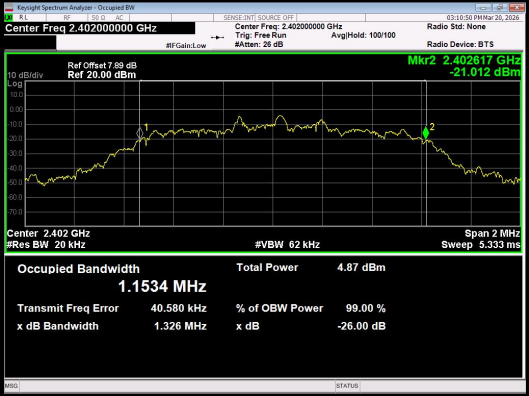
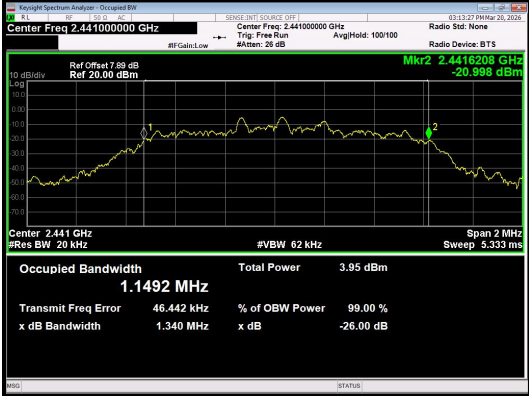




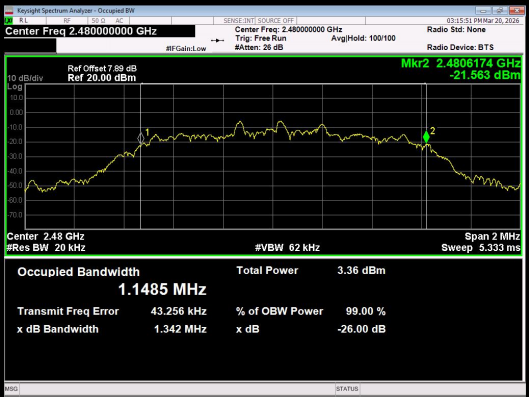
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Tangxia District, Dongshen Road,Tangxia, Dongguan, Guangdong, China



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

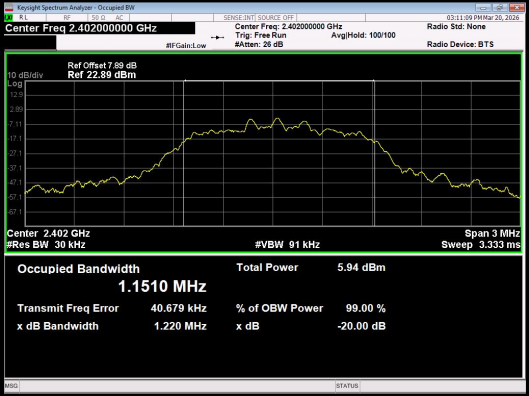
Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.9738
	39	2441 MHz	0.9817
	78	2480 MHz	0.9255
$\pi/4$ DQPSK	0	2402 MHz	1.278
	39	2441 MHz	1.274
	78	2480 MHz	1.268
8DPSK	0	2402 MHz	1.220
	39	2441 MHz	1.219
	78	2480 MHz	1.249

Test Graphs

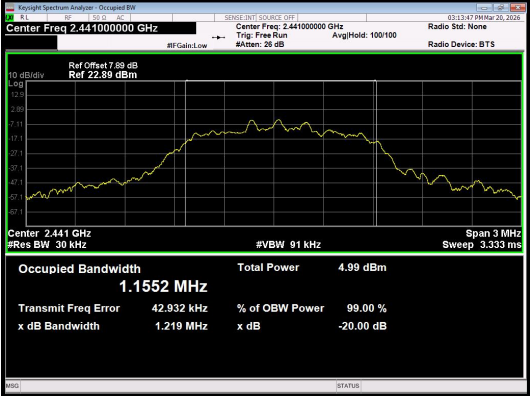




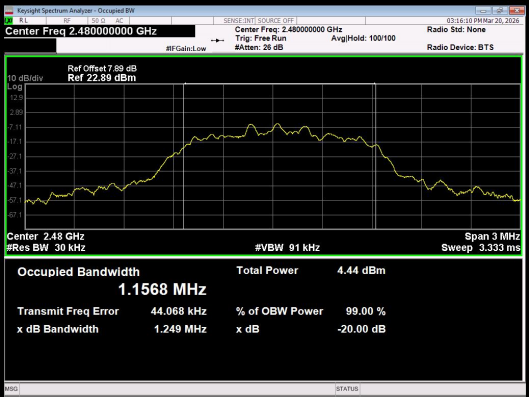
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Tangxia District, Dongshen Road,Tangxia, Dongguan, Guangdong, China



