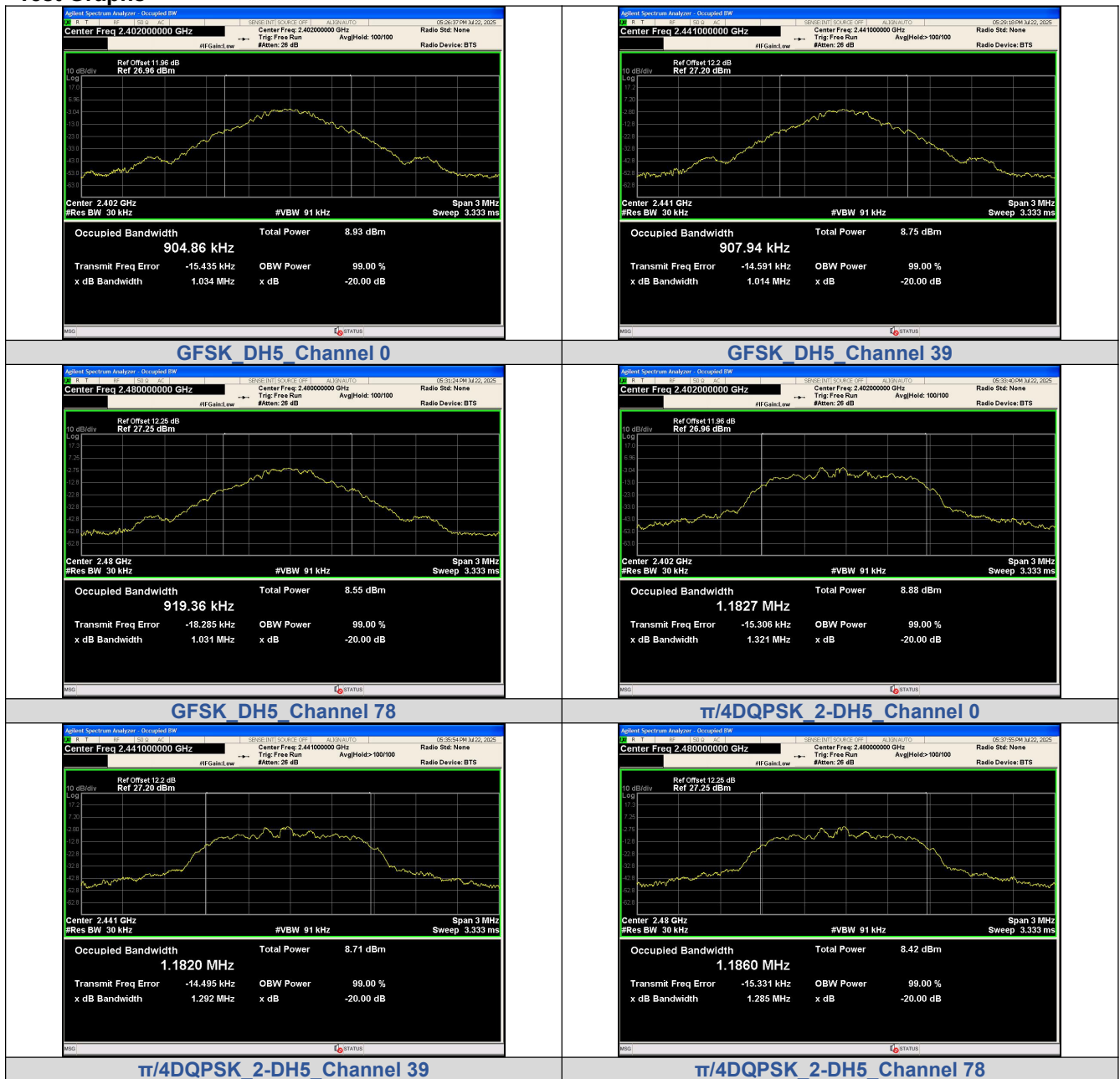


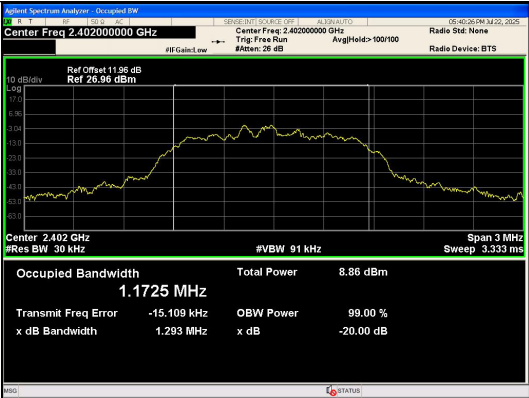
APPENDIX III. 20dB Bandwidth

Test Result

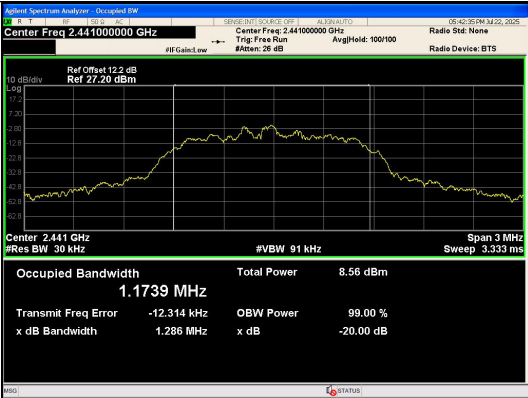
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	1.034
	39	2441 MHz	1.014
	78	2480 MHz	1.031
$\pi/4$ DQPSK	0	2402 MHz	1.321
	39	2441 MHz	1.292
	78	2480 MHz	1.285
8DPSK	0	2402 MHz	1.293
	39	2441 MHz	1.286
	78	2480 MHz	1.292

