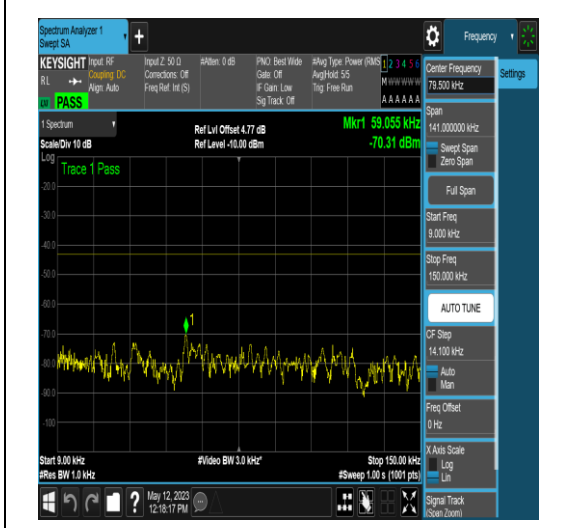
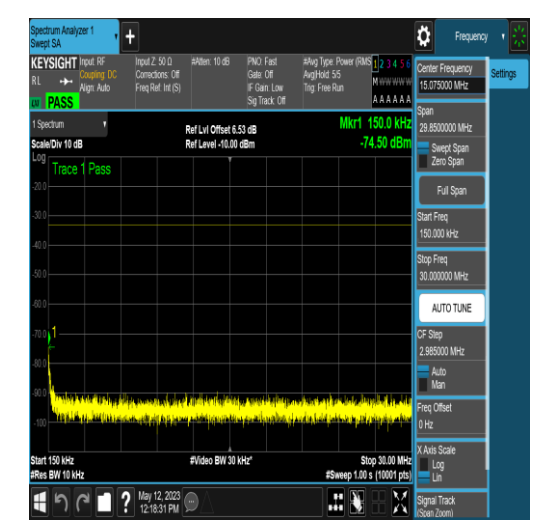


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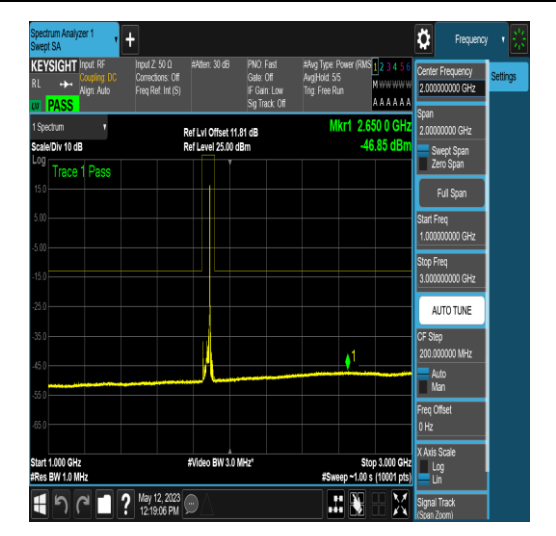
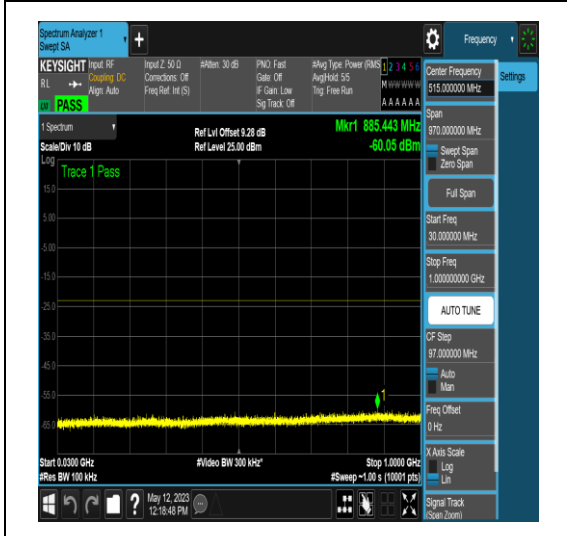
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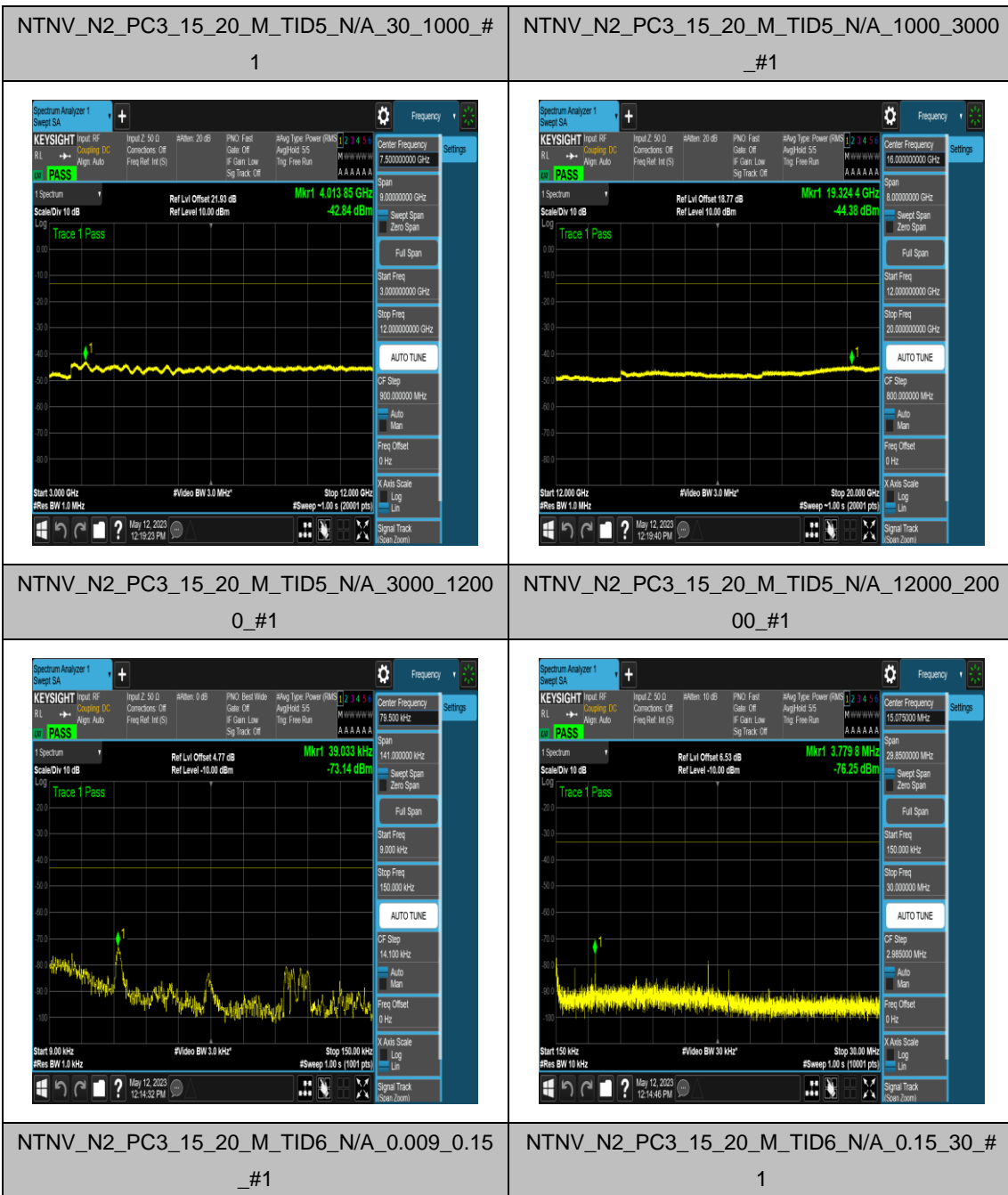


