

FCC ID: 2AT9N-WS-L

IC: 25357-WSL

Test Data

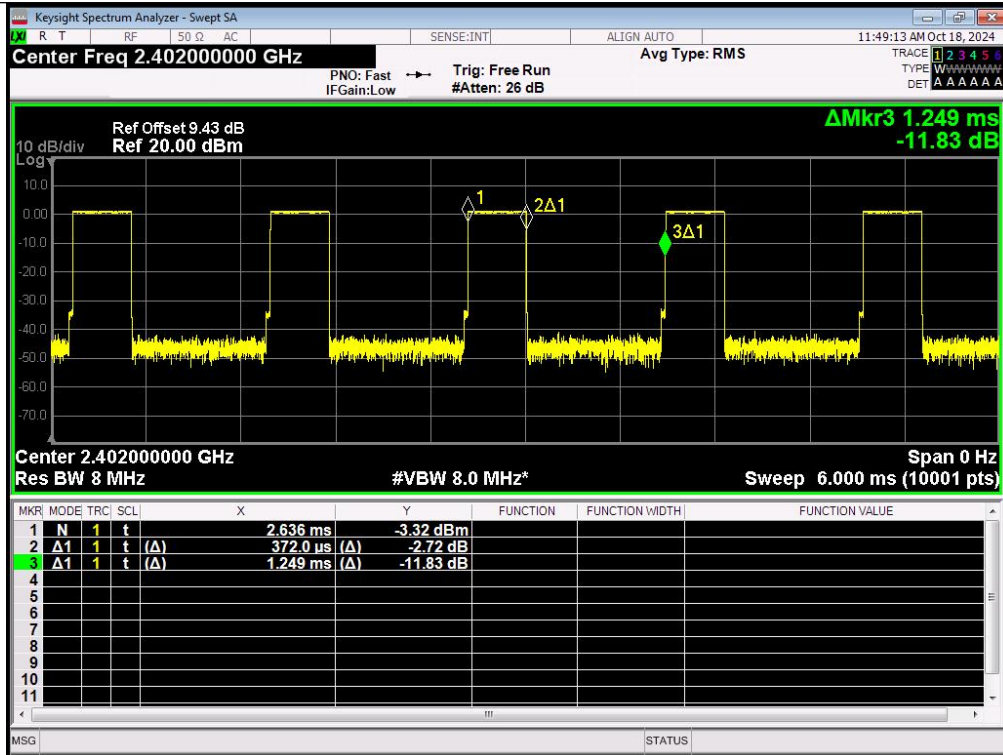
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A.1 DUTY CYCLE

