

8DPSK



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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	2398.86	-43.531	-20.66	-22.871	PASS
			2400.00	-50.254	-20.66	-29.594	PASS
			4803.80	-56.797	-20.66	-36.137	PASS
			7206.60	-61.326	-20.66	-40.666	PASS
			9601.90	-33.393	-20.66	-12.733	PASS
			9607.50	-63.211	-20.66	-42.551	PASS
		39	4881.79	-56.566	-20.67	-35.896	PASS
			7323.30	-61.238	-20.67	-40.568	PASS
			9757.93	-33.718	-20.67	-13.048	PASS
		78	9764.17	-62.268	-20.67	-41.598	PASS
			2483.50	-50.101	-21.04	-29.061	PASS
			4959.83	-55.416	-21.04	-34.376	PASS
			7440.03	-59.600	-21.04	-38.560	PASS
			9914.00	-34.307	-21.04	-13.267	PASS
			9920.86	-63.391	-21.04	-42.351	PASS
$\pi/4$ DQPSK	2-DH5	0	2399.00	-43.985	-22.23	-21.755	PASS
			2400.00	-51.241	-22.23	-29.011	PASS
			4804.40	-58.550	-22.23	-36.320	PASS
			7206.60	-62.392	-22.23	-40.162	PASS
			9601.90	-33.485	-22.23	-11.255	PASS
			9607.50	-63.300	-22.23	-41.070	PASS
		39	4881.17	-58.098	-20.51	-37.588	PASS
			7322.67	-61.982	-20.51	-41.472	PASS
			9757.93	-33.800	-20.51	-13.290	PASS
		78	9764.80	-63.695	-20.51	-43.185	PASS
			2483.50	-50.542	-21.18	-29.362	PASS
			4960.45	-60.221	-21.18	-39.041	PASS
			7440.66	-62.470	-21.18	-41.290	PASS
			9914.00	-34.525	-21.18	-13.345	PASS
			9920.24	-63.587	-21.18	-42.407	PASS
8DPSK	3-DH5	0	2399.00	-44.193	-20.73	-23.463	PASS
			2400.00	-47.601	-20.73	-26.871	PASS
			4803.80	-59.396	-20.73	-38.666	PASS
			7205.90	-61.931	-20.73	-41.201	PASS
			9601.90	-33.718	-20.73	-12.988	PASS
			9608.70	-64.410	-20.73	-43.680	PASS
		39	4882.42	-58.466	-20.5	-37.966	PASS
			7322.67	-61.618	-20.5	-41.118	PASS
			9757.93	-33.827	-20.5	-13.327	PASS
		78	9764.80	-63.130	-20.5	-42.630	PASS
			2483.50	-50.939	-21.02	-29.919	PASS
			4959.83	-58.449	-21.02	-37.429	PASS
			7440.03	-62.443	-21.02	-41.423	PASS
			9914.00	-34.669	-21.02	-13.649	PASS
			9919.62	-64.158	-21.02	-43.138	PASS

Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2400.00	-44.302	-20.84	-23.462	PASS
			2483.50	-49.920	-21.13	-28.790	PASS
			2398.96	-44.401	-20.74	-23.661	PASS
			2400.00	-44.890	-20.74	-24.150	PASS
			2483.50	-50.276	-21.35	-28.926	PASS
			2400.00	-43.872	-20.79	-23.082	PASS
			2483.50	-51.060	-21.32	-29.740	PASS
$\pi/4$ DQPSK	2-DH5	Hopping	2400.00	-46.192	-20.59	-25.602	PASS
			2483.50	-50.493	-21.11	-29.383	PASS

