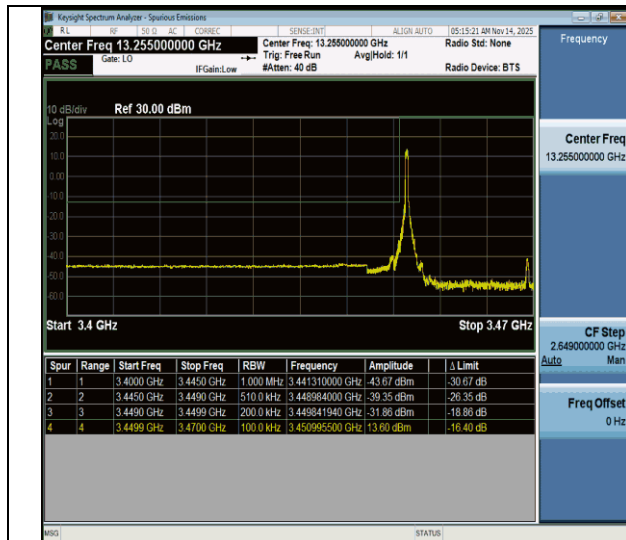
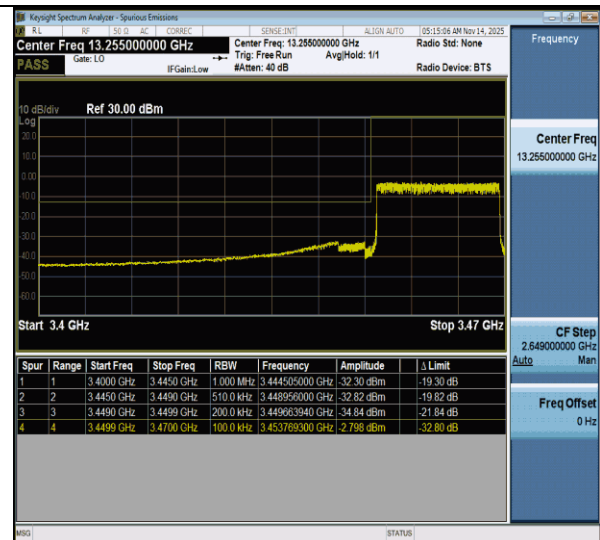
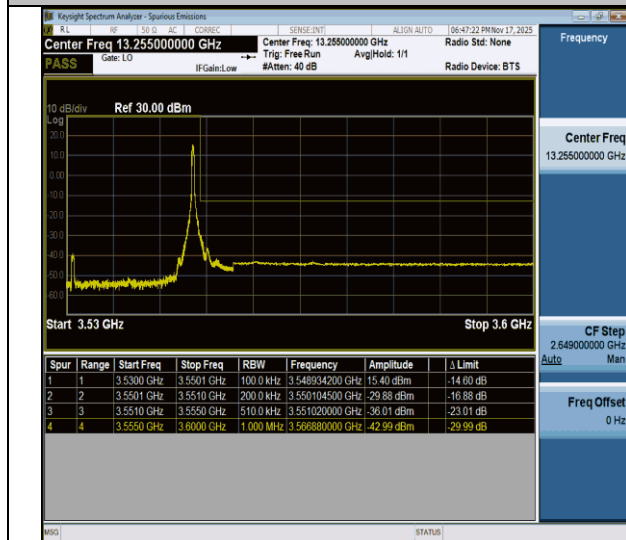




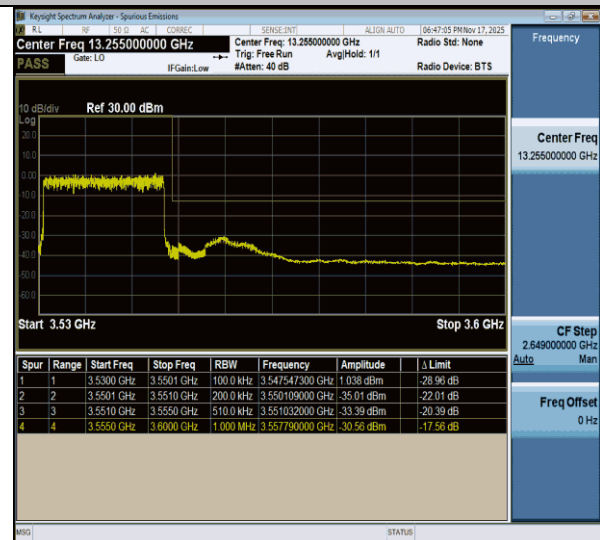
NTNV-n77(3450-3550)-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-PASS



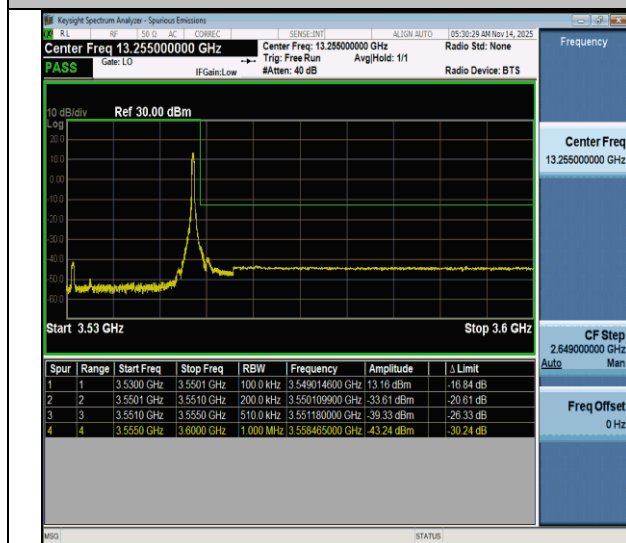
NTNV-n77(3450-3550)-PC3-30-20-L-CP-QPSK-Outer_Full-PASS



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



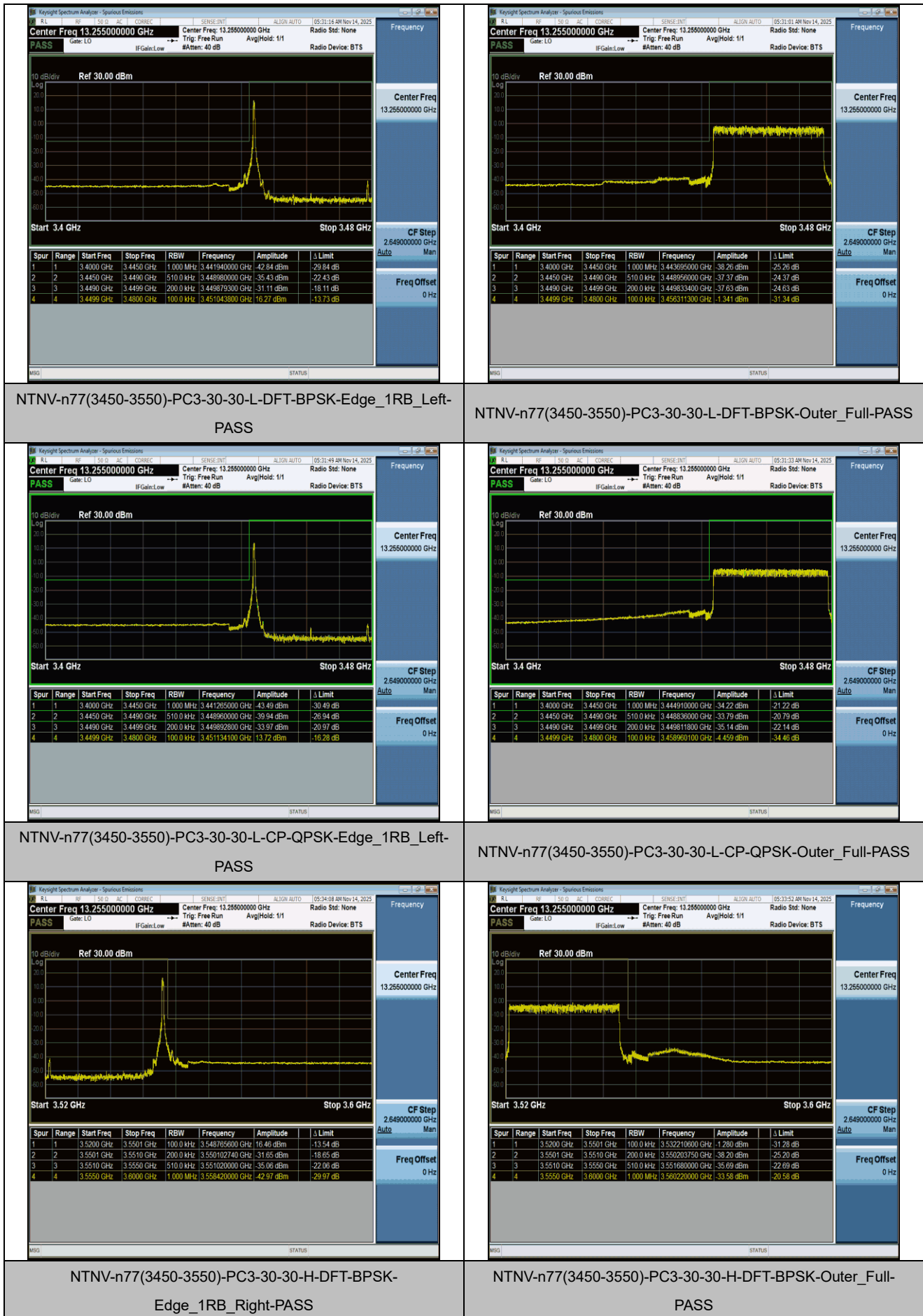
NTNV-n77(3450-3550)-PC3-30-20-H-DFT-BPSK-Outer_Full-PASS

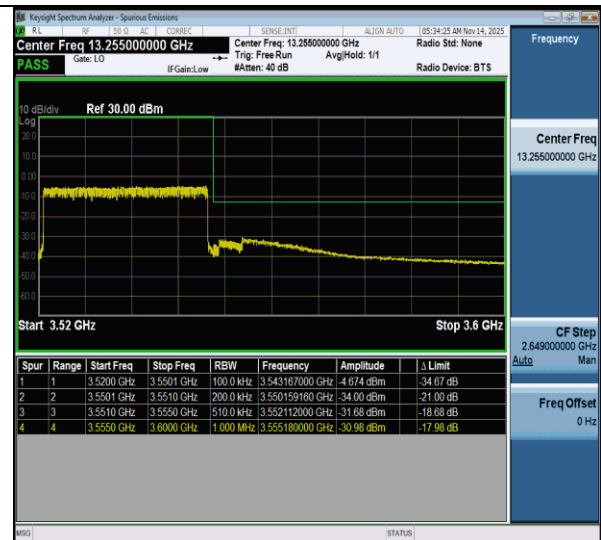
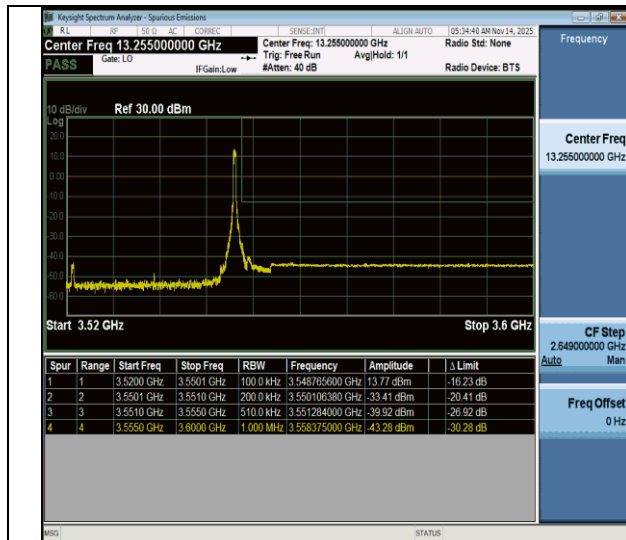