Test Graphs

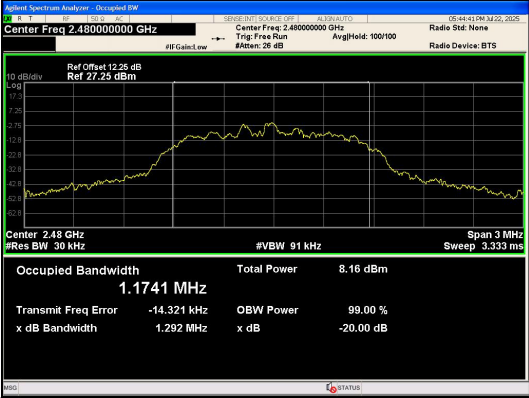




8DPSK 3-DH5 Channel 0



8DPSK 3-DH5 Channel 39



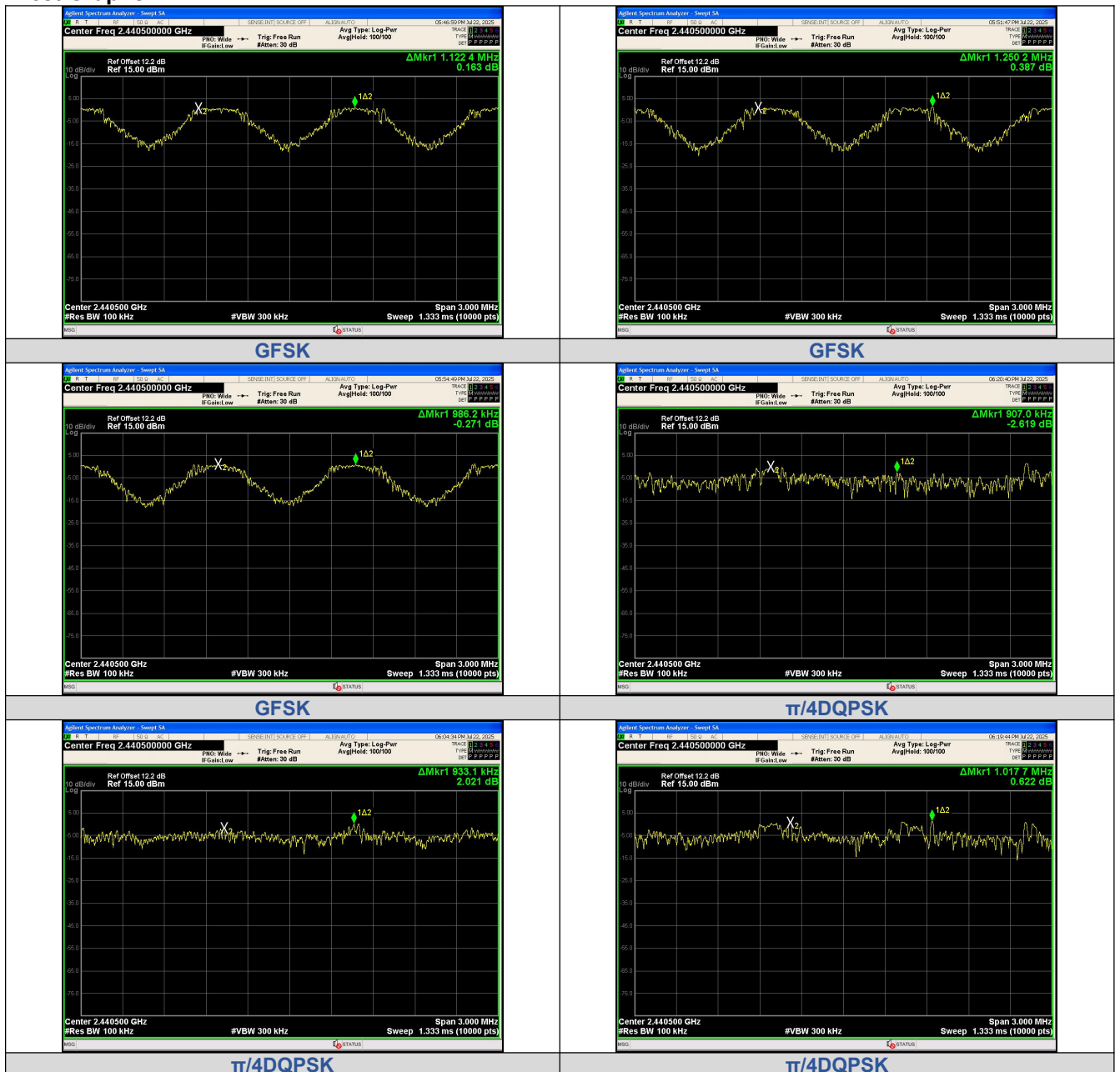
8DPSK 3-DH5 Channel 78

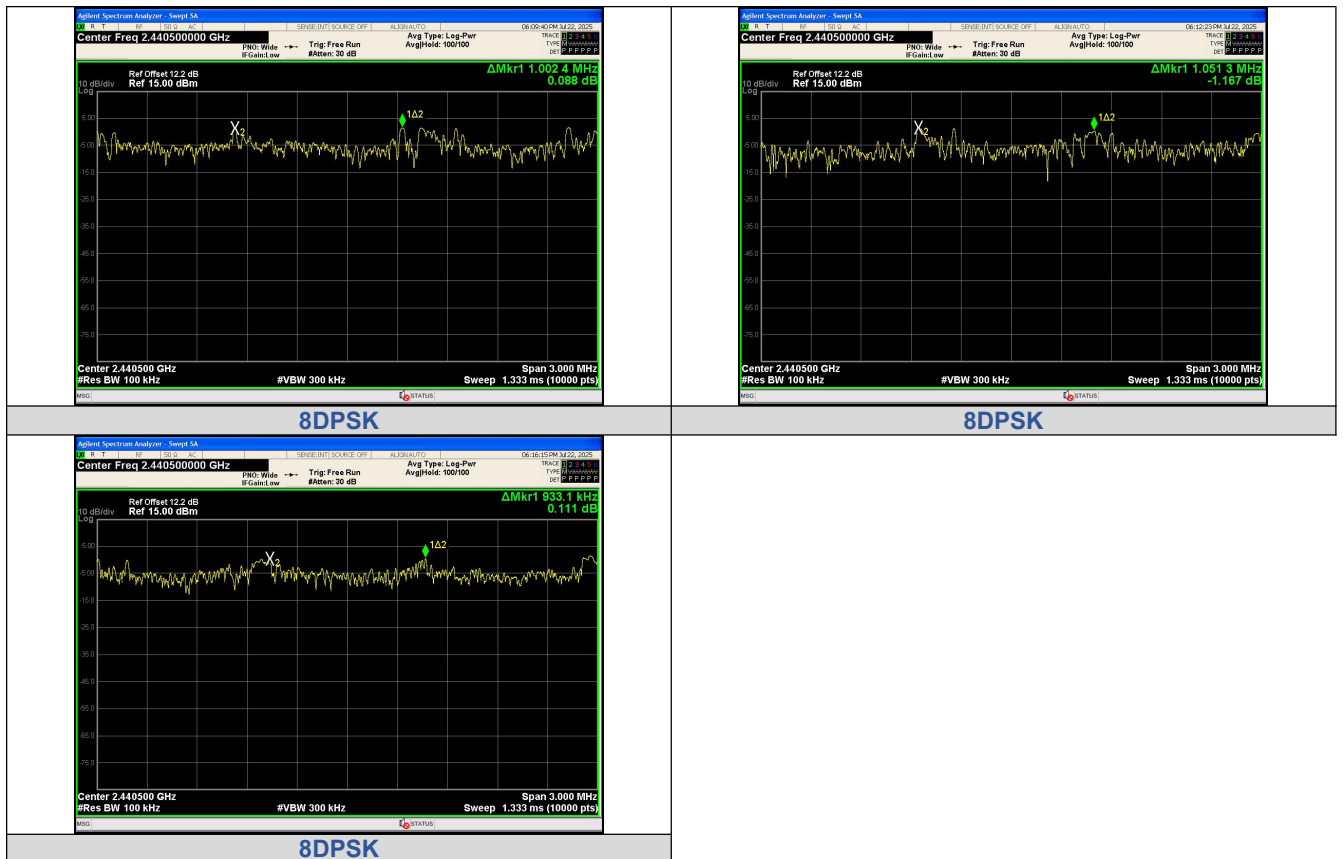
APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2439.8458	2440.9682	1.1224	0.689	PASS
GFSK	DH5	2439.8881	2441.1383	1.2502	0.689	PASS
GFSK	DH5	2439.9862	2440.9724	0.9862	0.689	PASS
$\pi/4$ DQPSK	2-DH5	2439.9769	2440.8839	0.9070	0.881	PASS
$\pi/4$ DQPSK	2-DH5	2440.0282	2440.9613	0.9331	0.881	PASS
$\pi/4$ DQPSK	2-DH5	2440.1188	2441.1365	1.0177	0.881	PASS
8DPSK	3-DH5	2439.826	2440.8284	1.0024	0.862	PASS
8DPSK	3-DH5	2439.9451	2440.9964	1.0513	0.862	PASS
