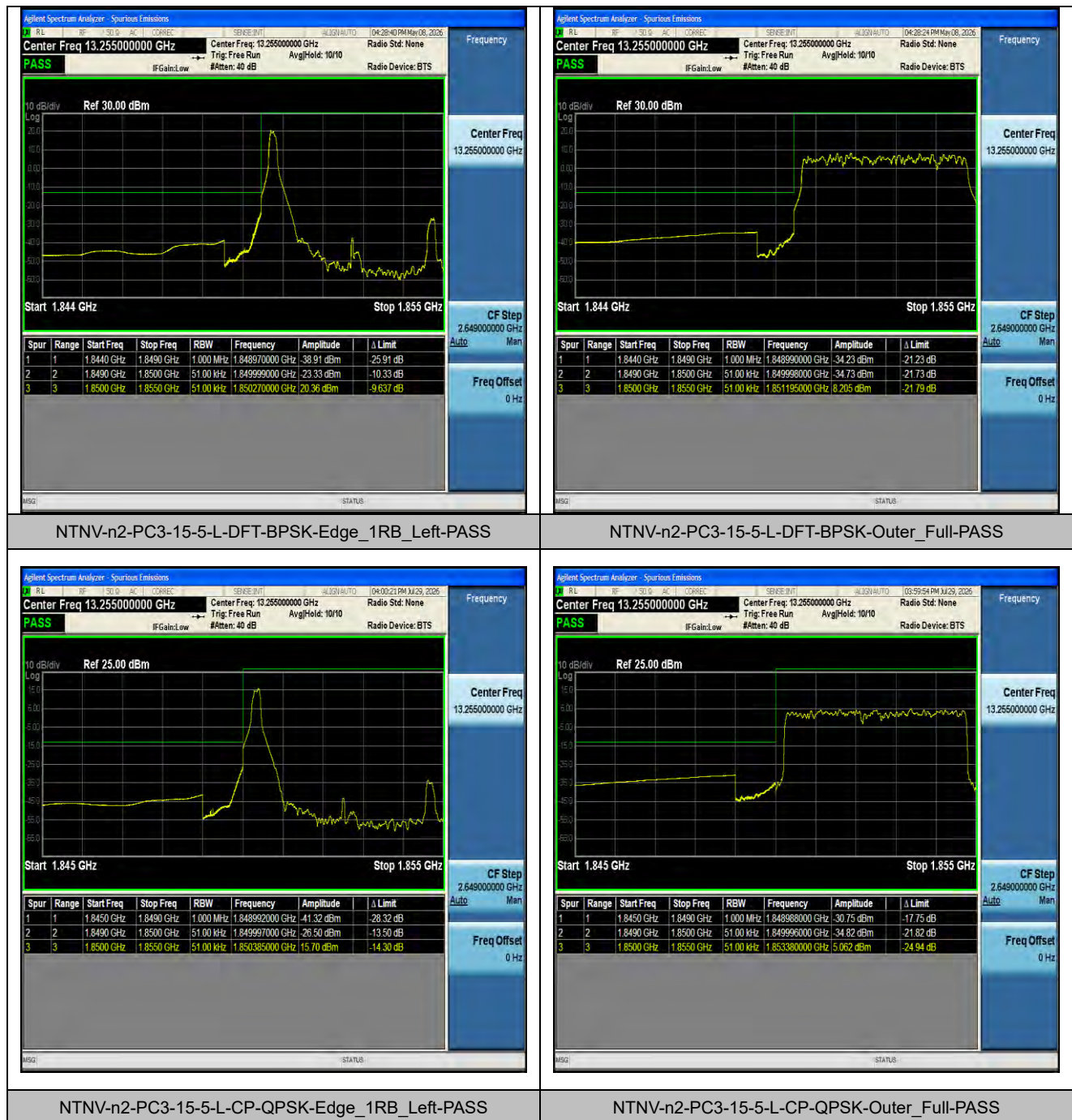


Band Edge for SA

Test Graphs





NTNV-n2-PC3-15-5-H-DFT-BPSK-Edge_1RB_Right-PASS



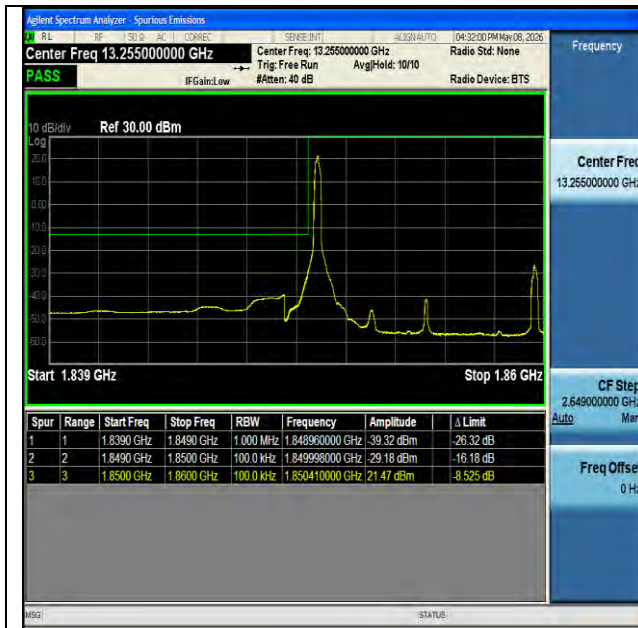
NTNV-n2-PC3-15-5-H-DFT-BPSK-Outer_Full-PASS



NTNV-n2-PC3-15-5-H-CP-QPSK-Edge_1RB_Right-PASS



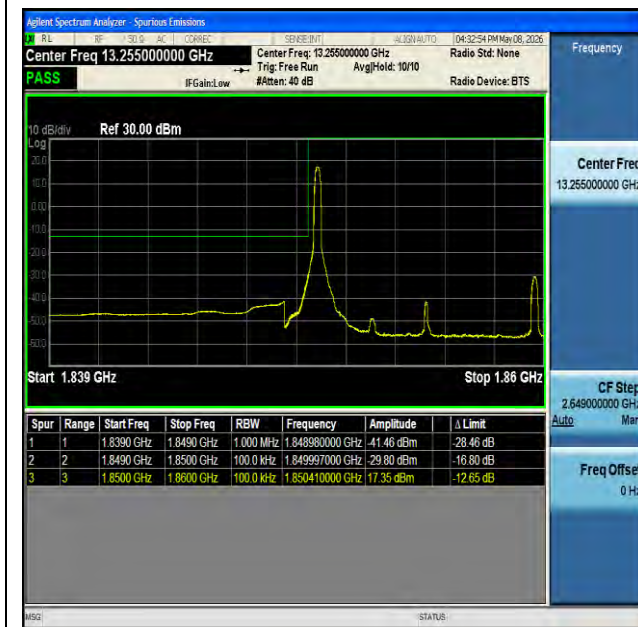
NTNV-n2-PC3-15-5-H-CP-QPSK-Outer_Full-PASS



