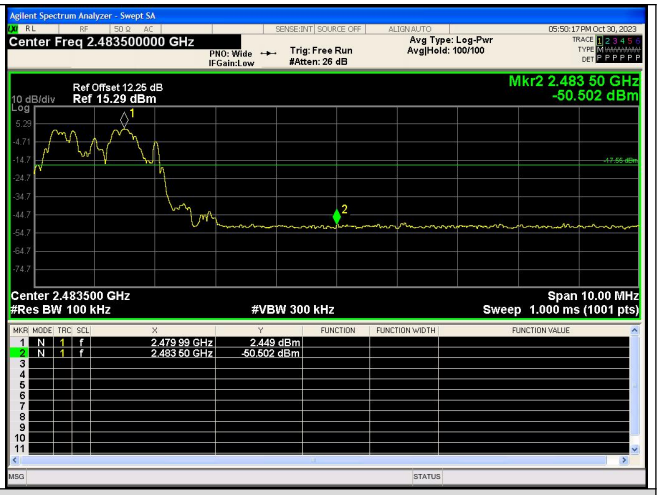
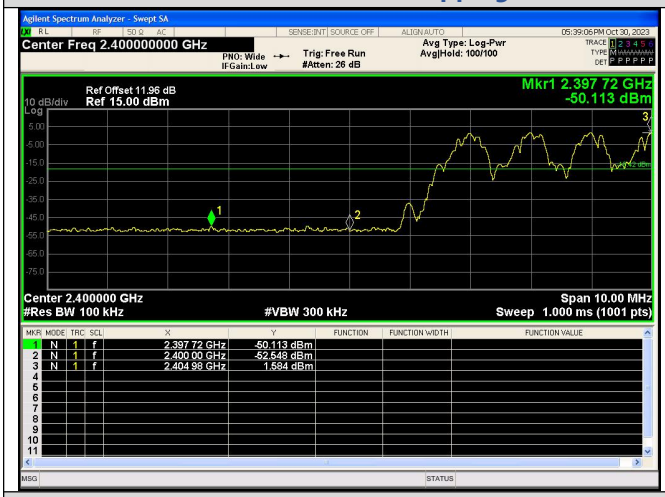
Out Of Band Emission(Right)

GFSK_DH5_Channel Hopping



Out Of Band Emission(Right)

π/4DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Left)

GFSK_DH5_Channel Hopping

Out Of Band Emission(Left)

π/4DQPSK_2-DH5_Channel Hopping

Out Of Band Emission(Right)

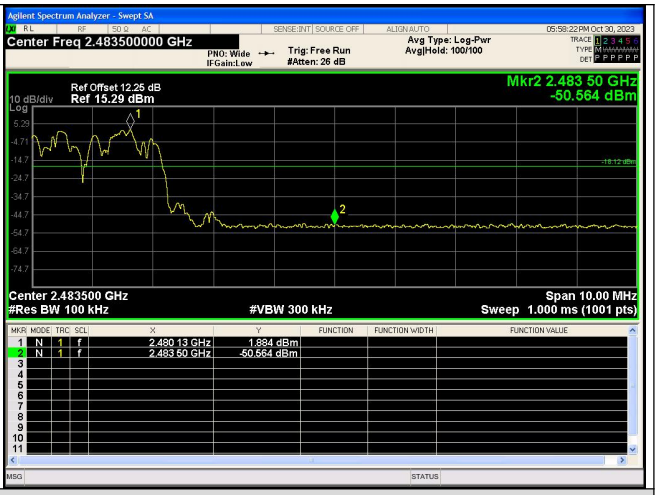
GFSK_DH5_Channel Hopping

Out Of Band Emission(Right)

π/4DQPSK_2-DH5_Channel Hopping

Out Of Band Emission(Left)

8DPSK_3-DH5_Channel Hopping

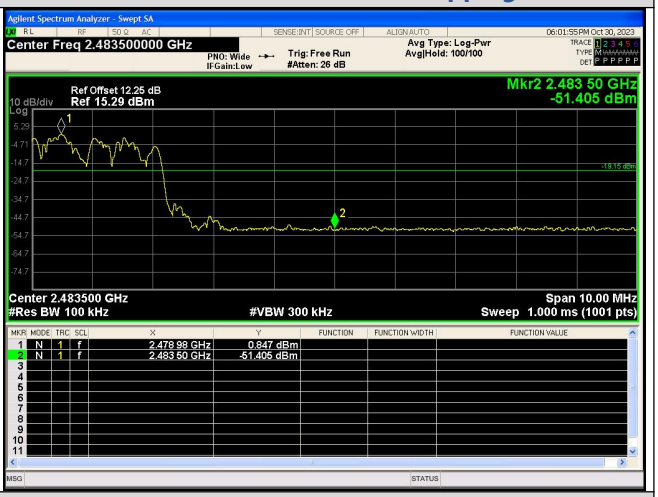


Out Of Band Emission(Right)

8DPSK_3-DH5_Channel Hopping

Out Of Band Emission(Left)

