

Appendix A

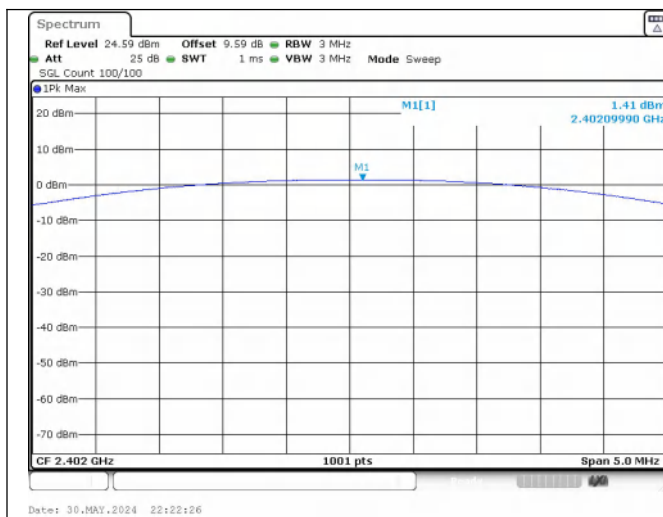
Report No.:	CISRR240525152
FCC ID:	2BGO5-LY7
Product Name:	Ear mounted sports earphones
Model No.:	LY7
Test Engineer:	Lucas Huang
Supervised by:	Rory Huang

Conducted Peak Output Power

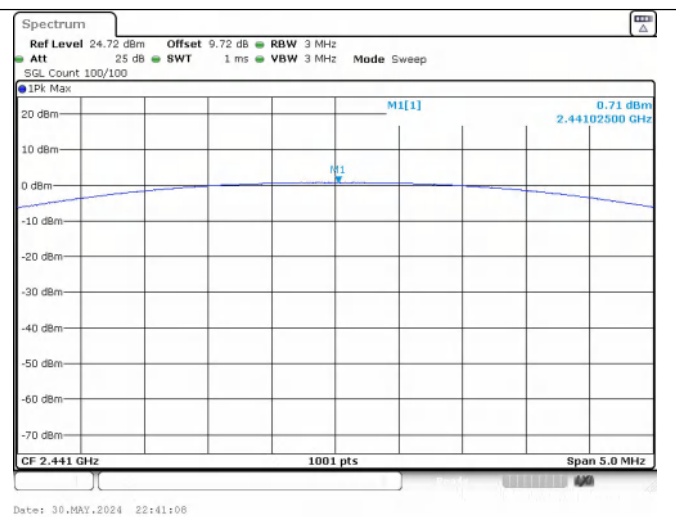
Test Result

Left

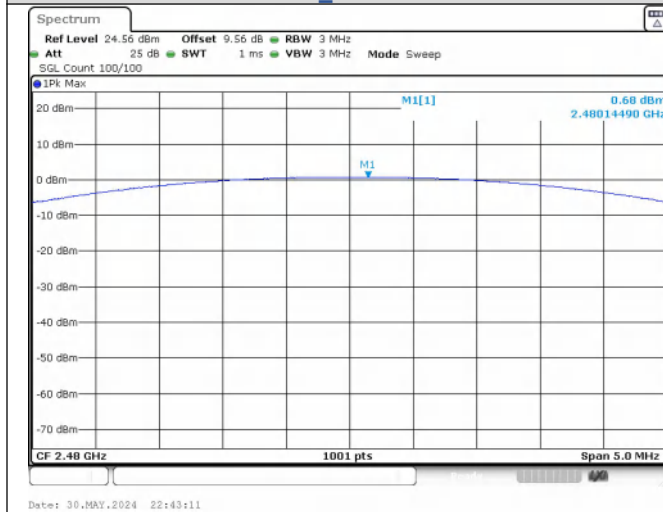
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
GFSK	DH5	0	1.41	1.38	30	PASS
		39	0.71	1.18		PASS
		78	0.68	1.17		PASS
$\pi/4$ DQPSK	2-DH5	0	1.80	1.51	20.97	PASS
		39	1.28	1.34		PASS
		78	1.25	1.33		PASS
8DPSK	3-DH5	0	1.85	1.53	20.97	PASS
		39	1.43	1.39		PASS
		78	1.42	1.39		PASS



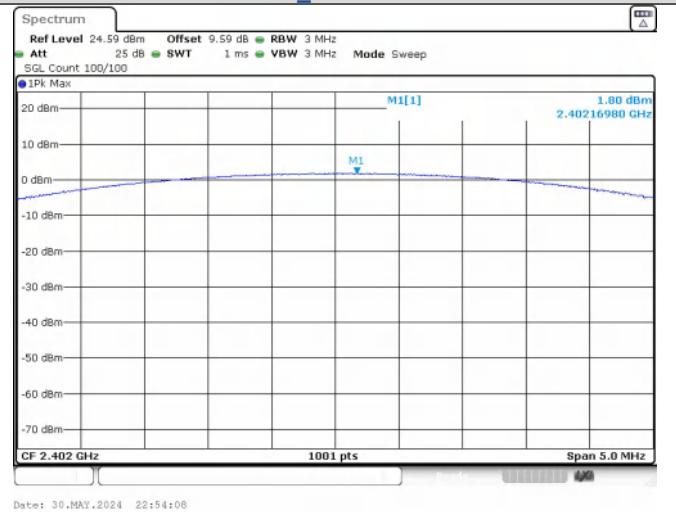
Peak Output Power
GFSK_Channel 0



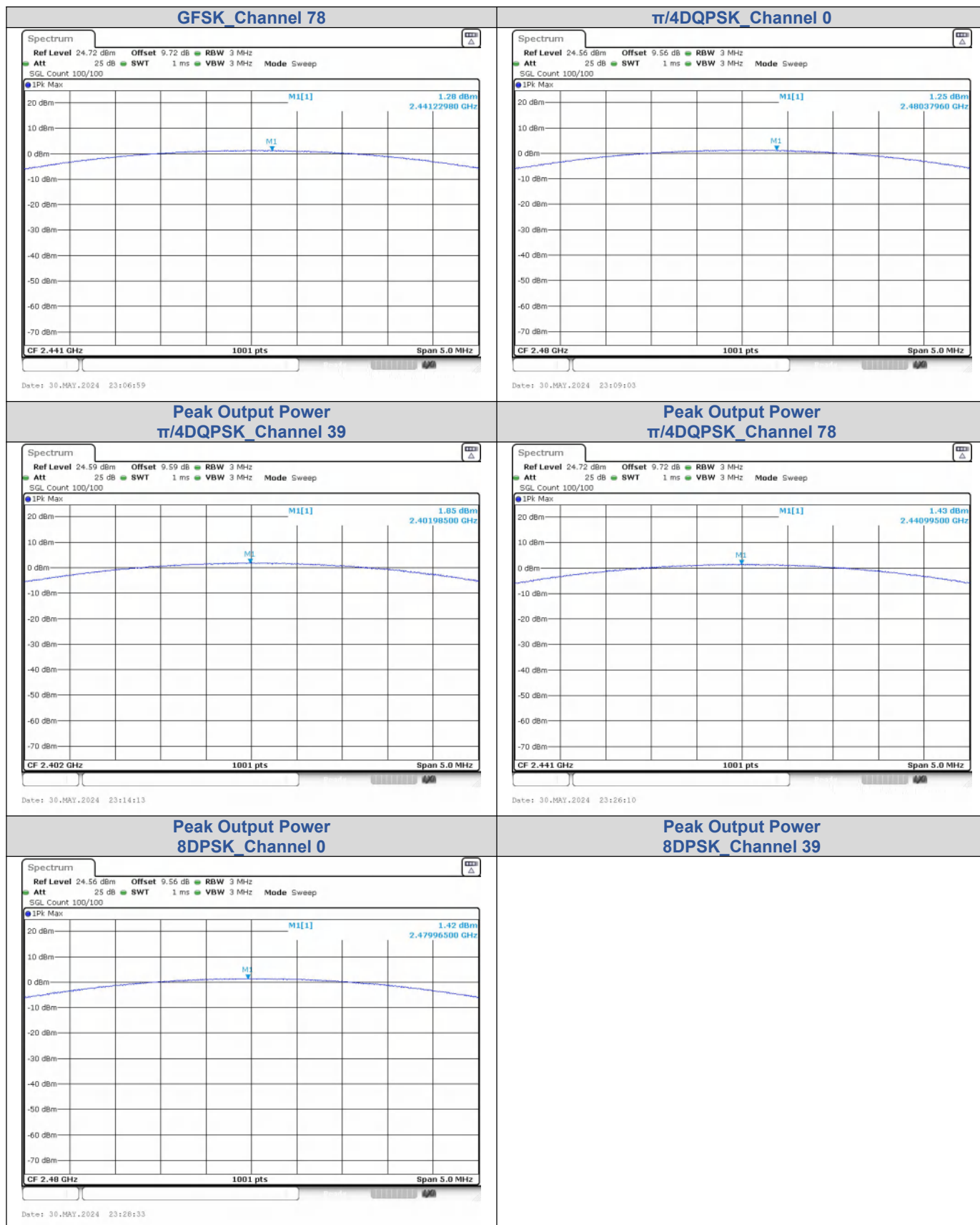
Peak Output Power
GFSK_Channel 39



Peak Output Power



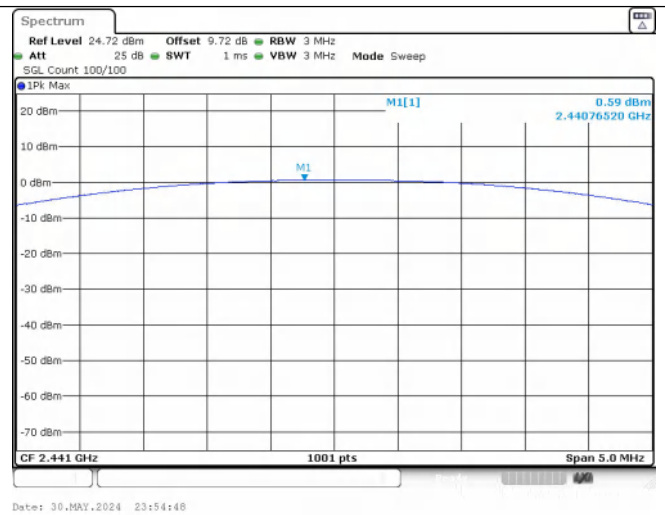
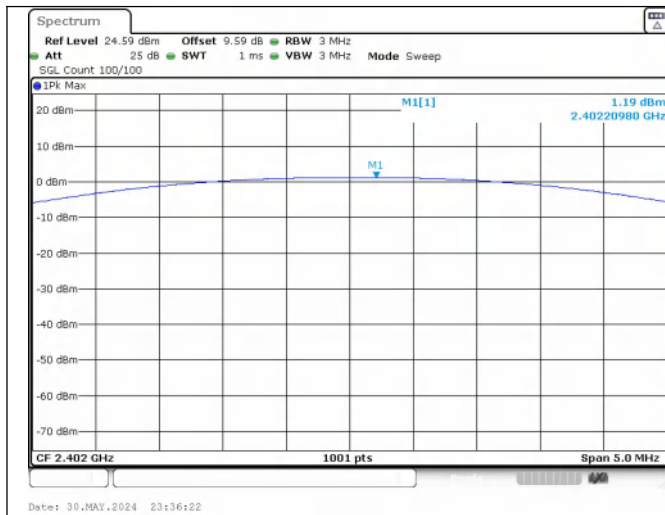
Peak Output Power



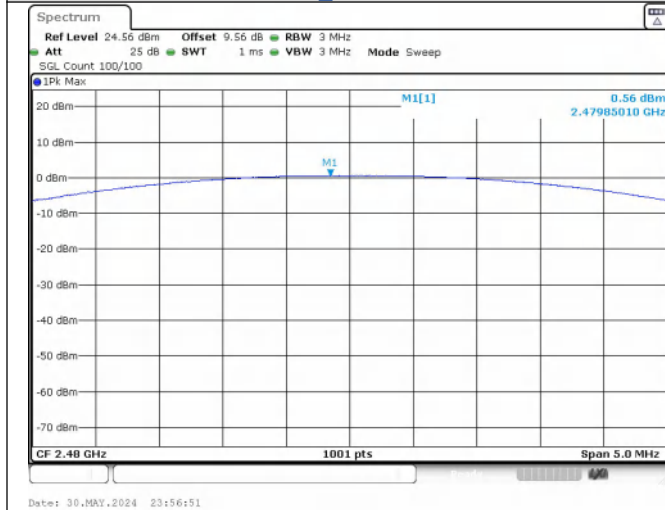
**Peak Output Power
8DPSK_Channel 78**

Right

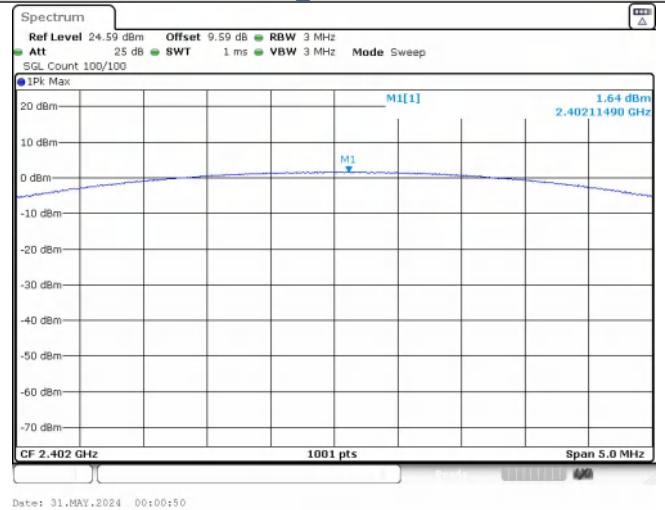
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
GFSK	DH5	0	1.19	1.32	30	PASS
		39	0.59	1.15		PASS
		78	0.56	1.14		PASS
$\pi/4$ DQPSK	2-DH5	0	1.64	1.46	20.97	PASS
		39	1.03	1.27		PASS
		78	1.08	1.28		PASS
8DPSK	3-DH5	0	1.64	1.46	20.97	PASS
		39	1.20	1.32		PASS
		78	1.30	1.35		PASS



**Peak Output Power
GFSK_Channel 0**

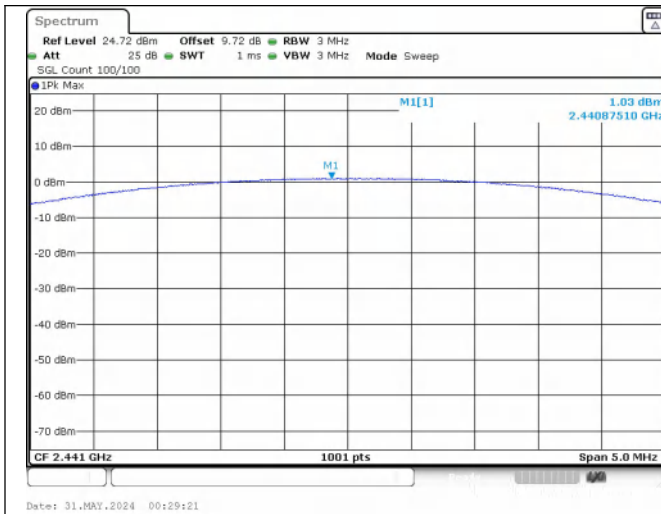


**Peak Output Power
GFSK_Channel 39**

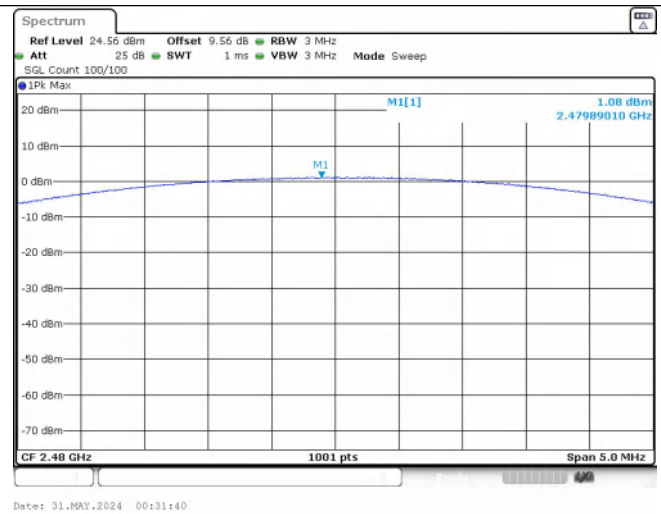


**Peak Output Power
GFSK_Channel 78**

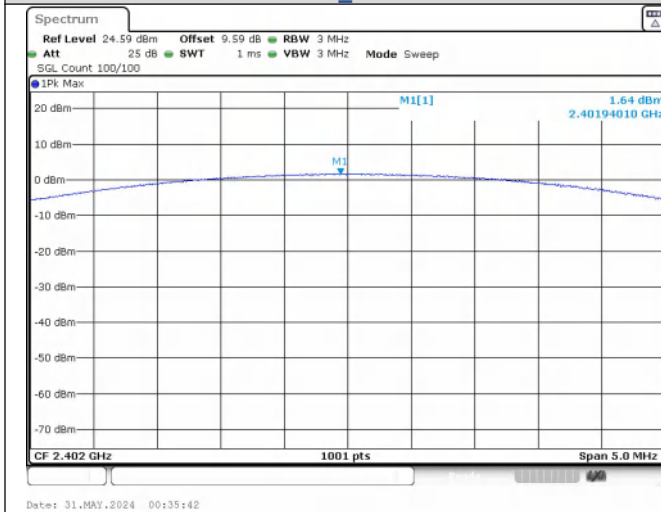
**Peak Output Power
 $\pi/4$ DQPSK_Channel 0**



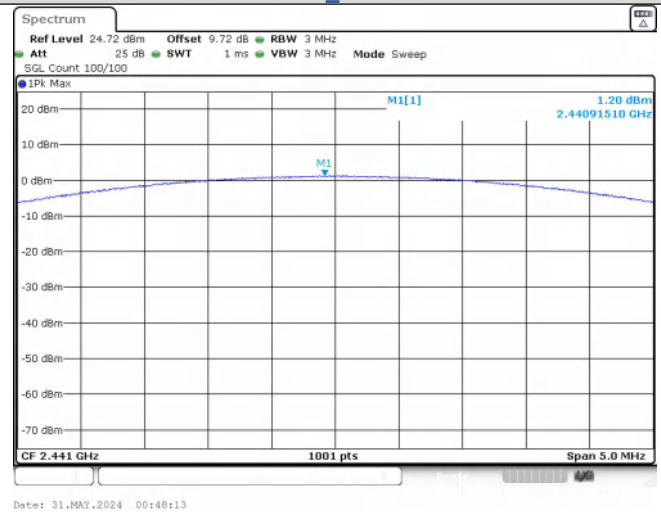
**Peak Output Power
 $\pi/4$ DQPSK_Channel 39**



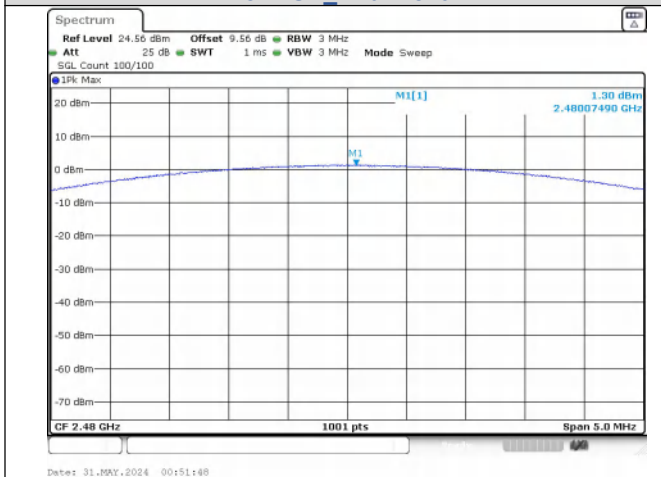
**Peak Output Power
 $\pi/4$ DQPSK_Channel 78**



**Peak Output Power
8DPSK_Channel 0**



**Peak Output Power
8DPSK_Channel 39**



**Peak Output Power
8DPSK_Channel 78**

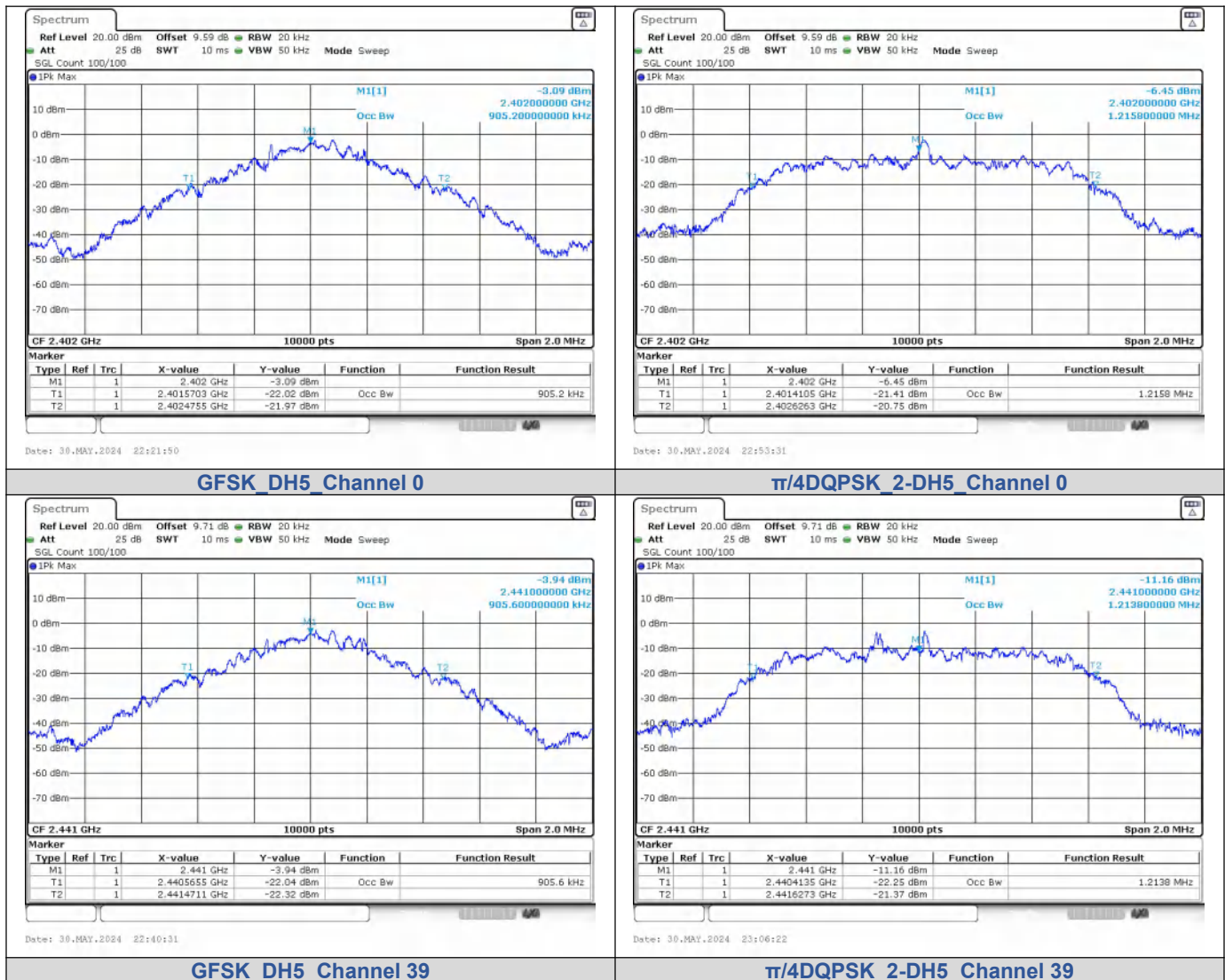
99% Bandwidth

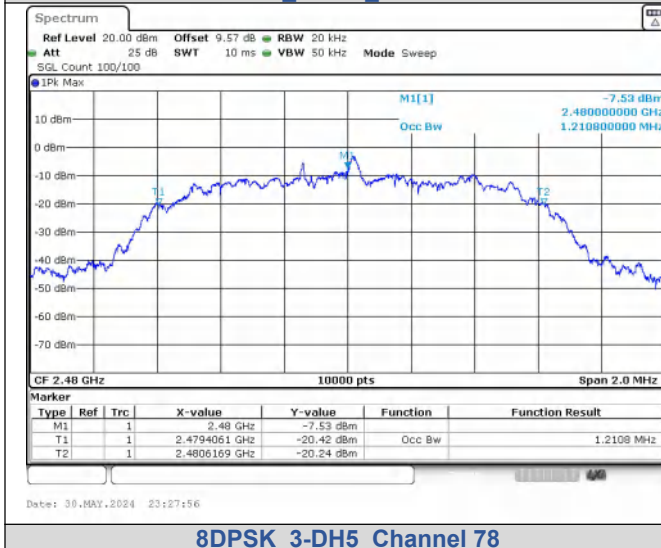
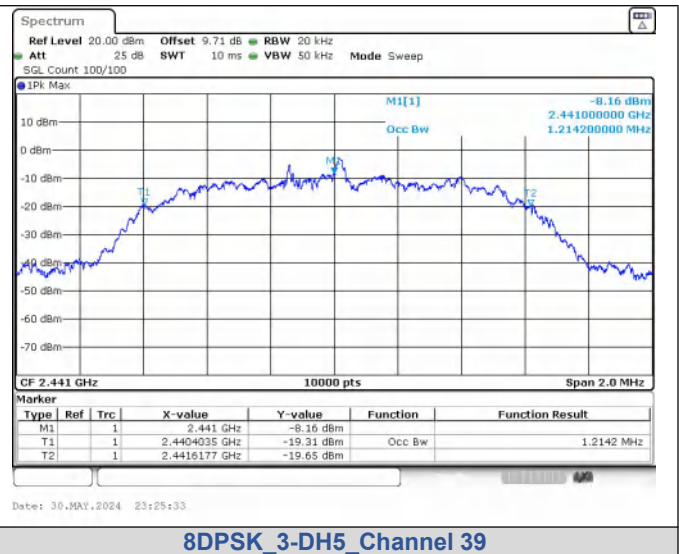
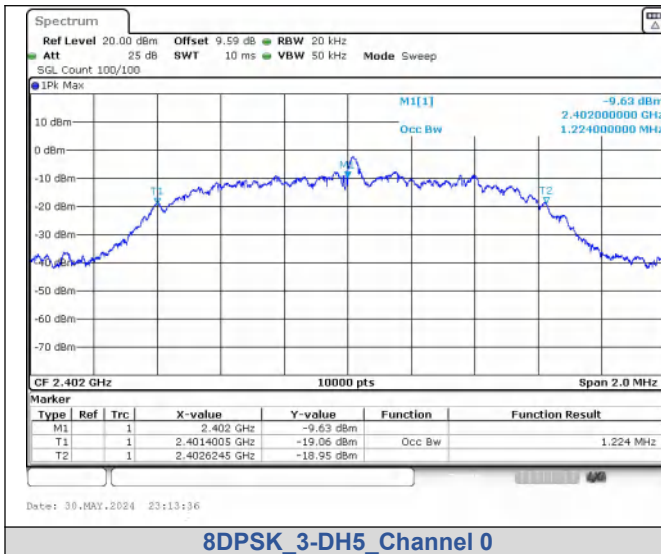
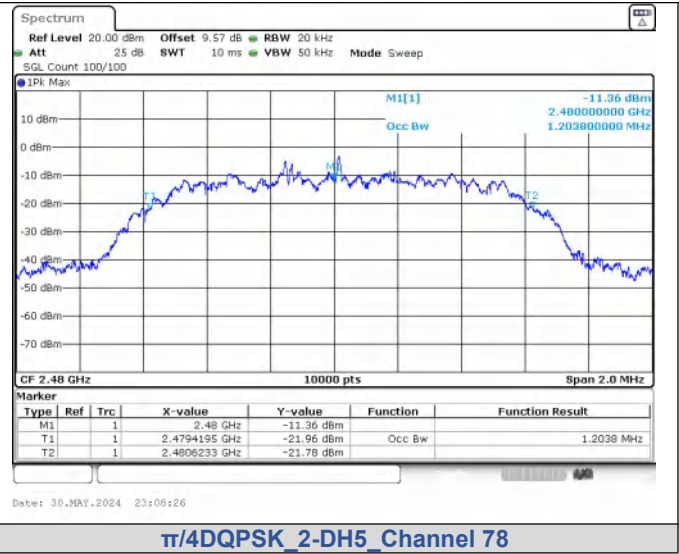
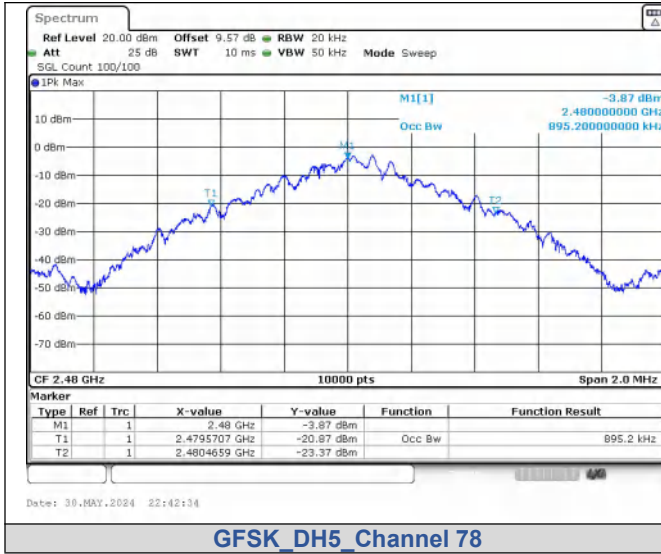
Test Result

