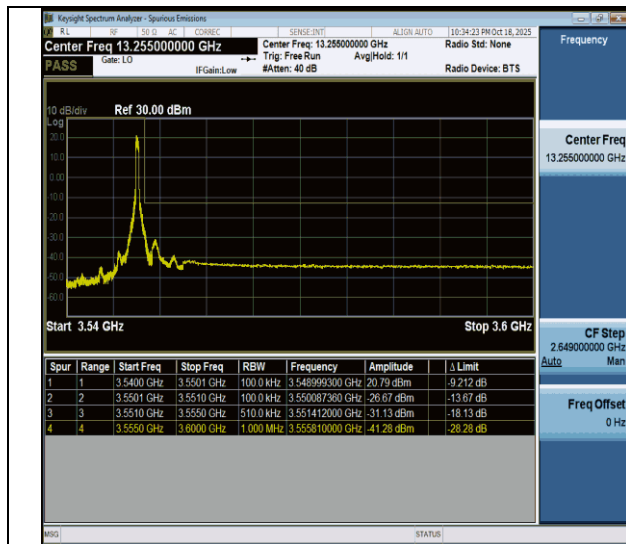
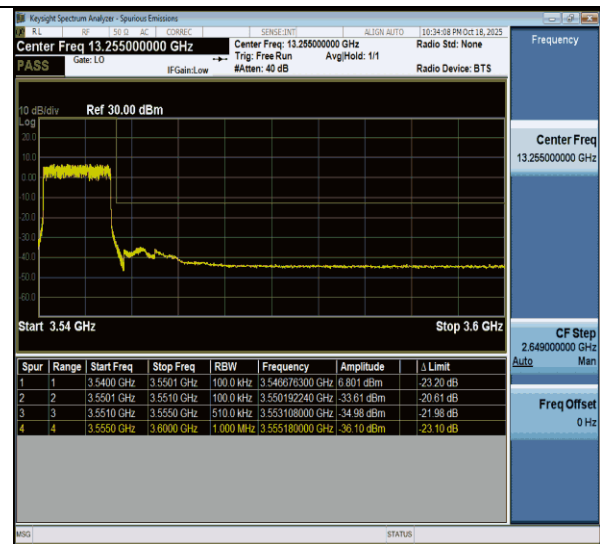
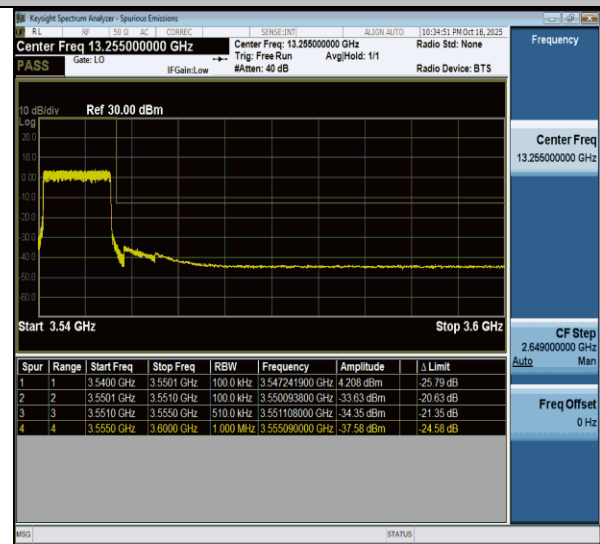
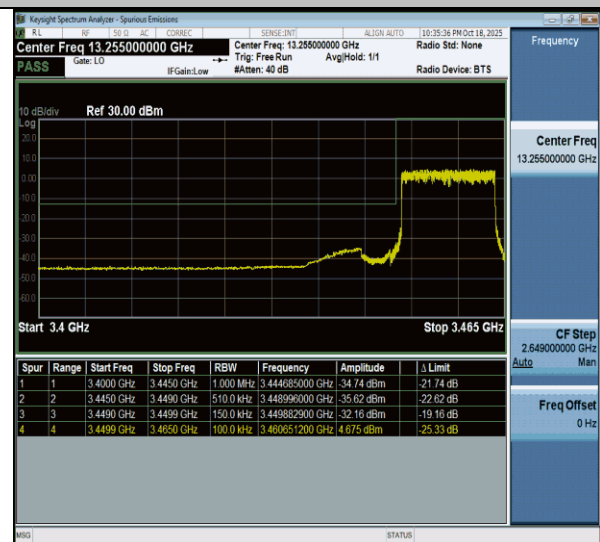
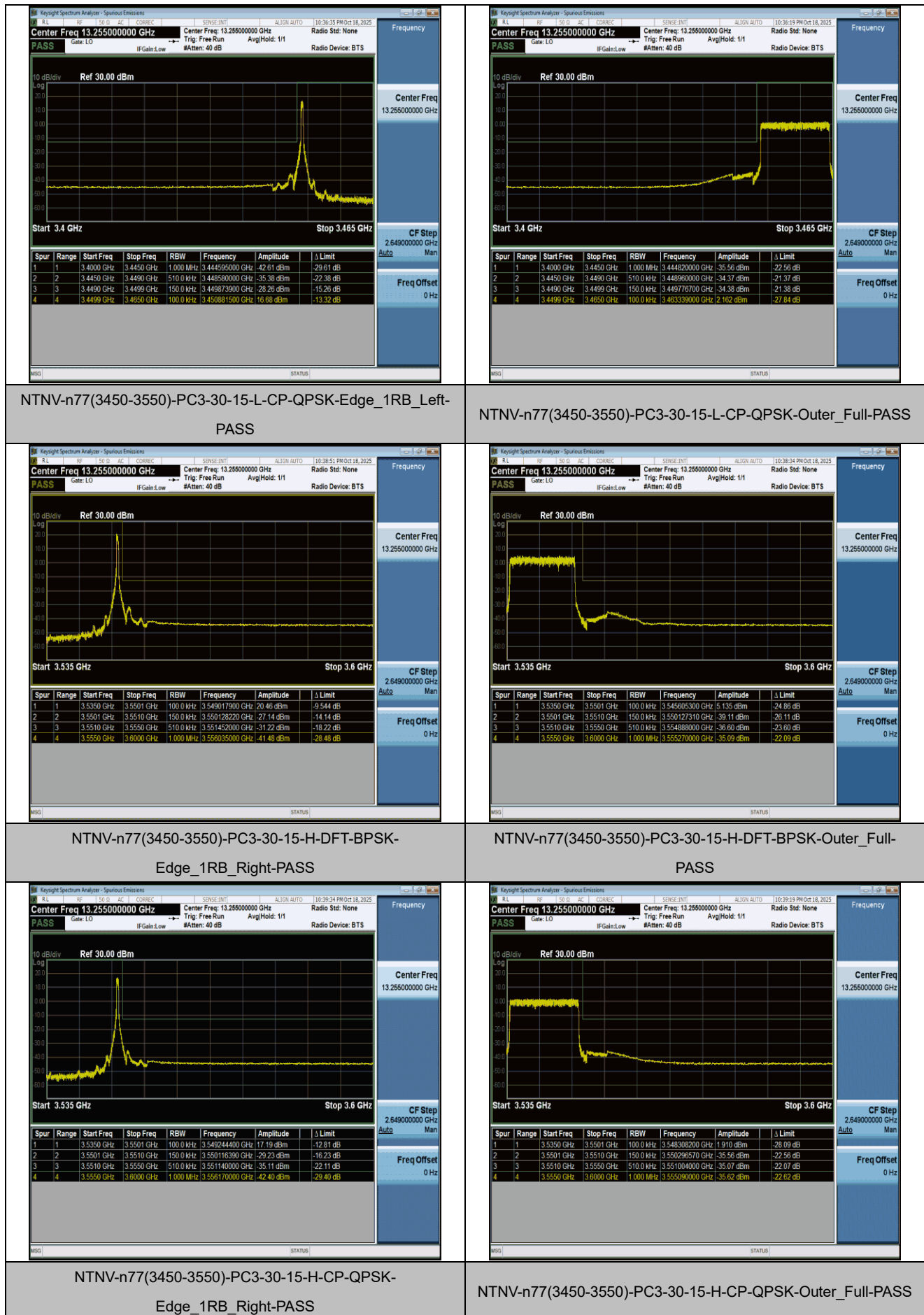