8DPSK	3-DH5	2398.99	-45.323	-20.63	-24.693	PASS
		2400.00	-47.931	-20.63	-27.301	PASS
		2483.50	-50.551	-21.08	-29.471	PASS
		2398.96	-46.163	-20.95	-25.213	PASS
		2400.00	-47.432	-20.95	-26.482	PASS
		2483.50	-51.120	-21.29	-29.830	PASS
		2400.00	-45.225	-20.84	-24.385	PASS
		2483.50	-51.296	-21.72	-29.576	PASS
		2398.86	-47.007	-20.99	-26.017	PASS
		2400.00	-47.143	-20.99	-26.153	PASS
		2483.50	-50.757	-21.13	-29.627	PASS
		2400.00	-43.156	-21.08	-22.076	PASS
2483.50	-50.749	-21.16	-29.589	PASS		

Test Graphs

**Out Of Band Emission
GFSK DH5 Channel 0**

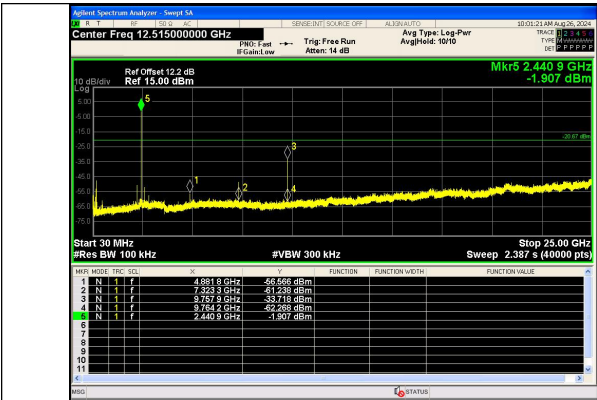
**Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 0**

**30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 0**

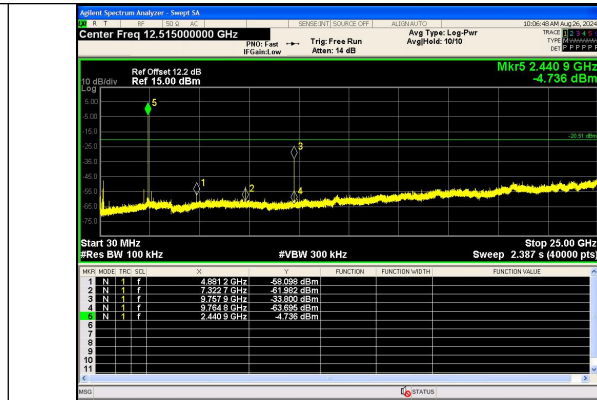
**30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 0**

**Out Of Band Emission
GFSK DH5 Channel 39**

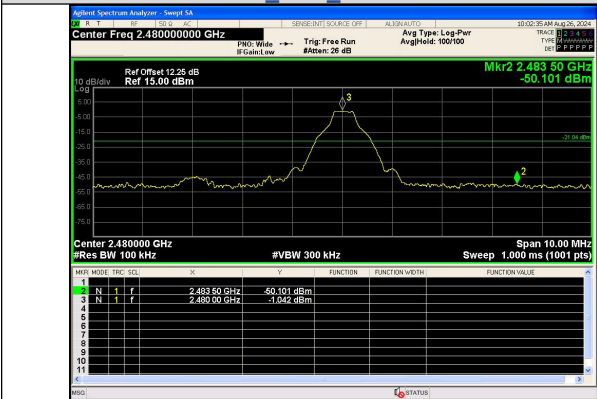
**Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 39**



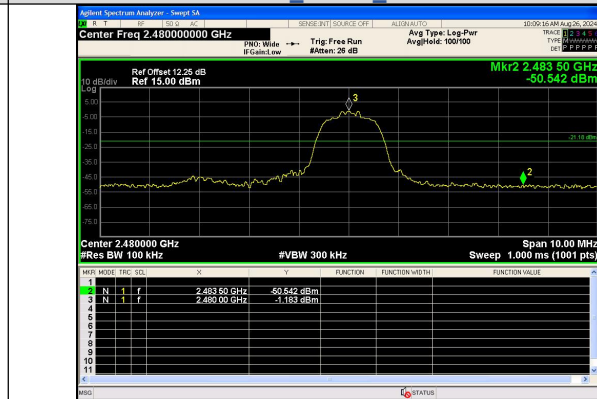
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 39



