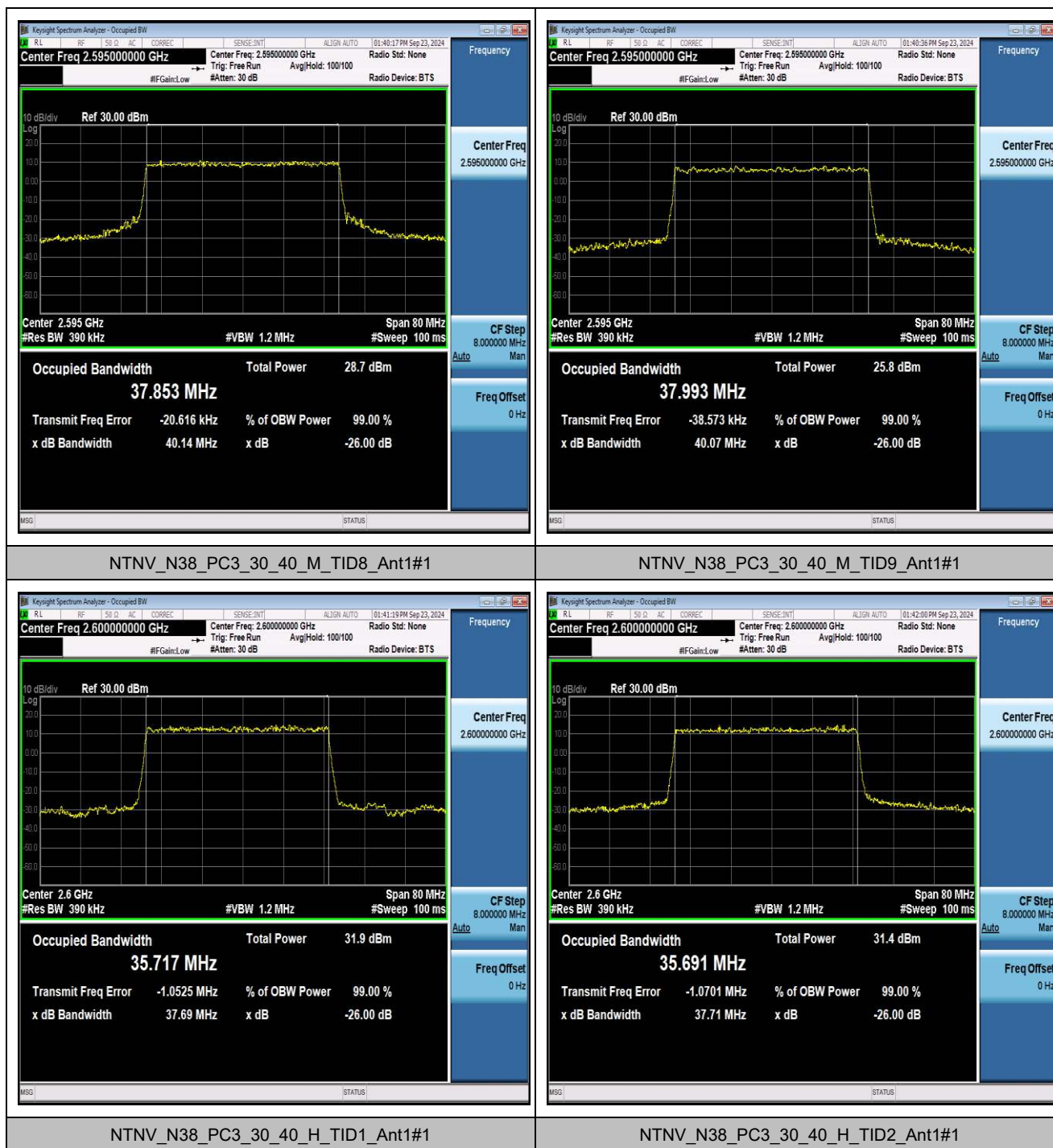
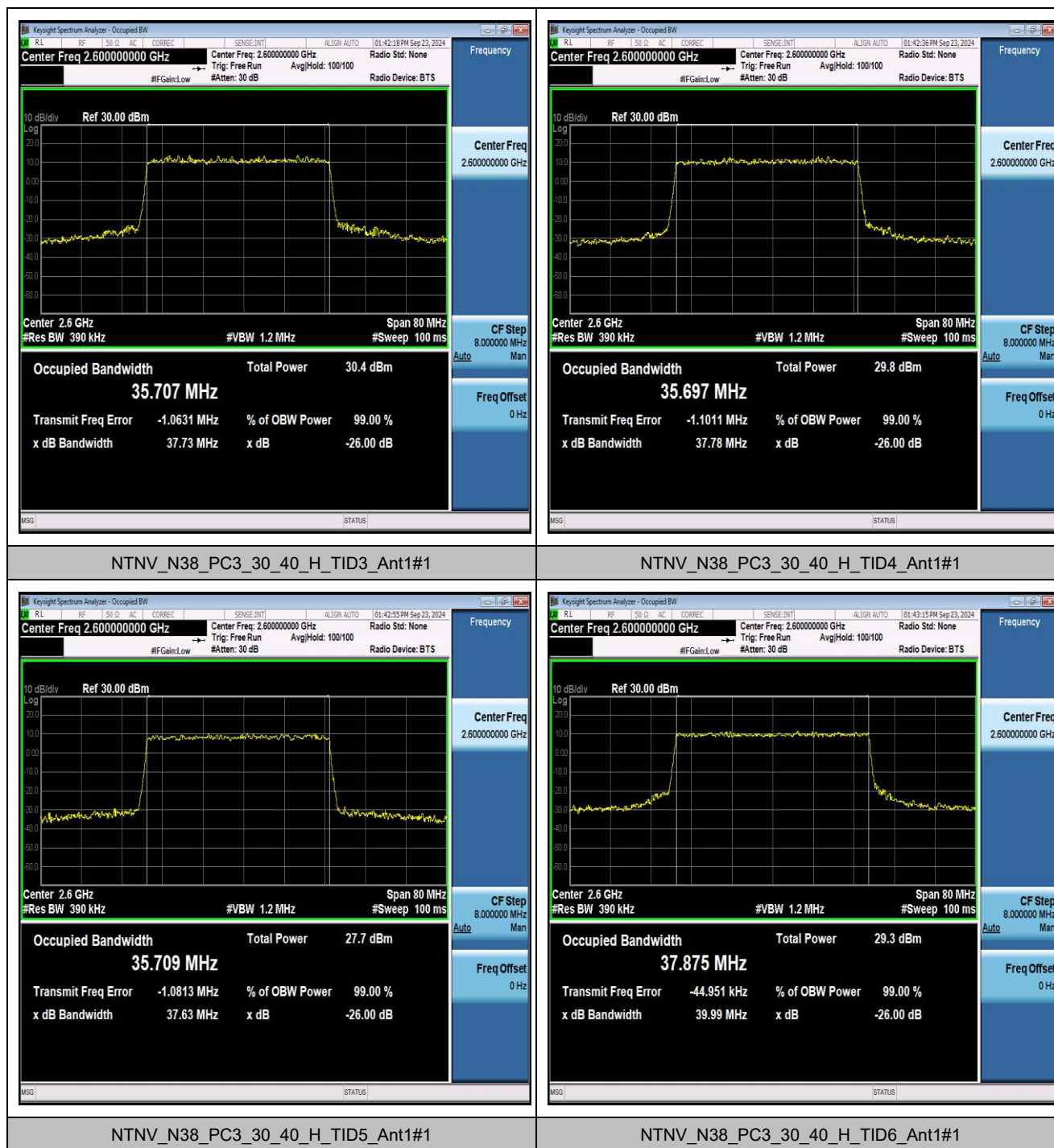
