

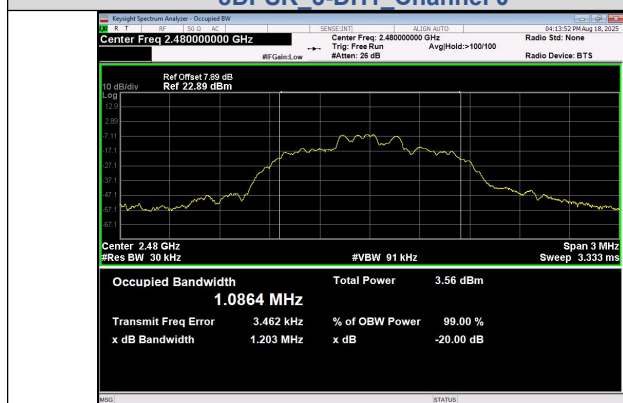
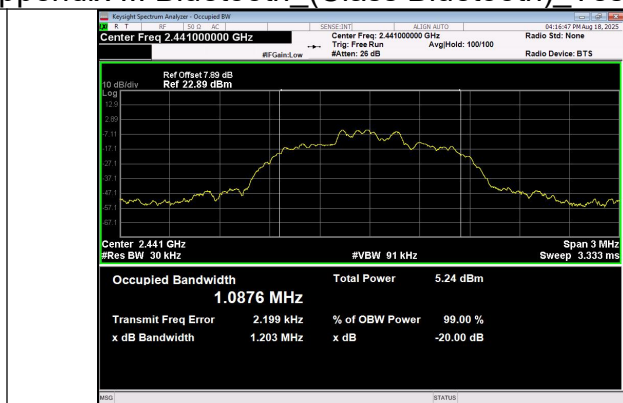
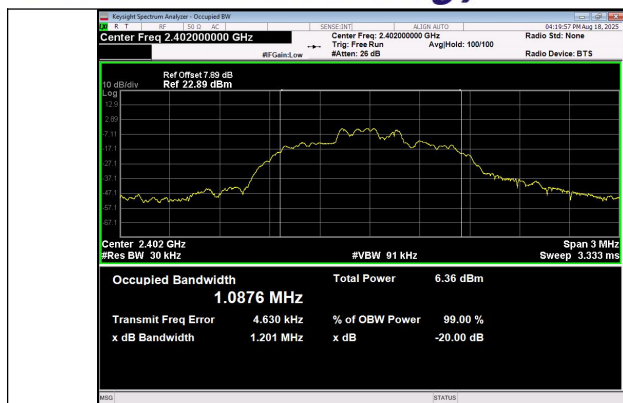
A.5 20DB BANDWIDTH

Test Result

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.8800
	39	2441 MHz	0.8600
	78	2480 MHz	0.8800
$\pi/4$ DQPSK	0	2402 MHz	1.180
	39	2441 MHz	1.180
	78	2480 MHz	1.180
8DPSK	0	2402 MHz	1.200
	39	2441 MHz	1.200
	78	2480 MHz	1.200

