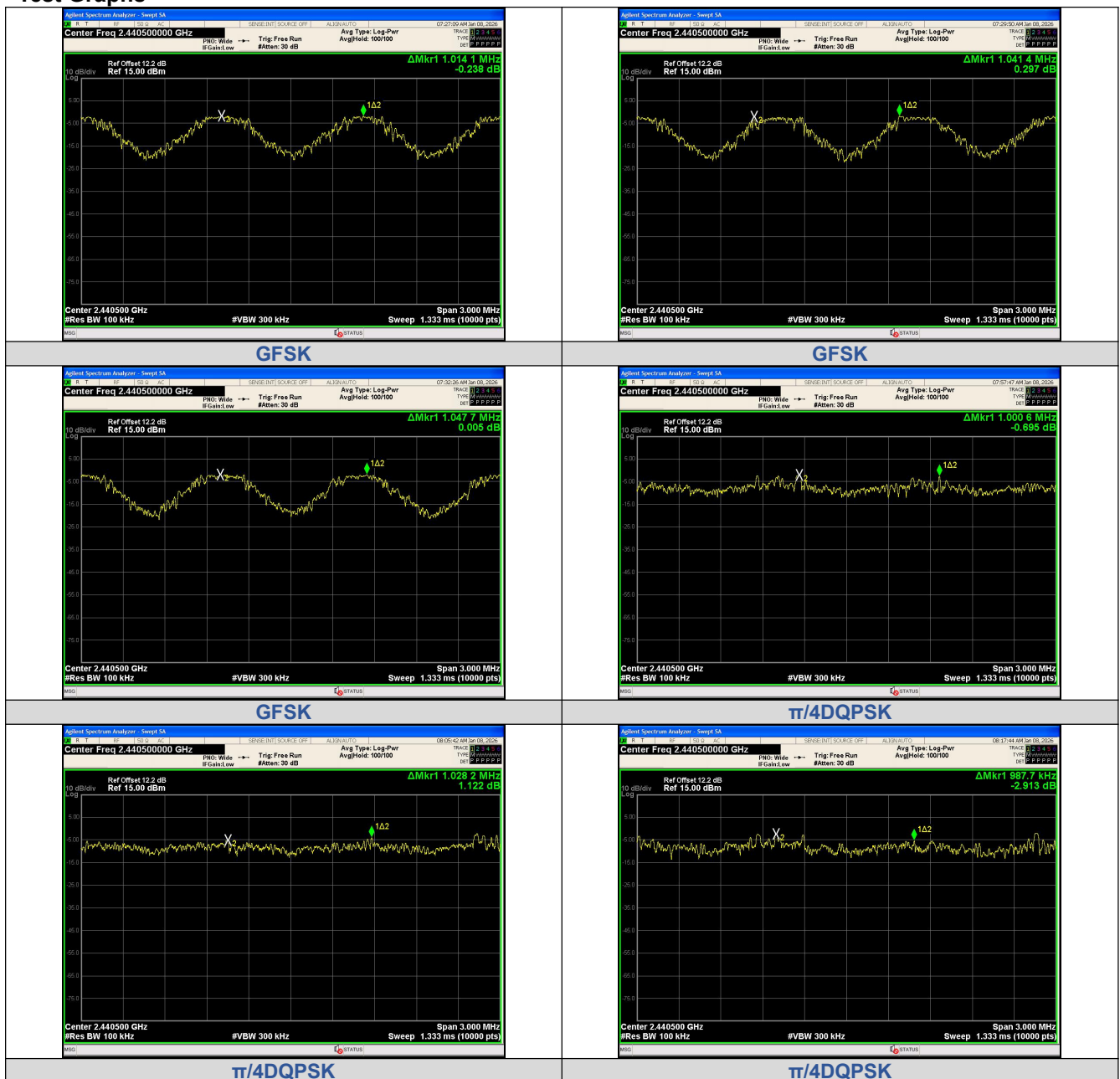


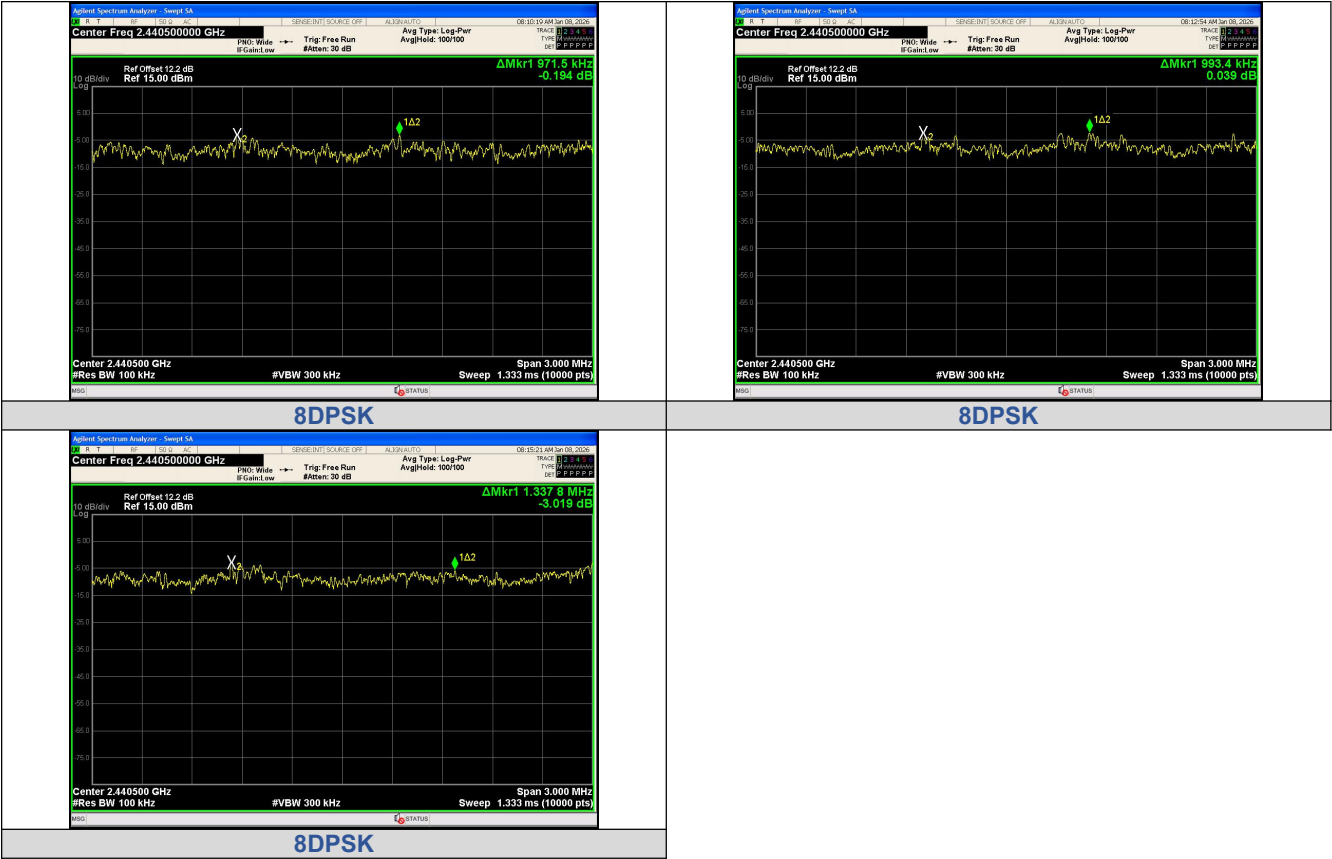
APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.0042	2441.0183	1.0141	0.695	PASS
GFSK	DH5	2439.838	2440.8794	1.0414	0.695	PASS
GFSK	DH5	2439.9961	2441.0438	1.0477	0.695	PASS
$\pi/4$ DQPSK	2-DH5	2440.1623	2441.1629	1.0006	0.89	PASS
$\pi/4$ DQPSK	2-DH5	2440.0501	2441.0783	1.0282	0.89	PASS
$\pi/4$ DQPSK	2-DH5	2439.9958	2440.9835	0.9877	0.89	PASS
8DPSK	3-DH5	2439.871	2440.8425	0.9715	0.869	PASS
8DPSK	3-DH5	2440.0033	2440.9967	0.9934	0.869	PASS
8DPSK	3-DH5	2439.8356	2441.1734	1.3378	0.869	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	2398.23	-49.356	-21.66	-27.696	PASS
			2400.00	-49.682	-21.66	-28.022	PASS
			4804.30	-56.112	-21.66	-34.452	PASS
			7205.80	-49.859	-21.66	-28.199	PASS
			9607.90	-47.569	-21.66	-25.909	PASS
			24970.7	-46.203	-21.66	-24.543	PASS
		39	4882.30	-53.535	-22.04	-31.495	PASS
			7323.11	-52.939	-22.04	-30.899	PASS
			9763.93	-45.906	-22.04	-23.866	PASS
		78	2483.50	-50.551	-21.45	-29.101	PASS
			4960.33	-50.122	-21.45	-28.672	PASS
			7439.85	-50.946	-21.45	-29.496	PASS