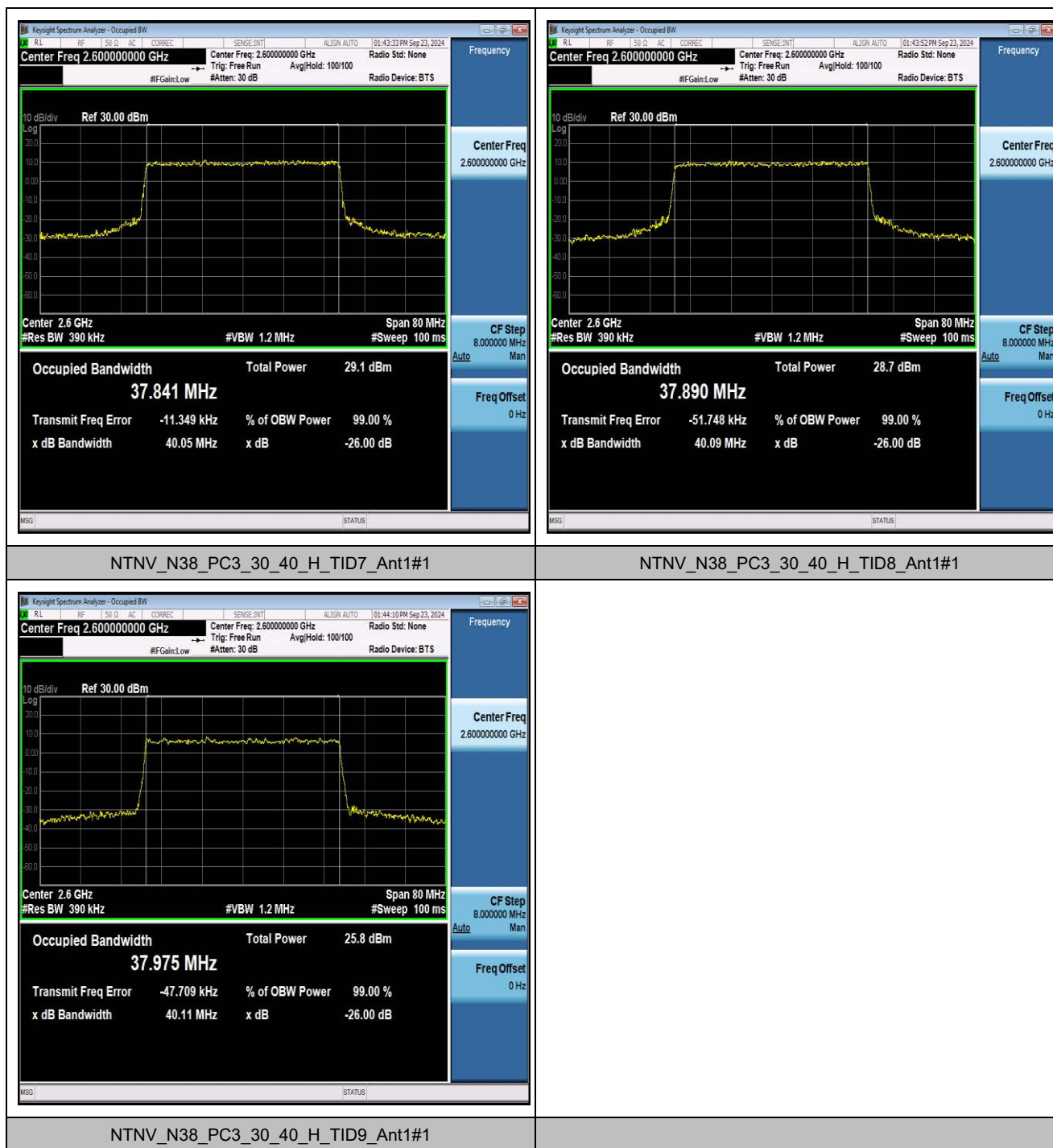


