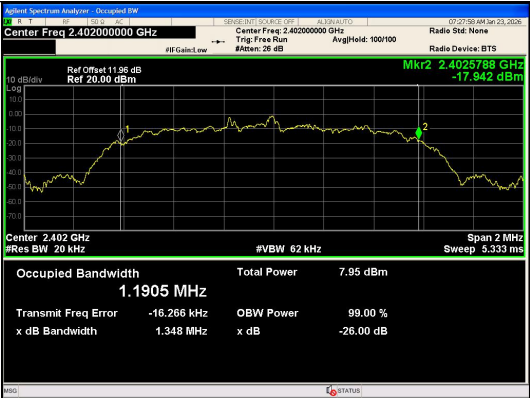
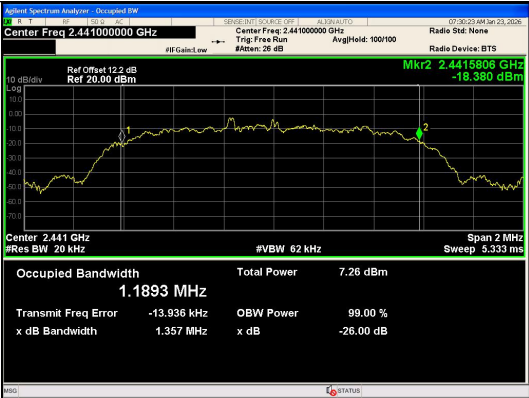
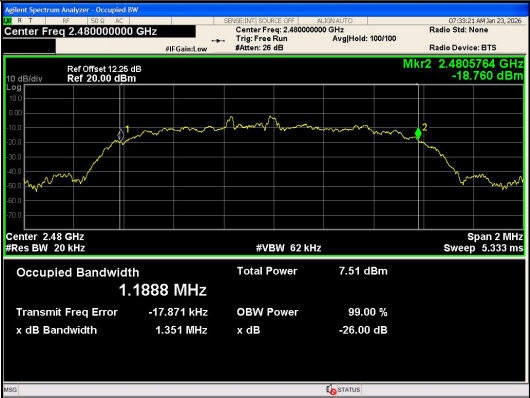




