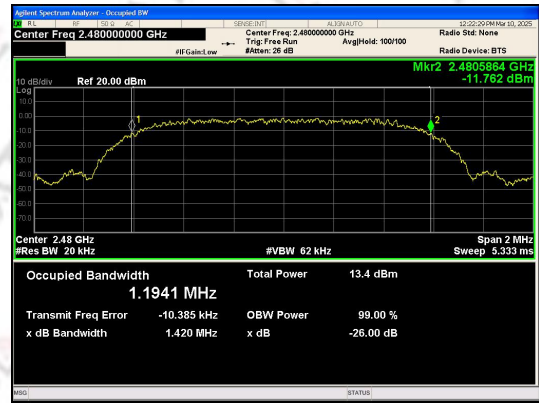
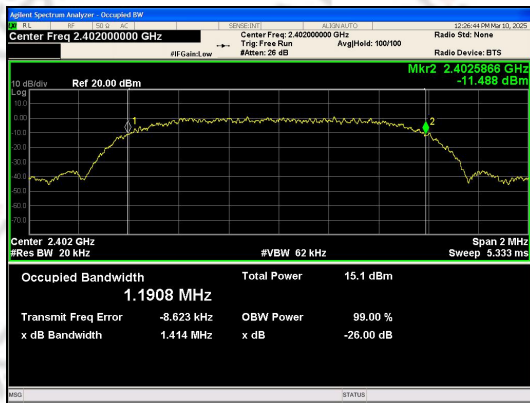




