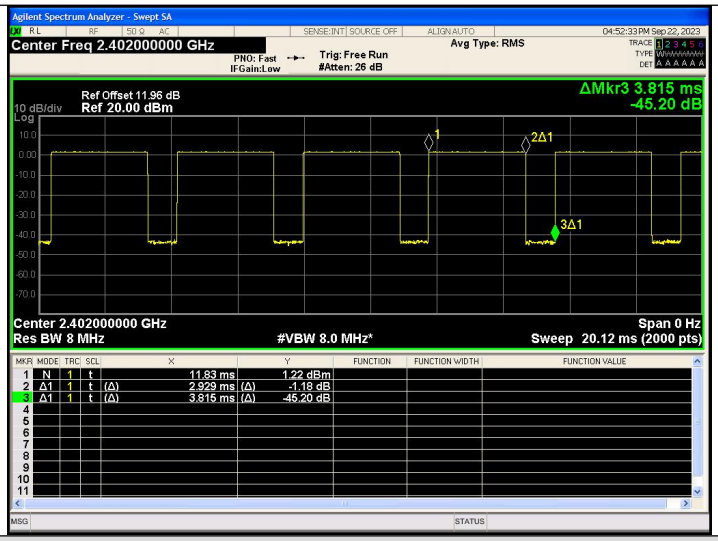
APPENDIX VI. Duty Cycle

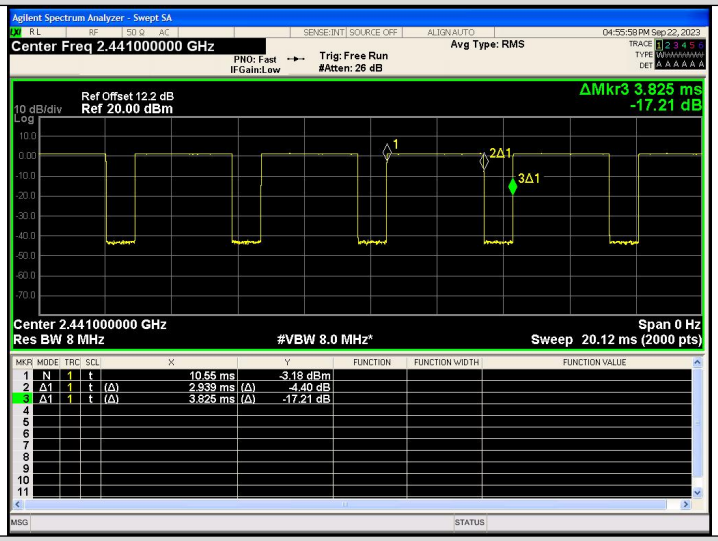
Test Result

Modulation	Packets	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
GFSK	DH5	0	2.929	3.815	76.78	0.7678	1.1475
		39	2.939	3.825	76.84	0.7684	1.1441
		78	2.909	3.795	76.66	0.7666	1.1543
π/4DQPSK	2-DH5	0	2.929	3.825	76.58	0.7658	1.1588
		39	2.939	3.805	77.25	0.7725	1.121
		78	2.909	3.805	76.45	0.7646	1.1657
8DPSK	3-DH5	0	2.919	3.805	76.72	0.7672	1.1509
		39	2.909	3.805	76.45	0.7646	1.1657
		78	2.939	3.815	77.04	0.7704	1.1328