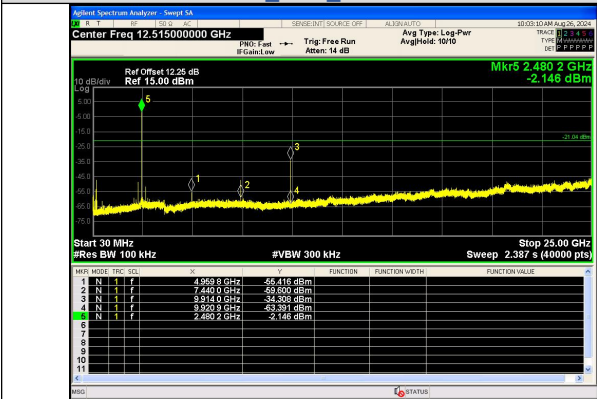
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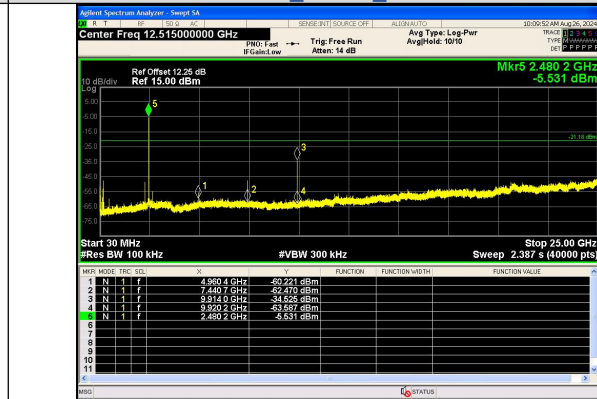
Out Of Band Emission
GFSK DH5 Channel 78



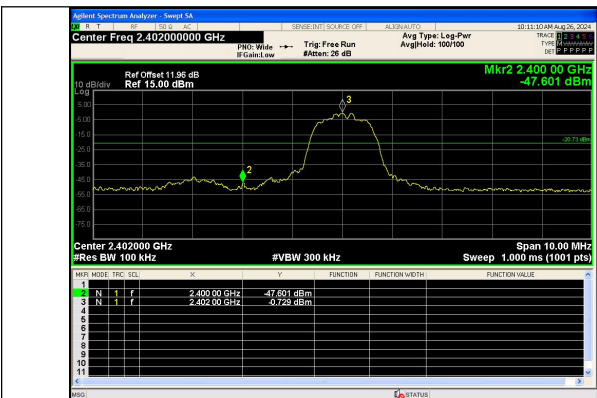
Out Of Band Emission
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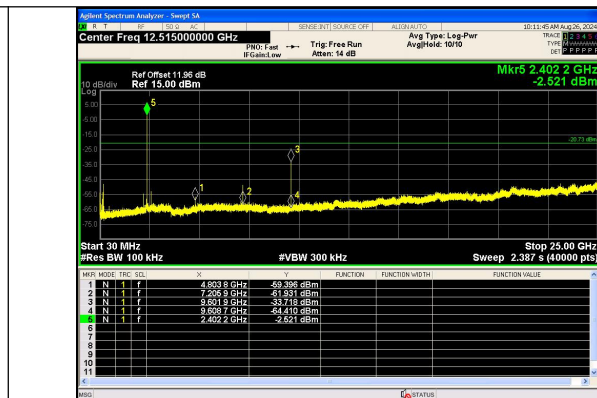
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 78



