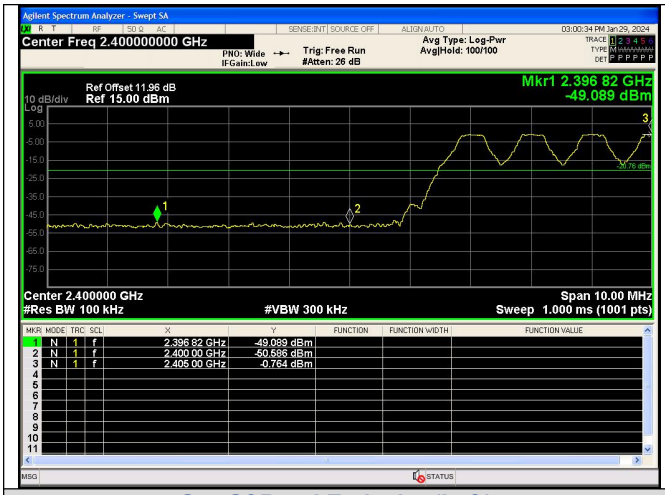
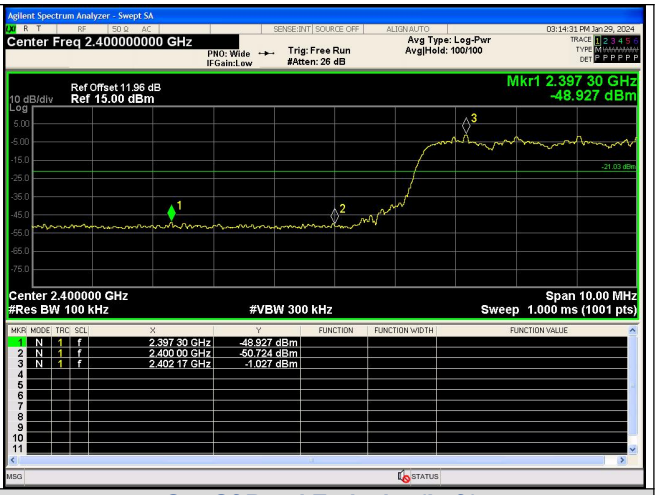
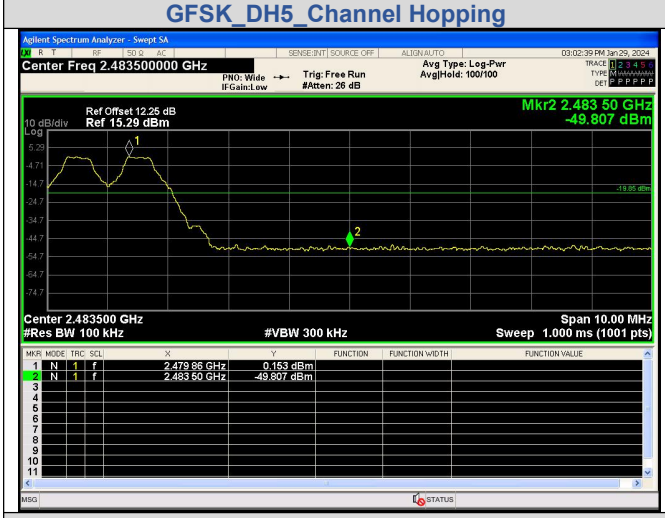


Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping

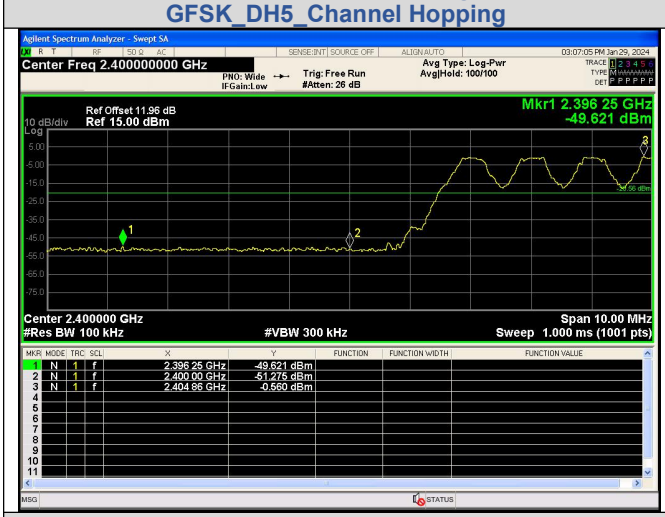


Out Of Band Emission(Left)
π/4DQPSK_2-DH5_Channel Hopping

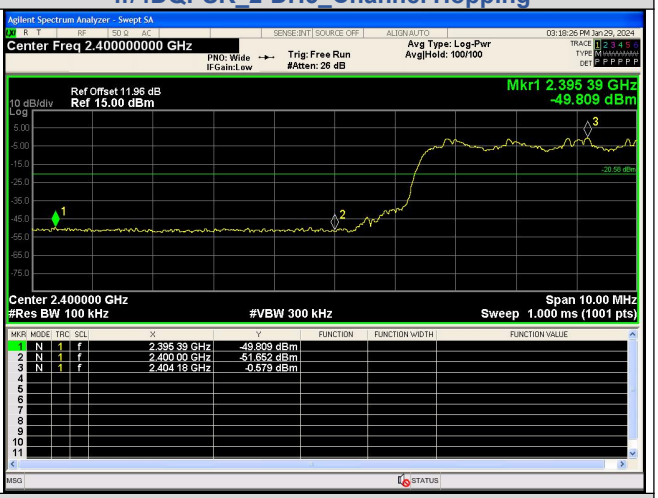


Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping

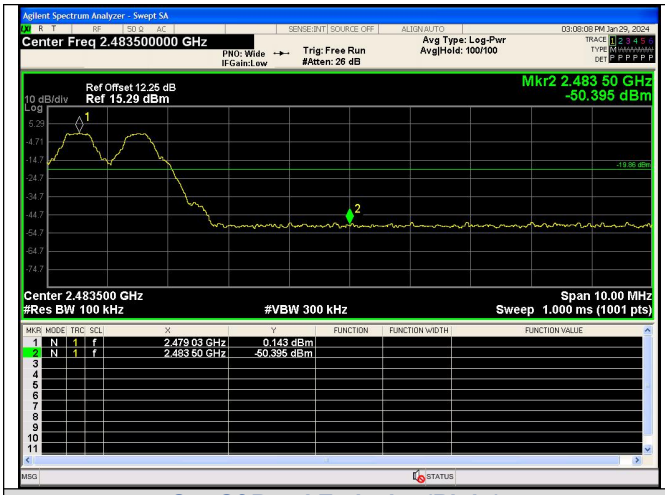
Out Of Band Emission(Right)
π/4DQPSK_2-DH5_Channel Hopping



