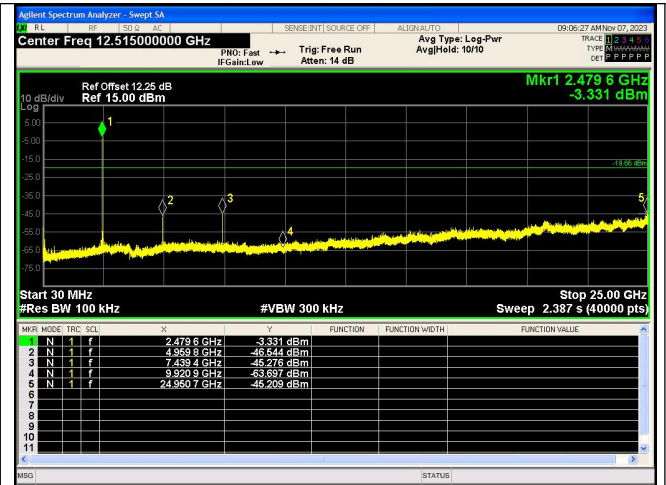
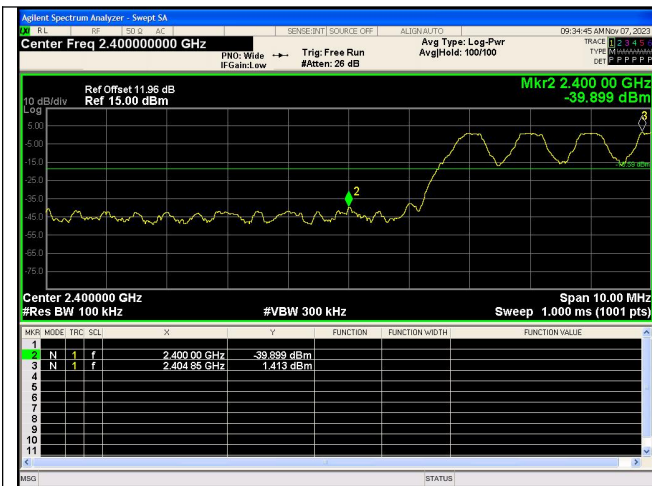


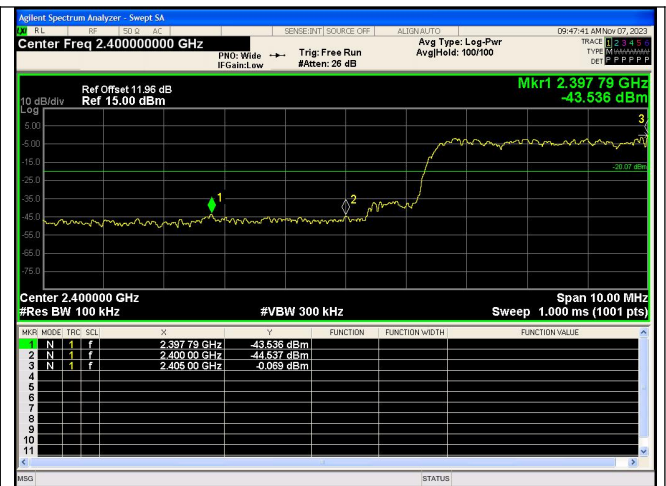
Spurious Emission
GFSK_DH5_Channel 78



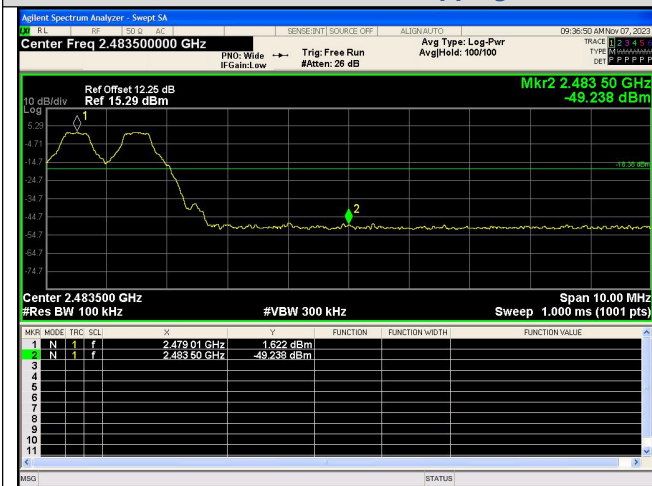
Spurious Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



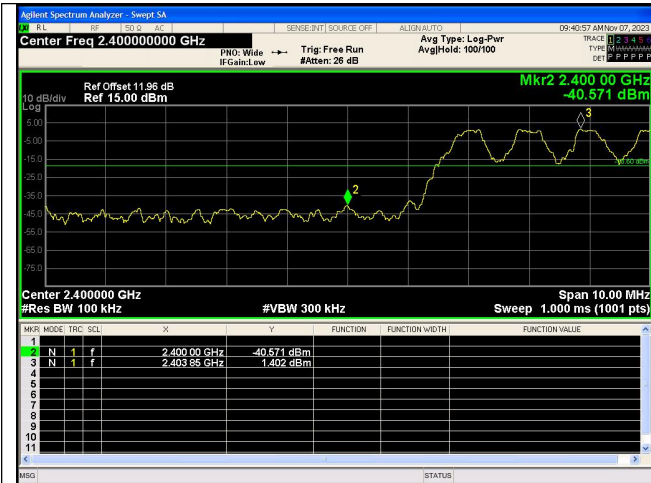
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



