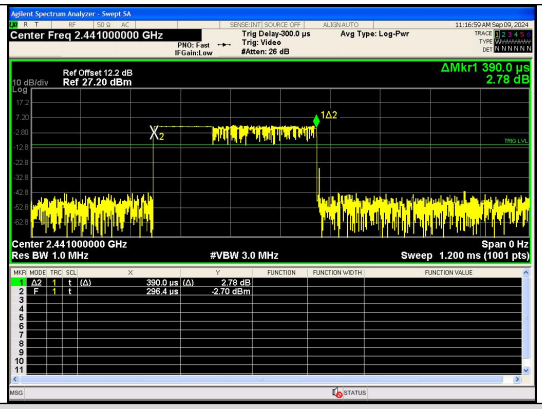
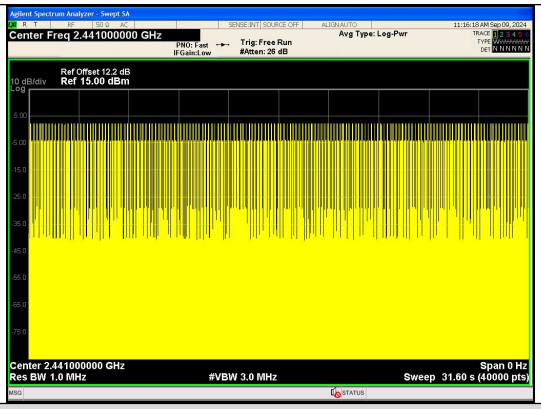
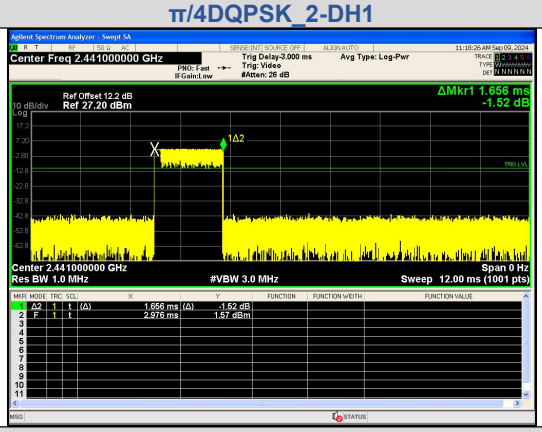


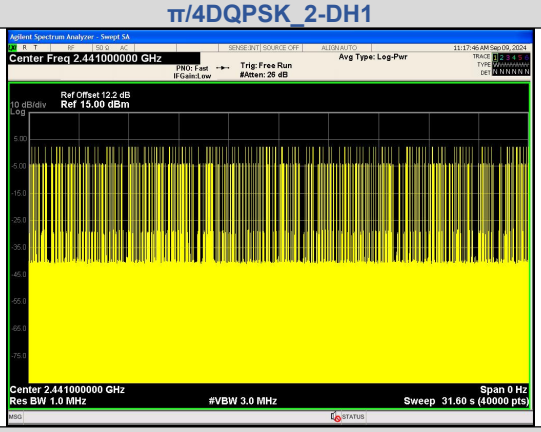
Pulse Width
π/4DQPSK_2-DH1



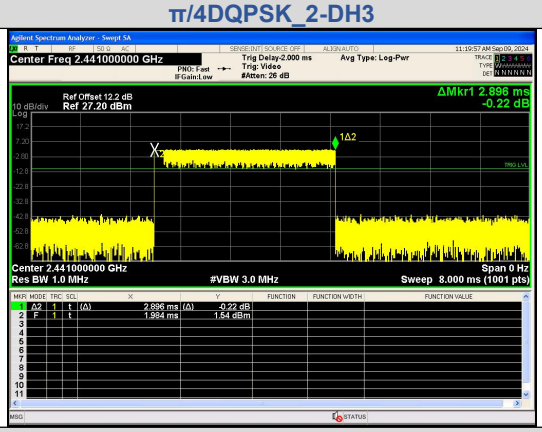
Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH1



