

APPENDIX V. Conducted Spurious & Band Edge 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	2397.07	-50.403	-21.42	-28.983	PASS
			2400.00	-50.634	-21.42	-29.214	PASS
			4803.60	-53.712	-21.42	-32.292	PASS
			7205.80	-48.666	-21.42	-27.246	PASS
			9607.90	-46.364	-21.42	-24.944	PASS
		39	4881.67	-53.039	-21.64	-31.399	PASS
			7323.11	-50.006	-21.64	-28.366	PASS
			9763.93	-46.160	-21.64	-24.520	PASS
			24985.0	-45.384	-21.64	-23.744	PASS
		78	2483.50	-51.046	-20.98	-30.066	PASS
			4959.70	-51.545	-20.98	-30.565	PASS
			7439.85	-49.465	-20.98	-28.485	PASS
			9919.99	-42.693	-20.98	-21.713	PASS
$\pi/4$ DQPSK	2-DH5	0	2398.05	-49.363	-20.84	-28.523	PASS
			2400.00	-51.732	-20.84	-30.892	PASS
			4803.60	-58.486	-20.84	-37.646	PASS
			7206.40	-52.246	-20.84	-31.406	PASS
			9607.90	-45.042	-20.84	-24.202	PASS
		39	4882.30	-54.070	-21.61	-32.460	PASS
			7323.11	-52.755	-21.61	-31.145	PASS
			9763.93	-44.860	-21.61	-23.250	PASS
		78	2483.50	-50.446	-20.97	-29.476	PASS
			4959.70	-53.724	-20.97	-32.755	PASS
			7439.85	-52.222	-20.97	-31.252	PASS
			9919.99	-43.926	-20.97	-22.956	PASS
8DPSK	3-DH5	0	2397.76	-49.911	-20.82	-29.091	PASS
			2400.00	-51.992	-20.82	-31.172	PASS
			4803.60	-57.373	-20.82	-36.553	PASS
			7205.80	-52.824	-20.82	-32.004	PASS
			9607.90	-45.096	-20.82	-24.276	PASS
		39	4881.67	-53.579	-21.58	-31.999	PASS
			7323.11	-54.396	-21.58	-32.816	PASS
			9763.93	-43.378	-21.58	-21.798	PASS
		78	2483.50	-52.096	-21.37	-30.726	PASS
			4960.33	-51.758	-21.37	-30.388	PASS
			7439.85	-51.950	-21.37	-30.580	PASS
			9919.99	-44.636	-21.37	-23.266	PASS

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

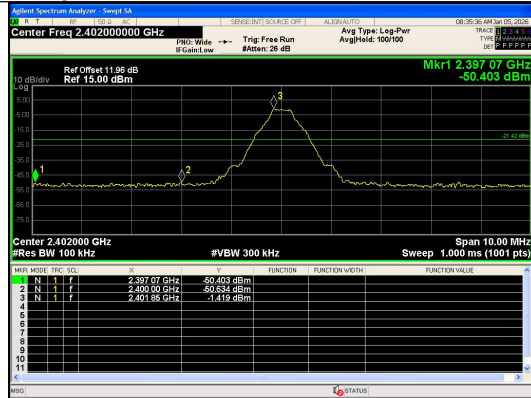
Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2397.68	-48.810	-20.9	-27.910	PASS
			2400.00	-48.967	-20.9	-28.067	PASS
			2483.50	-50.713	-21.04	-29.673	PASS
			2395.37	-49.934	-21.19	-28.744	PASS
			2400.00	-51.851	-21.19	-30.661	PASS
			2483.50	-49.600	-20.96	-28.640	PASS
			2398.34	-48.571	-21.08	-27.491	PASS
			2400.00	-49.388	-21.08	-28.308	PASS
π/4DQPSK	2-DH5		2483.50	-50.387	-21.16	-29.227	PASS
			2395.39	-48.992	-22.97	-26.022	PASS
			2400.00	-51.596	-22.97	-28.626	PASS
			2483.50	-50.988	-23.62	-27.368	PASS
			2397.04	-48.344	-21.63	-26.714	PASS
			2400.00	-50.638	-21.63	-29.008	PASS
			2483.50	-49.147	-22.94	-26.207	PASS
			2396.56	-48.981	-21.15	-27.831	PASS