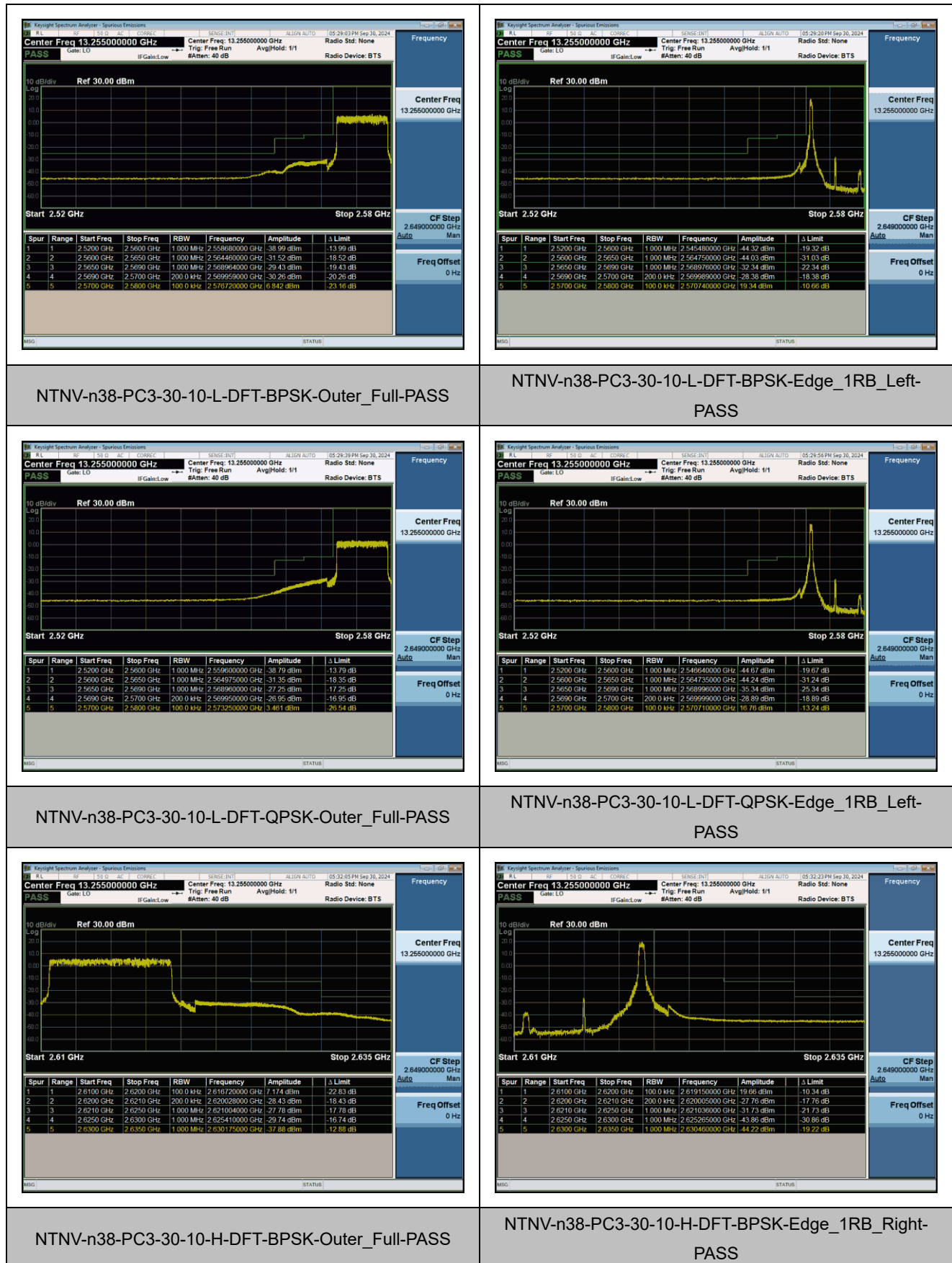






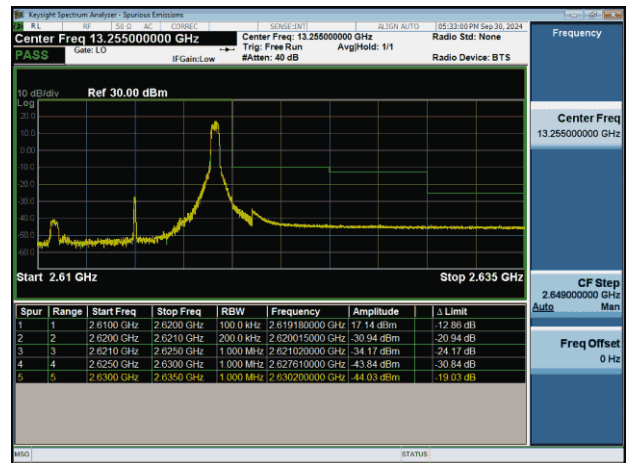
Band Edge for SA

Test Graphs

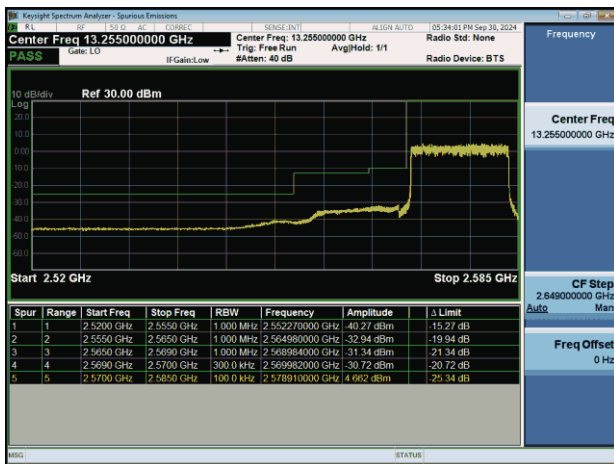




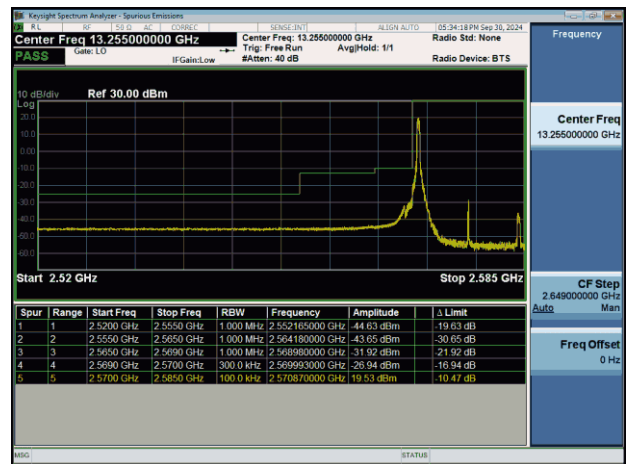
NTNV-n38-PC3-30-10-H-CP-QPSK-Outet_Full-PASS



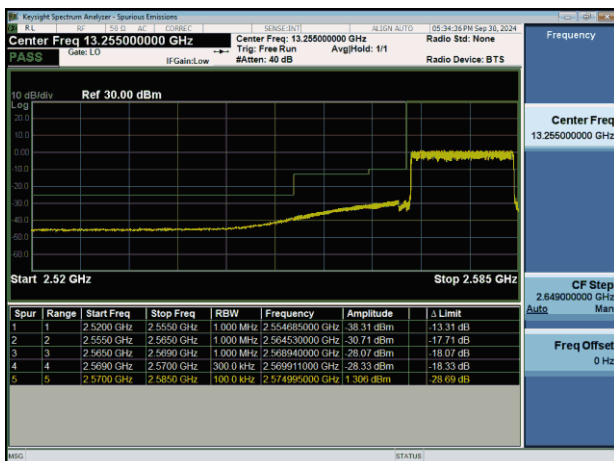
NTNV-n38-PC3-30-10-H-CP-QPSK-Edge_1RB_Right-PASS



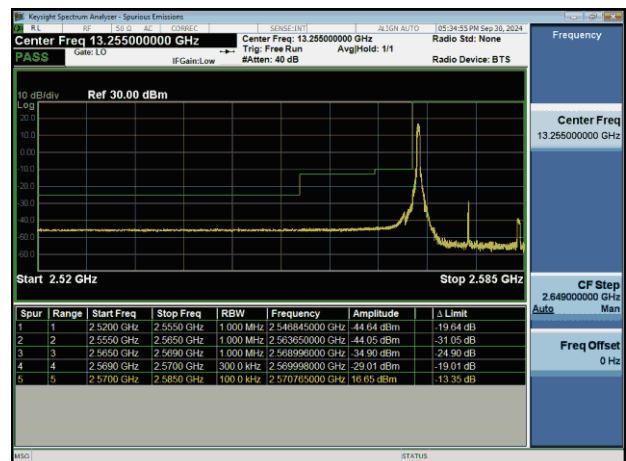
NTNV-n38-PC3-30-15-L-DFT-BPSK-Outet_Full-PASS



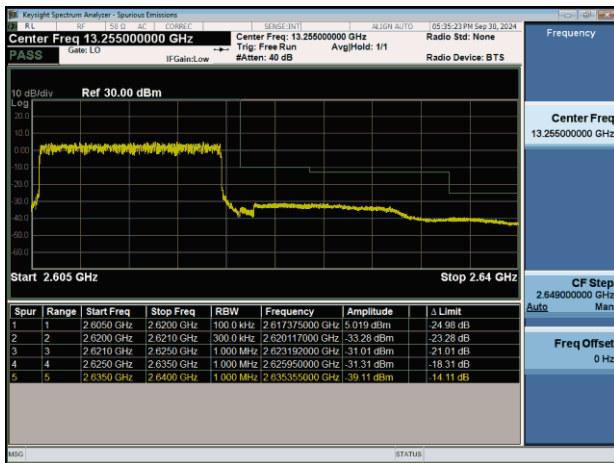
NTNV-n38-PC3-30-15-L-DFT-BPSK-Edge_1RB_Left-PASS



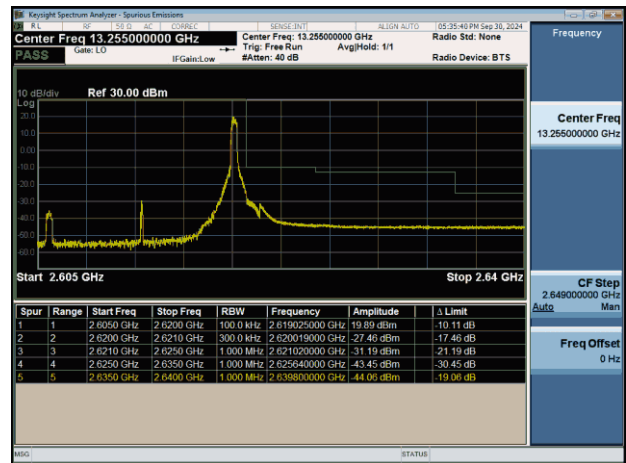
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NTNV-n38-PC3-30-15-L-CP-QPSK-Edge_1RB_Left-PASS



