



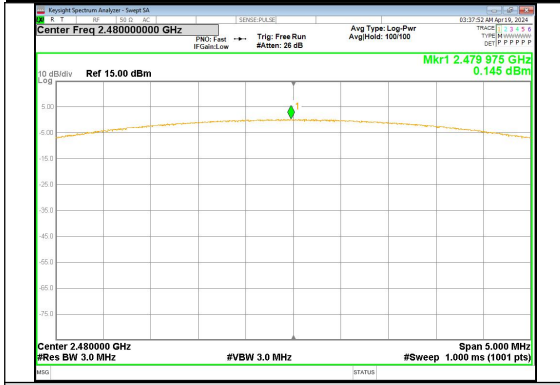
Conducted Peak Output Power

Test Result

Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Result
GFSK	DH5	0	-0.518	0.888	-0.654	30	PASS
		39	-0.439	0.904	-0.651		PASS
		78	-1.023	0.790	-1.126		PASS
$\pi/4$ DQPSK	2-DH5	0	0.318	1.076	-2.293	20.97	PASS
		39	0.395	1.095	-2.202		PASS
		78	-0.236	0.947	-2.757		PASS
8DPSK	3-DH5	0	0.744	1.187	-2.271		PASS
		39	0.667	1.166	-2.328		PASS
		78	0.145	1.034	-2.920		PASS

