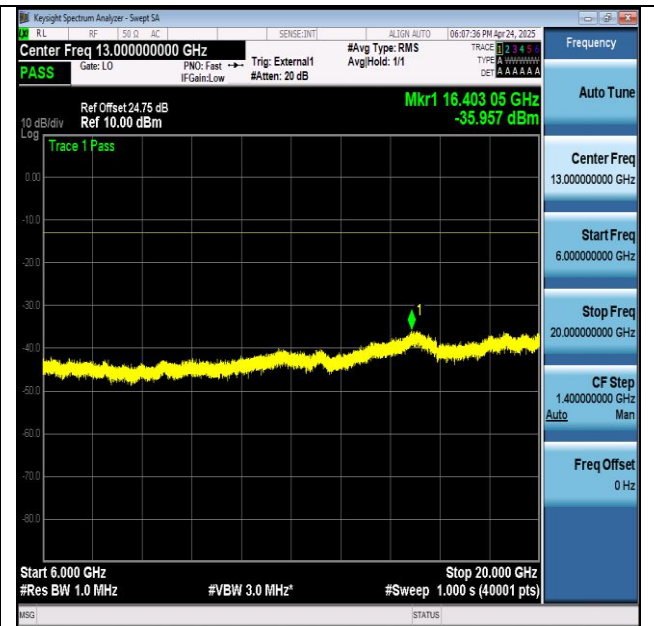




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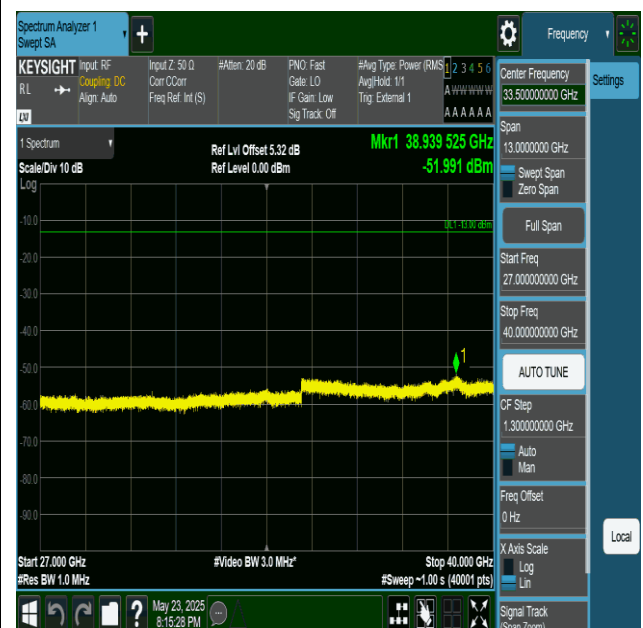
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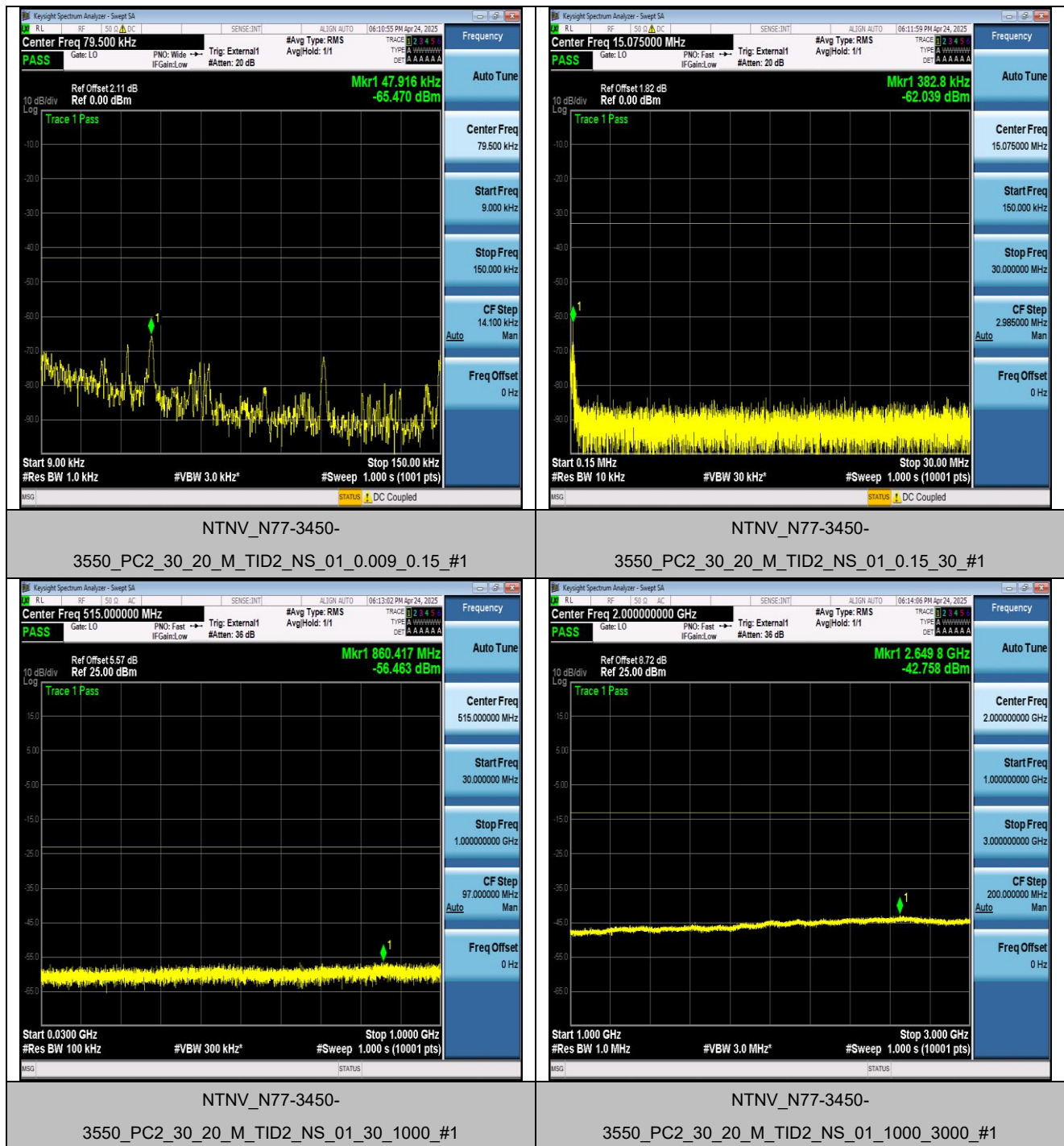
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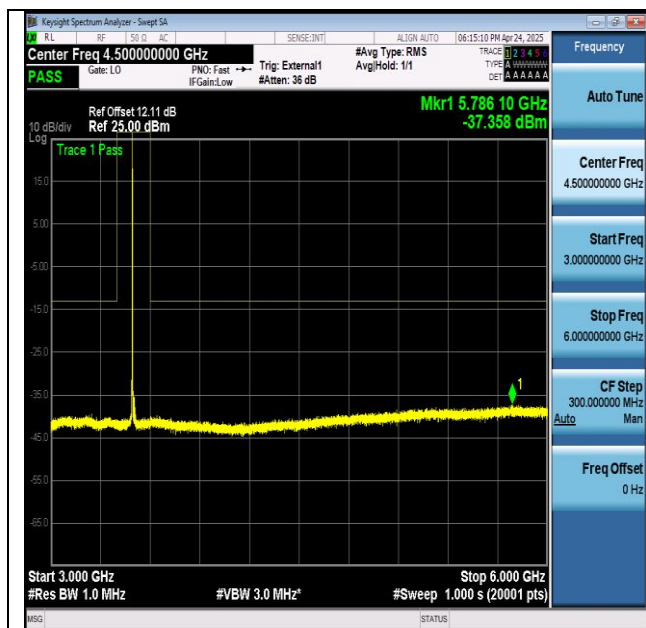
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NTNV_N77-3450-

3550_PC2_30_20_M_TID1_NS_01_27000_40000_#1





NTNV_N77-3450-

3550_PC2_30_20_M_TID2_NS_01_3000_6000_#1