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



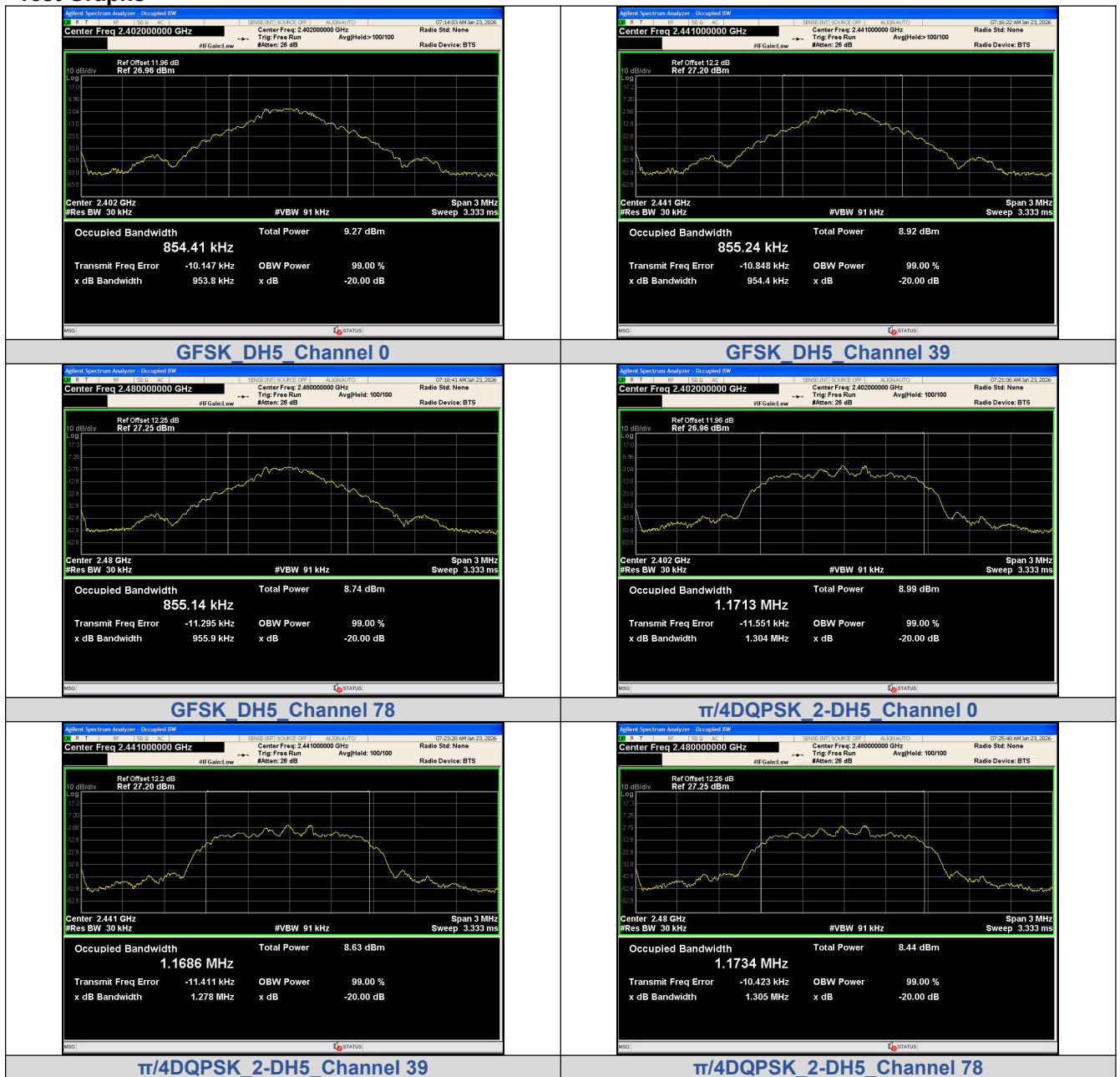
8DPSK 3-DH5 Channel 78

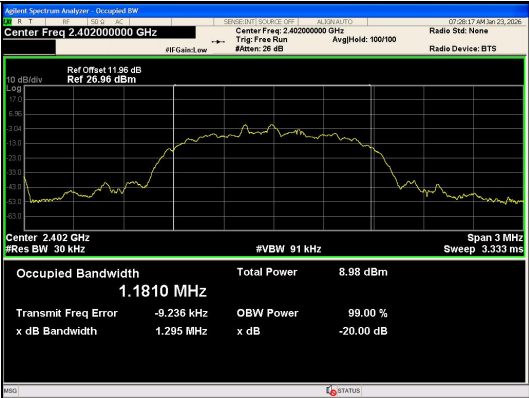
APPENDIX III. 20dB Bandwidth

Test Result

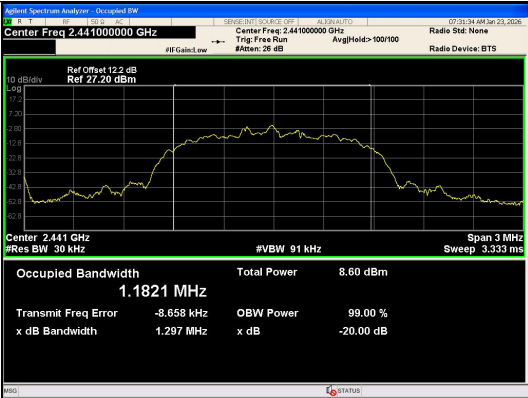
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9538
	39	2441 MHz	0.9544
	78	2480 MHz	0.9559
$\pi/4$ DQPSK	0	2402 MHz	1.304
	39	2441 MHz	1.278
	78	2480 MHz	1.305
8DPSK	0	2402 MHz	1.295
	39	2441 MHz	1.297
	78	2480 MHz	1.295