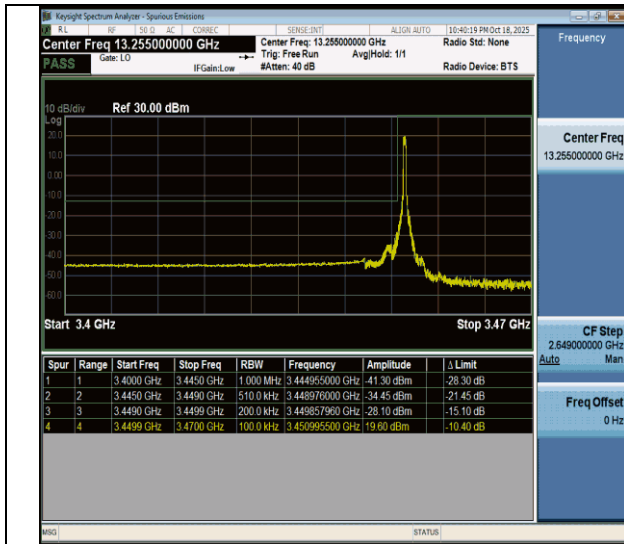
NTNV-n77(3450-3550)-PC3-30-10-H-DFT-BPSK-
Edge_1RB_Right-PASSNTNV-n77(3450-3550)-PC3-30-10-H-DFT-BPSK-Outer_Full-
PASSNTNV-n77(3450-3550)-PC3-30-10-H-CP-QPSK-
Edge_1RB_Right-PASS

NTNV-n77(3450-3550)-PC3-30-10-H-CP-QPSK-Outer_Full-PASS

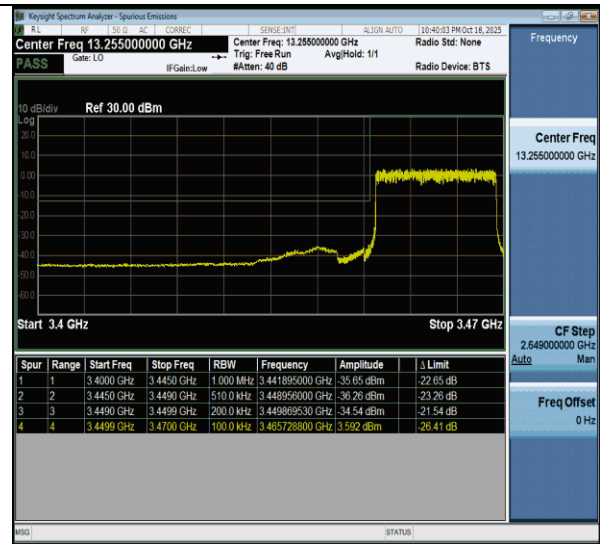
NTNV-n77(3450-3550)-PC3-30-15-L-DFT-BPSK-Edge_1RB_Left-
PASS