			9919.99	-47.234	-21.45	-25.784	PASS
			24880.8	-45.635	-21.45	-24.185	PASS
$\pi/4$ DQPSK	2-DH5	0	2398.91	-49.842	-21.48	-28.362	PASS
			2400.00	-51.993	-21.48	-30.513	PASS
			4804.30	-59.252	-21.48	-37.772	PASS
			7206.40	-54.202	-21.48	-32.722	PASS
			9607.90	-46.426	-21.48	-24.946	PASS
			24916.4	-45.991	-21.48	-24.511	PASS
		39	4882.30	-55.160	-21.94	-33.221	PASS
			7323.11	-53.276	-21.94	-31.336	PASS
			9763.93	-45.849	-21.94	-23.909	PASS
			24892.0	-45.345	-21.94	-23.405	PASS
		78	2483.50	-50.610	-21.48	-29.130	PASS
			4960.33	-53.144	-21.48	-31.664	PASS
			7439.85	-52.836	-21.48	-31.356	PASS
			9919.99	-45.971	-21.48	-24.491	PASS
8DPSK	3-DH5	0	2400.00	-50.358	-21.69	-28.668	PASS
			4804.26	-58.719	-21.69	-37.029	PASS
			7206.38	-53.624	-21.69	-31.934	PASS
			9607.87	-45.919	-21.69	-24.229	PASS
		39	4882.30	-56.153	-21.93	-34.223	PASS
			7322.49	-54.036	-21.93	-32.106	PASS
			9763.93	-44.199	-21.93	-22.269	PASS
		78	2483.50	-52.242	-21.38	-30.862	PASS
			4960.33	-52.987	-21.38	-31.607	PASS
			7439.85	-53.206	-21.38	-31.826	PASS
			9919.99	-43.495	-21.38	-22.115	PASS

