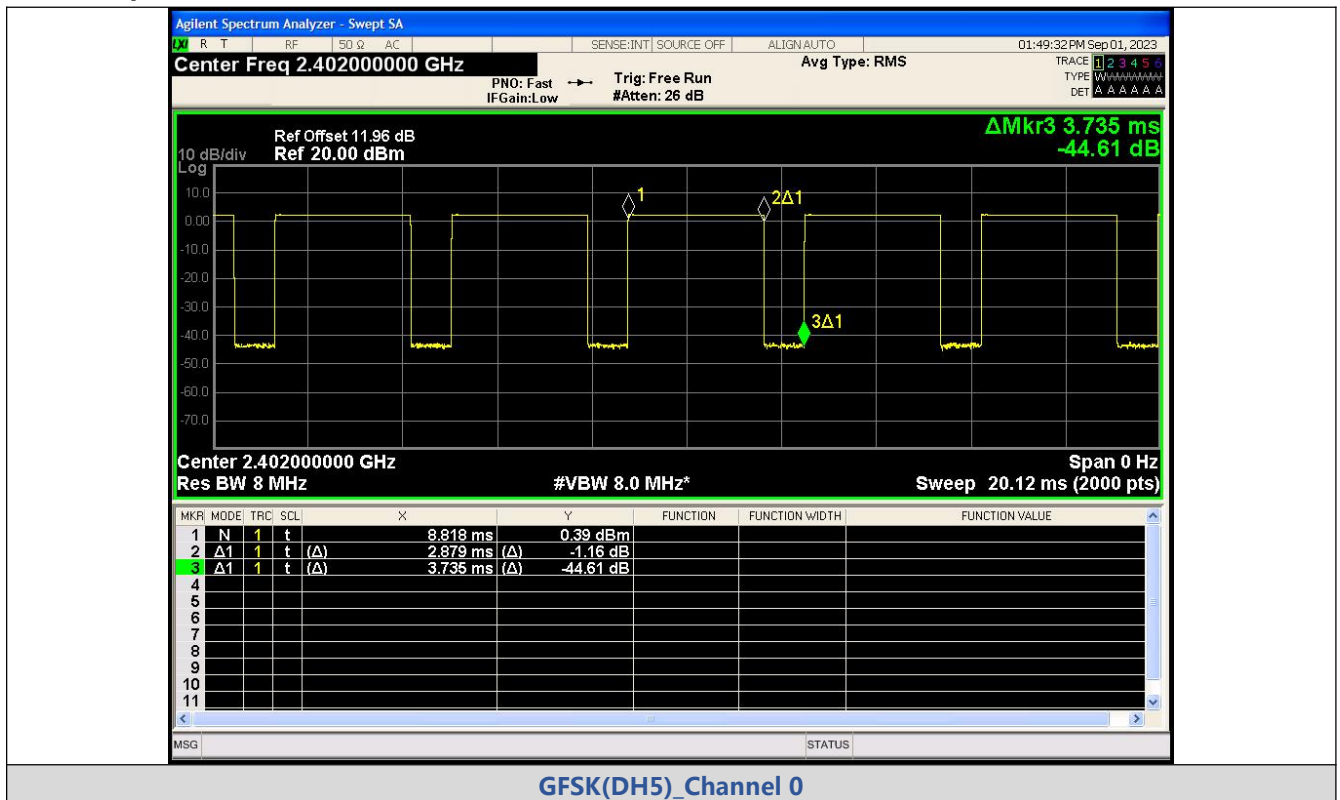


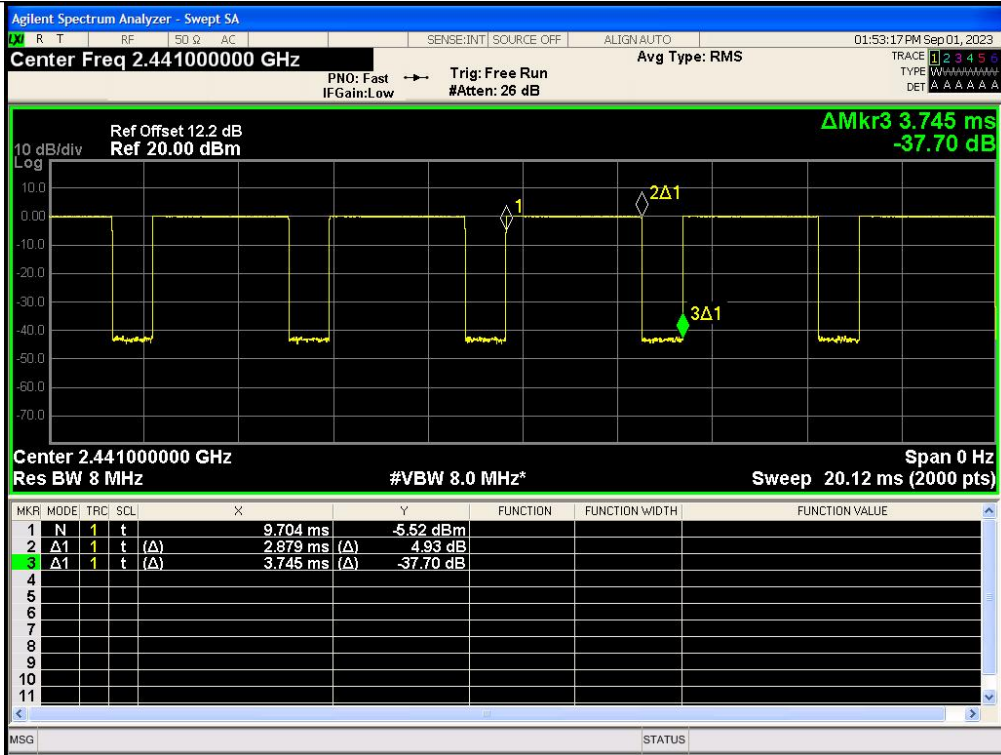
## APPENDIX VI. Duty Cycle

### Test Result

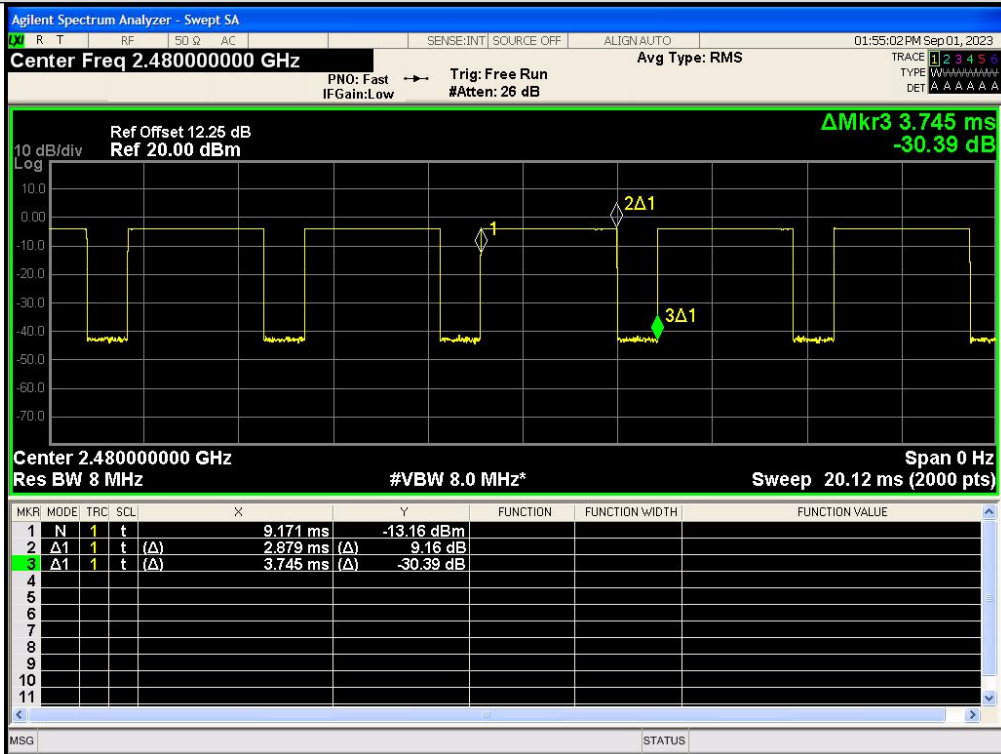
Modulation	Packets	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
GFSK	DH5	0	2.879	3.735	77.09	0.7709	1.13
		39	2.879	3.745	76.88	0.7688	1.1419
		78	2.879	3.745	76.88	0.7688	1.1419
$\pi/4$ DQPSK	2-DH5	0	2.879	3.735	77.09	0.7709	1.13
		39	2.879	3.735	77.09	0.7709	1.13
		78	2.879	3.735	77.09	0.7709	1.13
8DPSK	3-DH5	0	2.829	3.745	75.54	0.7554	1.2182
		39	2.829	3.735	75.74	0.7574	1.2067
		78	2.819	3.735	75.47	0.7547	1.2223

