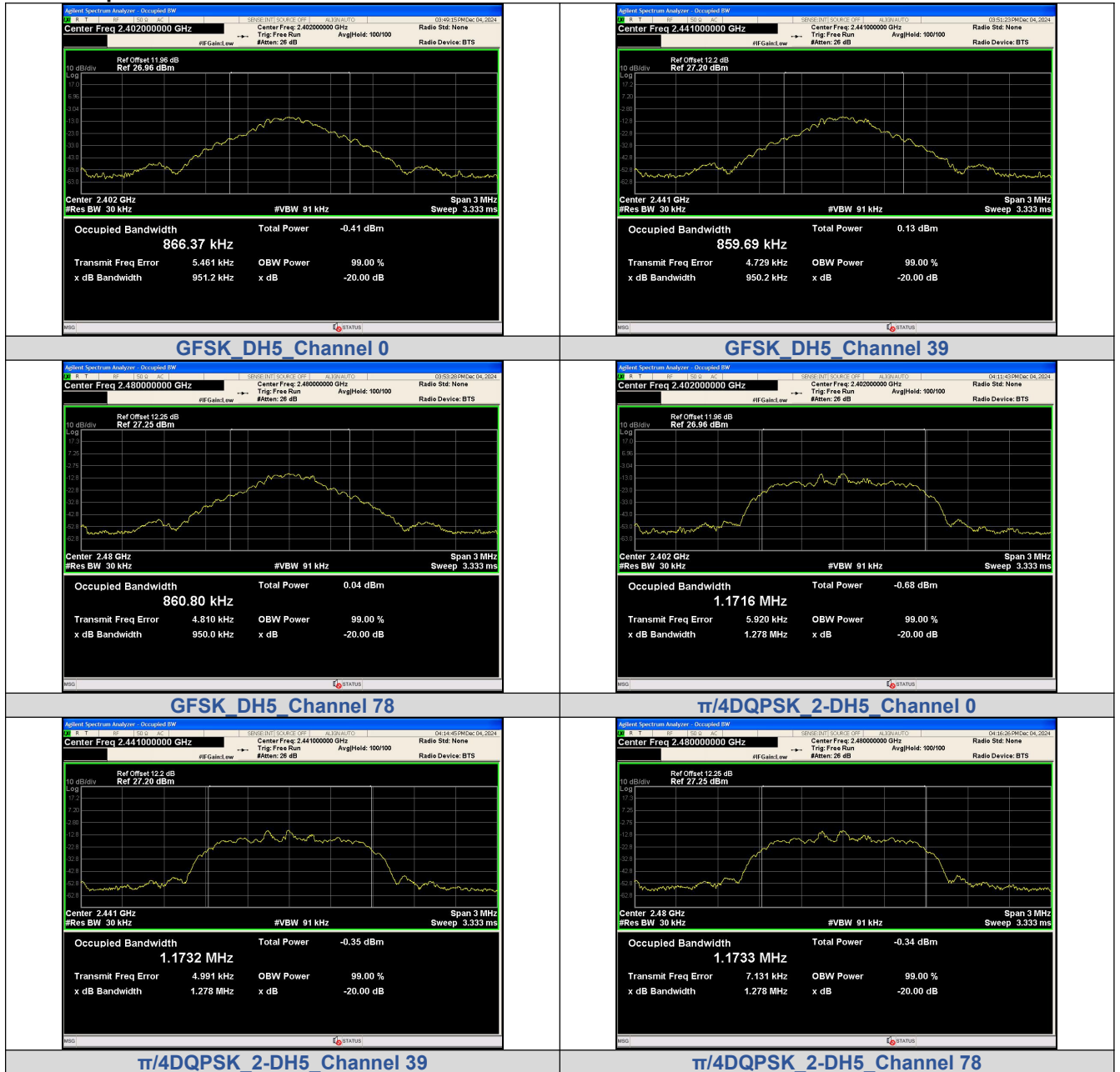


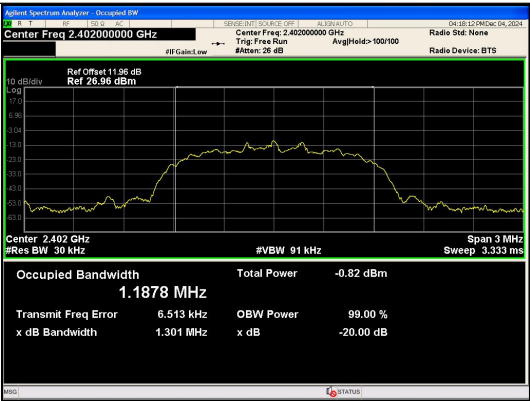
APPENDIX III. 20dB Bandwidth

Test Result

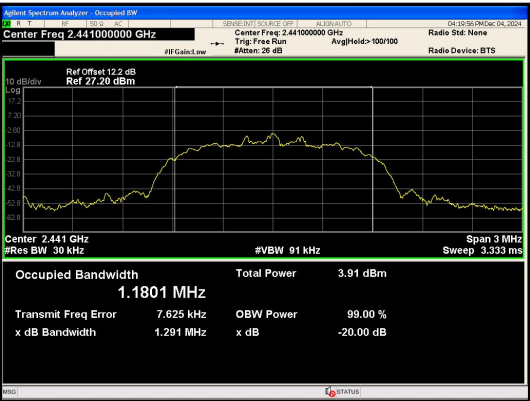
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9512
	39	2441 MHz	0.9502
	78	2480 MHz	0.9500
$\pi/4$ DQPSK	0	2402 MHz	1.278
	39	2441 MHz	1.278
	78	2480 MHz	1.278
8DPSK	0	2402 MHz	1.301
	39	2441 MHz	1.291
	78	2480 MHz	1.291

