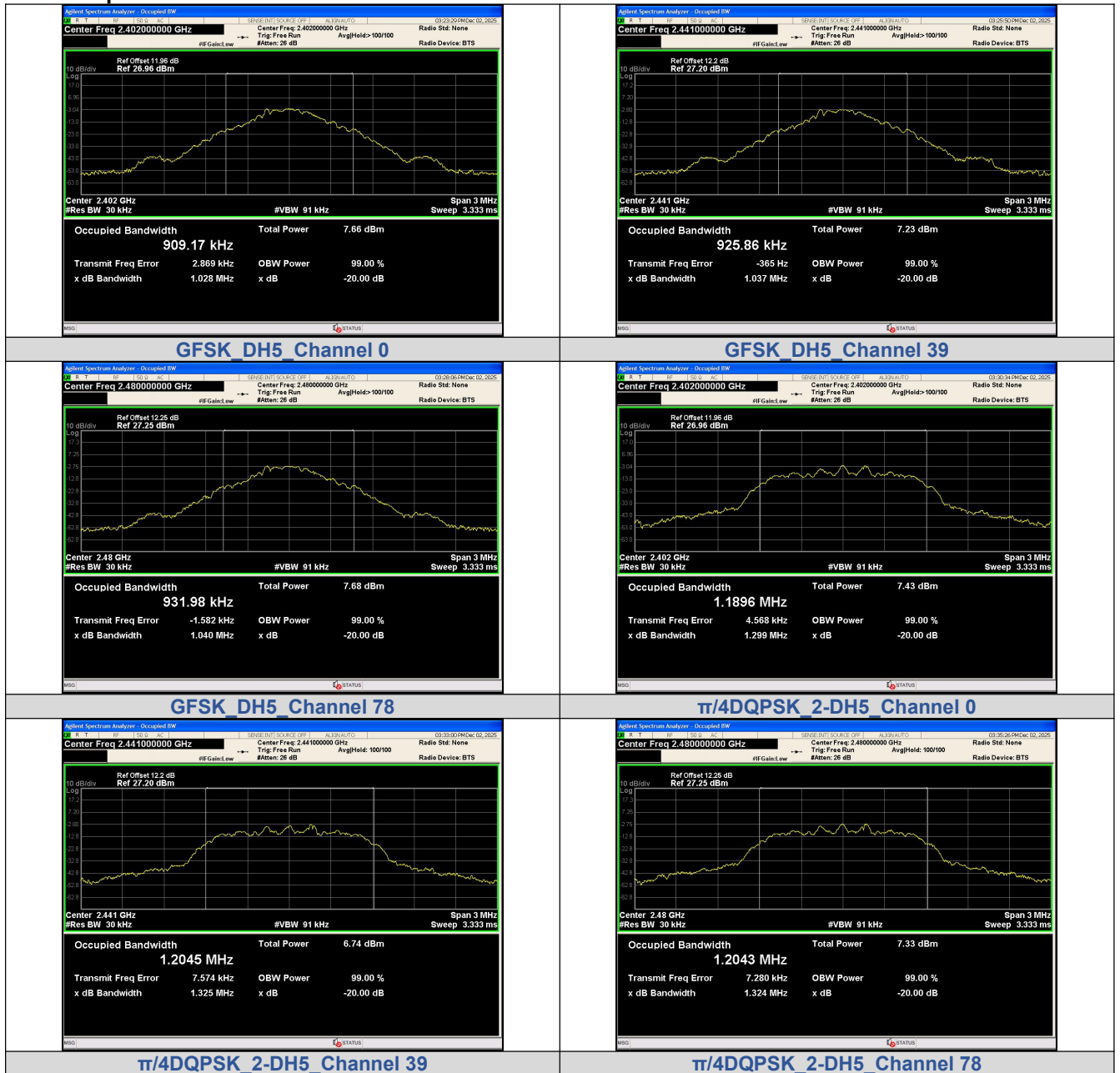


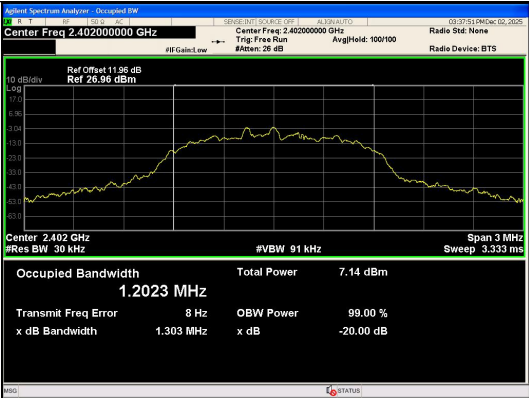
APPENDIX III. 20dB Bandwidth

Test Result

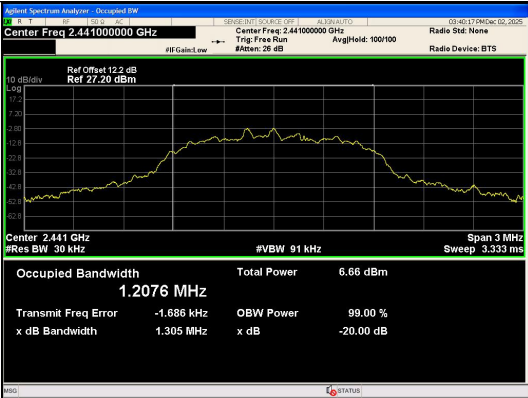
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	1.028
	39	2441 MHz	1.037
	78	2480 MHz	1.040
$\pi/4$ DQPSK	0	2402 MHz	1.299
	39	2441 MHz	1.325
	78	2480 MHz	1.324
8DPSK	0	2402 MHz	1.303
	39	2441 MHz	1.305
	78	2480 MHz	1.299