### Test Graphs

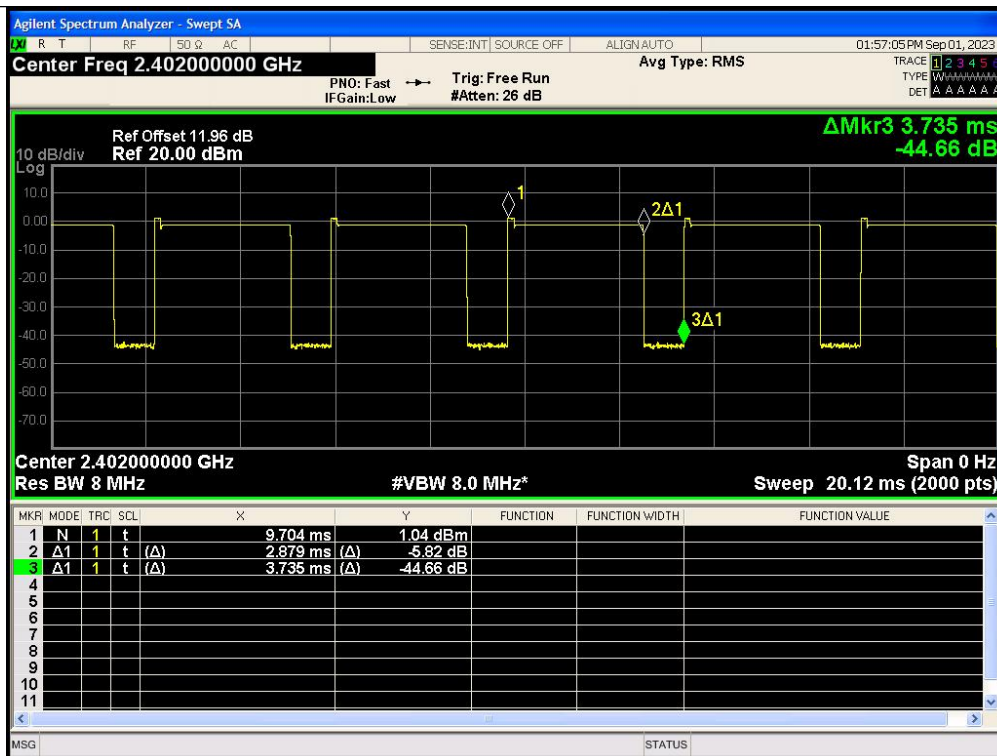




GFSK(DH5)\_Channel 39



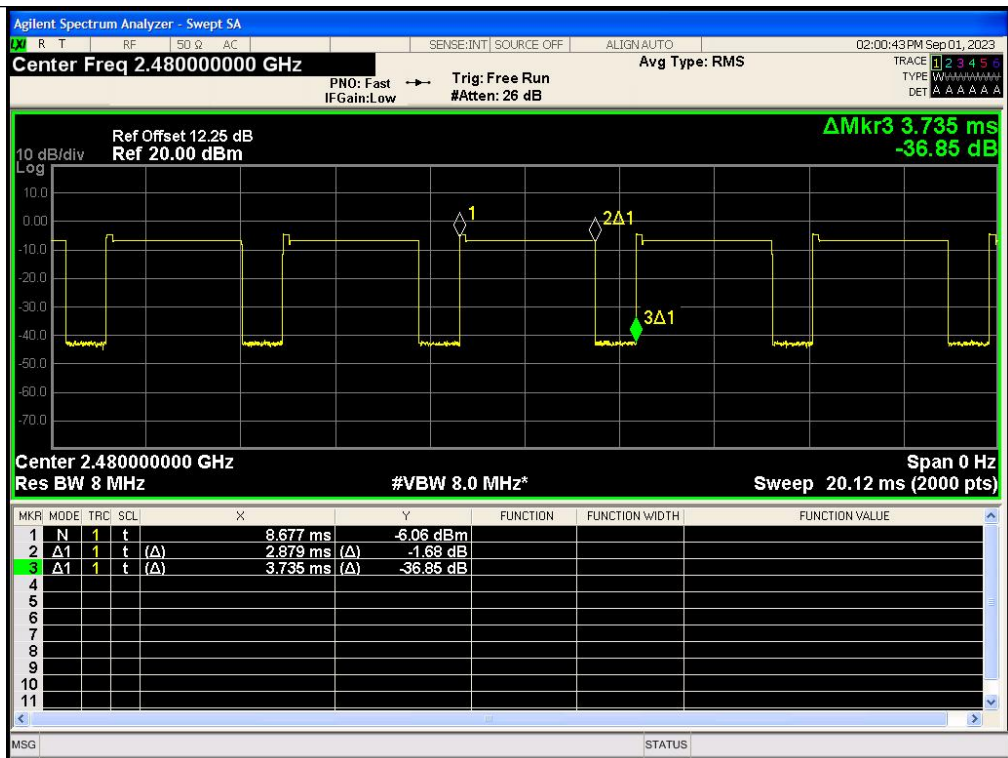
GFSK(DH5)\_Channel 78



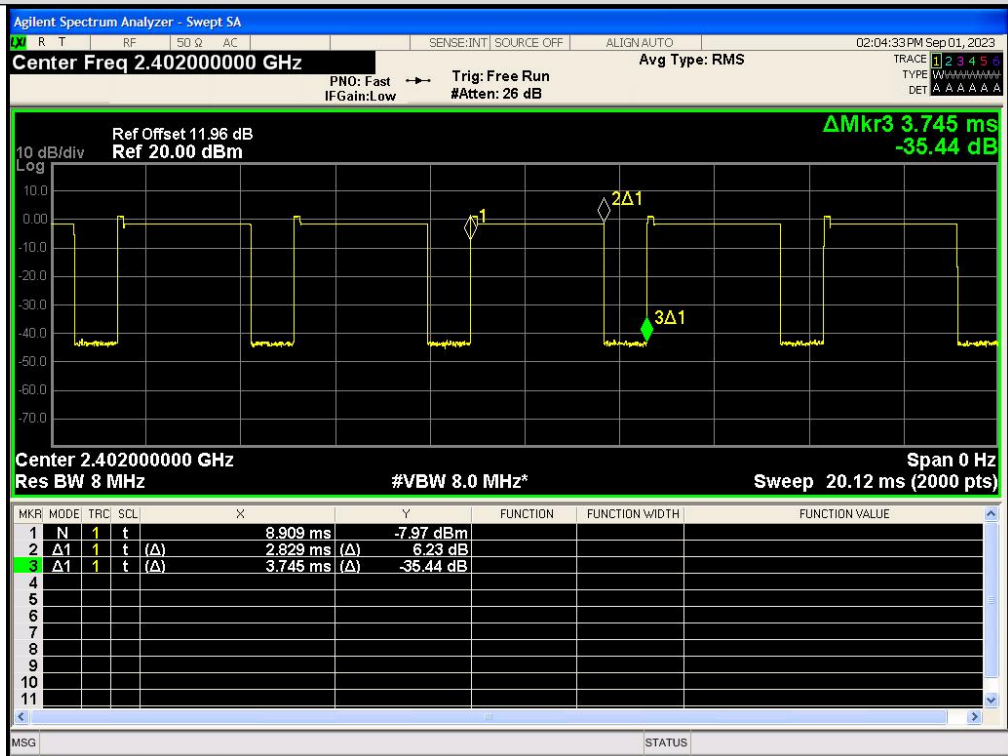
π/4DQPSK(2-DH5)\_Channel 0



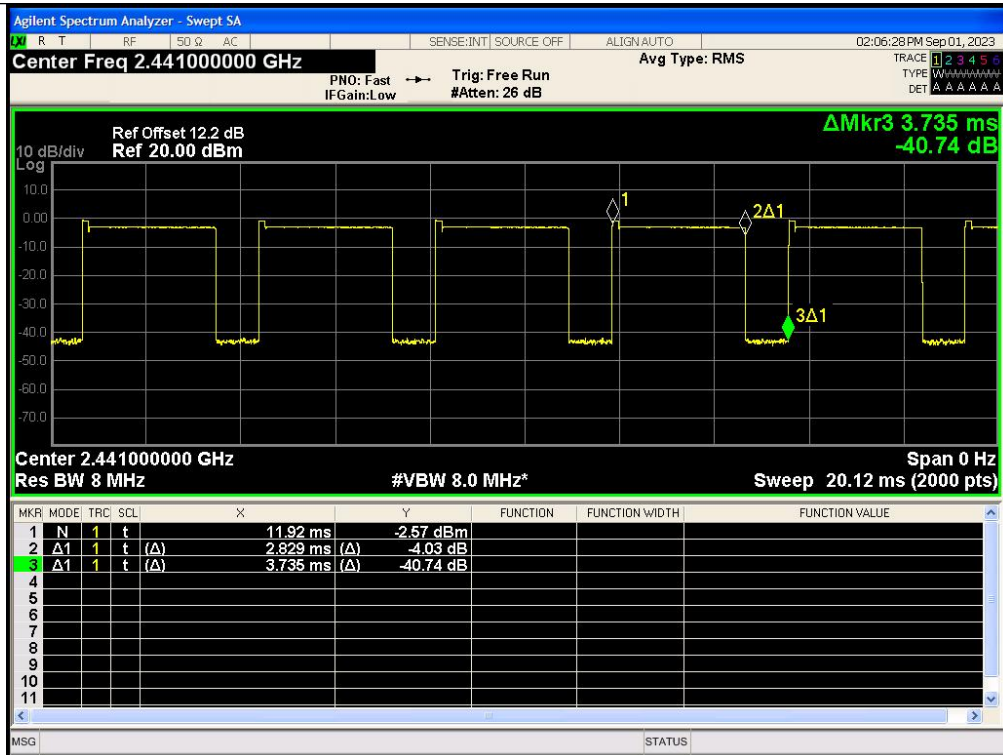
π/4DQPSK(2-DH5)\_Channel 39



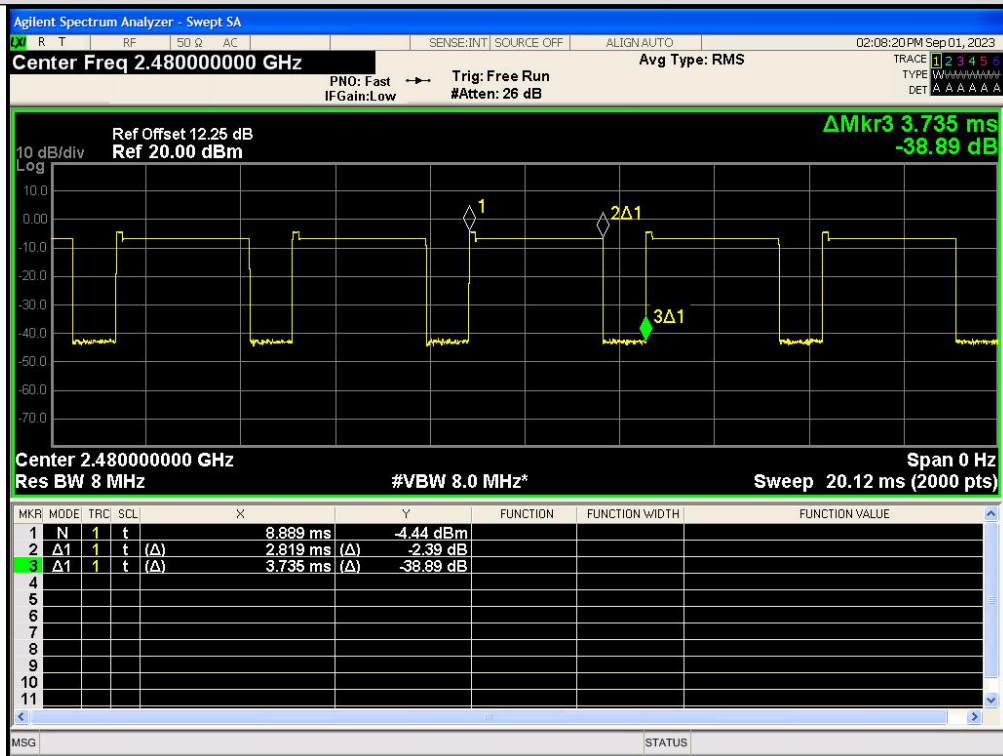
π/4DQPSK(2-DH5)\_Channel 78



8DPSK(3-DH5)\_Channel 0