Test Graphs



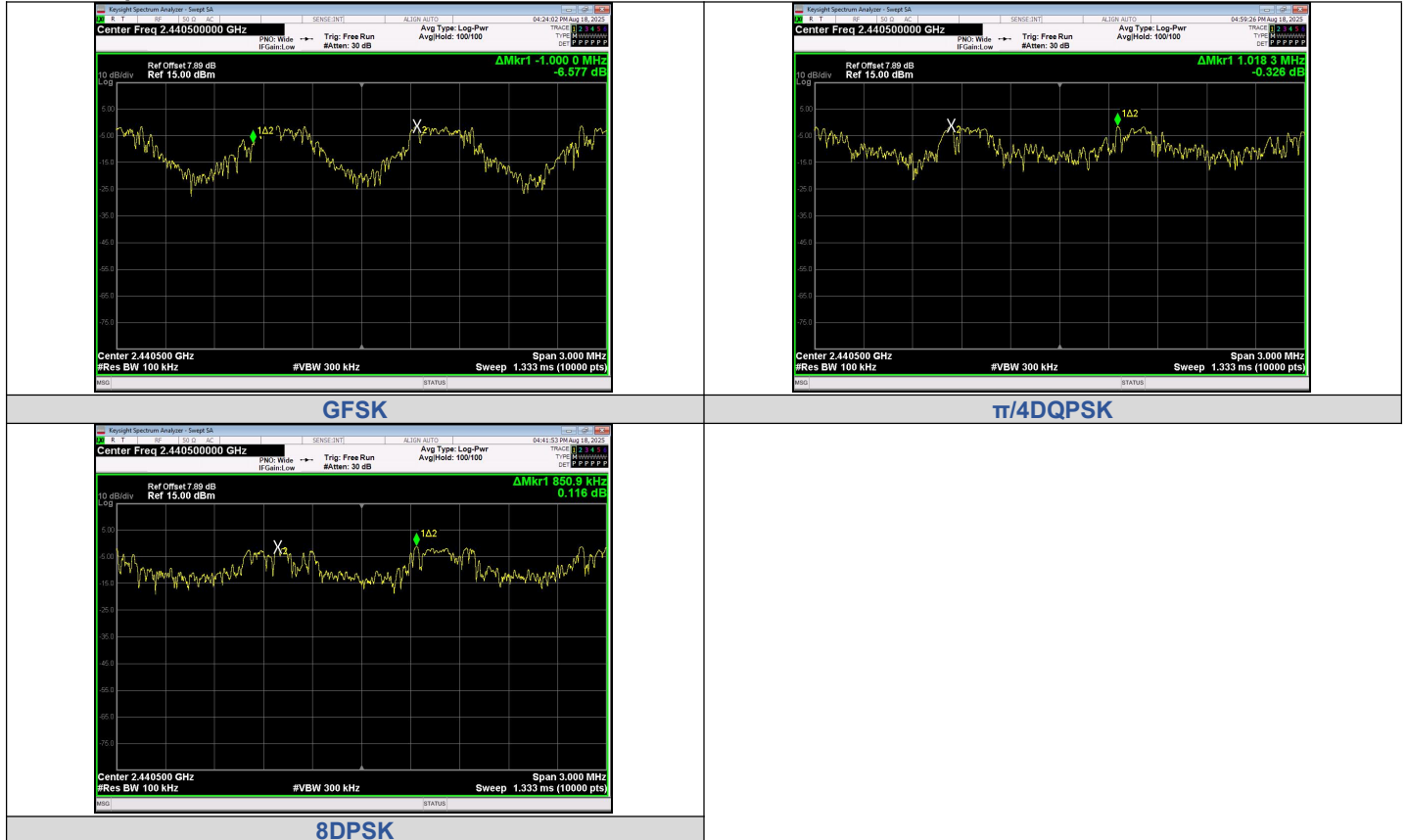


A.6 CARRIER FREQUENCIES SEPARATION

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH1	2439.9871	2440.8368	1	0.587	PASS
$\pi/4$ DQPSK	2-DH1	2439.8356	2440.8539	1.0183	0.787	PASS
8DPSK	3-DH1	2439.9856	2440.8365	0.8509	0.8	PASS