Test Graphs

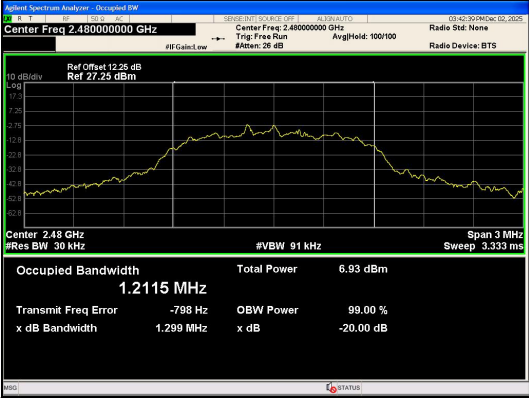




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



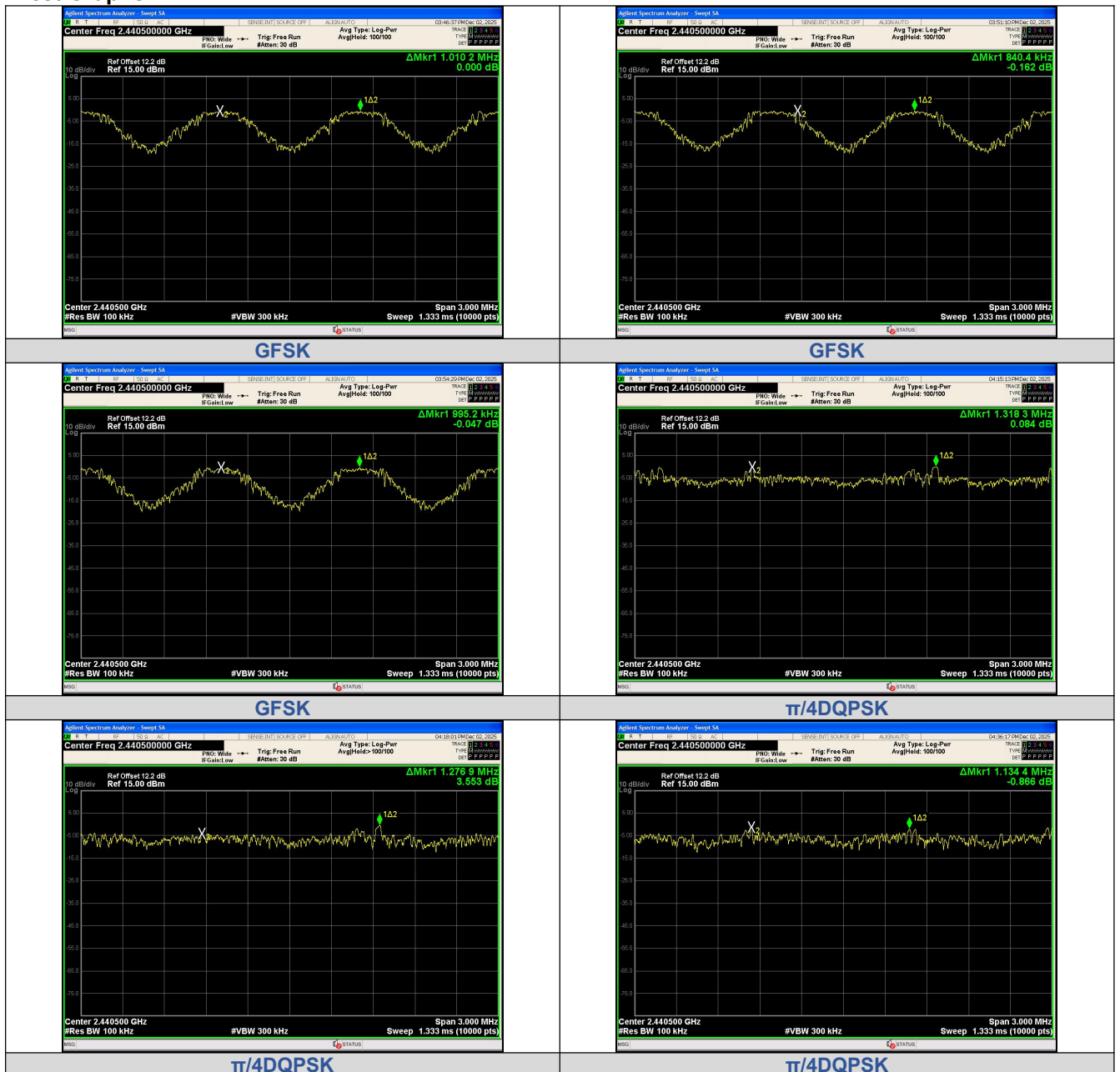
8DPSK 3-DH5 Channel 78

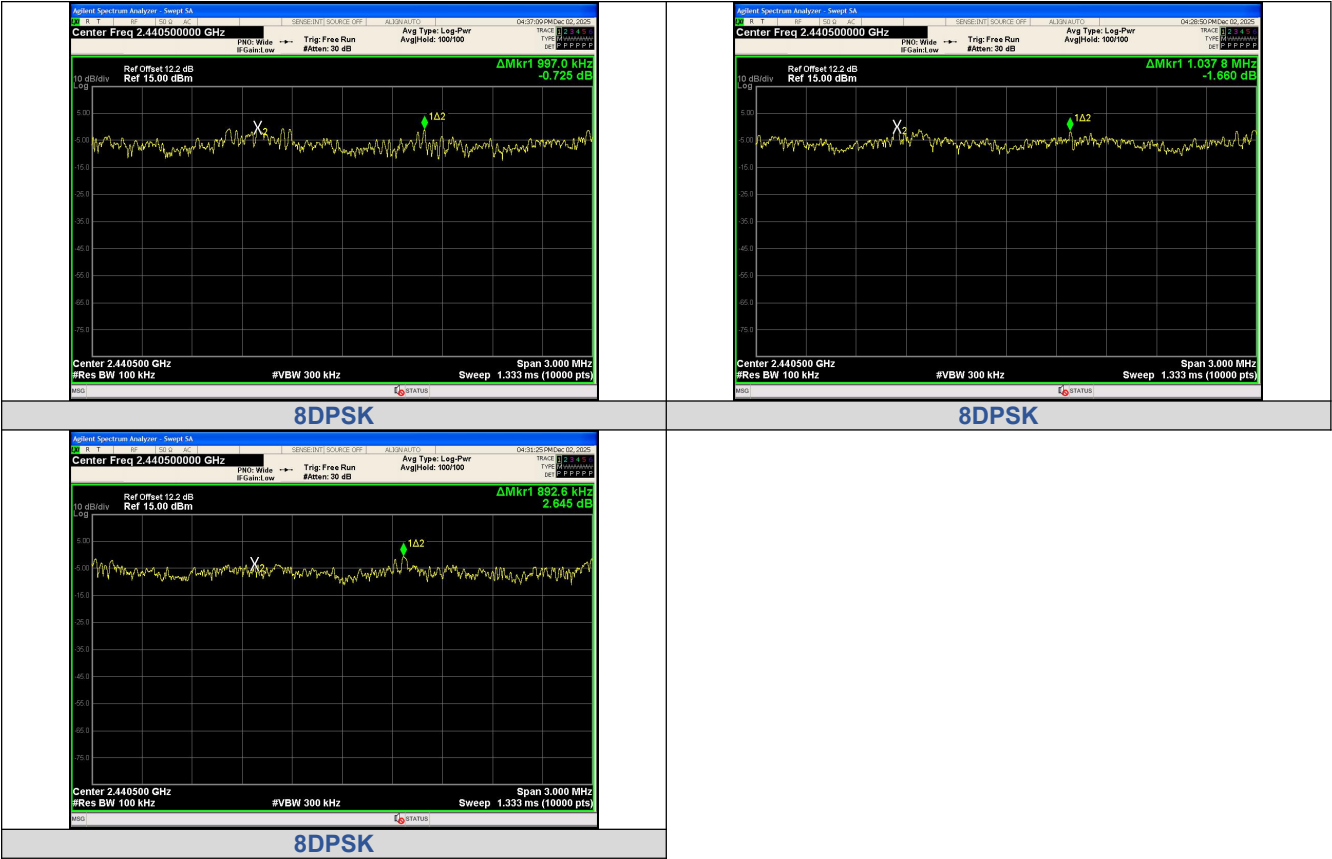
APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.9979	2441.0081	1.0102	0.693	PASS
GFSK	DH5	2440.171	2441.0114	0.8404	0.693	PASS
GFSK	DH5	2440.0072	2441.0024	0.9952	0.693	PASS
$\pi/4$ DQPSK	2-DH5	2439.8464	2441.1647	1.3183	0.883	PASS
$\pi/4$ DQPSK	2-DH5	2439.8701	2441.147	1.2769	0.883	PASS
$\pi/4$ DQPSK	2-DH5	2439.8392	2440.9736	1.1344	0.883	PASS
8DPSK	3-DH5	2439.9934	2440.9904	0.9970	0.87	PASS
8DPSK	3-DH5	2439.844	2440.8818	1.0378	0.87	PASS
8DPSK	3-DH5	2439.9736	2440.8662	0.8926	0.87	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	2400.00	-49.366	-19.68	-29.686	PASS
