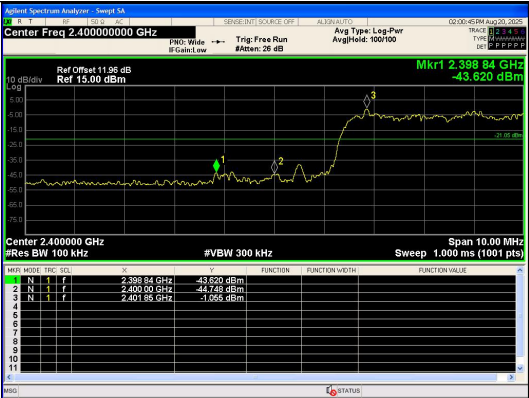
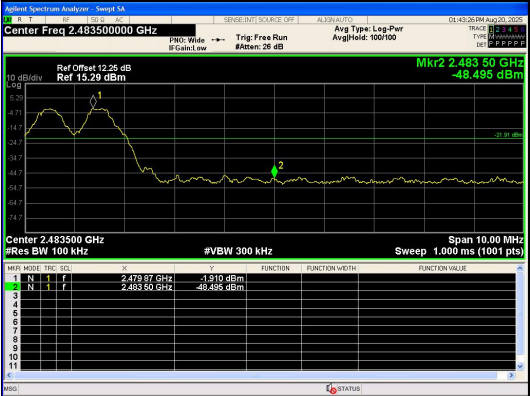


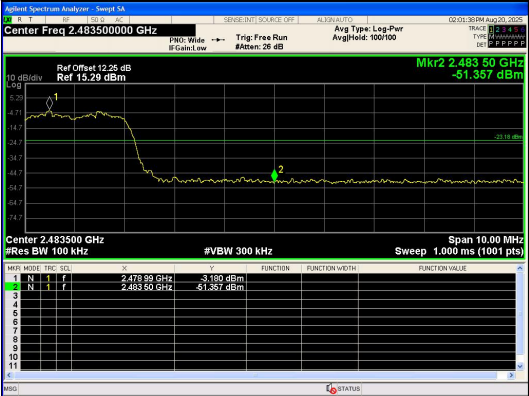
Out Of Band Emission(Left)  
GFSK\_DH5\_Channel Hopping



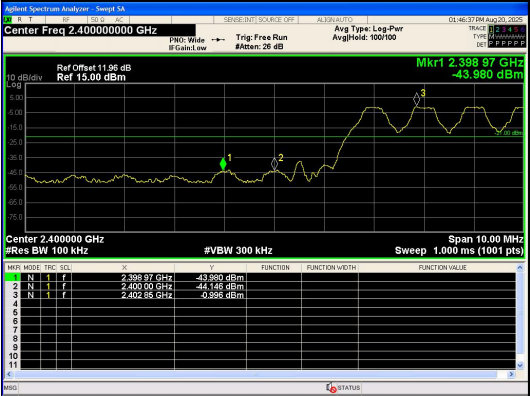
Out Of Band Emission(Left)  
 $\pi/4$ DQPSK\_2-DH5\_Channel Hopping



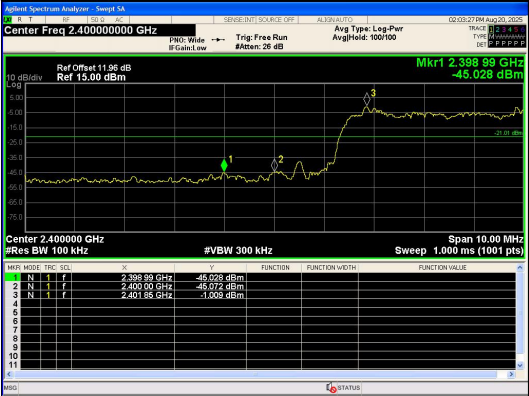
Out Of Band Emission(Right)  
GFSK\_DH5\_Channel Hopping



