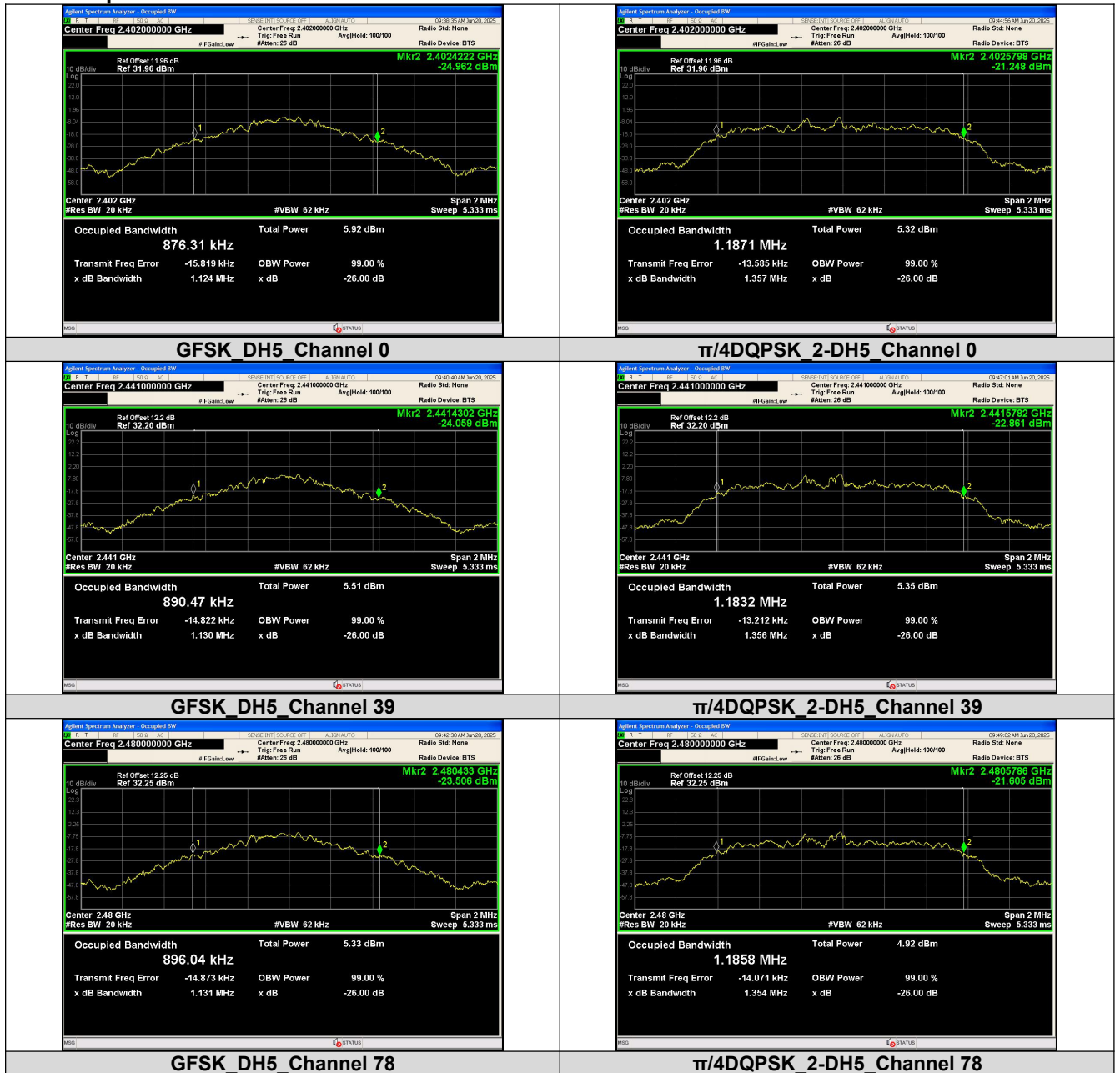
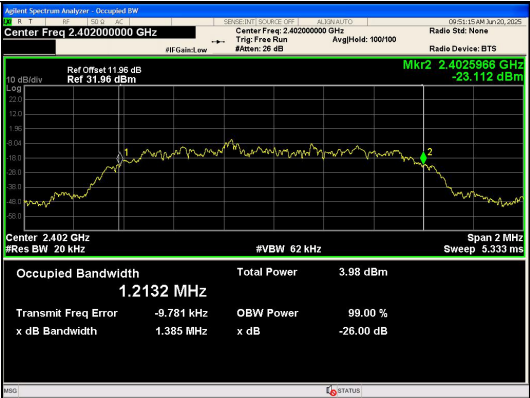


