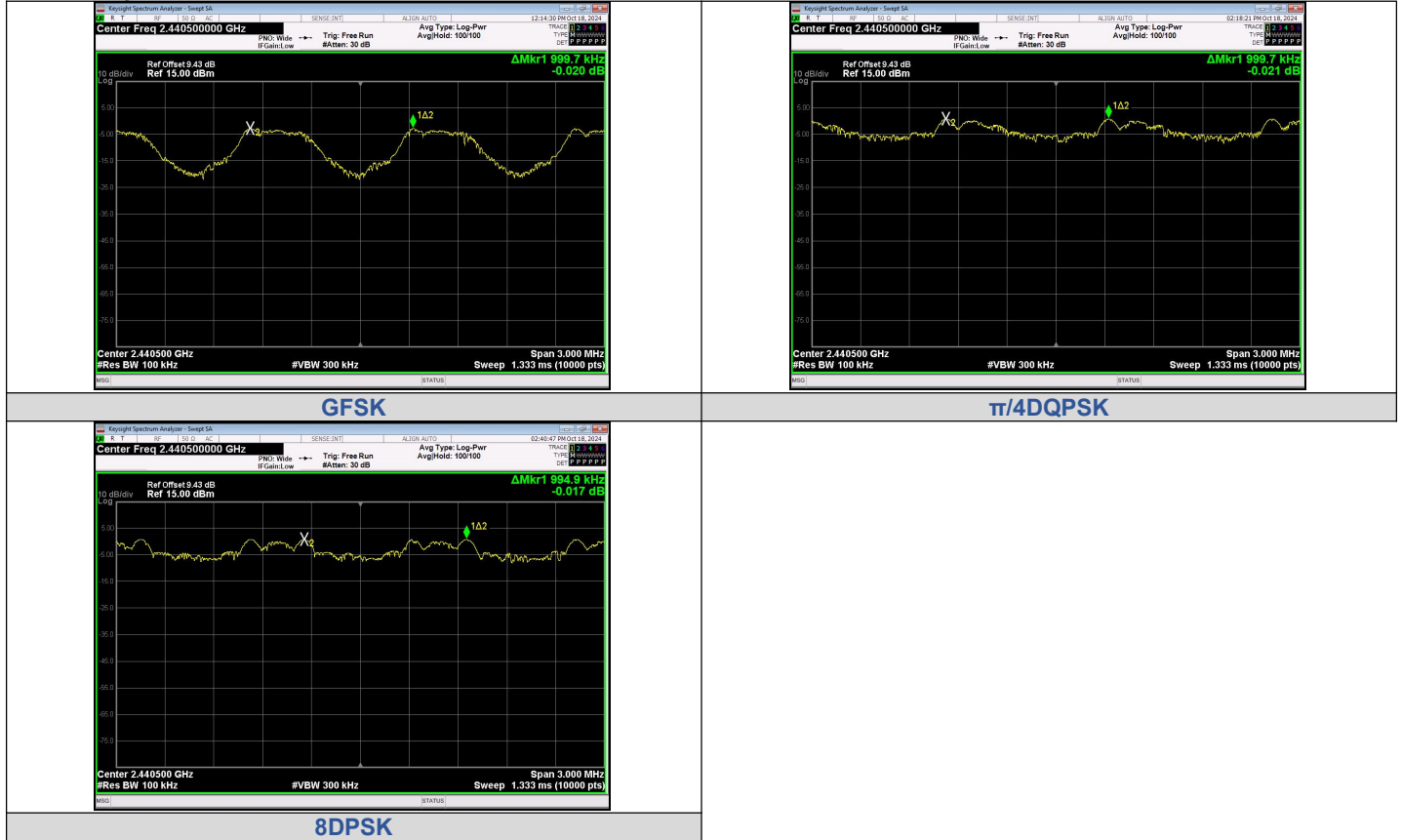


A.7 CARRIER FREQUENCIES SEPARATION

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH1	2439.8233	2440.823	0.9997	0.664	PASS
$\pi/4$ DQPSK	2-DH1	2439.8245	2440.8242	0.9997	0.836	PASS
8DPSK	3-DH1	2440.1566	2441.1515	0.9949	0.819	PASS

