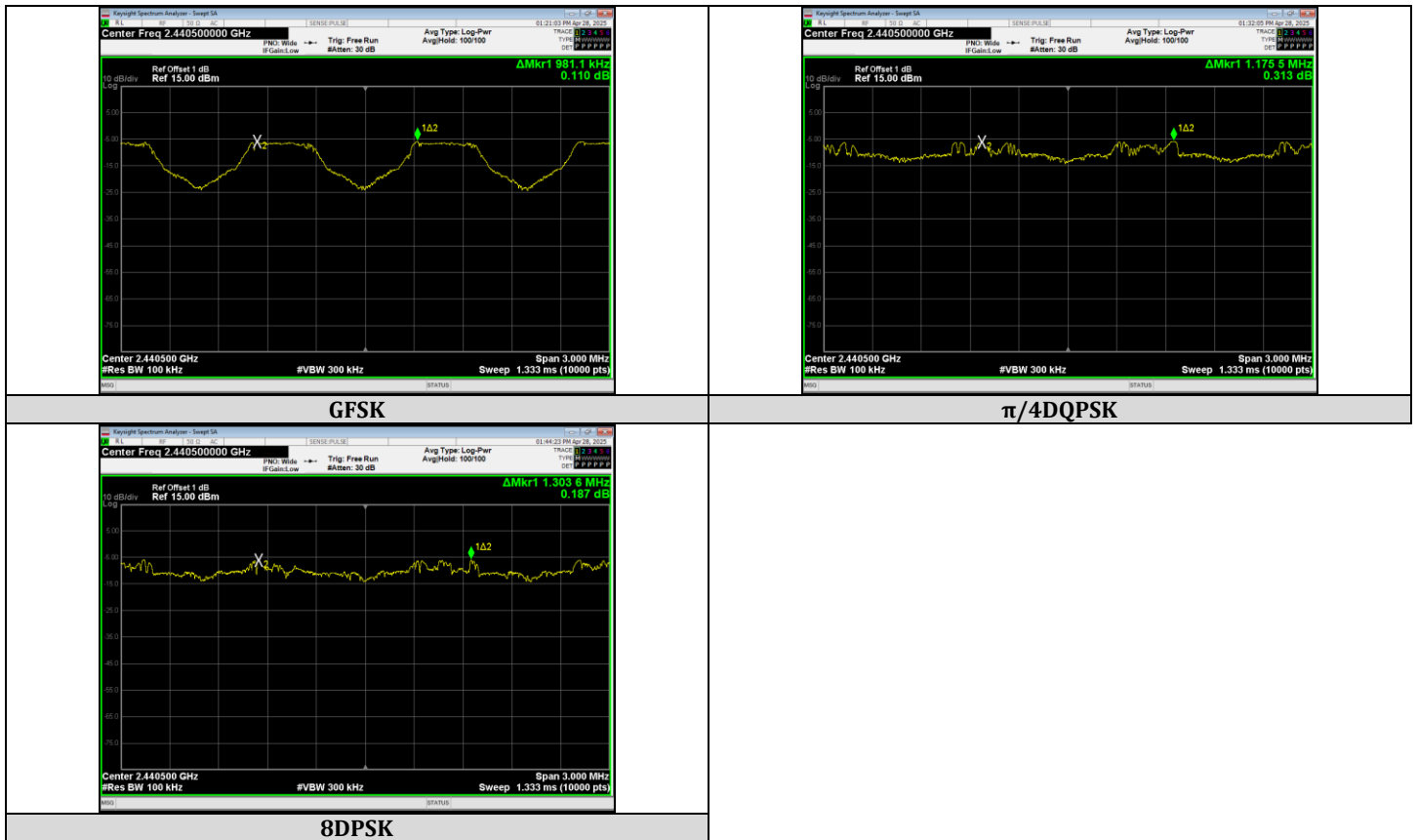
8DPSK_3-DH5_Channel 78

Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.8371	2440.8182	0.9811	0.637	PASS
$\pi/4$ DQPSK	2-DH5	2439.9724	2441.1479	1.1755	0.871	PASS
8DPSK	3-DH5	2439.8452	2441.1488	1.3036	0.865	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