Test Graphs

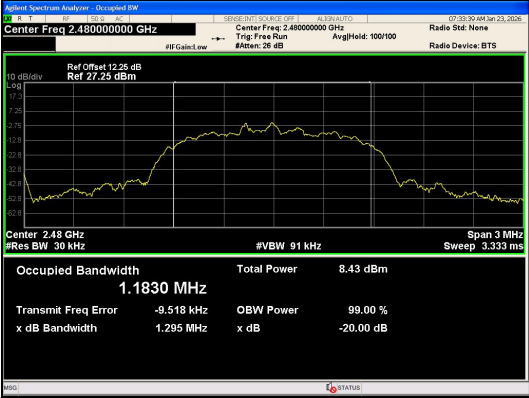




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



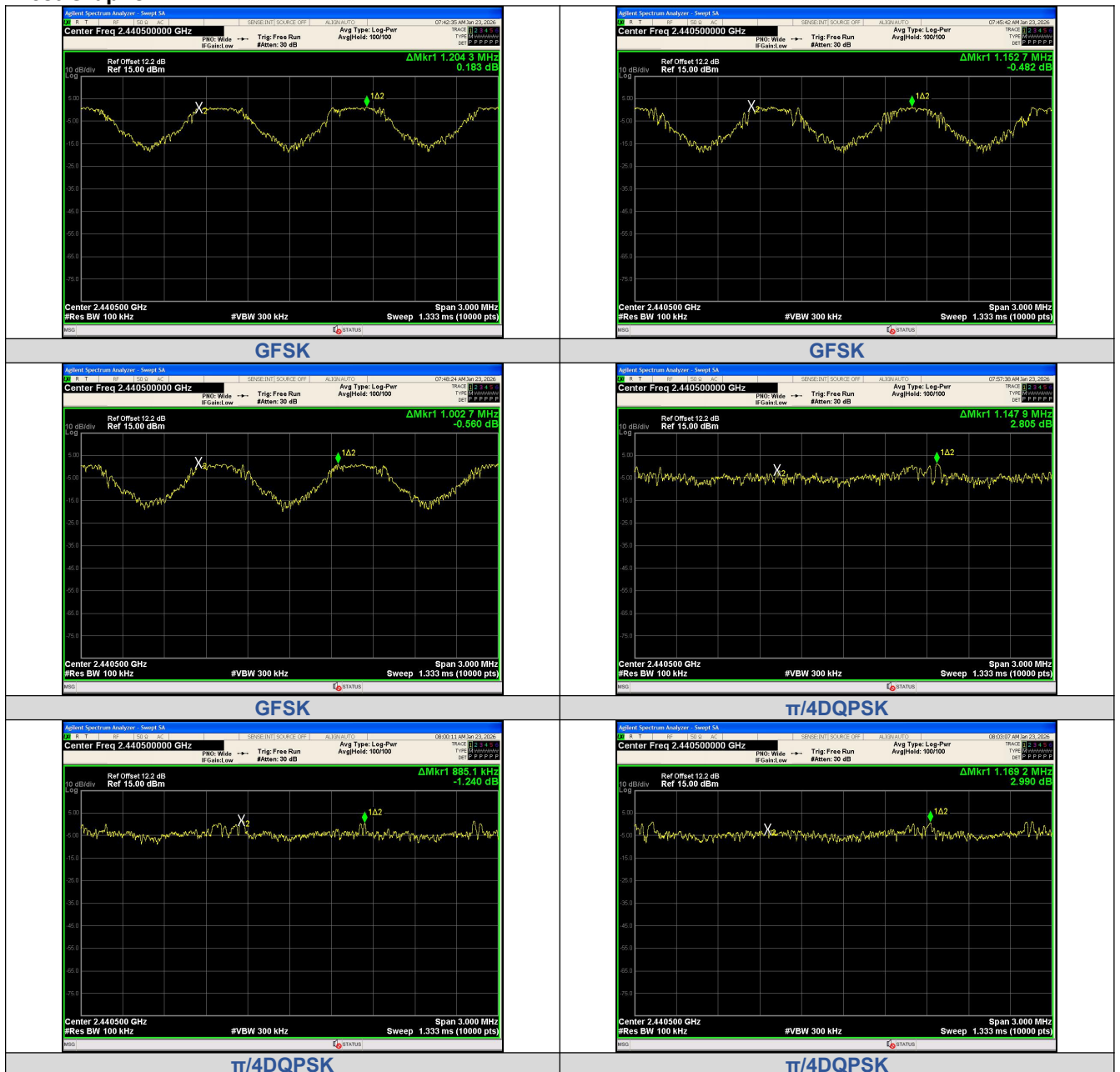
8DPSK 3-DH5 Channel 78

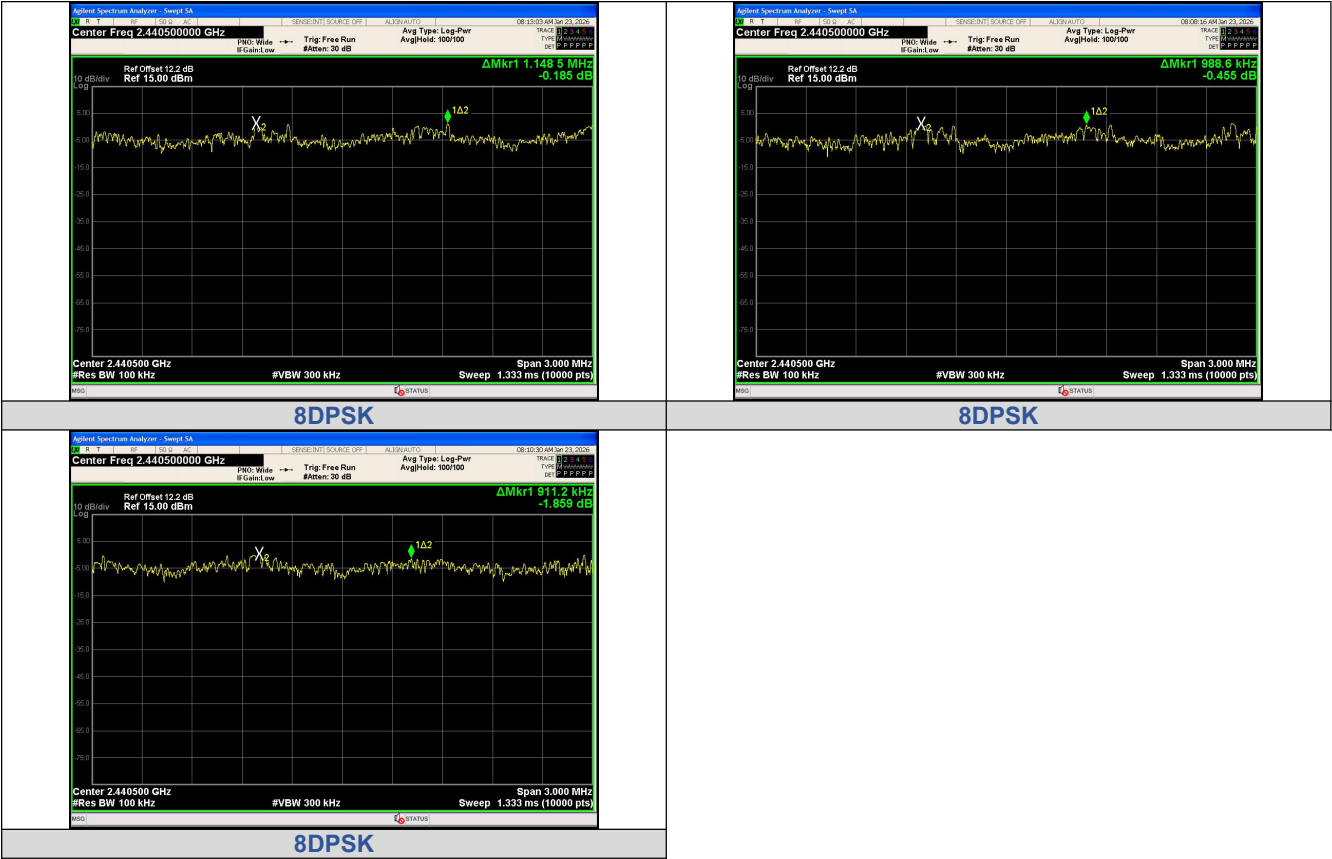
APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.8479	2441.0522	1.2043	0.637	PASS
GFSK	DH5	2439.8401	2440.9928	1.1527	0.637	PASS
GFSK	DH5	2439.8449	2440.8476	1.0027	0.637	PASS
$\pi/4$ DQPSK	2-DH5	2440.0228	2441.1707	1.1479	0.87	PASS
$\pi/4$ DQPSK	2-DH5	2440.1533	2441.0384	0.8851	0.87	PASS
$\pi/4$ DQPSK	2-DH5	2439.9547	2441.1239	1.1692	0.87	PASS
8DPSK	3-DH5	2439.9829	2441.1314	1.1485	0.865	PASS
8DPSK	3-DH5	2439.9904	2440.979	0.9886	0.865	PASS
8DPSK	3-DH5	2440.0021	2440.9133	0.9112	0.865	PASS