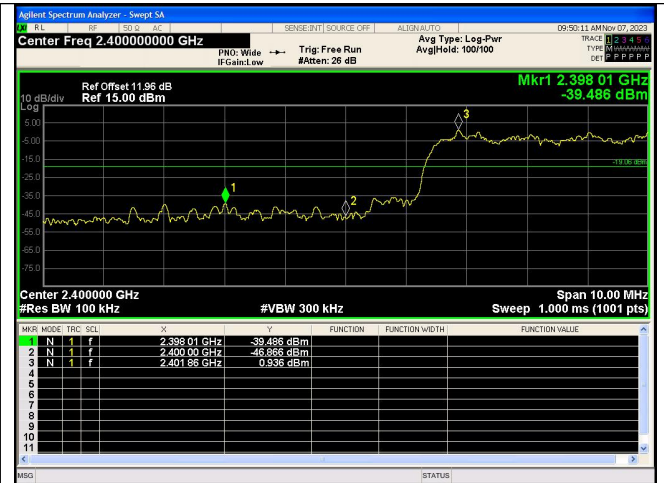
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



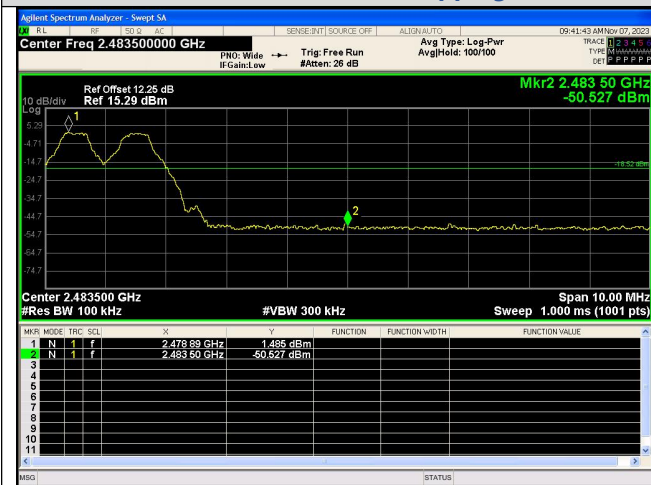
Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



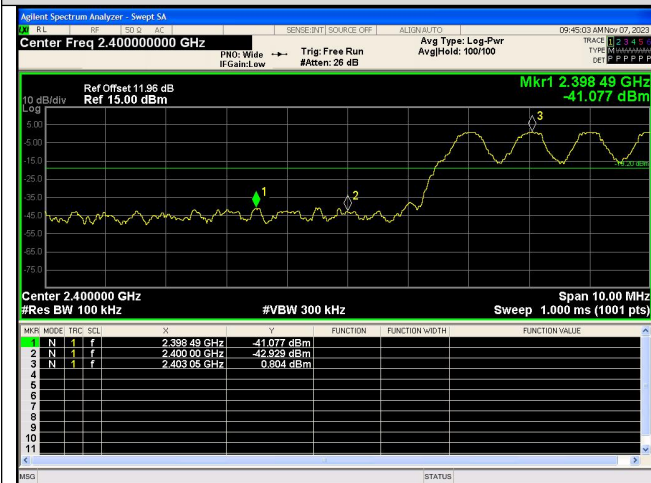
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



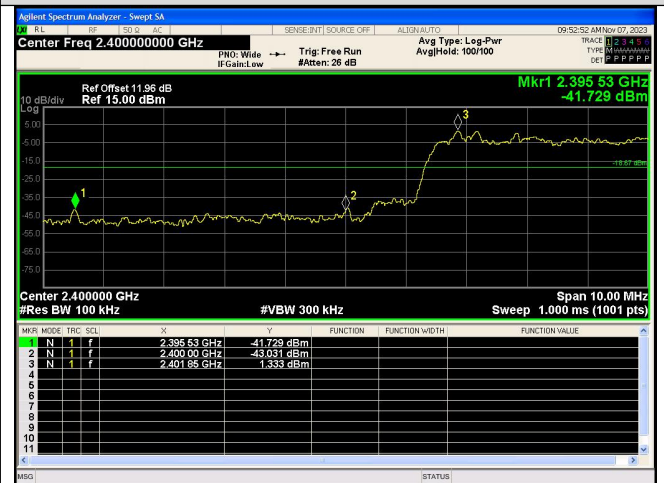
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



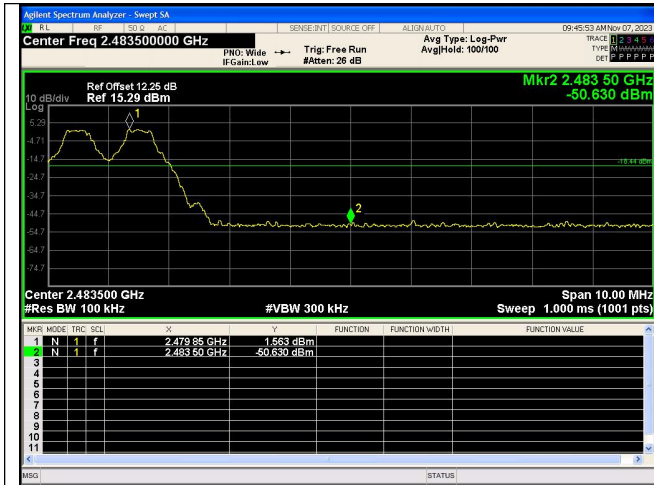
Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