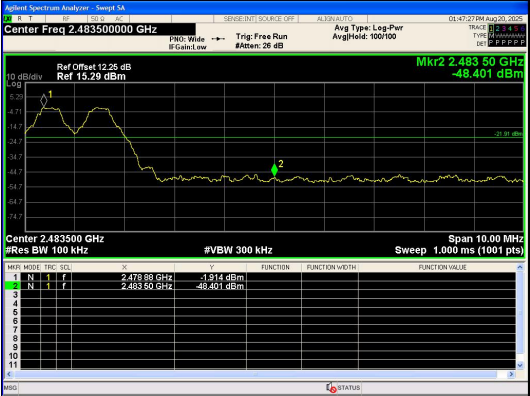
Out Of Band Emission(Right)  
 $\pi/4$ DQPSK\_2-DH5\_Channel Hopping



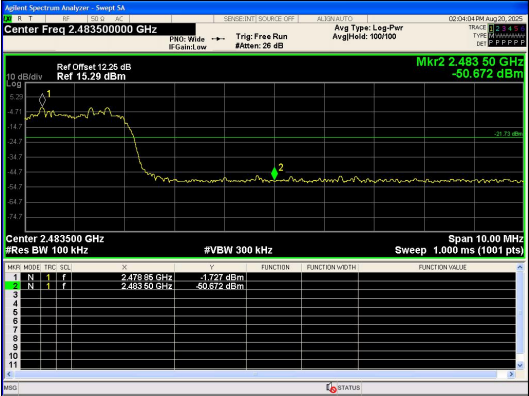
Out Of Band Emission(Left)  
GFSK\_DH5\_Channel Hopping



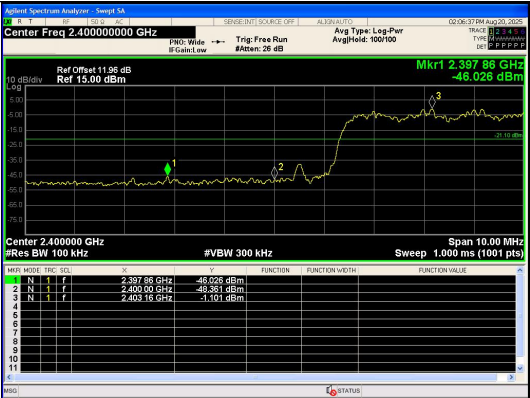
Out Of Band Emission(Left)  
 $\pi/4$ DQPSK\_2-DH5\_Channel Hopping



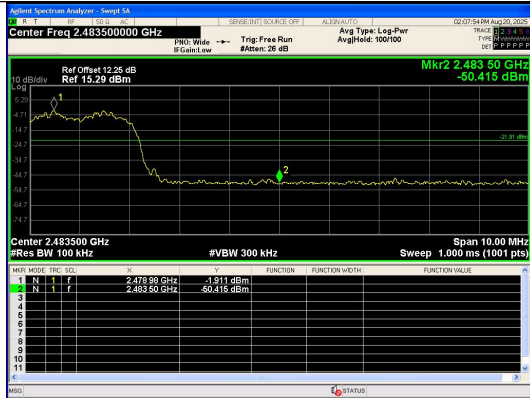
Out Of Band Emission(Right)  
GFSK\_DH5\_Channel Hopping



Out Of Band Emission(Right)  
 $\pi/4$ DQPSK\_2-DH5\_Channel Hopping



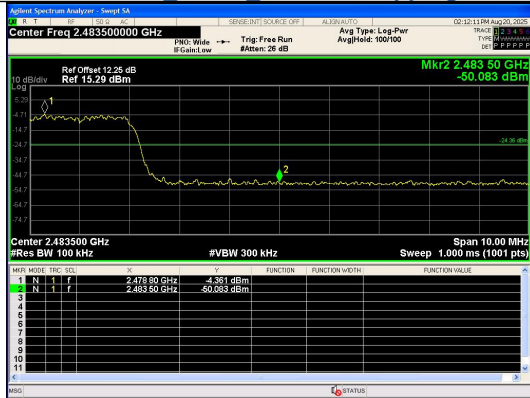
Out Of Band Emission(Left)  
8DPSK\_3-DH5\_Channel Hopping