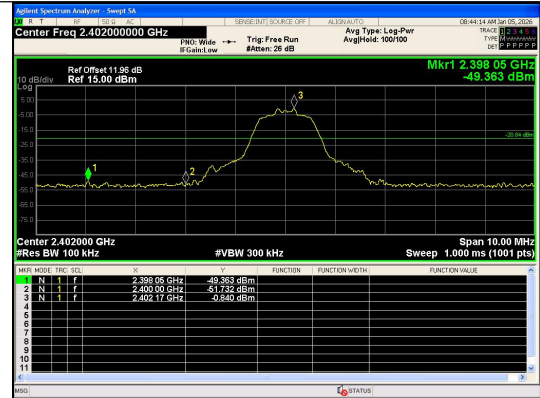
8DPSK	3-DH5	2400.00	-51.629	-21.15	-30.479	PASS
		2483.50	-50.303	-21.01	-29.293	PASS
		2395.16	-48.057	-21.27	-26.787	PASS
		2400.00	-50.591	-21.27	-29.321	PASS
		2483.50	-50.675	-20.97	-29.705	PASS
		2395.37	-48.432	-20.98	-27.452	PASS
		2400.00	-50.617	-20.98	-29.637	PASS
		2483.50	-50.234	-21.29	-28.944	PASS
		2398.56	-49.625	-21.29	-28.335	PASS
		2400.00	-50.990	-21.29	-29.700	PASS
		2483.50	-50.584	-21.17	-29.414	PASS

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

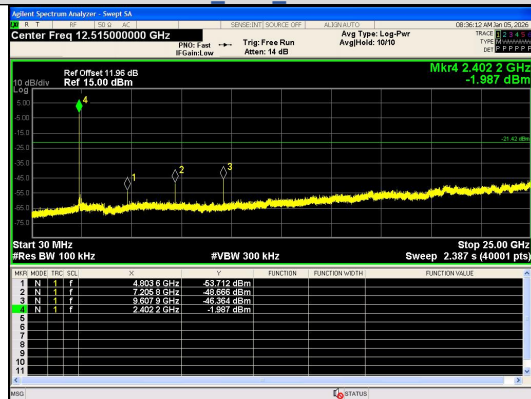
Test Graphs



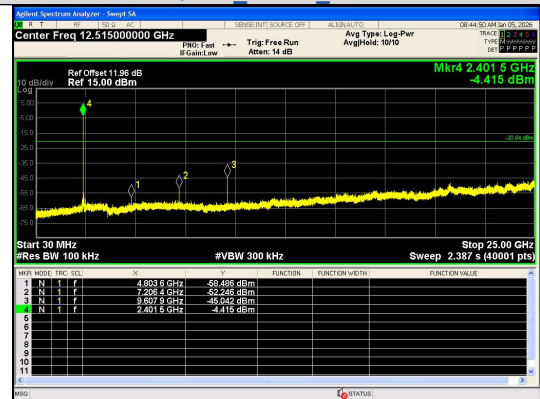
Out Of Band Emission
GFSK DH5 Channel 0



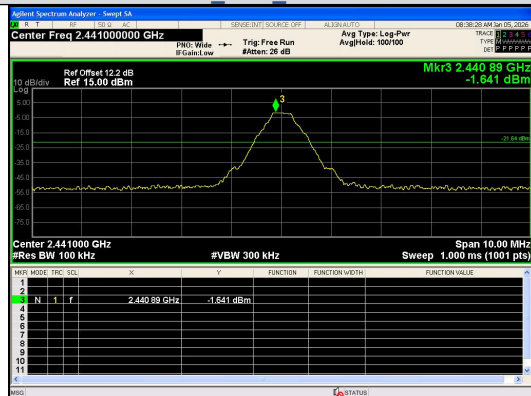
Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 0