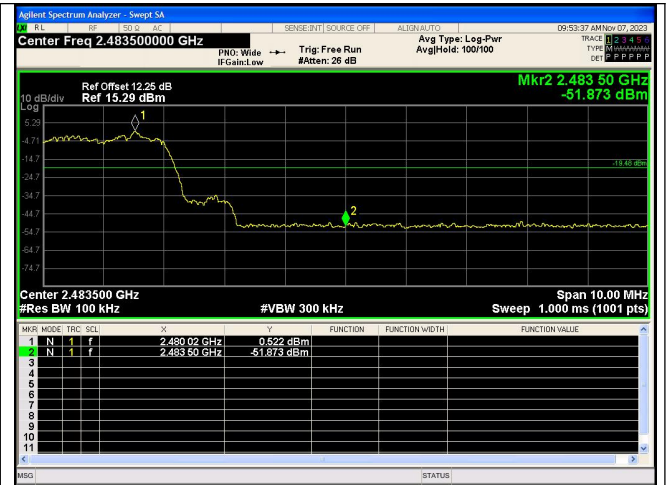
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



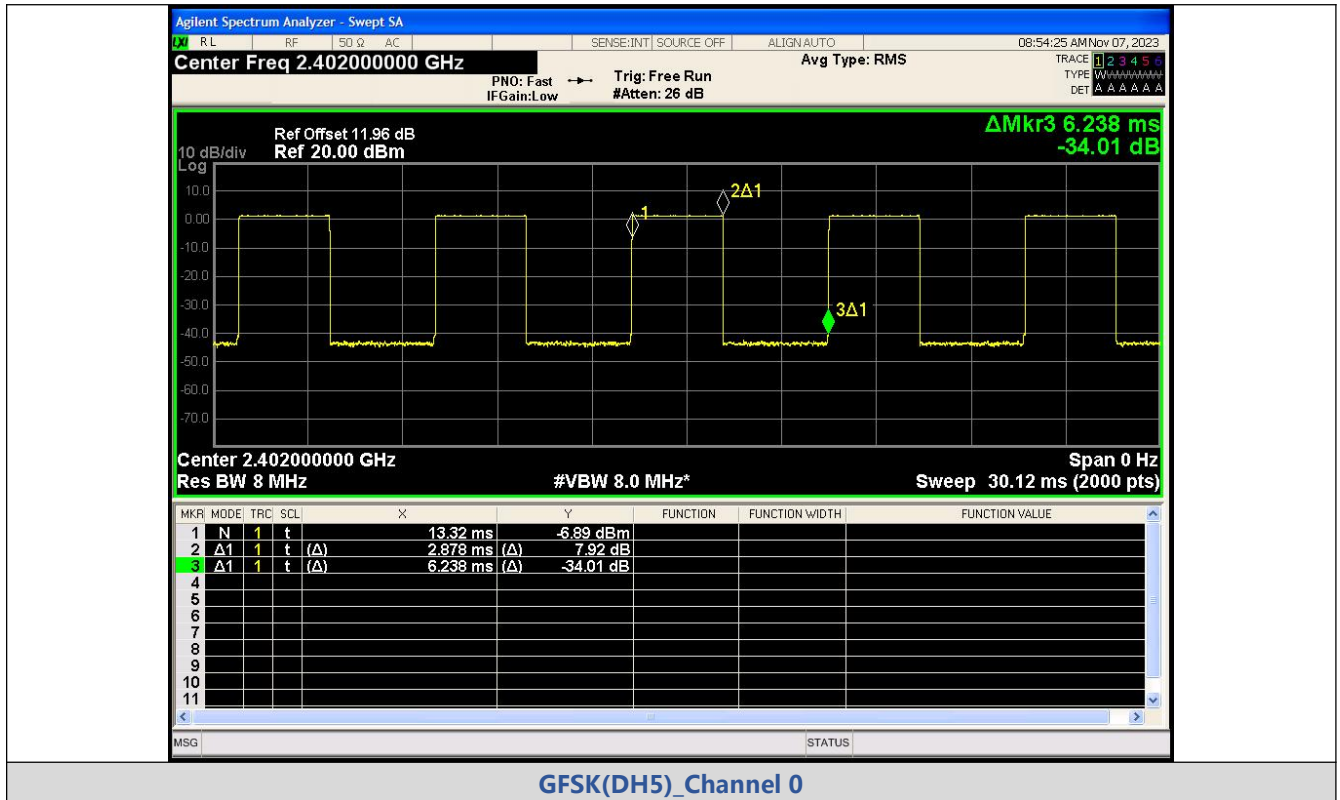
Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping

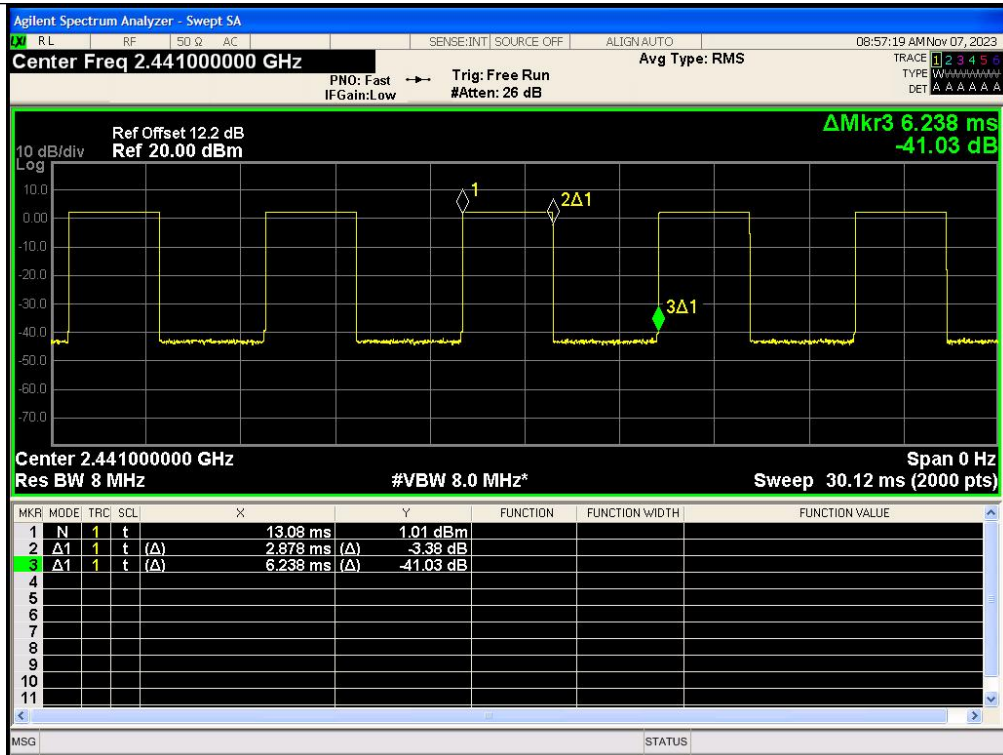
APPENDIX VI. Duty Cycle

Test Result

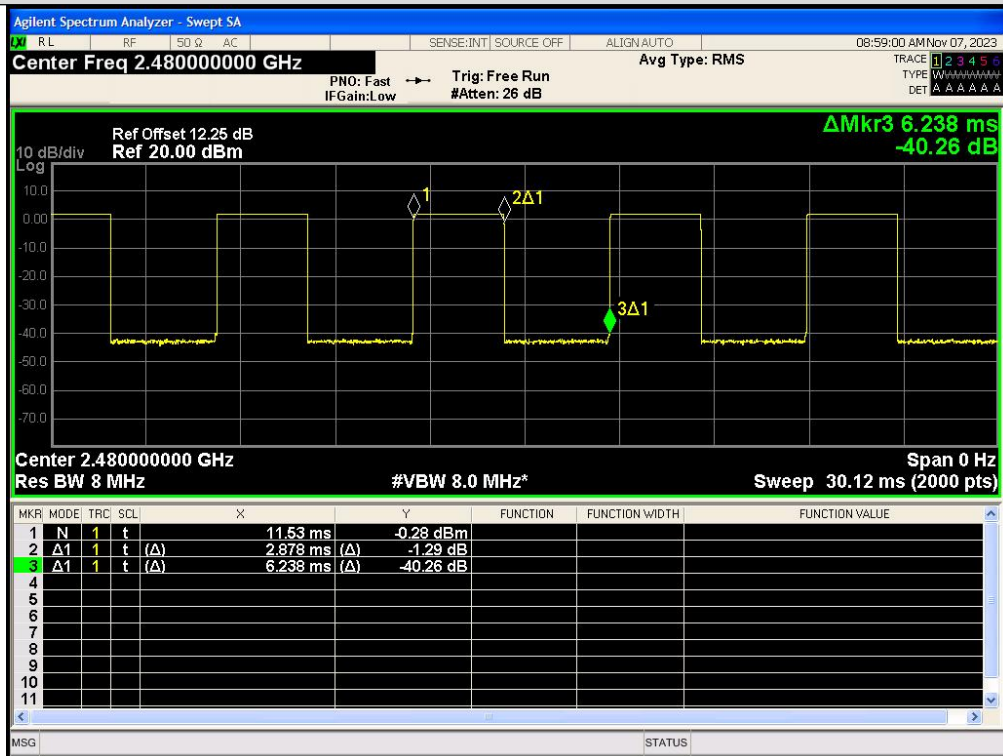
Modulation	Packets	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
GFSK	DH5	0	2.878	6.238	46.14	0.4614	3.3592
		39	2.878	6.238	46.14	0.4614	3.3592
		78	2.878	6.238	46.14	0.4614	3.3592
$\pi/4$ DQPSK	2-DH5	0	2.878	6.238	46.14	0.4614	3.3592
		39	2.878	6.238	46.14	0.4614	3.3592
		78	2.878	6.238	46.14	0.4614	3.3592