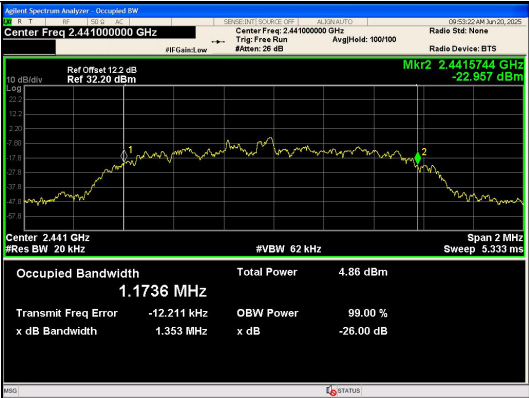
APPENDIX III. 99% Bandwidth**Test Result**

Modulation	Channel	Center Frequency (MHz)	99% BW (MHz)
GFSK	0	2402	0.87631
	39	2441	0.89047
	78	2480	0.89604
$\pi/4$ DQPSK	0	2402	1.1871
	39	2441	1.1832
	78	2480	1.1858
8DPSK	0	2402	1.2132
	39	2441	1.1736
	78	2480	1.1720

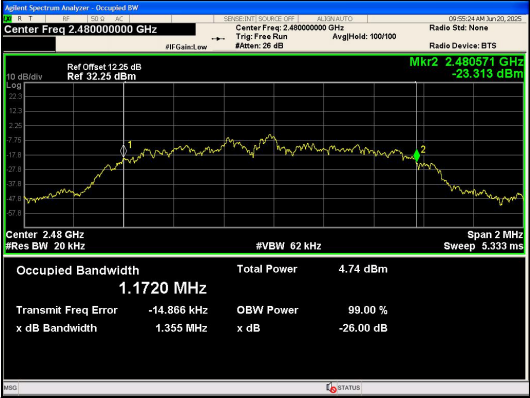
Test Graphs



8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 39