Test Graphs



A.7 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	DH1	0	2400.00	-51.080	-20.43	-30.650	PASS
			4803.02	-65.847	-20.43	-45.417	PASS
			7206.38	-63.782	-20.43	-43.352	PASS
			9607.24	-67.050	-20.43	-46.620	PASS
			21207.7	-53.062	-20.43	-32.632	PASS
		39	4881.05	-65.318	-21.44	-43.878	PASS
			7323.11	-65.964	-21.44	-44.524	PASS
			9764.55	-67.142	-21.44	-45.702	PASS
			21577.9	-51.653	-21.44	-30.213	PASS
		78	2483.50	-56.390	-23.3	-33.090	PASS
			4959.70	-64.838	-23.3	-41.538	PASS
			7439.85	-66.473	-23.3	-43.173	PASS
			9919.37	-64.318	-23.3	-41.018	PASS
			21586.0	-52.476	-23.3	-29.176	PASS
$\pi/4$ DQPSK	2-DH1	0	2400.00	-50.880	-20.43	-30.450	PASS
			4804.89	-66.880	-20.43	-46.450	PASS
			7205.75	-65.135	-20.43	-44.705	PASS
			9607.24	-67.012	-20.43	-46.582	PASS
			21165.9	-52.377	-20.43	-31.947	PASS
		39	4882.30	-65.067	-21.43	-43.637	PASS
			7323.11	-66.914	-21.43	-45.484	PASS
			9763.93	-67.145	-21.43	-45.715	PASS
			17913.5	-51.794	-21.43	-30.364	PASS
		78	2483.50	-56.300	-23.27	-33.030	PASS
			4959.70	-65.870	-23.27	-42.600	PASS
			7439.85	-65.999	-23.27	-42.729	PASS
			9919.99	-65.309	-23.27	-42.040	PASS
			21586.6	-52.491	-23.27	-29.221	PASS
8DPSK	3-DH1	0	2400.00	-50.840	-20.42	-30.420	PASS
			4804.89	-64.817	-20.42	-44.397	PASS
			7205.75	-66.263	-20.42	-45.843	PASS
			9608.49	-68.045	-20.42	-47.625	PASS
			21160.2	-52.644	-20.42	-32.224	PASS
		39	4882.30	-65.123	-21.41	-43.713	PASS
			7322.49	-67.099	-21.41	-45.689	PASS
			9763.31	-68.079	-21.41	-46.669	PASS
			21592.2	-52.461	-21.41	-31.051	PASS
		78	2483.50	-55.160	-23.27	-31.890	PASS
			4960.33	-65.677	-23.27	-42.407	PASS
			7439.22	-67.918	-23.27	-44.648	PASS
			9919.99	-64.891	-23.27	-41.621	PASS
			21183.3	-52.600	-23.27	-29.330	PASS

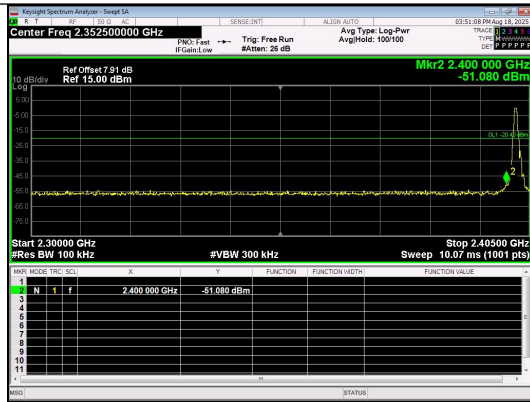
Test Graphs



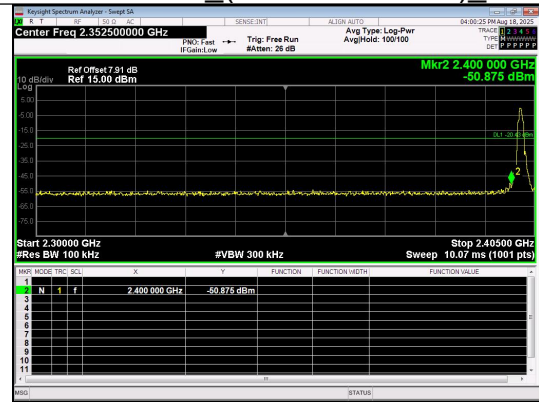
In-Band Reference Level
GFSK_DH1_Channel 0



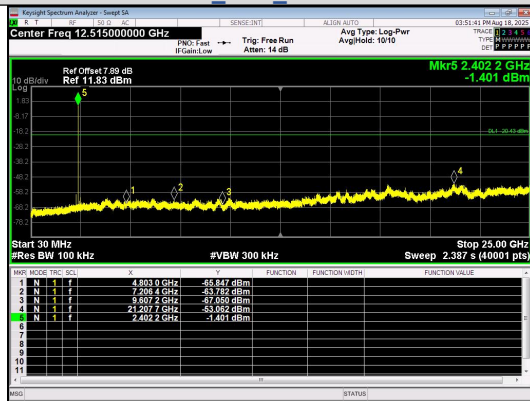
In-Band Reference Level
 $\pi/4$ DQPSK_2-DH1_Channel 0



