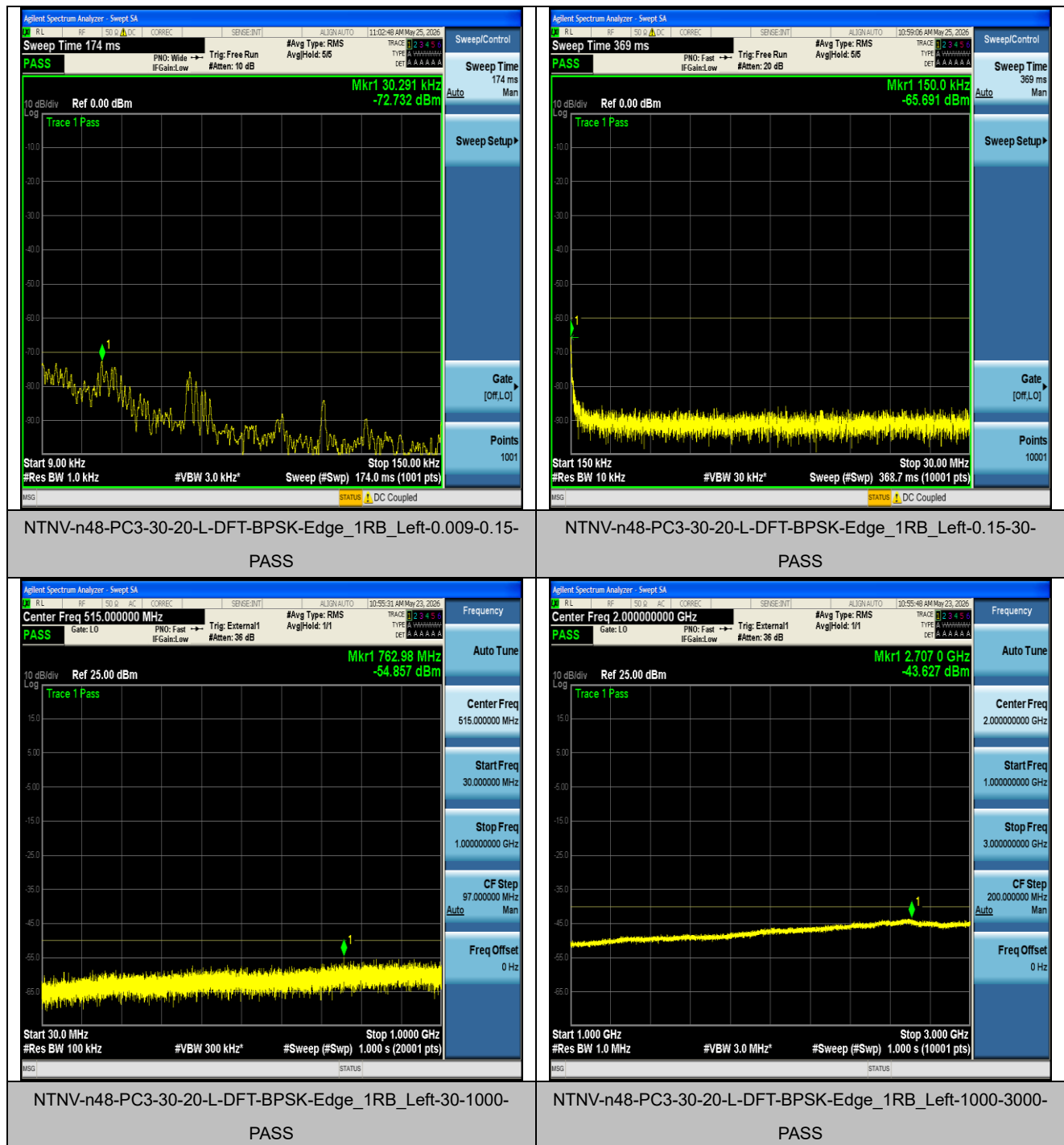
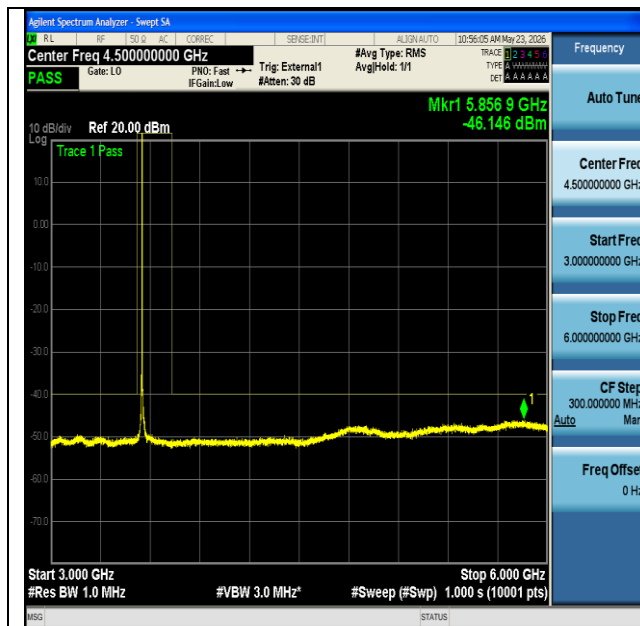


