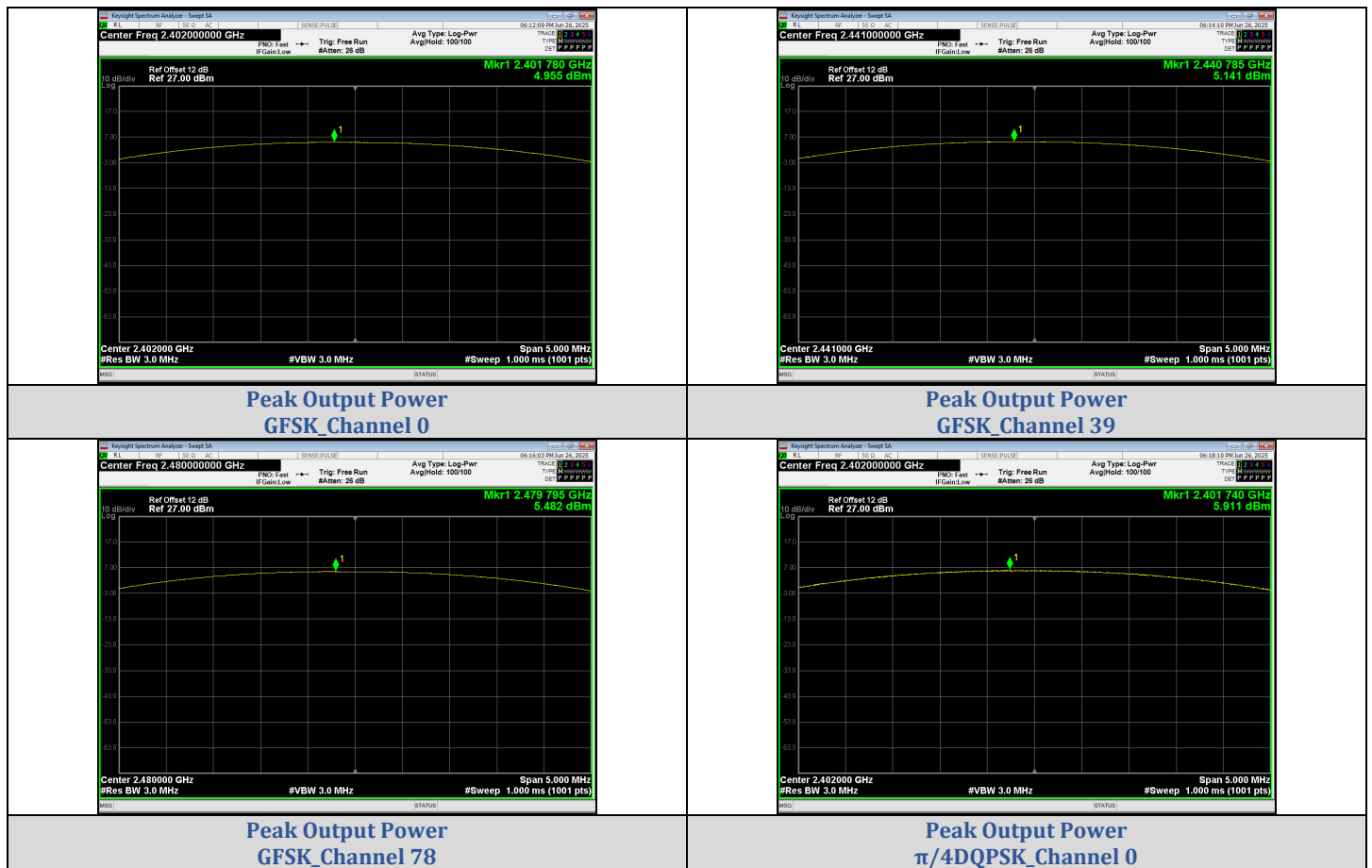


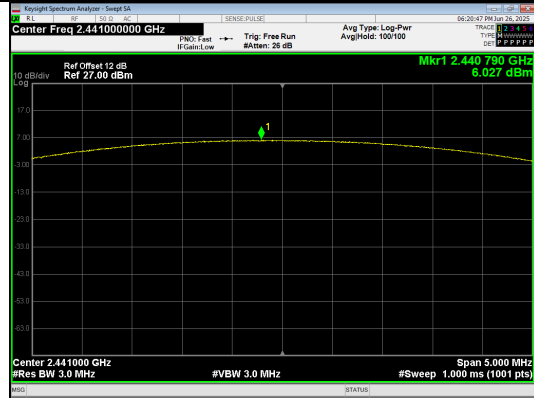
Conducted Output Power

Test Result

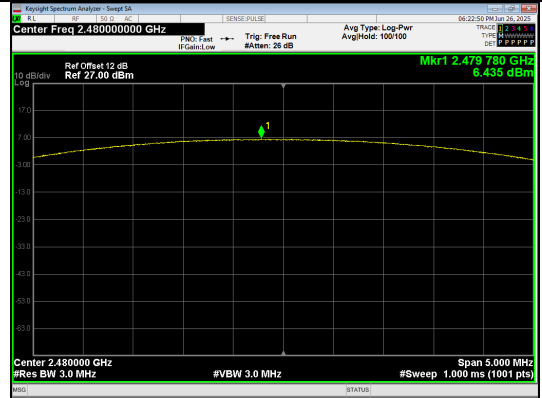
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Limit (dBm)	Result
GFSK	DH5	0	4.96	≤30	PASS
		39	5.14		PASS
		78	5.48		PASS
$\pi/4$ DQPSK	2-DH5	0	5.91	≤20.97	PASS
		39	6.03		PASS
		78	6.43		PASS
8DPSK	3-DH5	0	6.36		PASS
		39	6.52		PASS
		78	6.90		PASS