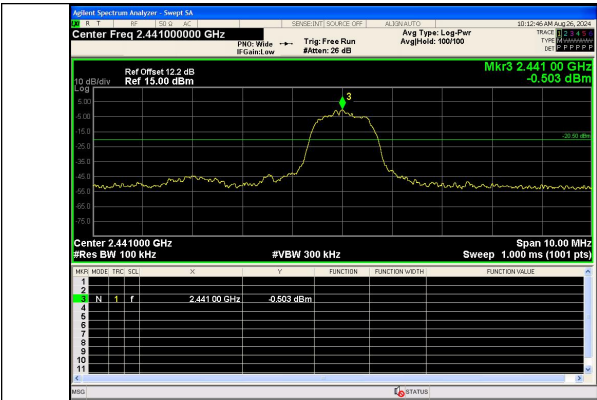
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 78



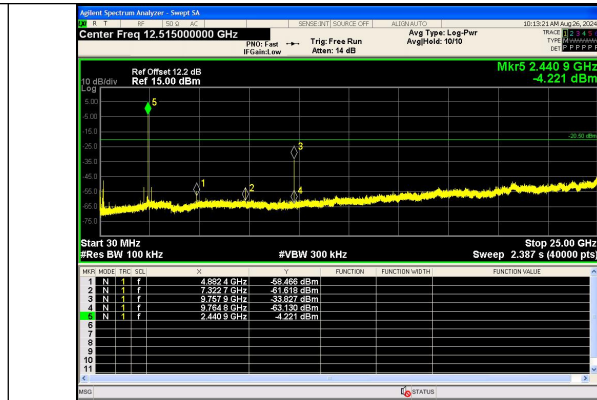
Out Of Band Emission
8DPSK 3-DH5 Channel 0



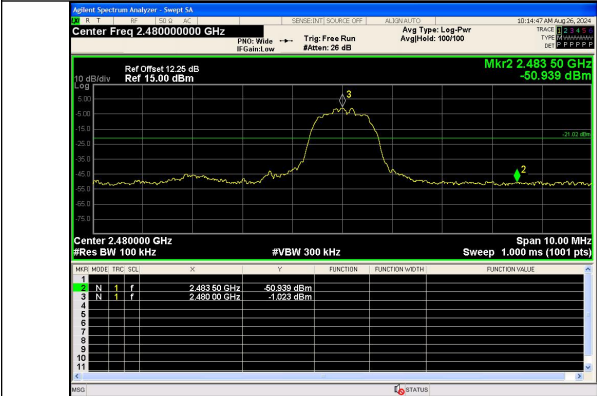
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8DPSK 3-DH5 Channel 0



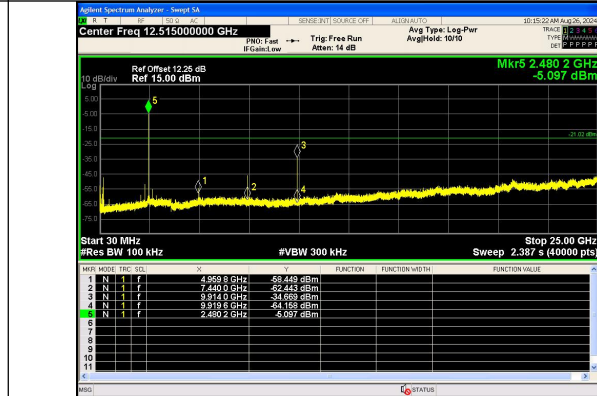
Out Of Band Emission
8PSK 3-DH5 Channel 39



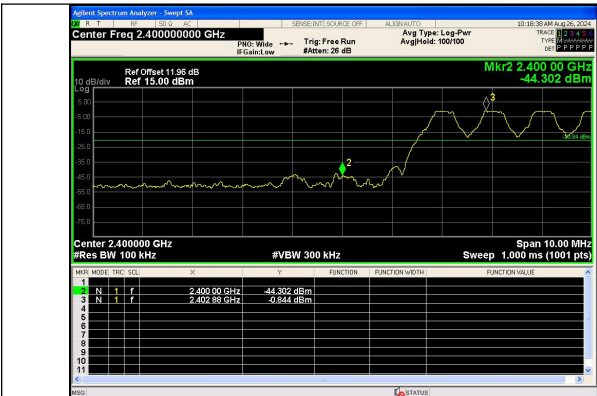
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8PSK 3-DH5 Channel 39