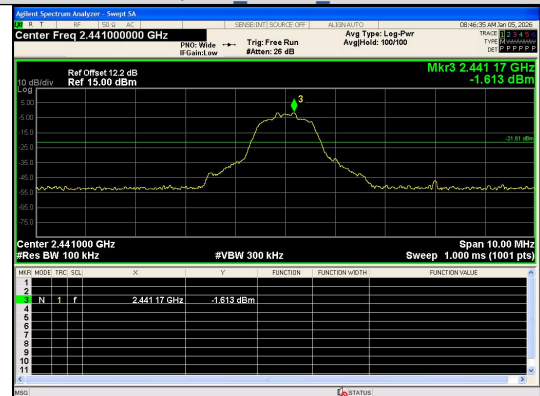
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GFSK DH5 Channel 0



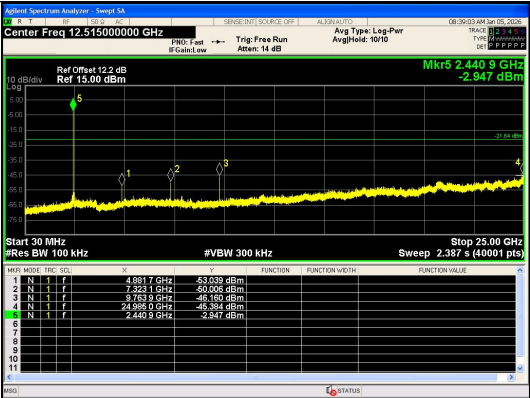
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 $\pi/4$ DQPSK 2-DH5 Channel 0



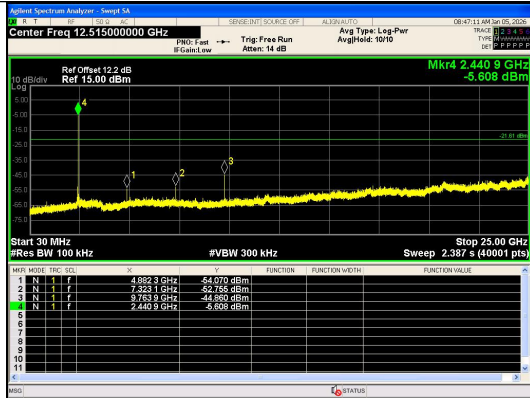
Out Of Band Emission
GFSK DH5 Channel 39



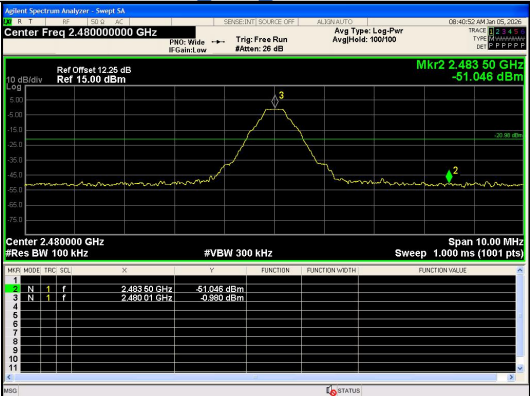
Out Of Band Emission
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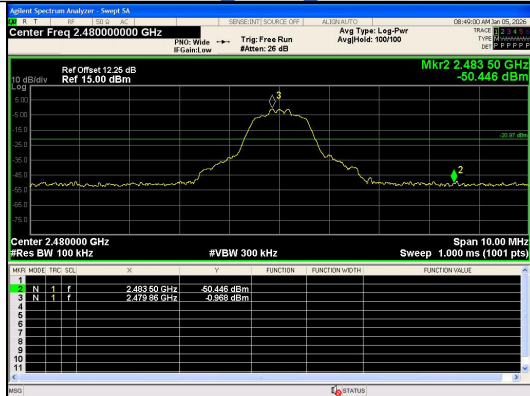
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 39



