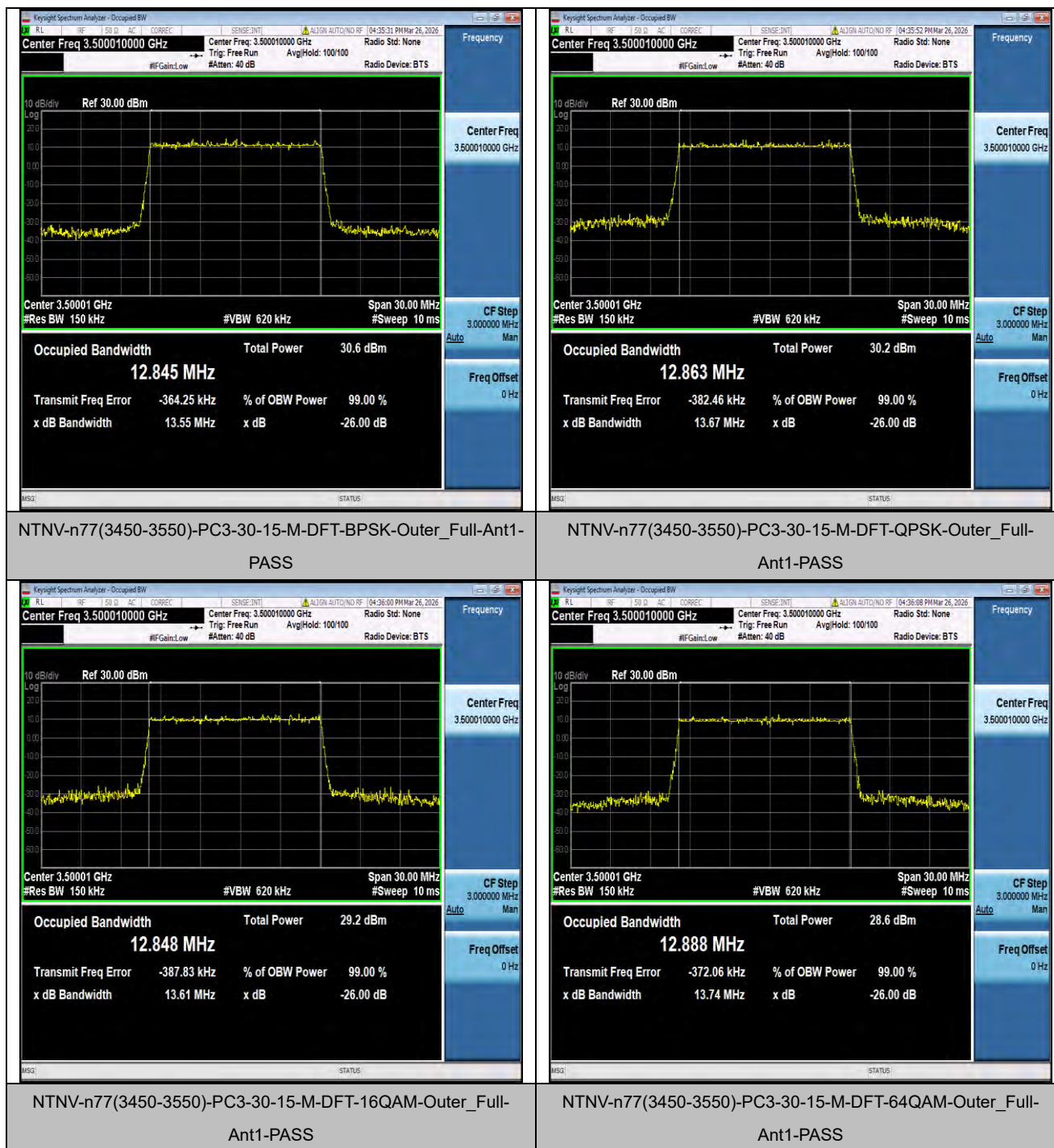
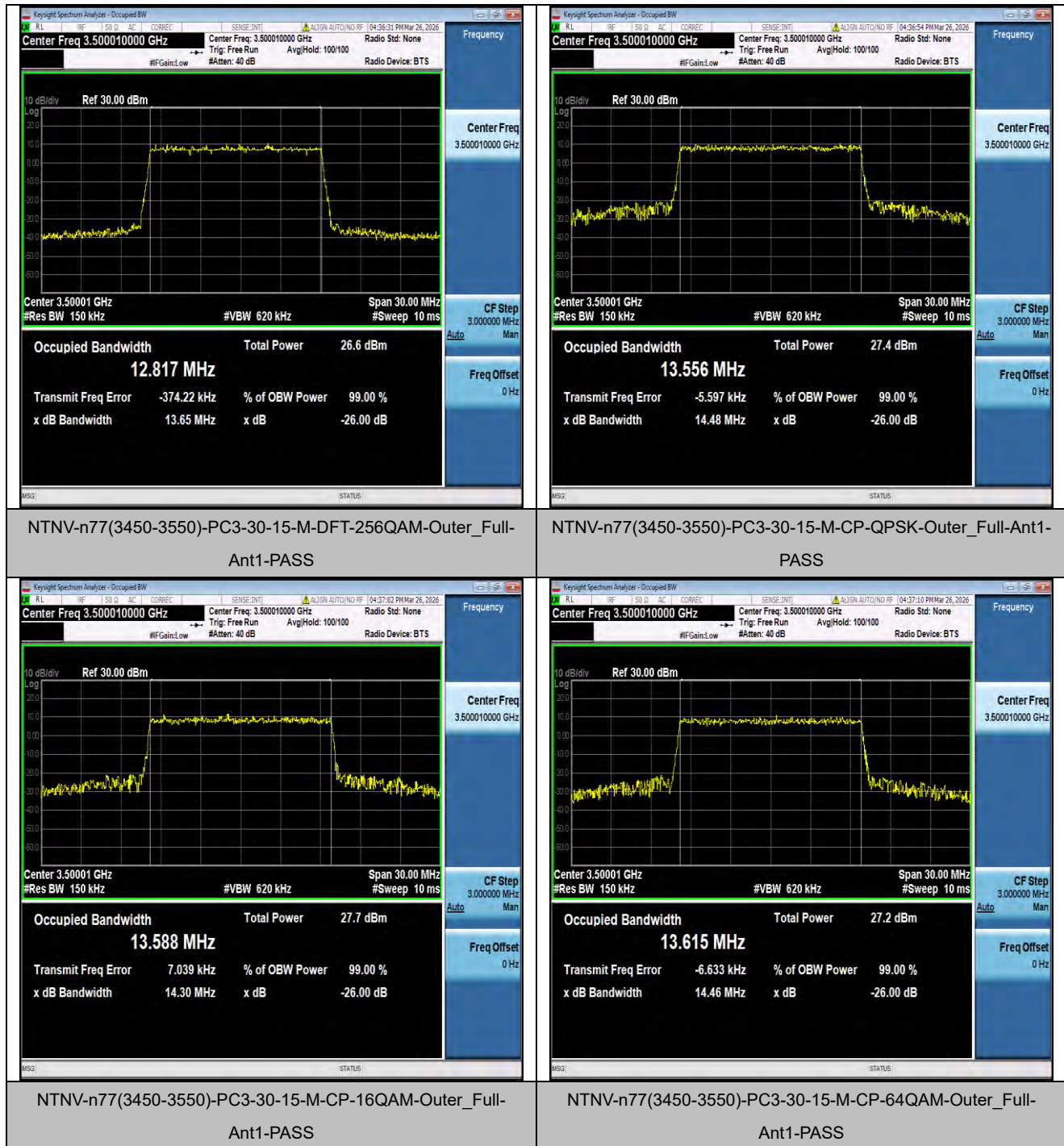
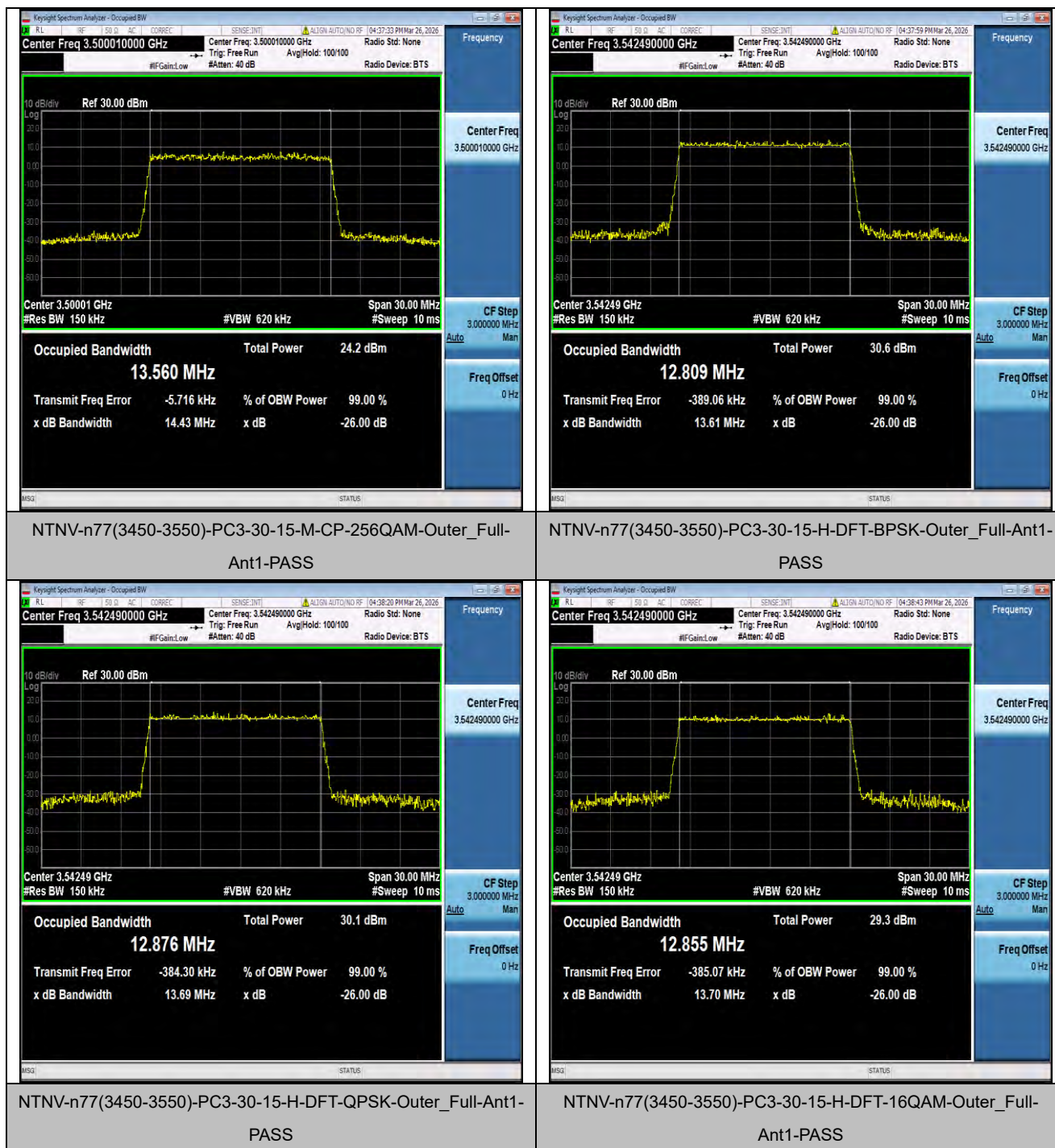
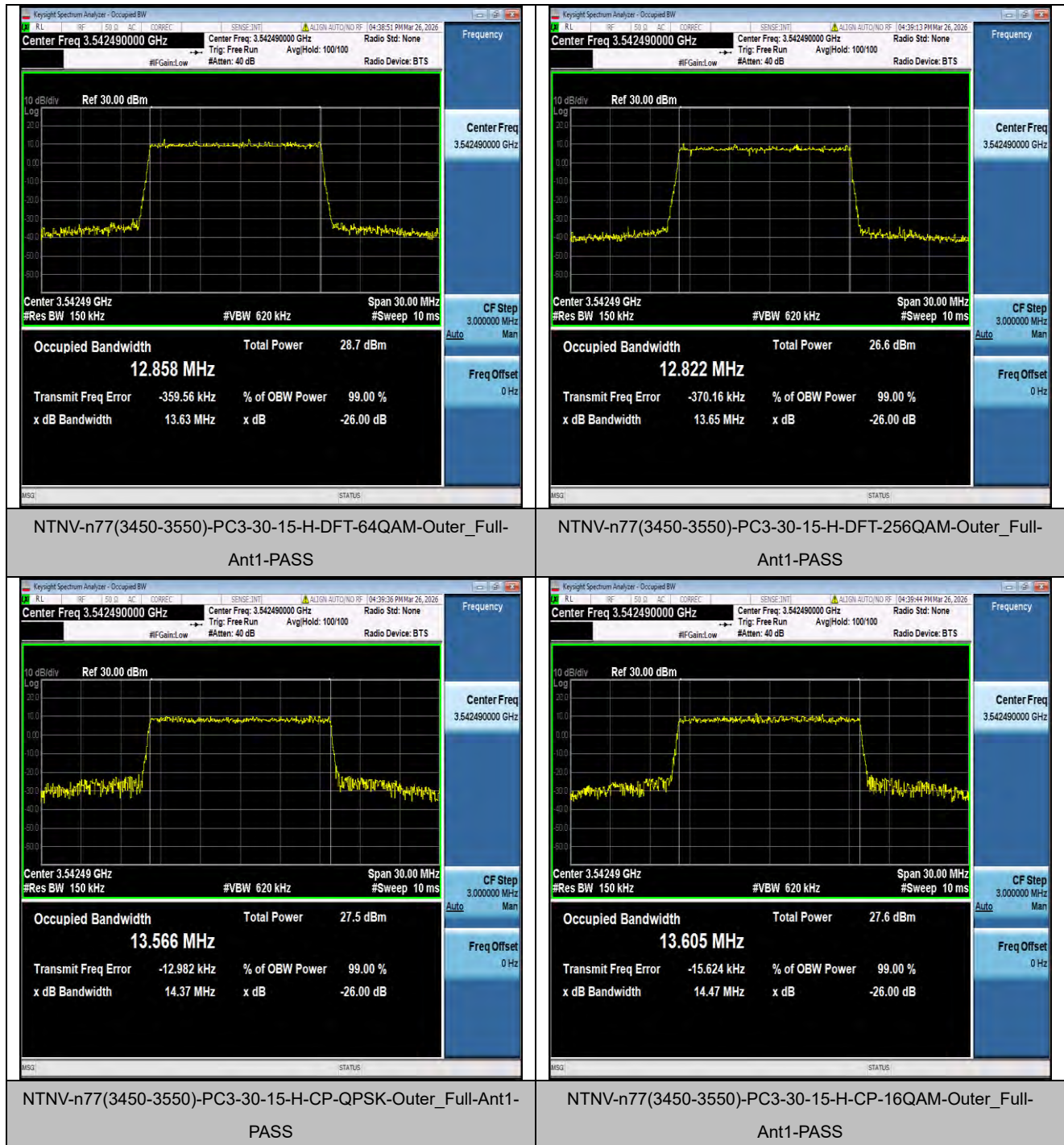
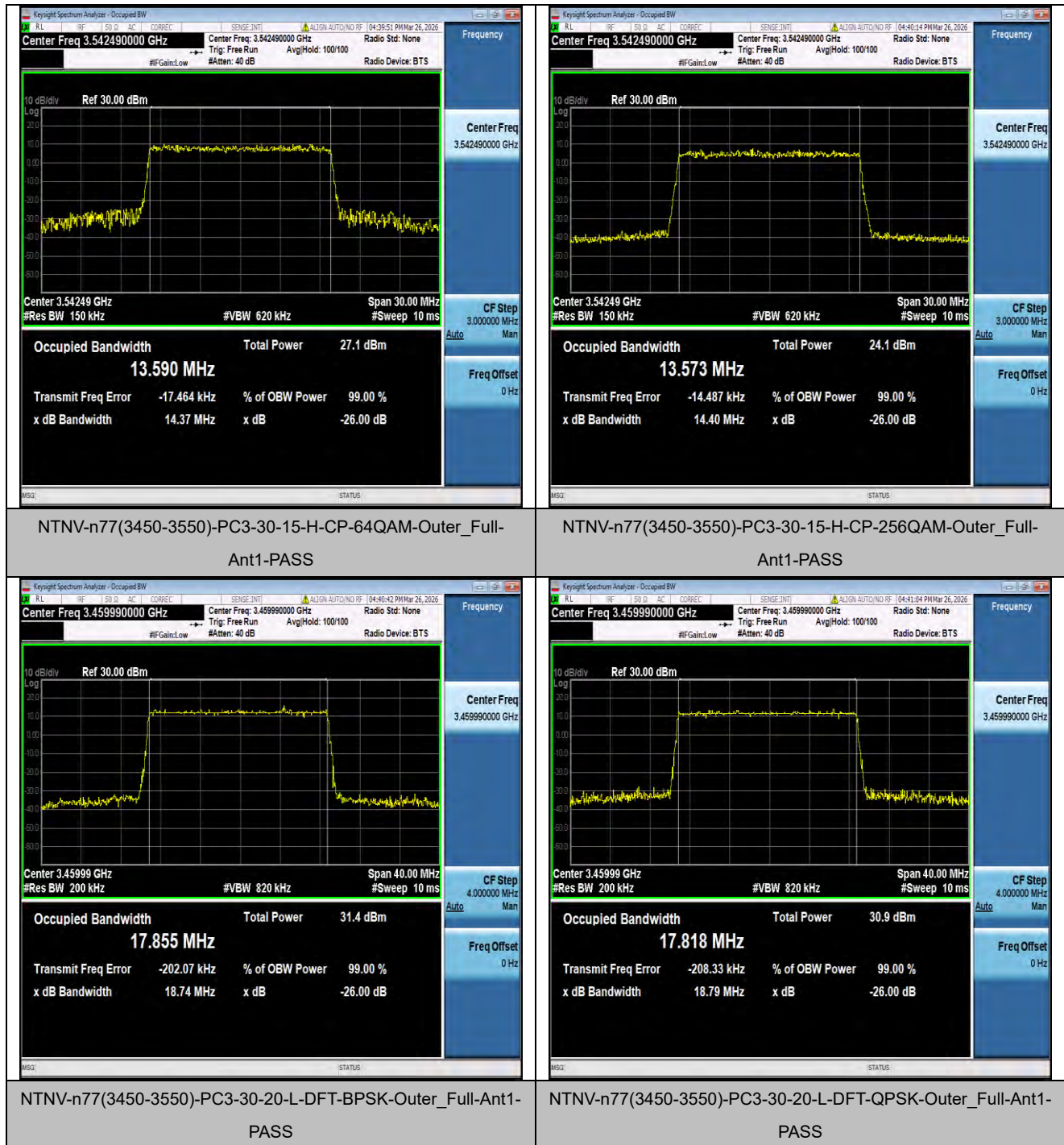


