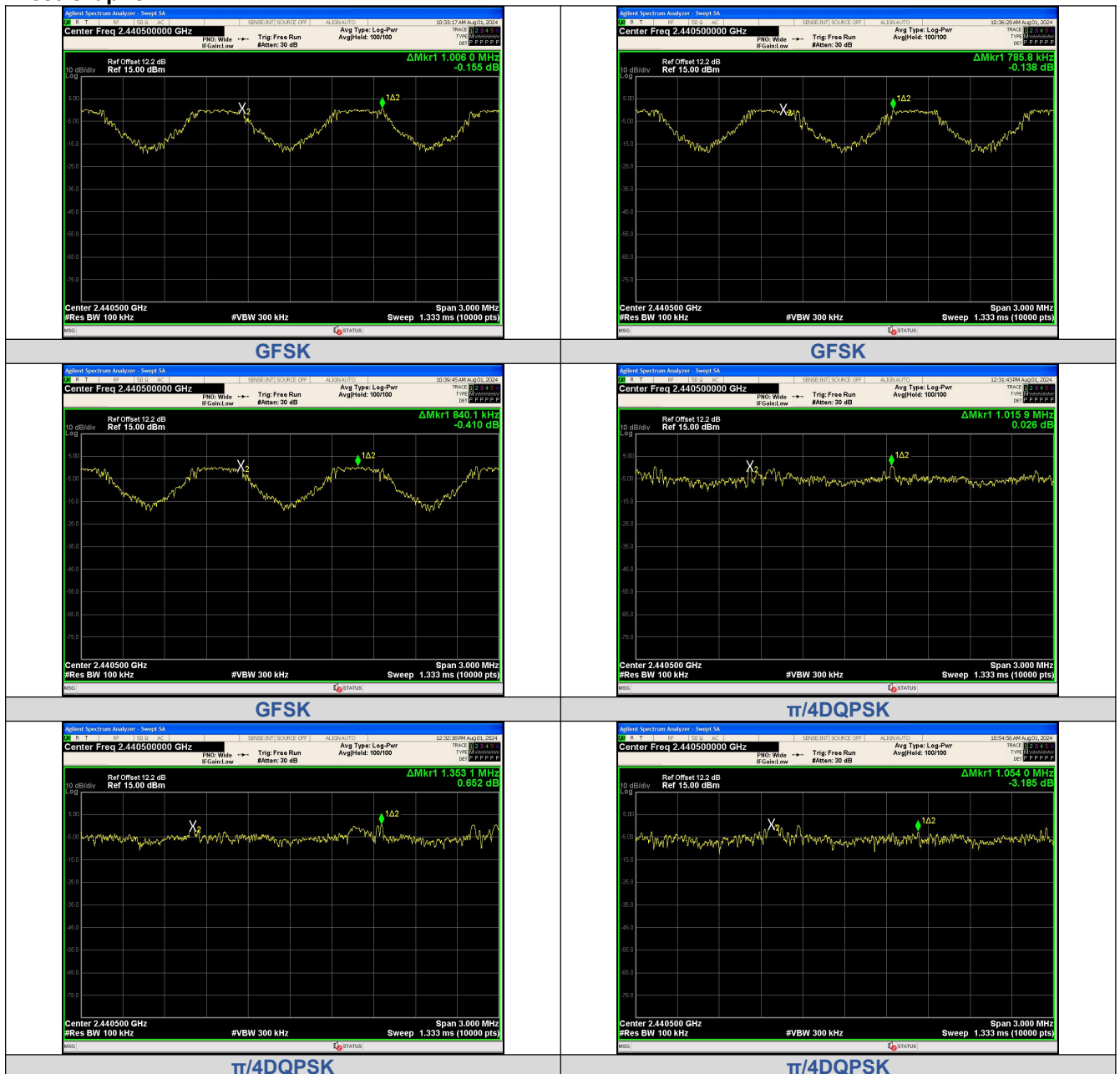


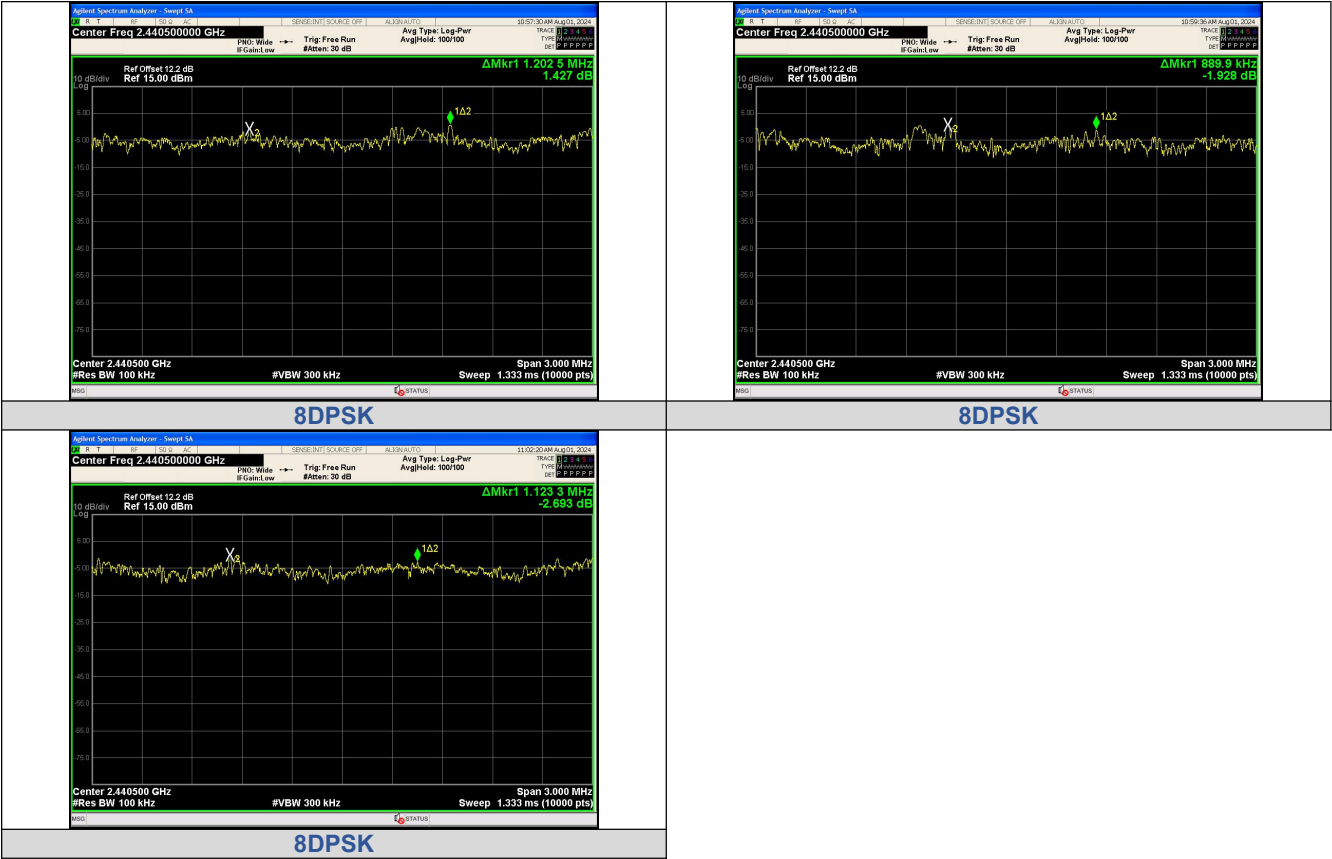
APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.1542	2441.1602	1.0060	0.639	PASS
GFSK	DH5	2440.0615	2440.8473	0.7858	0.635	PASS
GFSK	DH5	2440.1452	2440.9853	0.8401	0.637	PASS
$\pi/4$ DQPSK	2-DH5	2439.82	2440.8359	1.0159	0.852	PASS
$\pi/4$ DQPSK	2-DH5	2439.8017	2441.1548	1.3531	0.854	PASS
$\pi/4$ DQPSK	2-DH5	2439.973	2441.027	1.0540	0.869	PASS
8DPSK	3-DH5	2439.9436	2441.1461	1.2025	0.875	PASS
8DPSK	3-DH5	2440.1482	2441.0381	0.8899	0.865	PASS
8DPSK	3-DH5	2439.8266	2440.9499	1.1233	0.865	PASS