8DPSK	3-DH5	2440.0354	2440.9685	0.9331	0.862	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	-50.026	-18.17	-31.856	PASS
			4804.26	-45.215	-18.17	-27.045	PASS
			7205.75	-43.563	-18.17	-25.393	PASS
			9607.87	-34.327	-18.17	-16.157	PASS
		39	4882.30	-44.578	-18.32	-26.258	PASS
			7323.11	-44.243	-18.32	-25.923	PASS
			9763.93	-35.395	-18.32	-17.075	PASS
			2483.50	-51.610	-18.58	-33.030	PASS
		78	4959.70	-44.969	-18.58	-26.389	PASS
			7439.85	-40.450	-18.58	-21.870	PASS
			9919.99	-34.752	-18.58	-16.172	PASS
			2400.00	-49.154	-17.93	-31.224	PASS
$\pi/4$ DQPSK	2-DH5	0	4803.64	-47.675	-17.93	-29.745	PASS
			7205.75	-46.202	-17.93	-28.272	PASS
			9607.87	-34.794	-17.93	-16.864	PASS
			2400.00	-49.154	-17.93	-31.224	PASS
		39	4881.67	-48.053	-18.44	-29.613	PASS
			7323.11	-47.334	-18.44	-28.894	PASS
			9763.93	-35.212	-18.44	-16.772	PASS
			2483.50	-51.884	-18.66	-33.224	PASS
		78	4959.70	-49.287	-18.66	-30.627	PASS
			7439.85	-44.997	-18.66	-26.337	PASS
			9919.99	-35.265	-18.66	-16.605	PASS
			2400.00	-48.247	-17.81	-30.437	PASS
8DPSK	3-DH5	0	4804.26	-46.861	-17.81	-29.051	PASS
			7205.75	-48.196	-17.81	-30.386	PASS
			9607.87	-35.816	-17.81	-18.006	PASS
			2400.00	-48.247	-17.81	-30.437	PASS
		39	4881.67	-49.290	-18.25	-31.040	PASS
			7323.11	-49.174	-18.25	-30.924	PASS
			9763.93	-36.152	-18.25	-17.902	PASS
			2483.50	-52.024	-18.74	-33.284	PASS
		78	4960.33	-50.336	-18.74	-31.596	PASS
			7439.85	-46.713	-18.74	-27.973	PASS
			9919.99	-36.267	-18.74	-17.527	PASS
			2400.00	-48.247	-17.81	-30.437	PASS

