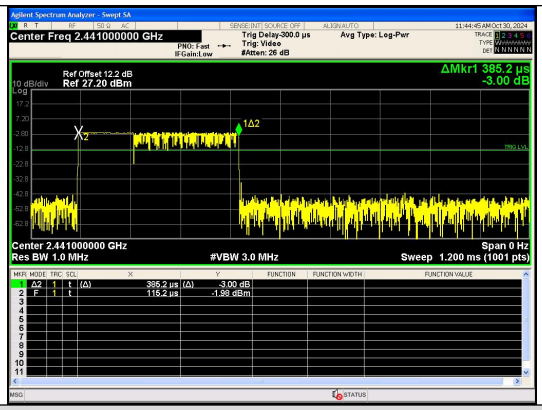
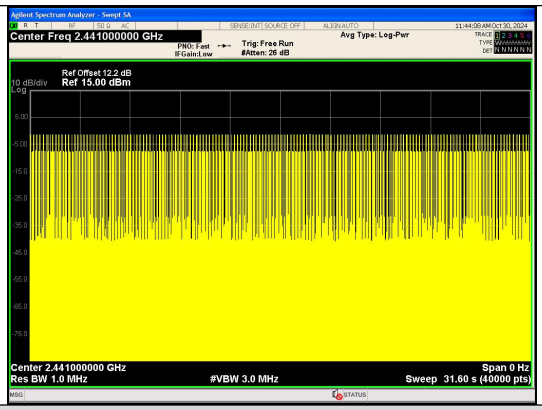
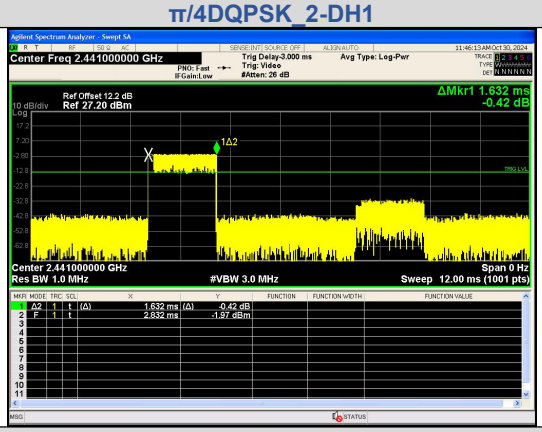


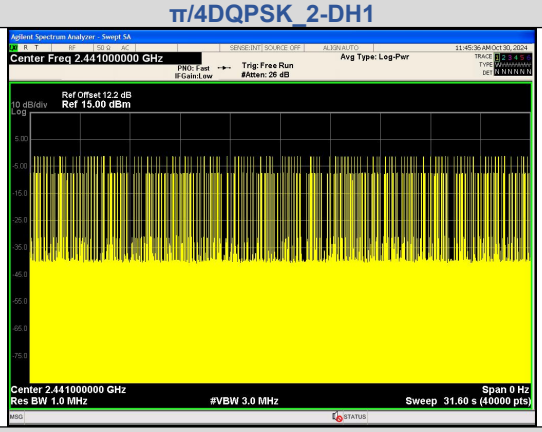
Pulse Width
π/4DQPSK_2-DH1



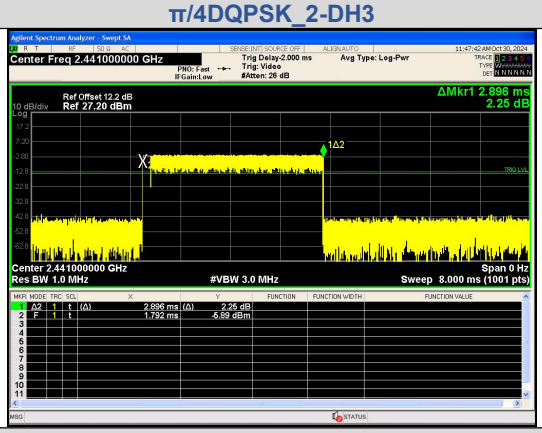
Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH1