8DPSK_3-DH5_Channel Hopping

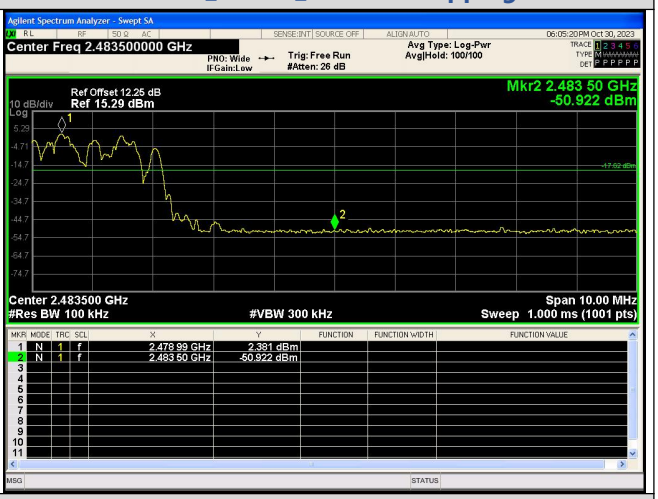


Out Of Band Emission(Right)

8DPSK_3-DH5_Channel Hopping

Out Of Band Emission(Left)

8DPSK_3-DH5_Channel Hopping



Out Of Band Emission(Right)

