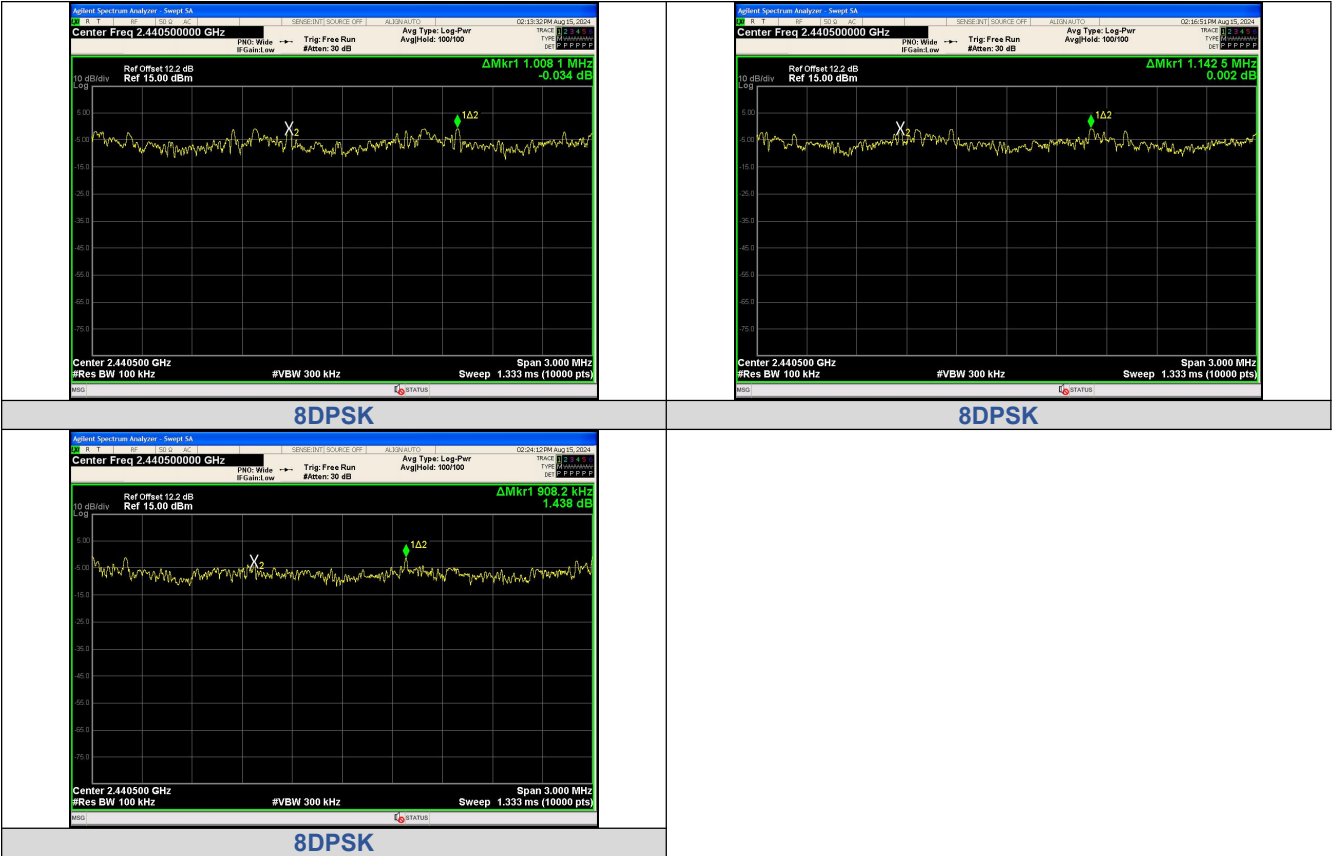




APPENDIX VIII. Conducted Out Of Band Emission**Test Result****Non-Hopping**

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2399.00	-44.264	-20.74	-23.524	PASS
			2400.00	-50.056	-20.74	-29.316	PASS
			4804.40	-56.306	-20.74	-35.566	PASS
			7205.90	-58.891	-20.74	-38.151	PASS
			9601.90	-33.065	-20.74	-12.325	PASS
			9607.50	-63.909	-20.74	-43.169	PASS
		39	4881.79	-55.497	-20.53	-34.967	PASS
			7322.67	-62.271	-20.53	-41.741	PASS
			9757.93	-32.683	-20.53	-12.153	PASS
		78	9764.80	-62.493	-20.53	-41.963	PASS
			2483.50	-49.975	-21.18	-28.795	PASS
			4960.45	-54.685	-21.18	-33.505	PASS
			7439.41	-59.720	-21.18	-38.540	PASS
			9914.00	-32.606	-21.18	-11.426	PASS
			9920.86	-63.417	-21.18	-42.237	PASS
$\pi/4$ DQPSK	2-DH5	0	2399.00	-45.094	-20.73	-24.364	PASS
			2400.00	-49.437	-20.73	-28.707	PASS
			4803.80	-57.968	-20.73	-37.237	PASS
			7205.90	-61.063	-20.73	-40.333	PASS
			9601.90	-33.551	-20.73	-12.821	PASS
			9608.70	-62.440	-20.73	-41.710	PASS
		39	4881.79	-59.145	-20.64	-38.505	PASS
			7322.67	-62.103	-20.64	-41.463	PASS
			9757.93	-32.756	-20.64	-12.116	PASS
		78	9763.55	-62.796	-20.64	-42.156	PASS
			2483.50	-50.687	-21.24	-29.447	PASS