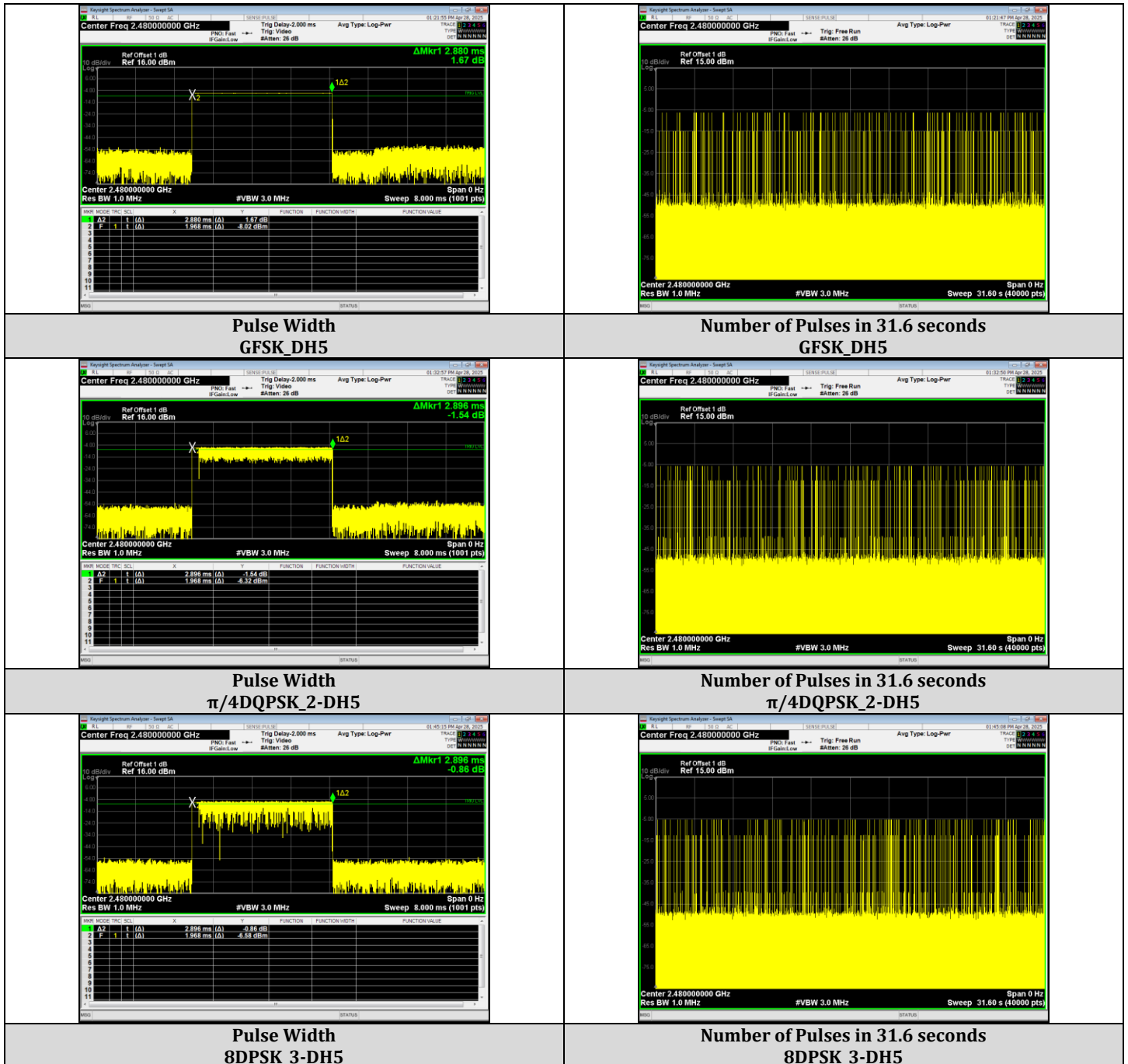


Dwell Time

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	104	299.52	< 400	PASS
$\pi/4$ DQPSK	2-DH5		2.896	98	283.81		PASS
8DPSK	3-DH5		2.896	115	333.04		PASS

