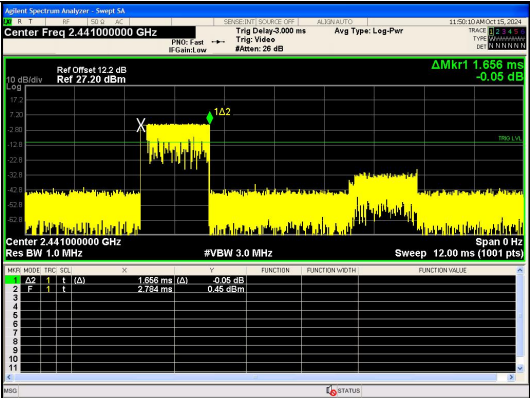
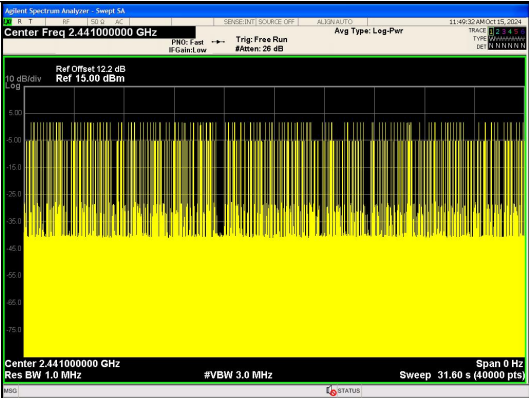
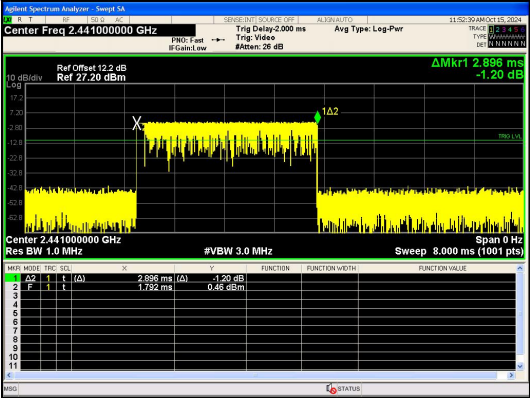