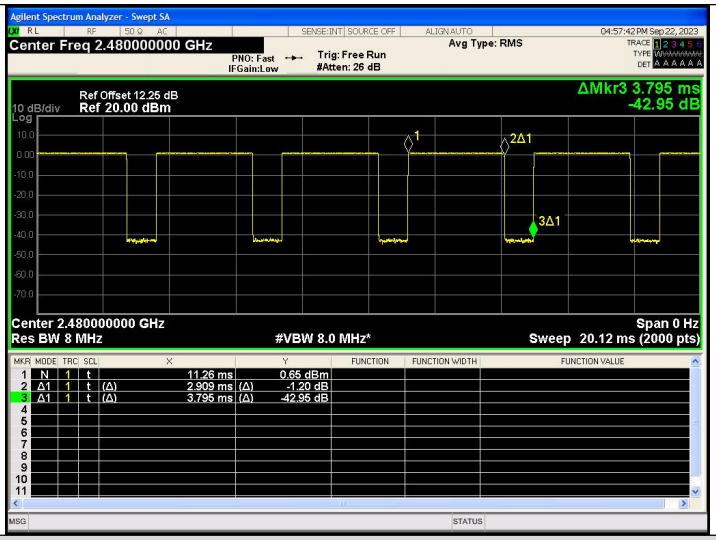
Test Graphs



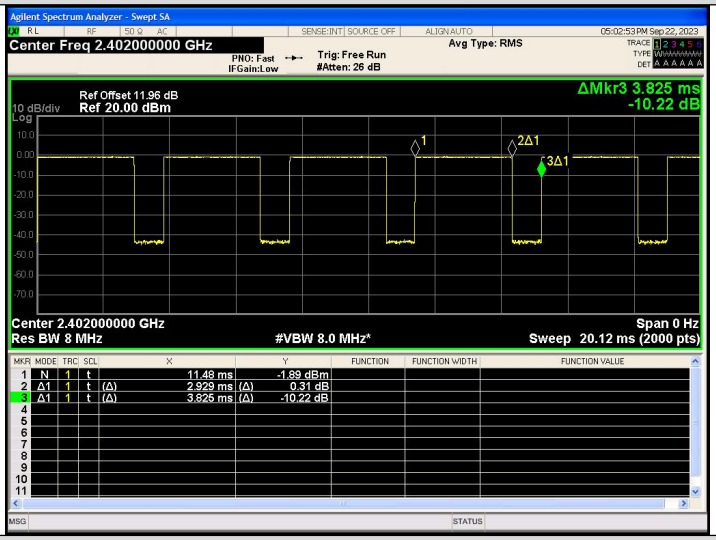
GFSK(DH5)_Channel 0



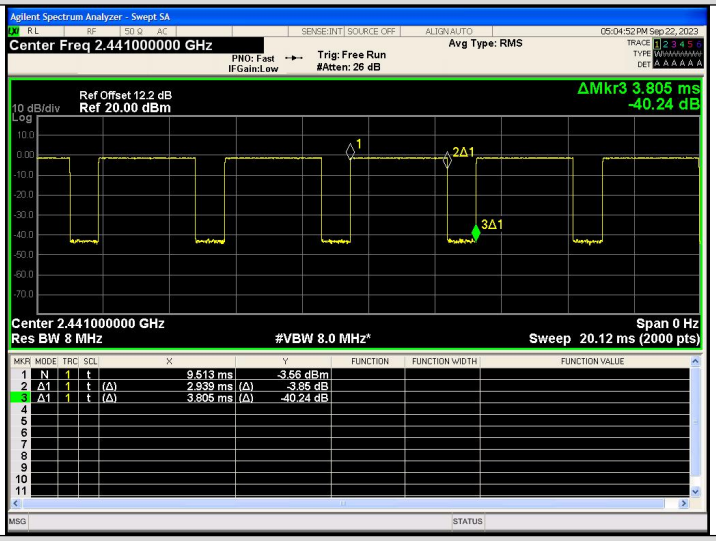
GFSK(DH5)_Channel 39



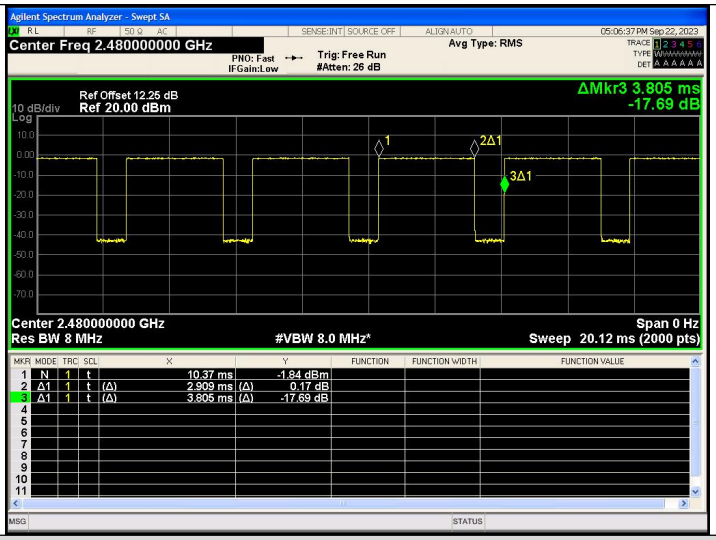
GFSK(DH5)_Channel 78



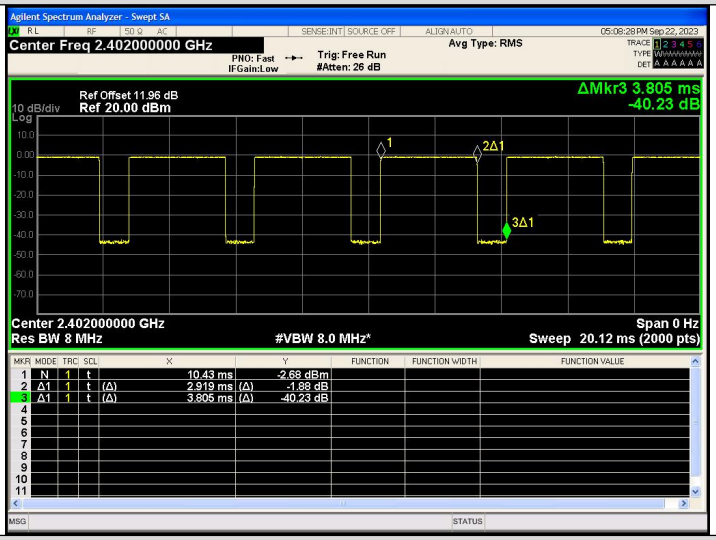
π/4DQPSK(2-DH5)_Channel 0



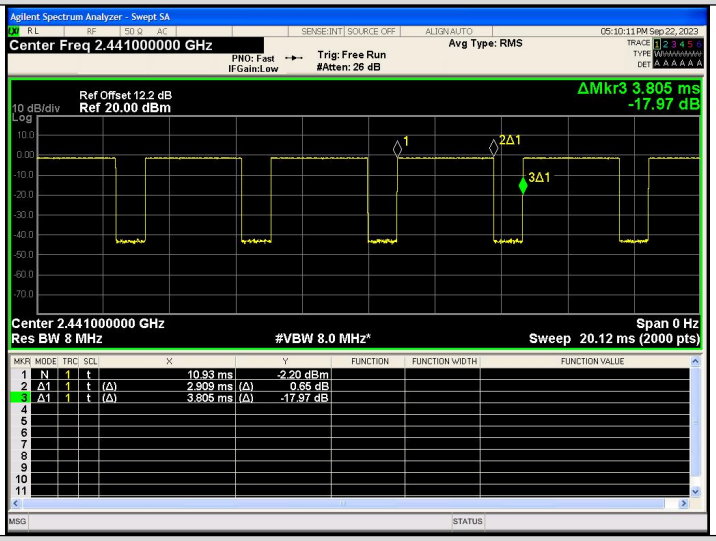
π/4DQPSK(2-DH5)_Channel 39



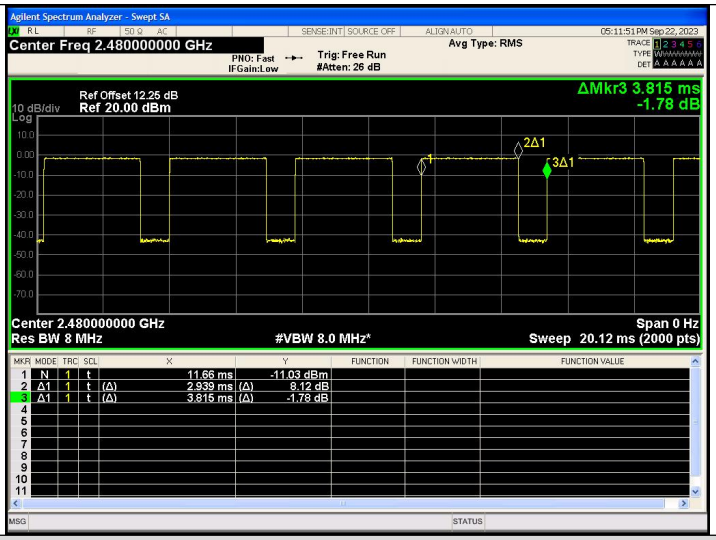
π/4DQPSK(2-DH5)_Channel 78



8DPSK(3-DH5)_Channel 0



8DPSK(3-DH5)_Channel 39



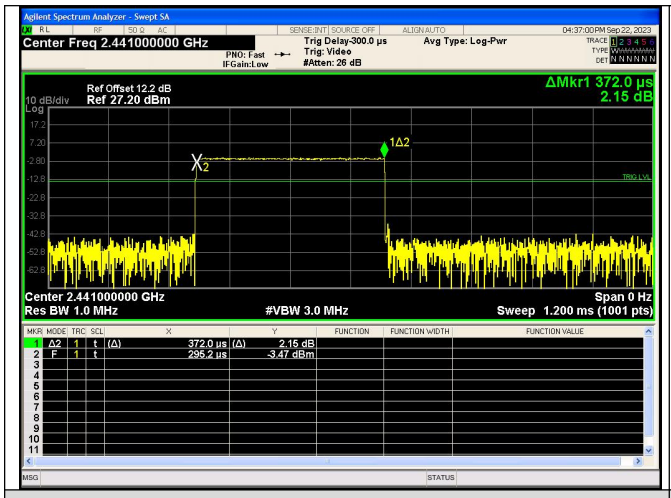