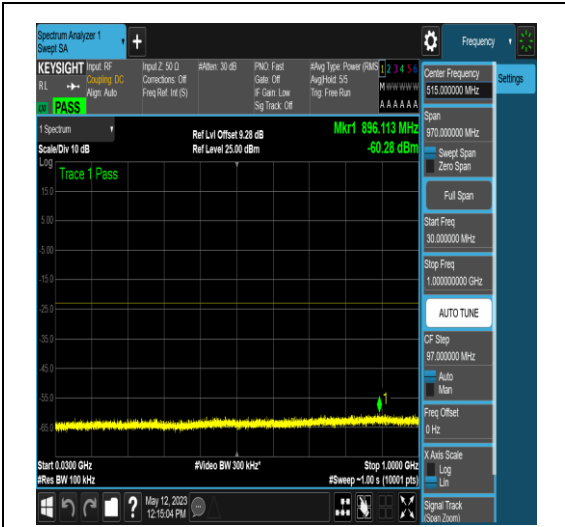
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NTNV_N2_PC3_15_20_M_TID5_N/A_0.15_30_#
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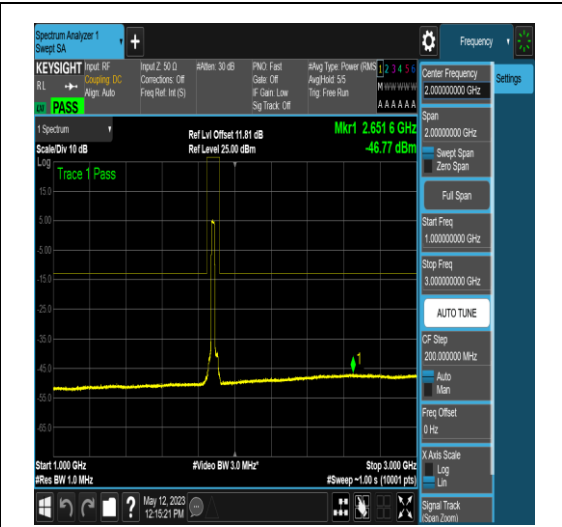






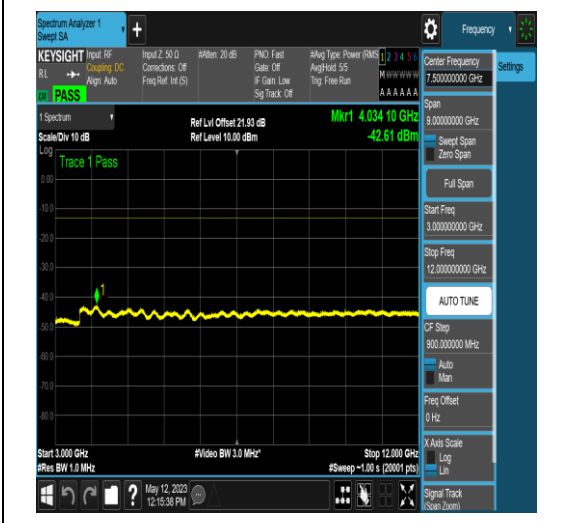
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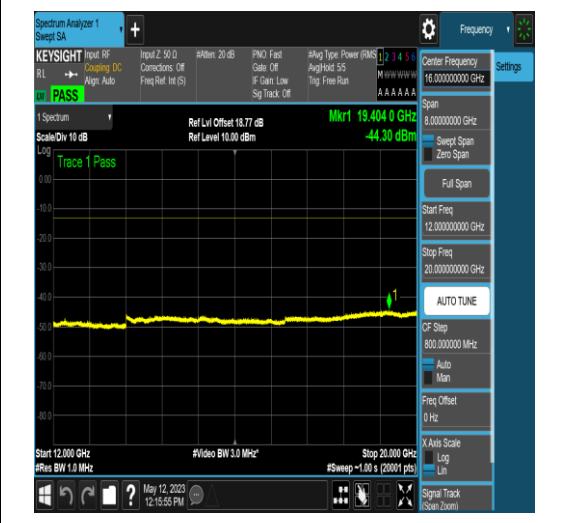
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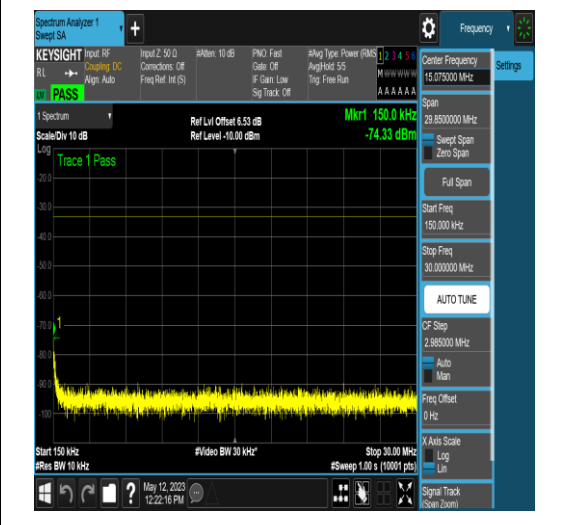
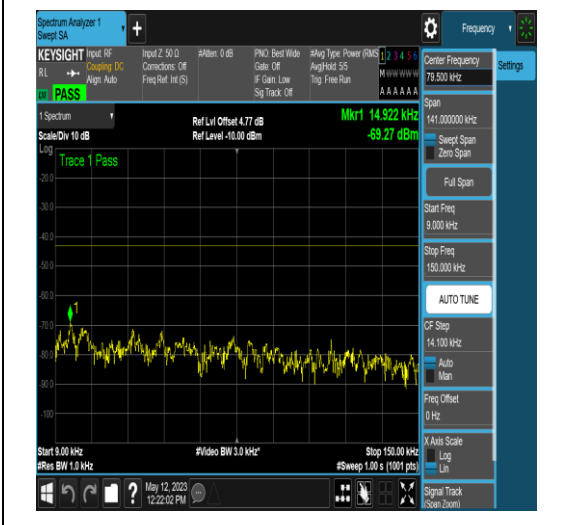
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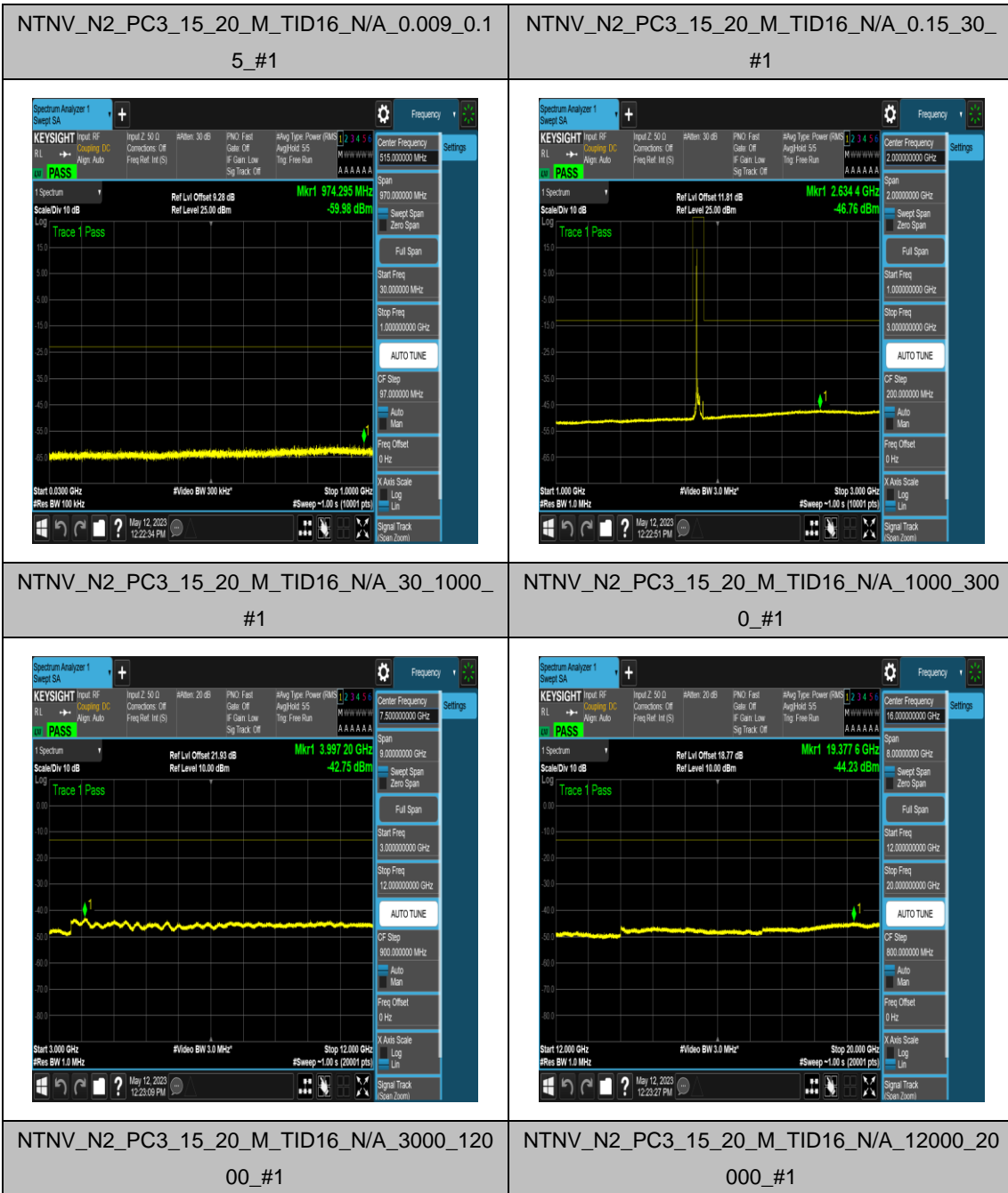
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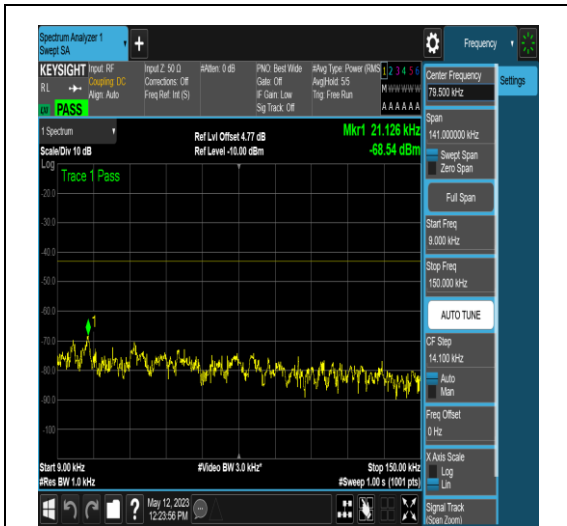