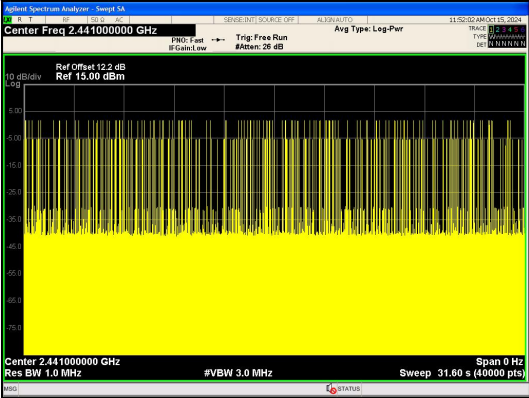
Pulse Width
8DPSK_3-DH3



Number of Pulses in 31.6 seconds
8DPSK_3-DH3



Pulse Width
8DPSK_3-DH5



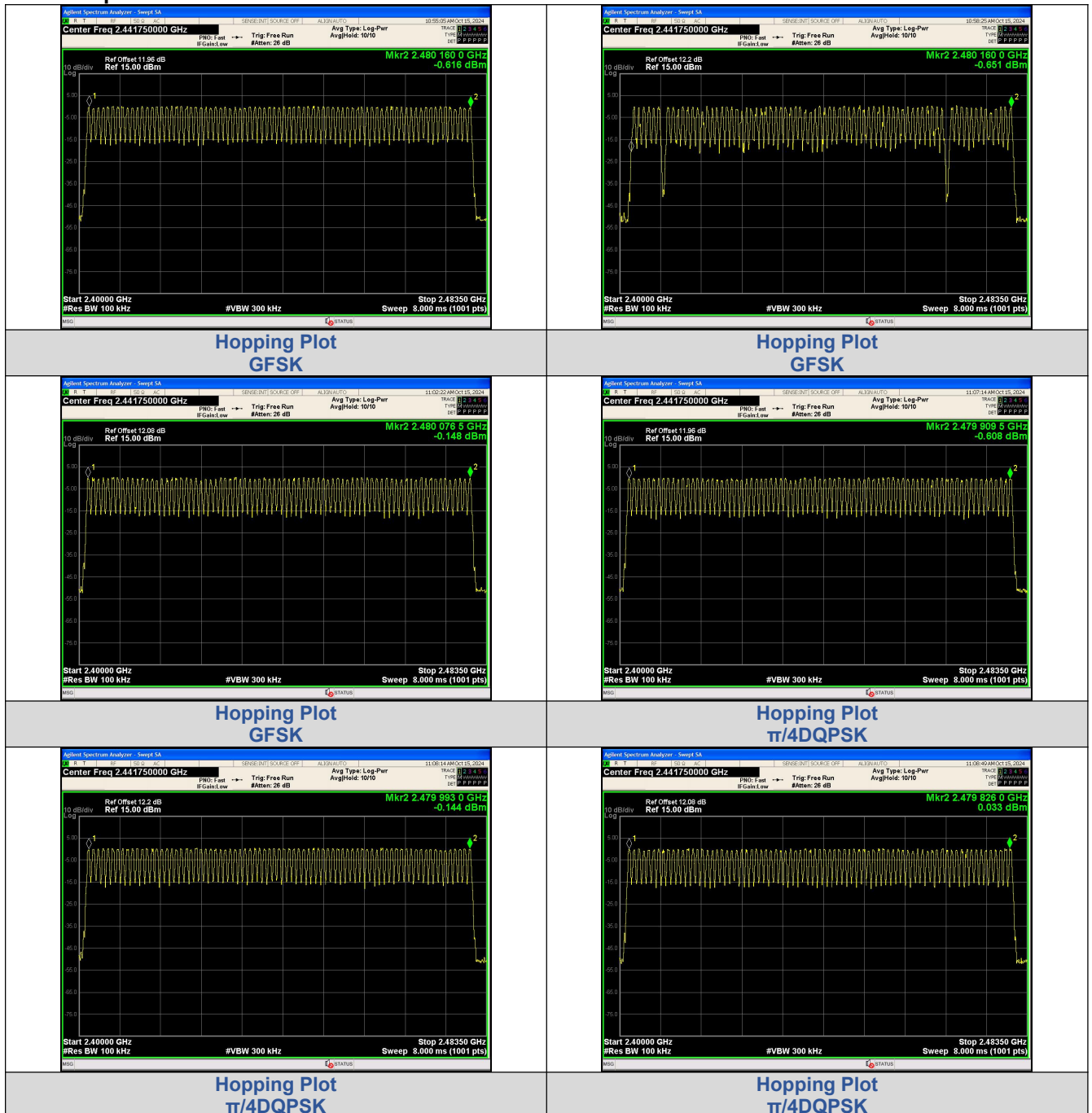
Number of Pulses in 31.6 seconds
8DPSK_3-DH5

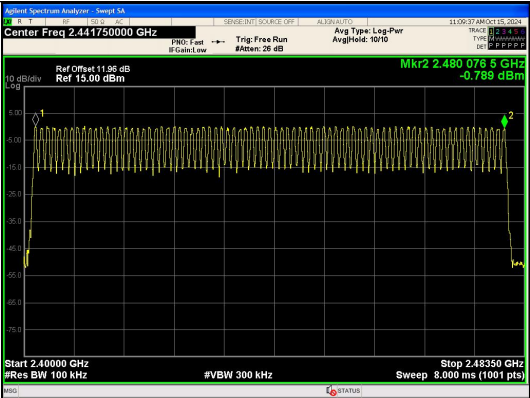
APPENDIX III. Number Of Hopping Channel

Test Result

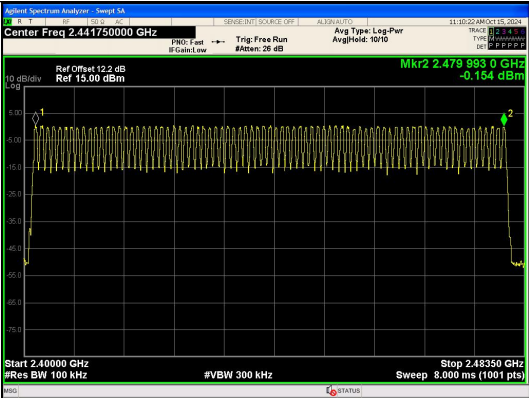
Modulation	Packet	Number of Hopping Channel	Limit	Result
GFSK	DH5	79	15	PASS
GFSK	DH5	79	15	PASS
GFSK	DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS

Test Graphs

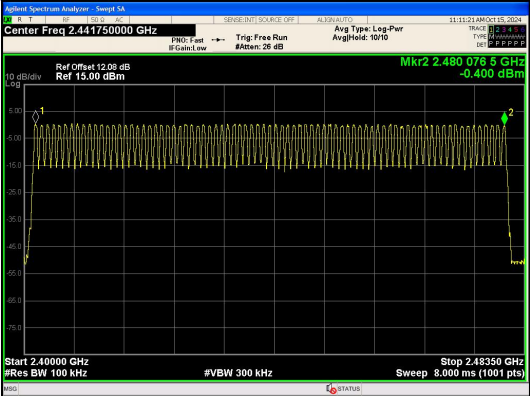




Hopping Plot
8DPSK



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	0.309	1.074	None	≤30	PASS
		39	0.500	1.122	None		PASS
		78	0.360	1.086	None		PASS
π/4DQPSK	2-DH5	0	1.200	1.318	None	≤20.97	PASS
		39	1.442	1.394	None		PASS
		78	1.252	1.334	None		PASS
8DPSK	3-DH5	0	1.691	1.476	None		PASS
		39	1.858	1.534	None		PASS
		78	1.709	1.482	None		PASS

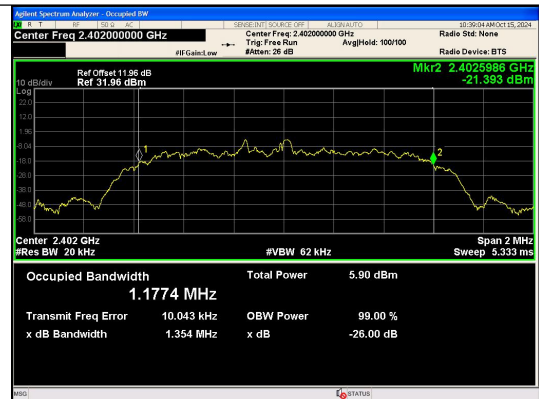
Test Result

Modulation	Channel	Center Frequency (MHz)	99% BW (MHz)
GFSK	0	2402	0.86094
	39	2441	0.85136
	78	2480	0.84653
$\pi/4$ DQPSK	0	2402	1.1774
	39	2441	1.1810
	78	2480	1.1880
8DPSK	0	2402	1.1929
	39	2441	1.1951
	78	2480	1.1930