Test Graphs





8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39

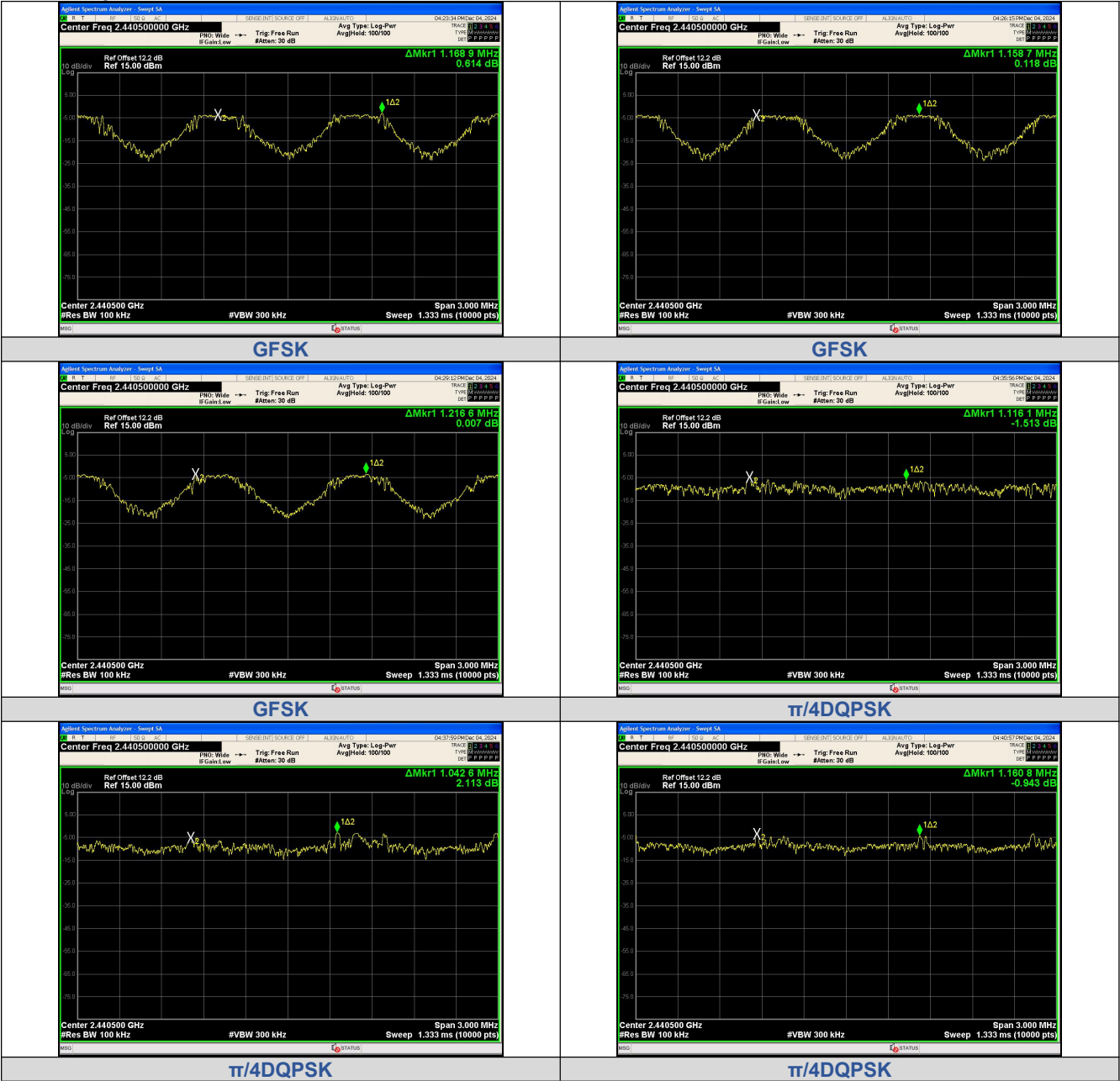


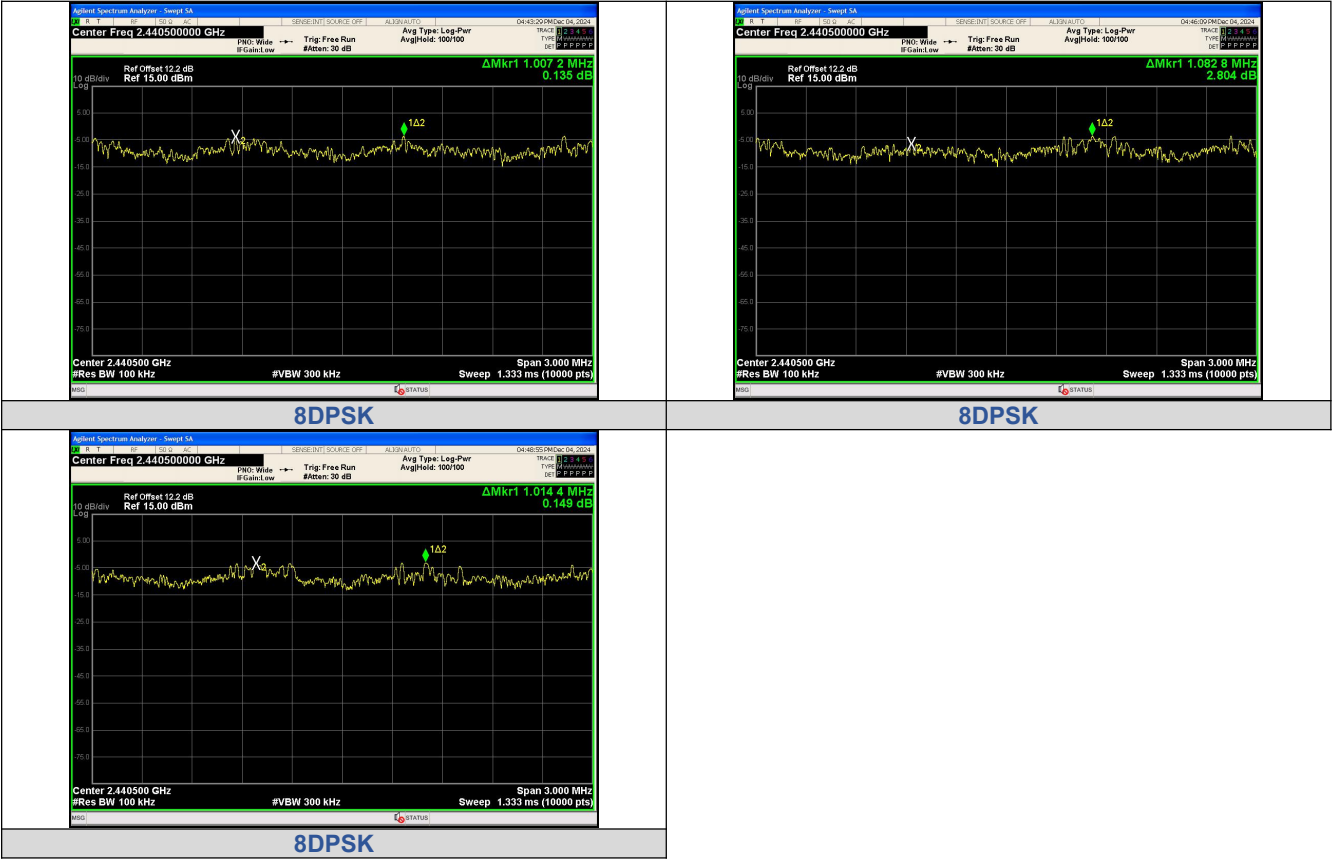
8DPSK 3-DH5 Channel 78

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	2440.0018	2441.1707	1.1689	0.634	PASS
GFSK	DH5	2439.8608	2441.0195	1.1587	0.633	PASS
GFSK	DH5	2439.8407	2441.0573	1.2166	0.633	PASS
$\pi/4$ DQPSK	2-DH5	2439.8119	2440.928	1.1161	0.852	PASS
$\pi/4$ DQPSK	2-DH5	2439.808	2440.8506	1.0426	0.852	PASS
$\pi/4$ DQPSK	2-DH5	2439.8629	2441.0237	1.1608	0.852	PASS
8DPSK	3-DH5	2439.8605	2440.8677	1.0072	0.867	PASS
8DPSK	3-DH5	2439.9313	2441.0141	1.0828	0.861	PASS
8DPSK	3-DH5	2439.9832	2440.9976	1.0144	0.861	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	2398.99	-45.314	-27.36	-17.954	PASS
			2400.00	-51.227	-27.36	-23.867	PASS