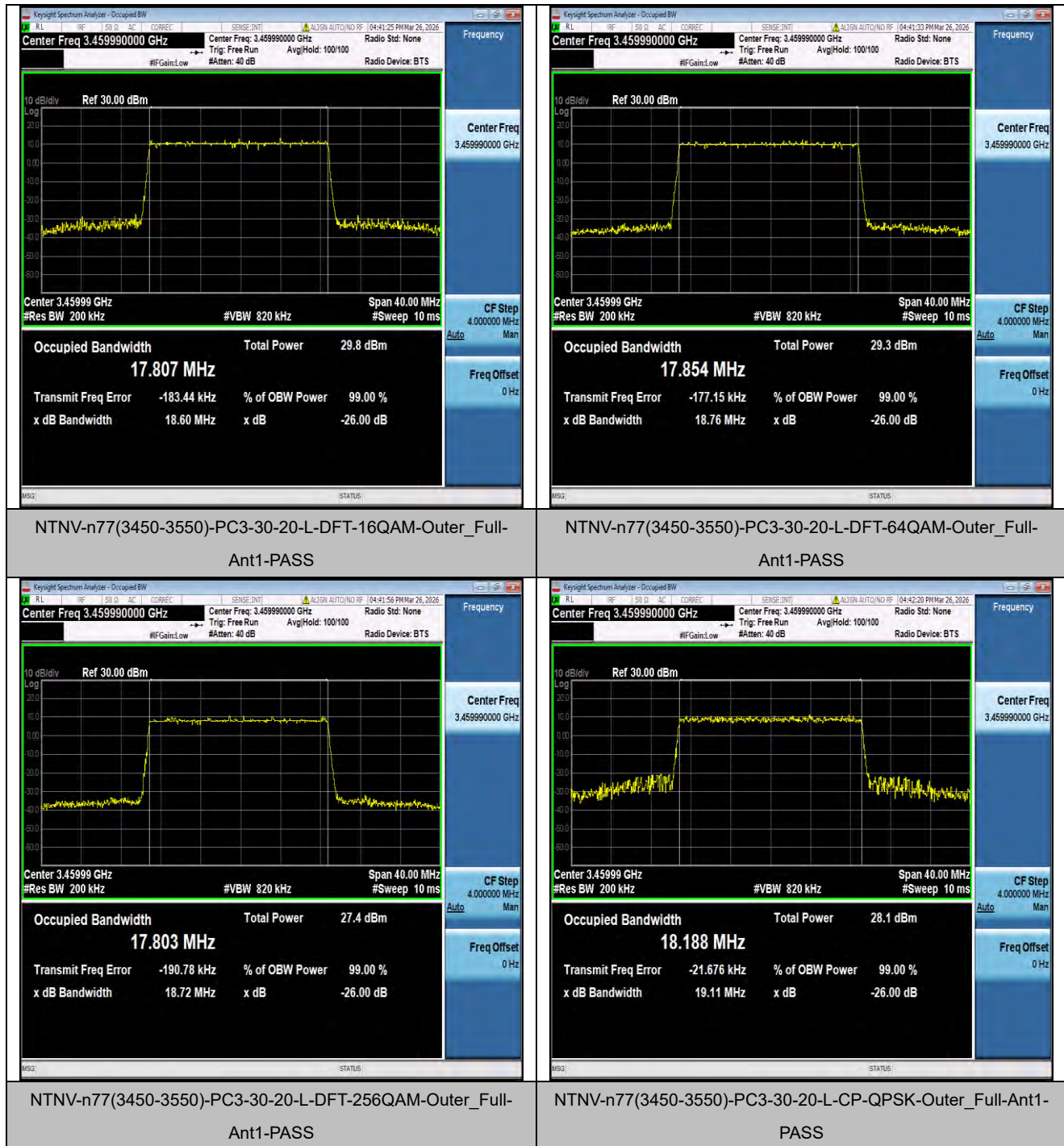


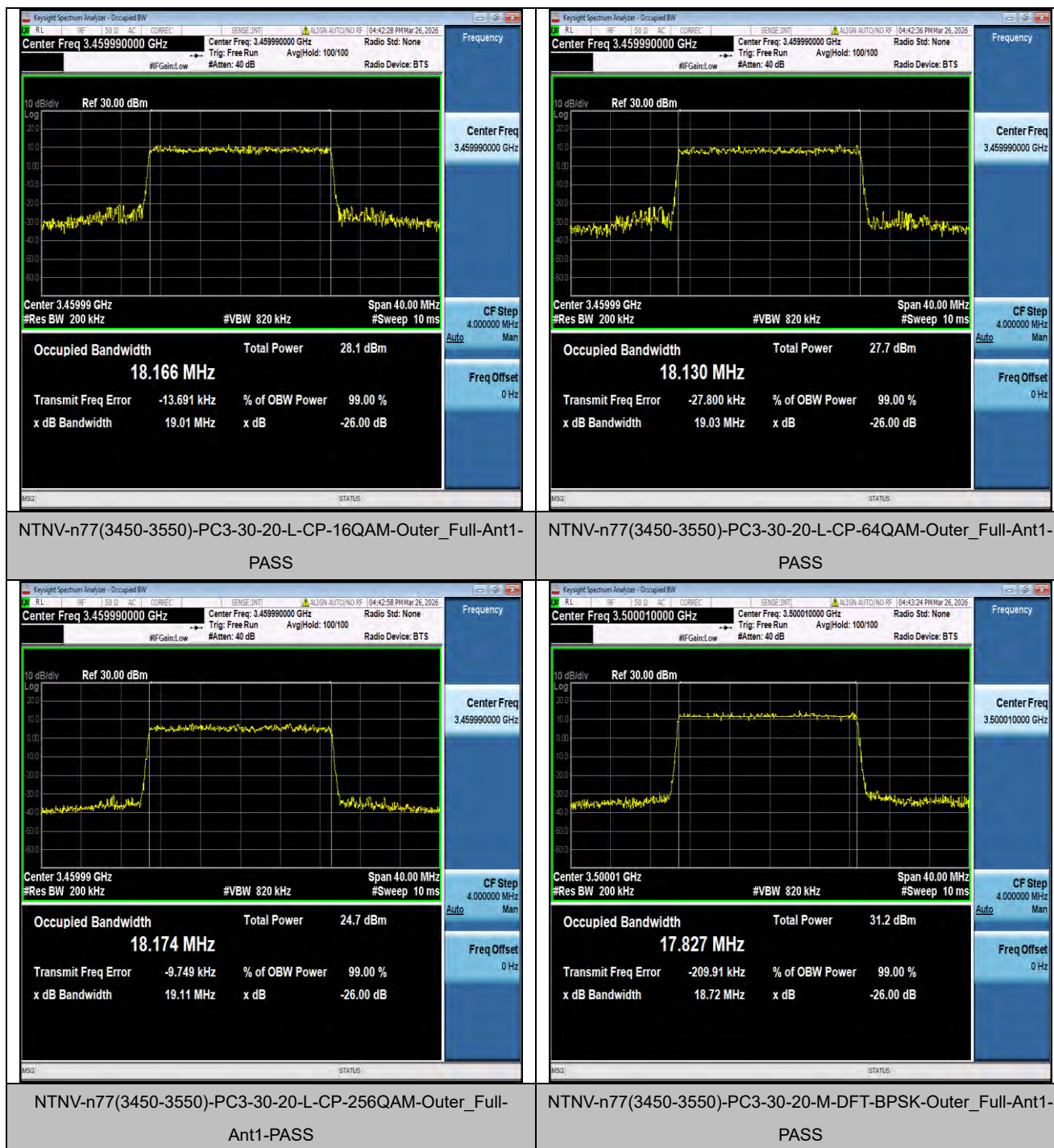


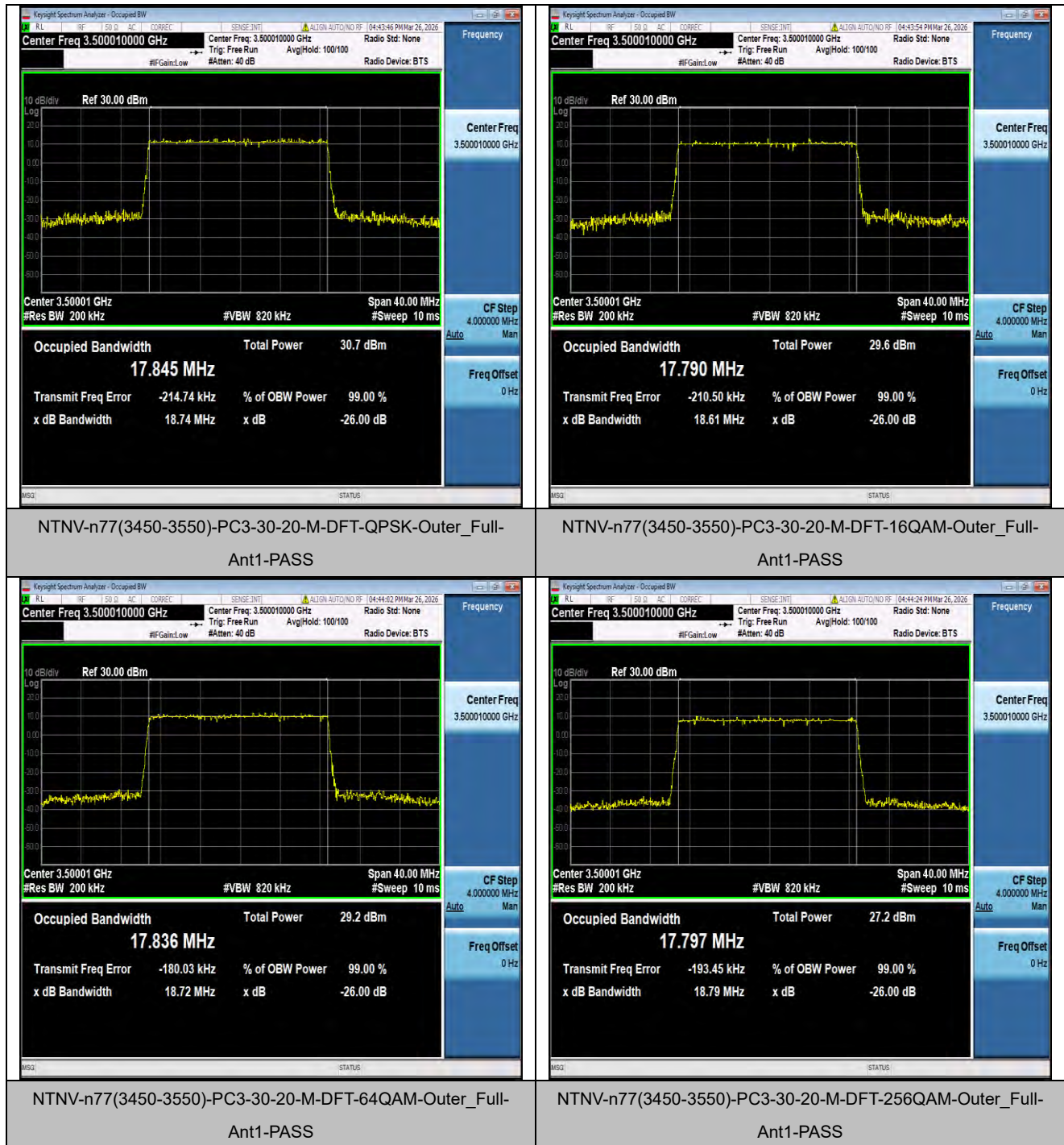


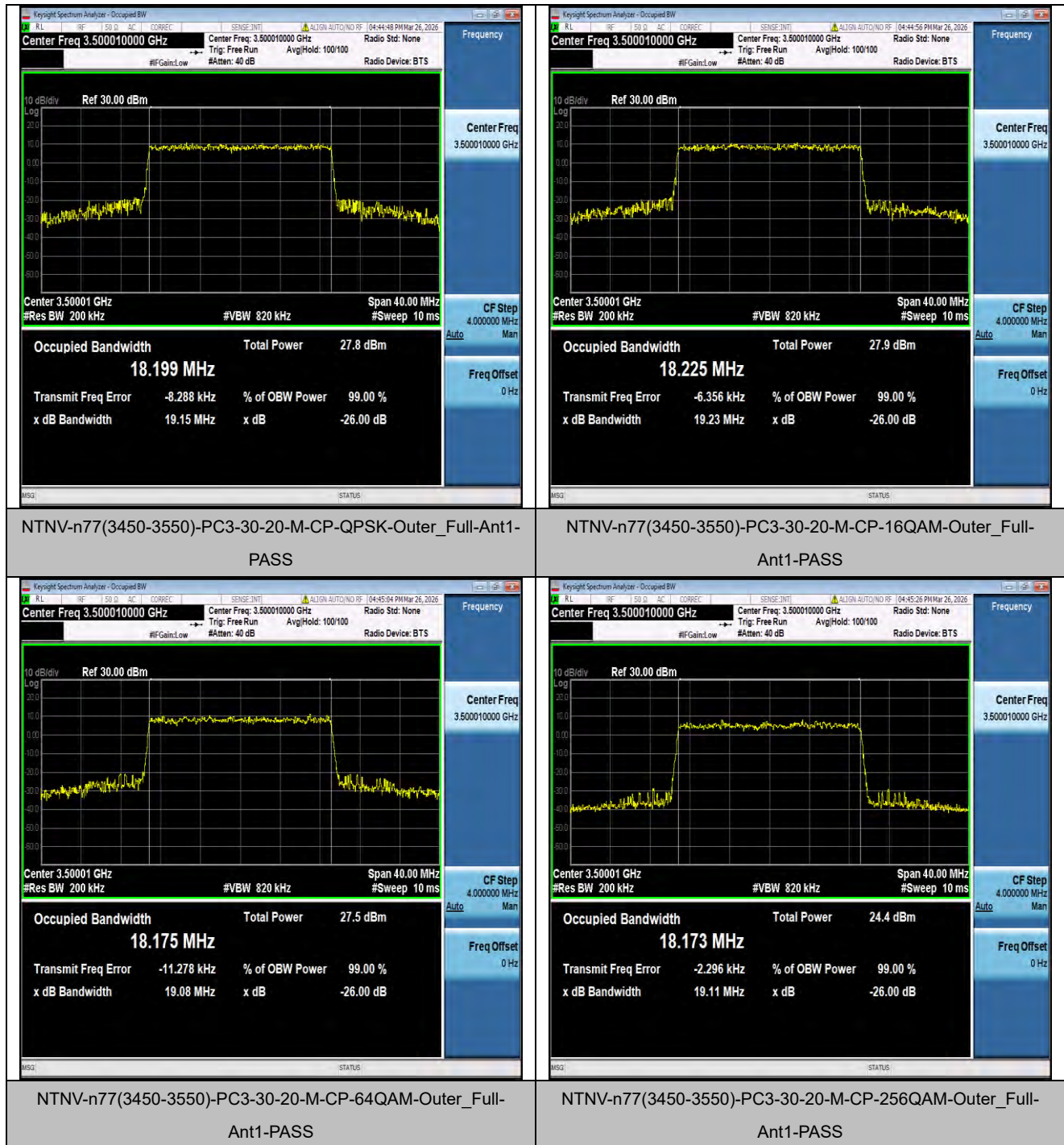


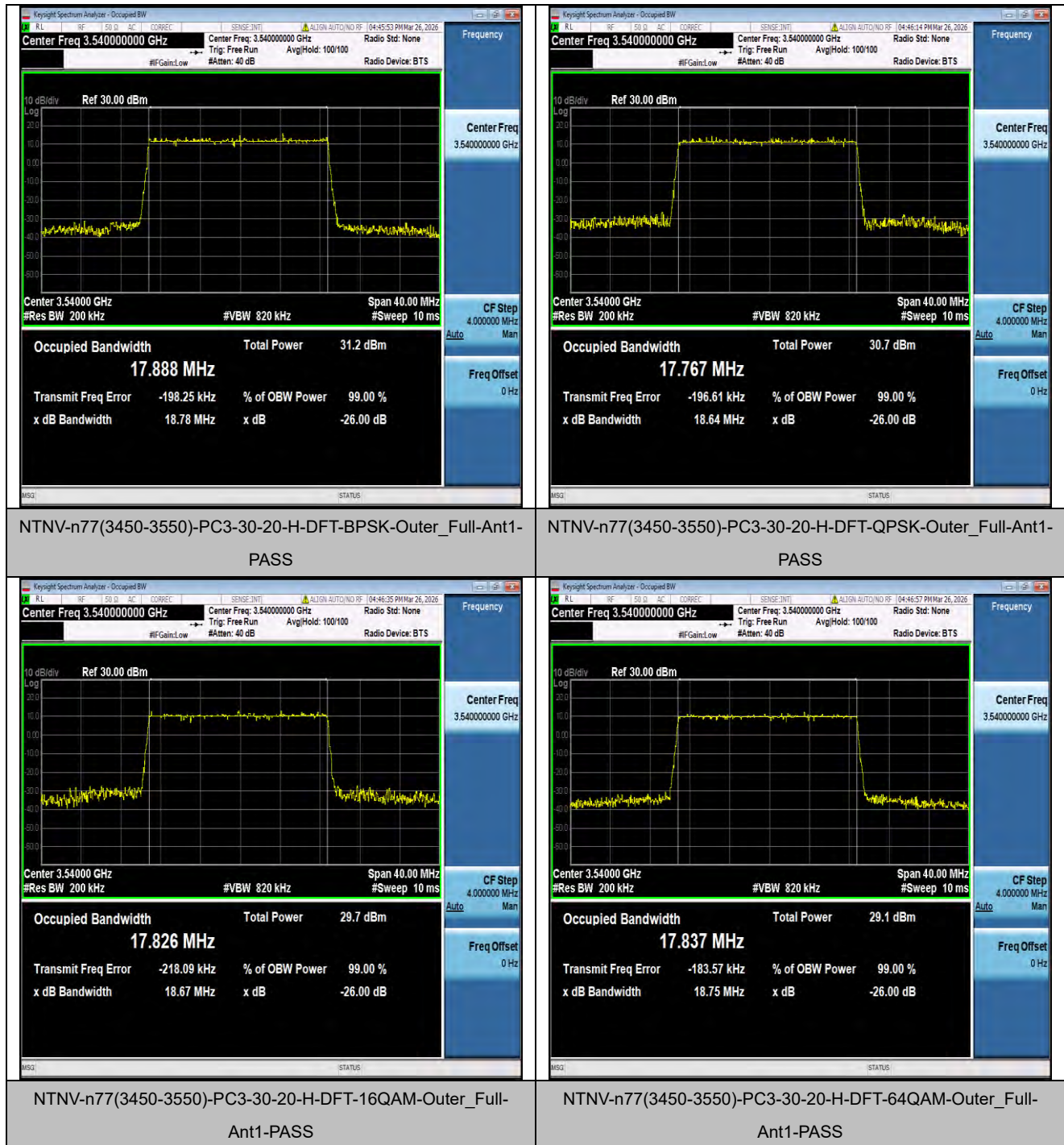