Test Graphs



A.8 CONDUCTED OUT OF BAND EMISSION

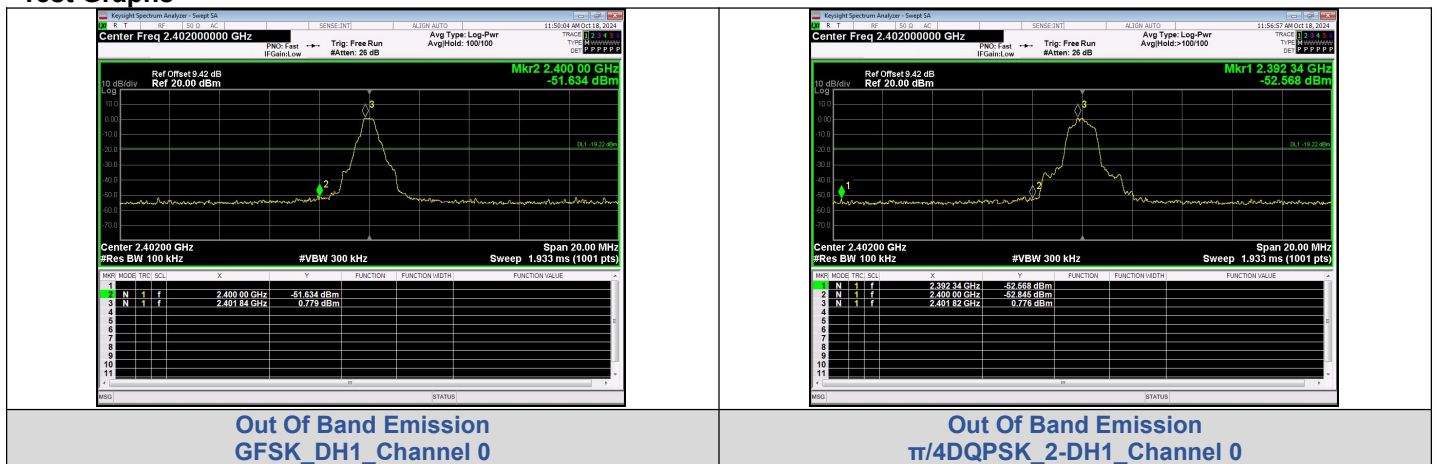
Test Result Non-Hopping

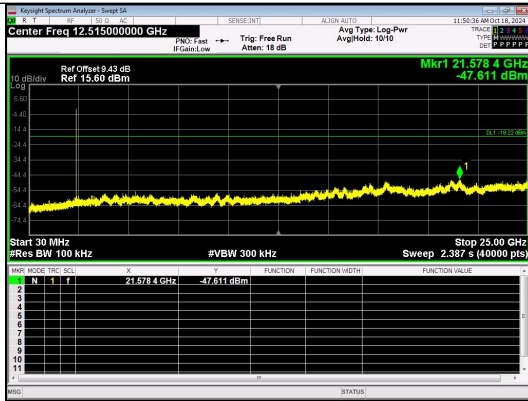
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH1	0	2400.00	-51.634	-19.22	-32.414	PASS
			21578.4	-47.611	-19.22	-28.391	PASS
		39	21210.1	-47.516	-19.18	-28.336	PASS
		78	2483.50	-53.172	-18.8	-34.372	PASS
			21165.1	-48.167	-18.8	-29.367	PASS
π/4DQPSK	2-DH1	0	2392.34	-52.568	-19.22	-33.348	PASS
			2400.00	-52.845	-19.22	-33.625	PASS
			21171.4	-47.365	-19.22	-28.145	PASS
		39	21127.1	-47.450	-19.14	-28.310	PASS
		78	2483.50	-54.636	-18.81	-35.826	PASS
			21558.4	-47.200	-18.81	-28.390	PASS
8DPSK	3-DH1	0	2400.00	-51.533	-19.19	-32.343	PASS
			21227.6	-47.390	-19.19	-28.200	PASS
		39	21556.5	-46.716	-19.09	-27.626	PASS
		78	2483.50	-54.118	-18.78	-35.338	PASS
			21576.5	-45.703	-18.78	-26.923	PASS