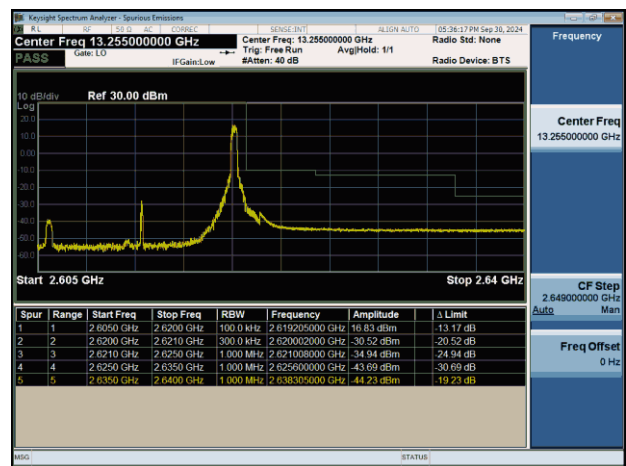
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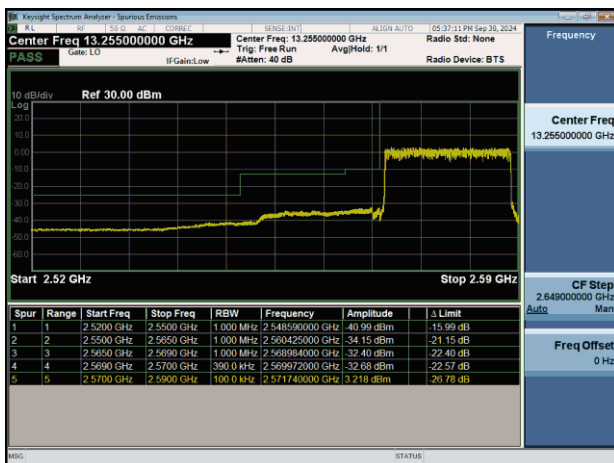
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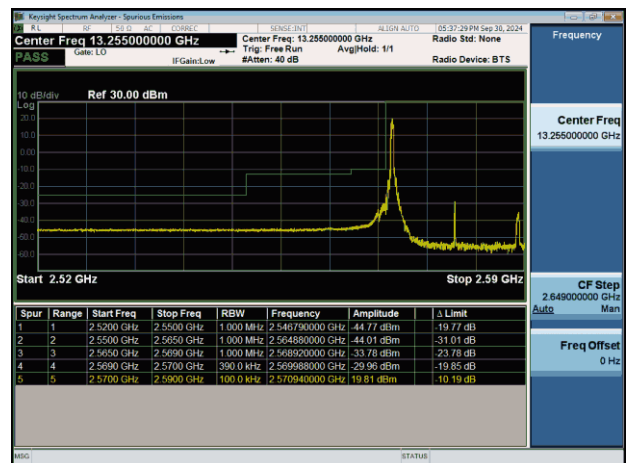
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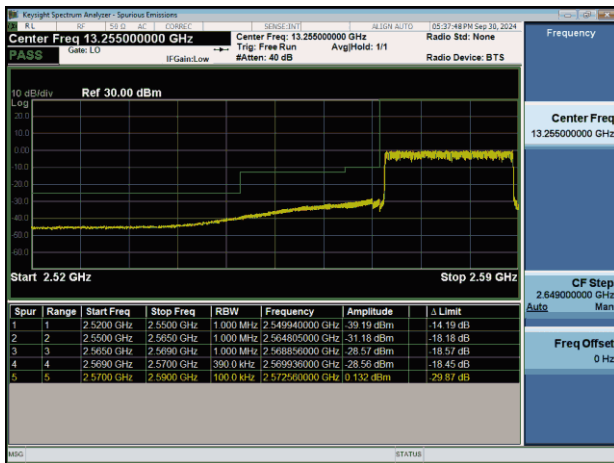
NTNV-n38-PC3-30-15-H-CP-QPSK-Edge_1RB_Right-PASS



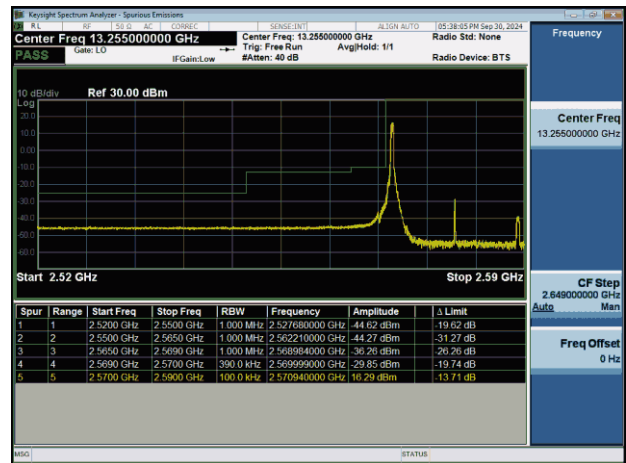
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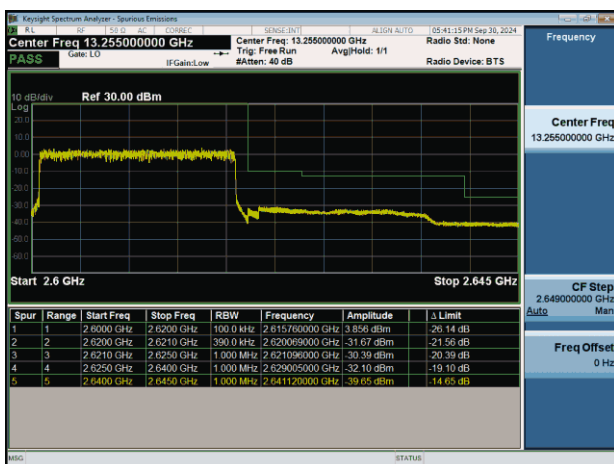
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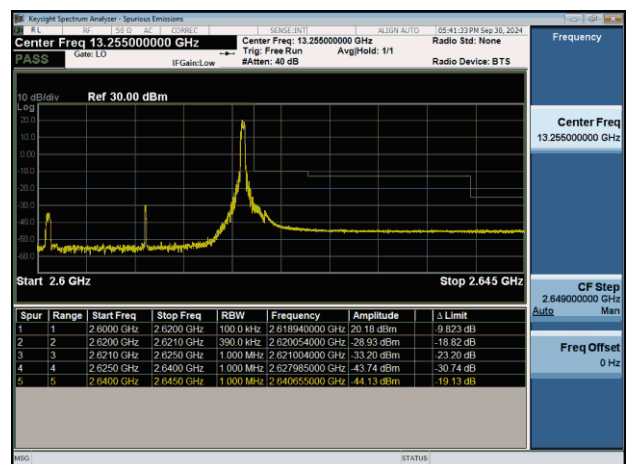
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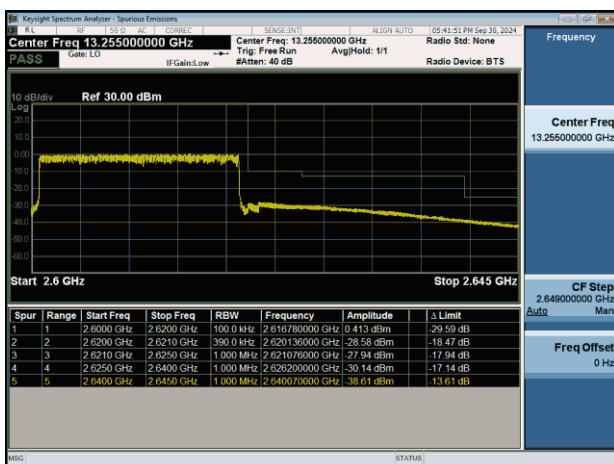
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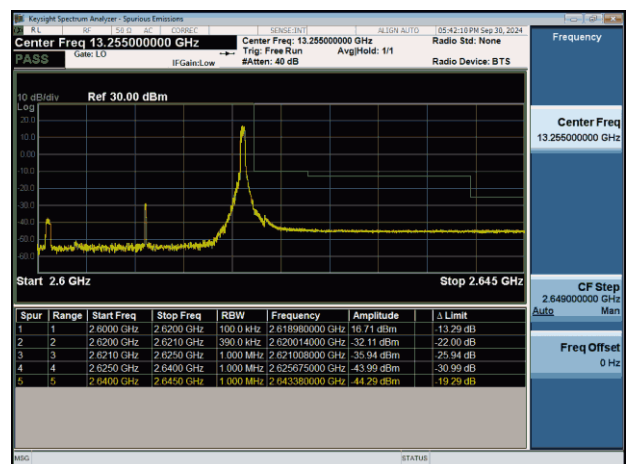
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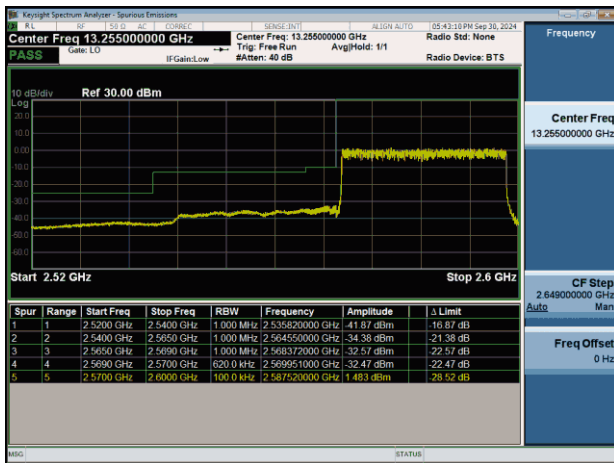
NTNV-n38-PC3-30-20-H-DFT-BPSK-Edge_1RB_Right-PASS



