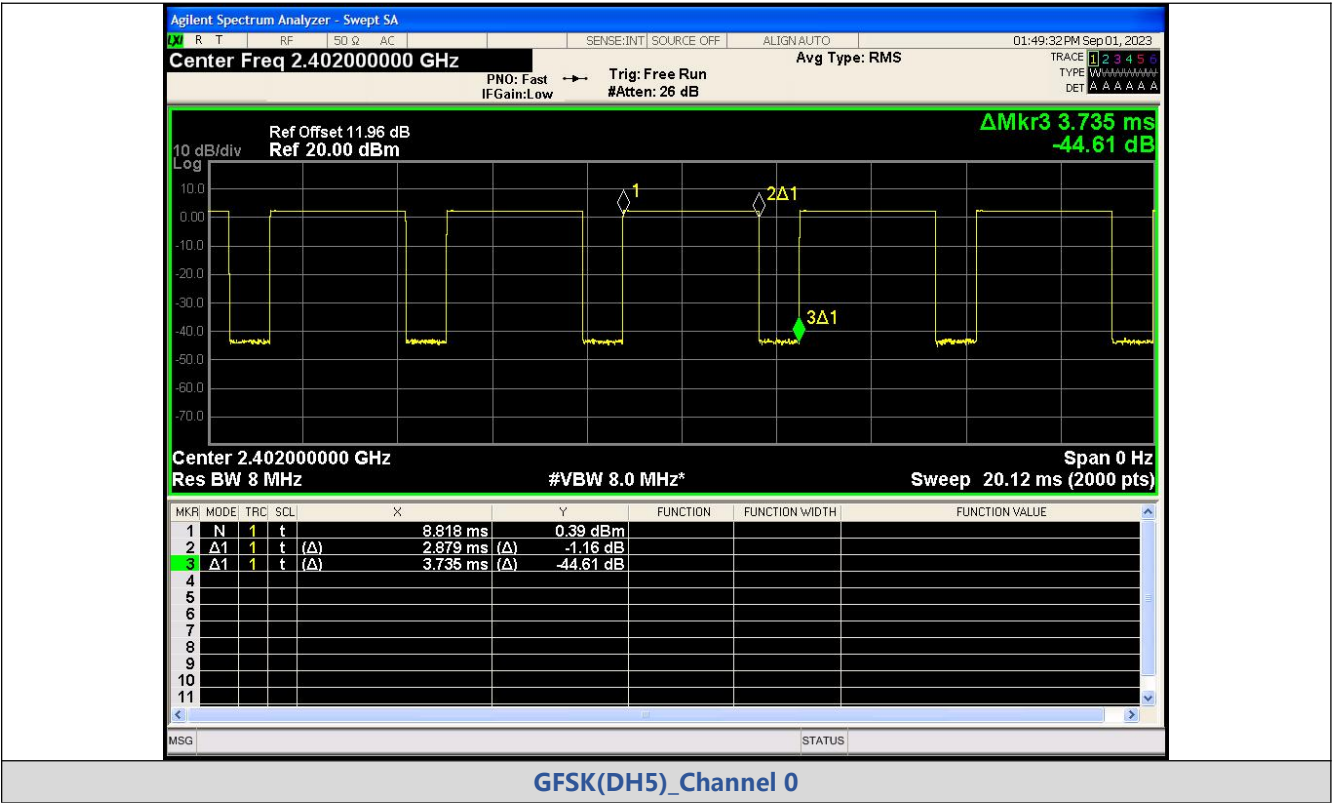


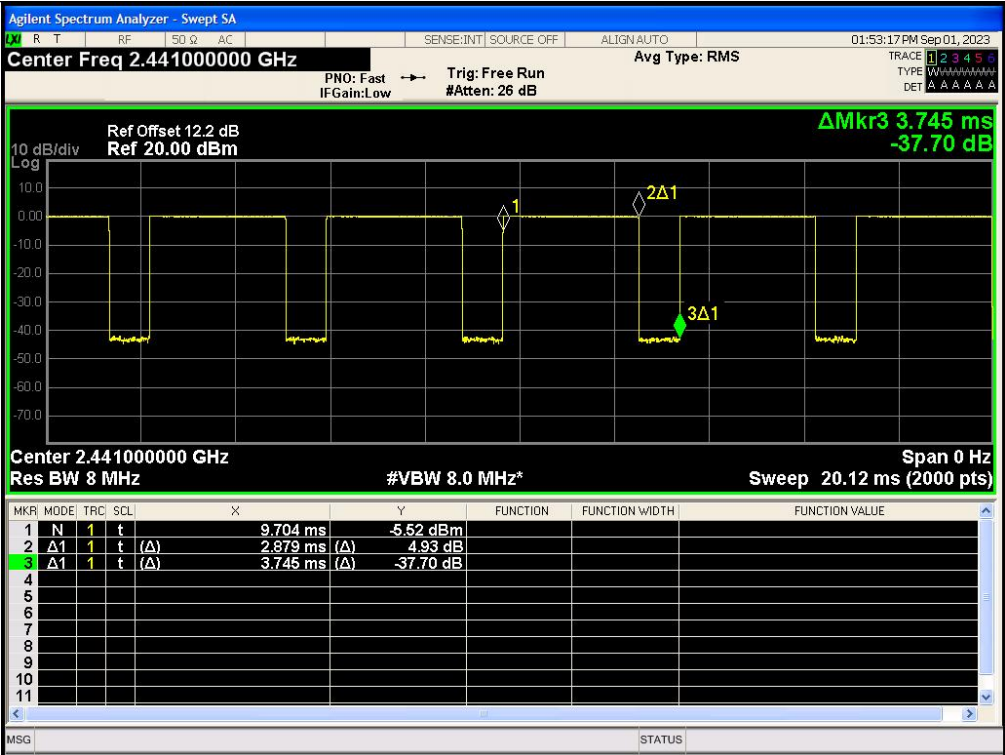
APPENDIX VI. Duty Cycle

Test Result

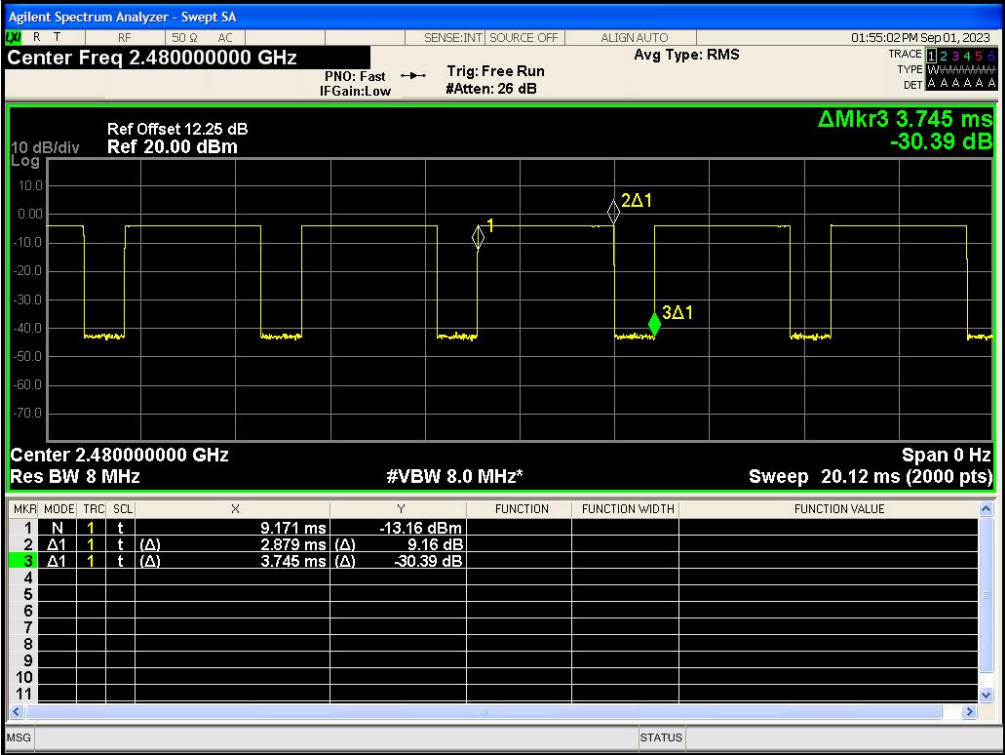
Modulation	Packets	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
GFSK	DH5	0	2.879	3.735	77.09	0.7709	1.13
		39	2.879	3.745	76.88	0.7688	1.1419
		78	2.879	3.745	76.88	0.7688	1.1419
π /4DQPSK	2-DH5	0	2.879	3.735	77.09	0.7709	1.13
		39	2.879	3.735	77.09	0.7709	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