8DPSK(3-DH5)\_Channel 39



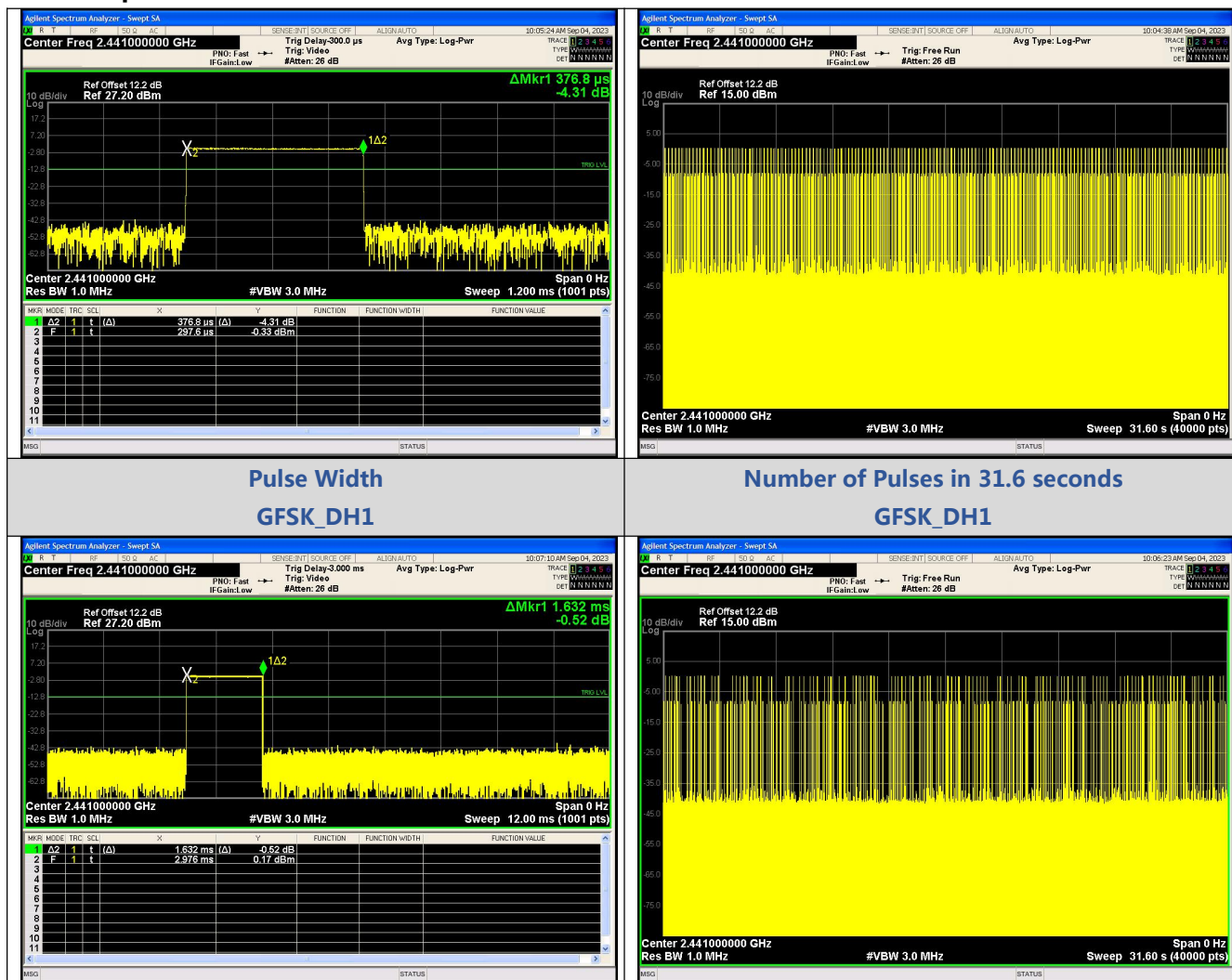
8DPSK(3-DH5)\_Channel 78

# APPENDIX VII. Dwell Time

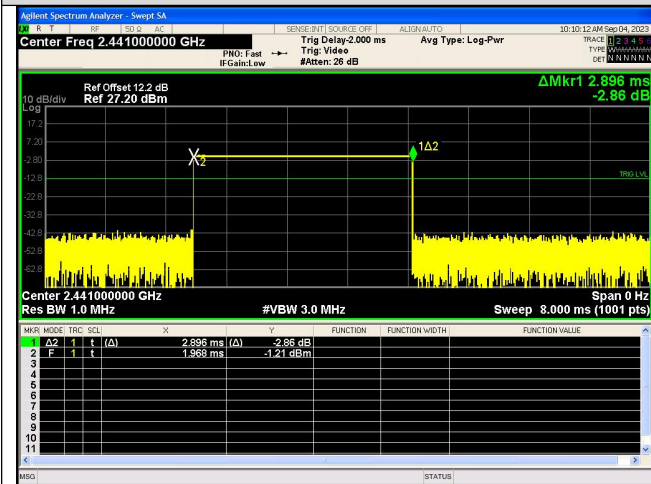
## Test Result

Modulation	Packet	Channel	Pulse Width (ms)	Number of Pulses in 31.6 seconds	Dwell Time (ms)	Limit (ms)	Result
GFSK	DH1	CH39 (2441MHz)	0.3768	313	117.94	< 400	PASS
	DH3		1.632	159	259.49		PASS
	DH5		2.896	114	330.14		PASS