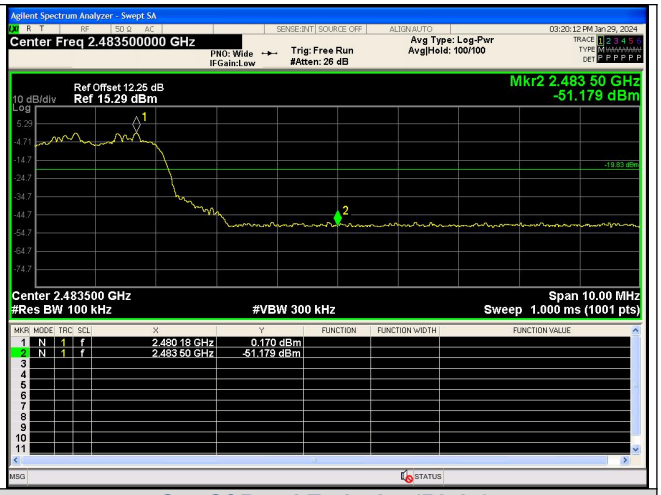
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



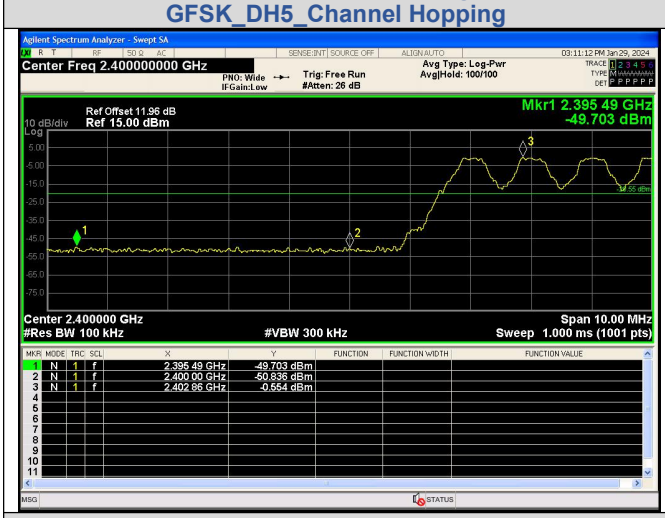
Out Of Band Emission(Left)
π/4DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping

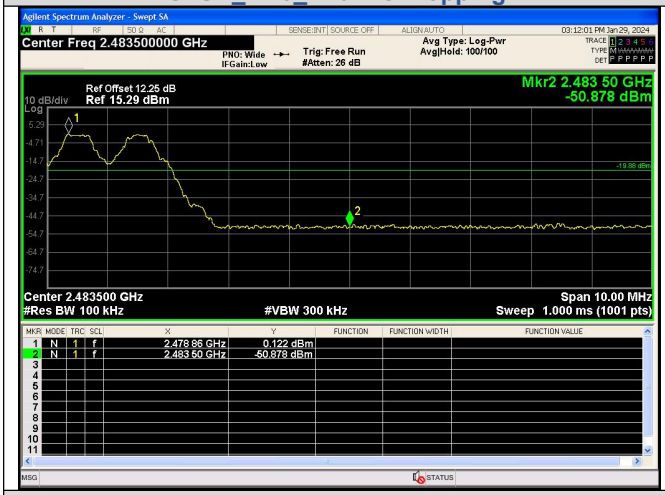


Out Of Band Emission(Right)
π/4DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping

Out Of Band Emission(Left)
π/4DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping

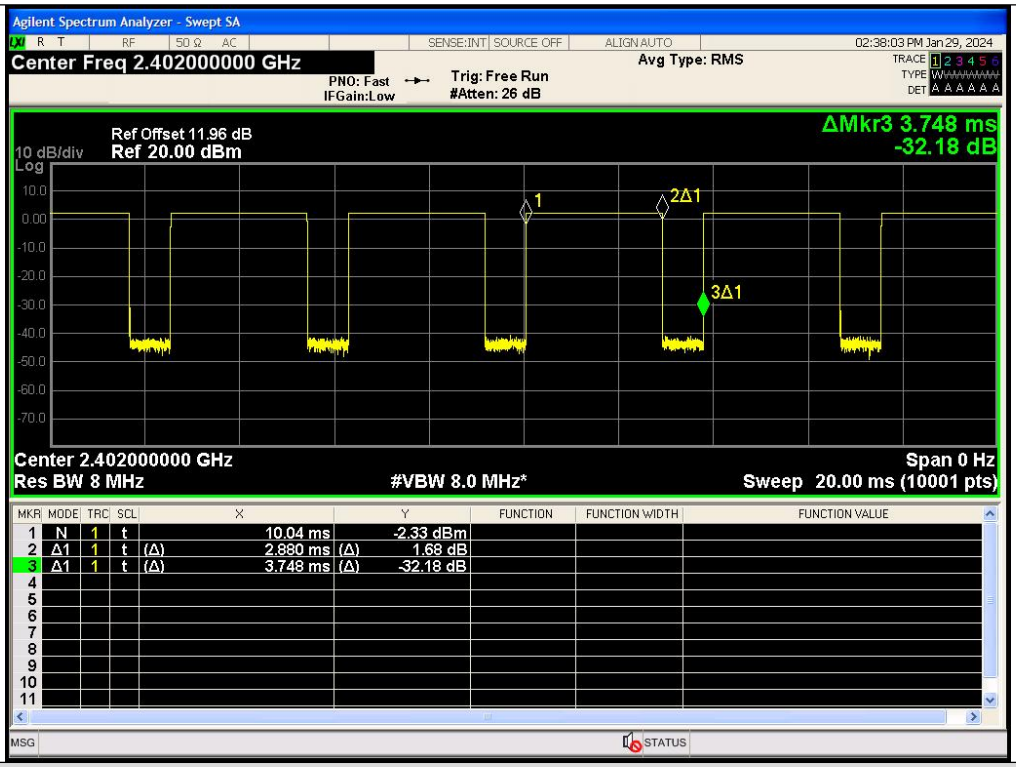
Out Of Band Emission(Right)
π/4DQPSK_2-DH5_Channel Hopping