Test Graphs

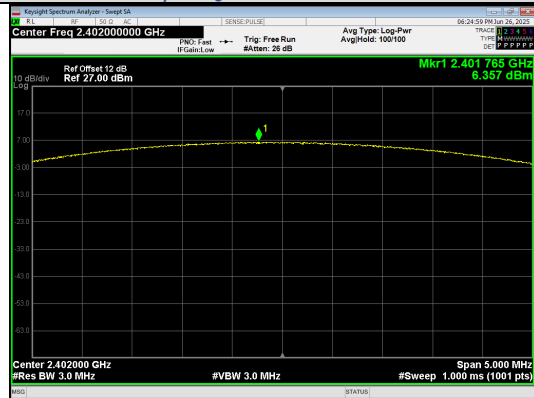




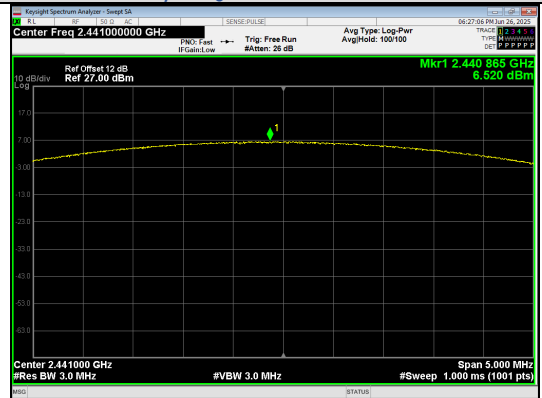
Peak Output Power
 $\pi/4$ DQPSK_Channel 39



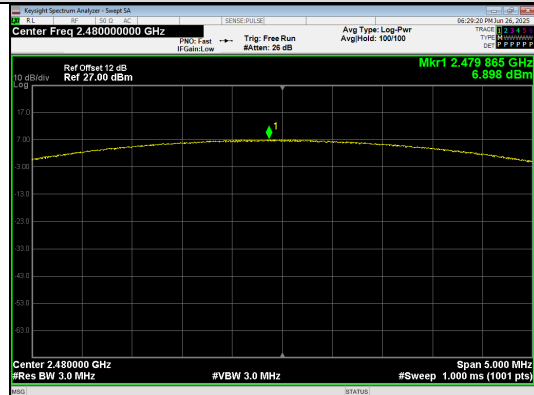
Peak Output Power
 $\pi/4$ DQPSK_Channel 78