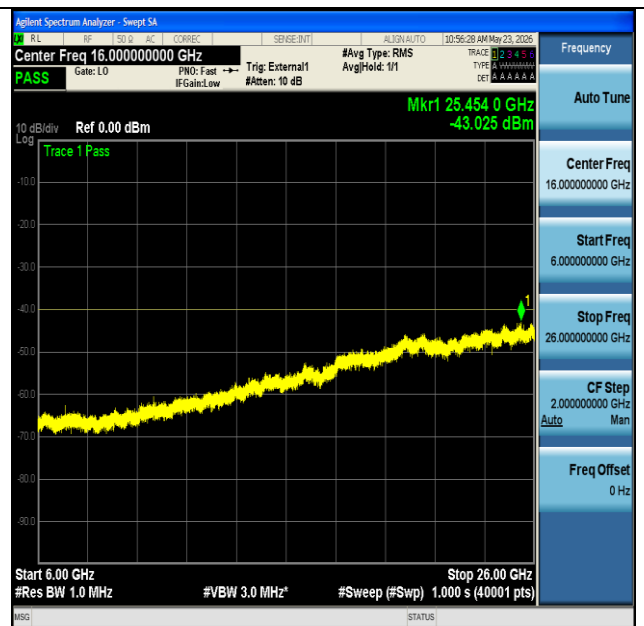
Conducted Spurious Emission for SA

Test Graphs





NTNV-n48-PC3-30-20-L-DFT-BPSK-Edge_1RB_Left-3000-6000-
PASS



NTNV-n48-PC3-30-20-L-DFT-BPSK-Edge_1RB_Left-6000-26000-
PASS



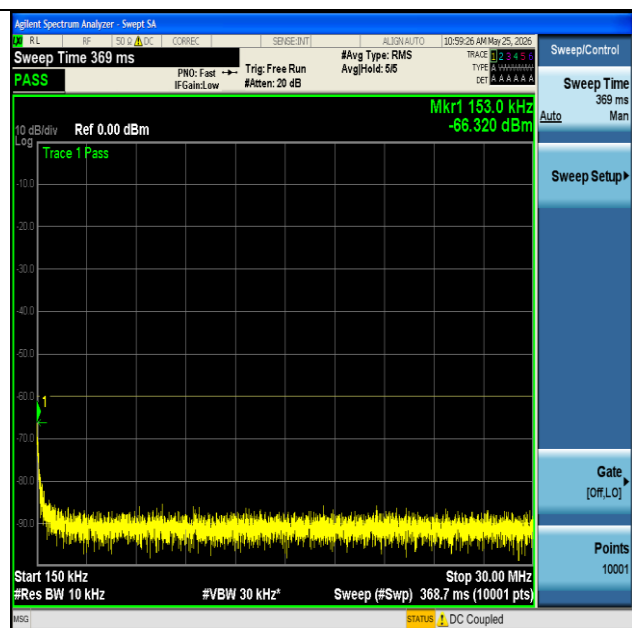
NTNV-n48-PC3-30-20-L-DFT-BPSK-Edge_1RB_Left-26000-
27000-PASS



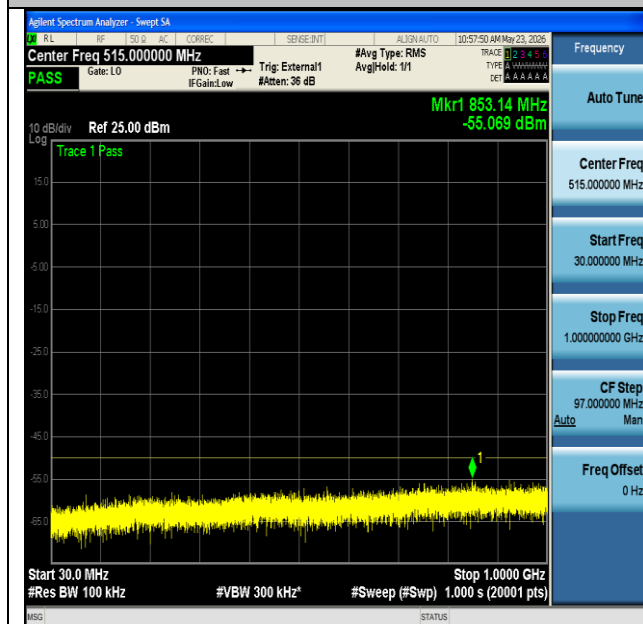
NTNV-n48-PC3-30-20-L-DFT-BPSK-Edge_1RB_Left-27000-
40000-PASS



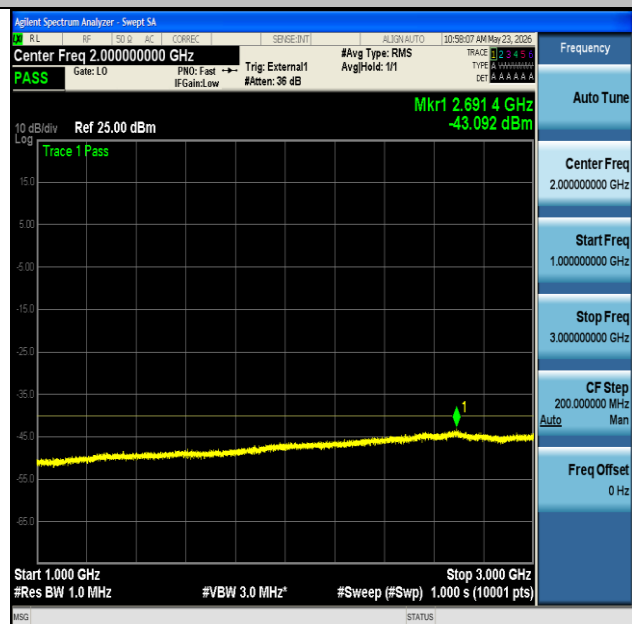
NTNV-n48-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-0.009-0.15-
PASS