Left

Modulation	Channel	99% BW (MHz)
GFSK	0	0.9052
	39	0.9056
	78	0.8952
$\pi/4$ DQPSK	0	1.2158
	39	1.2138
	78	1.2038
8DPSK	0	1.2240
	39	1.2142
	78	1.2108

Test Graphs



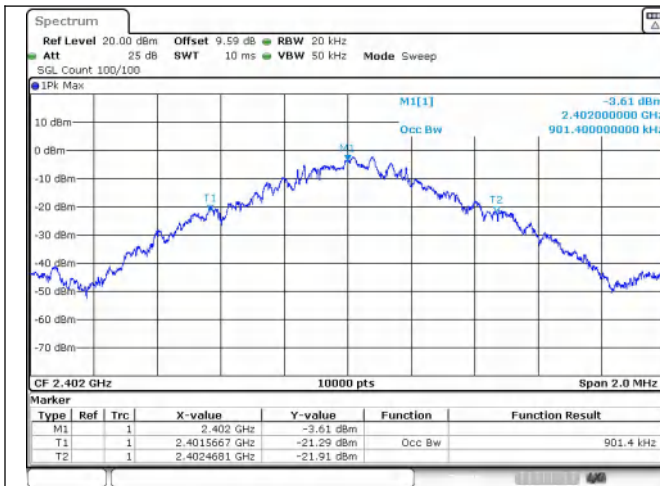


Right

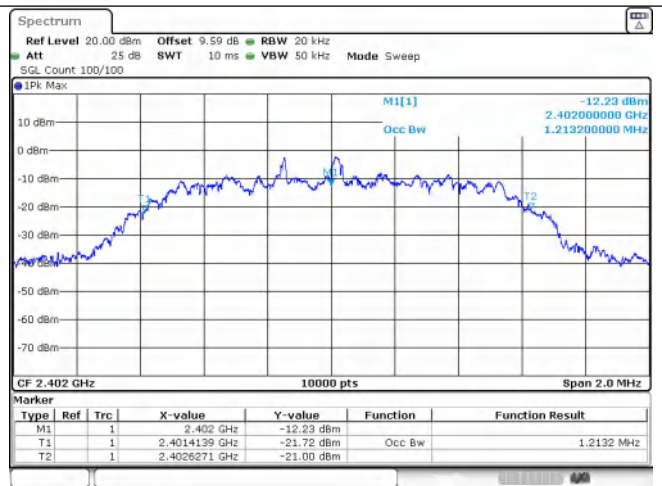
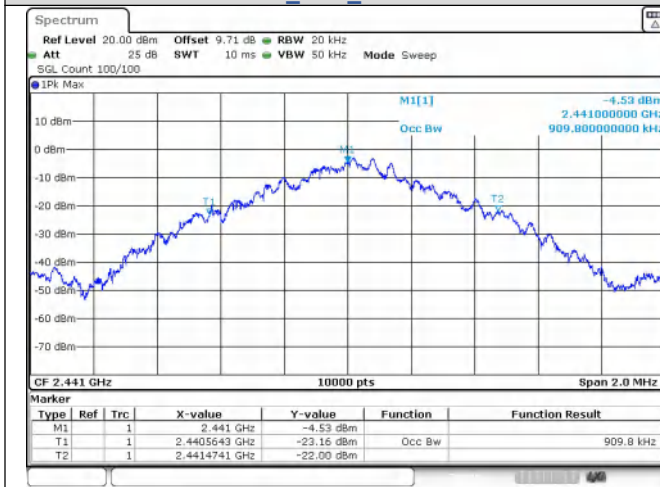
Test Result

Modulation	Channel	99% BW (MHz)
GFSK	0	0.9014
	39	0.9098
	78	0.8914
$\pi/4$ DQPSK	0	1.2132
	39	1.2022
	78	1.1954
8DPSK	0	1.2268
	39	1.2148
	78	1.2090

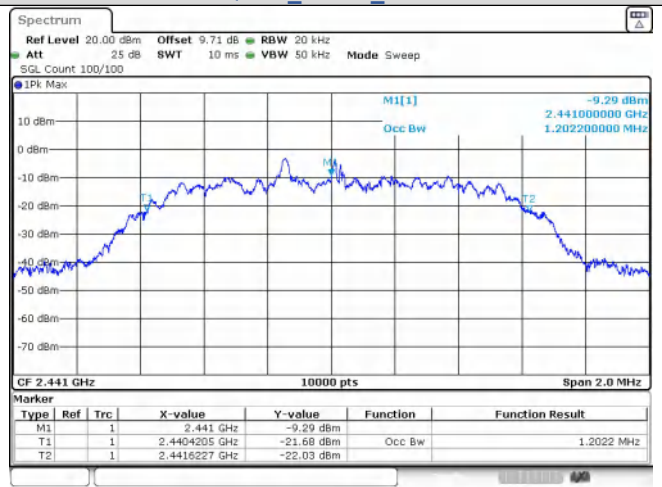
Test Graphs

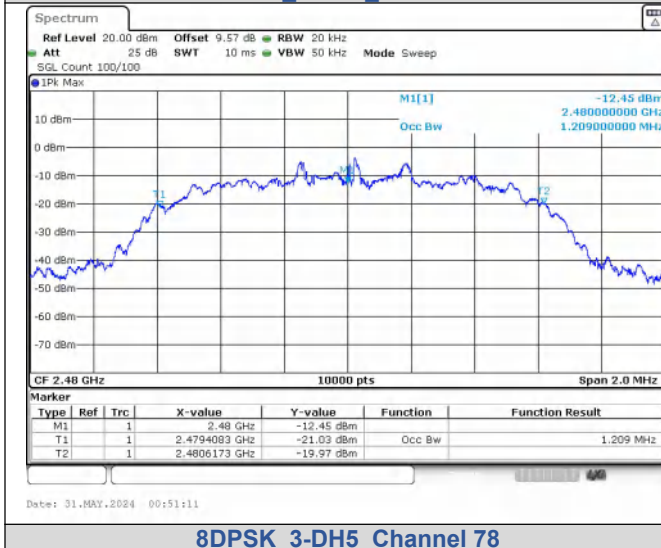
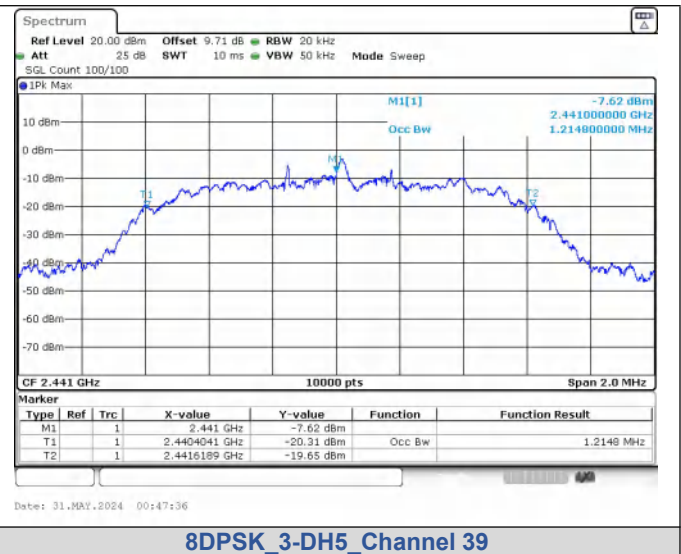
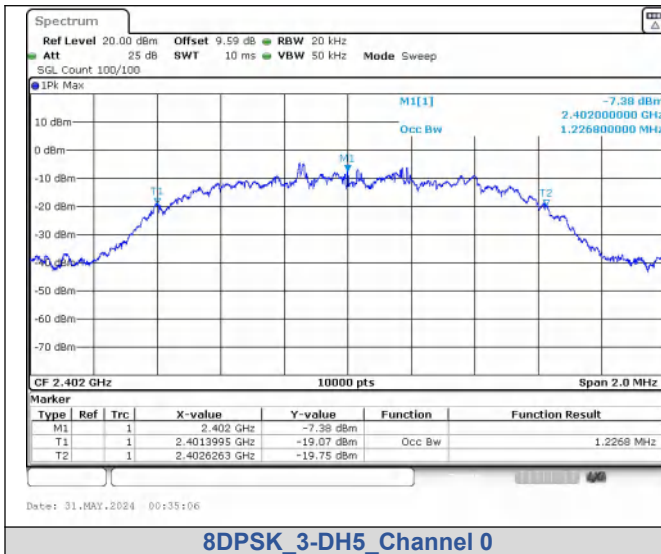
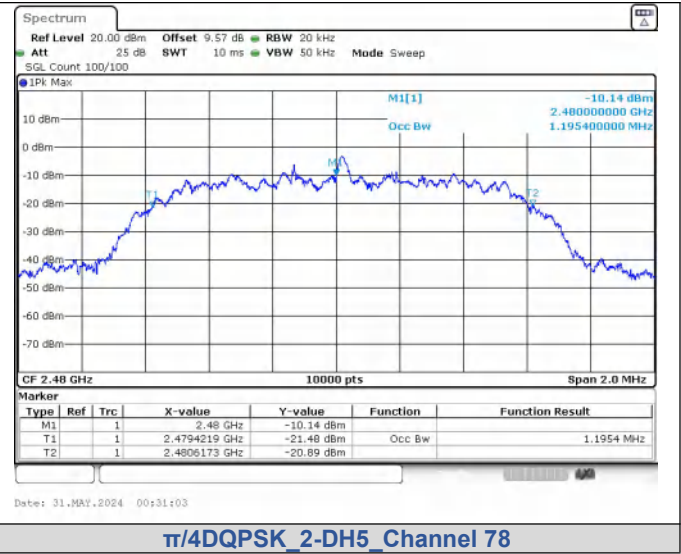
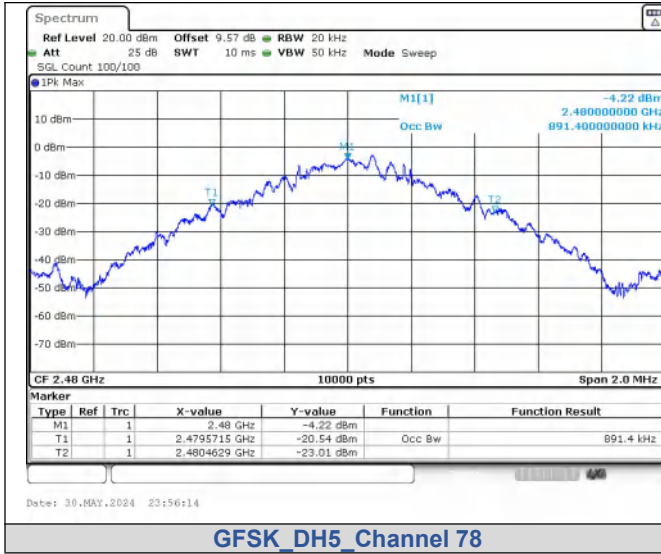


GFSK_DH5_Channel 0


 $\pi/4$ DQPSK_2-DH5_Channel 0


GFSK_DH5_Channel 39


 $\pi/4$ DQPSK_2-DH5_Channel 39



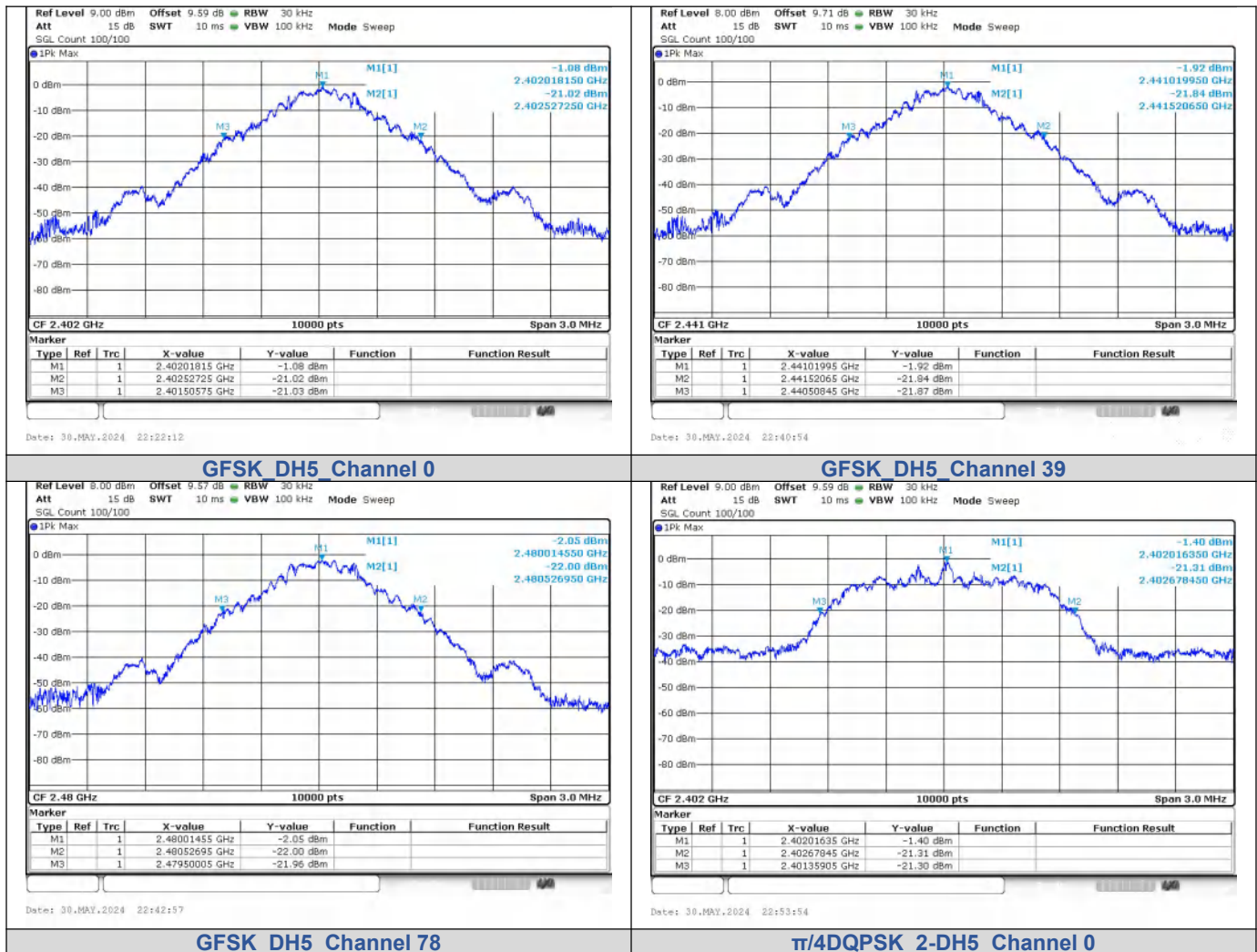
20dB Bandwidth

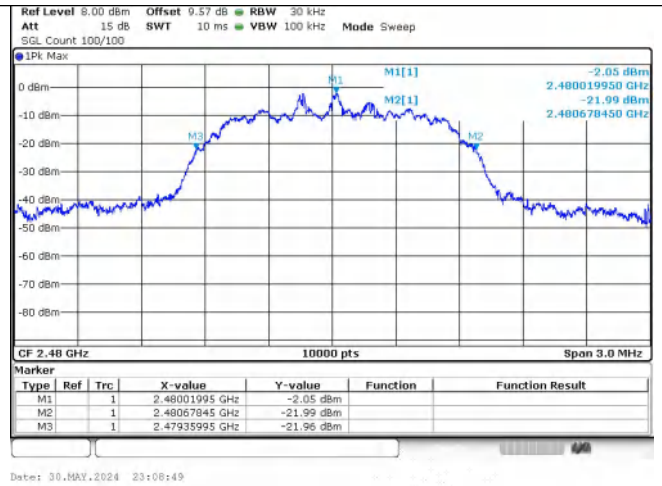
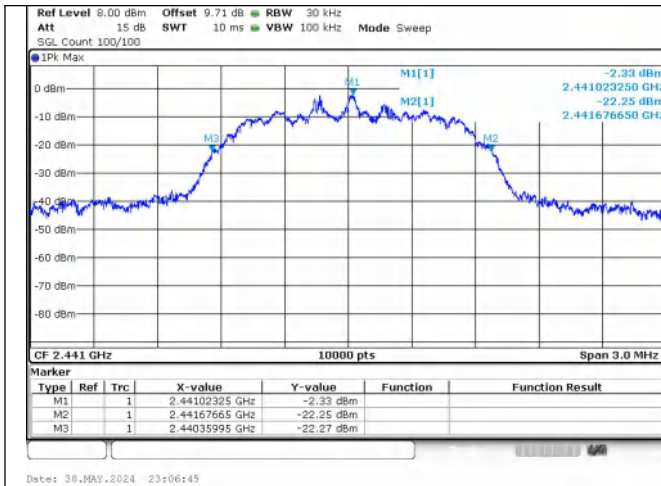
Test Result

Left

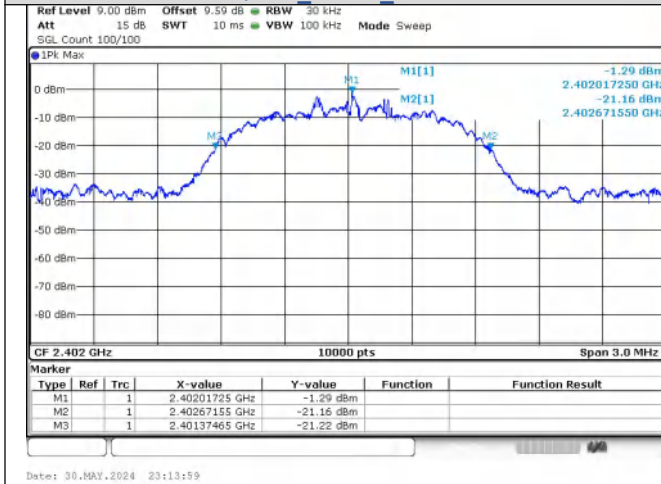
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	1.020
	39	2441 MHz	1.010
	78	2480 MHz	1.030
$\pi/4$ DQPSK	0	2402 MHz	1.320
	39	2441 MHz	1.320
	78	2480 MHz	1.320
8DPSK	0	2402 MHz	1.300
	39	2441 MHz	1.300
	78	2480 MHz	1.290

Test Graphs

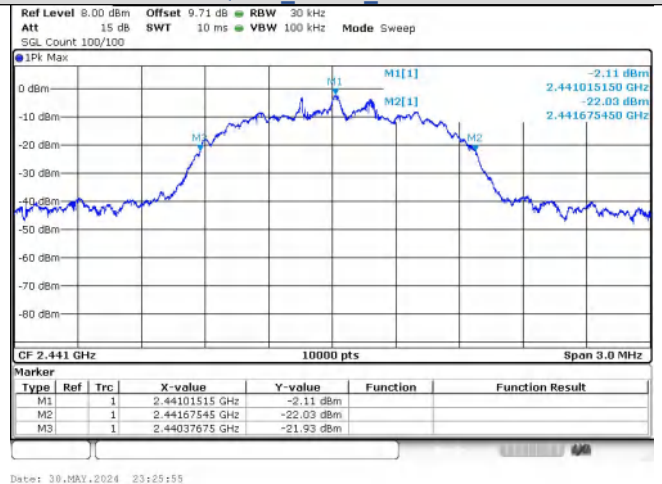




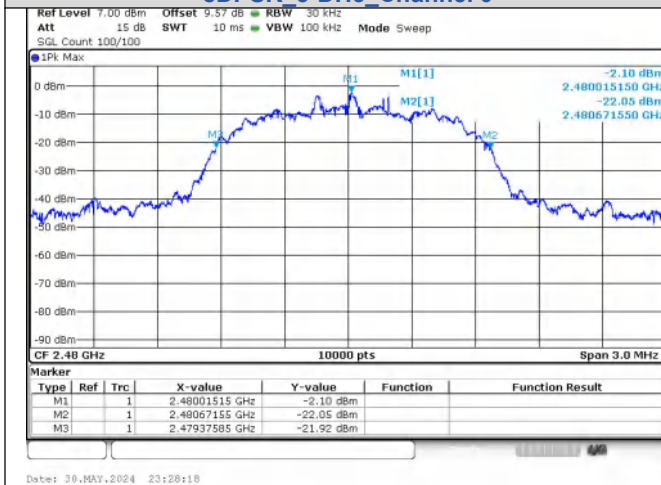
$\pi/4$ DQPSK 2-DH5 Channel 39



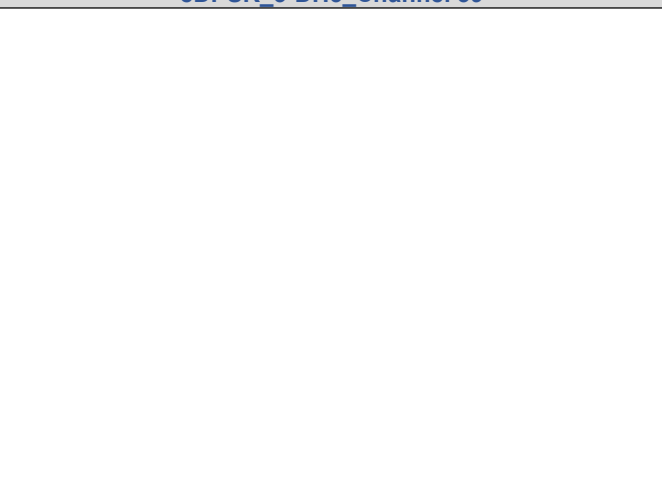
$\pi/4$ DQPSK 2-DH5 Channel 78



8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



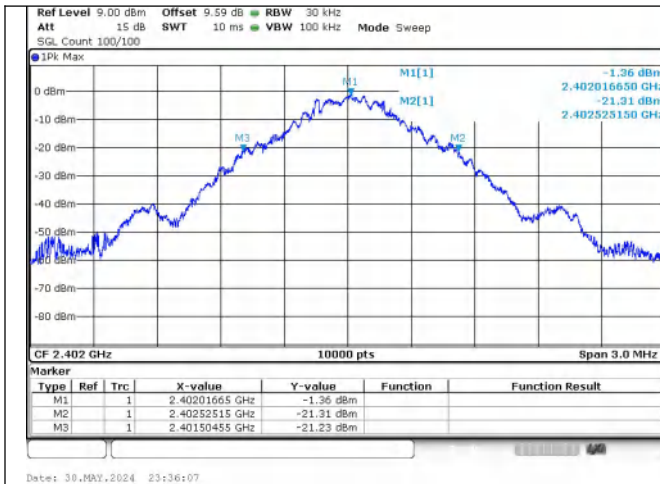
8DPSK 3-DH5 Channel 78

Right

Test Result

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	1.030
	39	2441 MHz	1.030
	78	2480 MHz	1.030
$\pi/4$ DQPSK	0	2402 MHz	1.320
	39	2441 MHz	1.320
	78	2480 MHz	1.310
8DPSK	0	2402 MHz	1.310
	39	2441 MHz	1.290
	78	2480 MHz	1.290

