

Appendix for N77_3700-3980MHz

Appendix A: Average Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	Power Class	Verdict
N77-3700-3980	30	100	DFT-QPSK	L	Edge_1RB_Left	22.89	PC2	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Edge_1RB_Right	23.88	PC2	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	26.06	PC2	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_Full	27.17	PC2	PASS
N77-3700-3980	30	100	CP-QPSK	L	Edge_1RB_Left	22.88	PC2	PASS
N77-3700-3980	30	100	CP-QPSK	L	Edge_1RB_Right	23.74	PC2	PASS
N77-3700-3980	30	100	CP-QPSK	L	Outer_Full	24.10	PC2	PASS
N77-3700-3980	30	100	CP-QPSK	L	Inner_Full	25.64	PC2	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Edge_1RB_Left	23.52	PC2	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Edge_1RB_Right	23.06	PC2	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	22.13	PC2	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_Full	26.91	PC2	PASS
N77-3700-3980	30	100	CP-QPSK	M	Edge_1RB_Left	23.55	PC2	PASS
N77-3700-3980	30	100	CP-QPSK	M	Edge_1RB_Right	23.16	PC2	PASS
N77-3700	30	100	CP-QPSK	M	Outer_Full	23.89	PC2	PASS

-3980								
N77-3700 -3980	30	100	CP-QPSK	M	Inner_Full	25.42	PC2	PASS
N77-3700 -3980	30	100	DFT-QPSK	H	Edge_1RB_Left	22.58	PC2	PASS
N77-3700 -3980	30	100	DFT-QPSK	H	Edge_1RB_Right	22.35	PC2	PASS
N77-3700 -3980	30	100	DFT-QPSK	H	Outer_Full	25.36	PC2	PASS
N77-3700 -3980	30	100	DFT-QPSK	H	Inner_Full	26.28	PC2	PASS
N77-3700 -3980	30	100	CP-QPSK	H	Edge_1RB_Left	22.90	PC2	PASS
N77-3700 -3980	30	100	CP-QPSK	H	Edge_1RB_Right	22.41	PC2	PASS
N77-3700 -3980	30	100	CP-QPSK	H	Outer_Full	23.70	PC2	PASS
N77-3700 -3980	30	100	CP-QPSK	H	Inner_Full	24.71	PC2	PASS

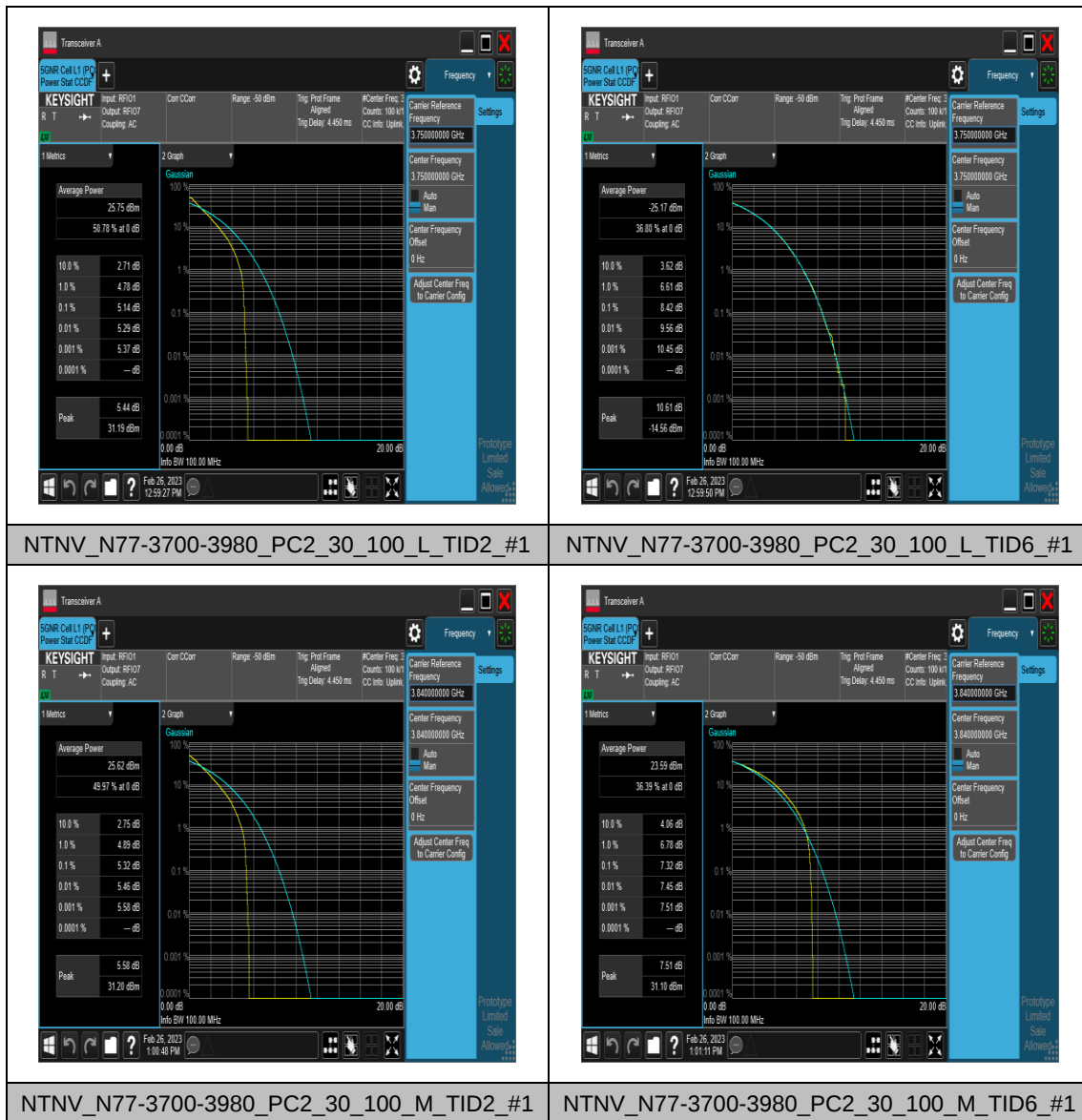
Appendix B: Peak-to-Average Ratio for SA

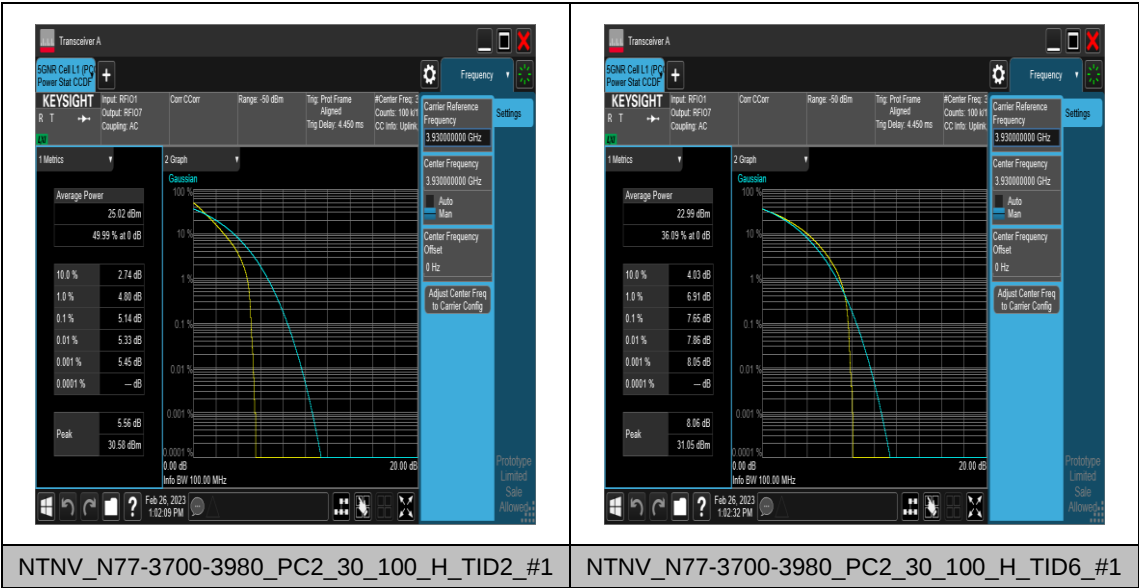
Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	5.14	≤13	PASS
N77-3700-3980	30	100	CP-QPSK	L	Outer_Full	8.42	≤13	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	5.32	≤13	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	7.32	≤13	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	5.14	≤13	PASS
N77-3700-3980	30	100	CP-QPSK	H	Outer_Full	7.65	≤13	PASS