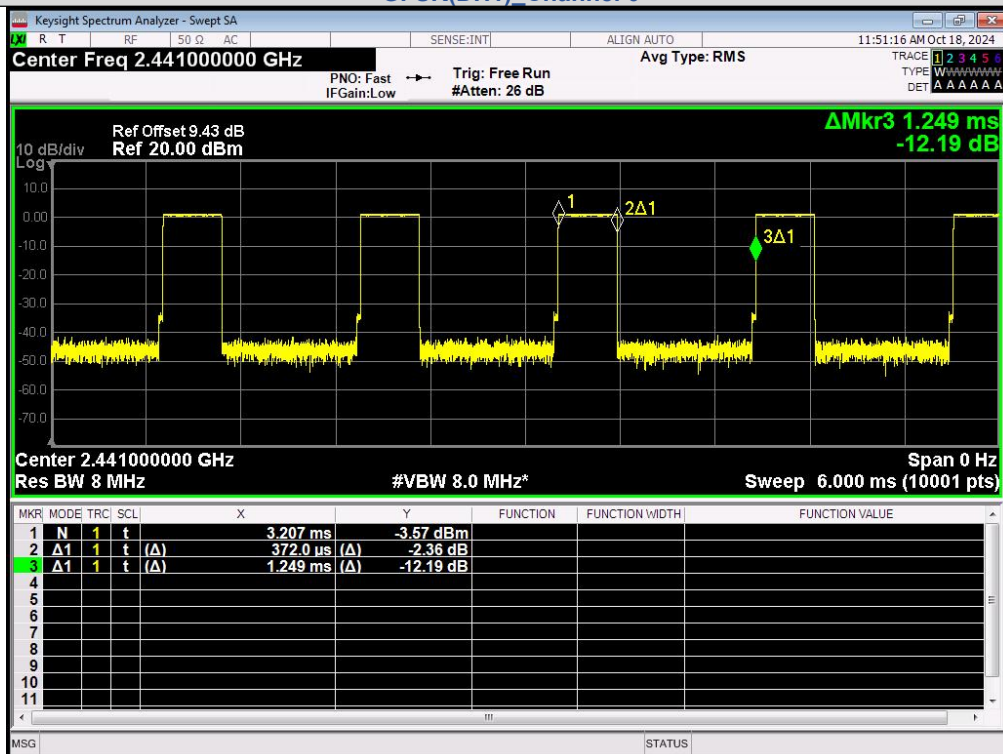
Test Result

Modulation	Packets	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)
GFSK	DH1	0	0.372	1.249	29.78	0.2978	5.2608
		39	0.372	1.249	29.78	0.2978	5.2608
		78	0.372	1.249	29.78	0.2978	5.2608
$\pi/4$ DQPSK	2-DH1	0	0.378	1.242	30.43	0.3043	5.167
		39	0.378	1.248	30.29	0.3029	5.187
		78	0.378	1.242	30.43	0.3043	5.167
8DPSK	3-DH1	0	0.378	1.242	30.43	0.3043	5.167
		39	0.378	1.248	30.29	0.3029	5.187
		78	0.378	1.242	30.43	0.3043	5.167