Hopping

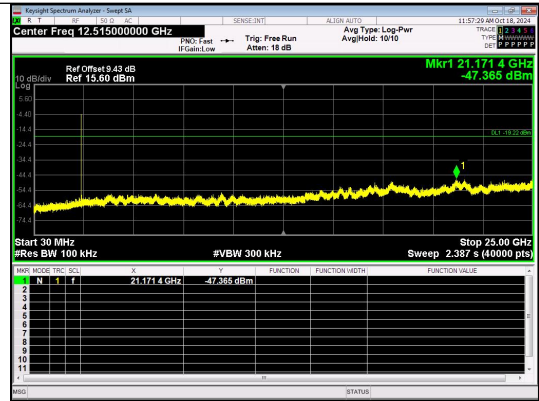
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH1	Hopping	2396.72	-52.349	-22.79	-29.559	PASS
			2400.00	-52.828	-22.79	-30.038	PASS
			2483.50	-53.937	-22.5	-31.437	PASS
π/4DQPSK	2-DH1		2391.32	-51.485	-19.17	-32.315	PASS
			2400.00	-52.564	-19.17	-33.394	PASS
			2483.50	-52.868	-18.98	-33.888	PASS
8DPSK	3-DH1		2395.98	-52.255	-19.12	-33.135	PASS
			2400.00	-53.709	-19.12	-34.589	PASS
			2483.50	-52.668	-18.92	-33.748	PASS

Test Graphs

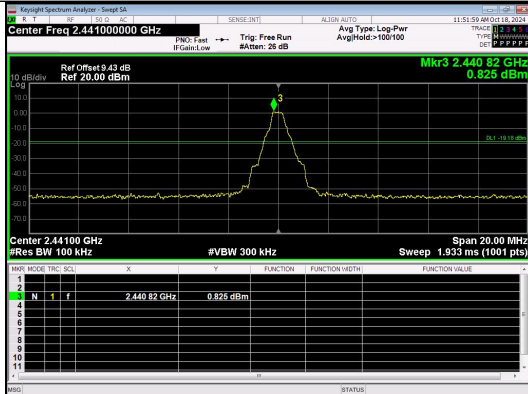




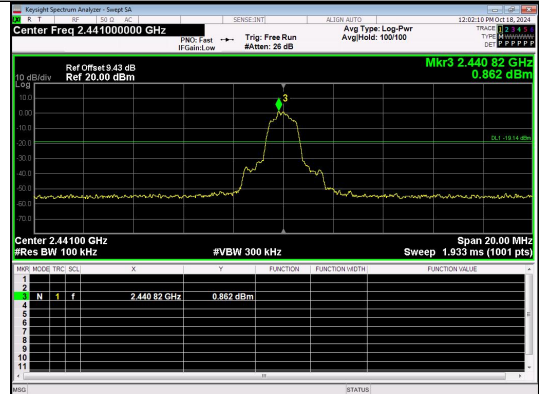
30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 0



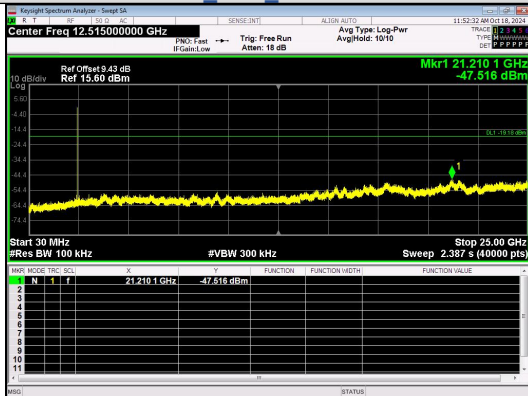
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 0



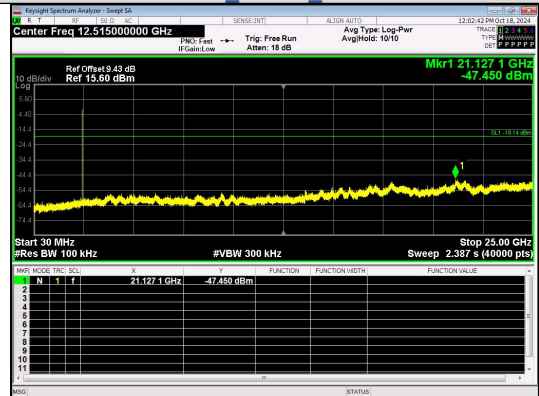
Out Of Band Emission
GFSK_DH1_Channel 39



