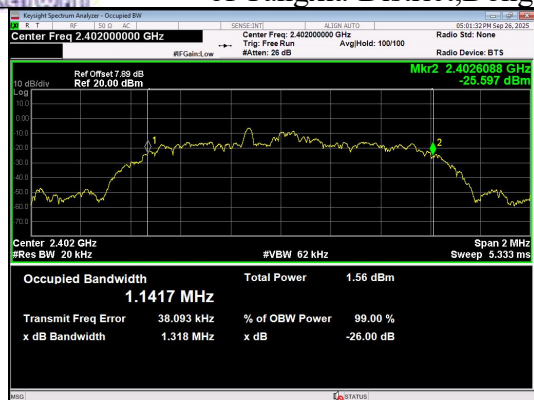




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8DPSK_3-DH1_Channel 0



8DPSK_3-DH1_Channel 39



8DPSK_3-DH1_Channel 78



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A.5 20DB BANDWIDTH

Test Result

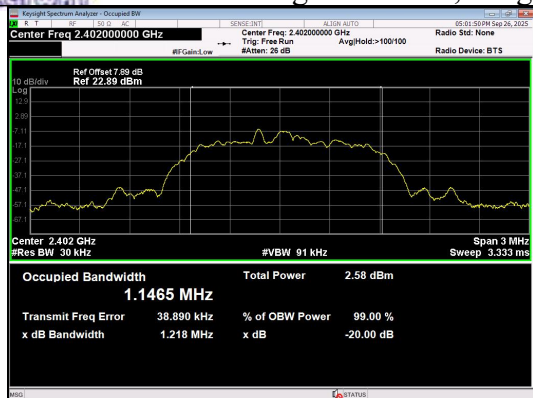
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.8700
	39	2441 MHz	0.8700
	78	2480 MHz	0.8700
π /4DQPSK	0	2402 MHz	1.290
	39	2441 MHz	1.270
	78	2480 MHz	1.300
8DPSK	0	2402 MHz	1.220
	39	2441 MHz	1.220
	78	2480 MHz	1.210