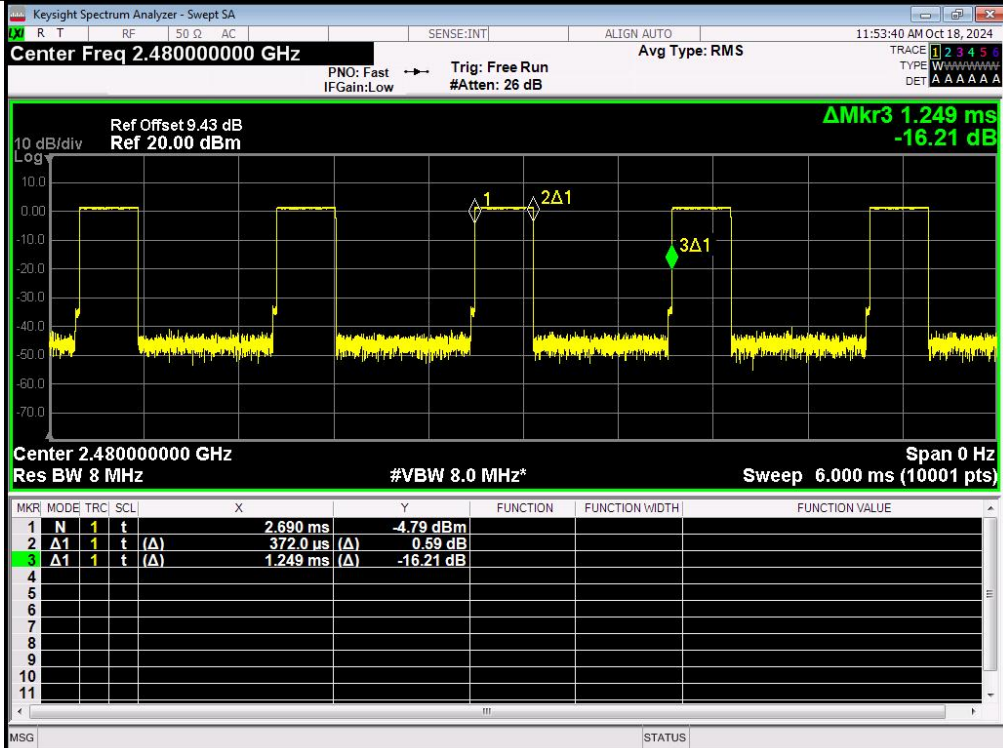
Test Graphs



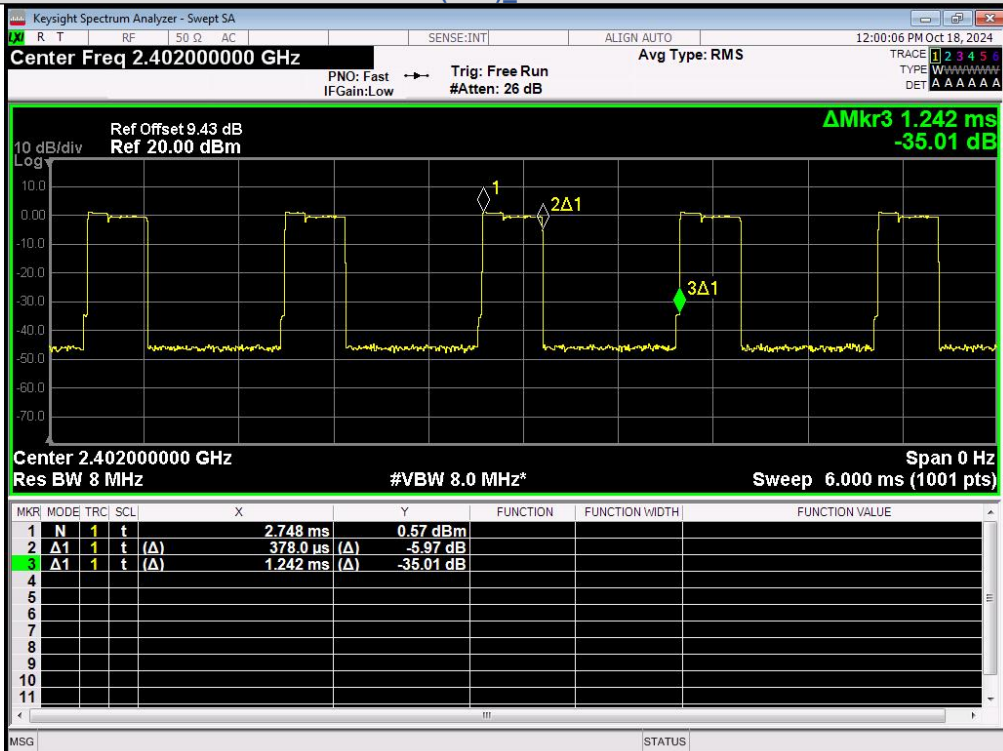
GFSK(DH1)_Channel 0



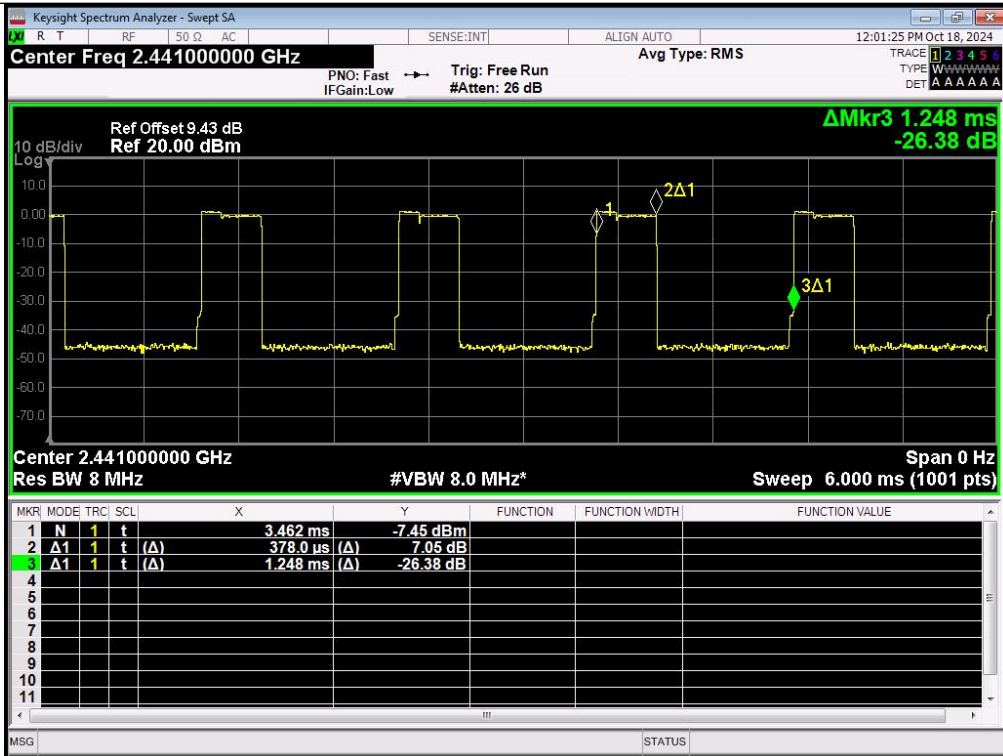
GFSK(DH1)_Channel 39



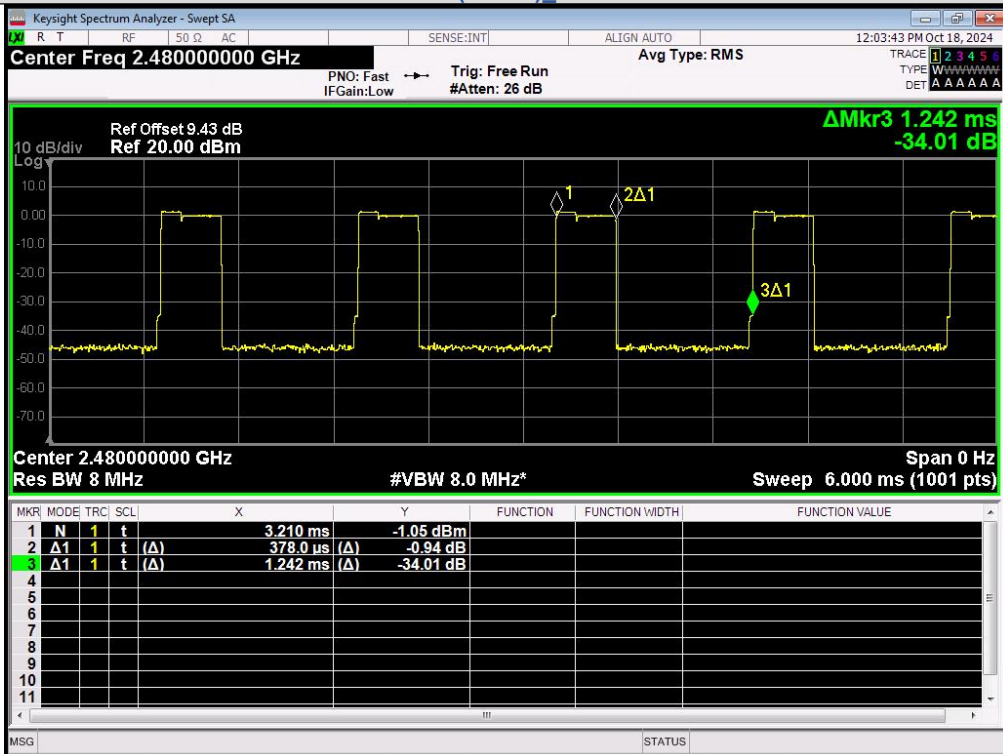
GFSK(DH1)_Channel 78