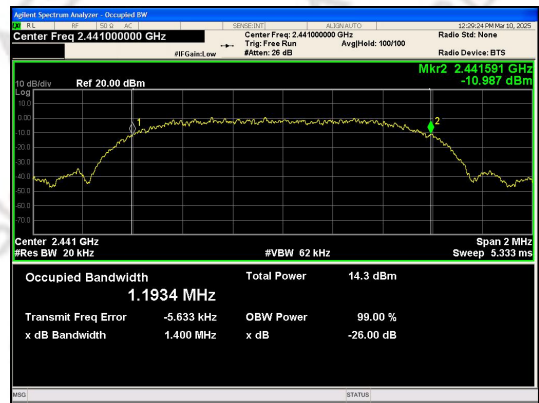
GFSK_DH5_Channel 78



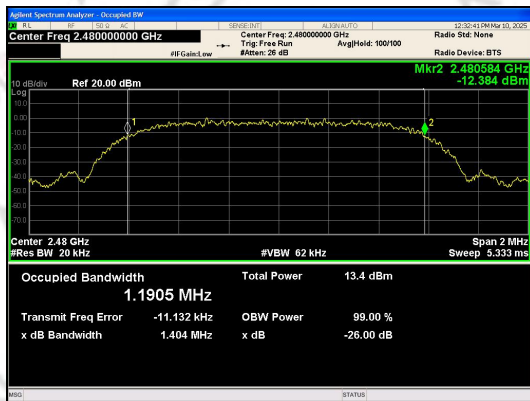
$\pi/4$ DQPSK_2-DH5_Channel 78



8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 39



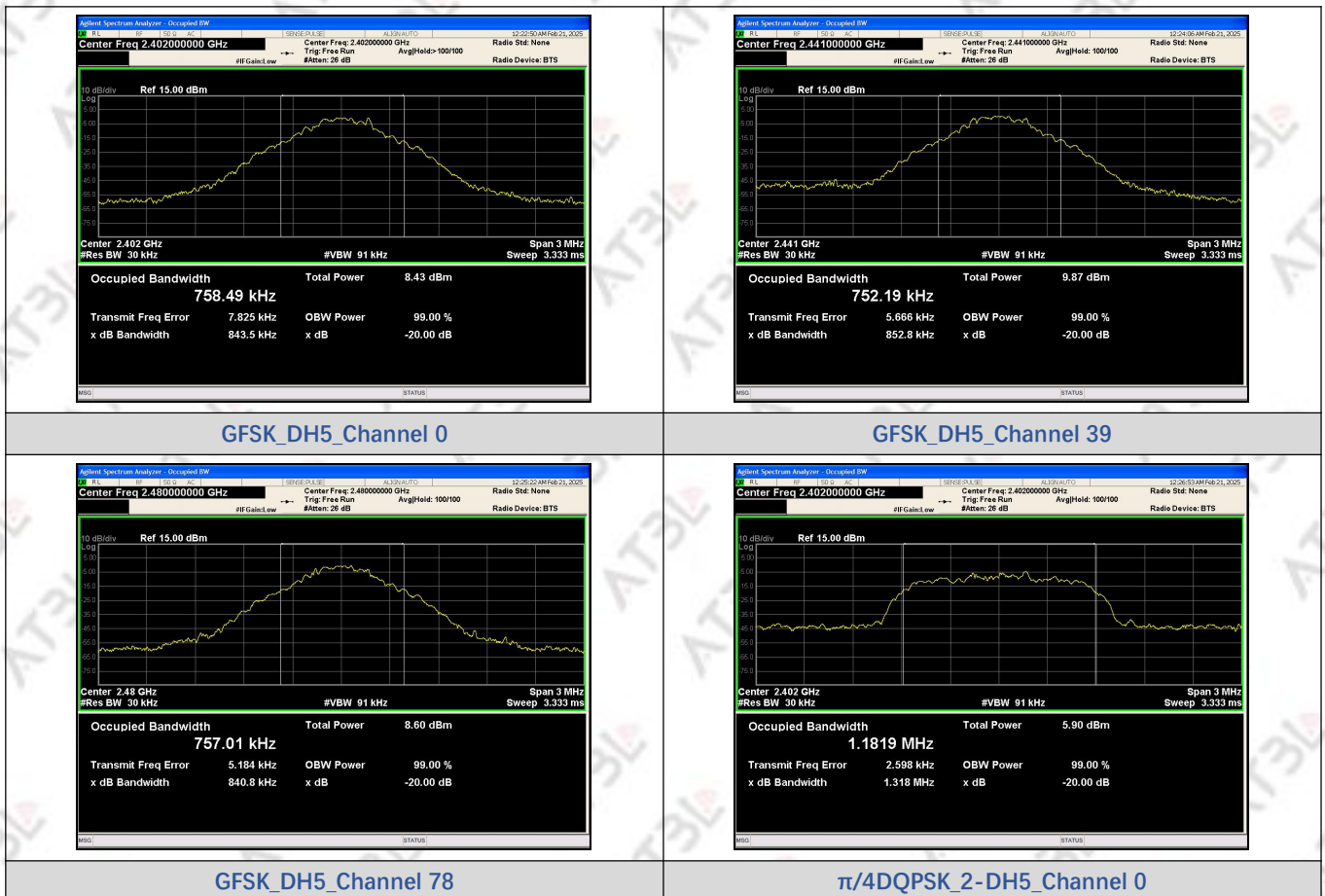
8DPSK_3-DH5_Channel 78

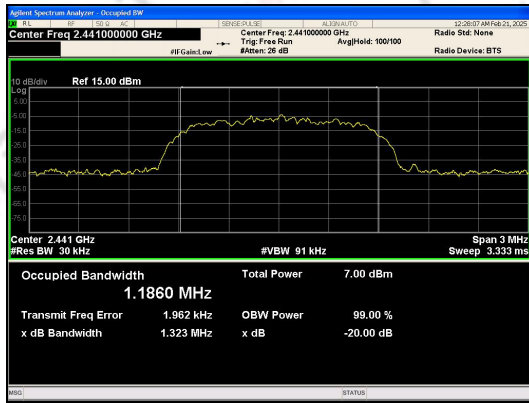
20dB Bandwidth

Test Result

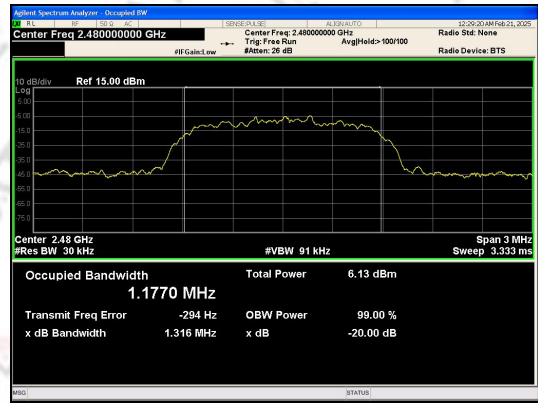
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.8435
	39	2441 MHz	0.8528
	78	2480 MHz	0.8408
$\pi/4$ DQPSK	0	2402 MHz	1.318
	39	2441 MHz	1.323
	78	2480 MHz	1.316
8DPSK	0	2402 MHz	1.304