$\pi$ /4DQPSK	2-DH1		0.3828	311	119.05		PASS
	2-DH3		1.632	159	259.49		PASS
	2-DH5		2.880	114	328.32		PASS
8DPSK	3-DH1		0.3840	311	119.42		PASS
	3-DH3		1.632	152	248.06		PASS
	3-DH5		2.864	114	326.5		PASS

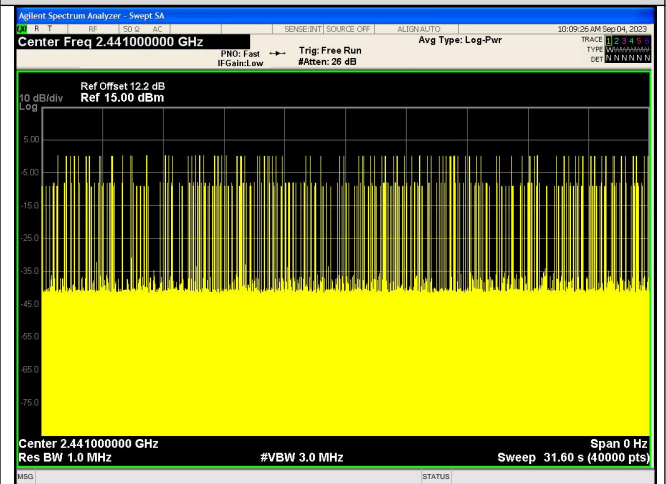
## Test Graphs



Pulse Width  
GFSK\_DH3



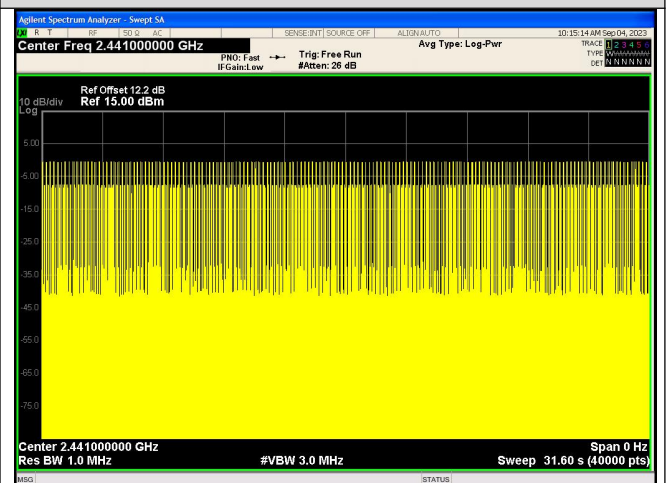
Number of Pulses in 31.6 seconds  
GFSK\_DH3