			4804.30	-61.640	-27.36	-34.280	PASS
			7205.80	-63.582	-27.36	-36.222	PASS
			9602.20	-38.344	-27.36	-10.984	PASS
			9607.20	-64.348	-27.36	-36.988	PASS
		39	4881.67	-58.446	-27.07	-31.376	PASS
			7322.49	-62.335	-27.07	-35.265	PASS
			9758.31	-35.986	-27.07	-8.916	PASS
			9764.55	-63.217	-27.07	-36.147	PASS
		78	2483.50	-51.685	-27.06	-24.625	PASS
			4960.33	-59.664	-27.06	-32.604	PASS
			7439.85	-62.922	-27.06	-35.862	PASS
			9913.75	-34.958	-27.06	-7.898	PASS
$\pi/4$ DQPSK	2-DH5	0	2399.00	-45.609	-27.32	-18.289	PASS
			2400.00	-52.773	-27.32	-25.453	PASS
			4803.60	-64.531	-27.32	-37.211	PASS
			7206.40	-62.905	-27.32	-35.585	PASS
			9602.20	-38.973	-27.32	-11.653	PASS
			9608.50	-63.927	-27.32	-36.607	PASS
		39	4882.30	-57.316	-26.97	-30.346	PASS
			7323.74	-63.447	-26.97	-36.477	PASS