Test Graphs



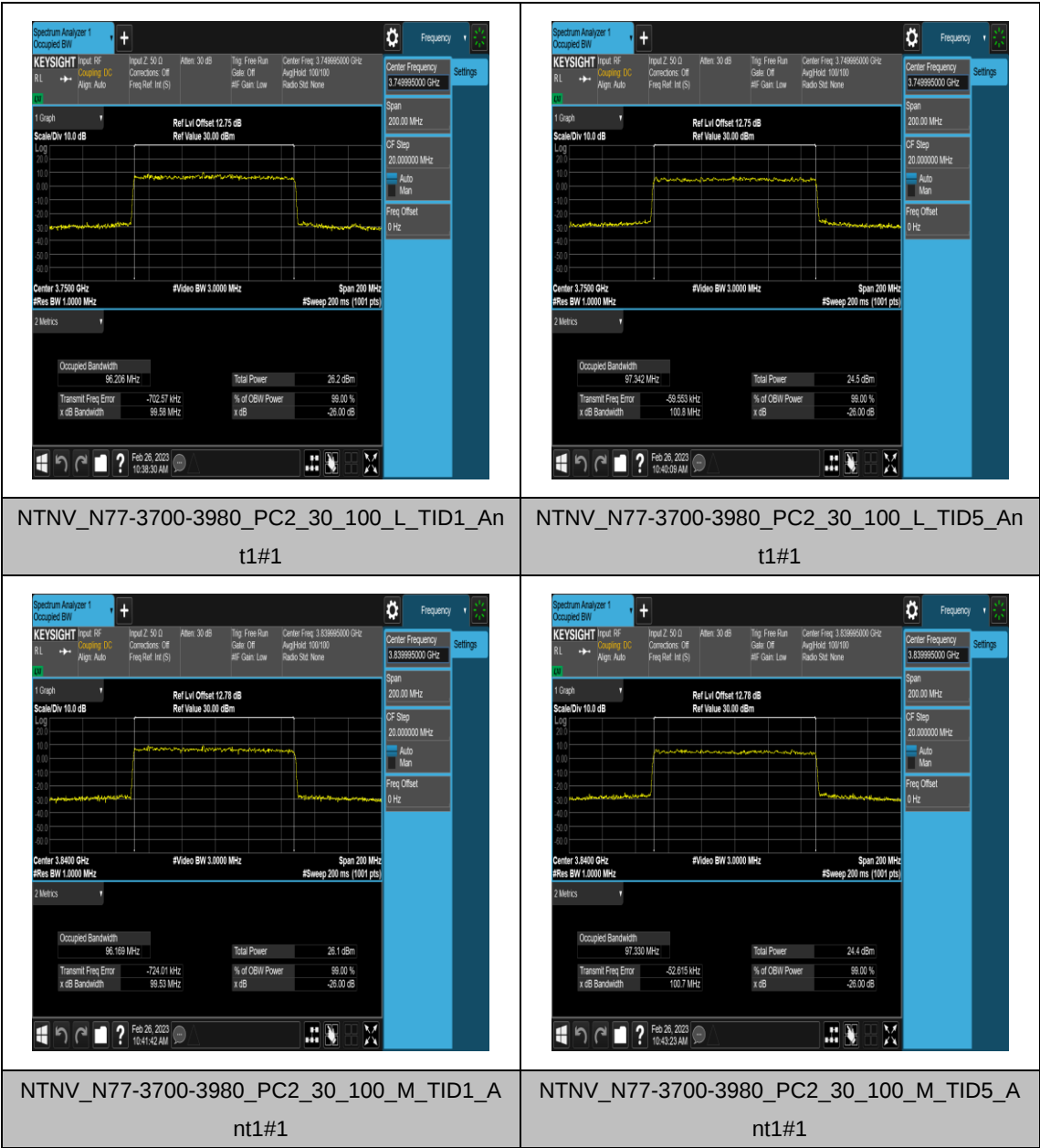


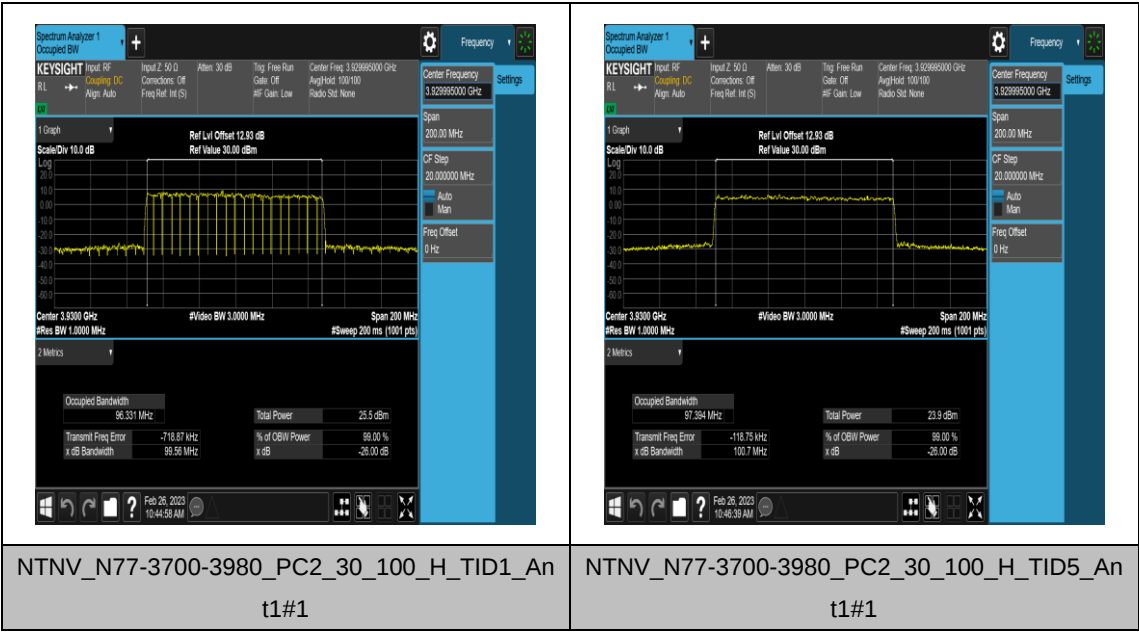
Appendix C: 26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N77-3700 -3980	30	100	DFT-QPSK	L	Outer_Full	96.206	99.58	PASS
N77-3700 -3980	30	100	CP-QPSK	L	Outer_Full	97.342	100.8	PASS
N77-3700 -3980	30	100	DFT-QPSK	M	Outer_Full	96.169	99.53	PASS
N77-3700 -3980	30	100	CP-QPSK	M	Outer_Full	97.330	100.7	PASS
N77-3700 -3980	30	100	DFT-QPSK	H	Outer_Full	96.331	99.56	PASS
N77-3700 -3980	30	100	CP-QPSK	H	Outer_Full	97.394	100.7	PASS