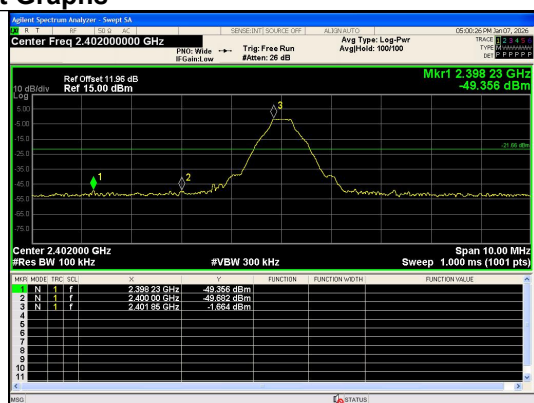
Note: input compensation coefficient (dB)= Cable Loss (dB)

Hopping

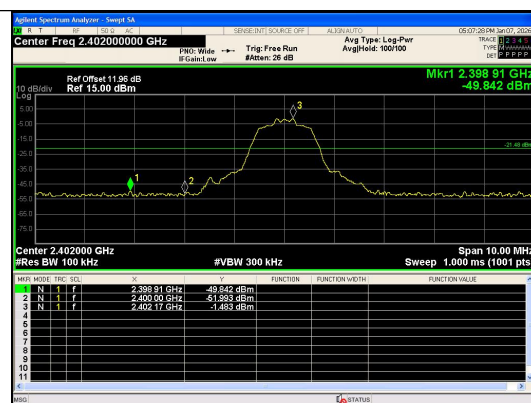
Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2397.79	-49.505	-21.91	-27.595	PASS
			2400.00	-50.762	-21.91	-28.852	PASS
			2483.50	-51.313	-21.65	-29.663	PASS
			2395.08	-50.276	-21.55	-28.726	PASS
			2400.00	-52.215	-21.55	-30.665	PASS
			2483.50	-51.288	-21.32	-29.968	PASS
			2396.19	-50.025	-21.64	-28.385	PASS
			2400.00	-51.553	-21.64	-29.913	PASS
2483.50	-50.841		-21.59	-29.251	PASS		
π/4DQPSK	2-DH5		2396.11	-49.977	-22.47	-27.507	PASS
			2400.00	-51.347	-22.47	-28.877	PASS
			2483.50	-50.451	-21.65	-28.801	PASS
			2395.90	-50.154	-23.03	-27.124	PASS
			2400.00	-51.798	-23.03	-28.768	PASS