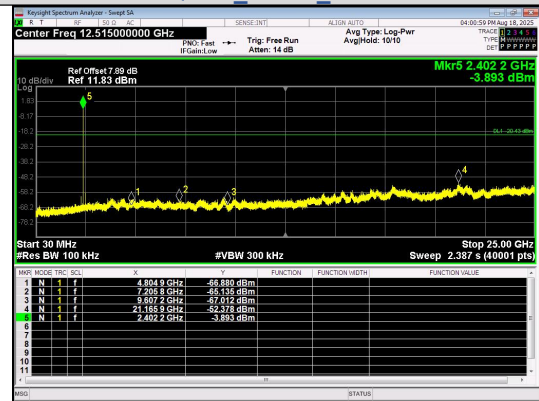
Out Of Band Emission
GFSK_DH1_Channel 0



Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 0



30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 0



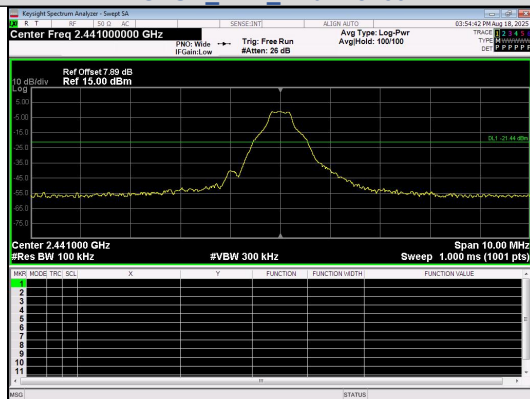
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 0



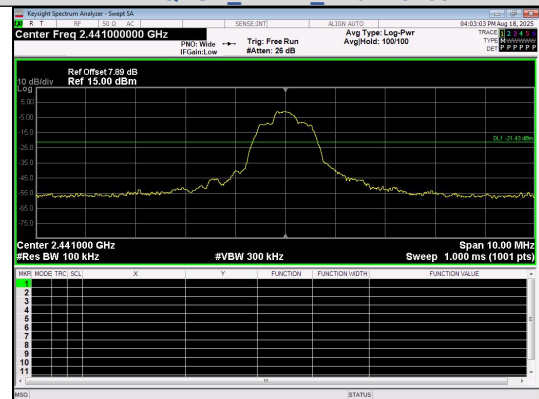
In-Band Reference Level
GFSK_DH1_Channel 39



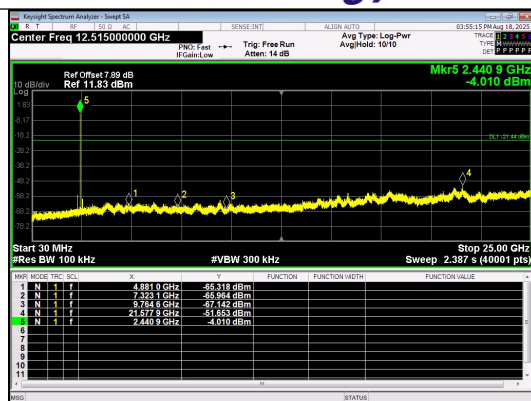
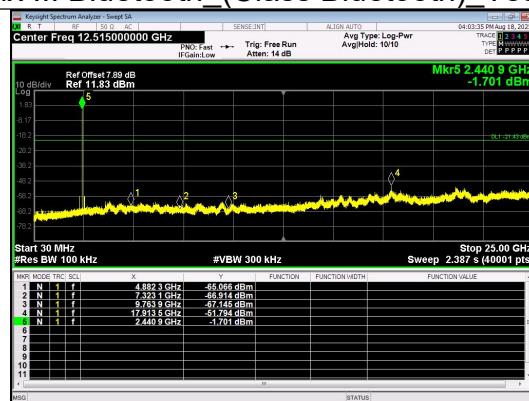
In-Band Reference Level
 $\pi/4$ DQPSK_2-DH1_Channel 39