Test Graphs





APPENDIX V. Conducted Spurious & Band Edge 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	2399.00	-42.045	-17.91	-24.135	PASS
			2400.00	-47.364	-17.91	-29.454	PASS
			4803.60	-50.297	-17.91	-32.387	PASS
			7206.40	-61.910	-17.91	-44.001	PASS
			9608.50	-64.788	-17.91	-46.878	PASS
			24908.2	-46.782	-17.91	-28.872	PASS
		39	908.94	-44.639	-18.22	-26.419	PASS
			4881.67	-47.367	-18.22	-29.147	PASS
			7322.49	-63.112	-18.22	-44.892	PASS
		78	9763.93	-62.467	-18.22	-44.247	PASS
			2483.50	-42.484	-18.31	-24.174	PASS
			4957.21	-46.586	-18.31	-28.276	PASS
			4959.70	-47.129	-18.31	-28.819	PASS
			7439.22	-63.591	-18.31	-45.281	PASS
			9919.99	-63.287	-18.31	-44.977	PASS
$\pi/4$ DQPSK	2-DH5	0	2399.00	-43.783	-17.82	-25.963	PASS
			2400.00	-50.280	-17.82	-32.460	PASS
			4803.60	-54.460	-17.82	-36.640	PASS
			7205.10	-63.688	-17.82	-45.868	PASS
			9608.50	-63.199	-17.82	-45.379	PASS
			24965.7	-46.488	-17.82	-28.668	PASS
		39	4882.30	-51.479	-18.27	-33.209	PASS
			7323.11	-62.213	-18.27	-43.943	PASS
			9763.93	-62.984	-18.27	-44.714	PASS
		78	24958.2	-46.812	-18.27	-28.543	PASS
			2483.50	-43.329	-18.47	-24.859	PASS
			4960.33	-53.464	-18.47	-34.994	PASS
			7439.85	-64.572	-18.47	-46.102	PASS
			9919.99	-63.114	-18.47	-44.644	PASS
			24985.0	-46.542	-18.47	-28.072	PASS
8DPSK	3-DH5	0	2399.00	-42.654	-17.87	-24.784	PASS
			2400.00	-48.925	-17.87	-31.055	PASS
			4804.30	-52.859	-17.87	-34.989	PASS
			7205.80	-61.789	-17.87	-43.919	PASS
			9607.90	-65.084	-17.87	-47.214	PASS
			24938.2	-46.963	-17.87	-29.093	PASS
		39	4882.30	-50.724	-18.19	-32.534	PASS
			7323.74	-61.094	-18.19	-42.904	PASS
			9763.93	-63.918	-18.19	-45.728	PASS
		78	24995.0	-46.192	-18.19	-28.002	PASS
			2483.50	-44.395	-18.98	-25.415	PASS
			4959.70	-49.662	-18.98	-30.682	PASS
			7439.85	-63.258	-18.98	-44.278	PASS
			9919.99	-61.608	-18.98	-42.628	PASS
			24910.1	-45.274	-18.98	-26.294	PASS

Note: input compensation coefficient (dB)= Cable Loss (dB)