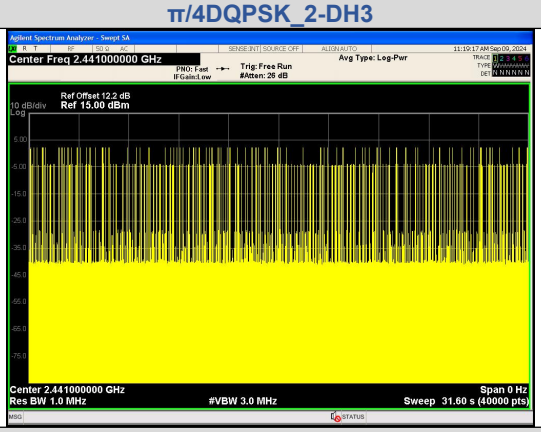
Pulse Width
π/4DQPSK_2-DH3



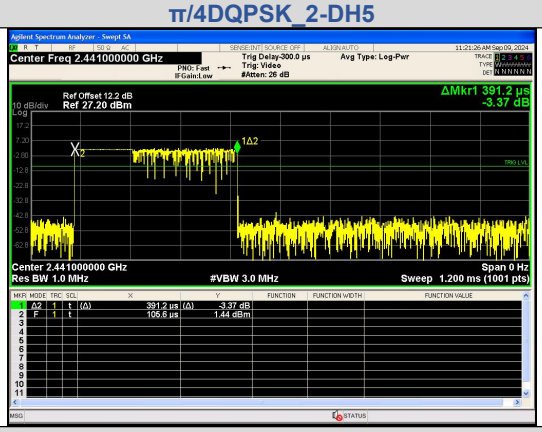
Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH3



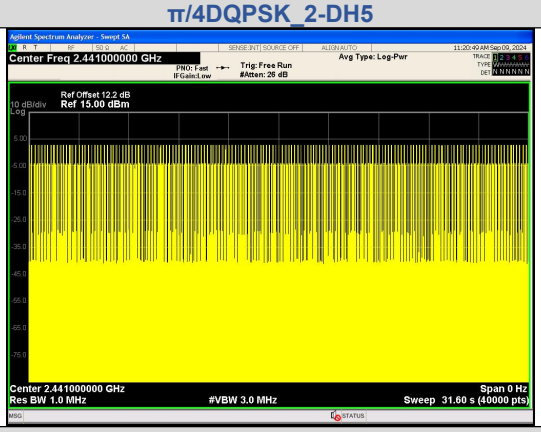
Pulse Width
π/4DQPSK_2-DH5



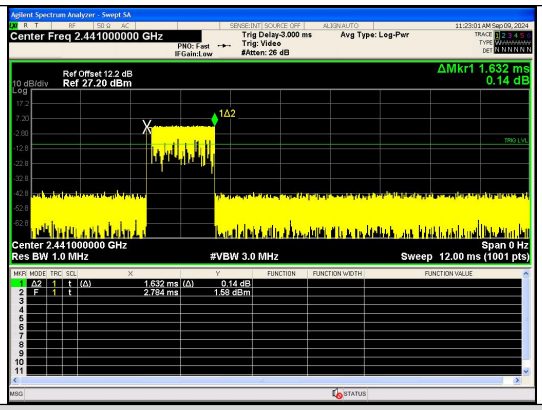
Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH5



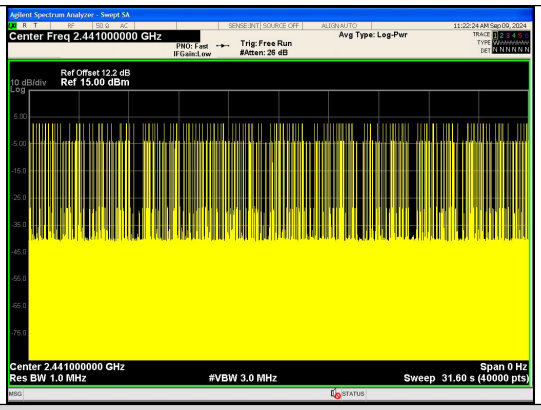
Pulse Width
8DPSK_3-DH1



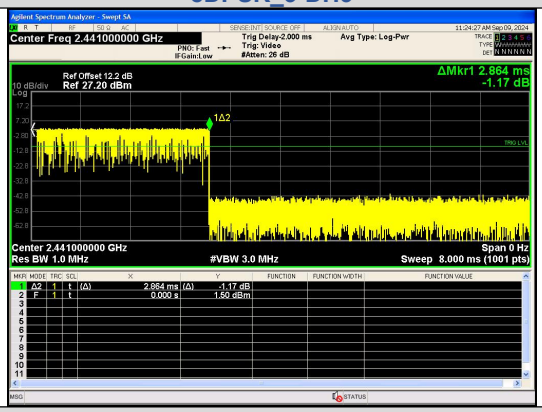
Number of Pulses in 31.6 seconds
8DPSK_3-DH1