NTNV-n77(3450-3550)-PC3-30-15-L-DFT-BPSK-Outer_Full-PASS

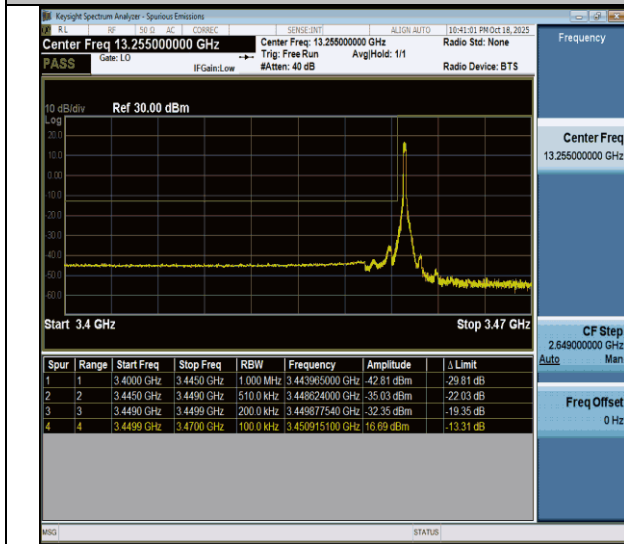




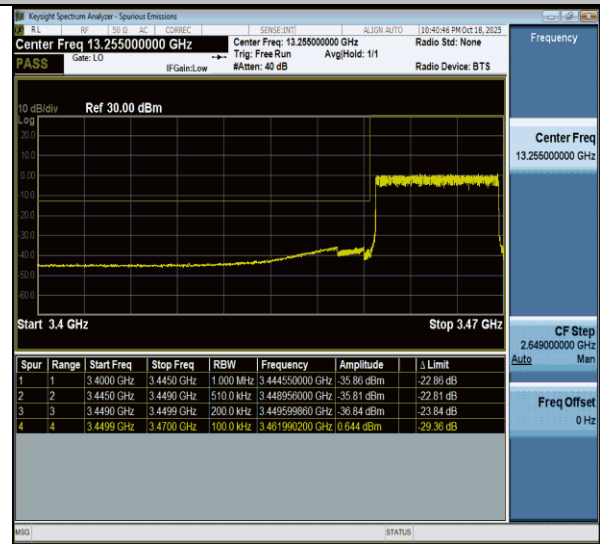
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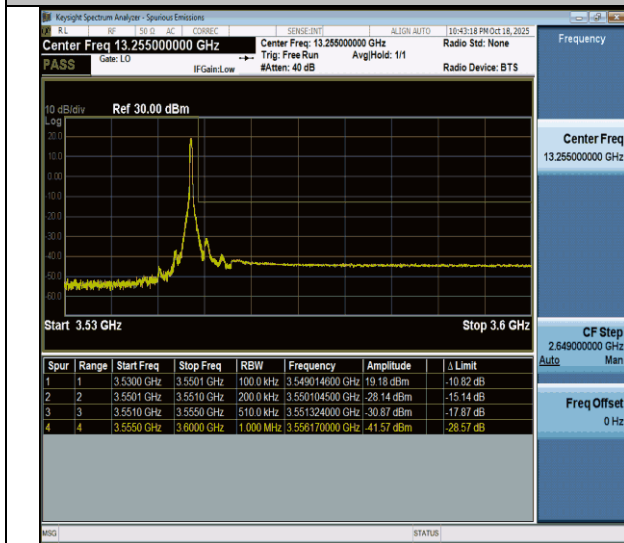
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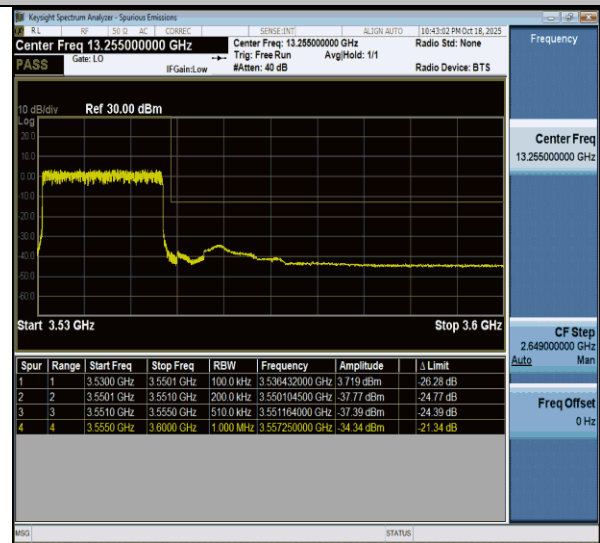
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NTNV-n77(3450-3550)-PC3-30-20-L-CP-QPSK-Outer_Full-PASS



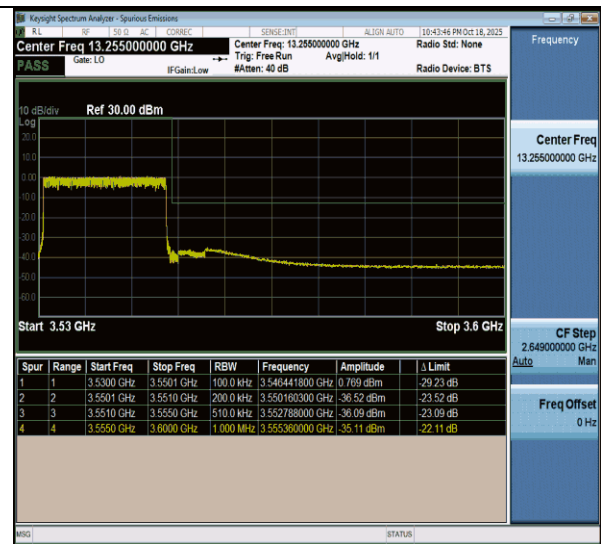
NTNV-n77(3450-3550)-PC3-30-20-H-DFT-BPSK-Edge_1RB_Right-PASS



NTNV-n77(3450-3550)-PC3-30-20-H-DFT-BPSK-Outer_Full-PASS



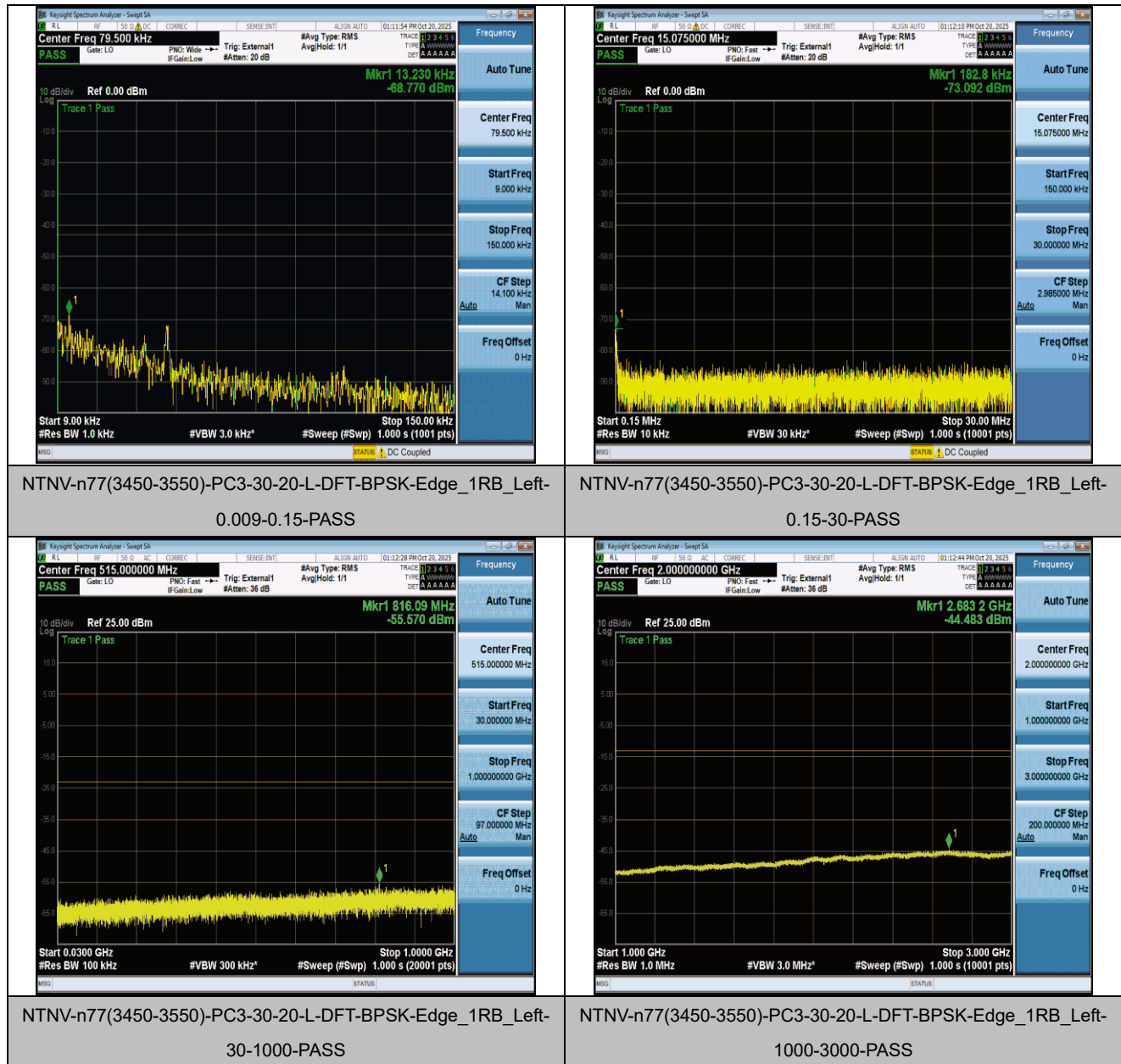
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Edge_1RB_Right-PASS