NTNV-n48-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-0.15-30-
PASS



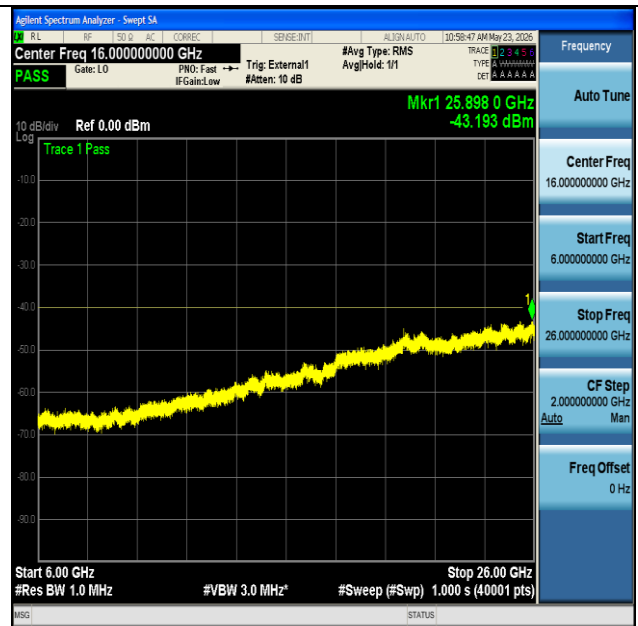
NTNV-n48-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-30-1000-
PASS



NTNV-n48-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-1000-3000-
PASS



NTNV-n48-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-3000-6000-PASS



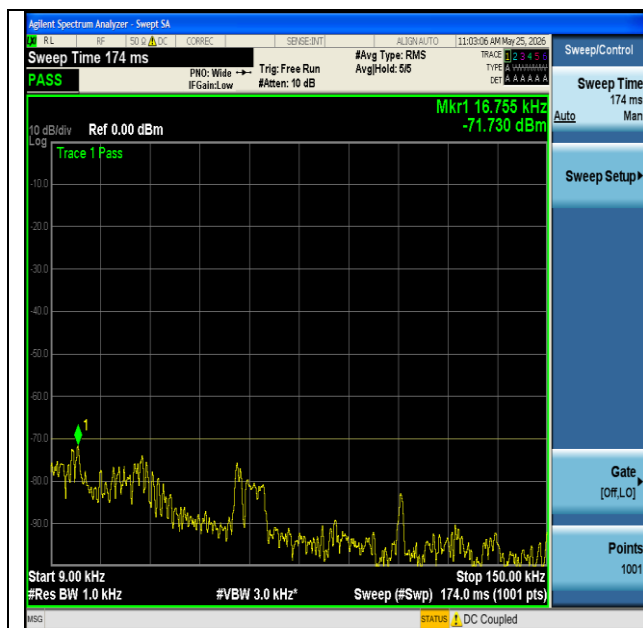
NTNV-n48-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-6000-26000-PASS



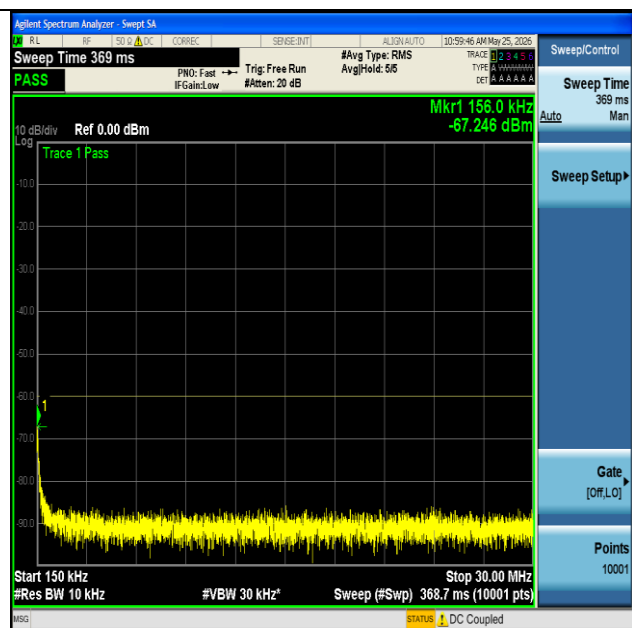
NTNV-n48-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-26000-27000-PASS