			2483.50	-50.718	-24.75	-25.968	PASS
			2398.15	-49.791	-21.77	-28.021	PASS
			2400.00	-51.936	-21.77	-30.166	PASS
			2483.50	-50.547	-21.6	-28.947	PASS
8DPSK	3-DH5		2397.06	-49.348	-21.76	-27.588	PASS
			2400.00	-50.884	-21.76	-29.124	PASS
			2483.50	-51.334	-21.61	-29.724	PASS
			2397.27	-48.896	-21.63	-27.266	PASS
			2400.00	-51.429	-21.63	-29.799	PASS
			2483.50	-51.088	-23.01	-28.078	PASS
			2397.89	-50.199	-21.66	-28.539	PASS
			2400.00	-51.517	-21.66	-29.857	PASS
			2483.50	-51.695	-22.39	-29.305	PASS
Note: input compensation coefficient (dB)= Cable Loss (dB)							

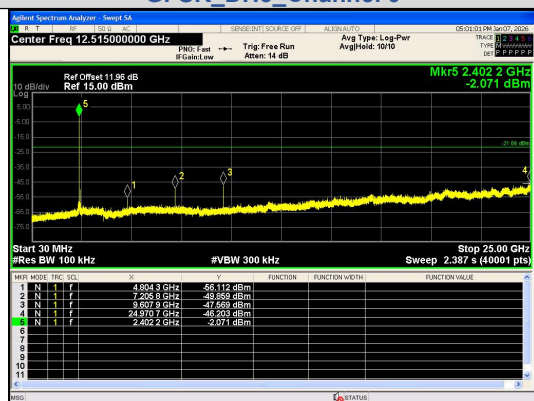
Test Graphs



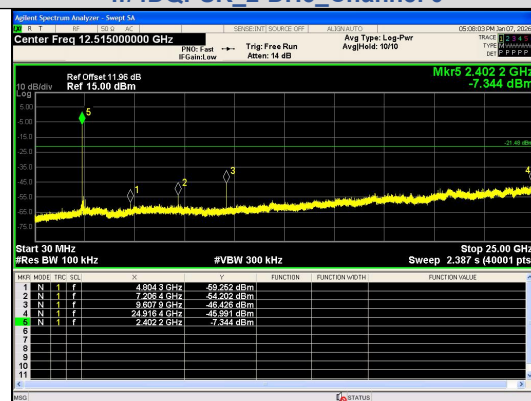
Out Of Band Emission GFSK DH5 Channel 0



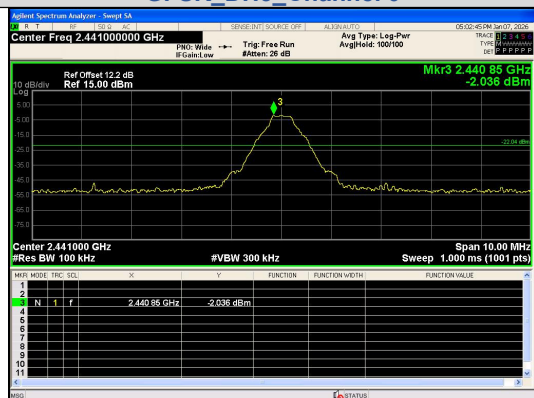
Out Of Band Emission



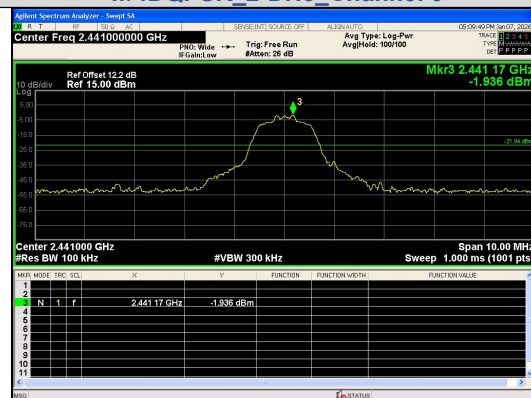
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GFSK DH5 Channel 0