NTNV-n77(3450-3550)-PC3-30-20-H-CP-QPSK-Edge_1RB_Right-PASS

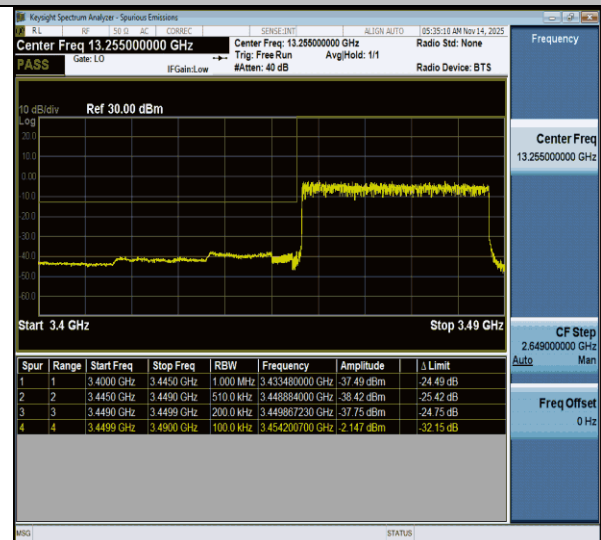
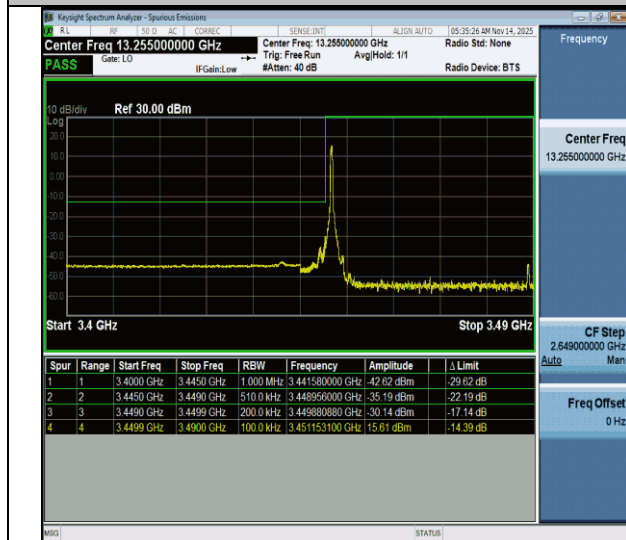


NTNV-n77(3450-3550)-PC3-30-20-H-CP-QPSK-Outer_Full-PASS

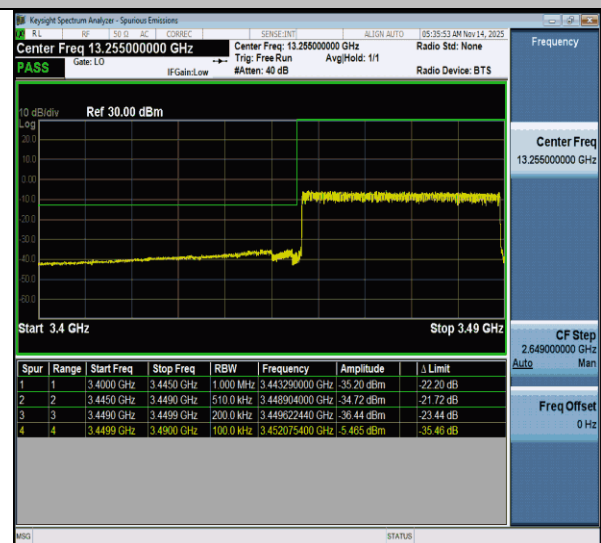
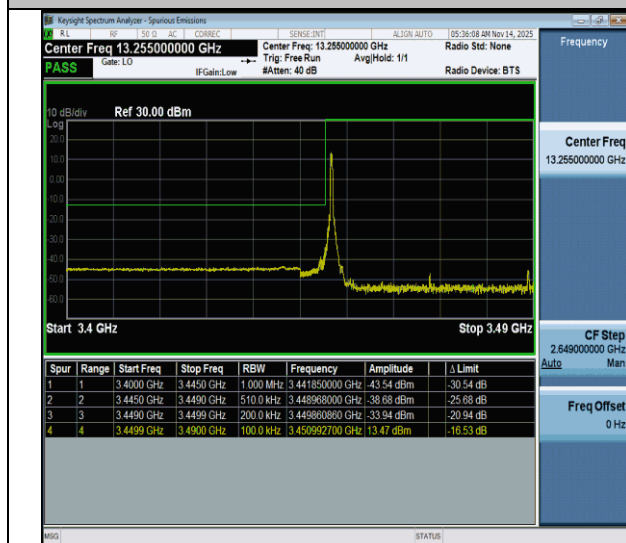


NTNV-n77(3450-3550)-PC3-30-30-H-CP-QPSK-
Edge_1RB_Right-PASS

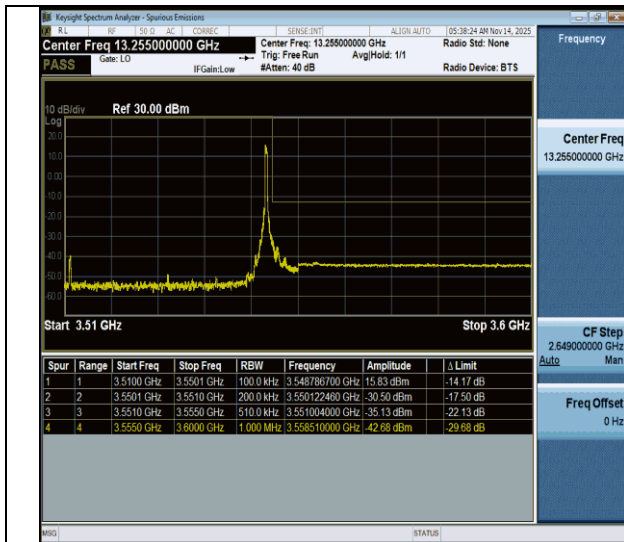
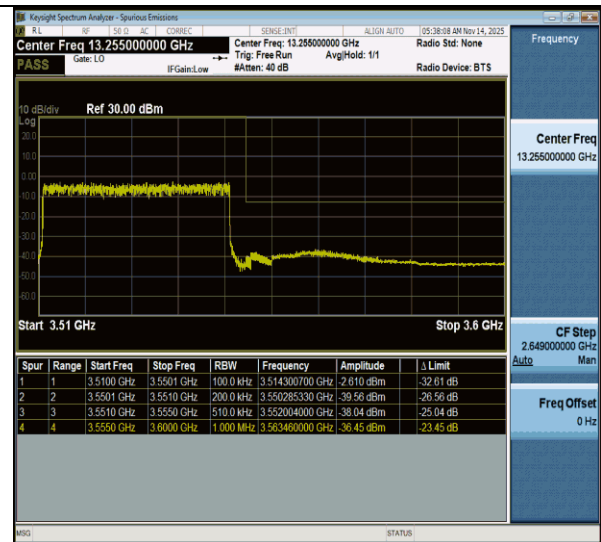
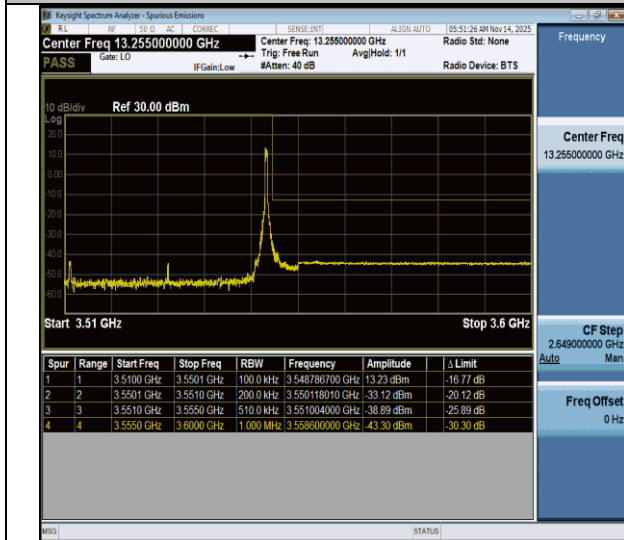
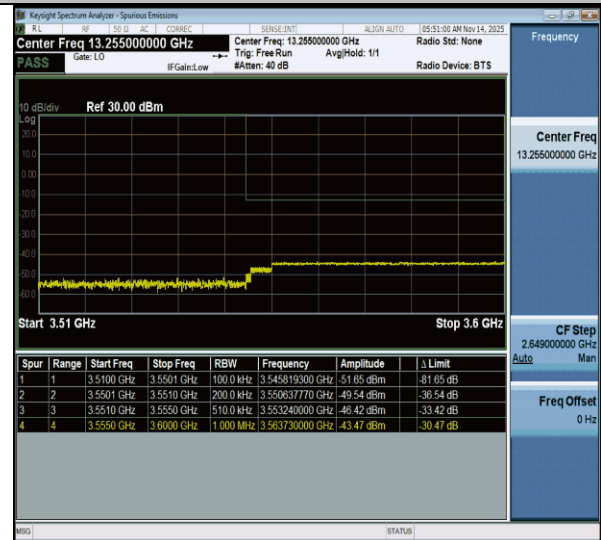
NTNV-n77(3450-3550)-PC3-30-30-H-CP-QPSK-Outer_Full-PASS

NTNV-n77(3450-3550)-PC3-30-40-L-DFT-BPSK-Edge_1RB_Left-
PASS

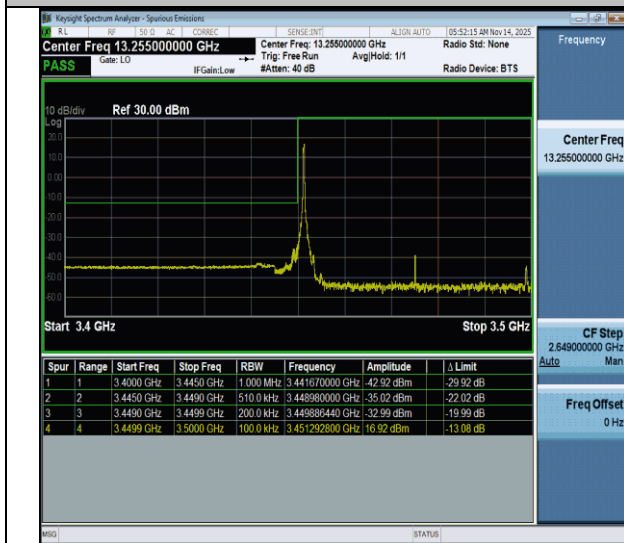
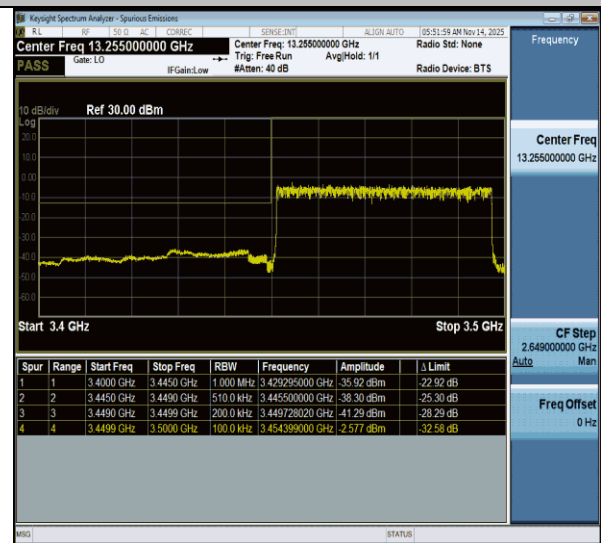
NTNV-n77(3450-3550)-PC3-30-40-L-DFT-BPSK-Outer_Full-PASS

NTNV-n77(3450-3550)-PC3-30-40-L-CP-QPSK-Edge_1RB_Left-
PASS

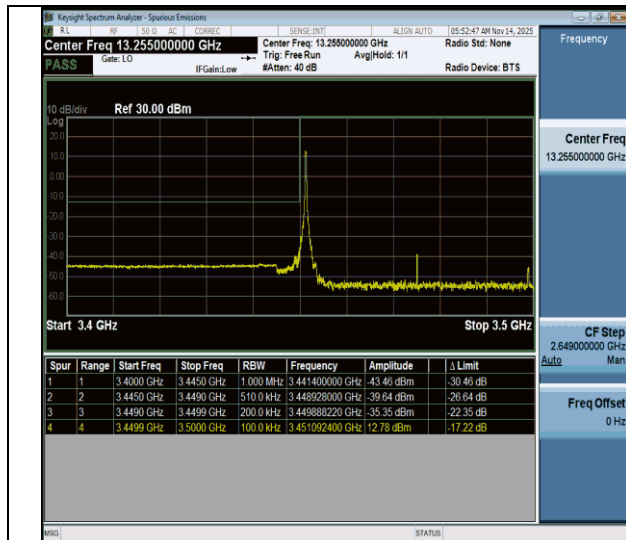
NTNV-n77(3450-3550)-PC3-30-40-L-CP-QPSK-Outer_Full-PASS

NTNV-n77(3450-3550)-PC3-30-40-H-DFT-BPSK-
Edge_1RB_Right-PASSNTNV-n77(3450-3550)-PC3-30-40-H-DFT-BPSK-Outer_Full-
PASSNTNV-n77(3450-3550)-PC3-30-40-H-CP-QPSK-
Edge_1RB_Right-PASS

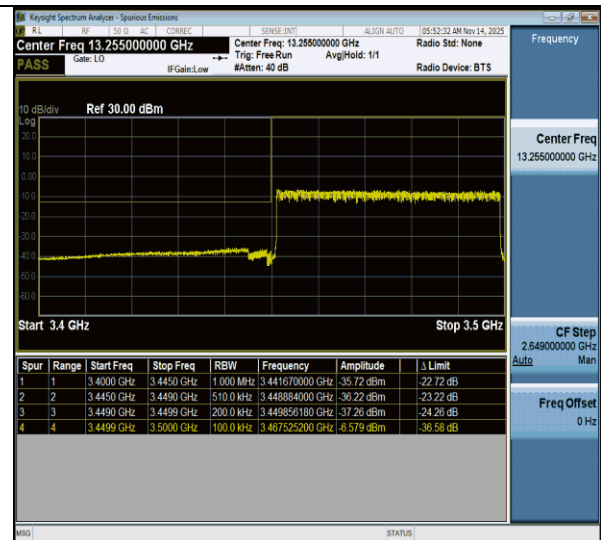
NTNV-n77(3450-3550)-PC3-30-40-H-CP-QPSK-Outer_Full-PASS