8DPSK(3-DH5)_Channel 78

APPENDIX VII. Dwell Time

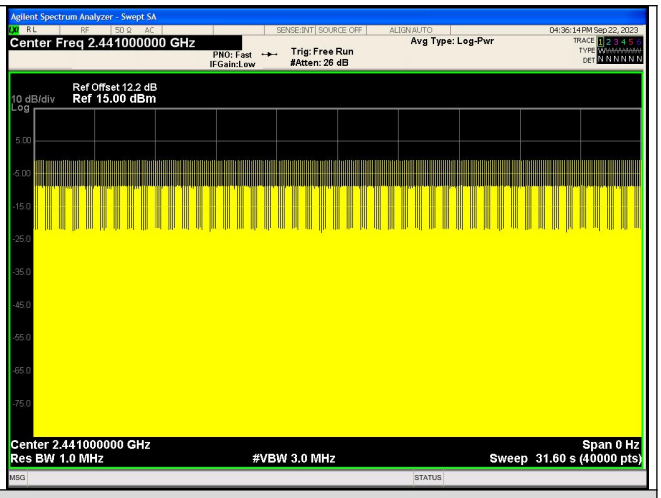
Test Result

Modulation	Packet	Channel	Pulse Width (ms)	Number of Pulses in 31.6 seconds	Dwell Time (ms)	Limit (ms)	Result
GFSK	DH1	CH39 (2441MHz)	0.3720	310	115.32	< 400	PASS
	DH3		1.632	156	254.59		PASS
	DH5		2.928	103	301.58		PASS
π/4DQPSK	2-DH1		0.3720	309	114.95		PASS
	2-DH3		1.632	156	254.59		PASS
	2-DH5		2.928	104	304.51		PASS
8DPSK	3-DH1		0.3696	310	114.58		PASS
	3-DH3		1.656	155	256.68		PASS
	3-DH5		2.928	104	304.51		PASS

