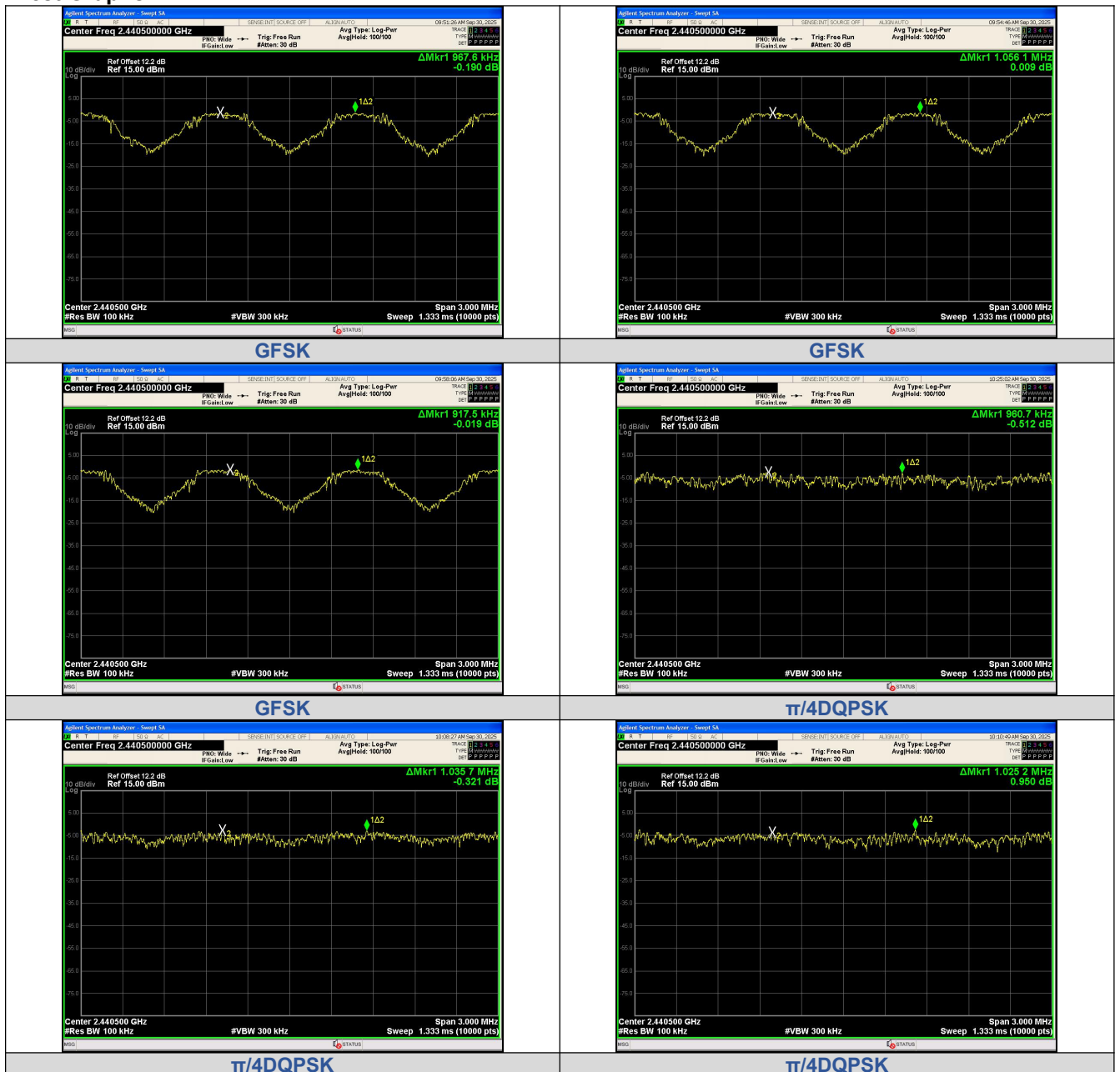


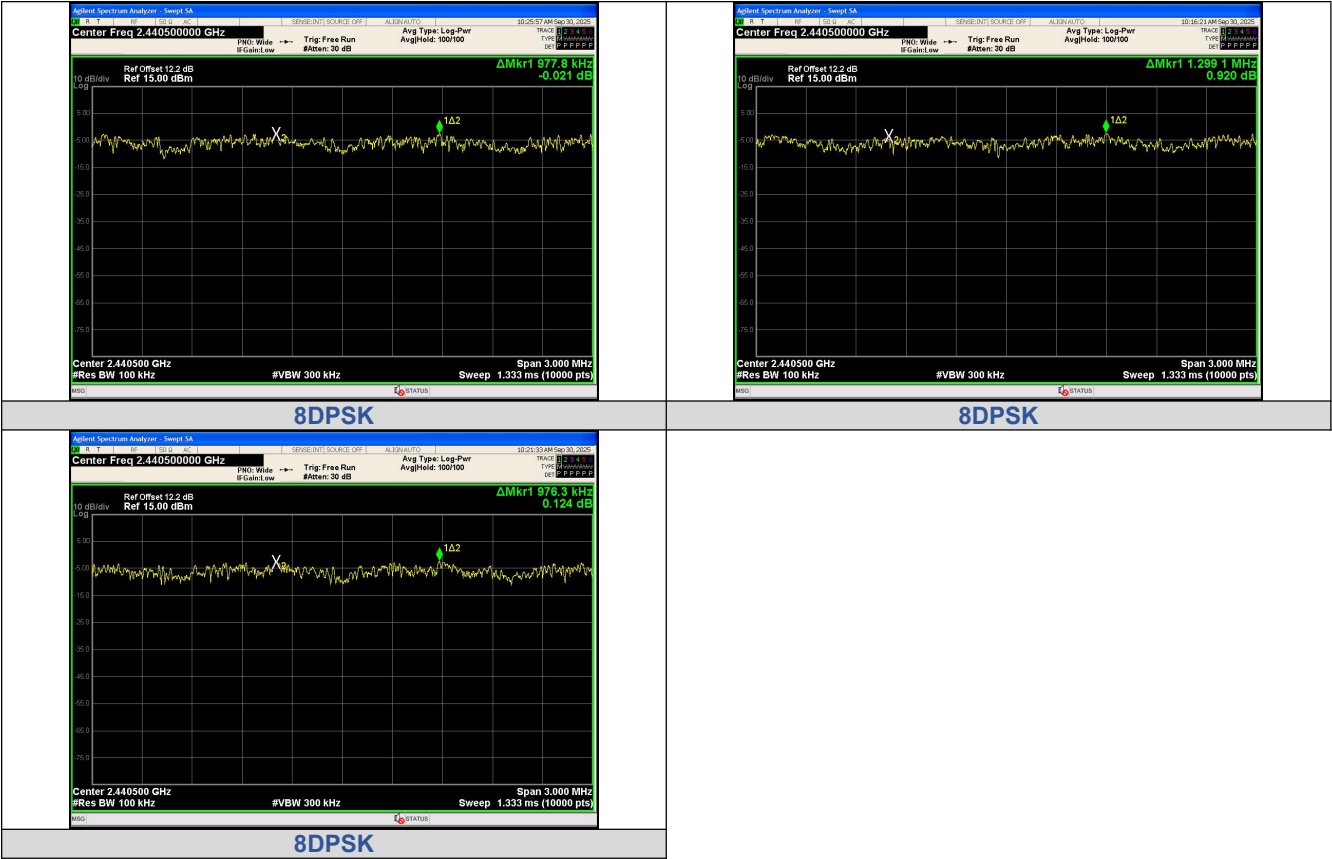
APPENDIX IV. Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.0012	2440.9688	0.9676	0.687	PASS
GFSK	DH5	2439.9931	2441.0492	1.0561	0.687	PASS
GFSK	DH5	2440.0717	2440.9892	0.9175	0.687	PASS
$\pi/4$ DQPSK	2-DH5	2439.9616	2440.9223	0.9607	0.907	PASS
$\pi/4$ DQPSK	2-DH5	2440.0177	2441.0534	1.0357	0.907	PASS
$\pi/4$ DQPSK	2-DH5	2439.9907	2441.0159	1.0252	0.907	PASS
8DPSK	3-DH5	2440.1044	2441.0822	0.9778	0.893	PASS
8DPSK	3-DH5	2439.796	2441.0951	1.2991	0.893	PASS
8DPSK	3-DH5	2440.1032	2441.0795	0.9763	0.893	PASS