Test Graphs





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

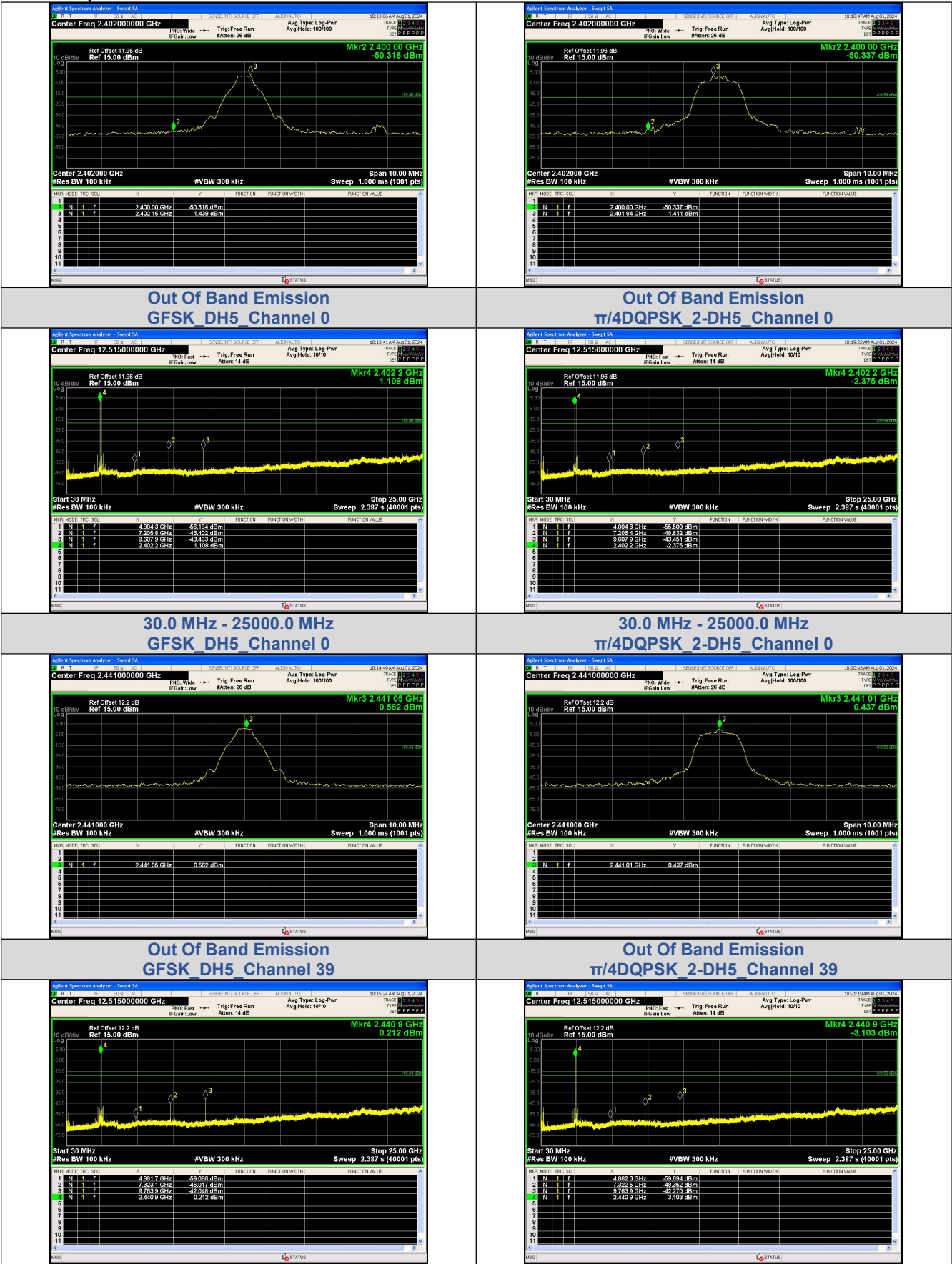
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-50.316	-18.56	-31.756	PASS
			4804.26	-56.184	-18.56	-37.624	PASS
			7205.75	-43.402	-18.56	-24.842	PASS
			9607.87	-43.483	-18.56	-24.923	PASS
		39	4881.67	-59.086	-19.44	-39.645	PASS
			7323.11	-46.017	-19.44	-26.577	PASS
			9763.93	-42.048	-19.44	-22.608	PASS
			2483.50	-51.739	-19.35	-32.389	PASS
		78	4959.70	-58.264	-19.35	-38.914	PASS
			7439.85	-46.814	-19.35	-27.464	PASS
			9919.99	-41.663	-19.35	-22.313	PASS
			2400.00	-50.337	-18.59	-31.747	PASS
$\pi/4$ DQPSK	2-DH5	0	4804.26	-55.500	-18.59	-36.910	PASS
			7206.38	-48.832	-18.59	-30.242	PASS
			9607.87	-43.451	-18.59	-24.861	PASS
			4882.30	-59.694	-19.56	-40.134	PASS
		39	7322.49	-48.352	-19.56	-28.792	PASS
			9763.93	-42.270	-19.56	-22.710	PASS
			2483.50	-50.869	-19.61	-31.259	PASS
			4959.70	-59.737	-19.61	-40.127	PASS
		78	7439.85	-49.672	-19.61	-30.062	PASS
			9919.99	-41.823	-19.61	-22.213	PASS
			2400.00	-46.496	-18.57	-27.926	PASS
			4804.26	-55.529	-18.57	-36.959	PASS
8DPSK	3-DH5	0	7205.75	-47.926	-18.57	-29.356	PASS
			9607.87	-43.512	-18.57	-24.942	PASS
			4882.30	-59.739	-19.23	-40.509	PASS
			7323.11	-46.583	-19.23	-27.353	PASS
		39	9763.93	-42.301	-19.23	-23.071	PASS
			2483.50	-50.691	-19.35	-31.341	PASS
			4959.70	-60.323	-19.35	-40.973	PASS
			7440.47	-49.604	-19.35	-30.254	PASS
		78	9919.99	-41.827	-19.35	-22.477	PASS