Out Of Band Emission(Right)  
8DPSK\_3-DH5\_Channel Hopping



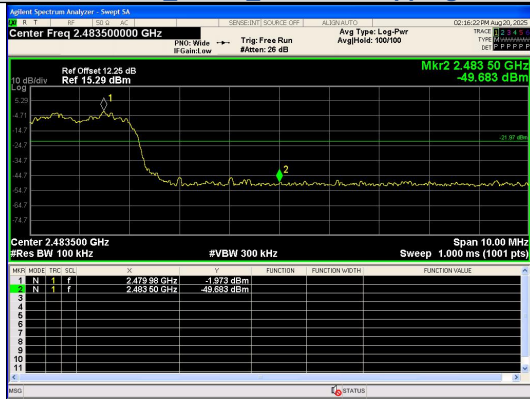
Out Of Band Emission(Left)  
8DPSK\_3-DH5\_Channel Hopping



Out Of Band Emission(Right)  
8DPSK\_3-DH5\_Channel Hopping



Out Of Band Emission(Left)  
8DPSK\_3-DH5\_Channel Hopping



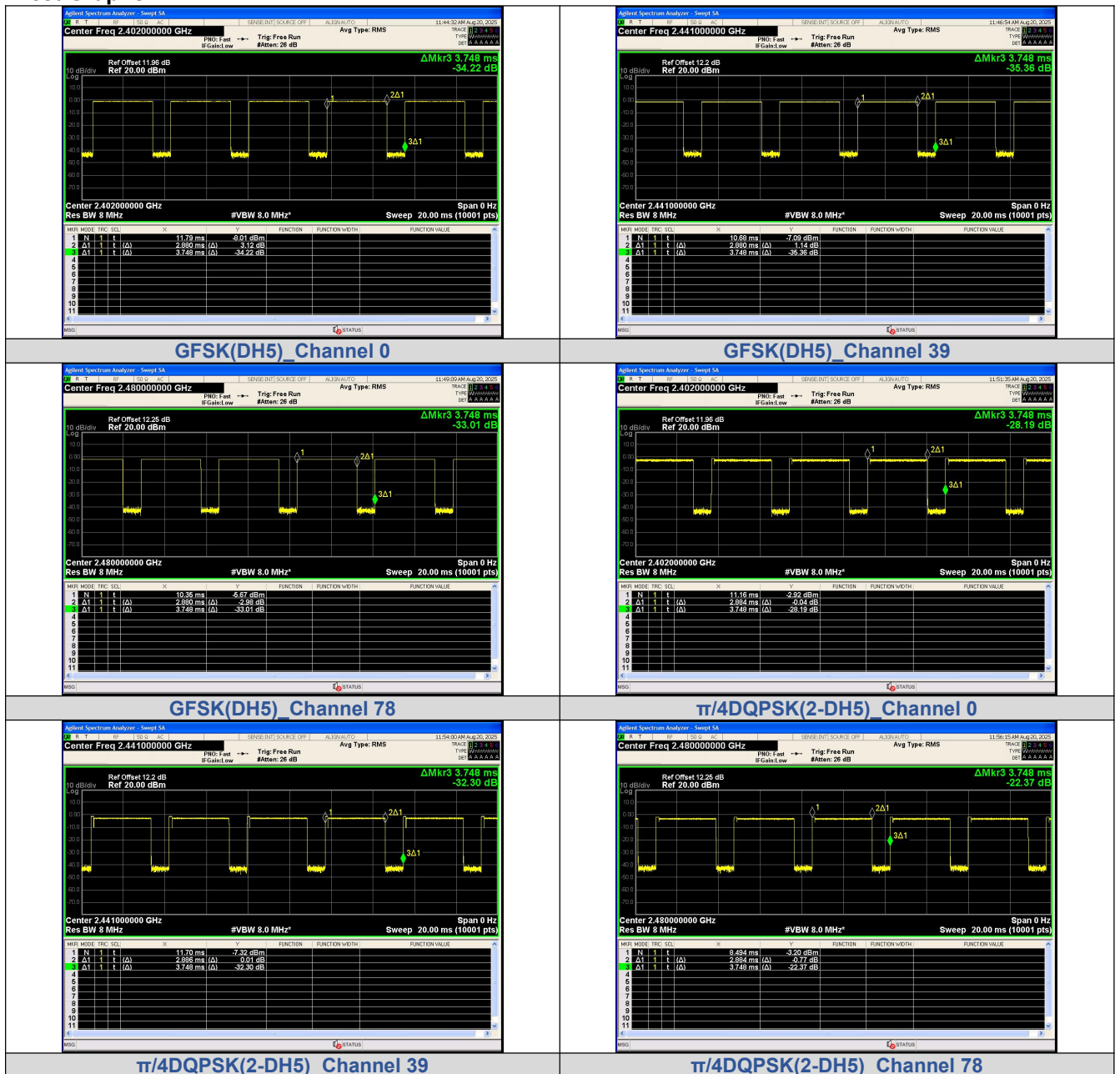
Out Of Band Emission(Right)  
8DPSK\_3-DH5\_Channel Hopping