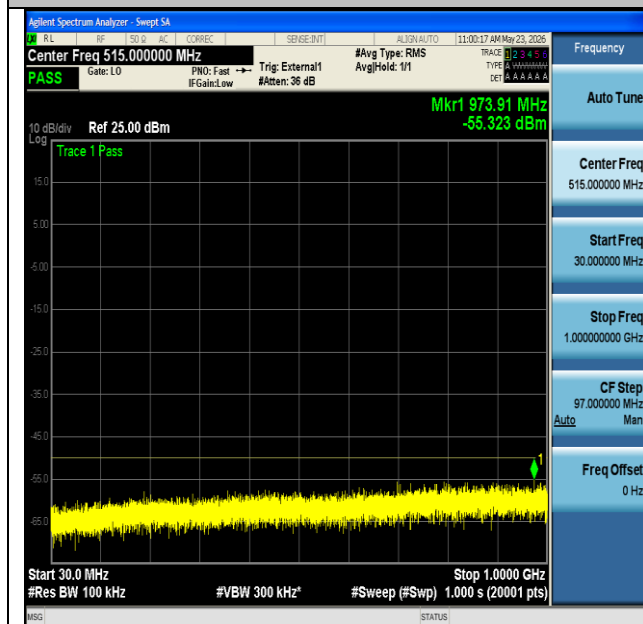
NTNV-n48-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-27000-40000-PASS



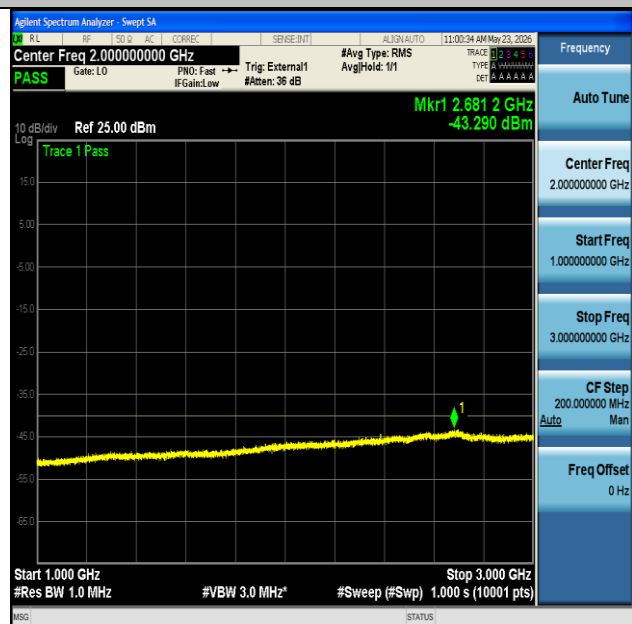
NTNV-n48-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-0.009-0.15-
PASS



NTNV-n48-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-0.15-30-
PASS



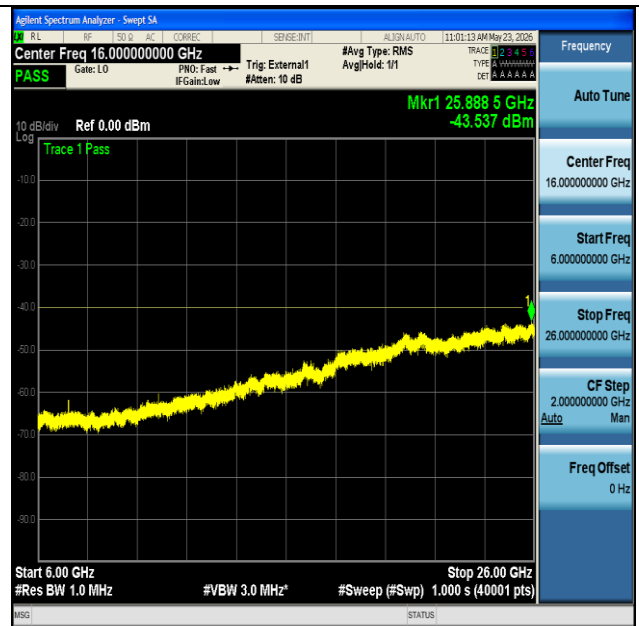
NTNV-n48-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-30-1000-
PASS



NTNV-n48-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-1000-3000-
PASS



NTNV-n48-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-3000-6000-
PASS



NTNV-n48-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-6000-
26000-PASS



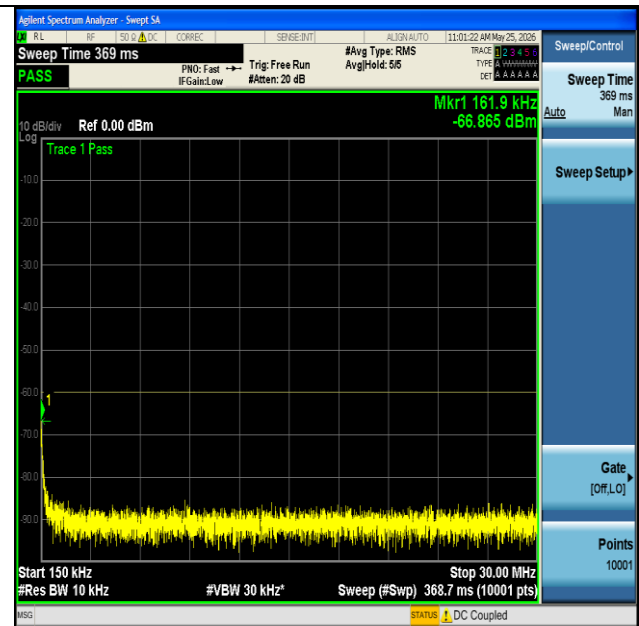
NTNV-n48-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-26000-
27000-PASS