NTNV-n2-PC3-15-10-L-DFT-BPSK-Edge_1RB_Left-PASS



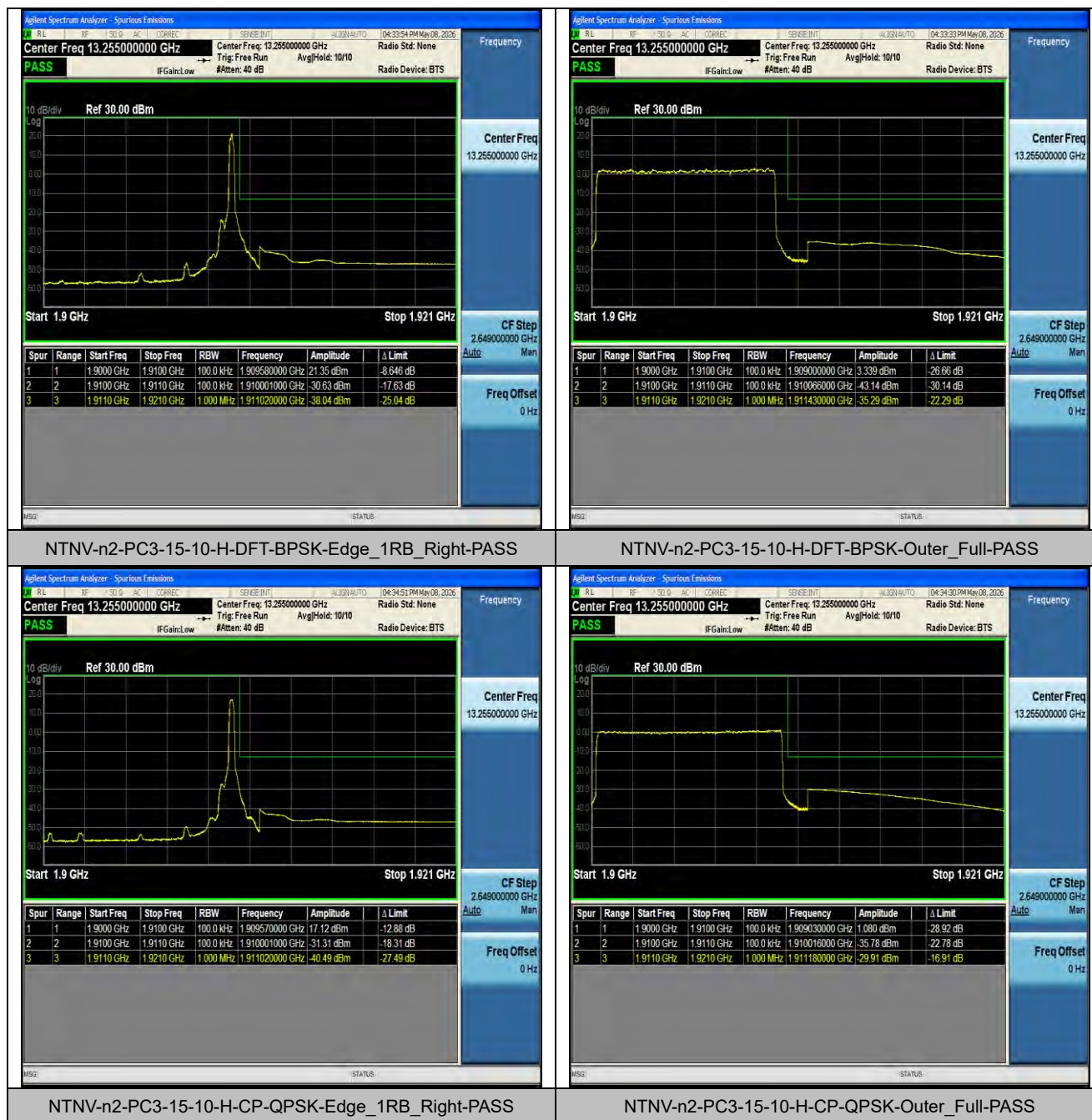
NTNV-n2-PC3-15-10-L-DFT-BPSK-Outer_Full-PASS