	39	2441 MHz	1.307
	78	2480 MHz	1.319

Test Graphs

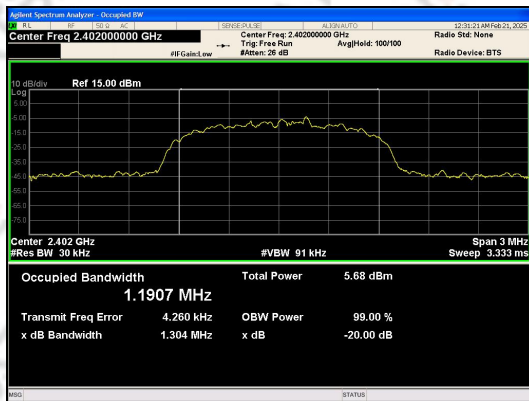




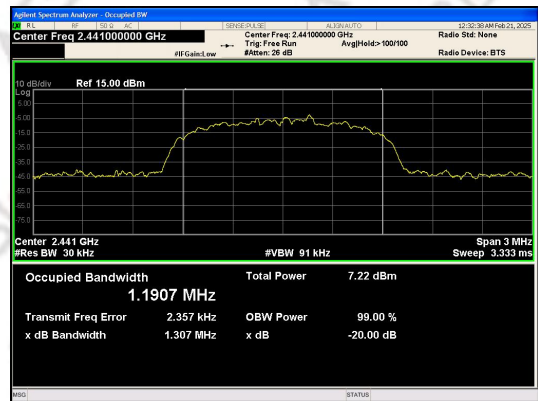
$\pi/4$ DQPSK_2-DH5_Channel 39



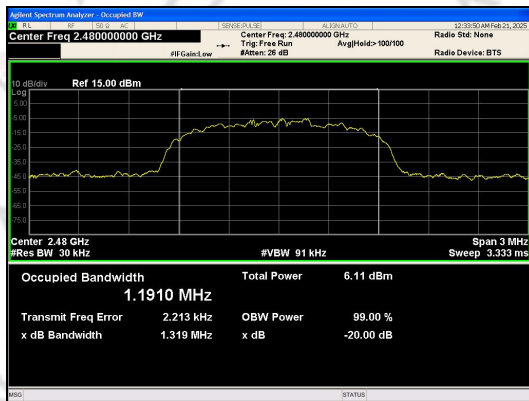
$\pi/4$ DQPSK_2-DH5_Channel 78



8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 39



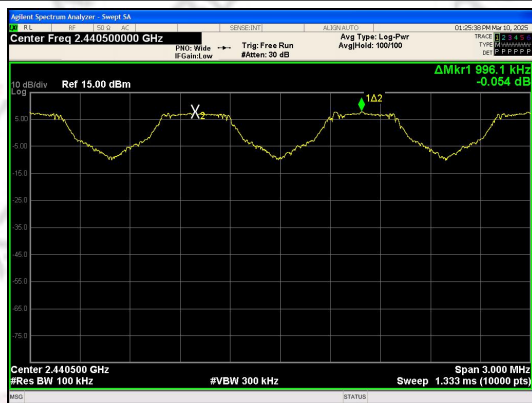
8DPSK_3-DH5_Channel 78

Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.9898	2440.9859	0.9961	0.64	PASS
π /4DQPSK	2-DH5	2439.9823	2440.9784	0.9961	0.91	PASS
8DPSK	3-DH5	2439.9256	2441.1497	1.2241	0.905	PASS