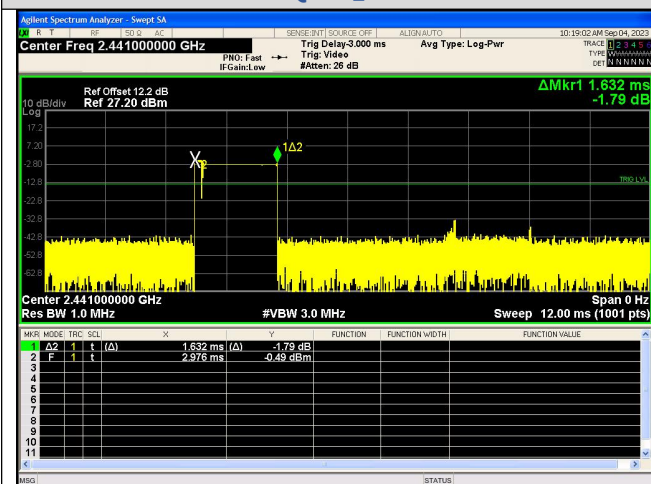
Pulse Width  
GFSK\_DH5



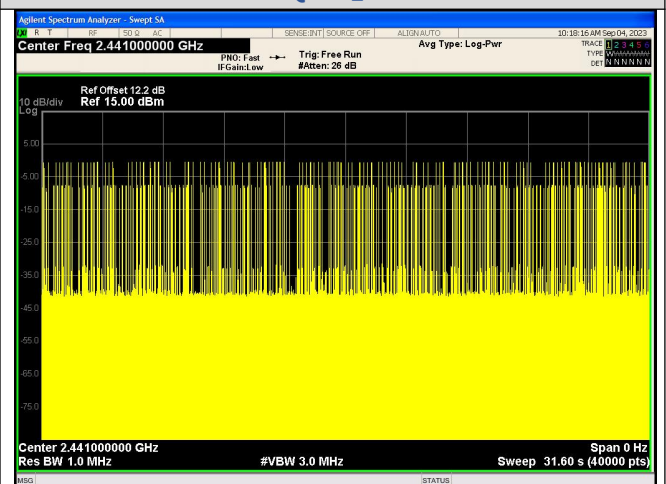
Number of Pulses in 31.6 seconds  
GFSK\_DH5



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



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



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

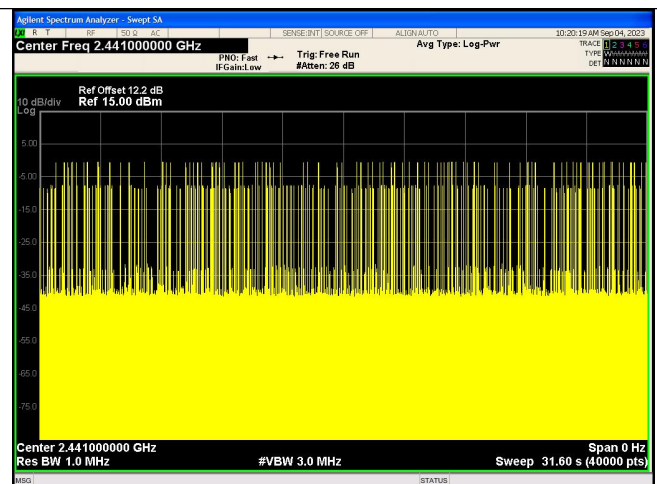


Number of Pulses in 31.6 seconds  
 $\pi/4$ DQPSK\_2-DH3

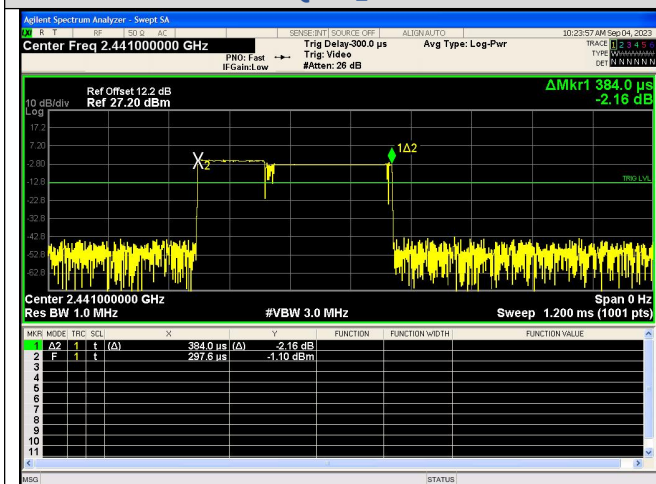




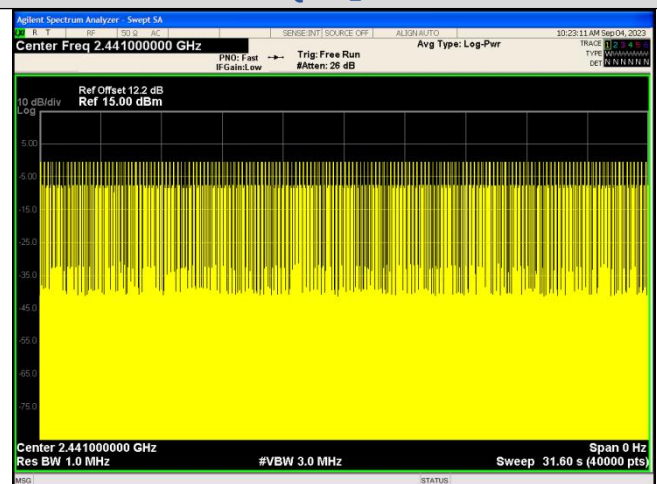
Pulse Width  
 $\pi/4$ DQPSK\_2-DH5



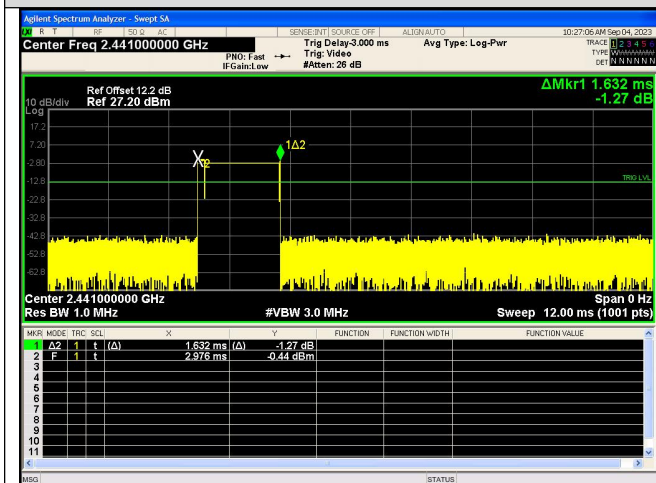
Number of Pulses in 31.6 seconds  
 $\pi/4$ DQPSK\_2-DH5