Test Graphs





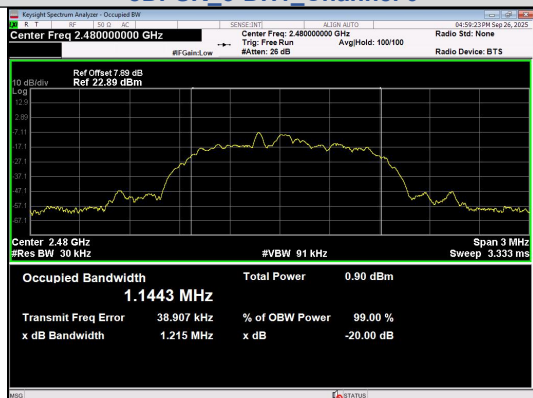
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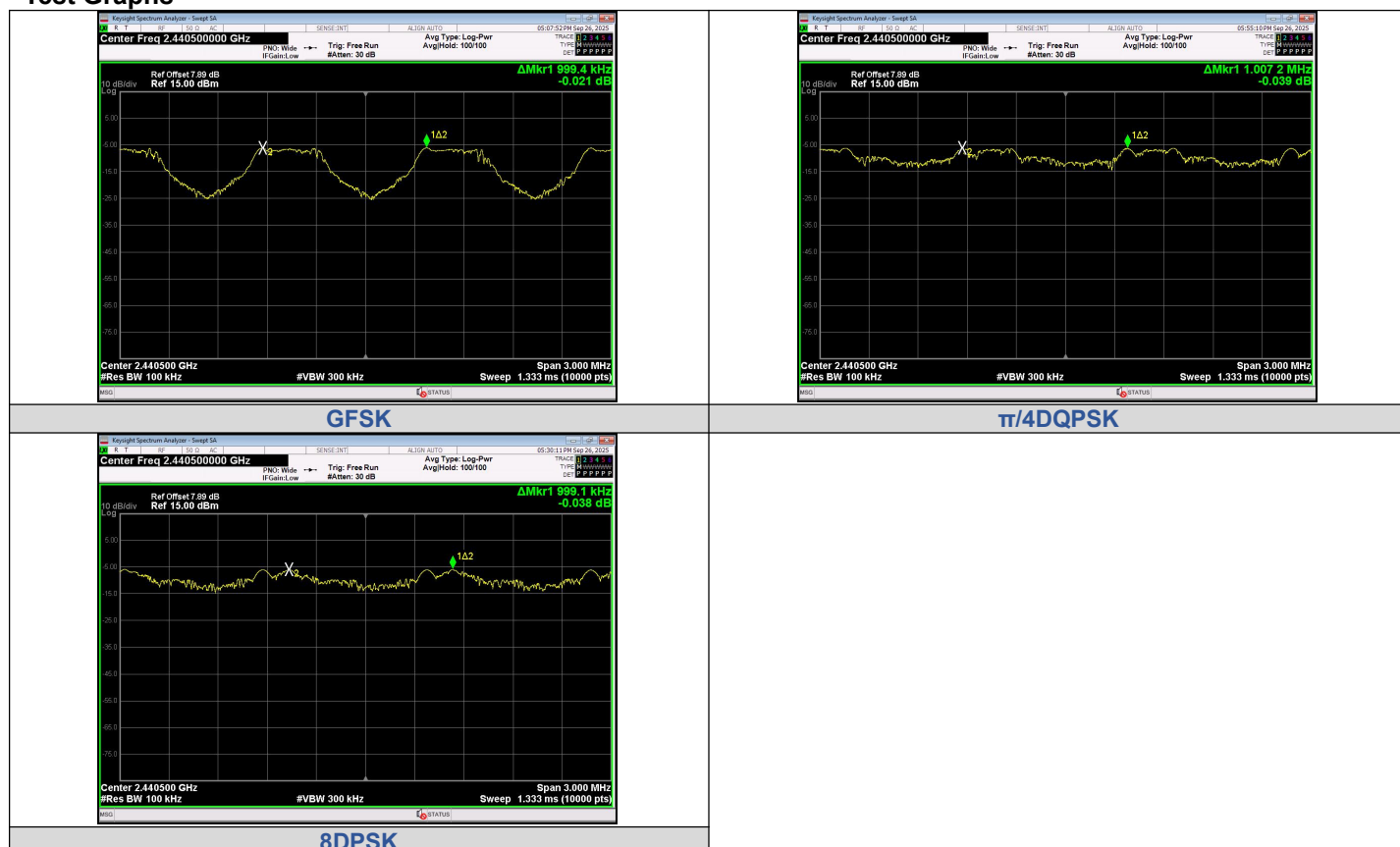
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A.6 CARRIER FREQUENCIES SEPARATION

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH1	2439.8722	2440.8716	0.9994	0.870	PASS
$\pi/4$ DQPSK	2-DH1	2439.871	2440.8782	1.0072	0.867	PASS
8DPSK	3-DH1	2440.0324	2441.0315	0.9991	0.813	PASS

Test Graphs





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A.7 CONDUCTED OUT OF BAND EMISSION

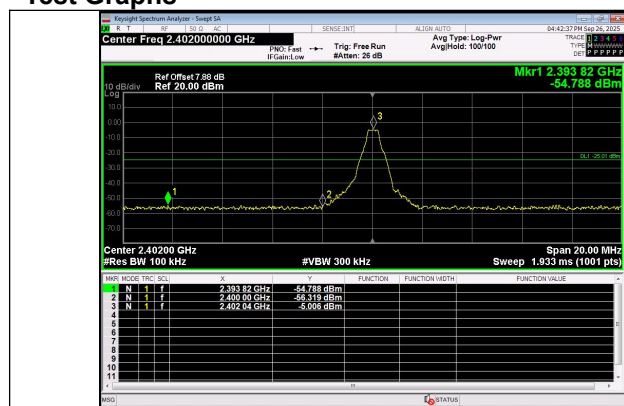
Test Result
Non-Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH1	0	2393.82	-54.788	-25.01	-29.778	PASS
			2400.00	-56.320	-25.01	-31.310	PASS
			21203.2	-46.515	-25.01	-21.505	PASS
		39	21140.8	-46.985	-26.07	-20.915	PASS
		78	2483.50	-55.810	-26.64	-29.170	PASS
			21564.7	-46.352	-26.64	-19.712	PASS
$\pi/4$ DQPSK	2-DH1	0	2398.52	-54.236	-25.02	-29.216	PASS
			2400.00	-55.560	-25.02	-30.540	PASS
			21557.2	-47.193	-25.02	-22.173	PASS
		39	21145.8	-46.005	-26.05	-19.955	PASS
		78	2483.50	-56.980	-26.7	-30.280	PASS
			21149.5	-46.828	-26.7	-20.128	PASS
8DPSK	3-DH1	0	2400.00	-53.550	-25.02	-28.530	PASS
			21149.5	-46.534	-25.02	-21.514	PASS
		39	21162.0	-46.930	-26.04	-20.890	PASS
		78	2483.50	-56.420	-26.66	-29.760	PASS
			21522.8	-46.253	-26.66	-19.593	PASS