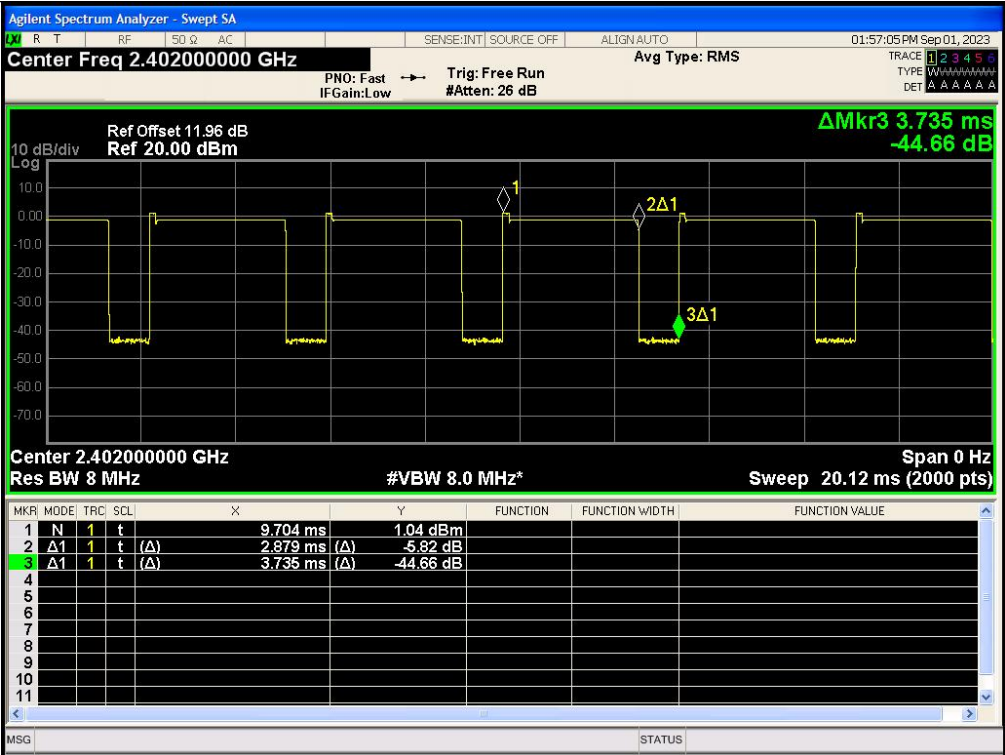




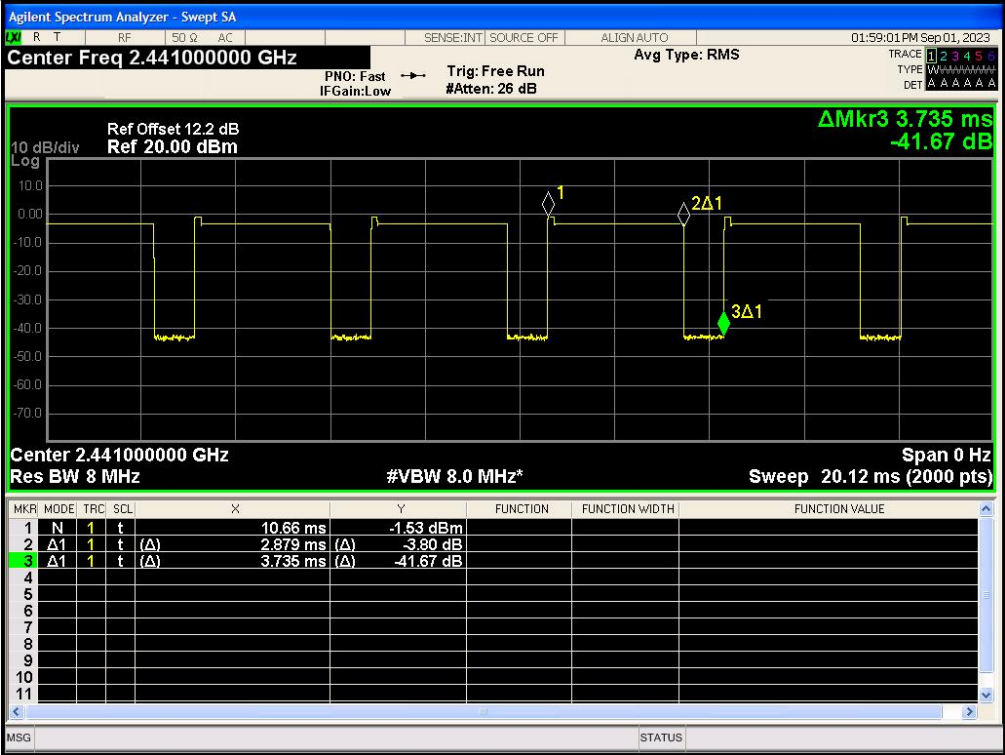
GFSK(DH5)_Channel 39



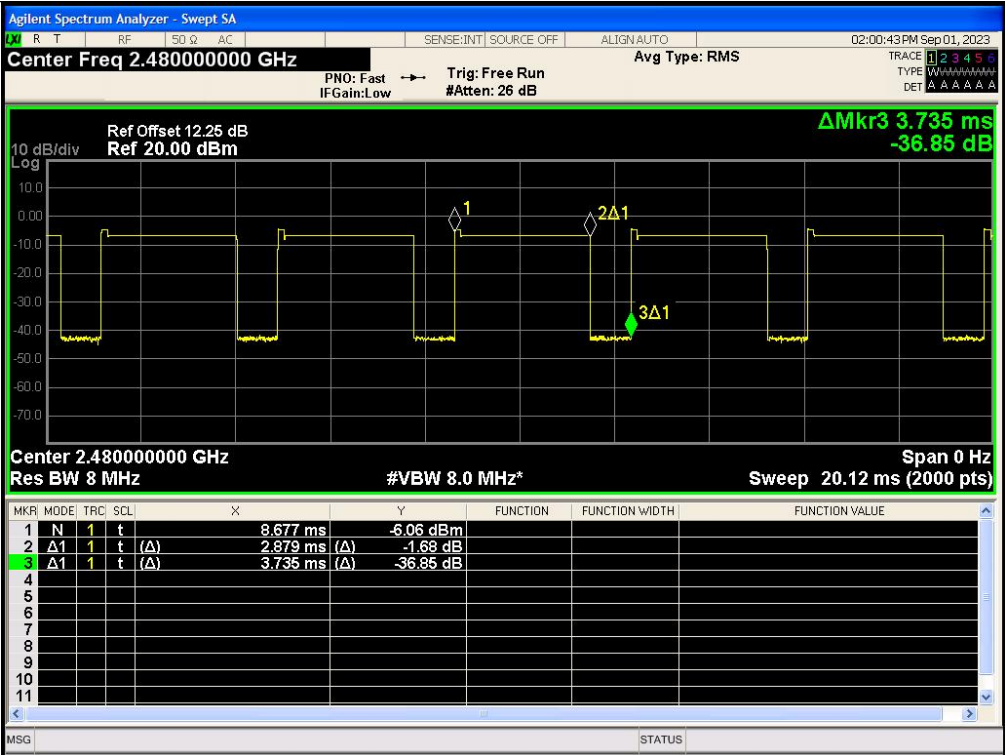
GFSK(DH5)_Channel 78



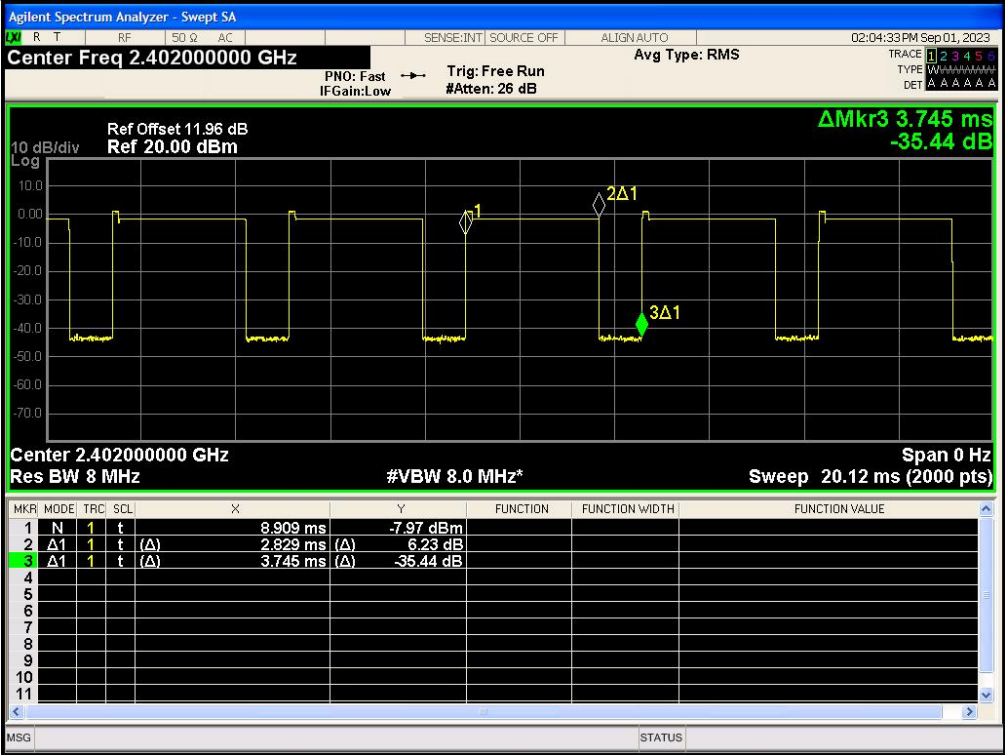
π/4DQPSK(2-DH5)_Channel 0