8DPSK_3-DH1_Channel 0



8DPSK_3-DH1_Channel 39



8DPSK_3-DH1_Channel 78



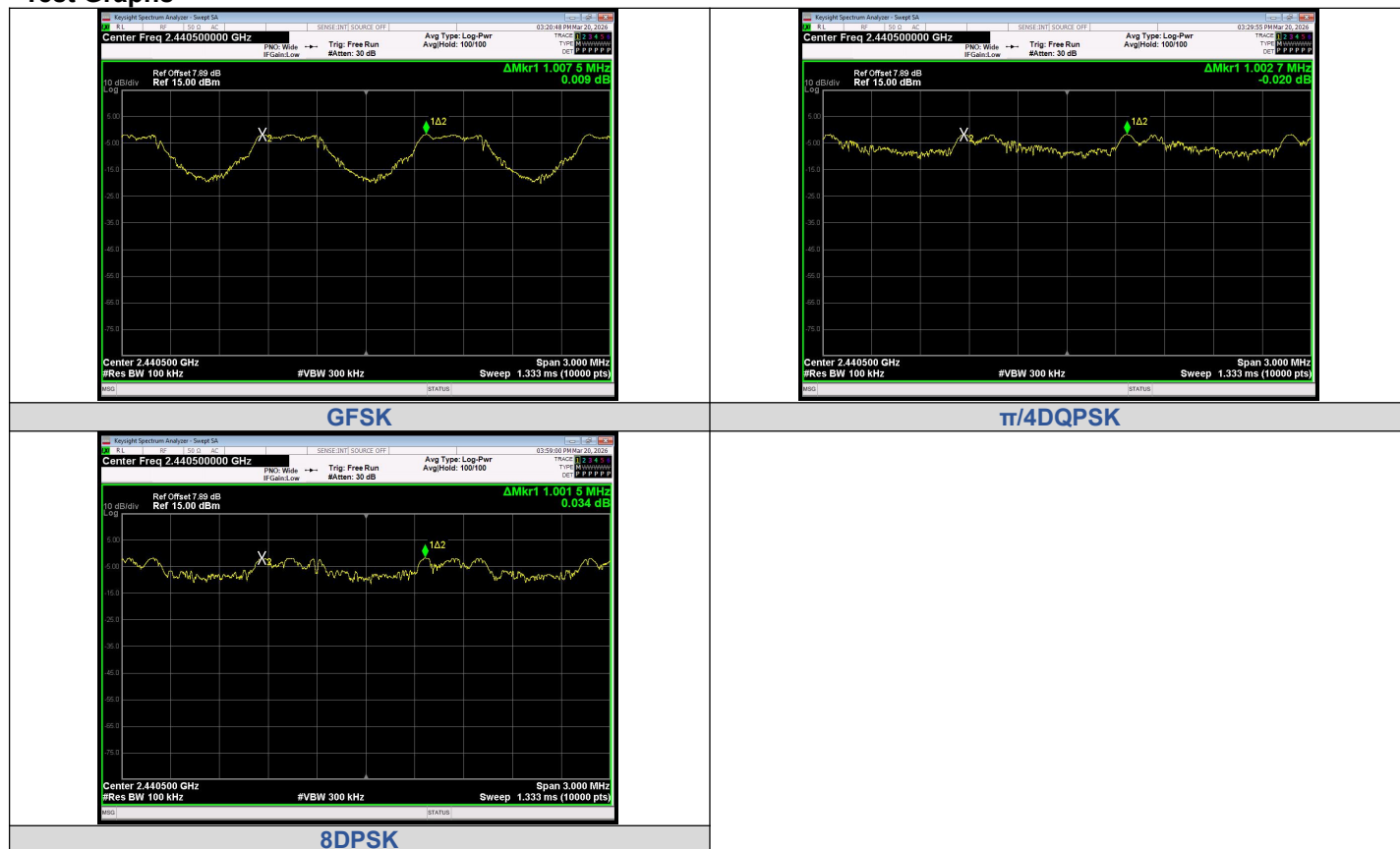
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Tangxia District, Dongshen Road, Tangxia, Dongguan, Guangdong, China