NTNV-n77(3450-3550)-PC3-30-50-L-DFT-BPSK-Edge_1RB_Left-
PASS

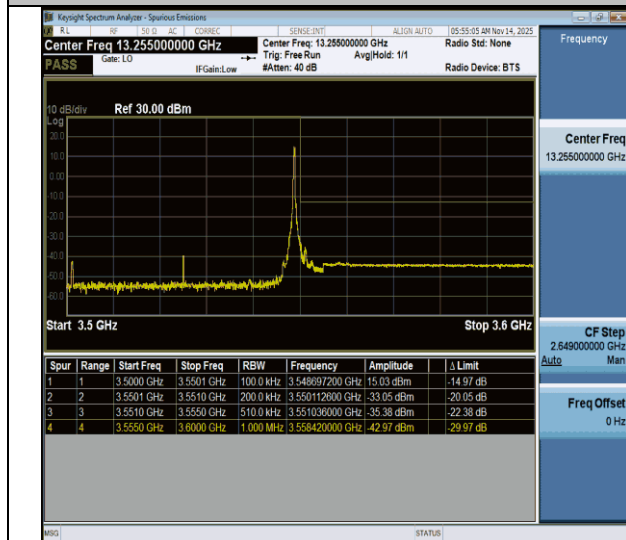
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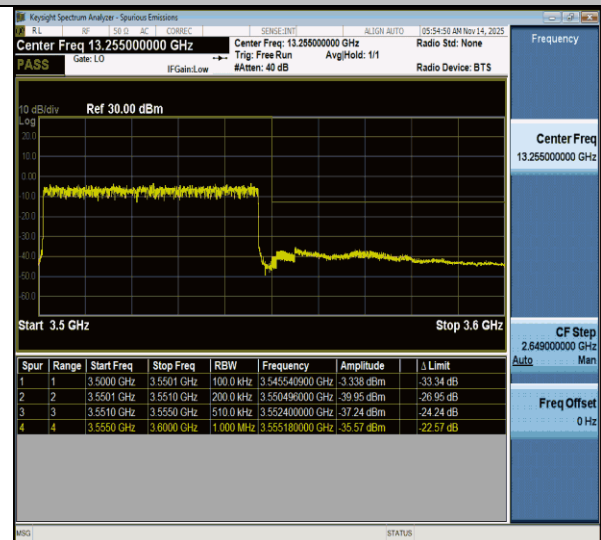
NTNV-n77(3450-3550)-PC3-30-50-L-CP-QPSK-Edge_1RB_Left-PASS



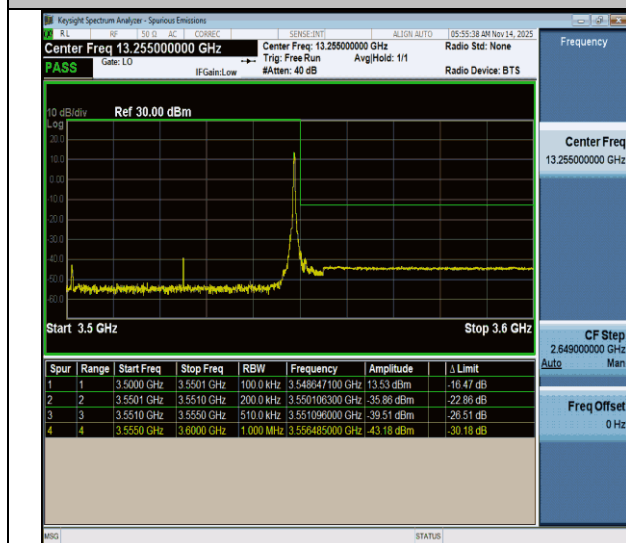
NTNV-n77(3450-3550)-PC3-30-50-L-CP-QPSK-Outer_Full-PASS



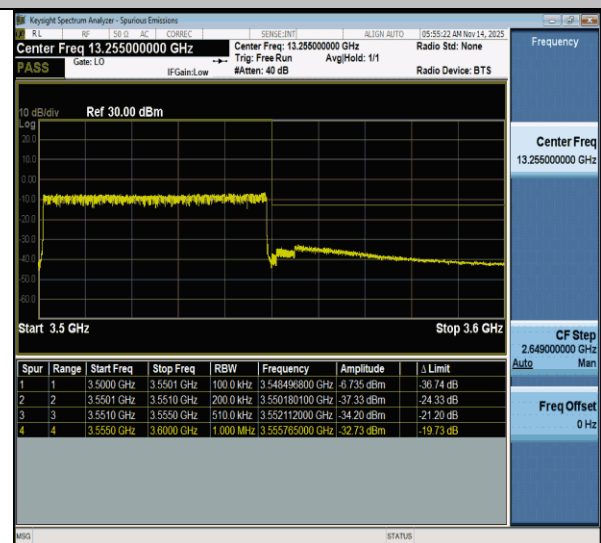
NTNV-n77(3450-3550)-PC3-30-50-H-DFT-BPSK-Edge_1RB_Right-PASS



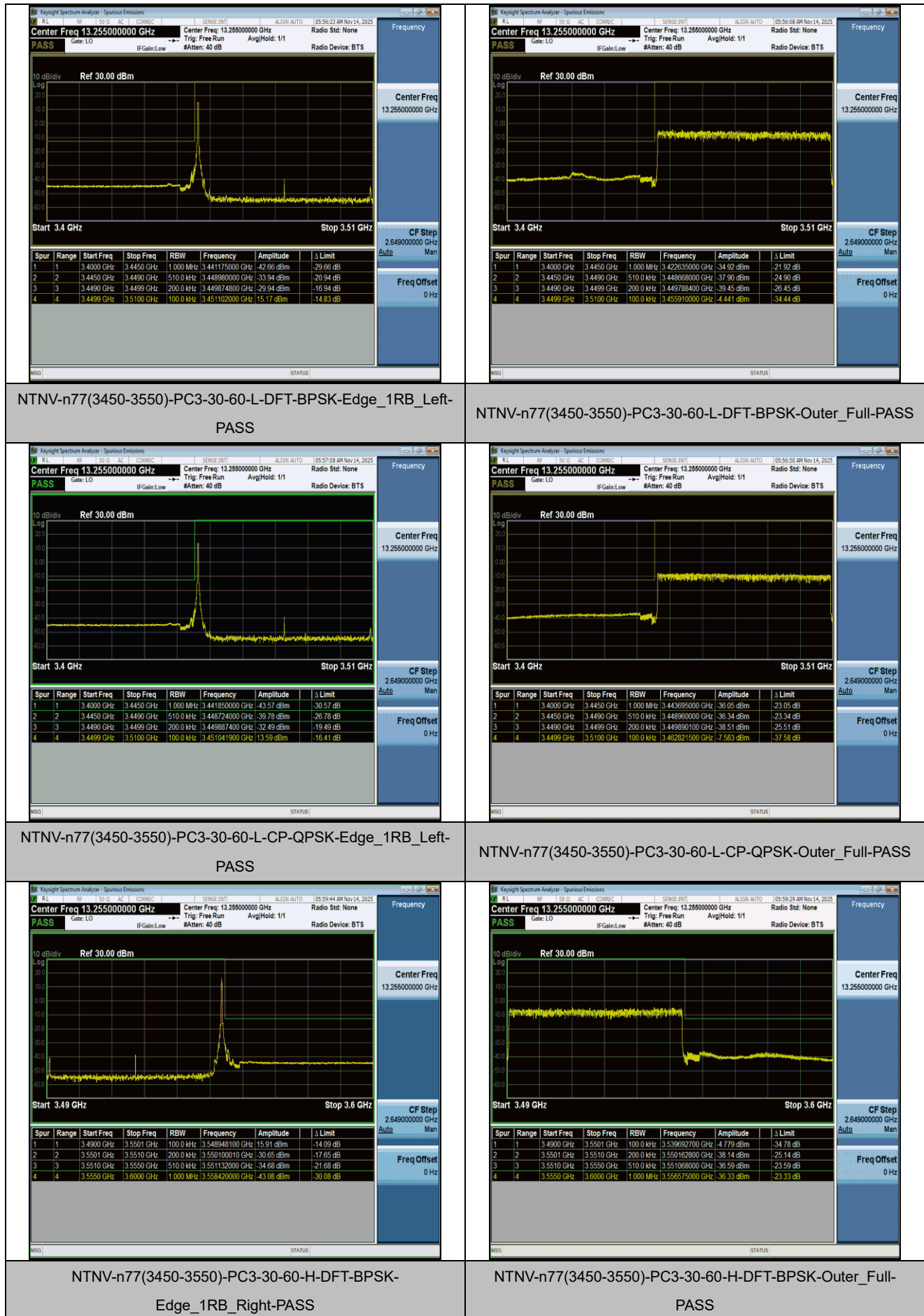
NTNV-n77(3450-3550)-PC3-30-50-H-DFT-BPSK-Outer_Full-PASS

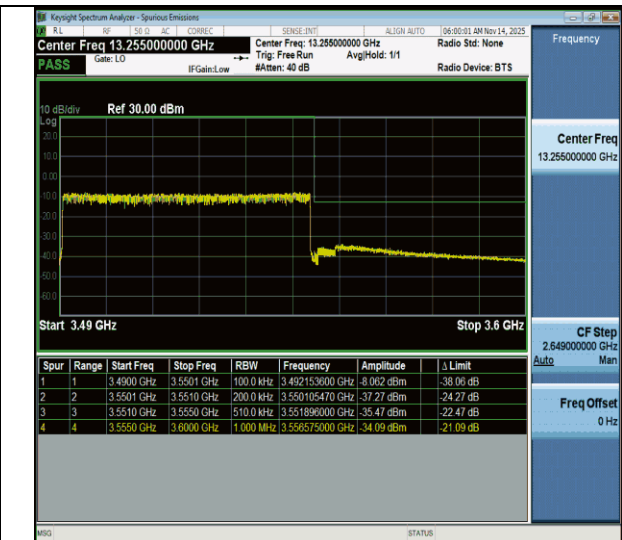
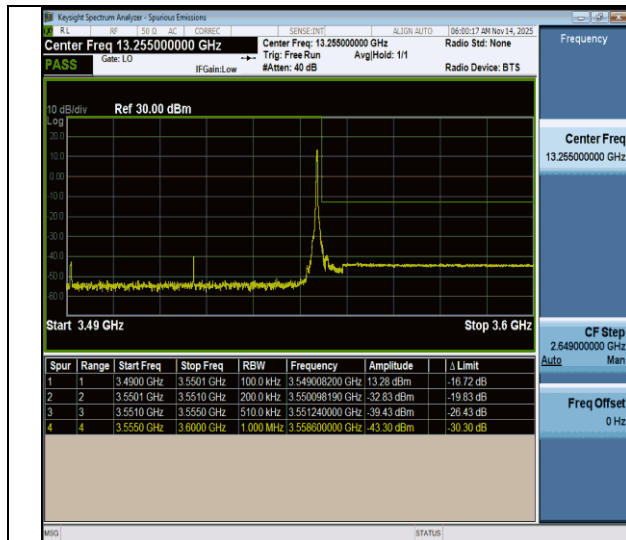


NTNV-n77(3450-3550)-PC3-30-50-H-CP-QPSK-Edge_1RB_Right-PASS



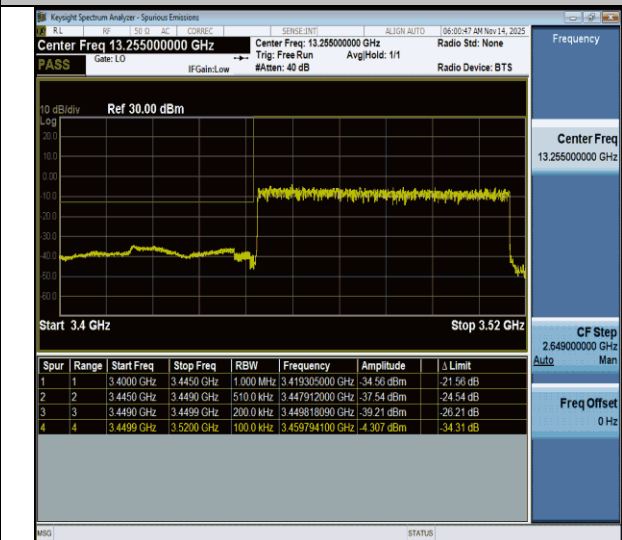
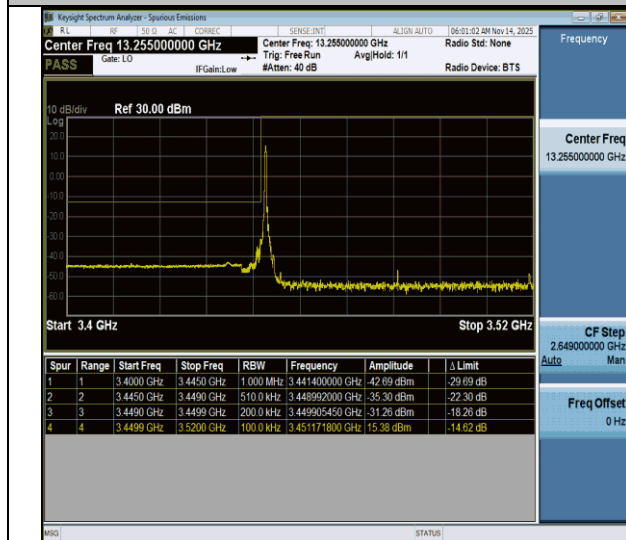
NTNV-n77(3450-3550)-PC3-30-50-H-CP-QPSK-Outer_Full-PASS