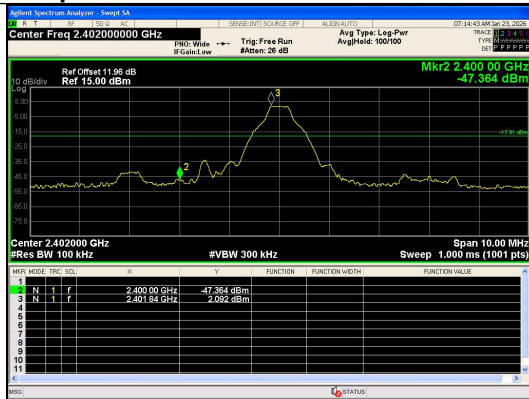
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.97	-42.299	-17.83	-24.469	PASS
			2400.00	-43.566	-17.83	-25.736	PASS
			2483.50	-44.740	-18.59	-26.150	PASS
			2398.97	-43.275	-17.83	-25.445	PASS
			2400.00	-43.354	-17.83	-25.524	PASS
			2483.50	-45.492	-18.62	-26.872	PASS
			2400.00	-44.119	-18.05	-26.069	PASS
			2483.50	-45.260	-18.52	-26.740	PASS

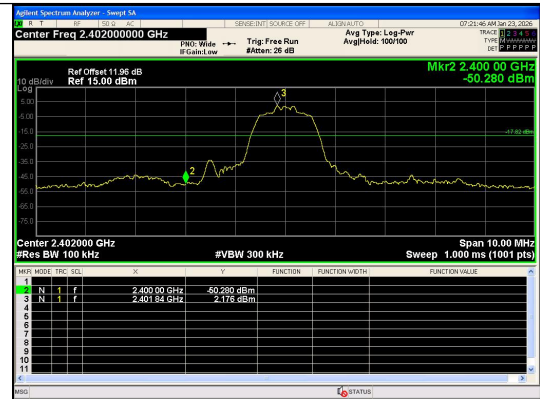
$\pi/4$ DQPSK	2-DH5		2398.83	-43.239	-17.85	-25.389	PASS
			2400.00	-46.303	-17.85	-28.453	PASS
			2483.50	-45.216	-18.98	-26.236	PASS
			2400.00	-43.947	-17.9	-26.047	PASS
			2483.50	-46.238	-18.49	-27.748	PASS
			2400.00	-45.008	-18.11	-26.898	PASS
8DPSK	3-DH5		2483.50	-48.987	-19.58	-29.407	PASS
			2400.00	-44.613	-17.85	-26.763	PASS
			2483.50	-47.793	-18.39	-29.403	PASS
			2398.99	-44.497	-19.28	-25.217	PASS
			2400.00	-46.853	-19.28	-27.573	PASS
			2483.50	-50.662	-20.1	-30.562	PASS
			2400.00	-44.224	-19.26	-24.964	PASS
			2483.50	-43.804	-18.44	-25.364	PASS

Note: input compensation coefficient (dB)= Cable Loss (dB)

