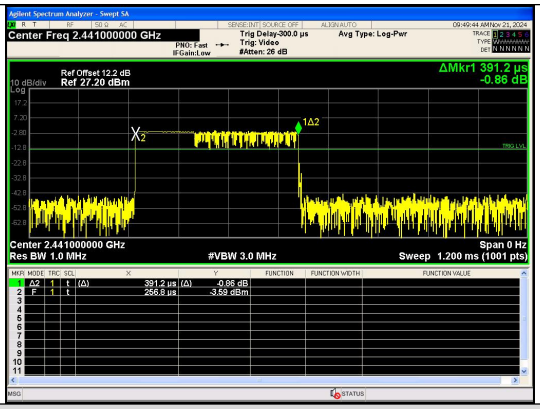
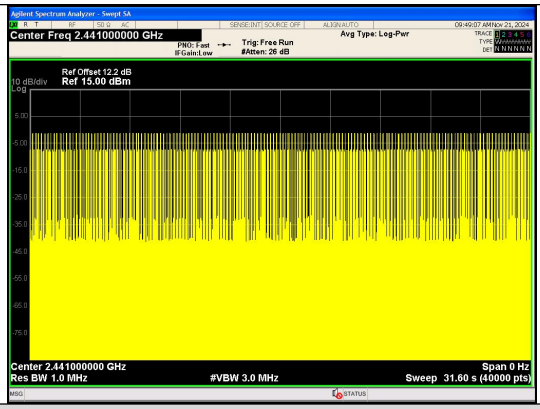
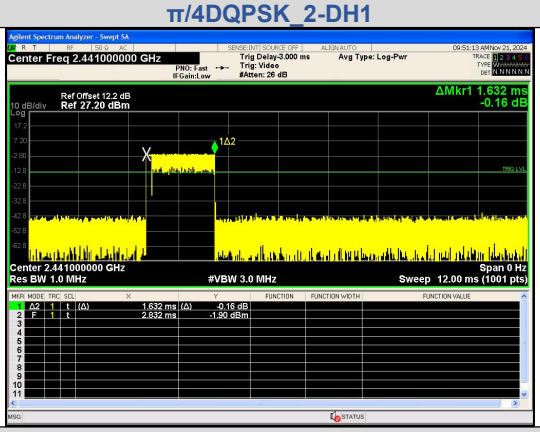


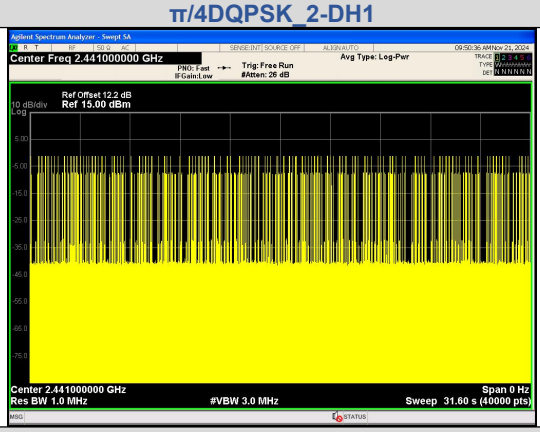
Pulse Width
π/4DQPSK_2-DH1



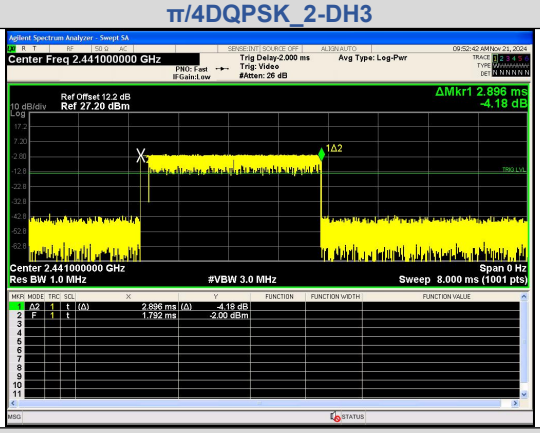
Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH1