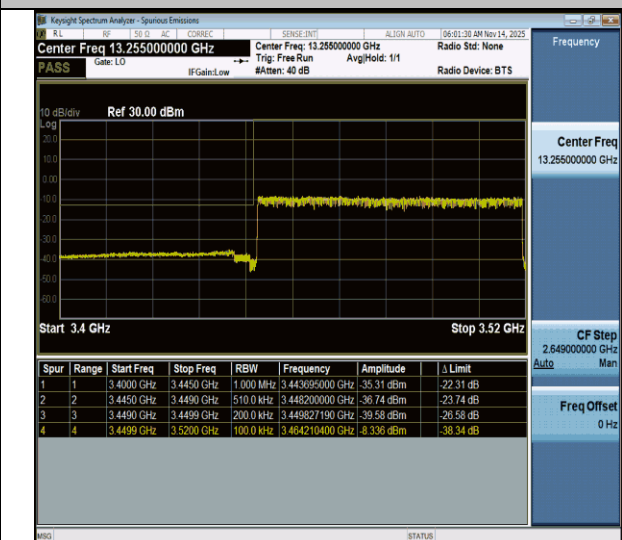
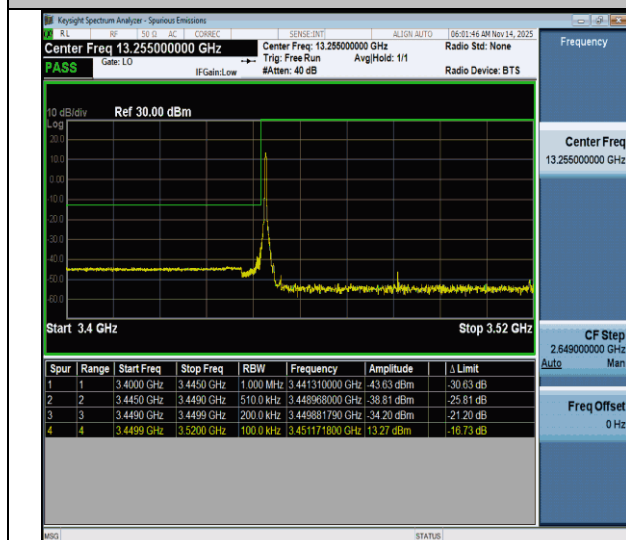
NTNV-n77(3450-3550)-PC3-30-60-H-CP-QPSK-
Edge_1RB_Right-PASS

NTNV-n77(3450-3550)-PC3-30-60-H-CP-QPSK-Outer_Full-PASS



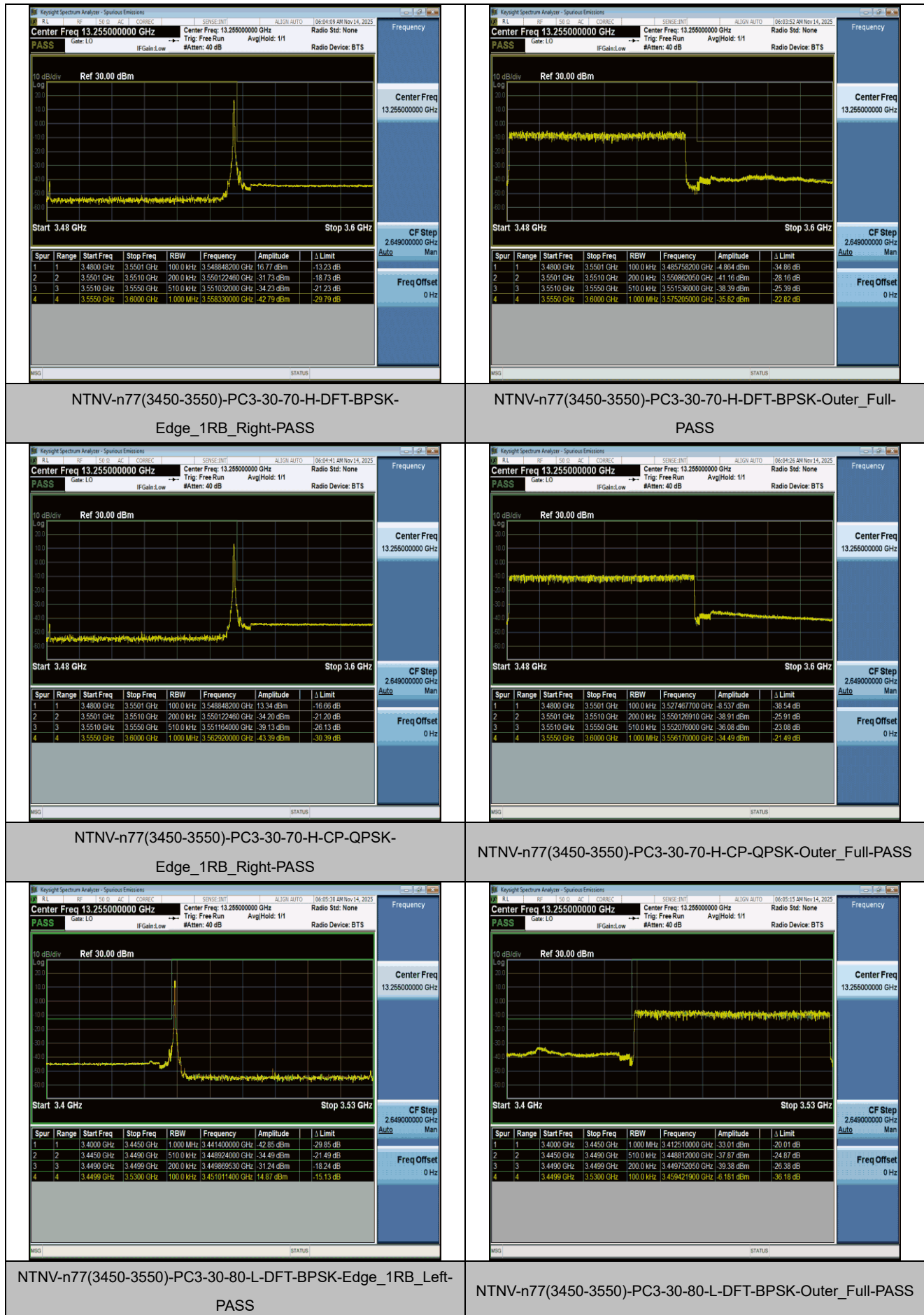
NTNV-n77(3450-3550)-PC3-30-70-L-DFT-BPSK-Edge_1RB_Left-
PASS

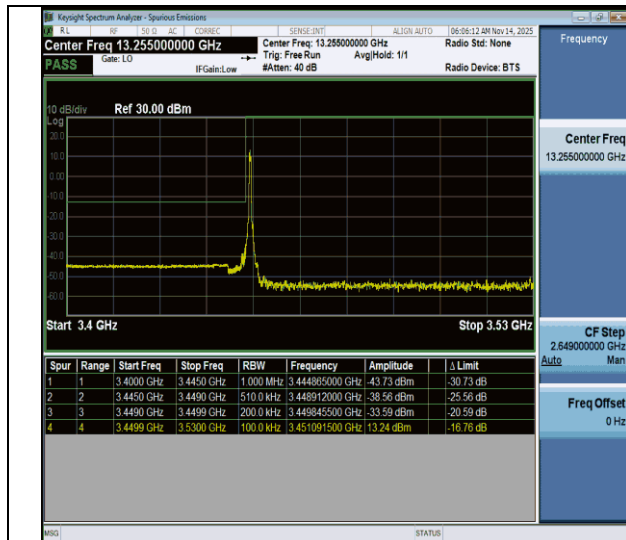
NTNV-n77(3450-3550)-PC3-30-70-L-DFT-BPSK-Outer_Full-PASS



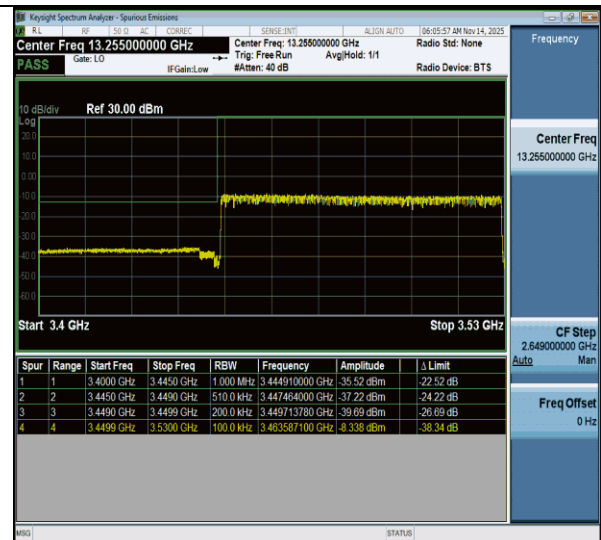
NTNV-n77(3450-3550)-PC3-30-70-L-CP-QPSK-Edge_1RB_Left-
PASS

NTNV-n77(3450-3550)-PC3-30-70-L-CP-QPSK-Outer_Full-PASS

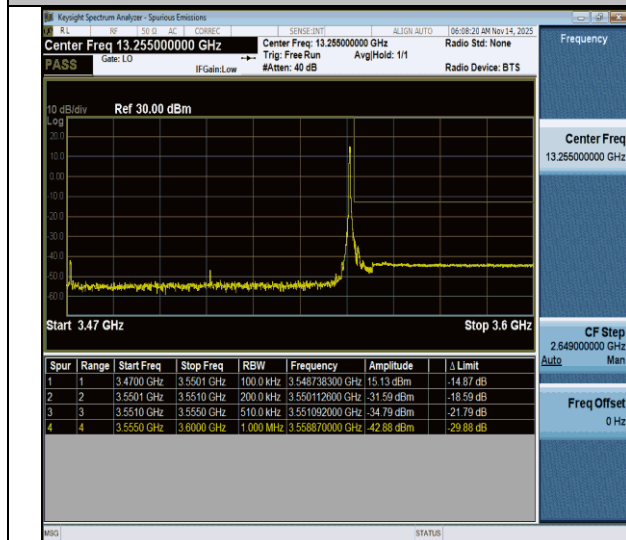




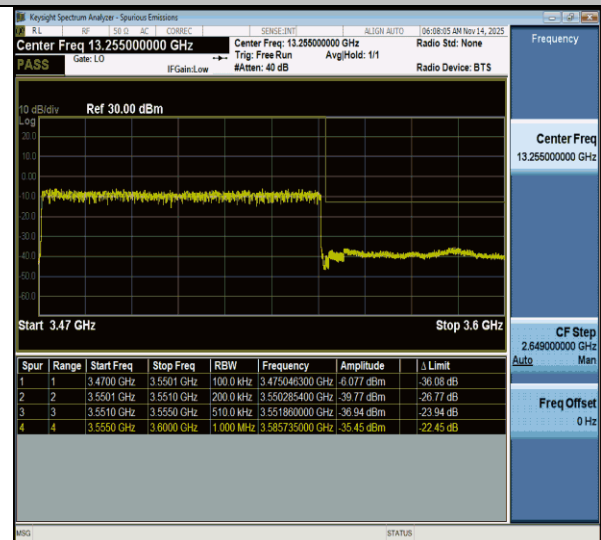
NTNV-n77(3450-3550)-PC3-30-80-L-CP-QPSK-Edge_1RB_Left-PASS