APPENDIX VI.Duty Cycle

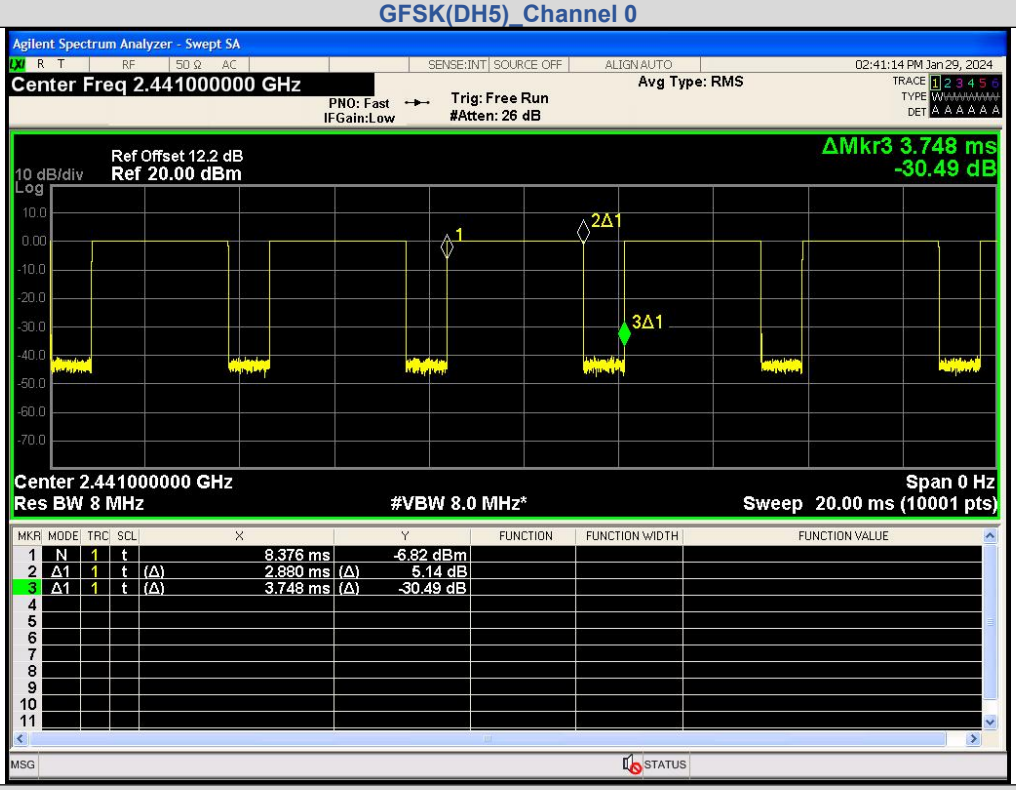
Test Result

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

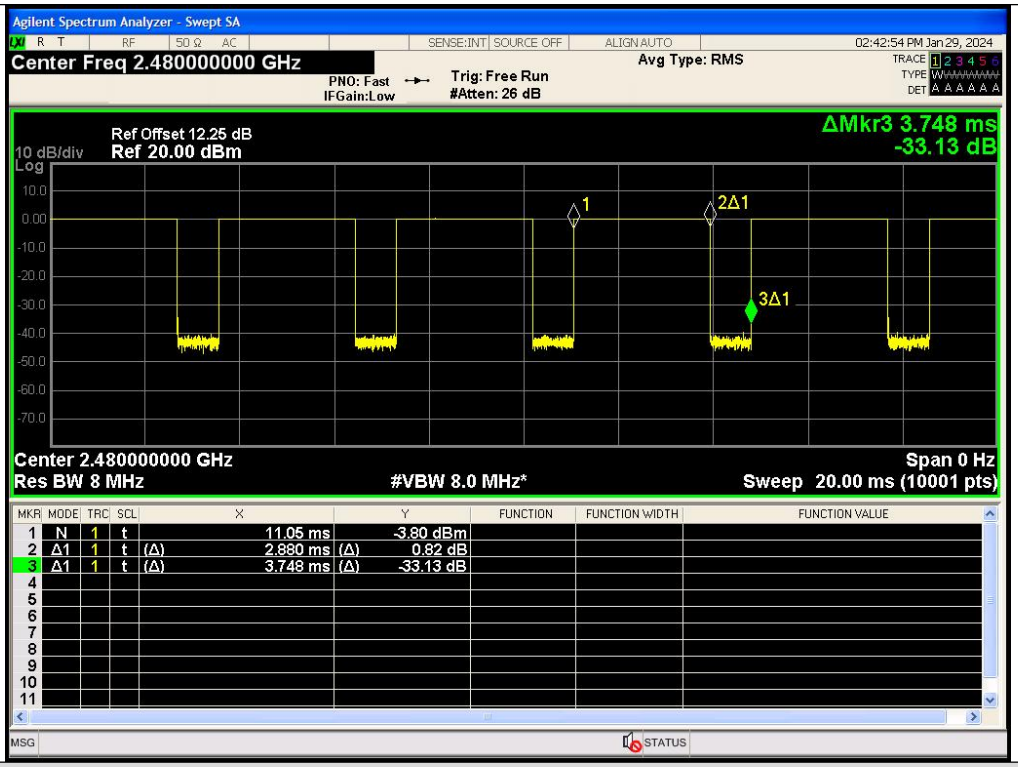
Test Graphs



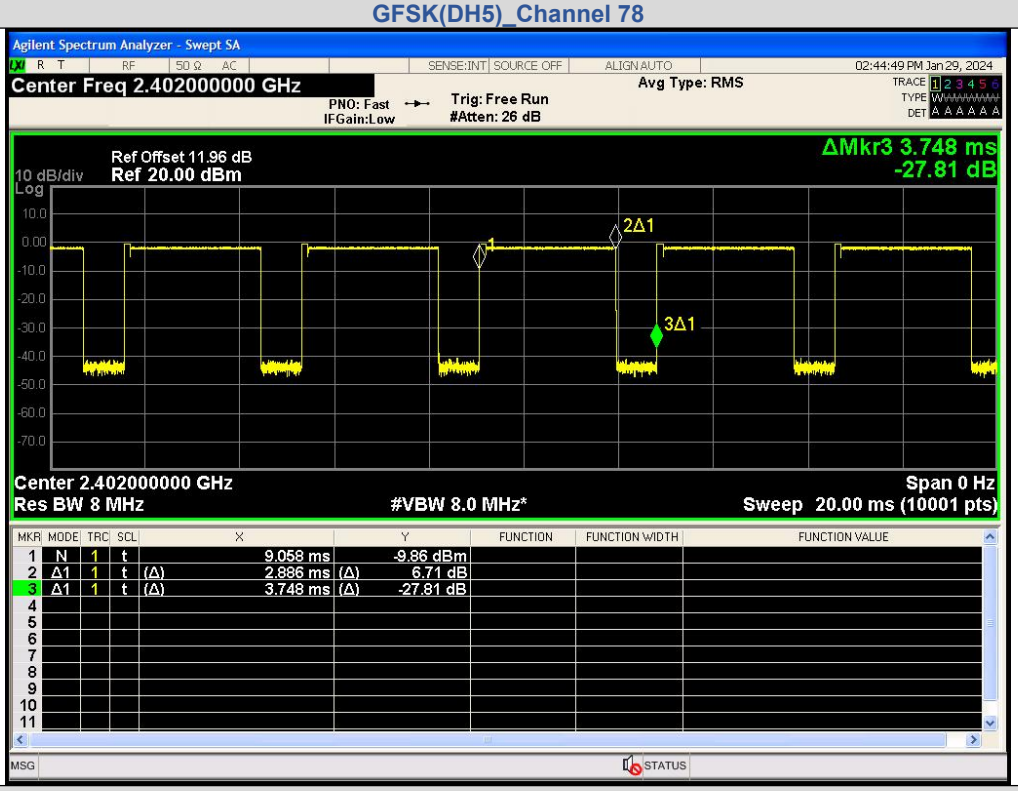
GFSK(DH5)_Channel 0



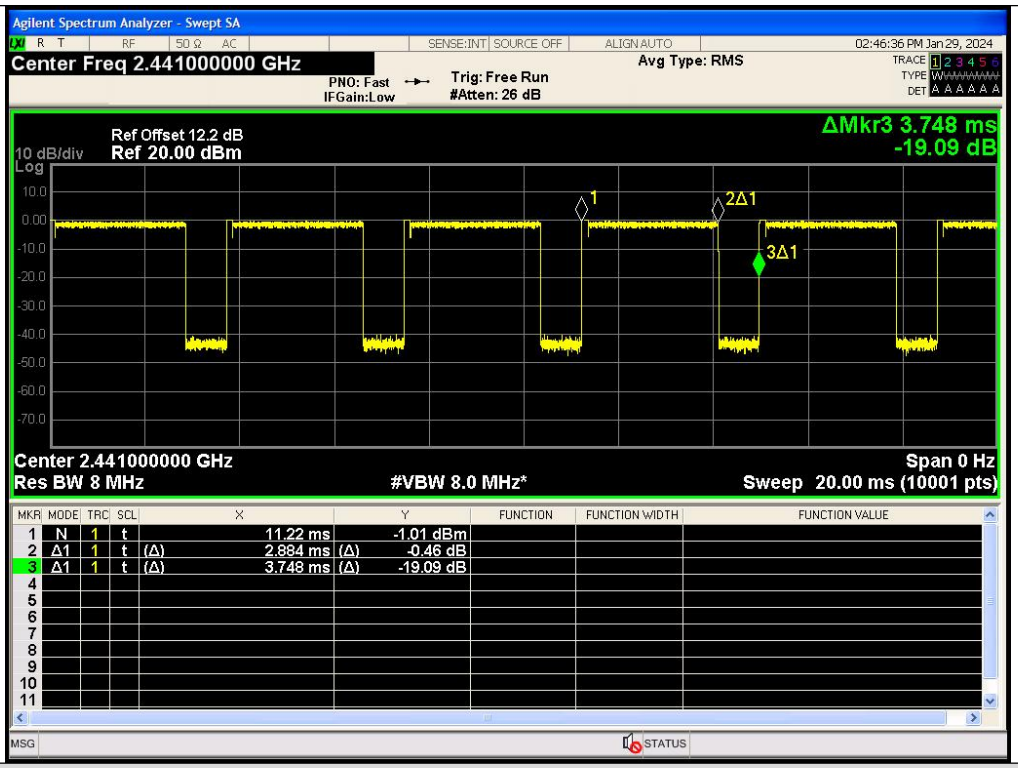