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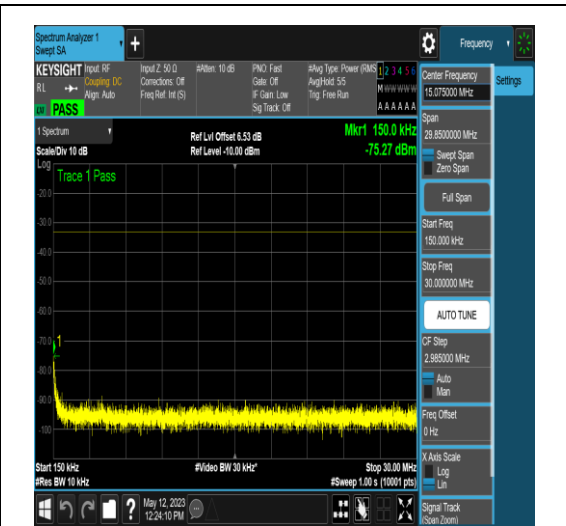
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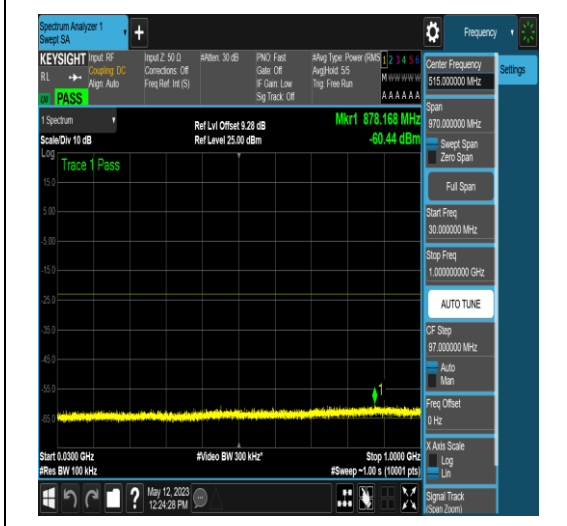




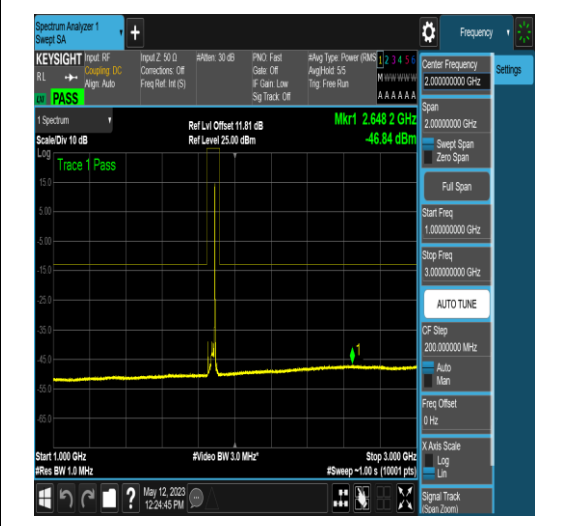
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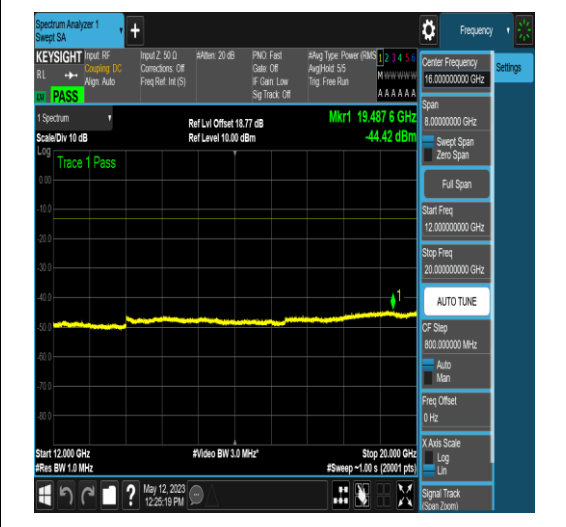
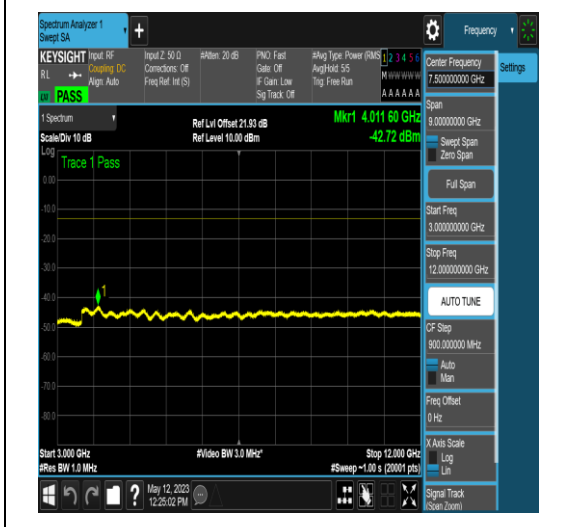
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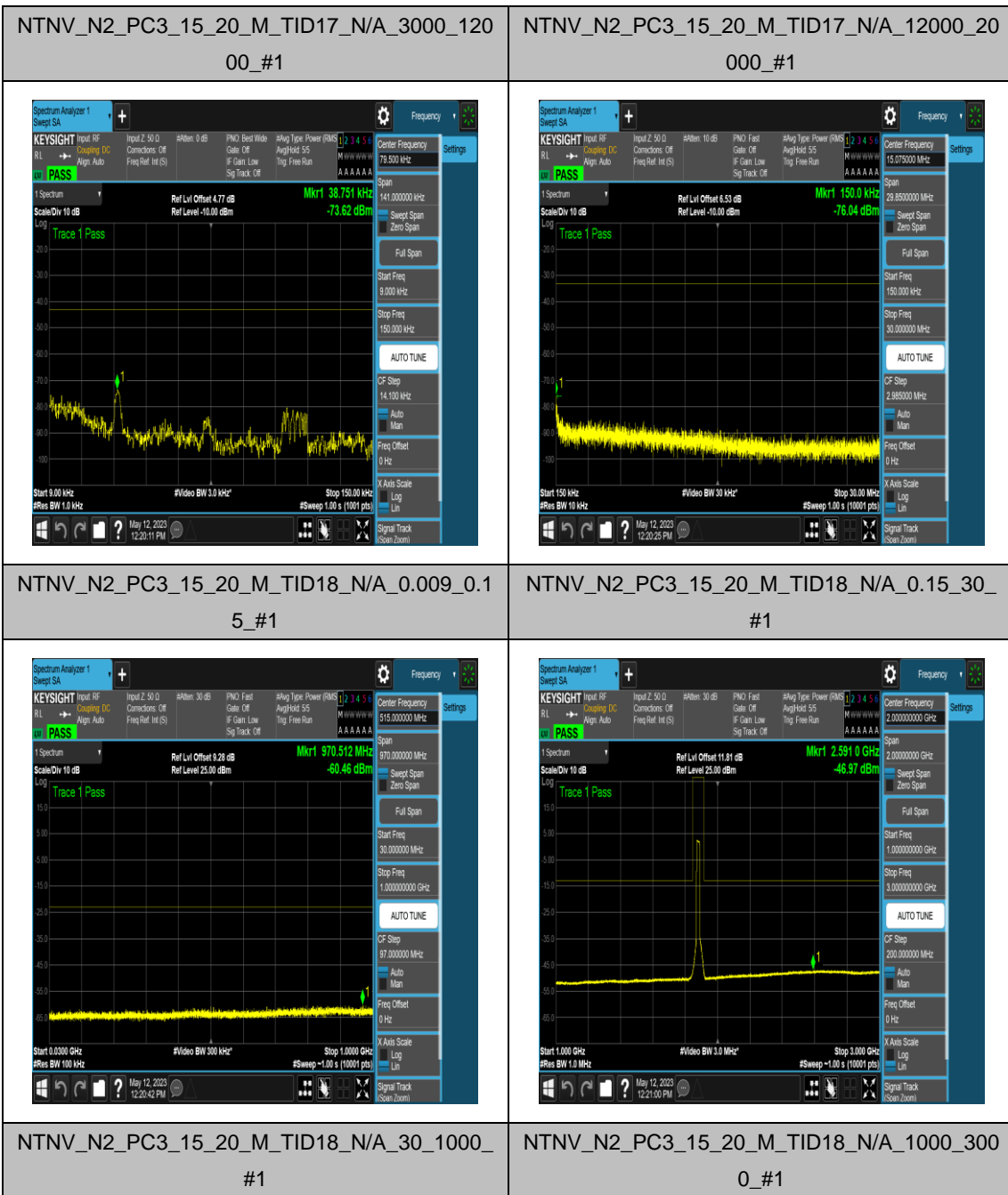