Peak Output Power
8DPSK_Channel 0



Peak Output Power
8DPSK_Channel 39



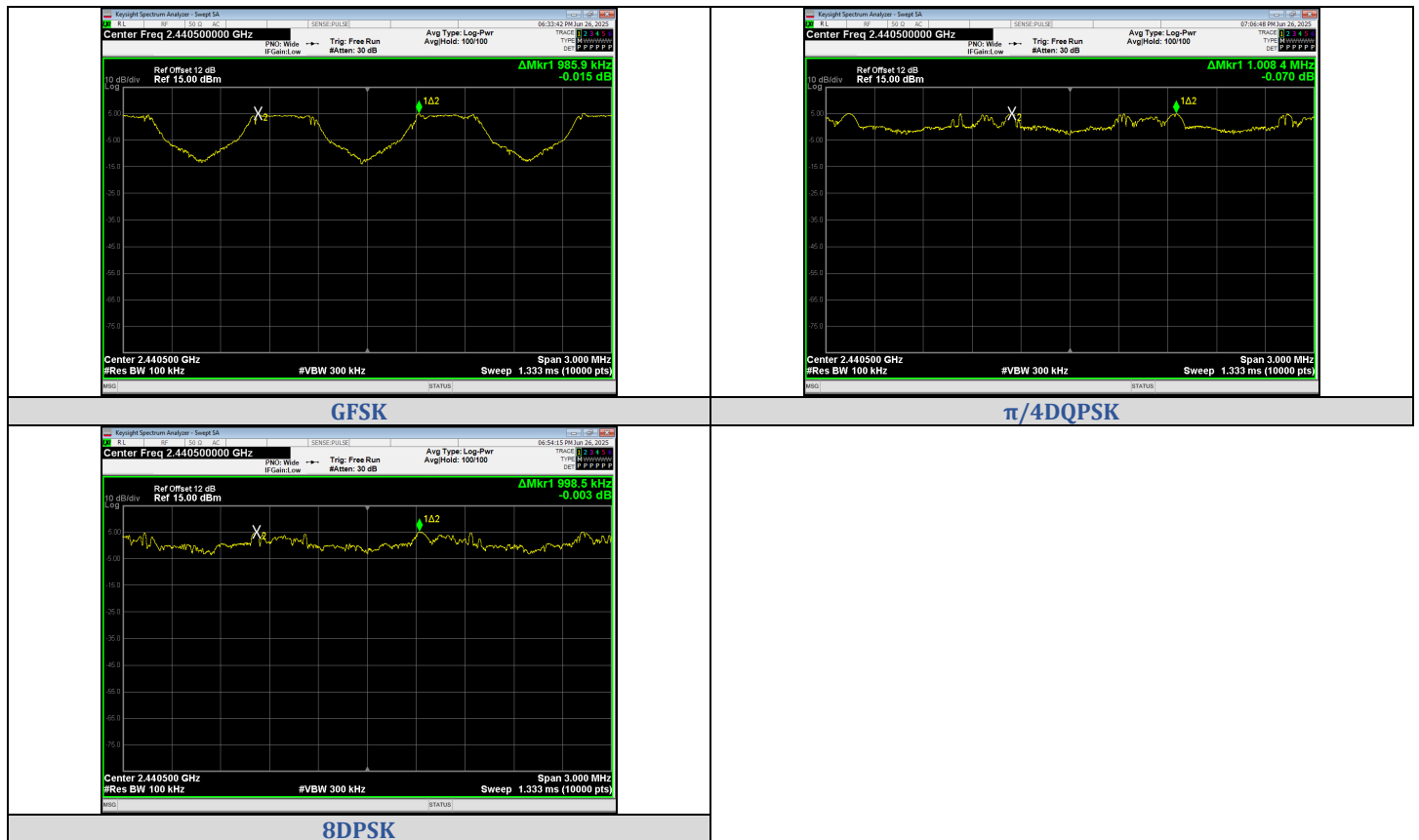
Peak Output Power
8DPSK_Channel 78

Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.8305	2440.8164	0.9859	0.637	PASS
$\pi/4$ DQPSK	2-DH5	2440.1437	2441.1521	1.0084	0.872	PASS
8DPSK	3-DH5	2439.8215	2440.82	0.9985	0.867	PASS

Test Graphs



Conducted Out Of Band Emission

Test Result

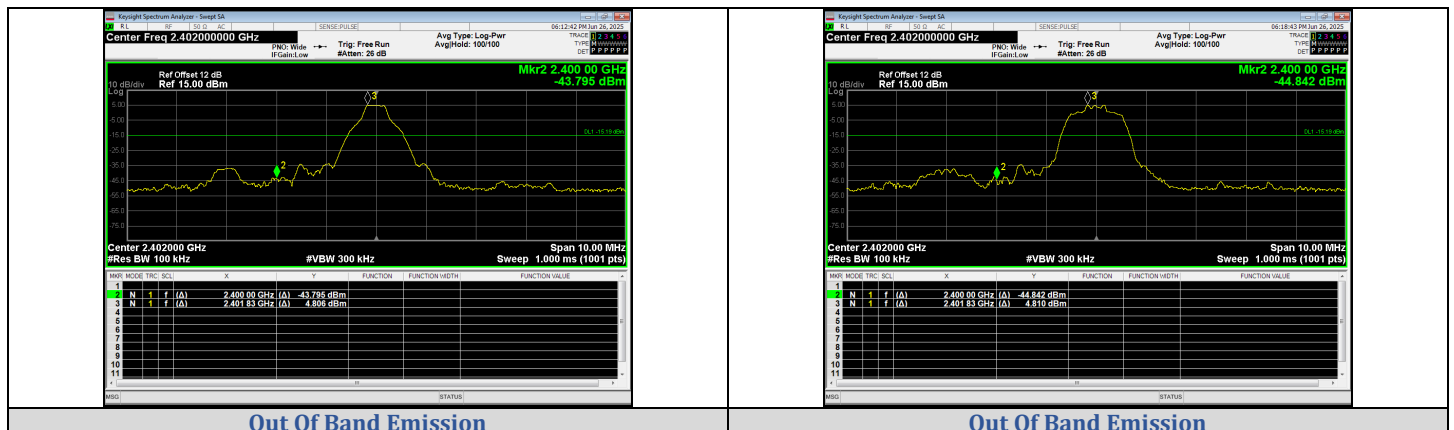
Non-Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2399.00	-37.313	-15.19	-22.123	PASS
			2400.00	-43.795	-15.19	-28.605	PASS
			9601.60	-39.896	-15.19	-24.706	PASS
		39	2626.94	-39.320	-15.04	-24.280	PASS
		78	2483.50	-44.795	-14.65	-30.145	PASS
			2575.76	-42.685	-14.65	-28.035	PASS
$\pi/4$ DQPSK	2-DH5	0	2399.00	-37.412	-15.19	-22.222	PASS
			2400.00	-44.842	-15.19	-29.652	PASS
			9601.90	-39.547	-15.19	-24.357	PASS
		39	2625.70	-40.507	-15.01	-25.497	PASS
		78	2483.50	-45.977	-14.64	-31.337	PASS
			9914.00	-44.139	-14.64	-29.499	PASS
8DPSK	3-DH5	0	2398.97	-37.633	-15.13	-22.503	PASS
			2400.00	-44.451	-15.13	-29.321	PASS
			5810.10	-33.281	-15.13	-18.151	PASS
		39	9757.93	-41.700	-15.0	-26.700	PASS
		78	2483.50	-45.596	-14.63	-30.966	PASS
			9914.00	-43.955	-14.63	-29.325	PASS

Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2400.00	-36.923	-15.13	-21.793	PASS
π/4DQPSK	2-DH5		2483.50	-46.178	-14.64	-31.538	PASS
			2398.98	-36.845	-15.1	-21.745	PASS
			2400.00	-37.030	-15.1	-21.930	PASS
			2483.50	-47.257	-14.97	-32.287	PASS
8DPSK	3-DH5		2400.00	-38.533	-15.28	-23.253	PASS
		2483.50	-46.929	-14.62	-32.309	PASS	

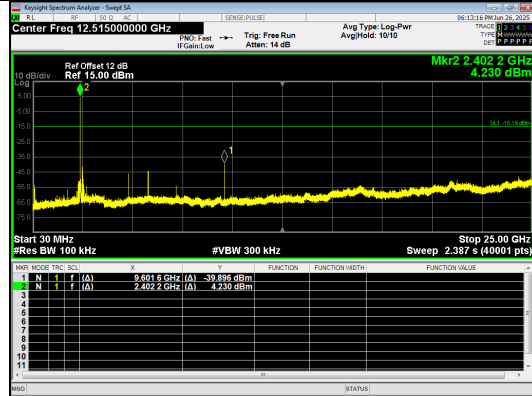
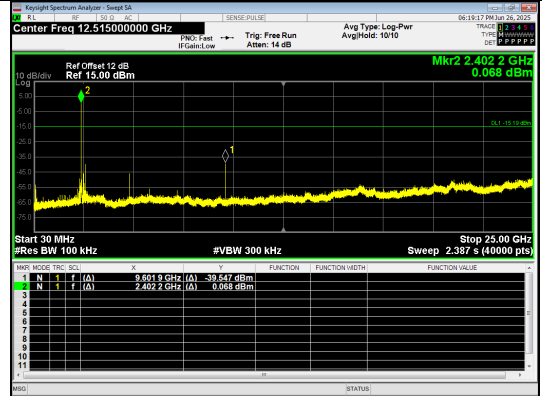
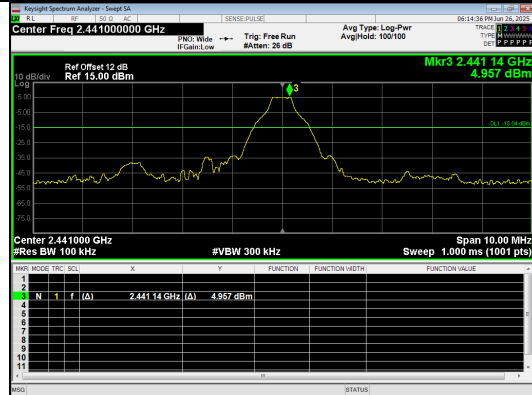
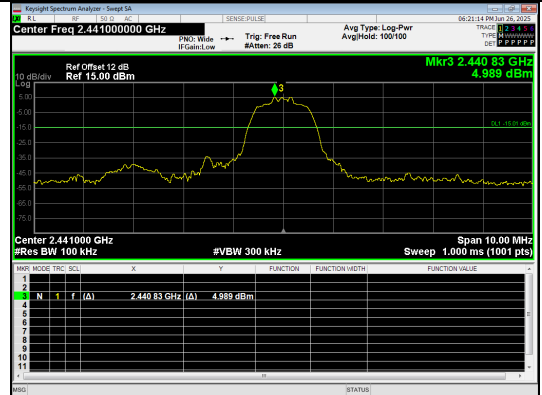
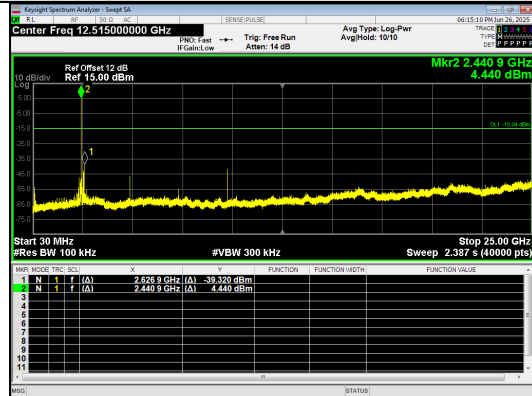
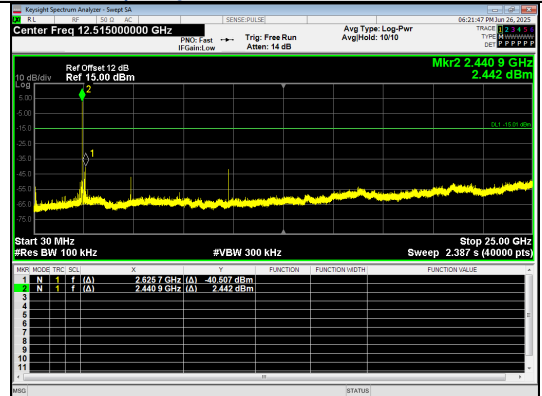
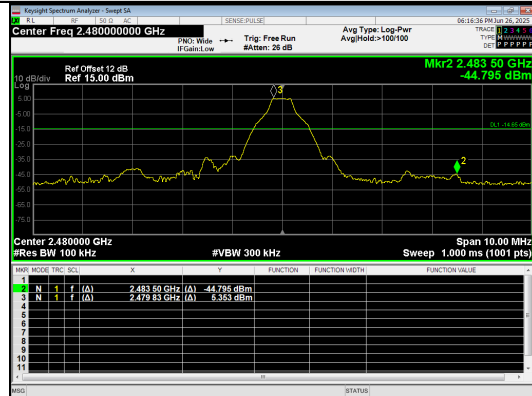
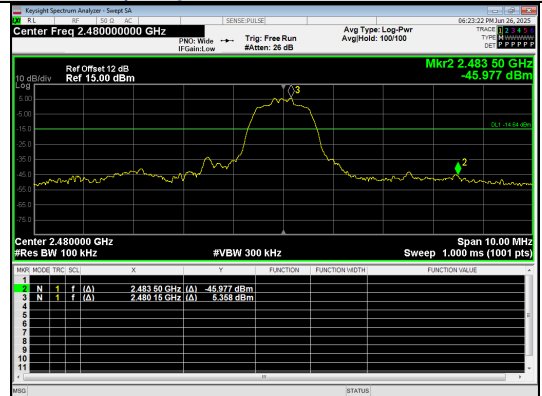
Test Graphs