Test Graphs



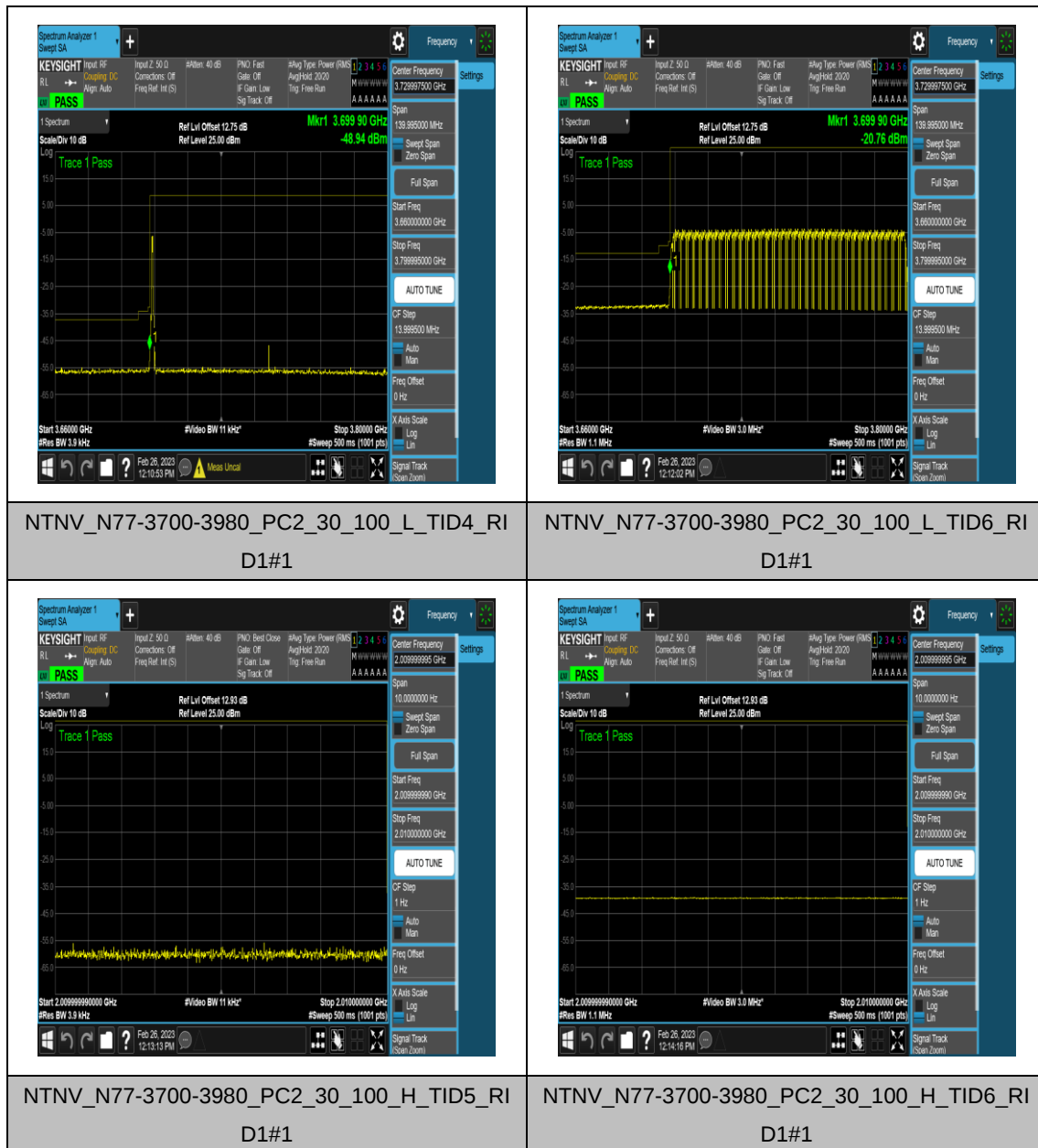


Appendix D: Band Edge for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N77-3700-3980	30	100	CP-QPSK	L	Edge_1RB_Left	see graph	PASS
N77-3700-3980	30	100	CP-QPSK	L	Outer_Full	see graph	PASS
N77-3700-3980	30	100	CP-QPSK	H	Edge_1RB_Right	see graph	PASS
N77-3700-3980	30	100	CP-QPSK	H	Outer_Full	see graph	PASS

Test Graphs



Appendix E: Conducted Spurious Emission for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N77-3 700-39 80	30	100	DFT-QPSK	L	Edge_1RB_Left	0.009	0.15	-55.49	-43	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Edge_1RB_Left	0.15	30	-76.04	-33	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Edge_1RB_Left	30	1000	-70.16	-23	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-56.92	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Edge_1RB_Left	3000	6000	-49.50	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Edge_1RB_Left	6000	26000	-29.85	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Edge_1RB_Left	26000	40000	-33.46	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Edge_1RB_Right	0.009	0.15	-55.46	-43	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Edge_1RB_Right	0.15	30	-76.22	-33	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Edge_1RB_Right	30	1000	-70.72	-23	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Edge_1RB_Right	1000	3000	-56.99	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Edge_1RB_Right	3000	6000	-49.11	-13	PASS

80										
N77-3 700-39 80	30	100	DFT-QPSK	L	Edge_1RB_Right	6000	26000	-29.70	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Edge_1RB_Right	26000	40000	-33.11	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Outer_Full	0.009	0.15	-55.98	-43	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Outer_Full	0.15	30	-75.00	-33	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Outer_Full	30	1000	-70.63	-23	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Outer_Full	1000	3000	-57.03	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Outer_Full	3000	6000	-49.59	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Outer_Full	6000	26000	-30.15	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	L	Outer_Full	26000	40000	-33.64	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	L	Edge_1RB_Left	0.009	0.15	-57.59	-43	PASS
N77-3 700-39 80	30	100	CP-QPSK	L	Edge_1RB_Left	0.15	30	-74.10	-33	PASS
N77-3 700-39 80	30	100	CP-QPSK	L	Edge_1RB_Left	30	1000	-70.68	-23	PASS
N77-3 700-39 80	30	100	CP-QPSK	L	Edge_1RB_Left	1000	3000	-57.00	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	L	Edge_1RB_Left	3000	6000	-49.56	-13	PASS

N77-3 700-39 80	30	100	CP-QPSK	L	Edge_1RB_Left	6000	26000	-30.08	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	L	Edge_1RB_Left	26000	40000	-33.29	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	L	Edge_1RB_Right	0.009	0.15	-57.06	-43	PASS
N77-3 700-39 80	30	100	CP-QPSK	L	Edge_1RB_Right	0.15	30	-75.61	-33	PASS
N77-3 700-39 80	30	100	CP-QPSK	L	Edge_1RB_Right	30	1000	-70.62	-23	PASS
N77-3 700-39 80	30	100	CP-QPSK	L	Edge_1RB_Right	1000	3000	-57.01	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	L	Edge_1RB_Right	3000	6000	-49.60	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	L	Edge_1RB_Right	6000	26000	-30.06	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	L	Edge_1RB_Right	26000	40000	-33.65	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	L	Outer_Full	0.009	0.15	-59.36	-43	PASS
N77-3 700-39 80	30	100	CP-QPSK	L	Outer_Full	0.15	30	-74.41	-33	PASS
N77-3 700-39 80	30	100	CP-QPSK	L	Outer_Full	30	1000	-70.85	-23	PASS
N77-3 700-39 80	30	100	CP-QPSK	L	Outer_Full	1000	3000	-57.13	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	L	Outer_Full	3000	6000	-49.77	-13	PASS
N77-3	30	100	CP-QPSK	L	Outer_Full	6000	26000	-30.06	-13	PASS