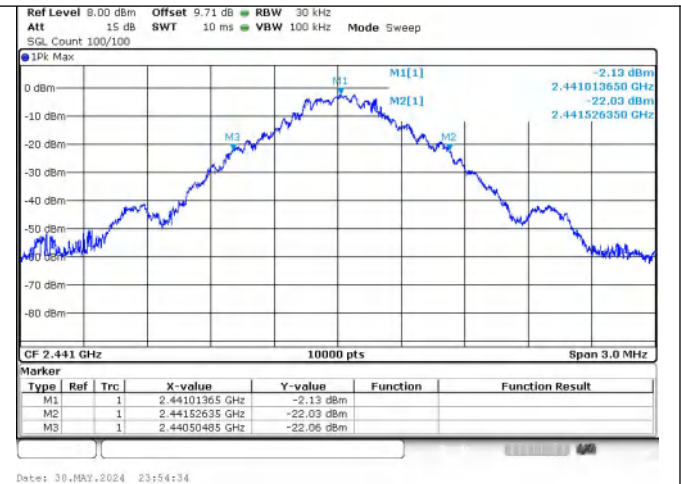
Test Graphs



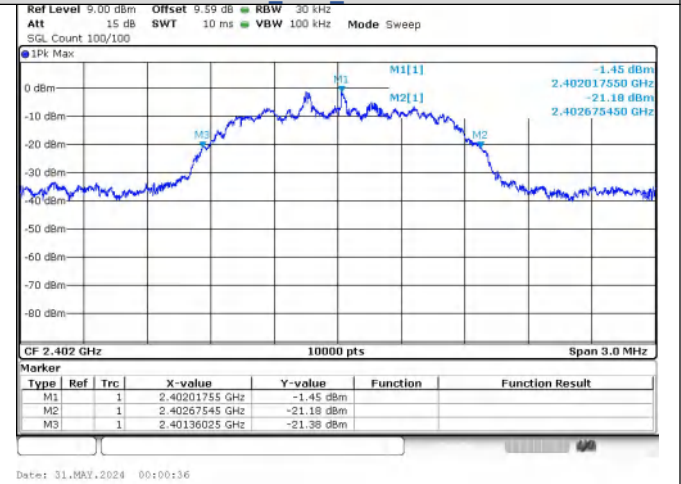
GFSK_DH5_Channel 0



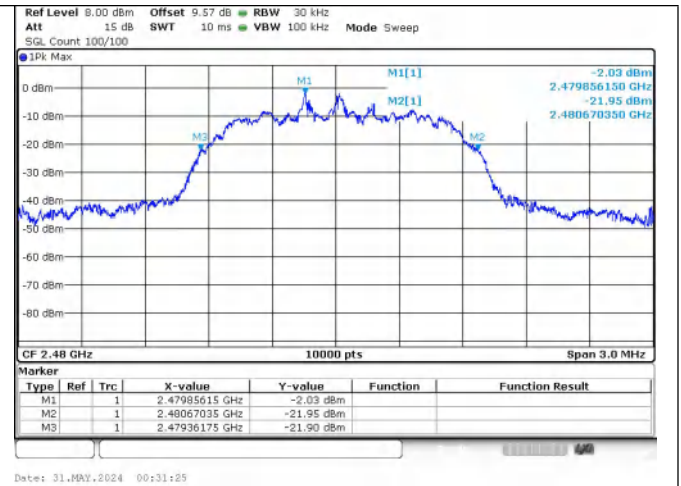
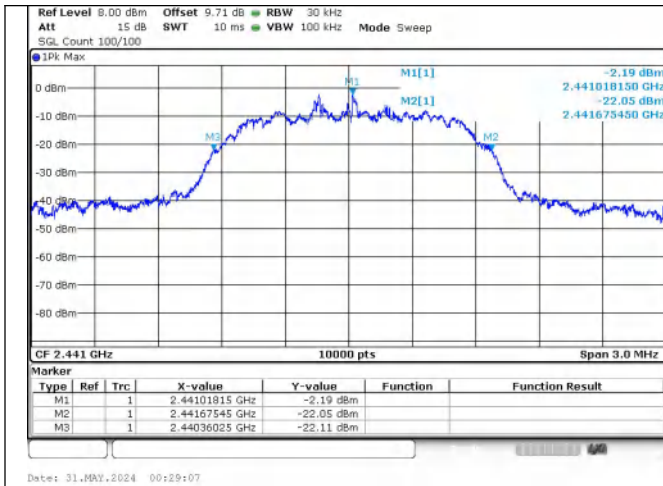
GFSK_DH5_Channel 78



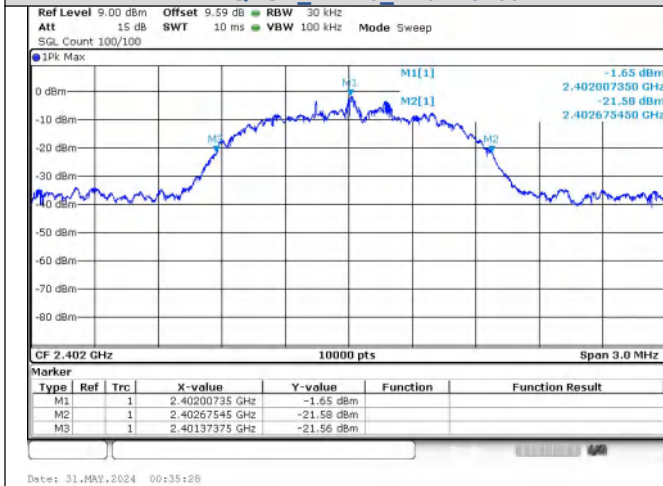
GFSK_DH5_Channel 39



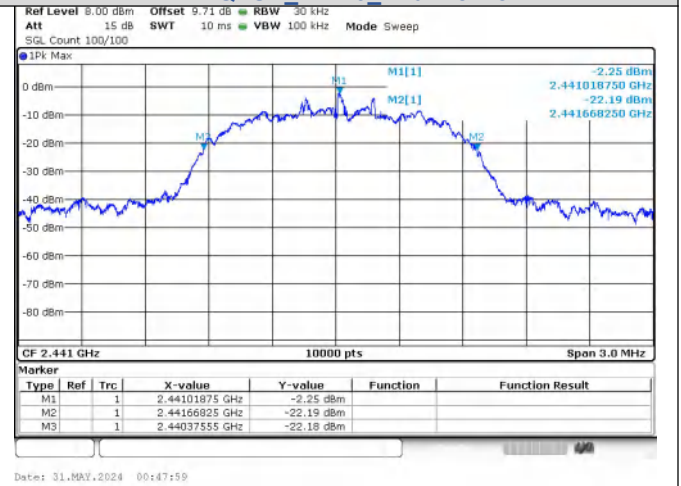
$\pi/4$ DQPSK_2-DH5_Channel 0



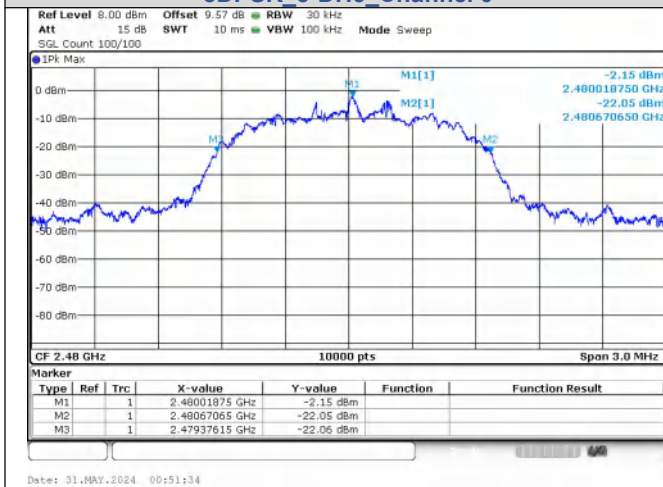
$\pi/4$ DQPSK 2-DH5_Channel 39



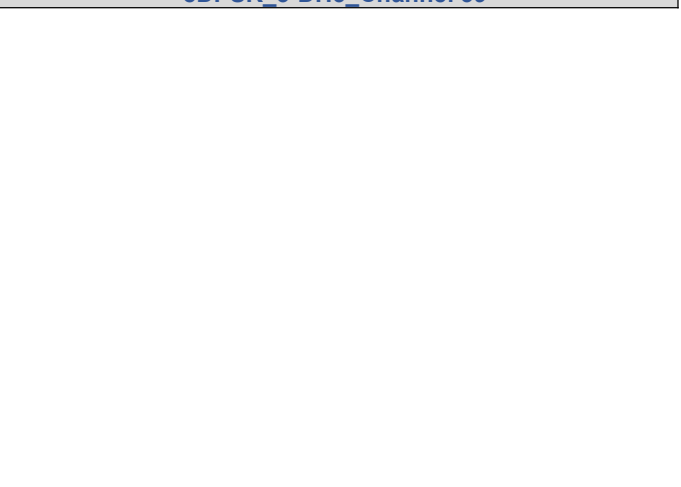
$\pi/4$ DQPSK 2-DH5_Channel 78



8DPSK 3-DH5_Channel 0



8DPSK 3-DH5_Channel 39



8DPSK 3-DH5_Channel 78

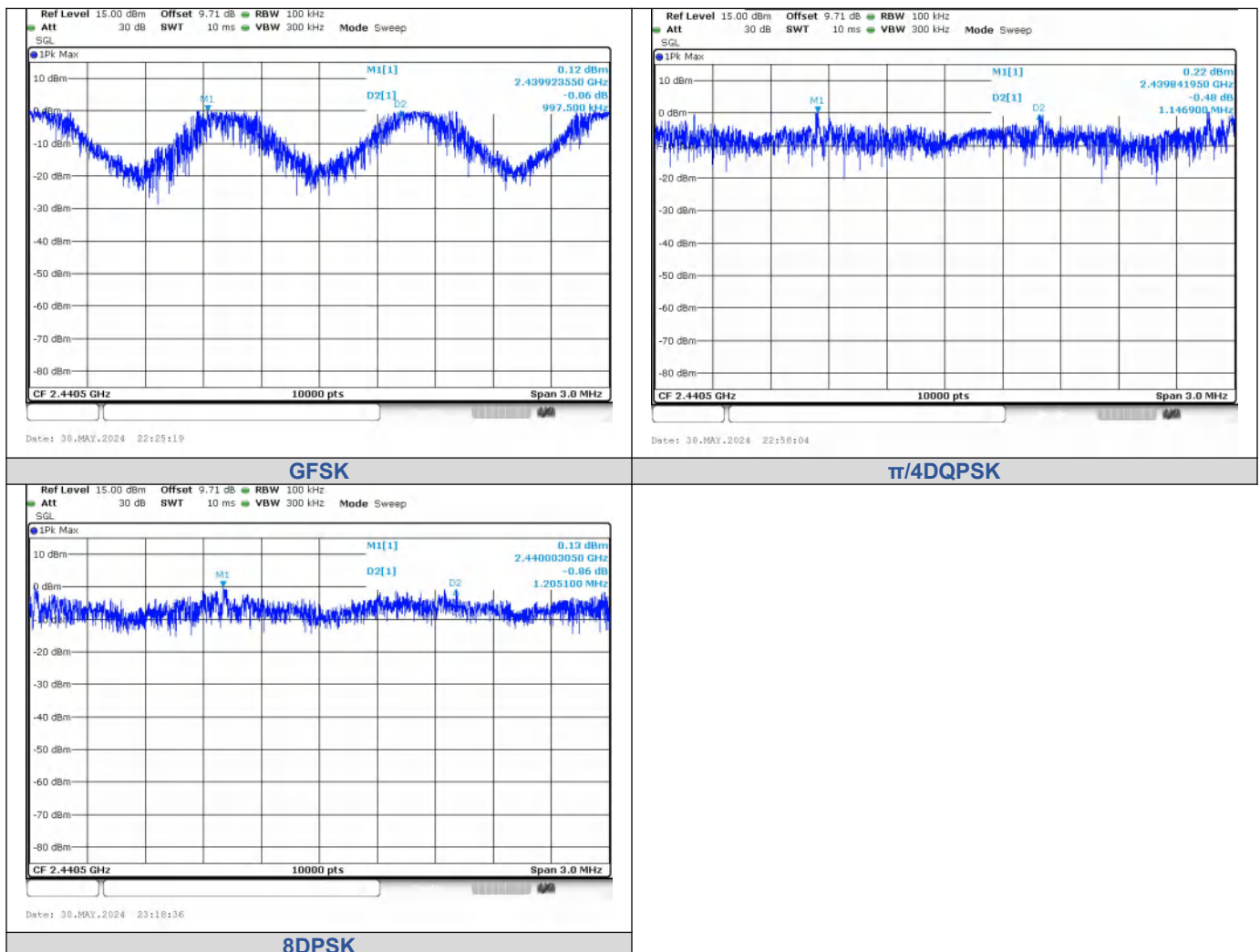
Carrier Frequencies Separation

Test Result

Left

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.9235	2440.921	0.9975	0.68	PASS
$\pi/4$ DQPSK	2-DH5	2439.8419	2440.9889	1.1469	0.88	PASS
8DPSK	3-DH5	2440.003	2441.2081	1.2051	0.867	PASS

Test Graphs

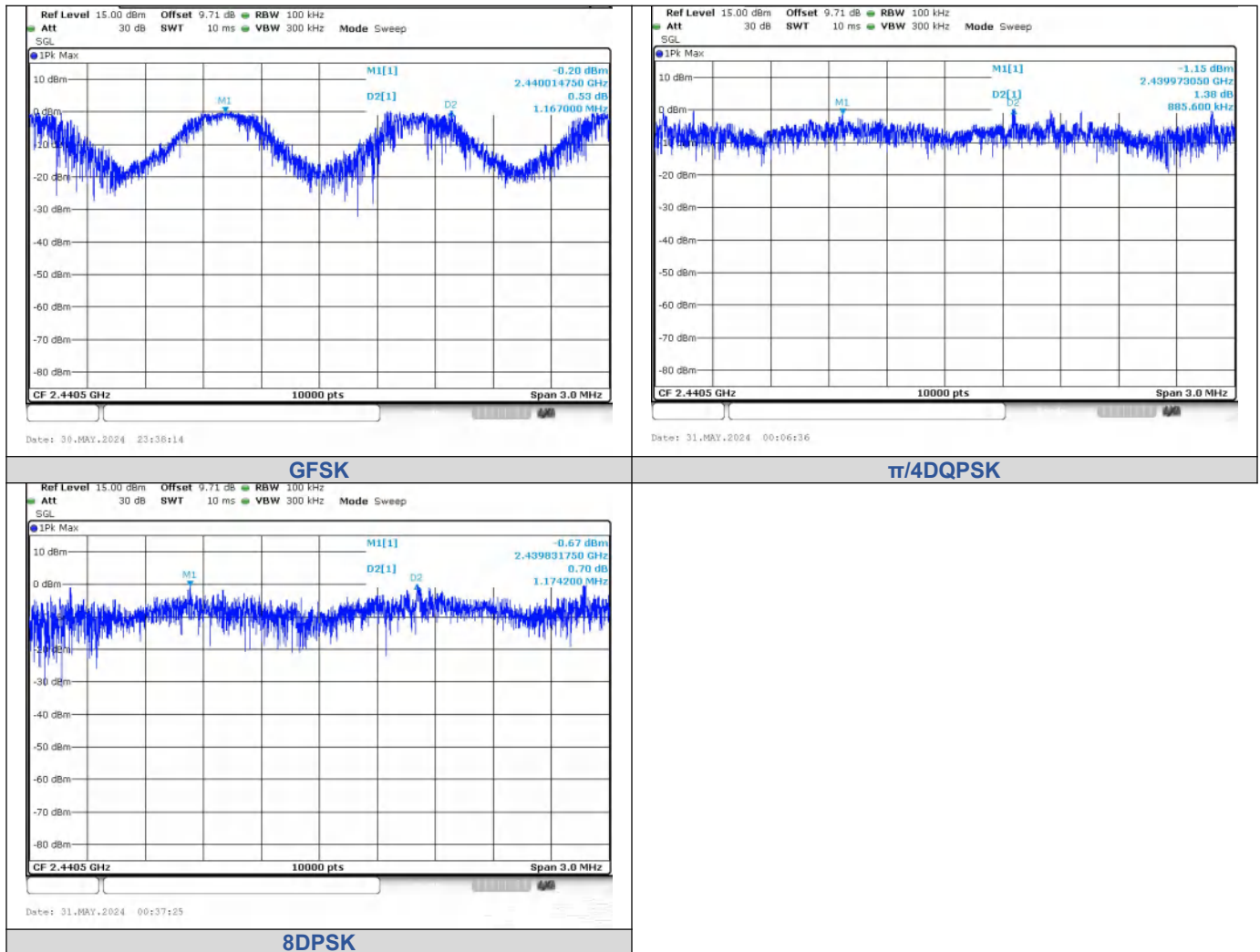


Right

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.0147	2441.1818	1.1670	0.687	PASS
$\pi/4$ DQPSK	2-DH5	2439.9731	2440.8587	0.8856	0.88	PASS
8DPSK	3-DH5	2439.8317	2441.006	1.1742	0.873	PASS

Test Graphs



Conducted Out Of Band Emission

Test Result

Left

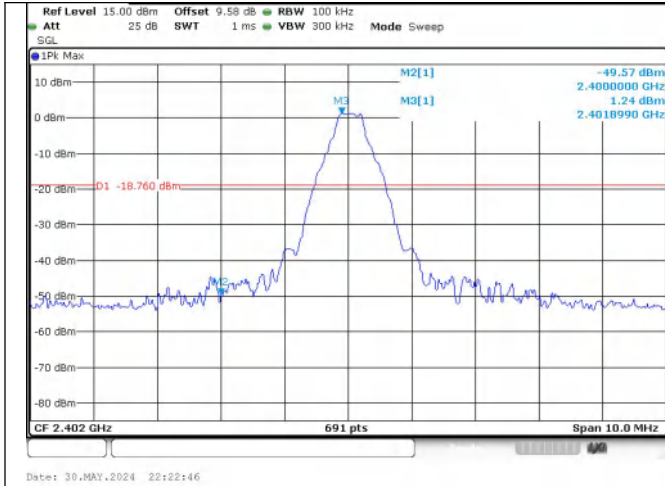
Non-Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-49.571	-18.76	-30.811	PASS
			7205.96	-42.071	-18.76	-23.311	PASS
		39	9763.72	-43.084	-19.56	-23.524	PASS
		78	2483.50	-52.346	-19.5	-32.846	PASS
			9920.20	-40.630	-19.5	-21.130	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-48.470	-18.93	-29.540	PASS
			7205.96	-42.062	-18.93	-23.132	PASS
		39	9763.72	-41.638	-19.51	-22.128	PASS
		78	2483.50	-51.962	-19.56	-32.402	PASS
			9920.20	-40.817	-19.56	-21.257	PASS
8DPSK	3-DH5	0	2400.00	-48.520	-19.19	-29.330	PASS
			1958.93	-43.530	-19.19	-24.340	PASS
		39	9763.72	-41.735	-19.63	-22.105	PASS
		78	2483.50	-52.664	-19.65	-33.014	PASS
			9920.20	-40.176	-19.65	-20.526	PASS

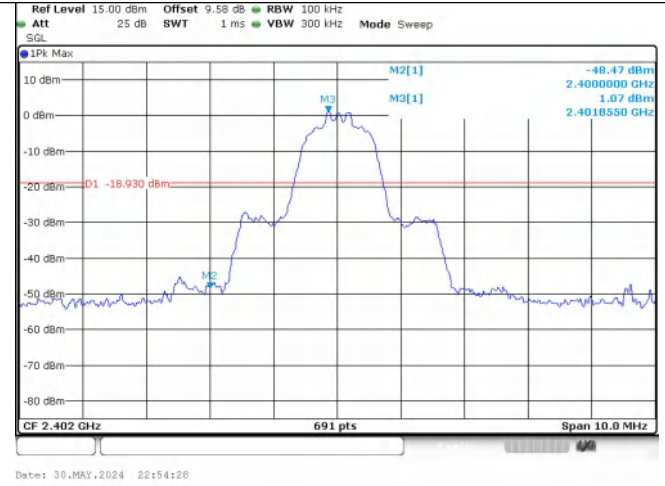
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.56	-49.384	-18.65	-30.734	PASS
			2400.00	-51.067	-18.65	-32.417	PASS
			2483.50	-49.941	-19.56	-30.381	PASS
			2398.44	-49.562	-18.64	-30.922	PASS
			2400.00	-51.122	-18.64	-32.482	PASS
			2483.50	-51.589	-19.55	-32.039	PASS
π/4DQPSK	2-DH5		2395.48	-50.126	-19.16	-30.966	PASS
			2400.00	-50.933	-19.16	-31.773	PASS
			2483.50	-50.332	-20.5	-29.832	PASS
			2396.77	-49.299	-19.28	-30.019	PASS
			2400.00	-51.290	-19.28	-32.010	PASS
			2483.50	-51.725	-19.56	-32.165	PASS
8DPSK	3-DH5		2397.38	-50.345	-19.51	-30.835	PASS
			2400.00	-50.979	-19.51	-31.469	PASS
			2483.50	-51.365	-19.67	-31.695	PASS
			2397.96	-49.442	-18.83	-30.612	PASS
			2400.00	-49.713	-18.83	-30.883	PASS
			2483.50	-50.687	-20.01	-30.677	PASS

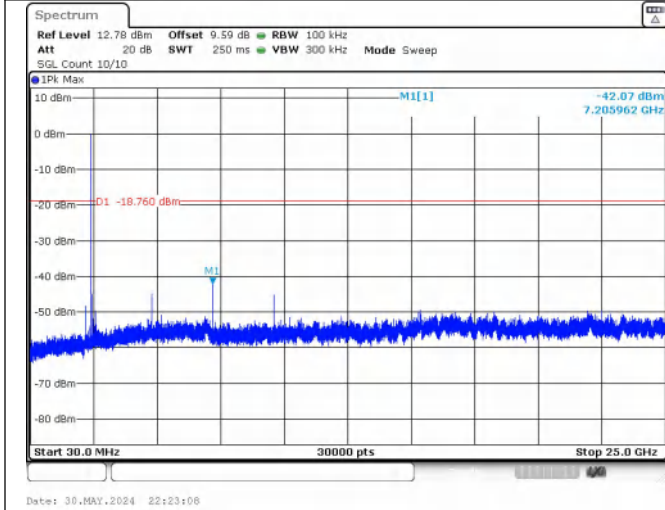
Test Graphs



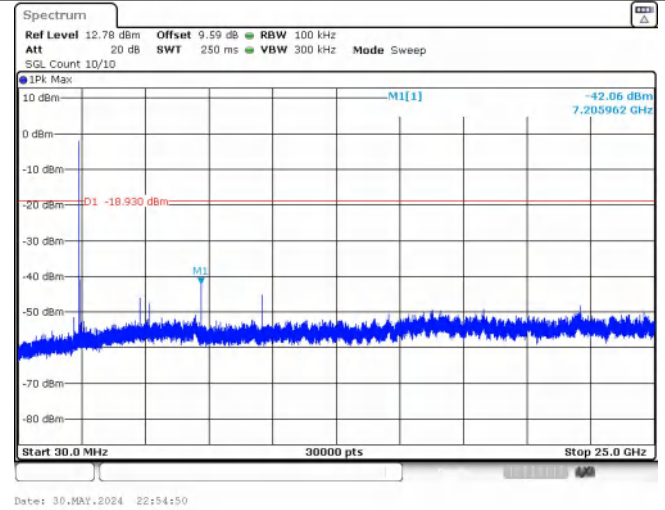
**Out Of Band Emission
GFSK_DH5_Channel 0**



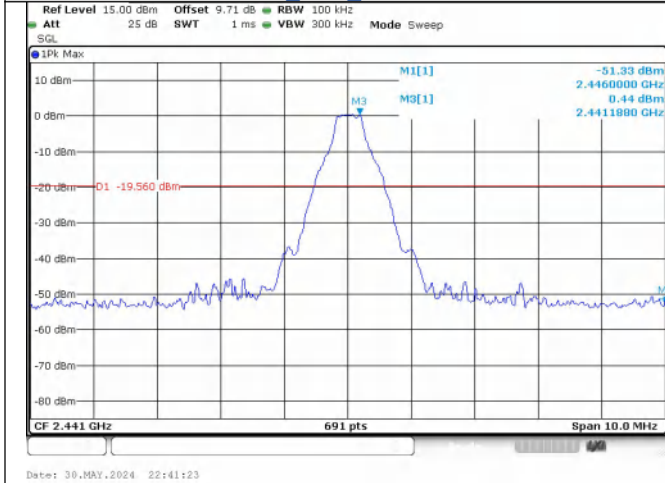
**Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0**



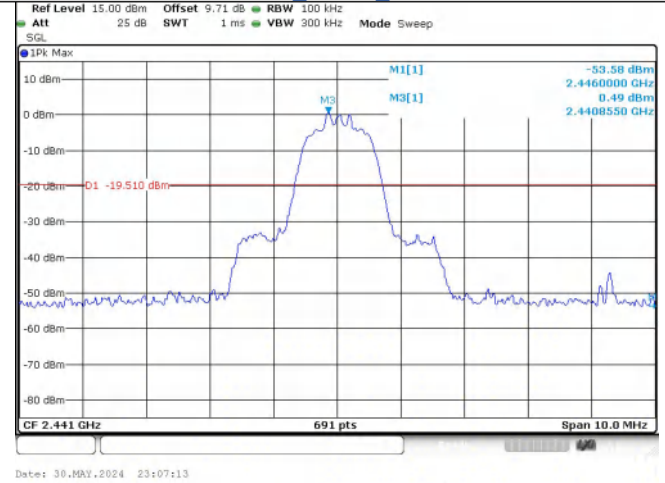
**Spurious Emission
GFSK_DH5_Channel 0**