			4959.83	-56.284	-21.24	-35.044	PASS
			7439.41	-62.783	-21.24	-41.543	PASS
			9914.00	-32.547	-21.24	-11.307	PASS
			9920.86	-63.164	-21.24	-41.924	PASS
8DPSK	3-DH5	0	2399.00	-43.349	-20.69	-22.659	PASS
			2400.00	-48.805	-20.69	-28.115	PASS
			4803.80	-58.966	-20.69	-38.276	PASS
			7205.90	-61.652	-20.69	-40.962	PASS
			9601.90	-33.290	-20.69	-12.600	PASS
			9608.70	-63.403	-20.69	-42.713	PASS
		39	4882.42	-59.297	-20.82	-38.477	PASS
			7322.67	-60.585	-20.82	-39.765	PASS
			9757.93	-32.867	-20.82	-12.047	PASS
		78	9763.55	-61.537	-20.82	-40.717	PASS
			2483.50	-51.086	-21.03	-30.056	PASS
			4959.83	-59.521	-21.03	-38.491	PASS
			7439.41	-60.859	-21.03	-39.829	PASS
			9914.00	-32.836	-21.03	-11.806	PASS
			9920.24	-62.369	-21.03	-41.339	PASS

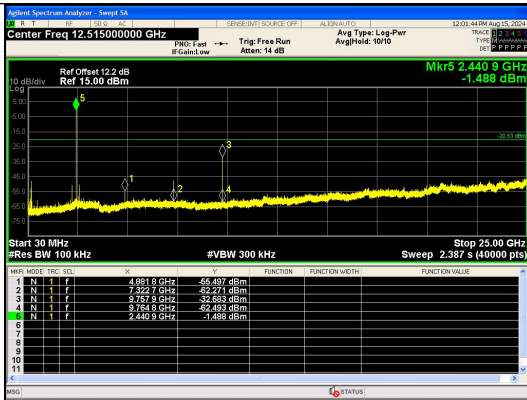
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2398.99	-43.911	-20.94	-22.971	PASS
			2400.00	-45.972	-20.94	-25.032	PASS
			2483.50	-50.805	-21.24	-29.565	PASS
			2398.94	-44.811	-20.91	-23.901	PASS
			2400.00	-45.072	-20.91	-24.162	PASS
			2483.50	-50.742	-21.37	-29.372	PASS
			2400.00	-45.087	-20.9	-24.187	PASS
			2483.50	-50.703	-21.18	-29.523	PASS
$\pi/4$ DQPSK	2-DH5		2398.97	-46.438	-20.86	-25.578	PASS