700-39 80										
N77-3 700-39 80	30	100	CP-QPSK	L	Outer_Full	26000	40000	-33.60	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Edge_1RB_Left	0.009	0.15	-54.94	-43	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Edge_1RB_Left	0.15	30	-74.23	-33	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Edge_1RB_Left	30	1000	-70.52	-23	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-56.96	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Edge_1RB_Left	3000	6000	-49.49	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Edge_1RB_Left	6000	26000	-29.88	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Edge_1RB_Left	26000	40000	-33.47	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Edge_1RB_Right	0.009	0.15	-57.70	-43	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Edge_1RB_Right	0.15	30	-74.02	-33	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Edge_1RB_Right	30	1000	-70.64	-23	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Edge_1RB_Right	1000	3000	-57.05	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Edge_1RB_Right	3000	6000	-49.51	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Edge_1RB_Right	6000	26000	-30.12	-13	PASS

80										
N77-3 700-39 80	30	100	DFT-QPSK	M	Edge_1RB_Right	26000	40000	-33.67	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Outer_Full	0.009	0.15	-58.14	-43	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Outer_Full	0.15	30	-74.76	-33	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Outer_Full	30	1000	-70.41	-23	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Outer_Full	1000	3000	-56.66	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Outer_Full	3000	6000	-49.59	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Outer_Full	6000	26000	-29.94	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	M	Outer_Full	26000	40000	-33.54	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	M	Edge_1RB_Left	0.009	0.15	-56.35	-43	PASS
N77-3 700-39 80	30	100	CP-QPSK	M	Edge_1RB_Left	0.15	30	-73.16	-33	PASS
N77-3 700-39 80	30	100	CP-QPSK	M	Edge_1RB_Left	30	1000	-70.65	-23	PASS
N77-3 700-39 80	30	100	CP-QPSK	M	Edge_1RB_Left	1000	3000	-57.05	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	M	Edge_1RB_Left	3000	6000	-49.77	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	M	Edge_1RB_Left	6000	26000	-29.93	-13	PASS

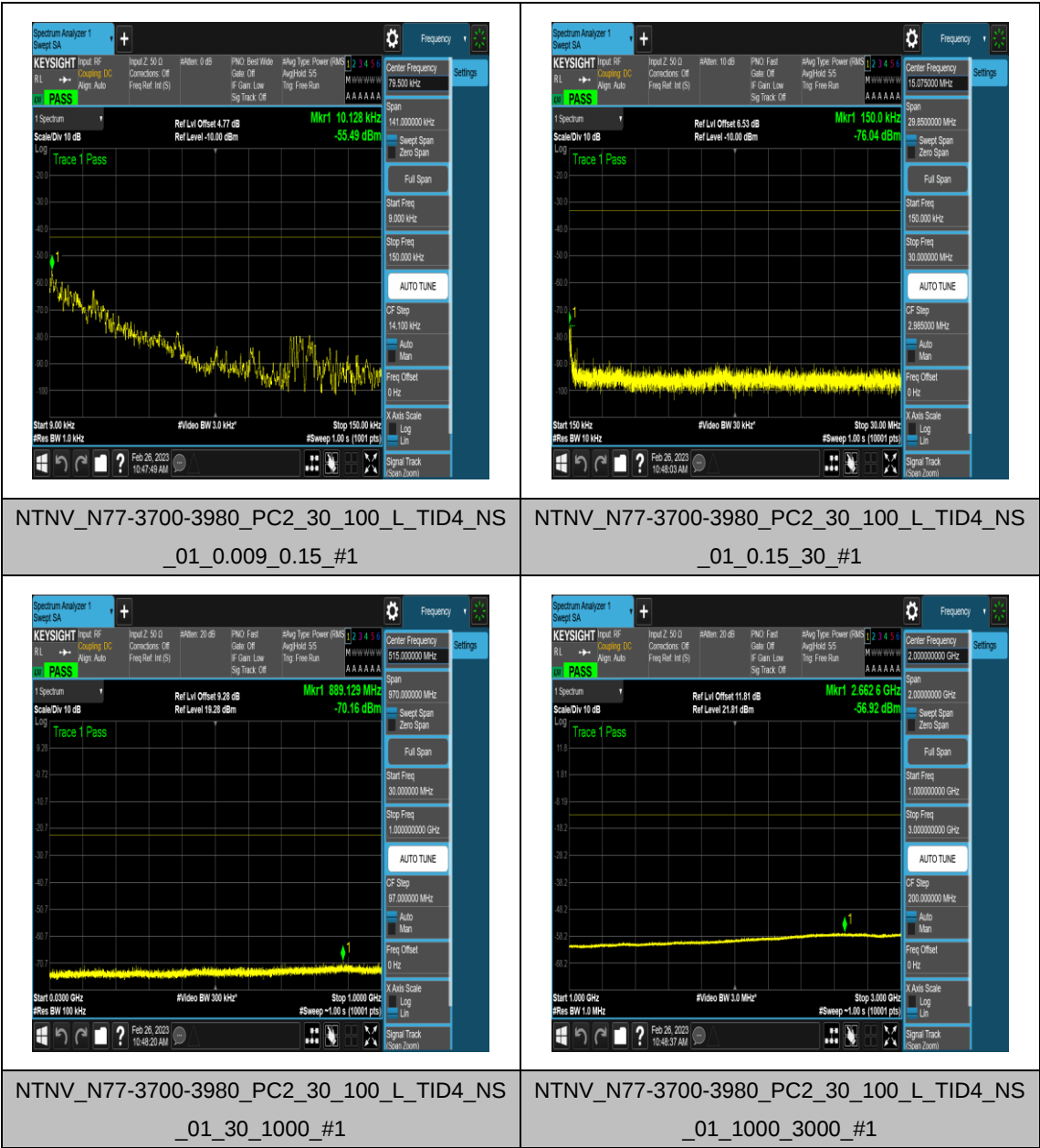
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N77-3 700-39 80	30	100	CP-QPSK	M	Edge_1RB_Right	0.009	0.15	-57.10	-43	PASS
N77-3 700-39 80	30	100	CP-QPSK	M	Edge_1RB_Right	0.15	30	-72.39	-33	PASS
N77-3 700-39 80	30	100	CP-QPSK	M	Edge_1RB_Right	30	1000	-70.37	-23	PASS
N77-3 700-39 80	30	100	CP-QPSK	M	Edge_1RB_Right	1000	3000	-56.81	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	M	Edge_1RB_Right	3000	6000	-49.69	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	M	Edge_1RB_Right	6000	26000	-30.05	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	M	Edge_1RB_Right	26000	40000	-33.64	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	M	Outer_Full	0.009	0.15	-56.60	-43	PASS
N77-3 700-39 80	30	100	CP-QPSK	M	Outer_Full	0.15	30	-74.16	-33	PASS
N77-3 700-39 80	30	100	CP-QPSK	M	Outer_Full	30	1000	-70.78	-23	PASS
N77-3 700-39 80	30	100	CP-QPSK	M	Outer_Full	1000	3000	-56.92	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	M	Outer_Full	3000	6000	-49.85	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	M	Outer_Full	6000	26000	-29.91	-13	PASS
N77-3	30	100	CP-QPSK	M	Outer_Full	26000	40000	-33.54	-13	PASS