Test Graphs





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

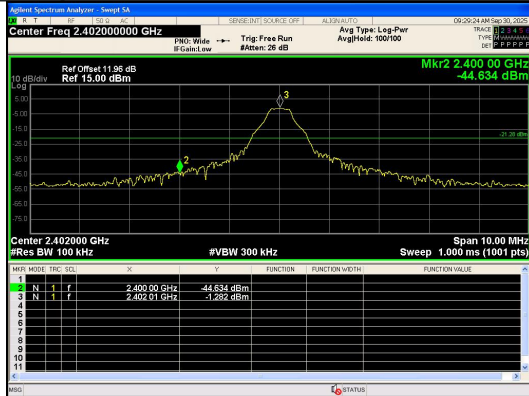
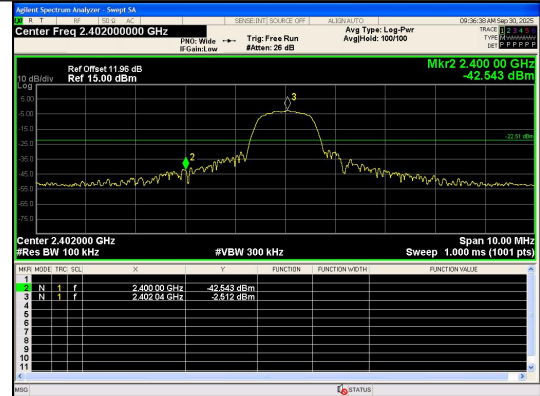
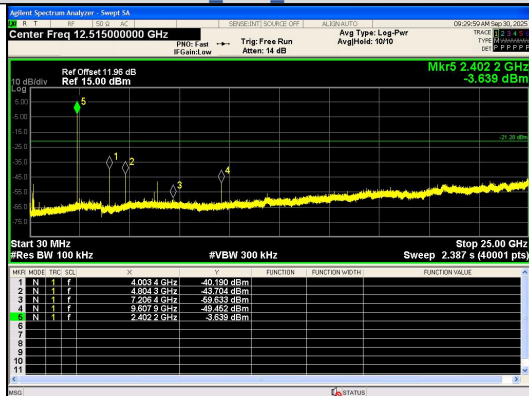
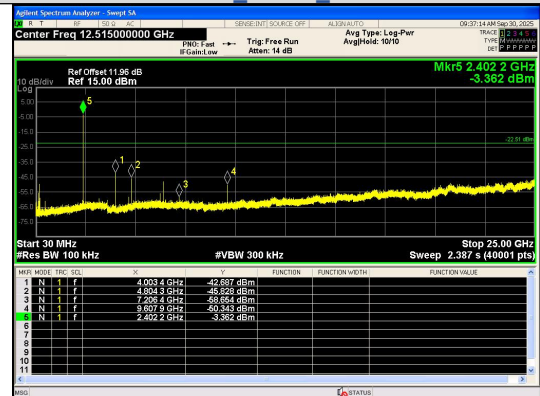
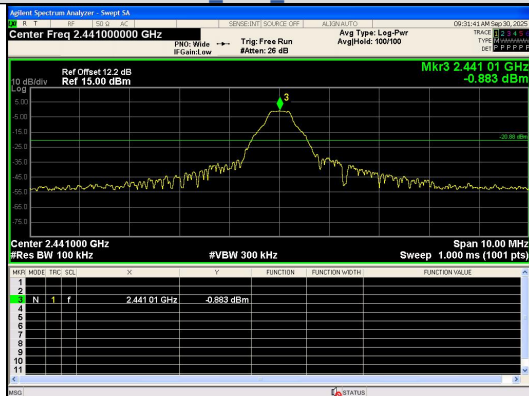
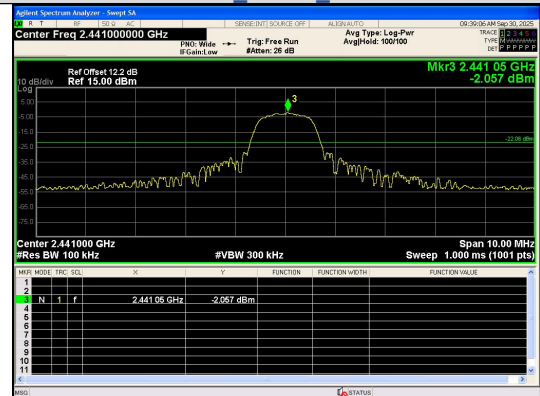
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-44.634	-21.28	-23.354	PASS
			4003.35	-40.190	-21.28	-18.910	PASS
			4804.26	-43.704	-21.28	-22.424	PASS
			7206.38	-59.633	-21.28	-38.353	PASS
			9607.87	-49.452	-21.28	-28.172	PASS
		39	4068.27	-41.851	-20.88	-20.971	PASS
			4881.67	-41.927	-20.88	-21.047	PASS
			7323.11	-56.494	-20.88	-35.614	PASS
			9763.93	-49.639	-20.88	-28.759	PASS
		78	2483.50	-50.351	-20.94	-29.411	PASS
			4133.20	-42.415	-20.94	-21.475	PASS
			4959.70	-44.318	-20.94	-23.378	PASS
			7439.85	-54.906	-20.94	-33.966	PASS
			9919.99	-50.001	-20.94	-29.061	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-42.543	-22.51	-20.033	PASS
			4003.35	-42.688	-22.51	-20.177	PASS
			4804.26	-45.828	-22.51	-23.318	PASS
			7206.38	-58.654	-22.51	-36.144	PASS
			9607.87	-50.343	-22.51	-27.833	PASS
		39	4882.30	-43.343	-22.06	-21.283	PASS
			7323.11	-56.991	-22.06	-34.931	PASS
			9763.93	-48.685	-22.06	-26.625	PASS
		78	2483.50	-51.243	-22.15	-29.093	PASS
			4960.33	-44.151	-22.15	-22.001	PASS
			7439.85	-57.216	-22.15	-35.066	PASS
			9919.99	-50.710	-22.15	-28.560	PASS
8DPSK	3-DH5	0	2400.00	-41.877	-22.3	-19.577	PASS
			4003.35	-42.163	-22.3	-19.863	PASS
			4804.26	-45.002	-22.3	-22.702	PASS
			7205.75	-57.460	-22.3	-35.160	PASS
			9607.87	-49.876	-22.3	-27.576	PASS
		39	4068.27	-43.612	-21.92	-21.692	PASS
			4881.67	-43.752	-21.92	-21.831	PASS
			7323.11	-58.737	-21.92	-36.817	PASS
			9763.93	-49.632	-21.92	-27.712	PASS
		78	2483.50	-50.624	-21.95	-28.674	PASS
			4960.33	-43.054	-21.95	-21.104	PASS
			7440.47	-56.714	-21.95	-34.764	PASS
			9919.99	-50.969	-21.95	-29.019	PASS