Test Graphs





**Peak Output Power
8DPSK_Channel 78**

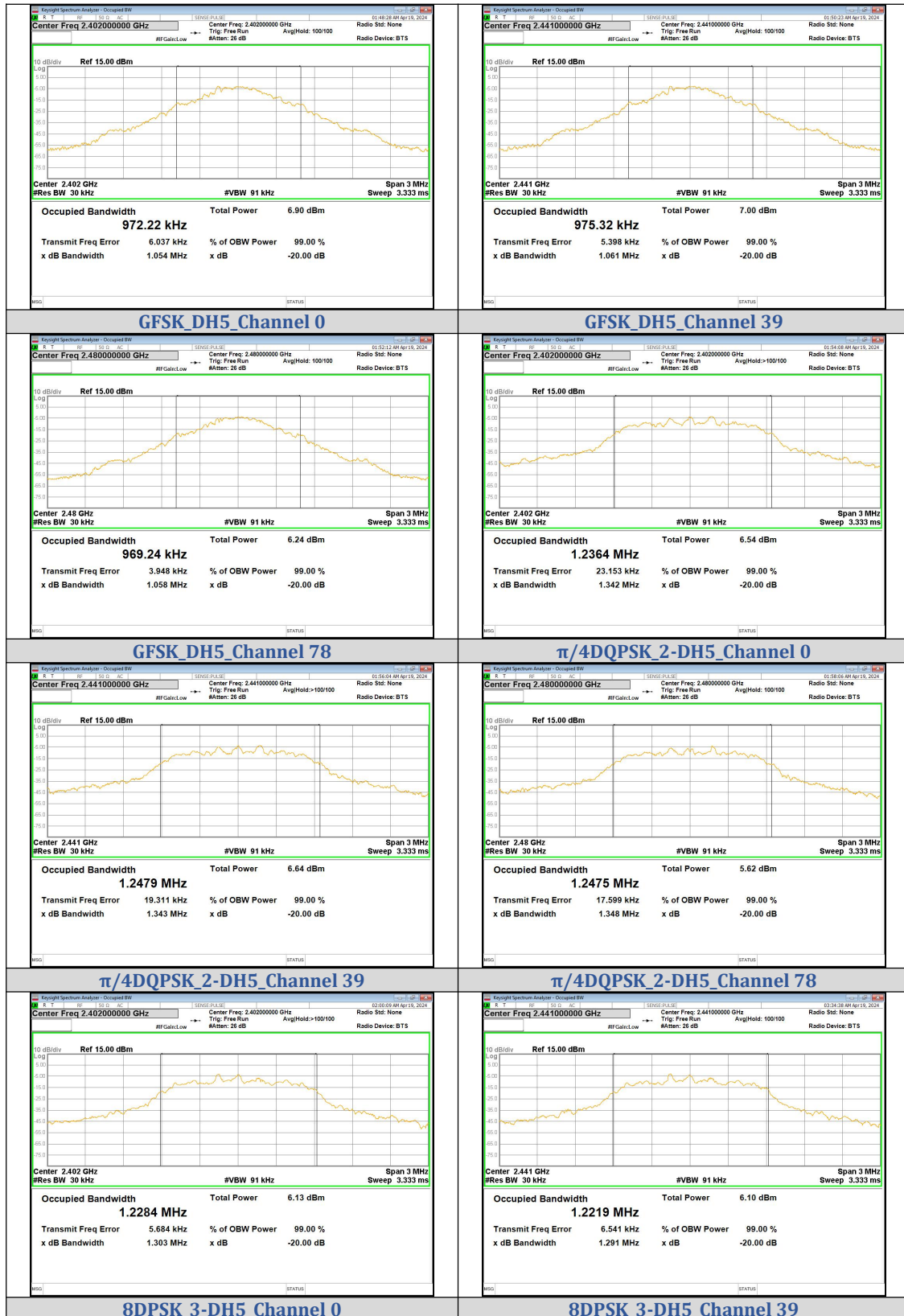


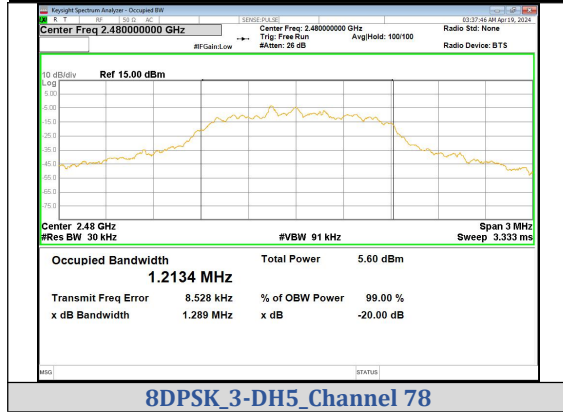
20dB Bandwidth

Test Result

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	1.054
	39	2441 MHz	1.061
	78	2480 MHz	1.058
$\pi/4$ DQPSK	0	2402 MHz	1.342
	39	2441 MHz	1.343
	78	2480 MHz	1.348
8DPSK	0	2402 MHz	1.303
	39	2441 MHz	1.291
	78	2480 MHz	1.289