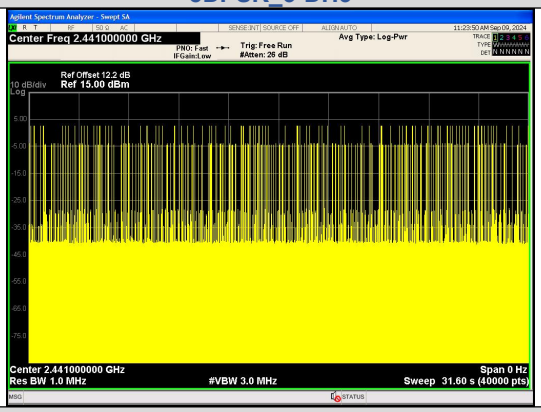
Pulse Width
8DPSK_3-DH3



Number of Pulses in 31.6 seconds
8DPSK_3-DH3



Pulse Width
8DPSK_3-DH5



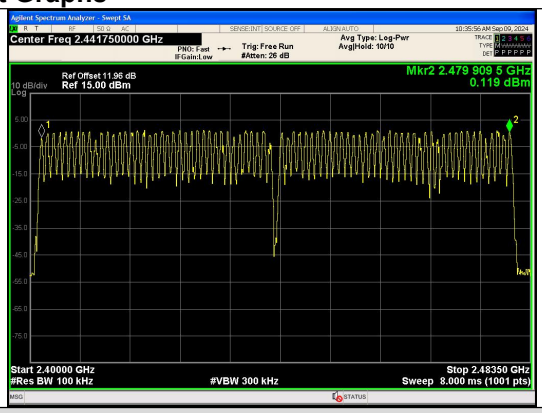
Number of Pulses in 31.6 seconds
8DPSK_3-DH5