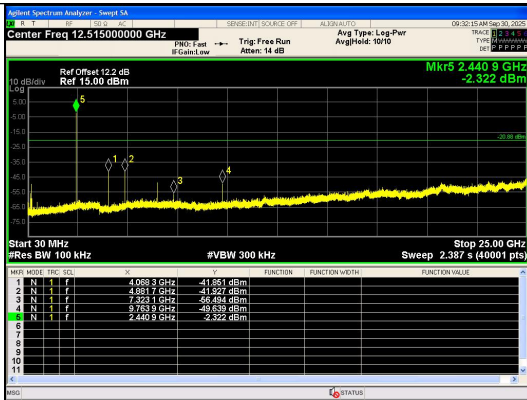
Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2397.05	-49.774	-21.34	-28.434	PASS
			2400.00	-51.952	-21.34	-30.612	PASS
			2483.50	-50.997	-20.9	-30.097	PASS
			2395.70	-50.131	-21.33	-28.801	PASS
			2400.00	-52.121	-21.33	-30.791	PASS
			2483.50	-51.240	-20.76	-30.480	PASS
			2398.21	-50.403	-21.2	-29.203	PASS
			2400.00	-51.444	-21.2	-30.244	PASS
			2483.50	-50.177	-21.0	-29.177	PASS
π/4DQPSK	2-DH5		2398.97	-47.749	-22.57	-25.179	PASS
			2400.00	-50.380	-22.57	-27.810	PASS
			2483.50	-50.321	-22.83	-27.491	PASS
			2397.07	-50.005	-22.59	-27.415	PASS
			2400.00	-52.266	-22.59	-29.676	PASS
			2483.50	-51.011	-22.29	-28.721	PASS