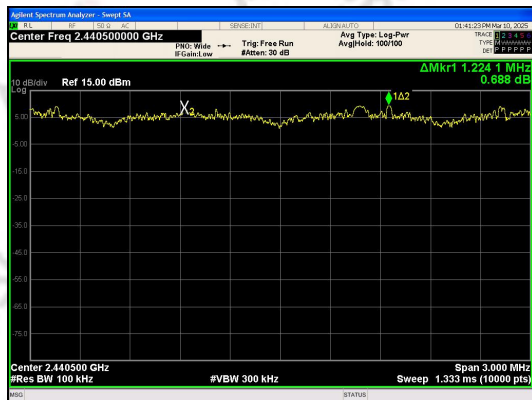
Test Graphs



GFSK



$\pi/4$ DQPSK



8DPSK

Conducted Out Of Band Emission

Test Result

Non-Hopping

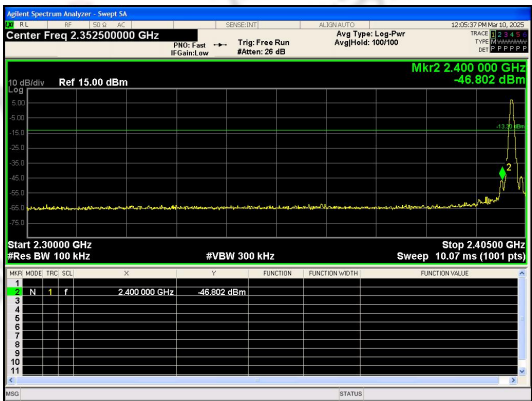
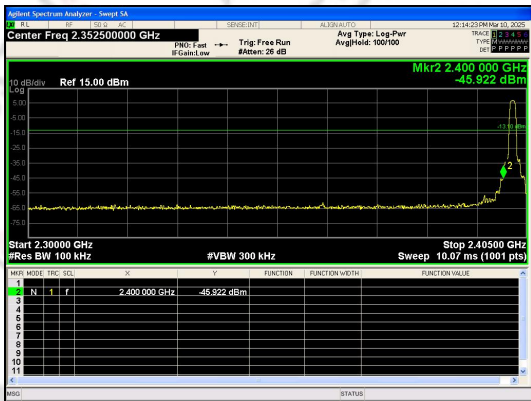
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-46.802	-13.3	-33.502	PASS
			4803.64	-63.836	-13.3	-50.535	PASS
			7205.75	-63.866	-13.3	-50.566	PASS
			9607.24	-65.473	-13.3	-52.173	PASS
			24754.7	-48.274	-13.3	-34.974	PASS
		39	4881.67	-63.606	-14.27	-49.336	PASS
			7323.11	-65.326	-14.27	-51.056	PASS
			9763.93	-65.109	-14.27	-50.839	PASS
			24740.3	-48.495	-14.27	-34.225	PASS
		78	2483.50	-61.122	-14.99	-46.132	PASS
			4959.70	-62.124	-14.99	-47.134	PASS
			7440.47	-62.690	-14.99	-47.700	PASS
			9919.99	-64.592	-14.99	-49.602	PASS
			24807.1	-47.851	-14.99	-32.861	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-45.922	-13.1	-32.822	PASS
			4803.64	-61.738	-13.1	-48.638	PASS
			7205.75	-64.695	-13.1	-51.595	PASS
			9608.49	-65.403	-13.1	-52.303	PASS
			24772.2	-49.305	-13.1	-36.205	PASS
		39	4882.30	-63.862	-14.11	-49.752	PASS
			7323.74	-63.695	-14.11	-49.585	PASS
			9763.31	-66.111	-14.11	-52.001	PASS
			24847.7	-49.003	-14.11	-34.893	PASS
		78	2483.50	-59.532	-14.97	-44.562	PASS
			4960.33	-62.381	-14.97	-47.411	PASS
			7440.47	-62.965	-14.97	-47.995	PASS
			9919.37	-65.406	-14.97	-50.436	PASS
			24712.2	-48.790	-14.97	-33.820	PASS
8DPSK	3-DH5	0	2400.00	-45.656	-13.47	-32.186	PASS
			4804.26	-61.814	-13.47	-48.344	PASS
			7206.38	-63.071	-13.47	-49.601	PASS
			9607.24	-65.518	-13.47	-52.048	PASS
			24908.9	-49.449	-13.47	-35.979	PASS
		39	4882.30	-62.324	-13.87	-48.454	PASS
			7323.74	-62.518	-13.87	-48.648	PASS
			9763.93	-64.298	-13.87	-50.428	PASS

