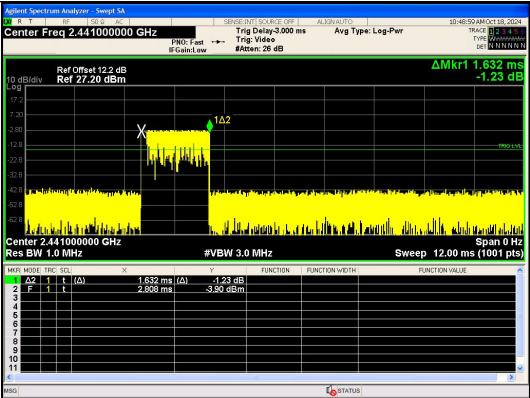
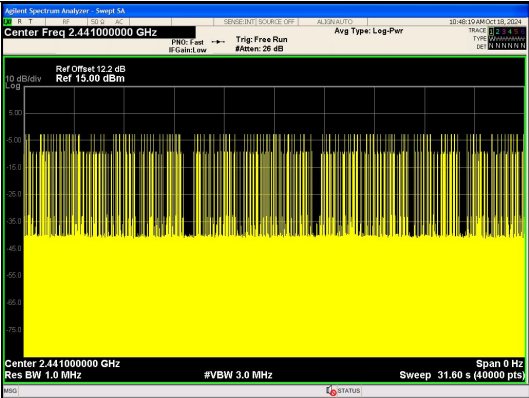
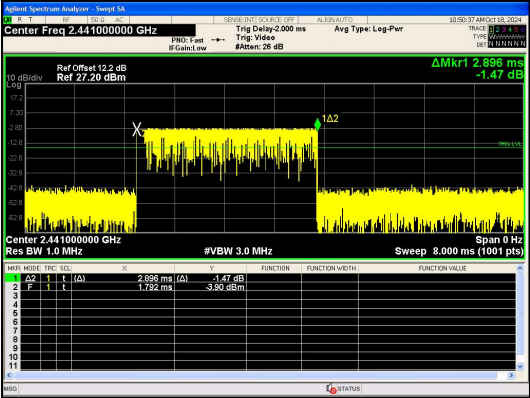