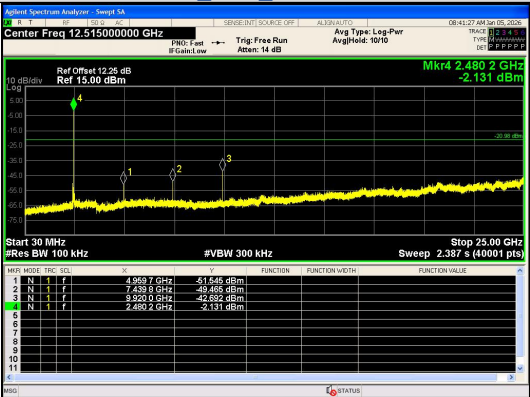
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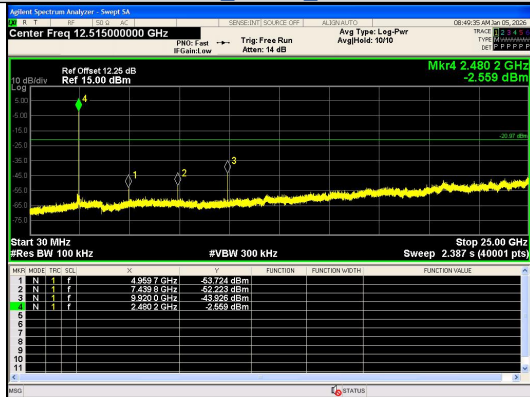
Out Of Band Emission
GFSK DH5 Channel 78



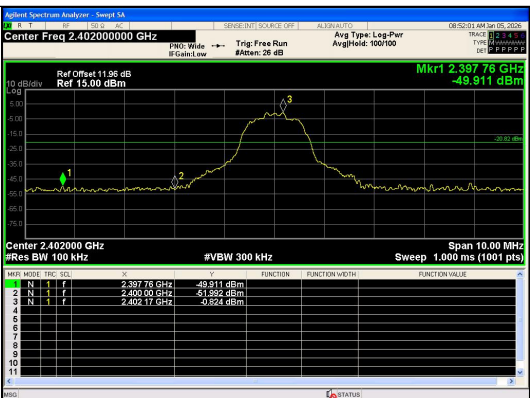
Out Of Band Emission
 $\pi/4$ DQPSK 2-DH5 Channel 78



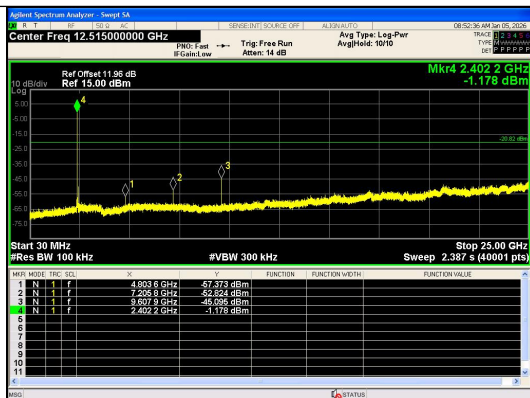
30.0 MHz - 25000.0 MHz
GFSK DH5 Channel 78



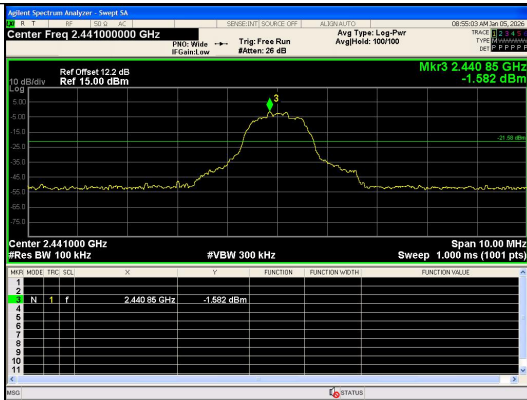
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH5 Channel 78



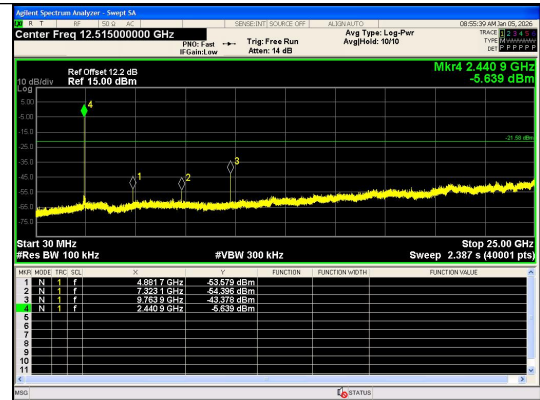
Out Of Band Emission
8DPSK 3-DH5 Channel 0