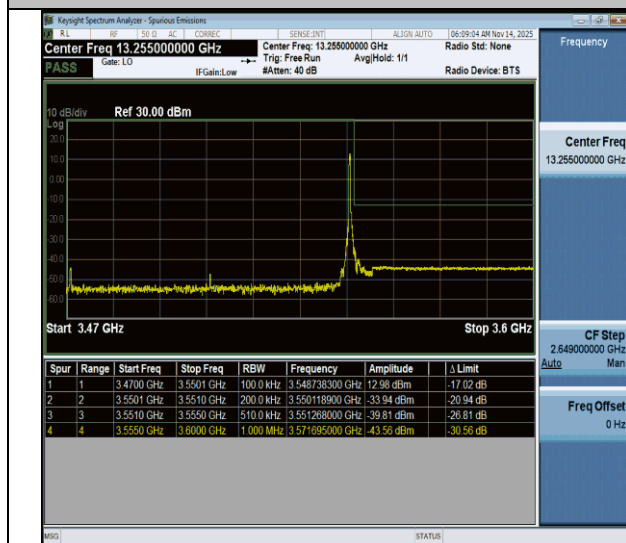
NTNV-n77(3450-3550)-PC3-30-80-L-CP-QPSK-Outer_Full-PASS



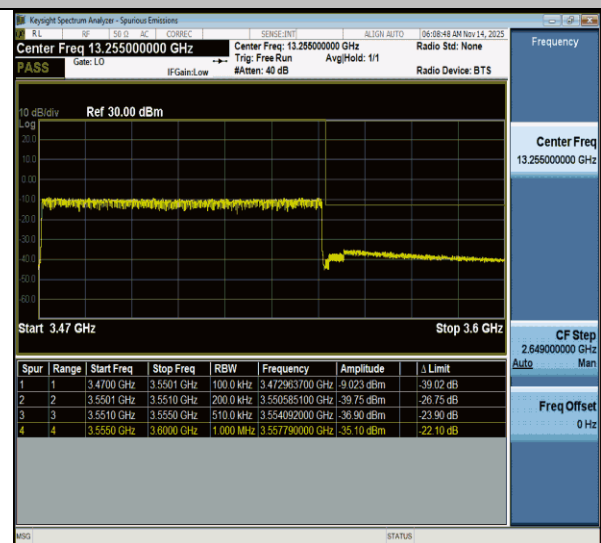
NTNV-n77(3450-3550)-PC3-30-80-H-DFT-BPSK-Edge_1RB_Right-PASS



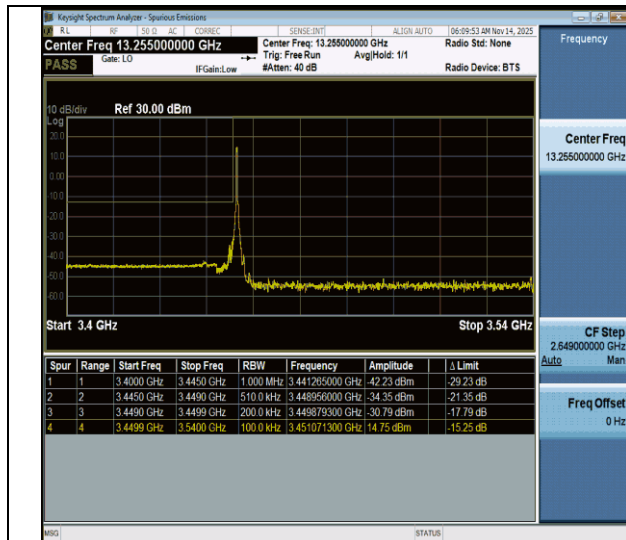
NTNV-n77(3450-3550)-PC3-30-80-H-DFT-BPSK-Outer_Full-PASS



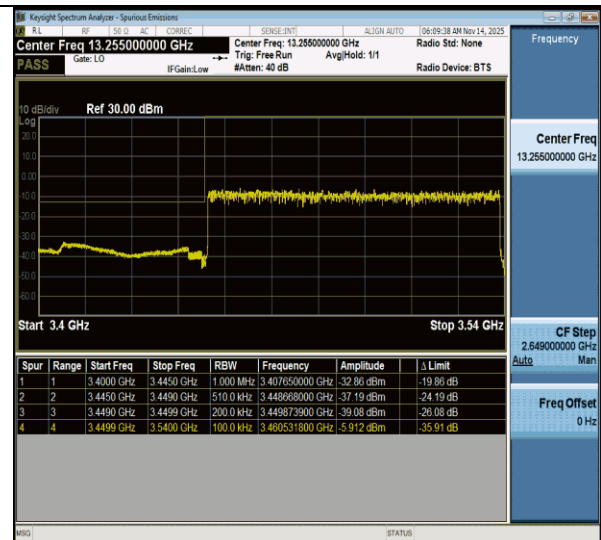
NTNV-n77(3450-3550)-PC3-30-80-H-CP-QPSK-Edge_1RB_Right-PASS



NTNV-n77(3450-3550)-PC3-30-80-H-CP-QPSK-Outer_Full-PASS



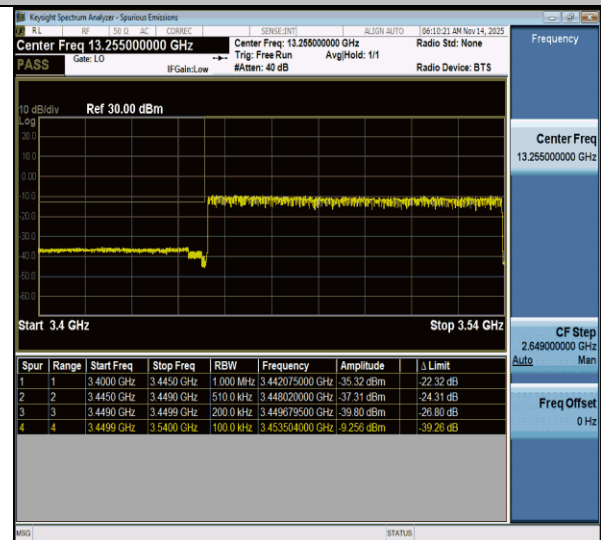
NTNV-n77(3450-3550)-PC3-30-90-L-DFT-BPSK-Edge_1RB_Left-PASS



NTNV-n77(3450-3550)-PC3-30-90-L-DFT-BPSK-Outer_Full-PASS



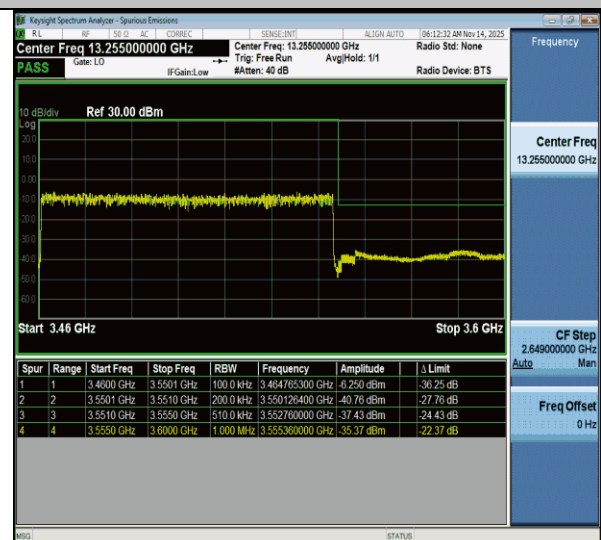
NTNV-n77(3450-3550)-PC3-30-90-L-CP-QPSK-Edge_1RB_Left-PASS



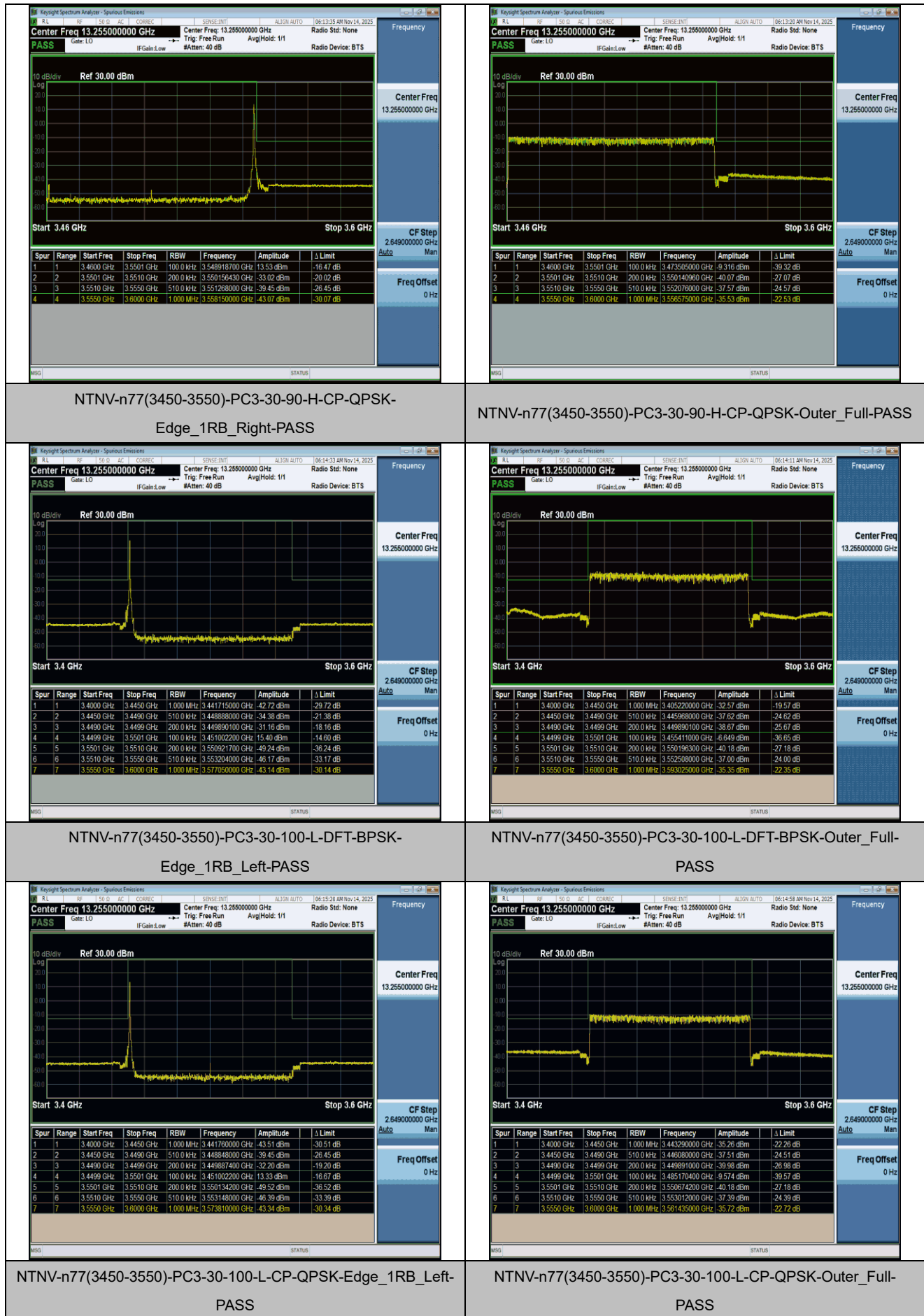
NTNV-n77(3450-3550)-PC3-30-90-L-CP-QPSK-Outer_Full-PASS