Test Graphs



Conducted Out Of Band Emission

Test Result

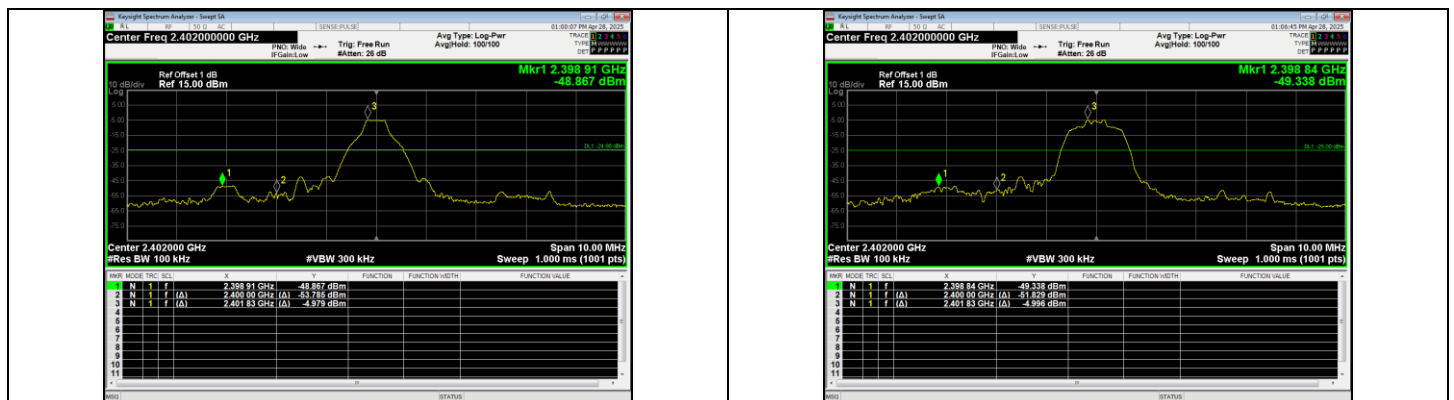
Non-Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2398.91	-48.867	-24.98	-23.887	PASS
			2400.00	-53.785	-24.98	-28.805	PASS
			9601.90	-44.665	-24.98	-19.685	PASS
		39	9757.93	-45.091	-25.81	-19.281	PASS
		78	2483.50	-54.168	-26.27	-27.898	PASS
			9914.00	-45.678	-26.27	-19.408	PASS
$\pi/4$ DQPSK	2-DH5	0	2398.84	-49.338	-25.0	-24.338	PASS
			2400.00	-51.829	-25.0	-26.829	PASS
			9601.90	-44.561	-25.0	-19.561	PASS
		39	9757.93	-44.977	-25.74	-19.237	PASS
		78	2483.50	-54.771	-26.37	-28.401	PASS
			9914.00	-45.414	-26.37	-19.044	PASS
8DPSK	3-DH5	0	2398.98	-49.489	-24.96	-24.529	PASS
			2400.00	-53.747	-24.96	-28.787	PASS
			9601.90	-44.753	-24.96	-19.793	PASS
		39	9757.93	-44.934	-25.71	-19.224	PASS
		78	2483.50	-56.384	-26.24	-30.144	PASS
			9914.00	-45.443	-26.24	-19.203	PASS

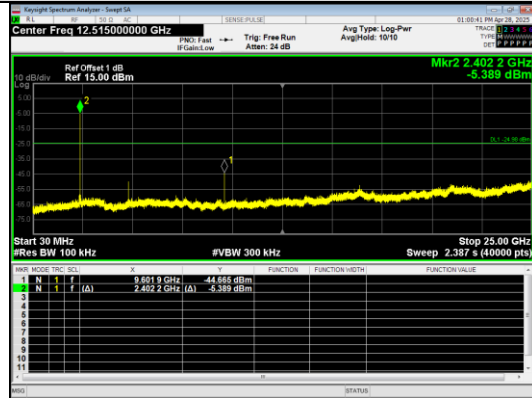
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.85	-49.323	-25.1	-24.223	PASS
			2400.00	-49.912	-25.1	-24.812	PASS
			2483.50	-55.275	-26.39	-28.885	PASS
$\pi/4$ DQPSK	2-DH5		2398.98	-49.964	-25.04	-24.924	PASS
			2400.00	-50.890	-25.04	-25.850	PASS
			2483.50	-55.441	-26.41	-29.031	PASS
8DPSK	3-DH5		2400.00	-50.266	-25.01	-25.256	PASS
			2483.50	-56.438	-26.24	-30.198	PASS