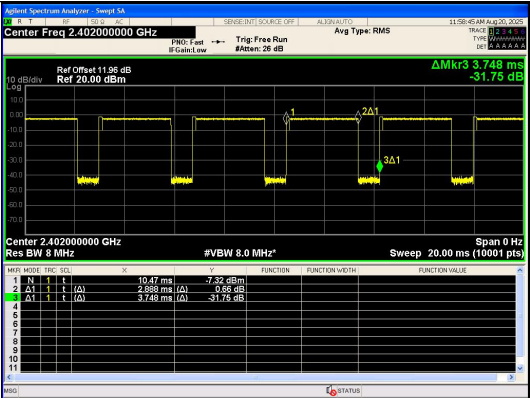
## APPENDIX VI. Duty Cycle

### Test Result

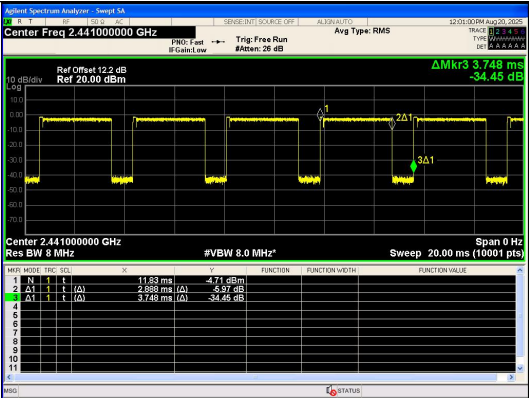
Modulation	Packets	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
GFSK	DH5	0	2.880	3.748	76.84	0.7684	1.1441	0.3472
		39	2.880	3.748	76.84	0.7684	1.1441	0.3472
		78	2.880	3.748	76.84	0.7684	1.1441	0.3472
$\pi/4$ DQPSK	2-DH5	0	2.884	3.748	76.95	0.7695	1.1379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