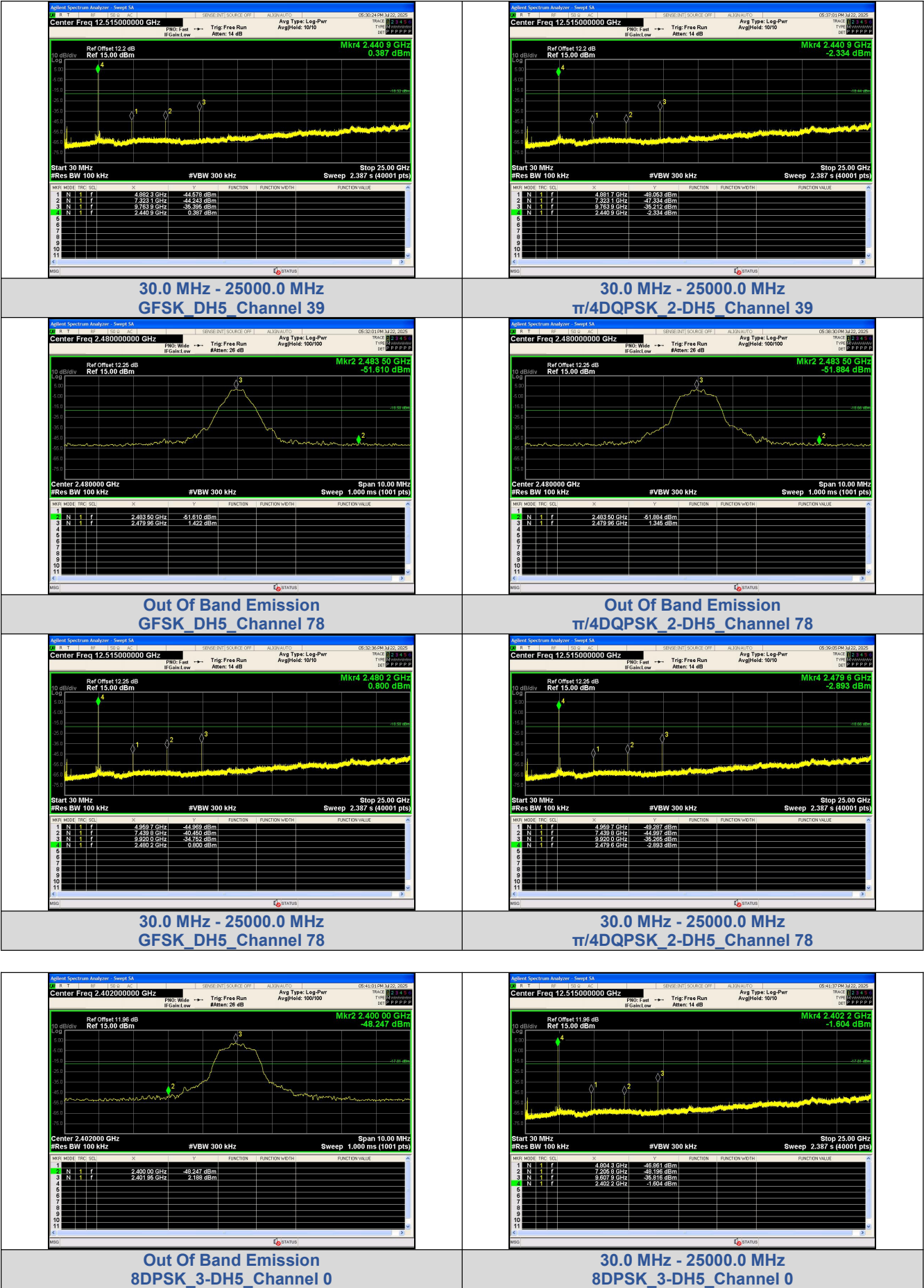
Hopping

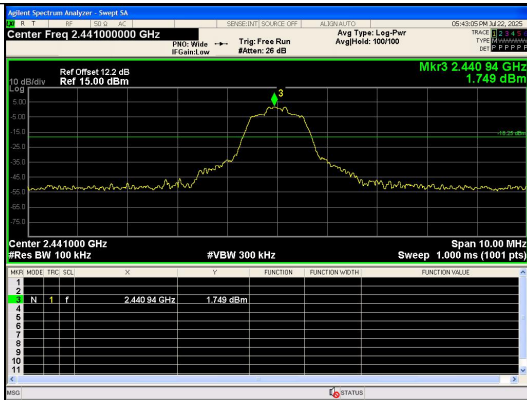
Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2397.58	-49.044	-18.12	-30.924	PASS
			2400.00	-50.995	-18.12	-32.875	PASS
			2483.50	-50.717	-18.79	-31.927	PASS
			2397.06	-49.737	-18.53	-31.207	PASS
			2400.00	-51.301	-18.53	-32.771	PASS
			2483.50	-50.289	-18.76	-31.529	PASS
			2395.59	-49.610	-18.27	-31.340	PASS
			2400.00	-51.855	-18.27	-33.585	PASS
2483.50	-50.940		-18.75	-32.190	PASS		
π/4DQPSK	2-DH5		2398.65	-49.935	-18.7	-31.235	PASS
			2400.00	-51.009	-18.7	-32.309	PASS
			2483.50	-51.677	-19.1	-32.577	PASS
			2395.27	-48.886	-18.32	-30.566	PASS
			2400.00	-50.495	-18.32	-32.175	PASS
			2483.50	-51.010	-20.18	-30.830	PASS
			2396.56	-48.870	-18.12	-30.750	PASS
			2400.00	-50.638	-18.12	-32.518	PASS
8DPSK	3-DH5		2483.50	-50.409	-20.01	-30.399	PASS
			2398.61	-50.010	-18.25	-31.760	PASS
			2400.00	-51.767	-18.25	-33.517	PASS
		2483.50	-51.085	-18.53	-32.555	PASS	

			2397.17	-49.328	-17.92	-31.407	PASS
			2400.00	-51.629	-17.92	-33.709	PASS
			2483.50	-50.959	-18.84	-32.119	PASS
			2397.37	-50.220	-18.88	-31.340	PASS
			2400.00	-51.788	-18.88	-32.908	PASS
			2483.50	-50.365	-19.83	-30.535	PASS

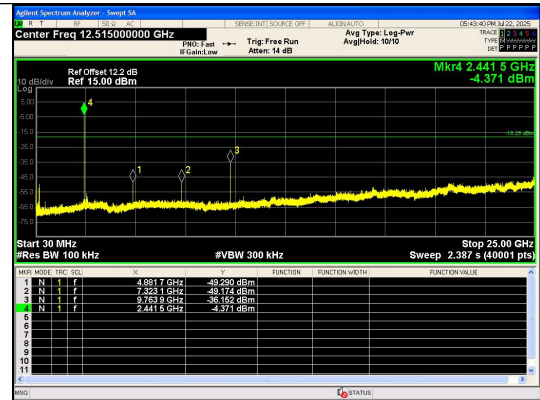
Test Graphs