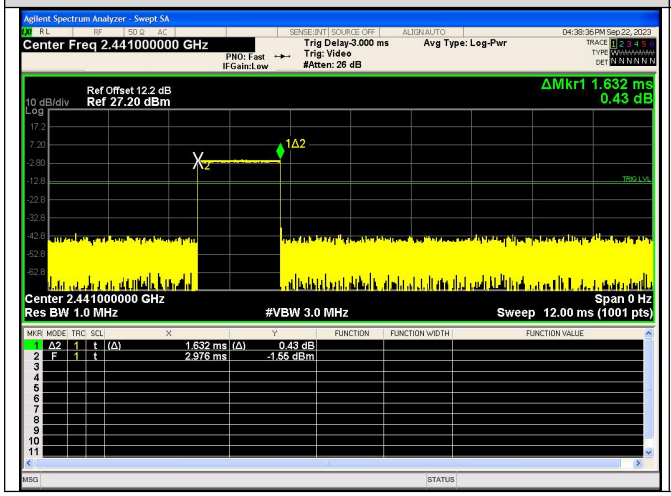
Test Graphs

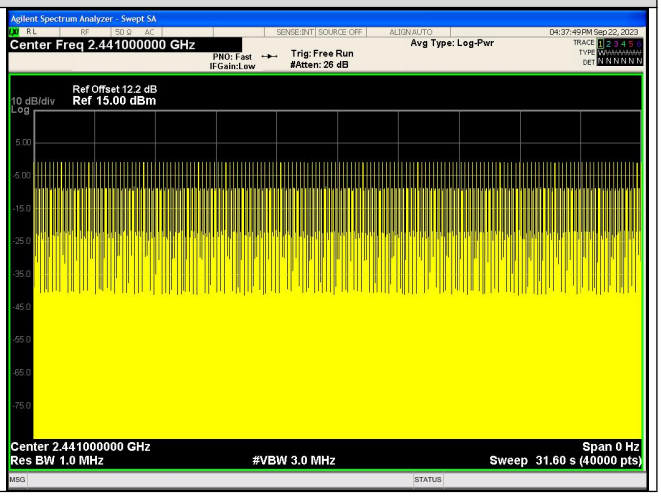


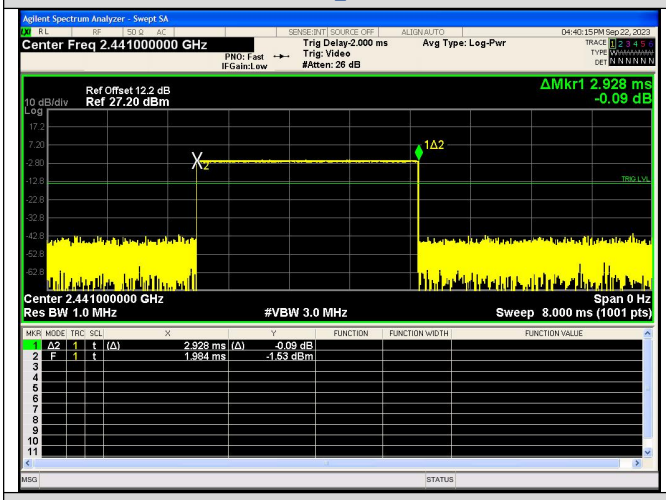
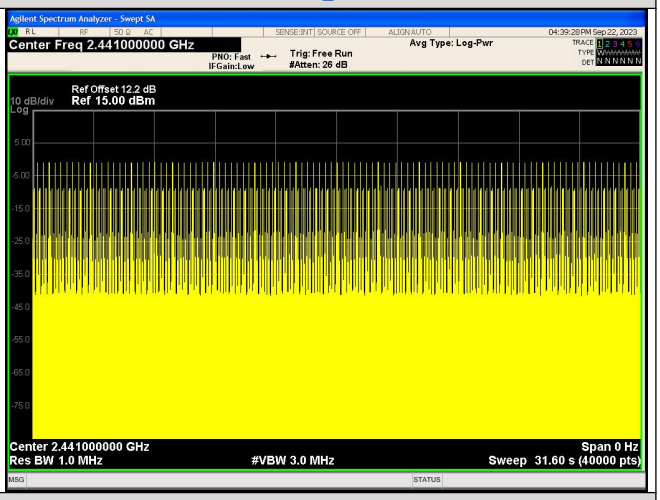
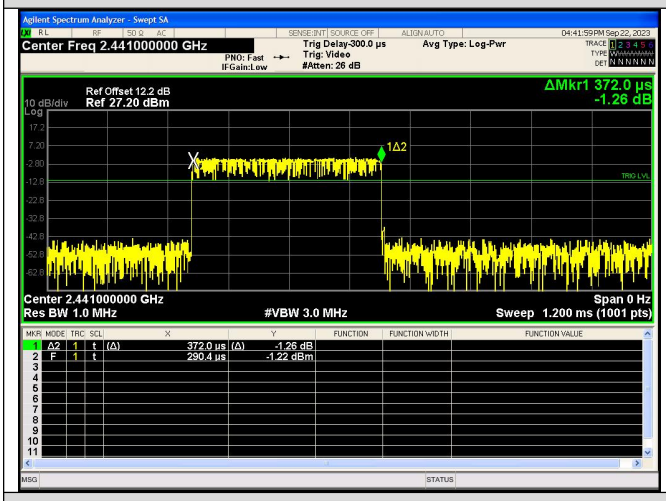
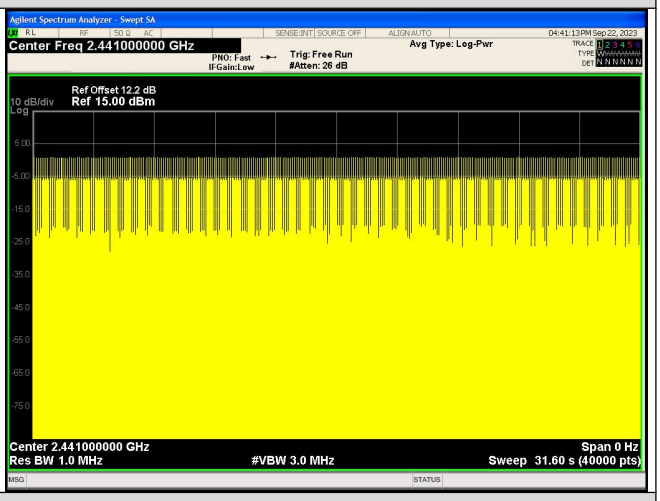
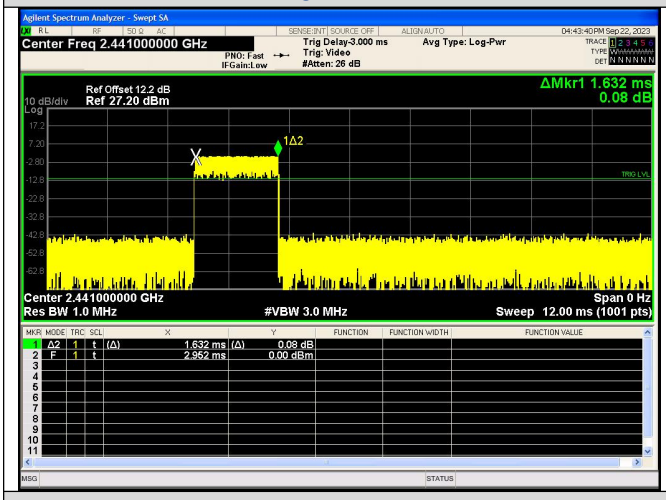
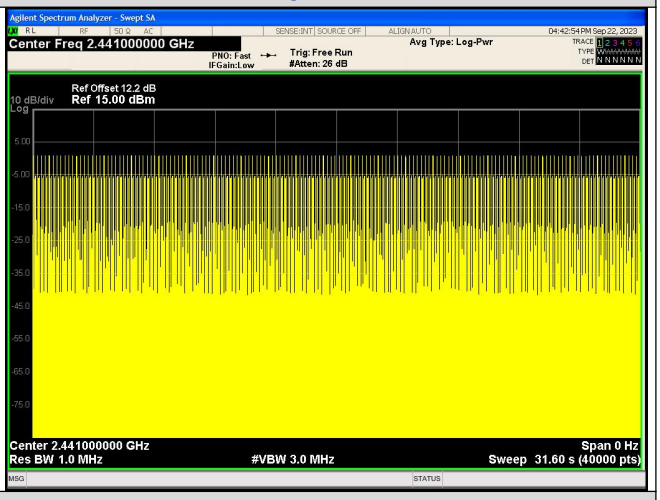
Pulse Width
GFSK_DH1