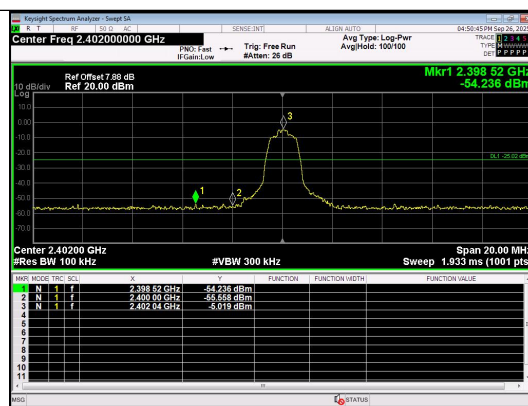
Hopping

Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH1	Hopping	2396.92	-52.516	-25.06	-27.456	PASS
			2400.00	-54.990	-25.06	-29.930	PASS
			2483.50	-54.980	-26.51	-28.470	PASS
$\pi/4$ DQPSK	2-DH1		2397.00	-53.333	-25.08	-28.253	PASS
			2400.00	-55.550	-25.08	-30.470	PASS
			2483.50	-55.120	-26.59	-28.530	PASS
8DPSK	3-DH1		2393.02	-52.914	-25.02	-27.894	PASS
			2400.00	-53.720	-25.02	-28.700	PASS
			2483.50	-55.840	-26.53	-29.310	PASS

Test Graphs



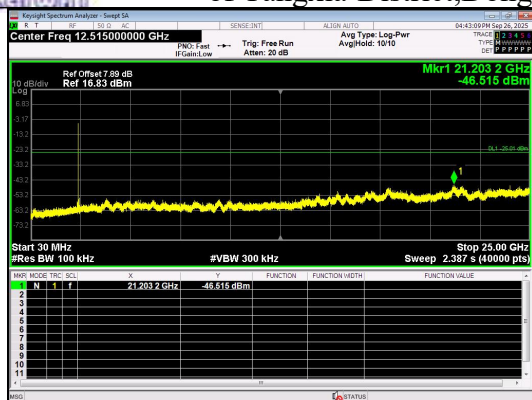
Out Of Band Emission
GFSK DH1_Channel 0



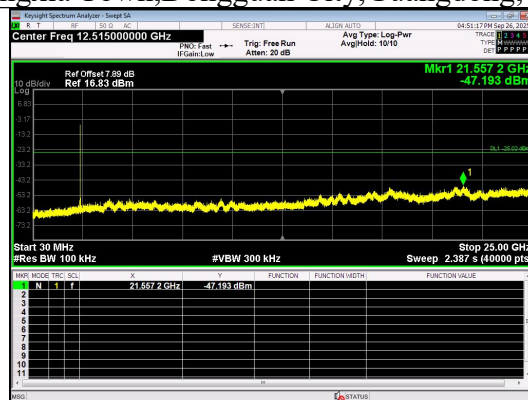
Out Of Band Emission
 $\pi/4$ DQPSK 2-DH1_Channel 0