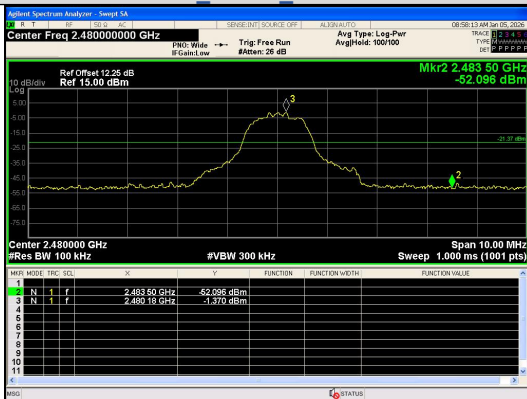
30.0 MHz - 25000.0 MHz
8DPSK 3-DH5 Channel 0



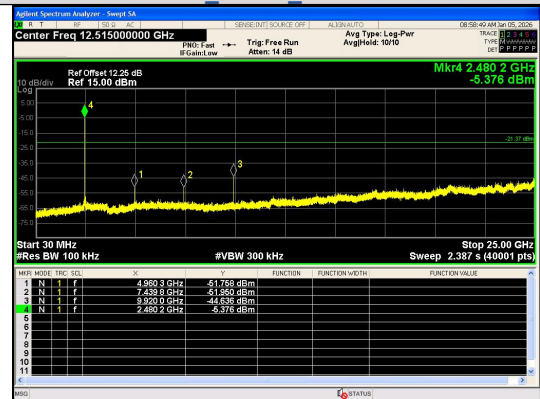
**Out of Band Emission
8DPSK_3-DH5_Channel 39**



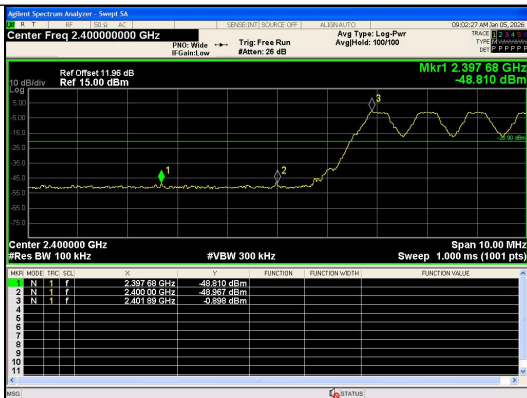
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 39**



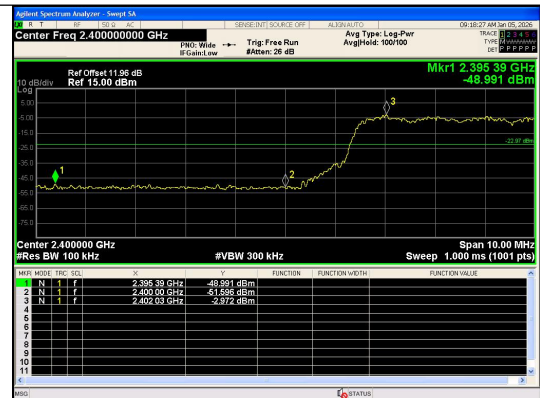
**Out of Band Emission
8DPSK_3-DH5_Channel 78**



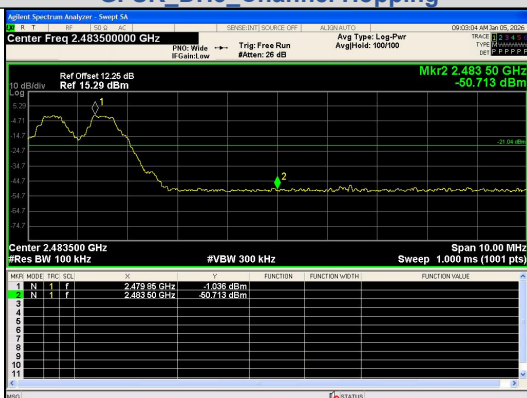
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH5_Channel 78**