Out Of Band Emission
GFSK_DH1_Channel 39



Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 39

30.0 MHz - 25000.0 MHz
GFSK DH1 Channel 39

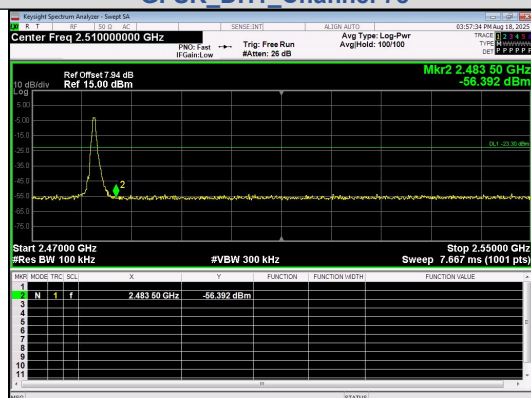
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK 2-DH1 Channel 39



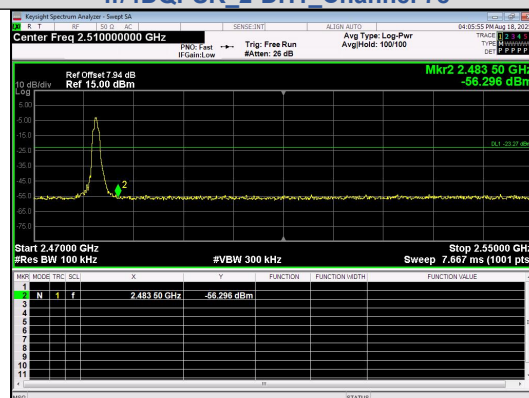
In-Band Reference Level
GFSK DH1 Channel 78



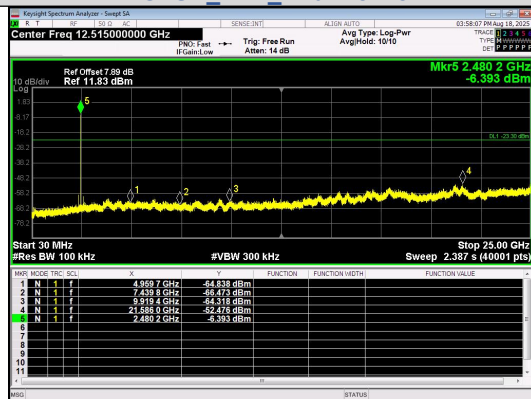
In-Band Reference Level
 $\pi/4$ DQPSK 2-DH1 Channel 78



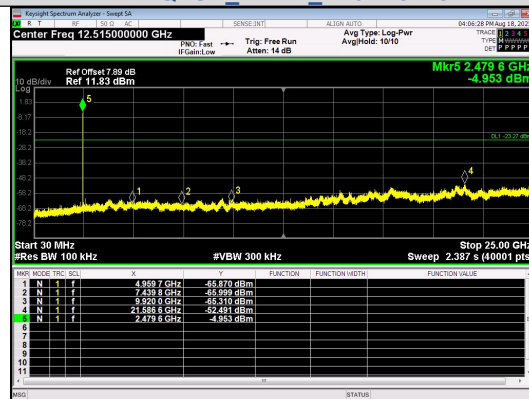
Out Of Band Emission GFSK DH1 Channel 78