Agilent Spectrum Analyzer - Script SA Center Freq 2.402000000 GHz Ref Offset 11.96 dB Ref 15.00 dBm Mkr2 2.400 00 GHz -50.026 dBm Center 2.402000 GHz #Res BW 100 kHz #VBW 300 kHz Span 10.00 MHz Sweep 1.000 ms (1001 pts) <table><thead><tr><th>MN</th><th>MODE</th><th>TRC</th><th>SEL</th><th>F</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr></thead><tbody><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.400 00 GHz</td><td>-50.026 dBm</td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.401 96 GHz</td><td>1.926 dBm</td><td></td><td></td></tr></tbody></table> Out Of Band Emission GFSK_DH5_Channel 0	MN	MODE	TRC	SEL	F	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.400 00 GHz	-50.026 dBm			2	N	1	f	2.401 96 GHz	1.926 dBm			Agilent Spectrum Analyzer - Script SA Center Freq 2.402000000 GHz Ref Offset 11.96 dB Ref 15.00 dBm Mkr2 2.400 00 GHz -49.154 dBm Center 2.402000 GHz #Res BW 100 kHz #VBW 300 kHz Span 10.00 MHz Sweep 1.000 ms (1001 pts) <table><thead><tr><th>MN</th><th>MODE</th><th>TRC</th><th>SEL</th><th>F</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr></thead><tbody><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.400 00 GHz</td><td>-49.154 dBm</td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.401 96 GHz</td><td>2.066 dBm</td><td></td><td></td></tr></tbody></table> Out Of Band Emission $\pi/4$DQPSK_2-DH5_Channel 0	MN	MODE	TRC	SEL	F	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.400 00 GHz	-49.154 dBm			2	N	1	f	2.401 96 GHz	2.066 dBm																																		
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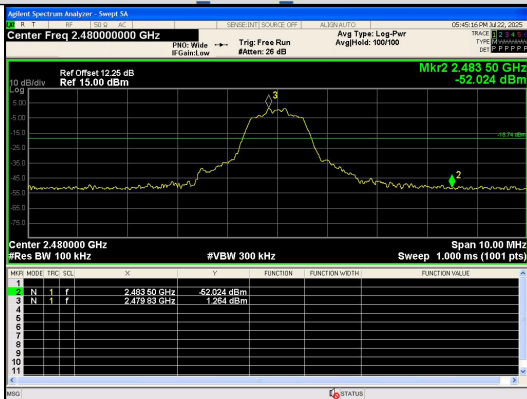