			9758.31	-36.116	-26.97	-9.146	PASS
			9763.93	-63.889	-26.97	-36.919	PASS
		78	2483.50	-52.405	-27.07	-25.335	PASS
			4959.70	-59.737	-27.07	-32.667	PASS
			7439.85	-63.672	-27.07	-36.602	PASS
			9913.75	-35.332	-27.07	-8.262	PASS
8DPSK	3-DH5	0	2399.00	-46.840	-27.35	-19.490	PASS
			2400.00	-52.314	-27.35	-24.964	PASS
			4804.30	-61.841	-27.35	-34.491	PASS
			7205.10	-62.883	-27.35	-35.533	PASS
			9602.20	-38.384	-27.35	-11.034	PASS
			9608.50	-64.686	-27.35	-37.336	PASS
		39	4882.30	-58.491	-22.96	-35.531	PASS
			7323.74	-62.154	-22.96	-39.194	PASS
			9758.31	-34.324	-22.96	-11.364	PASS
			9764.55	-64.692	-22.96	-41.732	PASS
		78	2483.50	-51.247	-22.95	-28.297	PASS
			4960.33	-58.768	-22.95	-35.818	PASS
			7439.85	-63.227	-22.95	-40.277	PASS
			9913.75	-33.347	-22.95	-10.397	PASS
			9919.99	-64.980	-22.95	-42.030	PASS