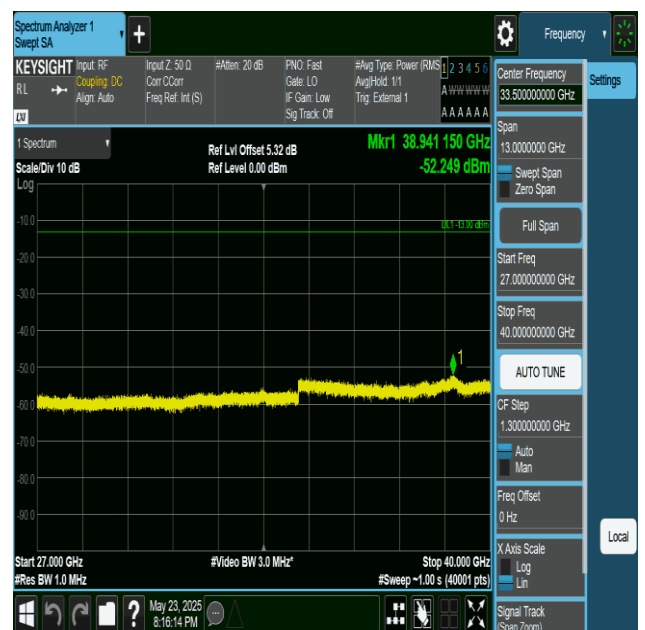
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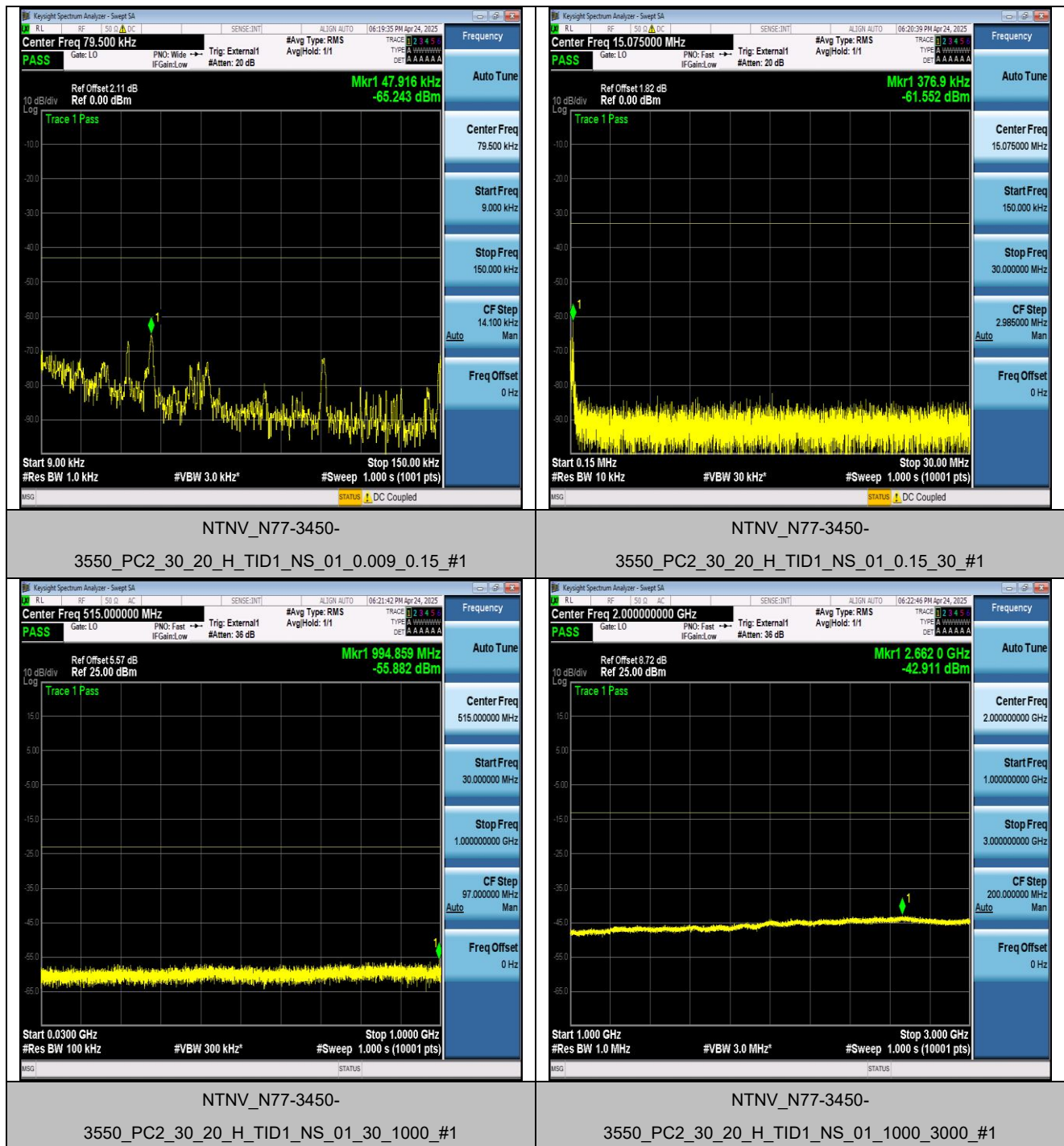
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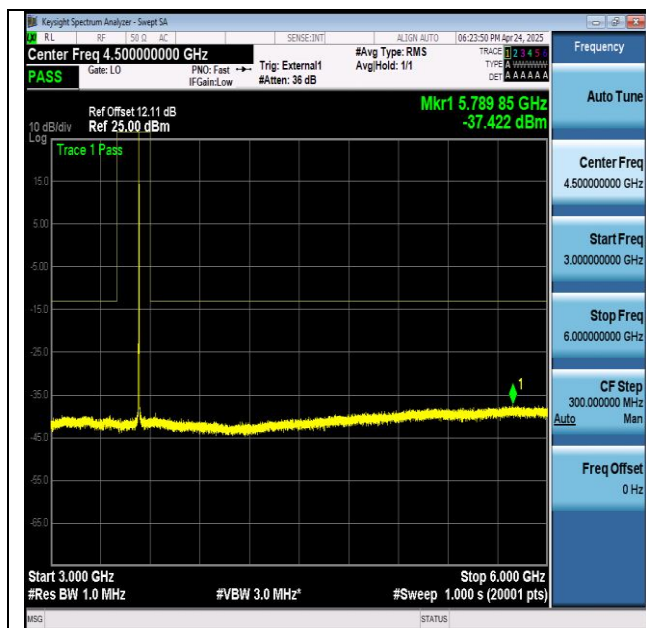
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NTNV_N77-3450-

3550_PC2_30_20_M_TID2_NS_01_27000_40000_#1





NTNV_N77-3450-

3550_PC2_30_20_H_TID1_NS_01_3000_6000_#1



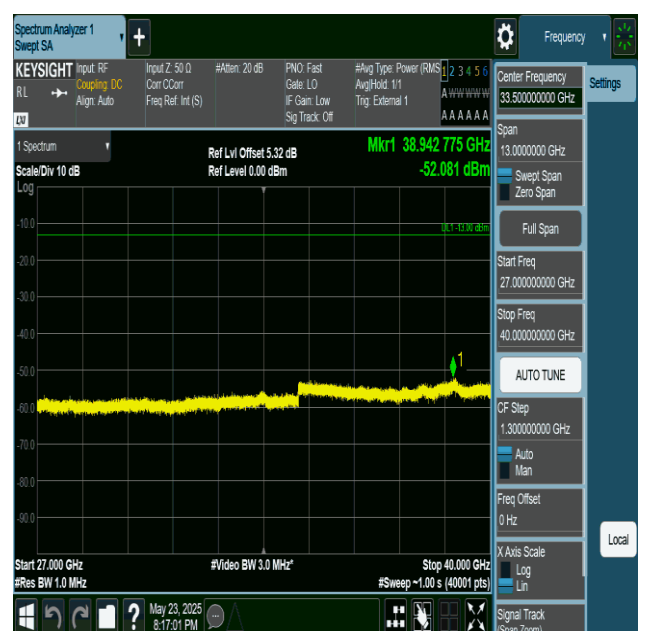