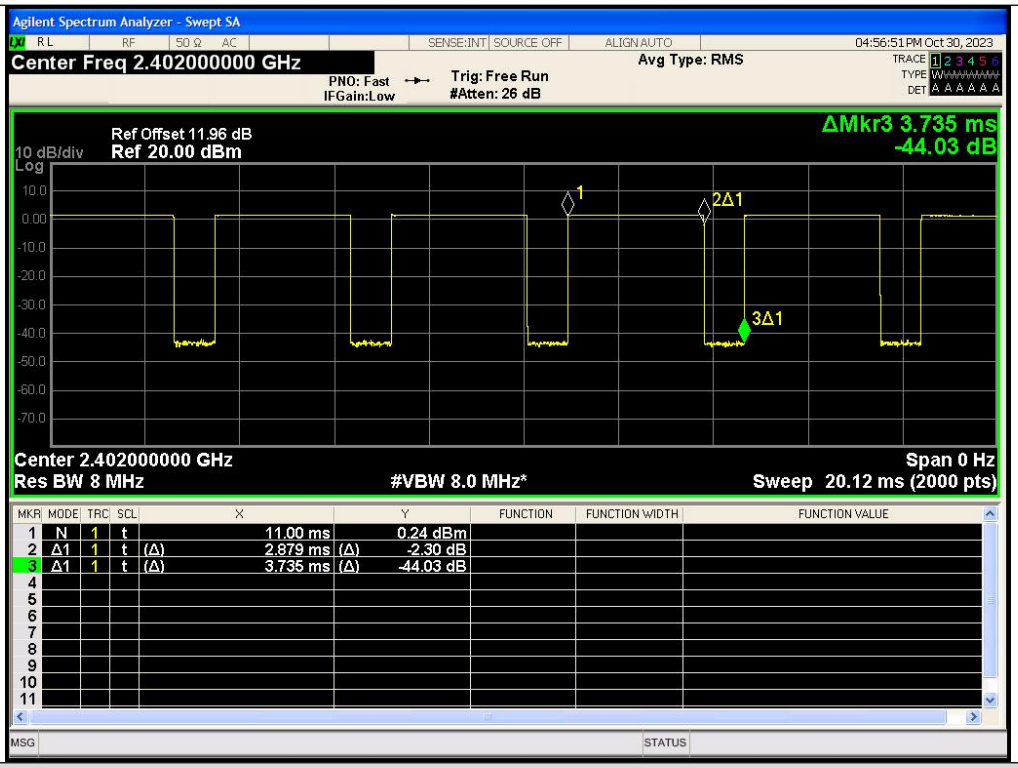
8DPSK_3-DH5_Channel Hopping

APPENDIX VI. Duty Cycle

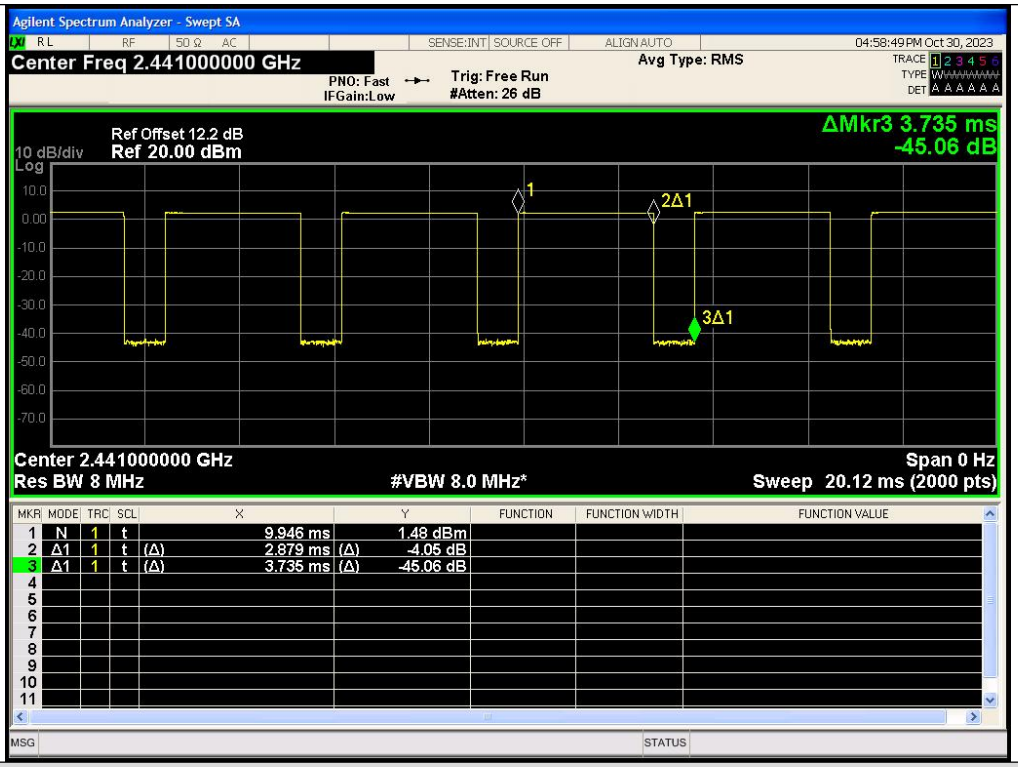
Test Result

Modulation	Packets	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
GFSK	DH5	0	2.879	3.735	77.09	0.7709	1.13
		39	2.879	3.735	77.09	0.7709	1.13
		78	2.879	3.735	77.09	0.7709	1.13
π/4DQPSK	2-DH5	0	2.889	3.745	77.15	0.7715	1.1266
		39	2.889	3.745	77.15	0.7715	1.1266
		78	2.889	3.745	77.15	0.7715	1.1266
8DPSK	3-DH5	0	2.889	3.735	77.36	0.7736	1.1148
		39	2.879	3.735	77.09	0.7709	1.13
		78	2.889	3.735	77.36	0.7736	1.1148