Out Of Band Emission

Out Of Band Emission

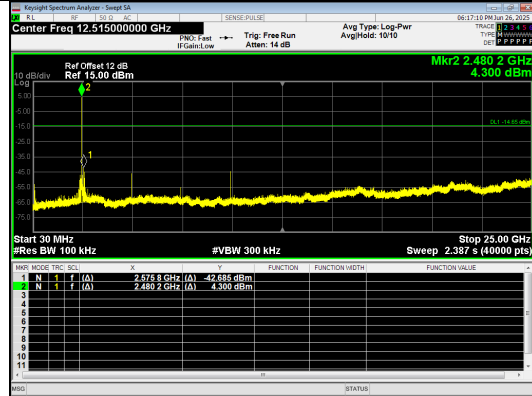
GFSK_DH5_Channel 0

 $\pi/4$ DQPSK_2-DH5_Channel 030.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 030.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 0Out Of Band Emission
GFSK_DH5_Channel 39Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 3930.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 3930.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39

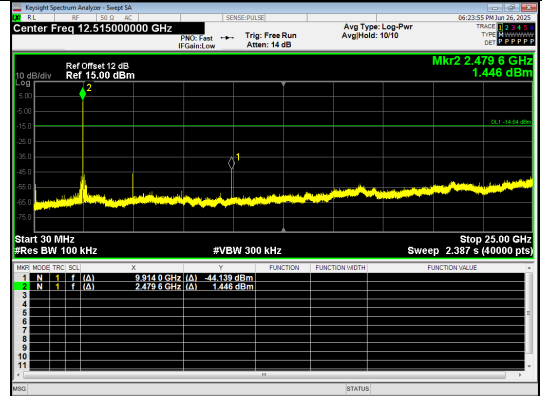
Out Of Band Emission

Out Of Band Emission

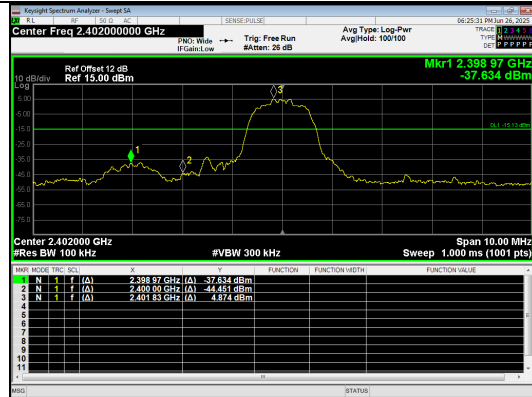
GFSK_DH5_Channel 78



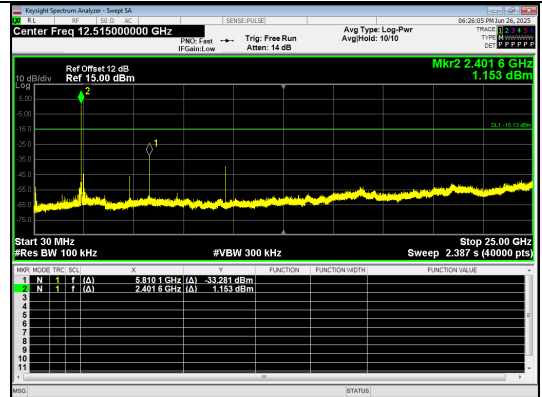
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78

