



$\pi/4$ DQPSK 2-DH5_Channel 39



8DPSK_3-DH5_Channel 0



8DPSK_3-DH5_Channel 78



$\pi/4$ DQPSK 2-DH5_Channel 78



8DPSK_3-DH5_Channel 39

Void

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	2439.9811	2440.9814	1.0003	0.687	PASS
GFSK	DH5	2439.9817	2440.9805	0.9988	0.688	PASS
GFSK	DH5	2439.9805	2440.9811	1.0006	0.687	PASS
π /4DQPSK	2-DH5	2439.9832	2440.8566	0.8734	0.752	PASS
π /4DQPSK	2-DH5	2439.8548	2440.8551	1.0003	0.765	PASS
π /4DQPSK	2-DH5	2439.8566	2440.9979	1.1413	0.765	PASS
8DPSK	3-DH5	2439.9658	2440.9646	0.9988	0.801	PASS
8DPSK	3-DH5	2440.1275	2441.1473	1.0198	0.793	PASS
8DPSK	3-DH5	2440.0606	2440.9523	0.8917	0.798	PASS

Test Graphs





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8DPSK



8DPSK



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8DPSK

Void

APPENDIX V. Conducted Out Of Band Emission

Test Result

Non-Hopping

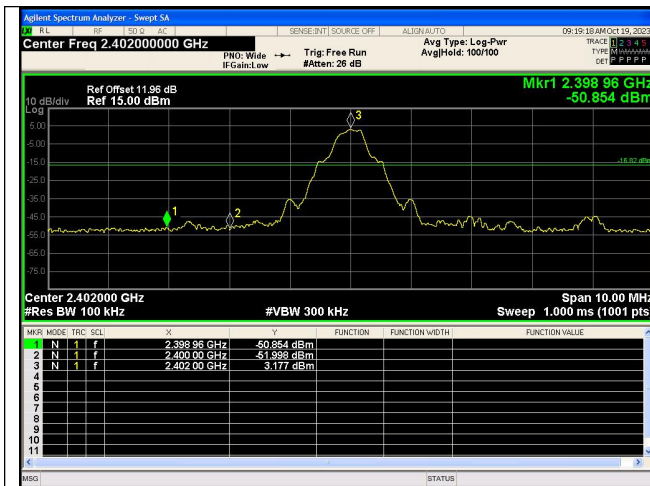
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	0	2400.00	-51.998	-16.82	-35.178	PASS
			2398.96	-50.854	-16.82	-34.034	PASS
			4803.80	-59.052	-16.82	-42.232	PASS
			7205.30	-61.801	-16.82	-44.981	PASS
			9608.10	-62.739	-16.82	-45.919	PASS
			24910.7	-46.204	-16.82	-29.384	PASS
		39	4881.79	-64.455	-19.84	-44.615	PASS
			7323.92	-62.295	-19.84	-42.455	PASS
			9764.17	-62.654	-19.84	-42.814	PASS
			24836.4	-45.890	-19.84	-26.050	PASS
		78	2483.50	-51.368	-19.88	-31.488	PASS
			4960.45	-62.758	-19.88	-42.878	PASS
			7440.03	-62.981	-19.88	-43.101	PASS
			9920.86	-62.985	-19.88	-43.105	PASS
			24997.5	-45.844	-19.88	-25.964	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-51.430	-20.61	-30.820	PASS
			2398.79	-50.307	-20.61	-29.697	PASS
			4803.80	-60.735	-20.61	-40.125	PASS
			7205.30	-61.794	-20.61	-41.184	PASS
			9608.10	-64.487	-20.61	-43.877	PASS
			24968.8	-46.974	-20.61	-26.364	PASS
		39	4882.42	-61.846	-23.01	-38.836	PASS
			7322.67	-62.800	-23.01	-39.790	PASS
			9764.17	-63.153	-23.01	-40.143	PASS
			24966.3	-45.230	-23.01	-22.220	PASS
		78	2483.50	-51.742	-20.0	-31.742	PASS
			4960.45	-63.699	-20.0	-43.699	PASS
			7440.03	-62.137	-20.0	-42.137	PASS
			9920.24	-62.961	-20.0	-42.961	PASS
			24941.3	-45.294	-20.0	-25.294	PASS
8DPSK	3-DH5	0	2400.00	-49.593	-20.34	-29.253	PASS
			4803.76	-62.288	-20.34	-41.948	PASS
			7206.56	-63.010	-20.34	-42.670	PASS
			9608.11	-63.640	-20.34	-43.300	PASS
			24971.9	-46.003	-20.34	-25.663	PASS
		39	4882.42	-64.069	-23.24	-40.829	PASS