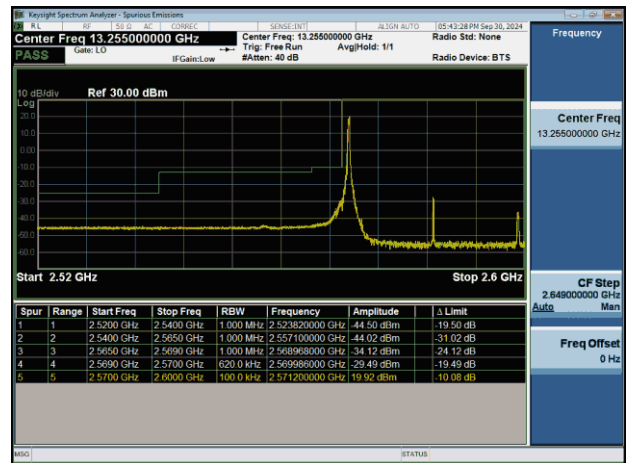
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NTNV-n38-PC3-30-20-H-CP-QPSK-Edge_1RB_Right-PASS



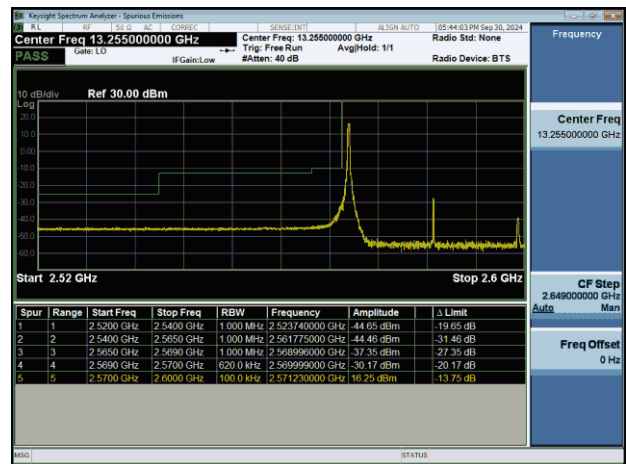
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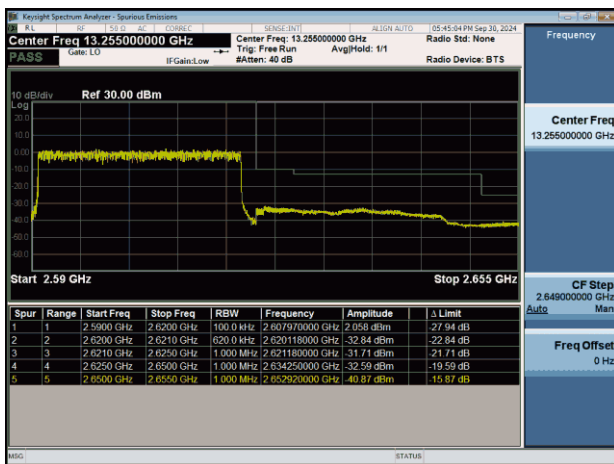
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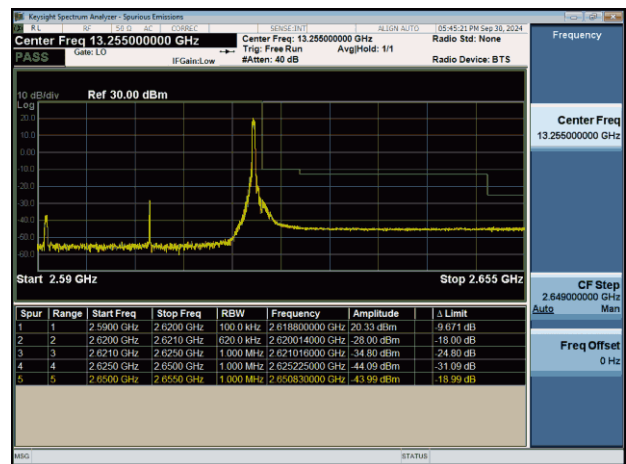
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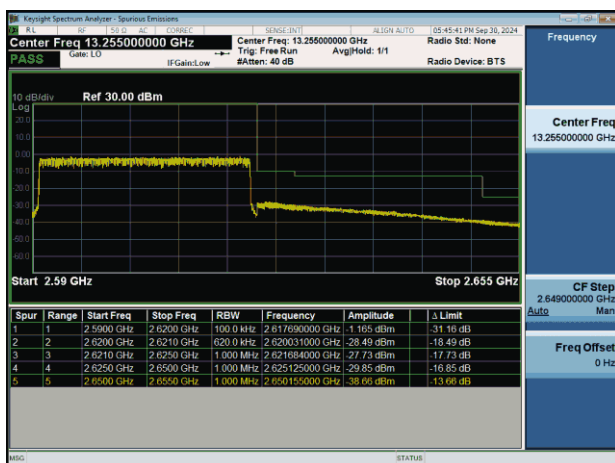
NTNV-n38-PC3-30-30-L-CP-QPSK-Edge_1RB_Left-PASS



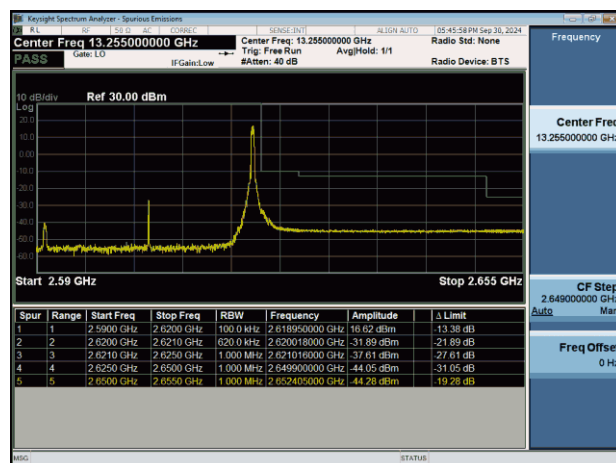
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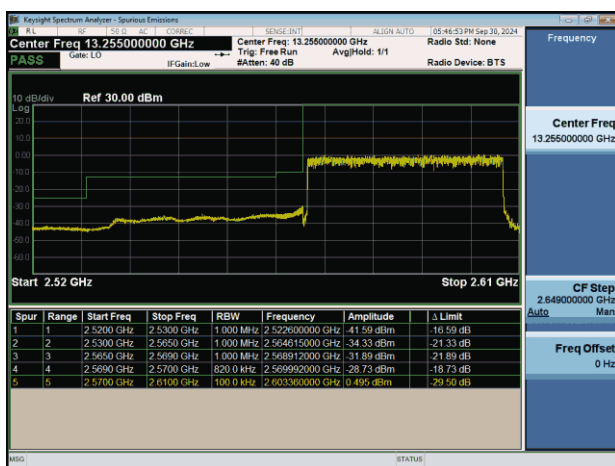
NTNV-n38-PC3-30-30-H-DFT-BPSK-Edge_1RB_Right-PASS



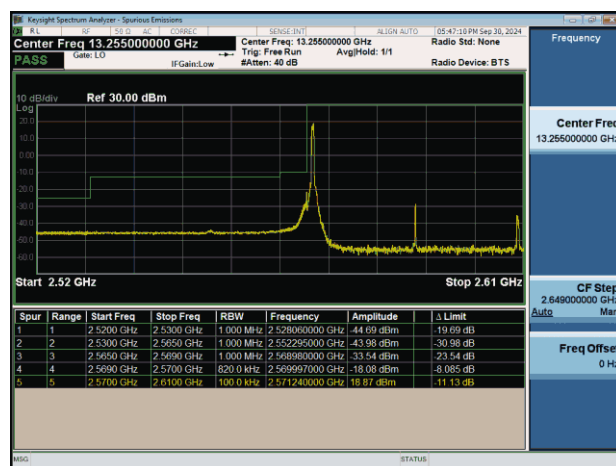
NTNV-n38-PC3-30-30-H-CP-QPSK-Outet_Full-PASS