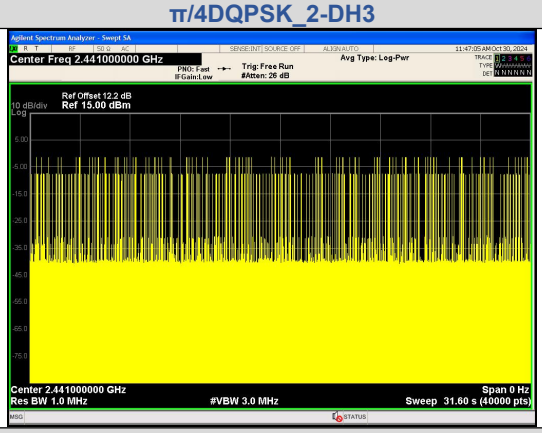
Pulse Width
π/4DQPSK_2-DH3



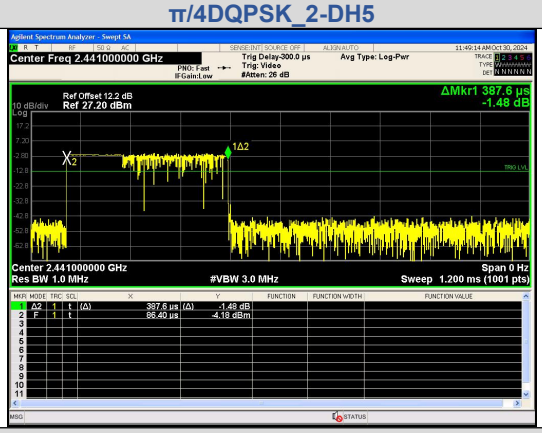
Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH3



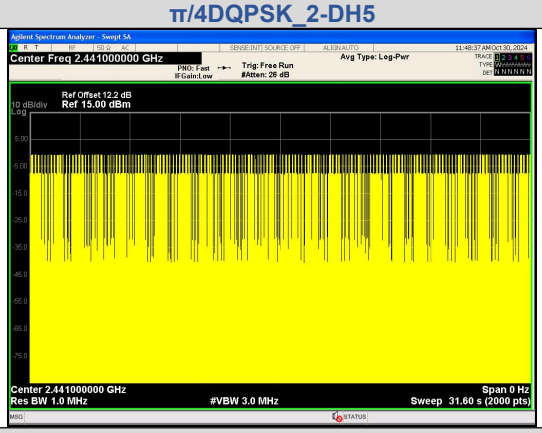
Pulse Width
π/4DQPSK_2-DH5



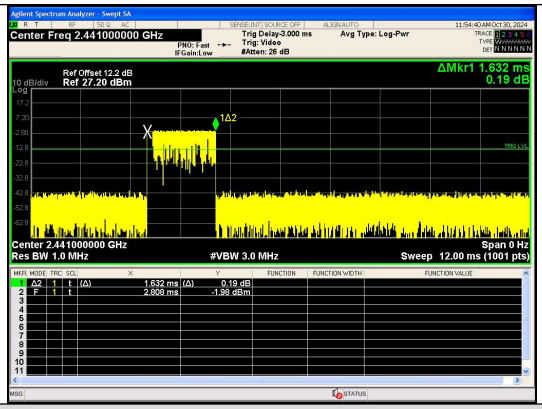
Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH5



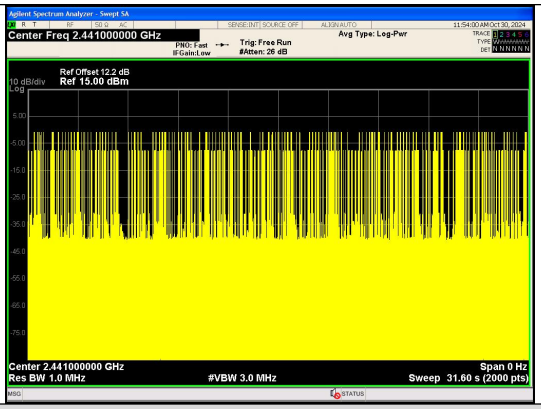
Pulse Width
8DPSK_3-DH1



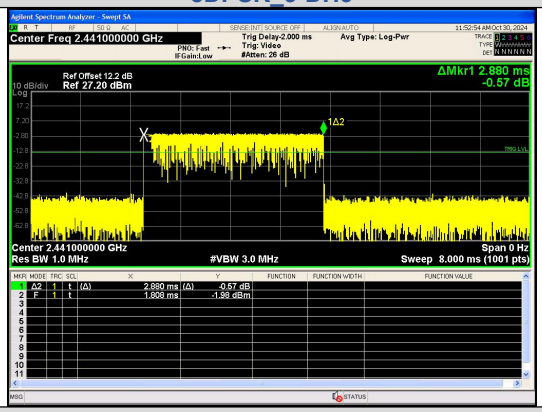
Number of Pulses in 31.6 seconds
8DPSK_3-DH1