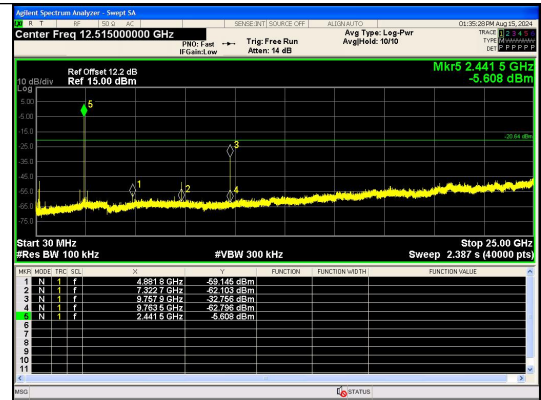
8DPSK	3-DH5	2400.00	-47.752	-20.86	-26.892	PASS
		2483.50	-51.525	-21.13	-30.395	PASS
		2400.00	-47.091	-20.85	-26.241	PASS
		2483.50	-51.253	-21.2	-30.053	PASS
		2398.88	-44.085	-20.83	-23.255	PASS
		2400.00	-45.245	-20.83	-24.415	PASS
		2483.50	-51.097	-21.16	-29.937	PASS
		2398.89	-46.856	-20.73	-26.126	PASS
		2400.00	-50.085	-20.73	-29.355	PASS
		2483.50	-50.468	-21.61	-28.858	PASS
		2398.85	-46.773	-20.85	-25.923	PASS
		2400.00	-48.918	-20.85	-28.068	PASS
		2483.50	-51.670	-23.58	-28.090	PASS
		2400.00	-48.065	-20.93	-27.135	PASS
		2483.50	-50.728	-21.29	-29.438	PASS

Test Graphs

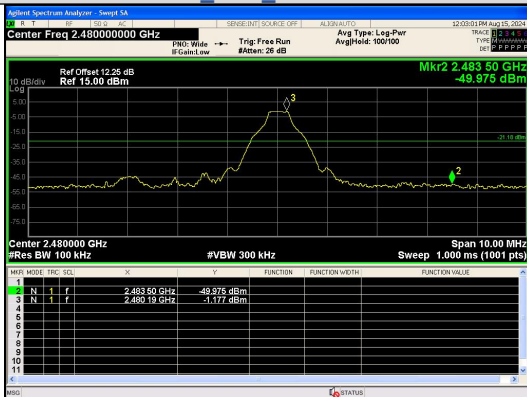
Agilent Spectrum Analyzer - Sweep 5A Center Freq 2.402000000 GHz Ref Offset 11.96 dB Ref 15.00 dBm Mkr2 2.400 00 GHz -50.066 dBm Center 2.402000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.000 ms (1001 pts) <table><thead><tr><th>Mkr</th><th>Mode</th><th>Freq</th><th>Level</th><th>Function</th><th>Function Width</th><th>Function Value</th></tr></thead><tbody><tr><td>1</td><td>N</td><td>2.400 00 GHz</td><td>-50.066 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>2.402 00 GHz</td><td>-47.142 dBm</td><td></td><td></td><td></td></tr></tbody></table> Out Of Band Emission GFSK_DH5_Channel 0 Agilent Spectrum Analyzer - Sweep 5A Center Freq 2.402000000 GHz Ref Offset 11.96 dB Ref 15.00 dBm Mkr2 2.400 00 GHz -49.437 dBm Center 2.402000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.000 ms (1001 pts) <table><thead><tr><th>Mkr</th><th>Mode</th><th>Freq</th><th>Level</th><th>Function</th><th>Function Width</th><th>Function Value</th></tr></thead><tbody><tr><td>1</td><td>N</td><td>2.400 00 GHz</td><td>-49.437 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>2.402 00 GHz</td><td>-47.723 dBm</td><td></td><td></td><td></td></tr></tbody></table> Out Of Band Emission π/4DQPSK_2-DH5_Channel 0	Mkr	Mode	Freq	Level	Function	Function Width	Function Value	1	N	2.400 00 GHz	-50.066 dBm				2	N	2.402 00 GHz	-47.142 dBm				Mkr	Mode	Freq	Level	Function	Function Width	Function Value	1	N	2.400 00 GHz	-49.437 dBm				2	N	2.402 00 GHz	-47.723 dBm																																													
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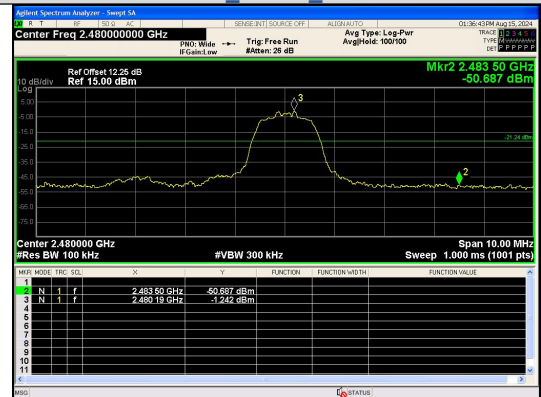
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GFSK_DH5_Channel 39