Test Graphs

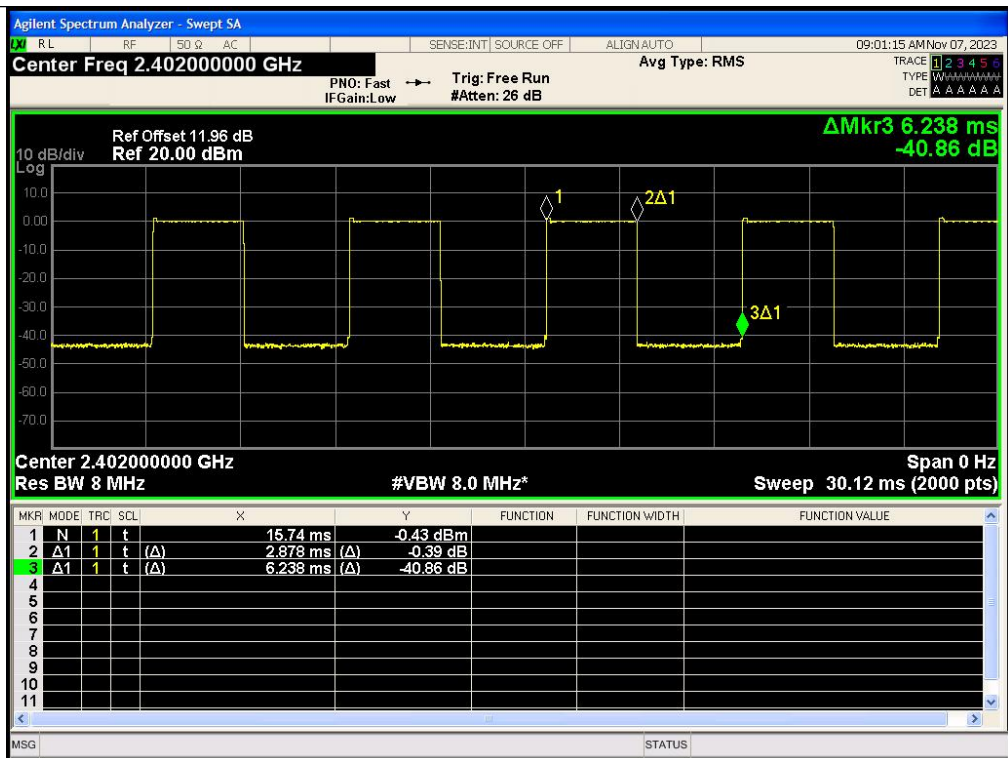




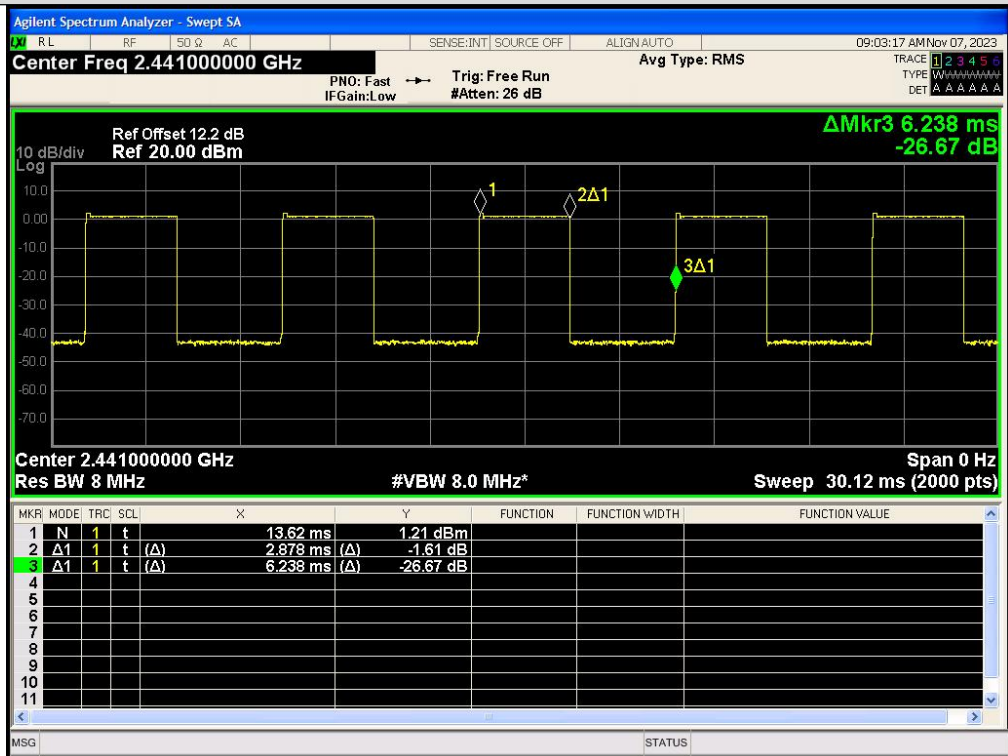
GFSK(DH5)_Channel 39



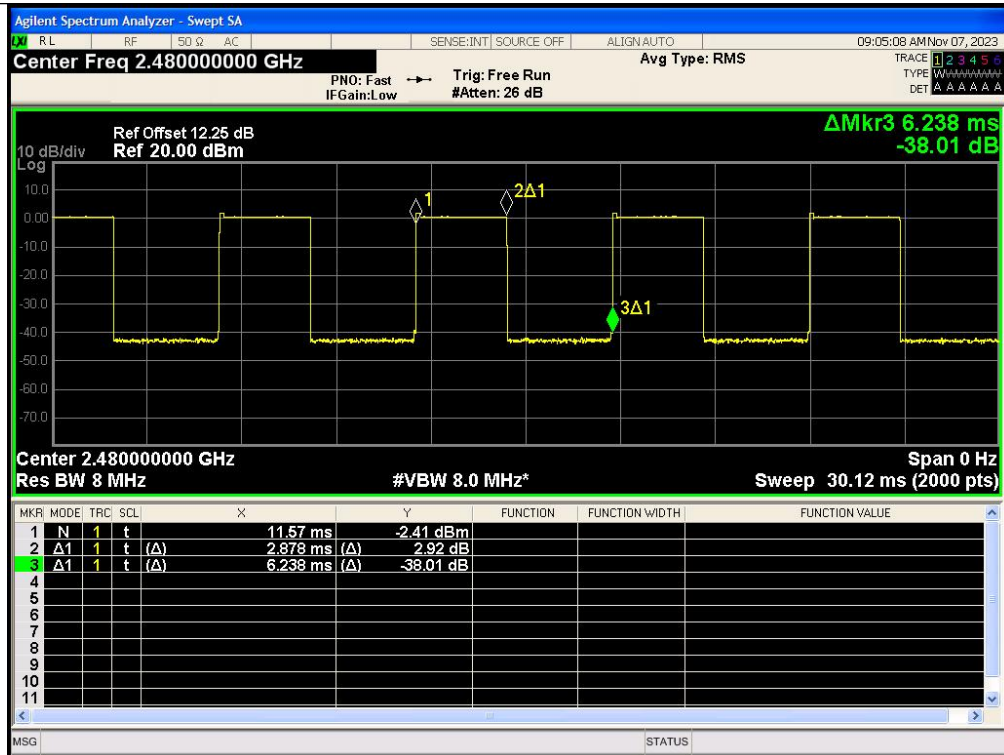
GFSK(DH5)_Channel 78



π/4DQPSK(2-DH5)_Channel 0



π/4DQPSK(2-DH5)_Channel 39



$\pi/4$ DQPSK(2-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)	0.9048	71	64.24	< 400	PASS
	DH3		2.880	50	144.0		PASS
	DH5		2.872	58	166.58		PASS
$\pi/4$ DQPSK	2-DH1		0.9024	54	48.73		PASS
	2-DH3		2.880	72	207.36		PASS
	2-DH5		2.880	65	187.2		PASS