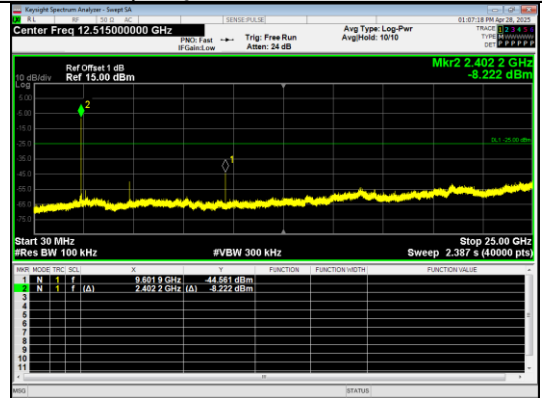
Test Graphs



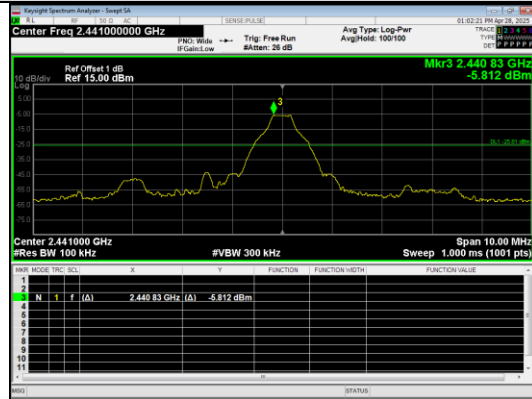
Out Of Band Emission GFSK_DH5_Channel 0



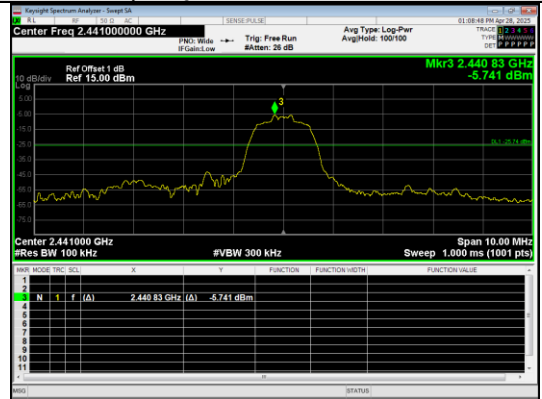
Out Of Band Emission $\pi/4$ DQPSK_2-DH5_Channel 0



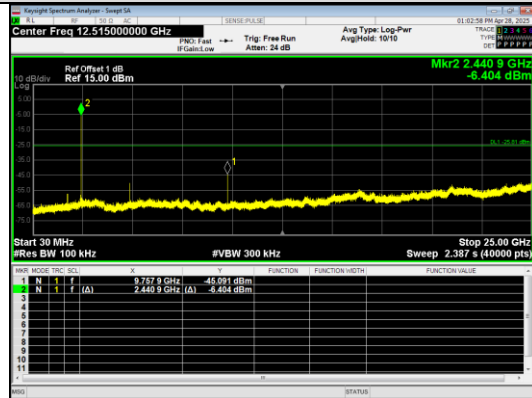
30.0 MHz - 25000.0 MHz GFSK_DH5_Channel 0