APPENDIX III.Number Of Hopping Channel

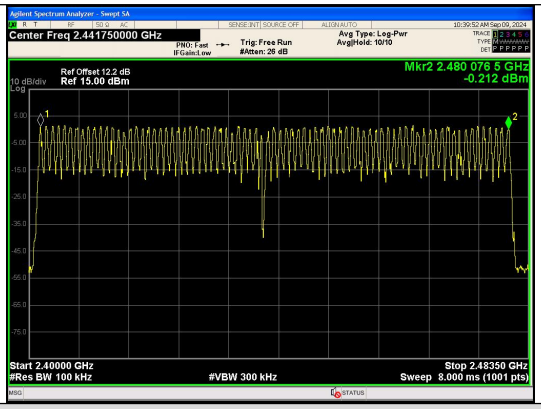
Test Result

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

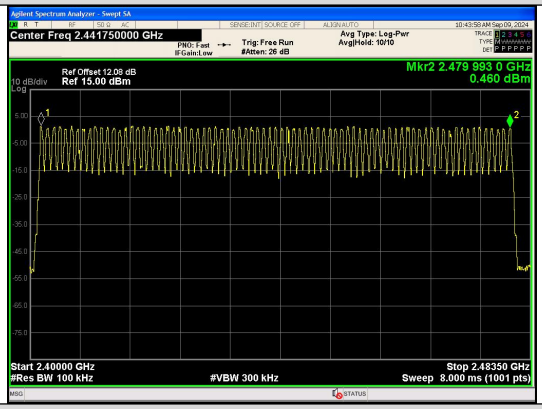
Test Graphs



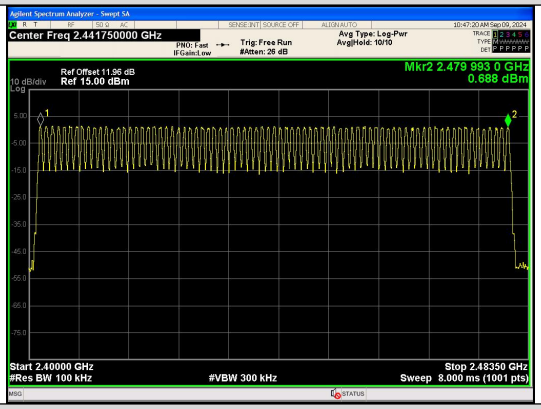
Hopping Plot
GFSK



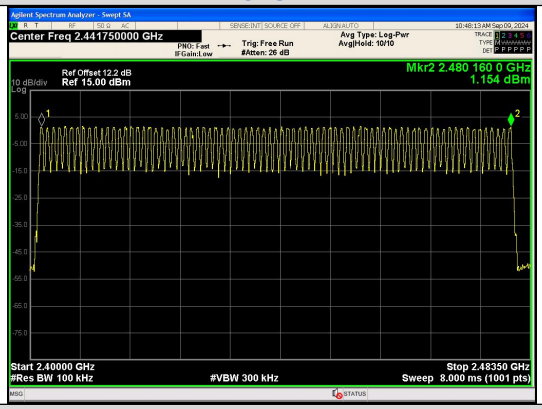
Hopping Plot
GFSK



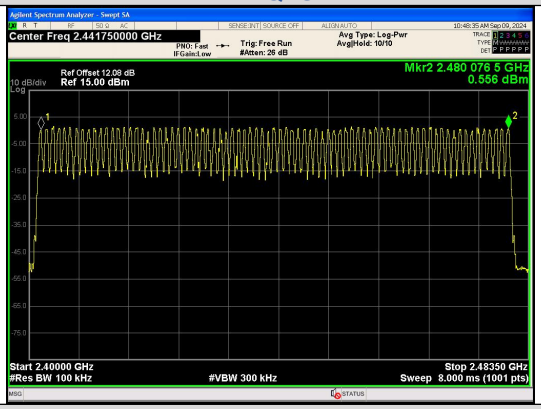
Hopping Plot
GFSK



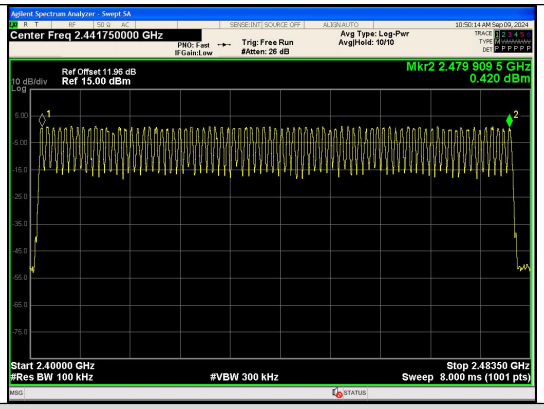
Hopping Plot
π/4DQPSK



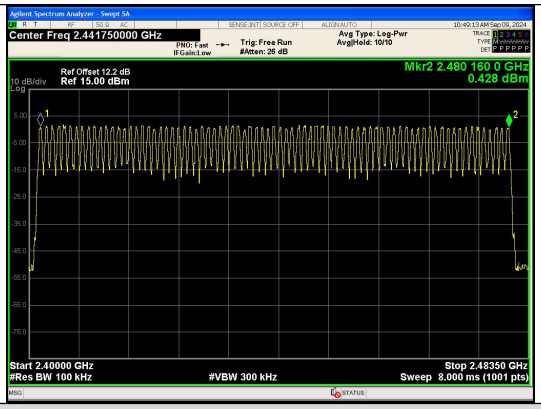
Hopping Plot
π/4DQPSK



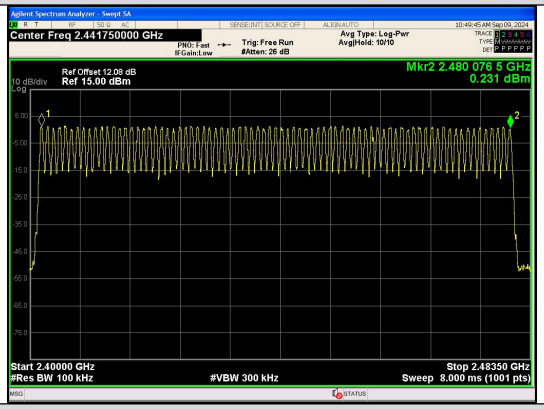
Hopping Plot
π/4DQPSK



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	1.581	1.439	None	≤30	PASS
		39	1.614	1.450	None		PASS
		78	1.414	1.385	None		PASS
π/4DQPSK	2-DH5	0	2.432	1.751	None	≤20.97	PASS
		39	2.514	1.784	None		PASS
		78	2.311	1.703	None		PASS
8DPSK	3-DH5	0	2.886	1.944	None		PASS
		39	2.941	1.968	None		PASS
		78	2.709	1.866	None		PASS