Test Graphs

MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
2	F	1	t	(A)	904.8 μs (A)	4.43 dB		
3	F	1	t	(A)	295.2 μs	-1.18 dBm		

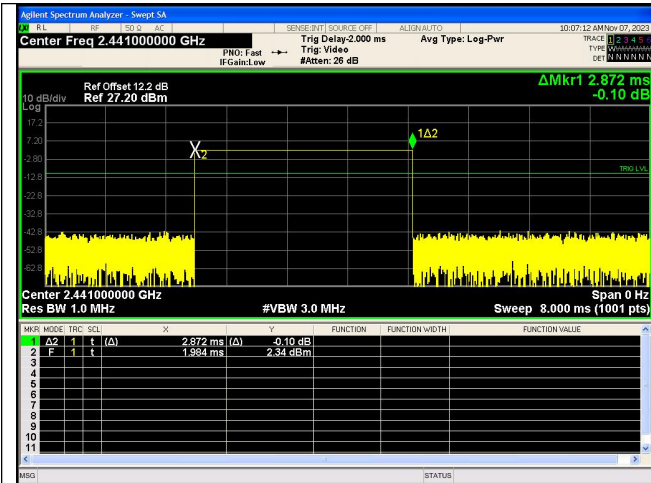
MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
2	A2	1	t	(A)	2.880 ms (A)	-0.11 dB		
3	F	1	t	(A)	2.976 ms	2.35 dBm		

Pulse Width
GFSK_DH1

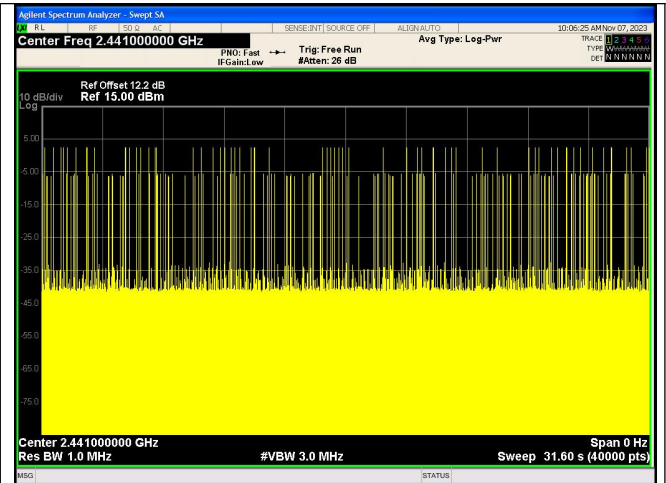
Number of Pulses in 31.6 seconds
GFSK_DH1

Pulse Width
GFSK_DH3

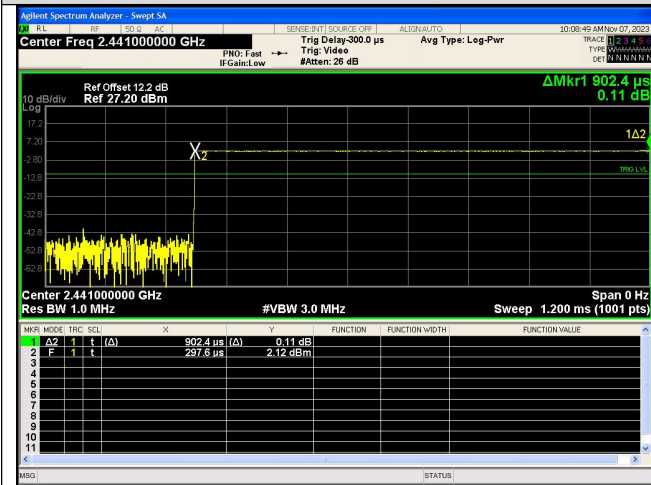
Number of Pulses in 31.6 seconds
GFSK_DH3