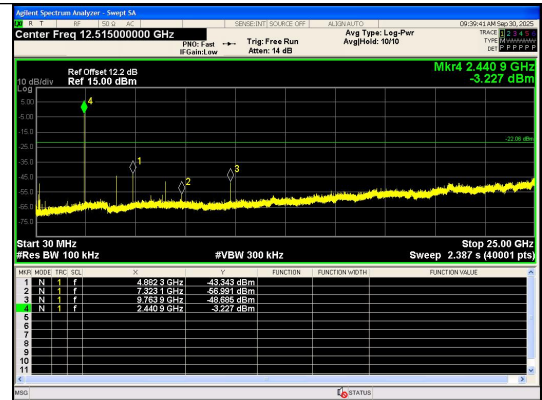
8DPSK	3-DH5	2396.87	-50.024	-22.46	-27.564	PASS
		2400.00	-51.642	-22.46	-29.182	PASS
		2483.50	-50.932	-22.53	-28.402	PASS
		2400.00	-48.341	-22.35	-25.991	PASS
		2483.50	-51.396	-22.39	-29.006	PASS
		2400.00	-41.973	-22.39	-19.583	PASS
		2483.50	-50.816	-21.91	-28.906	PASS
		2398.10	-47.984	-22.5	-25.484	PASS
		2400.00	-51.419	-22.5	-28.919	PASS
		2483.50	-51.211	-22.1	-29.111	PASS

Test Graphs

Out Of Band Emission
GFSK_DH5_Channel 0Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 030.0 MHz - 25000.0 MHz
GFSK_DH5_Channel 030.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH5_Channel 0Out Of Band Emission
GFSK_DH5_Channel 39Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39



30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 39



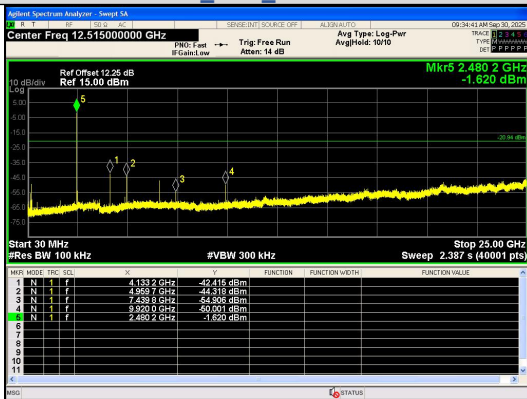
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 39



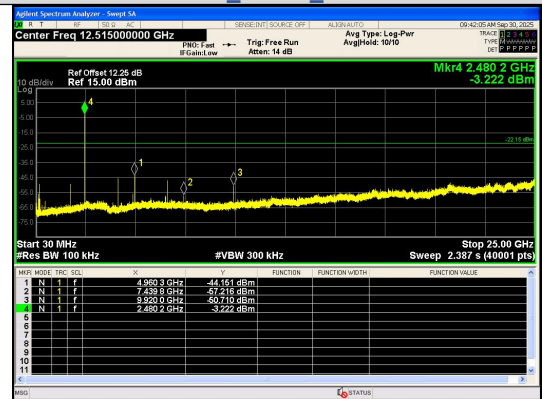
Out Of Band Emission
GFSK DH5 Channel 78