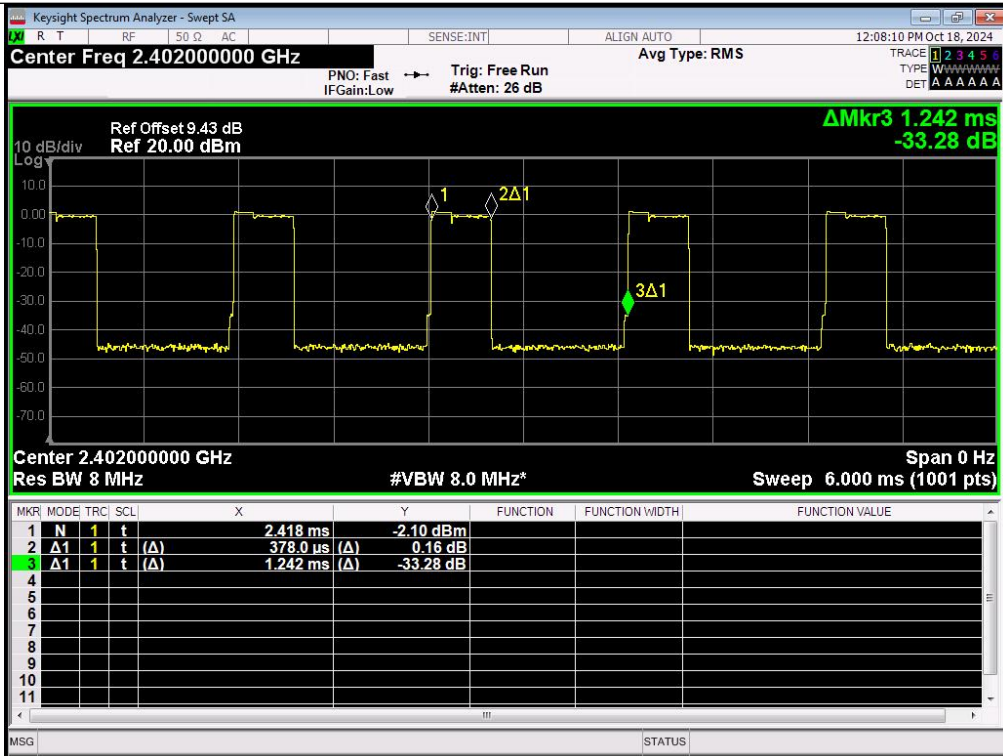
π/4DQPSK(2-DH1)_Channel 0



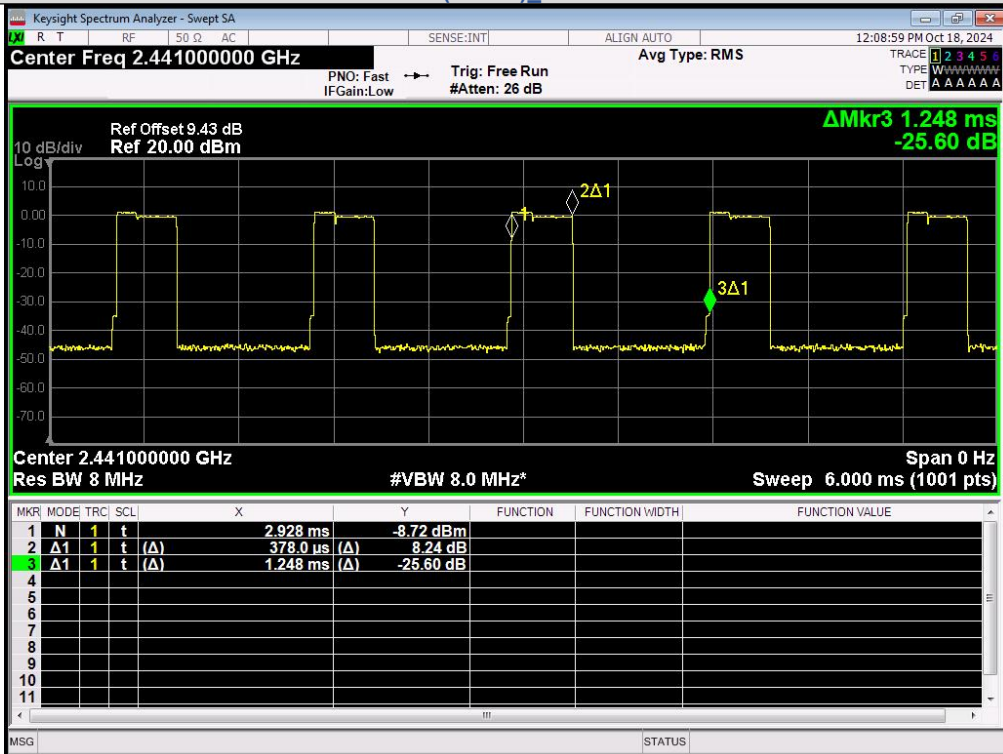
$\pi/4$ DQPSK(2-DH1)_Channel 39



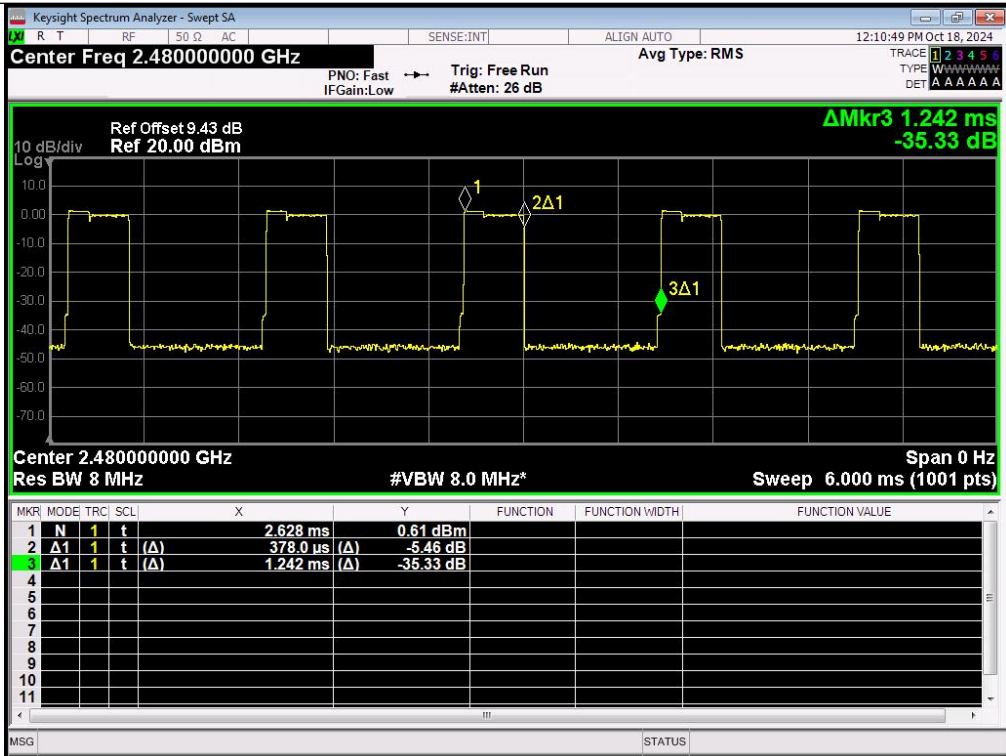
$\pi/4$ DQPSK(2-DH1)_Channel 78



8DPSK(3-DH1)_Channel 0