**Out of Band Emission(Left)
GFSK_DH5_Channel Hopping**



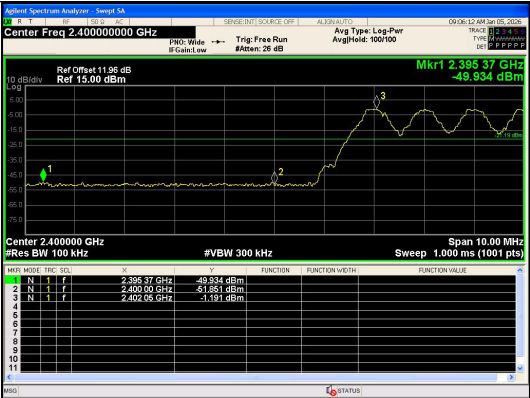
**Out of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping**



**Out of Band Emission(Right)
GFSK_DH5_Channel Hopping**



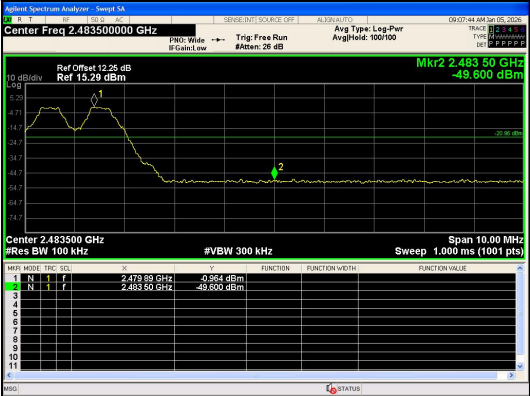
**Out of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping**



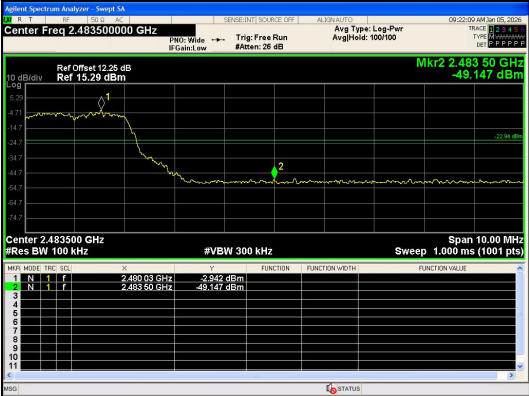
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



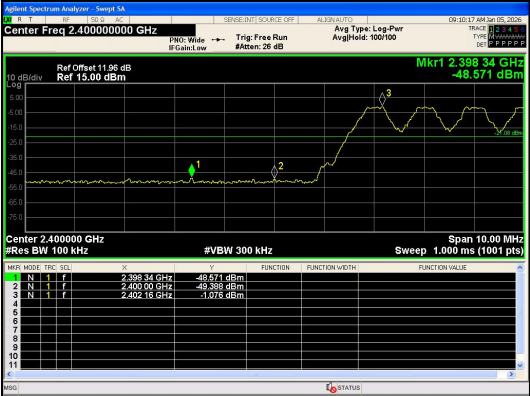
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



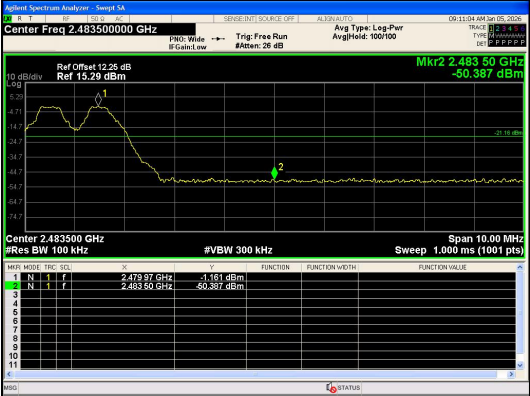
Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