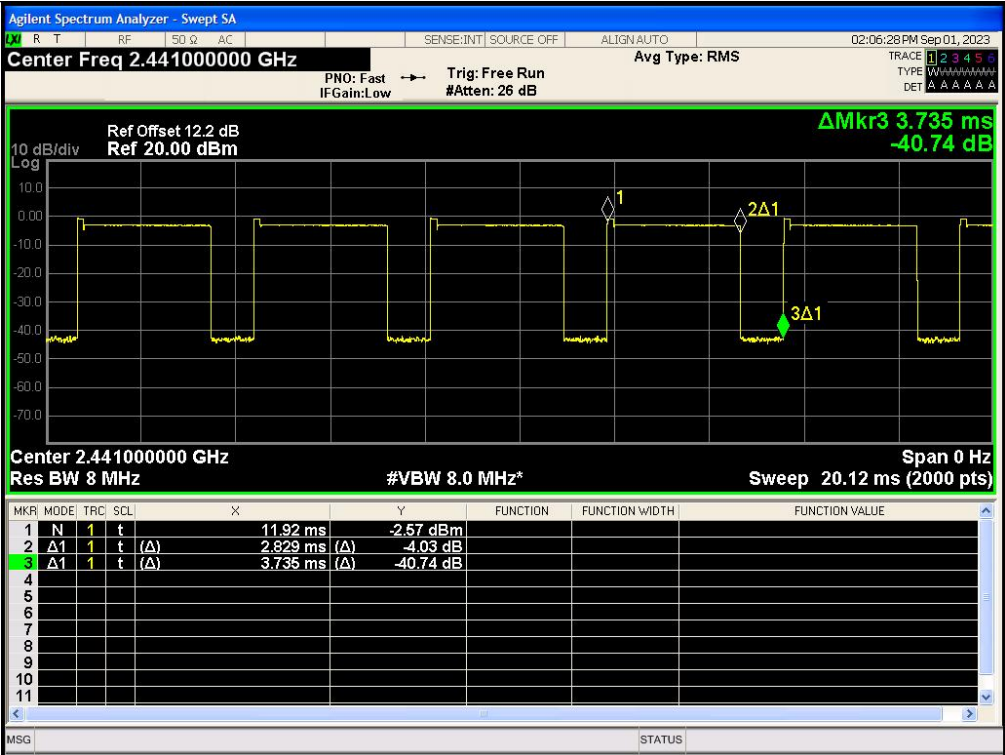
π/4DQPSK(2-DH5)_Channel 39



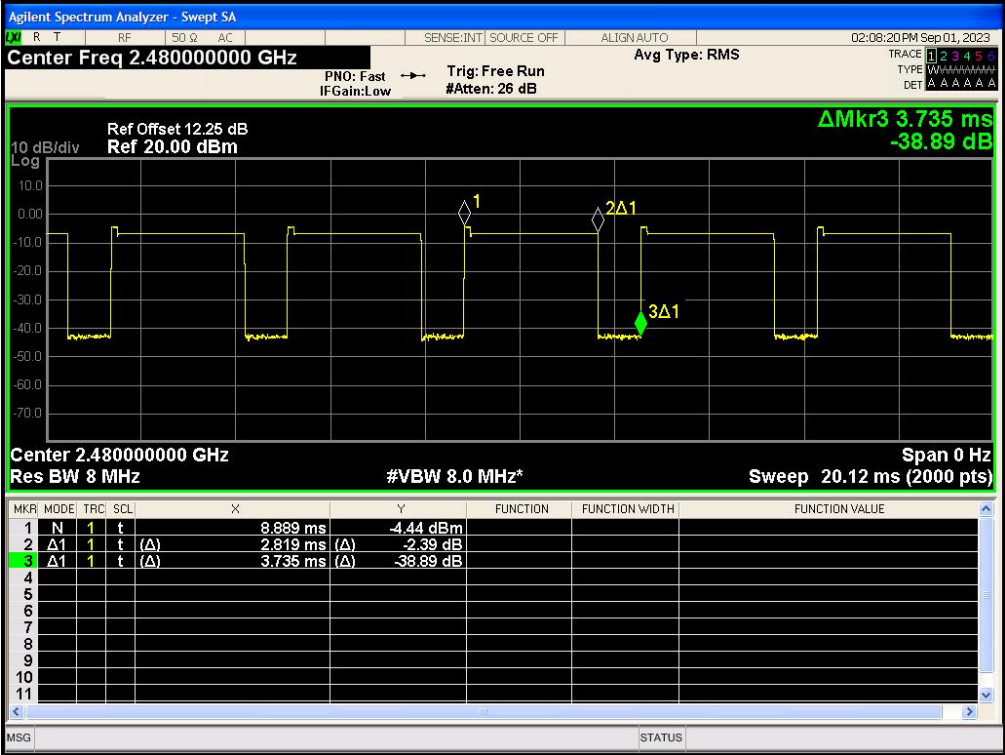
π/4DQPSK(2-DH5)_Channel 78



8DPSK(3-DH5)_Channel 0



8DPSK(3-DH5)_Channel 39



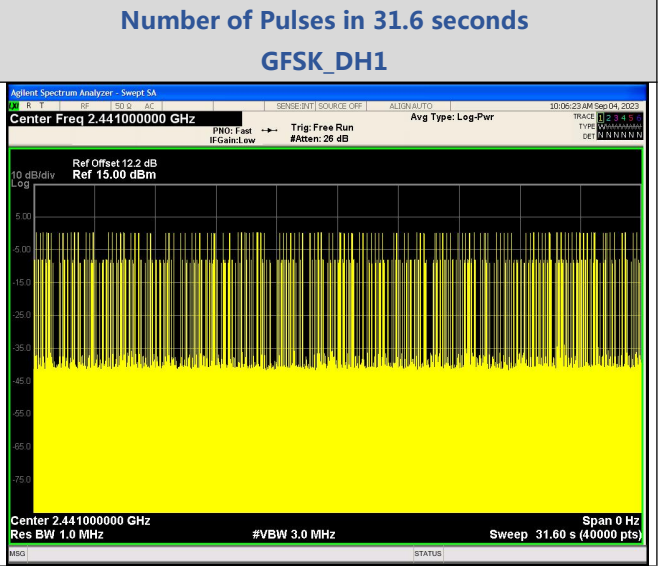