 $\pi/4$ DQPSK_2-DH5_Channel 78

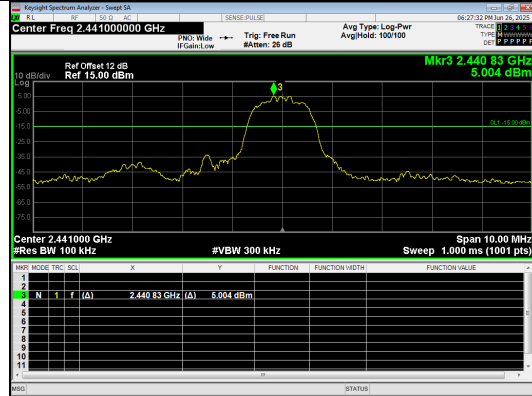
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78



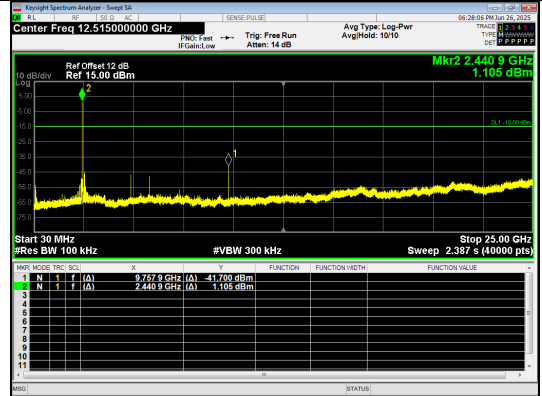
Out Of Band Emission
8DPSK_3-DH5_Channel 0



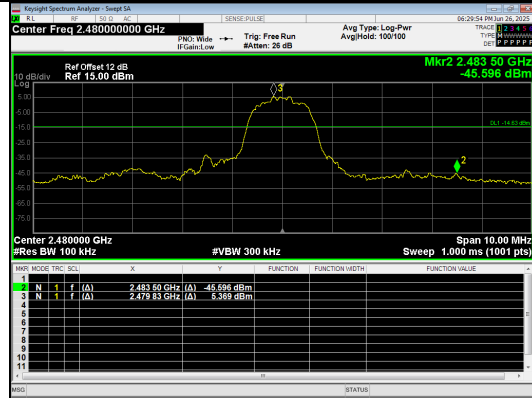
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



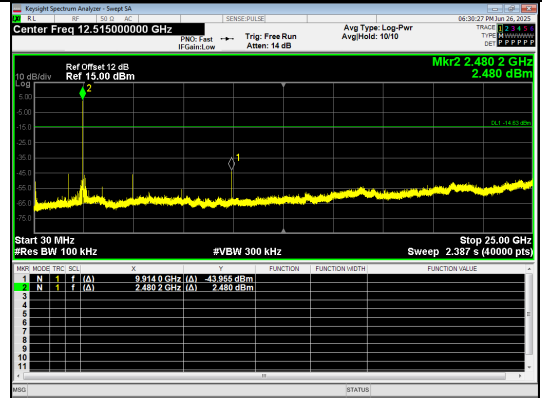
Out Of Band Emission
8DPSK_3-DH5_Channel 39



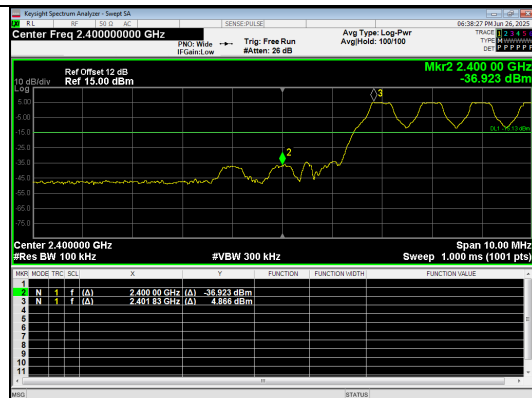
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39



Out Of Band Emission
8DPSK_3-DH5_Channel 78



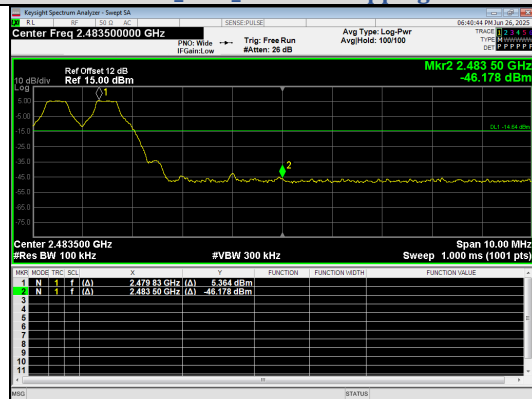
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78



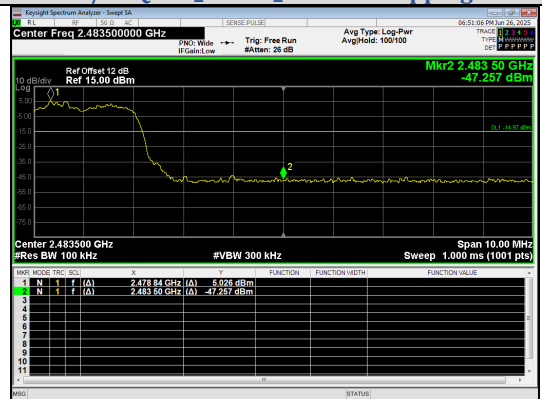
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