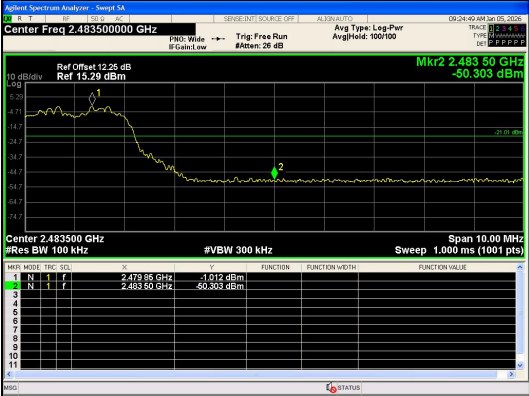
Out Of Band Emission(Left)
GFSK_DH5_Channel Hopping



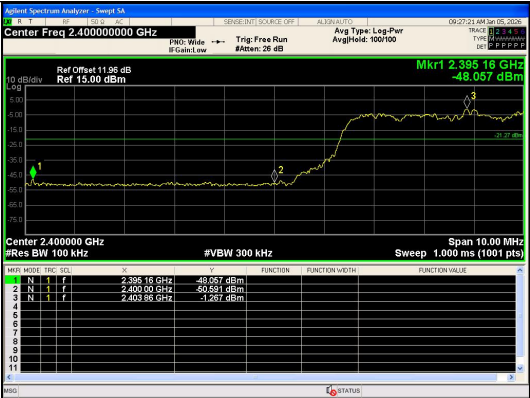
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH5_Channel Hopping



Out Of Band Emission(Right)
GFSK_DH5_Channel Hopping



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



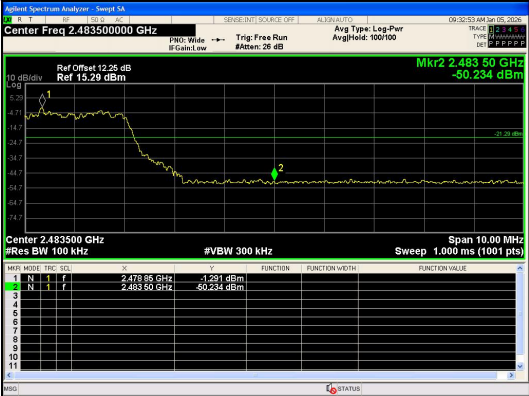
Out Of Band Emission(Left)
8DPSK_3-DH5_Channel Hopping



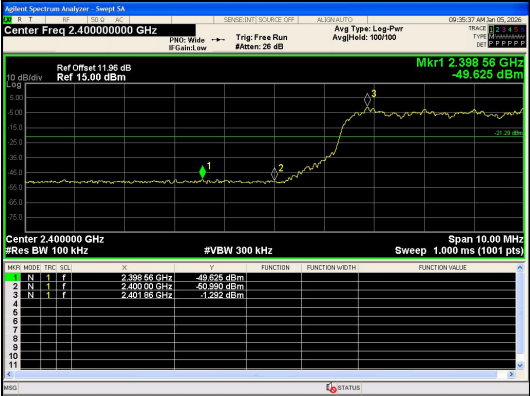
Out Of Band Emission(Right)
8DPSK_3-DH5_Channel Hopping



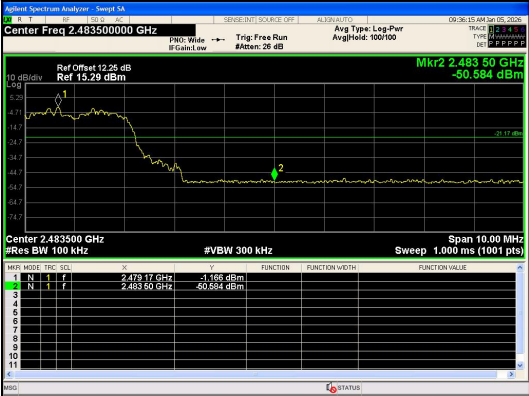
Out Of Band Emission(Left)
8DPSK_3-DH5_Channel Hopping



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