Hopping

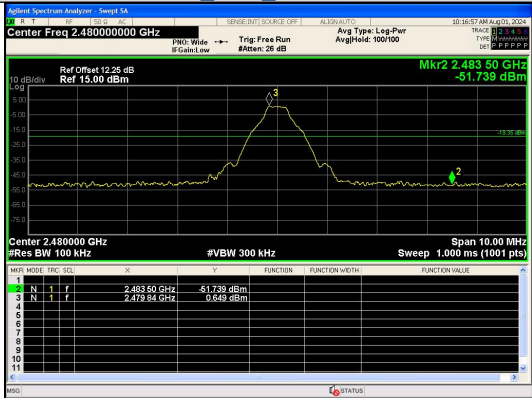
Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.97	-47.578	-18.64	-28.938	PASS
			2400.00	-50.623	-18.64	-31.983	PASS
			2483.50	-50.986	-19.52	-31.466	PASS
			2396.00	-48.412	-18.74	-29.672	PASS
			2400.00	-50.895	-18.74	-32.155	PASS
			2483.50	-51.264	-19.45	-31.814	PASS
			2396.14	-48.666	-18.76	-29.905	PASS
			2400.00	-50.895	-18.76	-32.135	PASS
2483.50	-51.634		-19.45	-32.184	PASS		
π/4DQPSK	2-DH5		2398.01	-49.613	-18.61	-31.003	PASS
			2400.00	-51.953	-18.61	-33.343	PASS
			2483.50	-51.507	-19.45	-32.057	PASS
			2395.83	-48.017	-18.56	-29.457	PASS
			2400.00	-51.074	-18.56	-32.514	PASS
			2483.50	-49.900	-19.33	-30.570	PASS
			2397.19	-49.789	-18.61	-31.179	PASS
			2400.00	-51.133	-18.61	-32.523	PASS
8DPSK	3-DH5		2483.50	-49.761	-19.38	-30.381	PASS
			2400.00	-47.227	-18.86	-28.367	PASS
		2483.50	-51.150	-20.46	-30.690	PASS	
		2396.68	-48.522	-18.57	-29.952	PASS	

			2400.00	-51.402	-18.57	-32.832	PASS
			2483.50	-50.841	-20.38	-30.461	PASS
			2397.34	-49.632	-18.85	-30.782	PASS
			2400.00	-51.476	-18.85	-32.626	PASS
			2483.50	-49.042	-19.29	-29.752	PASS