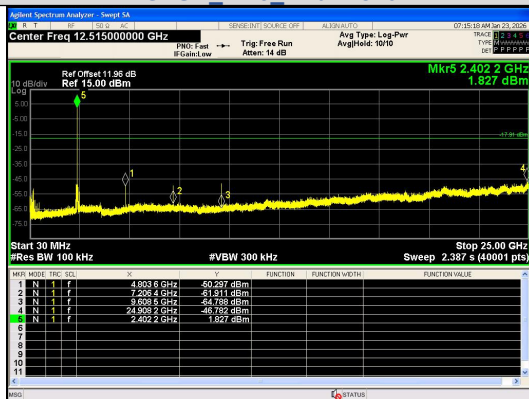
Test Graphs



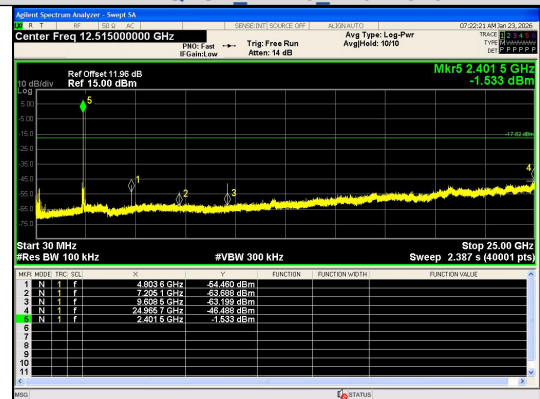
Out Of Band Emission
GFSK_DH5_Channel 0



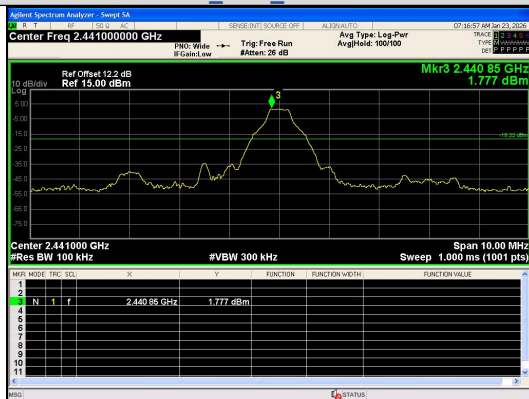
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0



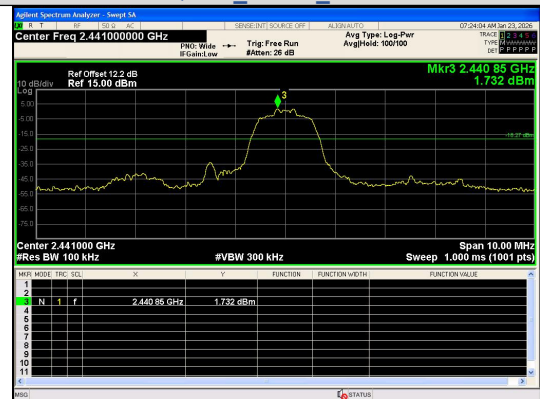
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 0



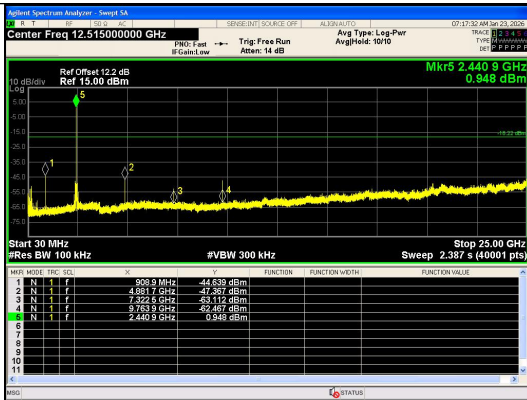
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 0



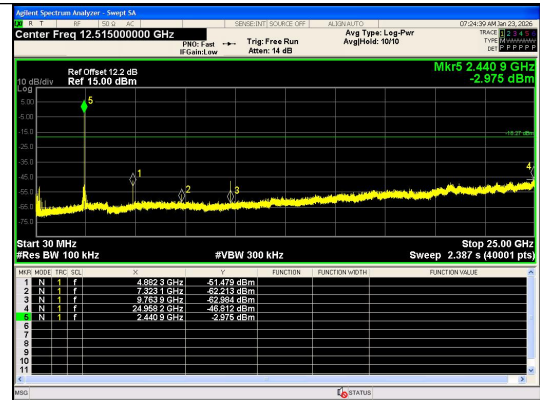
Out Of Band Emission
GFSK_DH5_Channel 39



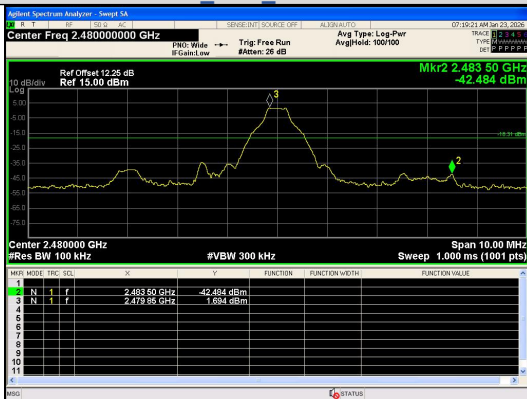
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39