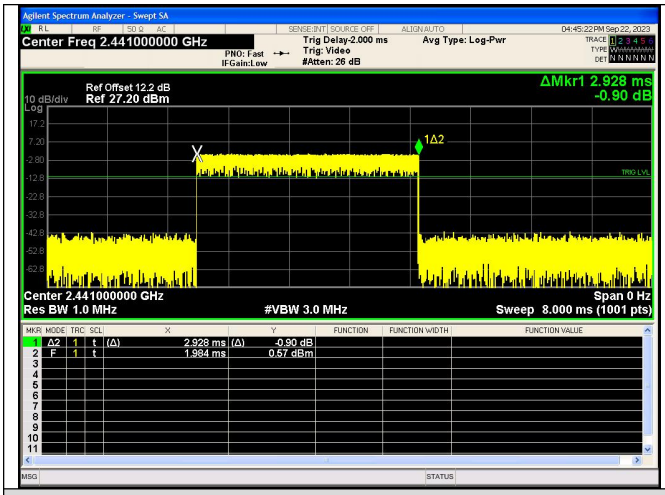


Number of Pulses in 31.6 seconds
GFSK_DH1



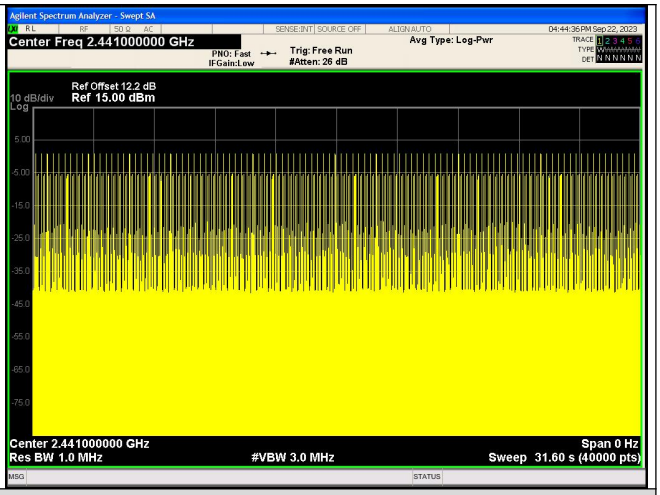


Pulse Width GFSK_DH3	Number of Pulses in 31.6 seconds GFSK_DH3
	
Pulse Width GFSK_DH5	**Number of Pulses in 31.6 seconds GFSK_DH5**
	
Pulse Width π/4DQPSK_2-DH1	**Number of Pulses in 31.6 seconds π/4DQPSK_2-DH1**
	
Pulse Width π/4DQPSK_2-DH3	**Number of Pulses in 31.6 seconds π/4DQPSK_2-DH3**