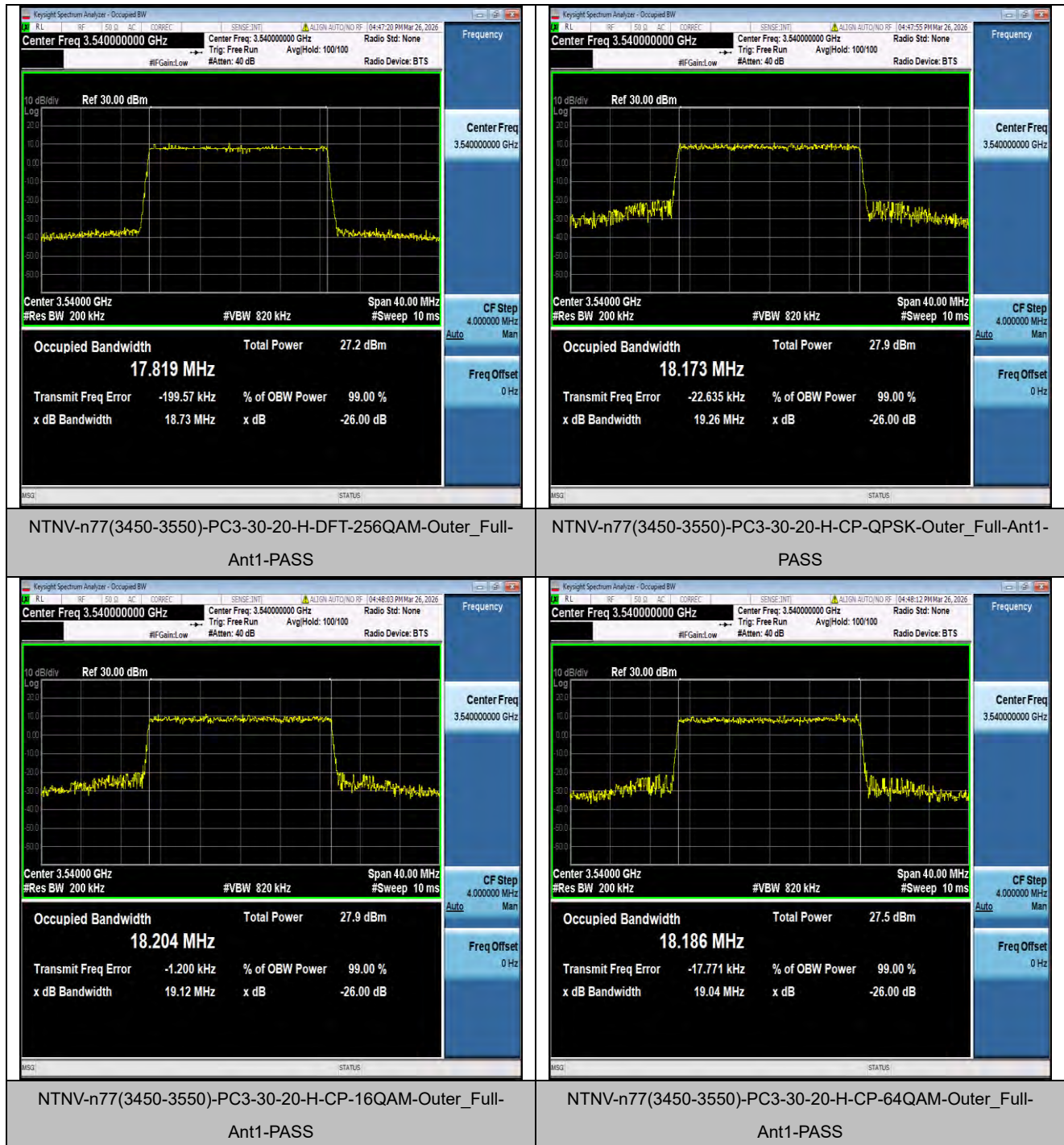


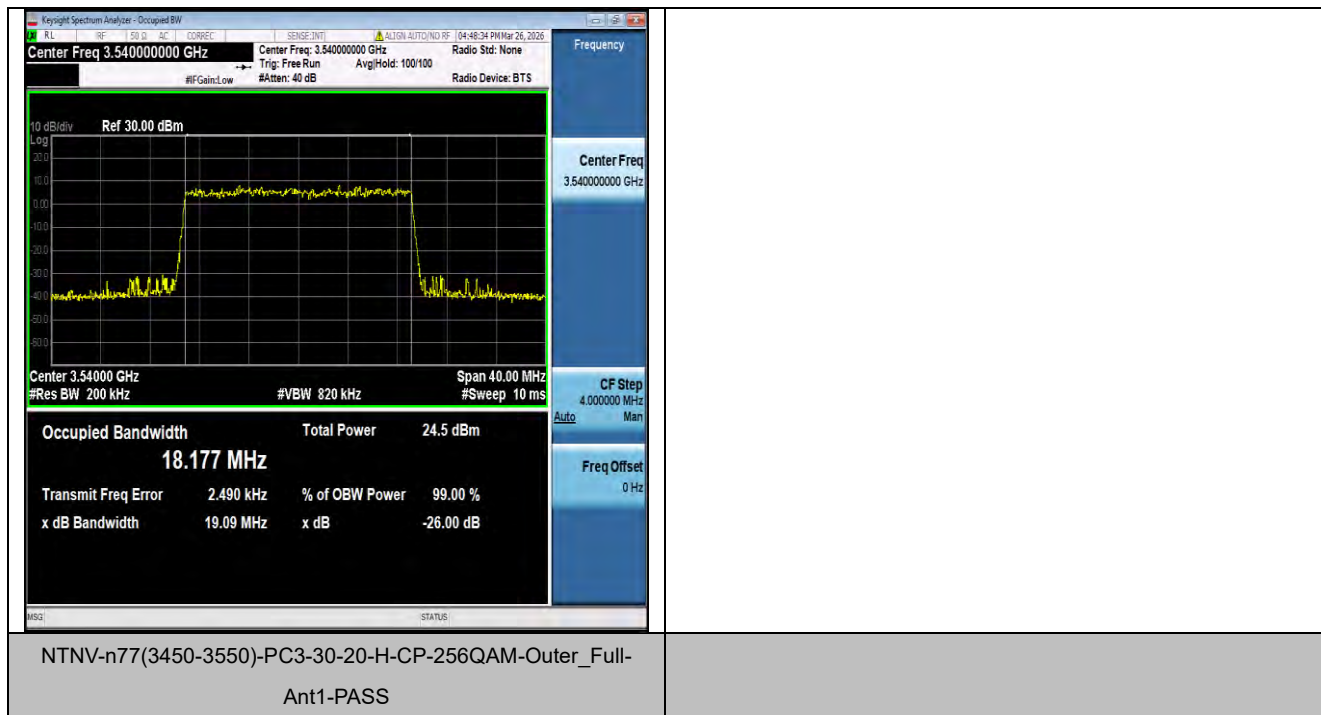






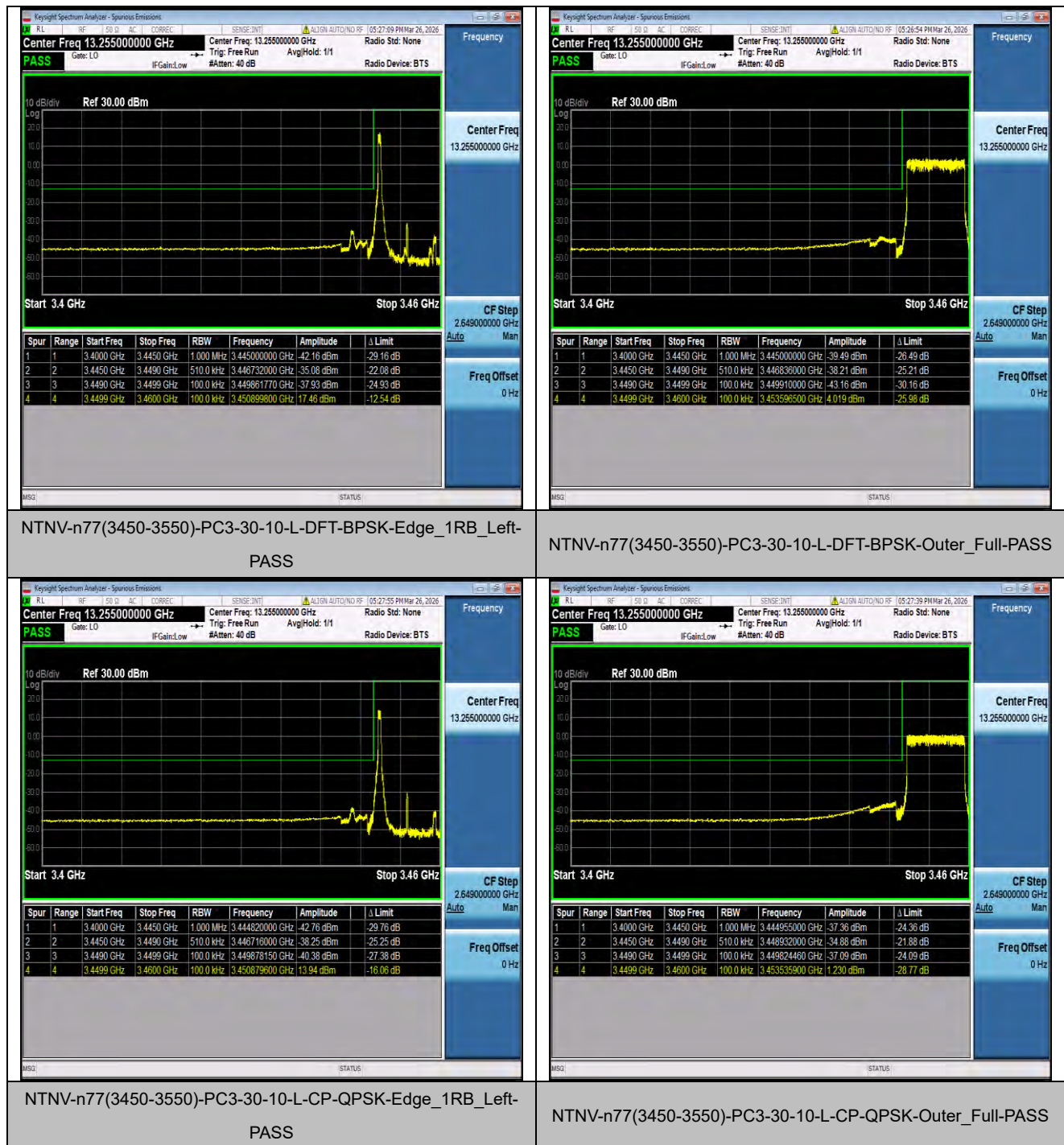


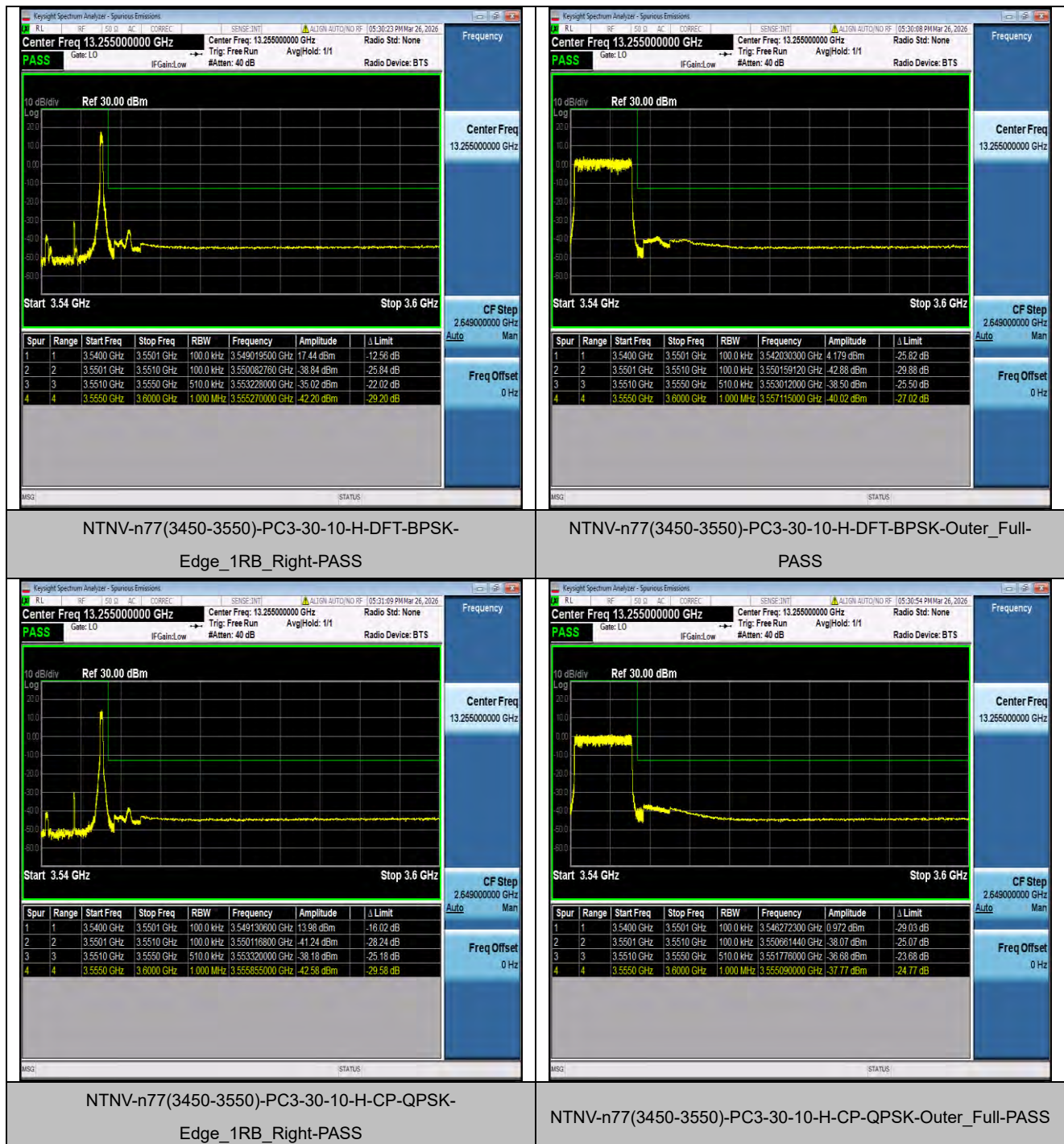