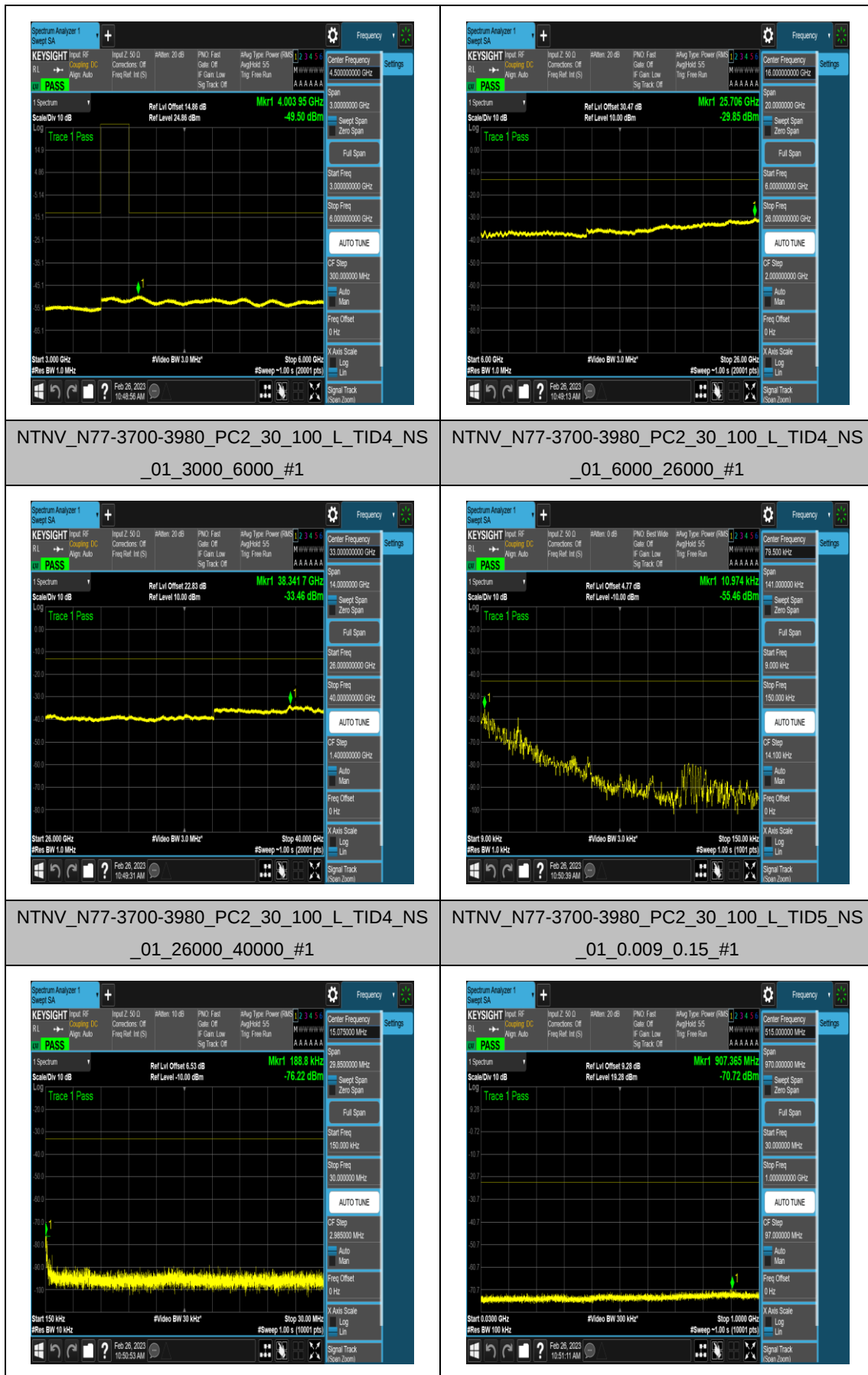
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N77-3 700-39 80	30	100	DFT-QPSK	H	Edge_1RB_Left	30	1000	-70.05	-23	PASS
N77-3 700-39 80	30	100	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-56.77	-13	PASS
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N77-3 700-39 80	30	100	DFT-QPSK	H	Edge_1RB_Right	0.009	0.15	-57.93	-43	PASS
N77-3 700-39 80	30	100	DFT-QPSK	H	Edge_1RB_Right	0.15	30	-72.34	-33	PASS
N77-3 700-39 80	30	100	DFT-QPSK	H	Edge_1RB_Right	30	1000	-70.82	-23	PASS
N77-3 700-39 80	30	100	DFT-QPSK	H	Edge_1RB_Right	1000	3000	-57.01	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	H	Edge_1RB_Right	3000	6000	-49.98	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	H	Edge_1RB_Right	6000	26000	-30.28	-13	PASS
N77-3 700-39	30	100	DFT-QPSK	H	Edge_1RB_Right	26000	40000	-33.65	-13	PASS

80										
N77-3 700-39 80	30	100	DFT-QPSK	H	Outer_Full	0.009	0.15	-57.85	-43	PASS
N77-3 700-39 80	30	100	DFT-QPSK	H	Outer_Full	0.15	30	-74.40	-33	PASS
N77-3 700-39 80	30	100	DFT-QPSK	H	Outer_Full	30	1000	-70.74	-23	PASS
N77-3 700-39 80	30	100	DFT-QPSK	H	Outer_Full	1000	3000	-57.04	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	H	Outer_Full	3000	6000	-50.08	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	H	Outer_Full	6000	26000	-30.11	-13	PASS
N77-3 700-39 80	30	100	DFT-QPSK	H	Outer_Full	26000	40000	-33.28	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	H	Edge_1RB_Left	0.009	0.15	-55.90	-43	PASS
N77-3 700-39 80	30	100	CP-QPSK	H	Edge_1RB_Left	0.15	30	-74.62	-33	PASS
N77-3 700-39 80	30	100	CP-QPSK	H	Edge_1RB_Left	30	1000	-70.57	-23	PASS
N77-3 700-39 80	30	100	CP-QPSK	H	Edge_1RB_Left	1000	3000	-56.79	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	H	Edge_1RB_Left	3000	6000	-50.18	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	H	Edge_1RB_Left	6000	26000	-30.19	-13	PASS
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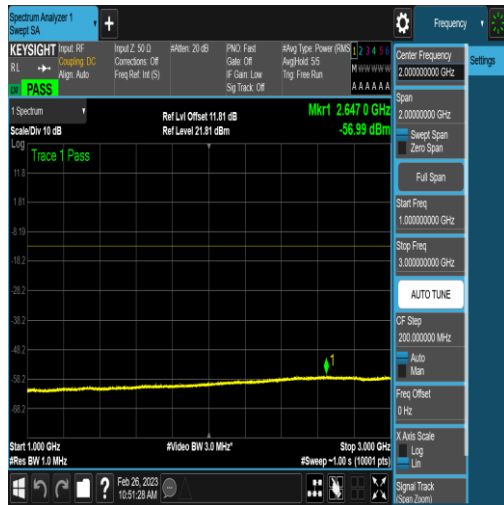
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N77-3 700-39 80	30	100	CP-QPSK	H	Edge_1RB_Right	0.15	30	-72.47	-33	PASS
N77-3 700-39 80	30	100	CP-QPSK	H	Edge_1RB_Right	30	1000	-71.05	-23	PASS
N77-3 700-39 80	30	100	CP-QPSK	H	Edge_1RB_Right	1000	3000	-57.17	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	H	Edge_1RB_Right	3000	6000	-50.24	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	H	Edge_1RB_Right	6000	26000	-30.33	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	H	Edge_1RB_Right	26000	40000	-33.61	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	H	Outer_Full	0.009	0.15	-58.60	-43	PASS
N77-3 700-39 80	30	100	CP-QPSK	H	Outer_Full	0.15	30	-73.59	-33	PASS
N77-3 700-39 80	30	100	CP-QPSK	H	Outer_Full	30	1000	-70.64	-23	PASS
N77-3 700-39 80	30	100	CP-QPSK	H	Outer_Full	1000	3000	-56.80	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	H	Outer_Full	3000	6000	-49.92	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	H	Outer_Full	6000	26000	-30.16	-13	PASS
N77-3 700-39 80	30	100	CP-QPSK	H	Outer_Full	26000	40000	-33.55	-13	PASS