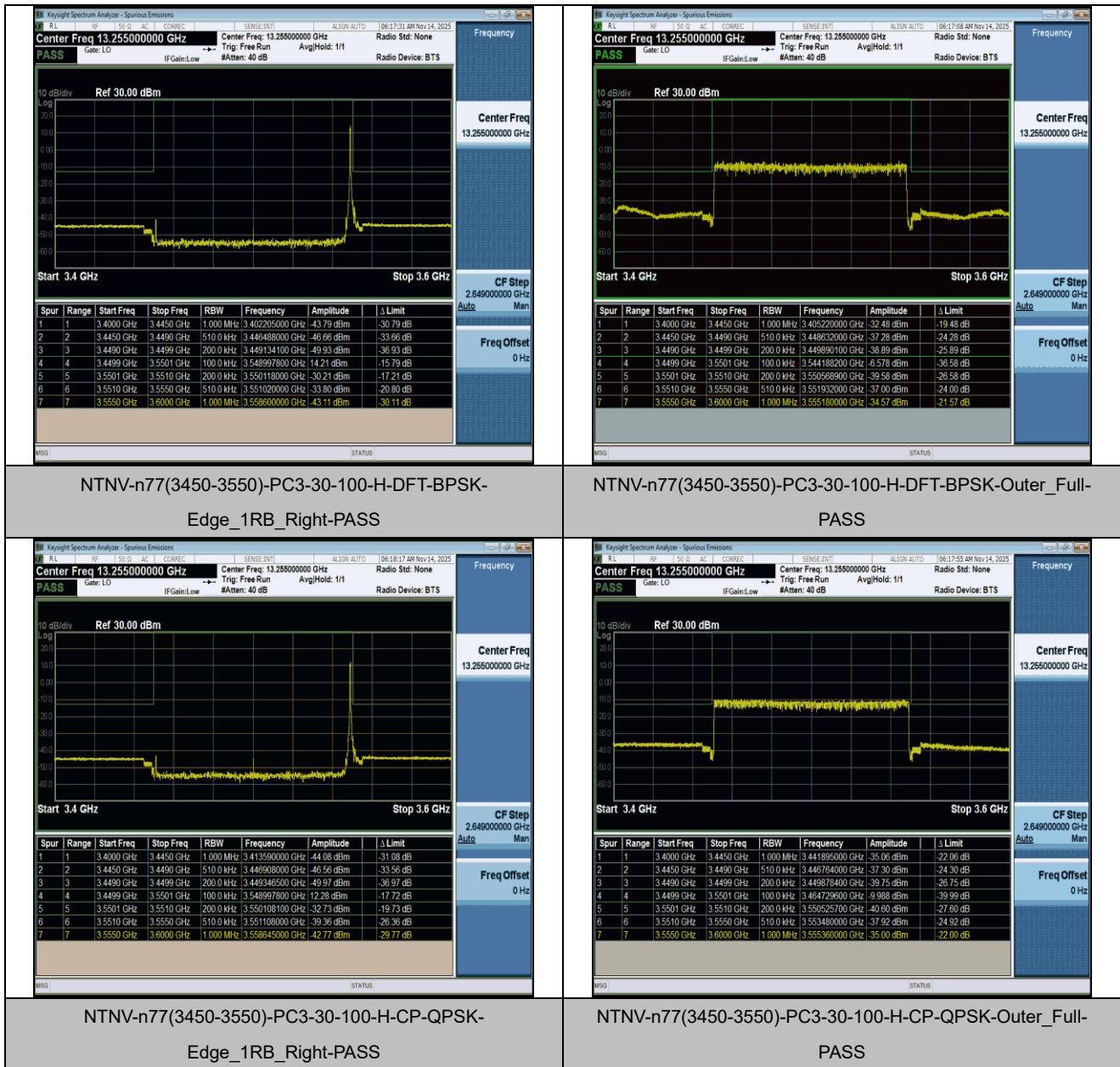


NTNV-n77(3450-3550)-PC3-30-90-H-DFT-BPSK-Edge_1RB_Right-PASS



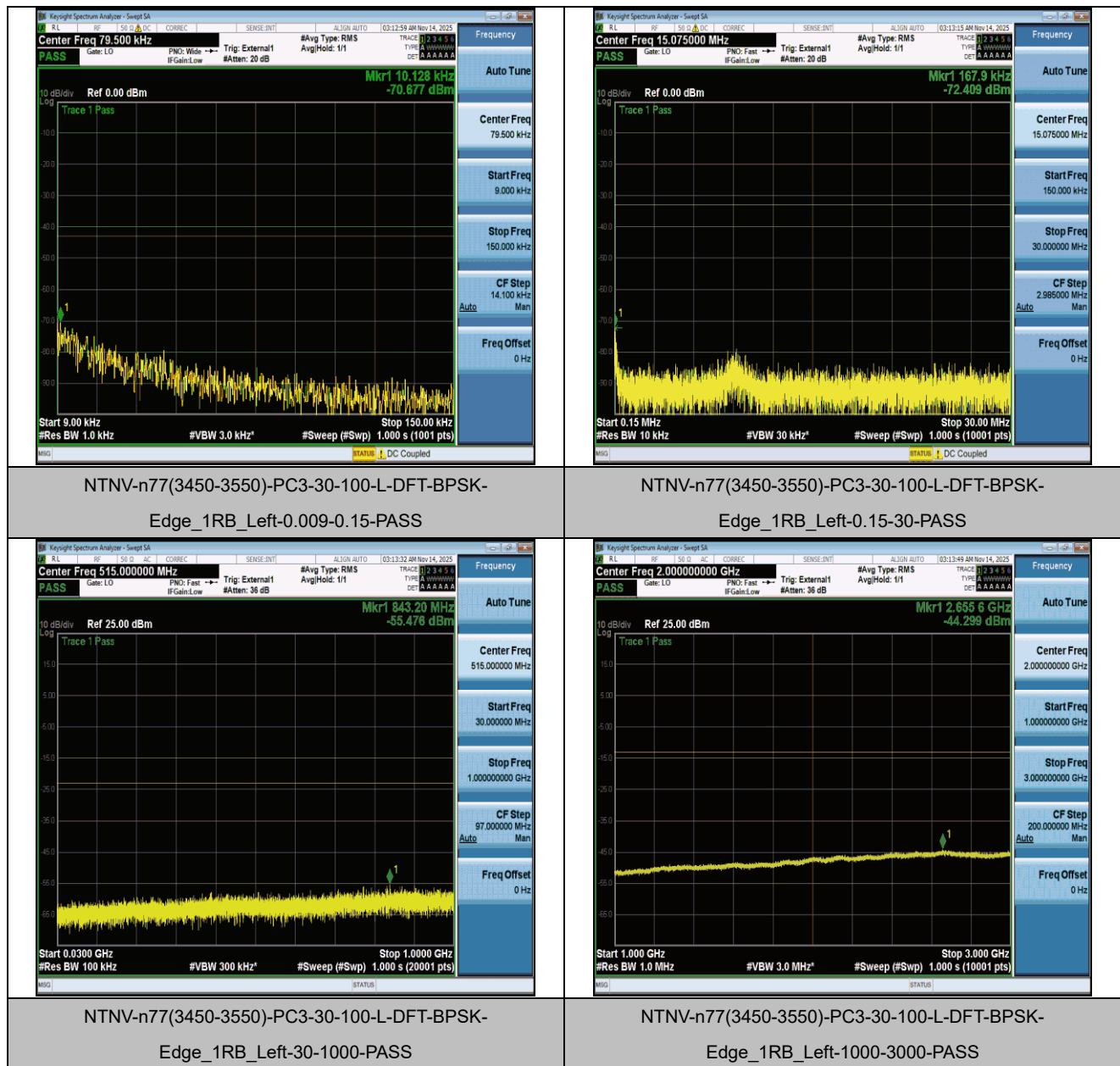
NTNV-n77(3450-3550)-PC3-30-90-H-DFT-BPSK-Outer_Full-PASS

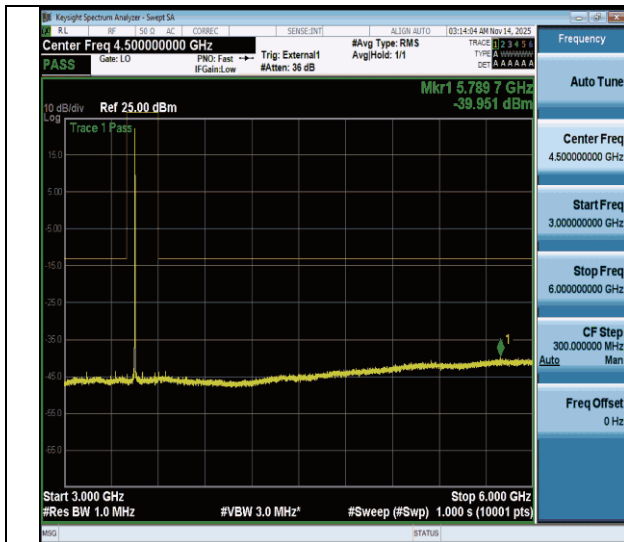




Conducted Spurious Emission for SA

Test Graphs





NTNV-n77(3450-3550)-PC3-30-100-L-DFT-BPSK-
Edge_1RB_Left-3000-6000-PASS



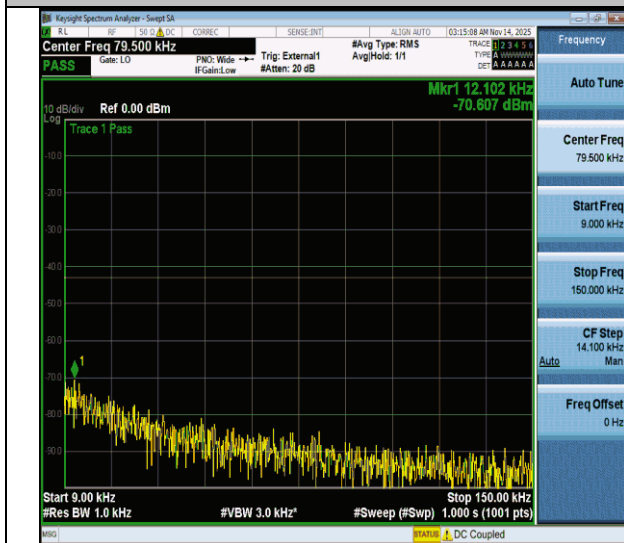
NTNV-n77(3450-3550)-PC3-30-100-L-DFT-BPSK-
Edge_1RB_Left-6000-20000-PASS



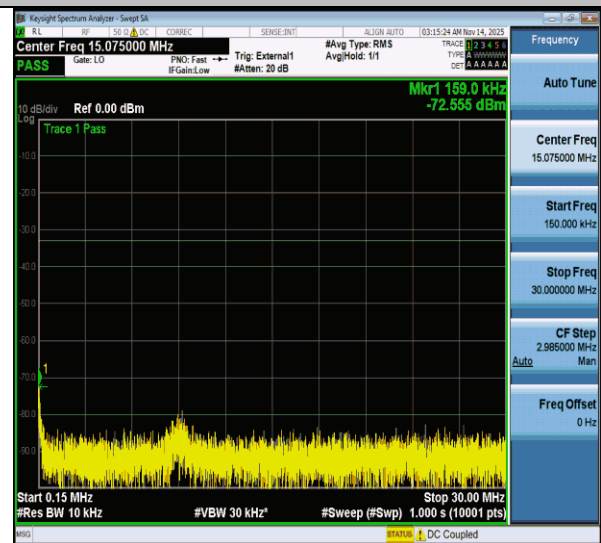
NTNV-n77(3450-3550)-PC3-30-100-L-DFT-BPSK-
Edge_1RB_Left-20000-26500-PASS



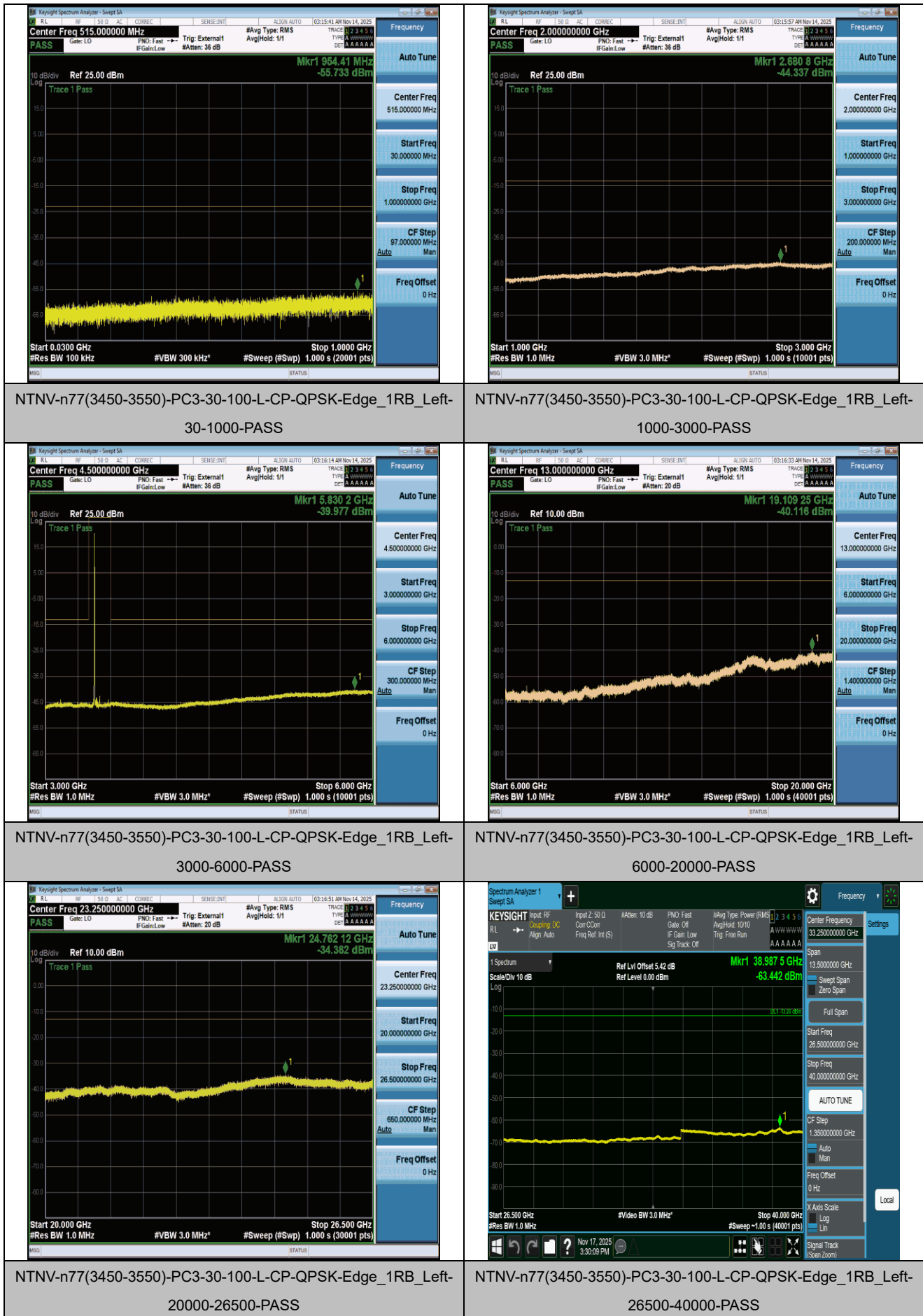
NTNV-n77(3450-3550)-PC3-30-100-L-DFT-BPSK-
Edge_1RB_Left-26500-40000-PASS