			4803.64	-55.618	-19.68	-35.938	PASS
			7205.75	-52.861	-19.68	-33.181	PASS
			9607.87	-46.631	-19.68	-26.951	PASS
		39	4882.30	-52.940	-20.18	-32.760	PASS
			7323.11	-51.274	-20.18	-31.094	PASS
			9763.93	-45.144	-20.18	-24.964	PASS
			2483.50	-50.730	-19.68	-31.050	PASS
		78	4959.70	-51.284	-19.68	-31.604	PASS
			7439.85	-51.633	-19.68	-31.953	PASS
			9919.99	-46.448	-19.68	-26.768	PASS
			24941.9	-46.030	-19.68	-26.350	PASS
$\pi/4$ DQPSK	2-DH5	0	2397.20	-50.064	-19.65	-30.414	PASS
			2400.00	-50.267	-19.65	-30.617	PASS
			4804.30	-57.035	-19.65	-37.385	PASS
			7205.80	-53.700	-19.65	-34.050	PASS
			9607.90	-46.285	-19.65	-26.635	PASS
			24966.3	-45.640	-19.65	-25.990	PASS
		39	4881.67	-52.975	-20.12	-32.855	PASS
			7323.11	-55.026	-20.12	-34.906	PASS
			9763.93	-44.992	-20.12	-24.872	PASS
			24960.0	-44.703	-20.12	-24.582	PASS
		78	2483.50	-51.280	-19.66	-31.620	PASS
			4960.33	-54.694	-19.66	-35.034	PASS
8DPSK	3-DH5	0	2400.00	-48.893	-19.68	-29.213	PASS
			4804.26	-57.060	-19.68	-37.380	PASS
			7206.38	-55.154	-19.68	-35.474	PASS
			9607.87	-46.708	-19.68	-27.028	PASS
		39	24887.6	-46.456	-19.68	-26.776	PASS
			4881.67	-53.769	-21.48	-32.289	PASS
			7323.11	-52.979	-21.48	-31.499	PASS
			9763.93	-45.635	-21.48	-24.155	PASS
		78	24951.9	-44.979	-21.48	-23.499	PASS
			2483.50	-51.365	-19.73	-31.635	PASS
			4959.70	-56.649	-19.73	-36.919	PASS
			7439.85	-54.632	-19.73	-34.902	PASS
			9919.99	-45.382	-19.73	-25.652	PASS