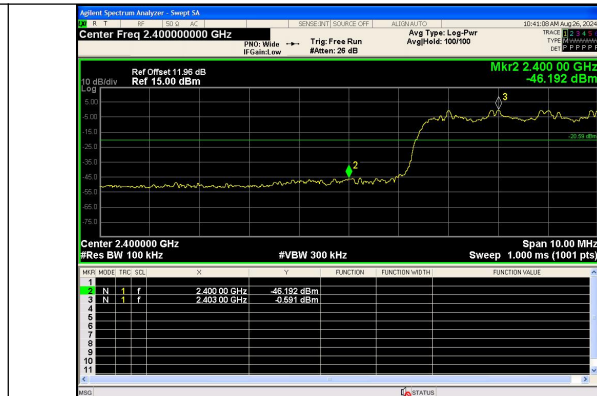
Out Of Band Emission
8PSK 3-DH5 Channel 78



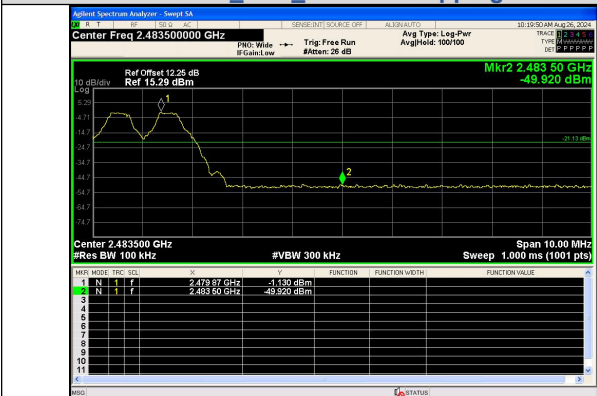
30.0 MHz - 25000.0 MHz
8PSK 3-DH5 Channel 78



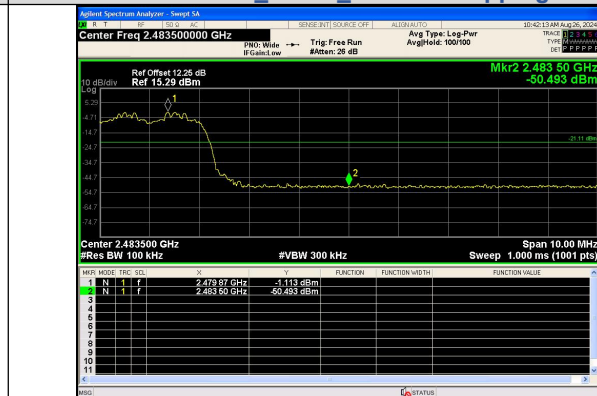
Out Of Band Emission(Left)
GFSK DH5 Channel Hopping



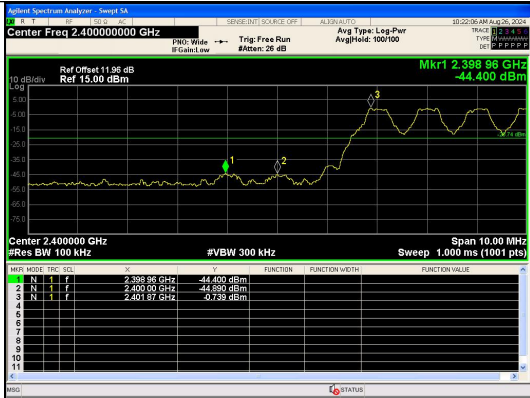
Out Of Band Emission(Left)
 $\pi/4$ DQPSK 2-DH5 Channel Hopping