Test Graphs

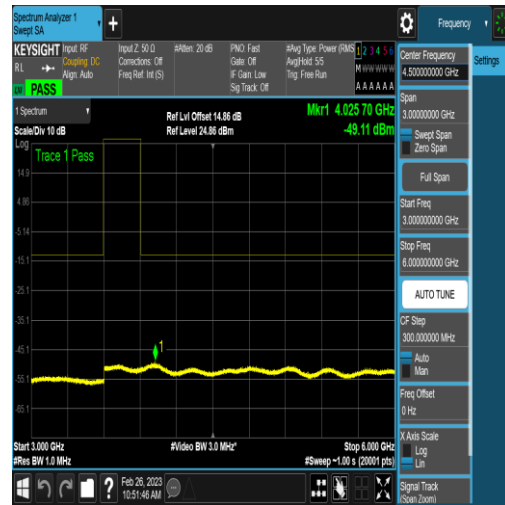




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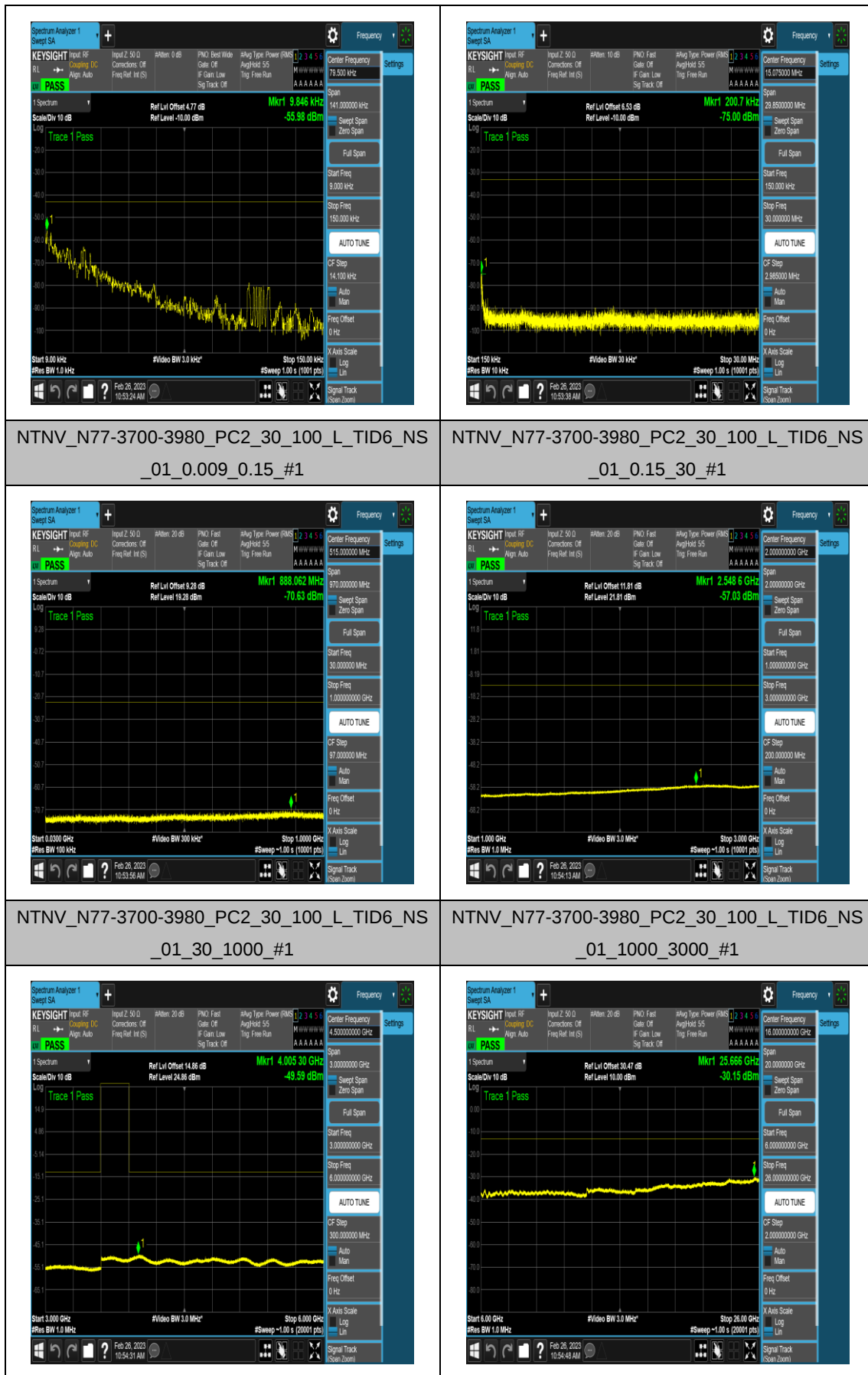


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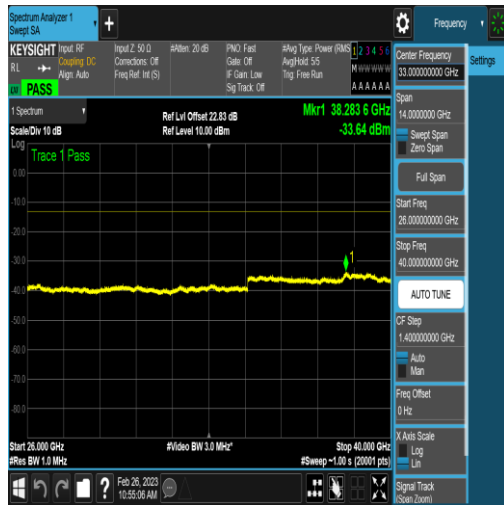