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	2439.8626	2440.8701	1.0075	0.654	PASS
$\pi/4$ DQPSK	2-DH1	2439.8659	2440.8686	1.0027	0.852	PASS
8DPSK	3-DH1	2439.8617	2440.8632	1.0015	0.833	PASS

Test Graphs





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A.7 CONDUCTED OUT OF BAND EMISSION

Test Result
Non-Hopping

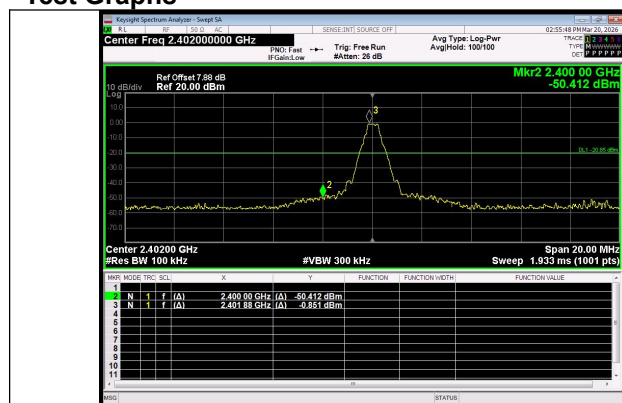
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH1	0	2400.00	-50.412	-20.85	-29.562	PASS
			2593.86	-47.463	-20.85	-26.613	PASS
		39	2249.26	-48.179	-21.66	-26.519	PASS
			2287.97	-45.655	-22.33	-23.325	PASS
		78	2483.50	-55.949	-22.33	-33.619	PASS
			2400.00	-50.830	-20.85	-29.980	PASS
			9608.11	-47.600	-20.85	-26.750	PASS
		39	2632.56	-47.741	-21.78	-25.961	PASS
			2483.50	-56.456	-22.34	-34.116	PASS
8DPSK	3-DH1	0	2400.00	-50.681	-20.9	-29.781	PASS
			2593.86	-46.379	-20.9	-25.479	PASS
		39	2248.64	-47.338	-21.76	-25.578	PASS
			2483.50	-56.134	-22.34	-33.794	PASS
		78	9920.24	-47.747	-22.34	-25.407	PASS
			9920.24	-47.960	-22.34	-25.620	PASS

Note: input compensation coefficient (dB)= Cable Loss (dB)
Hopping

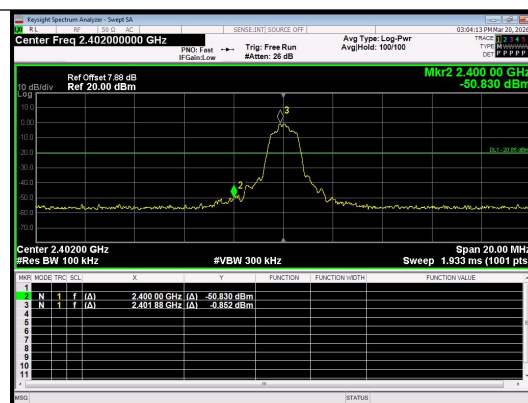
Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
GFSK	DH1	Hopping	2400.00	-50.266	-20.6	-29.666	PASS
			2483.50	-55.826	-21.92	-33.906	PASS
$\pi/4$ DQPSK	2-DH1		2400.00	-50.726	-20.6	-30.126	PASS
			2483.50	-55.648	-21.94	-33.708	PASS
8DPSK	3-DH1		2400.00	-51.662	-20.69	-30.972	PASS
			2483.50	-55.084	-21.95	-33.134	PASS

Note: input compensation coefficient (dB)= Cable Loss (dB)