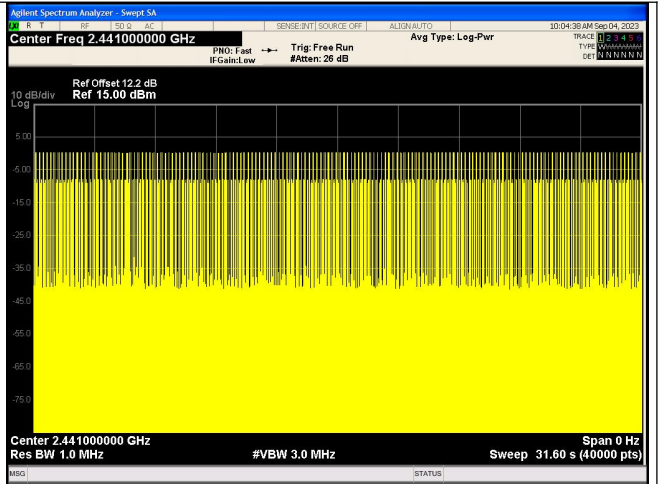
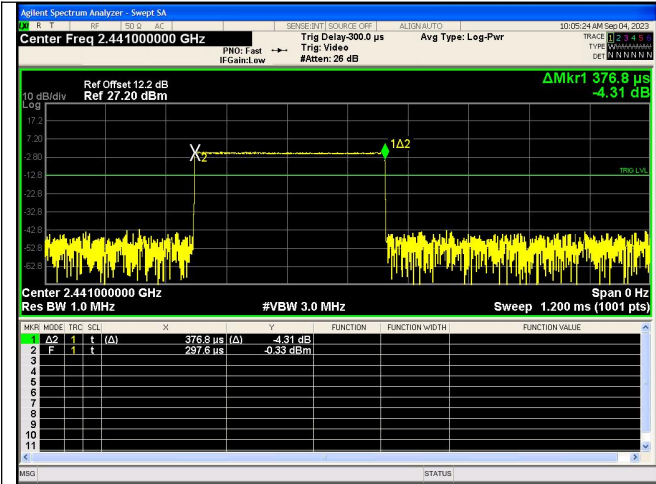
8DPSK(3-DH5)_Channel 78

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
π /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