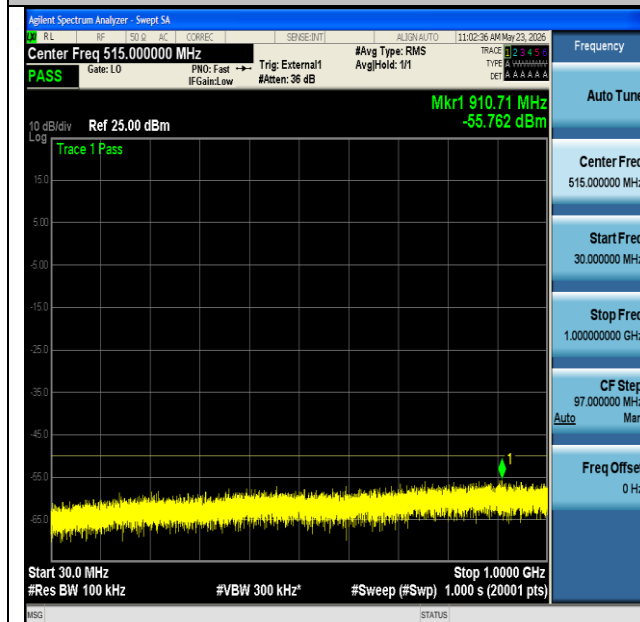
NTNV-n48-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-27000-
40000-PASS



NTNV-n48-PC3-30-20-M-CP-QPSK-Edge_1RB_Left-0.009-0.15-
PASS



NTNV-n48-PC3-30-20-M-CP-QPSK-Edge_1RB_Left-0.15-30-
PASS



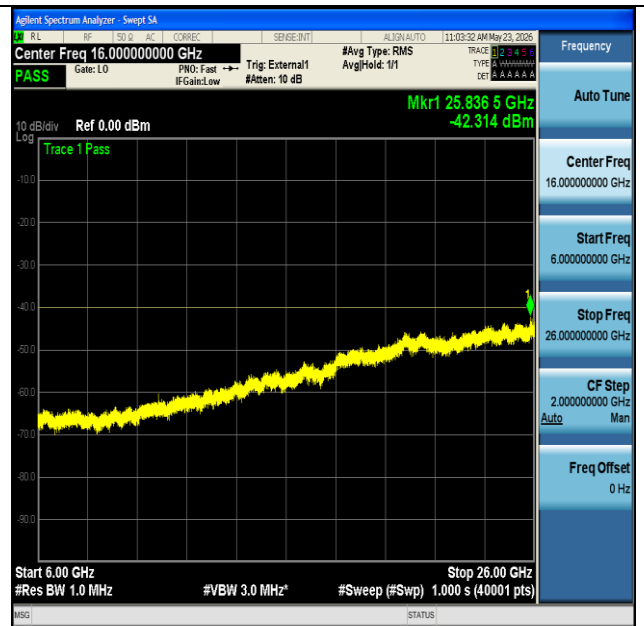
NTNV-n48-PC3-30-20-M-CP-QPSK-Edge_1RB_Left-30-1000-
PASS



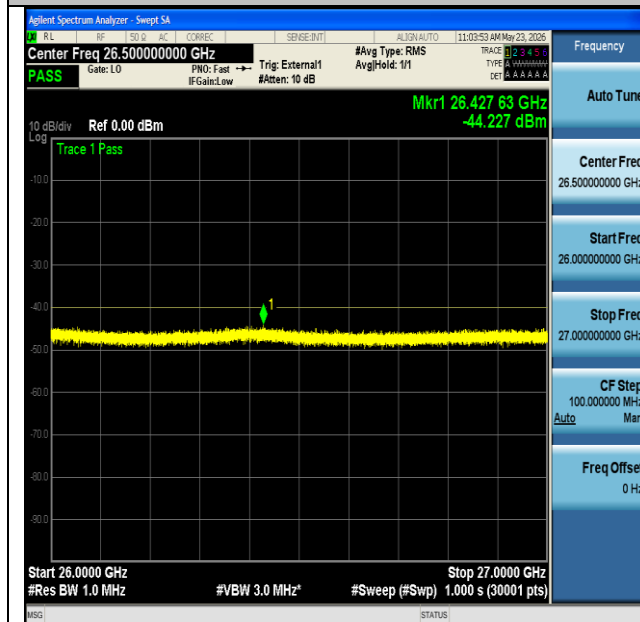
NTNV-n48-PC3-30-20-M-CP-QPSK-Edge_1RB_Left-1000-3000-
PASS