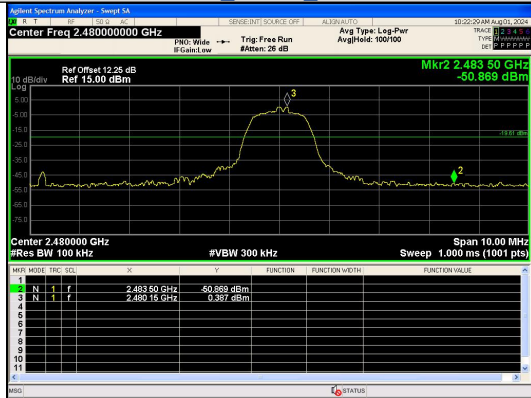
Test Graphs



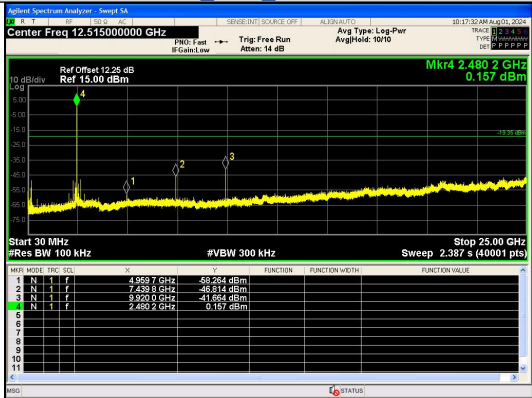
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



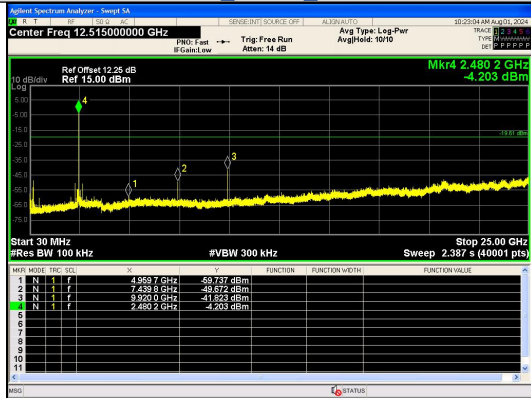
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39



Out Of Band Emission
GFSK_DH5_Channel 78

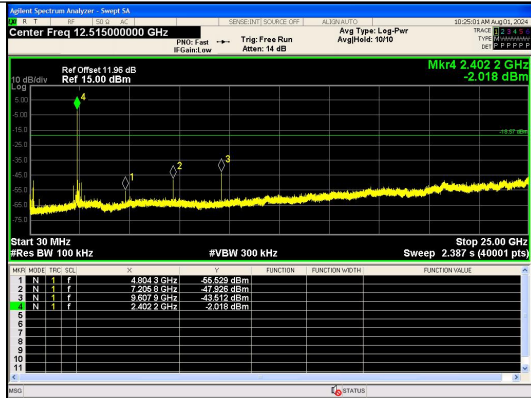
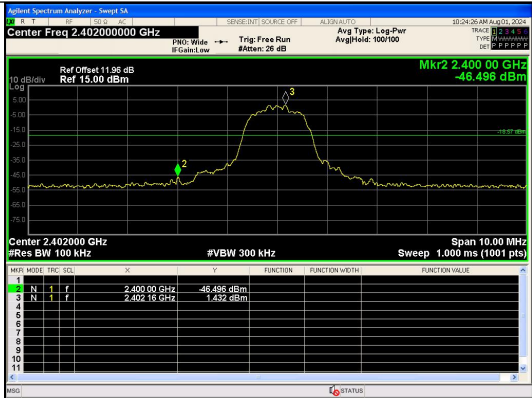


Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



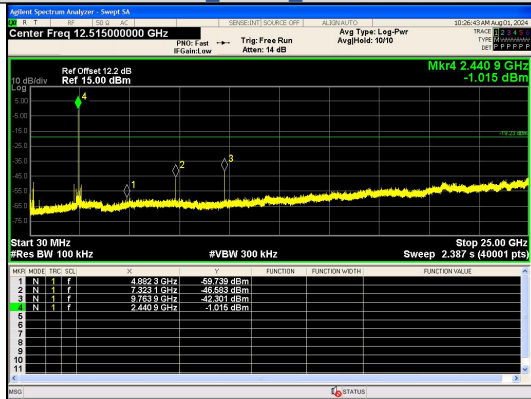
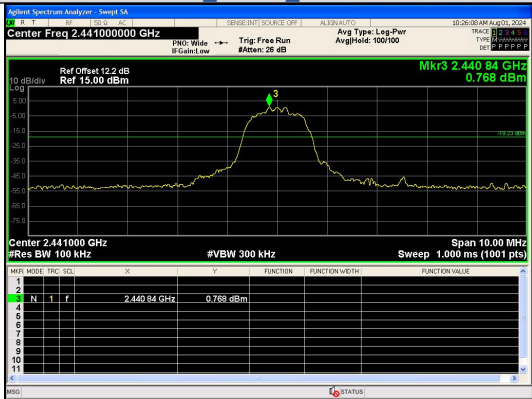
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78