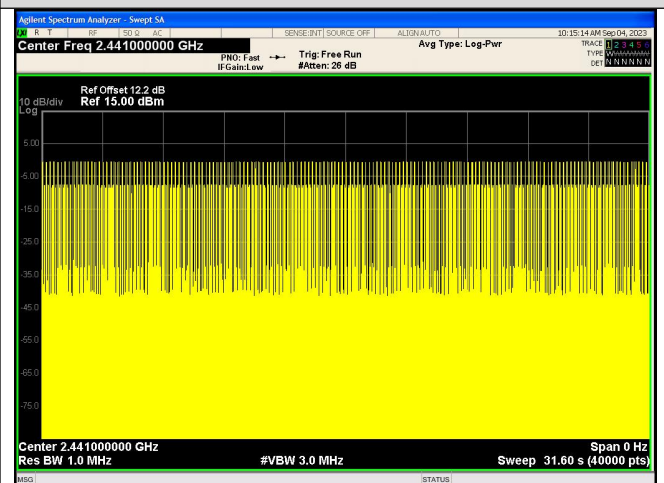
Test Graphs



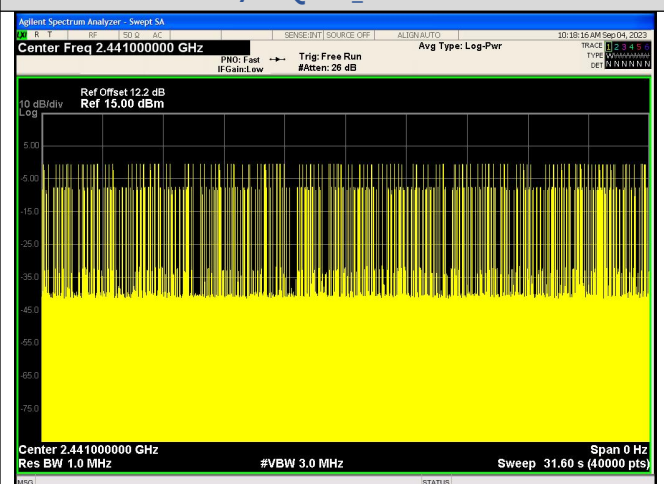
Number of Pulses in 31.6 seconds
GFSK_DH3



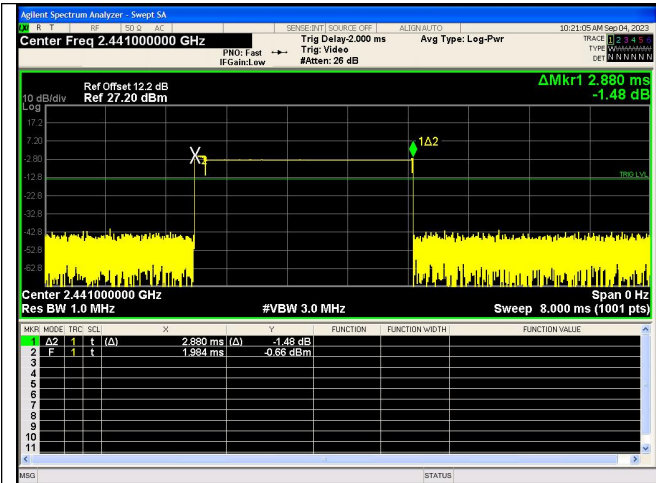
Number of Pulses in 31.6 seconds
GFSK_DH5