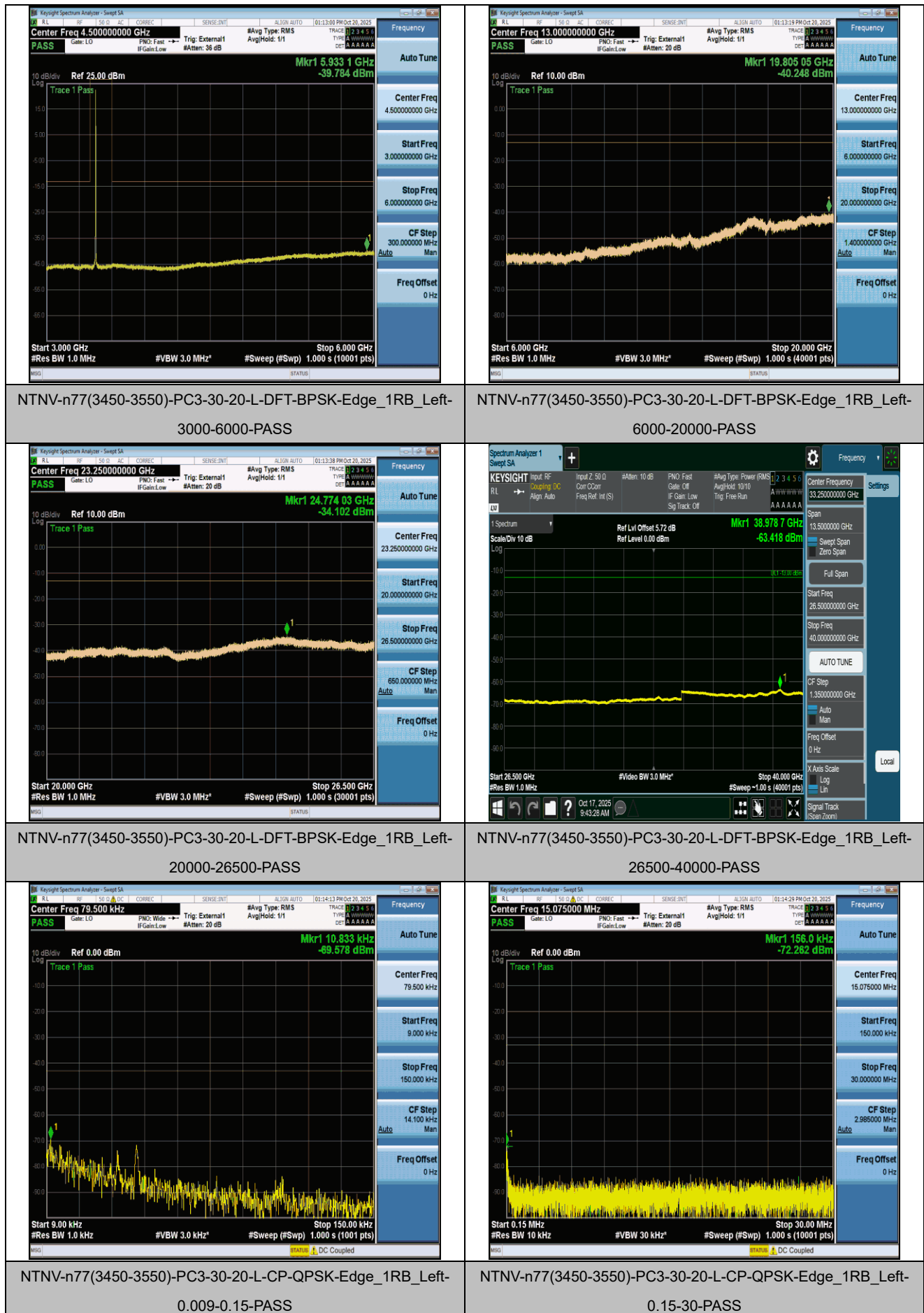


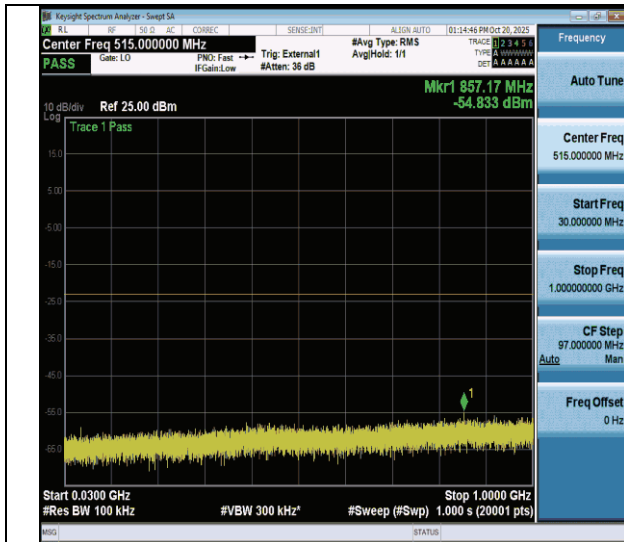
NTNV-n77(3450-3550)-PC3-30-20-H-CP-QPSK-Outter_Full-PASS