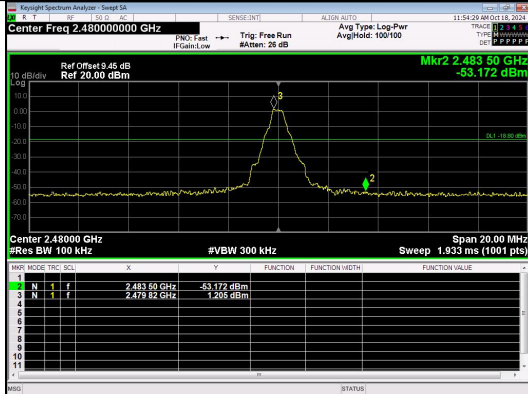
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 39



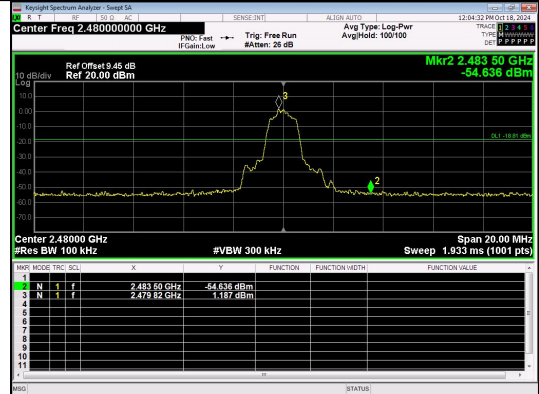
30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 39



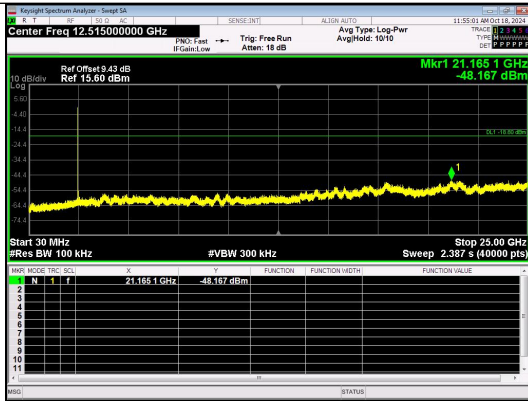
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 $\pi/4$ DQPSK_2-DH1_Channel 39



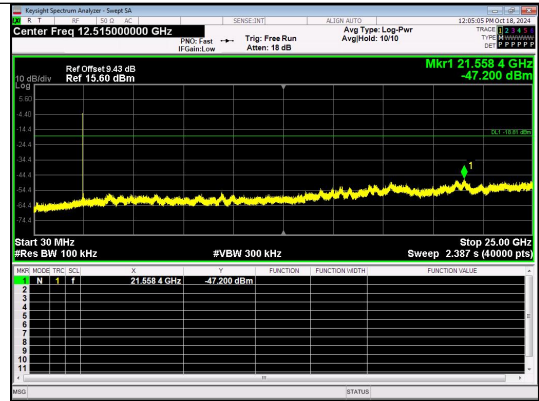
Out Of Band Emission
GFSK_DH1_Channel 78



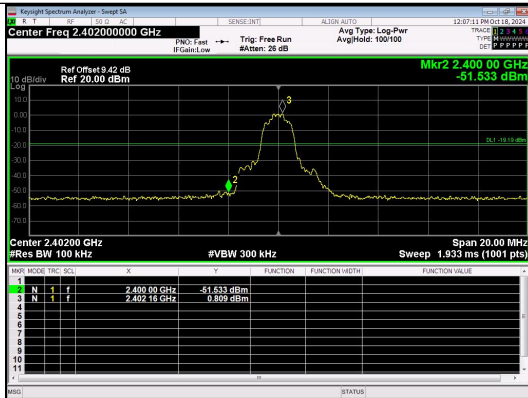
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 78



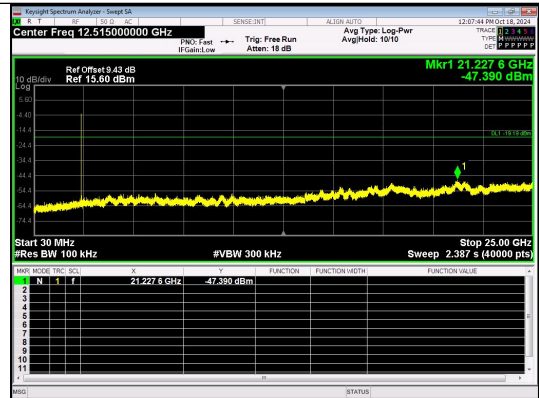
30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 78