Out Of Band Emission
π/4DQPSK 2-DH1 Channel 78



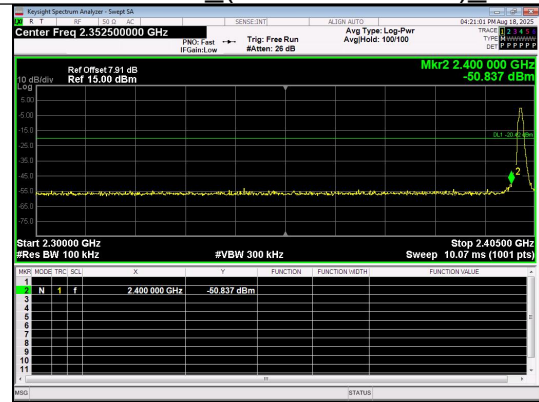
30.0 MHz - 25000.0 MHz
GFSK DH1 Channel 78



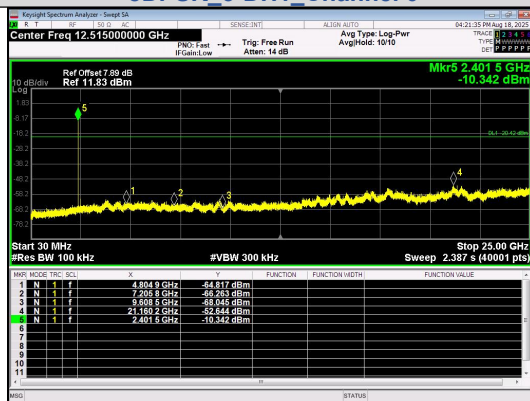
30.0 MHz - 25000.0 MHz
π/4DQPSK 2-DH1 Channel 78



**In-Band Reference Level
8DPSK_3-DH1_Channel 0**



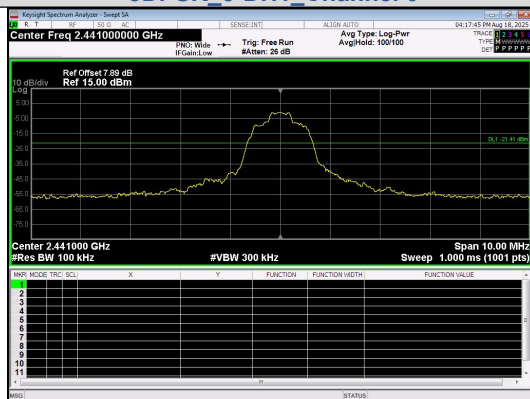
**Out Of Band Emission
8DPSK_3-DH1_Channel 0**



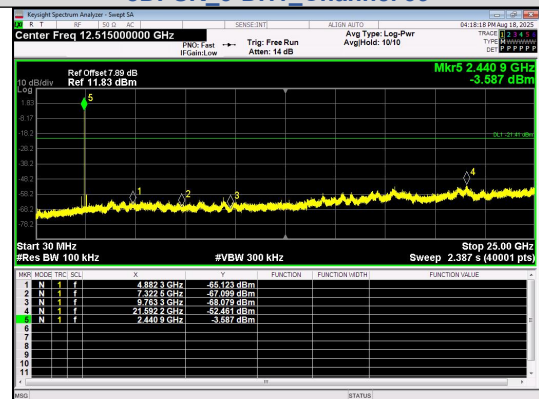
**30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 0**



**In-Band Reference Level
8DPSK_3-DH1_Channel 39**



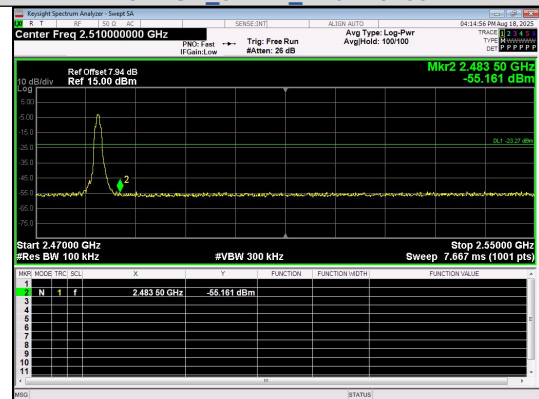
**Out Of Band Emission
8DPSK_3-DH1_Channel 39**



**30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 39**



**In-Band Reference Level
8DPSK_3-DH1_Channel 78**



**Out Of Band Emission
8DPSK_3-DH1_Channel 78**