GFSK(DH5)_Channel 39



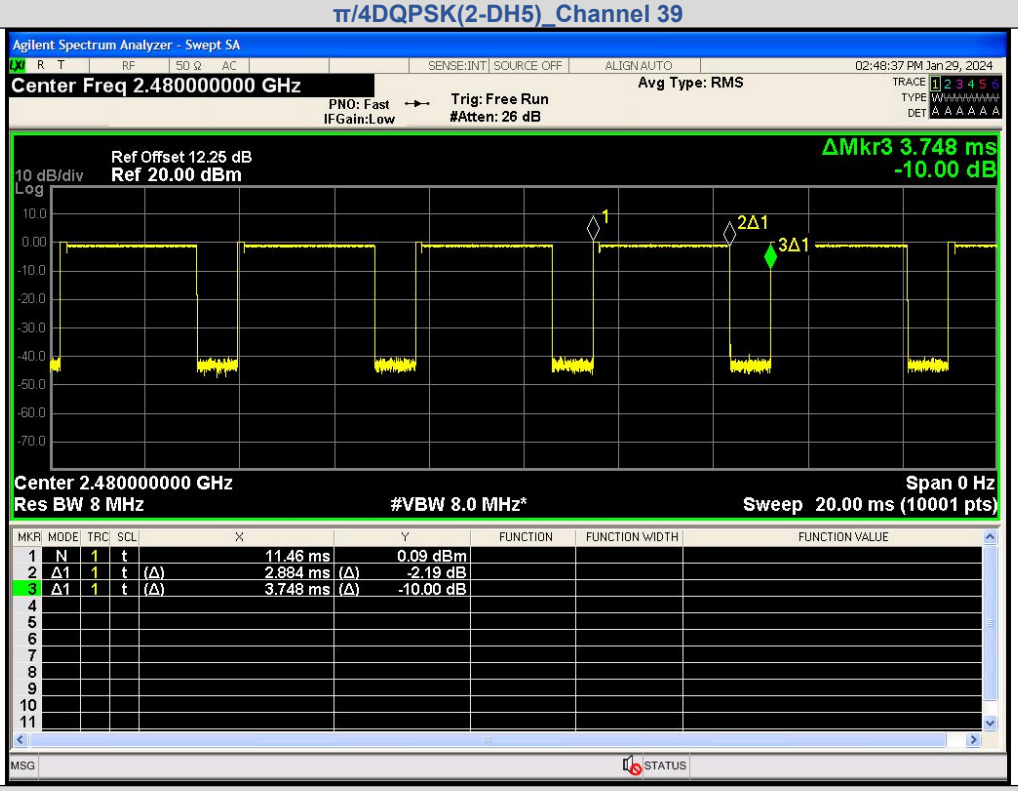
GFSK(DH5)_Channel 78



π/4DQPSK(2-DH5)_Channel 0



π/4DQPSK(2-DH5)_Channel 39



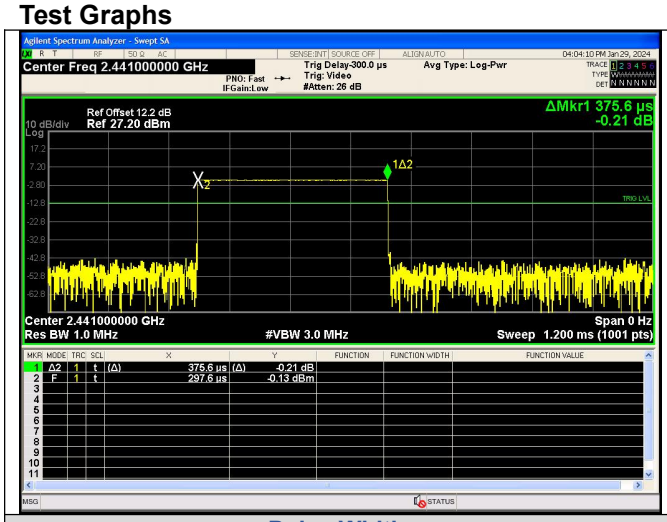
π/4DQPSK(2-DH5)_Channel 78

APPENDIX VII.Dwell Time

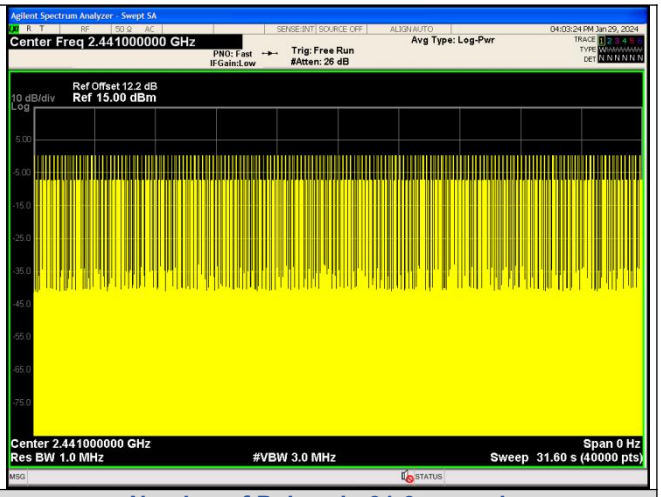
Test Result

Modulation	Packet	Channel	Pulse Width (ms)	Number of Pulses in 31.6 seconds	Dwell Time (ms)	Limit (ms)	Result
GFSK	DH1	CH39 (2441MHz)	0.3756	317	119.07	< 400	PASS
	DH3		1.632	161	262.75		PASS
	DH5		2.880	102	293.76		PASS
π/4DQPSK	2-DH1		0.3852	317	122.11		PASS
	2-DH3		1.656	154	255.02		PASS
	2-DH5		2.880	103	296.64		PASS