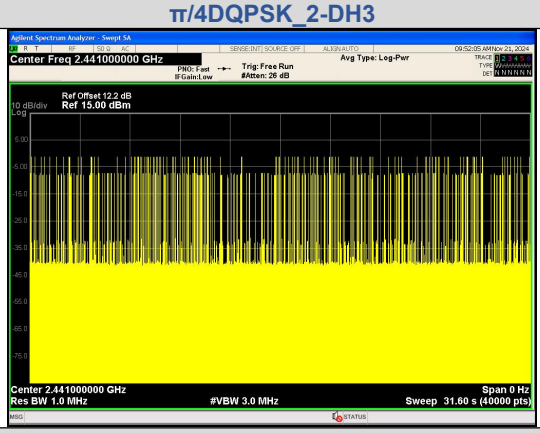
Pulse Width
π/4DQPSK_2-DH3



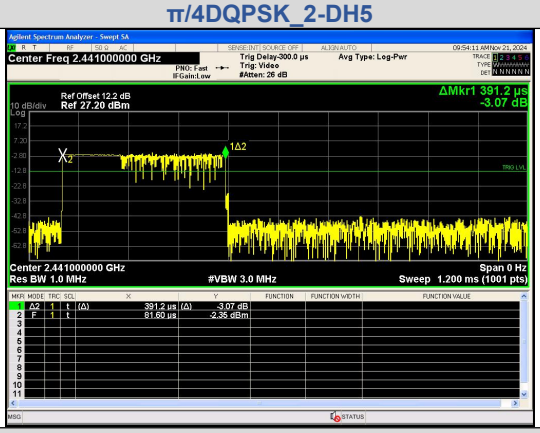
Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH3



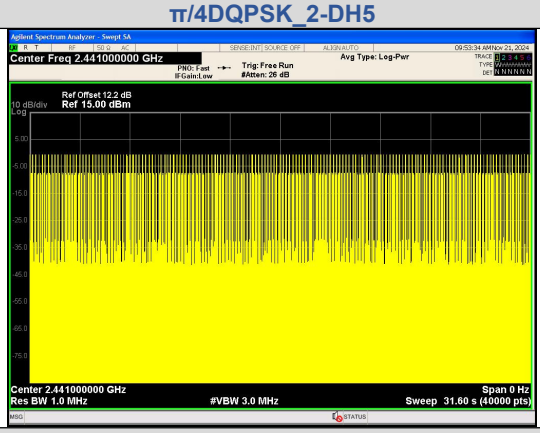
Pulse Width
π/4DQPSK_2-DH5



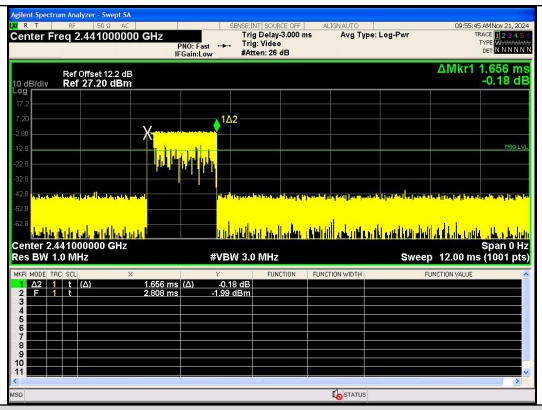
Number of Pulses in 31.6 seconds
π/4DQPSK_2-DH5



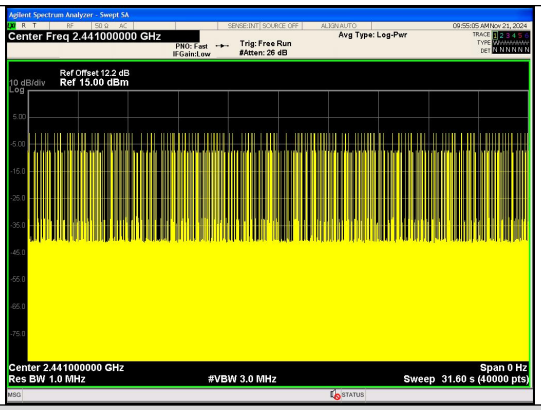
Pulse Width
8DPSK_3-DH1



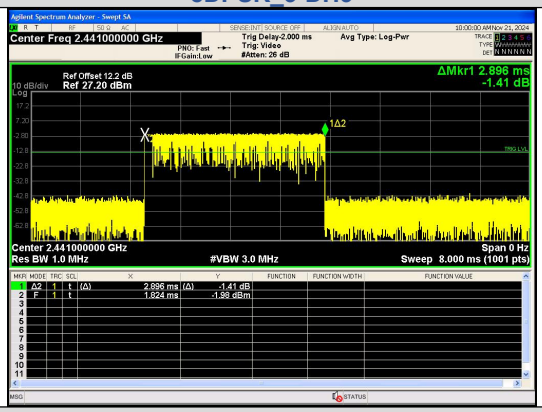
Number of Pulses in 31.6 seconds
8DPSK_3-DH1