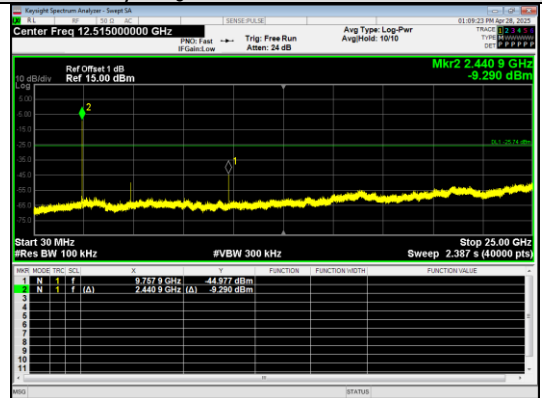
30.0 MHz - 25000.0 MHz $\pi/4$ DQPSK_2-DH5_Channel 0



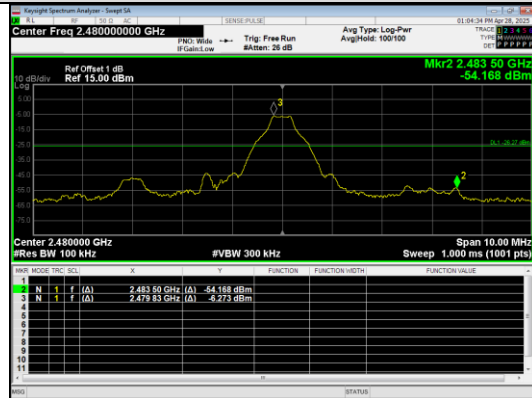
Out Of Band Emission GFSK_DH5_Channel 39



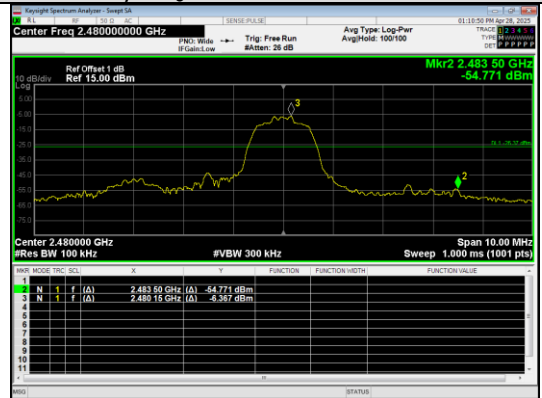
Out Of Band Emission $\pi/4$ DQPSK_2-DH5_Channel 39



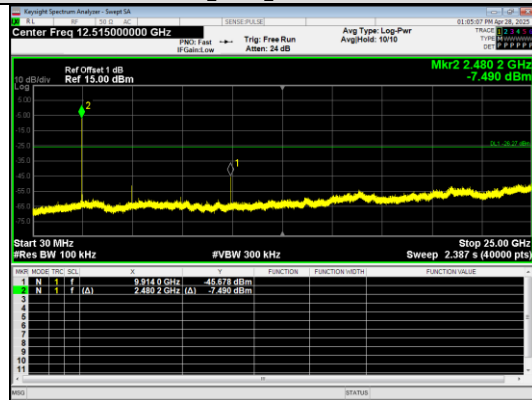
30.0 MHz - 25000.0 MHz GFSK_DH5_Channel 39