NTNV-n48-PC3-30-20-M-CP-QPSK-Edge_1RB_Left-3000-6000-
PASS



NTNV-n48-PC3-30-20-M-CP-QPSK-Edge_1RB_Left-6000-26000-
PASS



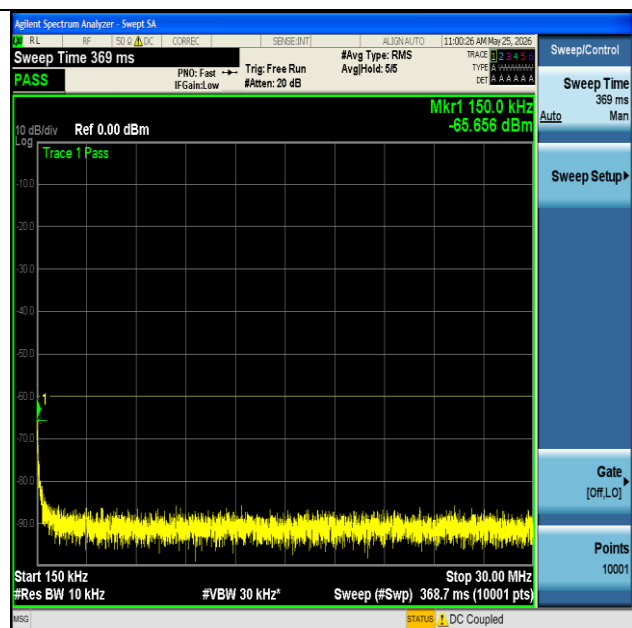
NTNV-n48-PC3-30-20-M-CP-QPSK-Edge_1RB_Left-26000-
27000-PASS



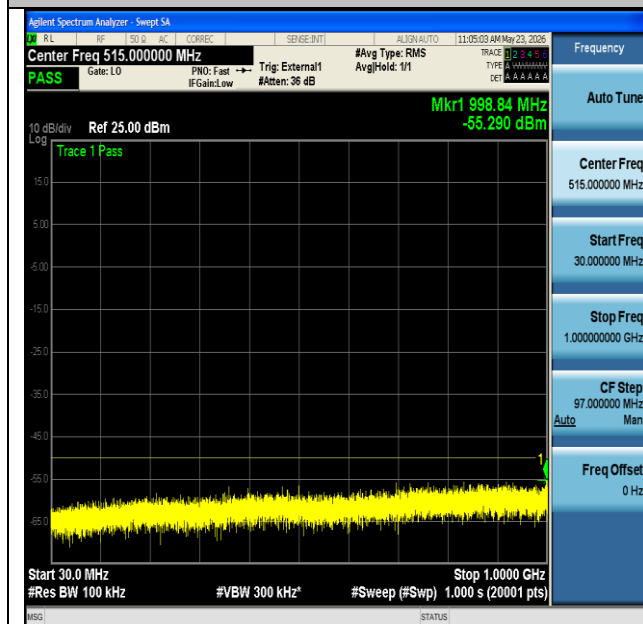
NTNV-n48-PC3-30-20-M-CP-QPSK-Edge_1RB_Left-27000-
40000-PASS



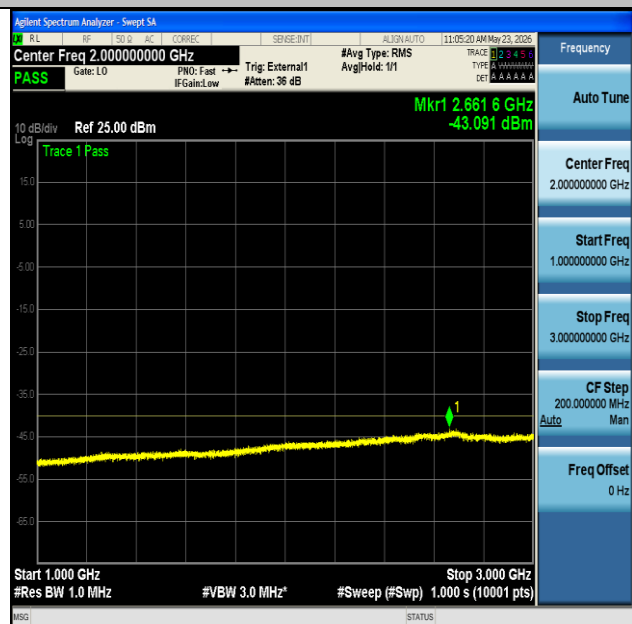
NTNV-n48-PC3-30-20-H-DFT-BPSK-Edge_1RB_Left-0.009-0.15-
PASS



NTNV-n48-PC3-30-20-H-DFT-BPSK-Edge_1RB_Left-0.15-30-
PASS



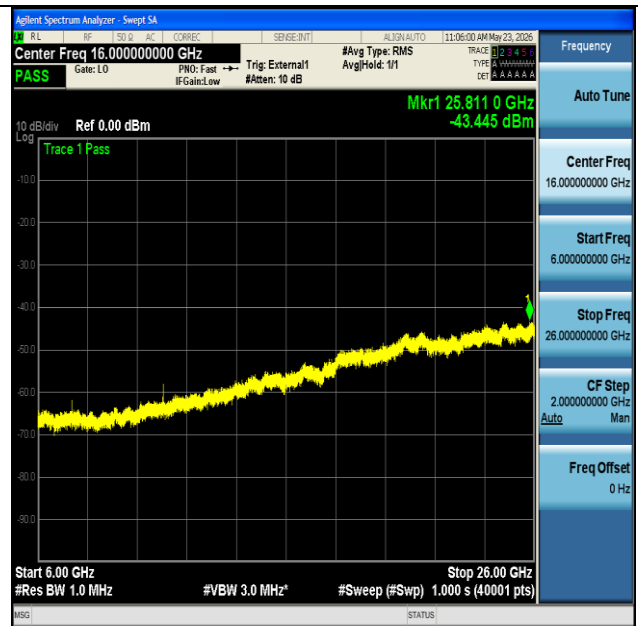
NTNV-n48-PC3-30-20-H-DFT-BPSK-Edge_1RB_Left-30-1000-
PASS