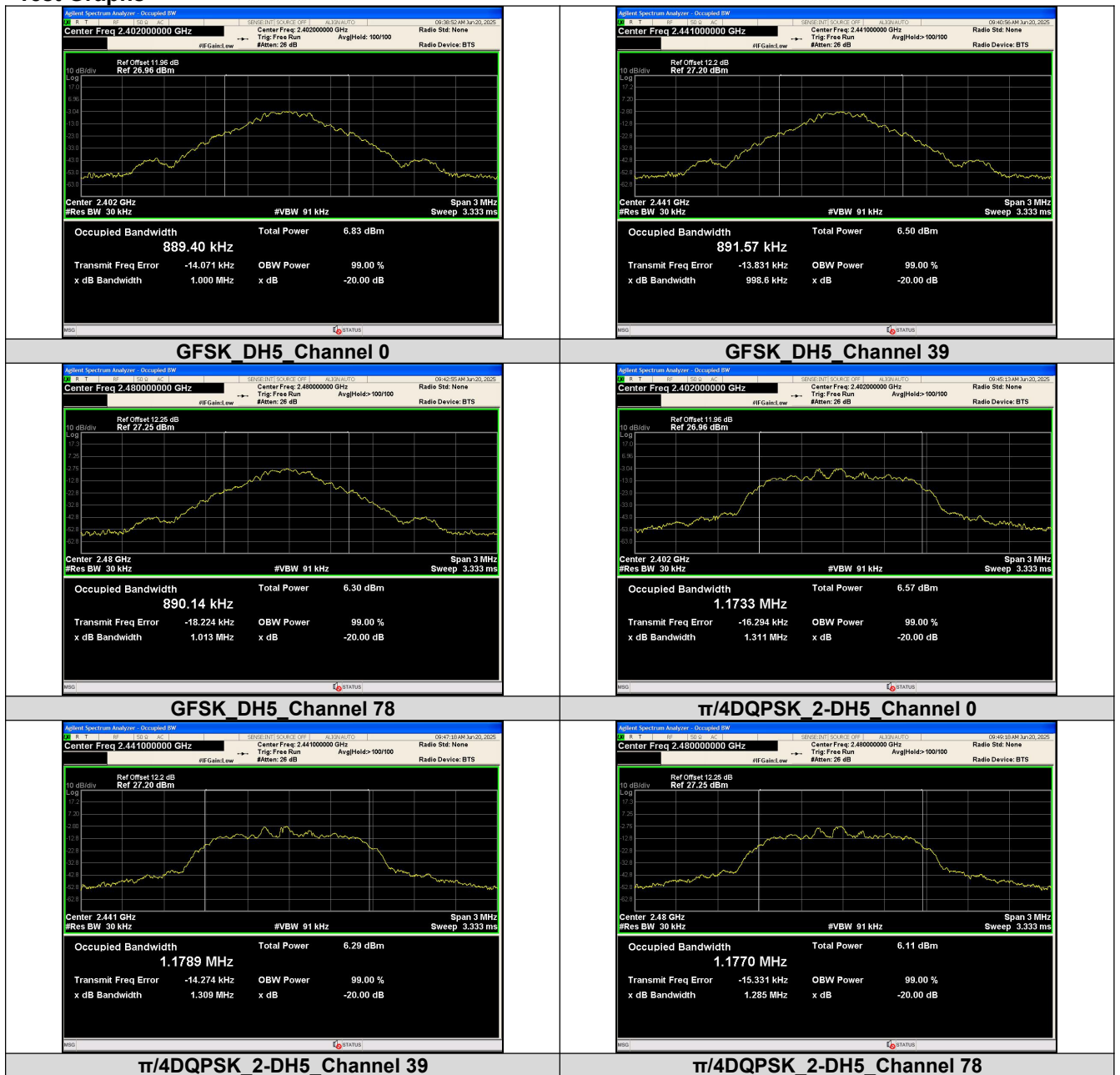
8DPSK_3-DH5_Channel 78

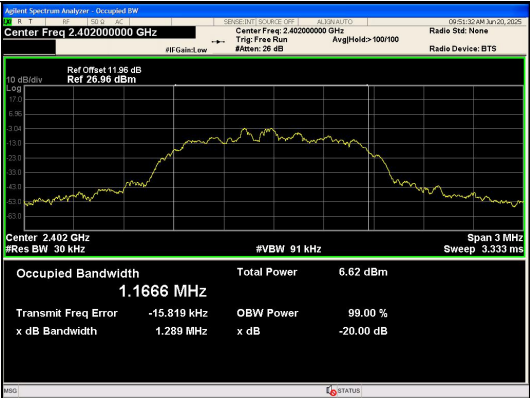
APPENDIX IV. 20dB Bandwidth

Test Result

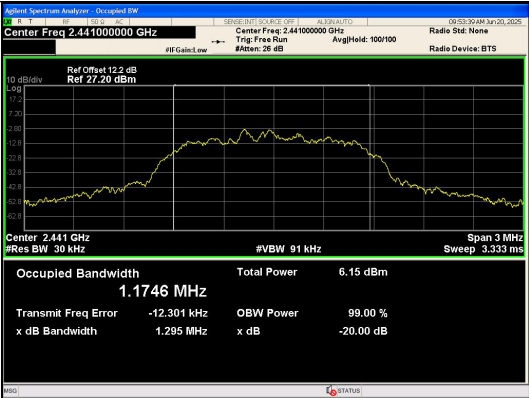
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	1.000
	39	2441 MHz	0.9986
	78	2480 MHz	1.013
$\pi/4$ DQPSK	0	2402 MHz	1.311
	39	2441 MHz	1.309
	78	2480 MHz	1.285
8DPSK	0	2402 MHz	1.289
	39	2441 MHz	1.295
	78	2480 MHz	1.287