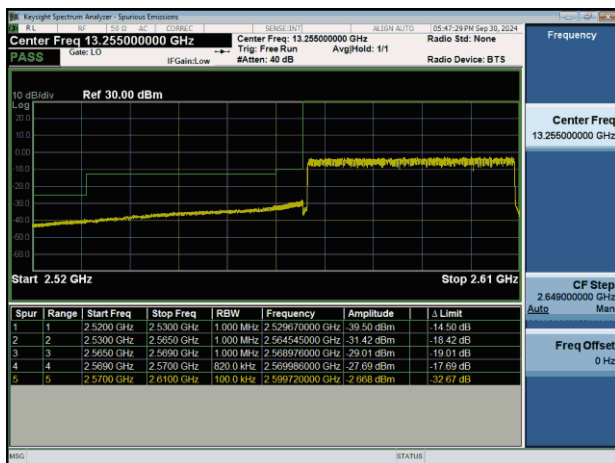
NTNV-n38-PC3-30-30-H-CP-QPSK-Edge_1RB_Right-PASS



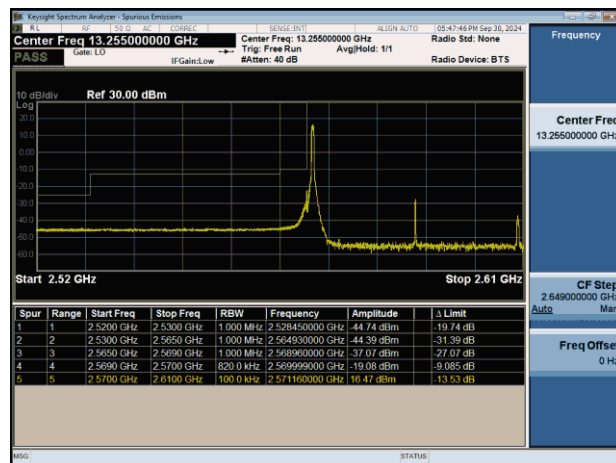
NTNV-n38-PC3-30-40-L-DFT-BPSK-Outet_Full-PASS



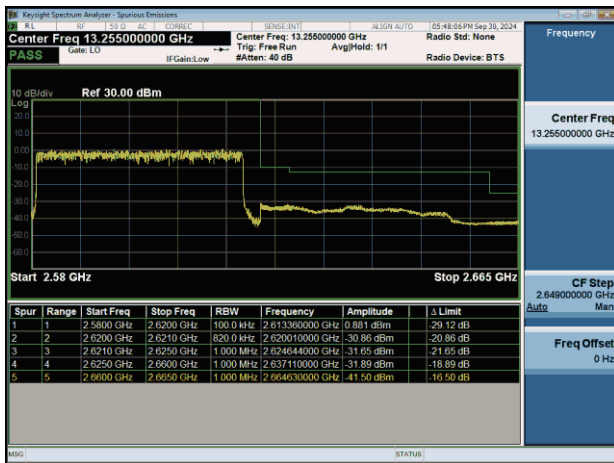
NTNV-n38-PC3-30-40-L-DFT-BPSK-Edge_1RB_Left-PASS



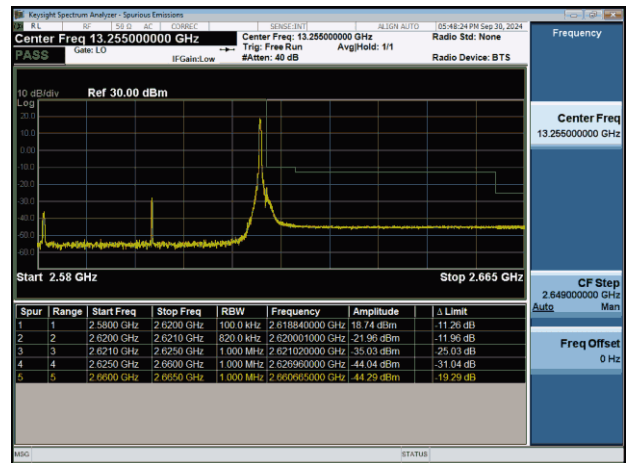
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NTNV-n38-PC3-30-40-L-CP-QPSK-Edge_1RB_Left-PASS



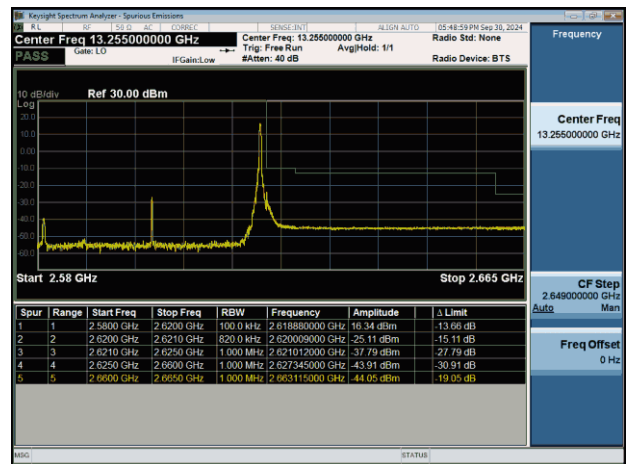
NTNV-n38-PC3-30-40-H-DFT-BPSK-Outter_Full-PASS



NTNV-n38-PC3-30-40-H-DFT-BPSK-Edge_1RB_Right-PASS



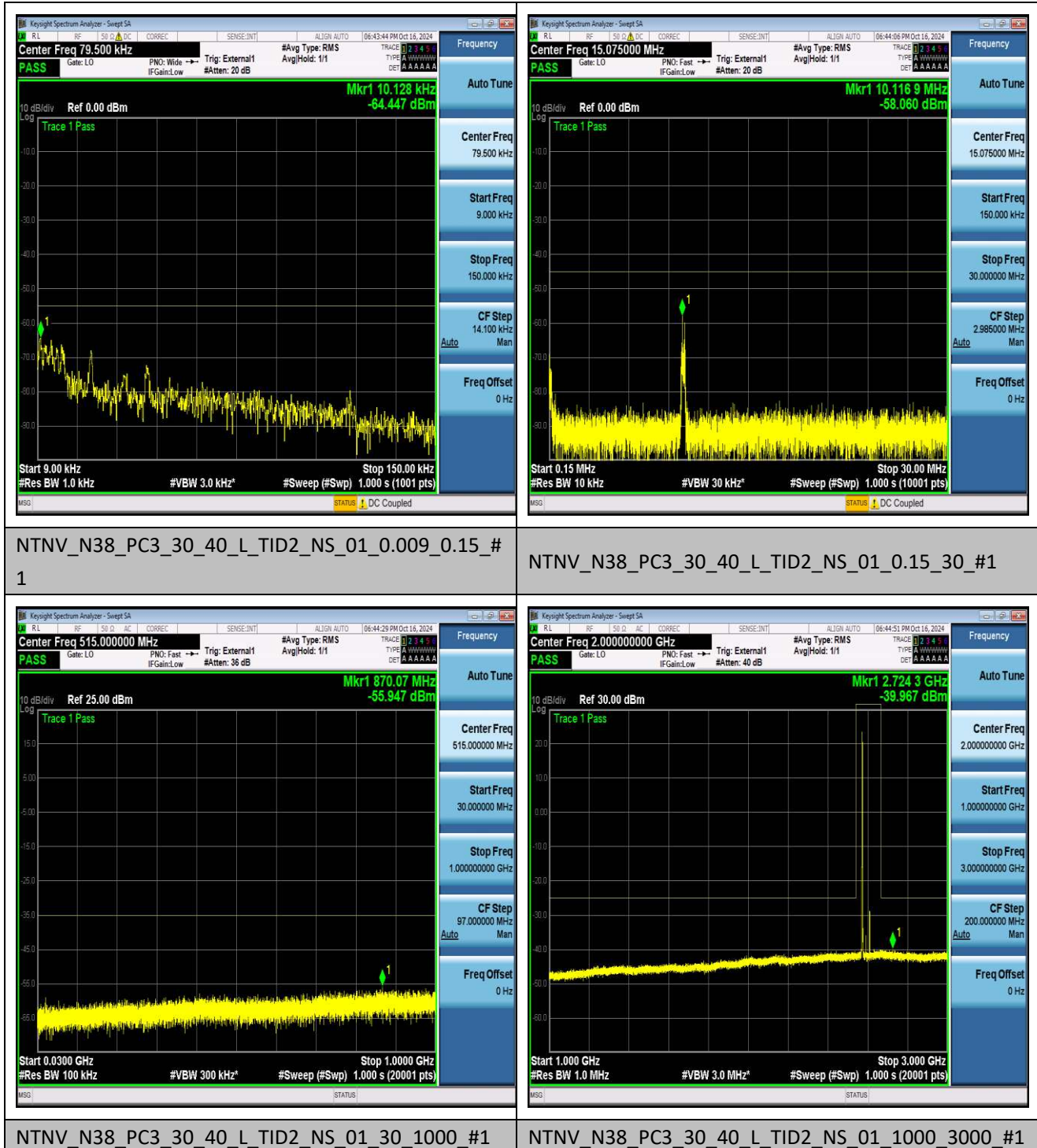
NTNV-n38-PC3-30-40-H-CP-QPSK-Outter_Full-PASS