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



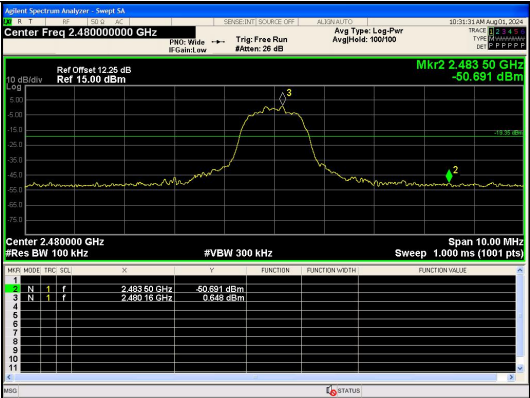
Out Of Band Emission
8DPSK_3-DH5_Channel 0

30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0

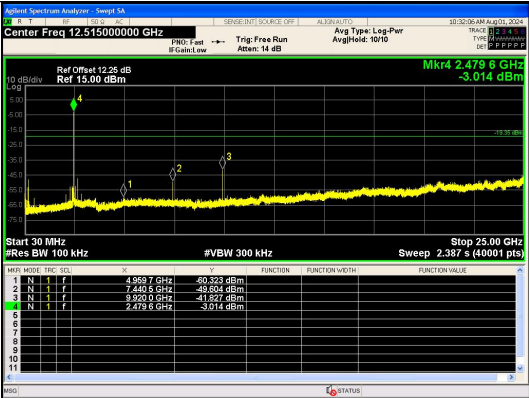


Out Of Band Emission
8DPSK_3-DH5_Channel 39

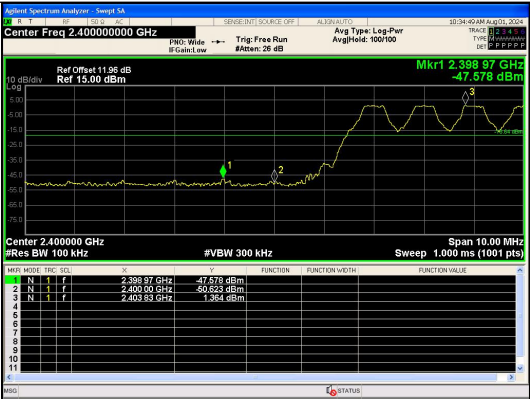
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39



Out Of Band Emission
8DPSK 3-DH5 Channel 78



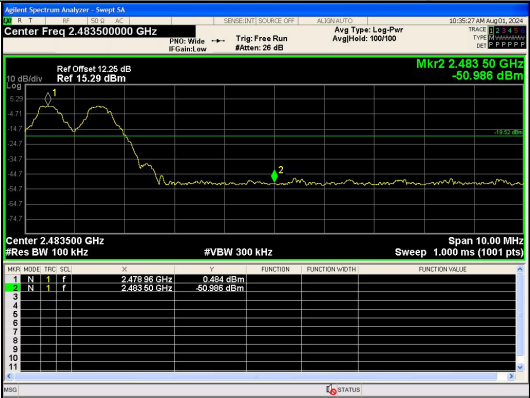
30.0 MHz - 25000.0 MHz
8DPSK 3-DH5 Channel 78



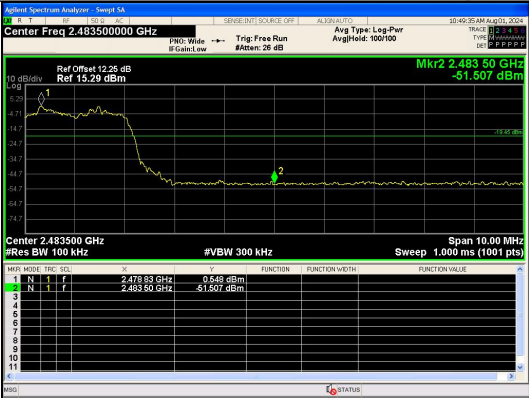
Out Of Band Emission(Left)
GFSK DH5 Channel Hopping