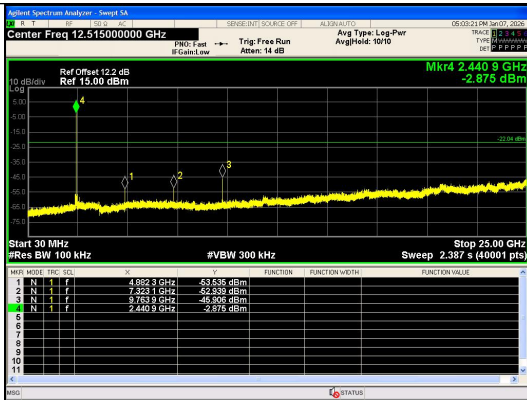
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4DQPSK 2-DH5 Channel 0



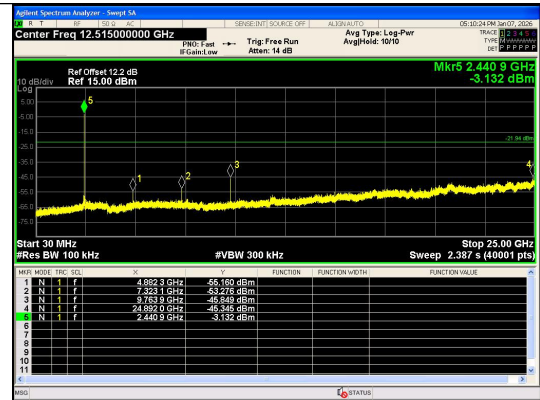
Out Of Band Emission GFSK DH5 Channel 39



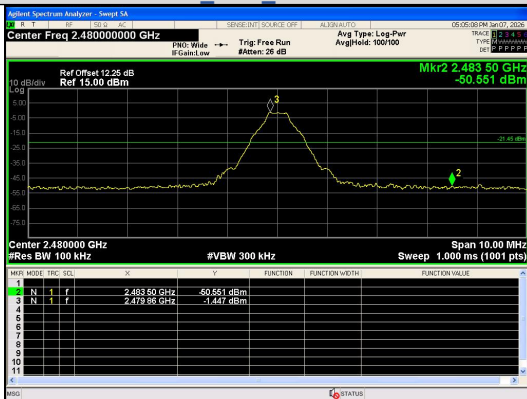
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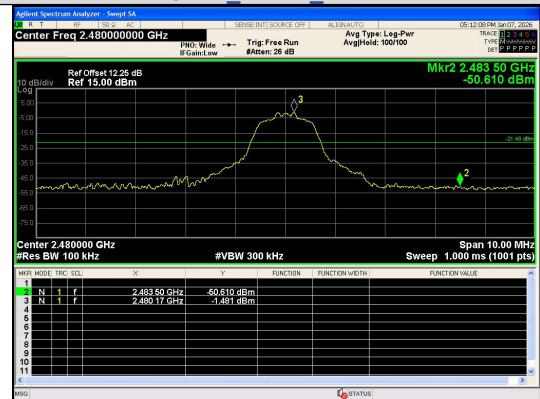
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GFSK_DH5_Channel 39