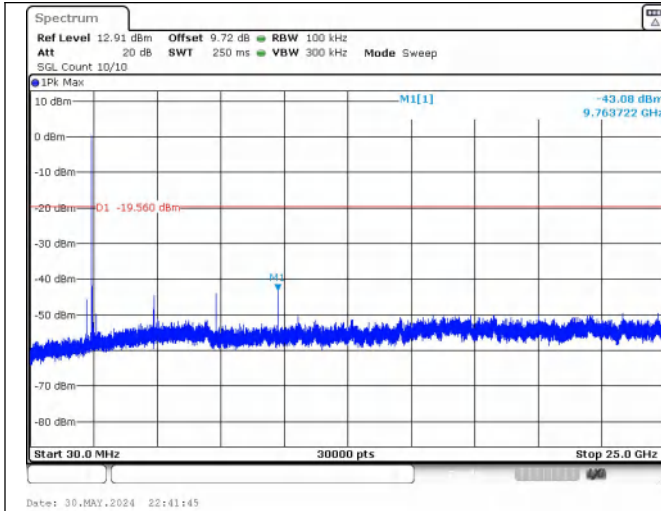
**Spurious Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0**



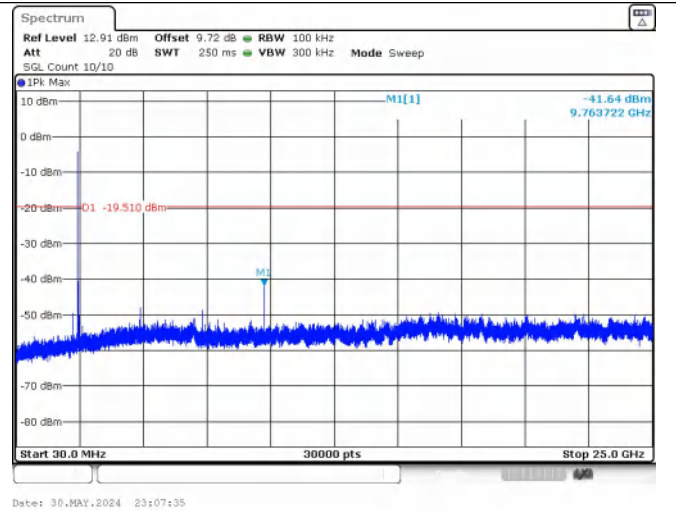
**Out Of Band Emission
GFSK_DH5_Channel 39**



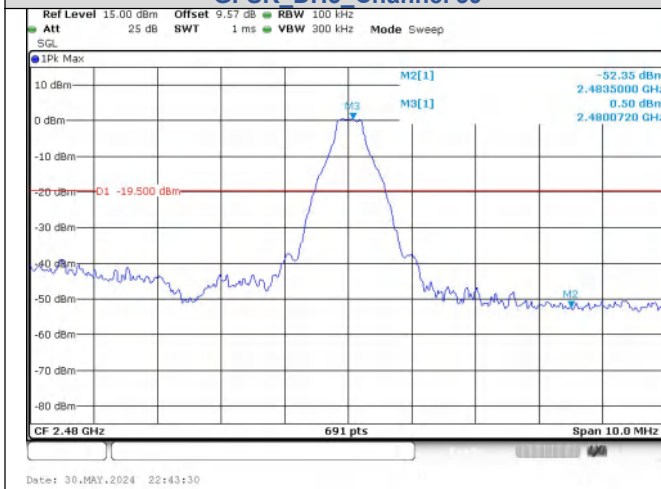
**Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39**



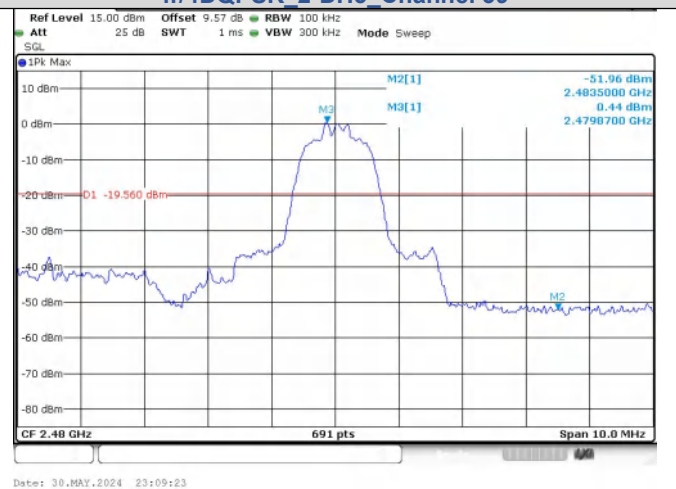
**Spurious Emissions
GFSK_DH5_Channel 39**



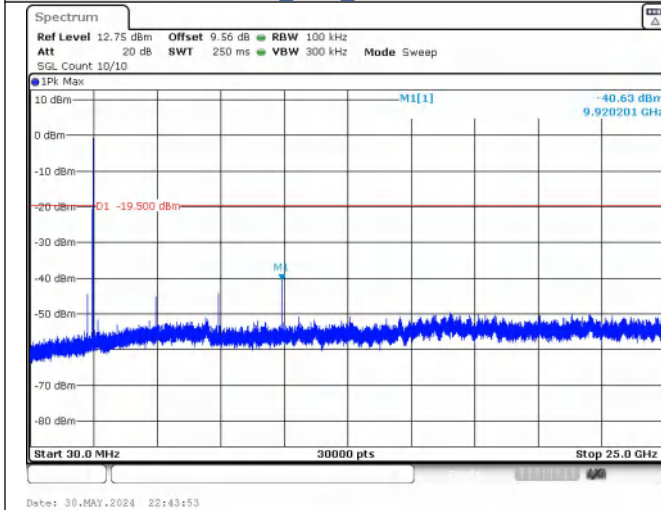
**Spurious Emissions
pi/4DQPSK_2-DH5_Channel 39**



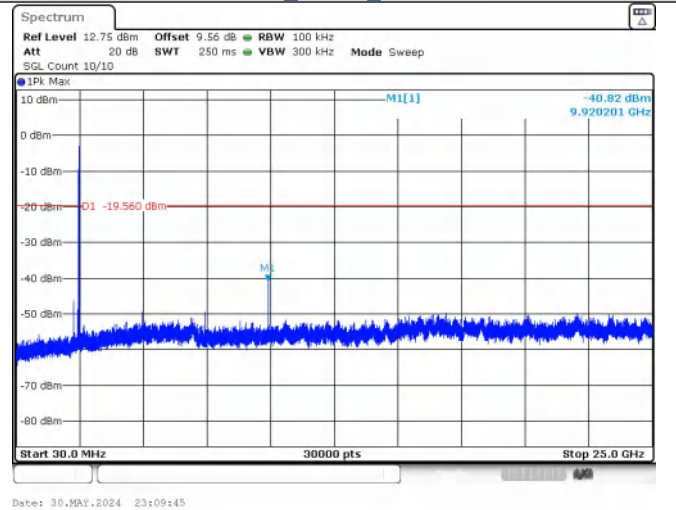
**Out Of Band Emission
GFSK_DH5_Channel 78**



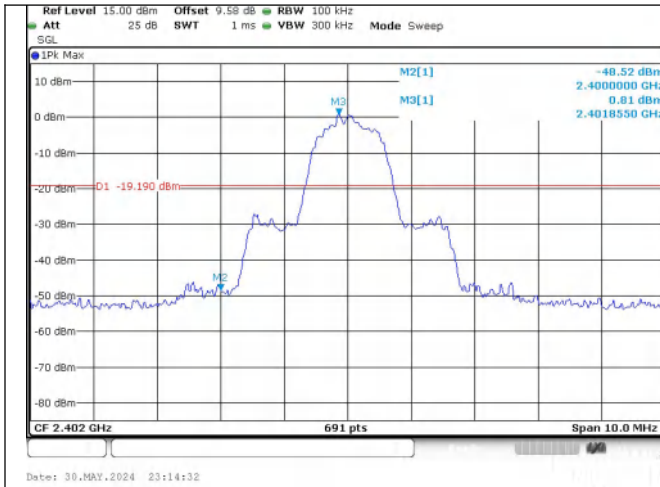
**Out Of Band Emission
pi/4DQPSK_2-DH5_Channel 78**



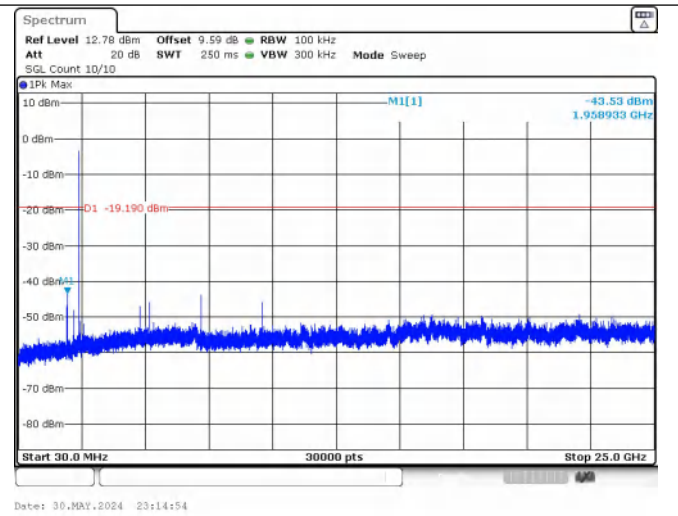
**Spurious Emission
GFSK_DH5_Channel 78**



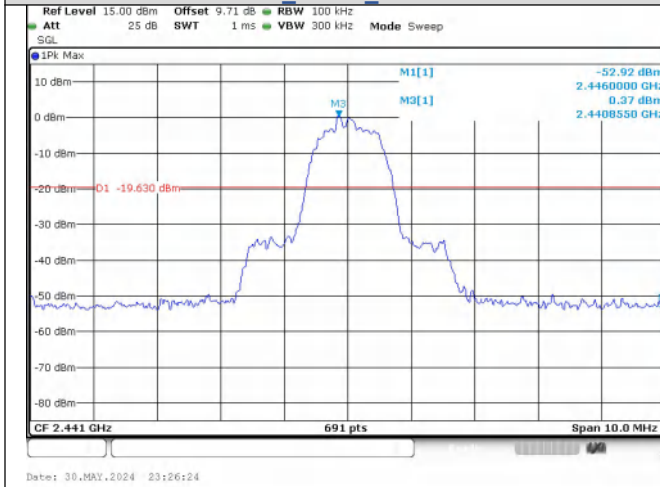
**Spurious Emission
pi/4DQPSK_2-DH5_Channel 78**



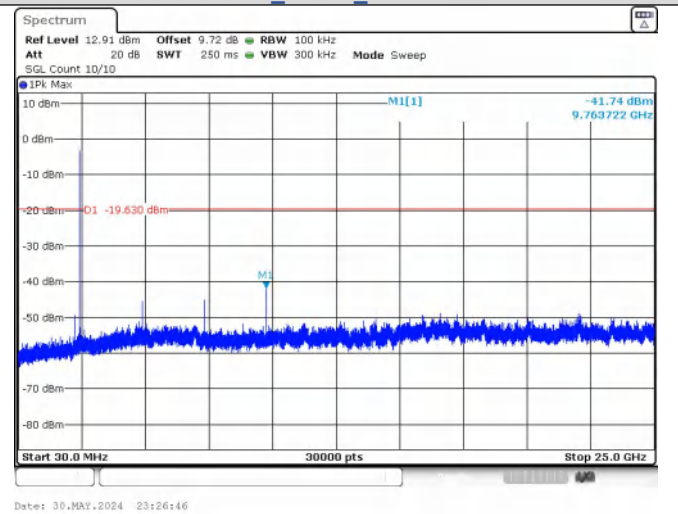
**Out Of Band Emission
8DPSK_3-DH5_Channel 0**



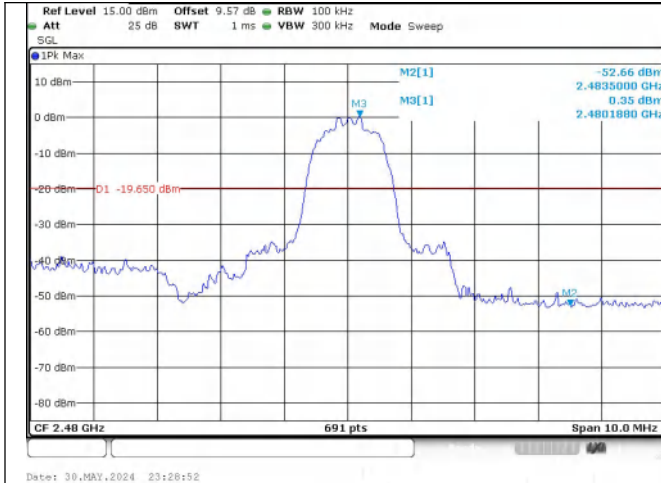
**Spurious Emission
8DPSK_3-DH5_Channel 0**



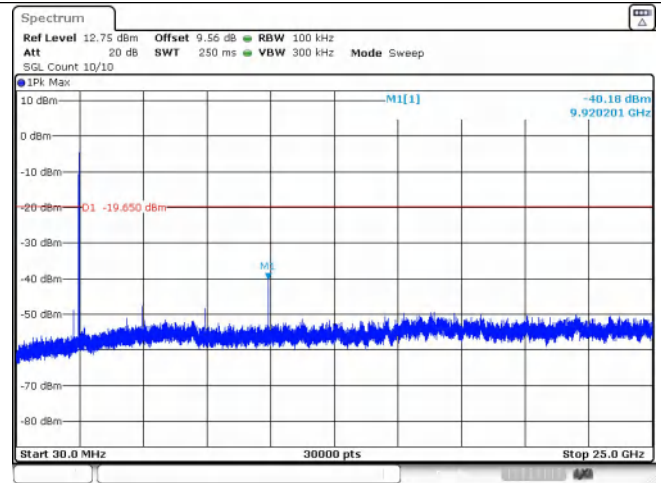
**Out Of Band Emission
8DPSK_3-DH5_Channel 39**



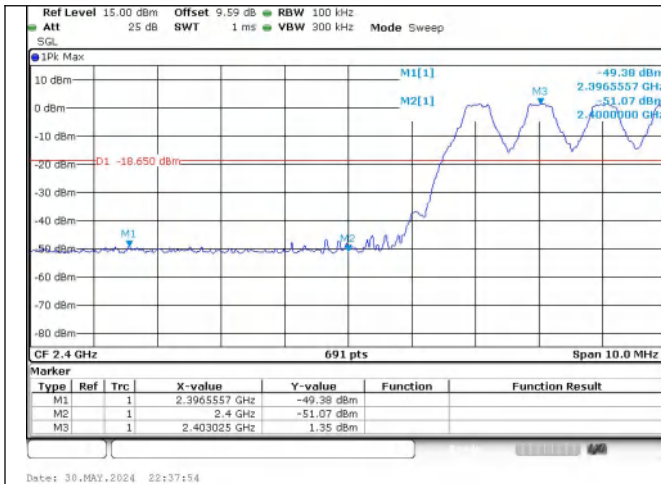
**Spurious Emissions
8DPSK_3-DH5_Channel 39**



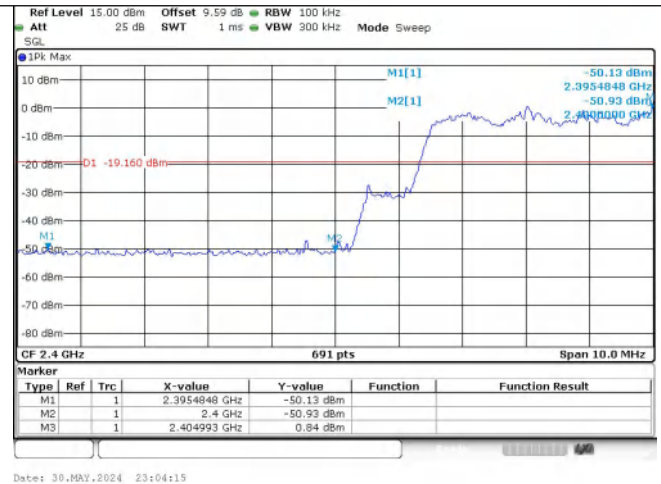
**Out Of Band Emission
8DPSK_3-DH5_Channel 78**



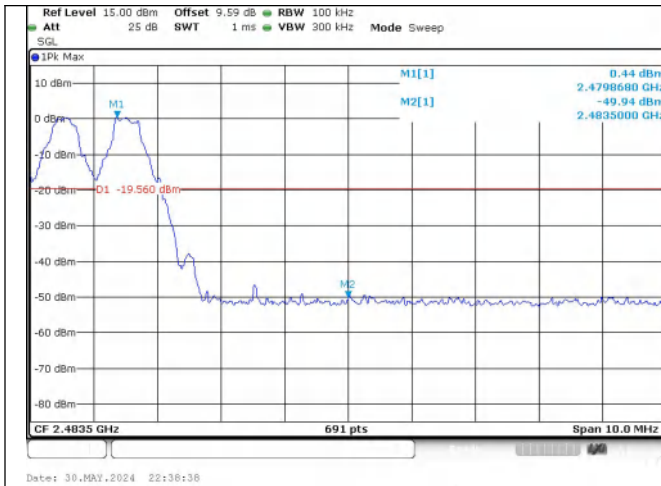
**Spurious Emission
8DPSK_3-DH5_Channel 78**



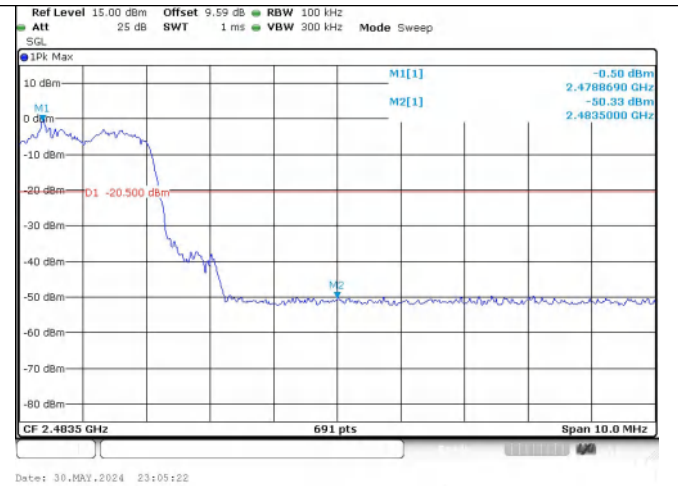
**Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping**



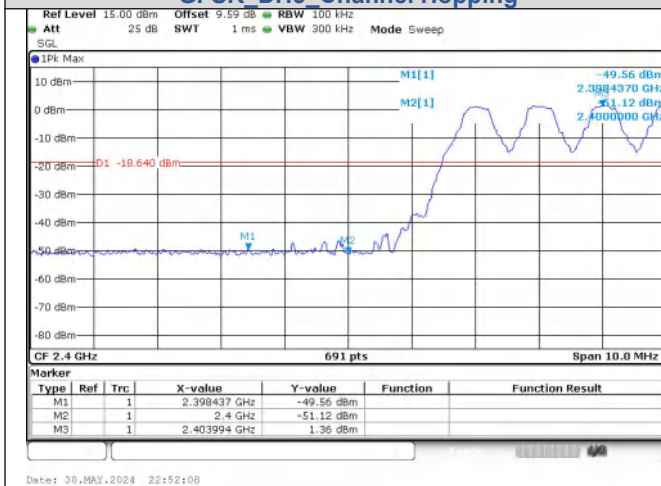
**Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping**



**Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping**



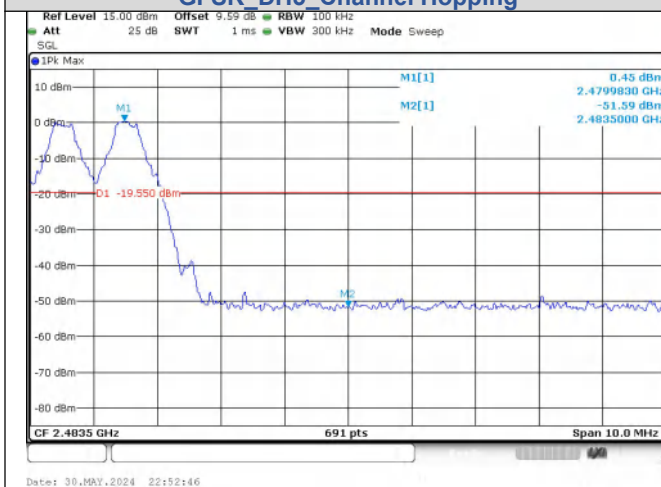
**Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping**



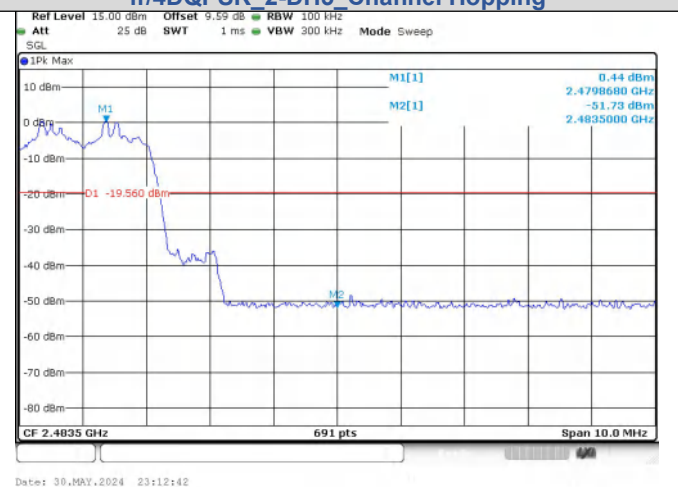
**Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping**



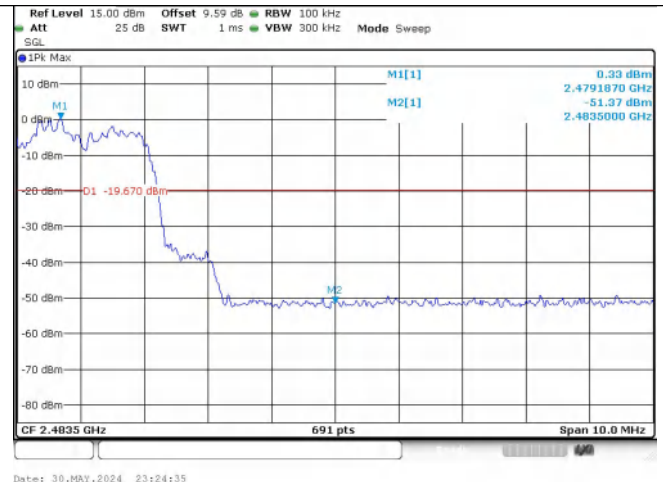
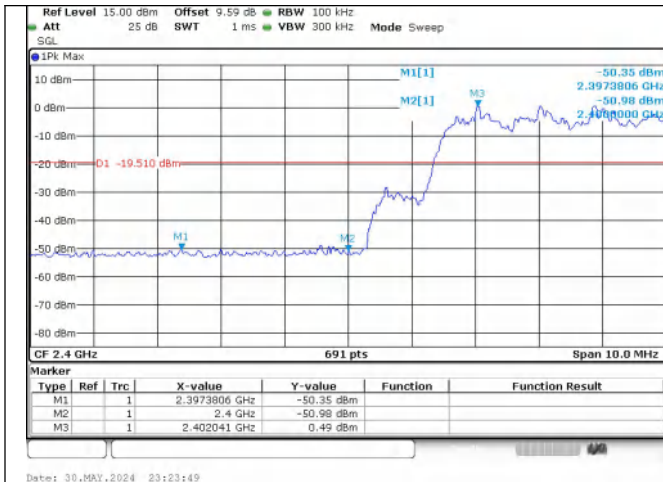
**Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping**



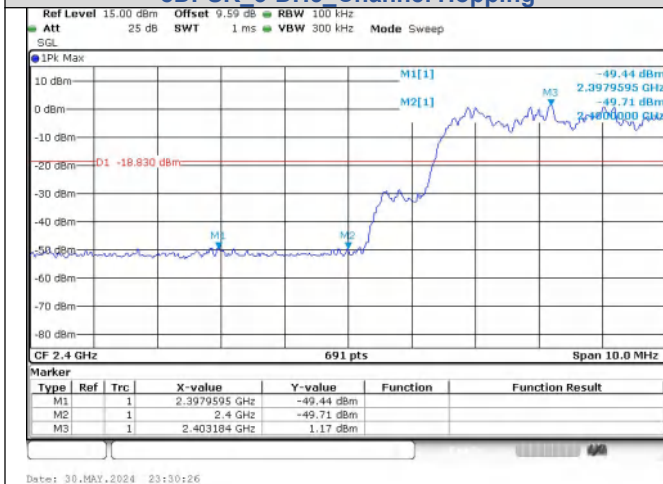
**Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping**



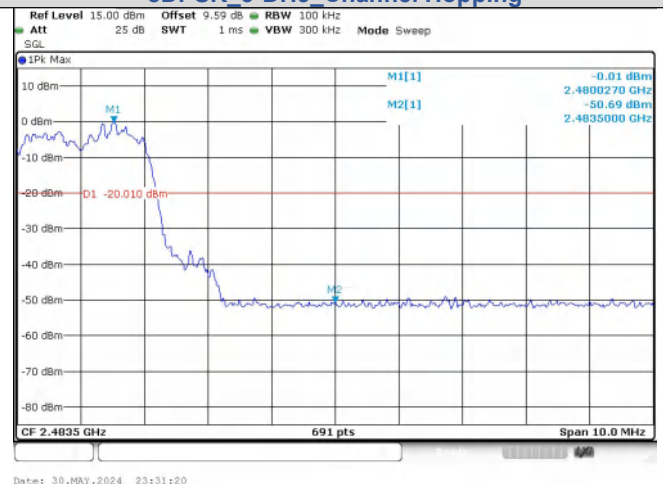
**Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping**