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

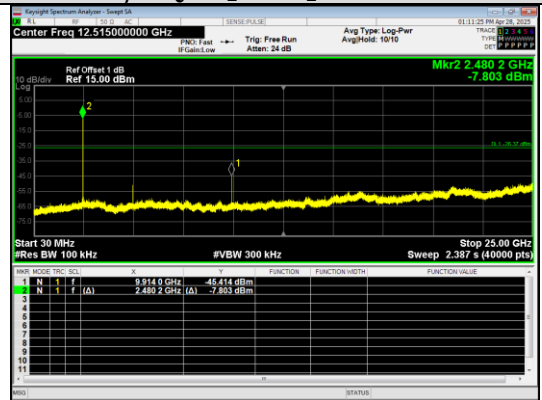


Out Of Band Emission GFSK_DH5_Channel 78

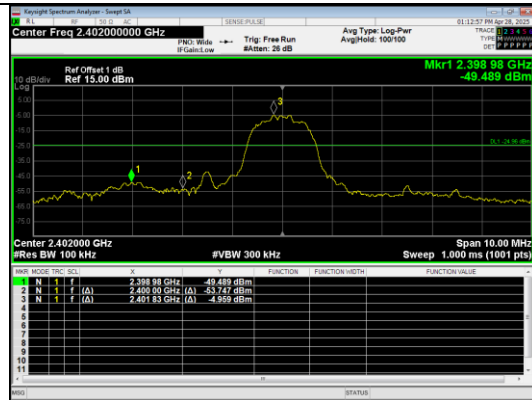


30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78

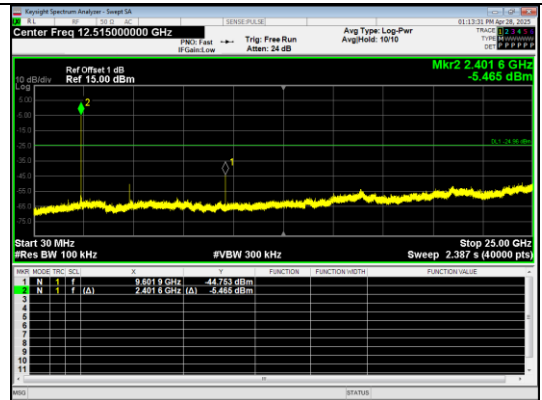
Out Of Band Emission $\pi/4$ DQPSK_2-DH5_Channel 78



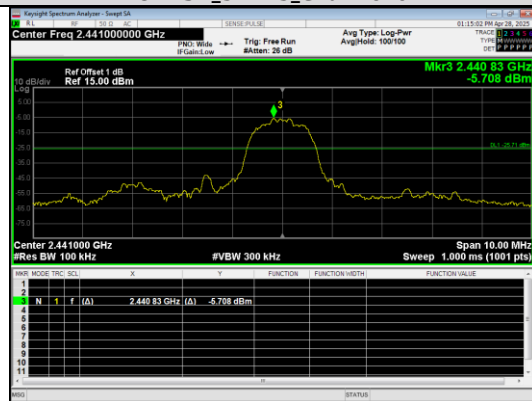
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78



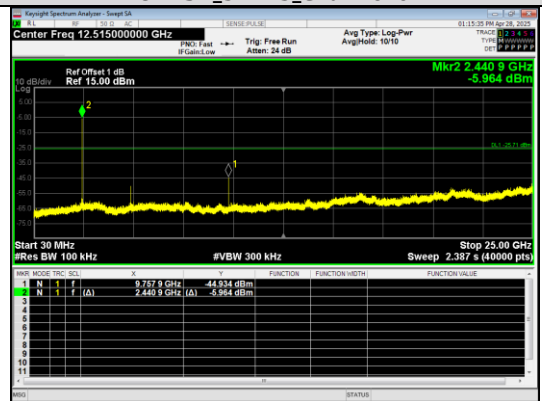
Out Of Band Emission
8DPSK_3-DH5_Channel 0



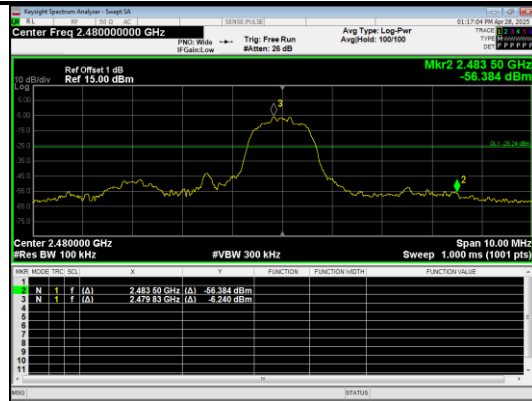
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



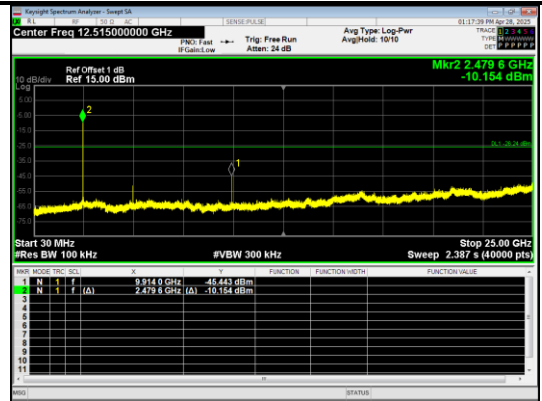
Out Of Band Emission
8DPSK_3-DH5_Channel 39



