



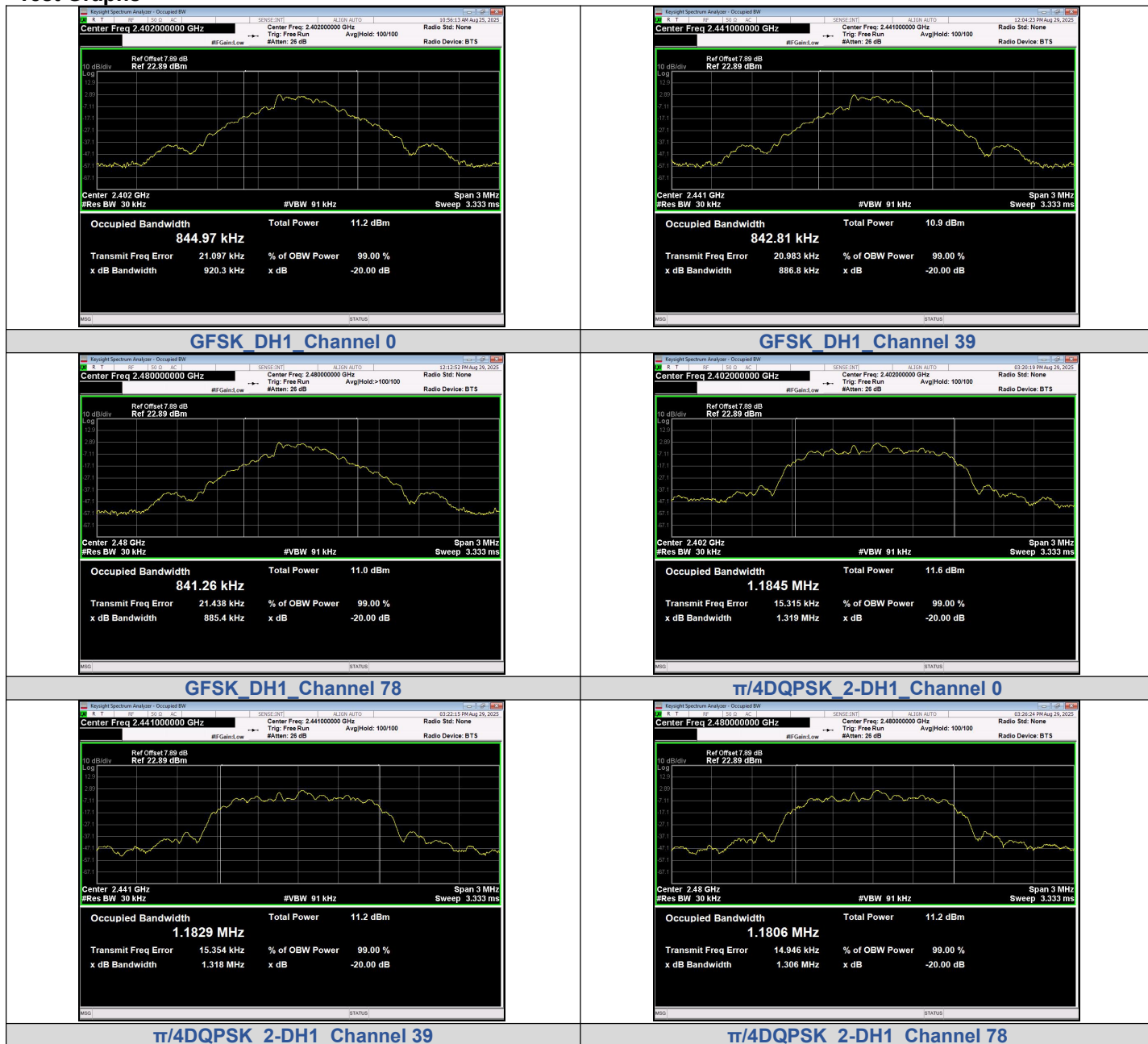
Keyway Testing Technology (Guangdong) Co., Ltd
Room 2102, Building 6, Dongyi Intelligent Equipment New Energy Vehicle Park,
No.30 of Tangxia District, Dongshen Road, Tangxia Town, Dongguan, 523710,
People's Republic of China