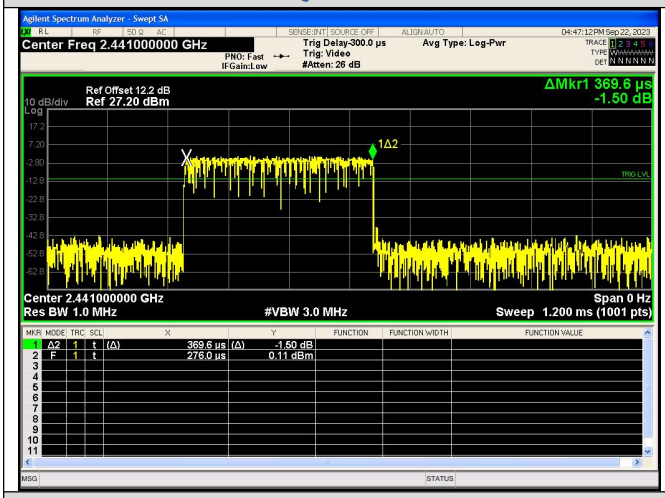
Pulse Width

π/4DQPSK_2-DH5



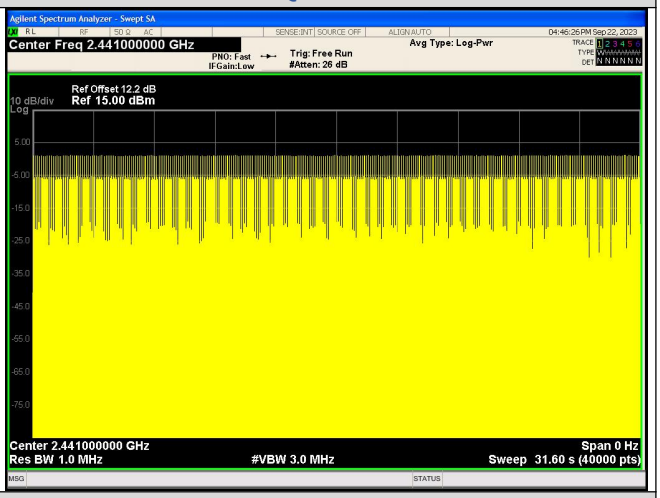
Number of Pulses in 31.6 seconds

π/4DQPSK_2-DH5



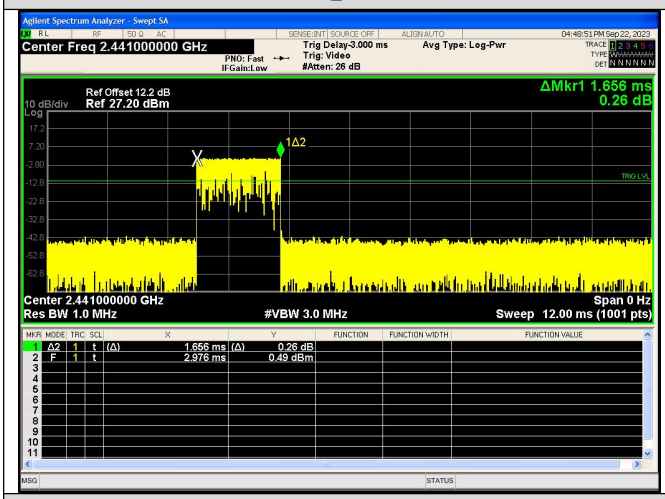
Pulse Width

8DPSK_3-DH1



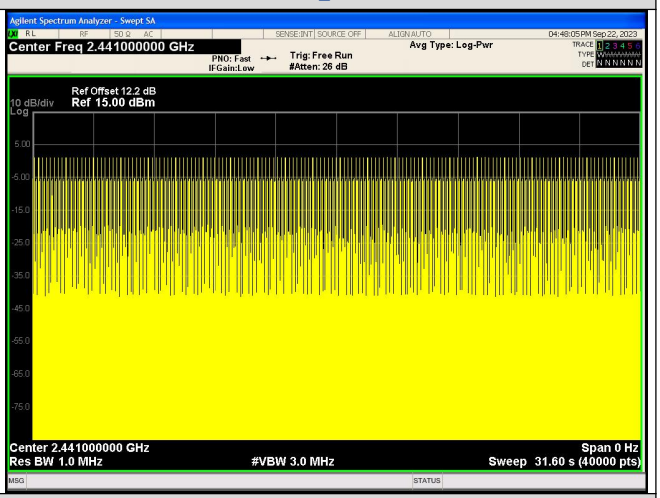
Number of Pulses in 31.6 seconds

8DPSK_3-DH1



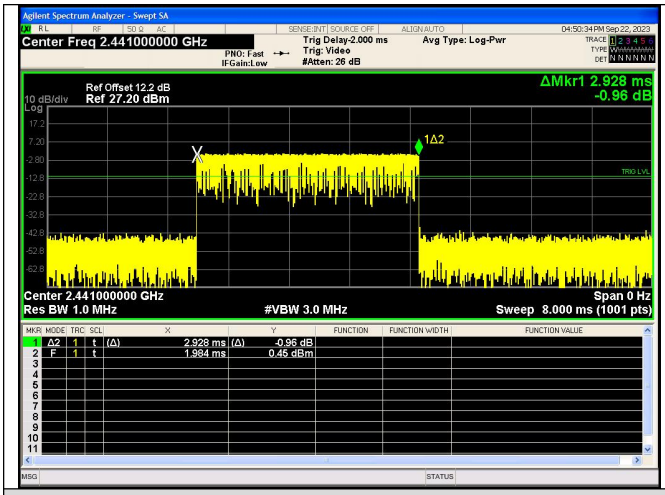
Pulse Width

8DPSK_3-DH3



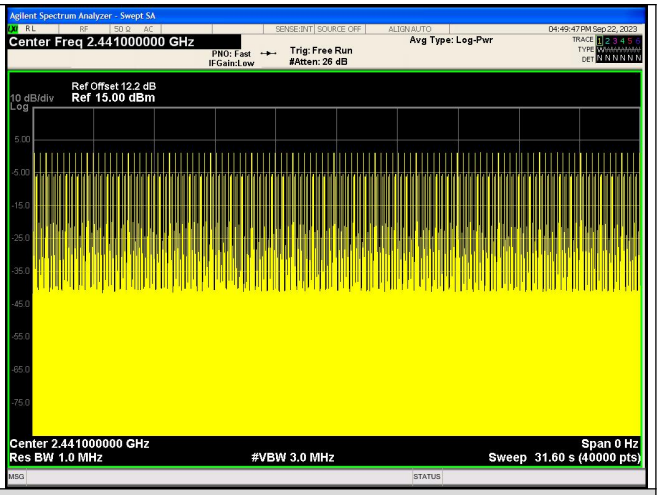