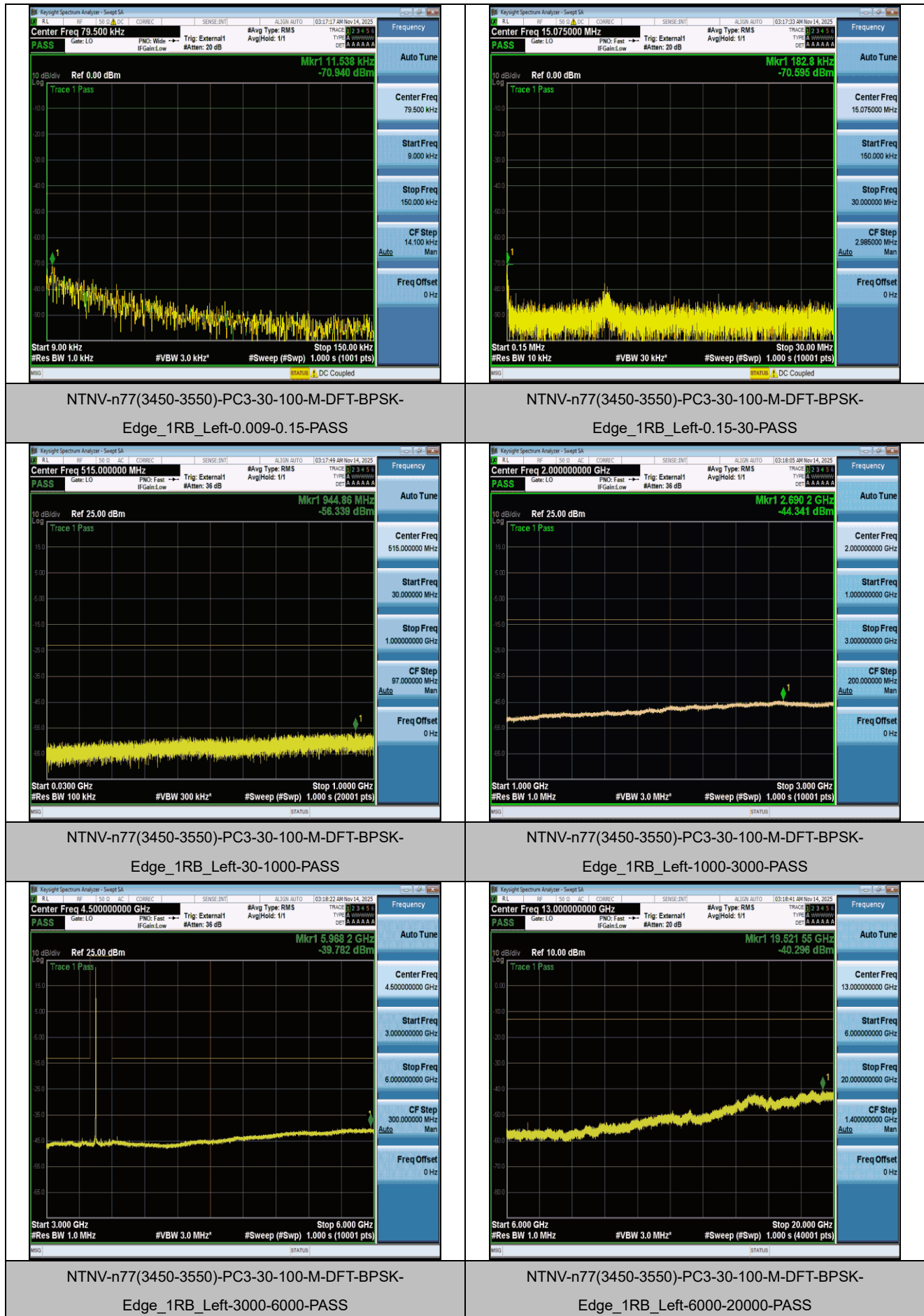


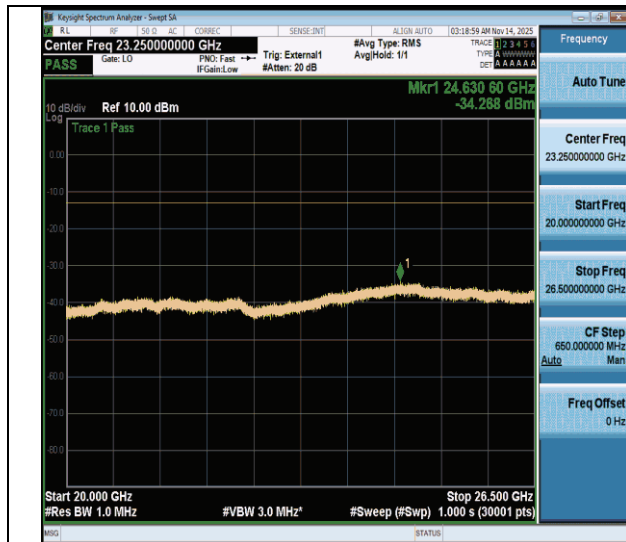
NTNV-n77(3450-3550)-PC3-30-100-L-CP-QPSK-Edge_1RB_Left-
0.009-0.15-PASS



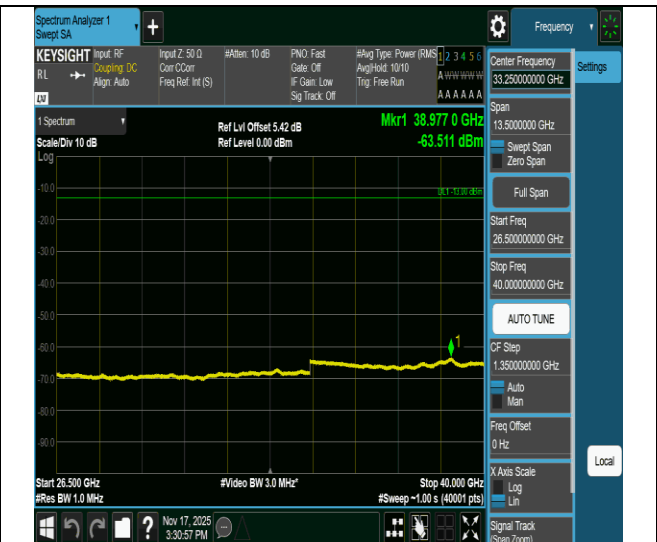
NTNV-n77(3450-3550)-PC3-30-100-L-CP-QPSK-Edge_1RB_Left-
0.15-30-PASS



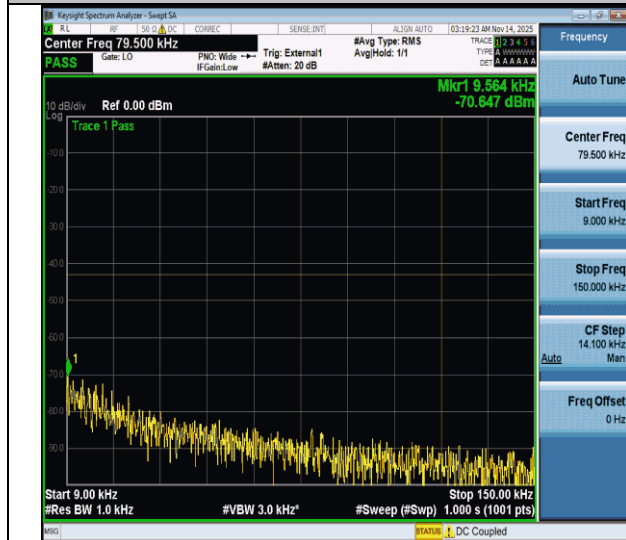




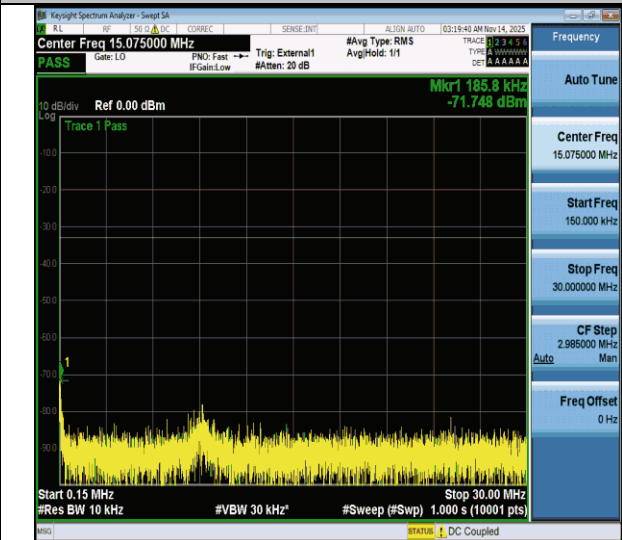
NTNV-n77(3450-3550)-PC3-30-100-M-DFT-BPSK-
Edge_1RB_Left-20000-26500-PASS



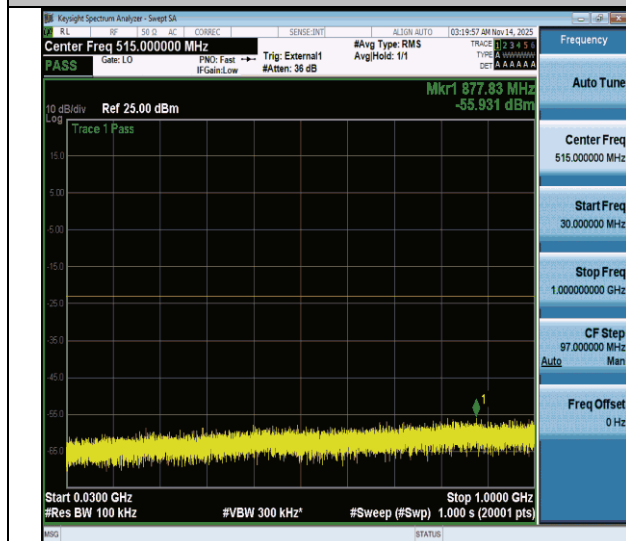
NTNV-n77(3450-3550)-PC3-30-100-M-DFT-BPSK-
Edge_1RB_Left-26500-40000-PASS



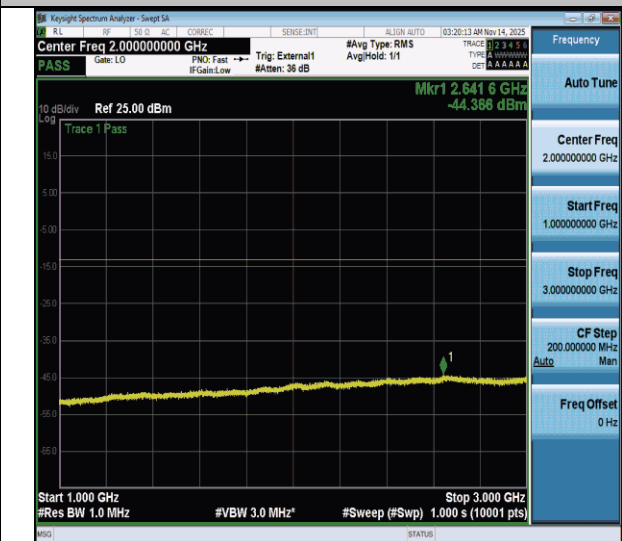
NTNV-n77(3450-3550)-PC3-30-100-M-CP-QPSK-
Edge_1RB_Left-0.009-0.15-PASS