8DPSK(3-DH1)_Channel 39



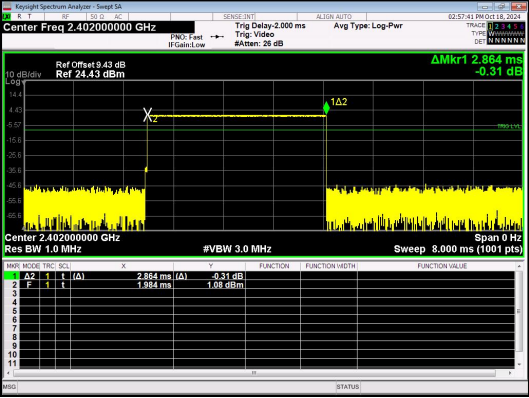
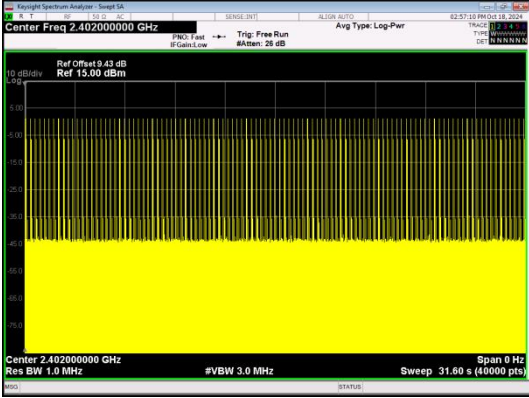
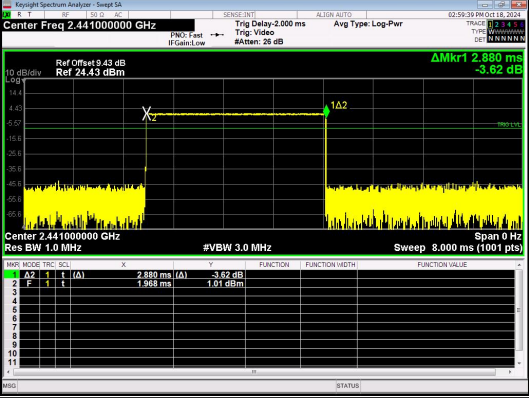
8DPSK(3-DH1)_Channel 78

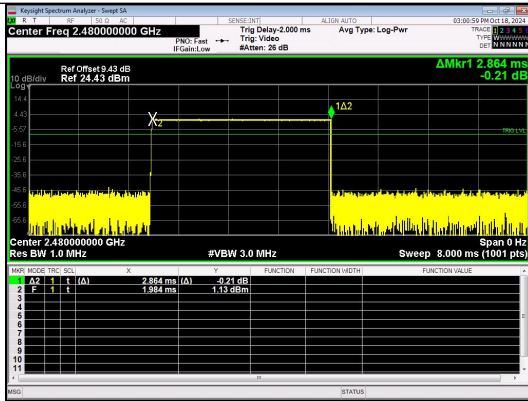
A.2 DWELL TIME

Test Result

Modulation	Packet	Channel	Pulse Width (ms)	Number of Pulses in 31.6 seconds	Dwell Time (ms)	Limit (ms)	Result
GFSK	DH5	CH0 (2402MHz)	2.864	107	306.45	< 400	PASS
	DH5	CH39 (2441MHz)	2.880	106	305.28		PASS
	DH5	CH78 (2480MHz)	2.864	107	306.45		PASS
$\pi/4$ DQPSK	2-DH5	CH0 (2402MHz)	2.880	107	308.16		PASS
	2-DH5	CH39 (2441MHz)	2.880	107	308.16		PASS
	2-DH5	CH78 (2480MHz)	2.880	107	308.16		PASS
8DPSK	3-DH5	CH0 (2402MHz)	2.880	107	308.16		PASS
	3-DH5	CH39 (2441MHz)	2.880	106	305.28		PASS
	3-DH5	CH78 (2480MHz)	2.880	107	308.16		PASS