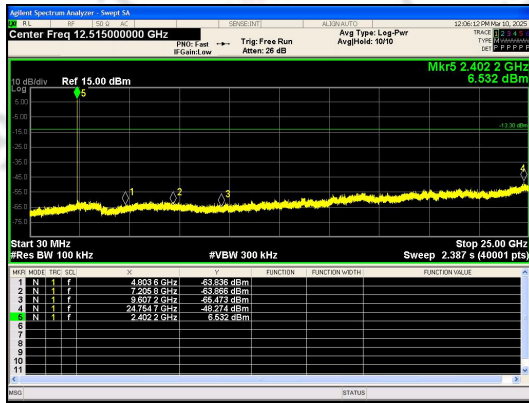
			24790.2	-48.604	-13.87	-34.734	PASS
		78	2483.50	-57.977	-14.68	-43.297	PASS
			4959.08	-64.359	-14.68	-49.679	PASS
			7439.85	-63.904	-14.68	-49.224	PASS
			9919.99	-65.517	-14.68	-50.837	PASS
			24814.6	-48.949	-14.68	-34.269	PASS

Hopping

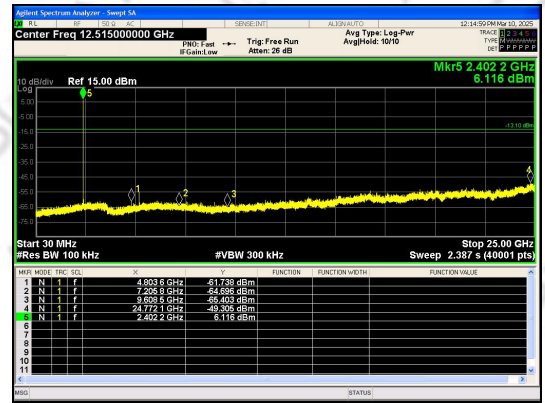
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2400.00	-46.167	-11.22	-34.947	PASS
			2483.50	-58.428	-12.82	-45.608	PASS
$\pi/4$ DQPSK	2-DH5		2400.00	-45.249	-9.58	-35.669	PASS
			2483.50	-56.619	-11.16	-45.459	PASS
8DPSK	3-DH5		2400.00	-45.367	-10.03	-35.337	PASS
			2483.50	-57.720	-11.29	-46.430	PASS

Test Graphs

	
In-Band Reference Level GFSK_DH5_Channel 0	In-Band Reference Level $\pi/4$ DQPSK_2-DH5_Channel 0
	
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



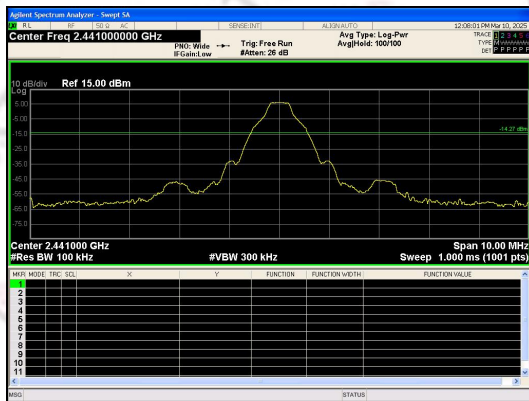
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 0