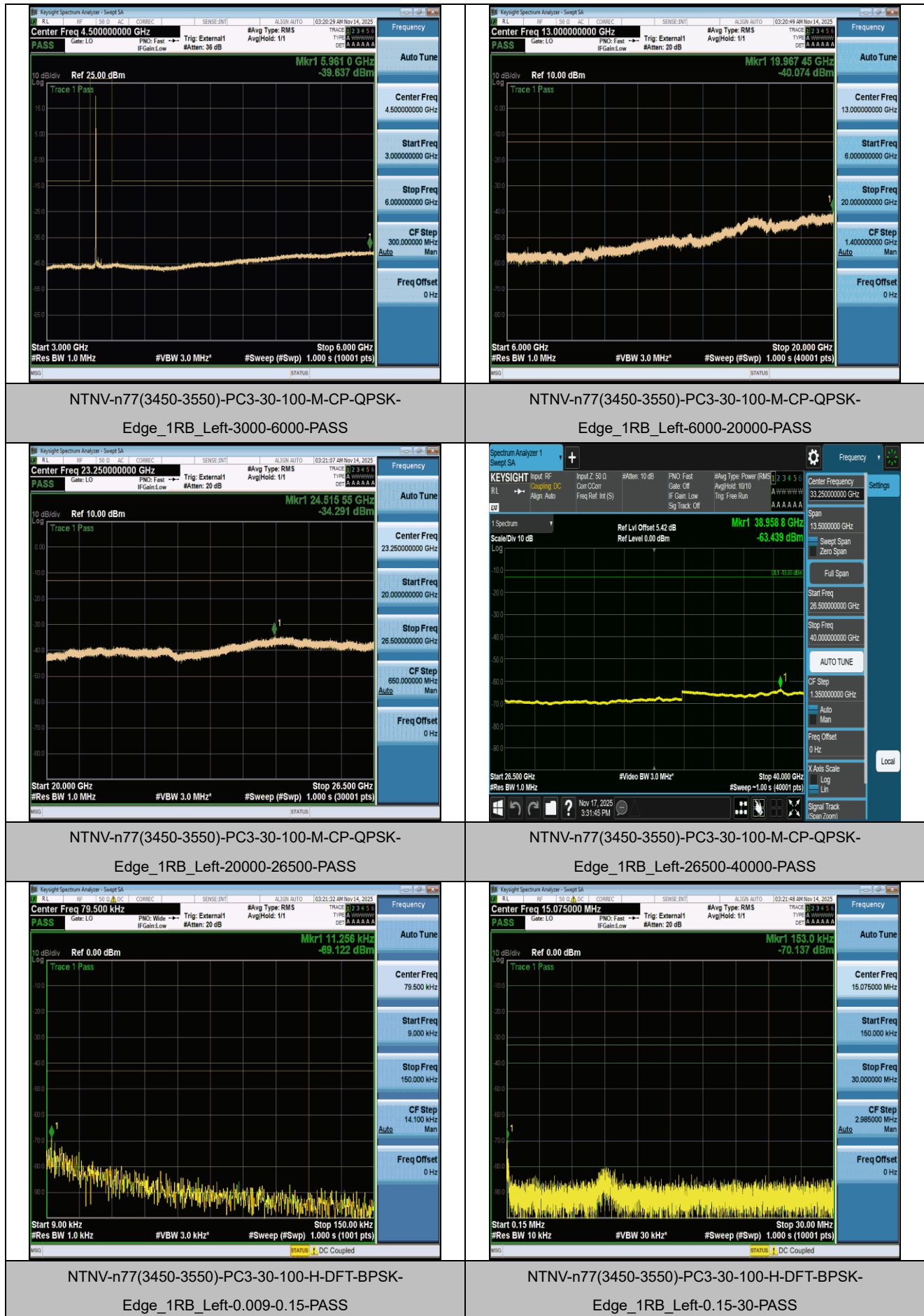
NTNV-n77(3450-3550)-PC3-30-100-M-CP-QPSK-
Edge_1RB_Left-0.15-30-PASS

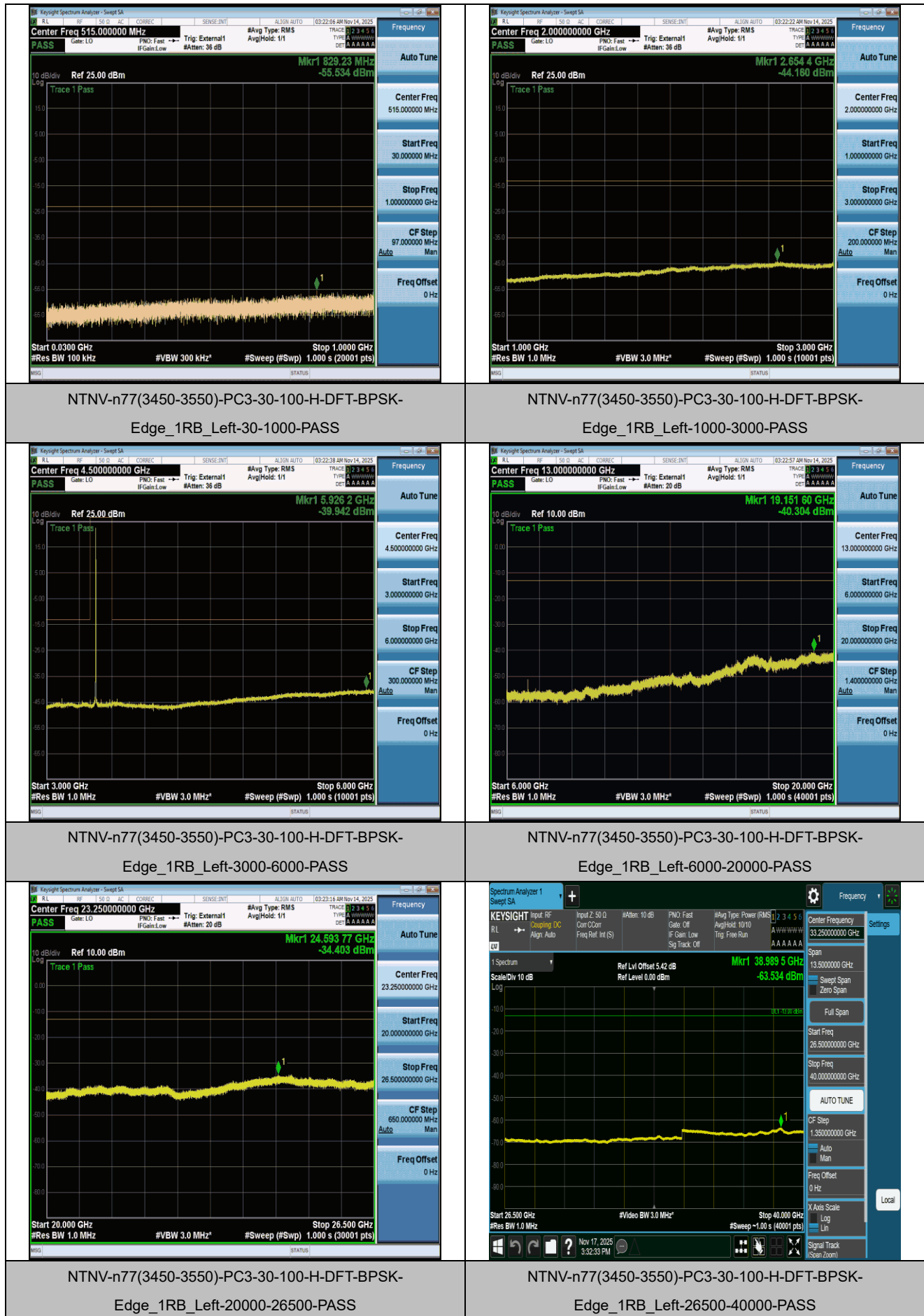


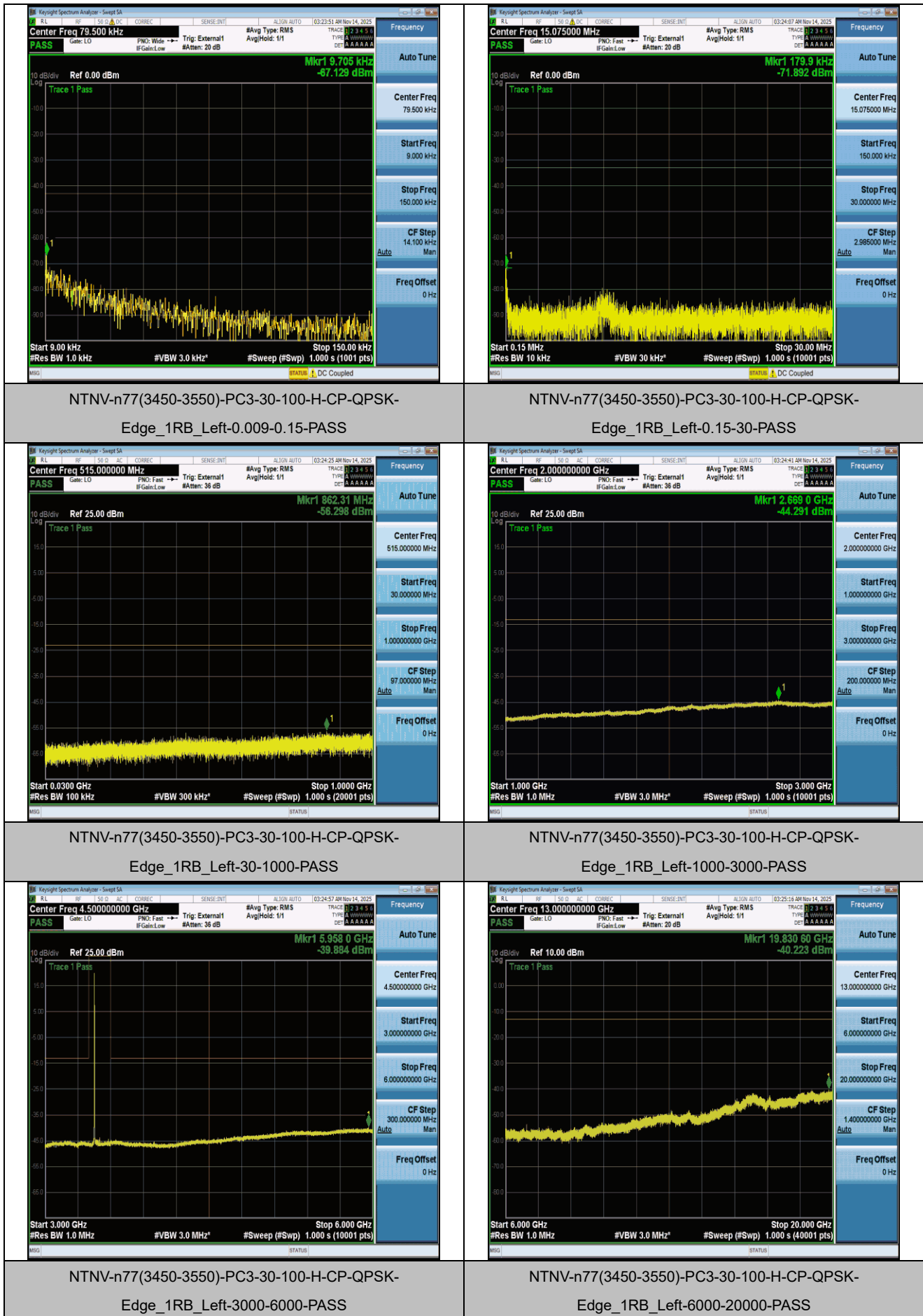
NTNV-n77(3450-3550)-PC3-30-100-M-CP-QPSK-
Edge_1RB_Left-30-1000-PASS



NTNV-n77(3450-3550)-PC3-30-100-M-CP-QPSK-
Edge_1RB_Left-1000-3000-PASS









NTNV-n77(3450-3550)-PC3-30-100-H-CP-QPSK-
Edge_1RB_Left-20000-26500-PASS



NTNV-n77(3450-3550)-PC3-30-100-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	100	DFT-BPSK	M	Outer_Full	VL	NT	-18.3	-0.005229	PASS
n77(3450-3550)	30	100	DFT-BPSK	M	Outer_Full	VN	NT	-11.3	-0.003229	PASS
n77(3450-3550)	30	100	DFT-BPSK	M	Outer_Full	VH	NT	-5.2	-0.001486	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-0.8	-0.000229	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-4.1	-0.001171	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-3.1	-0.000886	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
n77(3450-3550)	30	100	DFT-BPSK	M	Outer_Full	NV	-30	-1	-0.000286	PASS
n77(3450-3550)	30	100	DFT-BPSK	M	Outer_Full	NV	-20	-2	-0.000571	PASS
n77(3450-3550)	30	100	DFT-BPSK	M	Outer_Full	NV	-10	-11.1	-0.003171	PASS
n77(3450-3550)	30	100	DFT-BPSK	M	Outer_Full	NV	0	0.6	0.000171	PASS
n77(3450-3550)	30	100	DFT-BPSK	M	Outer_Full	NV	10	-4.8	-0.001371	PASS
n77(3450-3550)	30	100	DFT-BPSK	M	Outer_Full	NV	20	-9.4	-0.002686	PASS
n77(3450-3550)	30	100	DFT-BPSK	M	Outer_Full	NV	30	-7.1	-0.002029	PASS
n77(3450-3550)	30	100	DFT-BPSK	M	Outer_Full	NV	40	-4.4	-0.001257	PASS
n77(3450-3550)	30	100	DFT-BPSK	M	Outer_Full	NV	50	-5.6	-0.0016	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-10.3	-0.002943	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-0.3	-8.6E-05	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-18.7	-0.005343	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	0	-9.7	-0.002771	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	10	-7.4	-0.002114	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	20	-7.5	-0.002143	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	30	-4.3	-0.001229	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	40	-13.3	-0.0038	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	NV	50	-3.7	-0.001057	PASS

~The End~