A.5 20DB BANDWIDTH

Test Result

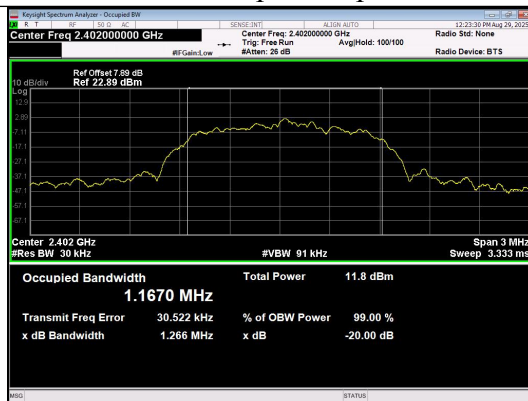
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9200
	39	2441 MHz	0.8900
	78	2480 MHz	0.8900
π /4QPSK	0	2402 MHz	1.320
	39	2441 MHz	1.320
	78	2480 MHz	1.310
8DPSK	0	2402 MHz	1.270
	39	2441 MHz	1.260
	78	2480 MHz	1.270

Test Graphs

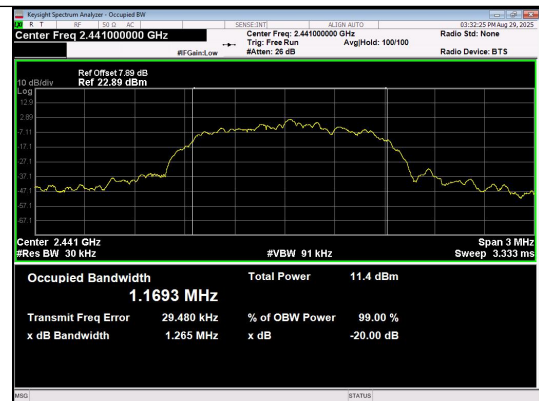




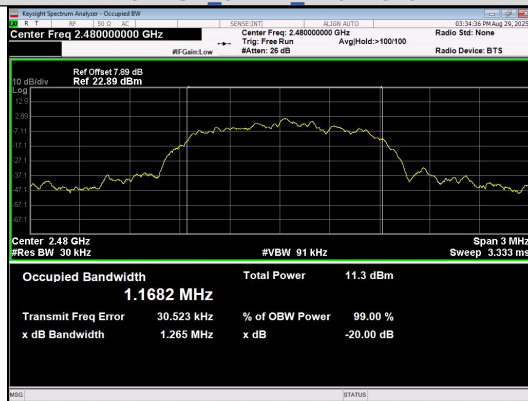
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8DPSK_3-DH1_Channel 0