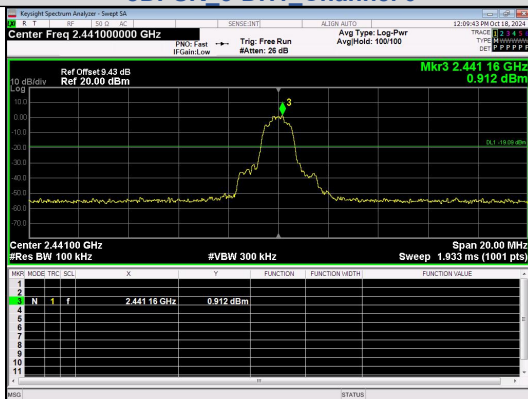
30.0 MHz - 25000.0 MHz
 $\pi/4$ QPSK_2-DH1_Channel 78



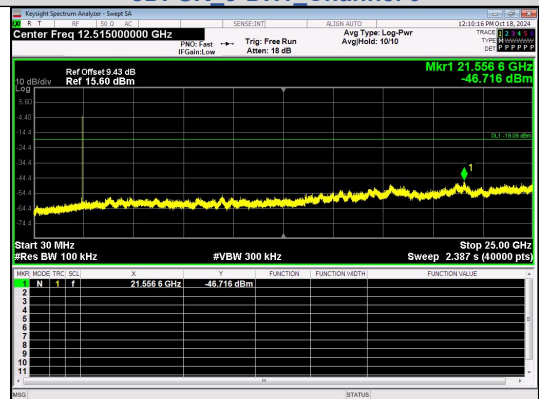
Out Of Band Emission
8DPSK_3-DH1_Channel 0



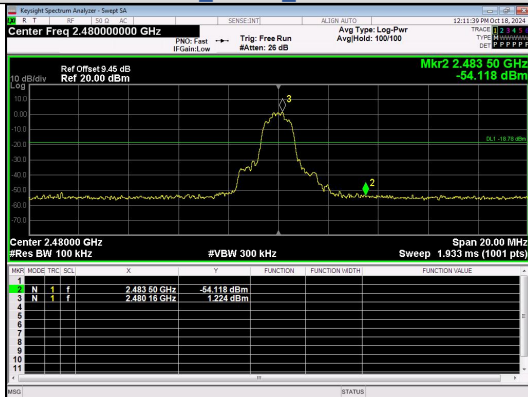
30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 0



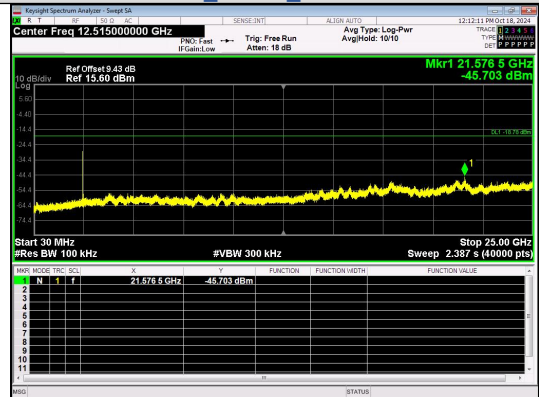
Out Of Band Emission
8DPSK_3-DH1_Channel 39



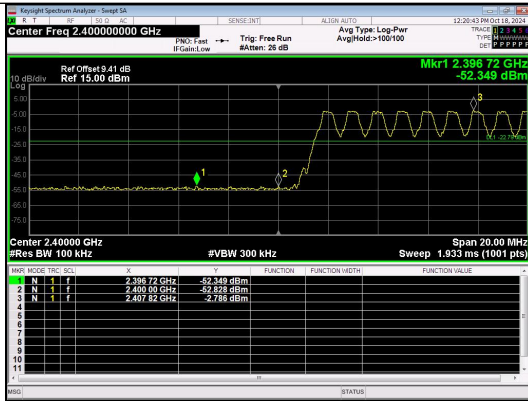
30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 39