Test Graphs



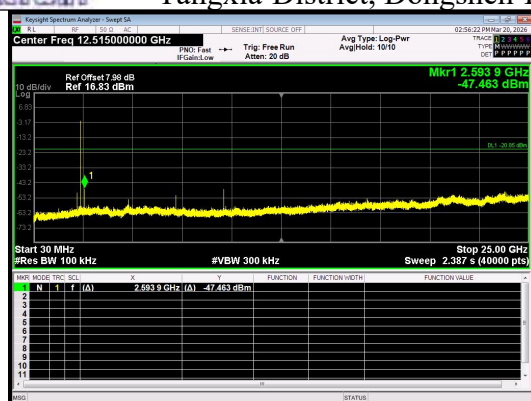
Out Of Band Emission
GFSK_DH1_Channel 0



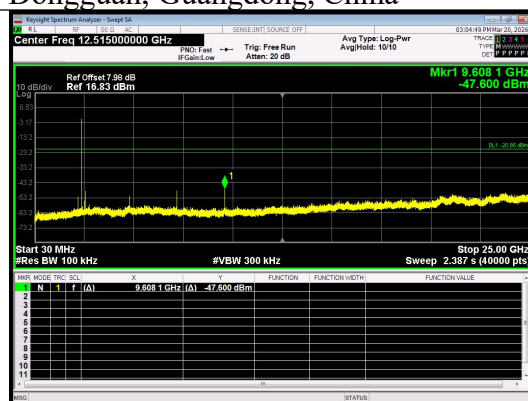
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 0



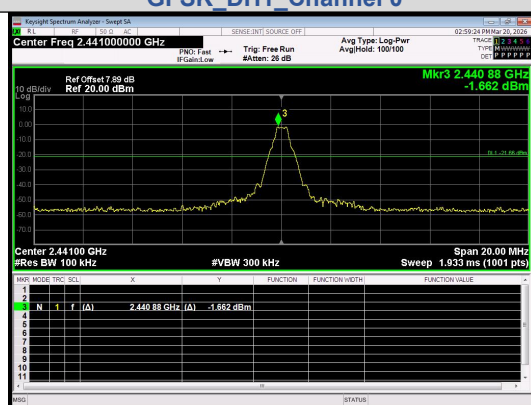
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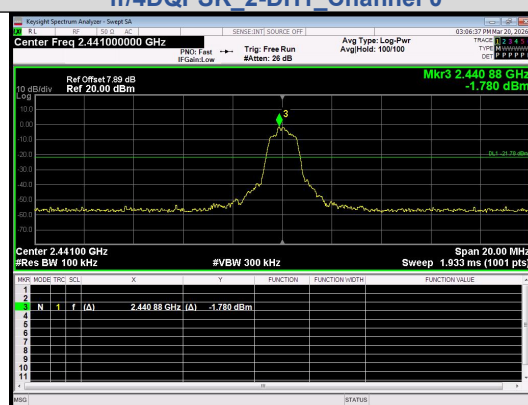
30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 0



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



Out Of Band Emission
GFSK_DH1_Channel 39



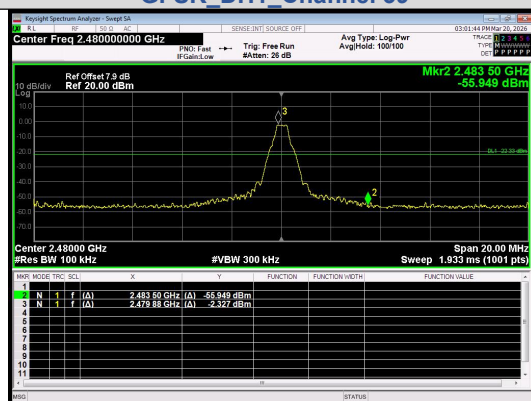
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 39



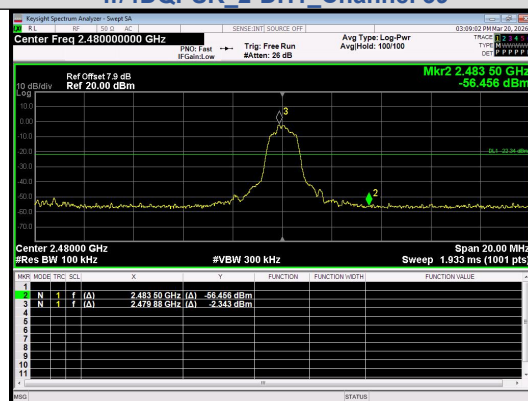
30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 39