In-Band Reference Level
GFSK_DH5_Channel 39



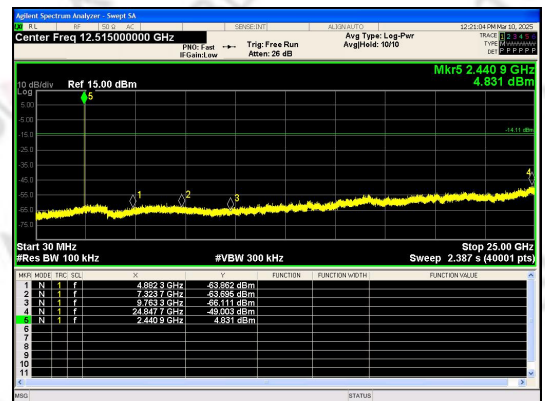
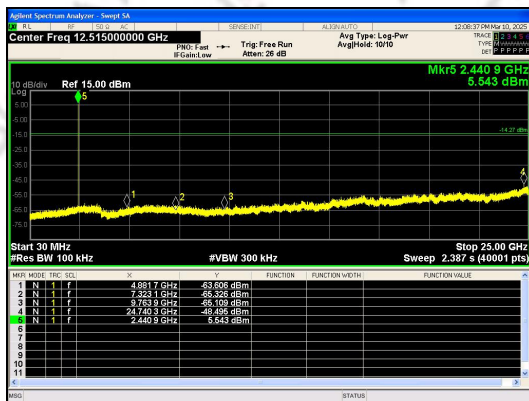
In-Band Reference Level
 $\pi/4$ DQPSK_2-DH5_Channel 39