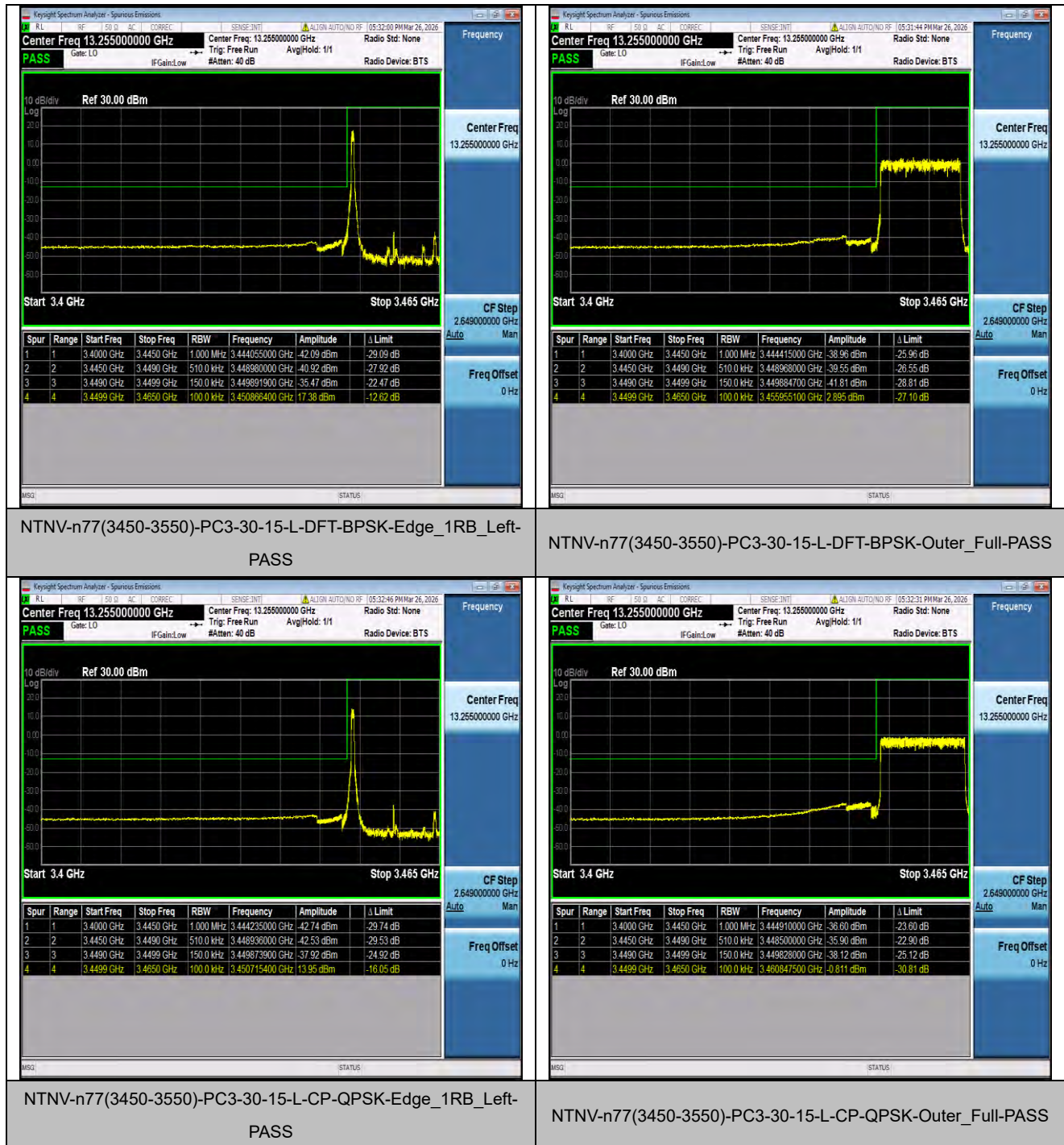


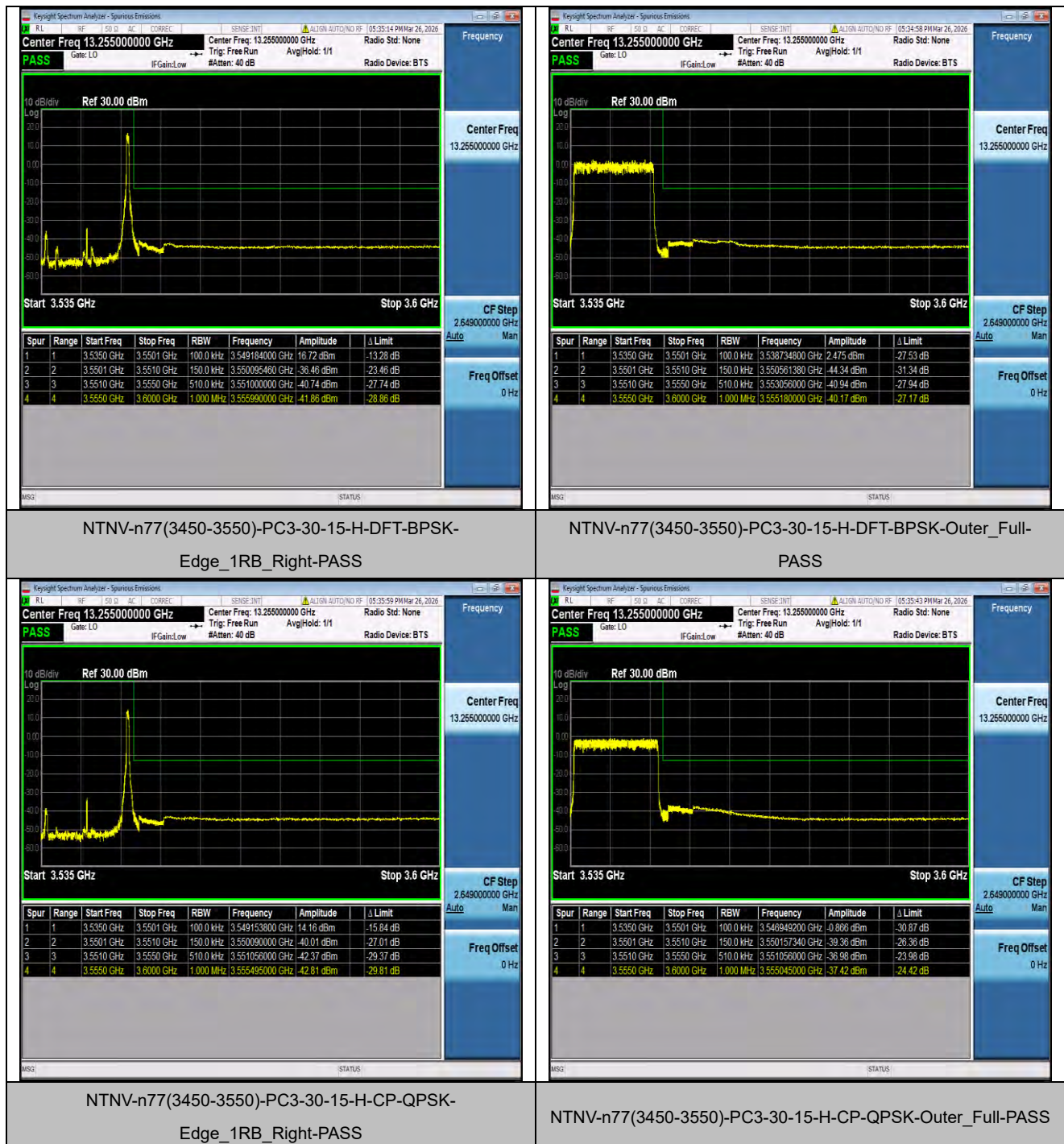
Band Edge for SA

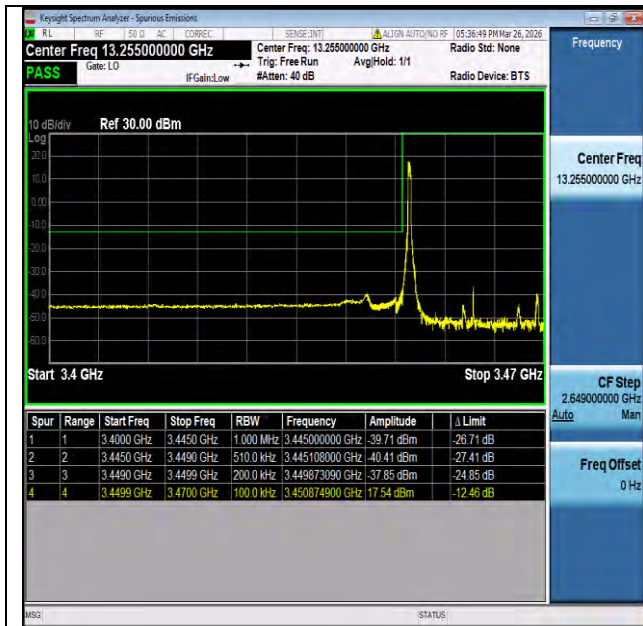
Test Graphs



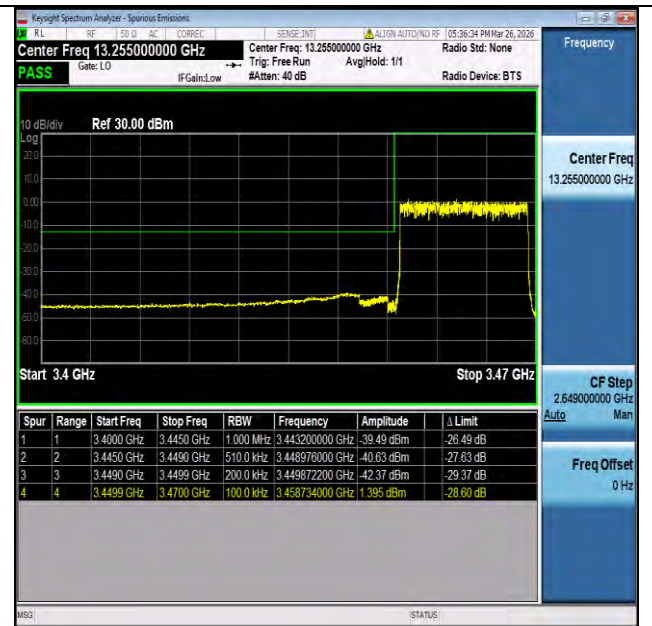