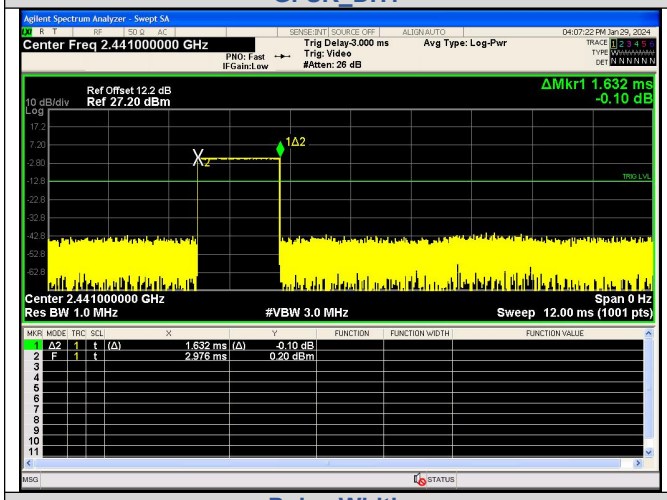
Test Graphs



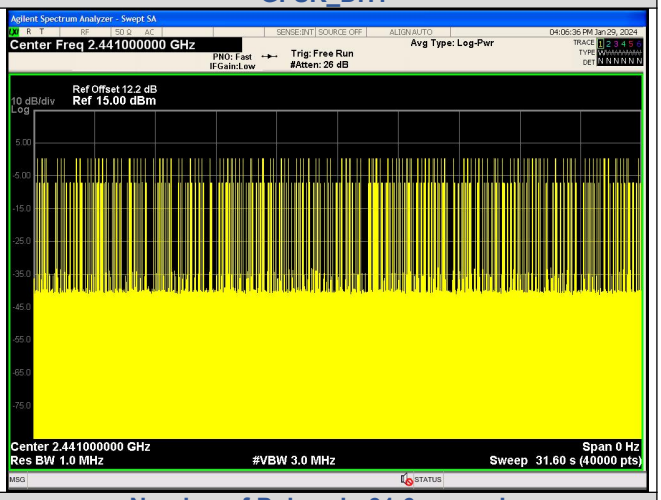
Pulse Width
GFSK_DH1



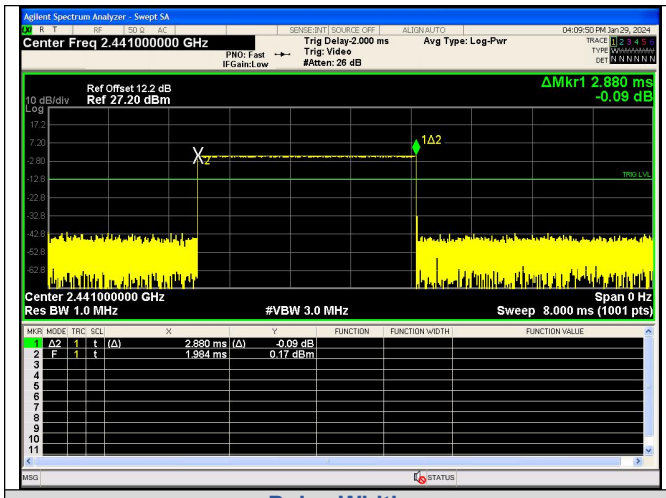
Number of Pulses in 31.6 seconds
GFSK_DH1



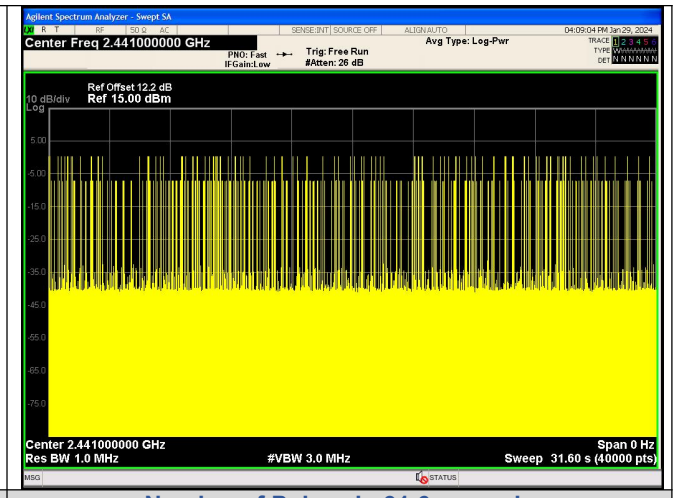
Pulse Width
GFSK_DH3



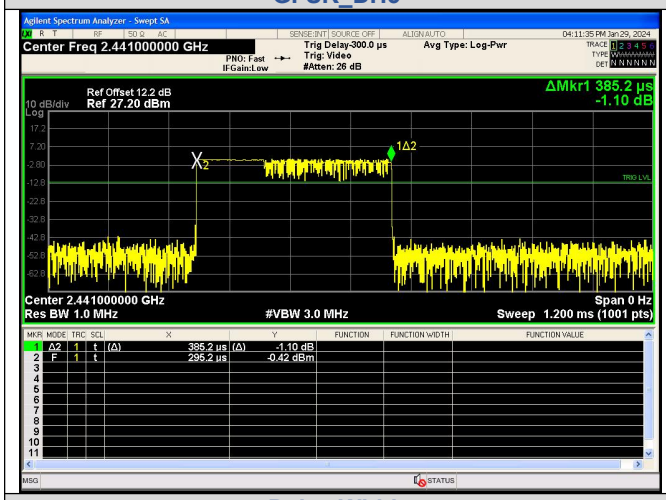
Number of Pulses in 31.6 seconds
GFSK_DH3