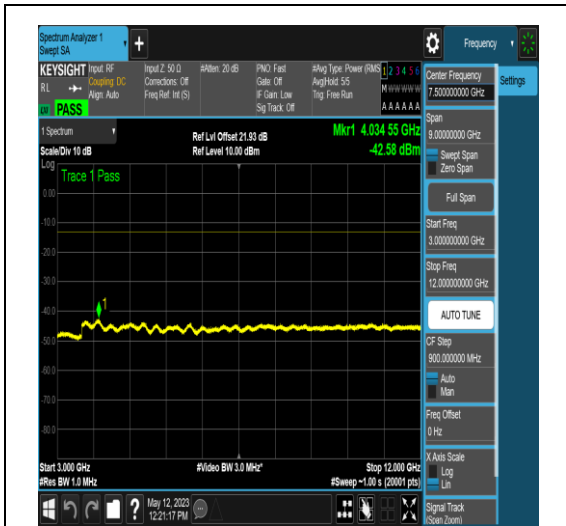
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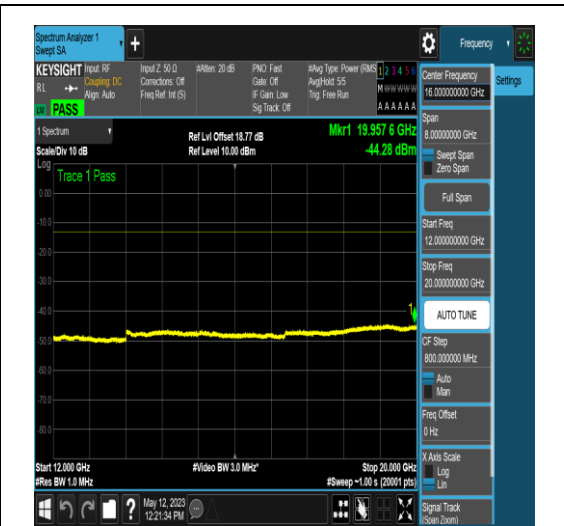
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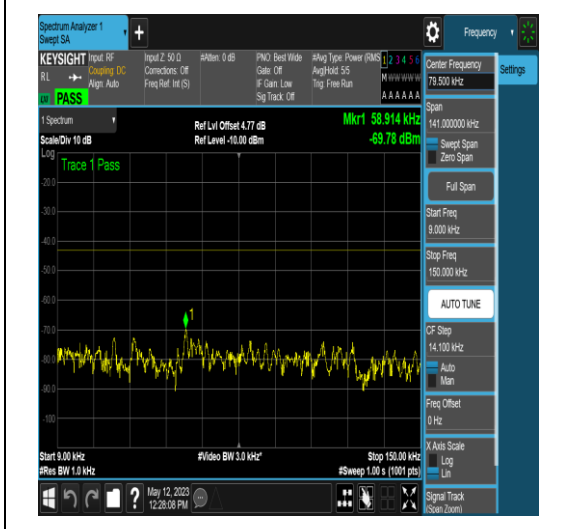




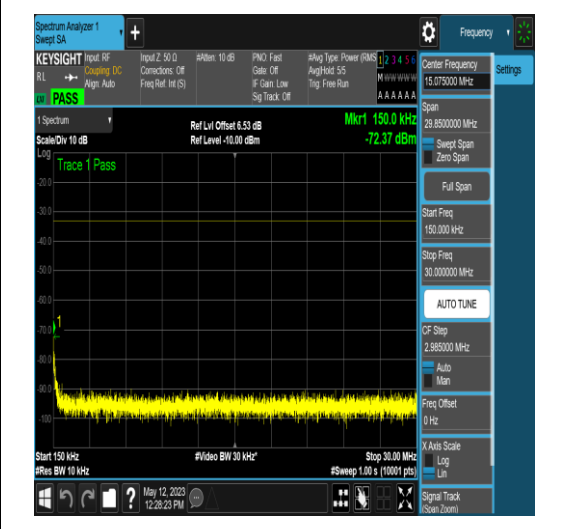
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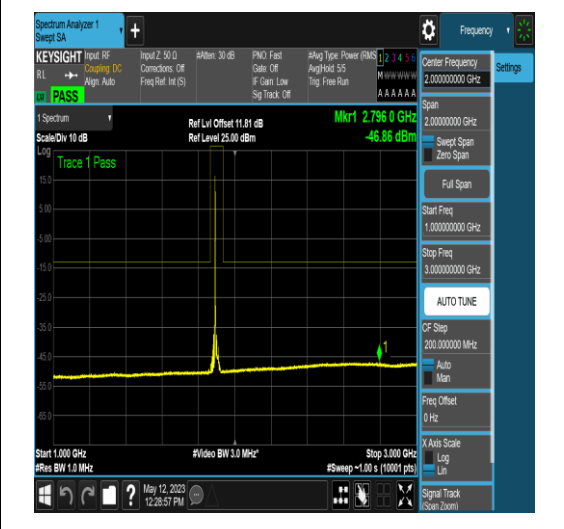
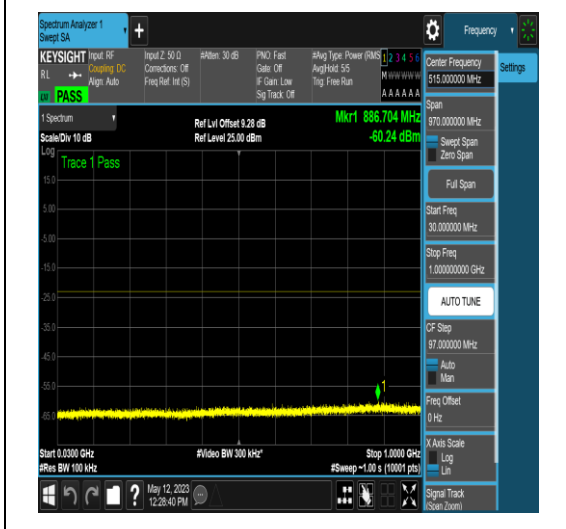
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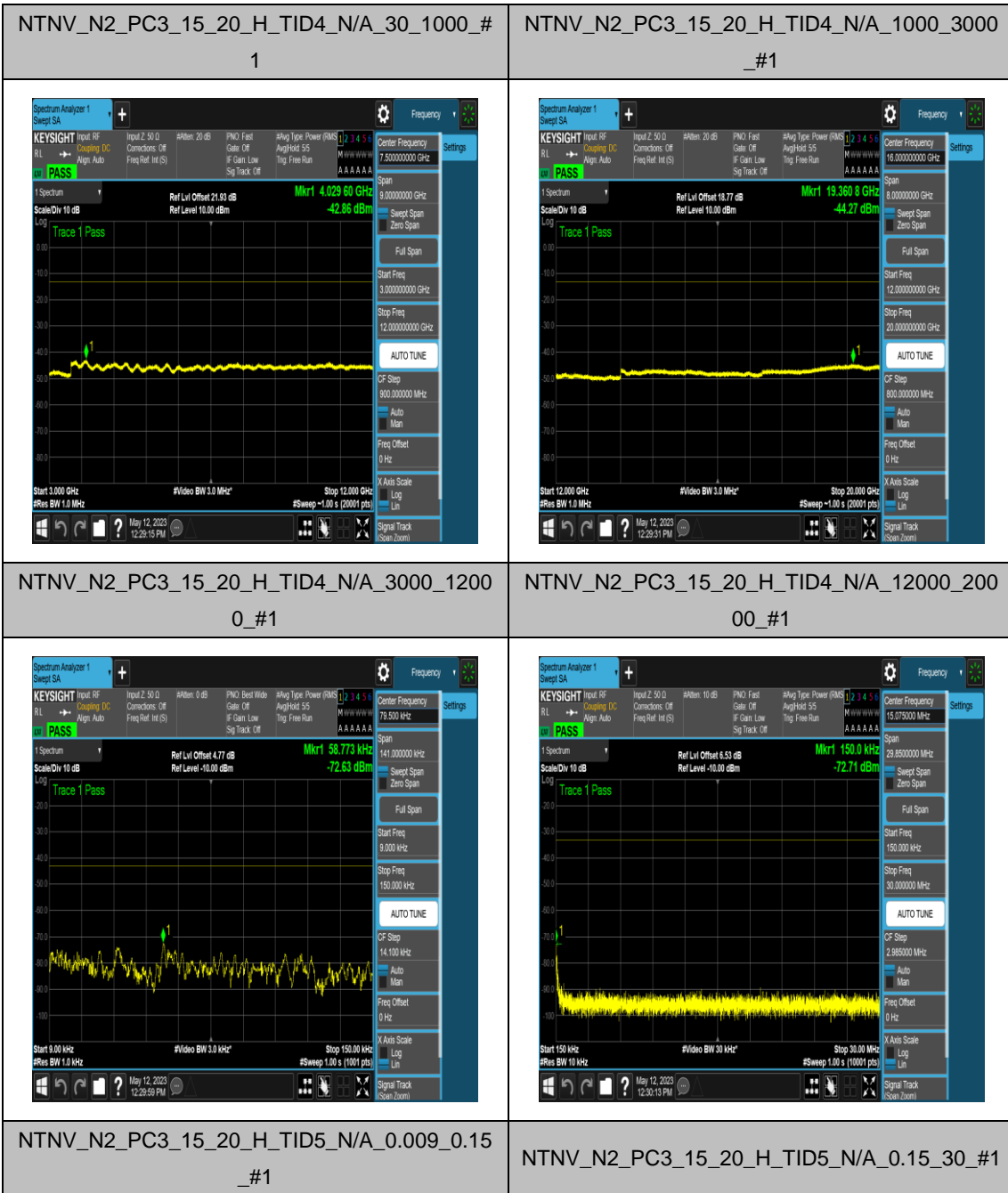