Test Graphs





8DPSK_3-DH5_Channel 78

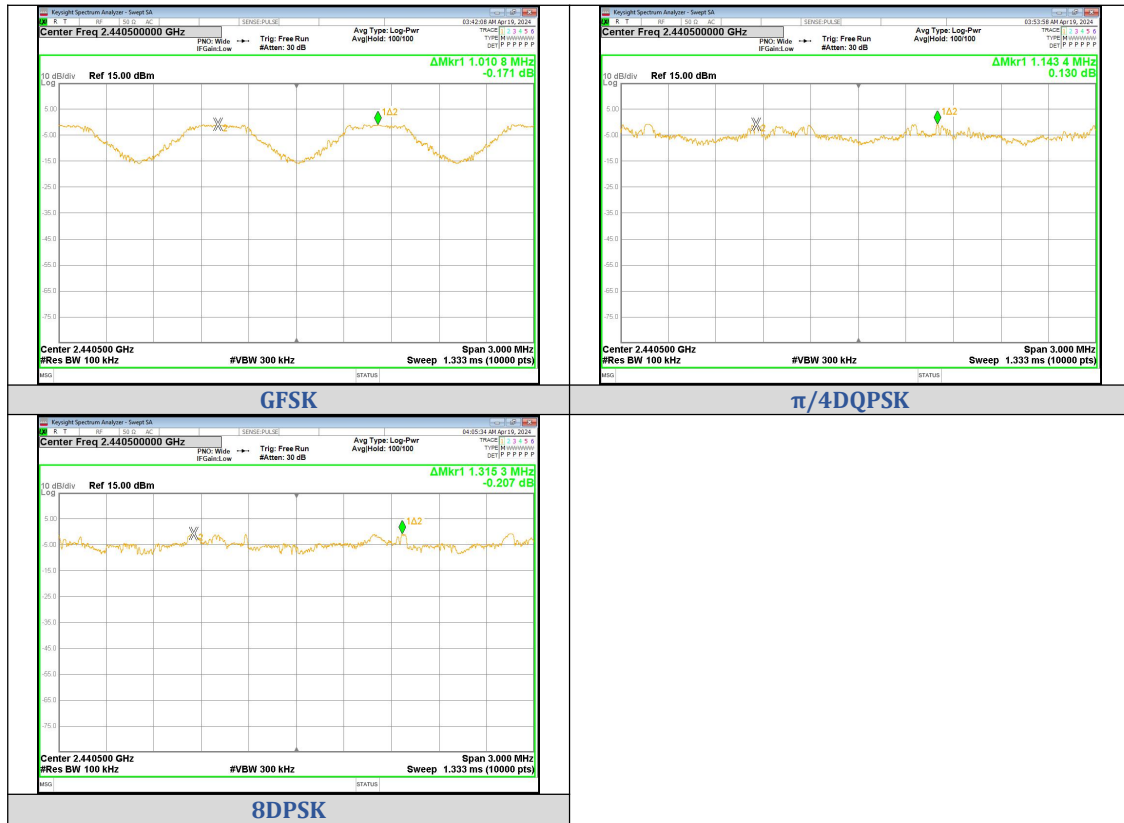


Carrier Frequencies Separation

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.0039	2441.0147	1.0108	0.705	PASS
$\pi/4$ DQPSK	2-DH5	2439.8557	2440.9991	1.1434	0.899	PASS
8DPSK	3-DH5	2439.8515	2441.1668	1.3153	0.859	PASS

Test Graphs





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	-55.286	-20.9	-34.386	PASS
			4803.76	-45.545	-20.9	-24.645	PASS
			7205.93	-61.080	-20.9	-40.180	PASS
			9608.11	-53.762	-20.9	-32.862	PASS
			24855.8	-49.996	-20.9	-29.096	PASS
		39	4881.79	-42.658	-20.82	-21.838	PASS
			7322.67	-62.090	-20.82	-41.270	PASS
			9764.17	-55.063	-20.82	-34.243	PASS
		78	24581.7	-50.759	-20.82	-29.939	PASS
			2483.50	-60.416	-21.35	-39.066	PASS
			4959.83	-42.015	-21.35	-20.665	PASS
			7440.03	-62.537	-21.35	-41.187	PASS
			9920.24	-53.989	-21.35	-32.639	PASS
			24657.3	-50.520	-21.35	-29.170	PASS
$\pi/4$ DQPSK	2-DH5	0	2400.00	-50.729	-20.85	-29.879	PASS
			4803.76	-47.304	-20.85	-26.454	PASS
			7206.56	-62.122	-20.85	-41.272	PASS
			9608.11	-55.788	-20.85	-34.938	PASS
			24983.1	-49.833	-20.85	-28.983	PASS
		39	4881.79	-46.501	-20.78	-25.721	PASS
			7323.30	-63.834	-20.78	-43.054	PASS
			9764.17	-53.360	-20.78	-32.580	PASS
		78	24852.7	-50.771	-20.78	-29.991	PASS
			2483.50	-59.769	-21.37	-38.399	PASS
			4959.83	-44.550	-21.37	-23.180	PASS
			7440.03	-61.356	-21.37	-39.986	PASS
			9920.24	-51.493	-21.37	-30.123	PASS
			24987.5	-51.003	-21.37	-29.633	PASS
8DPSK	3-DH5	0	2400.00	-53.922	-20.86	-33.062	PASS
			4803.76	-48.468	-20.86	-27.608	PASS
			7205.93	-62.670	-20.86	-41.810	PASS
			9608.11	-56.650	-20.86	-35.790	PASS
			24908.9	-50.692	-20.86	-29.832	PASS
		39	4881.79	-45.173	-20.95	-24.223	PASS
			7322.05	-63.419	-20.95	-42.469	PASS
			9764.17	-53.901	-20.95	-32.951	PASS
		78	24672.3	-50.640	-20.95	-29.690	PASS
			2483.50	-61.094	-21.47	-39.624	PASS
			4959.83	-45.738	-21.47	-24.268	PASS
			7440.03	-63.413	-21.47	-41.943	PASS
			9920.24	-51.285	-21.47	-29.815	PASS
			24995.6	-49.927	-21.47	-28.457	PASS

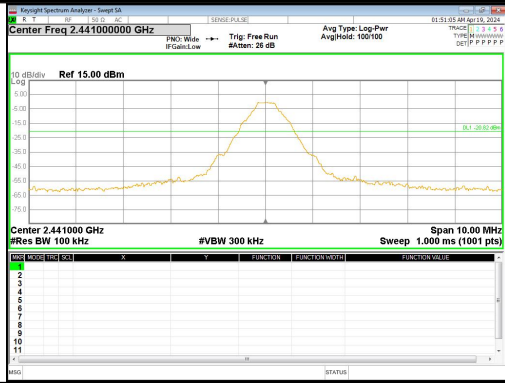


Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH5	Hopping	2396.90	-45.920	-20.55	-25.370	PASS
			2400.00	-46.957	-20.55	-26.407	PASS
			2483.50	-57.957	-21.22	-36.737	PASS
$\pi/4$ DQPSK	2-DH5		2398.86	-46.898	-20.74	-26.158	PASS
			2400.00	-49.768	-20.74	-29.028	PASS
			2483.50	-52.533	-21.18	-31.353	PASS
8DPSK	3-DH5		2398.86	-46.611	-20.65	-25.961	PASS
			2400.00	-48.473	-20.65	-27.823	PASS
			2483.50	-51.227	-21.17	-30.057	PASS