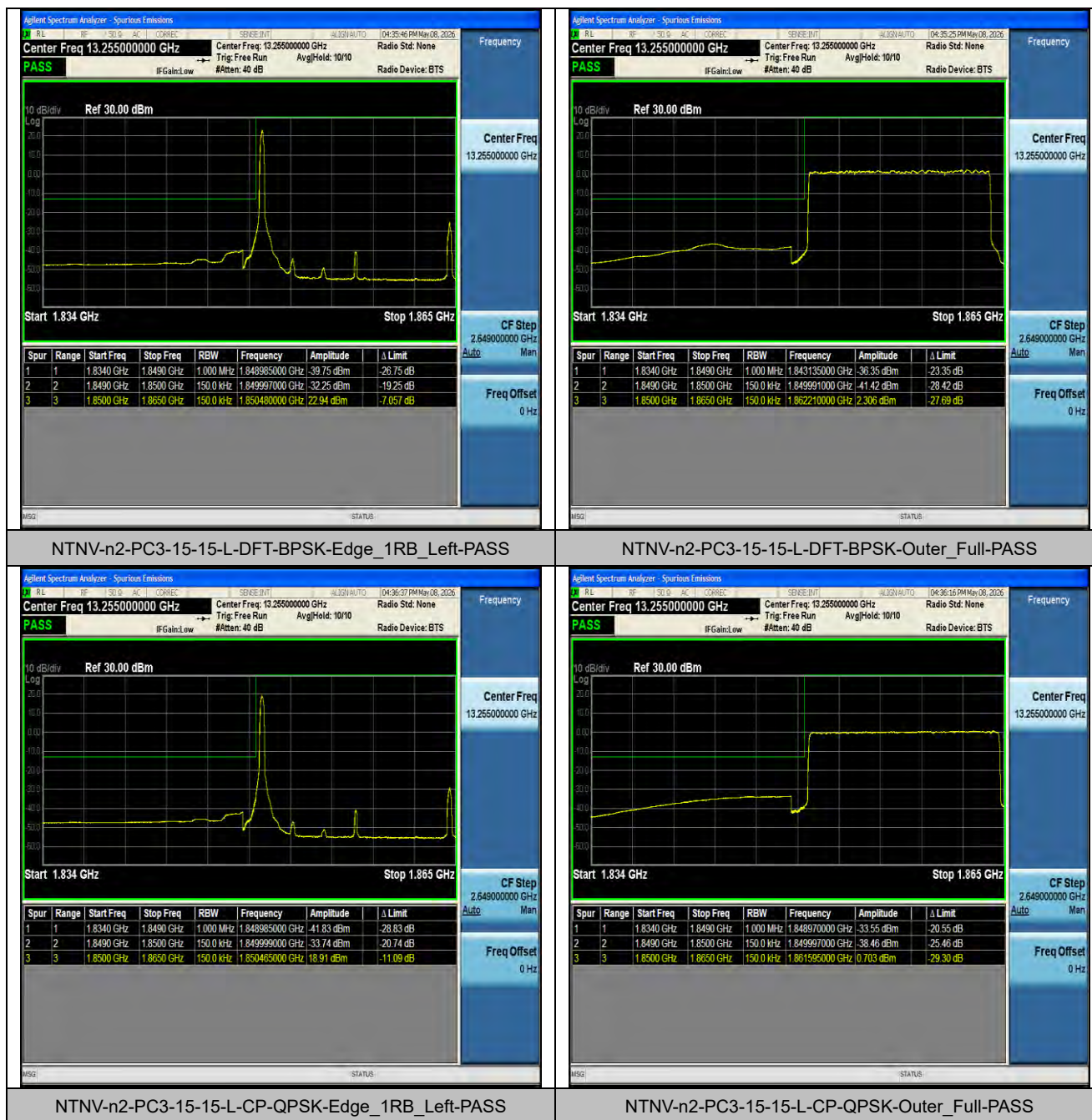


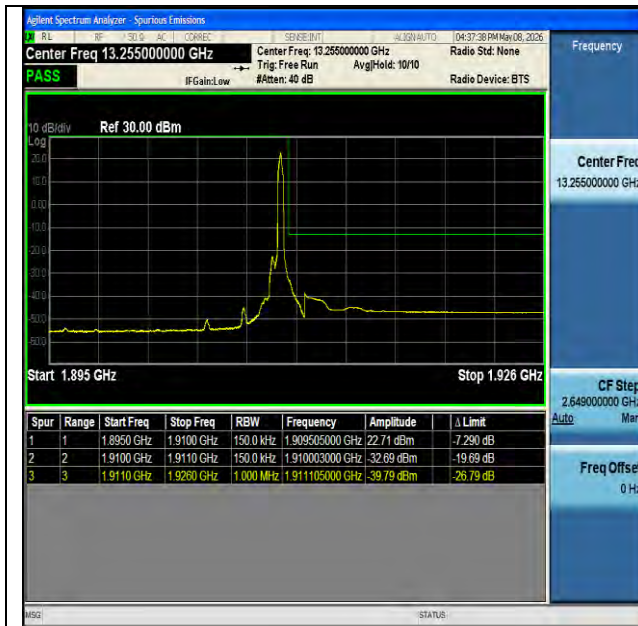
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NTNV-n2-PC3-15-10-L-CP-QPSK-Outer_Full-PASS



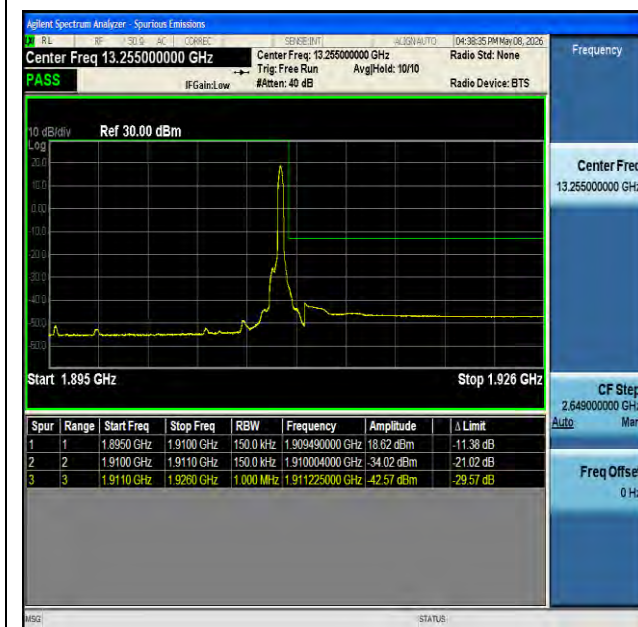




NTNV-n2-PC3-15-15-H-DFT-BPSK-Edge_1RB_Right-PASS



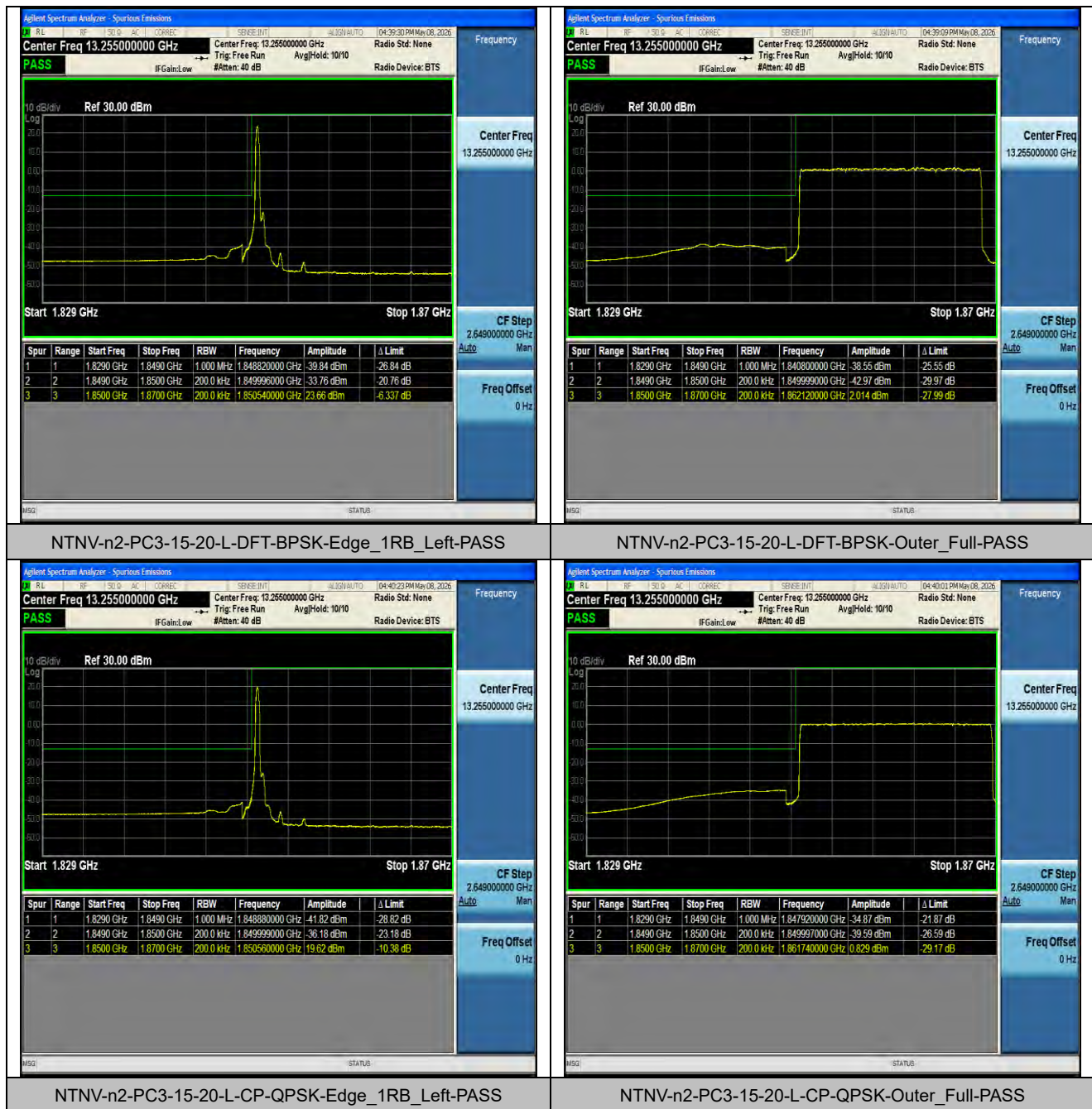
NTNV-n2-PC3-15-15-H-DFT-BPSK-Outer_Full-PASS