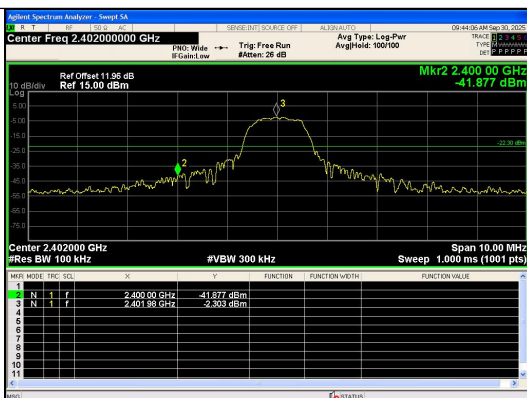
Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 78



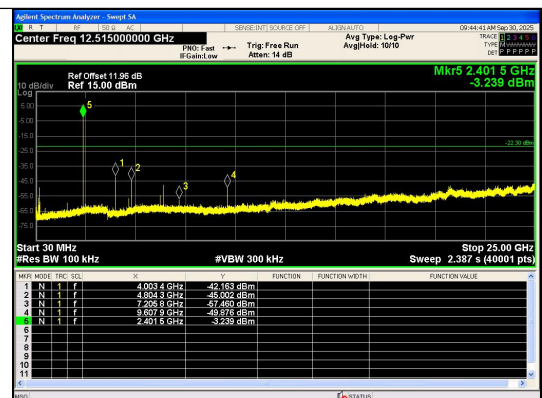
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 78



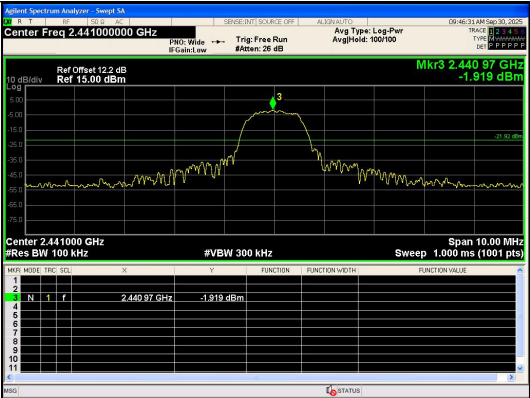
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 $\pi/4$ DQPSK 2-DH5 Channel 78



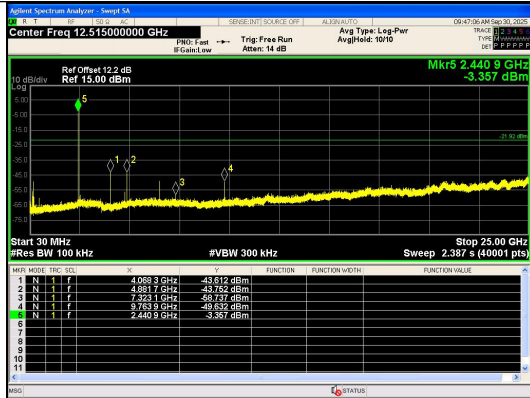
Out Of Band Emission
8DPSK 3-DH5 Channel 0



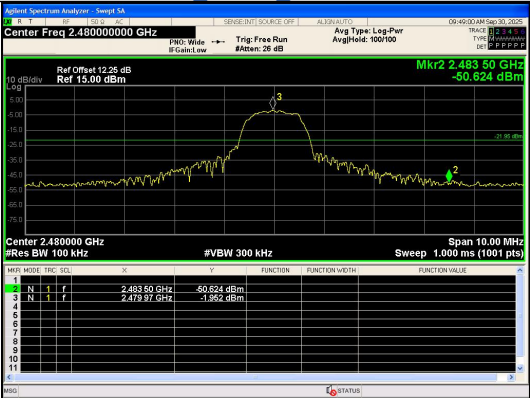
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8DPSK 3-DH5 Channel 0