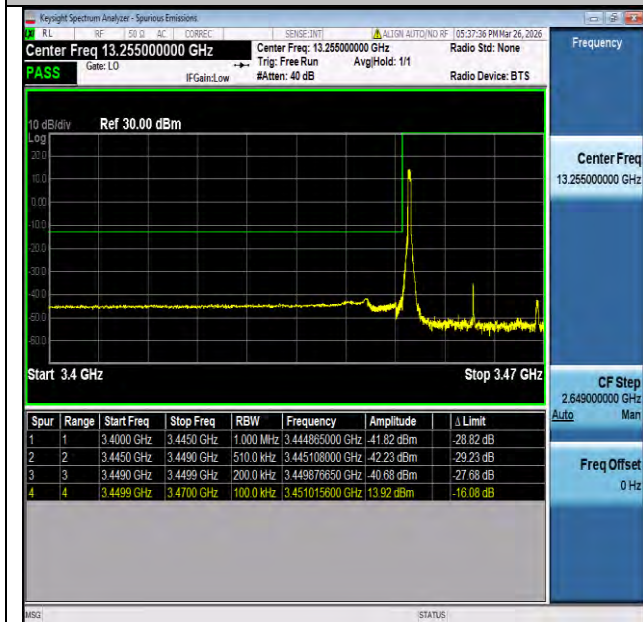




NTNV-n77(3450-3550)-PC3-30-20-L-DFT-BPSK-Edge_1RB_Left-PASS



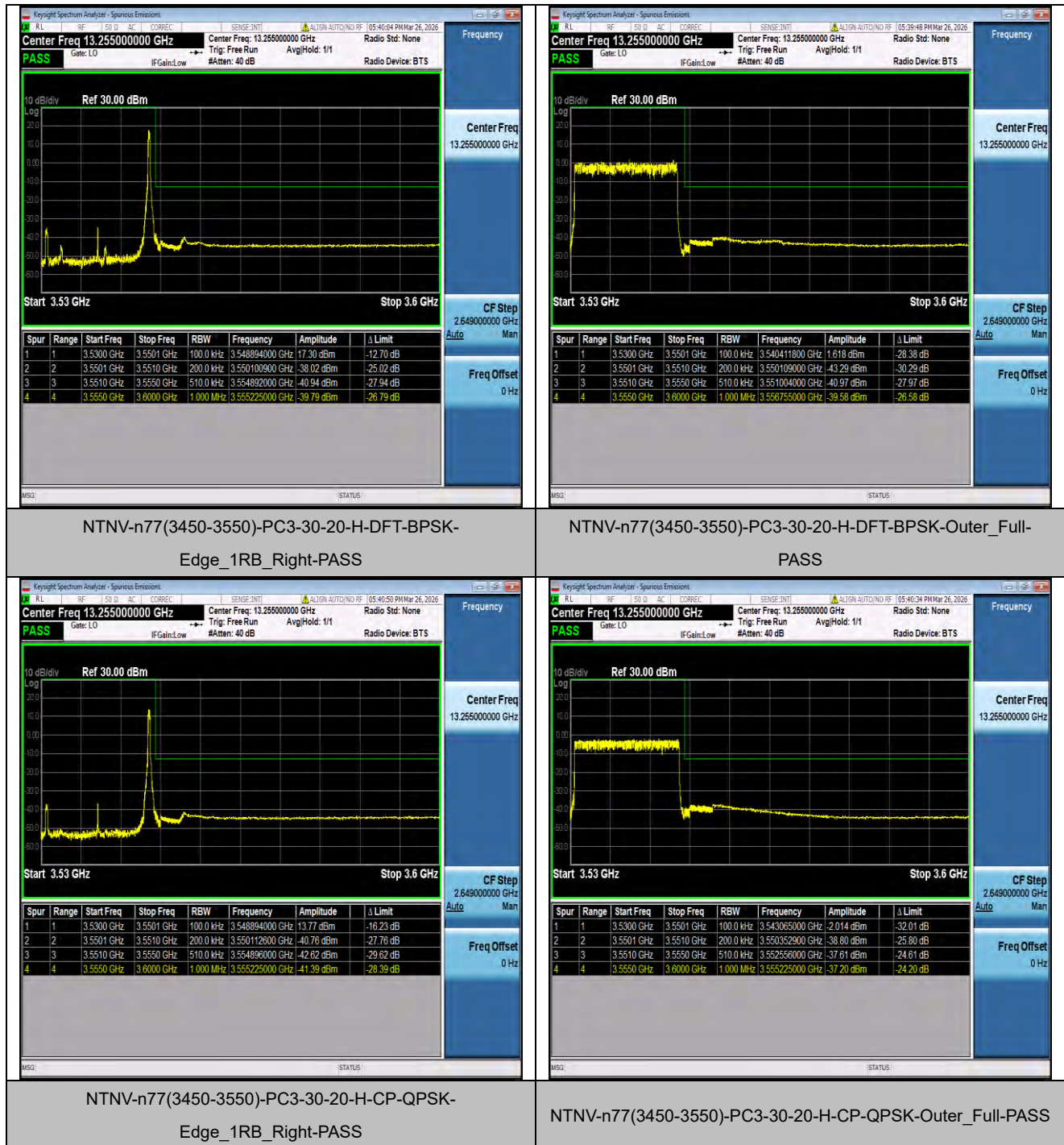
NTNV-n77(3450-3550)-PC3-30-20-L-DFT-BPSK-Outer_Full-PASS