**Out Of Band Emission(Left)
8DPSK_3-DH5_Channel Hopping**



**Out Of Band Emission(Right)
8DPSK_3-DH5_Channel Hopping**



**Out Of Band Emission(Left)
8DPSK_3-DH5_Channel Hopping**

**Out Of Band Emission(Right)
8DPSK_3-DH5_Channel Hopping**

Right

Test Result

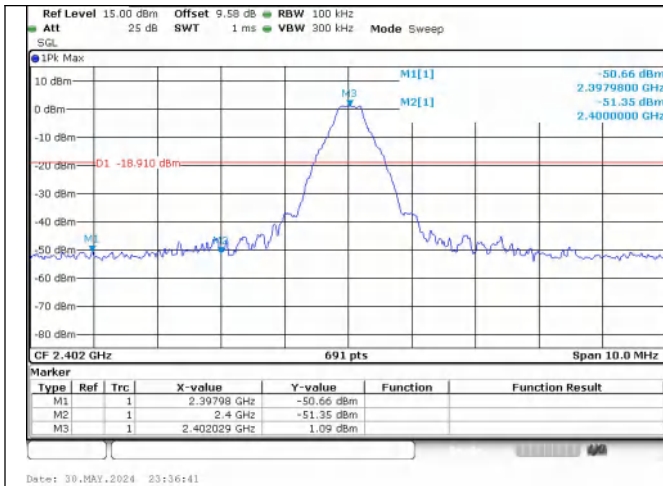
Non-Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-51.347	-18.91	-32.437	PASS
			2397.98	-50.661	-18.91	-31.751	PASS
			7206.00	-40.536	-18.91	-21.626	PASS
		39	9763.72	-42.522	-19.62	-22.902	PASS
		78	2483.50	-52.564	-19.6	-32.964	PASS
			9920.20	-40.540	-19.6	-20.940	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-48.023	-18.98	-29.043	PASS
			7205.96	-43.974	-18.98	-24.994	PASS
		39	9764.55	-42.575	-20.6	-21.975	PASS
		78	2483.50	-50.799	-19.74	-31.059	PASS
			9920.20	-40.731	-19.74	-20.991	PASS
8DPSK	3-DH5	0	2400.00	-49.467	-19.15	-30.317	PASS
			7205.96	-41.646	-19.15	-22.496	PASS
		39	9763.72	-43.119	-19.85	-23.269	PASS
		78	2483.50	-52.919	-19.79	-33.130	PASS
			9920.20	-40.525	-19.79	-20.735	PASS

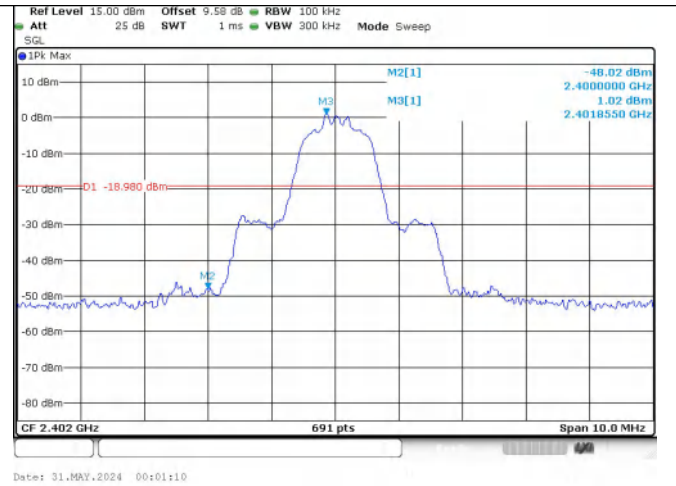
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.08	-50.296	-19.1	-31.196	PASS
			2400.00	-52.566	-19.1	-33.466	PASS
			2483.50	-52.114	-19.73	-32.384	PASS
			2396.95	-50.364	-19.09	-31.274	PASS
			2400.00	-50.781	-19.09	-31.691	PASS
			2483.50	-51.307	-19.74	-31.567	PASS
π/4DQPSK	2-DH5		2400.00	-47.765	-19.73	-28.035	PASS
			2483.50	-50.690	-19.71	-30.980	PASS
			2395.59	-50.283	-19.73	-30.553	PASS
			2400.00	-51.769	-19.73	-32.039	PASS
			2483.50	-51.718	-19.94	-31.778	PASS
8DPSK	3-DH5		2395.04	-49.587	-19.58	-30.007	PASS
			2400.00	-51.633	-19.58	-32.053	PASS
			2483.50	-50.866	-20.26	-30.606	PASS
			2395.53	-49.331	-19.2	-30.131	PASS
			2400.00	-50.492	-19.2	-31.292	PASS
			2483.50	-51.027	-19.83	-31.197	PASS

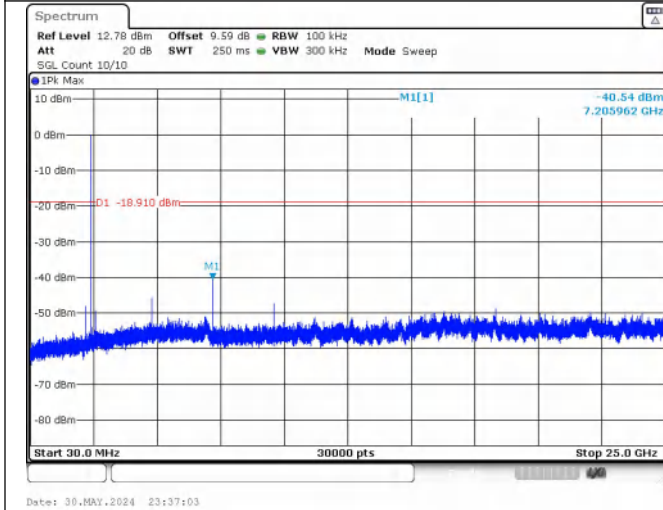
Test Graphs



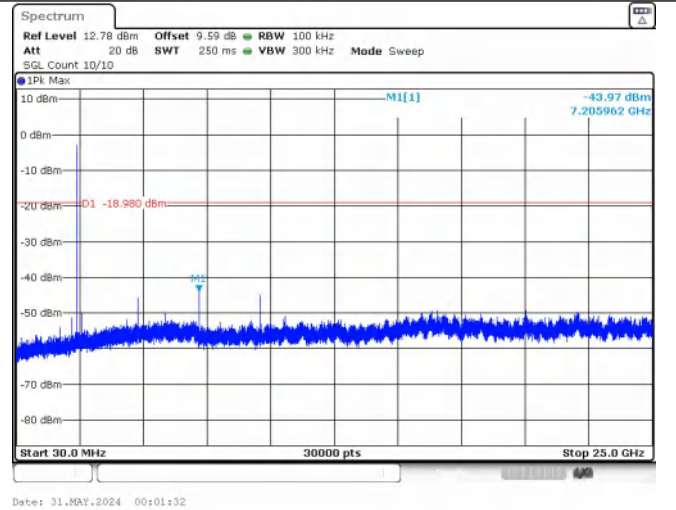
**Out Of Band Emission
GFSK_DH5_Channel 0**



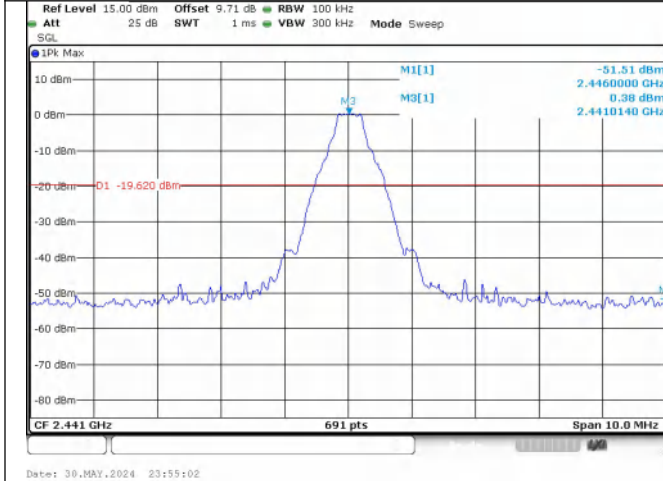
**Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0**



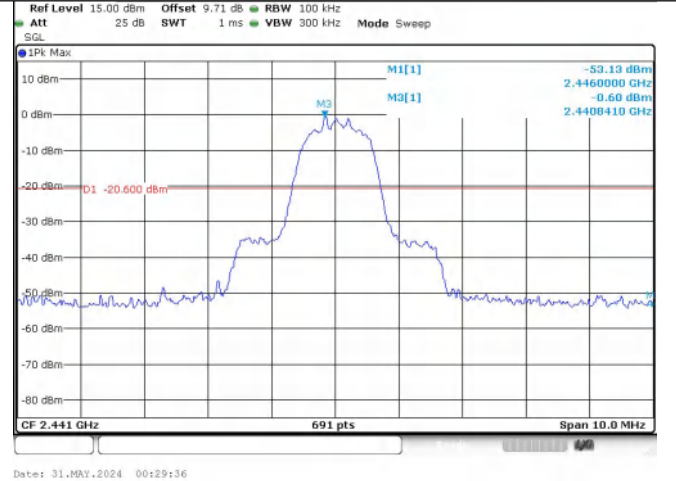
**Spurious Emission
GFSK_DH5_Channel 0**



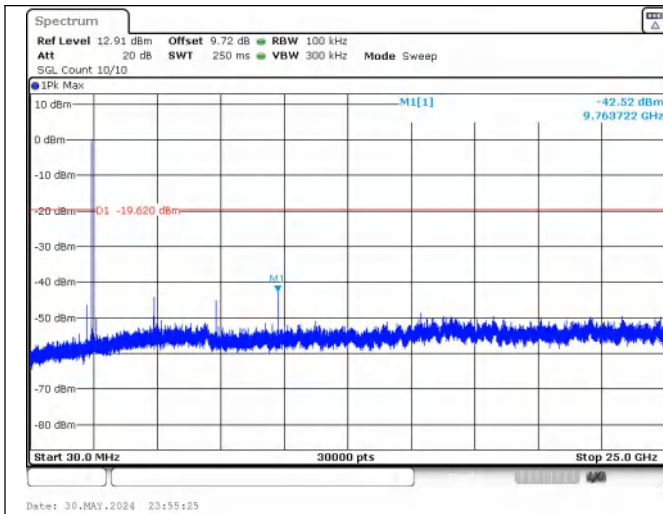
**Spurious Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0**



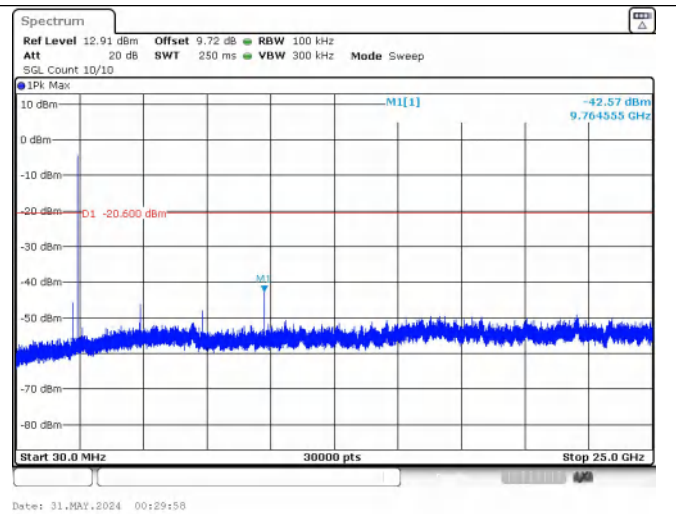
**Out Of Band Emission
GFSK_DH5_Channel 39**



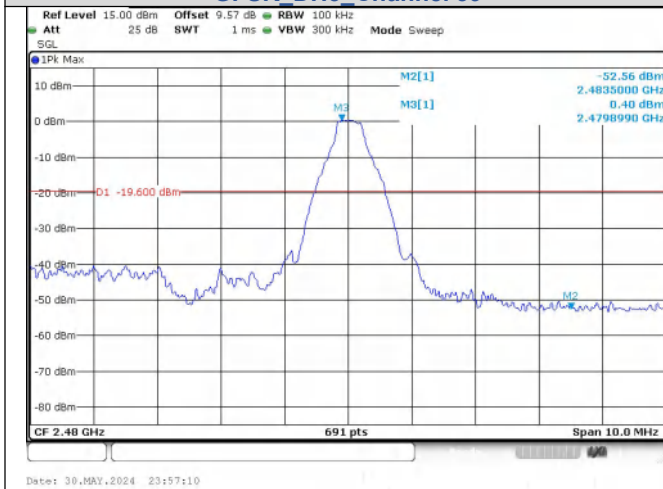
**Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39**



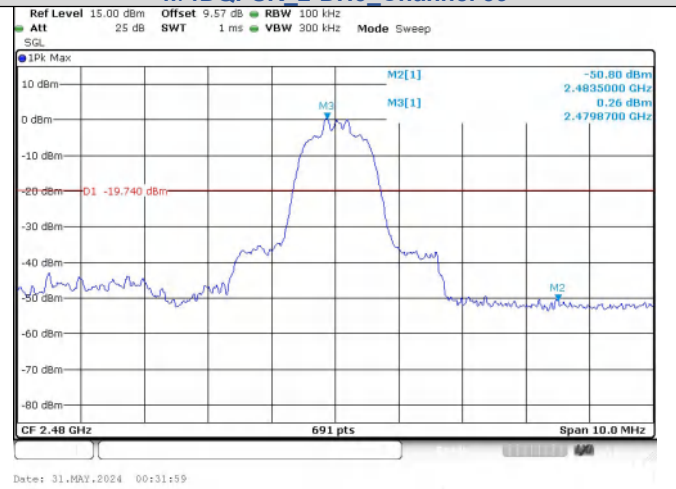
**Spurious Emissions
GFSK_DH5_Channel 39**



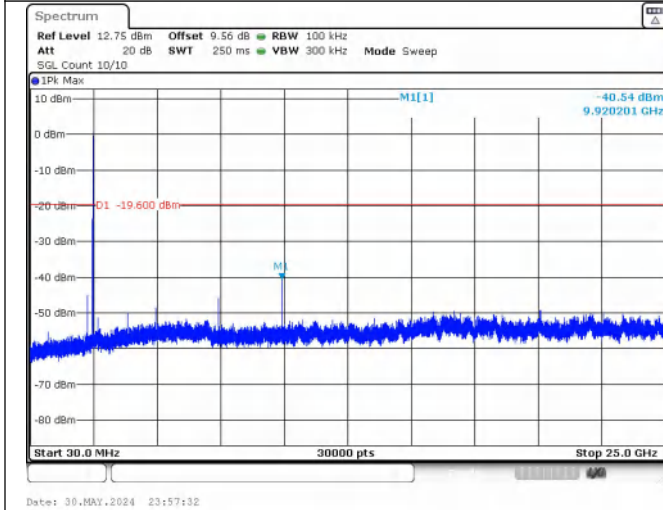
**Spurious Emissions
 $\pi/4$ DQPSK_2-DH5_Channel 39**



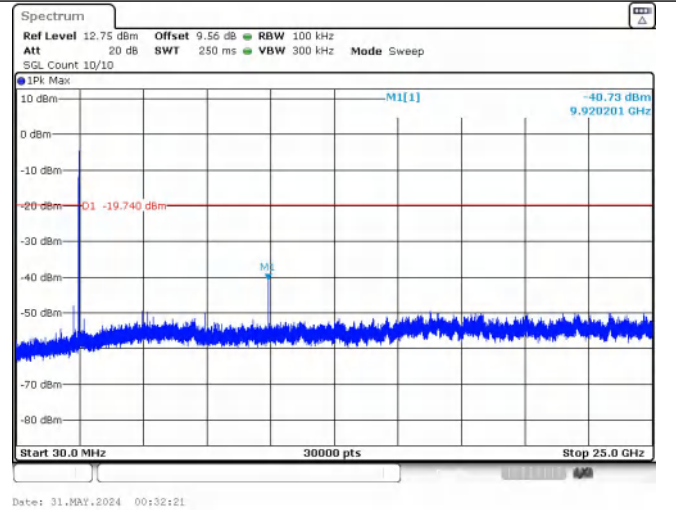
**Out Of Band Emission
GFSK_DH5_Channel 78**



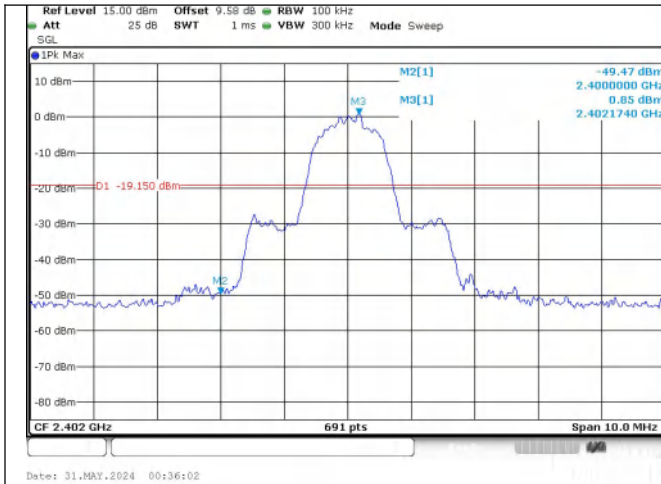
**Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78**



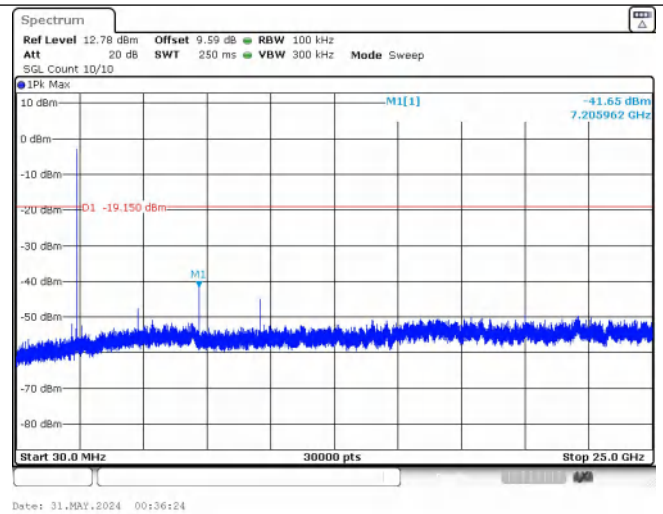
**Spurious Emission
GFSK_DH5_Channel 78**



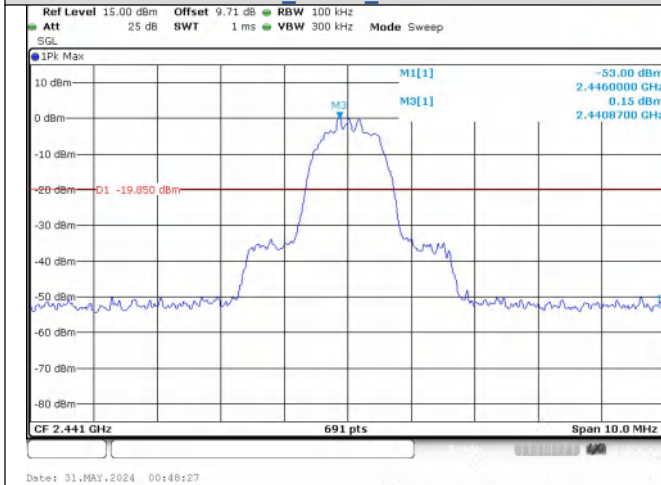
**Spurious Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78**



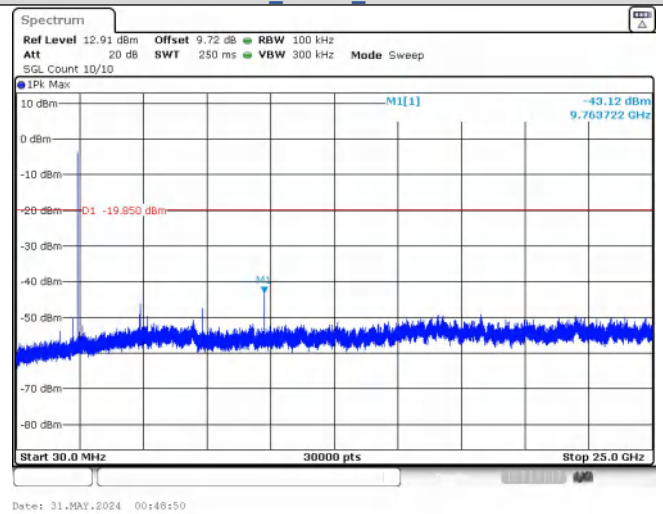
**Out Of Band Emission
8DPSK_3-DH5_Channel 0**



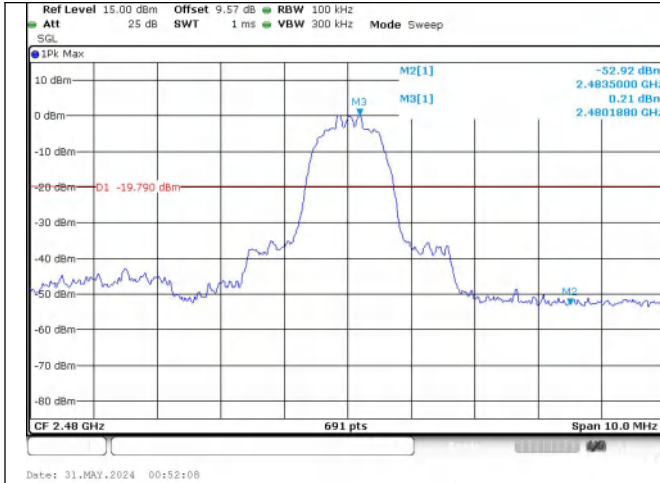
**Spurious Emission
8DPSK_3-DH5_Channel 0**



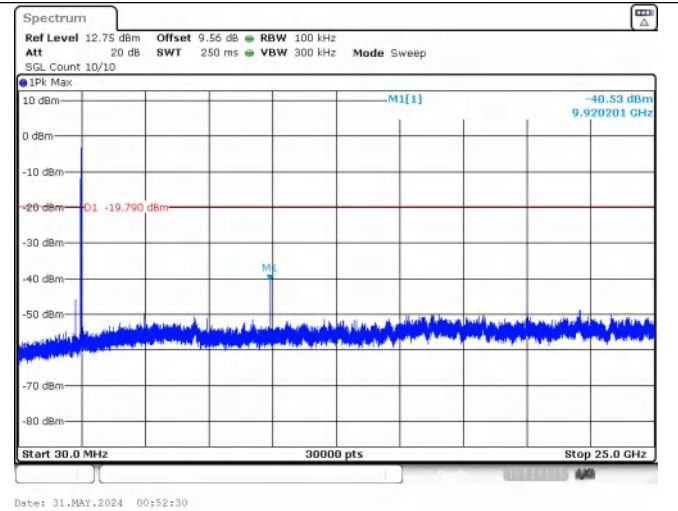
**Out Of Band Emission
8DPSK_3-DH5_Channel 39**



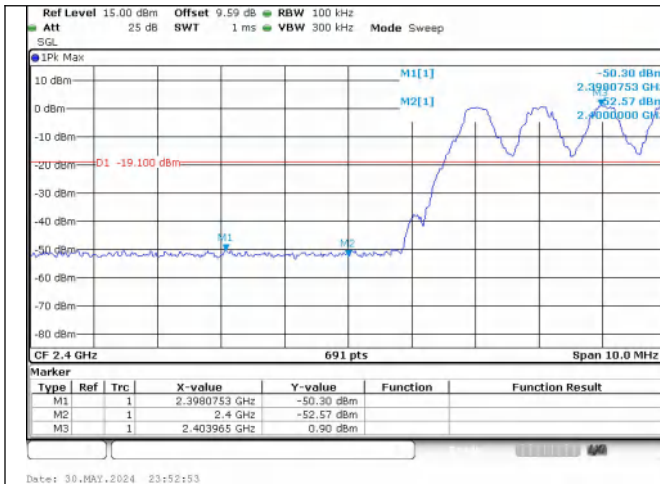
**Spurious Emissions
8DPSK_3-DH5_Channel 39**



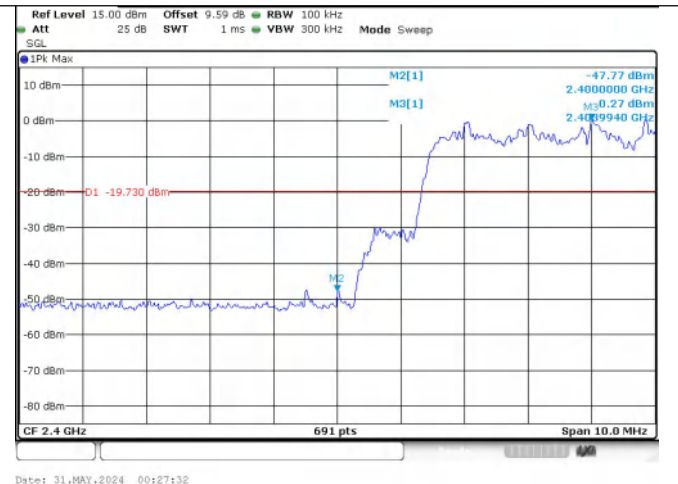
**Out Of Band Emission
8DPSK_3-DH5_Channel 78**



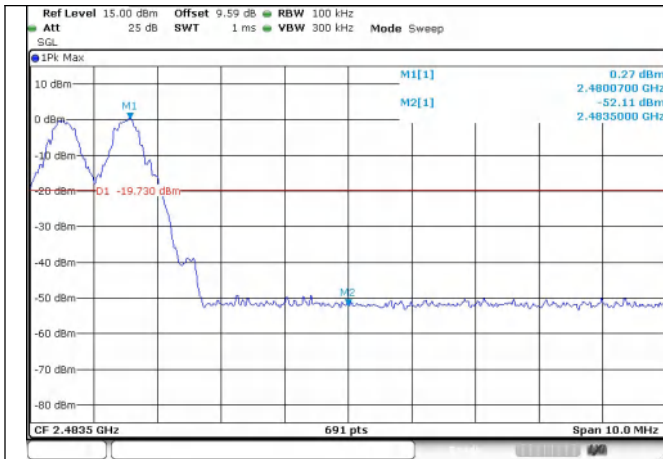
**Spurious Emission
8DPSK_3-DH5_Channel 78**



**Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping**

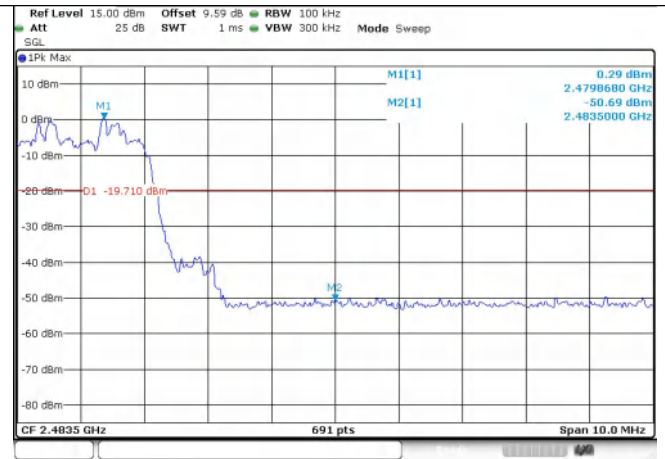


**Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping**



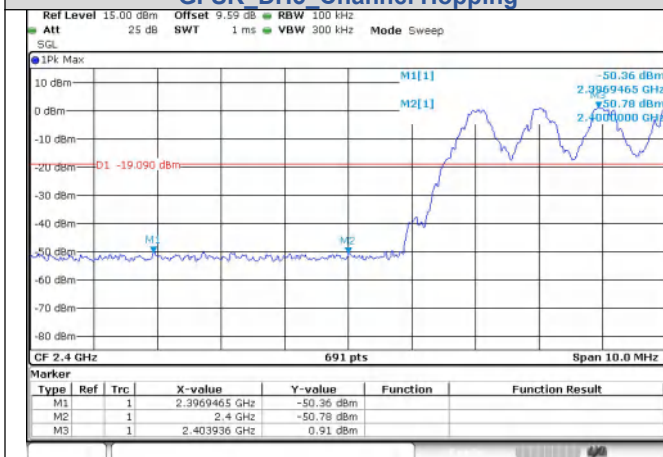
Date: 30.MAY.2024 23:53:19

Out Of Band Emission(Right) GFSK_DH5_Channel Hopping



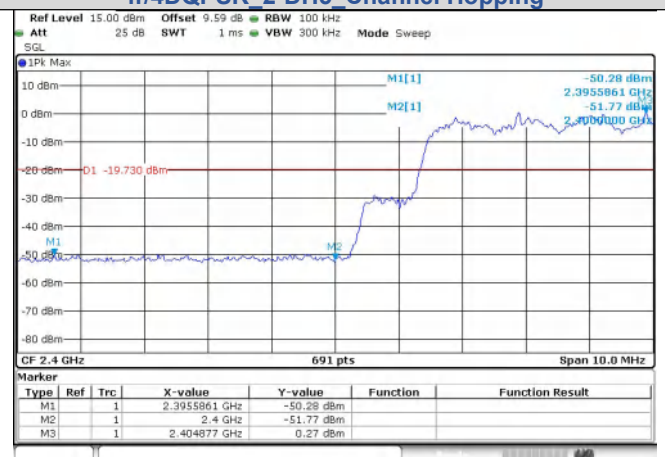
Date: 31.MAY.2024 00:27:59

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



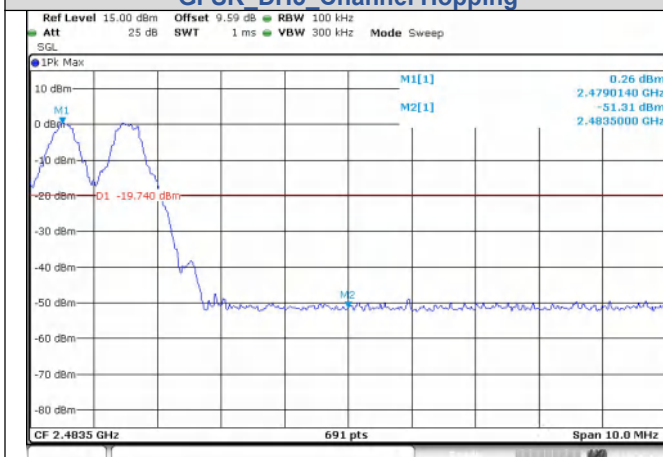
Date: 30.MAY.2024 23:58:28

Out Of Band Emission(Left) GFSK_DH5_Channel Hopping



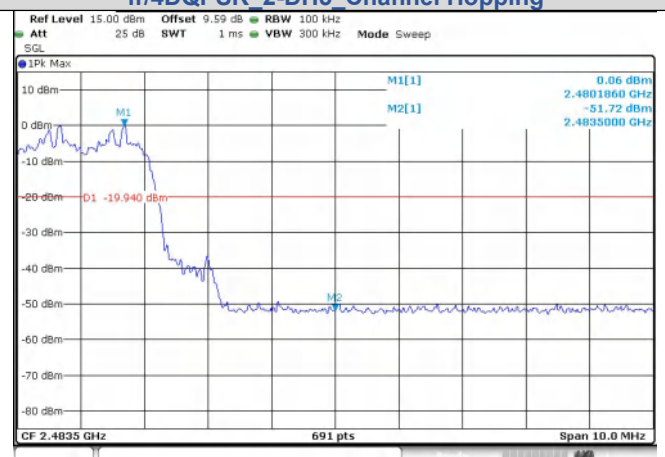
Date: 31.MAY.2024 00:33:45

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



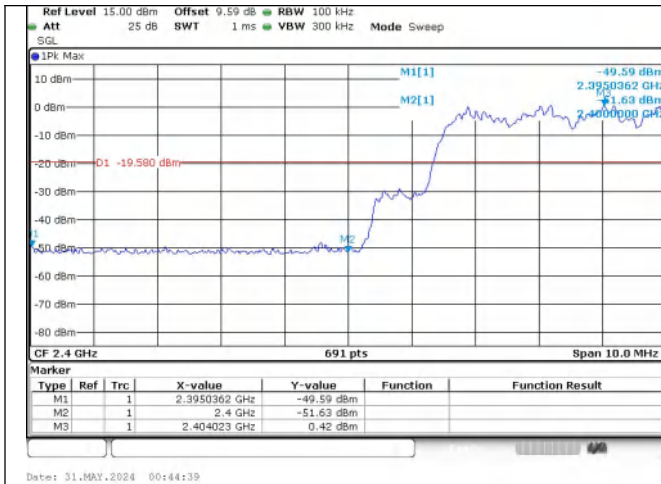
Date: 30.MAY.2024 23:59:23

Out Of Band Emission(Right) GFSK_DH5_Channel Hopping

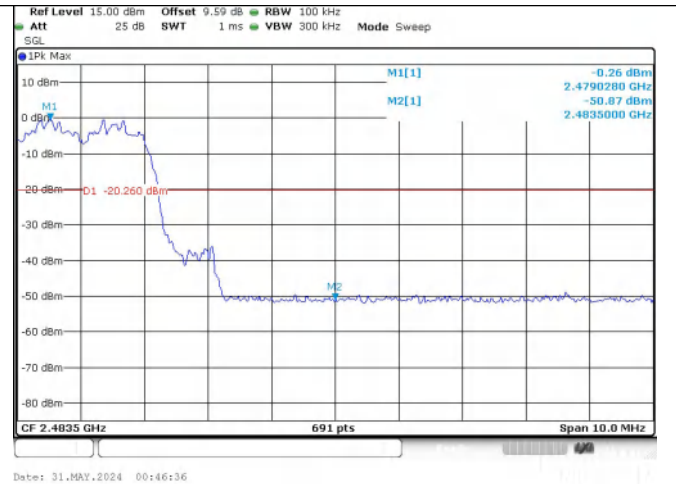


Date: 31.MAY.2024 00:34:18

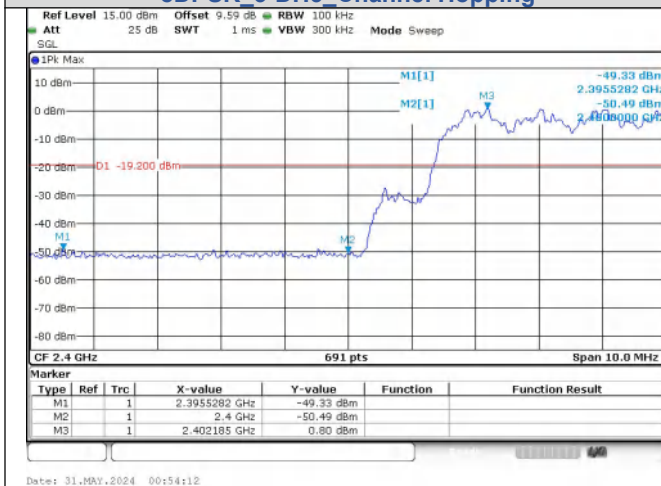
Out Of Band Emission(Right) $\pi/4$ DQPSK_2-DH5_Channel Hopping



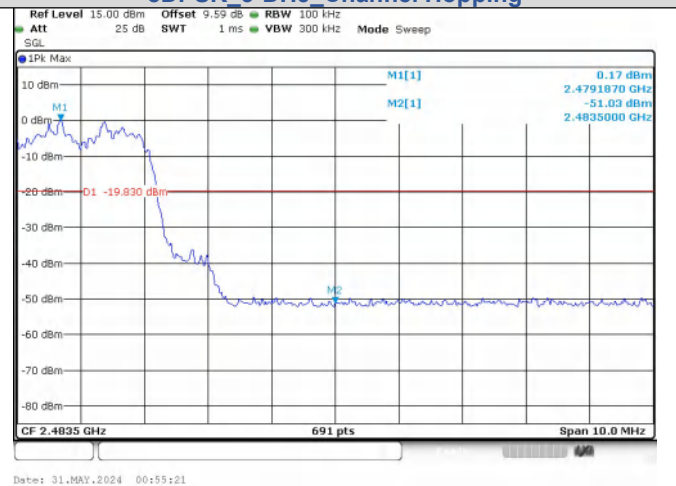
**Out Of Band Emission(Left)
8DPSK 3-DH5 Channel Hopping**



**Out Of Band Emission(Right)
8DPSK 3-DH5 Channel Hopping**



**Out Of Band Emission(Left)
8DPSK 3-DH5 Channel Hopping**



**Out Of Band Emission(Right)
8DPSK 3-DH5 Channel Hopping**

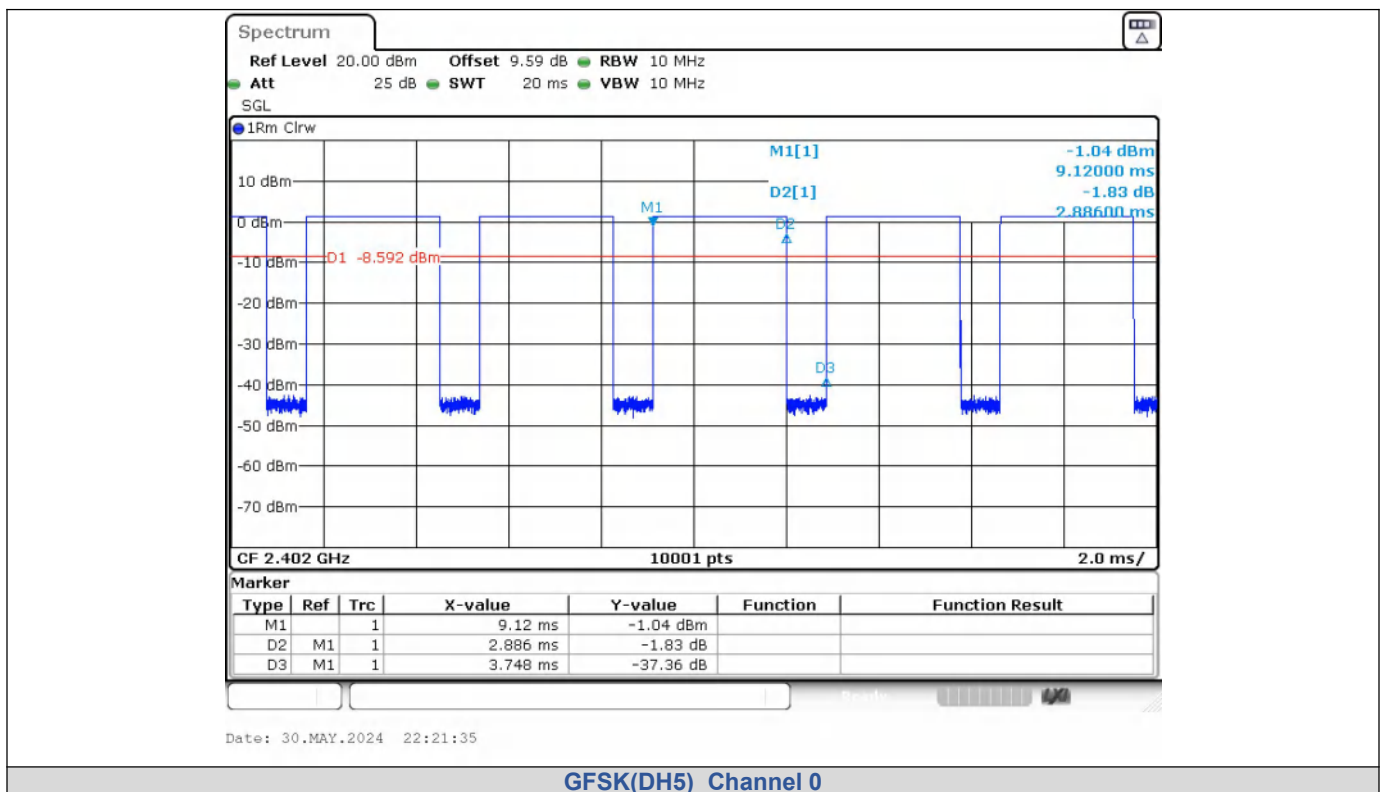
Duty Cycle

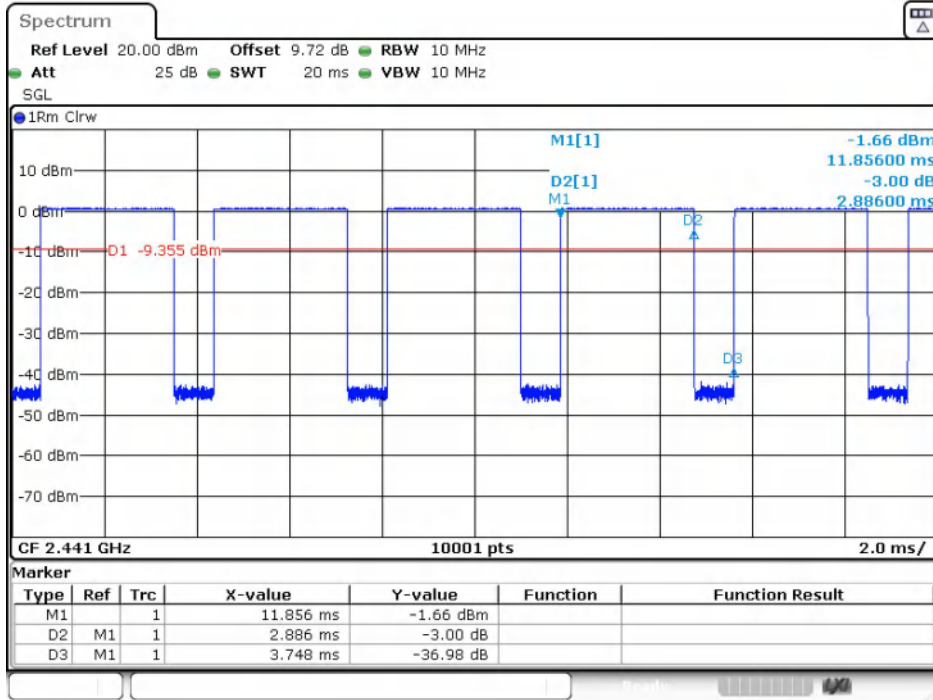
Left

Test Result

Modulation	Packets	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
GFSK	DH5	0	2.886	3.748	77.00	0.7700	1.1351	0.35
		39	2.886	3.748	77.00	0.7700	1.1351	0.35
		78	2.886	3.748	77.00	0.7700	1.1351	0.35
$\pi/4$ DQPSK	2-DH5	0	2.892	3.748	77.16	0.7716	1.1261	0.35
		39	2.892	3.748	77.16	0.7716	1.1261	0.35
		78	2.890	3.748	77.11	0.7711	1.1289	0.35
8DPSK	3-DH5	0	2.894	3.748	77.21	0.7721	1.1233	0.35
		39	2.892	3.748	77.16	0.7716	1.1261	0.35
		78	2.892	3.748	77.16	0.7716	1.1261	0.35