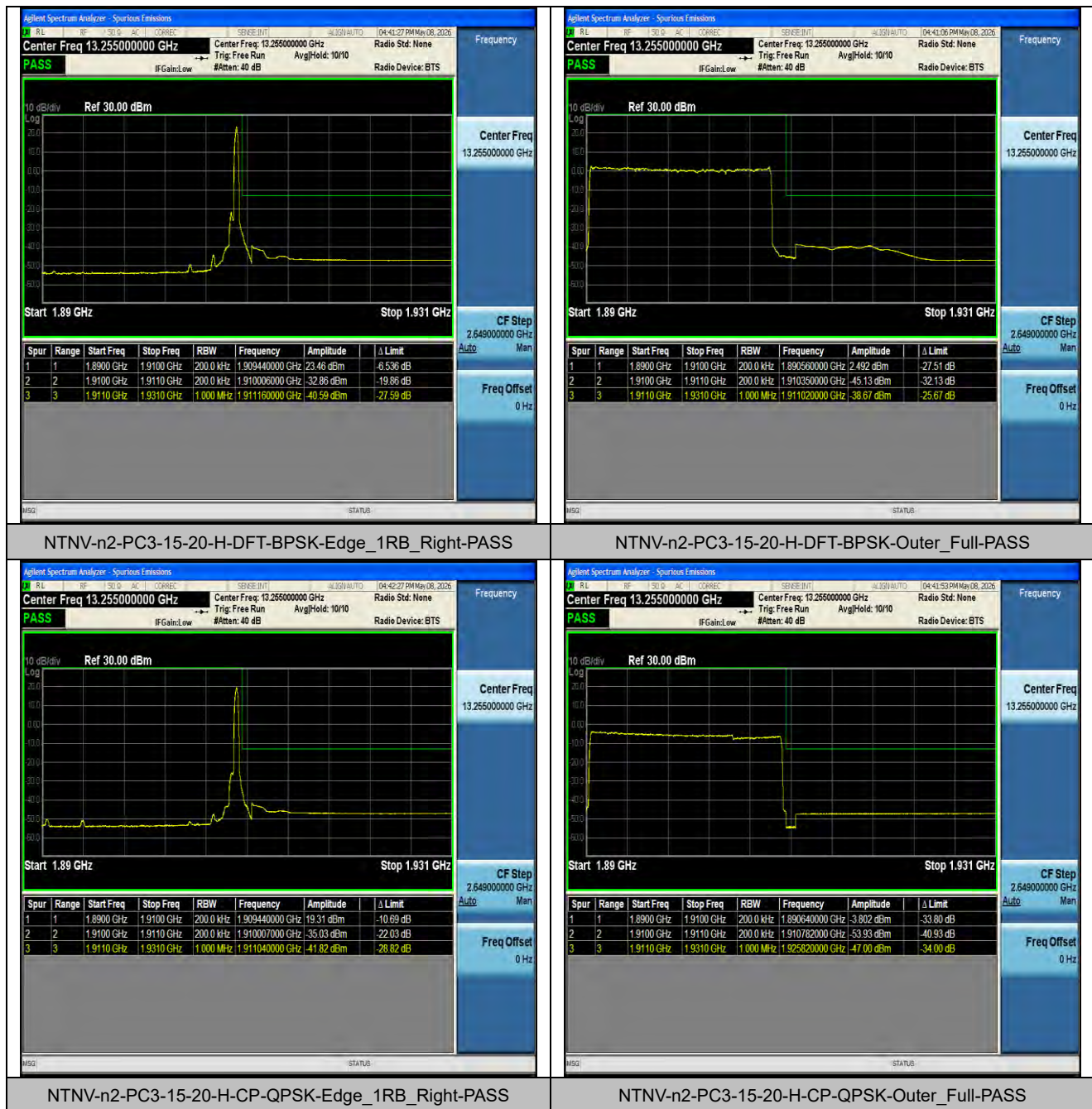


NTNV-n2-PC3-15-15-H-CP-QPSK-Edge_1RB_Right-PASS



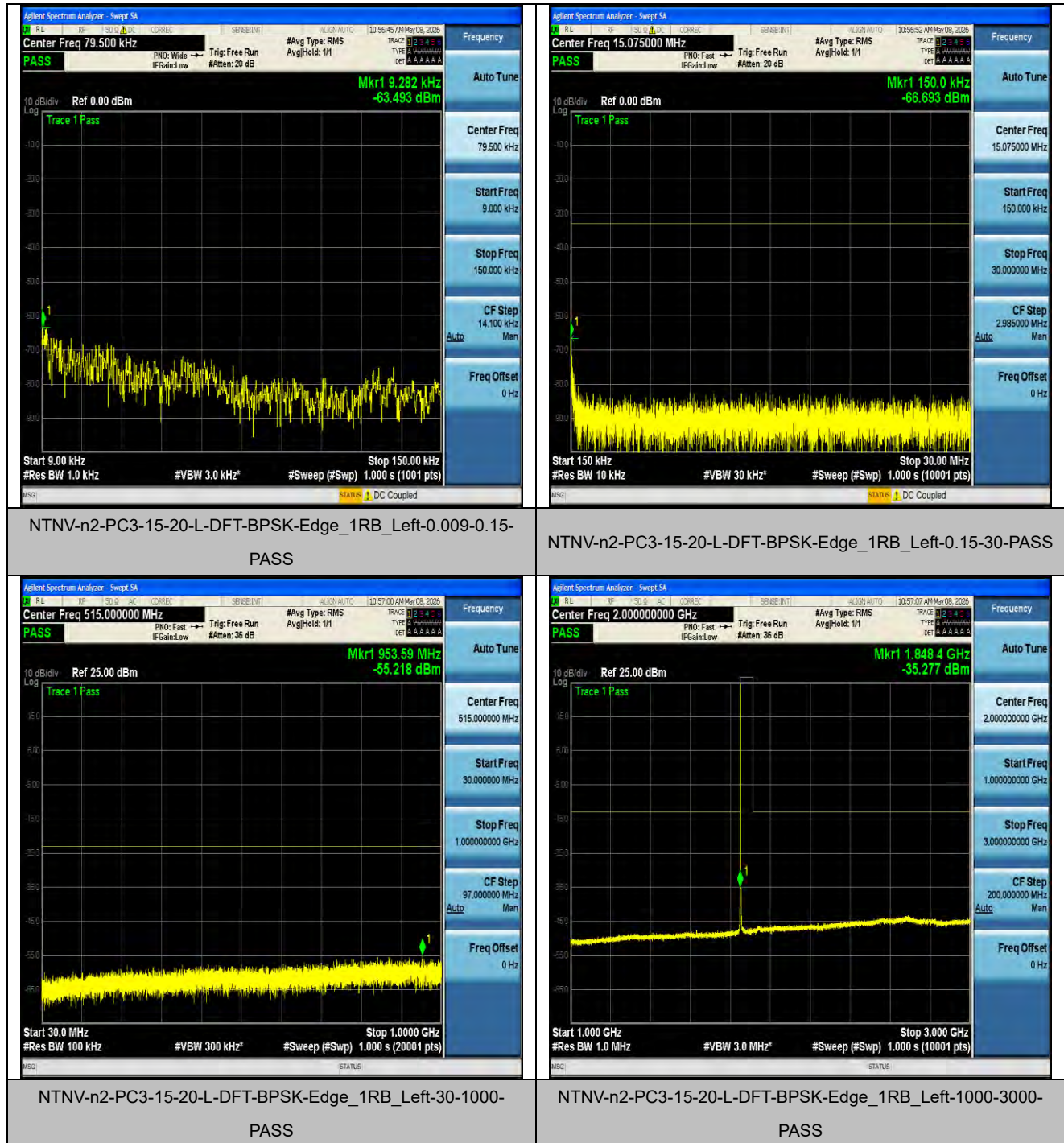
NTNV-n2-PC3-15-15-H-CP-QPSK-Outer_Full-PASS





Conducted Spurious Emission for SA

Test Graphs