Test Graphs

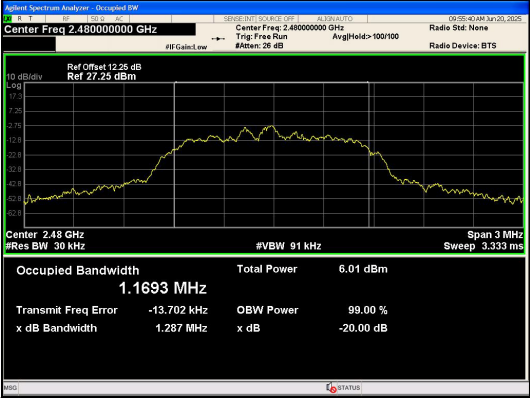




8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 39



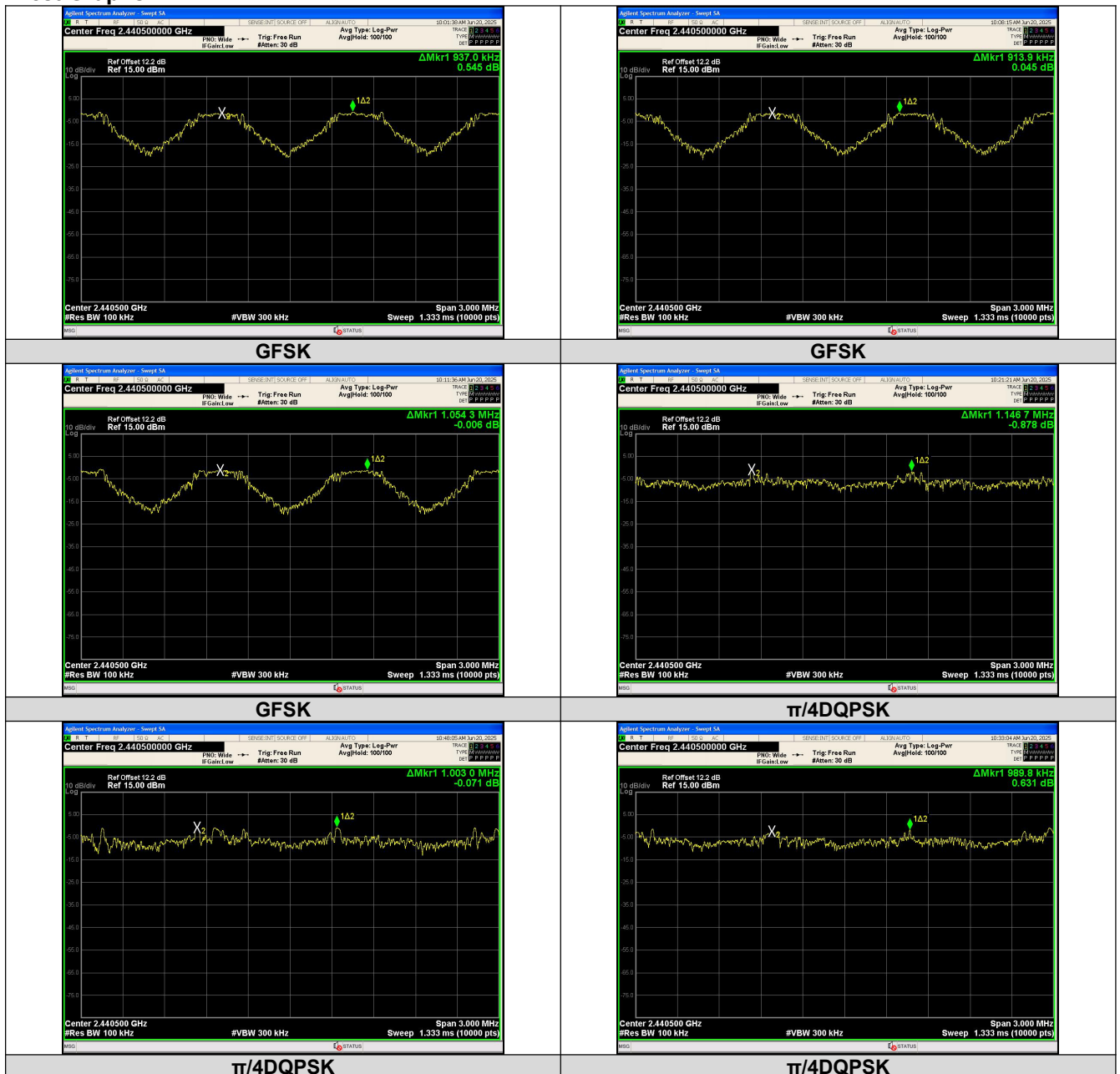
8DPSK_3-DH5_Channel 78

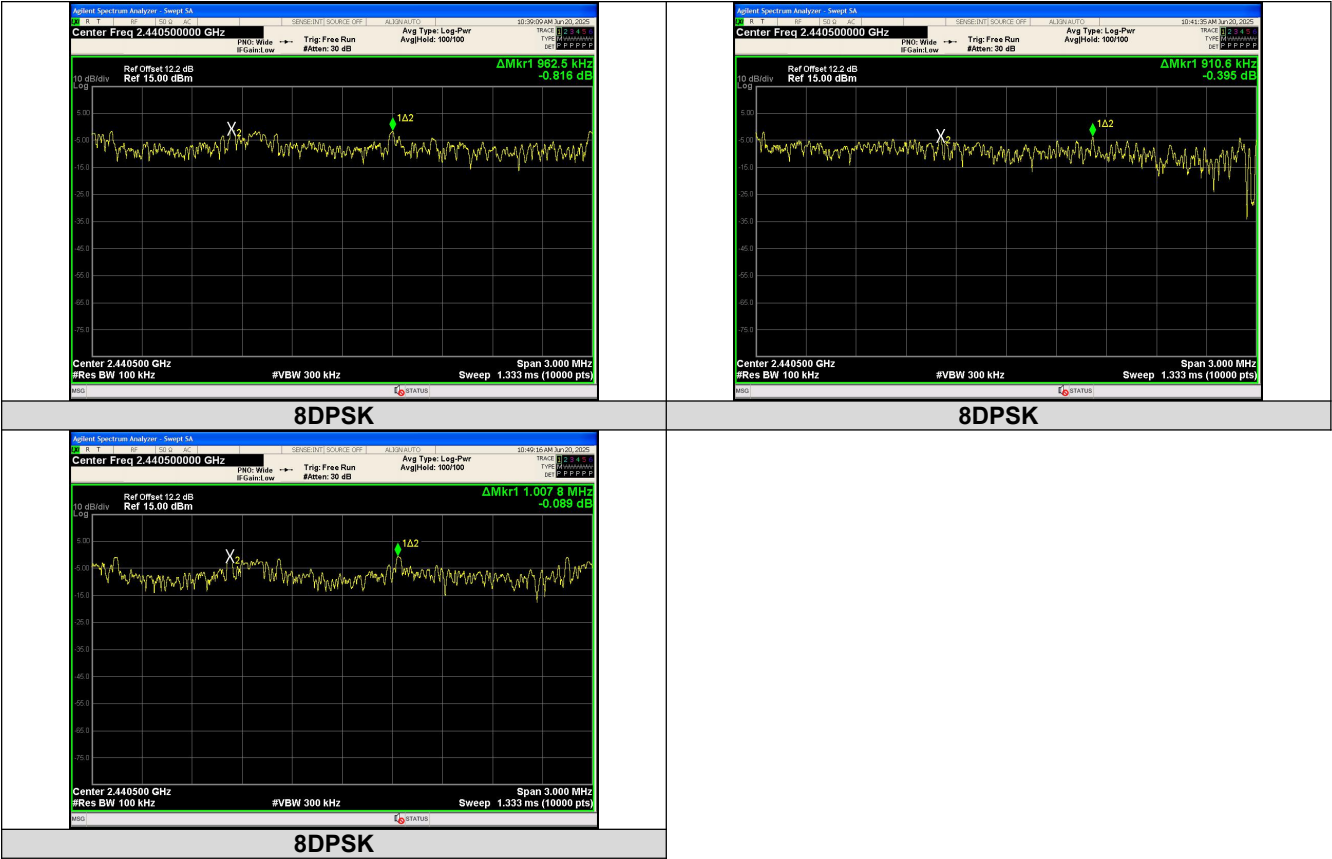
APPENDIX V. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.0117	2440.9487	0.9370	0.675	PASS
GFSK	DH5	2439.9796	2440.8935	0.9139	0.675	PASS
GFSK	DH5	2439.9976	2441.0519	1.0543	0.675	PASS
$\pi/4$ DQPSK	2-DH5	2439.8341	2440.9808	1.1467	0.874	PASS
$\pi/4$ DQPSK	2-DH5	2439.8317	2440.8347	1.0030	0.874	PASS
$\pi/4$ DQPSK	2-DH5	2439.9763	2440.9661	0.9898	0.874	PASS
8DPSK	3-DH5	2439.8374	2440.7999	0.9625	0.863	PASS
8DPSK	3-DH5	2440.1062	2441.0168	0.9106	0.863	PASS
8DPSK	3-DH5	2439.8257	2440.8335	1.0078	0.863	PASS