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

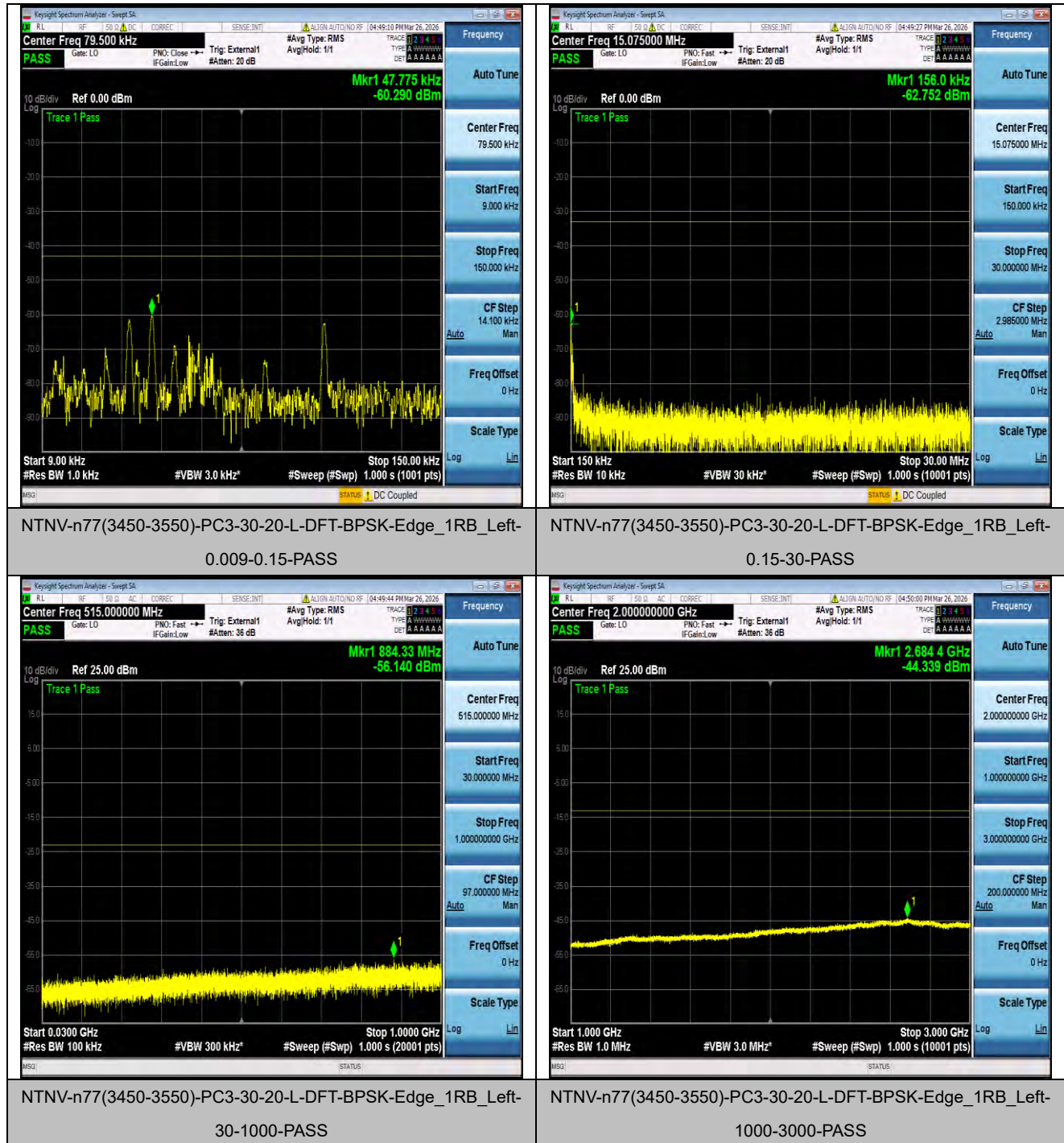


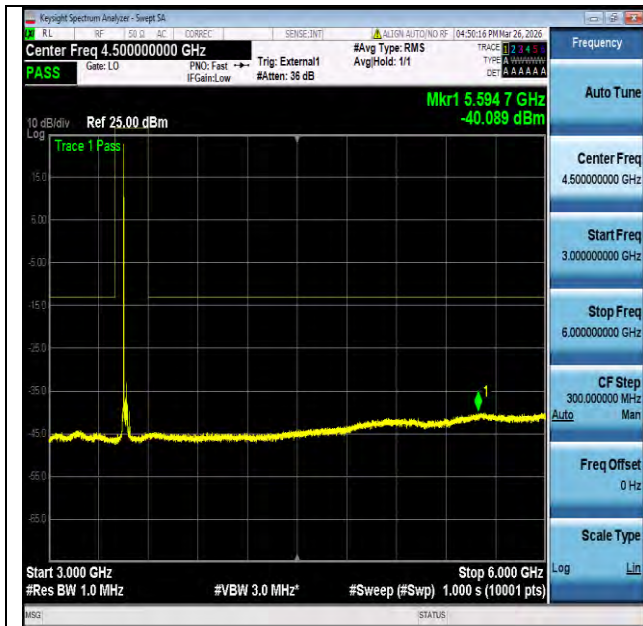
NTNV-n77(3450-3550)-PC3-30-20-L-CP-QPSK-Outer_Full-PASS



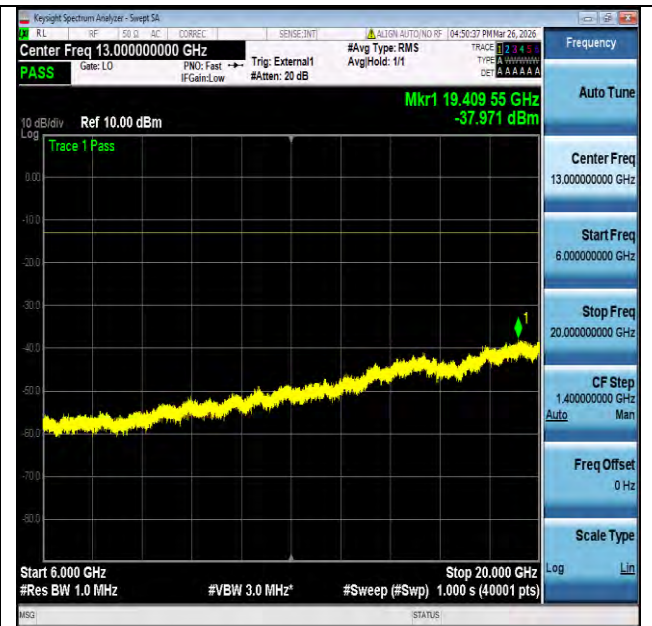
Conducted Spurious Emission for SA

Test Graphs





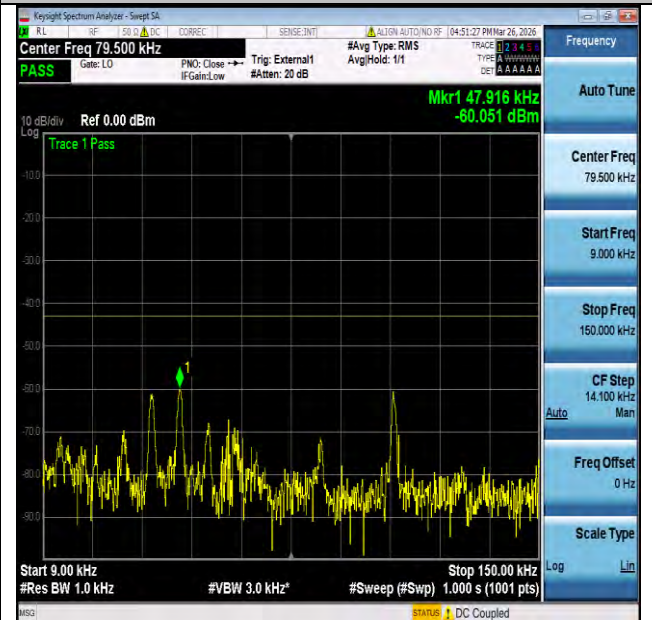
NTNV-n77(3450-3550)-PC3-30-20-L-DFT-BPSK-Edge_1RB_Left-
3000-6000-PASS



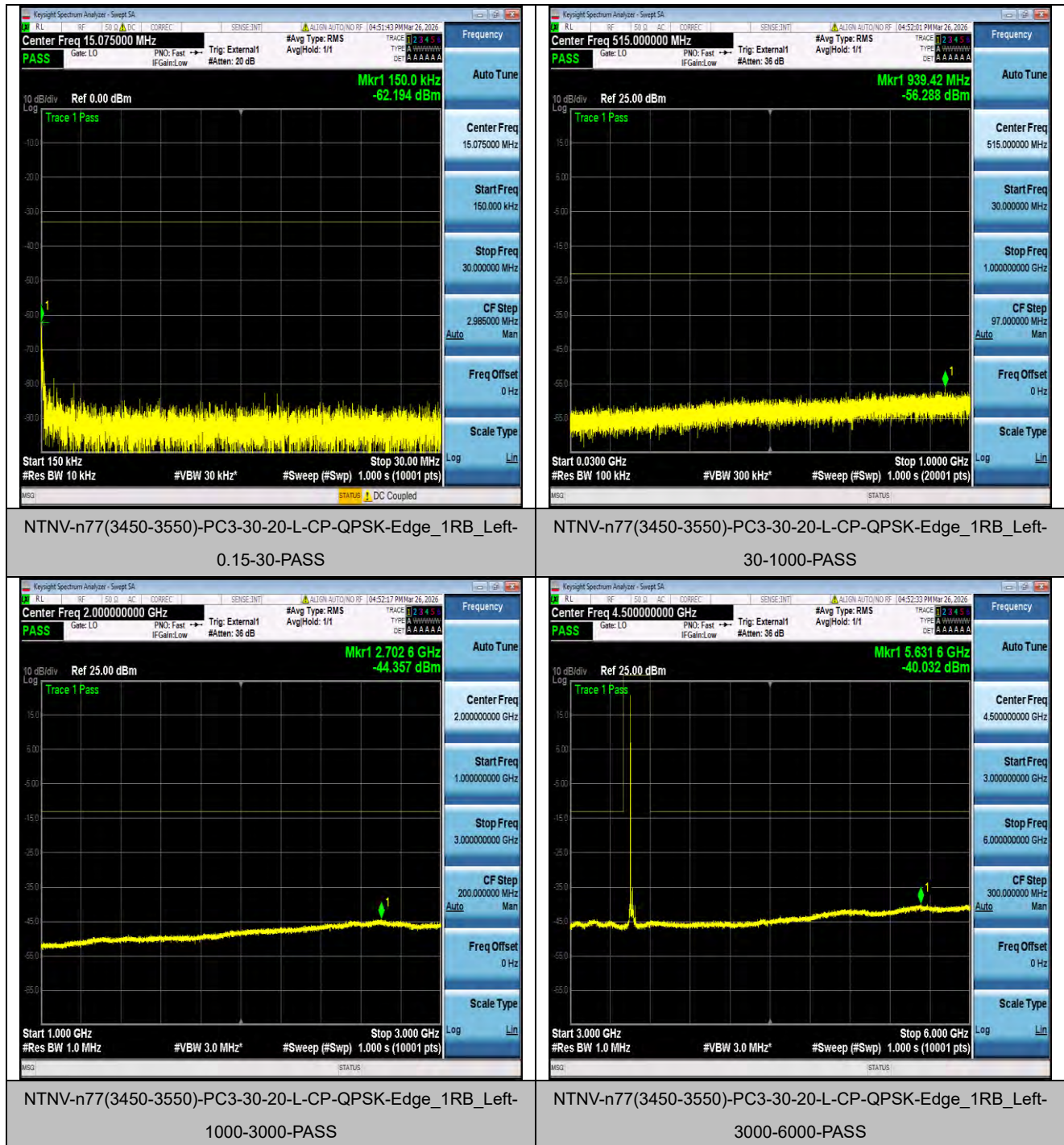
NTNV-n77(3450-3550)-PC3-30-20-L-DFT-BPSK-Edge_1RB_Left-
6000-20000-PASS

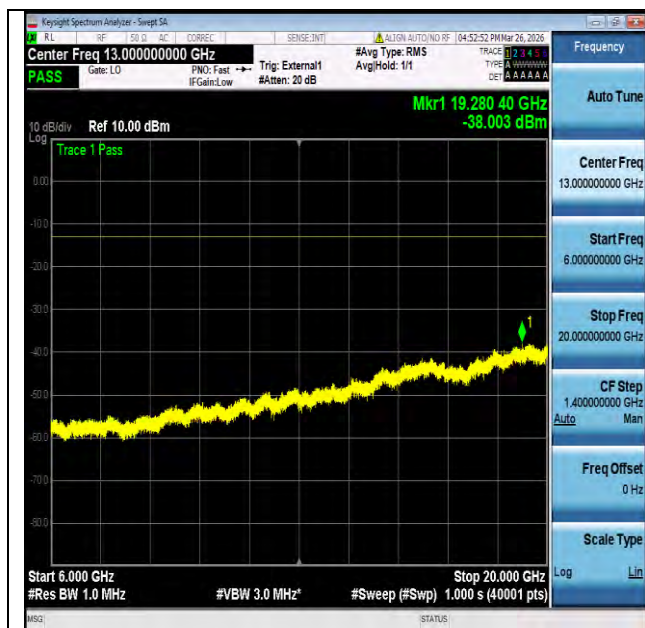
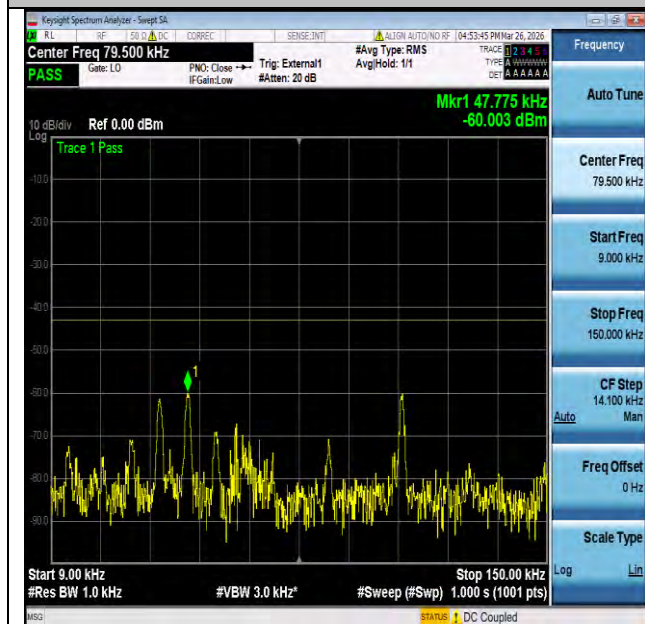
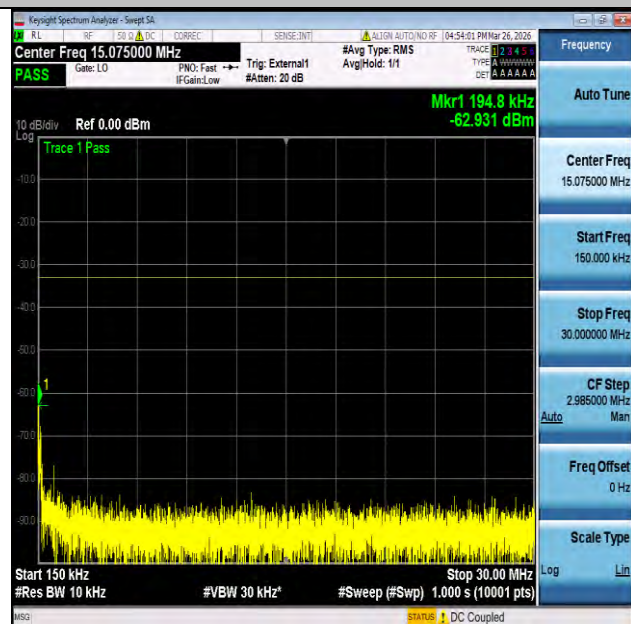