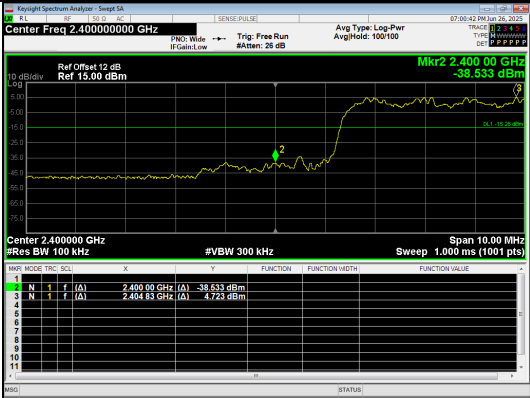
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



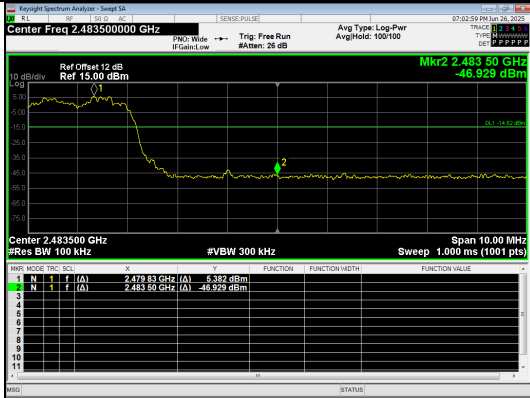
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