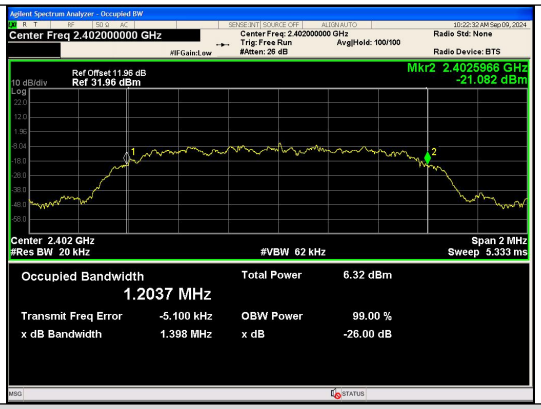
APPENDIX V.99% Bandwidth

Test Result

Modulation	Channel	Center Frequency (MHz)	99% BW (MHz)
GFSK	0	2402	0.86525
	39	2441	0.86495
	78	2480	0.87005
π/4DQPSK	0	2402	1.2037
	39	2441	1.1950
	78	2480	1.1889
8DPSK	0	2402	1.1953
	39	2441	1.1955
	78	2480	1.2013

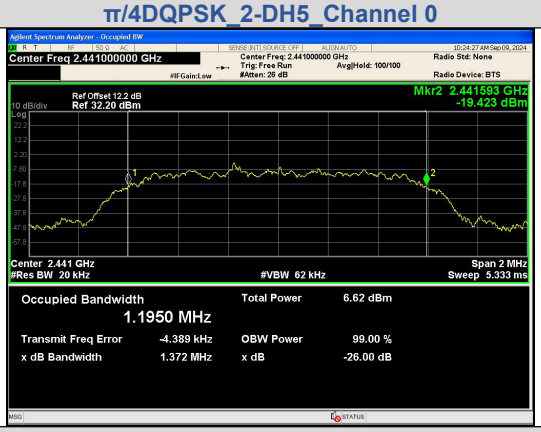
Test Graphs

GFSK_DH5_Channel 0



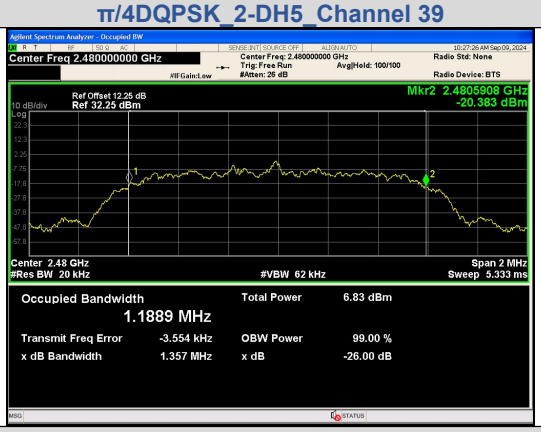
π/4DQPSK_2-DH5_Channel 0

GFSK_DH5_Channel 39

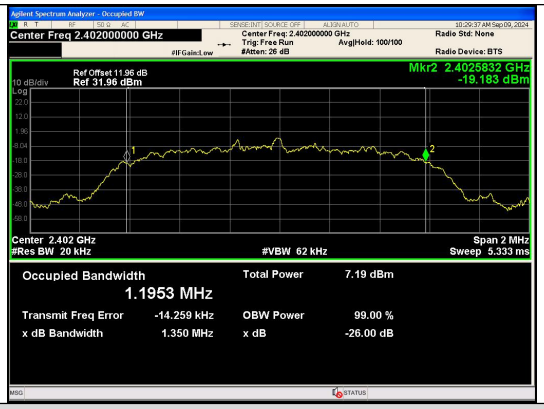


π/4DQPSK_2-DH5_Channel 39