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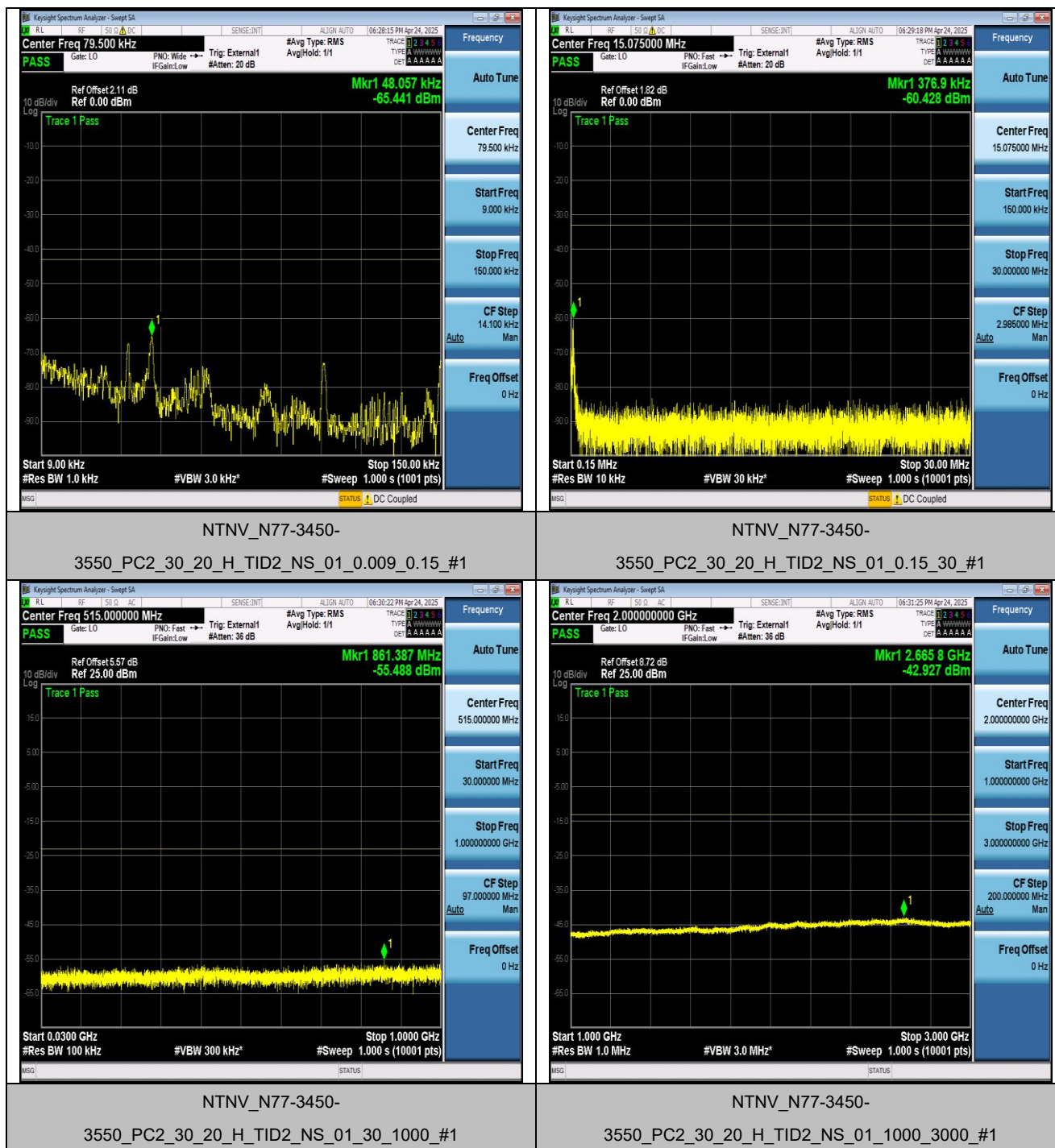
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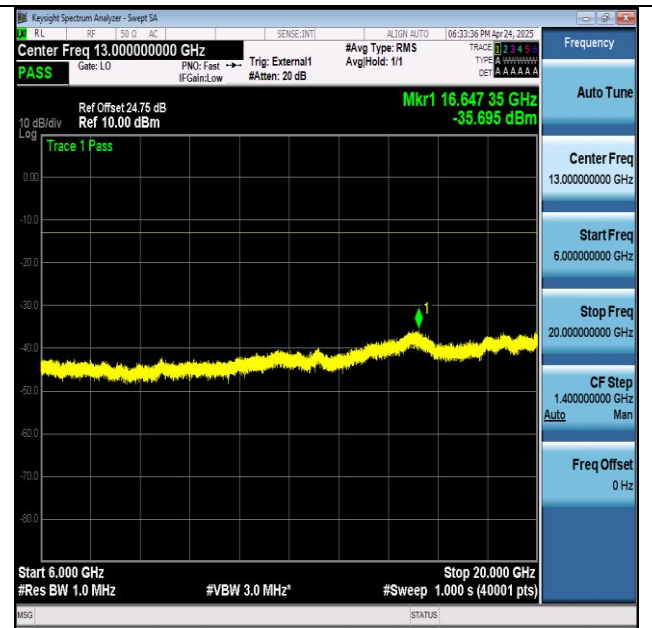
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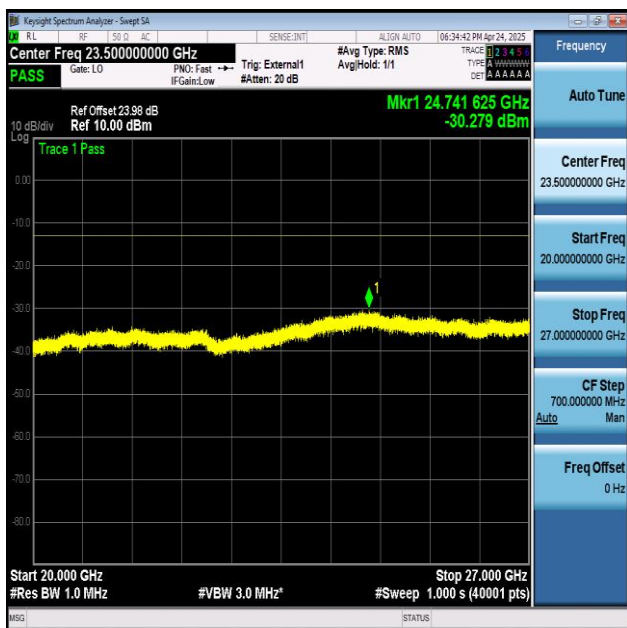
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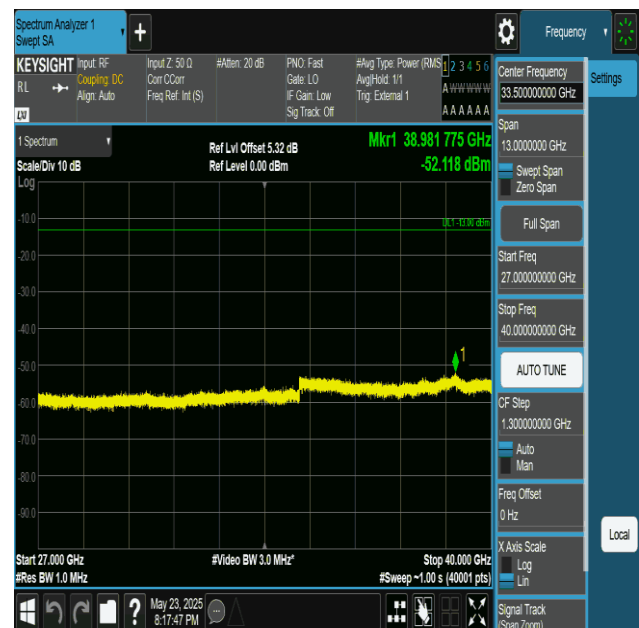
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3550_PC2_30_20_H_TID2_NS_01_20000_27000_#1



NTNV_N77-3450-