Test Graphs



GFSK_DH5_Channel 0



π/4DQPSK_2-DH5_Channel 0



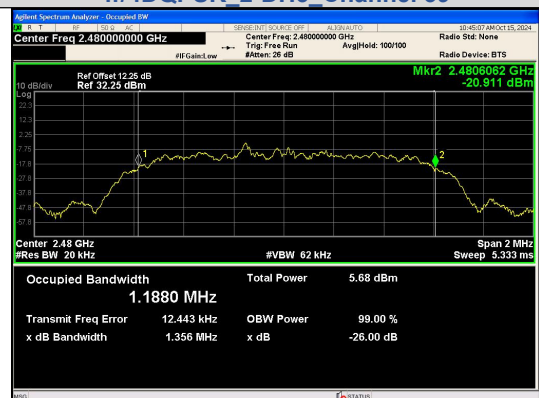
GFSK_DH5_Channel 39



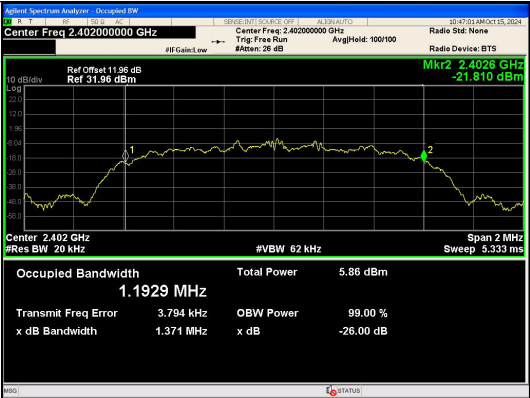
π/4DQPSK_2-DH5_Channel 39



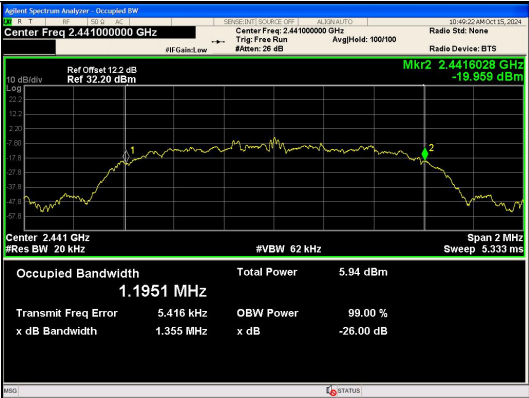
GFSK_DH5_Channel 78



π/4DQPSK_2-DH5_Channel 78



8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



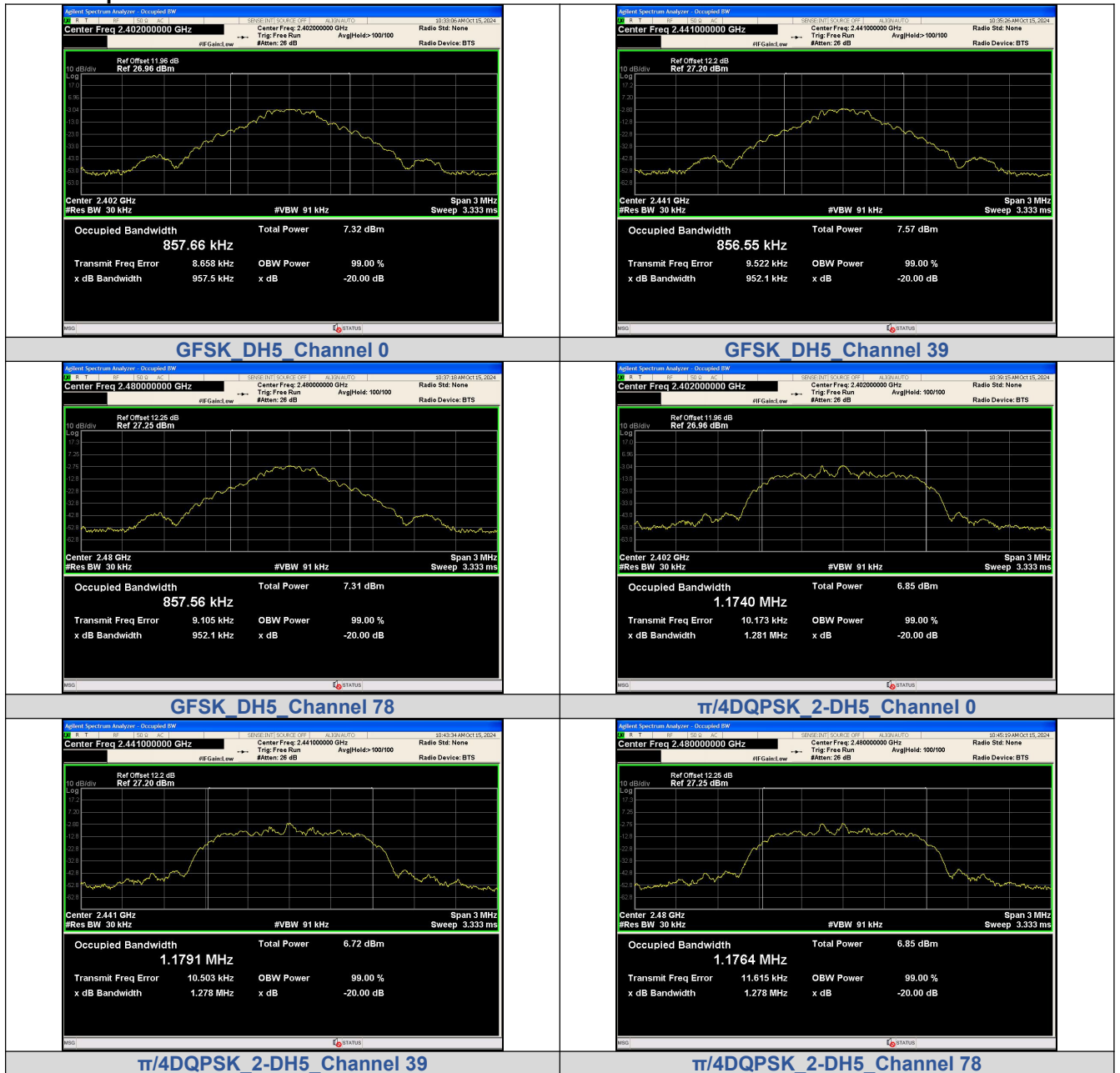
8DPSK 3-DH5 Channel 78

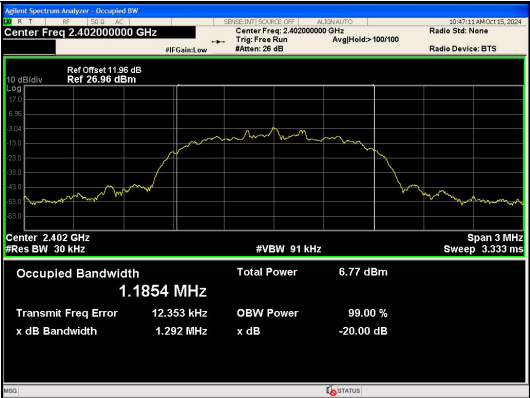
APPENDIX VI. 20dB Bandwidth

Test Result

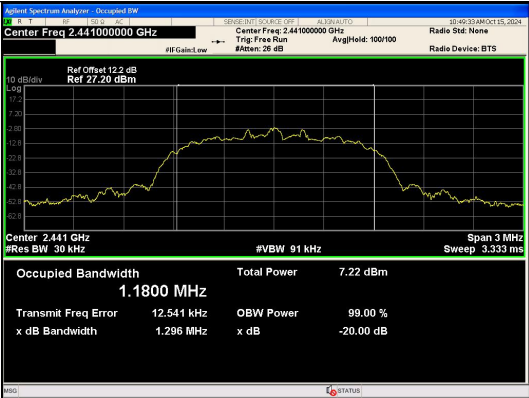
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9575
	39	2441 MHz	0.9521
	78	2480 MHz	0.9521
$\pi/4$ DQPSK	0	2402 MHz	1.281
	39	2441 MHz	1.278
	78	2480 MHz	1.278
8DPSK	0	2402 MHz	1.292