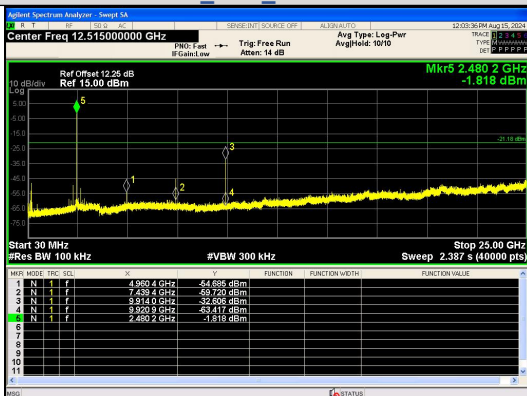
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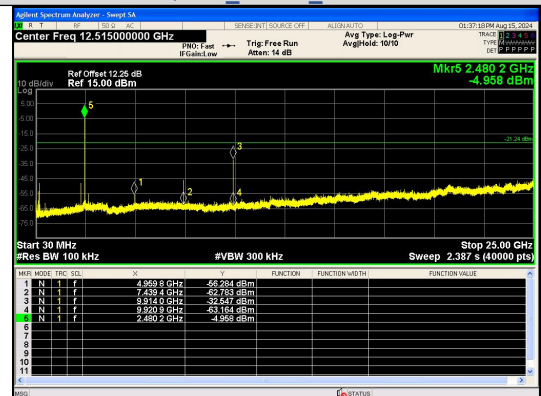
Out Of Band Emission
GFSK_DH5_Channel 78