3550_PC2_30_20_H_TID2_NS_01_27000_40000_#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
N77-3450-3550	30	20	DFT-BPSK	M	Outer_Full	VL	NT	-13.653	-0.005292	PASS
N77-3450-3550	30	20	DFT-BPSK	M	Outer_Full	VN	NT	-16.925	-0.00656	PASS
N77-3450-3550	30	20	DFT-BPSK	M	Outer_Full	VH	NT	-8.747	-0.00339	PASS
N77-3450-3550	30	20	CP-QPSK	M	Outer_Full	VL	NT	-9.847	-0.003817	PASS
N77-3450-3550	30	20	CP-QPSK	M	Outer_Full	VN	NT	-4.168	-0.001616	PASS
N77-3450-3550	30	20	CP-QPSK	M	Outer_Full	VH	NT	-8.886	-0.003444	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
N77-3450-3550	30	20	DFT-BPSK	M	Outer_Full	NV	-30	-4.459	-0.001728	PASS
N77-3450-3550	30	20	DFT-BPSK	M	Outer_Full	NV	-20	-6.005	-0.002328	PASS
N77-3450-3550	30	20	DFT-BPSK	M	Outer_Full	NV	-10	-2.007	-0.000778	PASS
N77-3450-3550	30	20	DFT-BPSK	M	Outer_Full	NV	0	-9.482	-0.003675	PASS
N77-3450-3550	30	20	DFT-BPSK	M	Outer_Full	NV	10	-7.251	-0.00281	PASS
N77-3450-3550	30	20	DFT-BPSK	M	Outer_Full	NV	20	-14.646	-0.005677	PASS
N77-3450-3550	30	20	DFT-BPSK	M	Outer_Full	NV	30	-9.911	-0.003841	PASS
N77-3450-3550	30	20	DFT-BPSK	M	Outer_Full	NV	40	-3.908	-0.001515	PASS
N77-3450-3550	30	20	DFT-BPSK	M	Outer_Full	NV	50	-4.399	-0.001705	PASS
N77-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	-30	-13.256	-0.005138	PASS
N77-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	-20	-6.686	-0.002591	PASS
N77-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	-10	-9.778	-0.00379	PASS
N77-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	0	-3.979	-0.001542	PASS
N77-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	10	-16.827	-0.006522	PASS
N77-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	20	-10.792	-0.004183	PASS
N77-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	30	-9.241	-0.003582	PASS
N77-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	40	-0.703	-0.000272	PASS
N77-3450-3550	30	20	CP-QPSK	M	Outer_Full	NV	50	-10.13	-0.003926	PASS

~The End~