Out Of Band Emission(Left)
 $\pi/4$ DQPSK 2-DH5 Channel Hopping



Out Of Band Emission(Right)
GFSK DH5 Channel Hopping



Out Of Band Emission(Right)
 $\pi/4$ DQPSK 2-DH5 Channel Hopping



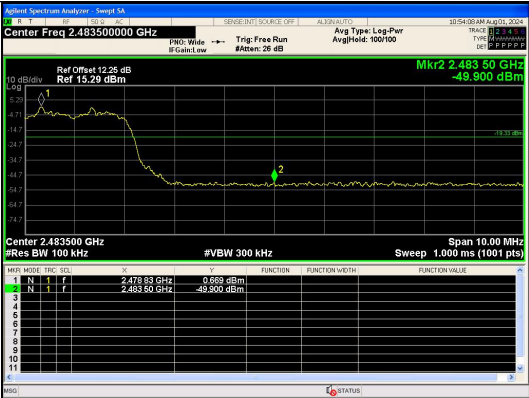
Out Of Band Emission(Left)
GFSK DH5 Channel Hopping



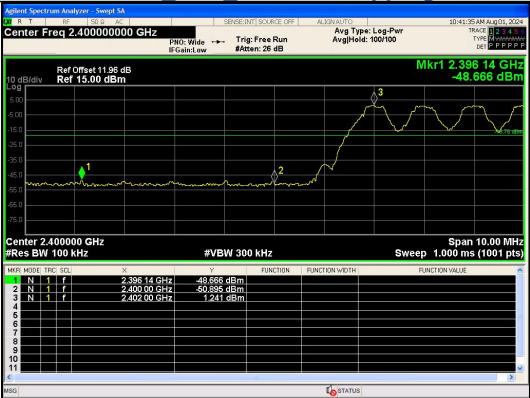
Out Of Band Emission(Left)
 $\pi/4$ DQPSK 2-DH5 Channel Hopping



Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



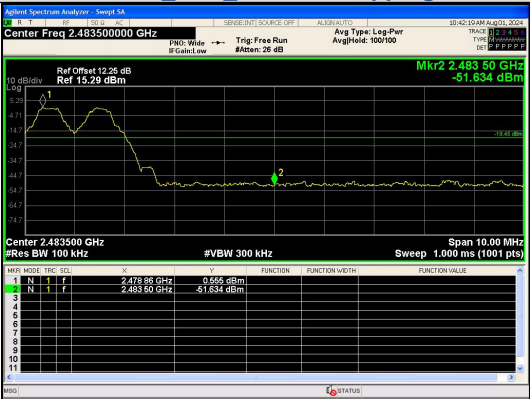
Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



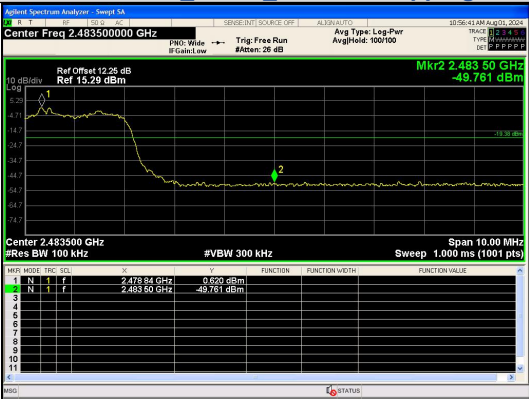
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



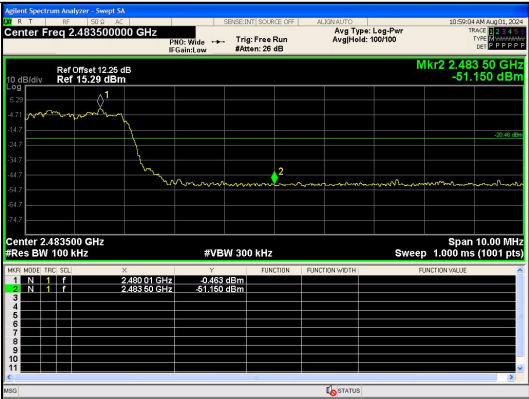
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Left)
8DPSK_3-DH5_Channel Hopping



Out Of Band Emission(Right)
8DPSK_3-DH5_Channel Hopping