8DPSK_3-DH1_Channel 39



8DPSK_3-DH1_Channel 78



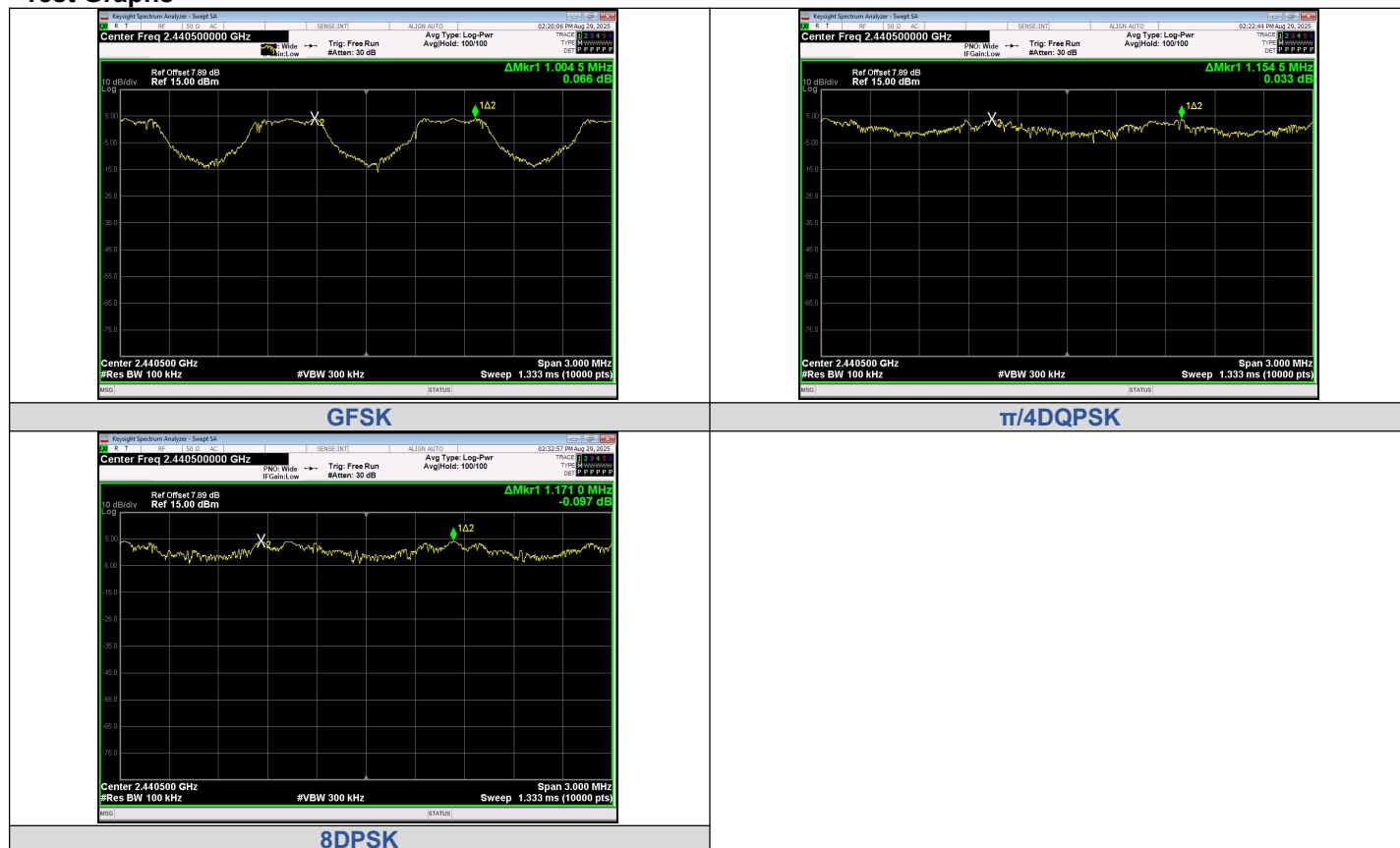
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A.6 CARRIER FREQUENCIES SEPARATION

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH1	2440.1854	2440.8539	1.0045	0.920	PASS
$\pi/4$ DQPSK	2-DH1	2440.0423	2441.1968	1.1545	0.88	PASS
8DPSK	3-DH1	2439.8602	2441.0312	1.1710	0.847	PASS

Test Graphs





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A.7 CONDUCTED OUT OF BAND EMISSION