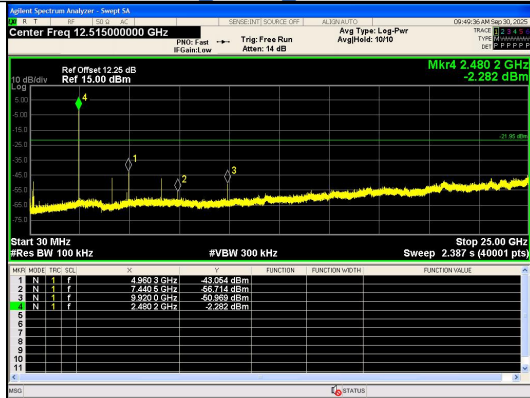
Out Of Band Emission
8DPSK_3-DH5_Channel 39



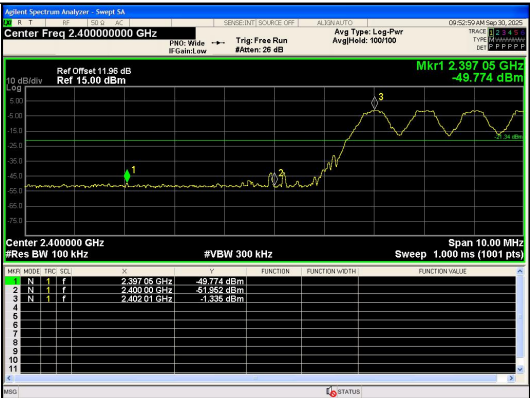
30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39



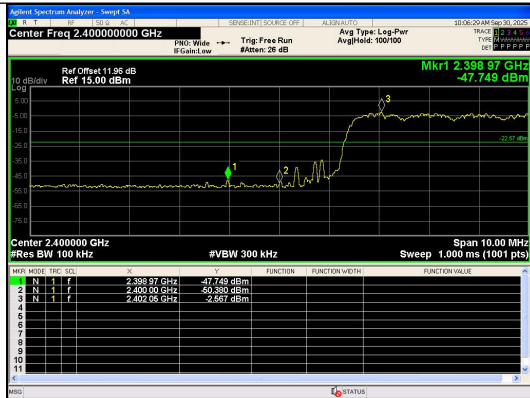
Out Of Band Emission
8DPSK_3-DH5_Channel 78



30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78



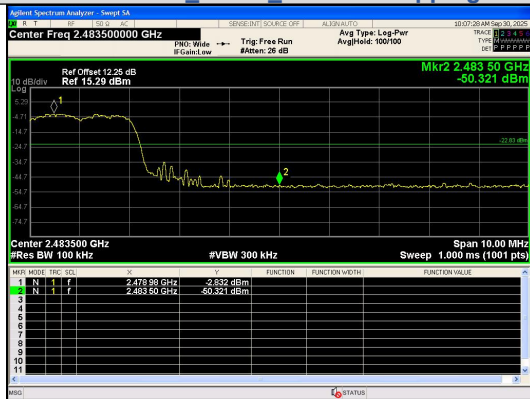
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



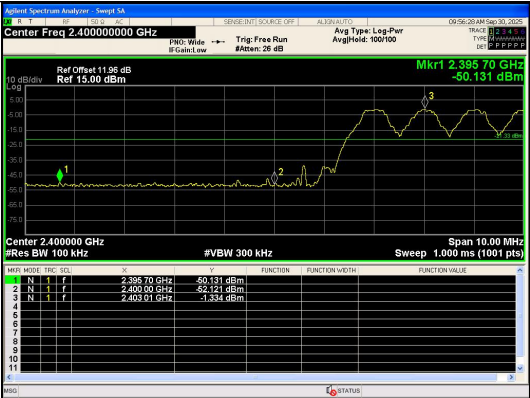
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