			7323.92	-63.100	-23.24	-39.860	PASS
			9764.17	-62.456	-23.24	-39.216	PASS
			24960.7	-45.446	-23.24	-22.206	PASS
		78	2483.50	-52.176	-20.52	-31.656	PASS
			4959.20	-62.827	-20.52	-42.307	PASS
			7440.03	-63.807	-20.52	-43.287	PASS
			9920.24	-63.499	-20.52	-42.979	PASS
			24958.8	-44.926	-20.52	-24.406	PASS

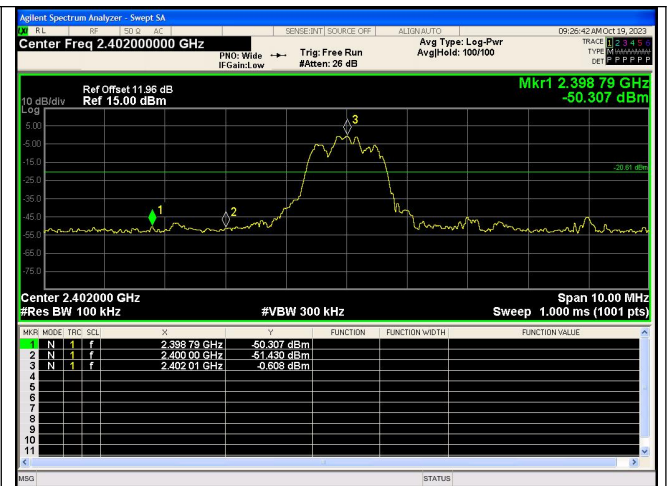
Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2400.00	-50.096	-14.0	-36.096	PASS
			2483.50	-49.572	-20.19	-29.382	PASS
			2396.29	-49.594	-14.07	-35.524	PASS
			2400.00	-50.672	-14.07	-36.602	PASS
			2483.50	-49.784	-20.02	-29.764	PASS
			2396.73	-49.375	-14.2	-35.175	PASS
			2400.00	-51.327	-14.2	-37.127	PASS
			2483.50	-51.214	-20.23	-30.984	PASS
π/4DQPSK	2-DH5		2395.76	-49.842	-14.15	-35.692	PASS
			2400.00	-50.749	-14.15	-36.599	PASS
			2483.50	-50.077	-20.16	-29.917	PASS
			2396.45	-49.198	-14.45	-34.748	PASS
			2400.00	-50.362	-14.45	-35.912	PASS
			2483.50	-50.472	-19.99	-30.482	PASS
			2398.74	-49.518	-14.1	-35.418	PASS
			2400.00	-51.134	-14.1	-37.034	PASS
8DPSK	3-DH5		2483.50	-51.116	-20.44	-30.676	PASS
			2398.86	-48.778	-14.08	-34.698	PASS
			2400.00	-49.913	-14.08	-35.833	PASS
			2483.50	-50.935	-19.96	-30.975	PASS
			2398.85	-48.485	-14.37	-34.115	PASS
			2400.00	-49.390	-14.37	-35.020	PASS
			2483.50	-50.687	-20.1	-30.587	PASS
			2398.90	-48.098	-14.22	-33.878	PASS
			2400.00	-49.942	-14.22	-35.722	PASS
			2483.50	-51.048	-20.1	-30.948	PASS