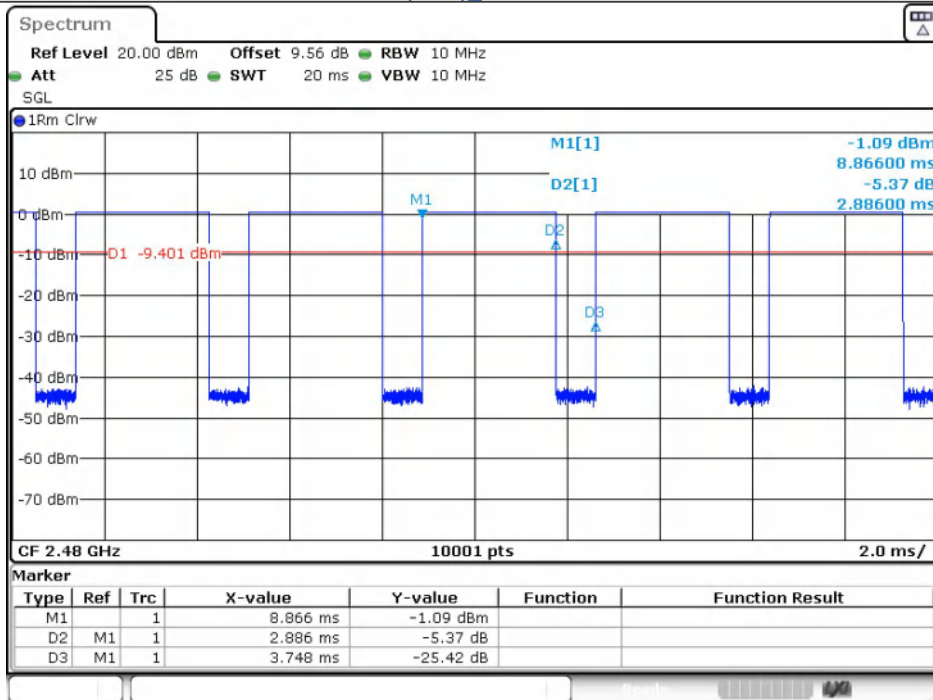
Test Graphs





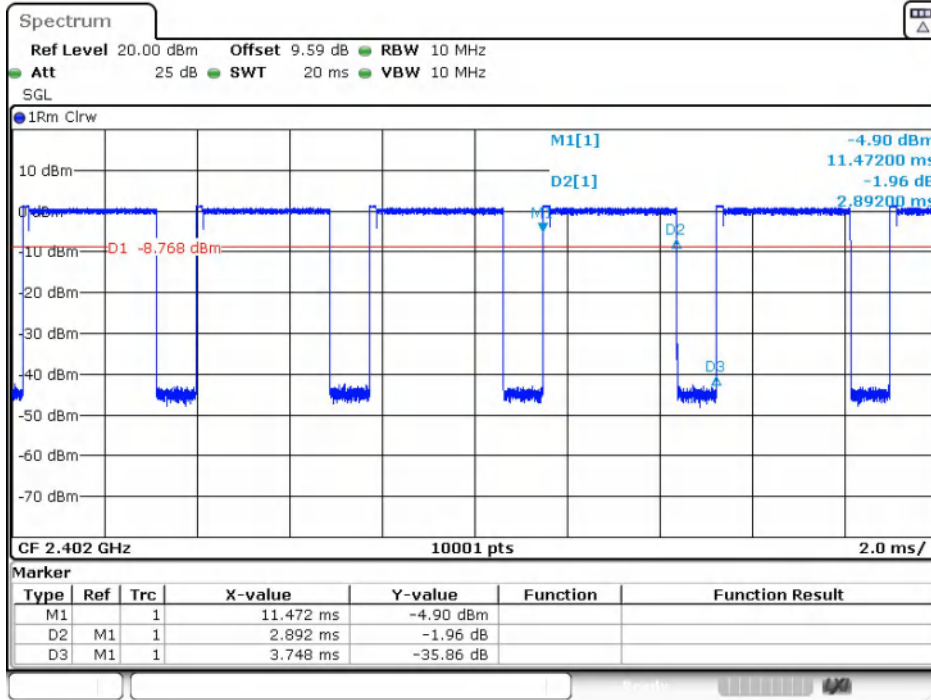
Date: 30.MAY.2024 22:40:17

GFSK(DH5)_Channel 39



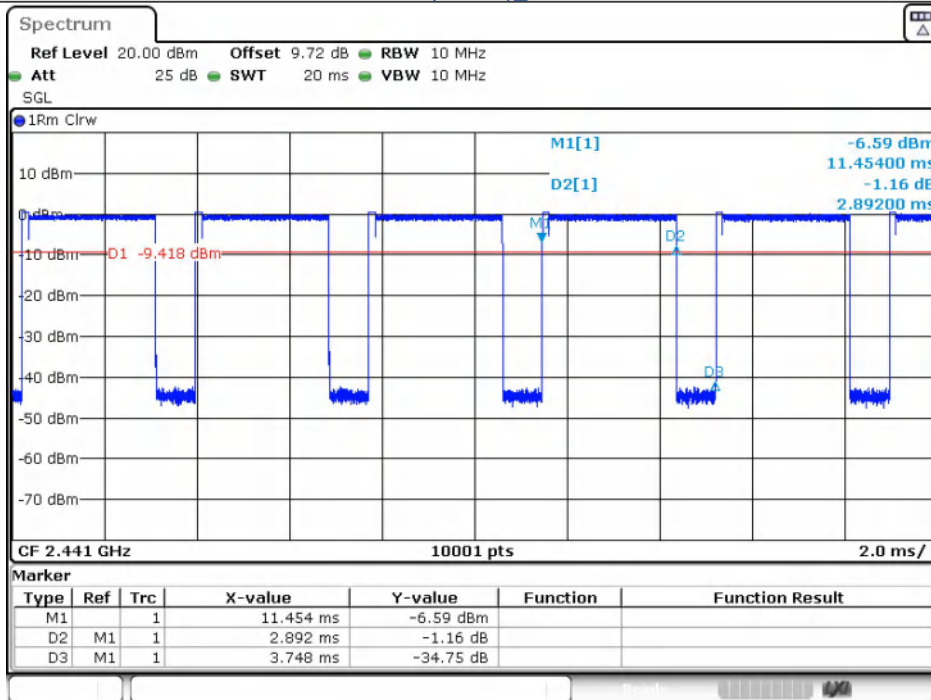
Date: 30.MAY.2024 22:42:20

GFSK(DH5)_Channel 78



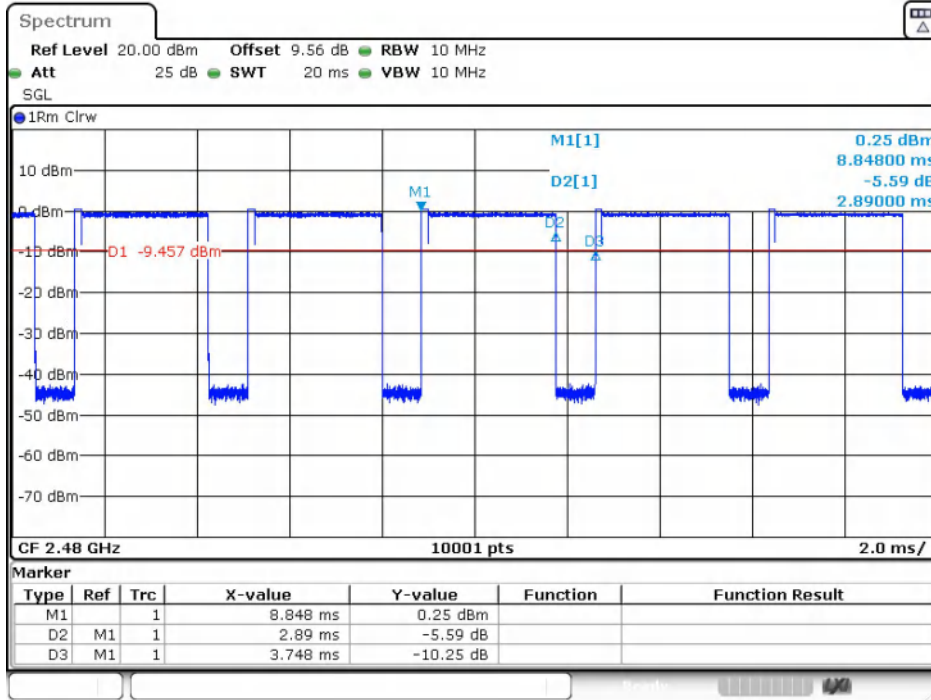
Date: 30.MAY.2024 22:53:17

$\pi/4$ DQPSK(2-DH5)_Channel 0



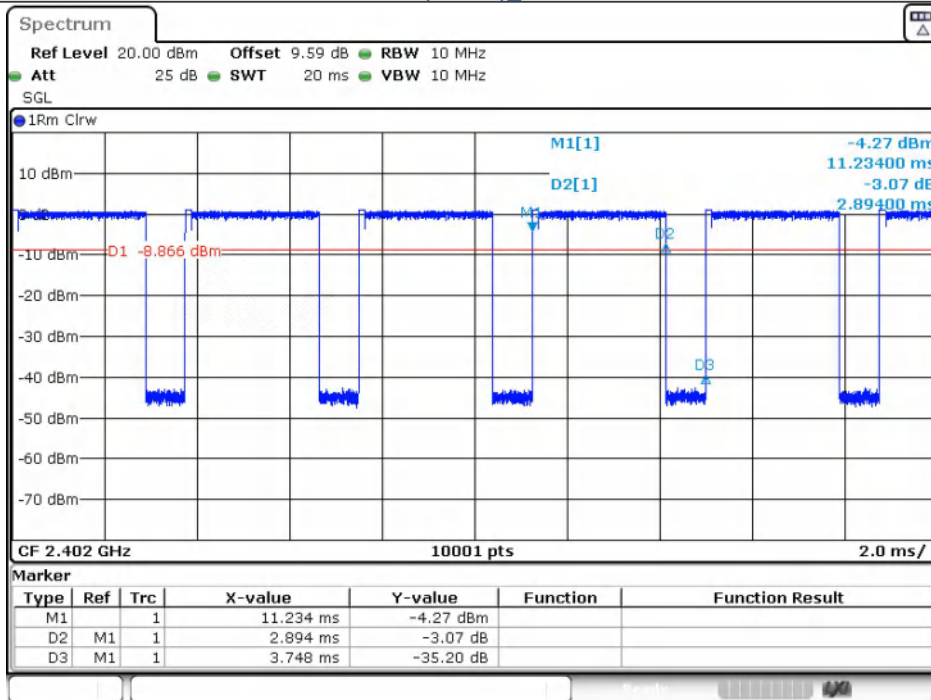
Date: 30.MAY.2024 23:06:08

$\pi/4$ DQPSK(2-DH5)_Channel 39



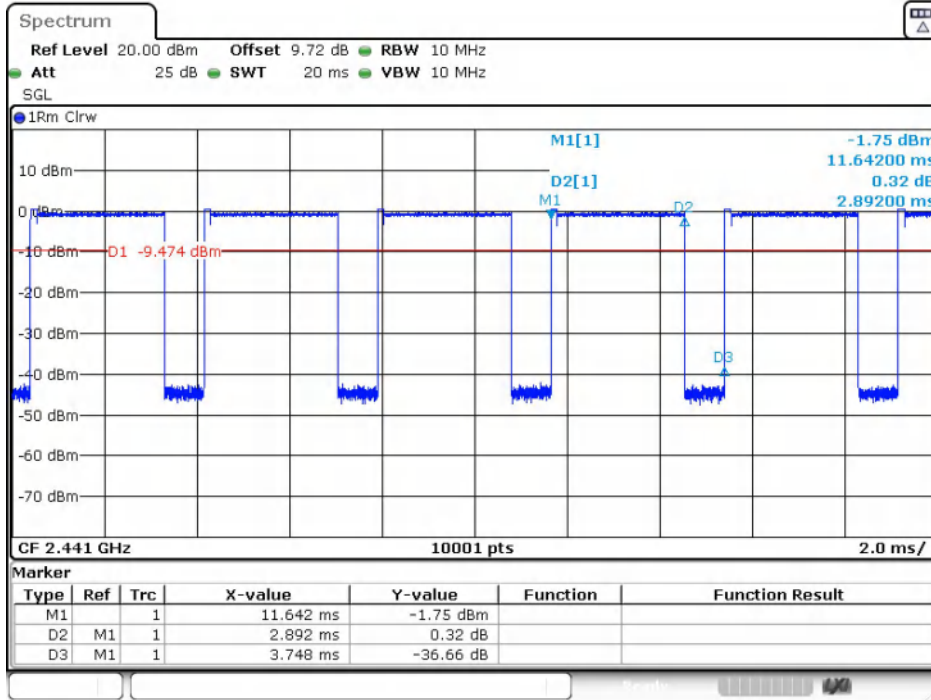
Date: 30.MAY.2024 23:08:12

$\pi/4$ DQPSK(2-DH5)_Channel 78



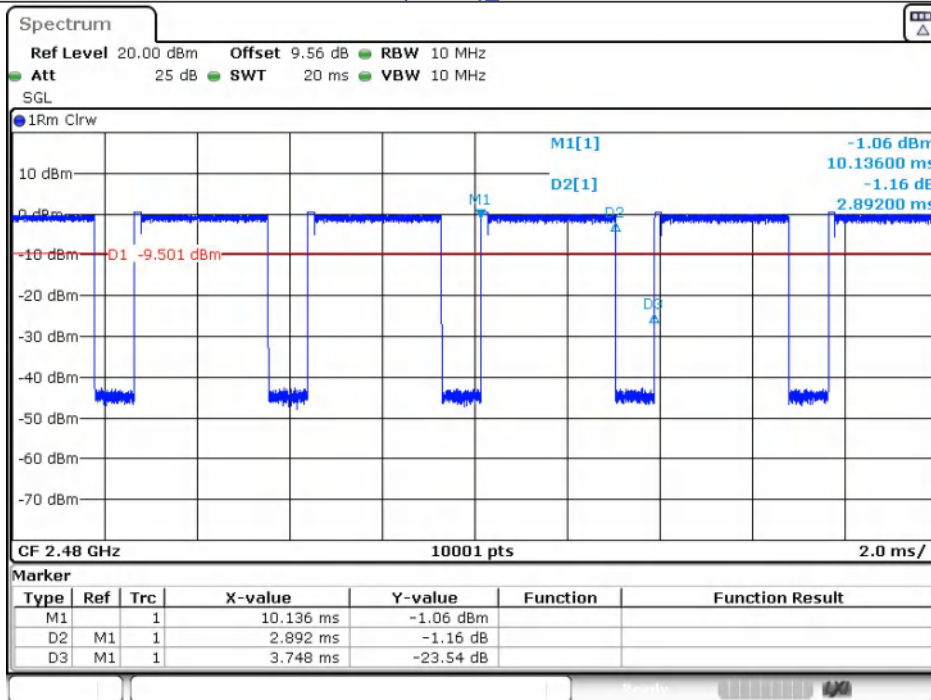
Date: 30.MAY.2024 23:13:22

8DPSK(3-DH5)_Channel 0



Date: 30.MAY.2024 23:25:19

8DPSK(3-DH5)_Channel 39



Date: 30.MAY.2024 23:27:42

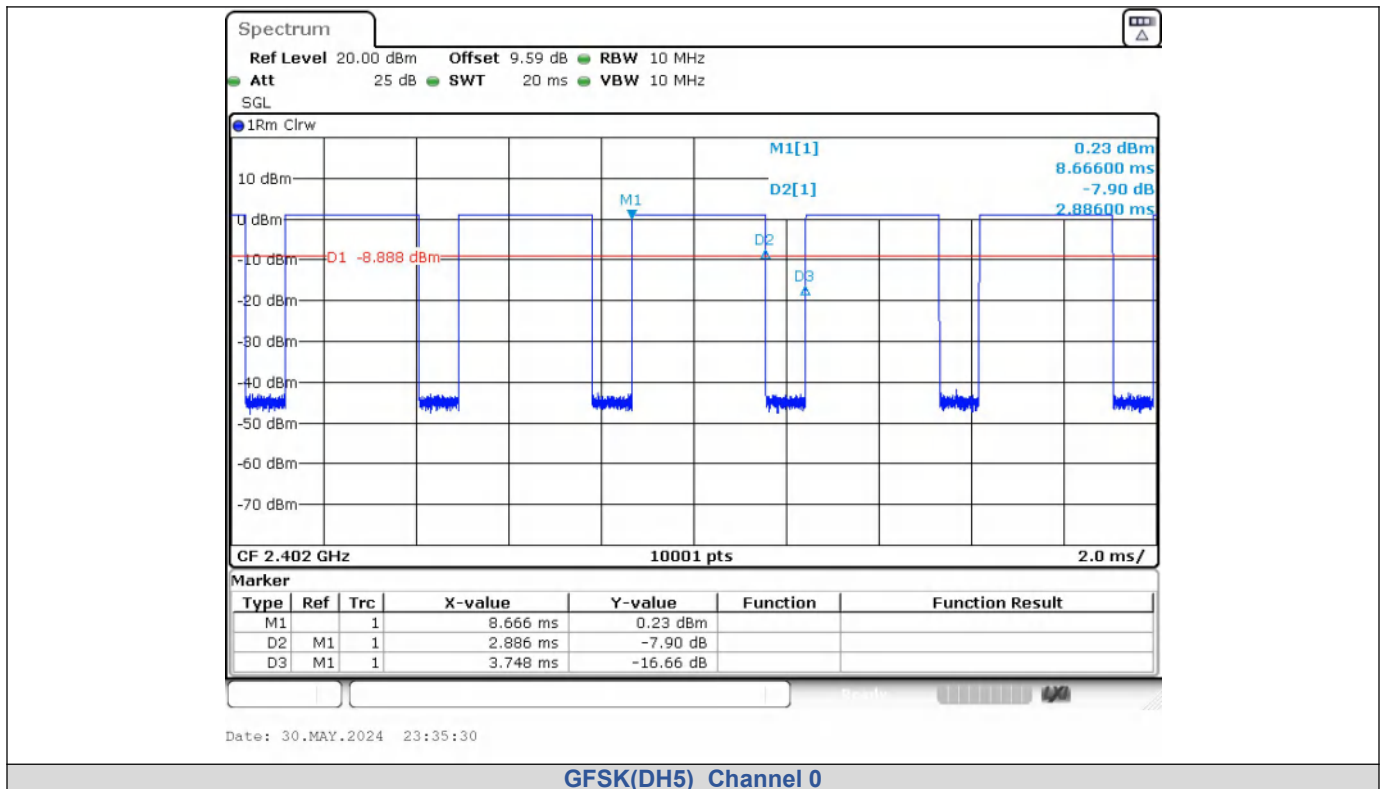
8DPSK(3-DH5)_Channel 78

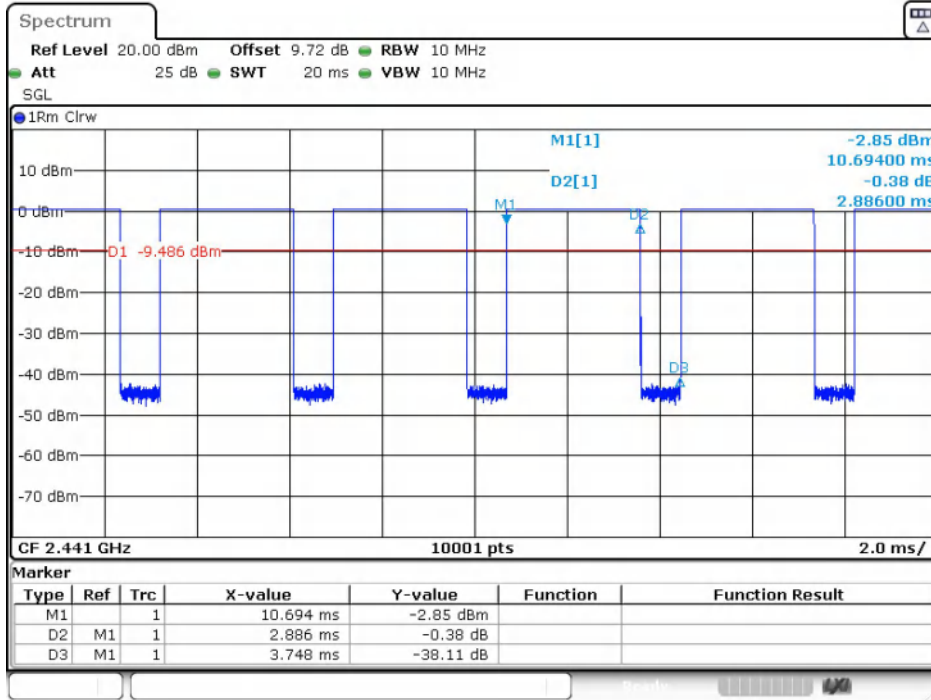
Right

Test Result

Modulation	Packets	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
GFSK	DH5	0	2.886	3.748	77.00	0.7700	1.1351	0.35
		39	2.886	3.748	77.00	0.7700	1.1351	0.35
		78	2.886	3.748	77.00	0.7700	1.1351	0.35
$\pi/4$ DQPSK	2-DH5	0	2.890	3.748	77.11	0.7711	1.1289	0.35
		39	2.890	3.748	77.11	0.7711	1.1289	0.35
		78	2.892	3.748	77.16	0.7716	1.1261	0.35
8DPSK	3-DH5	0	2.892	3.746	77.20	0.7720	1.1238	0.35
		39	2.894	3.748	77.21	0.7721	1.1233	0.35
		78	2.892	3.748	77.16	0.7716	1.1261	0.35