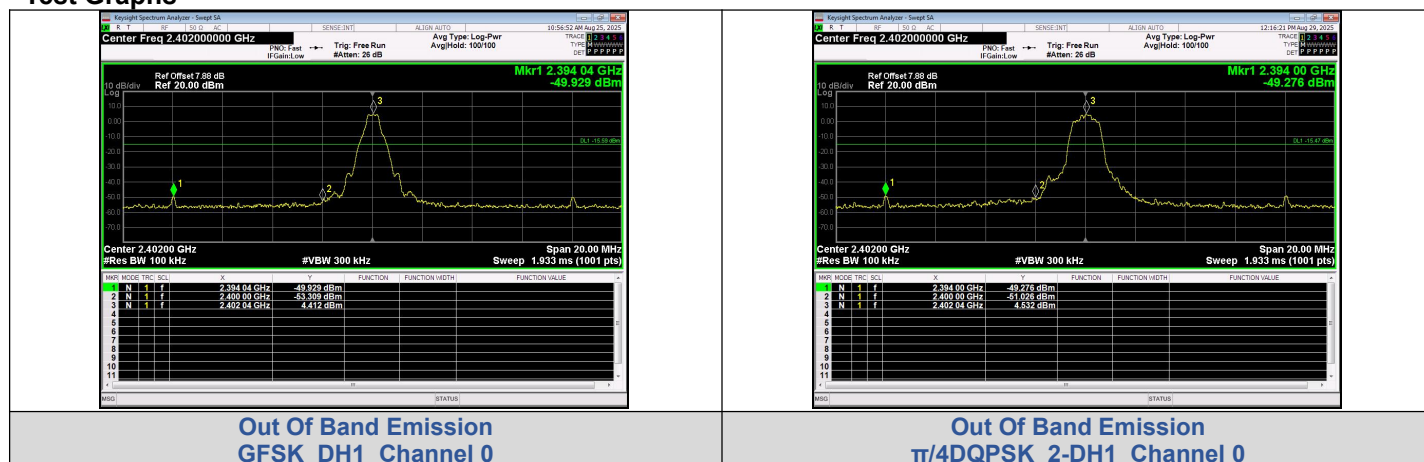
Test Result
Non-Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH1	0	2394.04	-49.929	-15.59	-34.340	PASS
			2400.00	-53.310	-15.59	-37.720	PASS
			21164.5	-46.220	-15.59	-30.630	PASS
		39	21149.5	-46.590	-15.79	-30.800	PASS
		78	2483.50	-55.510	-15.77	-39.740	PASS
			21607.7	-46.492	-15.77	-30.722	PASS
$\pi/4$ DQPSK	2-DH1	0	2394.00	-49.276	-15.47	-33.806	PASS
			2400.00	-51.030	-15.47	-35.560	PASS
			21139.5	-45.466	-15.47	-29.996	PASS
		39	21195.1	-47.411	-15.87	-31.541	PASS
		78	2483.50	-56.770	-15.73	-41.040	PASS
			21576.5	-46.701	-15.73	-30.971	PASS
8DPSK	3-DH1	0	2394.02	-49.078	-15.41	-33.668	PASS
			2400.00	-49.500	-15.41	-34.090	PASS
			21194.5	-46.906	-15.41	-31.496	PASS
		39	21586.5	-46.580	-15.79	-30.790	PASS
		78	2483.50	-52.760	-15.76	-37.000	PASS
			24935.1	-47.219	-15.76	-31.459	PASS

Hopping

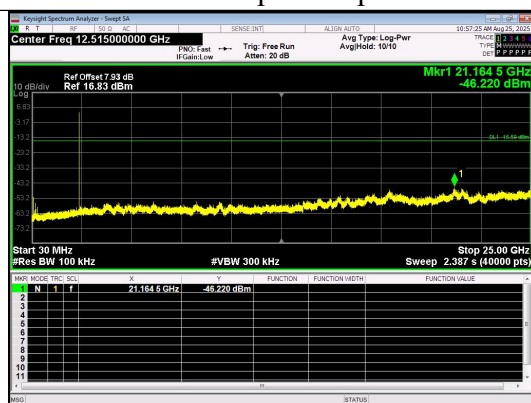
Hopping							
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH1	Hopping	2397.02	-48.853	-15.64	-33.213	PASS
			2400.00	-50.770	-15.64	-35.130	PASS
			2483.50	-55.280	-15.74	-39.540	PASS
π/4DQPSK	2-DH1		2395.00	-49.285	-15.58	-33.705	PASS
			2400.00	-51.100	-15.58	-35.520	PASS
			2483.50	-53.120	-15.76	-37.360	PASS
8DPSK	3-DH1		2398.02	-48.396	-15.65	-32.746	PASS
			2400.00	-49.750	-15.65	-34.100	PASS
			2483.50	-54.170	-15.77	-38.400	PASS