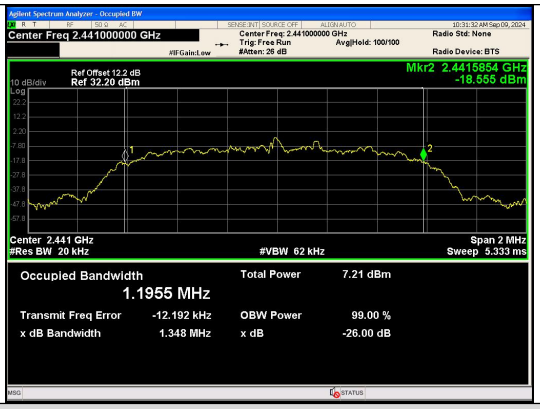
GFSK_DH5_Channel 78



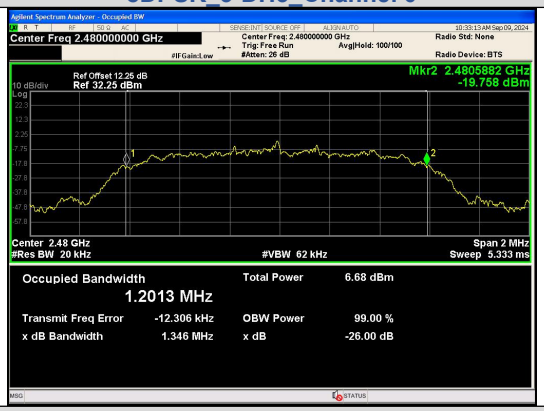
π/4DQPSK_2-DH5_Channel 78



8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 39



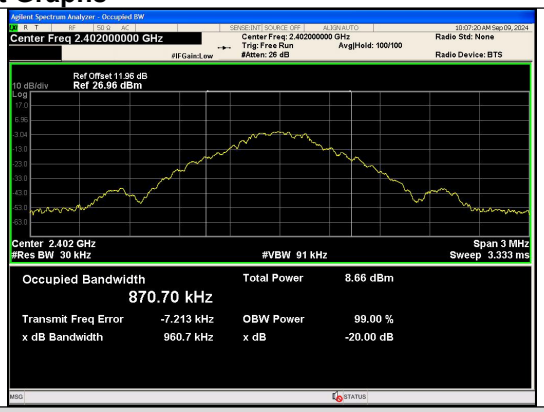
8DPSK_3-DH5_Channel 78

APPENDIX VI.20dB Bandwidth

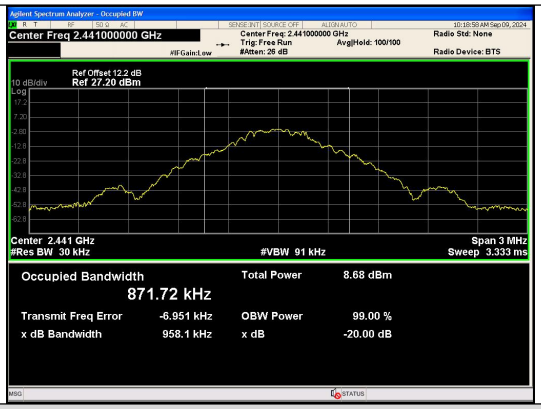
Test Result

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9607
	39	2441 MHz	0.9581
	78	2480 MHz	0.9594
π/4DQPSK	0	2402 MHz	1.284
	39	2441 MHz	1.281
	78	2480 MHz	1.283
8DPSK	0	2402 MHz	1.299
	39	2441 MHz	1.298
	78	2480 MHz	1.300