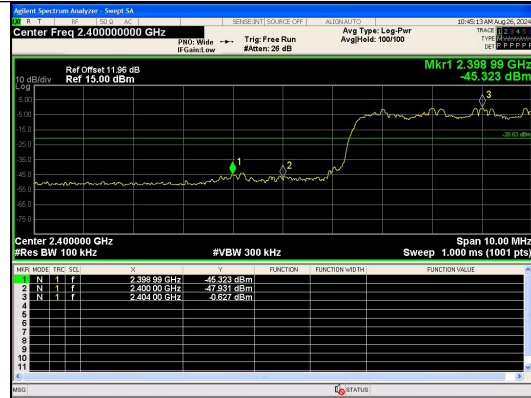
Out Of Band Emission(Right)
GFSK DH5 Channel Hopping



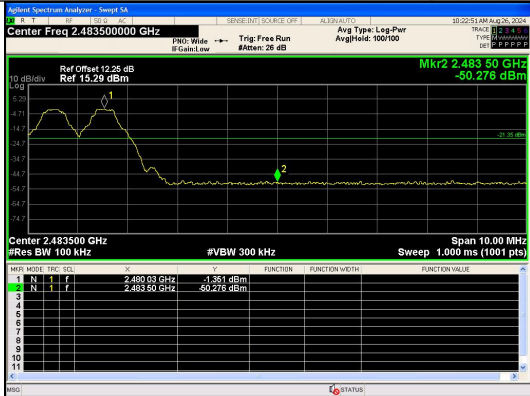
Out Of Band Emission(Right)
 $\pi/4$ DQPSK 2-DH5 Channel Hopping



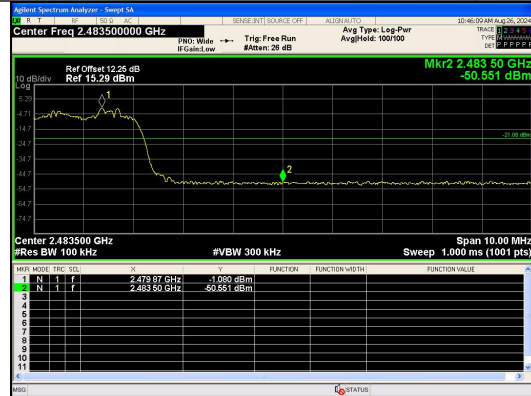
Out Of Band Emission(Left)
GFSK DH5 Channel Hopping



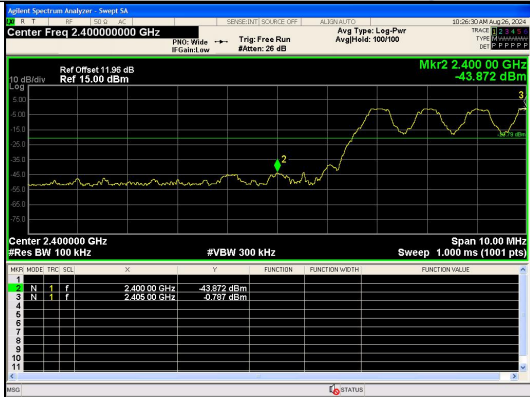
Out Of Band Emission(Left)
pi/4DQPSK 2-DH5 Channel Hopping



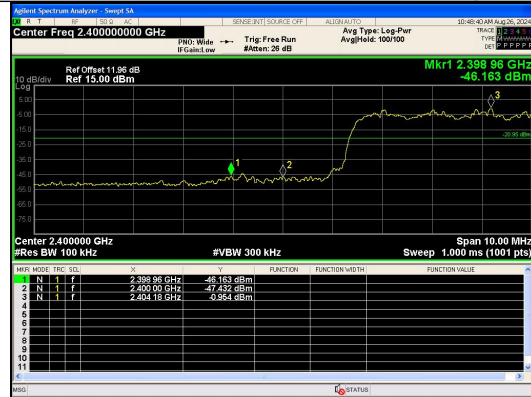
Out Of Band Emission(Right)
GFSK DH5 Channel Hopping