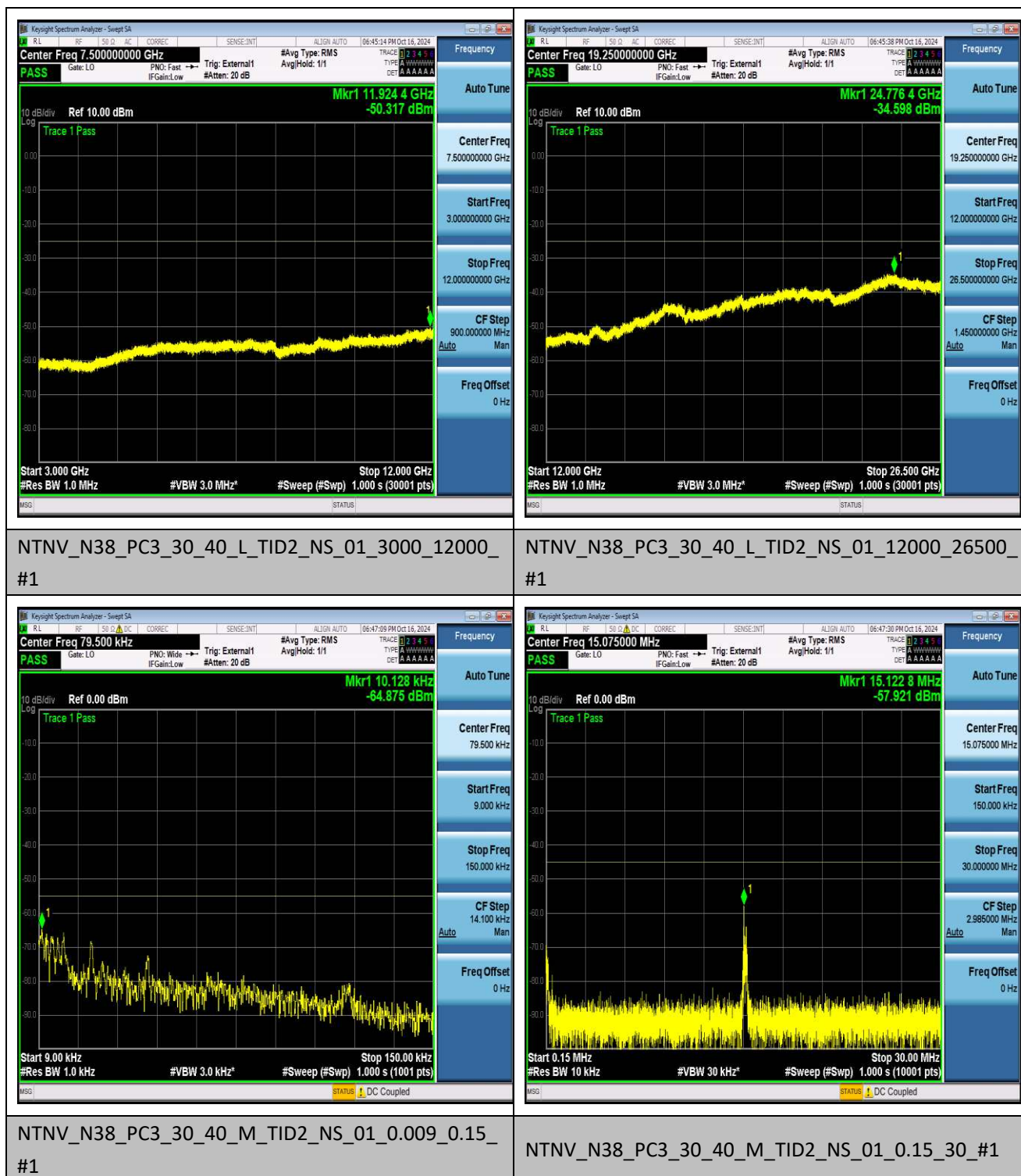


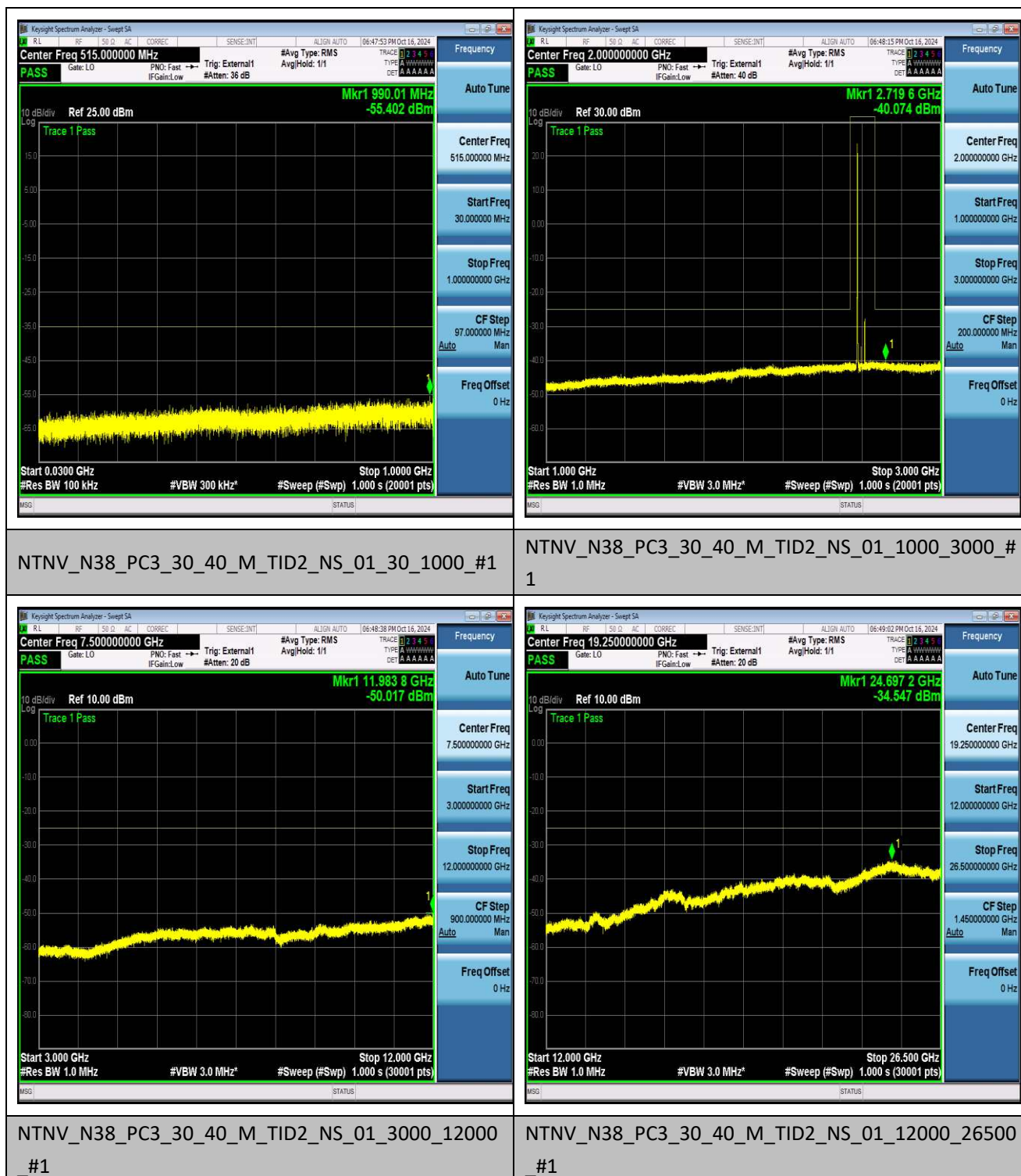
NTNV-n38-PC3-30-40-H-CP-QPSK-Edge_1RB_Right-PASS