NTNV-n48-PC3-30-20-H-DFT-BPSK-Edge_1RB_Left-1000-3000-
PASS



NTNV-n48-PC3-30-20-H-DFT-BPSK-Edge_1RB_Left-3000-6000-
PASS



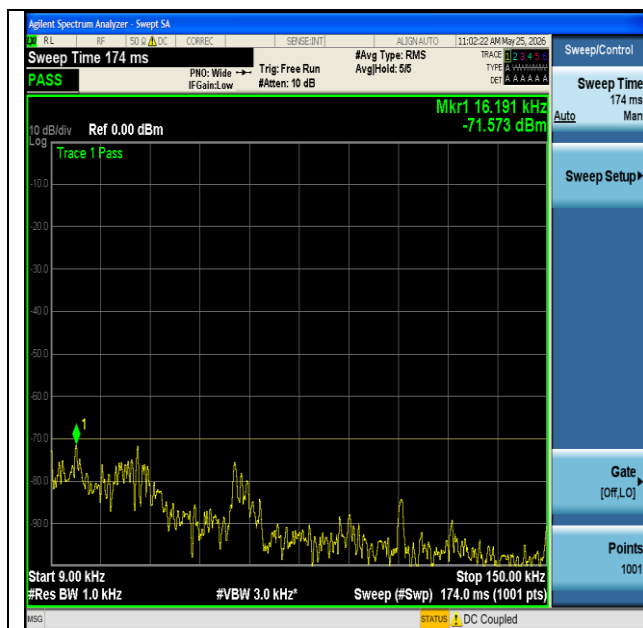
NTNV-n48-PC3-30-20-H-DFT-BPSK-Edge_1RB_Left-6000-
26000-PASS



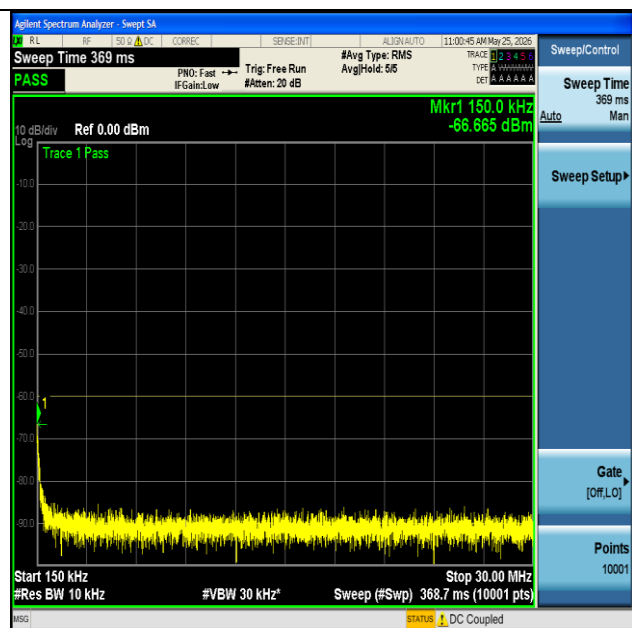
NTNV-n48-PC3-30-20-H-DFT-BPSK-Edge_1RB_Left-26000-
27000-PASS



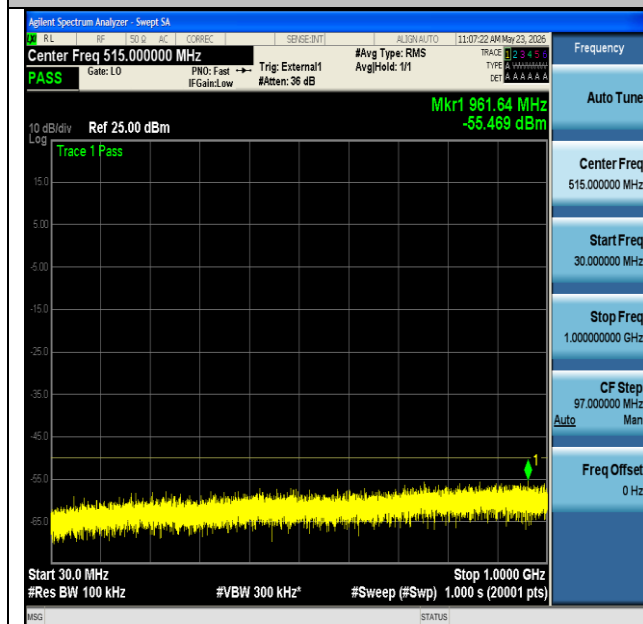
NTNV-n48-PC3-30-20-H-DFT-BPSK-Edge_1RB_Left-27000-
40000-PASS