Test Graphs

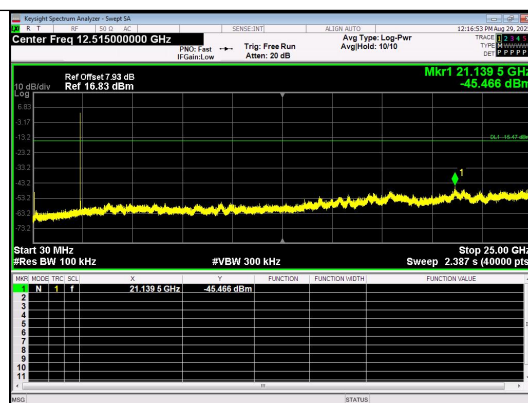




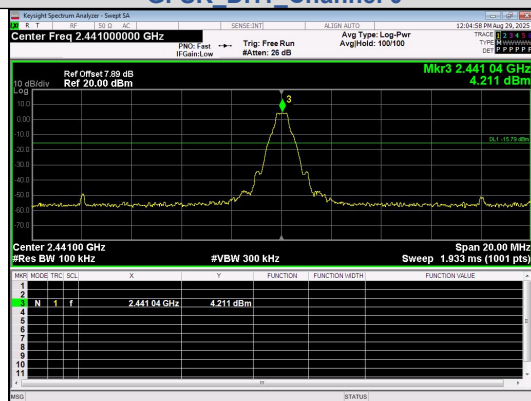
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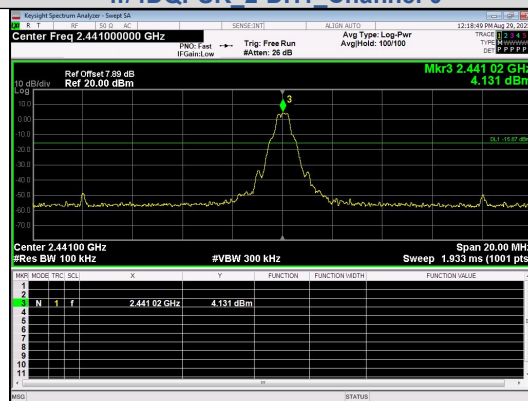
30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 0



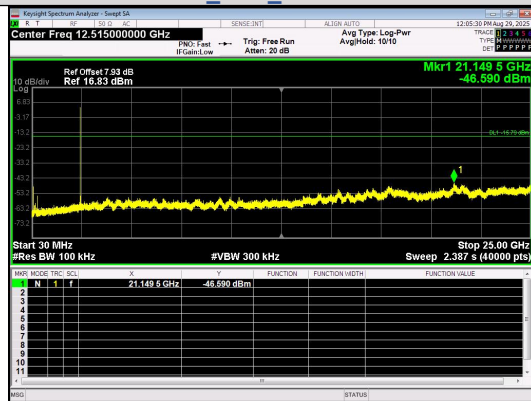
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 0



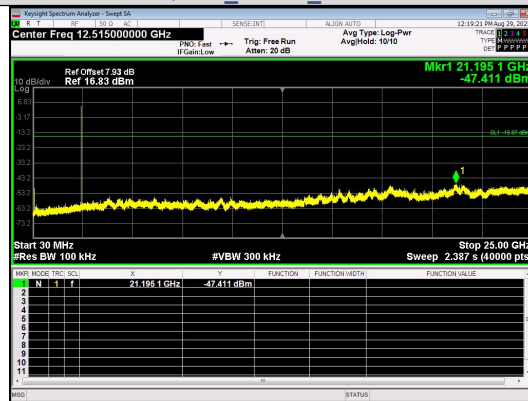
Out Of Band Emission
GFSK_DH1_Channel 39