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

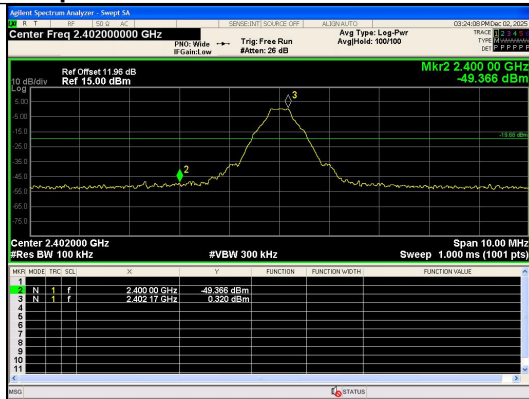
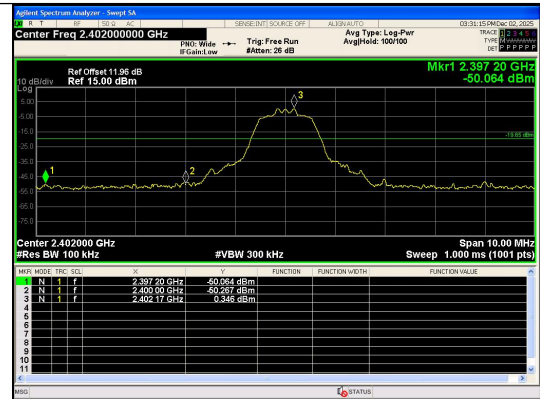
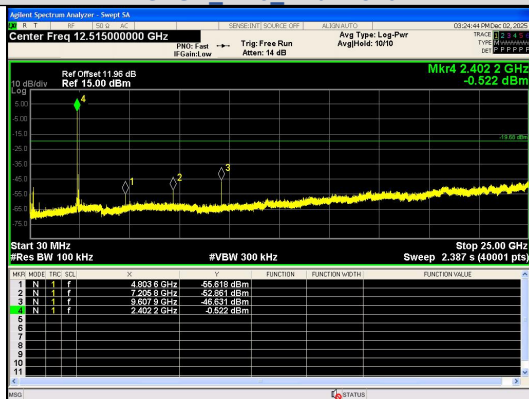
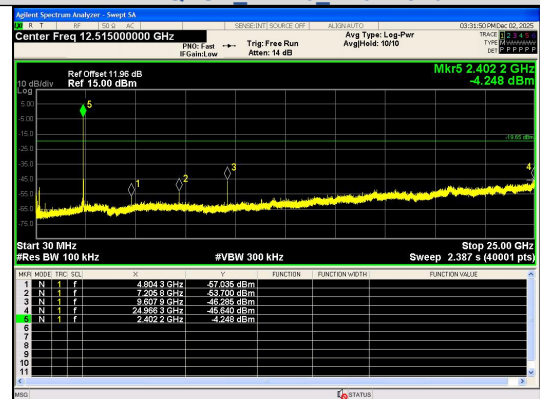
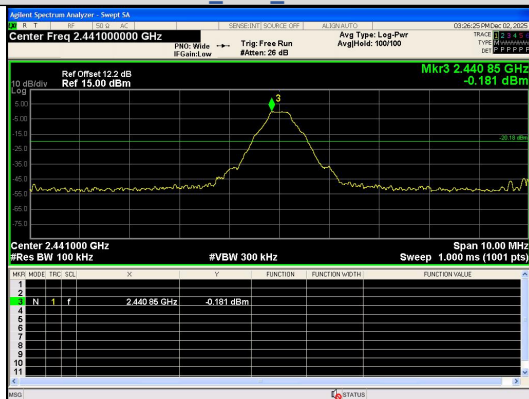
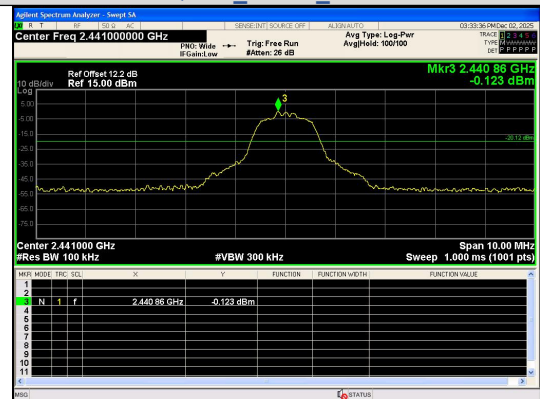
Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.54	-49.449	-19.69	-29.759	PASS
			2400.00	-51.125	-19.69	-31.435	PASS
			2483.50	-51.092	-19.82	-31.272	PASS
			2397.97	-49.317	-19.8	-29.517	PASS
			2400.00	-52.588	-19.8	-32.788	PASS
			2483.50	-51.655	-19.72	-31.935	PASS
			2396.89	-48.842	-19.6	-29.242	PASS
			2400.00	-50.319	-19.6	-30.719	PASS
2483.50	-50.724		-19.88	-30.844	PASS		
π/4DQPSK	2-DH5		2397.51	-48.965	-19.69	-29.275	PASS
			2400.00	-50.993	-19.69	-31.303	PASS
			2483.50	-50.933	-20.35	-30.583	PASS
			2396.31	-48.766	-20.19	-28.576	PASS

8DPSK	3-DH5	2400.00	-51.178	-20.19	-30.988	PASS
		2483.50	-50.855	-19.74	-31.115	PASS
		2396.28	-49.523	-19.65	-29.873	PASS
		2400.00	-51.494	-19.65	-31.844	PASS
		2483.50	-50.668	-20.56	-30.108	PASS
		2397.57	-49.596	-19.78	-29.816	PASS
		2400.00	-51.909	-19.78	-32.129	PASS
		2483.50	-49.493	-19.85	-29.643	PASS
		2397.30	-49.260	-19.65	-29.610	PASS
		2400.00	-51.262	-19.65	-31.612	PASS
		2483.50	-50.200	-20.62	-29.580	PASS
		2398.84	-48.515	-19.66	-28.855	PASS
		2400.00	-51.234	-19.66	-31.574	PASS
		2483.50	-50.395	-19.71	-30.685	PASS

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

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