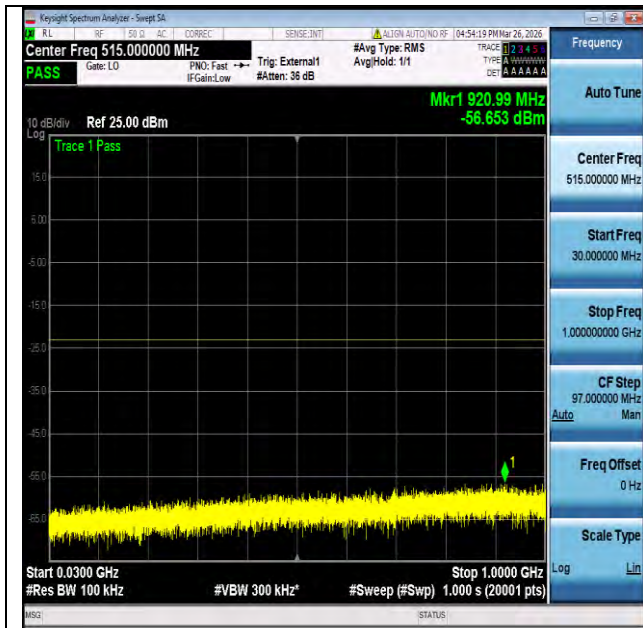
NTNV-n77(3450-3550)-PC3-30-20-L-DFT-BPSK-Edge_1RB_Left-
20000-40000-PASS



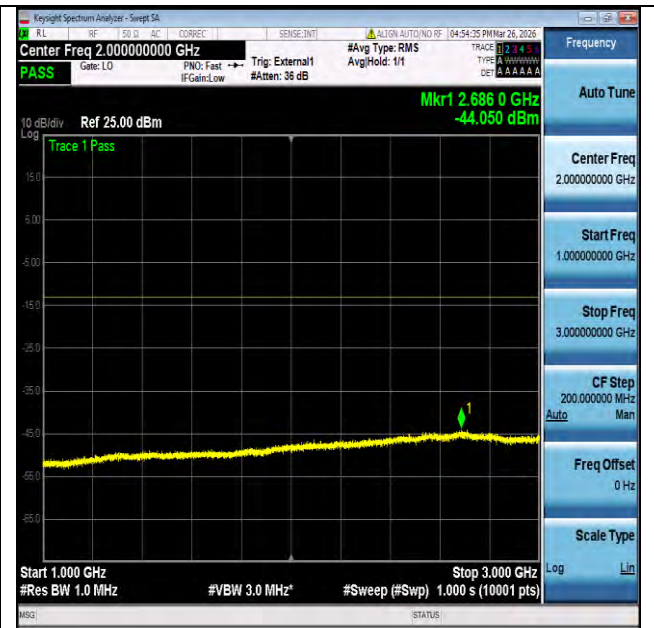
NTNV-n77(3450-3550)-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-
0.009-0.15-PASS



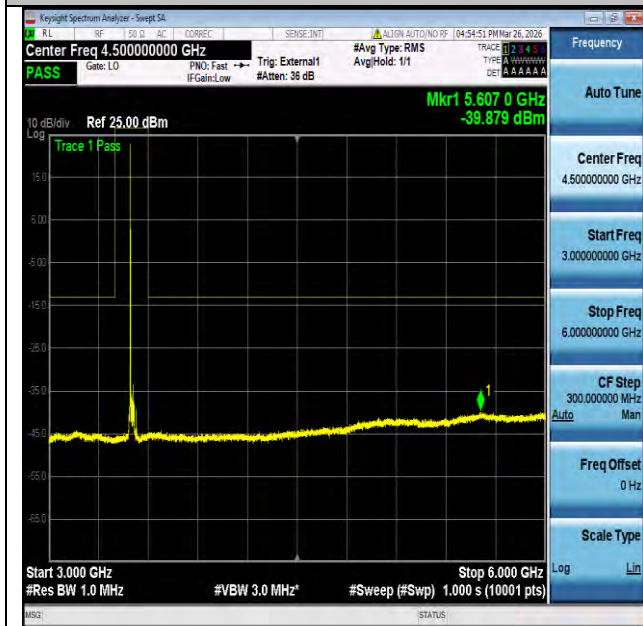
NTNV-n77(3450-3550)-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-
6000-20000-PASSNTNV-n77(3450-3550)-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-
20000-40000-PASSNTNV-n77(3450-3550)-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-
0.009-0.15-PASSNTNV-n77(3450-3550)-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-
0.15-30-PASS



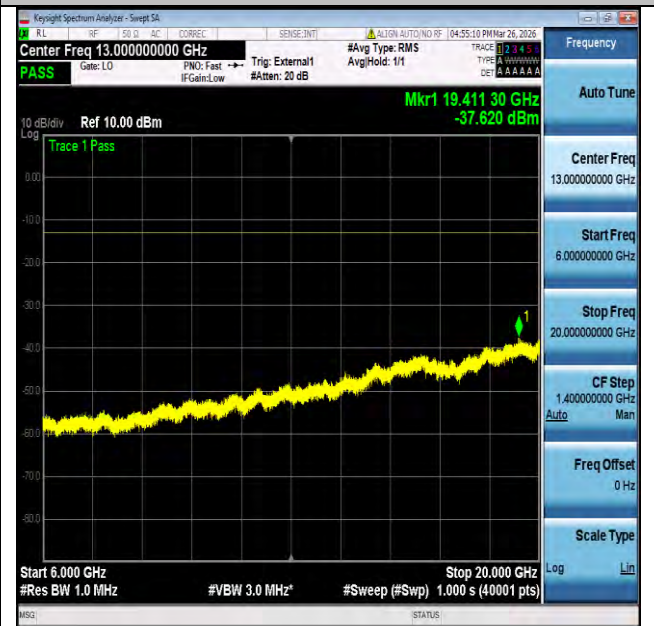
NTNV-n77(3450-3550)-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-30-1000-PASS



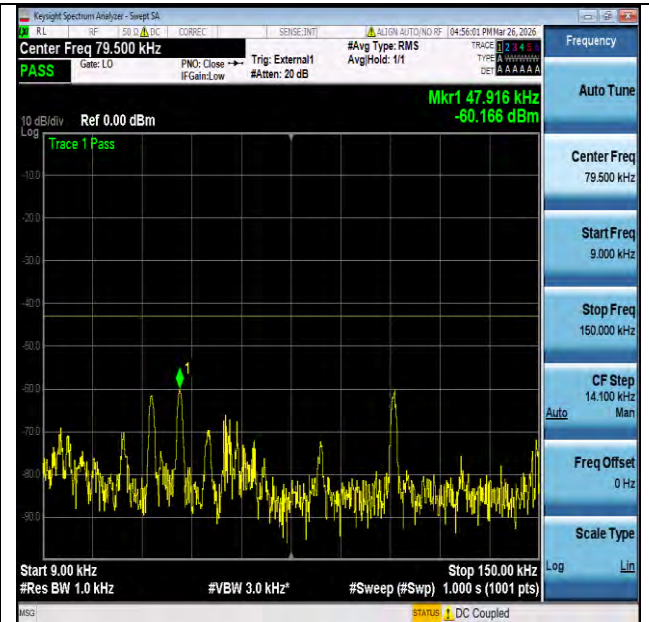
NTNV-n77(3450-3550)-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-1000-3000-PASS



NTNV-n77(3450-3550)-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-3000-6000-PASS

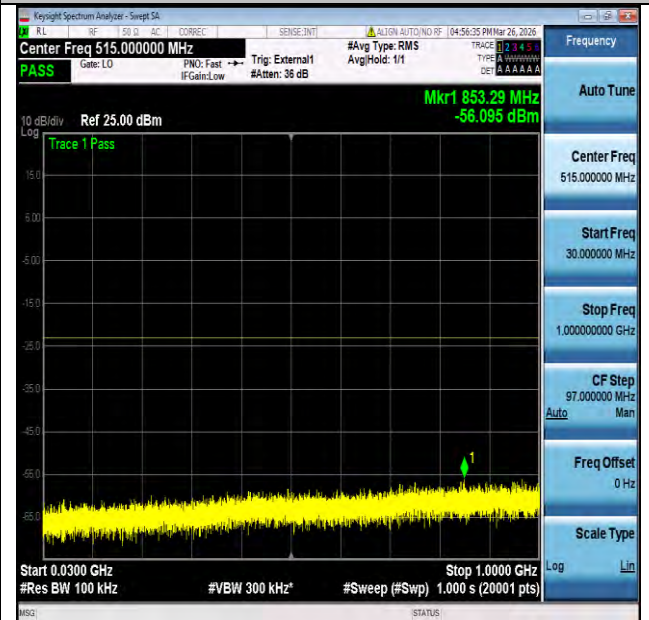
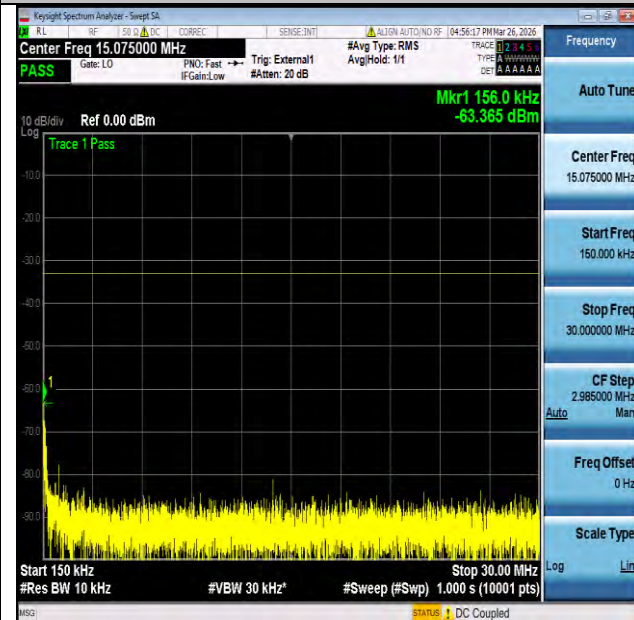


NTNV-n77(3450-3550)-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-6000-20000-PASS



NTNV-n77(3450-3550)-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-
20000-40000-PASS

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



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

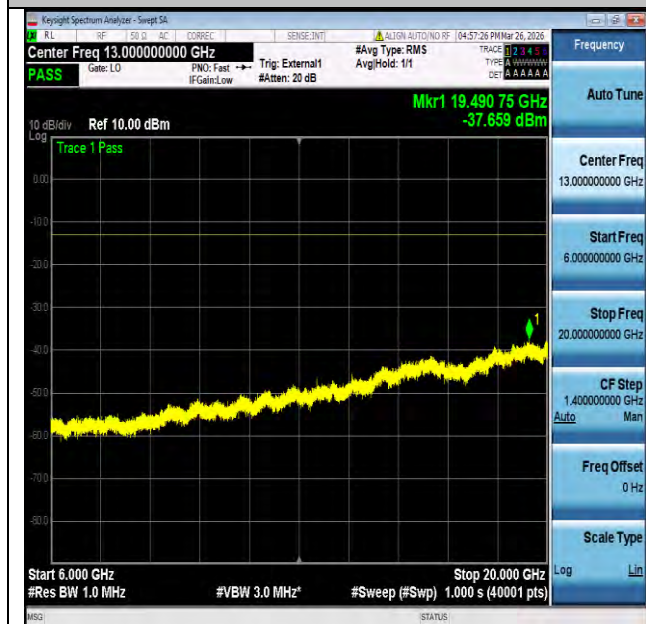
NTNV-n77(3450-3550)-PC3-30-20-M-CP-QPSK-Edge_1RB_Left-
30-1000-PASS



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



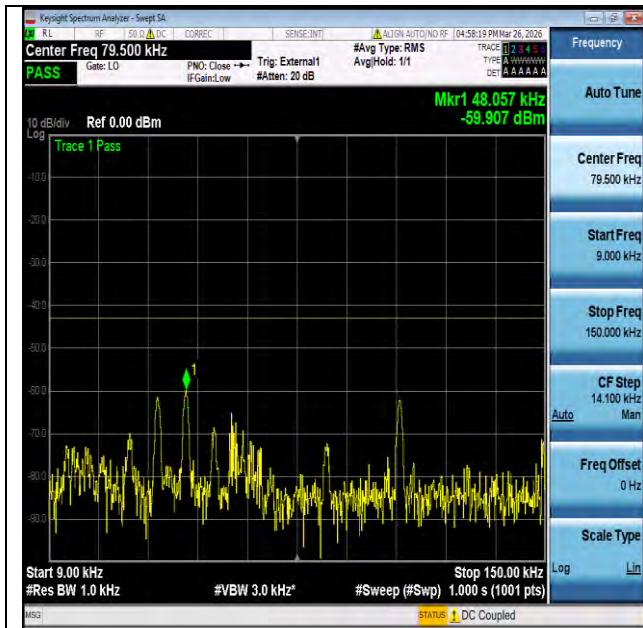
NTNV-n77(3450-3550)-PC3-30-20-M-CP-QPSK-Edge_1RB_Left-
3000-6000-PASS