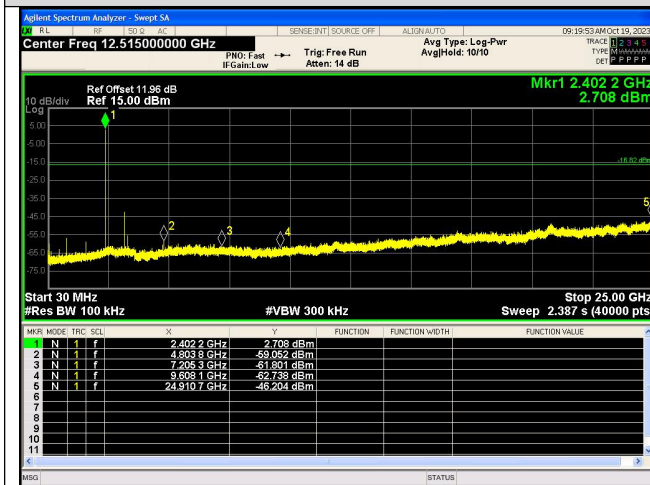
Test Graphs



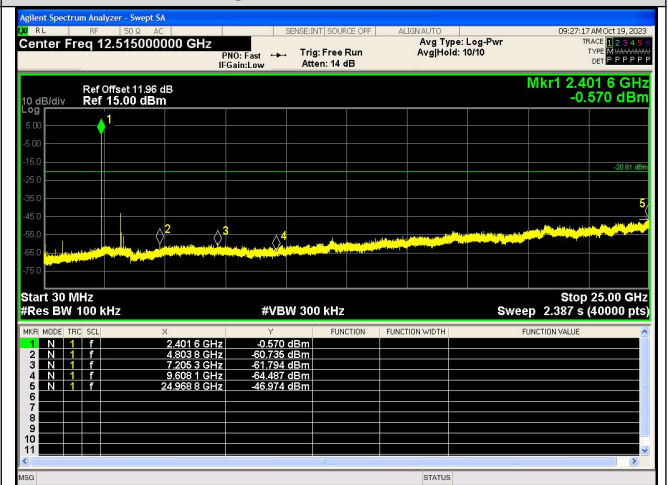
Out Of Band Emission
GFSK_DH5_Channel 0



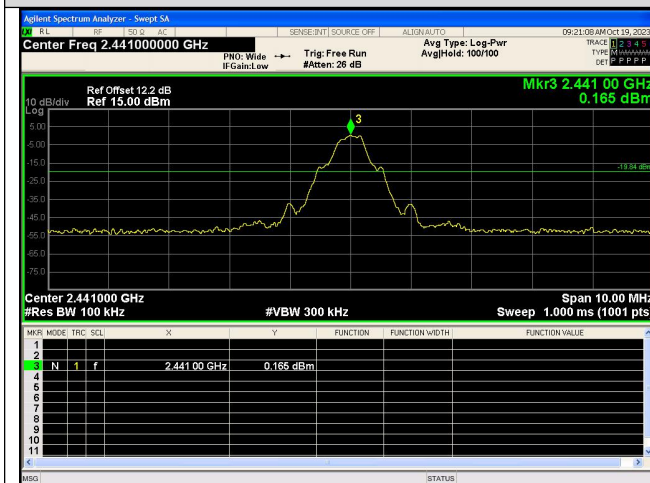
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0