Conducted Spurious Emission for SA

Test Graphs



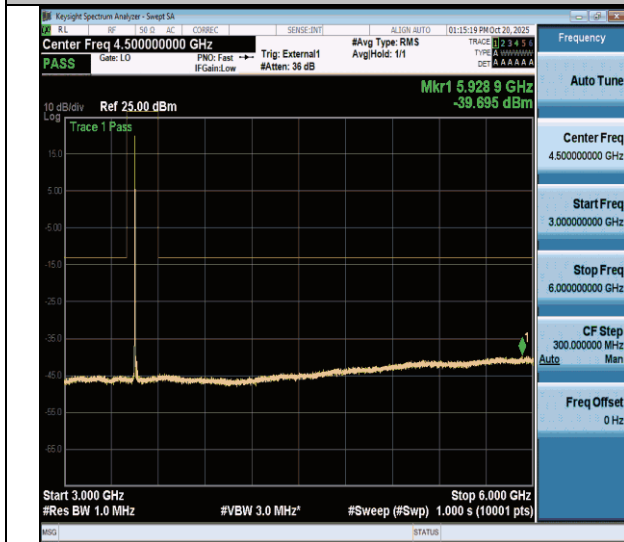




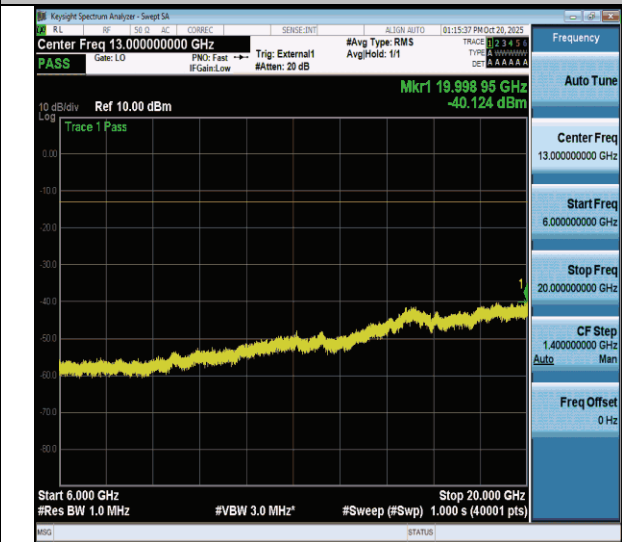
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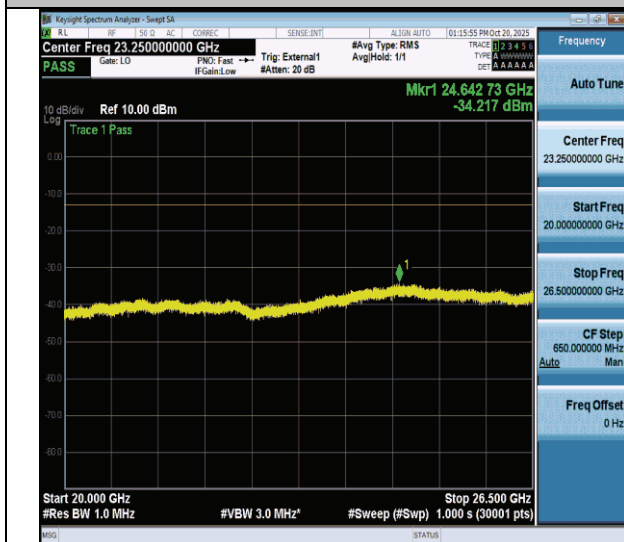
NTNV-n77(3450-3550)-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-1000-3000-PASS



NTNV-n77(3450-3550)-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-3000-6000-PASS



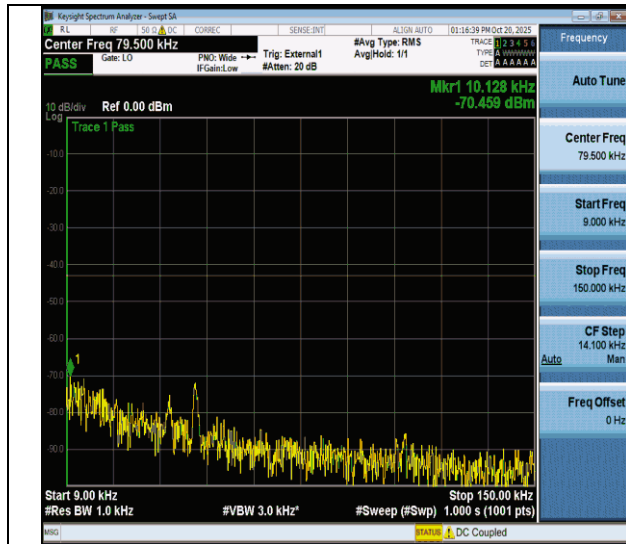
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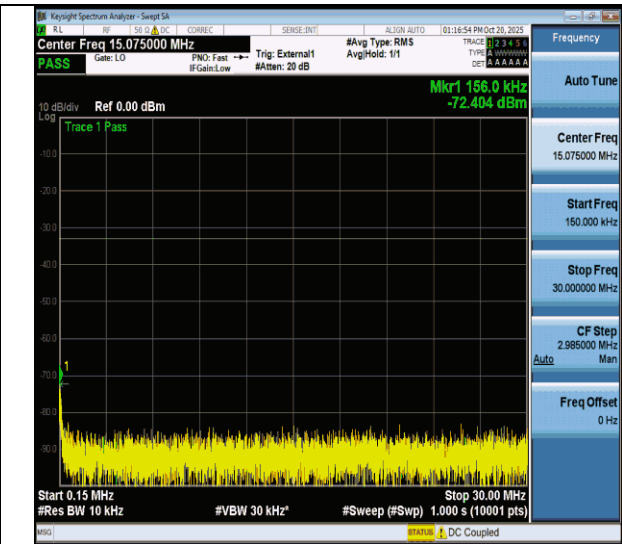
NTNV-n77(3450-3550)-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-20000-26500-PASS



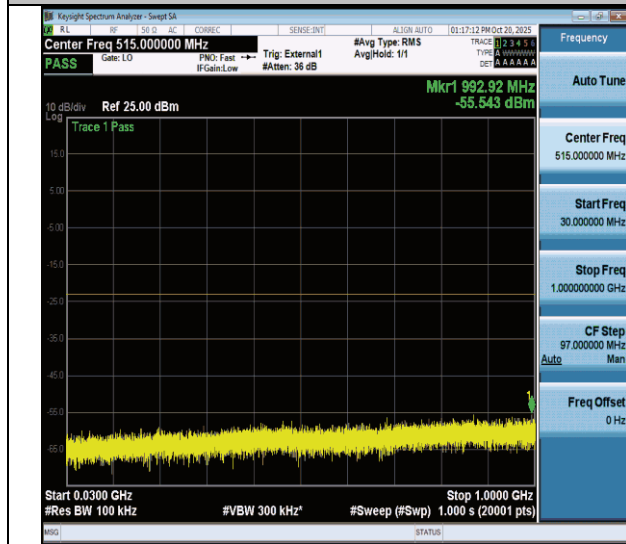
NTNV-n77(3450-3550)-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-26500-40000-PASS