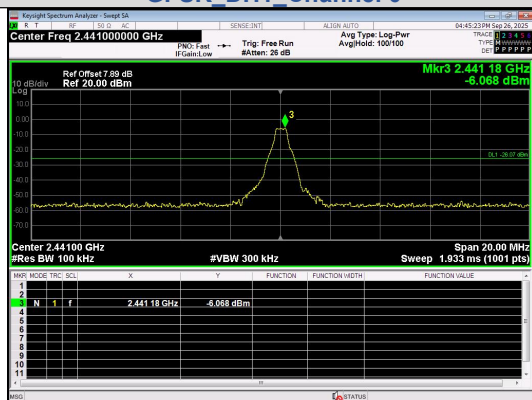
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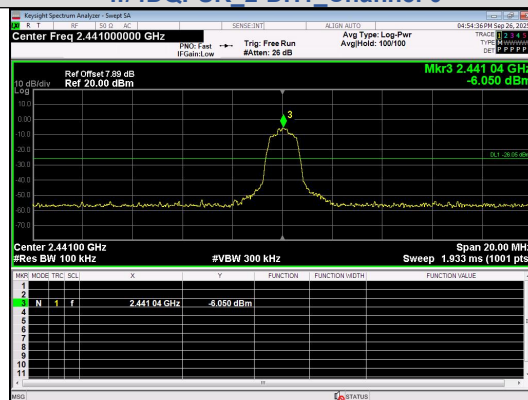
30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 0



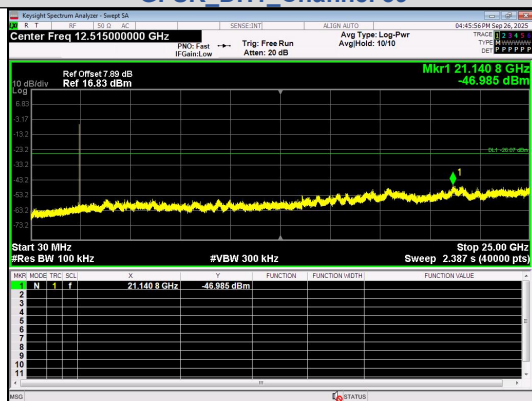
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 0



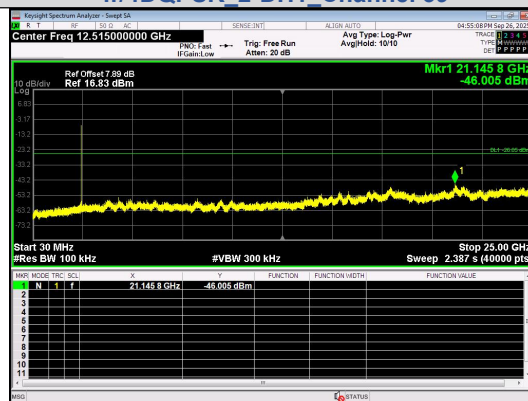
Out Of Band Emission
GFSK_DH1_Channel 39



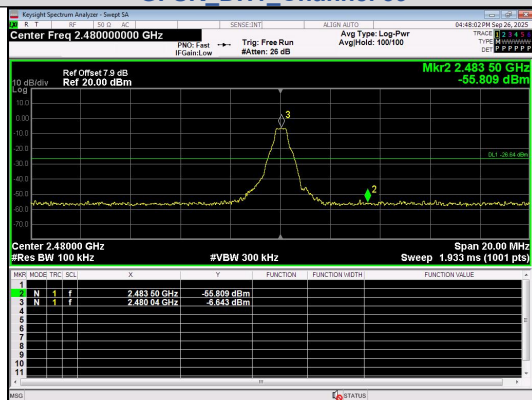
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 39



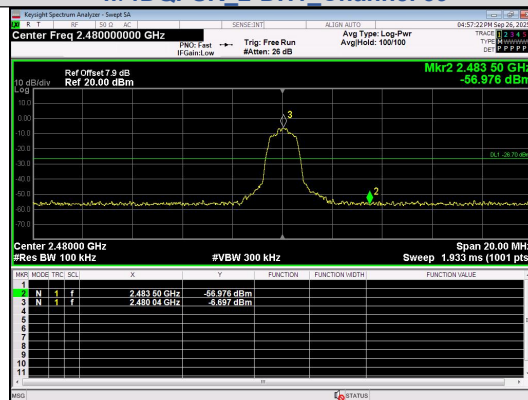
30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 39



30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 39



Out Of Band Emission
GFSK_DH1_Channel 78



Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 78