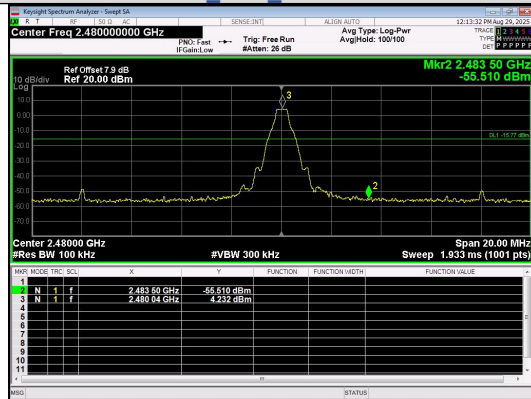
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 39



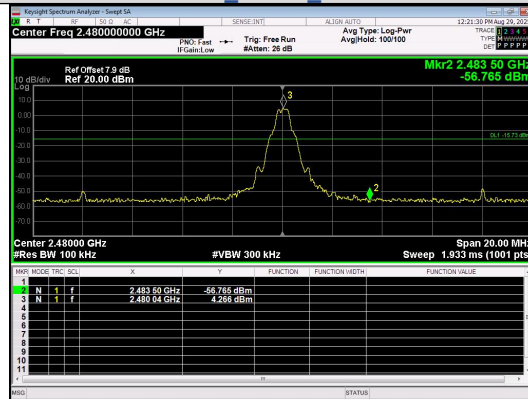
30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 39



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



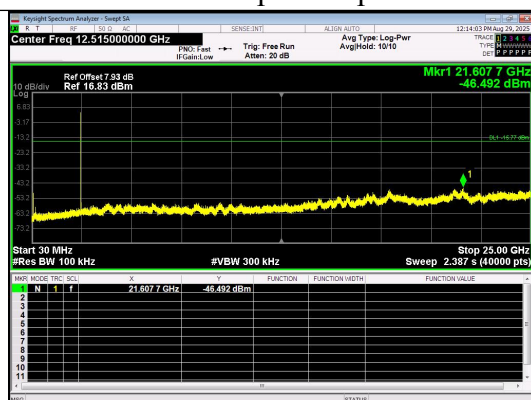
Out Of Band Emission
GFSK_DH1_Channel 78



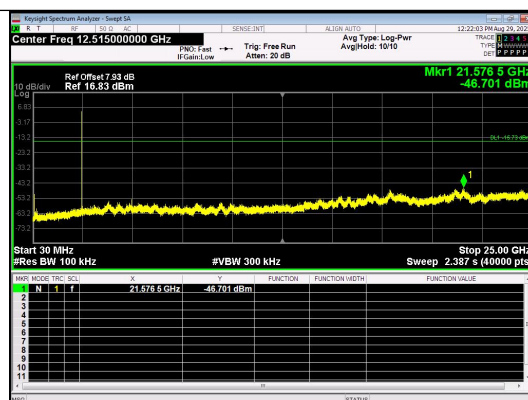
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 78