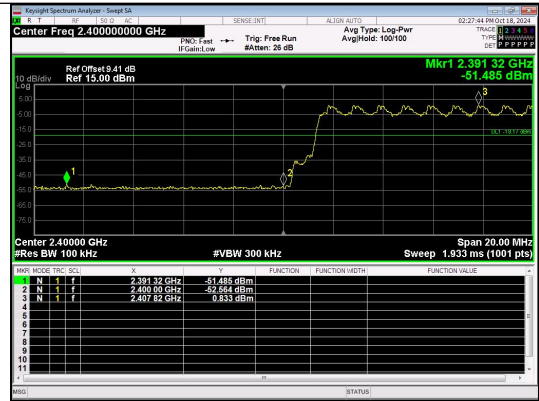
Out Of Band Emission
8DPSK_3-DH1_Channel 78



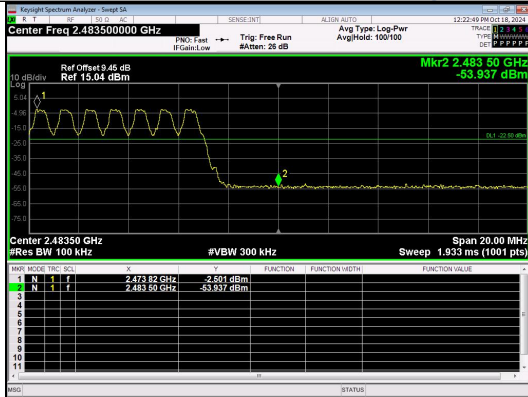
30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 78



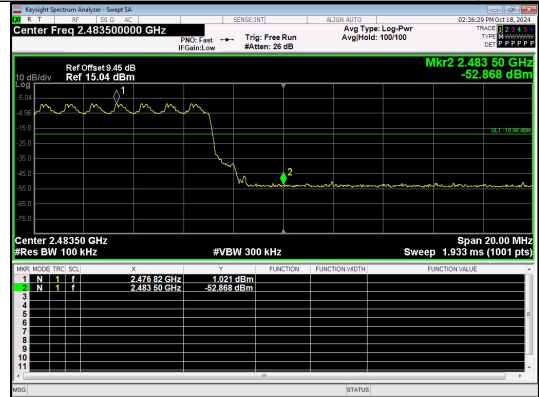
Out Of Band Emission(Left)
GFSK_DH1_Channel Hopping



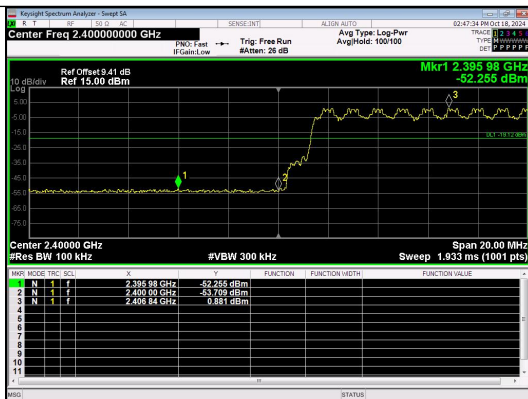
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH1_Channel Hopping



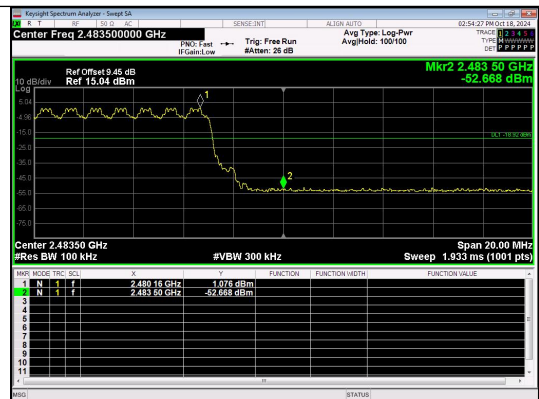
Out Of Band Emission(Right)
GFSK_DH1_Channel Hopping



Out Of Band Emission(Right)
 $\pi/4$ DQPSK_2-DH1_Channel Hopping



Out Of Band Emission(Left)
8DPSK_3-DH1_Channel Hopping



Out Of Band Emission(Right)
8DPSK_3-DH1_Channel Hopping