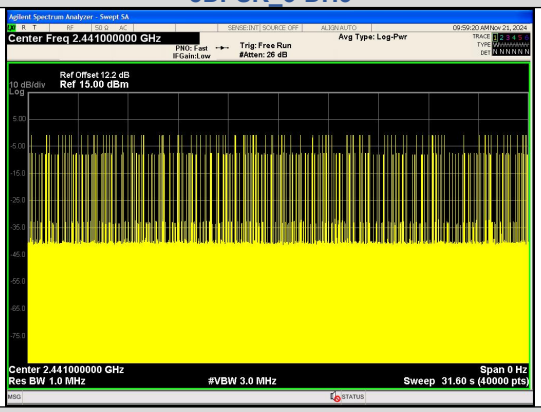
Pulse Width
8DPSK_3-DH3



Number of Pulses in 31.6 seconds
8DPSK_3-DH3



Pulse Width
8DPSK_3-DH5



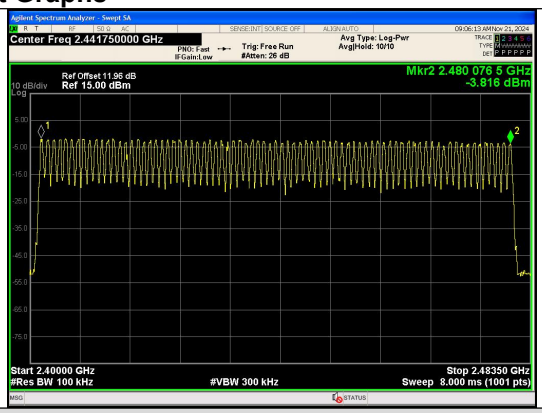
Number of Pulses in 31.6 seconds
8DPSK_3-DH5