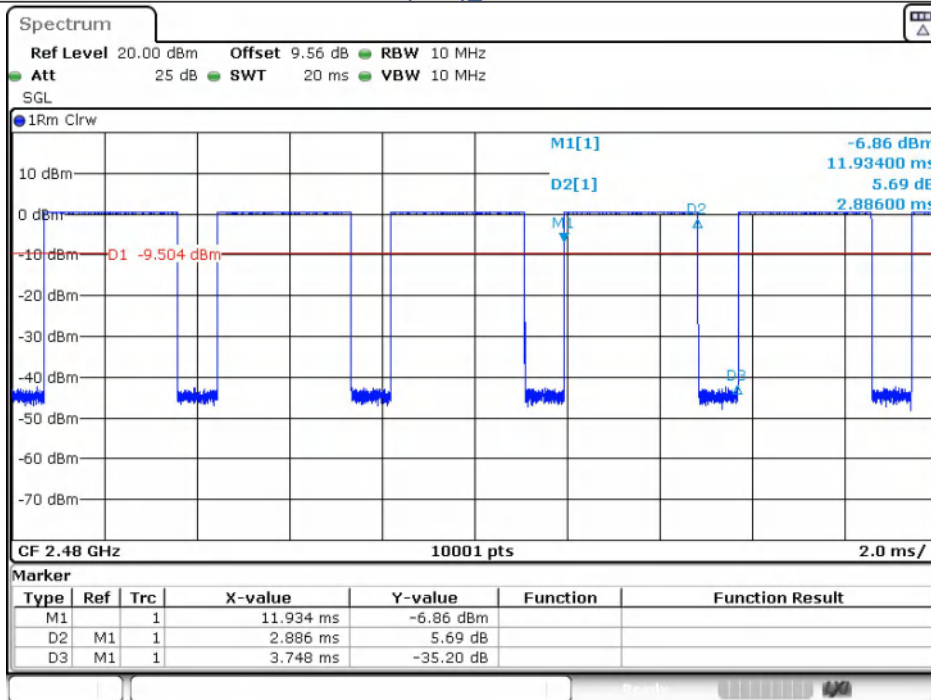
Test Graphs





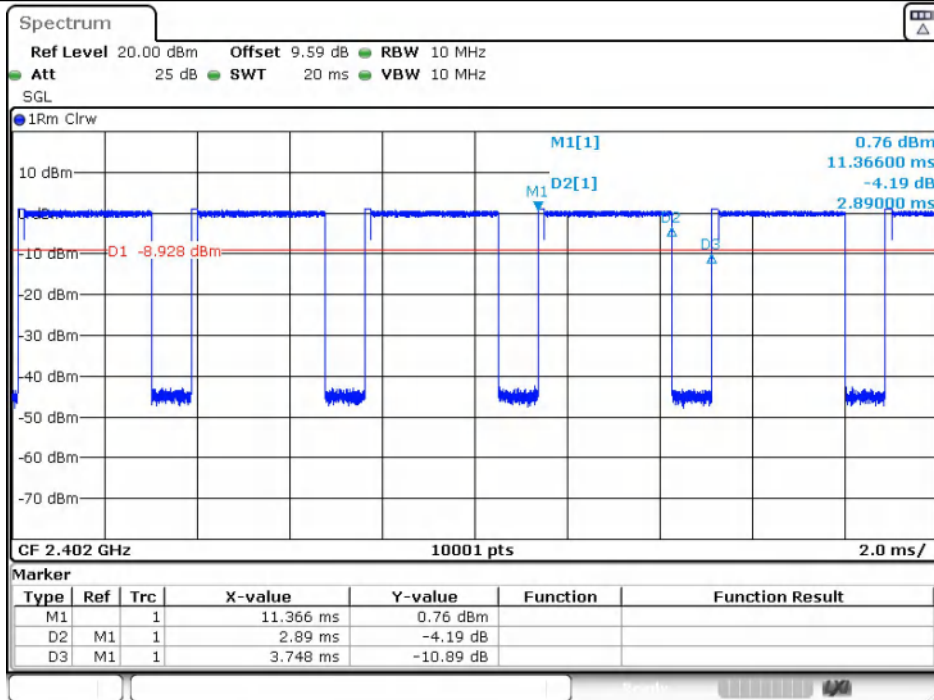
Date: 30.MAY.2024 23:53:57

GFSK(DH5)_Channel 39



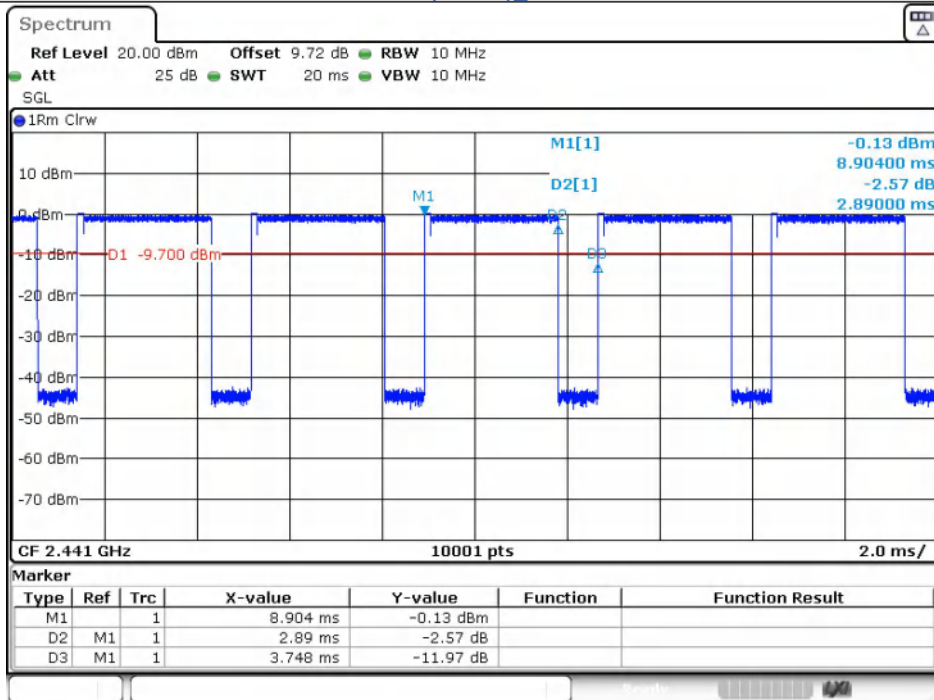
Date: 30.MAY.2024 23:55:59

GFSK(DH5)_Channel 78



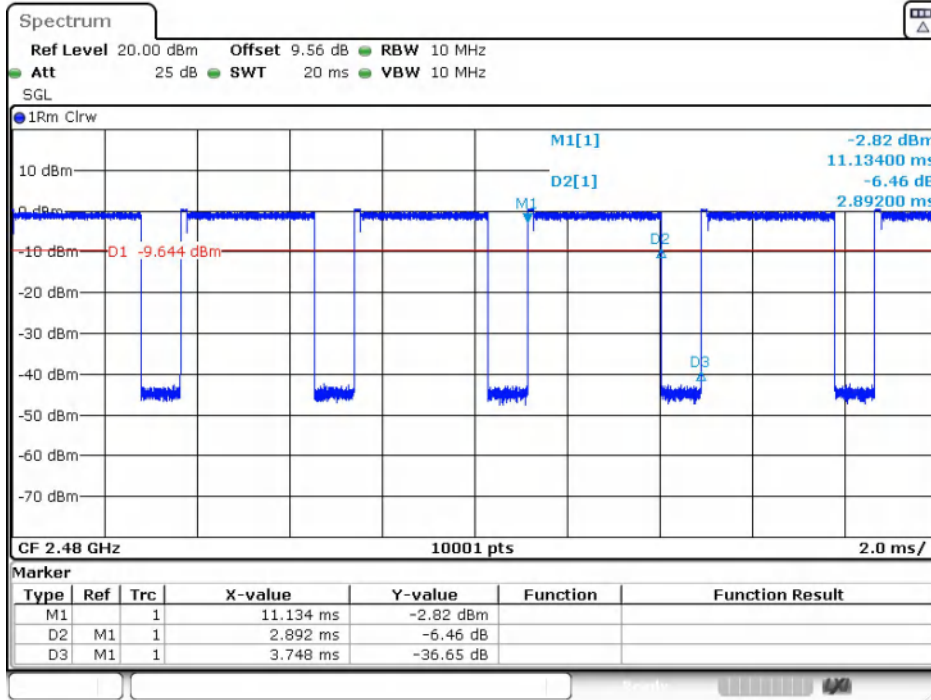
Date: 30.MAY.2024 23:59:59

$\pi/4$ DQPSK(2-DH5)_Channel 0



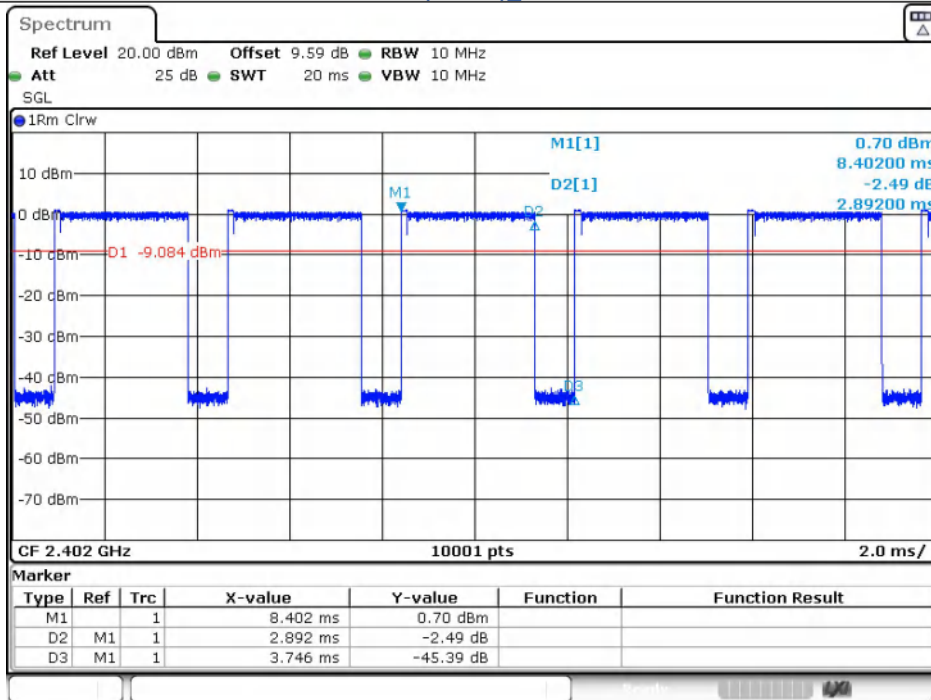
Date: 31.MAY.2024 00:28:30

$\pi/4$ DQPSK(2-DH5)_Channel 39



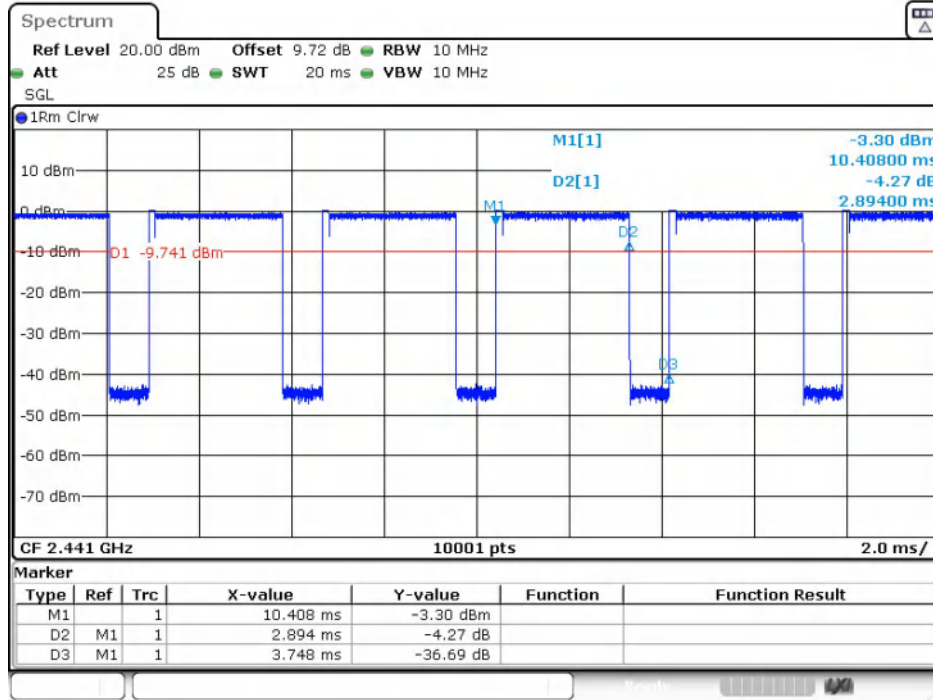
Date: 31.MAY.2024 00:30:49

$\pi/4$ DQPSK(2-DH5)_Channel 78



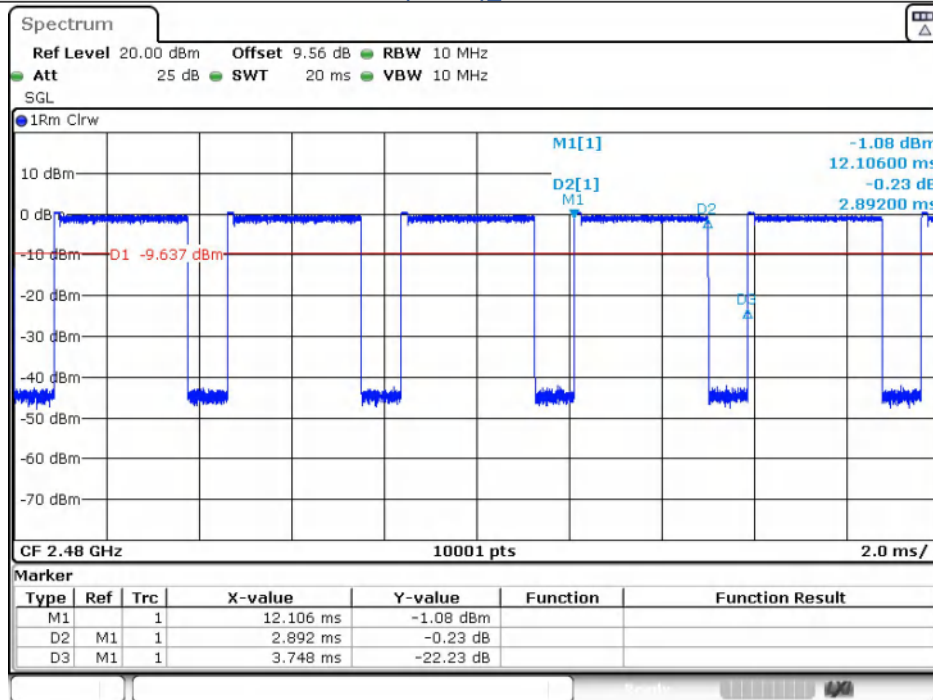
Date: 31.MAY.2024 00:34:51

8DPSK(3-DH5)_Channel 0



Date: 31.MAY.2024 00:47:22

8DPSK(3-DH5)_Channel 39



Date: 31.MAY.2024 00:50:57

8DPSK(3-DH5)_Channel 78

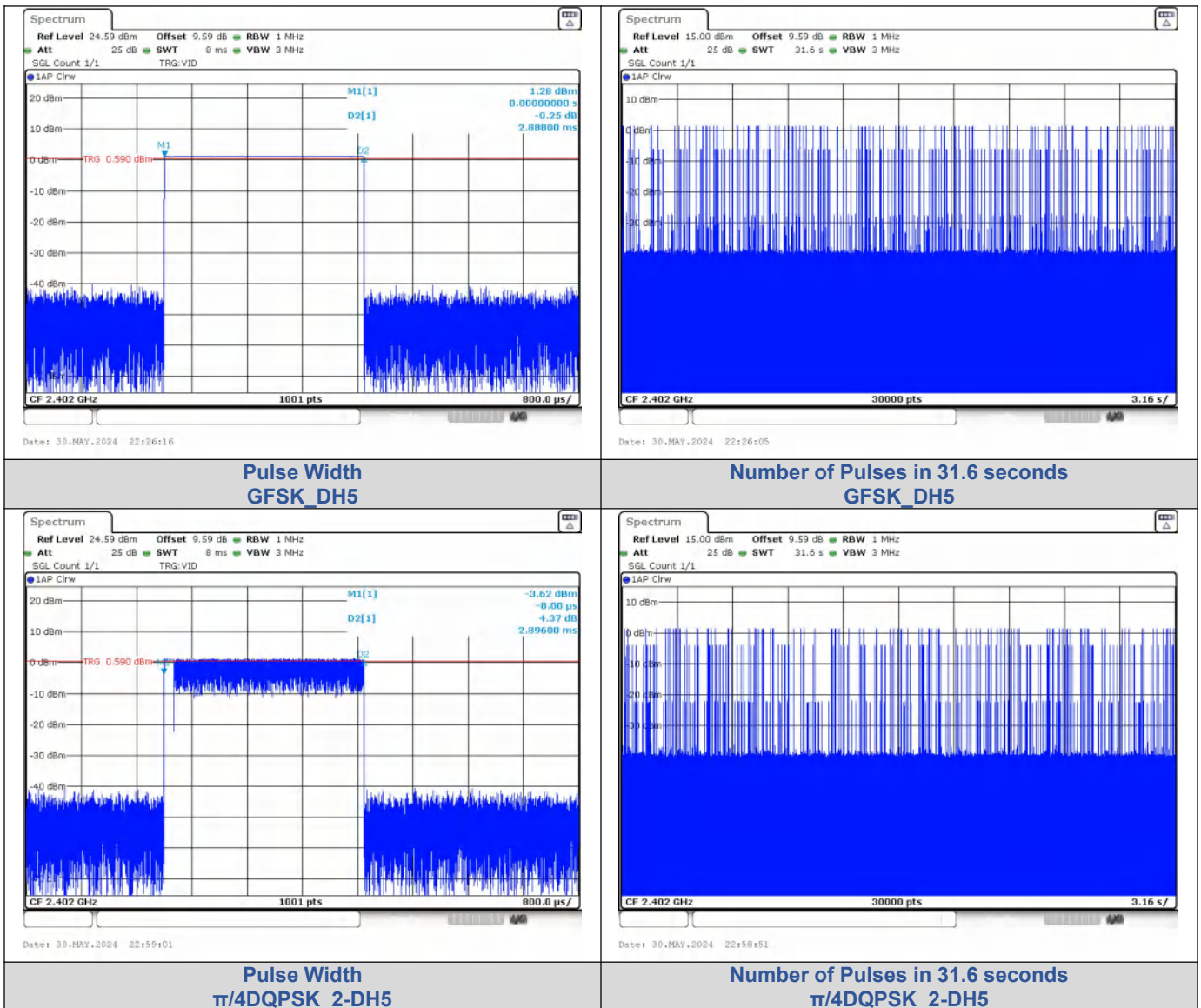
Dwell Time

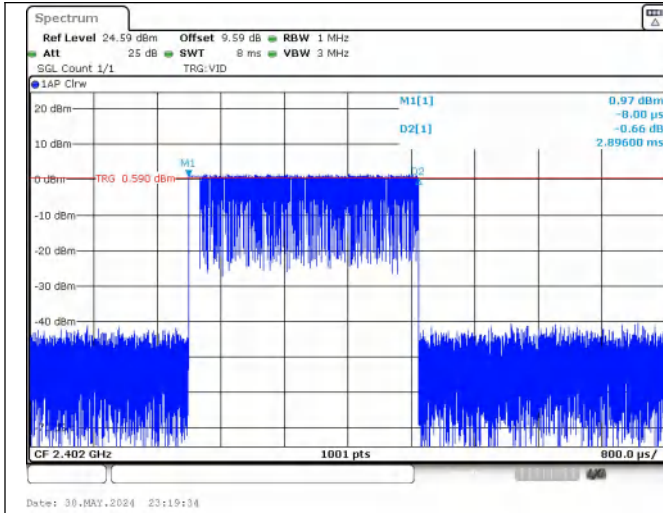
Left

Test Result

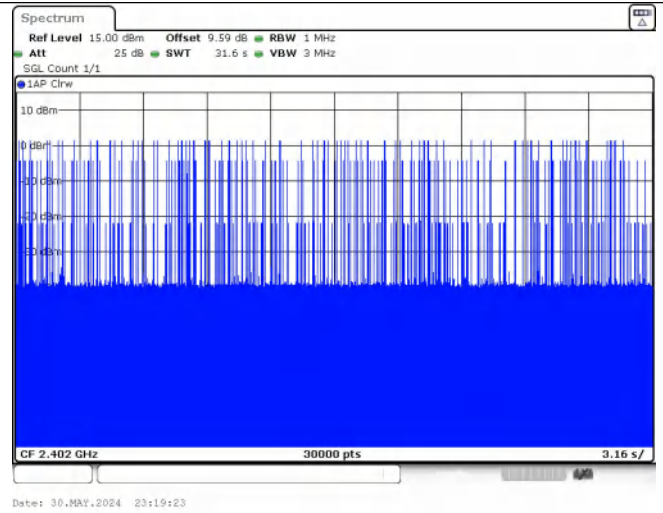
Modulation	Packet	Channel	Pulse Width (ms)	Number of Pulses in 31.6 seconds	Dwell Time (ms)	Limit (ms)	Result
GFSK	DH5	CH0 (2402MHz)	2.888	107	309.02	< 400	PASS
$\pi/4$ DQPSK	2-DH5		2.896	100	289.6		PASS
8DPSK	3-DH5		2.896	89	257.74		PASS

Test Graphs





**Pulse Width
8DPSK_3-DH5**



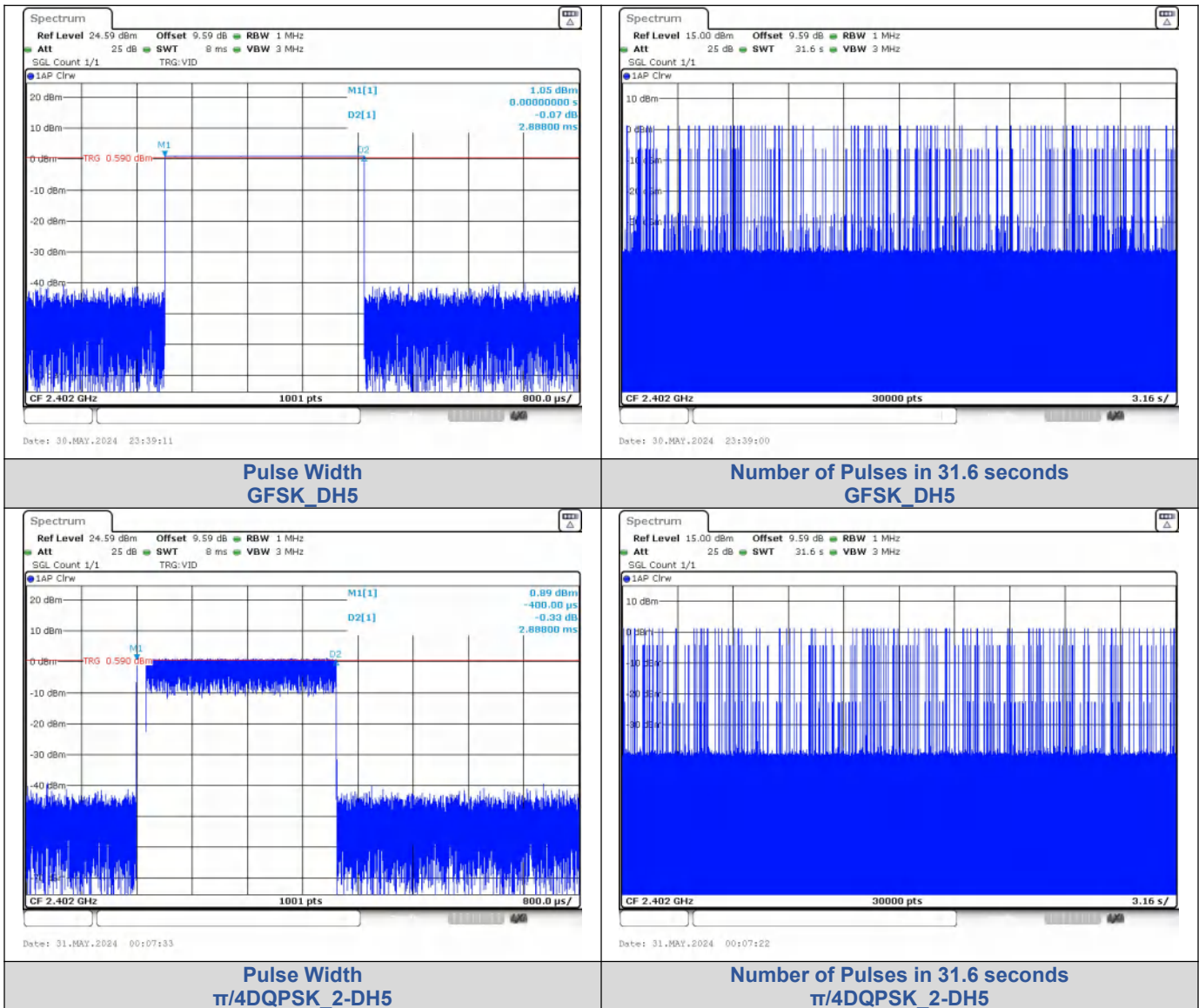
**Number of Pulses in 31.6 seconds
8DPSK_3-DH5**

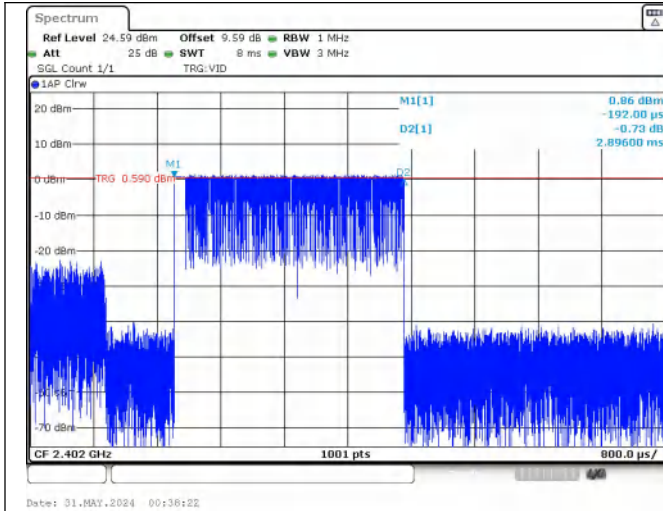
Right

Test Result

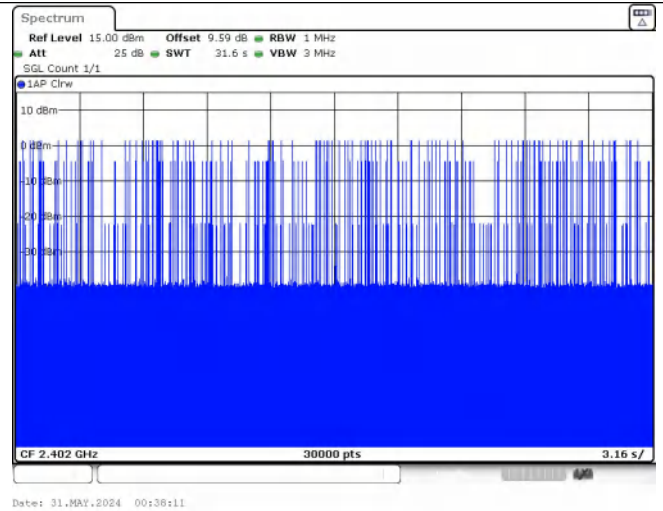
Modulation	Packet	Channel	Pulse Width (ms)	Number of Pulses in 31.6 seconds	Dwell Time (ms)	Limit (ms)	Result
GFSK	DH5	CH0 (2402MHz)	2.888	110	317.68	< 400	PASS
$\pi/4$ DQPSK	2-DH5		2.888	108	311.9		PASS
8DPSK	3-DH5		2.896	108	312.77		PASS

Test Graphs





**Pulse Width
8DPSK_3-DH5**



**Number of Pulses in 31.6 seconds
8DPSK_3-DH5**

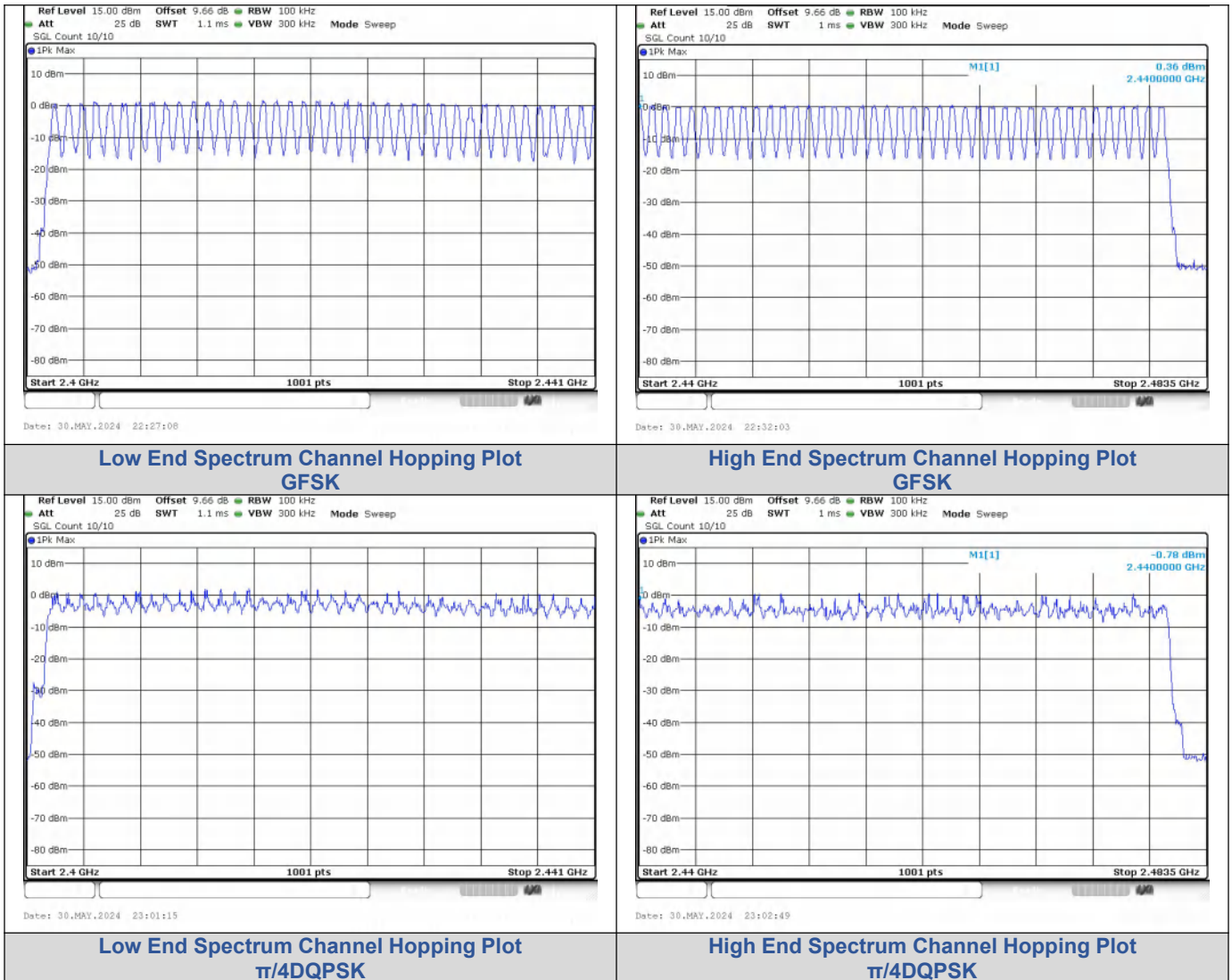
Number Of Hopping Channel

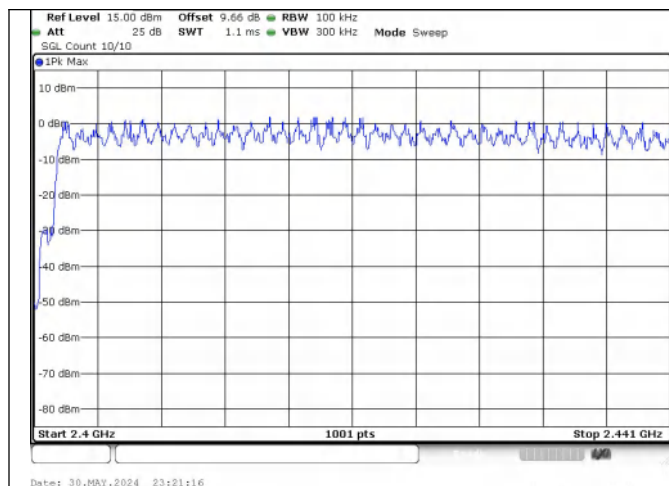
Left

Test Result

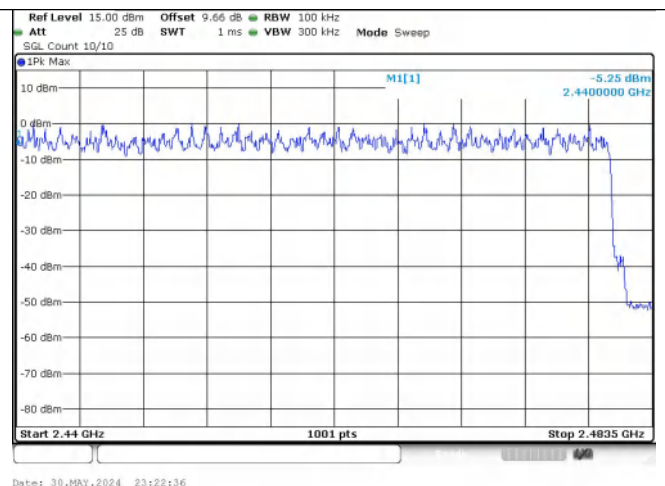
Modulation	Packet	Number of Hopping Channel	Limit	Result
GFSK	DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS

Test Graphs





Low End Spectrum Channel Hopping Plot
8DPSK

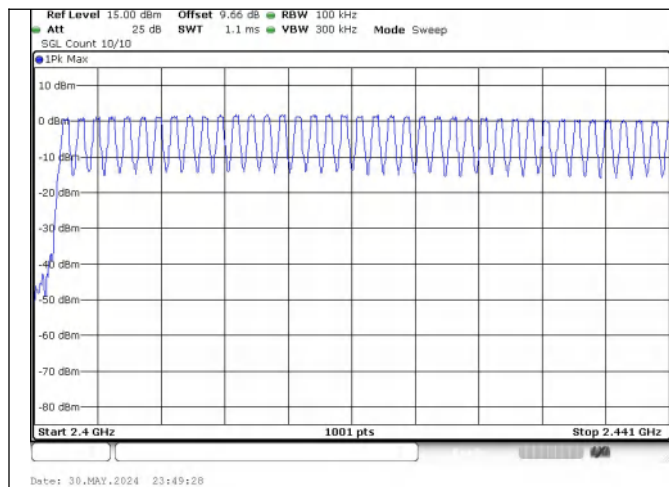


High End Spectrum Channel Hopping Plot
8DPSK

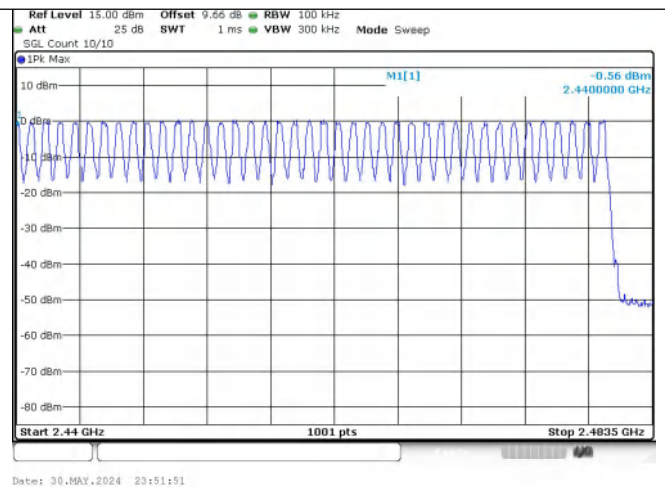
Right Test Result

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

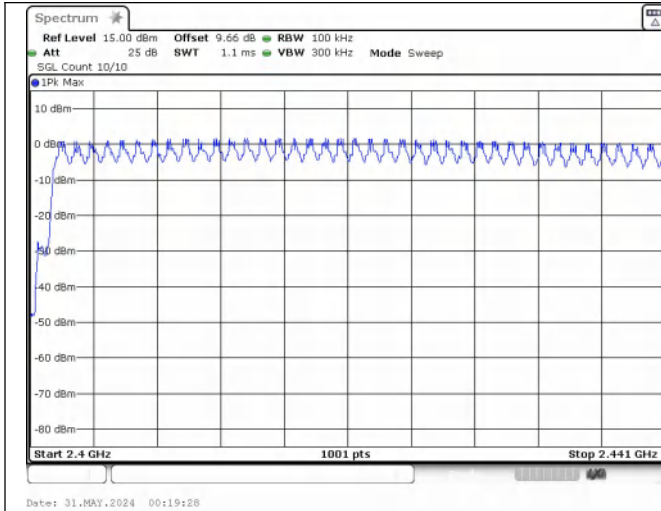
Test Graphs



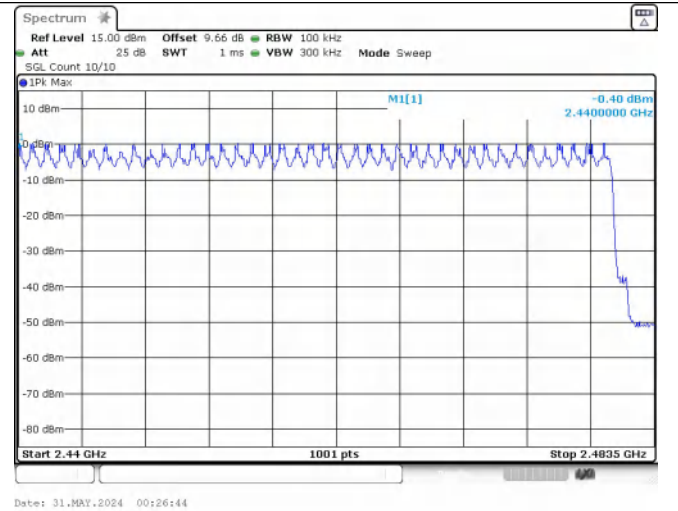
Low End Spectrum Channel Hopping Plot
GFSK



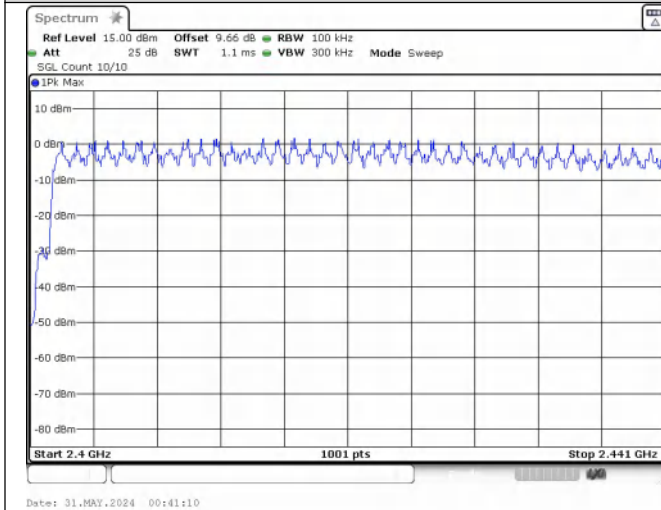
High End Spectrum Channel Hopping Plot
GFSK



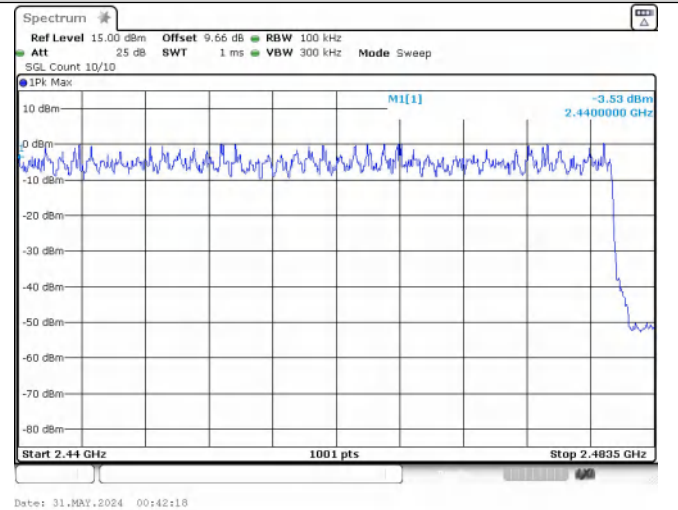
**Low End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK**



**High End Spectrum Channel Hopping Plot
 $\pi/4$ DQPSK**



**Low End Spectrum Channel Hopping Plot
8DPSK**



**High End Spectrum Channel Hopping Plot
8DPSK**