Number of Pulses in 31.6 seconds

8DPSK_3-DH3



Pulse Width

8DPSK_3-DH5



Number of Pulses in 31.6 seconds

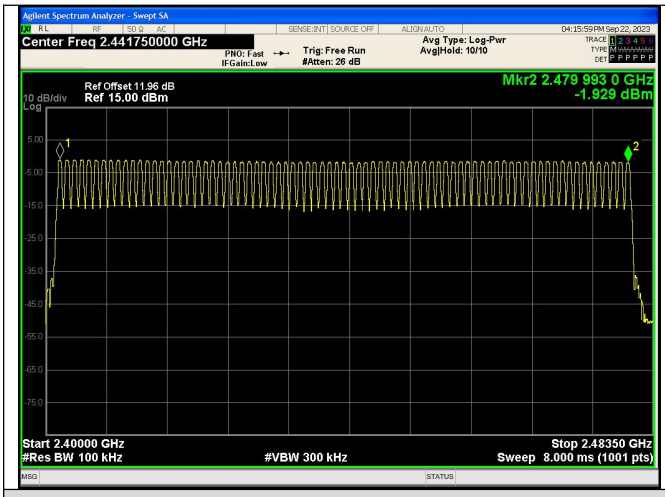
8DPSK_3-DH5

APPENDIX VIII. Number Of Hopping Channel

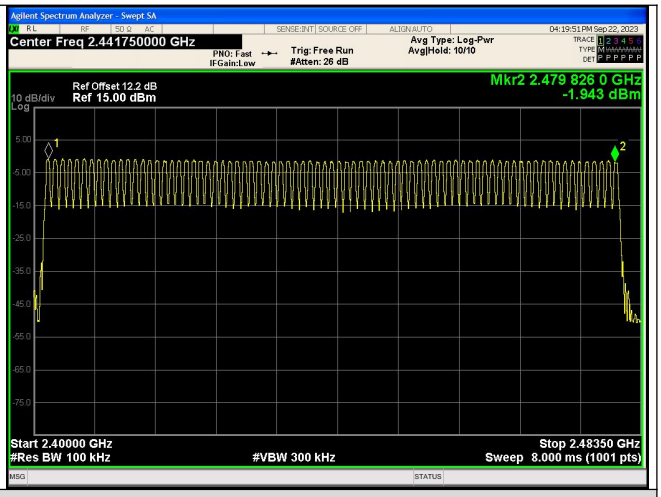
Test Result

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

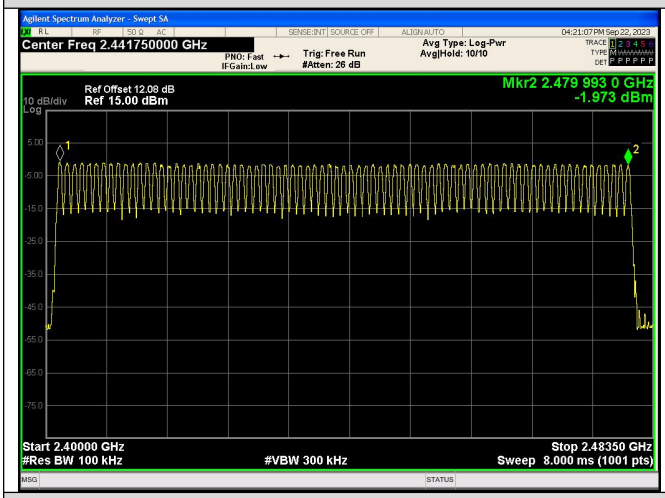
Test Graphs



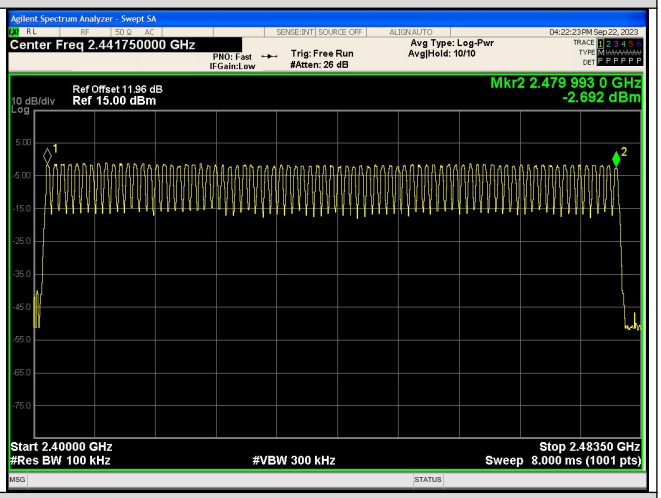
Hopping Plot
GFSK