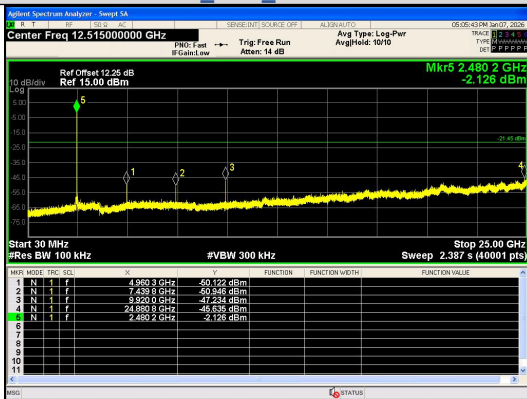
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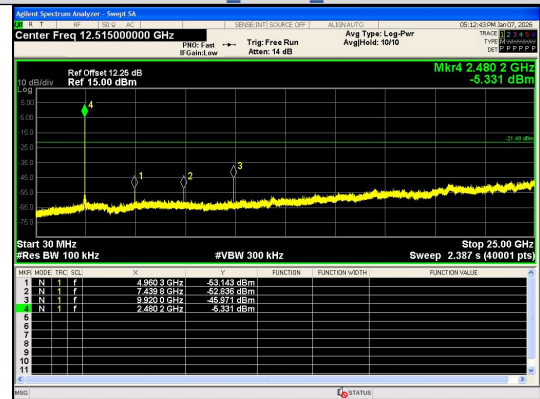
Out Of Band Emission
GFSK_DH5_Channel 78



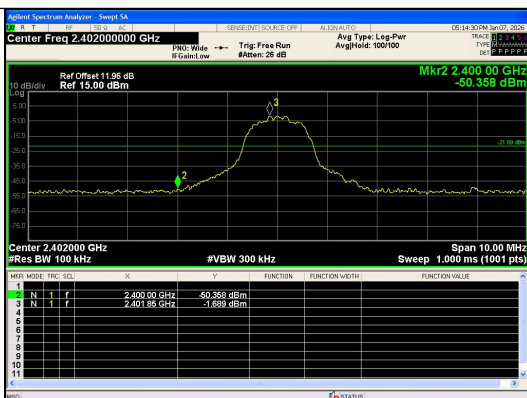
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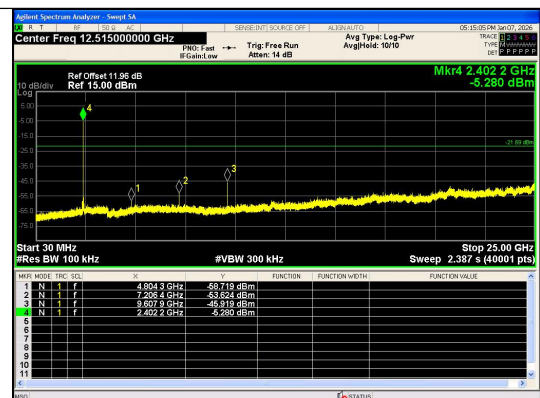
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GFSK_DH5_Channel 78



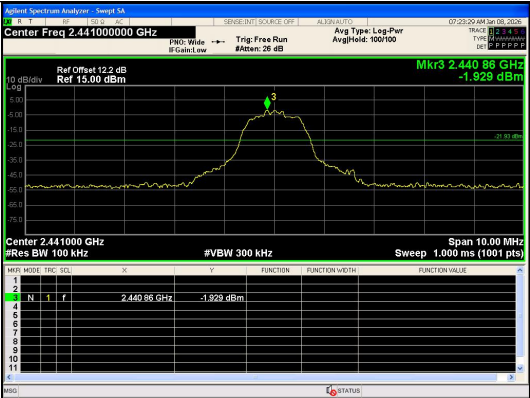
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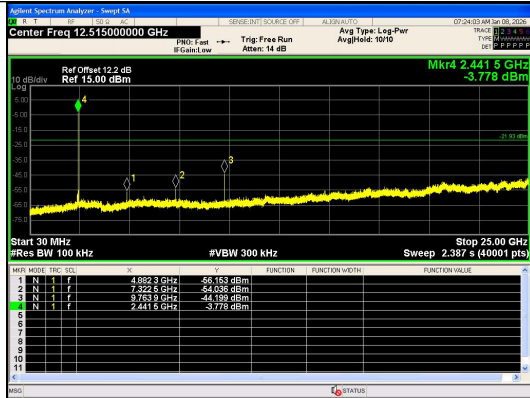
Out Of Band Emission
8DPSK_3-DH5_Channel 0



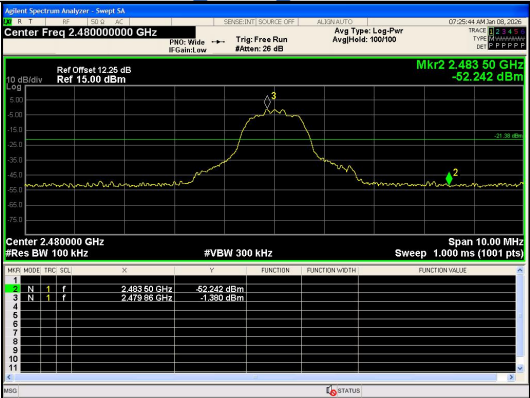
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8DPSK_3-DH5_Channel 0