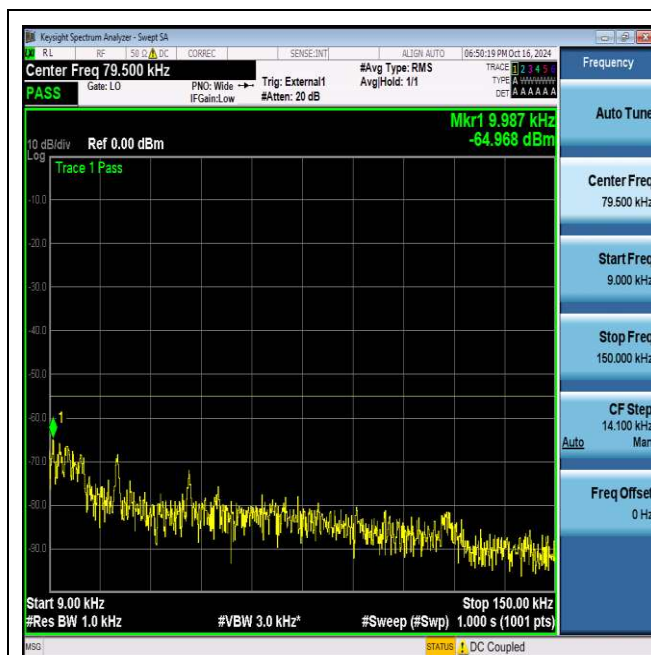
Conducted Spurious Emission for SA

Test Graphs

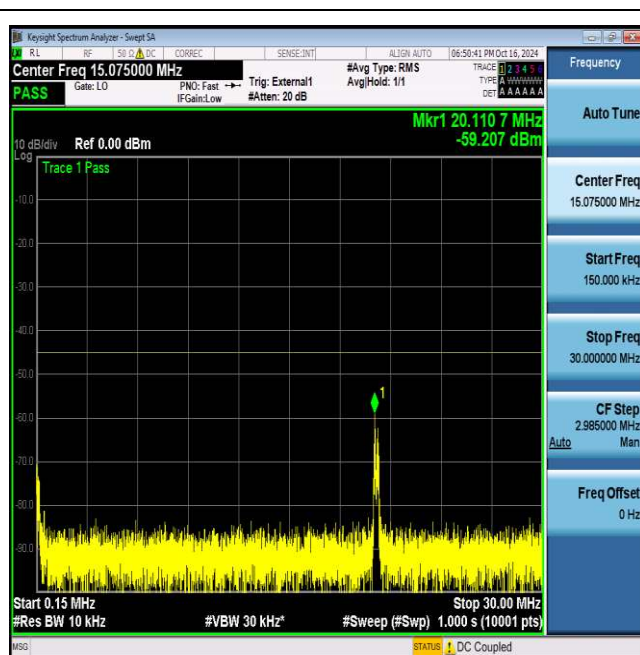




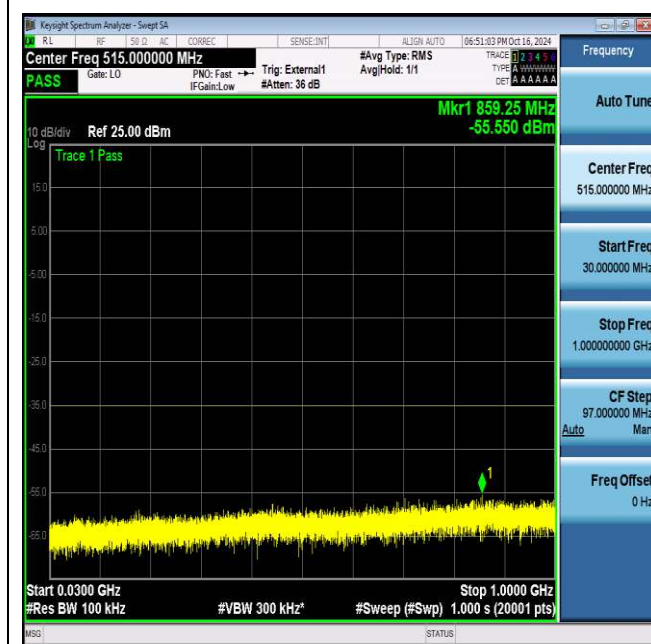




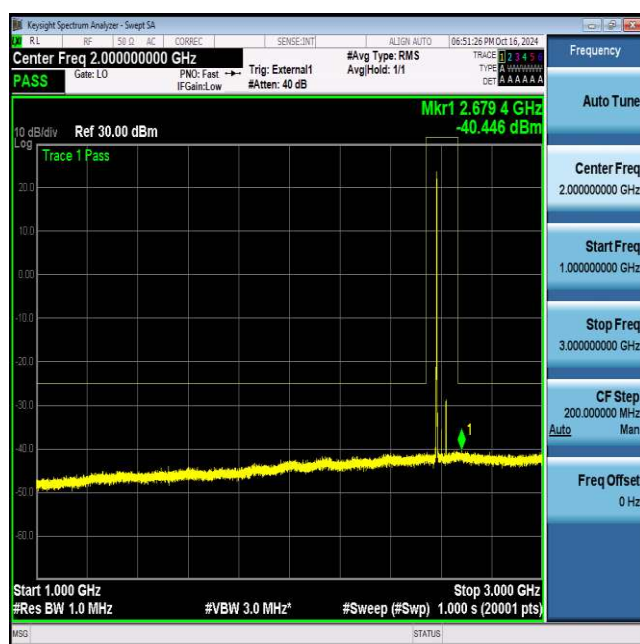
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NTNV_N38_PC3_30_40_H_TID2_NS_01_30_1000_#1



NTNV_N38_PC3_30_40_H_TID2_NS_01_1000_3000_#1



Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	10.000000	0.003854	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	12.000000	0.004624	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	7.000000	0.002697	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VL	NT	10.000000	0.003854	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VN	NT	8.000000	0.003083	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VH	NT	3.000000	0.001156	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	6.000000	0.002312	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	13.000000	0.005010	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	15.000000	0.005780	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	0	17.000000	0.006551	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	10	9.000000	0.003468	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	20	16.000000	0.006166	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	30	2.000000	0.000771	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	40	10.000000	0.003854	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	50	8.000000	0.003083	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-30	11.000000	0.004239	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-20	2.000000	0.000771	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-10	16.000000	0.006166	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	0	14.000000	0.005395	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	10	3.000000	0.001156	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	20	1.000000	0.000385	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	30	15.000000	0.005780	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	40	4.000000	0.001541	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	50	18.000000	0.006936	PASS

~The End~