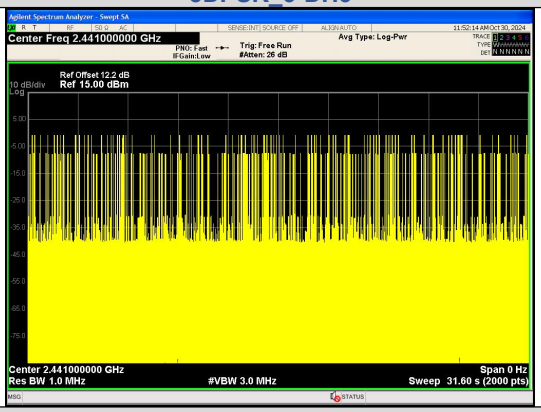
Pulse Width
8DPSK_3-DH3



Number of Pulses in 31.6 seconds
8DPSK_3-DH3



Pulse Width
8DPSK_3-DH5



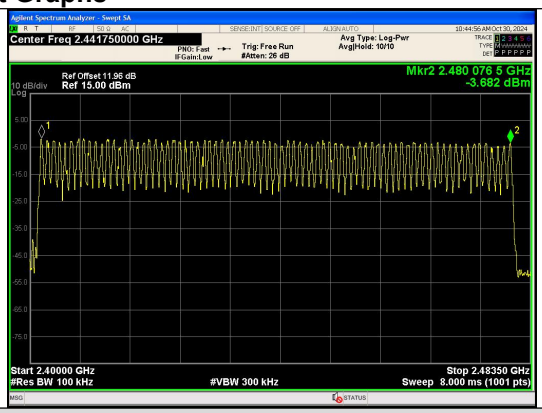
Number of Pulses in 31.6 seconds
8DPSK_3-DH5

APPENDIX III. Number Of Hopping Channel

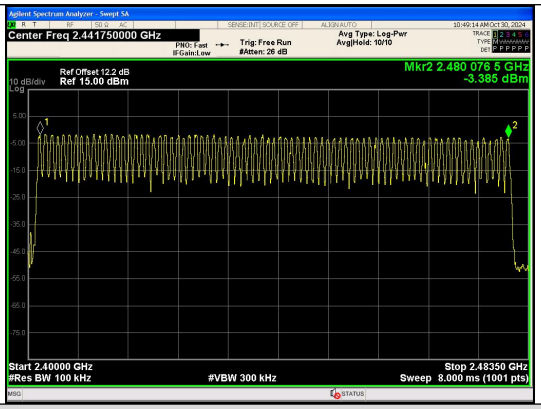
Test Result

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
8DPSK	3-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS

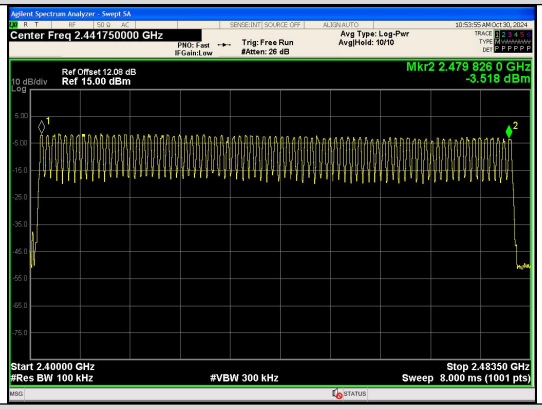
Test Graphs



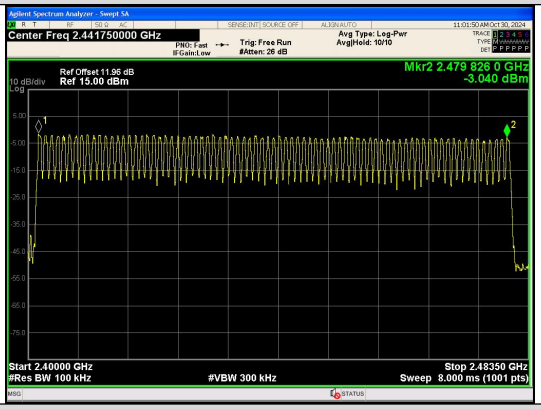
Hopping Plot
GFSK



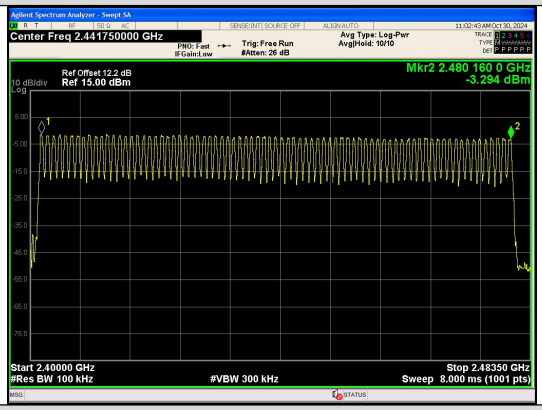
Hopping Plot
GFSK



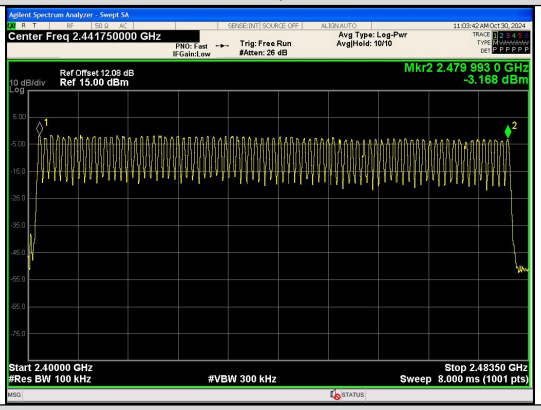
Hopping Plot
GFSK



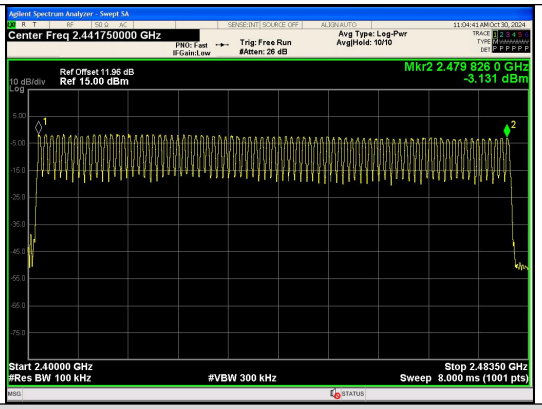
Hopping Plot
π/4DQPSK



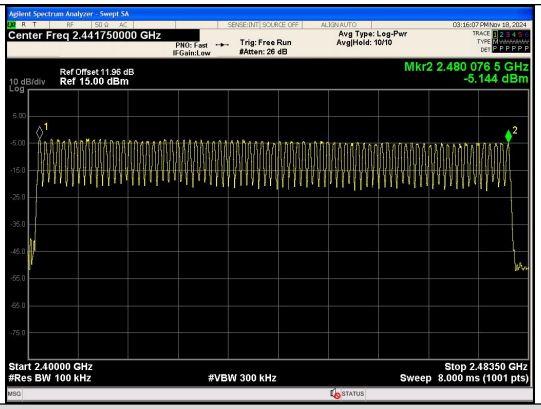
Hopping Plot
π/4DQPSK



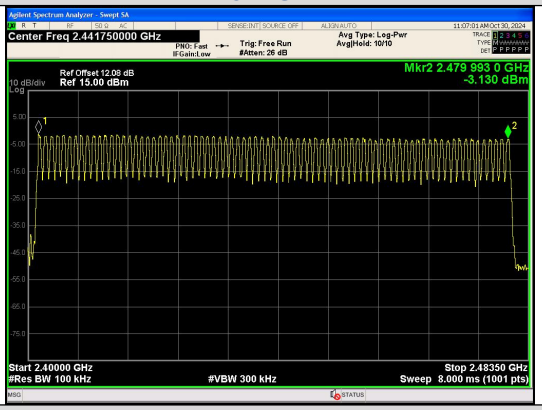
Hopping Plot
π/4DQPSK



Hopping Plot
8DPSK



Hopping Plot
8DPSK



Hopping Plot
8DPSK

APPENDIX IV. Conducted Peak Output Power

Test Result

Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