Test Graphs

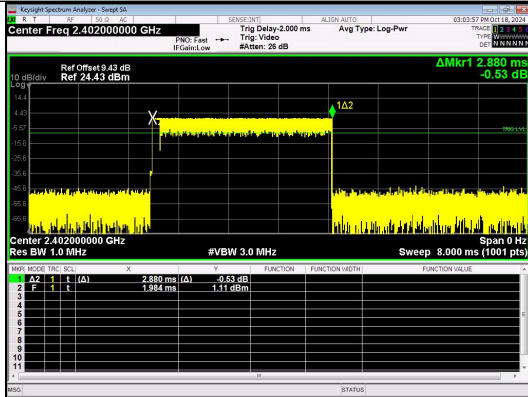
 Pulse Width GFSK DH5	 Number of Pulses in 31.6 seconds GFSK DH5
 Pulse Width GFSK DH5	 Number of Pulses in 31.6 seconds GFSK DH5



Pulse Width
GFSK_DH5



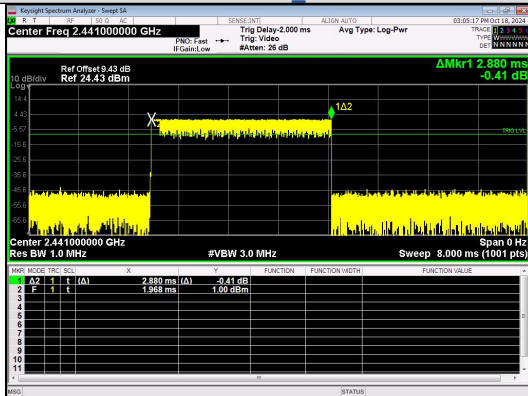
Number of Pulses in 31.6 seconds
GFSK_DH5



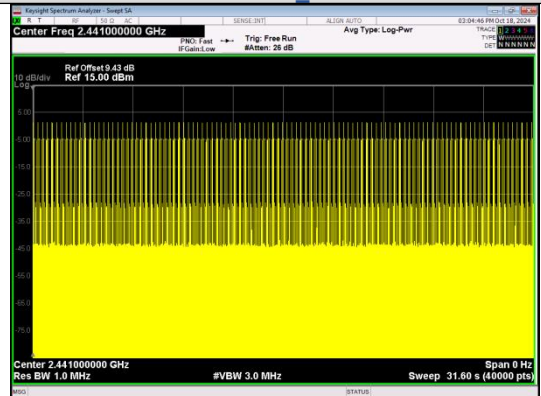
Pulse Width
 $\pi/4$ DQPSK 2-DH5



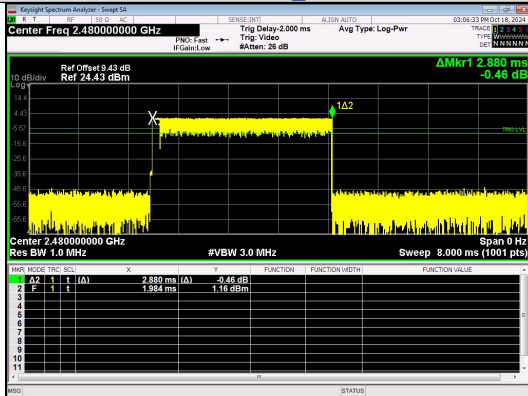
Number of Pulses in 31.6 seconds
 $\pi/4$ DQPSK 2-DH5



Pulse Width
 $\pi/4$ DQPSK 2-DH5



Number of Pulses in 31.6 seconds
 $\pi/4$ DQPSK 2-DH5



Pulse Width
 $\pi/4$ DQPSK 2-DH5



Number of Pulses in 31.6 seconds
 $\pi/4$ DQPSK 2-DH5