Test Graphs





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

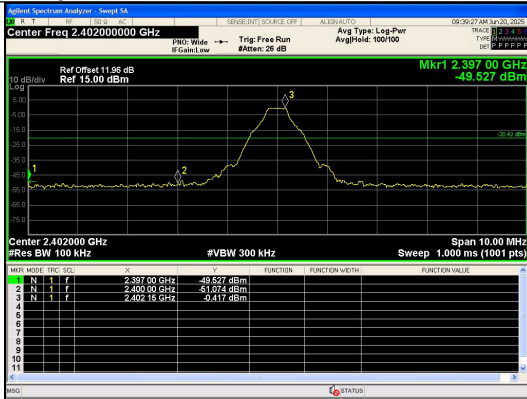
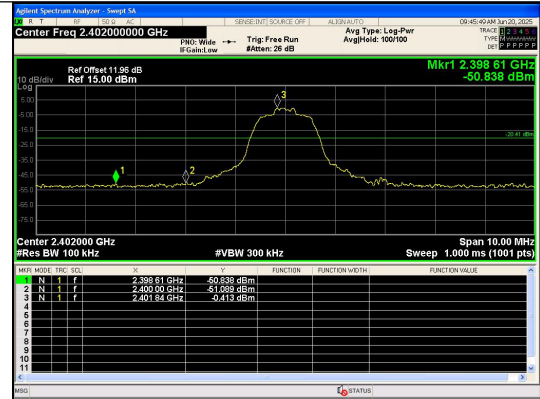
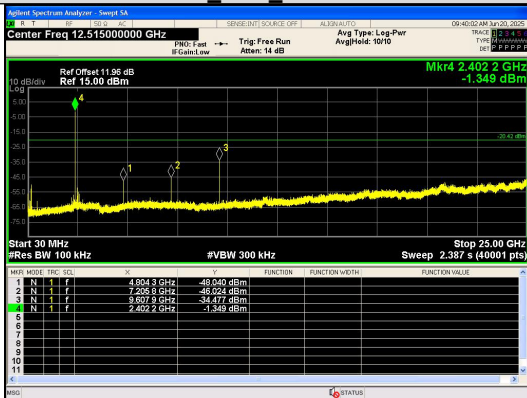
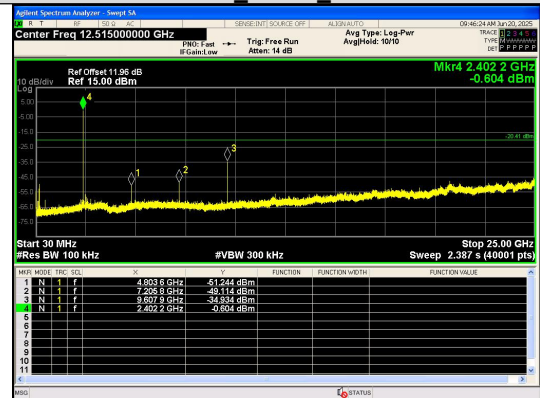
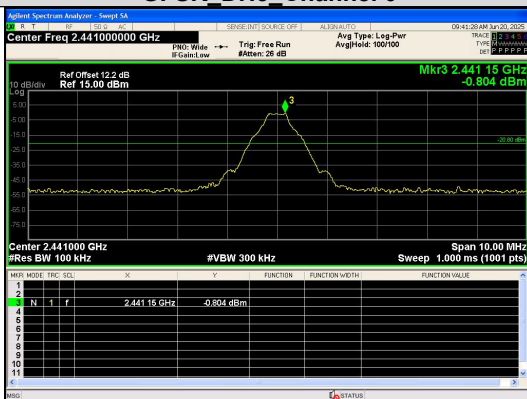
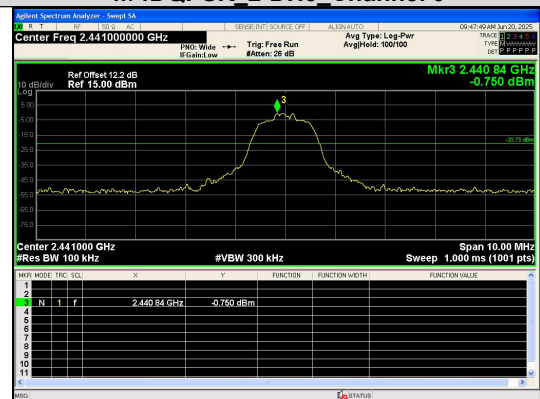
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2397.00	-49.527	-20.42	-29.107	PASS
			2400.00	-51.074	-20.42	-30.654	PASS
			4804.30	-48.040	-20.42	-27.620	PASS
			7205.80	-46.024	-20.42	-25.604	PASS
			9607.90	-34.477	-20.42	-14.057	PASS
		39	4882.30	-49.458	-20.8	-28.658	PASS
			7323.11	-46.842	-20.8	-26.042	PASS
			9763.93	-35.706	-20.8	-14.906	PASS
		78	2483.50	-51.834	-20.85	-30.984	PASS
			4960.33	-49.172	-20.85	-28.322	PASS
			7439.85	-44.381	-20.85	-23.531	PASS
			9919.99	-34.822	-20.85	-13.972	PASS
$\pi/4$ DQPSK	2-DH5	0	2398.61	-50.838	-20.41	-30.428	PASS
			2400.00	-51.089	-20.41	-30.679	PASS
			4803.60	-51.244	-20.41	-30.834	PASS
			7205.80	-49.114	-20.41	-28.704	PASS
			9607.90	-34.934	-20.41	-14.524	PASS
		39	4881.67	-46.464	-20.75	-25.714	PASS
			7322.49	-48.399	-20.75	-27.649	PASS
			9763.93	-35.171	-20.75	-14.421	PASS
		78	2483.50	-51.016	-21.08	-29.936	PASS
			4959.70	-51.116	-21.08	-30.036	PASS
			7439.85	-47.661	-21.08	-26.581	PASS
			9919.99	-34.949	-21.08	-13.869	PASS
8DPSK	3-DH5	0	2397.86	-49.672	-20.27	-29.402	PASS
			2400.00	-50.713	-20.27	-30.443	PASS
			4803.60	-51.744	-20.27	-31.474	PASS
			7205.80	-50.890	-20.27	-30.620	PASS
			9607.90	-34.924	-20.27	-14.654	PASS
		39	4881.67	-52.338	-20.58	-31.758	PASS
			7323.11	-50.707	-20.58	-30.127	PASS
			9763.93	-35.831	-20.58	-15.251	PASS
		78	2483.50	-51.996	-20.6	-31.396	PASS
			4959.70	-54.951	-20.6	-34.351	PASS
			7439.85	-51.943	-20.6	-31.343	PASS
			9919.99	-35.285	-20.6	-14.685	PASS

Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.27	-49.320	-20.15	-29.170	PASS
			2400.00	-51.412	-20.15	-31.262	PASS
			2483.50	-50.444	-21.09	-29.354	PASS
			2397.55	-49.669	-20.39	-29.279	PASS
			2400.00	-50.191	-20.39	-29.801	PASS
			2483.50	-51.267	-21.3	-29.967	PASS
			2397.33	-49.116	-20.16	-28.956	PASS
			2400.00	-50.848	-20.16	-30.688	PASS
2483.50	-50.336		-20.95	-29.386	PASS		
π/4DQPSK	2-DH5		2398.89	-49.362	-20.51	-28.852	PASS
			2400.00	-52.594	-20.51	-32.084	PASS
			2483.50	-51.006	-21.1	-29.906	PASS
			2395.21	-49.388	-20.46	-28.928	PASS
			2400.00	-49.892	-20.46	-29.432	PASS
			2483.50	-51.420	-21.13	-30.290	PASS
			2398.03	-49.723	-20.19	-29.533	PASS
			2400.00	-51.820	-20.19	-31.630	PASS
			2483.50	-50.675	-21.06	-29.615	PASS

8DPSK	3-DH5		2397.86	-50.127	-20.03	-30.097	PASS
			2400.00	-51.783	-20.03	-31.753	PASS
			2483.50	-51.654	-20.94	-30.714	PASS
			2395.79	-49.752	-20.59	-29.162	PASS
			2400.00	-52.617	-20.59	-32.027	PASS
			2483.50	-51.081	-20.9	-30.181	PASS
			2398.00	-50.611	-20.34	-30.271	PASS
			2400.00	-52.574	-20.34	-32.234	PASS
			2483.50	-50.584	-20.87	-29.714	PASS

Test Graphs

Out Of Band Emission
GFSK_DH5_Channel 0Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 030.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 030.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 0Out Of Band Emission
GFSK_DH5_Channel 39Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39