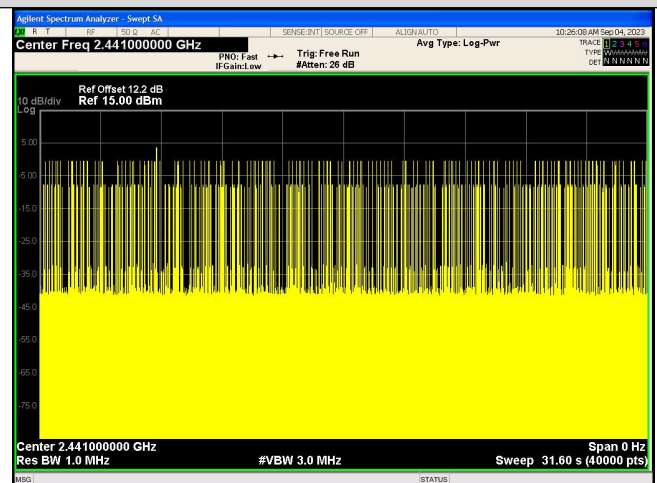
Pulse Width  
 8DPSK\_3-DH1



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

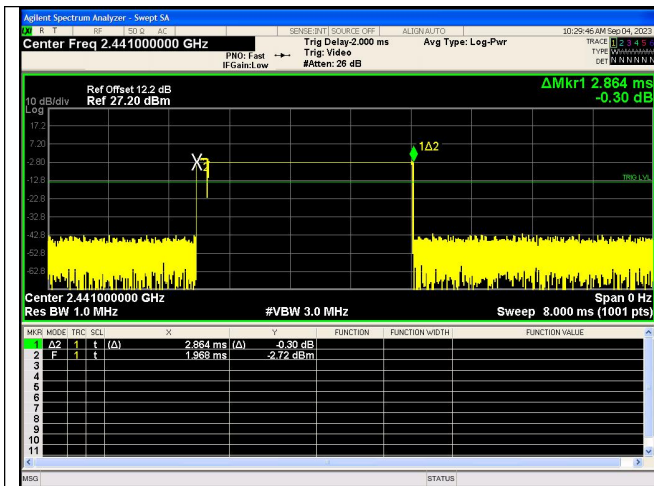


Pulse Width  
 8DPSK\_3-DH3

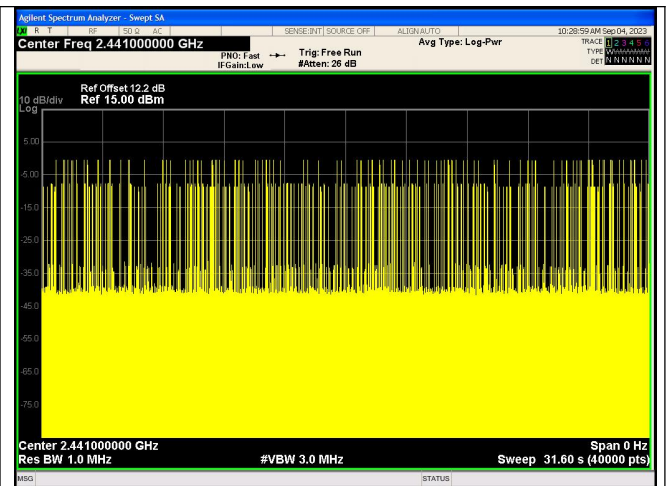


Number of Pulses in 31.6 seconds  
 8DPSK\_3-DH3





Pulse Width  
8DPSK\_3-DH5



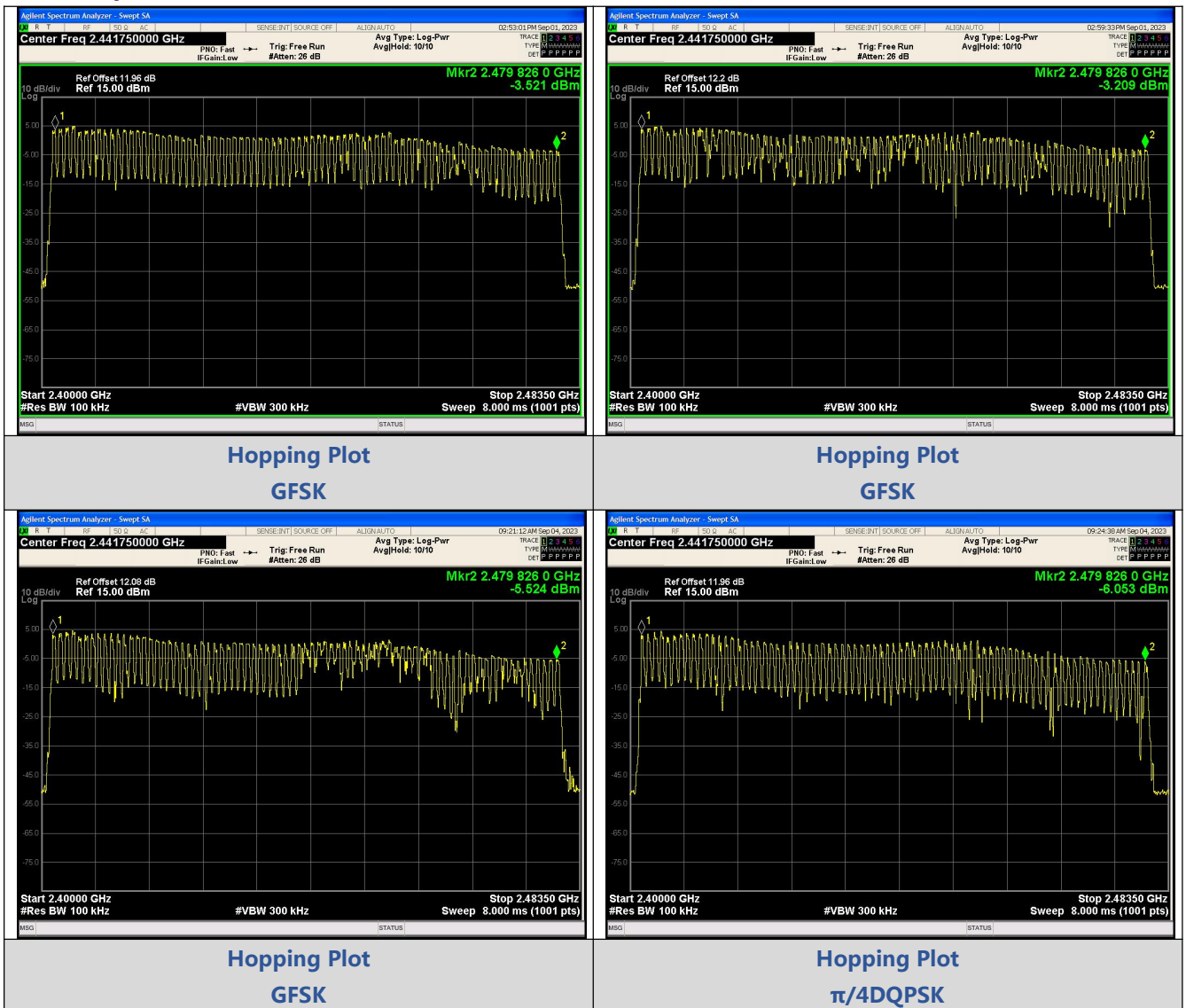
Number of Pulses in 31.6 seconds  
8DPSK\_3-DH5