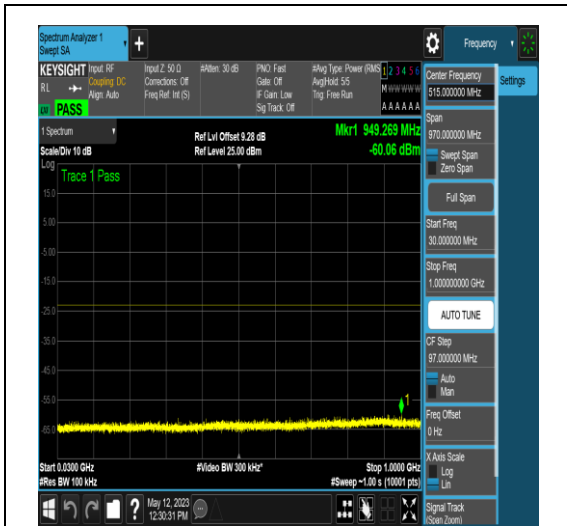
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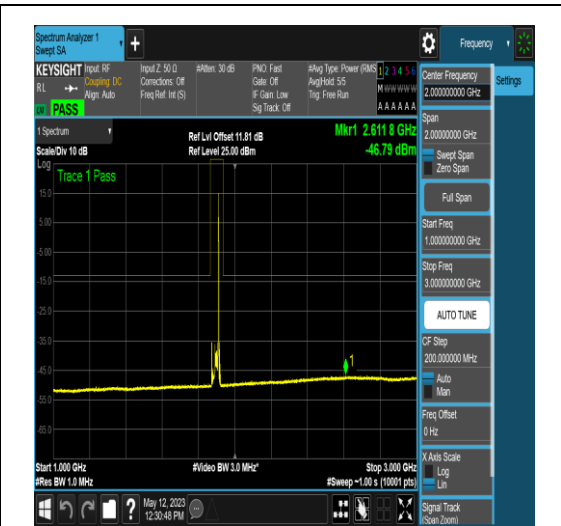