### Test Graphs

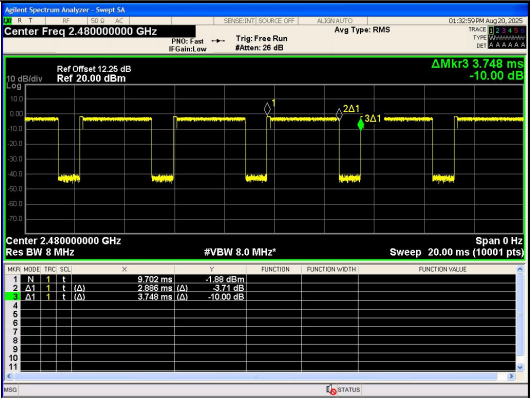




8DPSK(3-DH5)\_Channel 0



8DPSK(3-DH5)\_Channel 39

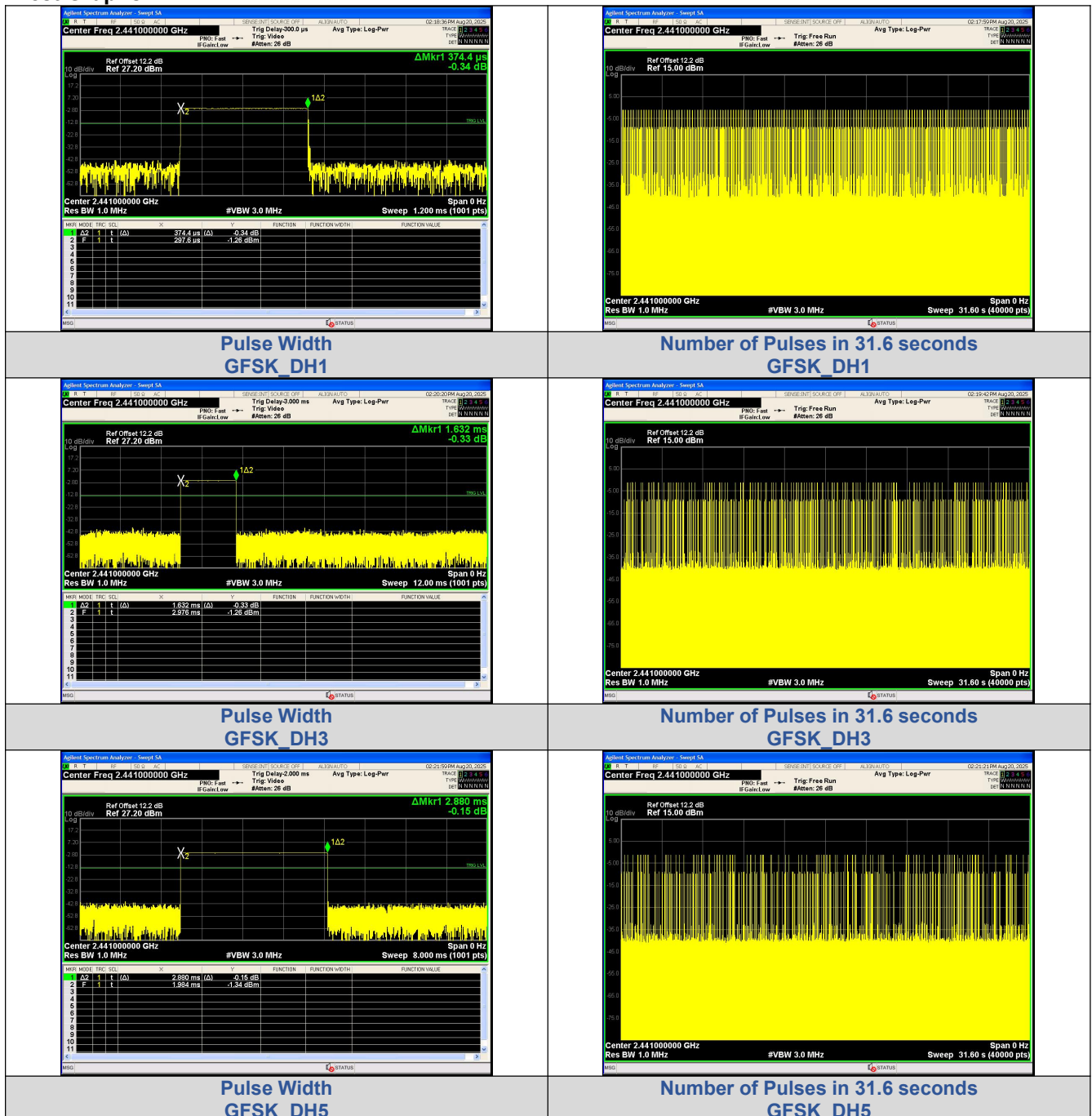


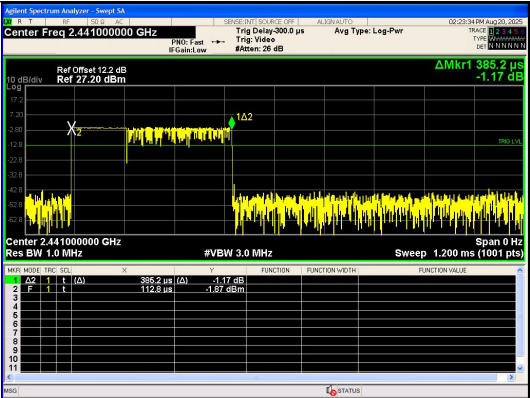
8DPSK(3-DH5)\_Channel 78

## APPENDIX VII. Dwell Time Test Result

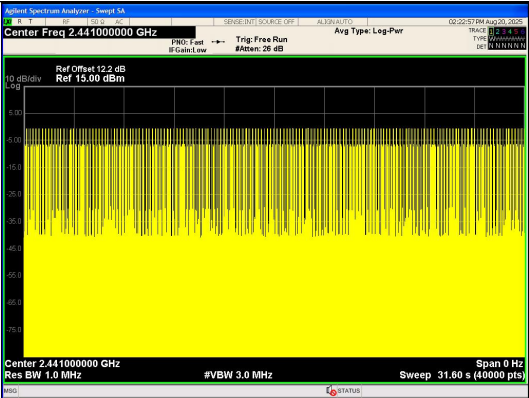
Modulation	Packet	Channel	Pulse Width (ms)	Number of Pulses in 31.6 seconds	Dwell Time (ms)	Limit (ms)	Result
GFSK	DH1	Hopping	0.3744	315	117.94	< 400	PASS
	DH3		1.632	152	248.06		PASS
	DH5		2.880	117	336.96		PASS
$\pi/4$ DQPSK	2-DH1		0.3852	314	120.95		PASS
	2-DH3		1.632	157	256.22		PASS
	2-DH5		2.896	86	249.06		PASS
8DPSK	3-DH1		0.3852	311	119.8		PASS
	3-DH3		1.632	171	279.07		PASS
	3-DH5		2.880	111	319.68		PASS