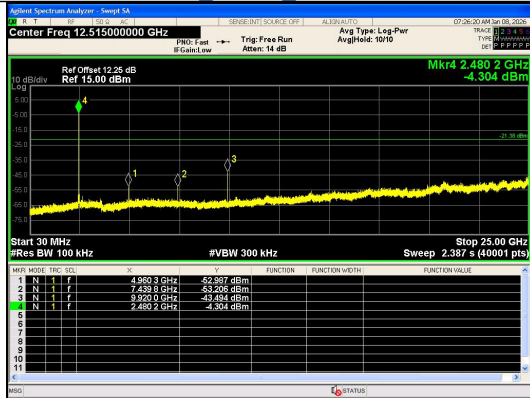
Out Of Band Emission
8DPSK_3-DH5_Channel 39



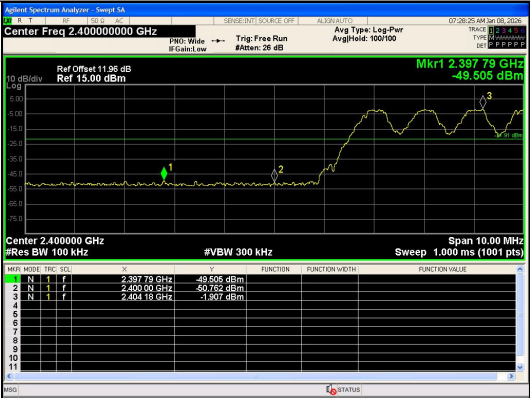
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8DPSK_3-DH5_Channel 39



Out Of Band Emission
8DPSK_3-DH5_Channel 78



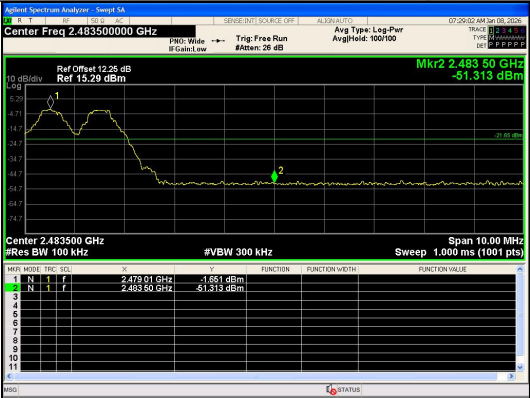
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8DPSK_3-DH5_Channel 78



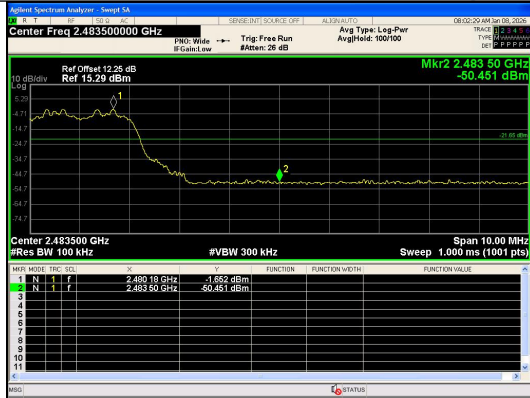
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



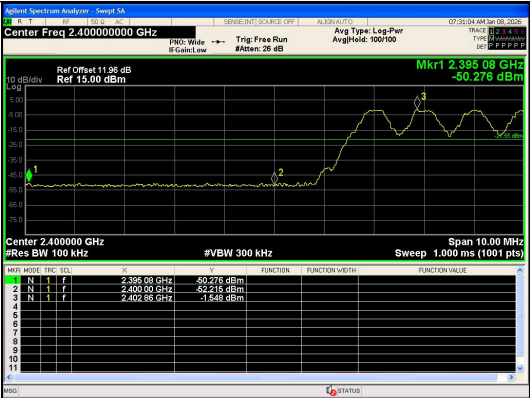
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