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



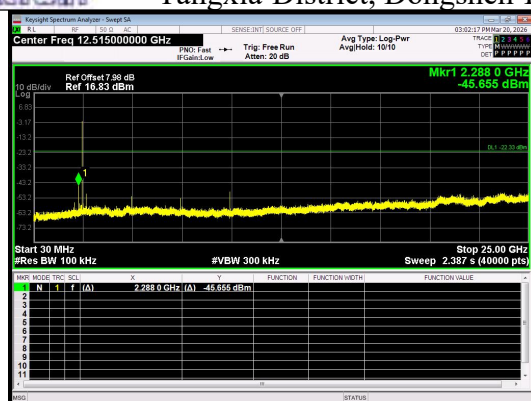
Out Of Band Emission
GFSK_DH1_Channel 78



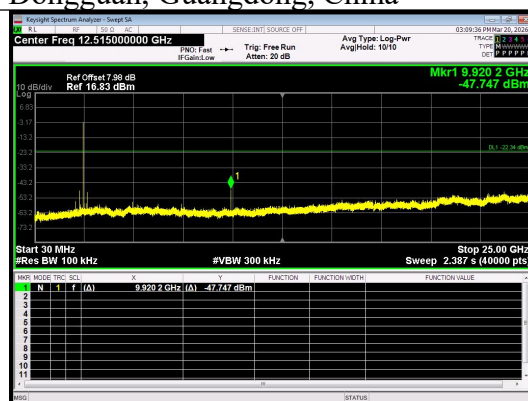
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 78



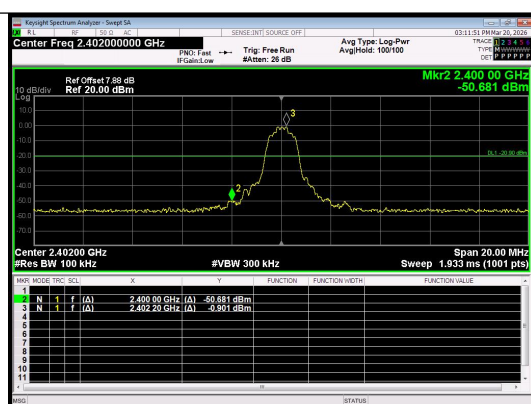
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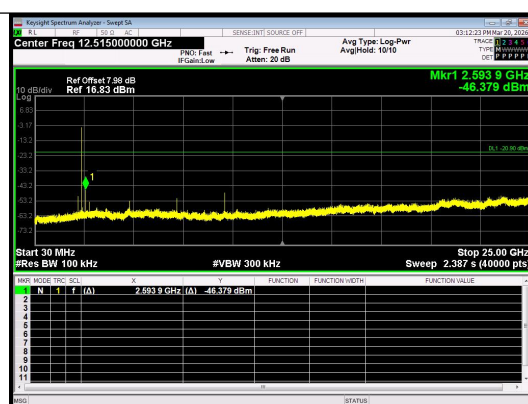
30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 78



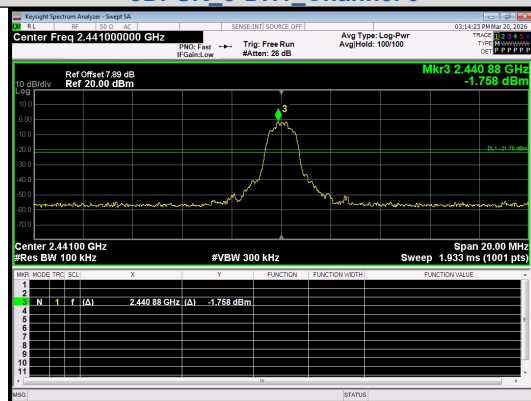
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 78



Out Of Band Emission
8DPSK_3-DH1_Channel 0



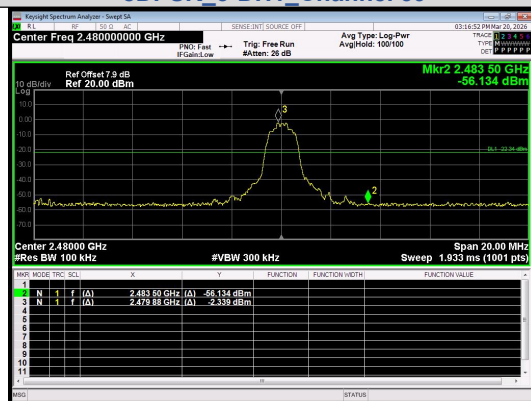
30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 0