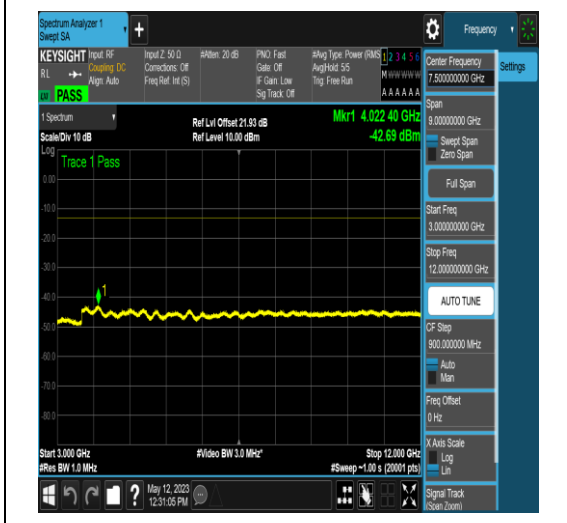
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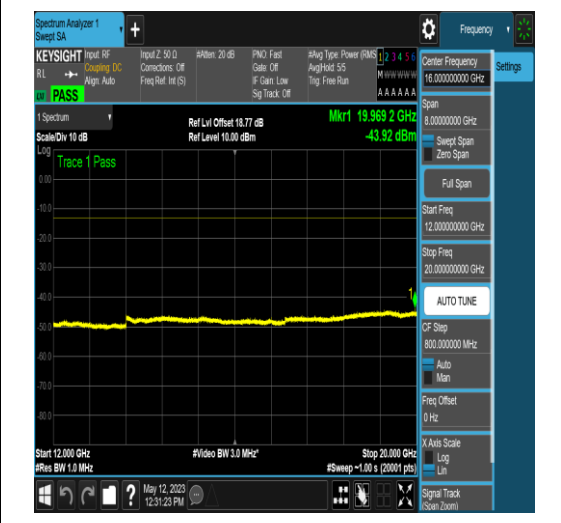
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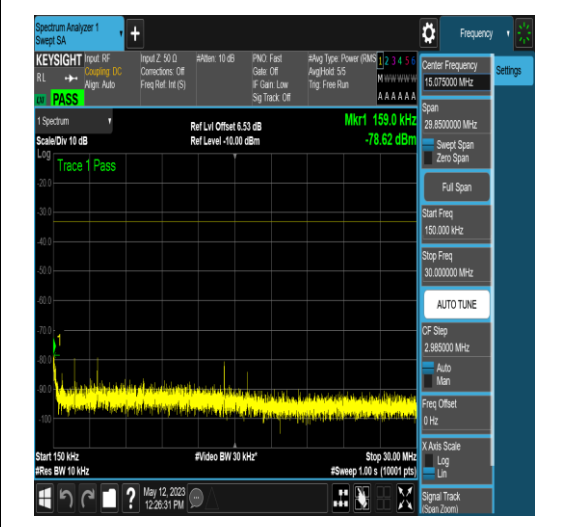
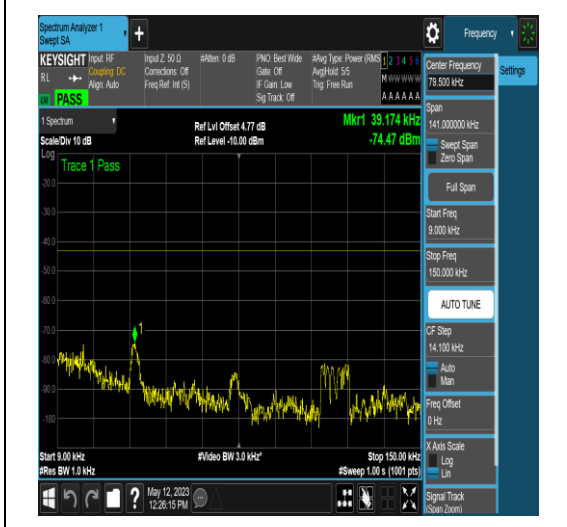
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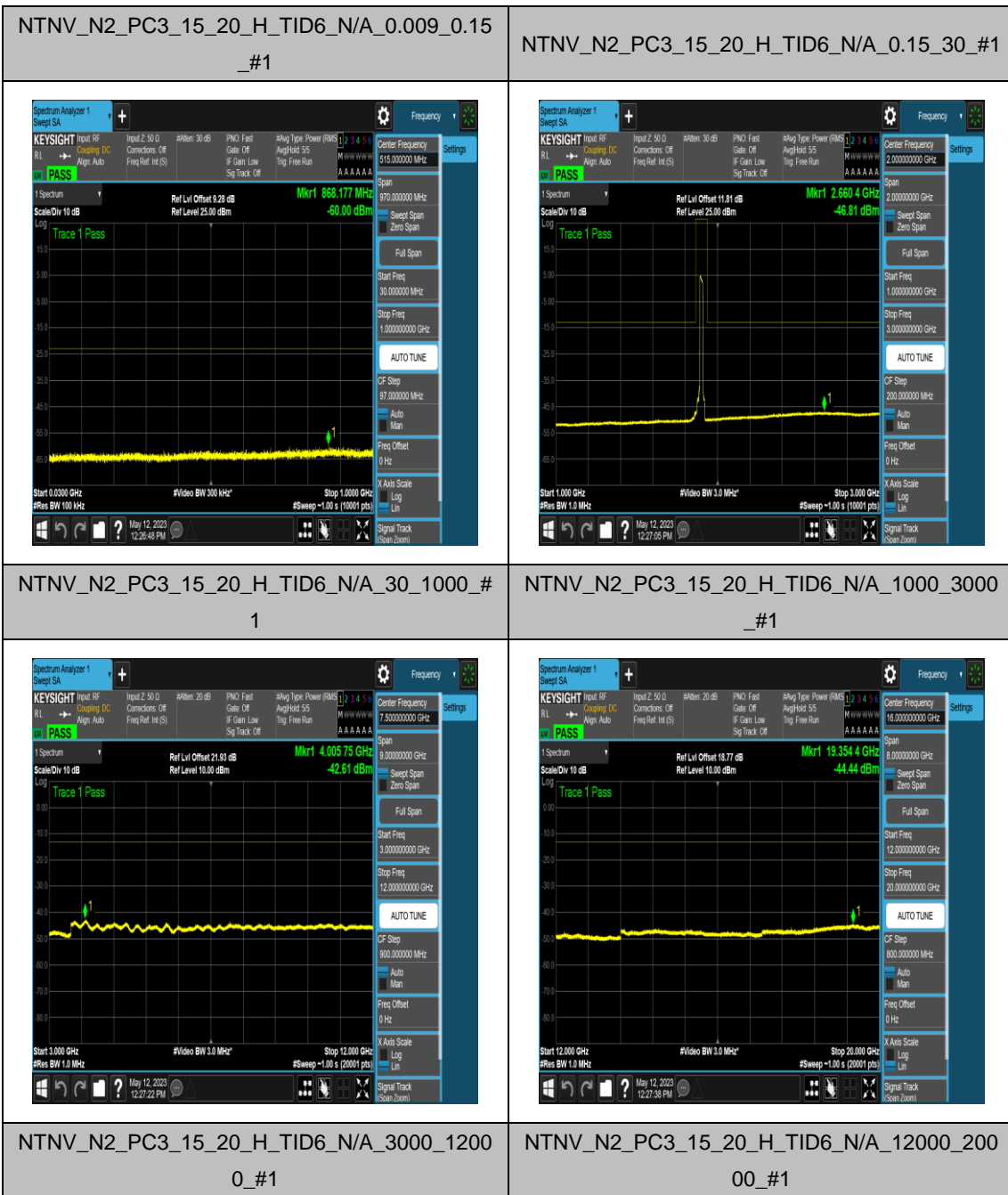
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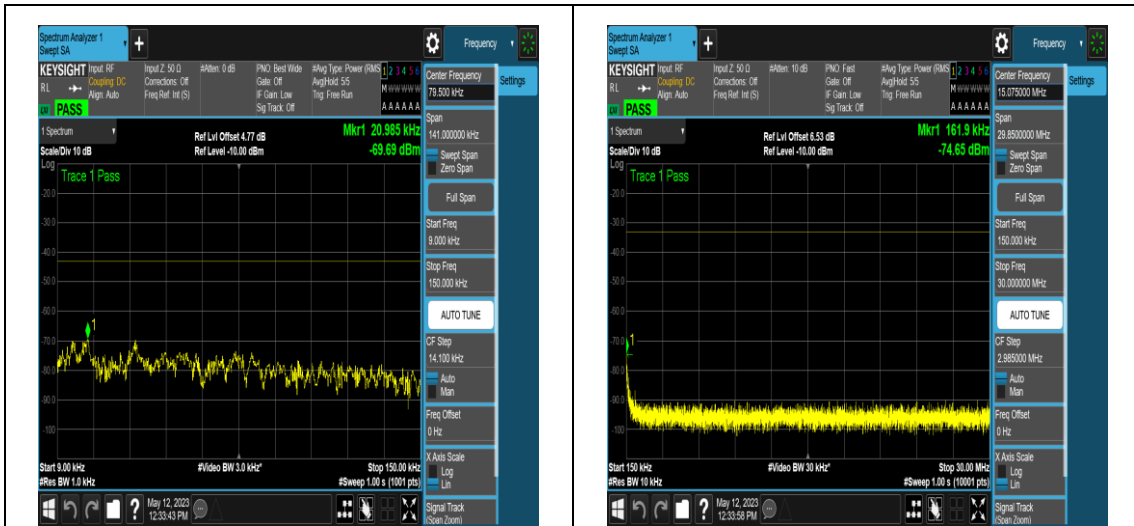


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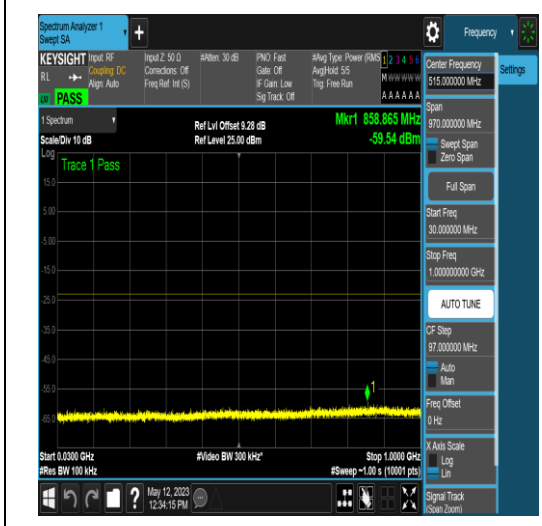