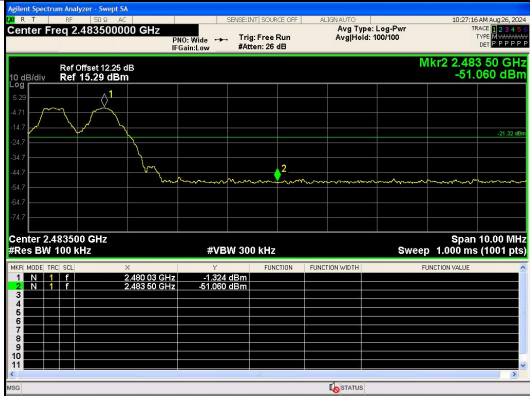
Out Of Band Emission(Right)
pi/4DQPSK 2-DH5 Channel Hopping



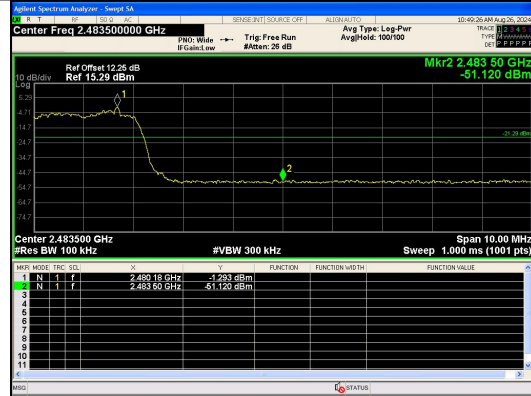
Out Of Band Emission(Left)
GFSK DH5 Channel Hopping



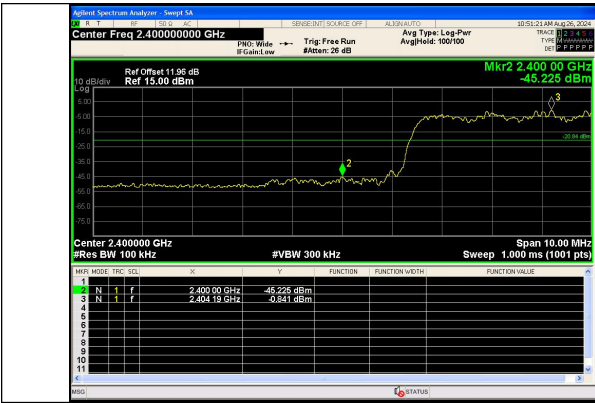
Out Of Band Emission(Left)
pi/4DQPSK 2-DH5 Channel Hopping



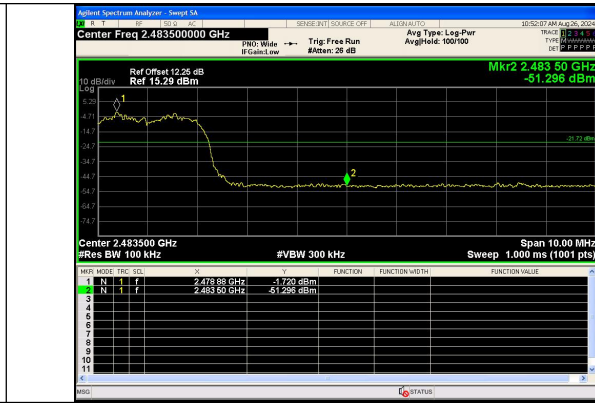
Out Of Band Emission(Right)
GFSK DH5 Channel Hopping