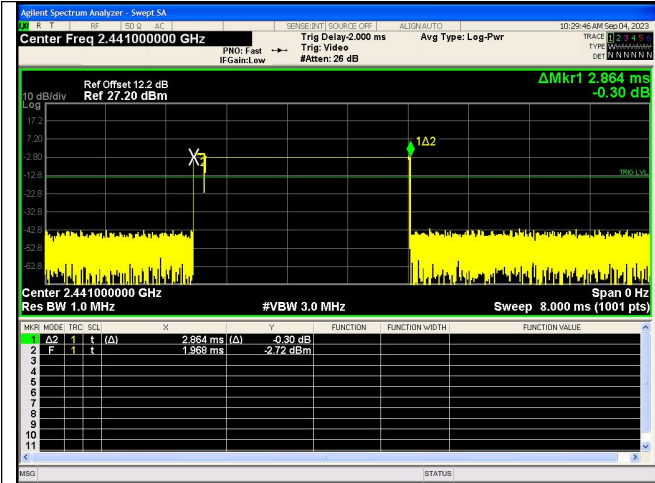


Number of Pulses in 31.6 seconds
 $\pi/4$ DQPSK_2-DH1

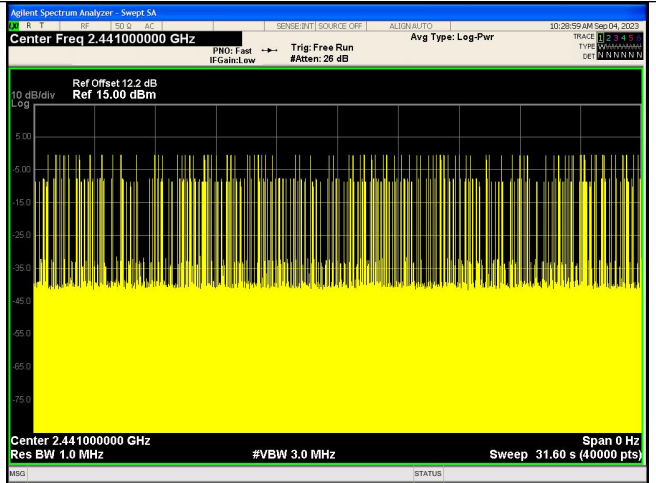


Number of Pulses in 31.6 seconds
 $\pi/4$ DQPSK_2-DH3





Pulse Width
8DPSK_3-DH5



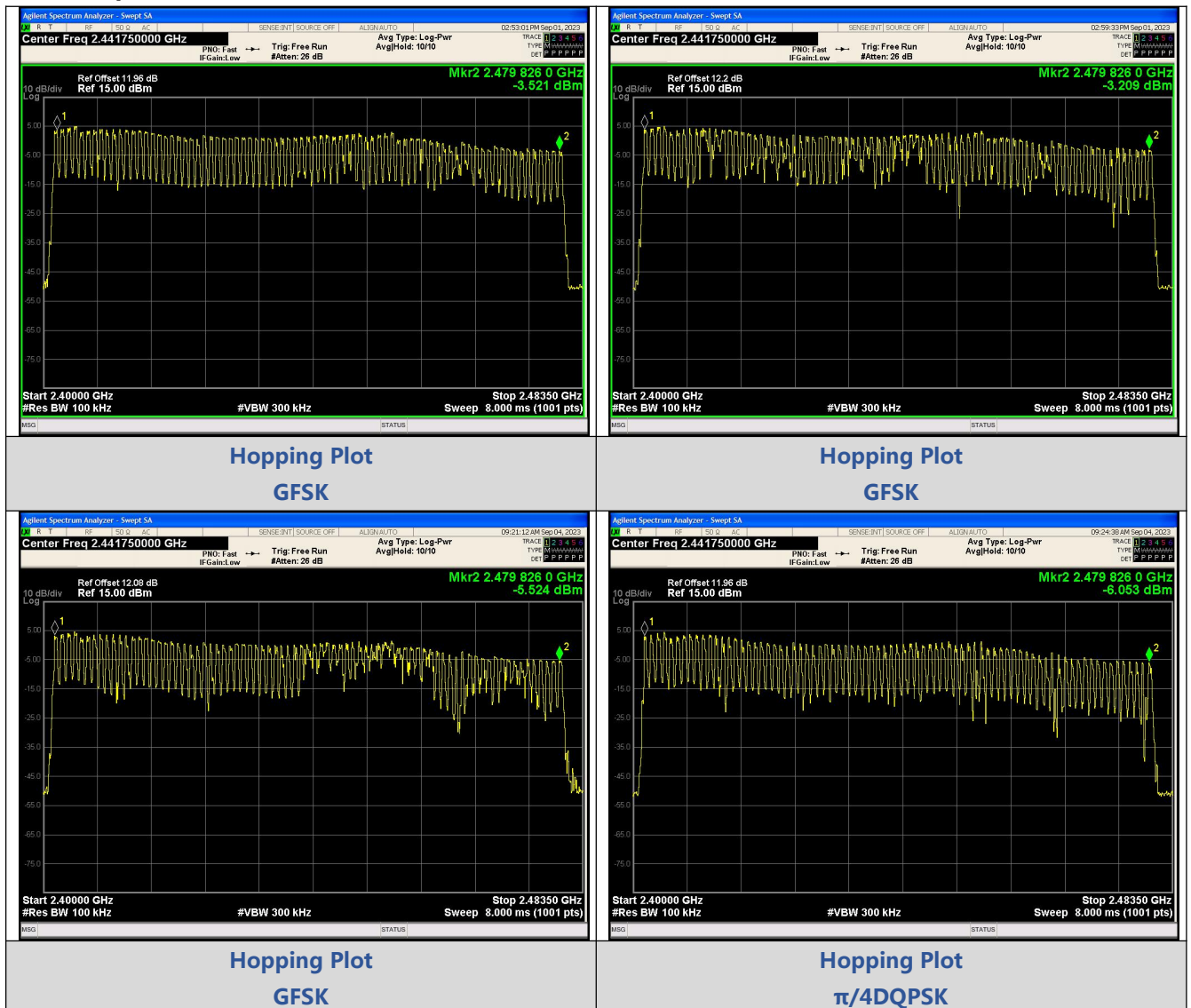
Number of Pulses in 31.6 seconds
8DPSK_3-DH5