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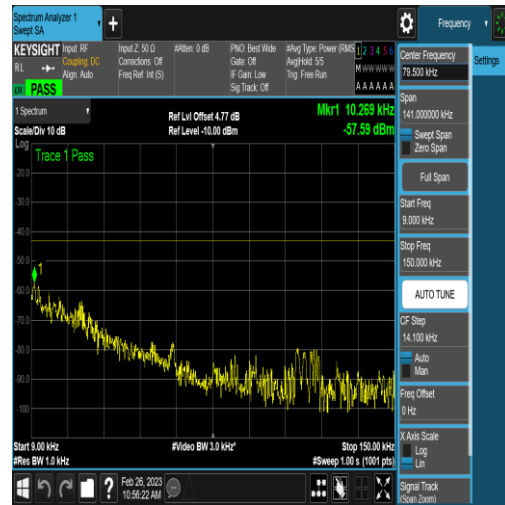
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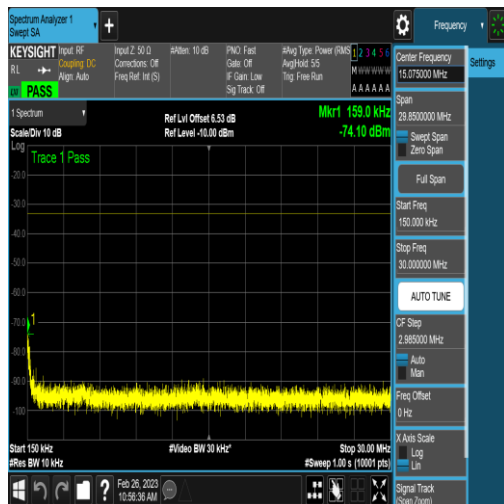
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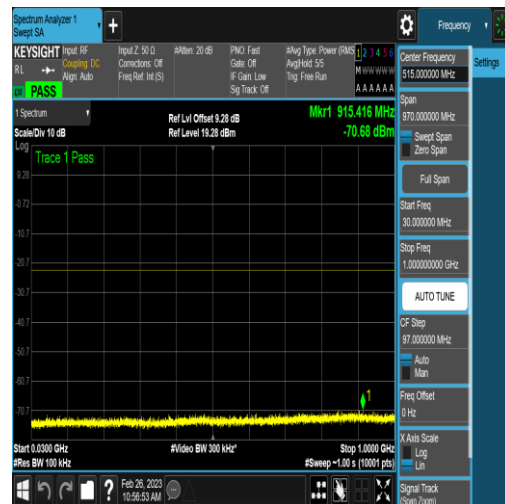
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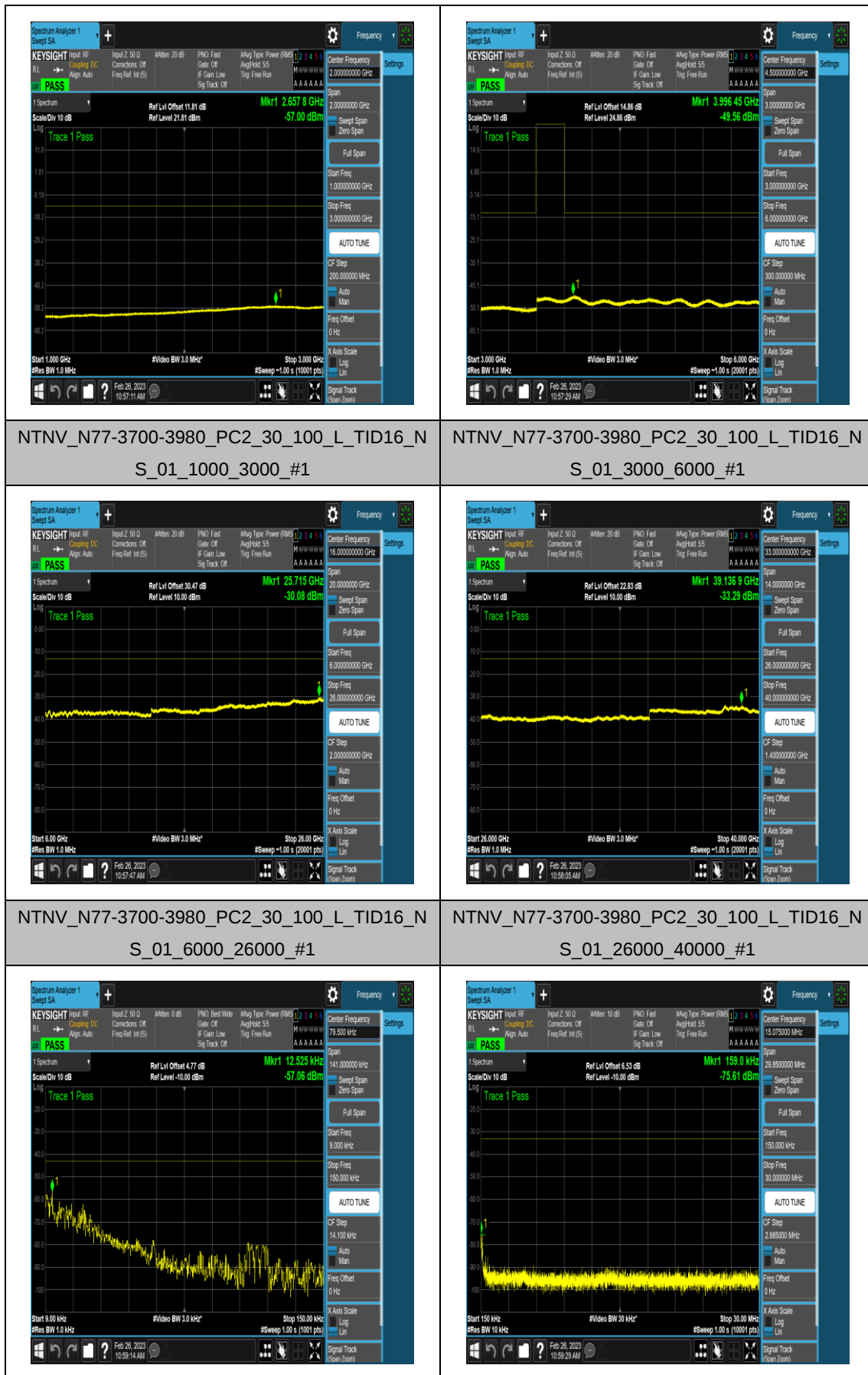