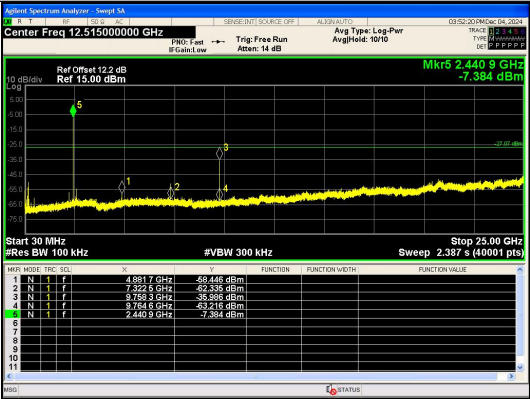
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.88	-43.600	-23.64	-19.960	PASS
			2400.00	-44.541	-23.64	-20.901	PASS
			2483.50	-50.583	-23.13	-27.453	PASS
			2398.97	-42.873	-23.62	-19.253	PASS
			2400.00	-44.828	-23.62	-21.208	PASS
			2483.50	-51.015	-23.29	-27.725	PASS
			2400.00	-44.016	-23.39	-20.626	PASS
			2483.50	-51.285	-23.04	-28.245	PASS

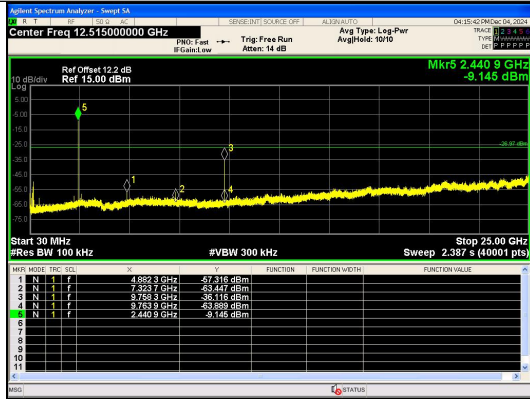
$\pi/4$ DQPSK	2-DH5	2400.00	-46.161	-23.39	-22.771	PASS
		2483.50	-50.684	-23.22	-27.464	PASS
		2398.95	-46.265	-23.66	-22.605	PASS
		2400.00	-48.603	-23.66	-24.943	PASS
		2483.50	-50.517	-22.91	-27.607	PASS
		2398.86	-43.468	-23.37	-20.098	PASS
8DPSK	3-DH5	2400.00	-45.934	-23.37	-22.564	PASS
		2483.50	-51.698	-23.08	-28.618	PASS
		2398.94	-45.238	-23.52	-21.718	PASS
		2400.00	-47.625	-23.52	-24.105	PASS
		2483.50	-51.376	-23.24	-28.136	PASS
		2398.91	-46.706	-23.59	-23.116	PASS
		2400.00	-47.416	-23.59	-23.826	PASS
		2483.50	-51.182	-25.3	-25.882	PASS
		2398.95	-46.953	-23.45	-23.503	PASS
		2400.00	-47.868	-23.45	-24.418	PASS
		2483.50	-50.306	-23.13	-27.176	PASS