GFSK	DH5	0	-1.351	0.733	None	≤30	PASS
		39	-1.776	0.664	None		PASS
		78	-2.530	0.558	None		PASS
π/4DQPSK	2-DH5	0	-0.474	0.897	None	≤20.97	PASS
		39	-0.910	0.811	None		PASS
		78	-1.619	0.689	None		PASS
8DPSK	3-DH5	0	-0.037	0.992	None		PASS
		39	-0.494	0.892	None		PASS
		78	-1.191	0.760	None		PASS

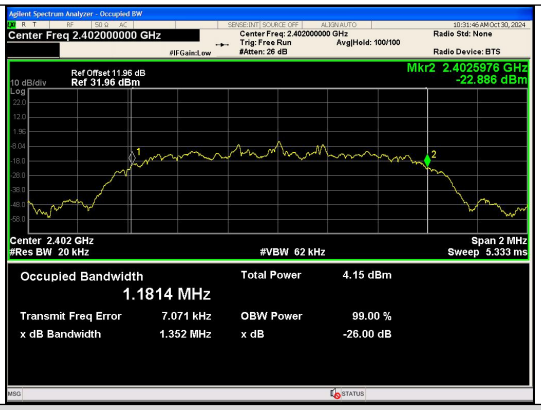
APPENDIX V. 99% Bandwidth

Test Result

Modulation	Channel	Center Frequency (MHz)	99% BW (MHz)
GFSK	0	2402	0.84662
	39	2441	0.85211
	78	2480	0.85514
π/4DQPSK	0	2402	1.1814
	39	2441	1.1869
	78	2480	1.1784
8DPSK	0	2402	1.1927
	39	2441	1.1823
	78	2480	1.1767