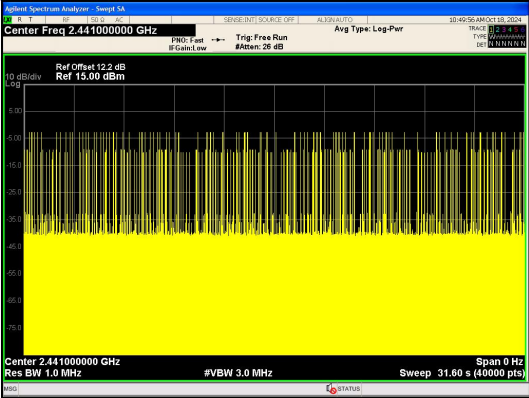
Pulse Width
8DPSK_3-DH3



Number of Pulses in 31.6 seconds
8DPSK_3-DH3



Pulse Width
8DPSK_3-DH5



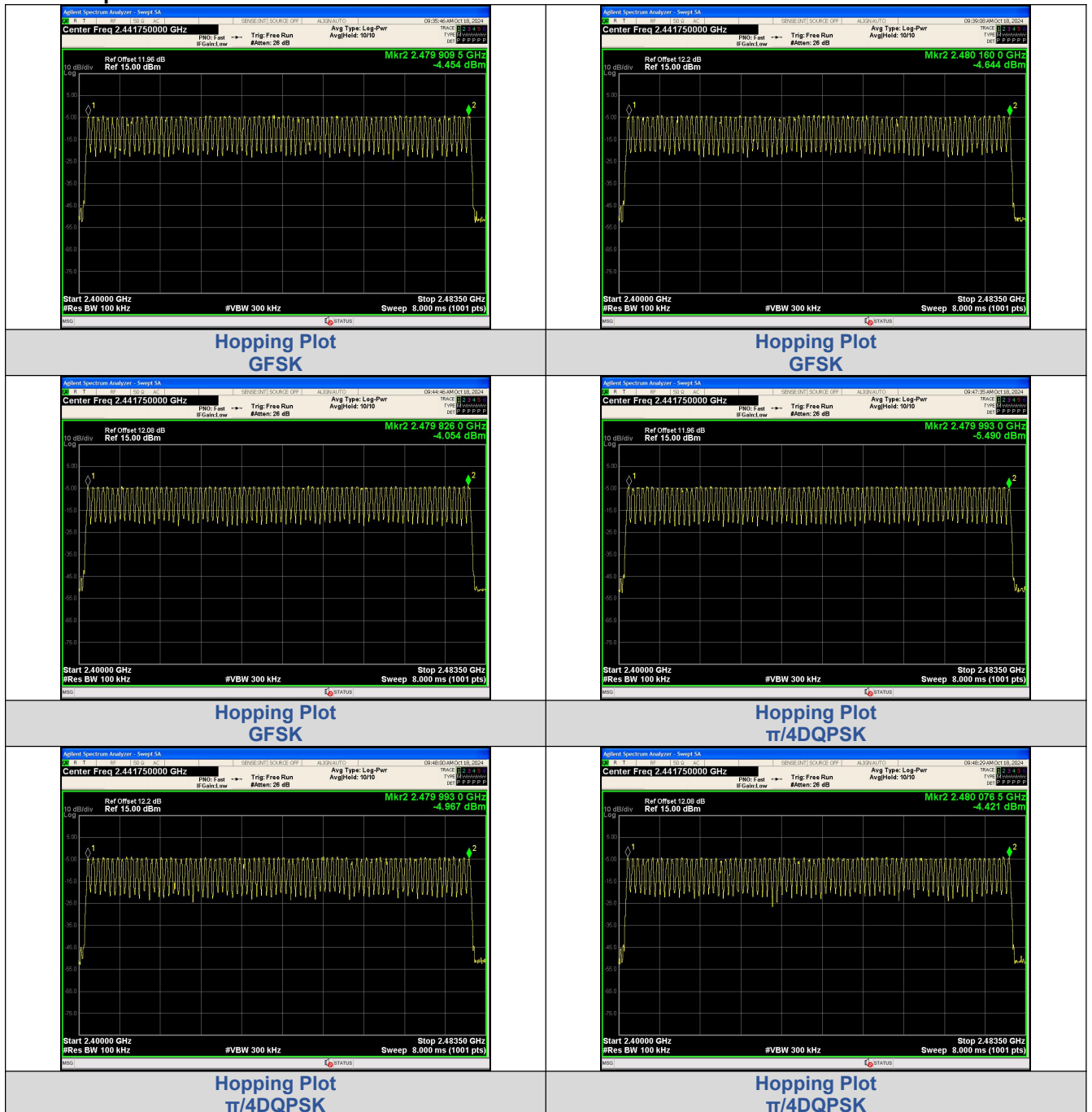
Number of Pulses in 31.6 seconds
8DPSK_3-DH5

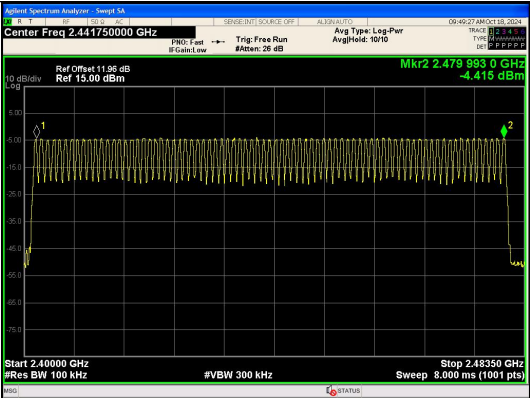
APPENDIX III. Number Of Hopping Channel

Test Result

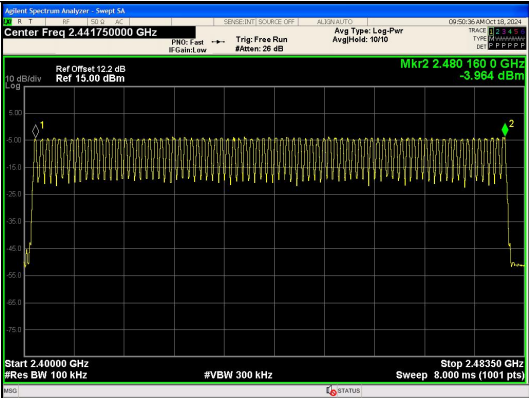
Modulation	Packet	Number of Hopping Channel	Limit	Result
GFSK	DH5	79	15	PASS
GFSK	DH5	79	15	PASS
GFSK	DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS

Test Graphs

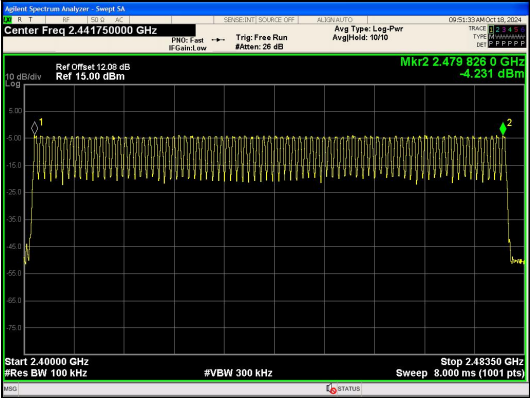




Hopping Plot
8DPSK



Hopping Plot
8DPSK



Hopping Plot
8DPSK

APPENDIX IV. Conducted Peak Output Power**Test Result**

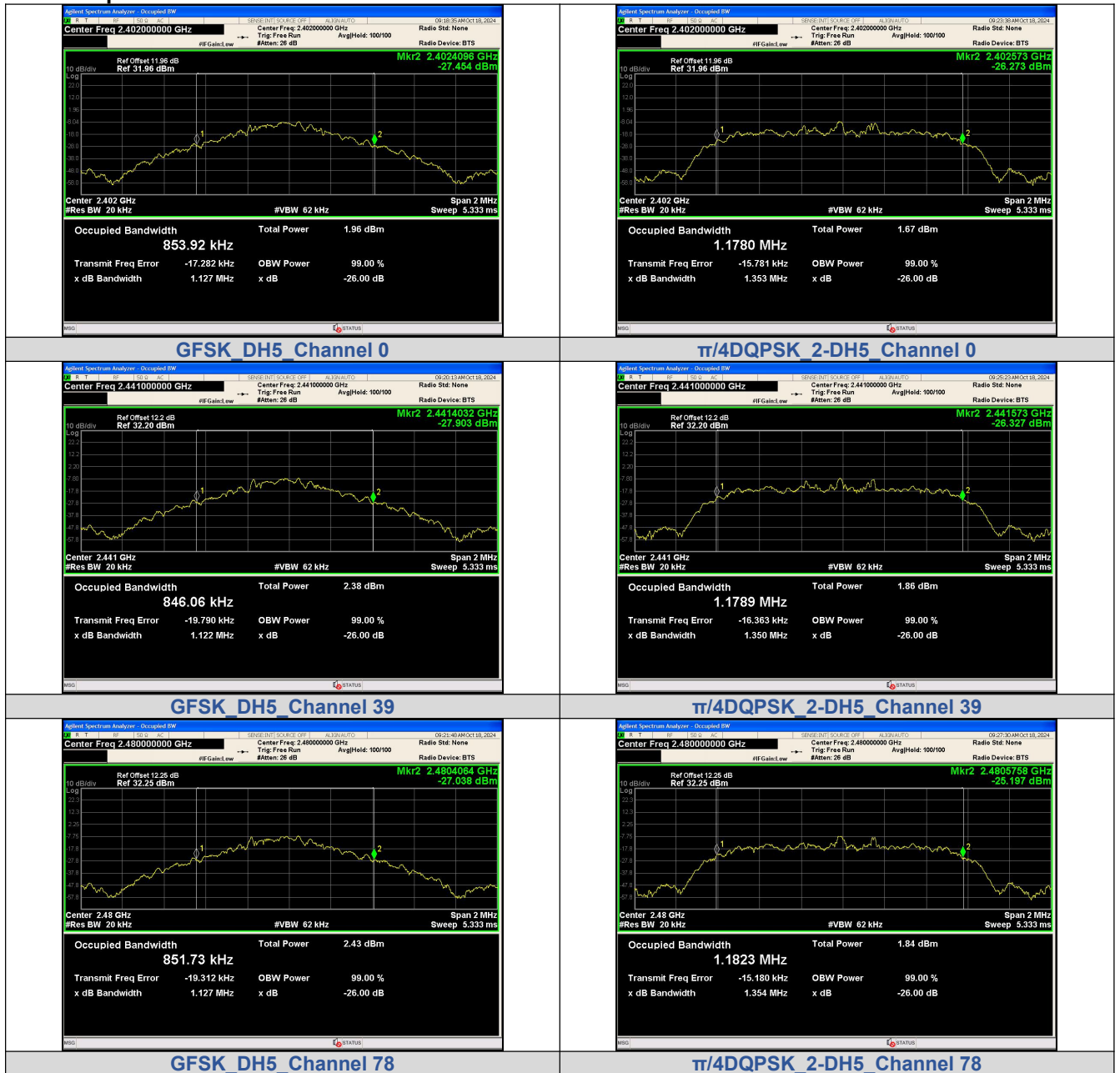
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
GFSK	DH5	0	-4.046	0.394	None	≤30	PASS
		39	-3.745	0.422	None		PASS
		78	-3.662	0.430	None		PASS
π/4DQPSK	2-DH5	0	-3.169	0.482	None	≤20.97	PASS
		39	-2.848	0.519	None		PASS
		78	-2.724	0.534	None		PASS
8DPSK	3-DH5	0	-2.648	0.544	None		PASS
		39	-2.330	0.585	None		PASS
		78	-2.278	0.592	None		PASS

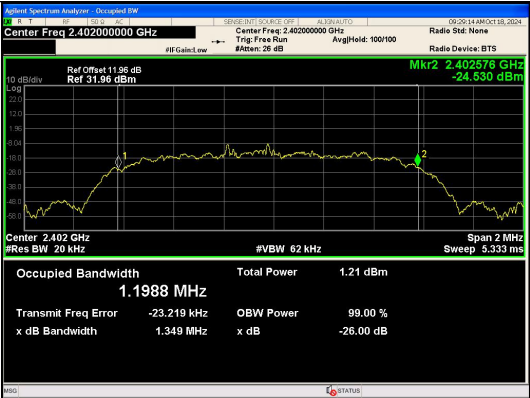
APPENDIX V. 99% Bandwidth

Test Result

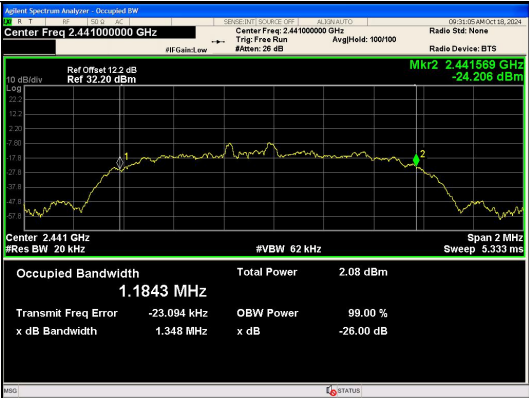
Modulation	Channel	Center Frequency (MHz)	99% BW (MHz)
GFSK	0	2402	0.85392
	39	2441	0.84606
	78	2480	0.85173
$\pi/4$ DQPSK	0	2402	1.1780
	39	2441	1.1789
	78	2480	1.1823
8DPSK	0	2402	1.1988
	39	2441	1.1843
	78	2480	1.1891

Test Graphs

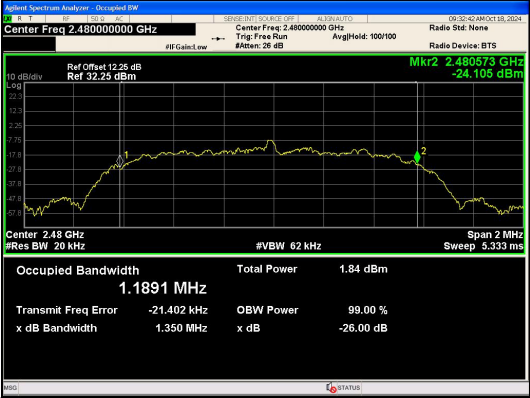




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



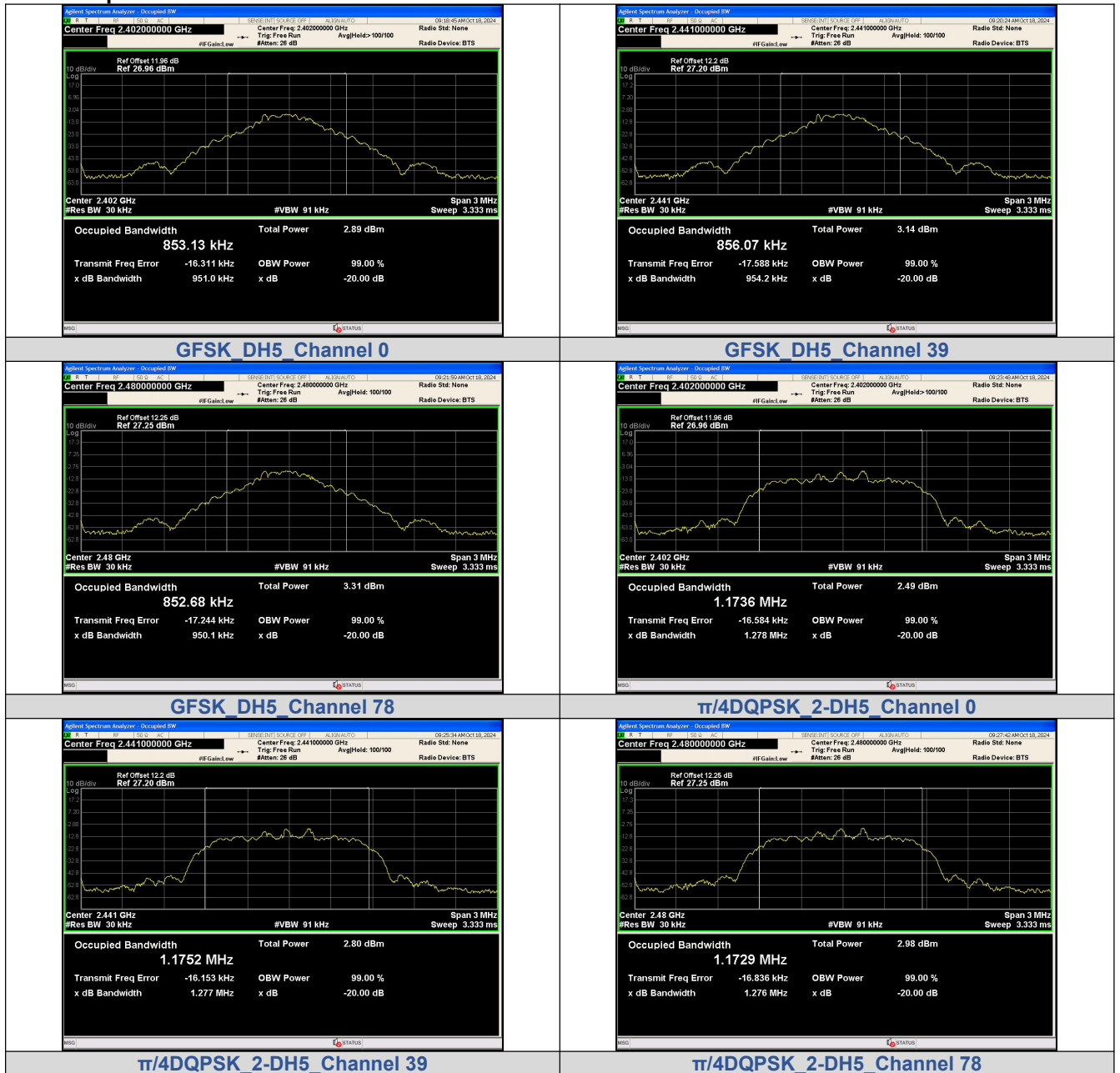
8DPSK 3-DH5 Channel 78

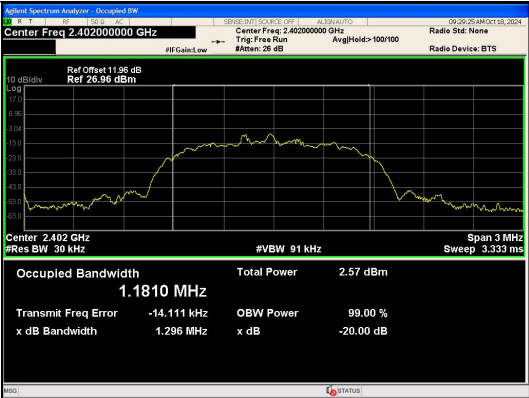
APPENDIX VI. 20dB Bandwidth

Test Result

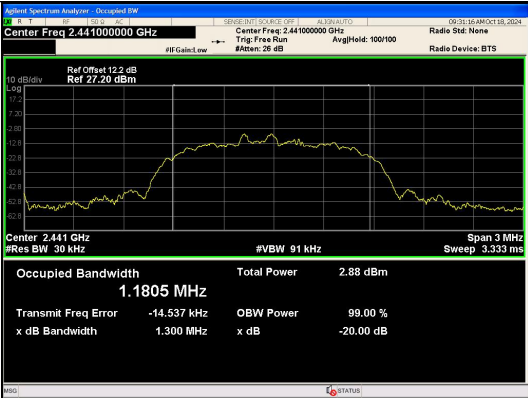
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9510
	39	2441 MHz	0.9542
	78	2480 MHz	0.9501
$\pi/4$ DQPSK	0	2402 MHz	1.278
	39	2441 MHz	1.277
	78	2480 MHz	1.276
8DPSK	0	2402 MHz	1.296
	39	2441 MHz	1.300
	78	2480 MHz	1.293

Test Graphs

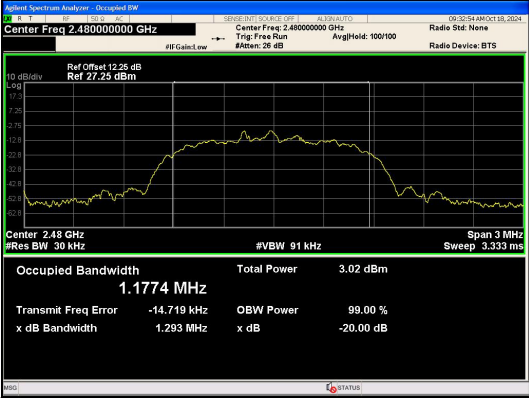




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39

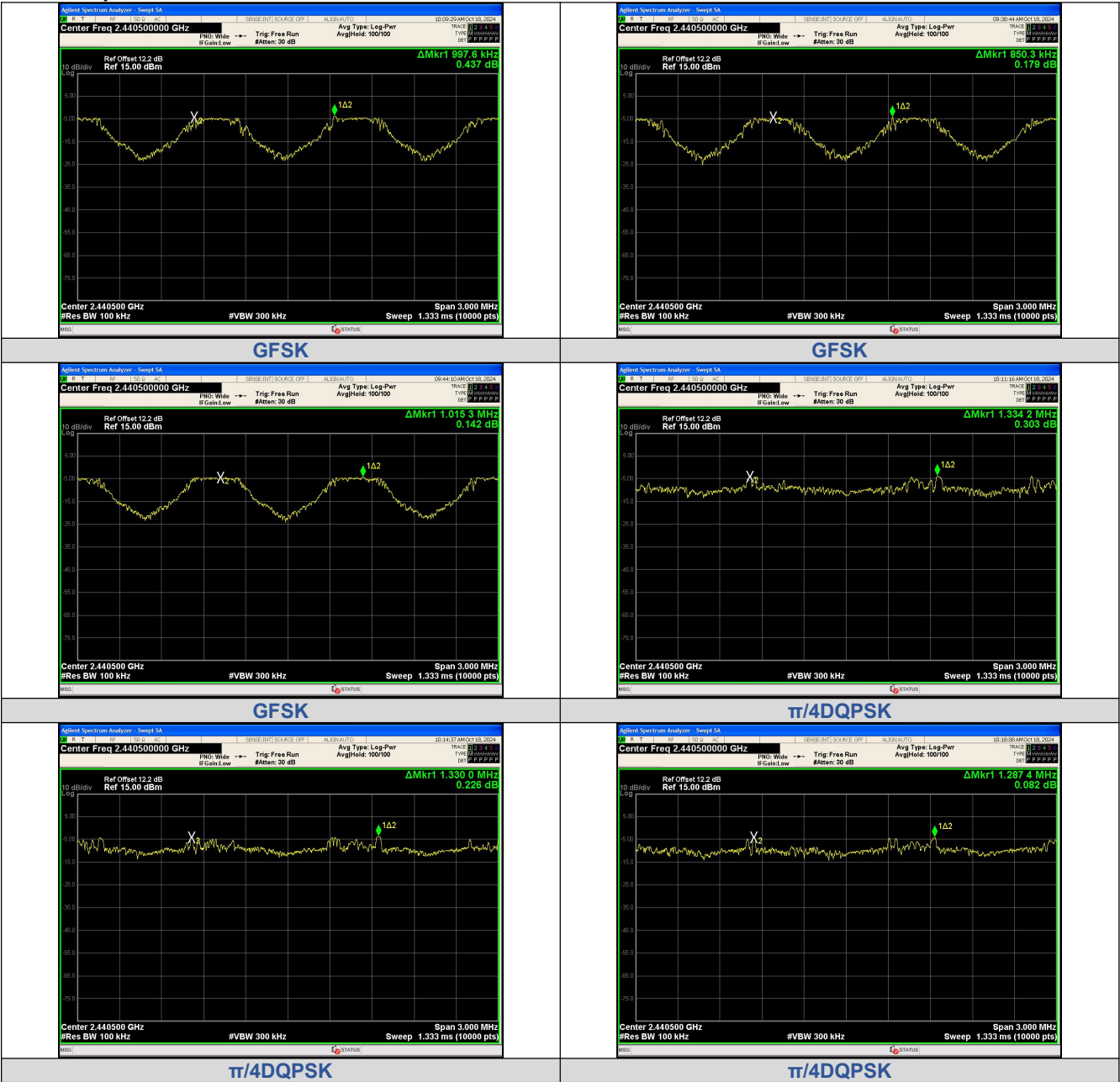


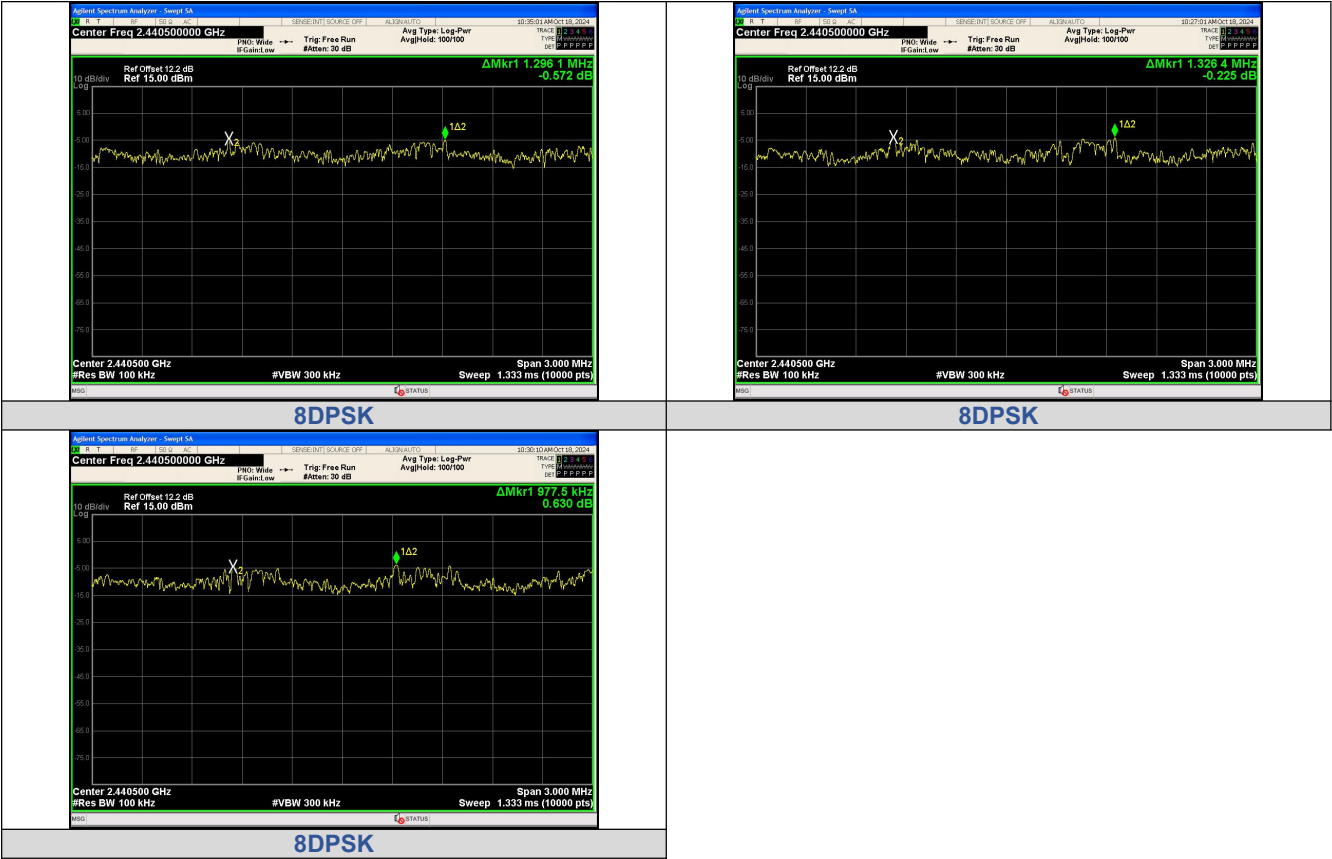
8DPSK 3-DH5 Channel 78

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	2439.8335	2440.8311	0.9976	0.634	PASS
GFSK	DH5	2439.9793	2440.8296	0.8503	0.636	PASS
GFSK	DH5	2440.0195	2441.0348	1.0153	0.633	PASS
π /4DQPSK	2-DH5	2439.8155	2441.1497	1.3342	0.852	PASS
π /4DQPSK	2-DH5	2439.8161	2441.1461	1.3300	0.851	PASS
π /4DQPSK	2-DH5	2439.8434	2441.1308	1.2874	0.851	PASS
8DPSK	3-DH5	2439.8194	2441.1155	1.2961	0.864	PASS
8DPSK	3-DH5	2439.823	2441.1494	1.3264	0.867	PASS
8DPSK	3-DH5	2439.8464	2440.8239	0.9775	0.862	PASS

Test Graphs





APPENDIX VIII. Conducted Out Of Band Emission**Test Result****Non-Hopping**

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2398.95	-48.837	-24.22	-24.617	PASS
			2400.00	-52.350	-24.22	-28.130	PASS
			4803.80	-56.425	-24.22	-32.206	PASS
			7205.30	-63.777	-24.22	-39.557	PASS
			9601.90	-44.483	-24.22	-20.263	PASS
			9608.70	-64.416	-24.22	-40.196	PASS
		39	4882.42	-54.994	-23.94	-31.054	PASS
			7322.67	-62.918	-23.94	-38.978	PASS
			9757.93	-44.302	-23.94	-20.362	PASS
		78	9764.17	-64.690	-23.94	-40.750	PASS
			2483.50	-48.593	-23.82	-24.773	PASS
			4959.83	-54.350	-23.82	-30.530	PASS
			7440.03	-63.749	-23.82	-39.929	PASS
			9914.00	-45.013	-23.82	-21.193	PASS
			9919.62	-64.746	-23.82	-40.926	PASS
$\pi/4$ DQPSK	2-DH5	0	2398.99	-48.444	-24.22	-24.224	PASS
			2400.00	-52.296	-24.22	-28.076	PASS
			4804.40	-60.472	-24.22	-36.252	PASS
			7206.60	-61.155	-24.22	-36.935	PASS
			9601.90	-44.817	-24.22	-20.597	PASS
			9608.70	-63.339	-24.22	-39.119	PASS
		39	4882.42	-57.101	-23.94	-33.161	PASS
			7322.67	-61.724	-23.94	-37.784	PASS
			9757.93	-44.293	-23.94	-20.353	PASS
		78	9763.55	-63.434	-23.94	-39.494	PASS
			2483.50	-49.931	-23.81	-26.121	PASS
			4959.83	-53.741	-23.81	-29.931	PASS
			7440.03	-63.398	-23.81	-39.588	PASS
			9914.00	-44.734	-23.81	-20.924	PASS
			9919.62	-63.165	-23.81	-39.355	PASS
8DPSK	3-DH5	0	2398.70	-47.769	-24.14	-23.629	PASS
			2400.00	-52.407	-24.14	-28.267	PASS
			4803.80	-61.074	-24.14	-36.934	PASS
			7206.60	-63.230	-24.14	-39.090	PASS
			9601.90	-44.909	-24.14	-20.769	PASS
			9608.70	-64.556	-24.14	-40.416	PASS
		39	4881.79	-57.359	-23.87	-33.489	PASS
			7322.05	-62.283	-23.87	-38.413	PASS
			9757.93	-44.383	-23.87	-20.513	PASS
		78	9764.80	-62.103	-23.87	-38.233	PASS
			2483.50	-51.753	-23.76	-27.993	PASS
			4959.83	-57.052	-23.76	-33.292	PASS
			7440.03	-63.337	-23.76	-39.578	PASS
			9914.00	-45.024	-23.76	-21.264	PASS
			9919.62	-63.847	-23.76	-40.087	PASS

Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.83	-47.971	-24.19	-23.781	PASS
			2400.00	-49.351	-24.19	-25.161	PASS
			2483.50	-50.977	-23.75	-27.227	PASS
			2398.02	-49.344	-24.41	-24.934	PASS
			2400.00	-50.036	-24.41	-25.626	PASS
			2483.50	-49.990	-24.27	-25.720	PASS
			2398.63	-49.568	-24.35	-25.218	PASS
			2400.00	-49.695	-24.35	-25.345	PASS
			2483.50	-50.981	-23.81	-27.171	PASS