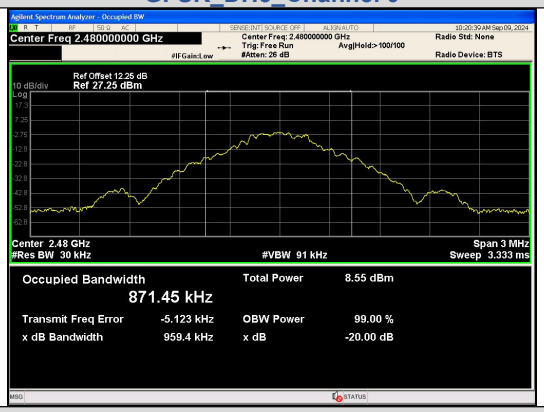
Test Graphs



GFSK_DH5_Channel 0

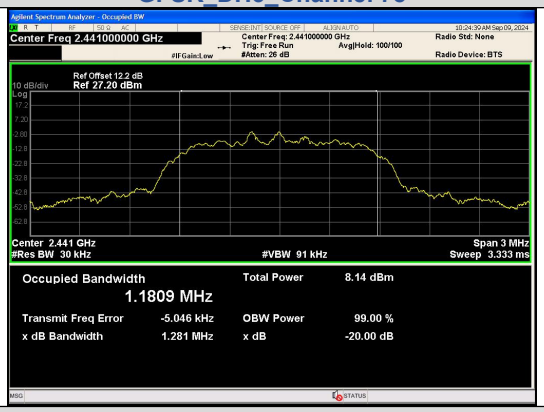


GFSK_DH5_Channel 39

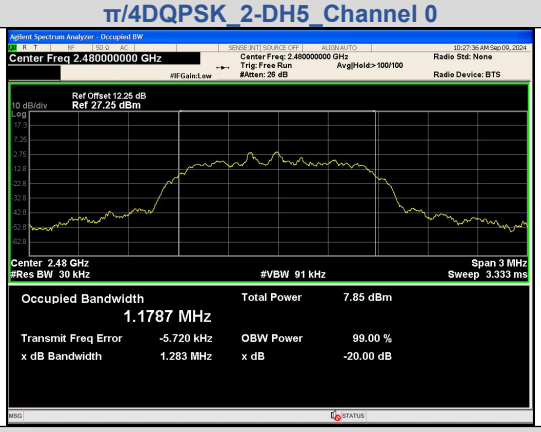


GFSK_DH5_Channel 78

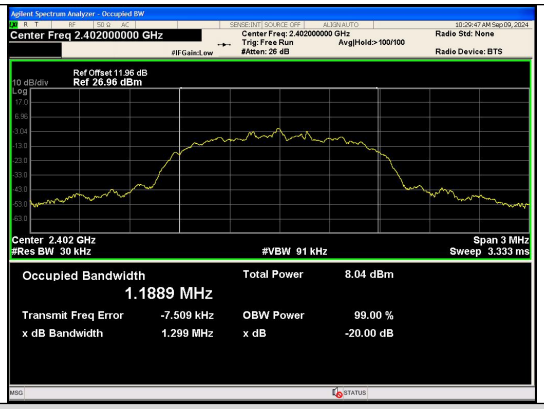
π/4DQPSK_2-DH5_Channel 0



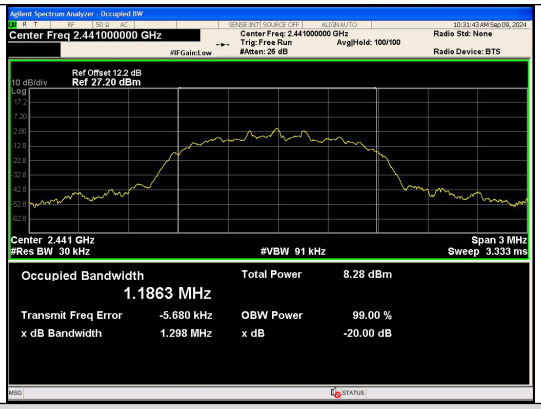
π/4DQPSK_2-DH5_Channel 39



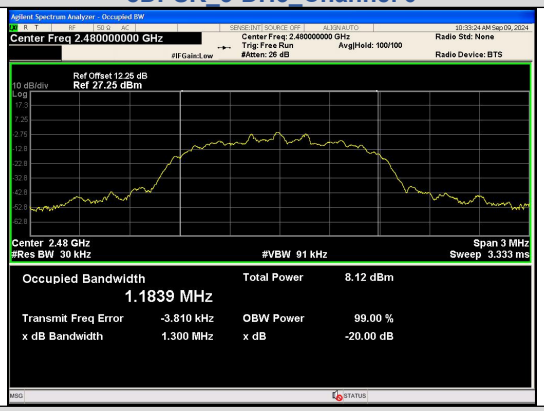
π/4DQPSK_2-DH5_Channel 78



8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 39



8DPSK_3-DH5_Channel 78