Test Graphs

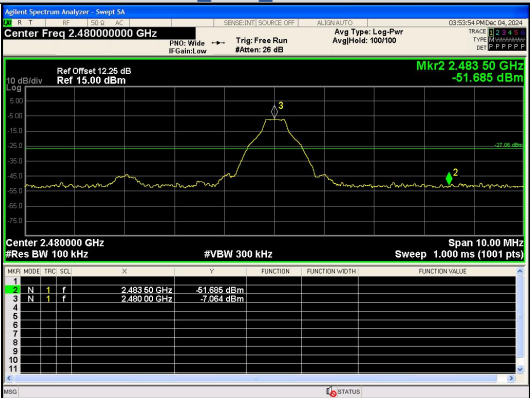
Agilent Spectrum Analyzer - Sweep 5A Center Freq 2.40200000 GHz Ref Offset 11.96 dB Ref 15.00 dBm Mkr1 2.398 89 GHz -46.314 dBm Center 2.402000 GHz #Res BW 100 kHz #VBW 300 kHz Span 10.00 MHz Sweep 1.000 ms (1001 pts)	Agilent Spectrum Analyzer - Sweep 5A Center Freq 2.40200000 GHz Ref Offset 11.96 dB Ref 15.00 dBm Mkr2 2.400 00 GHz -52.773 dBm Center 2.402000 GHz #Res BW 100 kHz #VBW 300 kHz Span 10.00 MHz Sweep 1.000 ms (1001 pts)
Out Of Band Emission GFSK DH5 Channel 0 Agilent Spectrum Analyzer - Sweep 5A Center Freq 12.51500000 GHz Ref Offset 11.96 dB Ref 15.00 dBm Mkr5 2.402 2 GHz -8.145 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Stop 25.00 GHz Sweep 2.387 s (40001 pts)	Agilent Spectrum Analyzer - Sweep 5A Center Freq 12.51500000 GHz Ref Offset 11.96 dB Ref 15.00 dBm Mkr5 2.401 5 GHz -11.011 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Stop 25.00 GHz Sweep 2.387 s (40001 pts)
30.0 MHz - 25000.0 MHz GFSK DH5 Channel 0 Agilent Spectrum Analyzer - Sweep 5A Center Freq 2.441000000 GHz Ref Offset 12.5 dB Ref 15.00 dBm Mkr3 2.440 87 GHz -7.067 dBm Center 2.441000 GHz #Res BW 100 kHz #VBW 300 kHz Span 10.00 MHz Sweep 1.000 ms (1001 pts)	Agilent Spectrum Analyzer - Sweep 5A Center Freq 2.441000000 GHz Ref Offset 12.5 dB Ref 15.00 dBm Mkr3 2.441 00 GHz -6.970 dBm Center 2.441000 GHz #Res BW 100 kHz #VBW 300 kHz Span 10.00 MHz Sweep 1.000 ms (1001 pts)
Out Of Band Emission GFSK DH5 Channel 39	Out Of Band Emission $\pi/4$DQPSK 2-DH5 Channel 39



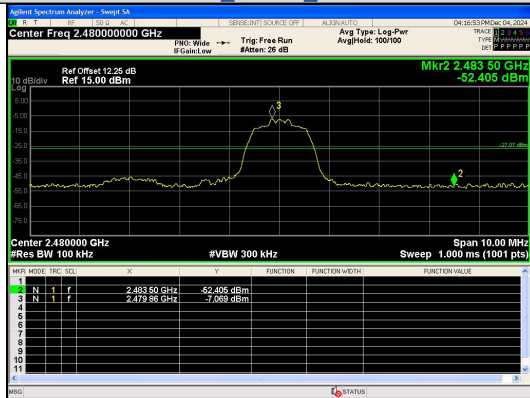
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 39



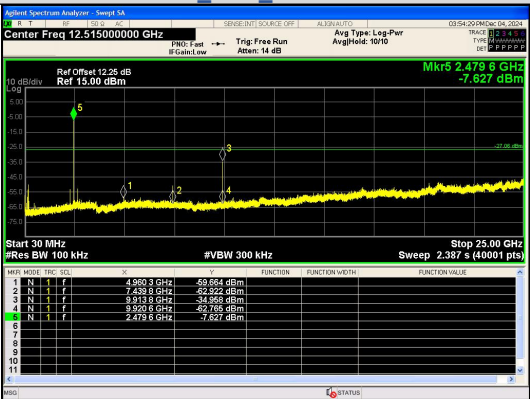
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 39