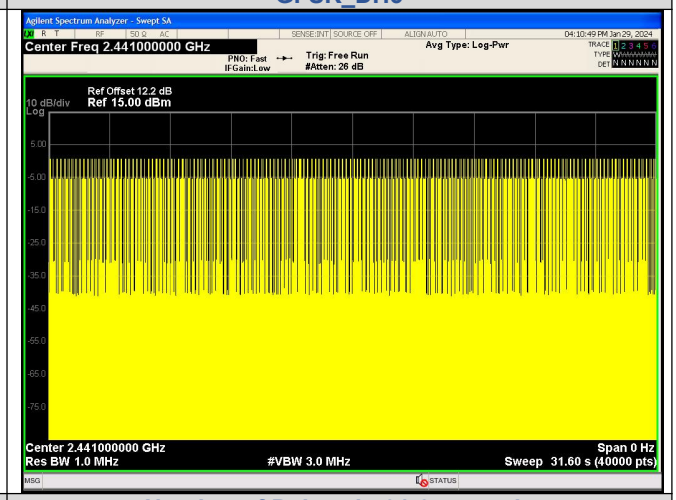
Pulse Width
GFSK_DH5



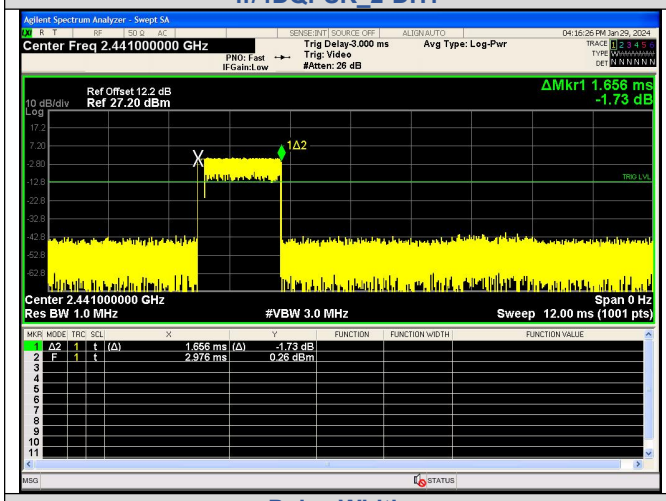
Number of Pulses in 31.6 seconds
GFSK_DH5



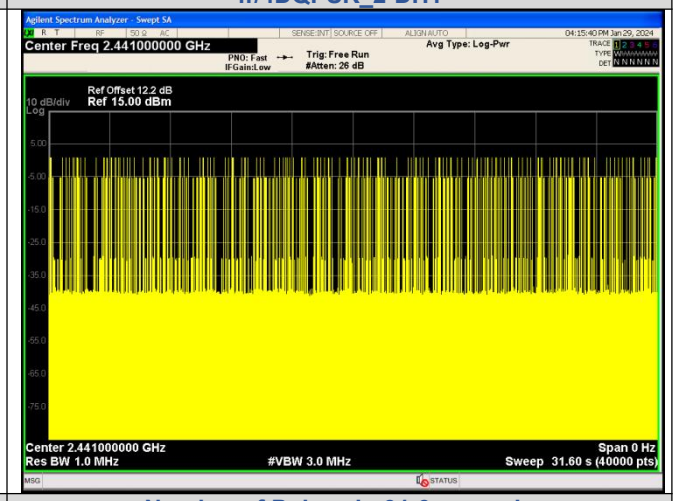
Pulse Width
π/4DQPSK_2-DH1



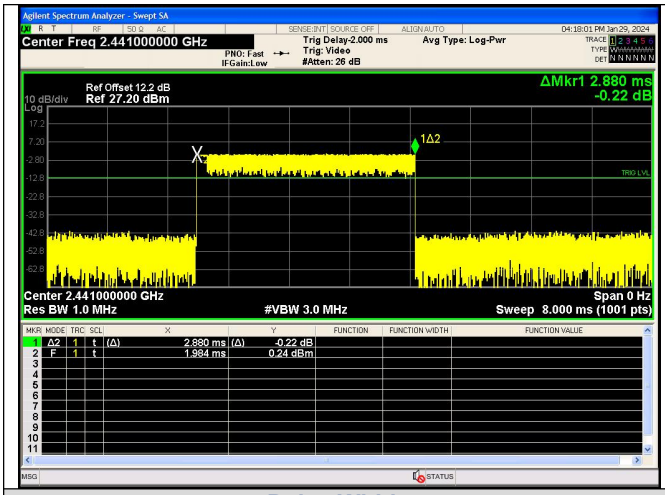
Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH1



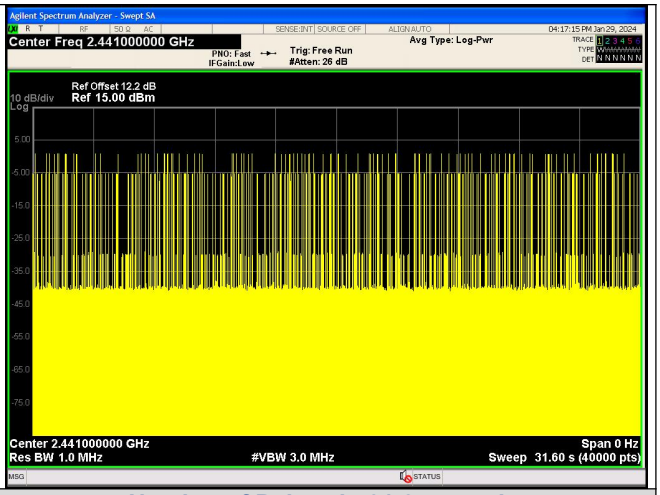
Pulse Width
π/4DQPSK_2-DH3



Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH3



Pulse Width
π/4DQPSK_2-DH5



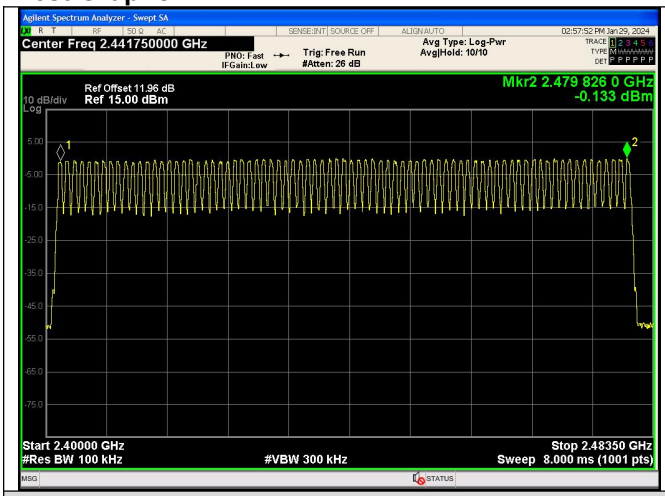
Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH5