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



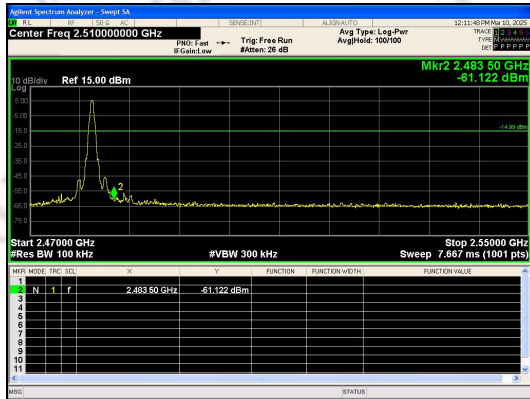
30.0 MHz - 25000.0 MHz

$\pi/4$ DQPSK_2-DH5_Channel 39



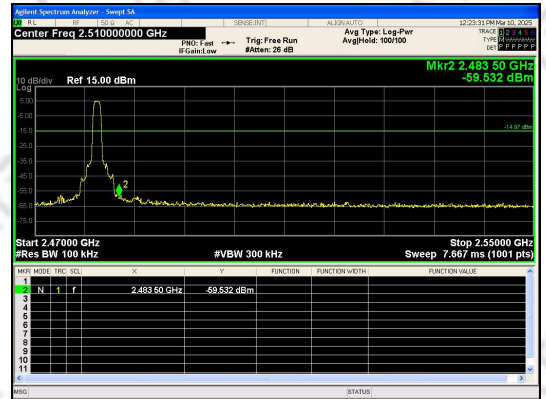
In-Band Reference Level

GFSK_DH5_Channel 78



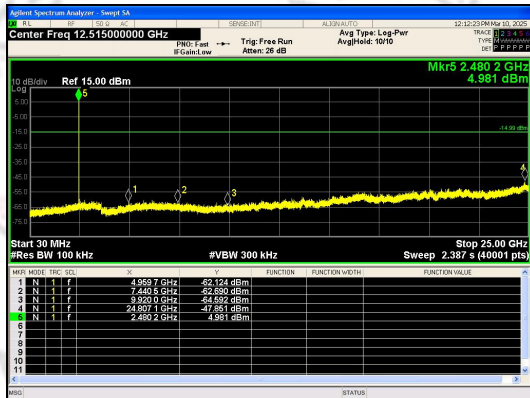
In-Band Reference Level

$\pi/4$ DQPSK_2-DH5_Channel 78



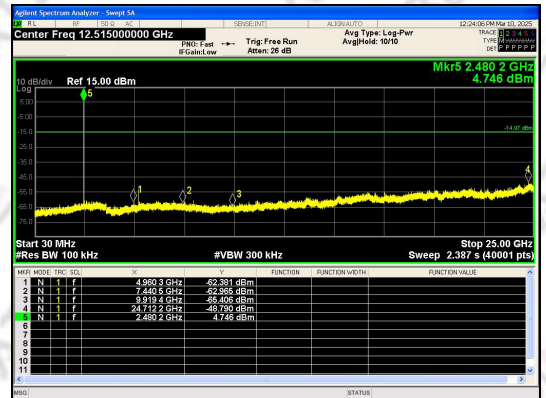
Out Of Band Emission

GFSK_DH5_Channel 78



Out Of Band Emission

$\pi/4$ DQPSK_2-DH5_Channel 78



30.0 MHz - 25000.0 MHz

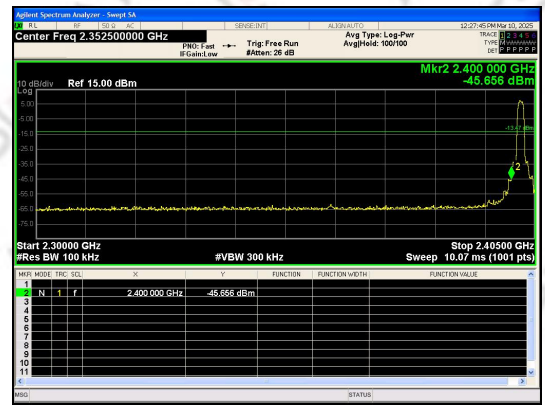
GFSK_DH5_Channel 78

30.0 MHz - 25000.0 MHz

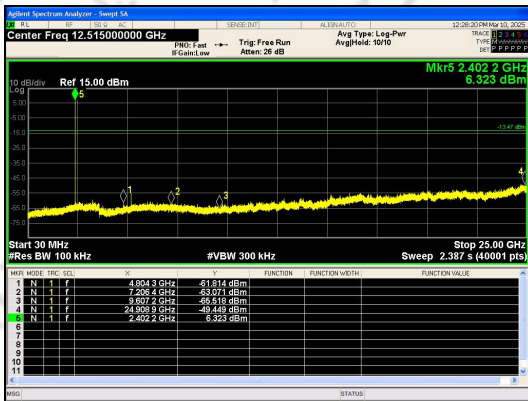
$\pi/4$ DQPSK_2-DH5_Channel 78



In-Band Reference Level
8DPSK_3-DH5_Channel 0



Out Of Band Emission
8DPSK_3-DH5_Channel 0



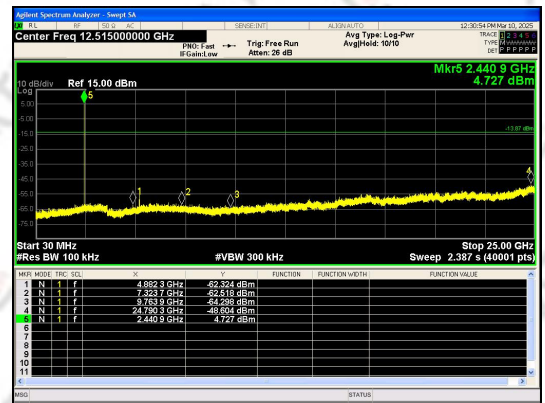
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



In-Band Reference Level
8DPSK_3-DH5_Channel 39



Out Of Band Emission
8DPSK_3-DH5_Channel 39



30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39