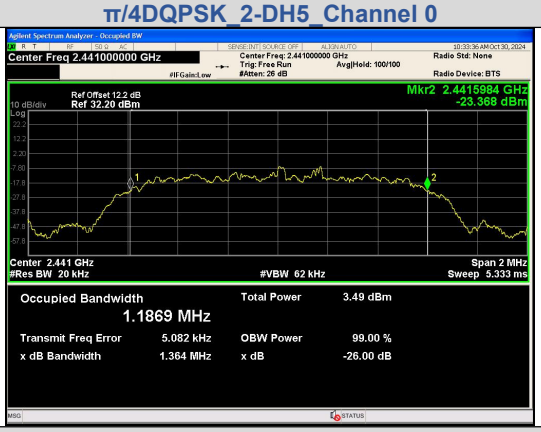
Test Graphs

GFSK_DH5_Channel 0



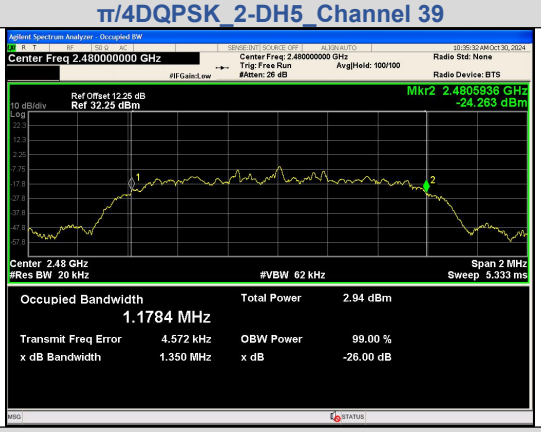
π/4DQPSK_2-DH5_Channel 0

GFSK_DH5_Channel 39

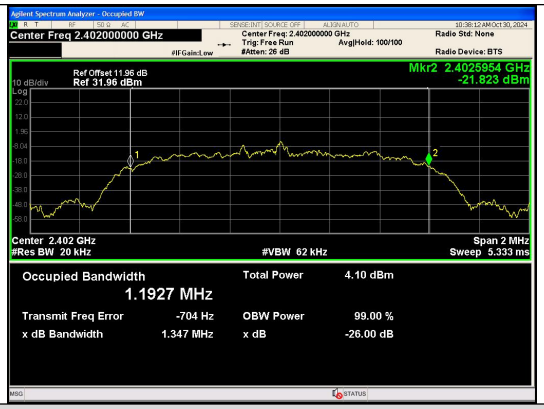


π/4DQPSK_2-DH5_Channel 39

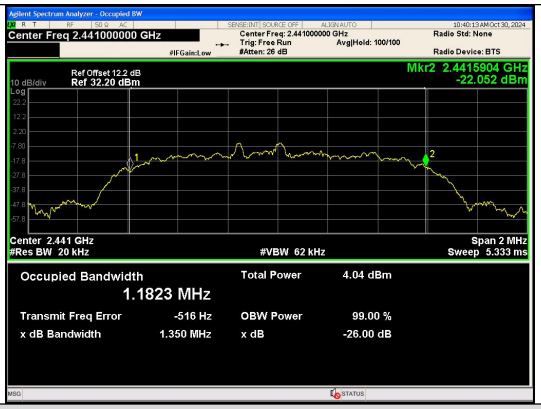
GFSK_DH5_Channel 78



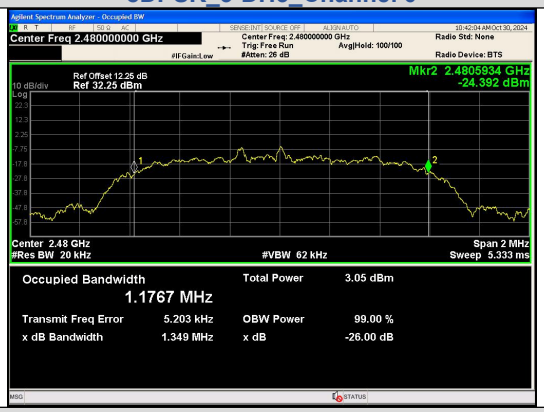
π/4DQPSK_2-DH5_Channel 78



8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 39



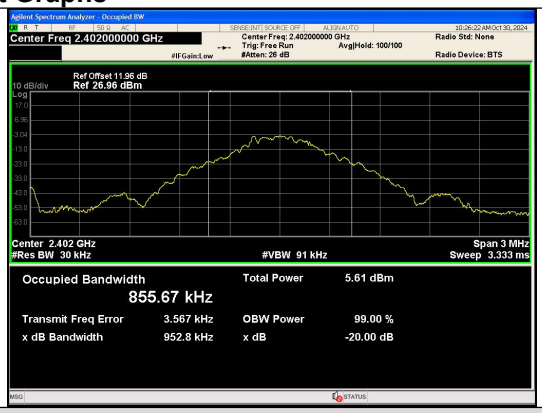
8DPSK_3-DH5_Channel 78

APPENDIX VI. 20dB Bandwidth

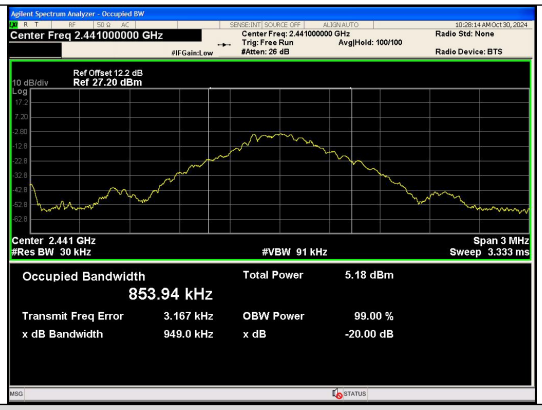
Test Result

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9528
	39	2441 MHz	0.9490
	78	2480 MHz	0.9525
π/4DQPSK	0	2402 MHz	1.305
	39	2441 MHz	1.279
	78	2480 MHz	1.306
8DPSK	0	2402 MHz	1.297
	39	2441 MHz	1.296
	78	2480 MHz	1.294