NTNV-n77(3450-3550)-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-
0.009-0.15-PASS



NTNV-n77(3450-3550)-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-
0.15-30-PASS



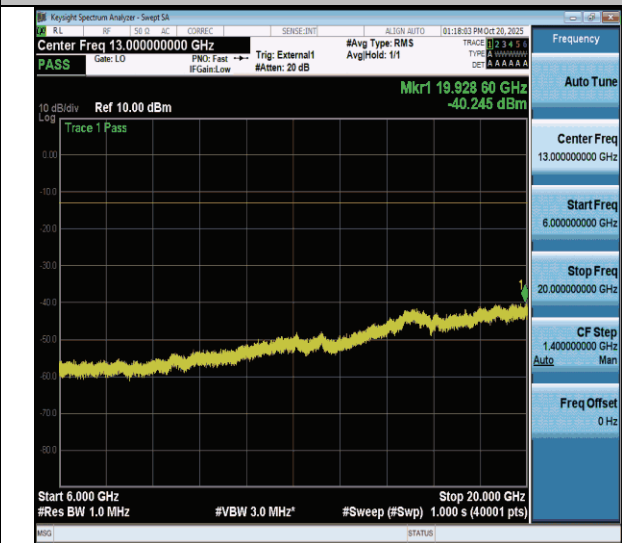
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30-1000-PASS



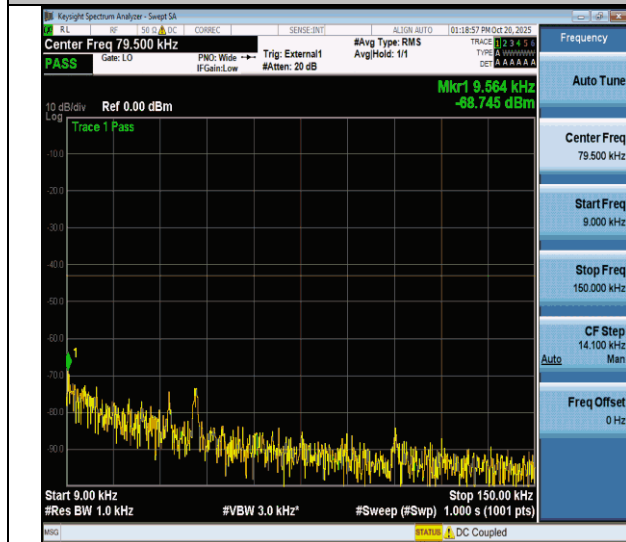
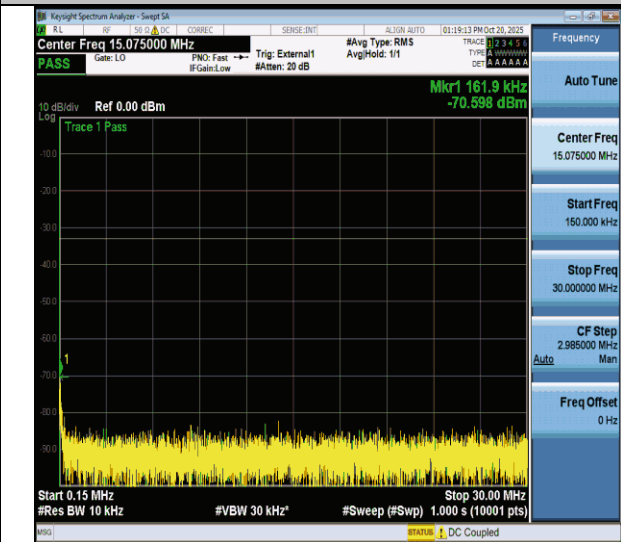
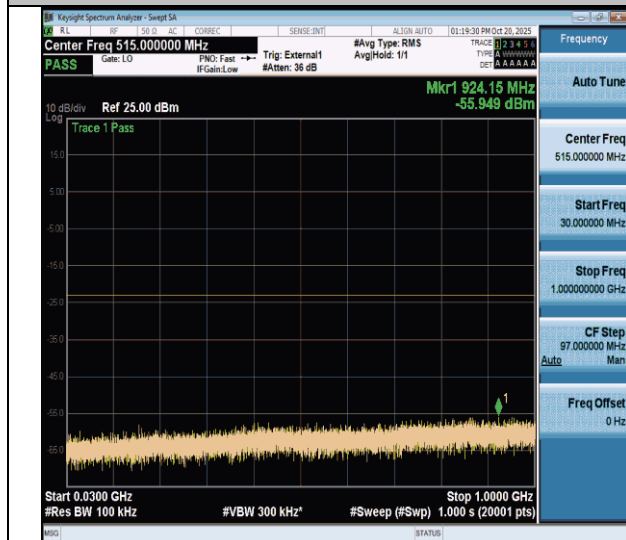
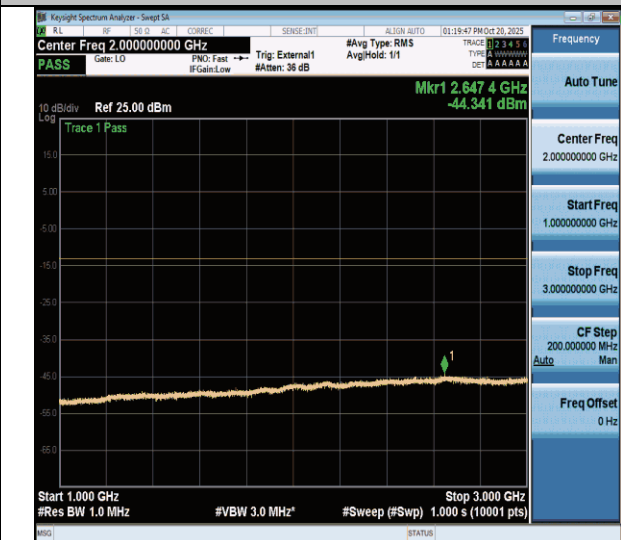
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1000-3000-PASS