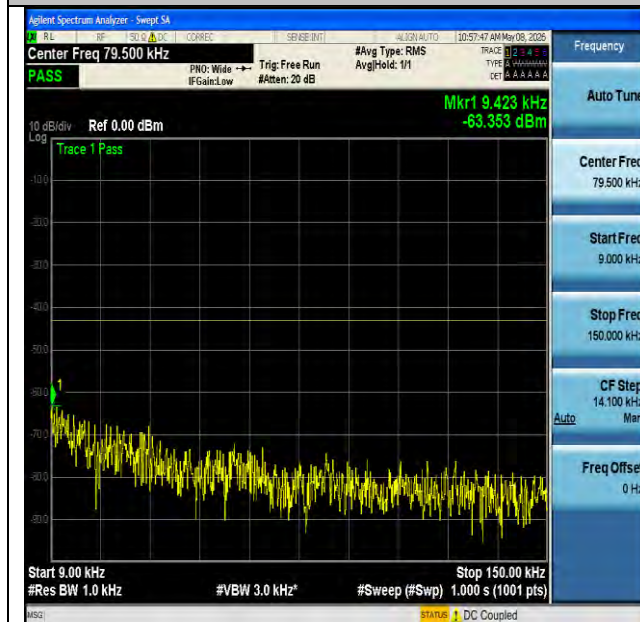




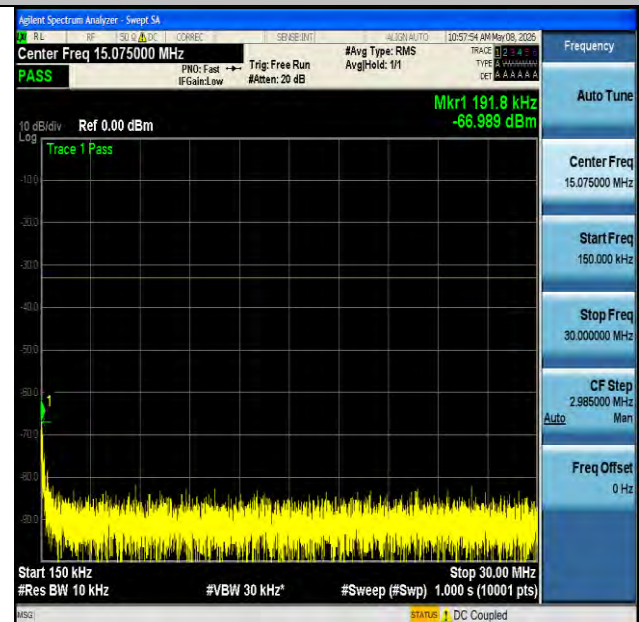
NTVN-n2-PC3-15-20-L-DFT-BPSK-Edge_1RB_Left-3000-12000-
PASS



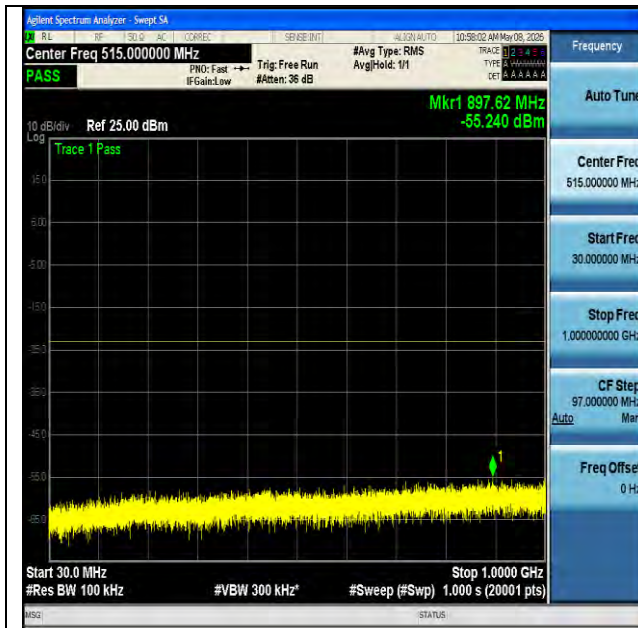
NTVN-n2-PC3-15-20-L-DFT-BPSK-Edge_1RB_Left-12000-20000-
PASS