APPENDIX III. Number Of Hopping Channel

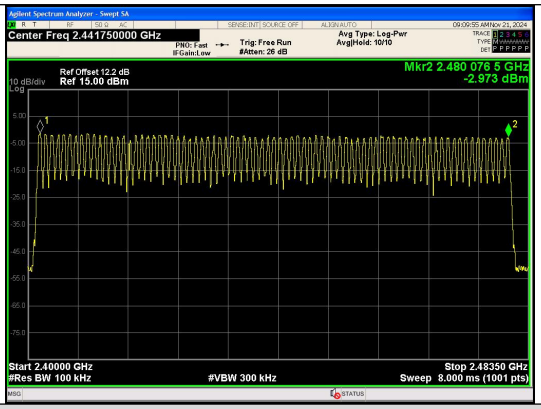
Test Result

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

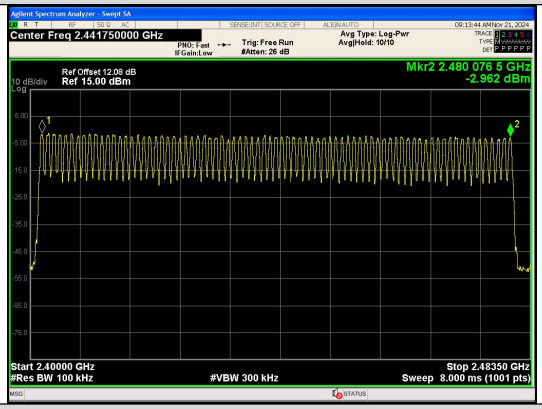
Test Graphs



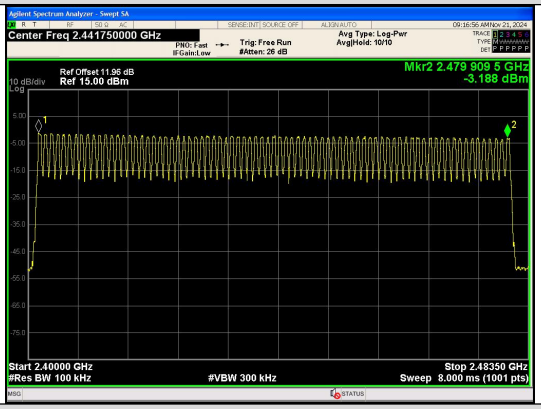
Hopping Plot
GFSK



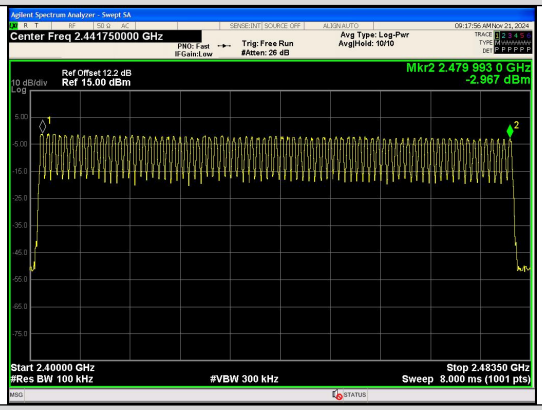
Hopping Plot
GFSK



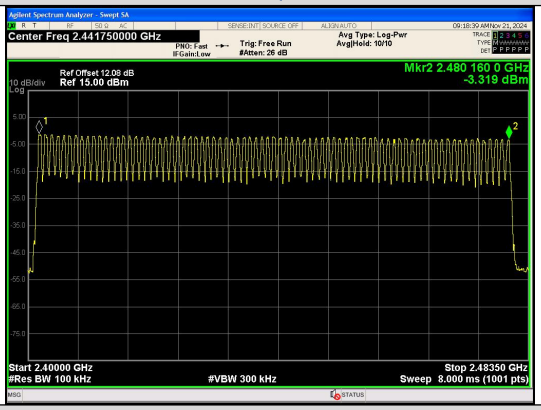
Hopping Plot
GFSK



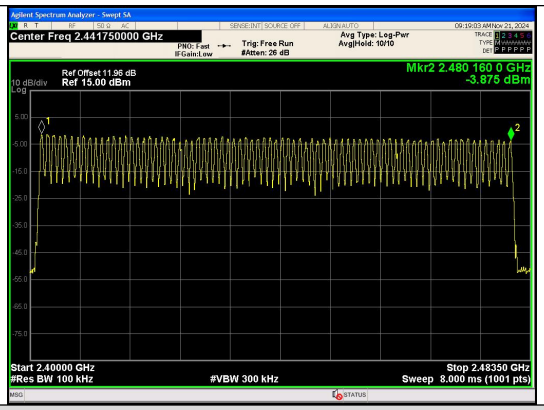
Hopping Plot
π/4DQPSK



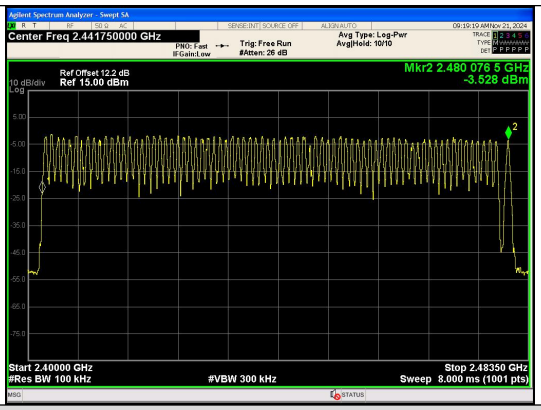
Hopping Plot
π/4DQPSK



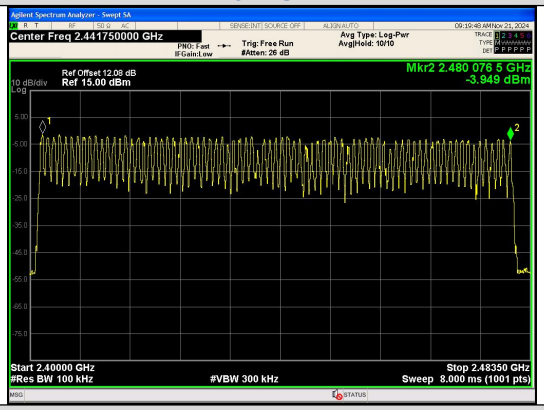