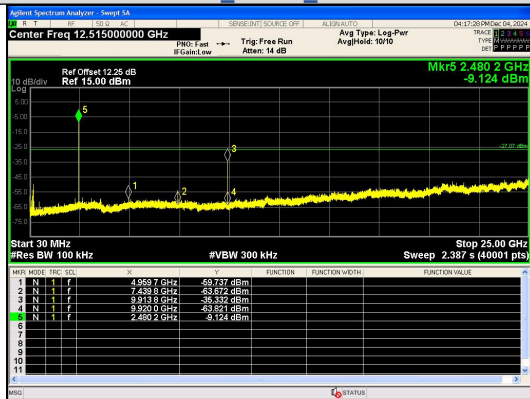
Out Of Band Emission
GFSK_DH5_Channel 78



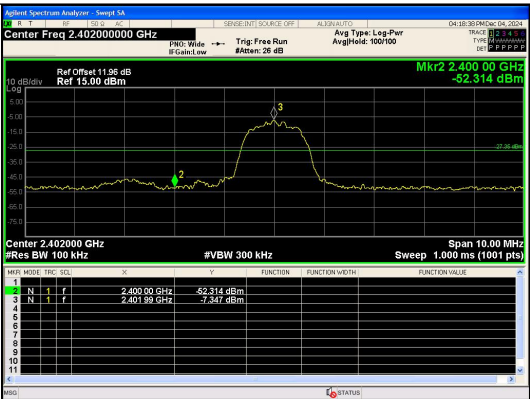
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



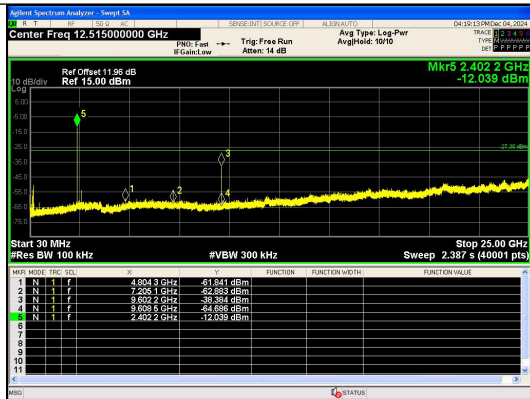
30.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 78



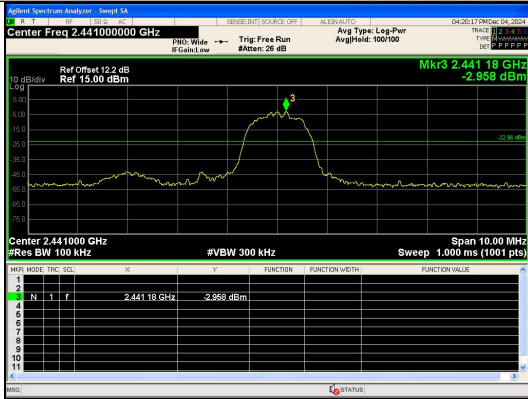
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 78



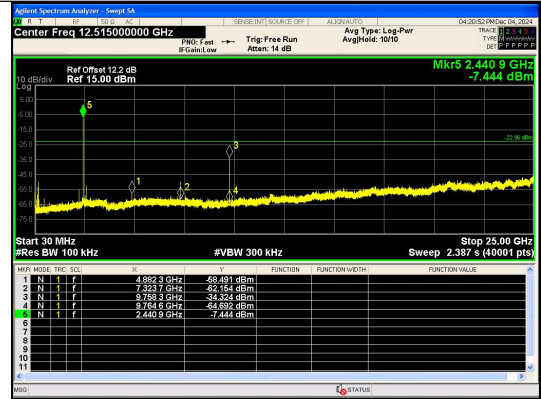
Out Of Band Emission
8DPSK_3-DH5_Channel 0



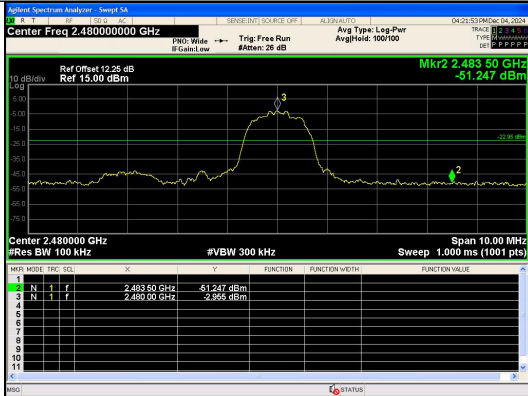
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 0



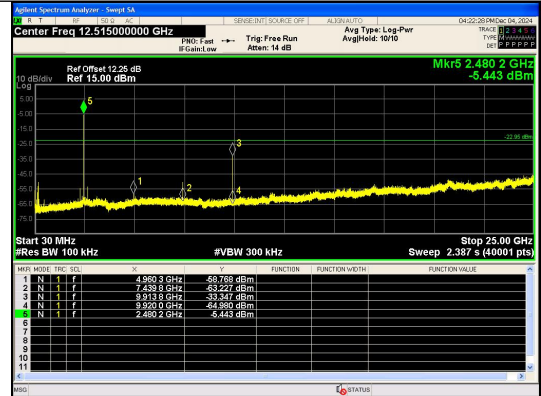
Out Of Band Emission
8DPSK_3-DH5_Channel 39



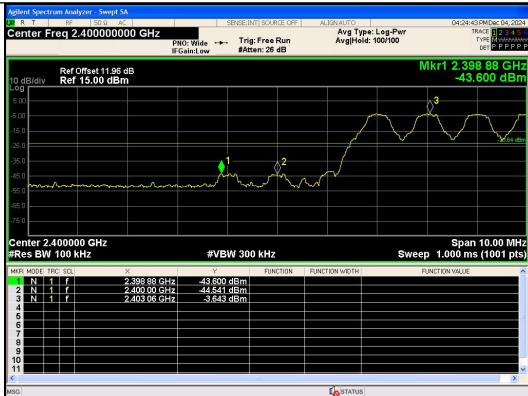
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39



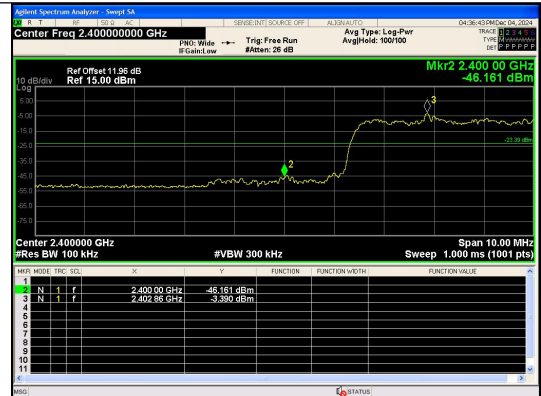
Out Of Band Emission
8DPSK_3-DH5_Channel 78



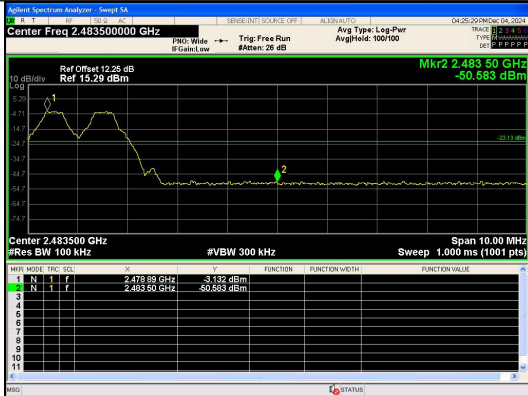
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78



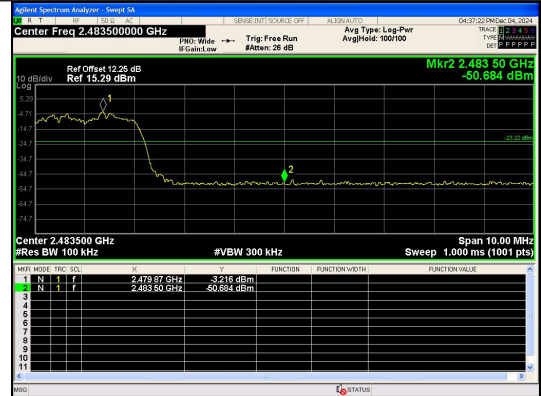
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



Out Of Band Emission(Left)
π/4DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



Out Of Band Emission(Right)
π/4DQPSK_2-DH5_Channel Hopping