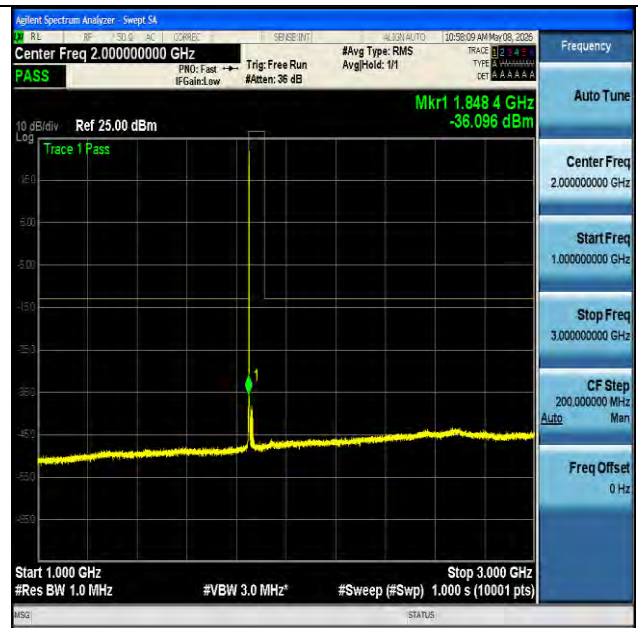
NTVN-n2-PC3-15-20-L-CP-QPSK-Edge_1RB_Left-0.009-0.15-
PASS



NTVN-n2-PC3-15-20-L-CP-QPSK-Edge_1RB_Left-0.15-30-PASS



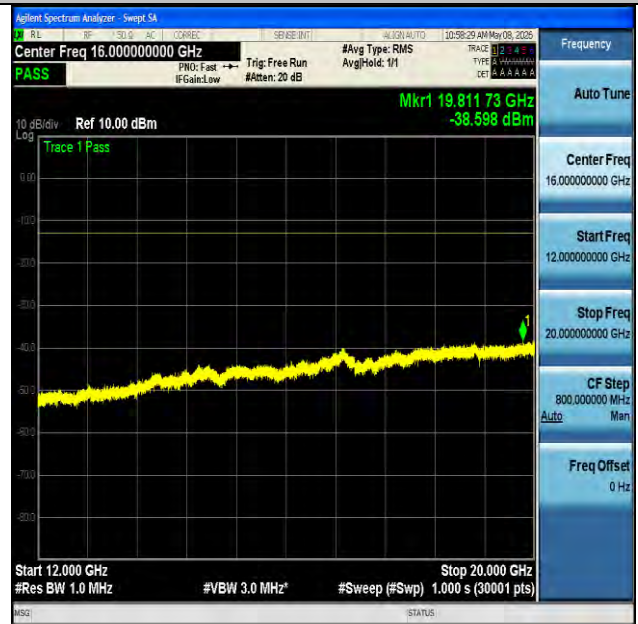
NTNV-n2-PC3-15-20-L-CP-QPSK-Edge_1RB_Left-30-1000-PASS



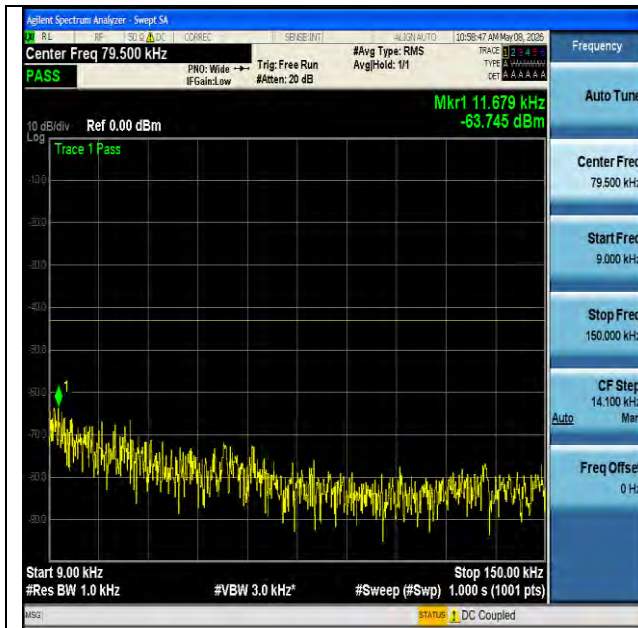
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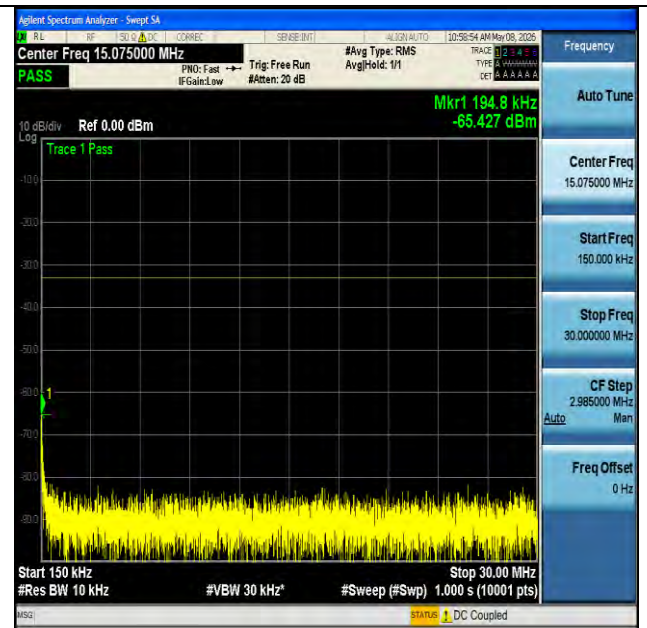
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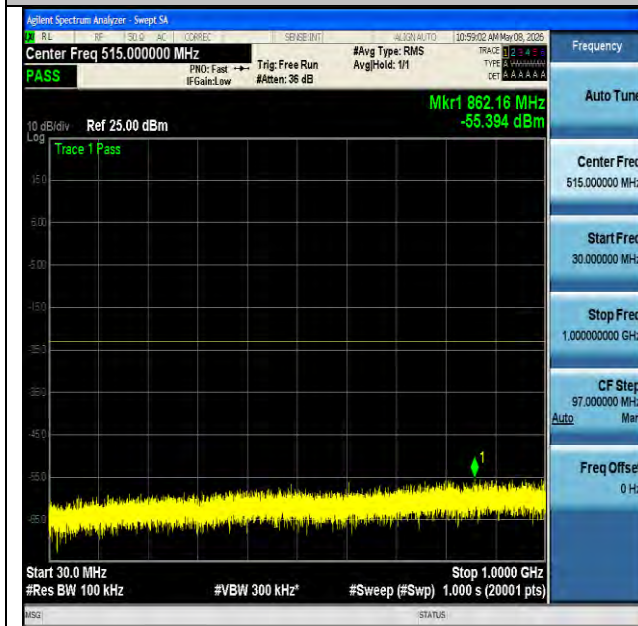
NTNV-n2-PC3-15-20-L-CP-QPSK-Edge_1RB_Left-12000-20000-PASS