Hopping Plot
π/4DQPSK



Hopping Plot
8DPSK



Hopping Plot
8DPSK



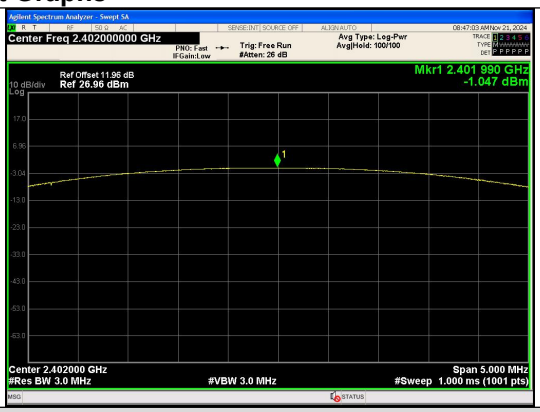
Hopping Plot
8DPSK

APPENDIX IV. Conducted Peak Output Power

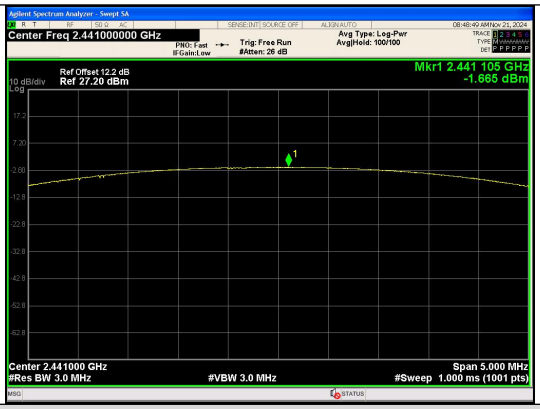
Test Result

Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
GFSK	DH5	0	-1.047	0.786	None	≤30	PASS
		39	-1.665	0.682	None		PASS
		78	-2.385	0.577	None		PASS
π/4DQPSK	2-DH5	0	-0.250	0.944	None	≤20.97	PASS
		39	-0.863	0.820	None		PASS
		78	-1.557	0.699	None		PASS
8DPSK	3-DH5	0	0.128	1.030	None		PASS
		39	-0.531	0.885	None		PASS
		78	-1.267	0.747	None		PASS