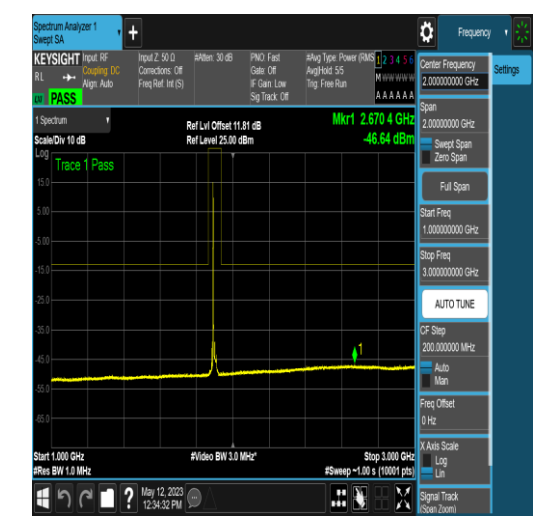


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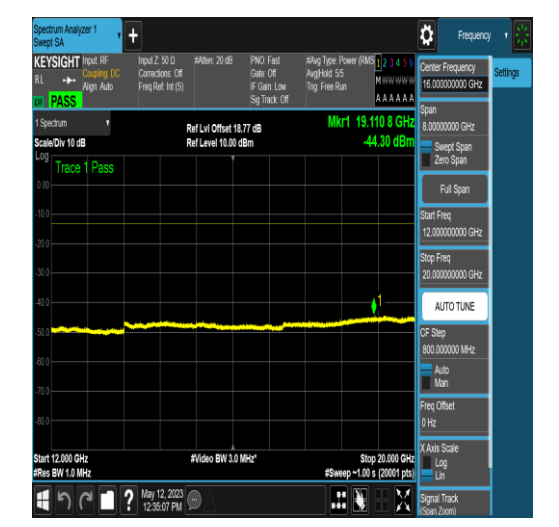
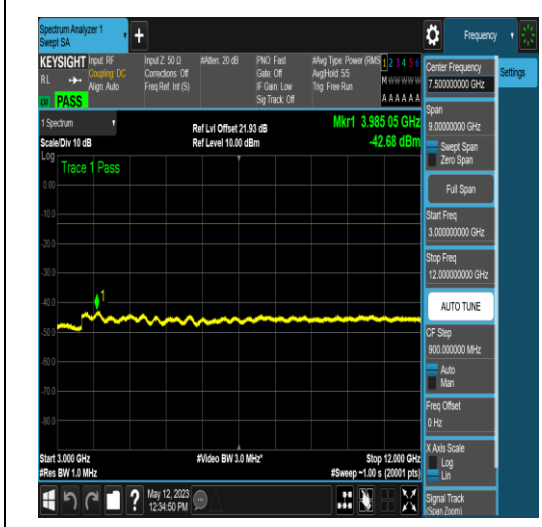
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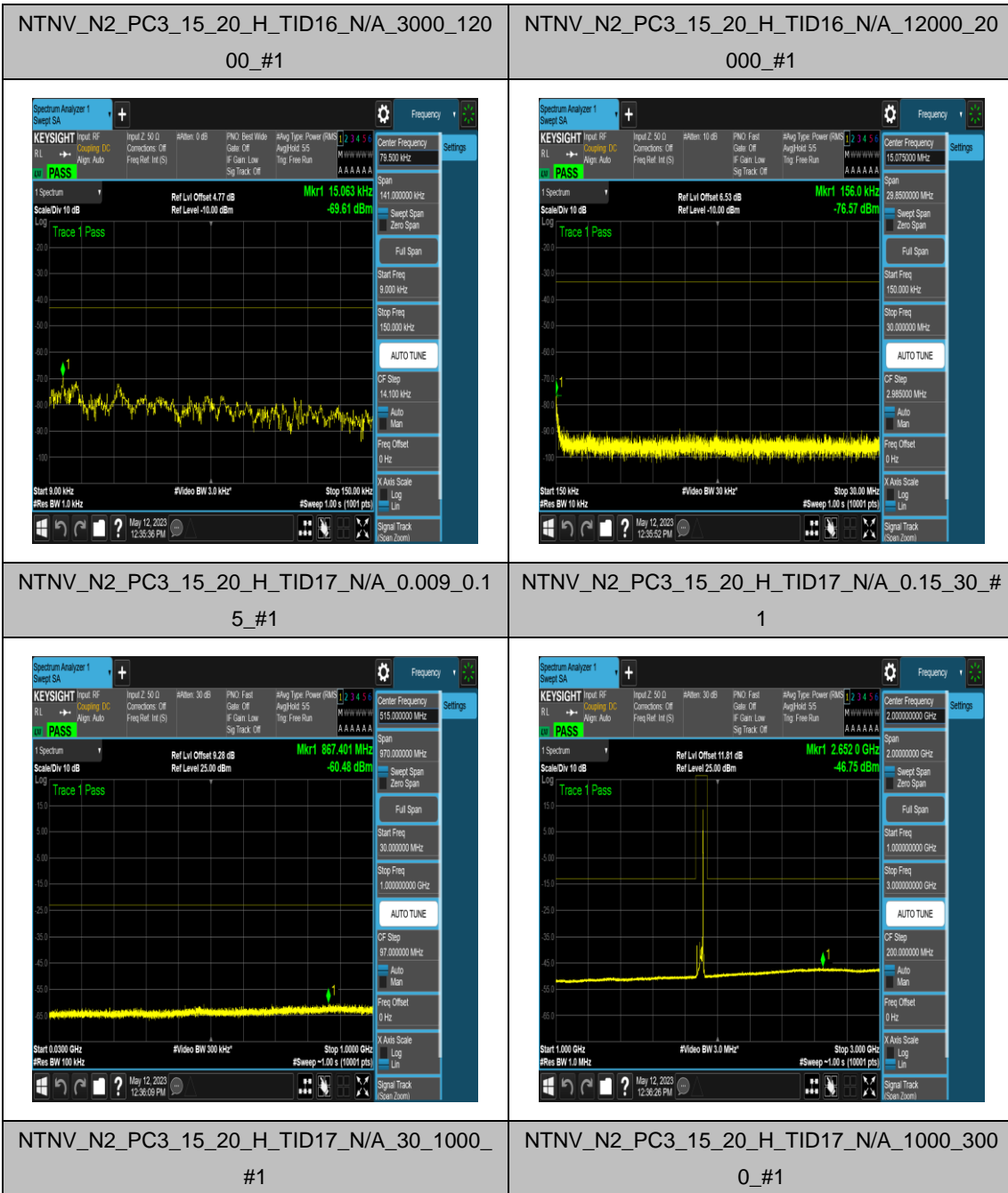


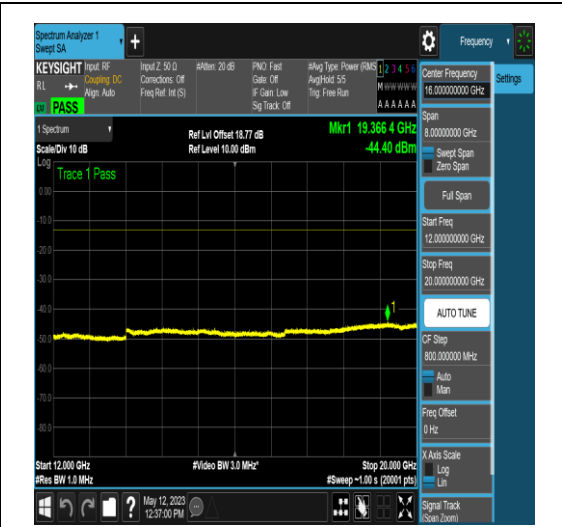
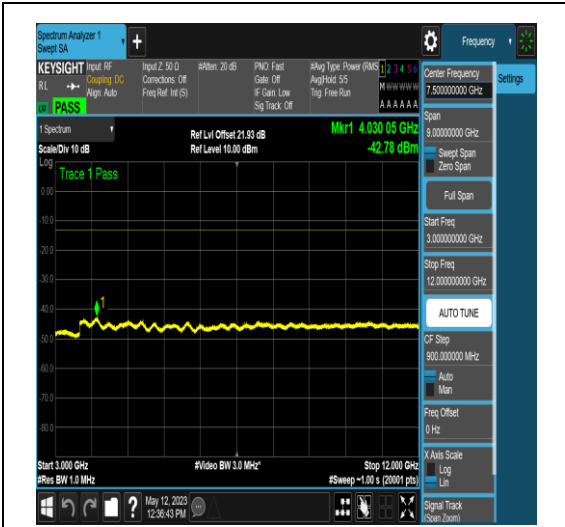
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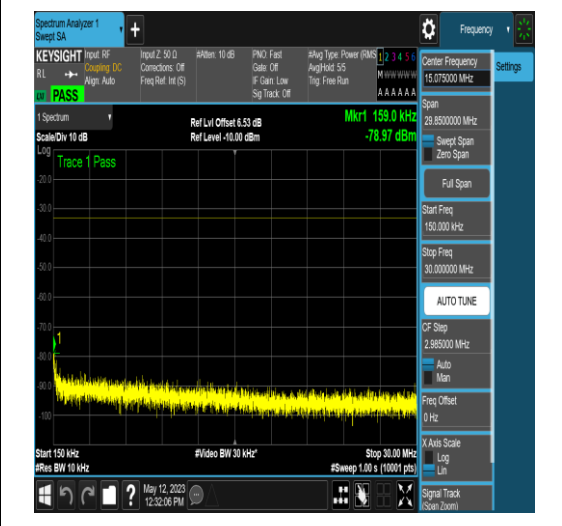
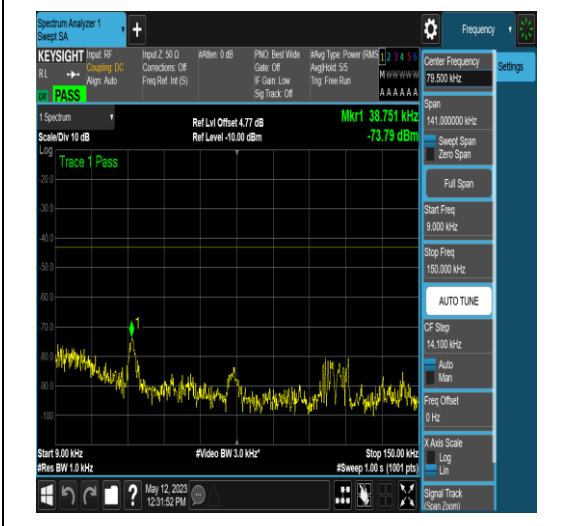