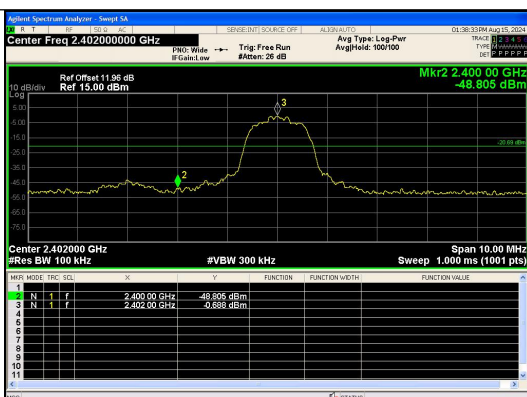
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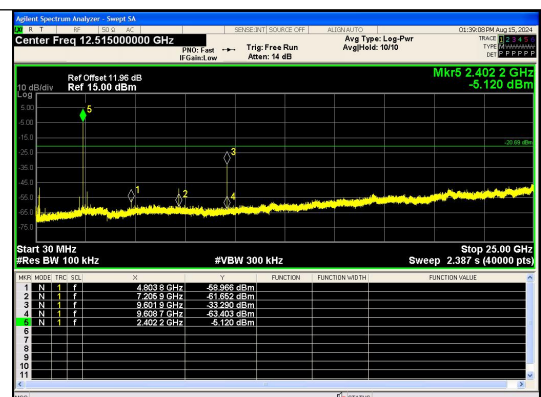
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GFSK_DH5_Channel 78



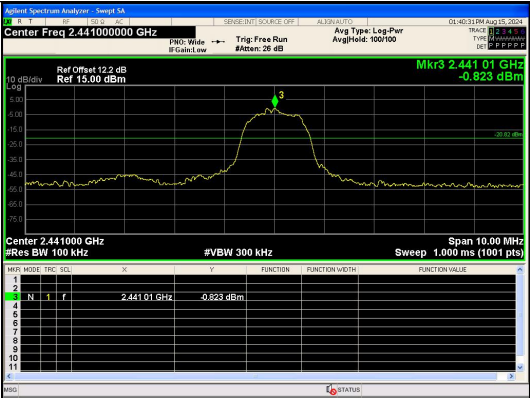
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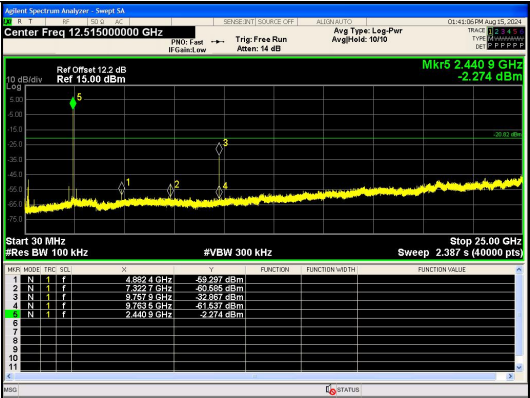
Out Of Band Emission
8DPSK_3-DH5_Channel 0



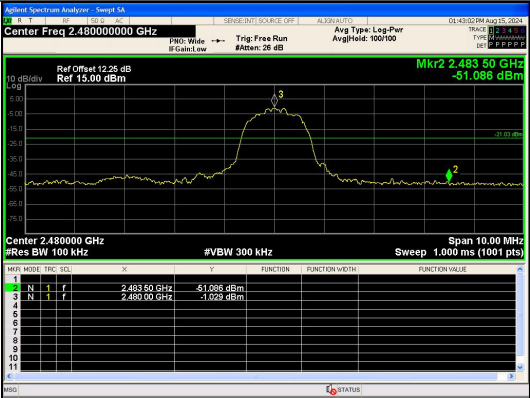
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8DPSK_3-DH5_Channel 0



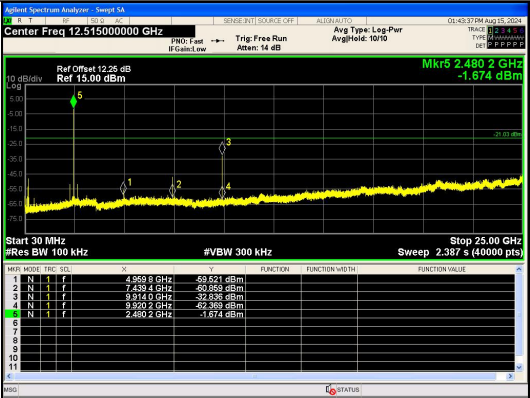
Out Of Band Emission
8DPSK_3-DH5_Channel 39