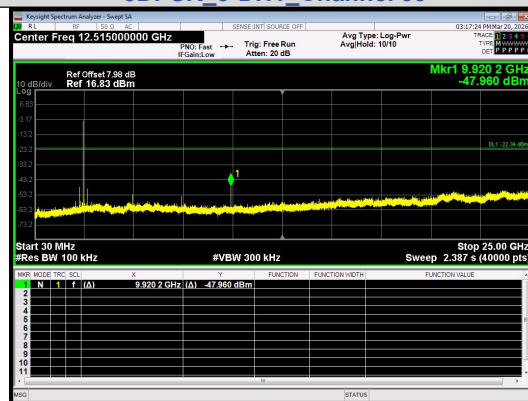
Out Of Band Emission
8DPSK_3-DH1_Channel 39



30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 39



Out Of Band Emission



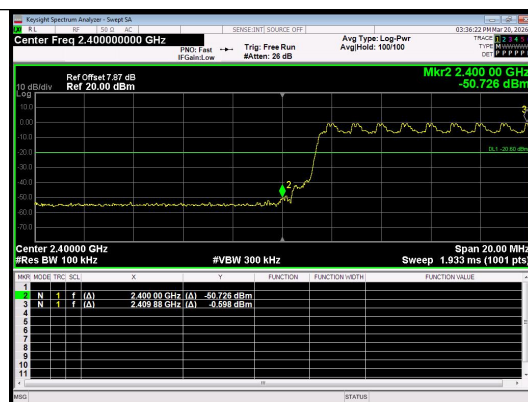
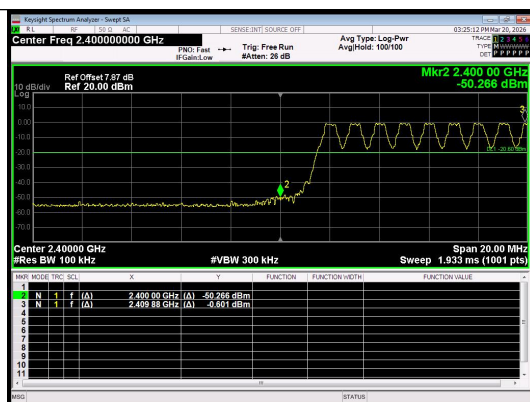
30.0 MHz - 25000.0 MHz



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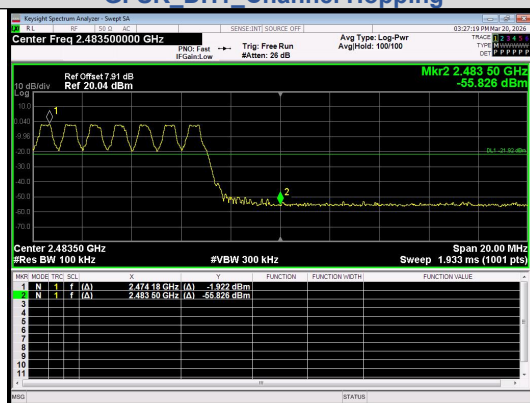
8DPSK_3-DH1_Channel 78

8DPSK_3-DH1_Channel 78



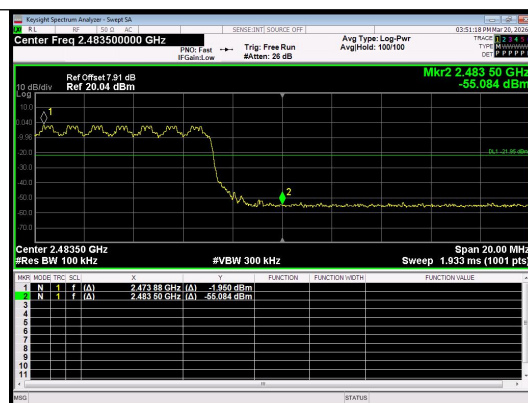
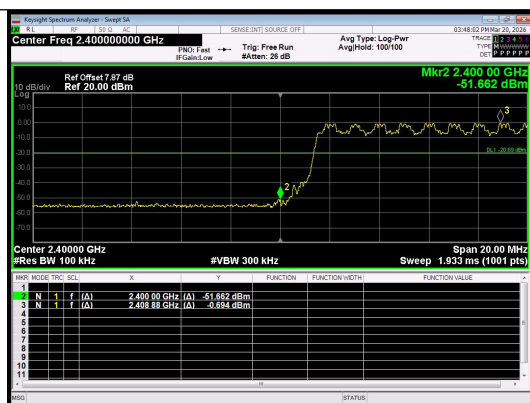
Out Of Band Emission(Left)
GFSK_DH1_Channel Hopping

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