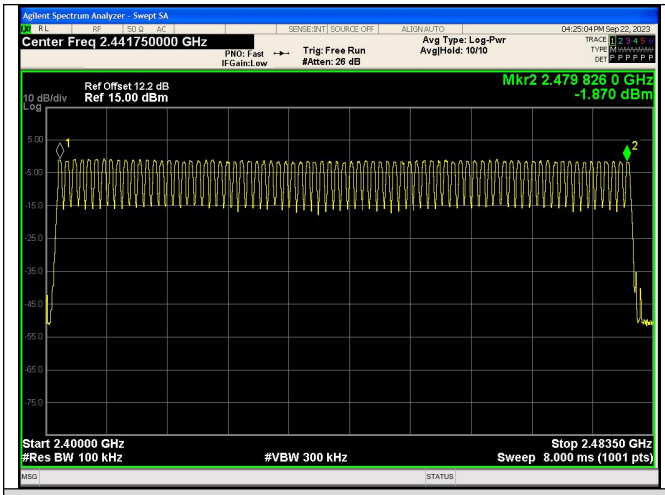
Hopping Plot
GFSK



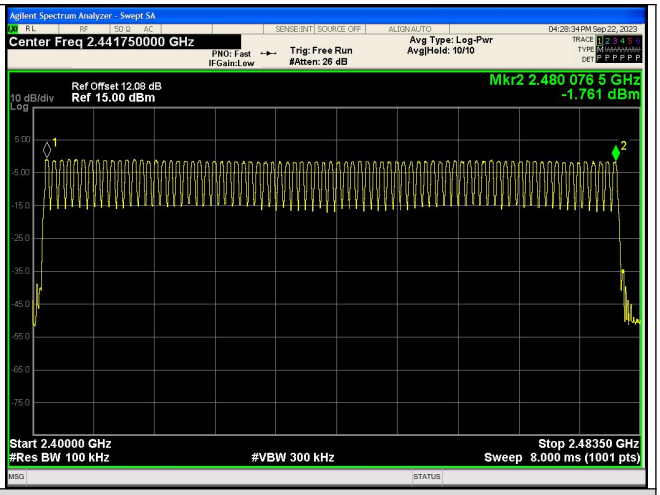
Hopping Plot
GFSK



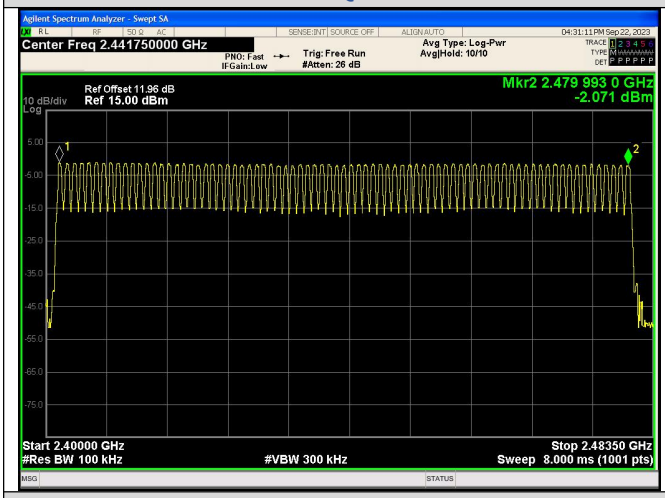
Hopping Plot
π/4DQPSK



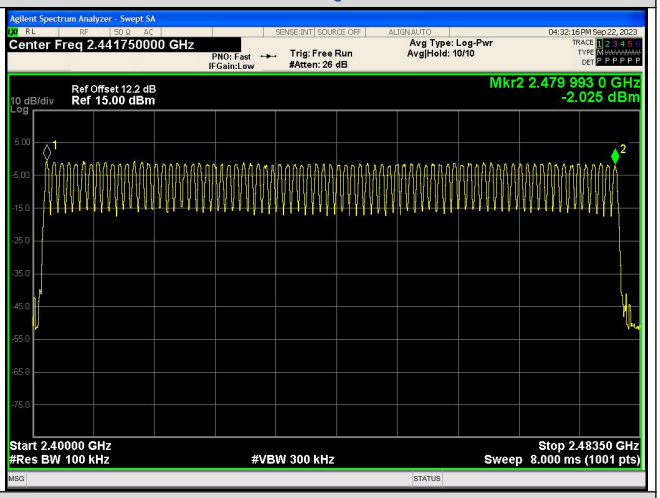
Hopping Plot
π/4DQPSK



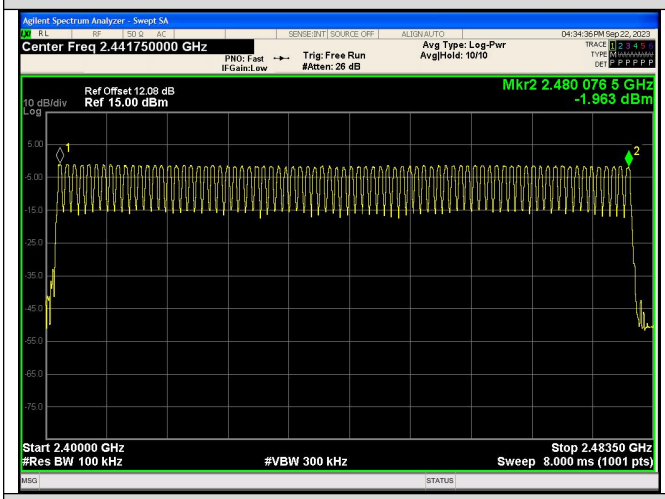
Hopping Plot
π/4DQPSK



Hopping Plot
8DPSK



Hopping Plot
8DPSK



Hopping Plot
8DPSK

Void

********** End of Report **********