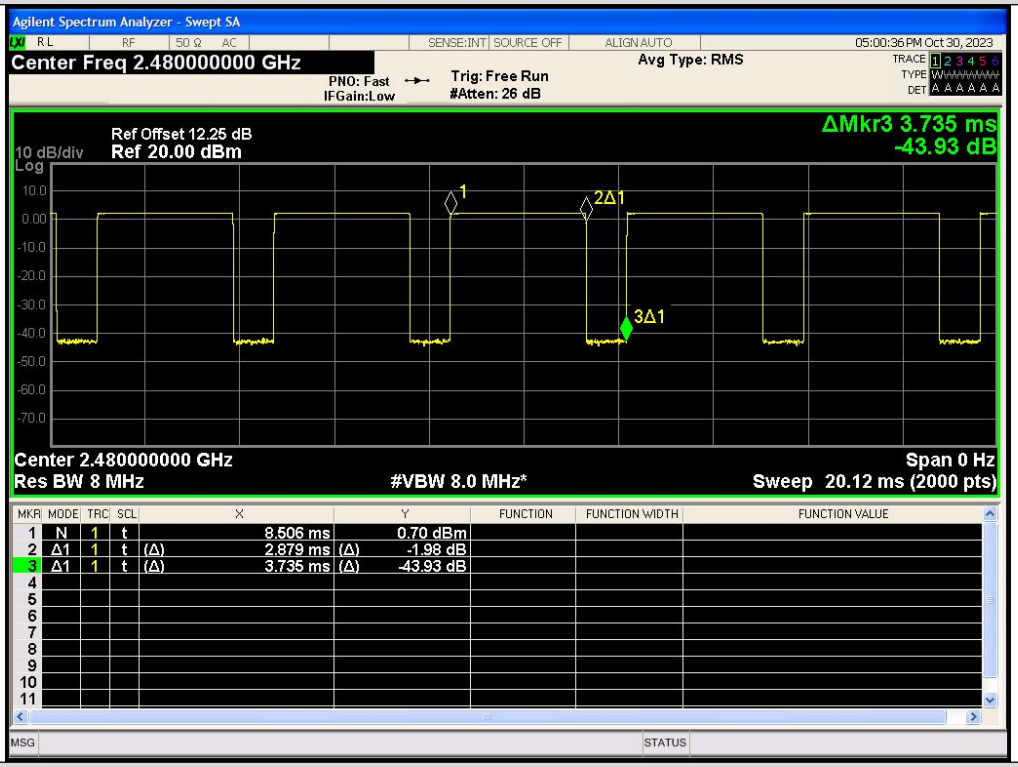
Test Graphs



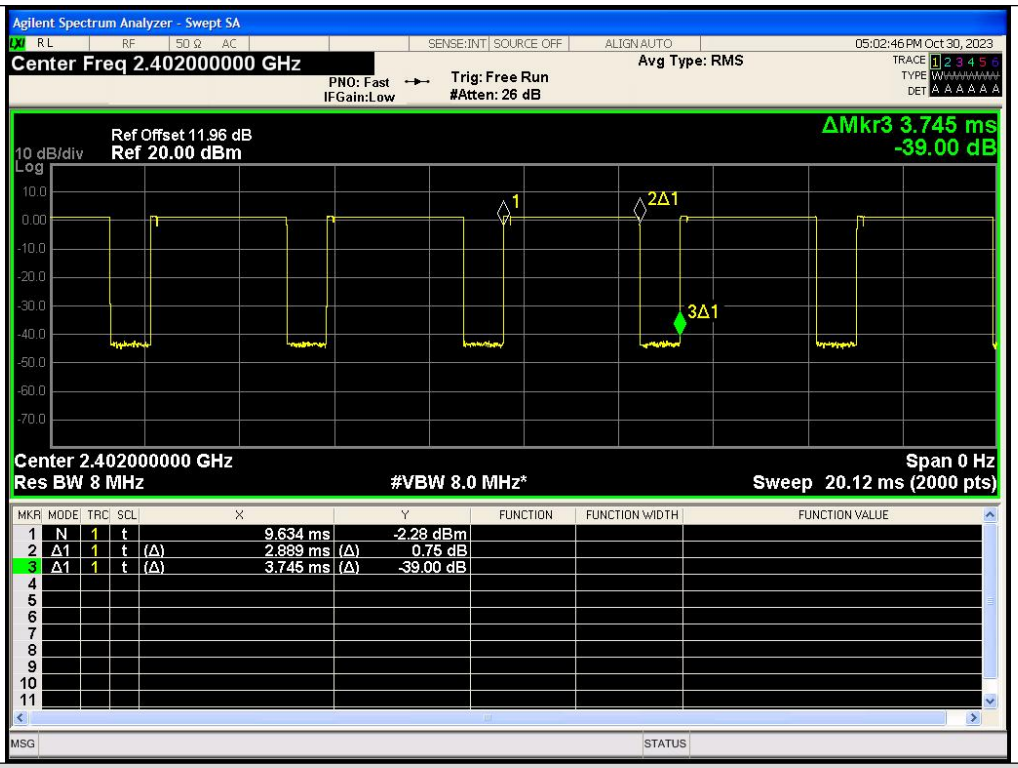
GFSK(DH5)_Channel 0



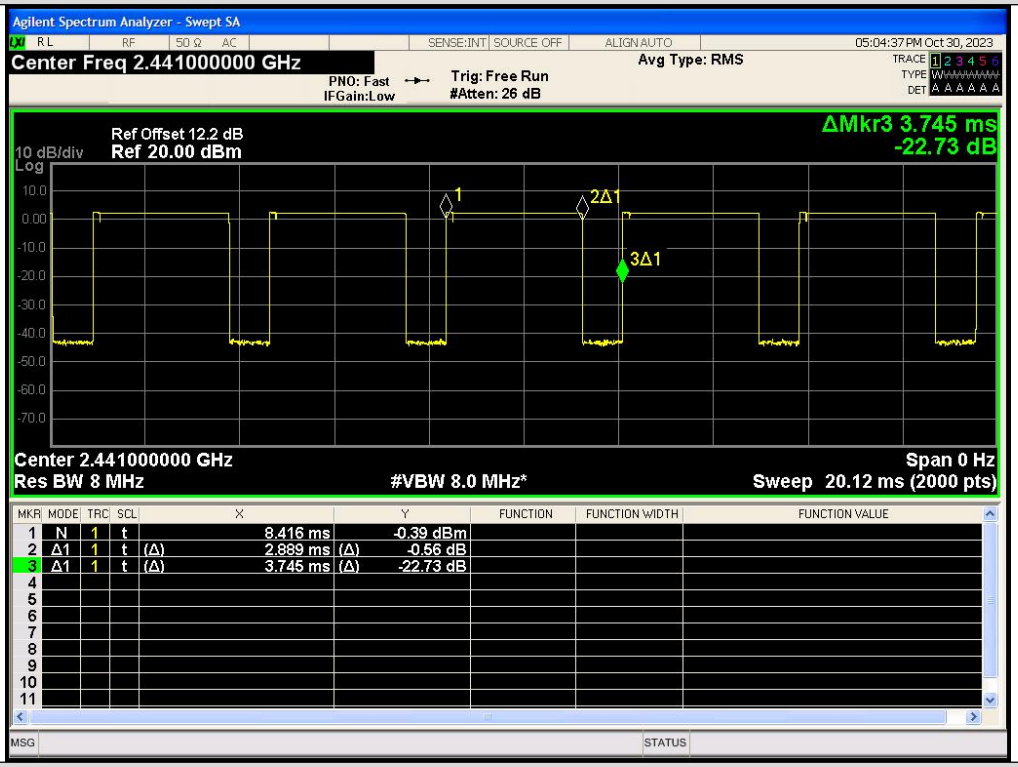
GFSK(DH5)_Channel 39



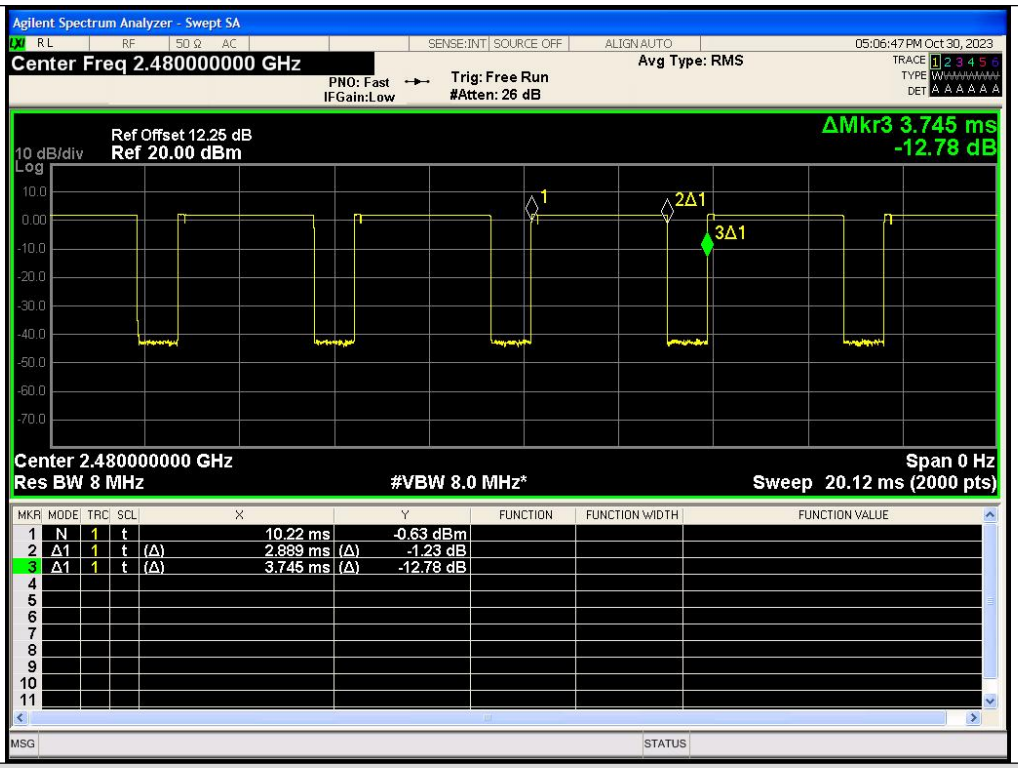
GFSK(DH5)_Channel 78