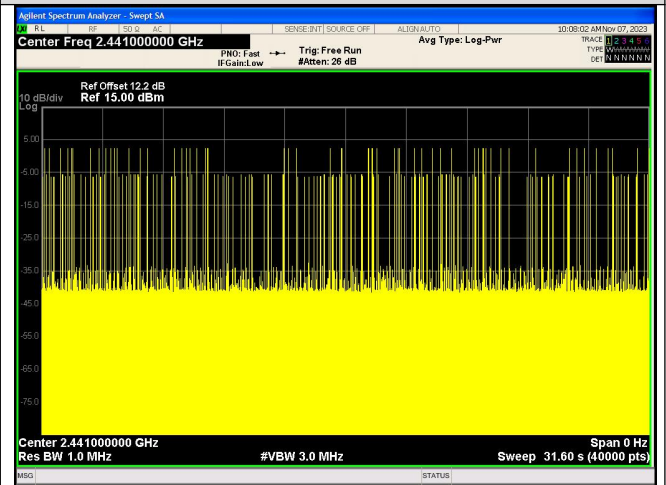
Pulse Width
GFSK_DH5



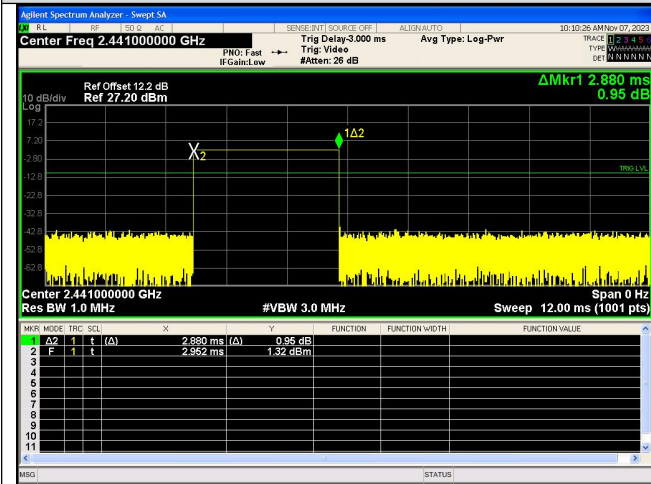
Number of Pulses in 31.6 seconds
GFSK_DH5



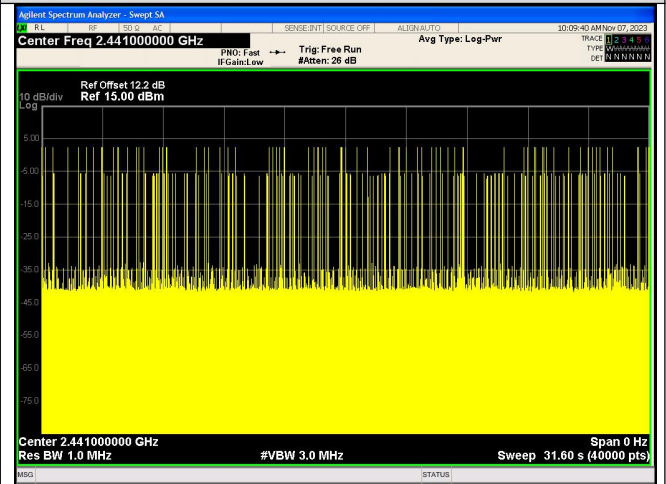
Pulse Width
 $\pi/4$ DQPSK_2-DH1



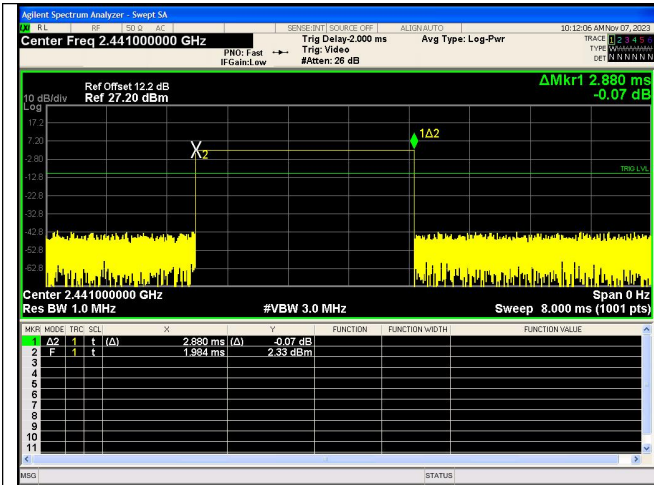
Number of Pulses in 31.6 seconds
 $\pi/4$ DQPSK_2-DH1