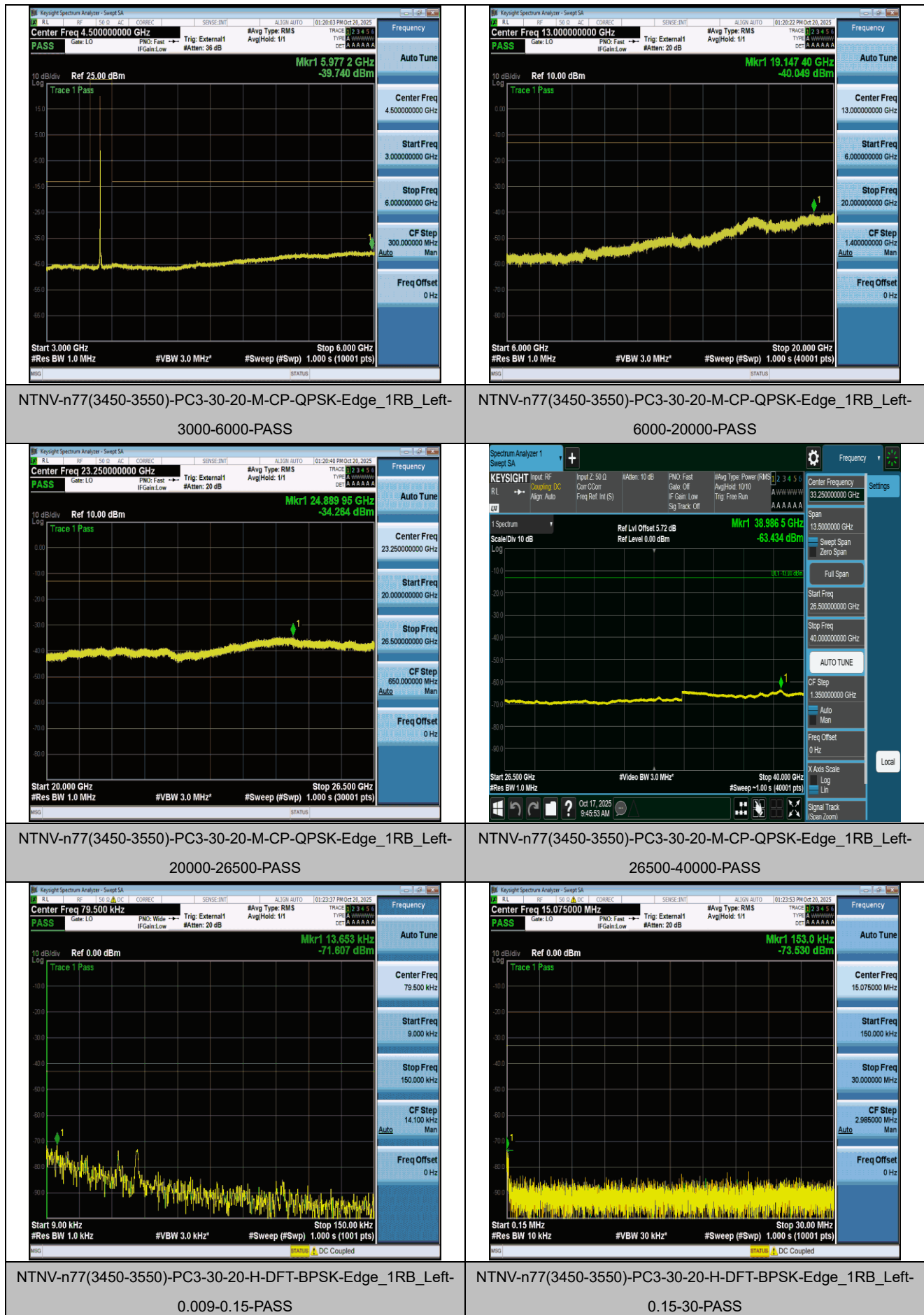


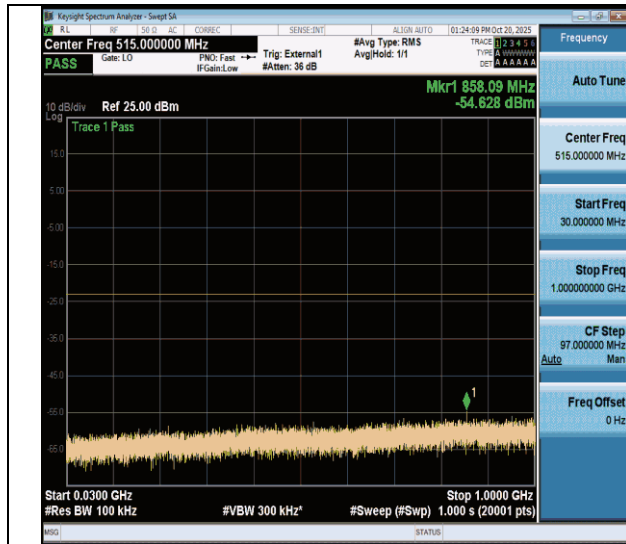
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3000-6000-PASS



NTNV-n77(3450-3550)-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-
6000-20000-PASS

NTNV-n77(3450-3550)-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-
20000-26500-PASSNTNV-n77(3450-3550)-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-
26500-40000-PASSNTNV-n77(3450-3550)-PC3-30-20-M-CP-QPSK-Edge_1RB_Left-
0.009-0.15-PASSNTNV-n77(3450-3550)-PC3-30-20-M-CP-QPSK-Edge_1RB_Left-
0.15-30-PASSNTNV-n77(3450-3550)-PC3-30-20-M-CP-QPSK-Edge_1RB_Left-
30-1000-PASSNTNV-n77(3450-3550)-PC3-30-20-M-CP-QPSK-Edge_1RB_Left-
1000-3000-PASS