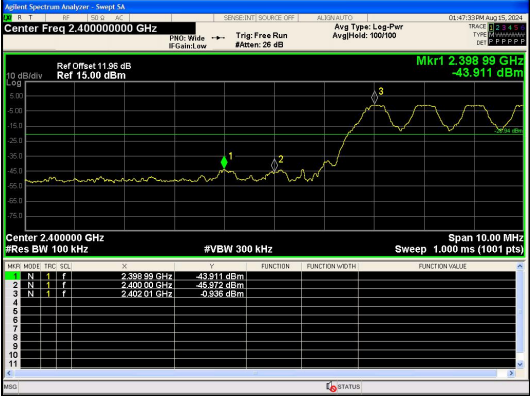
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8DPSK_3-DH5_Channel 39



Out Of Band Emission
8DPSK_3-DH5_Channel 78



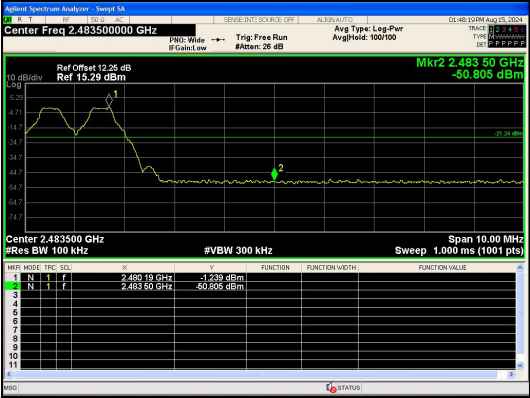
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8DPSK_3-DH5_Channel 78



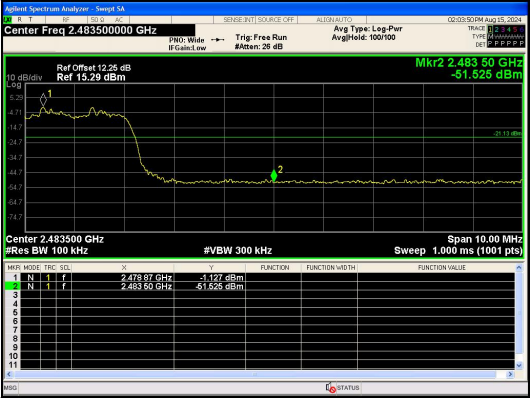
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



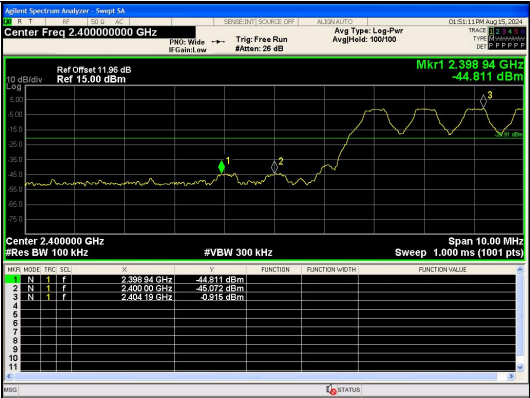
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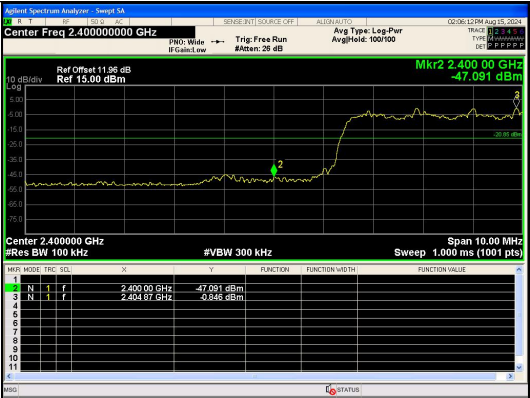
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