### Test Graphs

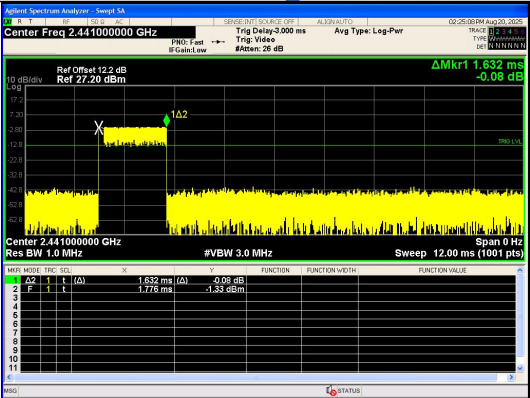




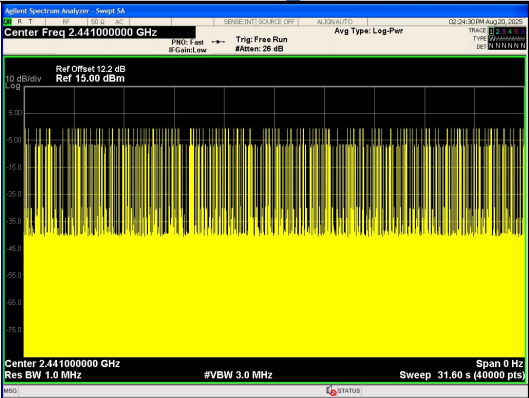
Pulse Width  
 $\pi/4$ DQPSK\_2-DH1



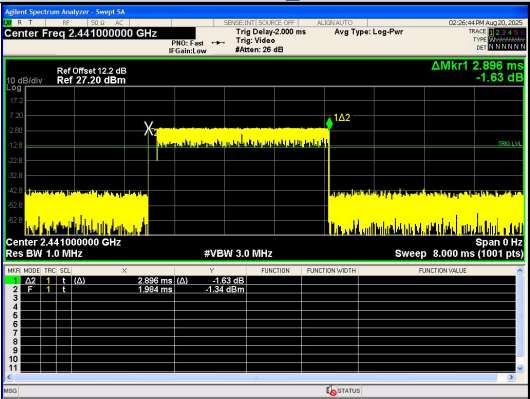
Number of Pulses in 31.6 seconds  
 $\pi/4$ DQPSK\_2-DH1



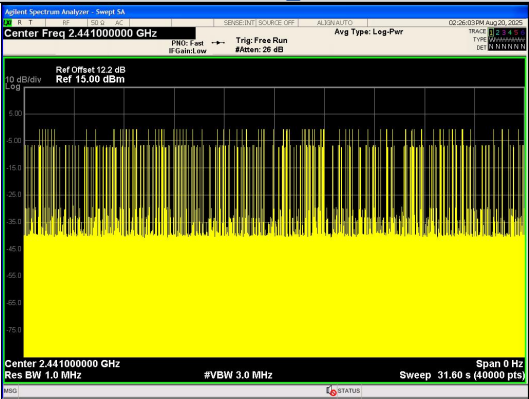
Pulse Width  
 $\pi/4$ DQPSK\_2-DH3



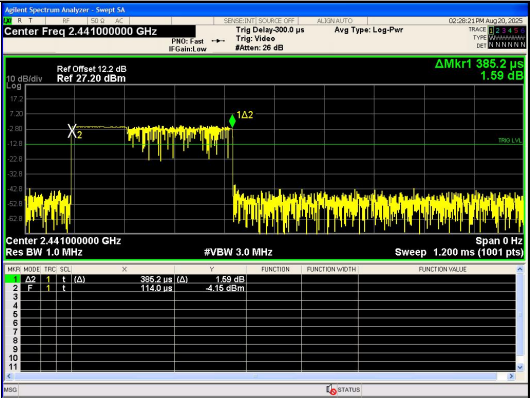
Number of Pulses in 31.6 seconds  
 $\pi/4$ DQPSK\_2-DH3



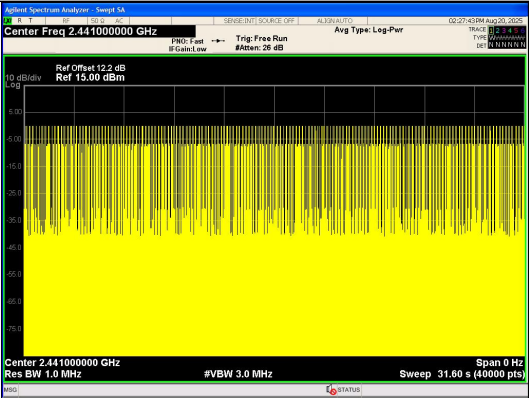
Pulse Width  
 $\pi/4$ DQPSK\_2-DH5



Number of Pulses in 31.6 seconds  
 $\pi/4$ DQPSK\_2-DH5



Pulse Width  
8DPSK\_3-DH1



Number of Pulses in 31.6 seconds  
8DPSK\_3-DH1