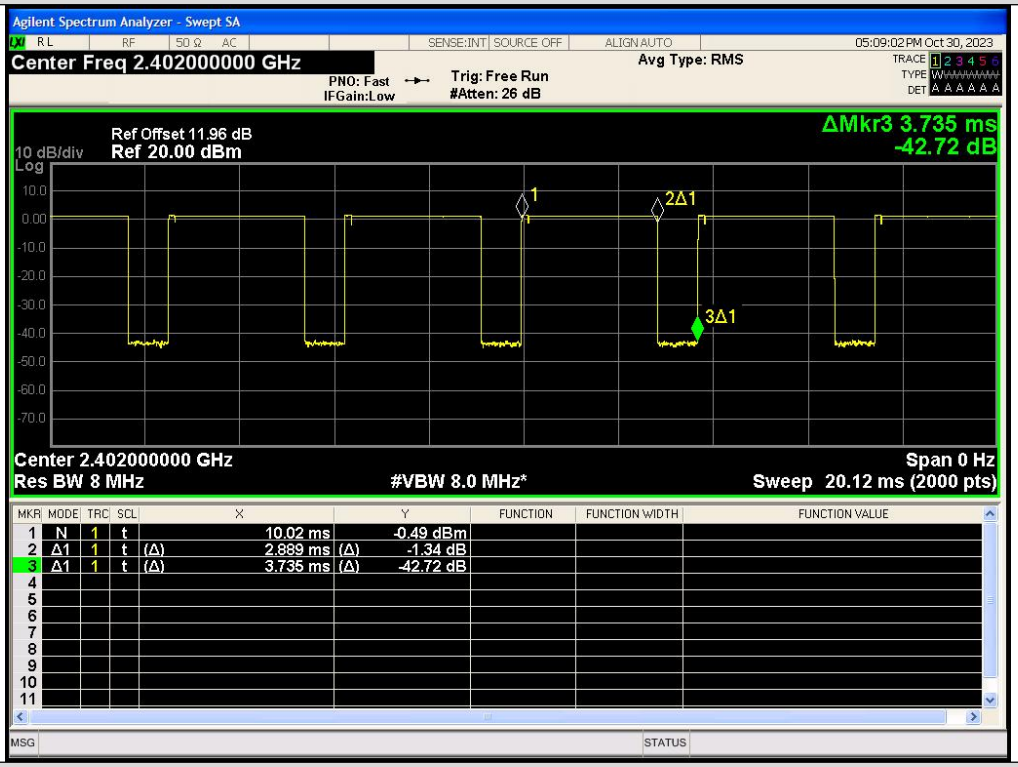
π/4DQPSK(2-DH5)_Channel 0



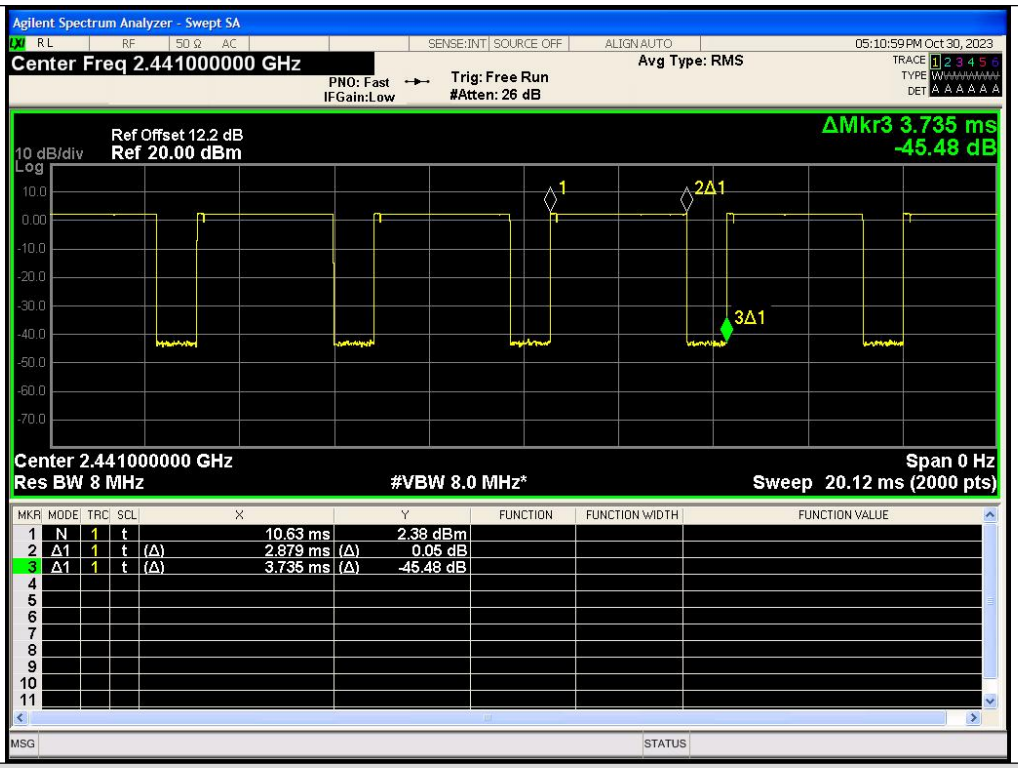
π/4DQPSK(2-DH5)_Channel 39



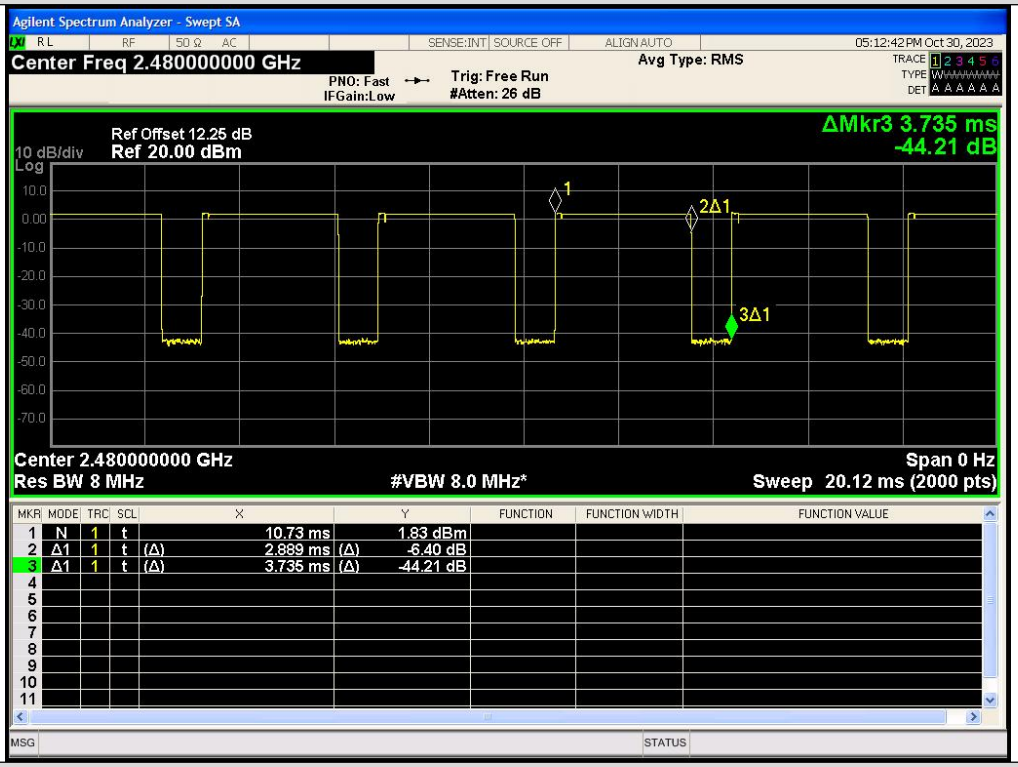
π/4DQPSK(2-DH5)_Channel 78



8DPSK(3-DH5)_Channel 0



8DPSK(3-DH5)_Channel 39



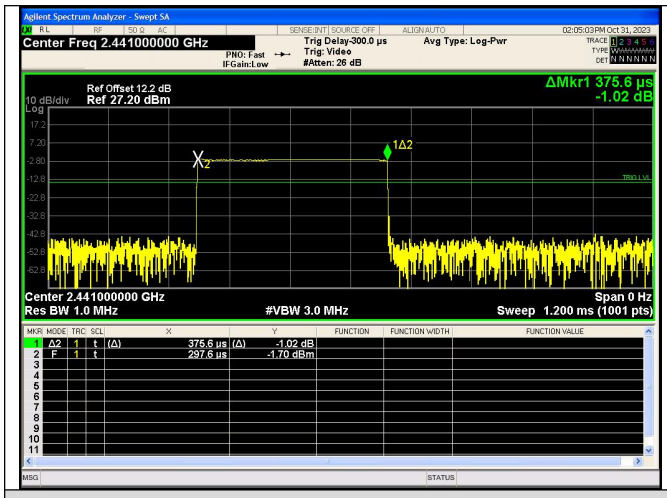