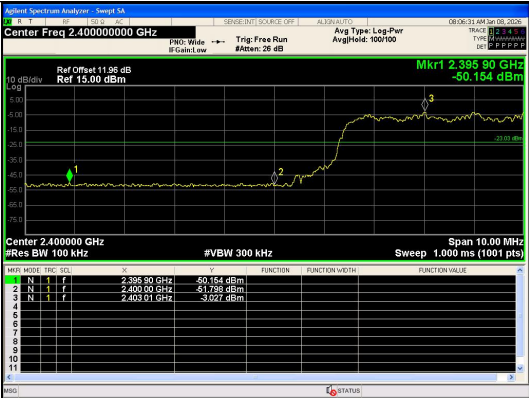
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



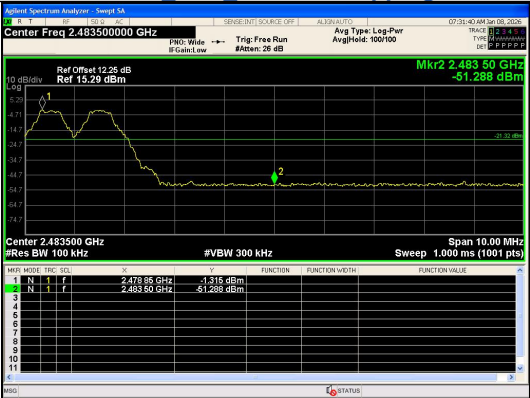
Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



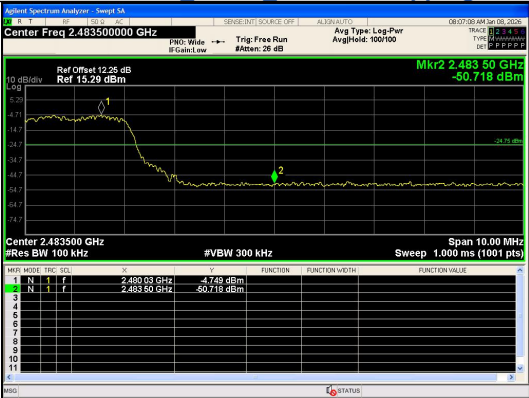
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



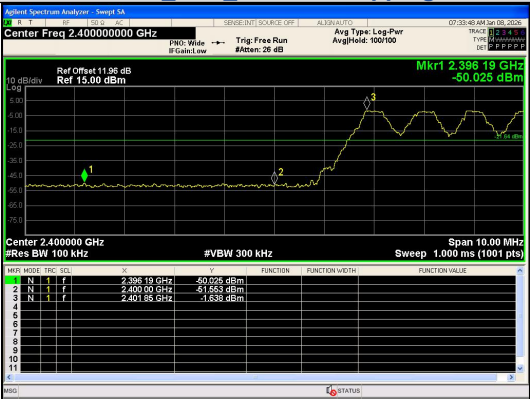
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



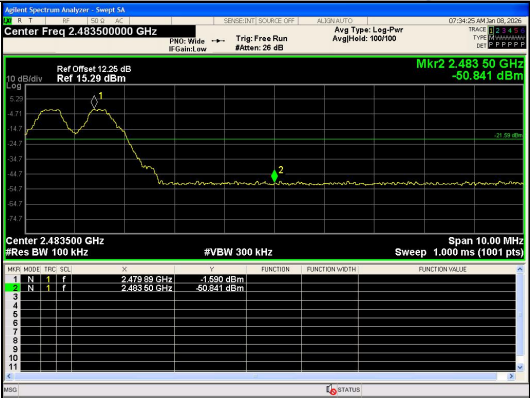
Out Of Band Emission(Right)
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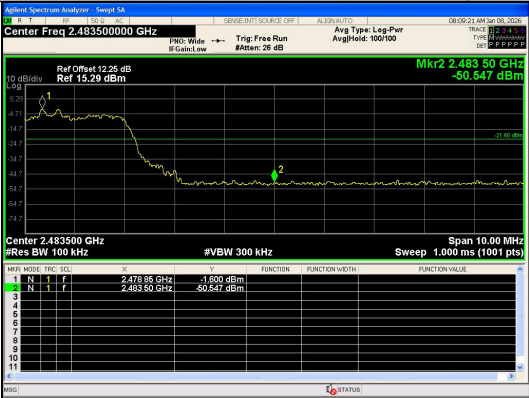
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



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