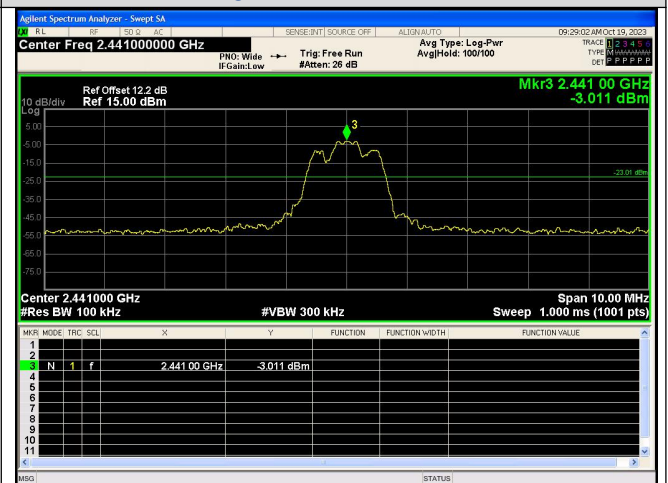
Spurious Emission
GFSK_DH5_Channel 0



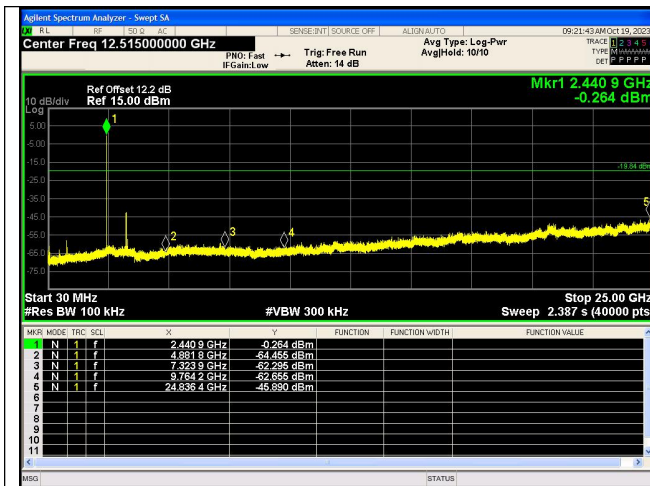
Spurious Emission
 $\pi/4$ DQPSK_2-DH5_Channel 0



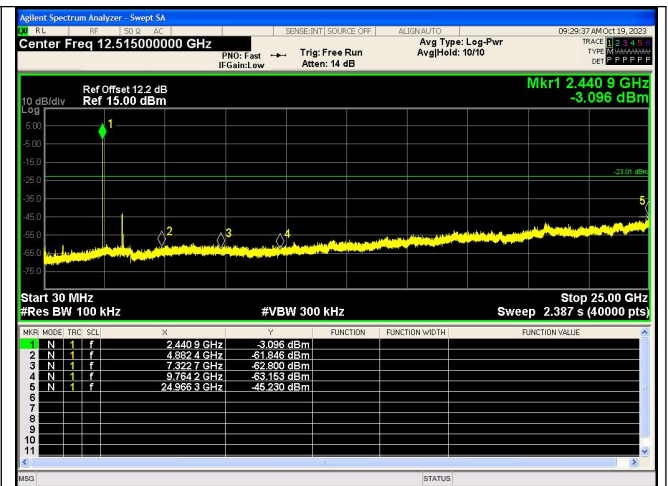
Out Of Band Emission
GFSK_DH5_Channel 39



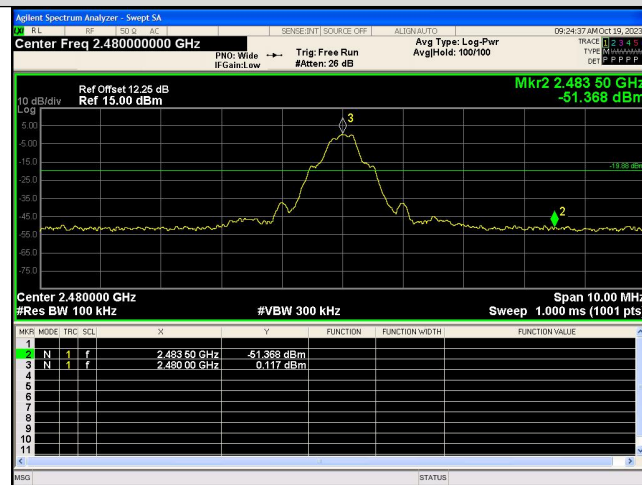
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 39