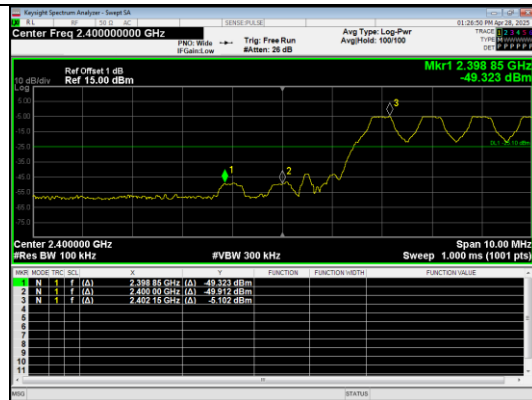
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39



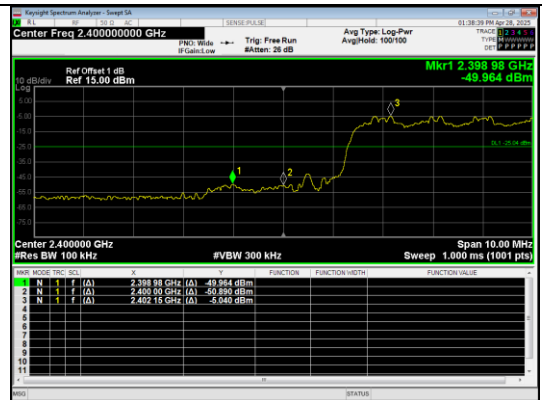
Out Of Band Emission
8DPSK_3-DH5_Channel 78



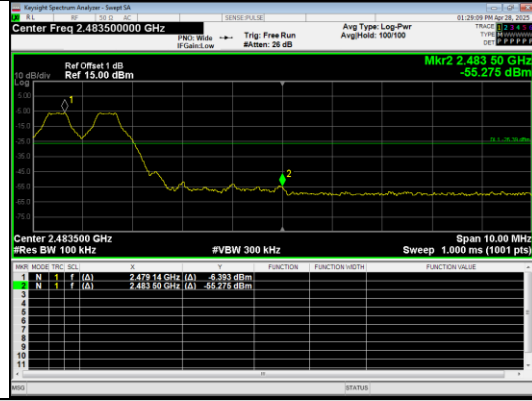
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78



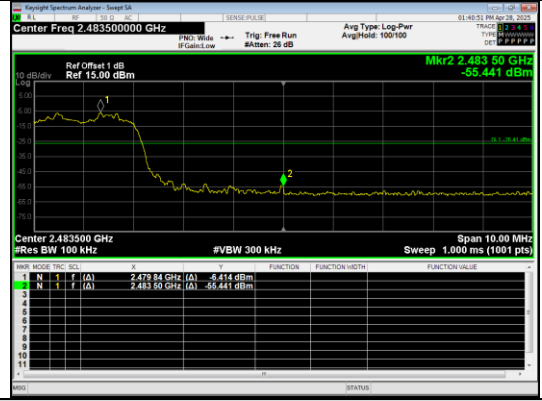
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



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



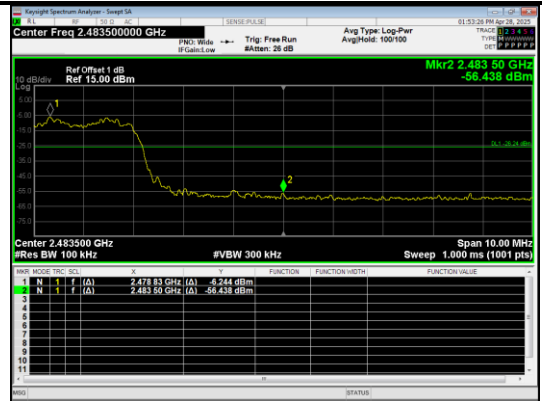
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



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 *****