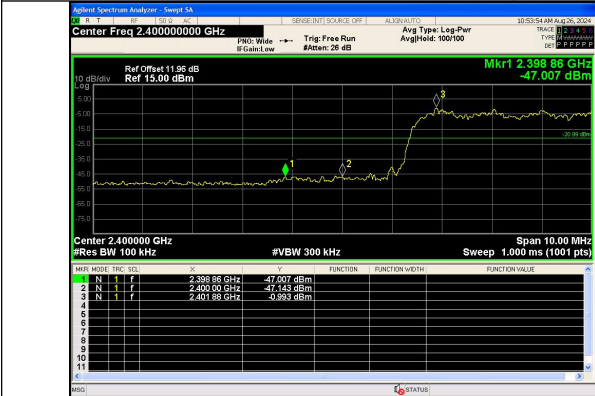
Out Of Band Emission(Right)
pi/4DQPSK 2-DH5 Channel Hopping



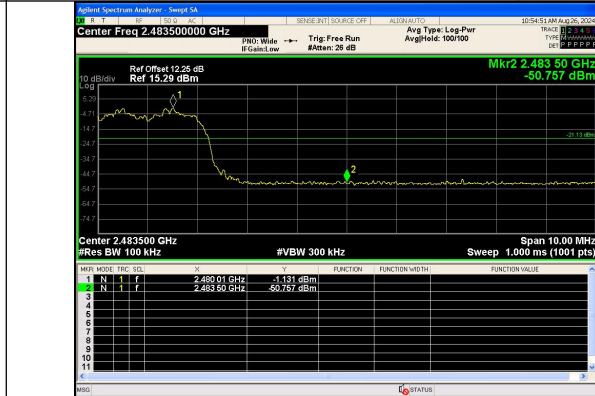
Out Of Band Emission(Left)
8DPSK_3-DH5_Channel Hopping



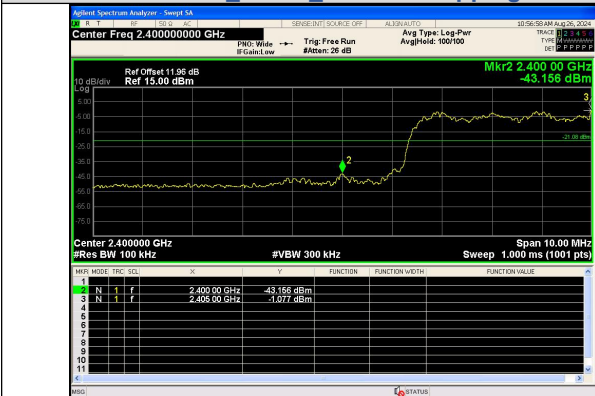
Out Of Band Emission(Right)
8DPSK_3-DH5_Channel Hopping



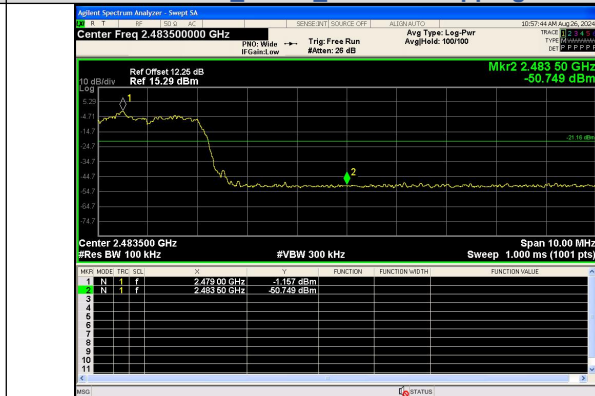
Out Of Band Emission(Left)
8DPSK_3-DH5_Channel Hopping



Out Of Band Emission(Right)
8DPSK_3-DH5_Channel Hopping



Out Of Band Emission(Left)
8DPSK_3-DH5_Channel Hopping



Out Of Band Emission(Right)
8DPSK_3-DH5_Channel Hopping

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