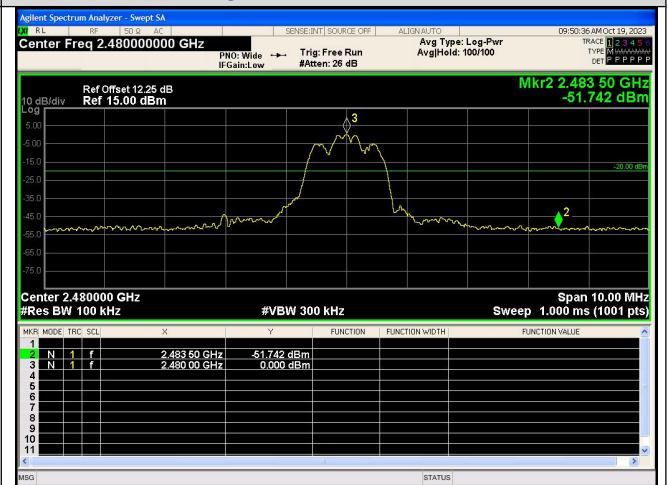
Spurious Emissions
GFSK_DH5_Channel 39



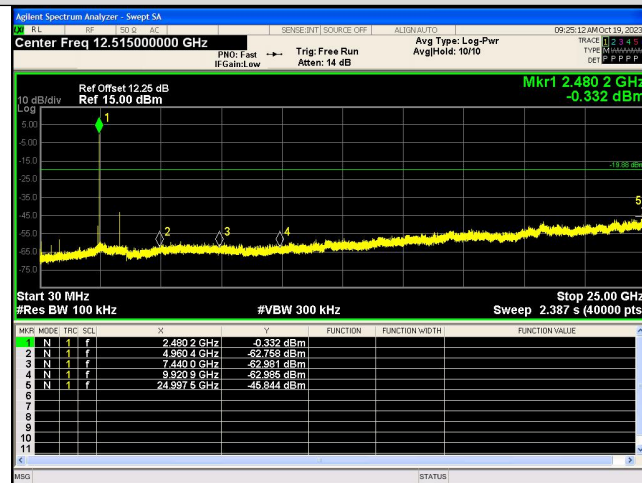
Spurious Emissions
 $\pi/4$ DQPSK_2-DH5_Channel 39



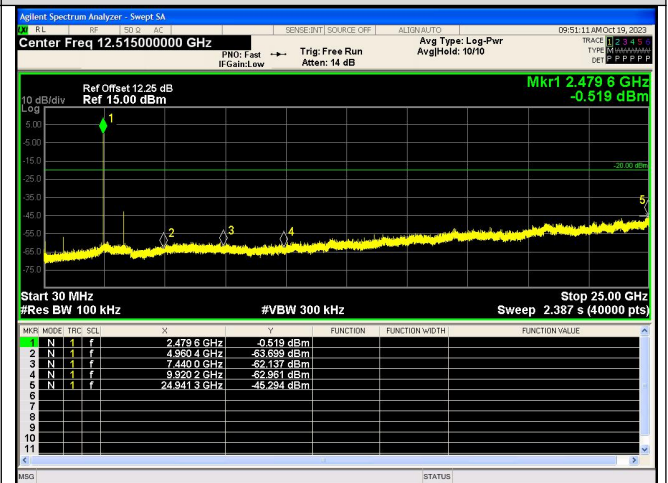
Out Of Band Emission
GFSK_DH5_Channel 78



Out Of Band Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78



Spurious Emission
GFSK_DH5_Channel 78



Spurious Emission
 $\pi/4$ DQPSK_2-DH5_Channel 78