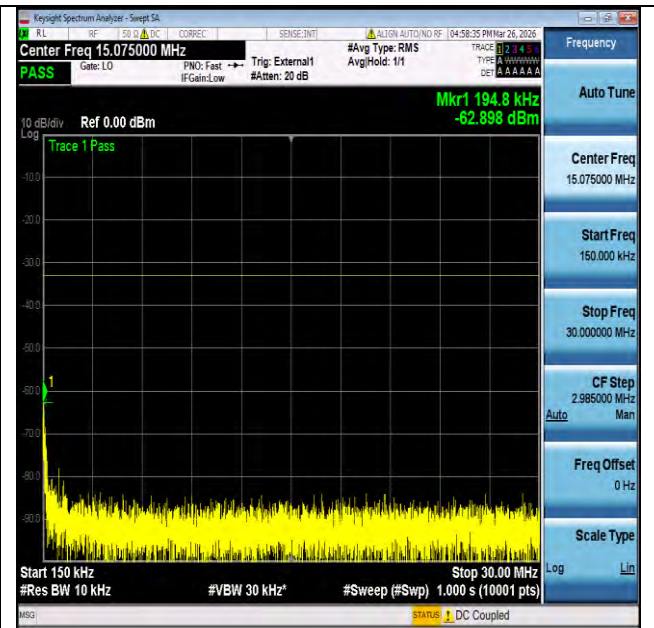
NTNV-n77(3450-3550)-PC3-30-20-M-CP-QPSK-Edge_1RB_Left-
6000-20000-PASS



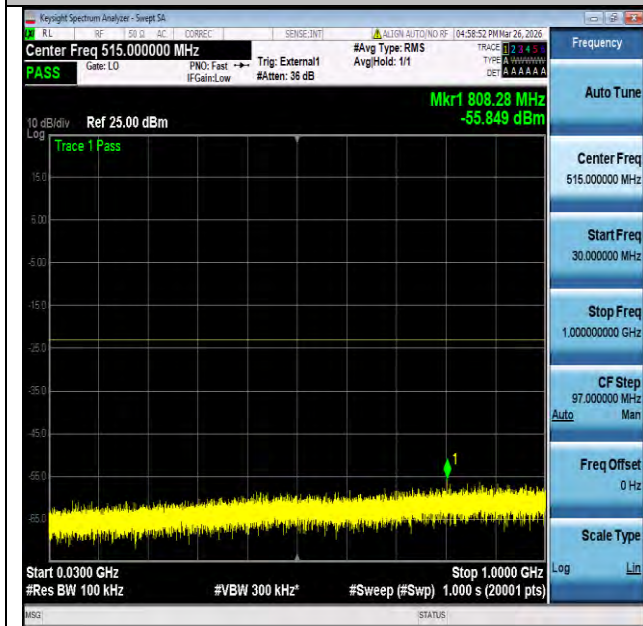
NTNV-n77(3450-3550)-PC3-30-20-M-CP-QPSK-Edge_1RB_Left-
20000-40000-PASS



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



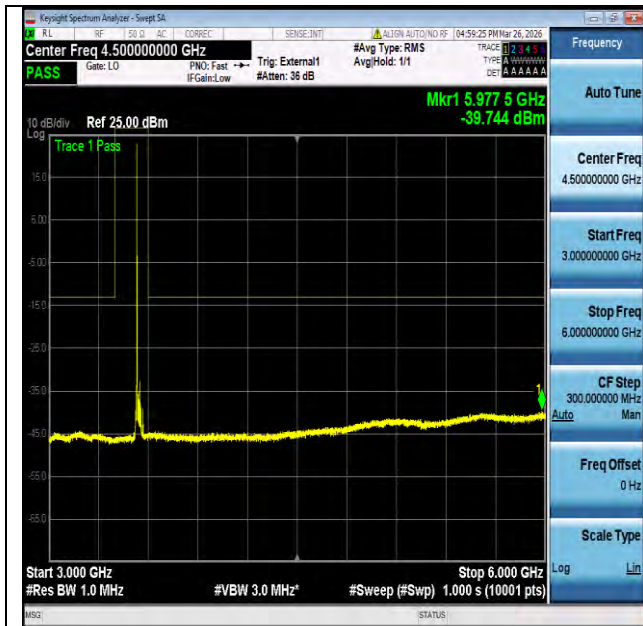
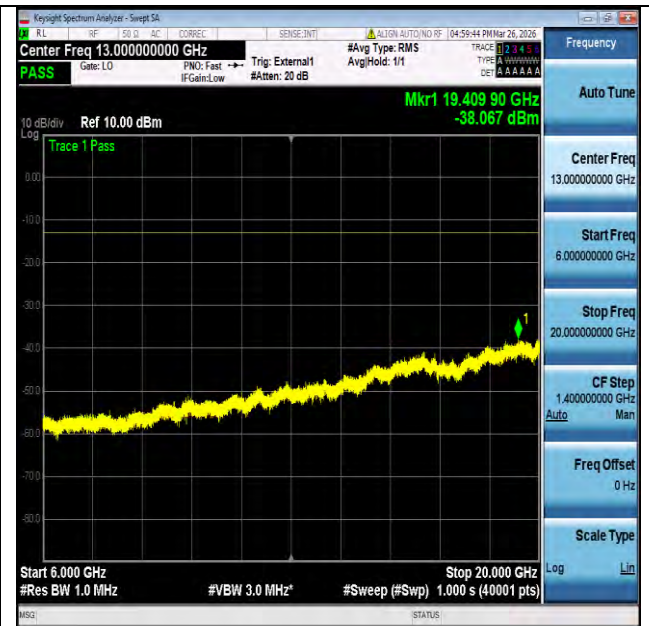
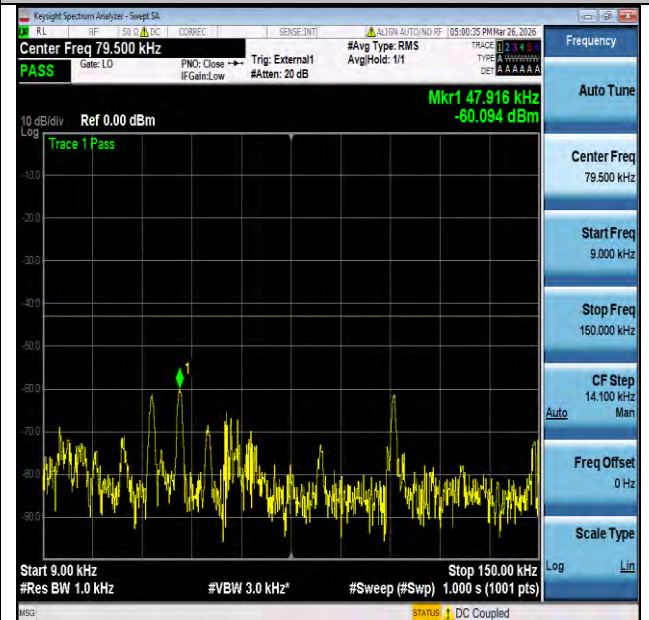
NTNV-n77(3450-3550)-PC3-30-20-H-DFT-BPSK-Edge_1RB_Left-
0.15-30-PASS

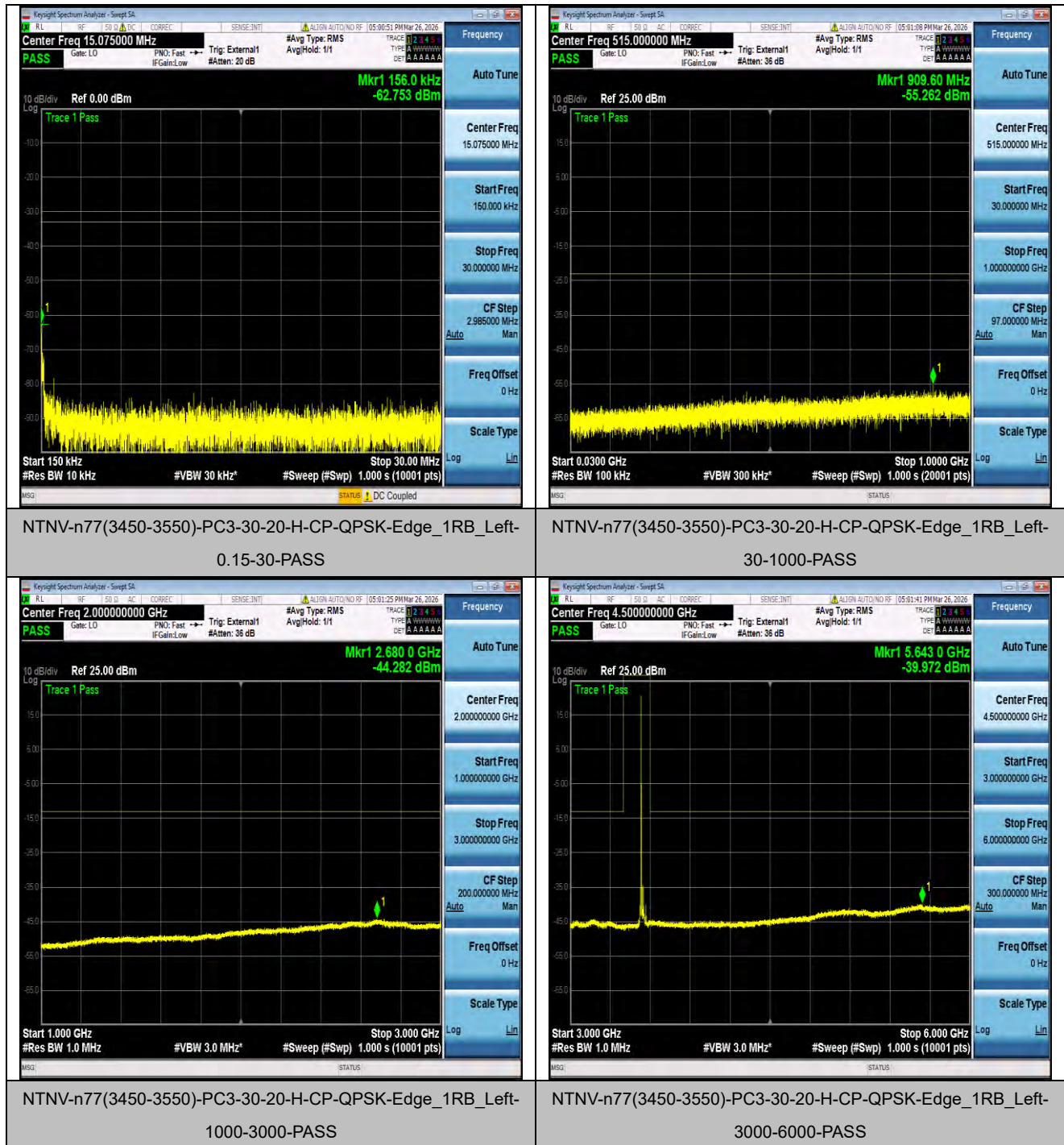


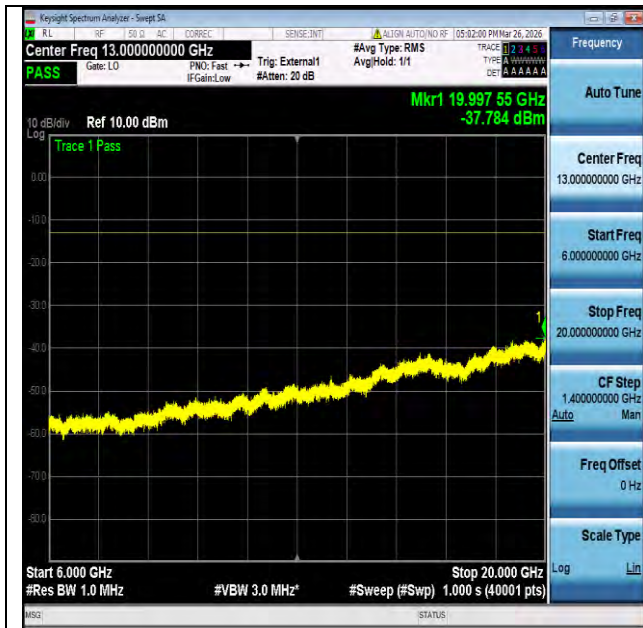
NTNV-n77(3450-3550)-PC3-30-20-H-DFT-BPSK-Edge_1RB_Left-
30-1000-PASS



NTNV-n77(3450-3550)-PC3-30-20-H-DFT-BPSK-Edge_1RB_Left-
1000-3000-PASS

NTNV-n77(3450-3550)-PC3-30-20-H-DFT-BPSK-Edge_1RB_Left-
3000-6000-PASSNTNV-n77(3450-3550)-PC3-30-20-H-DFT-BPSK-Edge_1RB_Left-
6000-20000-PASSNTNV-n77(3450-3550)-PC3-30-20-H-DFT-BPSK-Edge_1RB_Left-
20000-40000-PASSNTNV-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-
6000-20000-PASS



NTNV-n77(3450-3550)-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-
20000-40000-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	-3.1	-0.000886	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	VN	NT	-3.1	-0.000886	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	VH	NT	-3.5	-0.001	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	VL	NT	-5.3	-0.001514	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	VN	NT	-1.8	-0.000514	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	VH	NT	-1.8	-0.000514	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	-3.9	-0.001114	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	NV	-20	-3.2	-0.000914	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	NV	-10	-6.4	-0.001829	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	NV	0	-3.2	-0.000914	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	NV	10	-3	-0.000857	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	NV	20	-7.6	-0.002171	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	NV	30	-4.3	-0.001229	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	NV	40	-1.3	-0.000371	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	NV	50	-2	-0.000571	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	NV	-30	-4.2	-0.0012	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	NV	-20	-3	-0.000857	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	NV	-10	-4.6	-0.001314	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	NV	0	-4.2	-0.0012	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	NV	10	-1.9	-0.000543	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	NV	20	-2.8	-0.0008	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	NV	30	-6.4	-0.001829	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	NV	40	-3.3	-0.000943	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	NV	50	-1.7	-0.000486	PASS

~The End~