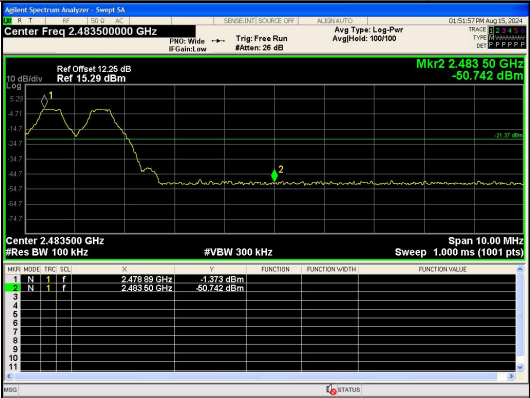
Out Of Band Emission(Right)
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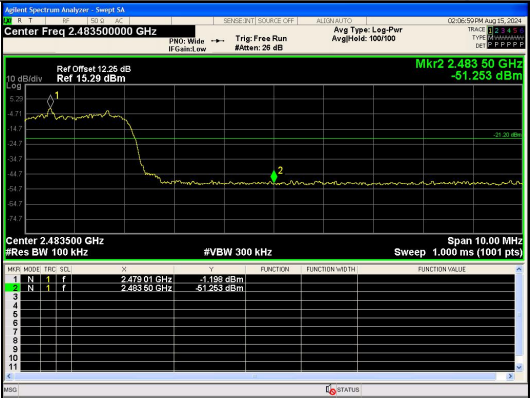
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



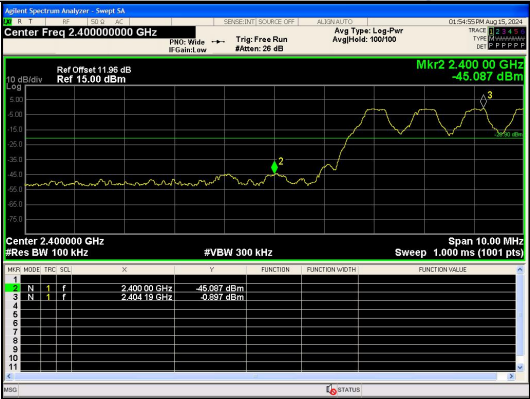
Out Of Band Emission(Left)
pi/4DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



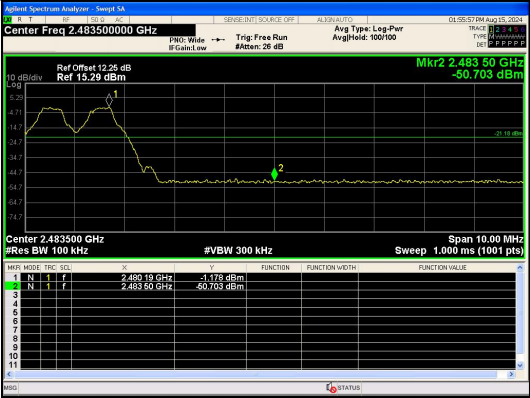
Out Of Band Emission(Right)
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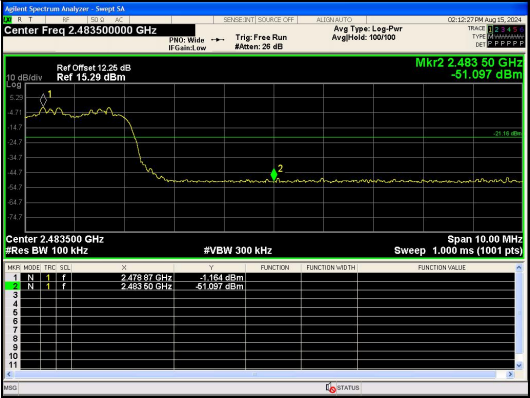
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