Test Graphs



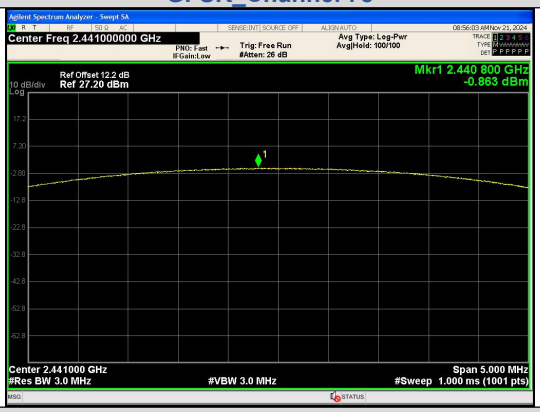
Peak Output Power
GFSK_Channel 0



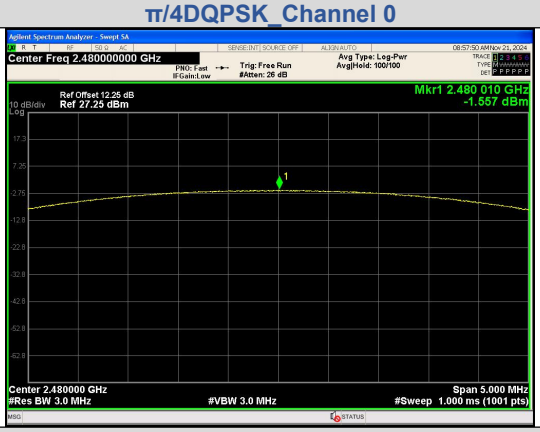
Peak Output Power
GFSK_Channel 39

Peak Output Power
GFSK_Channel 78

Peak Output Power
π/4DQPSK_Channel 0

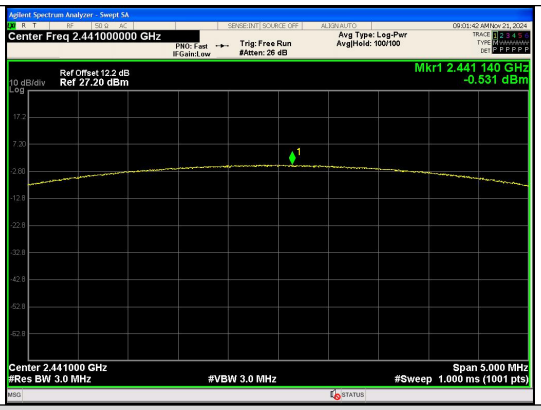


Peak Output Power
π/4DQPSK_Channel 39



Peak Output Power
π/4DQPSK_Channel 78

Peak Output Power
8DPSK_Channel 0



Peak Output Power
8DPSK_Channel 39

Peak Output Power
8DPSK_Channel 78

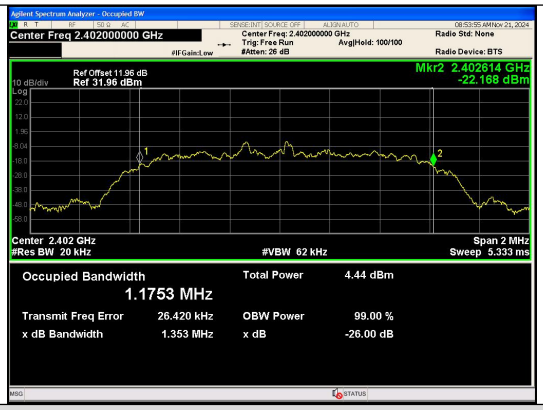
APPENDIX V. 99% Bandwidth

Test Result

Modulation	Channel	Center Frequency (MHz)	99% BW (MHz)
GFSK	0	2402	0.83105
	39	2441	0.82600
	78	2480	0.85332
π/4DQPSK	0	2402	1.1753
	39	2441	1.1872
	78	2480	1.1833
8DPSK	0	2402	1.1888
	39	2441	1.1967
	78	2480	1.1895

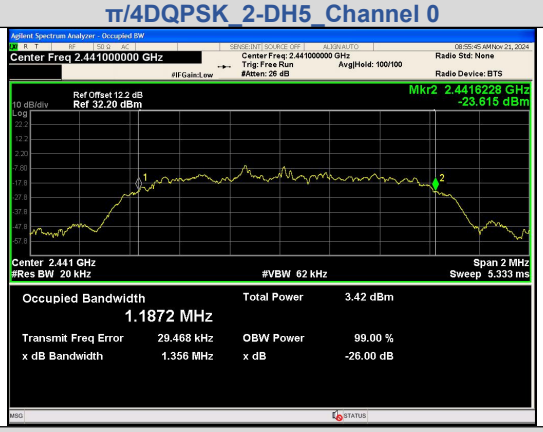
Test Graphs

GFSK_DH5_Channel 0



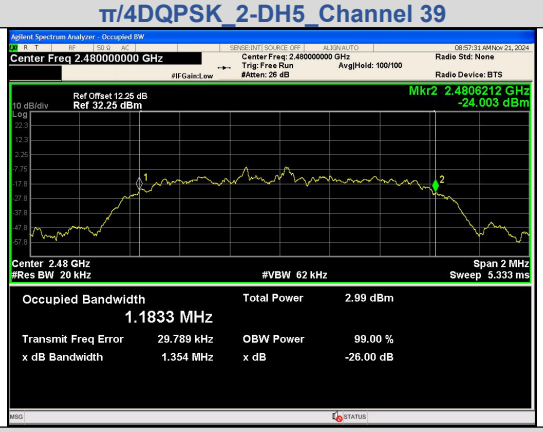
π/4DQPSK_2-DH5_Channel 0

GFSK_DH5_Channel 39



π/4DQPSK_2-DH5_Channel 39

GFSK_DH5_Channel 78



π/4DQPSK_2-DH5_Channel 78