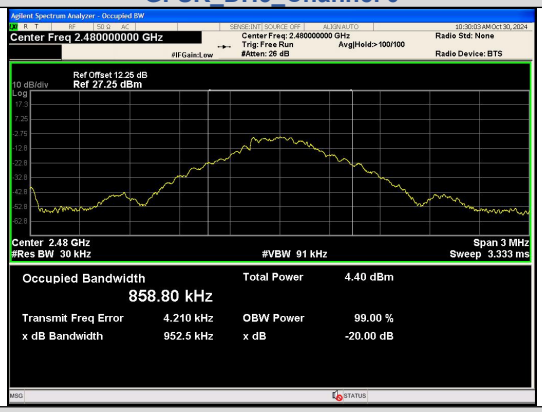
Test Graphs



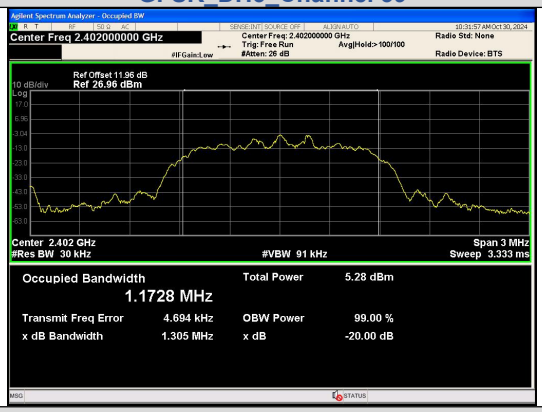
GFSK_DH5_Channel 0



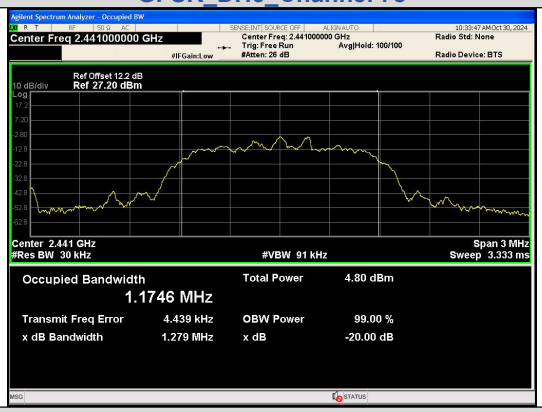
GFSK_DH5_Channel 39



GFSK_DH5_Channel 78

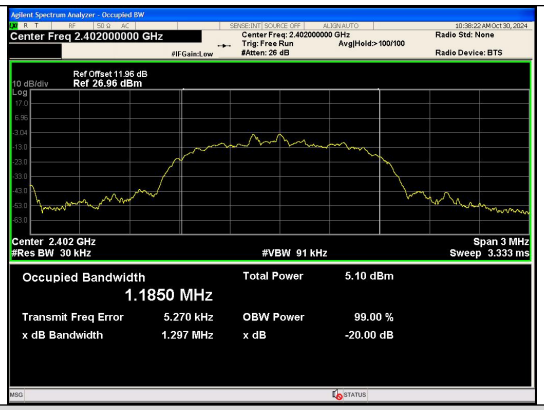


π/4DQPSK_2-DH5_Channel 0

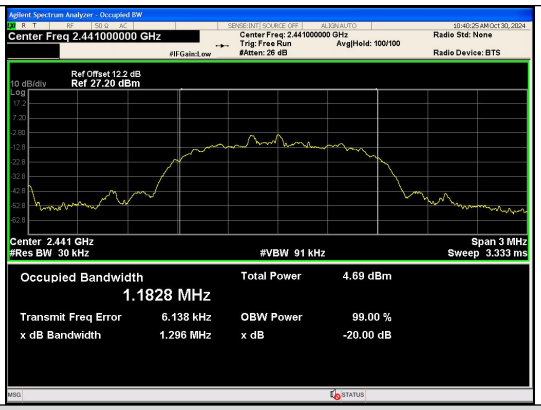


π/4DQPSK_2-DH5_Channel 39

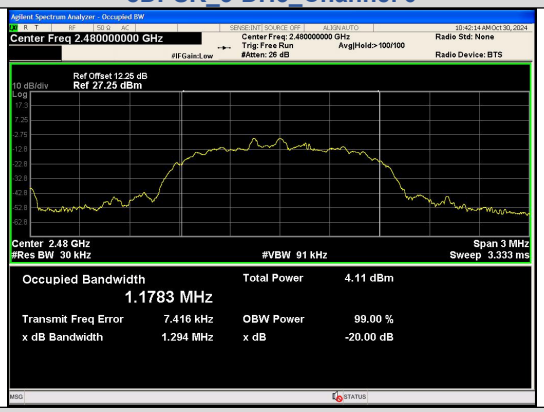
π/4DQPSK_2-DH5_Channel 78



8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 39



8DPSK_3-DH5_Channel 78