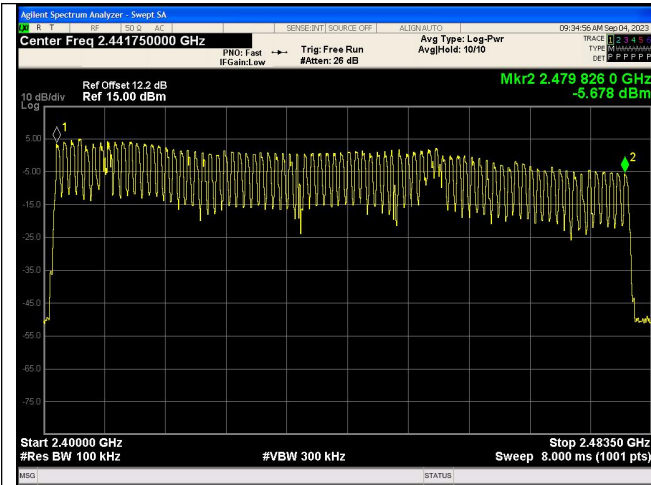
# APPENDIX VIII. Number Of Hopping Channel

## Test Result

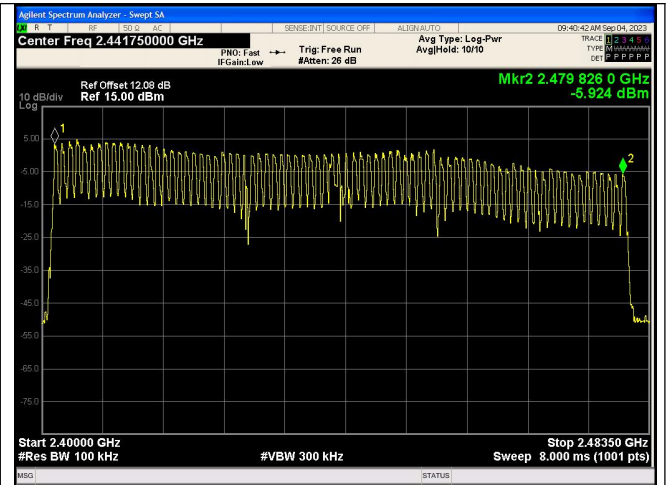
Modulation	Packet	Number of Hopping Channel	Limit	Result
GFSK	DH5	79	15	PASS
GFSK	DH5	79	15	PASS
GFSK	DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS

## Test Graphs

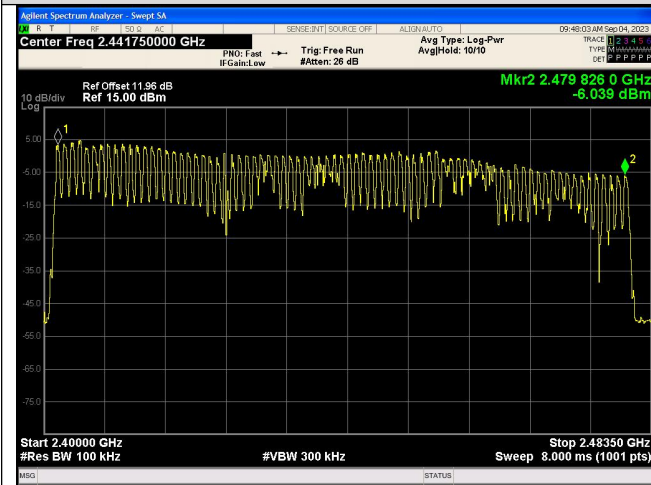




Hopping Plot  
 $\pi/4$ DQPSK



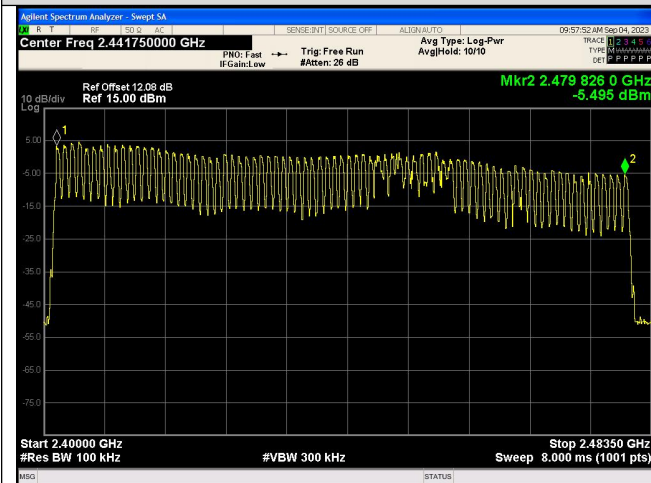
Hopping Plot  
 $\pi/4$ DQPSK



Hopping Plot  
8DPSK



Hopping Plot  
8DPSK



Hopping Plot  
8DPSK

Void