	39	2441 MHz	1.296
	78	2480 MHz	1.296

Test Graphs

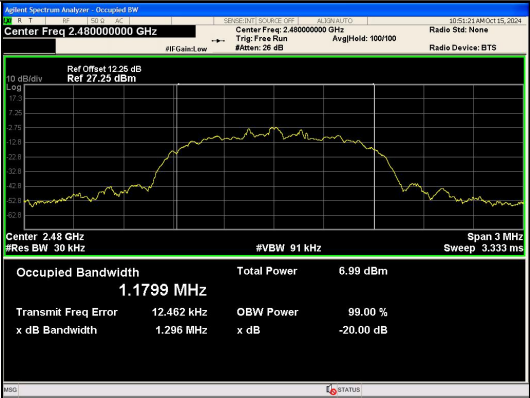




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



8DPSK 3-DH5 Channel 78

APPENDIX VII. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.8491	2441.1614	1.3123	0.638	PASS
GFSK	DH5	2439.9859	2441.0036	1.0177	0.635	PASS
GFSK	DH5	2440.1674	2441.024	0.8566	0.635	PASS
$\pi/4$ DQPSK	2-DH5	2440.0078	2441.1536	1.1458	0.854	PASS
$\pi/4$ DQPSK	2-DH5	2439.9793	2440.8518	0.8725	0.852	PASS
$\pi/4$ DQPSK	2-DH5	2439.8293	2440.8533	1.0240	0.852	PASS
8DPSK	3-DH5	2440.0039	2440.9763	0.9724	0.861	PASS
8DPSK	3-DH5	2440.0195	2441.18	1.1605	0.864	PASS
8DPSK	3-DH5	2439.8446	2440.8575	1.0129	0.864	PASS

Test Graphs