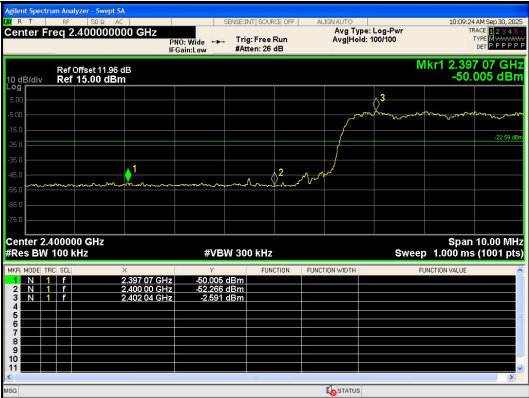
Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



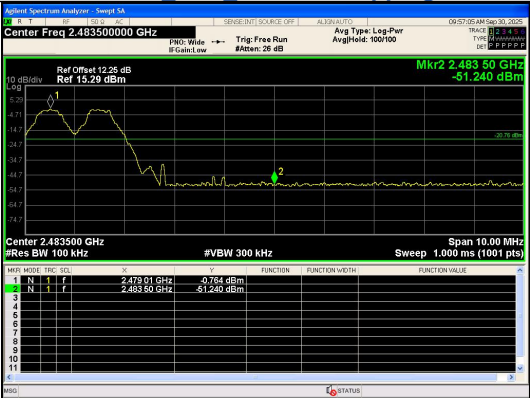
Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



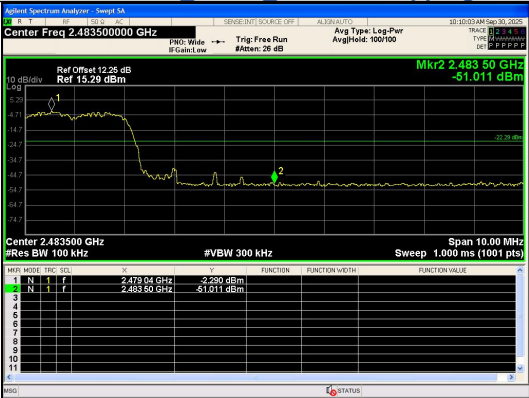
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



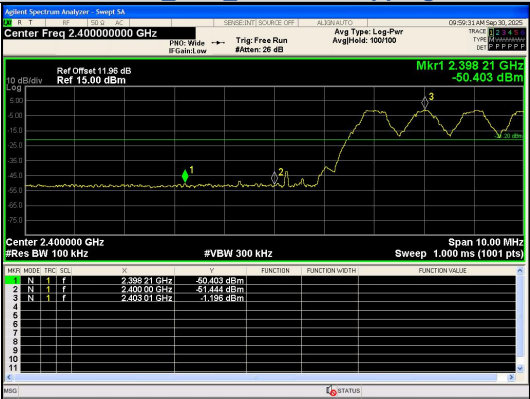
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



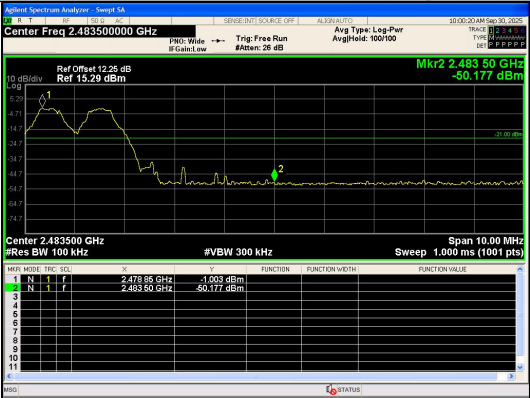
Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



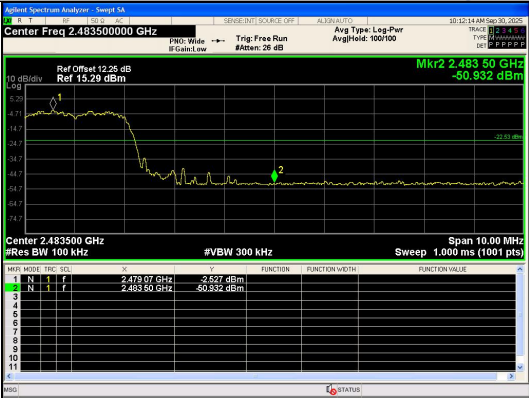
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



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