Test Graphs

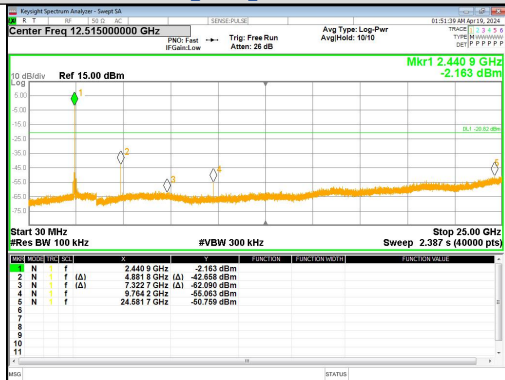




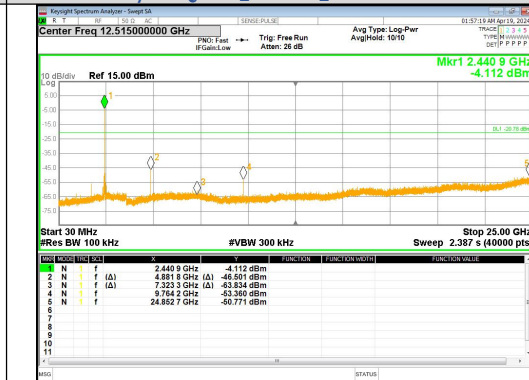
Out Of Band Emission
GFSK_DH5_Channel 39



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



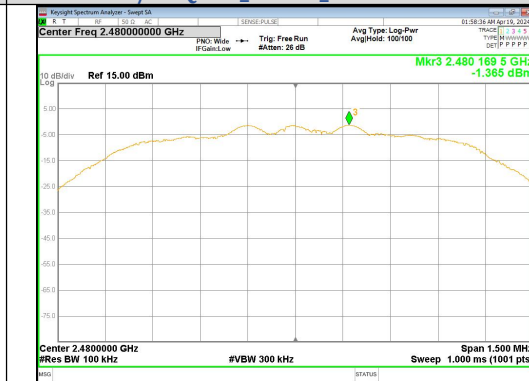
Spurious Emissions
GFSK_DH5_Channel 39



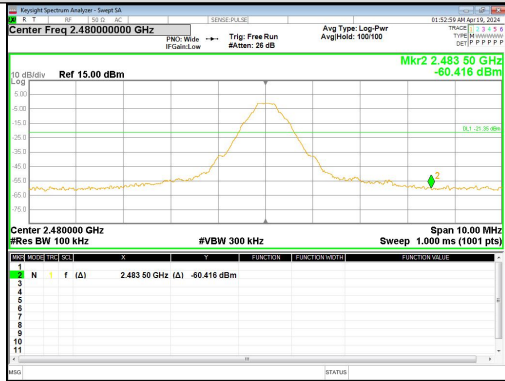
Spurious Emissions
 $\pi/4$ DQPSK_2-DH5_Channel 39



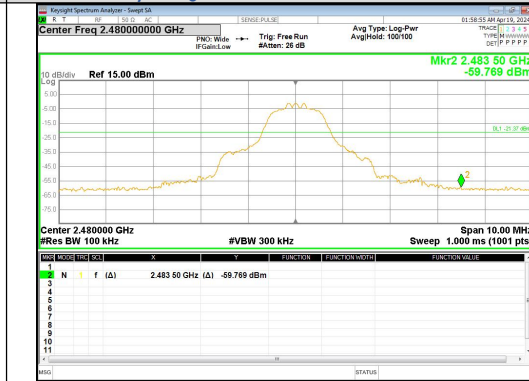
In-Band Reference Level
GFSK_DH5_Channel 78



In-Band Reference Level
 $\pi/4$ DQPSK_2-DH5_Channel 78



Out Of Band Emission
GFSK_DH5_Channel 78



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