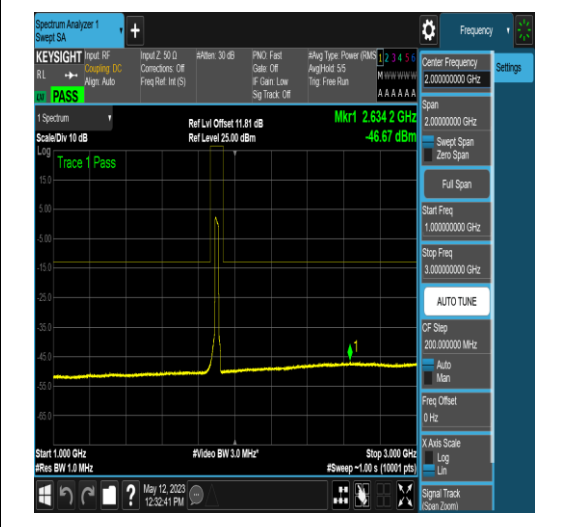
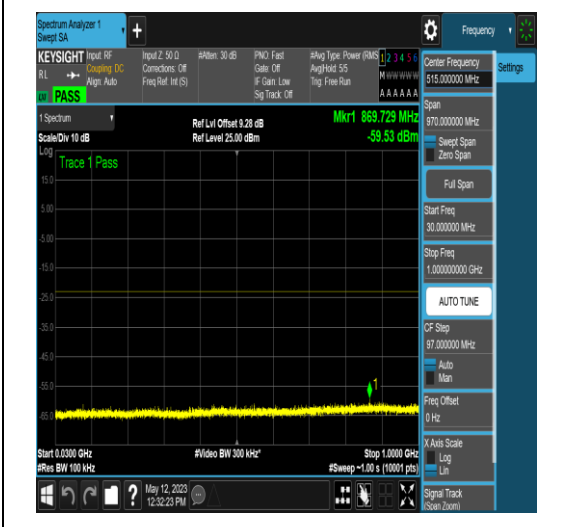
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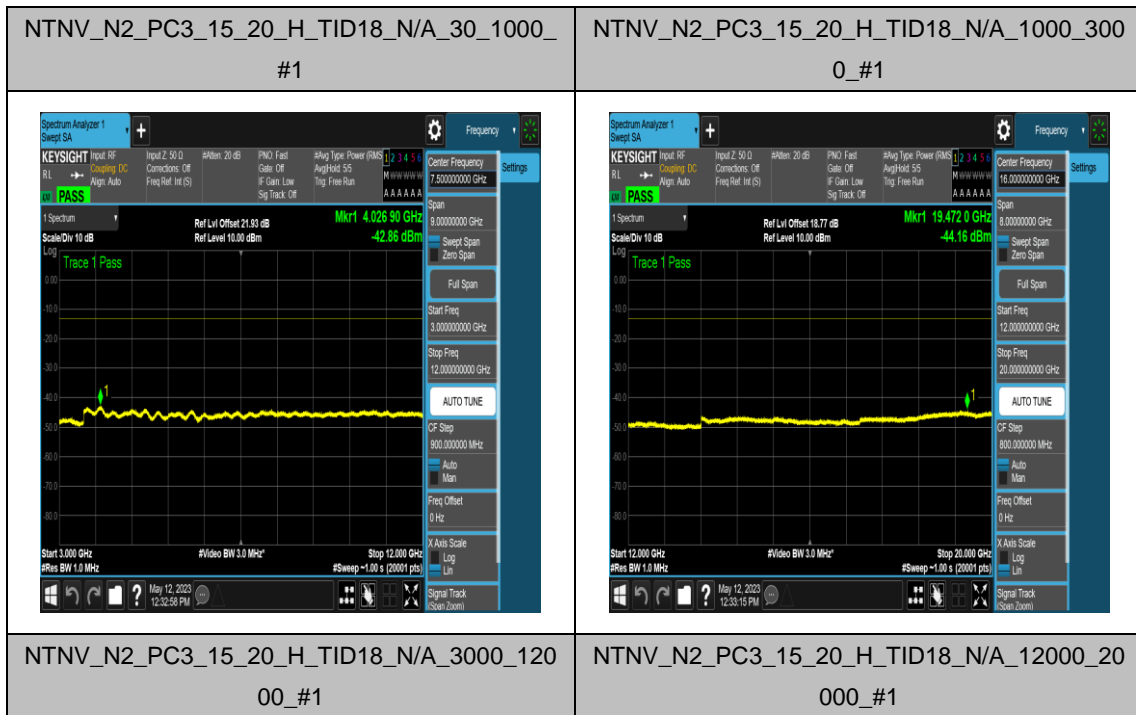
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NTNV_N2_PC3_15_20_H_TID18_N/A_0.009_0.1
5_#1

NTNV_N2_PC3_15_20_H_TID18_N/A_0.15_30_#
1





Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N2	15	5	DFT-QPSK	L	Outer_Full	VN	NT	-7.77	0.00	PASS
N2	15	5	CP-QPSK	L	Outer_Full	VN	NT	-4.69	0.00	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	VN	NT	2.50	0.00	PASS
N2	15	5	CP-QPSK	M	Outer_Full	VN	NT	-0.42	0.00	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	VN	NT	-6.41	0.00	PASS
N2	15	5	CP-QPSK	H	Outer_Full	VN	NT	0.29	0.00	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	VN	NT	2.29	0.00	PASS
N2	15	10	CP-QPSK	L	Outer_Full	VN	NT	-0.36	0.00	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	VN	NT	-1.38	0.00	PASS
N2	15	10	CP-QPSK	M	Outer_Full	VN	NT	-1.42	0.00	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	VN	NT	2.09	0.00	PASS
N2	15	10	CP-QPSK	H	Outer_Full	VN	NT	0.02	0.00	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	VN	NT	-5.34	0.00	PASS
N2	15	15	CP-QPSK	L	Outer_Full	VN	NT	-4.67	0.00	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	VN	NT	-1.03	0.00	PASS
N2	15	15	CP-QPSK	M	Outer_Full	VN	NT	-1.73	0.00	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	VN	NT	-1.09	0.00	PASS
N2	15	15	CP-QPSK	H	Outer_Full	VN	NT	-0.77	0.00	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	VN	NT	-1.17	0.00	PASS
N2	15	20	CP-QPSK	L	Outer_Full	VN	NT	-4.78	0.00	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	VN	NT	0.95	0.00	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VN	NT	1.18	0.00	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	VN	NT	-0.31	0.00	PASS
N2	15	20	CP-QPSK	H	Outer_Full	VN	NT	-9.05	0.00	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N2	15	5	DFT-QPSK	L	Outer_Full	NV	TN	-5.907208	-0.003189	PASS
N2	15	5	CP-QPSK	L	Outer_Full	NV	TN	-5.237436	-0.002827	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	TN	2.688210	0.001430	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	TN	-0.989889	-0.000527	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	TN	-5.686392	-0.002981	PASS
N2	15	5	CP-QPSK	H	Outer_Full	NV	TN	-0.648863	-0.000340	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	TN	-0.403161	-0.000217	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	TN	-0.655986	-0.000354	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	TN	-4.703988	-0.002502	PASS
N2	15	10	CP-QPSK	M	Outer_Full	NV	TN	-2.440657	-0.001298	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	TN	2.518773	0.001322	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	TN	-3.554152	-0.001866	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	TN	-5.833947	-0.003141	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	TN	-3.896540	-0.002098	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	TN	-4.229334	-0.002250	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	TN	-6.069005	-0.003228	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	TN	-3.148680	-0.001655	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	TN	2.164640	0.001138	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	TN	-0.626643	-0.000337	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	TN	-0.146774	-0.000079	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	TN	3.110571	0.001655	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	TN	0.118134	0.000063	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	TN	2.572819	0.001354	PASS
N2	15	20	CP-QPSK	H	Outer_Full	NV	TN	-5.349446	-0.002815	PASS