NTNV-n77(3450-3550)-PC3-30-20-H-DFT-BPSK-Edge_1RB_Left-30-1000-PASS



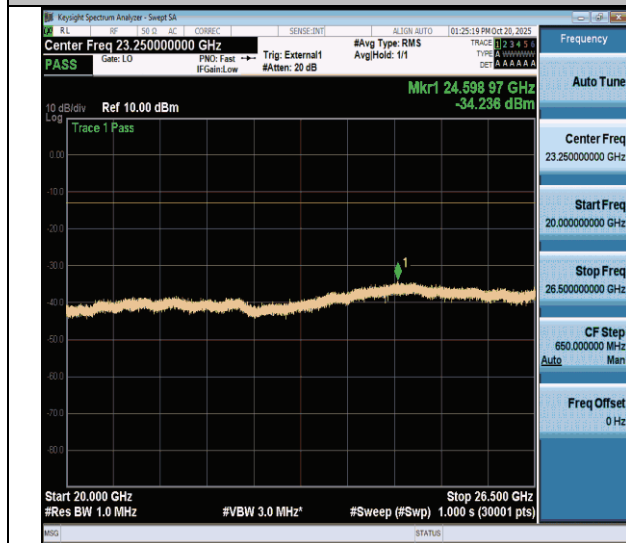
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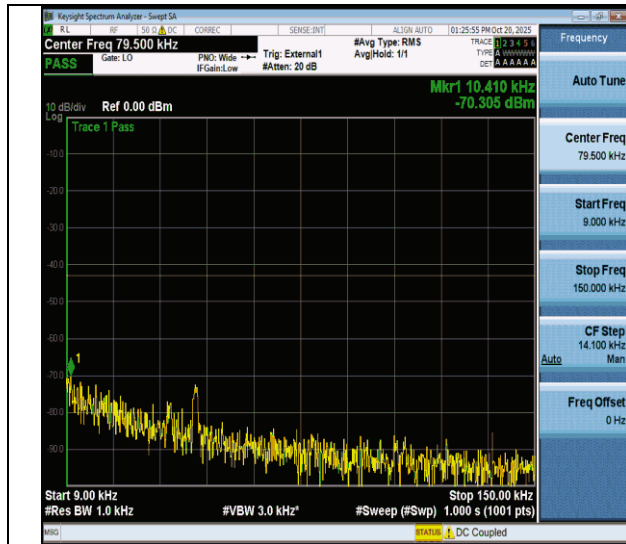
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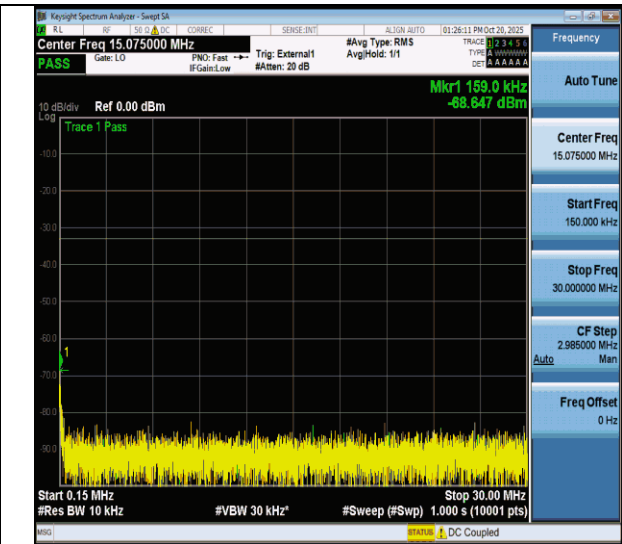
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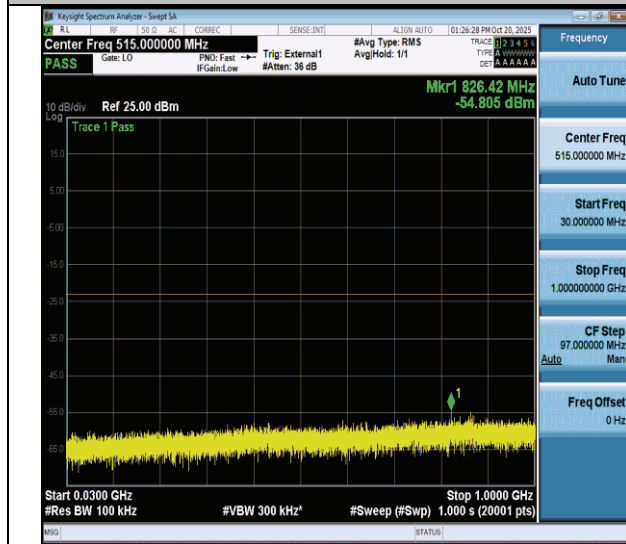
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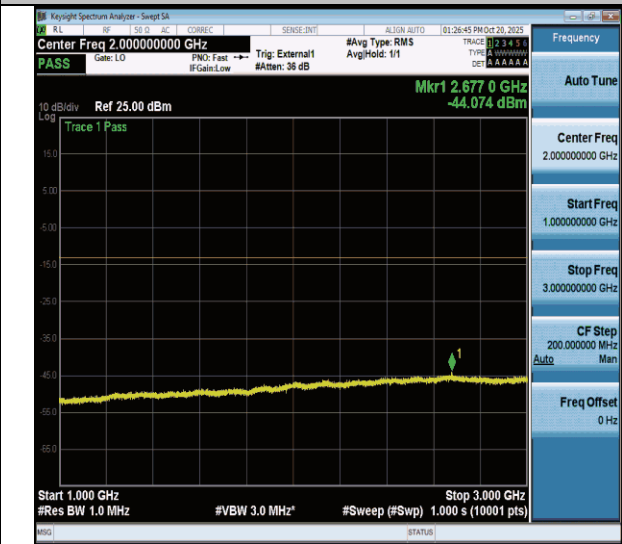
NTNV-n77(3450-3550)-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-
0.009-0.15-PASS



NTNV-n77(3450-3550)-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-
0.15-30-PASS



NTNV-n77(3450-3550)-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-
30-1000-PASS



NTNV-n77(3450-3550)-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-
1000-3000-PASS



NTNV-n77(3450-3550)-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-
3000-6000-PASS



NTNV-n77(3450-3550)-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-
6000-20000-PASS



NTNV-n77(3450-3550)-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-
20000-26500-PASS



NTNV-n77(3450-3550)-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-
26500-40000-PASS

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	6.4	0.001829	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	VN	NT	-4.5	-0.001286	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	VH	NT	-12.2	-0.003486	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	VL	NT	-2.7	-0.000771	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	VN	NT	-8.4	-0.0024	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	VH	NT	-1.9	-0.000543	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	-2.6	-0.000743	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	NV	-20	-10.7	-0.003057	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	NV	-10	-4.6	-0.001314	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	NV	0	1.1	0.000314	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	NV	10	-2.7	-0.000771	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	NV	20	-6.9	-0.001971	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	NV	30	-2.5	-0.000714	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	NV	40	1.5	0.000429	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	NV	50	-1	-0.000286	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	NV	-30	4.7	0.001343	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	NV	-20	-2.3	-0.000657	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	NV	-10	-2.4	-0.000686	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	NV	0	0.1	2.9E-05	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	NV	10	2.4	0.000686	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	NV	20	-5.6	-0.0016	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	NV	30	-5.7	-0.001629	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	NV	40	-3.6	-0.001029	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	NV	50	-8.7	-0.002486	PASS

~The End~