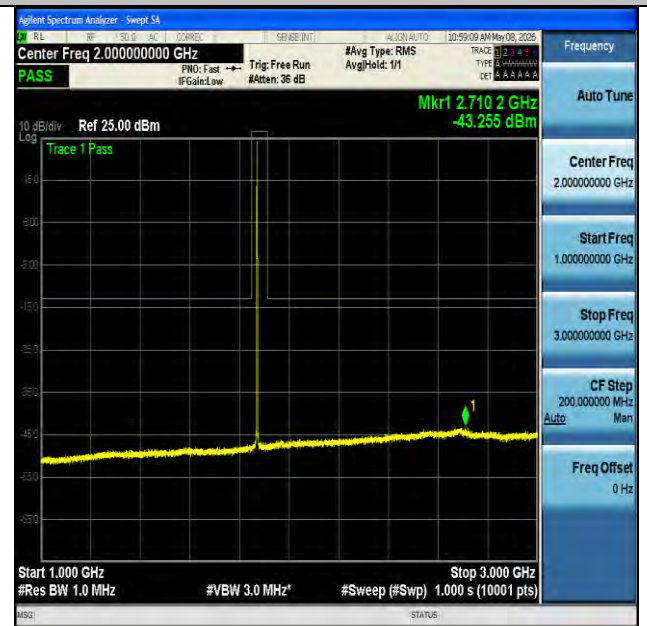
NTNV-n2-PC3-15-20-M-DFT-BPSK-Edge_1RB_Left-0.009-0.15-
PASS



NTNV-n2-PC3-15-20-M-DFT-BPSK-Edge_1RB_Left-0.15-30-
PASS



NTNV-n2-PC3-15-20-M-DFT-BPSK-Edge_1RB_Left-30-1000-
PASS



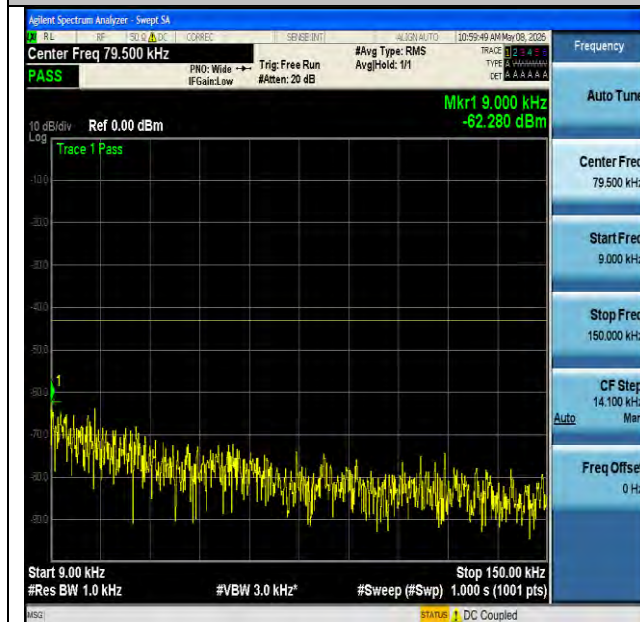
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PASS



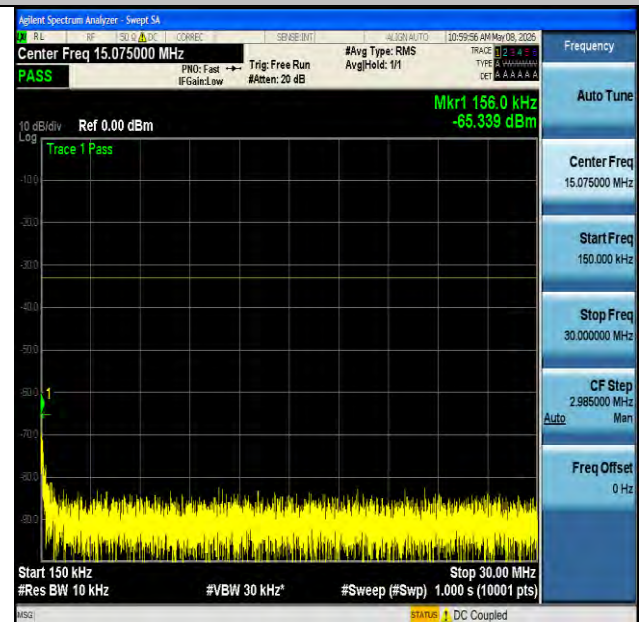
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PASS



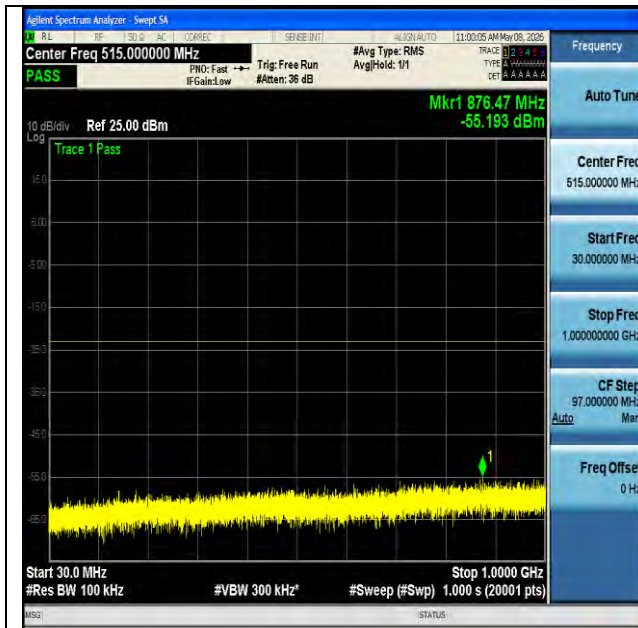
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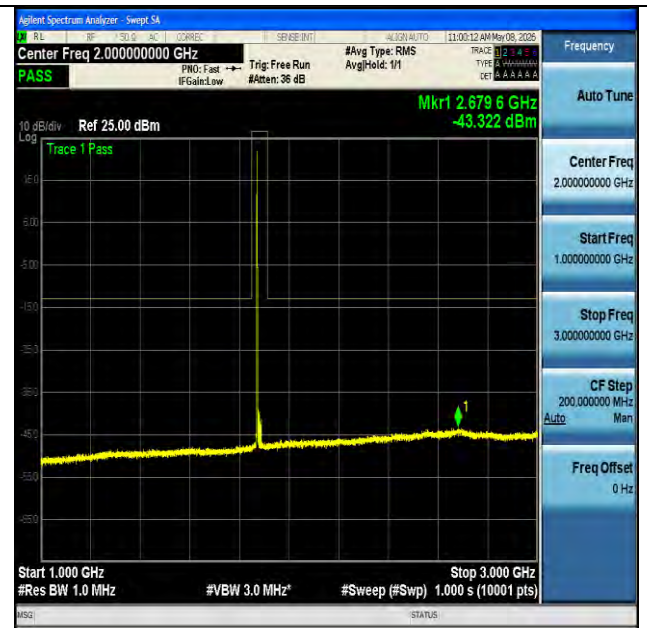
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PASS