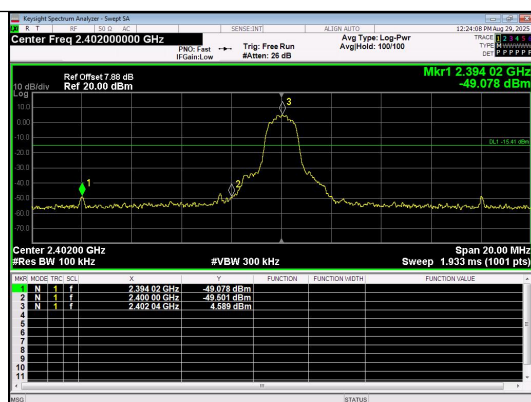
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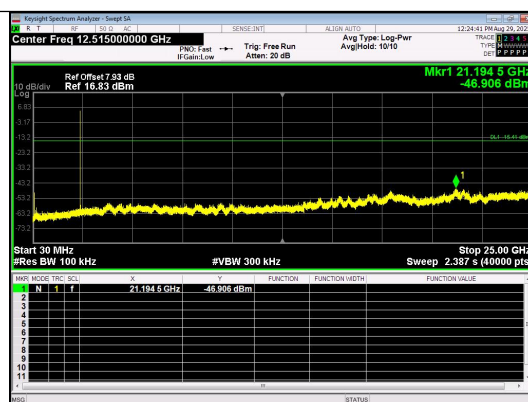
30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 78



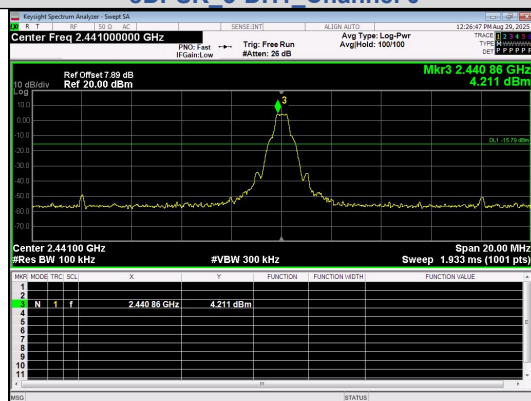
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 78



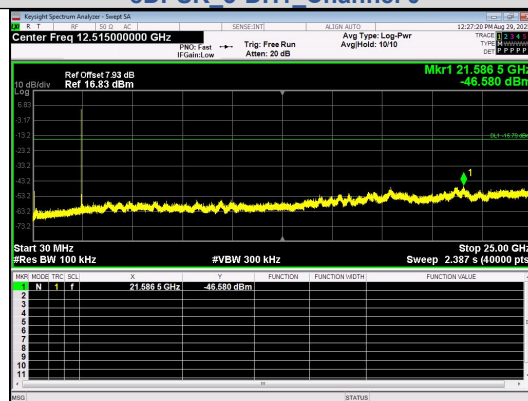
Out Of Band Emission
8DPSK_3-DH1_Channel 0



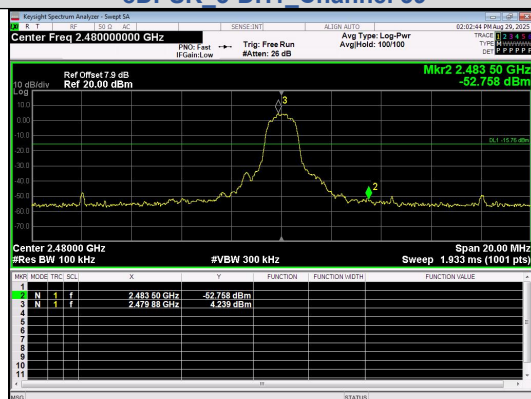
30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 0



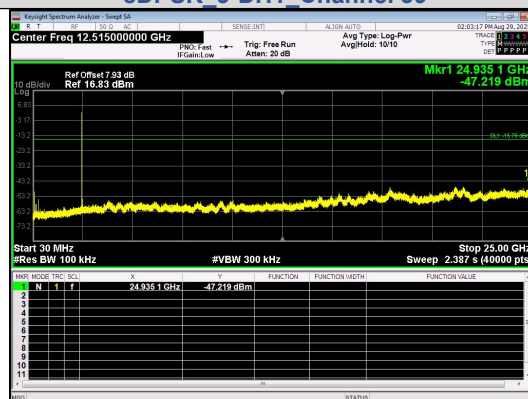
Out Of Band Emission
8DPSK_3-DH1_Channel 39