NTNV-n48-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-0.009-0.15-
PASS



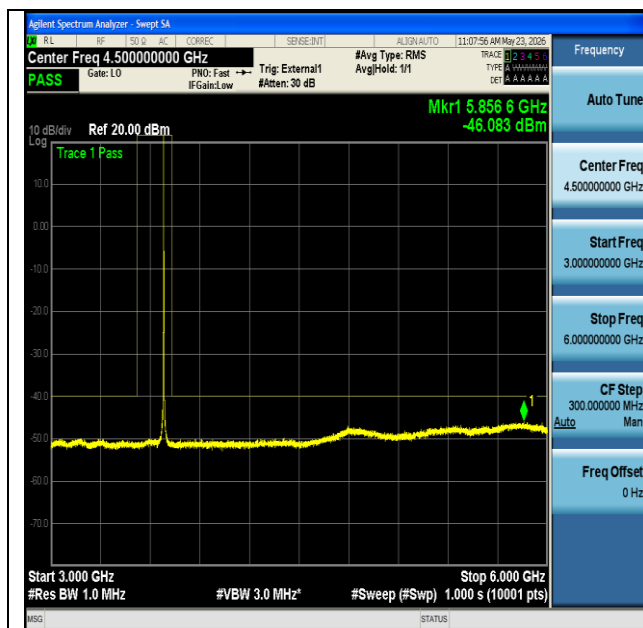
NTNV-n48-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-0.15-30-
PASS



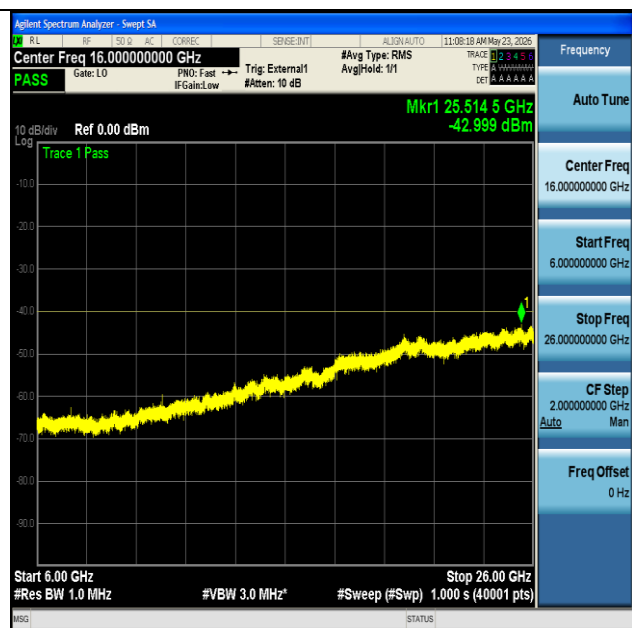
NTNV-n48-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-30-1000-
PASS



NTNV-n48-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-1000-3000-
PASS



NTNV-n48-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-3000-6000-PASS



NTNV-n48-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-6000-26000-PASS



NTNV-n48-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-26000-27000-PASS



NTNV-n48-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-27000-40000-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
n48	30	20	DFT-BPSK	M	Outer_Full	VL	NT	10.5	0.002897	PASS
n48	30	20	DFT-BPSK	M	Outer_Full	VN	NT	-3.9	-0.001076	PASS
n48	30	20	DFT-BPSK	M	Outer_Full	VH	NT	9	0.002483	PASS
n48	30	20	CP-QPSK	M	Outer_Full	VL	NT	17.6	0.004855	PASS
n48	30	20	CP-QPSK	M	Outer_Full	VN	NT	25.1	0.006924	PASS
n48	30	20	CP-QPSK	M	Outer_Full	VH	NT	1.5	0.000414	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
n48	30	20	DFT-BPSK	M	Outer_Full	NV	-30	-3.2	-0.000883	PASS
n48	30	20	DFT-BPSK	M	Outer_Full	NV	-20	11.4	0.003145	PASS
n48	30	20	DFT-BPSK	M	Outer_Full	NV	-10	22.7	0.006262	PASS
n48	30	20	DFT-BPSK	M	Outer_Full	NV	0	0.7	0.000193	PASS
n48	30	20	DFT-BPSK	M	Outer_Full	NV	10	8.6	0.002372	PASS
n48	30	20	DFT-BPSK	M	Outer_Full	NV	20	9.5	0.002621	PASS
n48	30	20	DFT-BPSK	M	Outer_Full	NV	30	6.9	0.001903	PASS
n48	30	20	DFT-BPSK	M	Outer_Full	NV	40	5.4	0.00149	PASS
n48	30	20	DFT-BPSK	M	Outer_Full	NV	50	-1.8	-0.000497	PASS
n48	30	20	CP-QPSK	M	Outer_Full	NV	-30	1.7	0.000469	PASS
n48	30	20	CP-QPSK	M	Outer_Full	NV	-20	2.2	0.000607	PASS
n48	30	20	CP-QPSK	M	Outer_Full	NV	-10	2	0.000552	PASS
n48	30	20	CP-QPSK	M	Outer_Full	NV	0	7.5	0.002069	PASS
n48	30	20	CP-QPSK	M	Outer_Full	NV	10	6.9	0.001903	PASS
n48	30	20	CP-QPSK	M	Outer_Full	NV	20	9.6	0.002648	PASS
n48	30	20	CP-QPSK	M	Outer_Full	NV	30	15.2	0.004193	PASS
n48	30	20	CP-QPSK	M	Outer_Full	NV	40	13.6	0.003752	PASS
n48	30	20	CP-QPSK	M	Outer_Full	NV	50	13	0.003586	PASS

~The End~