8DPSK(3-DH5)_Channel 78

APPENDIX VII. Dwell Time

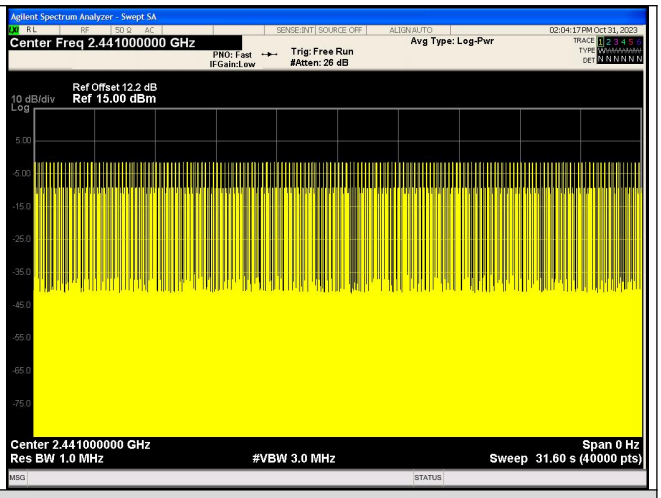
Test Result

Modulation	Packet	Channel	Pulse Width (ms)	Number of Pulses in 31.6 seconds	Dwell Time (ms)	Limit (ms)	Result
GFSK	DH1	CH39 (2441MHz)	0.3756	318	119.44	< 400	PASS
	DH3		1.632	153	249.7		PASS
	DH5		2.880	107	308.16		PASS
π/4DQPSK	2-DH1		0.3888	316	122.86		PASS
	2-DH3		1.632	159	259.49		PASS
	2-DH5		2.000	116	232.0		PASS
8DPSK	3-DH1		0.3888	316	122.86		PASS
	3-DH3		1.632	160	261.12		PASS
	3-DH5		2.896	137	396.75		PASS