30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 39



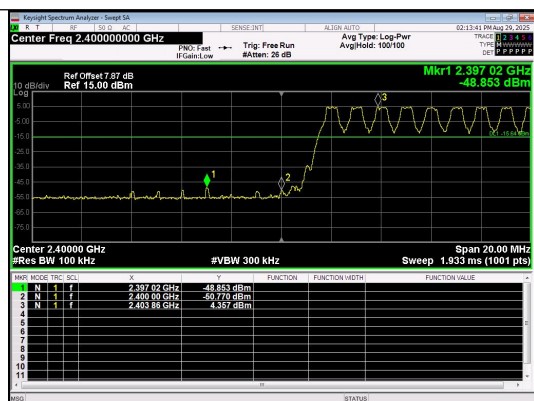
Out Of Band Emission
8DPSK_3-DH1_Channel 78



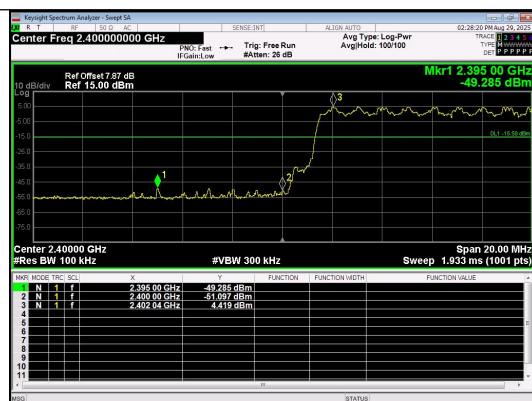
30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 78



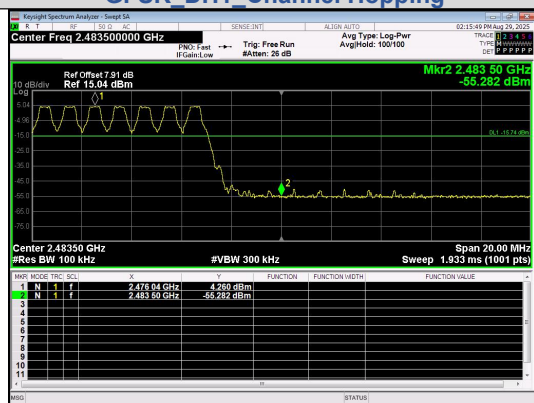
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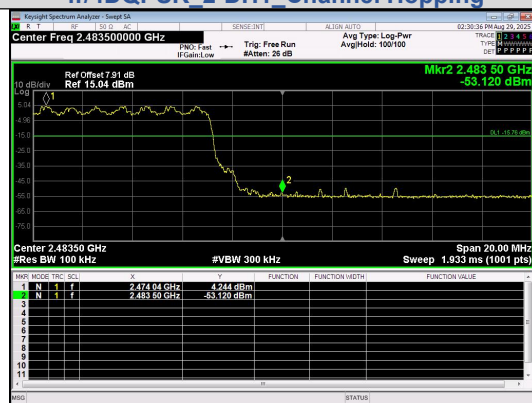
Out Of Band Emission(Left)
GFSK_DH1_Channel Hopping



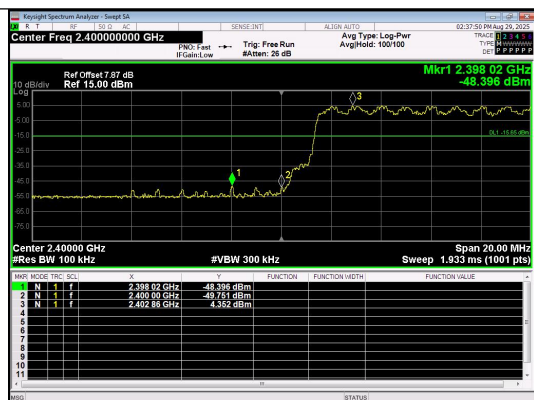
Out Of Band Emission(Left)
 $\pi/4$ DQPSK_2-DH1_Channel Hopping



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