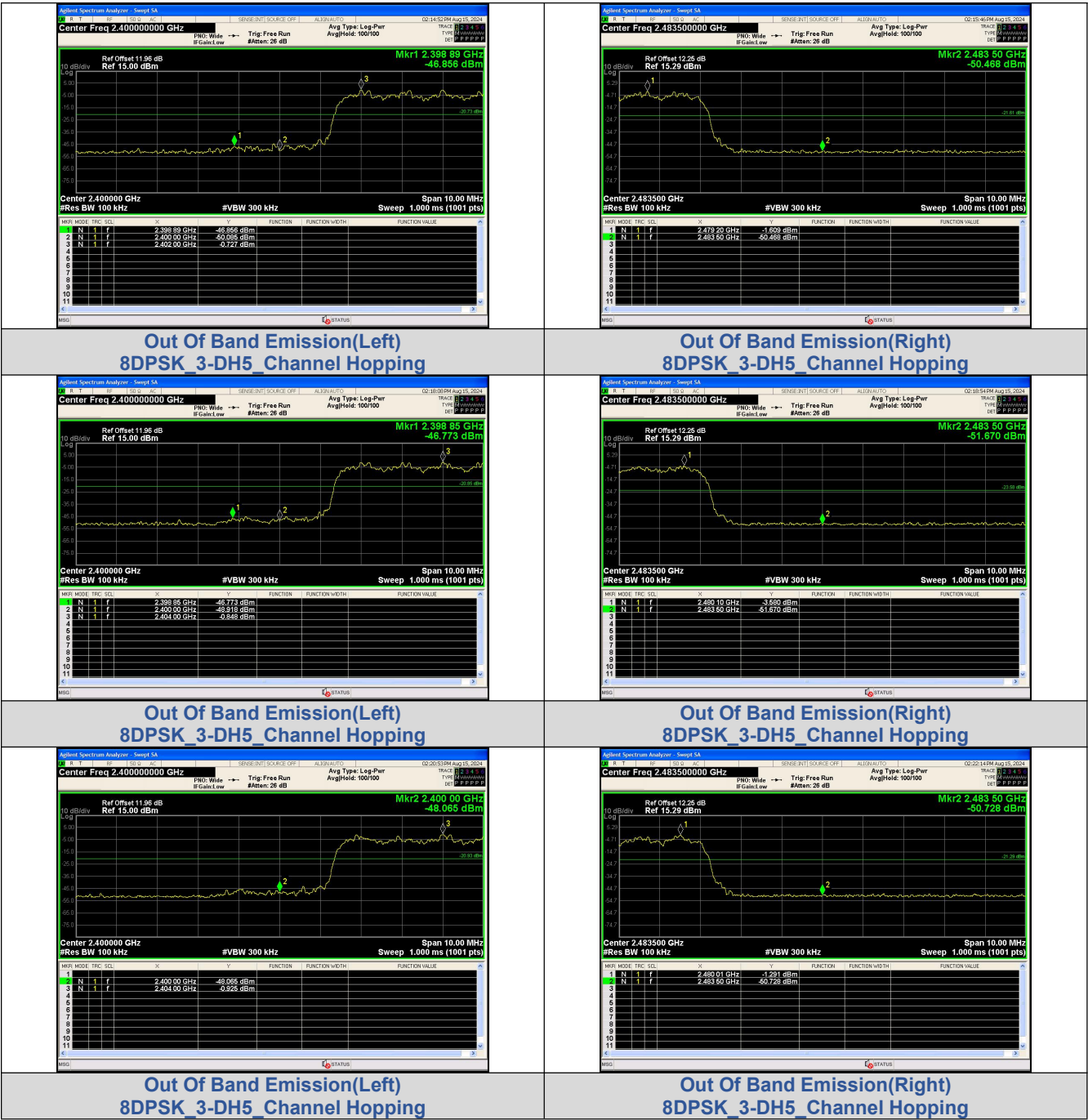
Out Of Band Emission(Left)
pi/4DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



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



***** End of Report *****