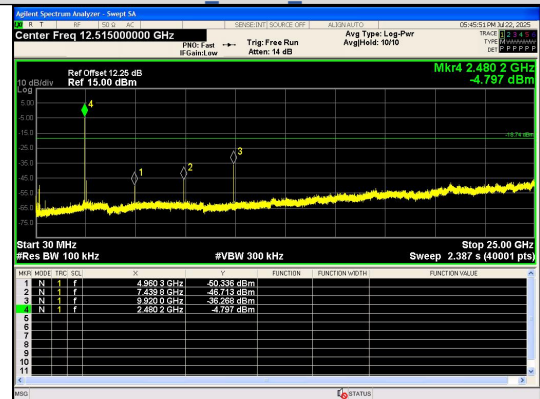
Out Of Band Emission
8DPSK_3-DH5_Channel 39



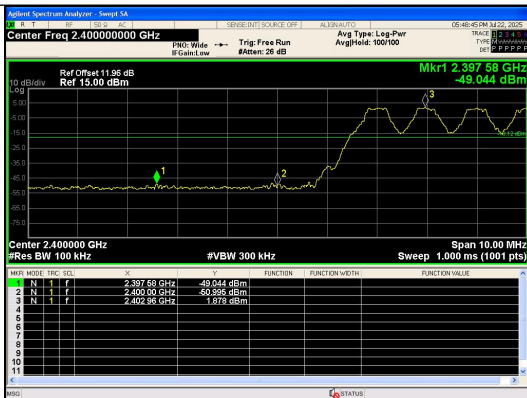
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39



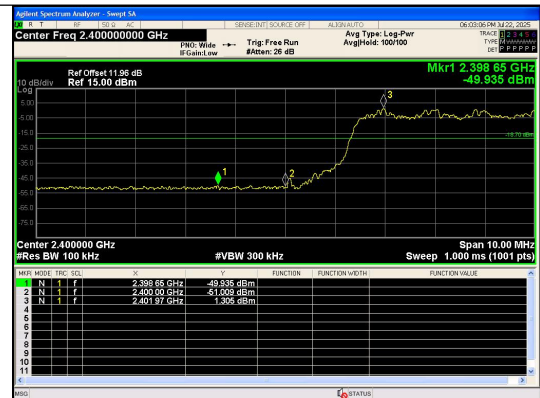
Out Of Band Emission
8DPSK_3-DH5_Channel 78



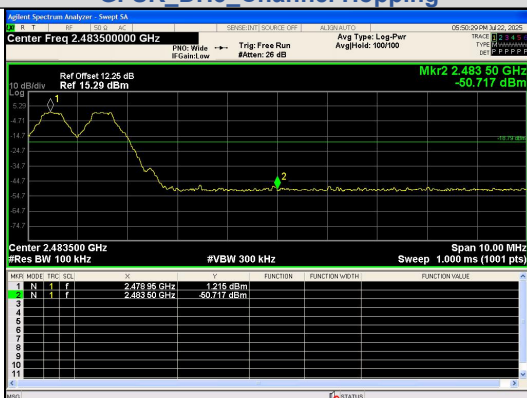
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78



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