APPENDIX VIII.Number Of Hopping Channel

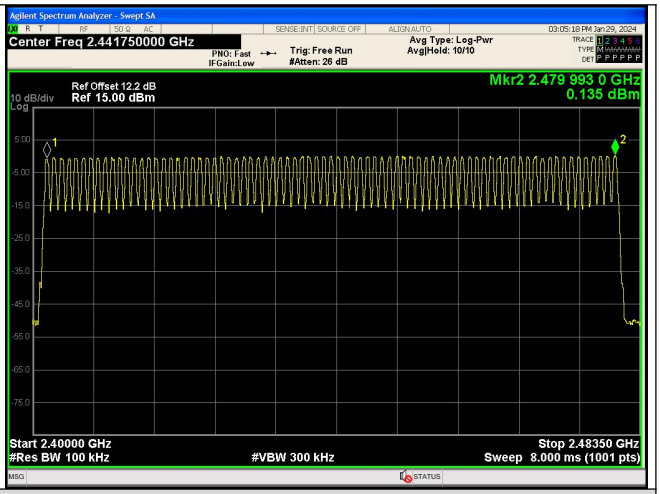
Test Result

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

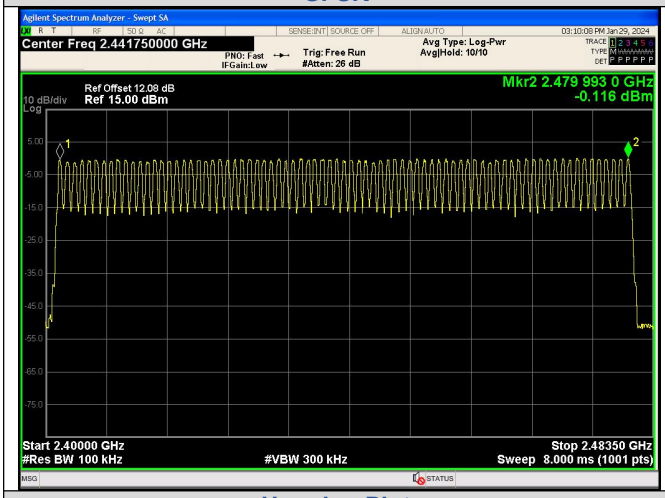
Test Graphs



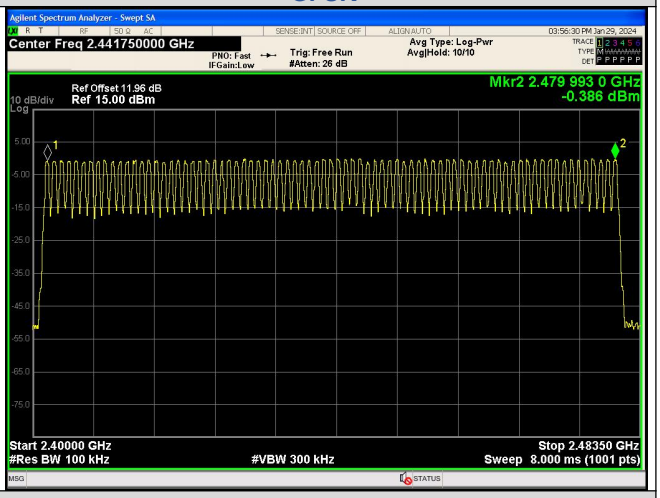
Hopping Plot
GFSK



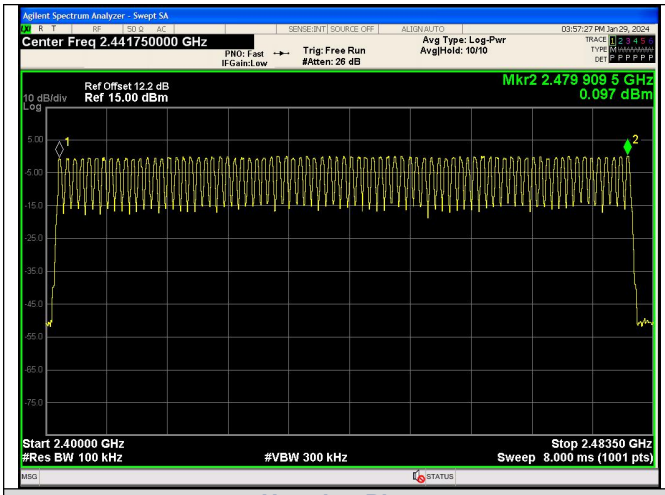
Hopping Plot
GFSK



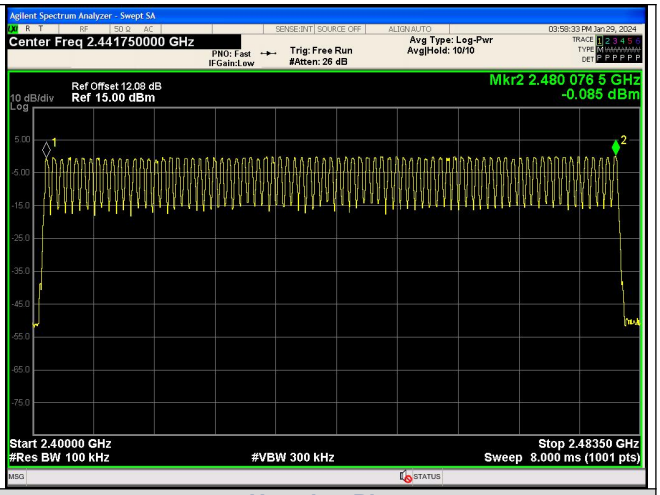
Hopping Plot
GFSK



Hopping Plot
π/4DQPSK



Hopping Plot
π/4DQPSK



Hopping Plot
π/4DQPSK

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