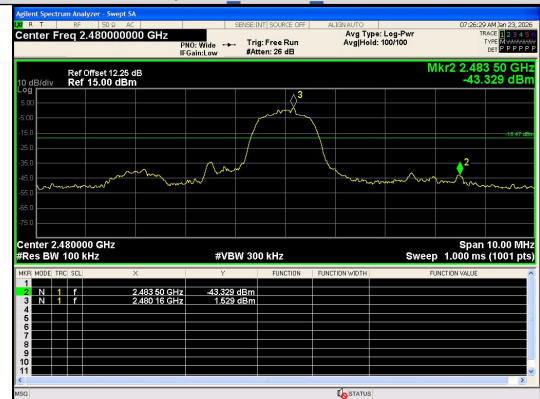
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



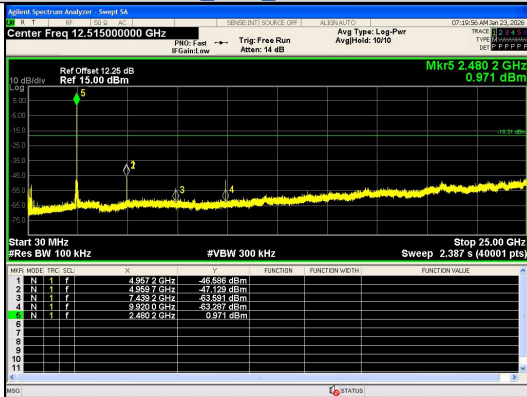
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39



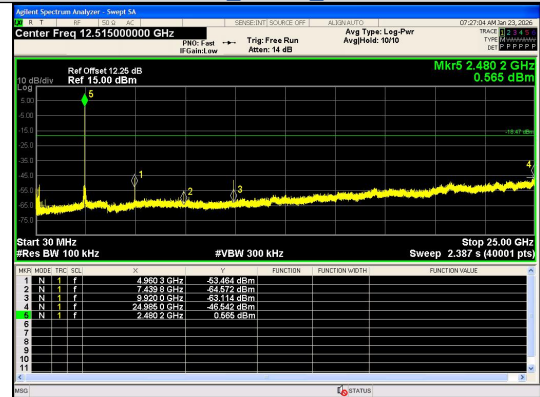
Out Of Band Emission
GFSK_DH5_Channel 78



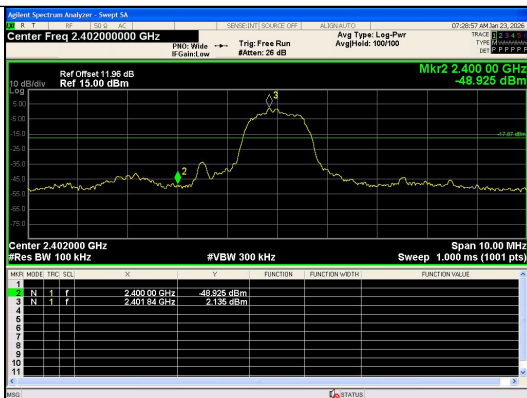
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



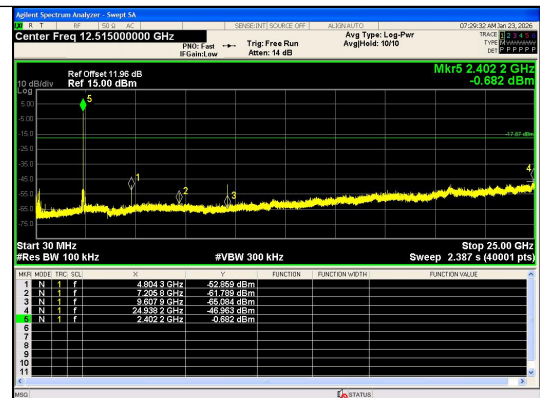
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78



Out Of Band Emission
8DPSK_3-DH5_Channel 0



30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0