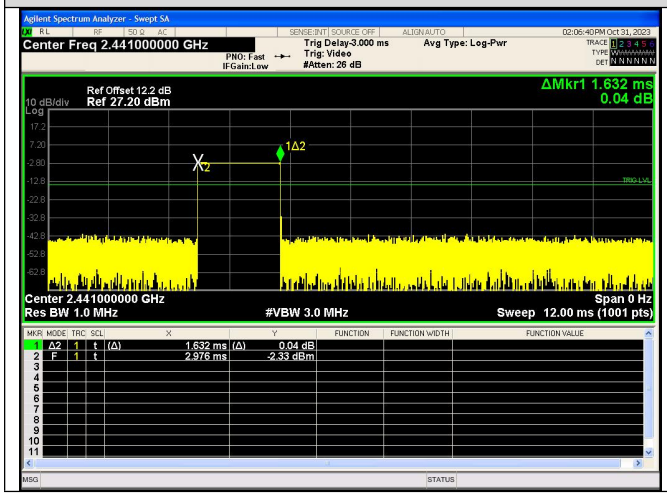
Test Graphs

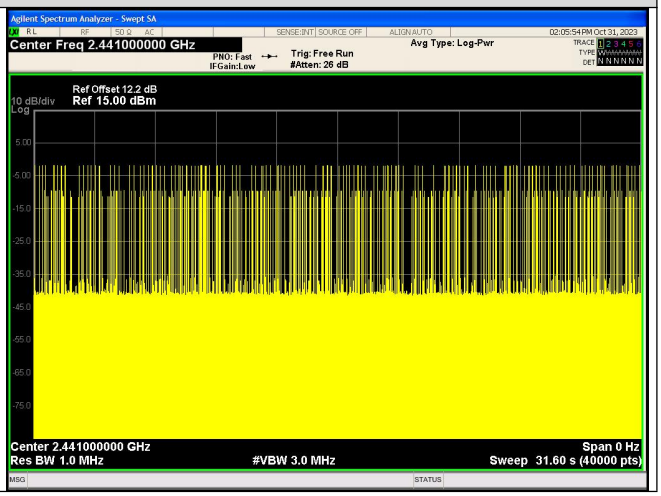


Pulse Width
GFSK_DH1

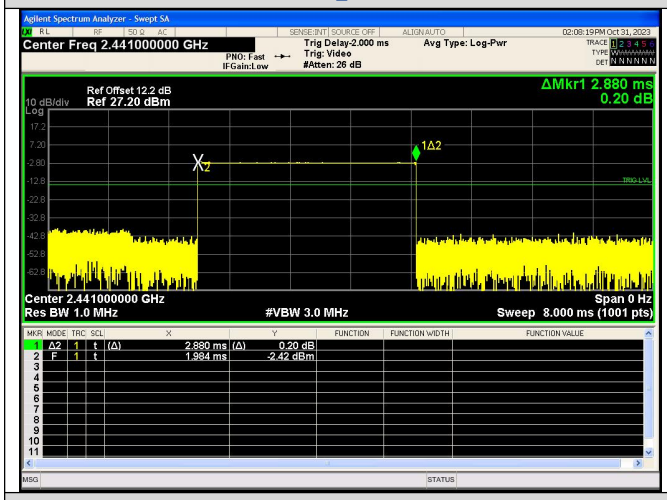


Number of Pulses in 31.6 seconds
GFSK_DH1

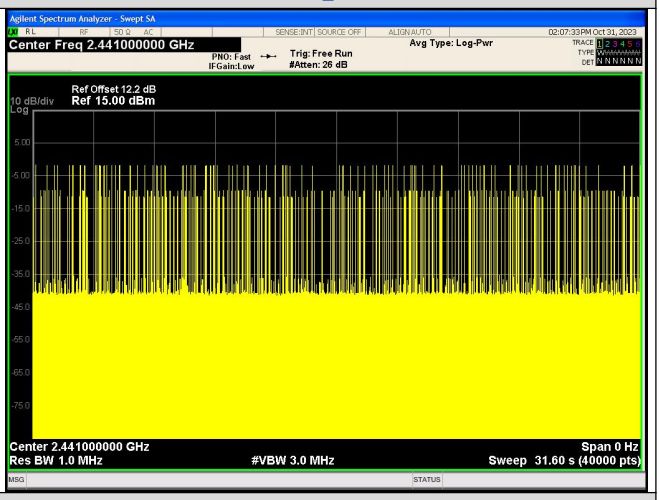




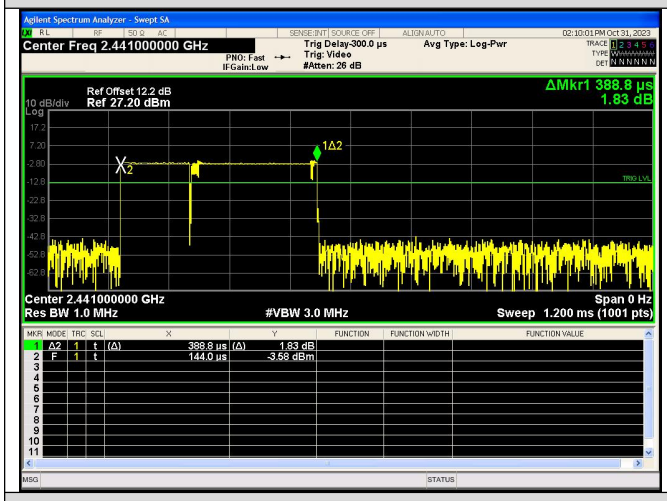
Pulse Width
GFSK_DH3



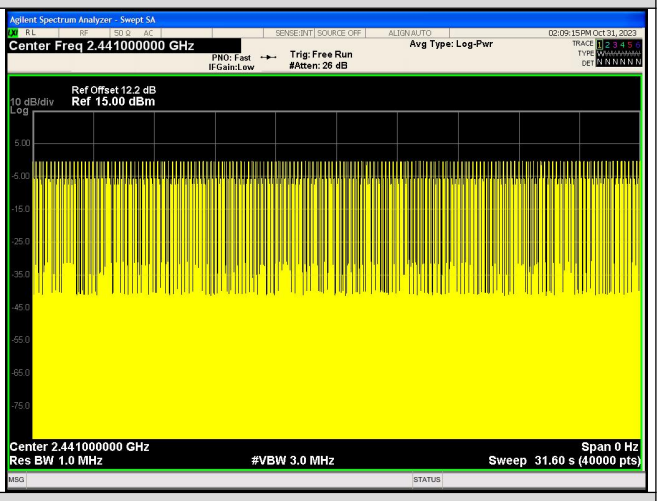
Number of Pulses in 31.6 seconds
GFSK_DH3



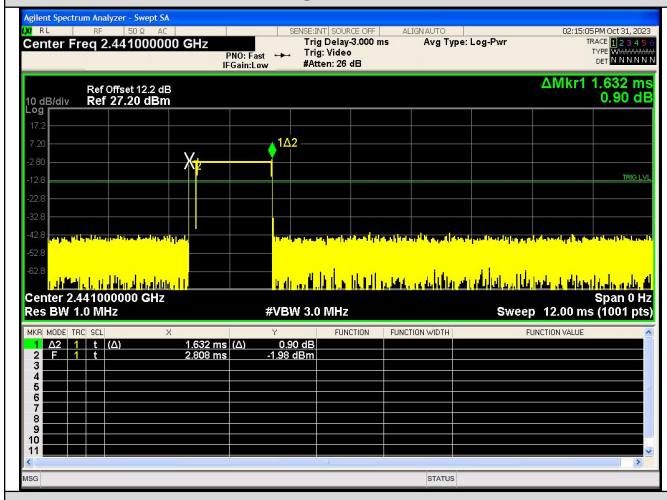
Pulse Width
GFSK_DH5



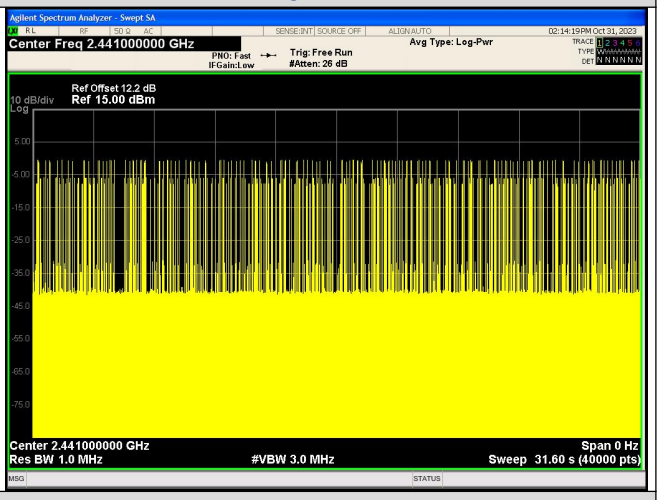
Number of Pulses in 31.6 seconds
GFSK_DH5



Pulse Width
π/4DQPSK_2-DH1



Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH1



Pulse Width
π/4DQPSK_2-DH3

Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH3