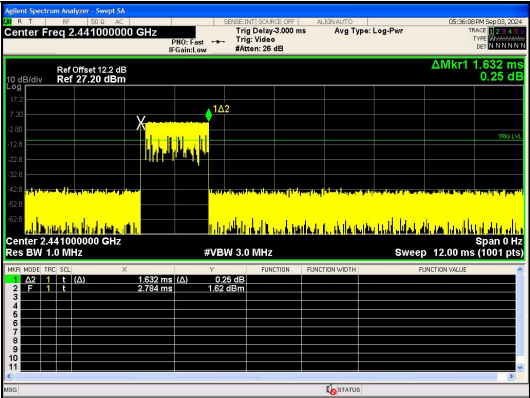
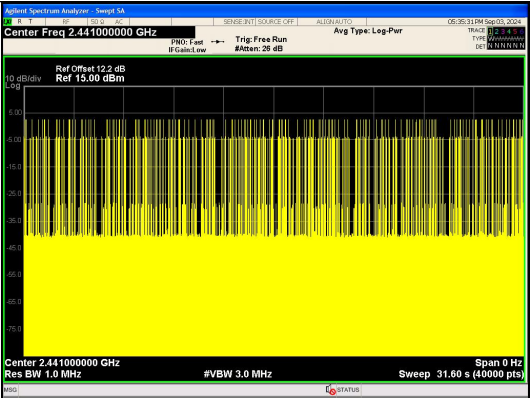
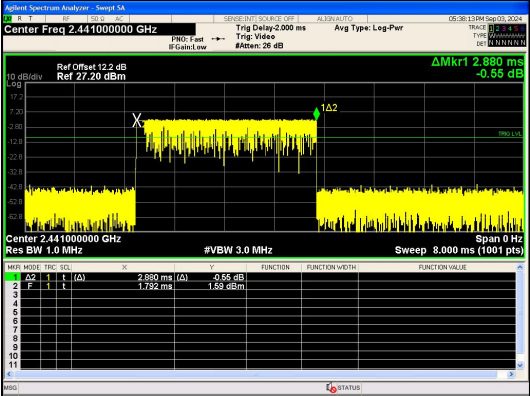




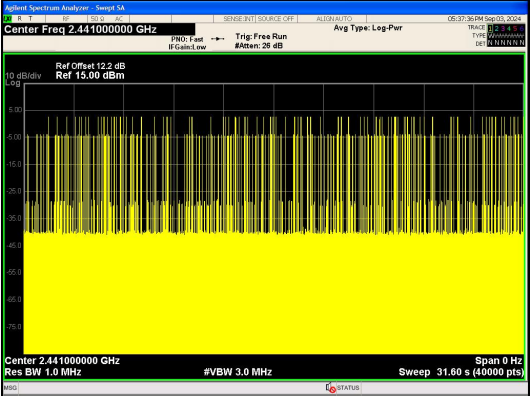
Pulse Width
8DPSK_3-DH3



Number of Pulses in 31.6 seconds
8DPSK_3-DH3



Pulse Width
8DPSK_3-DH5



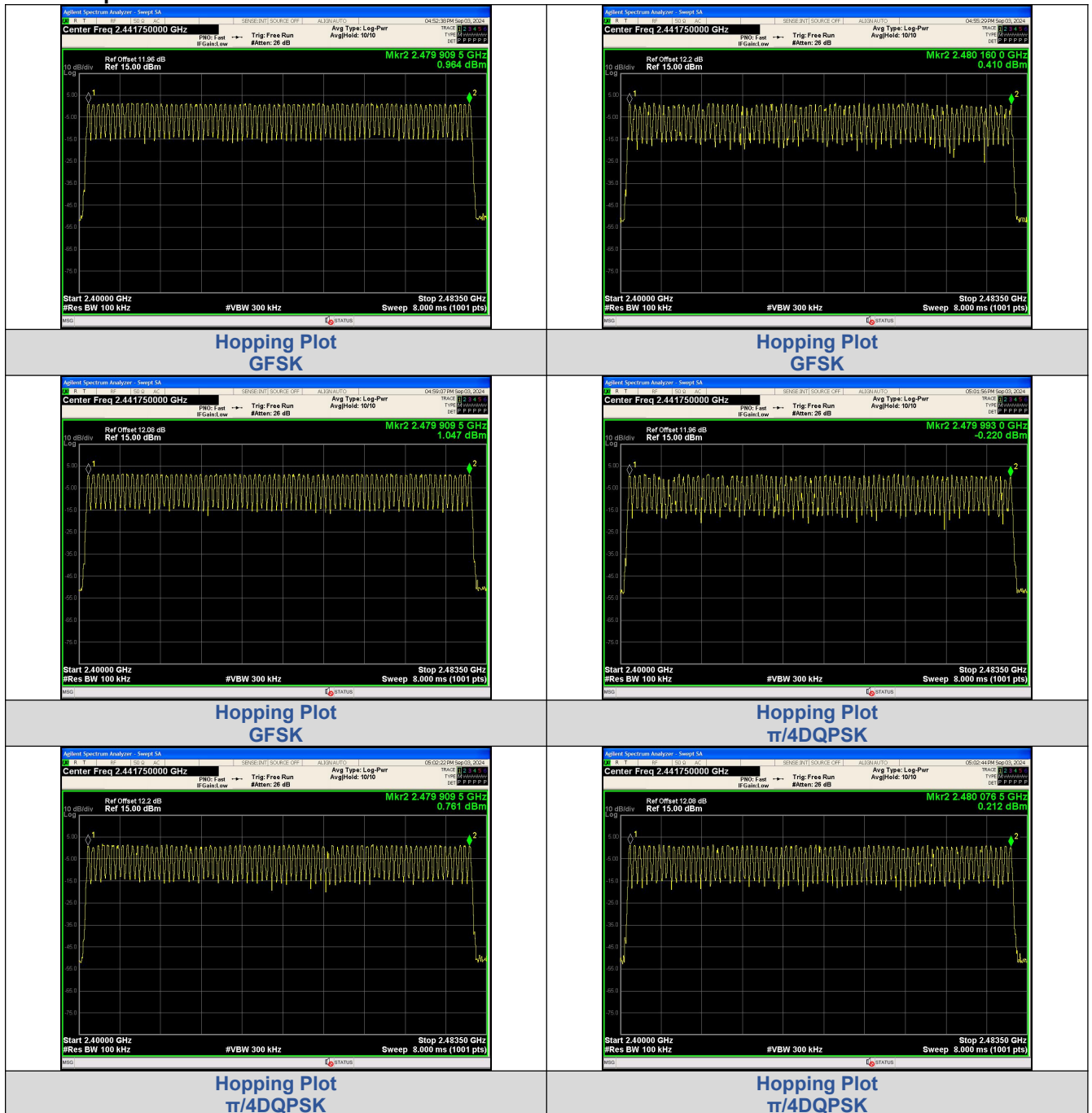
Number of Pulses in 31.6 seconds
8DPSK_3-DH5

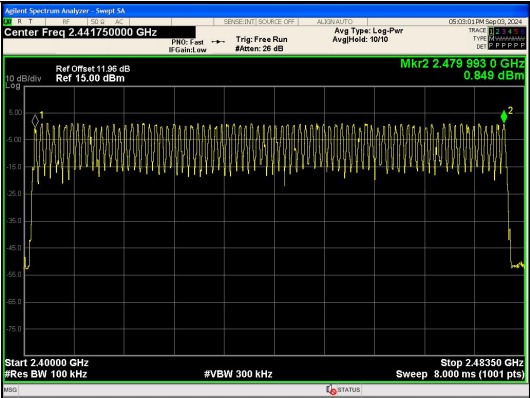
APPENDIX III.Number Of Hopping Channel

Test Result

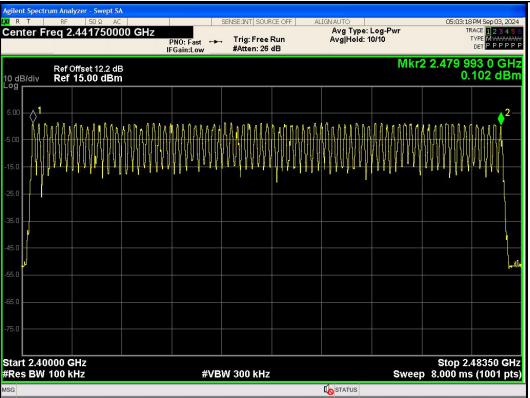
Modulation	Packet	Number of Hopping Channel	Limit	Result
GFSK	DH5	79	15	PASS
GFSK	DH5	79	15	PASS
GFSK	DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
$\pi/4$ DQPSK	2-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS

Test Graphs

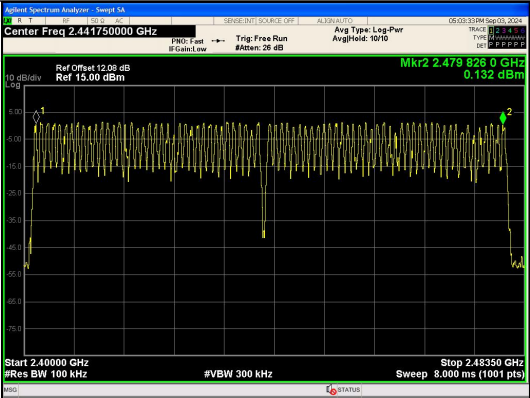




Hopping Plot
8DPSK



Hopping Plot
8DPSK



Hopping Plot
8DPSK

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

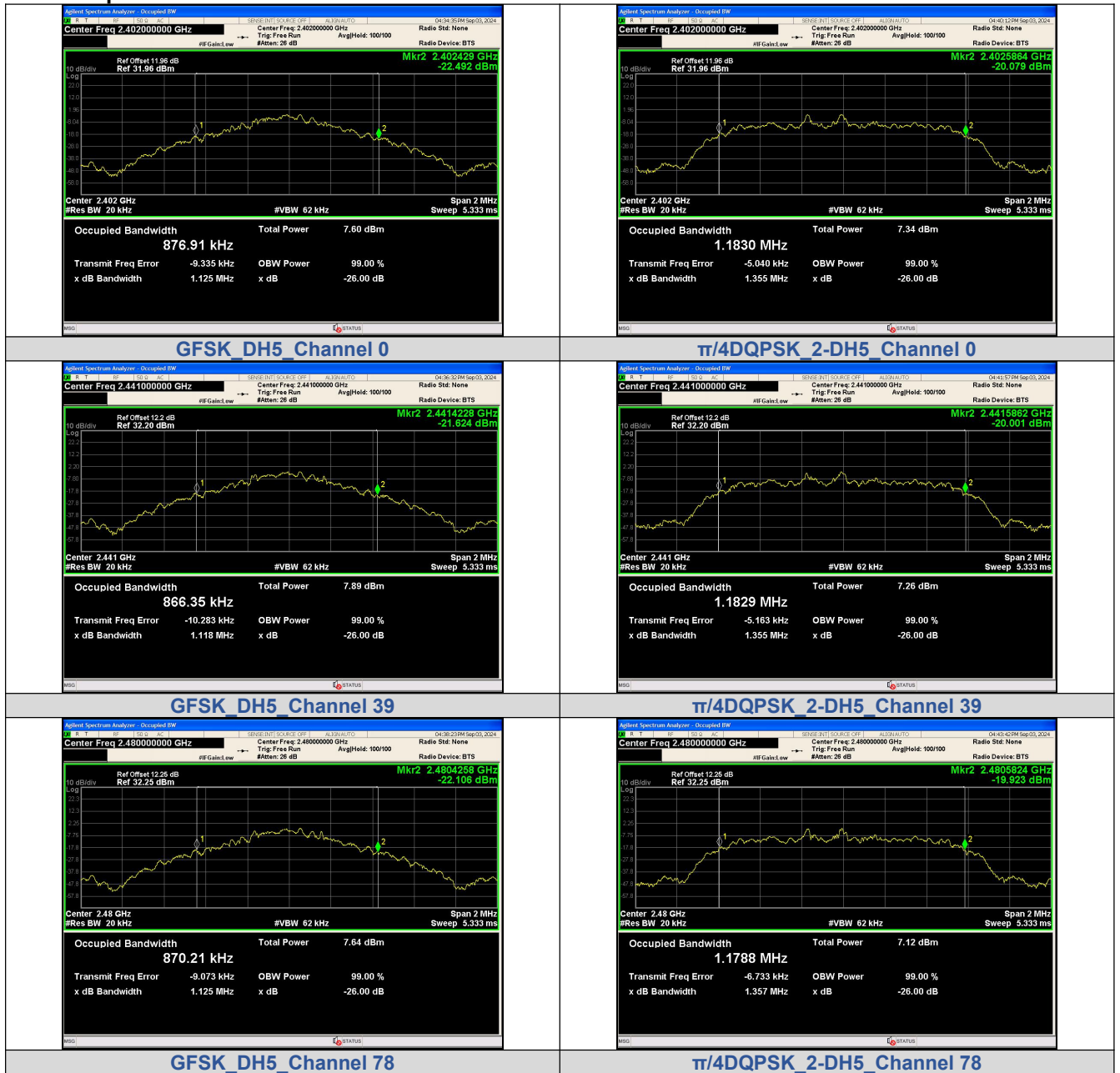
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
GFSK	DH5	0	1.586	1.441	None	≤30	PASS
		39	1.627	1.454	None		PASS
		78	1.449	1.396	None		PASS
π/4DQPSK	2-DH5	0	2.458	1.761	None	≤20.97	PASS
		39	2.492	1.775	None		PASS
		78	2.307	1.701	None		PASS
8DPSK	3-DH5	0	2.942	1.969	None		PASS
		39	2.981	1.987	None		PASS
		78	2.811	1.910	None		PASS

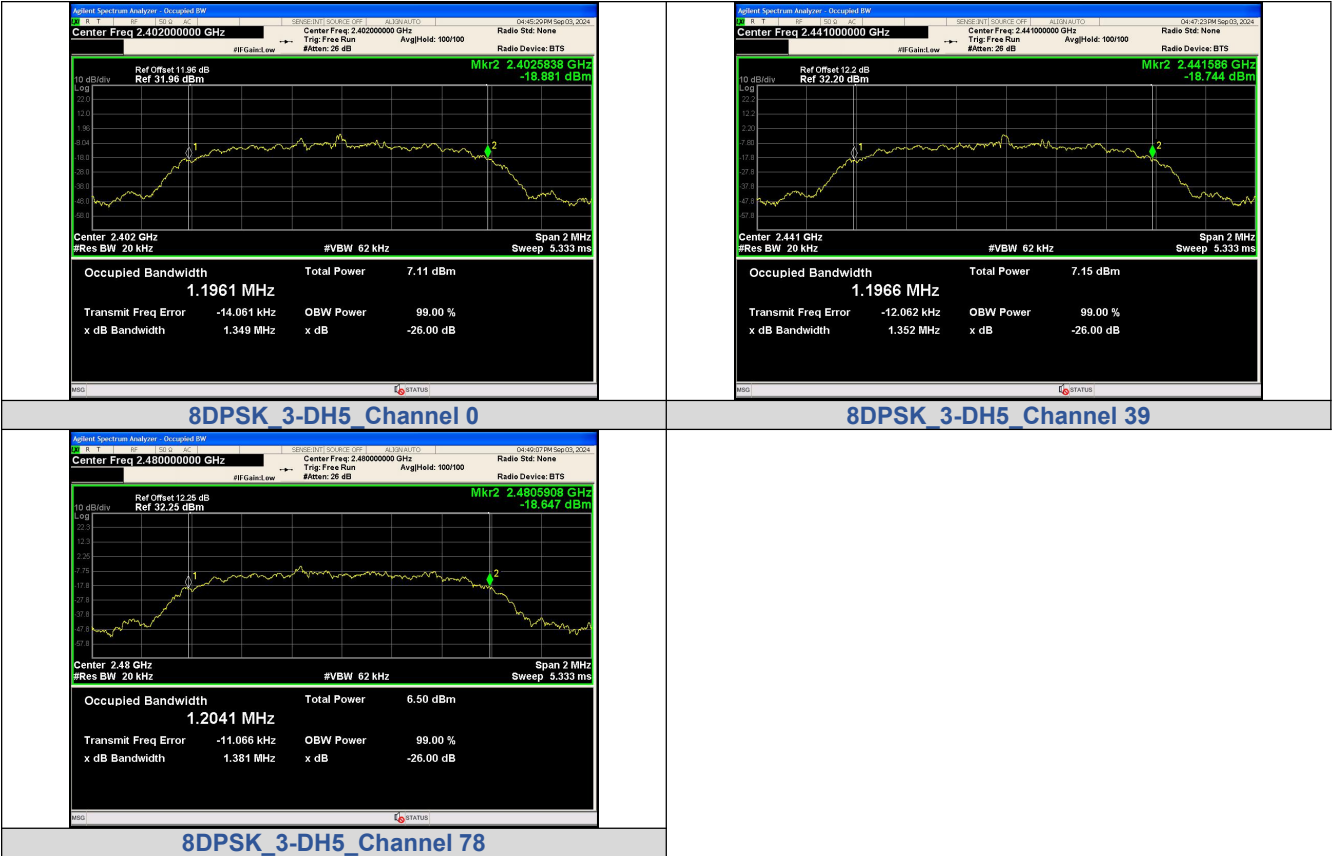
APPENDIX V.99% Bandwidth

Test Result

Modulation	Channel	Center Frequency (MHz)	99% BW (MHz)
GFSK	0	2402	0.87691
	39	2441	0.86635
	78	2480	0.87021
$\pi/4$ DQPSK	0	2402	1.1830
	39	2441	1.1829
	78	2480	1.1788
8DPSK	0	2402	1.1961
	39	2441	1.1966
	78	2480	1.2041

Test Graphs



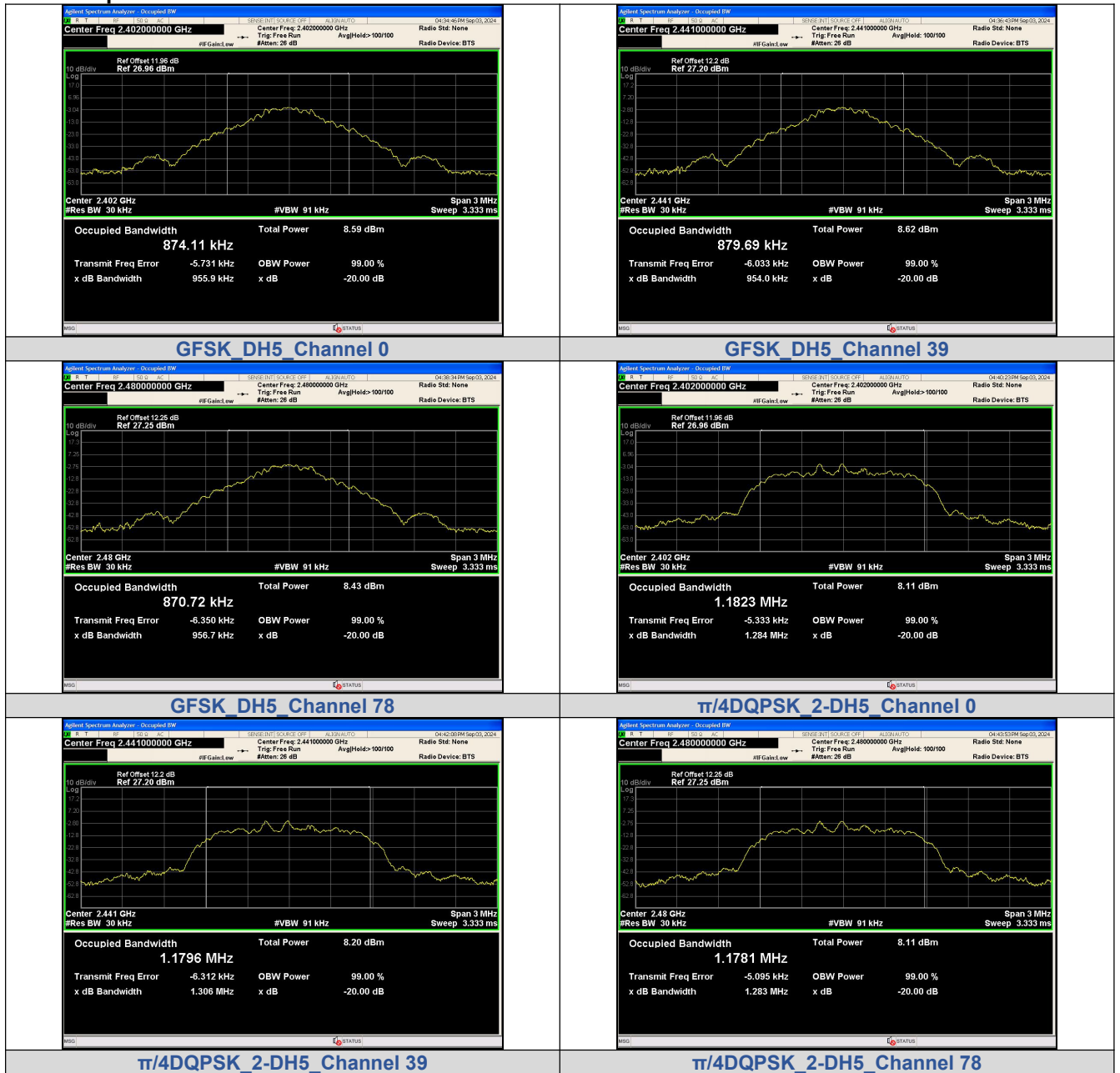


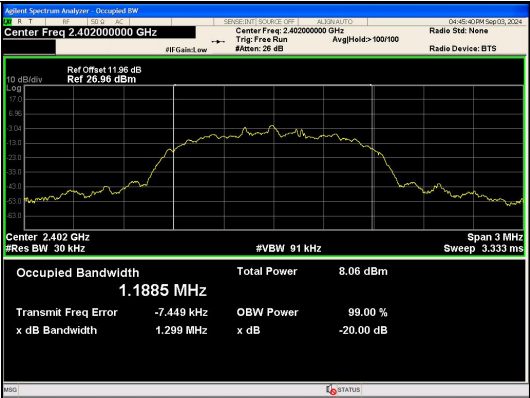
APPENDIX VI.20dB Bandwidth

Test Result

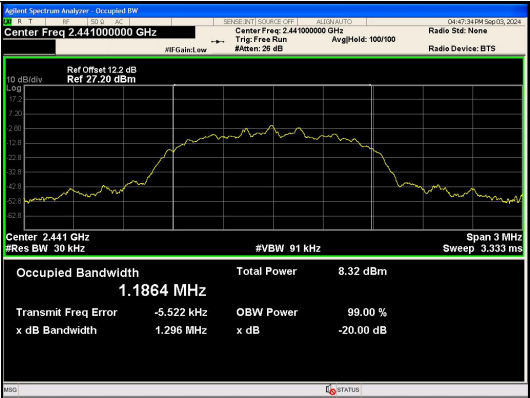
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9559
	39	2441 MHz	0.9540
	78	2480 MHz	0.9567
$\pi/4$ DQPSK	0	2402 MHz	1.284
	39	2441 MHz	1.306
	78	2480 MHz	1.283
8DPSK	0	2402 MHz	1.299
	39	2441 MHz	1.296
	78	2480 MHz	1.297

Test Graphs

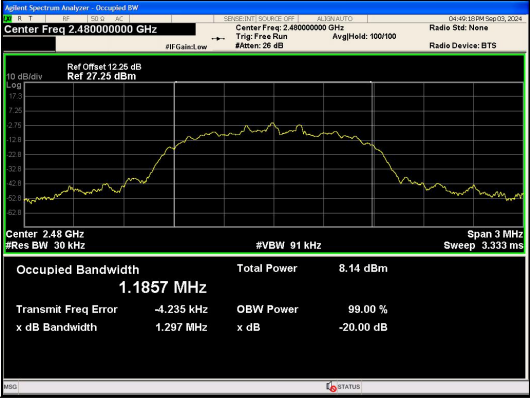




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



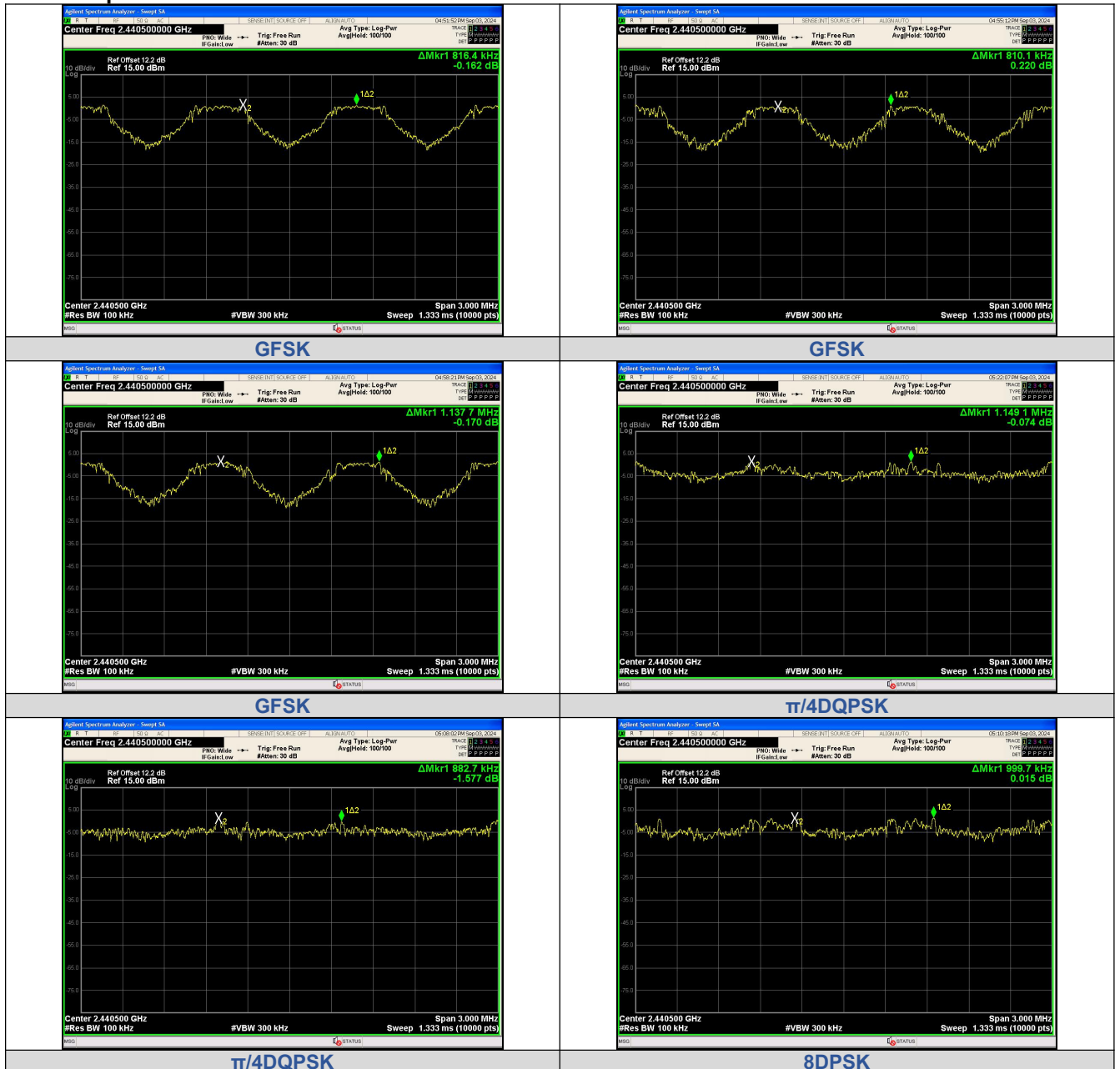
8DPSK 3-DH5 Channel 78

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	2440.1641	2440.9805	0.8164	0.637	PASS
GFSK	DH5	2440.0273	2440.8374	0.8101	0.636	PASS
GFSK	DH5	2440.0045	2441.1422	1.1377	0.638	PASS
$\pi/4$ DQPSK	2-DH5	2439.8347	2440.9838	1.1491	0.871	PASS
$\pi/4$ DQPSK	2-DH5	2439.9895	2440.8722	0.8827	0.855	PASS
8DPSK	3-DH5	2440.1467	2441.1464	0.9997	0.866	PASS
8DPSK	3-DH5	2439.9727	2441.0192	1.0465	0.864	PASS
8DPSK	3-DH5	2439.9661	2441.0003	1.0342	0.865	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	2400.00	-48.209	-18.54	-29.669	PASS
			2593.86	-44.841	-18.54	-26.301	PASS
			4803.76	-45.130	-18.54	-26.590	PASS
			7205.93	-48.327	-18.54	-29.787	PASS
			9608.11	-57.709	-18.54	-39.169	PASS
		39	4881.79	-43.644	-18.58	-25.064	PASS
			7322.67	-46.198	-18.58	-27.618	PASS
			9764.17	-59.830	-18.58	-41.250	PASS
		78	2483.50	-49.020	-18.68	-30.340	PASS
			4959.83	-43.056	-18.68	-24.376	PASS
			7440.03	-47.499	-18.68	-28.819	PASS
			9920.24	-57.927	-18.68	-39.247	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-46.937	-18.51	-28.427	PASS
			4803.76	-46.595	-18.51	-28.085	PASS
			7205.93	-49.596	-18.51	-31.086	PASS
			9608.11	-56.681	-18.51	-38.171	PASS
			24873.3	-46.319	-18.51	-27.808	PASS
		39	4881.79	-44.101	-18.77	-25.331	PASS
			7323.30	-51.059	-18.77	-32.288	PASS
			9764.17	-61.050	-18.77	-42.281	PASS
		78	2483.50	-51.522	-18.59	-32.932	PASS
			4959.83	-44.639	-18.59	-26.049	PASS
			7440.03	-48.930	-18.59	-30.340	PASS
			9920.24	-57.191	-18.59	-38.602	PASS
8DPSK	3-DH5	0	2400.00	-48.835	-18.56	-30.275	PASS
			4803.76	-46.962	-18.56	-28.402	PASS
			7205.93	-50.772	-18.56	-32.212	PASS
			9608.11	-57.285	-18.56	-38.725	PASS
			24948.8	-45.882	-18.56	-27.322	PASS
		39	4881.79	-44.505	-18.58	-25.925	PASS
			7322.67	-50.314	-18.58	-31.734	PASS
			9764.17	-60.852	-18.58	-42.272	PASS
			24915.1	-44.417	-18.58	-25.837	PASS
		78	2483.50	-51.019	-18.78	-32.239	PASS
			4959.83	-45.151	-18.78	-26.371	PASS
			7440.03	-50.692	-18.78	-31.912	PASS
			9920.24	-57.409	-18.78	-38.629	PASS

Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.12	-49.436	-18.64	-30.796	PASS
			2400.00	-50.874	-18.64	-32.234	PASS
			2483.50	-50.656	-18.84	-31.816	PASS
			2396.18	-49.579	-18.72	-30.859	PASS
			2400.00	-50.723	-18.72	-32.003	PASS
			2483.50	-51.683	-18.84	-32.843	PASS
			2396.07	-49.535	-18.73	-30.805	PASS
			2400.00	-49.924	-18.73	-31.194	PASS
2483.50	-50.724		-18.97	-31.754	PASS		
π/4DQPSK	2-DH5		2398.05	-49.525	-18.54	-30.985	PASS
			2400.00	-50.809	-18.54	-32.269	PASS
			2483.50	-50.812	-18.86	-31.952	PASS
			2395.56	-50.154	-20.04	-30.114	PASS
			2400.00	-52.028	-20.04	-31.988	PASS
			2483.50	-51.638	-20.79	-30.848	PASS
8DPSK	3-DH5		2398.05	-49.708	-18.63	-31.078	PASS
			2400.00	-51.143	-18.63	-32.513	PASS