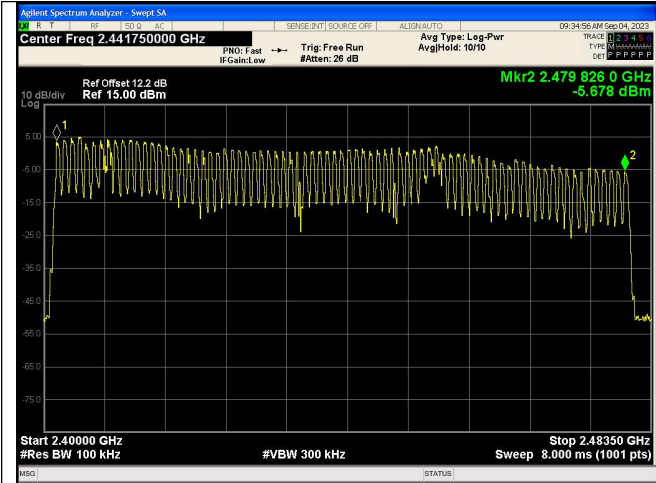
APPENDIX VIII. Number Of Hopping Channel

Test Result

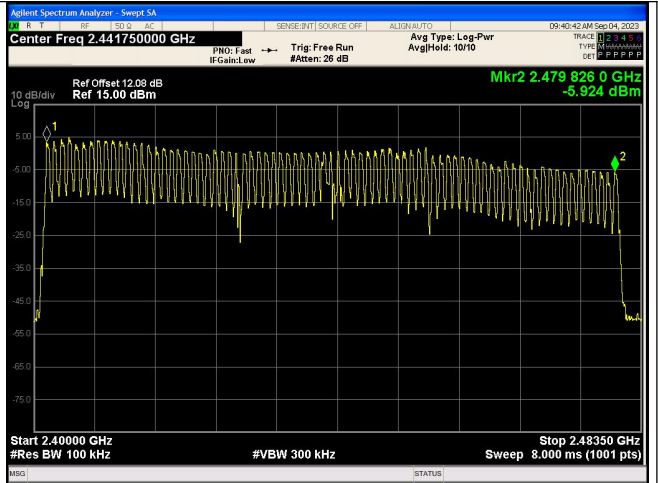
Modulation	Packet	Number of Hopping Channel	Limit	Result
GFSK	DH5	79	15	PASS
GFSK	DH5	79	15	PASS
GFSK	DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS

Test Graphs





Hopping Plot
 $\pi/4$ DQPSK



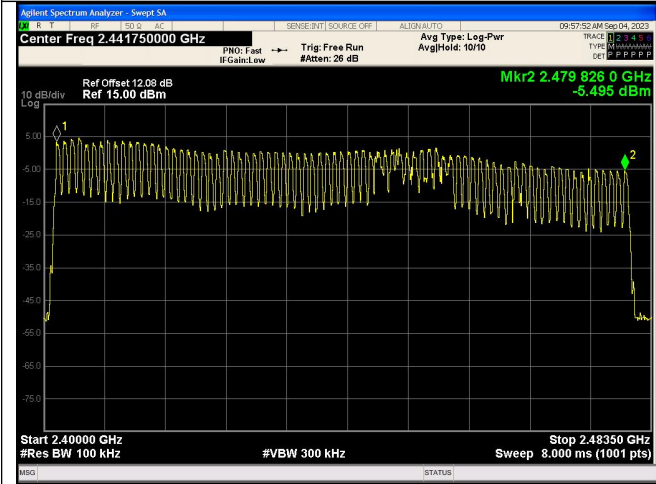
Hopping Plot
 $\pi/4$ DQPSK



Hopping Plot
8DPSK



Hopping Plot
8DPSK



Hopping Plot
8DPSK

Void