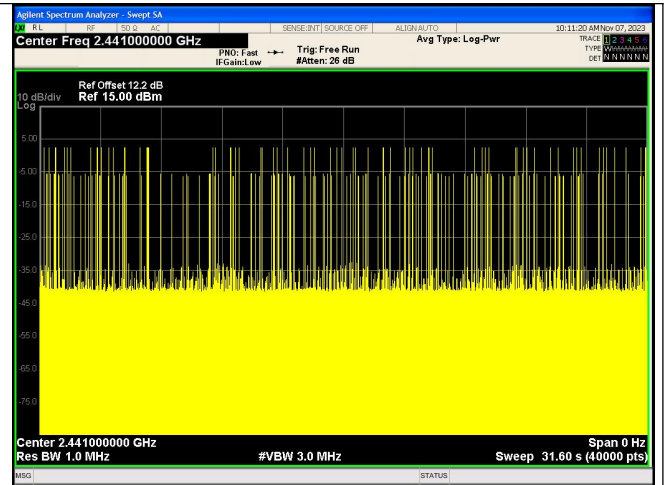
Pulse Width
 $\pi/4$ DQPSK_2-DH3



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



Pulse Width
 $\pi/4$ DQPSK_2-DH5



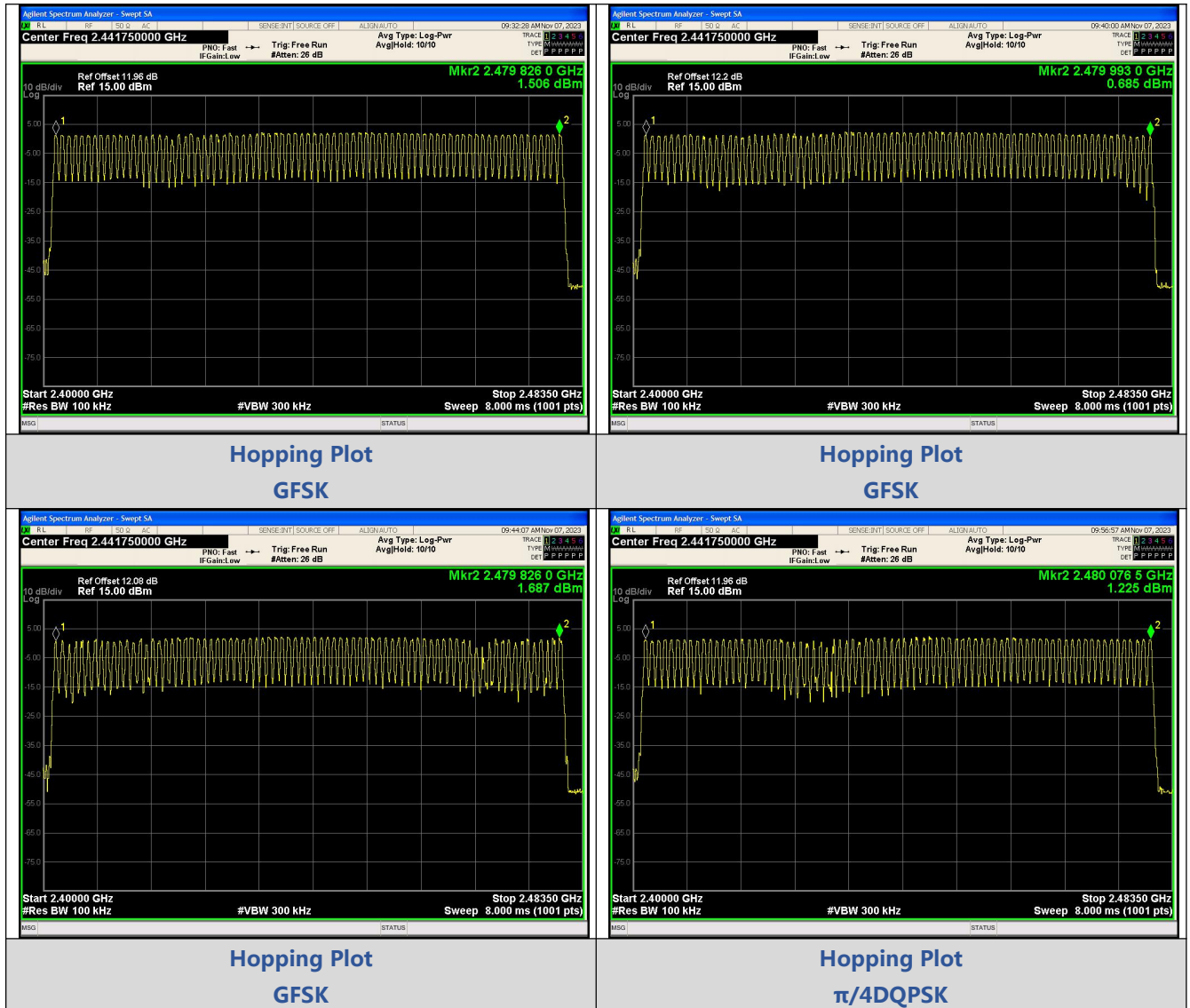
Number of Pulses in 31.6 seconds
 $\pi/4$ DQPSK_2-DH5

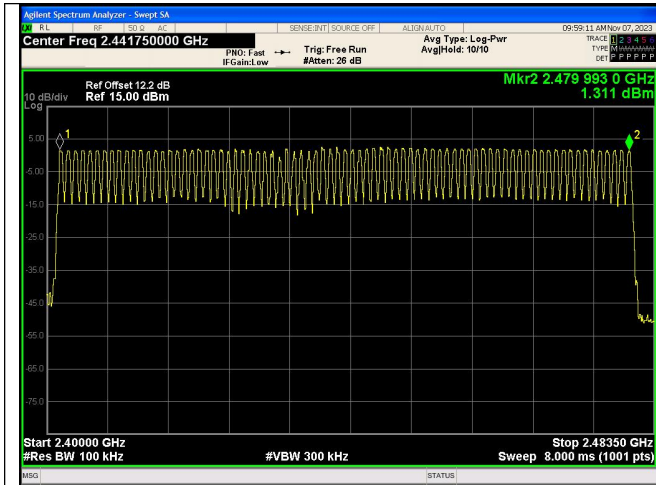
APPENDIX VIII. Number Of Hopping Channel

Test Result

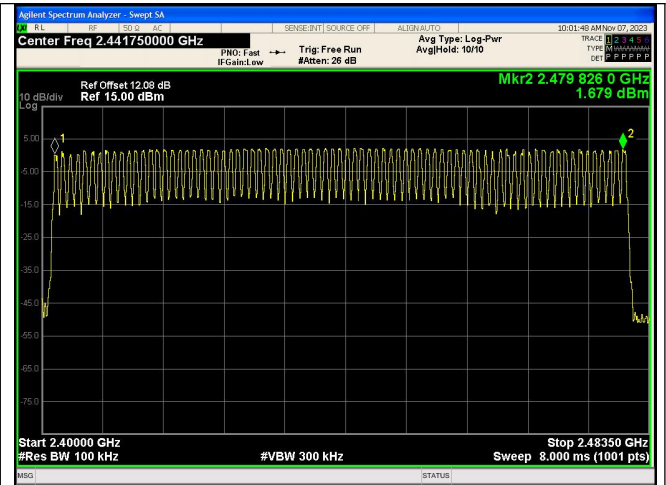
Modulation	Packet	Number of Hopping Channel	Limit	Result
GFSK	DH5	79	15	PASS
GFSK	DH5	79	15	PASS
GFSK	DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS

Test Graphs





Hopping Plot
 $\pi/4$ DQPSK



Hopping Plot
 $\pi/4$ DQPSK

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