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

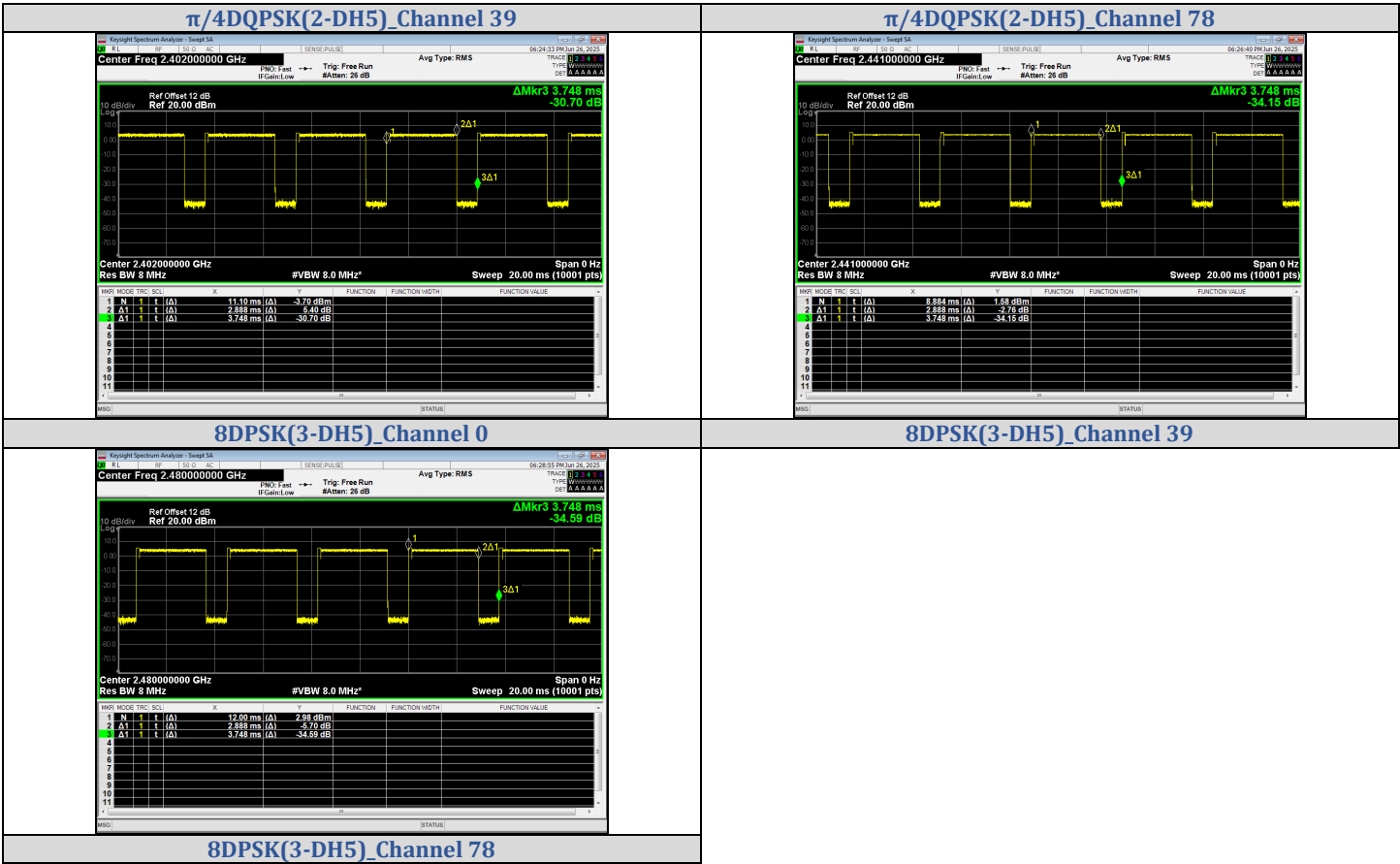
Duty Cycle

Test Result

Modulation	Packets	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
GFSK	DH5	0	2.880	3.748	76.84	0.7684	1.1441	0.3472
		39	2.880	3.748	76.84	0.7684	1.1441	0.3472
		78	2.880	3.748	76.84	0.7684	1.1441	0.3472
$\pi/4$ DQPSK	2-DH5	0	2.886	3.748	77.00	0.7700	1.1351	0.3465
		39	2.886	3.748	77.00	0.7700	1.1351	0.3465
		78	2.884	3.748	76.95	0.7695	1.1379	0.3467
8DPSK	3-DH5	0	2.888	3.748	77.05	0.7705	1.1323	0.3463
		39	2.888	3.748	77.05	0.7705	1.1323	0.3463
		78	2.888	3.748	77.05	0.7705	1.1323	0.3463

Test Graphs



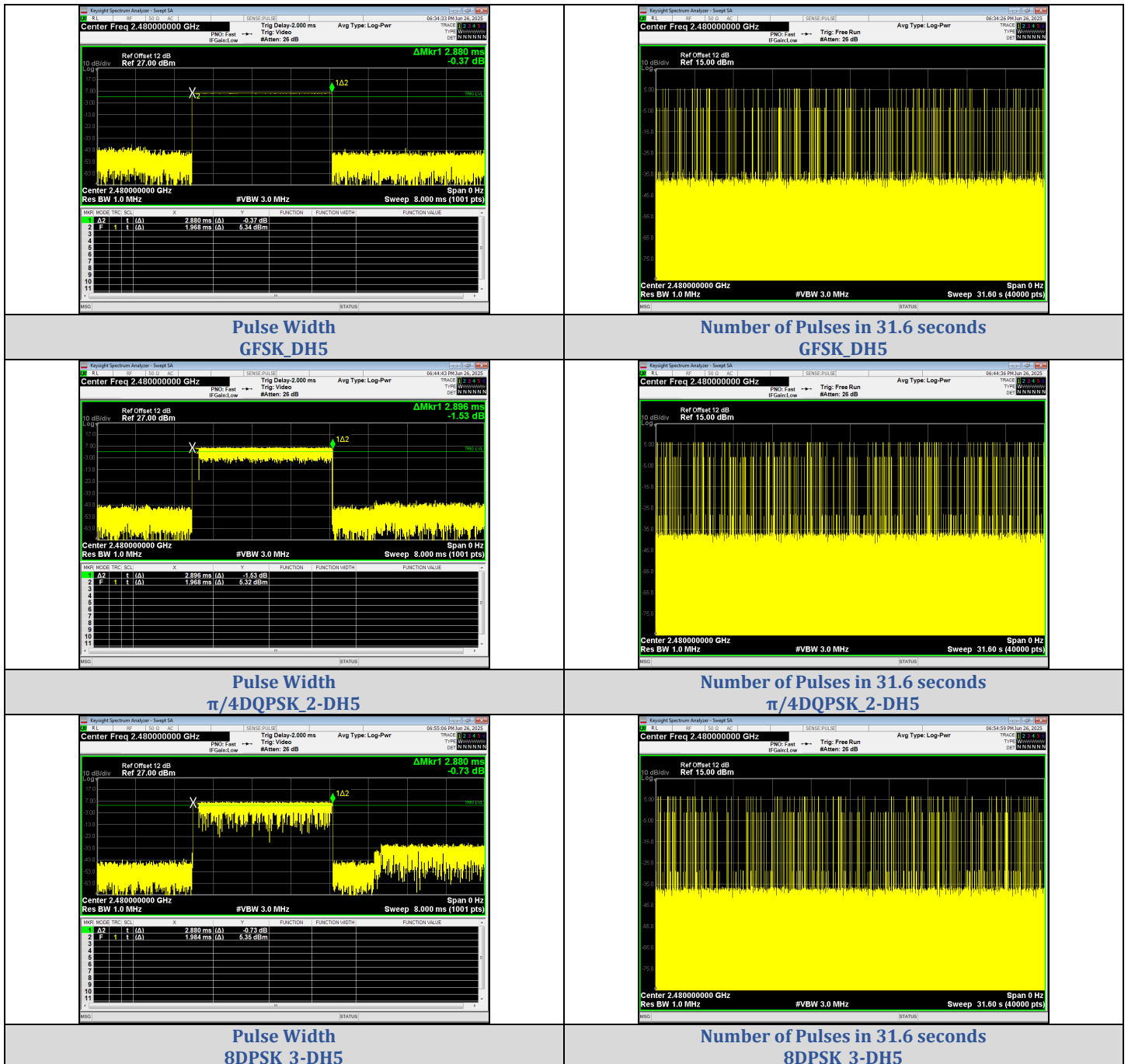


Dwell Time

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	98	282.24	< 400	PASS
$\pi/4$ DQPSK	2-DH5		2.896	114	330.14		PASS
8DPSK	3-DH5		2.880	103	296.64		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