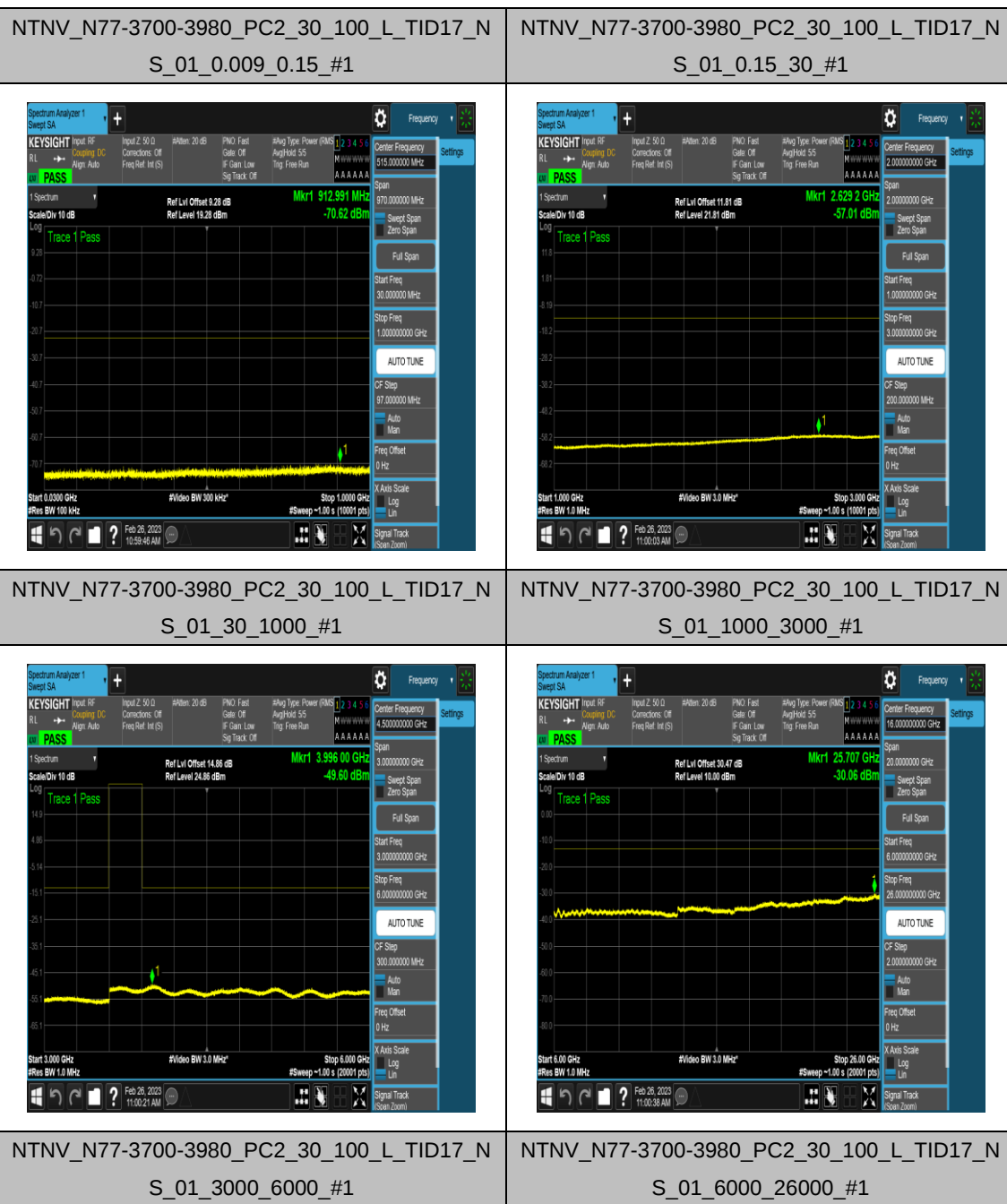
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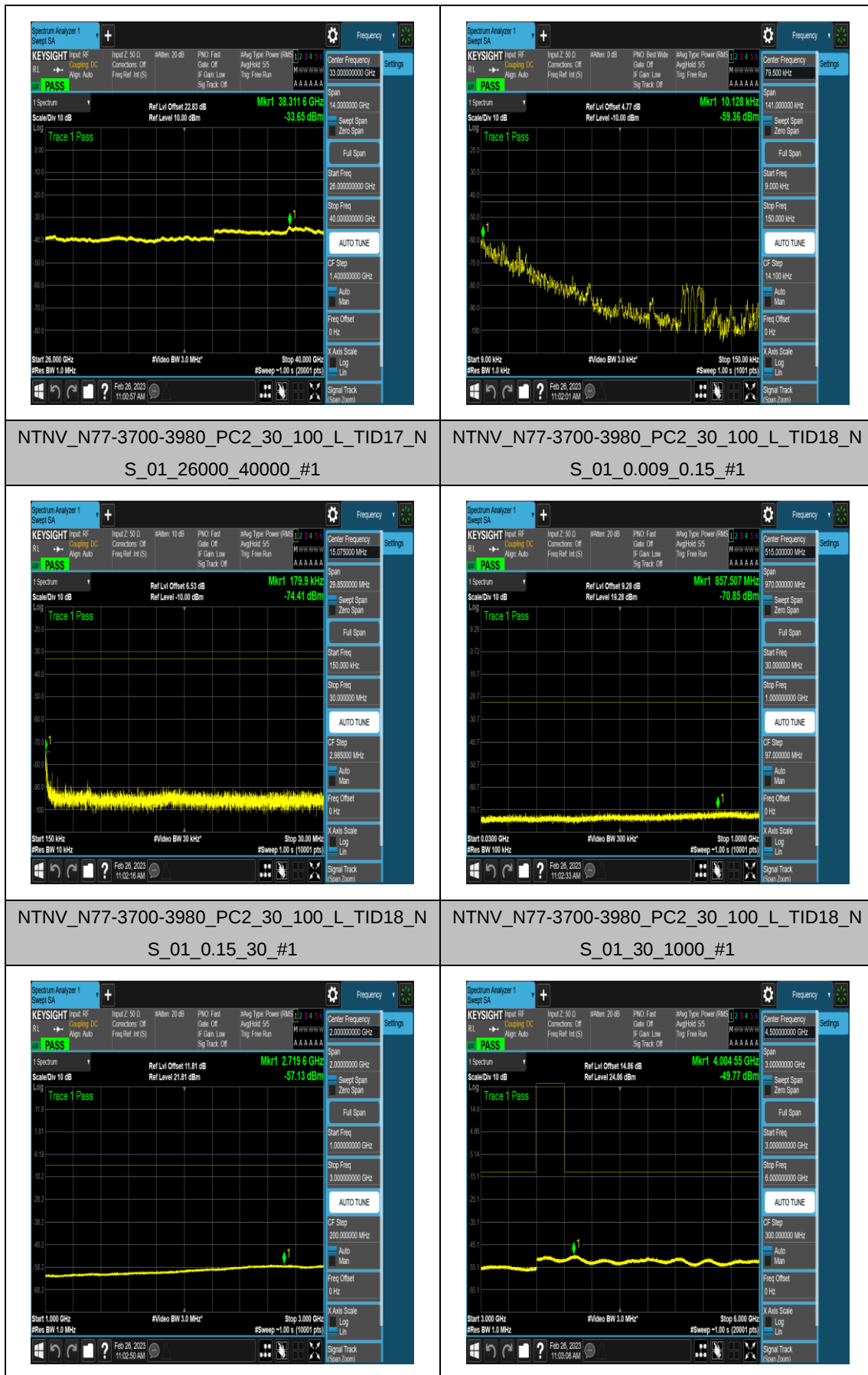


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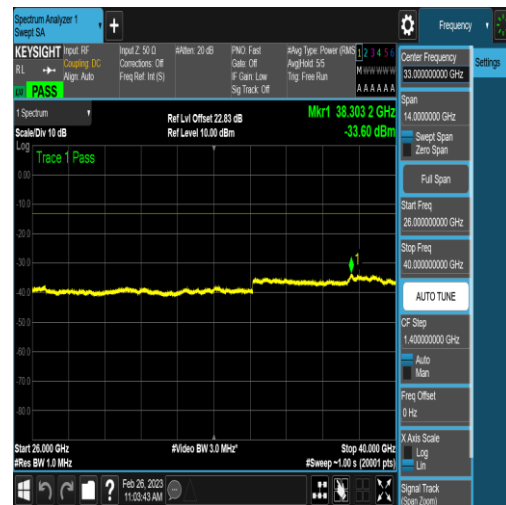




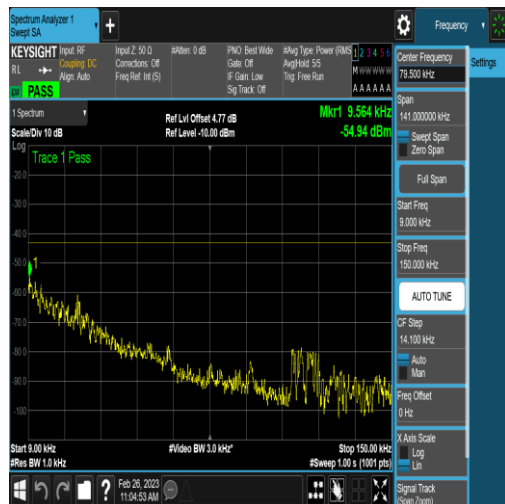
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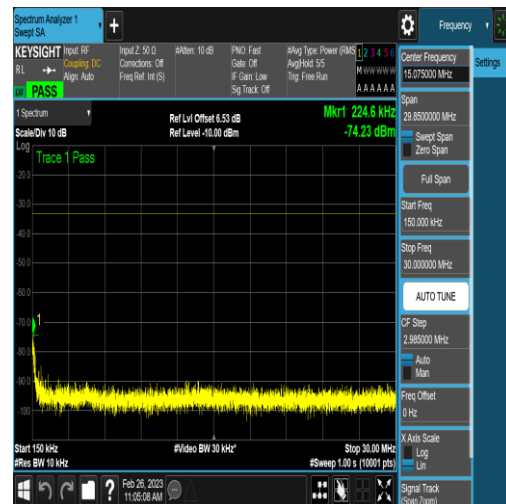
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S_01_6000_26000_#1



NTNV_N77-3700-3980_PC2_30_100_L_TID18_N
S_01_26000_40000_#1



NTNV_N77-3700-3980_PC2_30_100_M_TID4_N
S_01_0.009_0.15_#1

NTNV_N77-3700-3980_PC2_30_100_M_TID4_N
S_01_0.15_30_#1