NTNV-n2-PC3-15-20-M-CP-QPSK-Edge_1RB_Left-0.15-30-PASS



NTNV-n2-PC3-15-20-M-CP-QPSK-Edge_1RB_Left-30-1000-
PASS



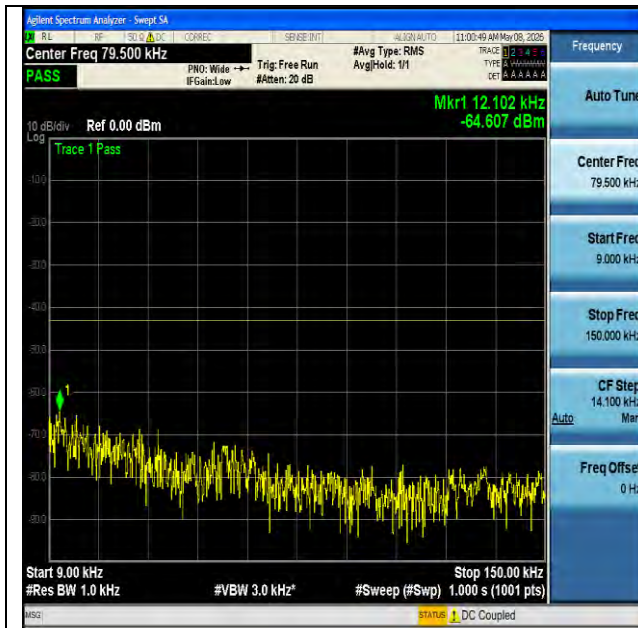
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PASS



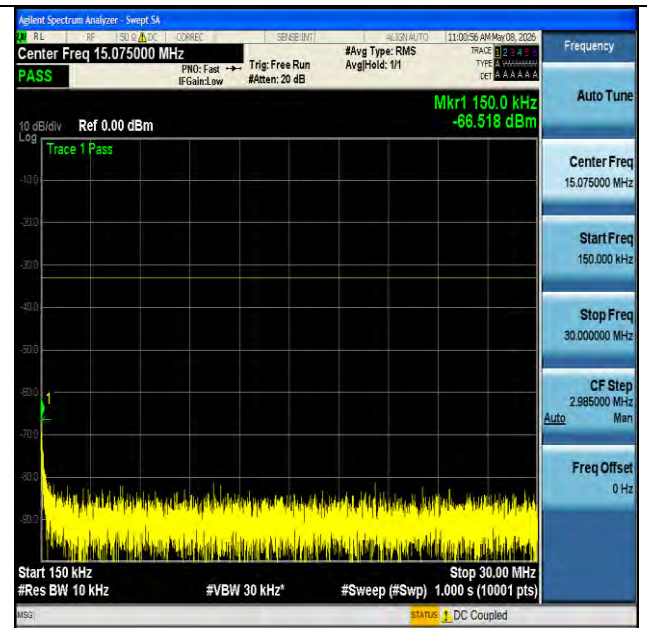
NTNV-n2-PC3-15-20-M-CP-QPSK-Edge_1RB_Left-3000-12000-
PASS



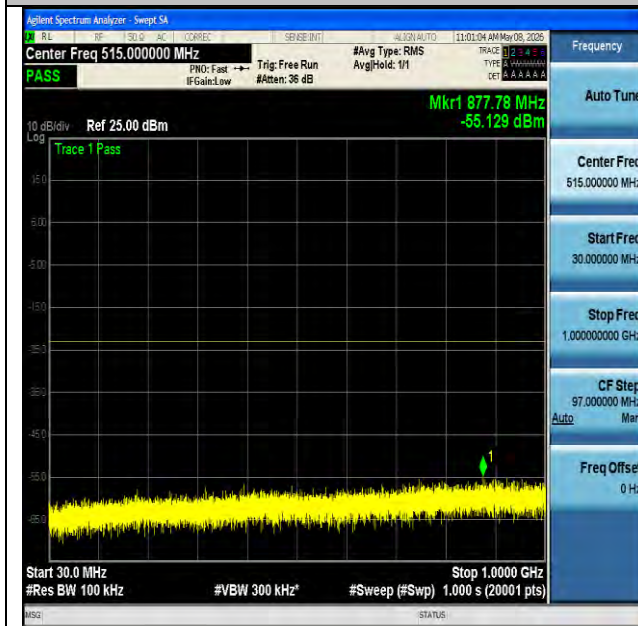
NTNV-n2-PC3-15-20-M-CP-QPSK-Edge_1RB_Left-12000-20000-
PASS



NTNV-n2-PC3-15-20-H-DFT-BPSK-Edge_1RB_Left-0.009-0.15-
PASS



NTNV-n2-PC3-15-20-H-DFT-BPSK-Edge_1RB_Left-0.15-30-
PASS



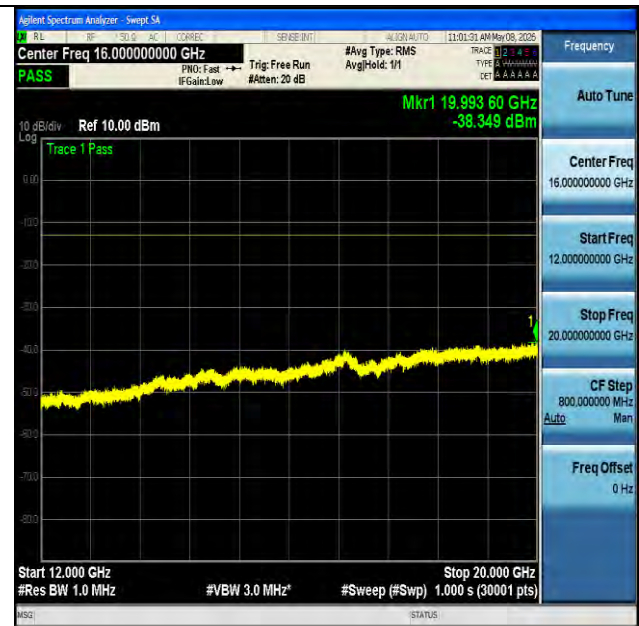
NTNV-n2-PC3-15-20-H-DFT-BPSK-Edge_1RB_Left-30-1000-
PASS



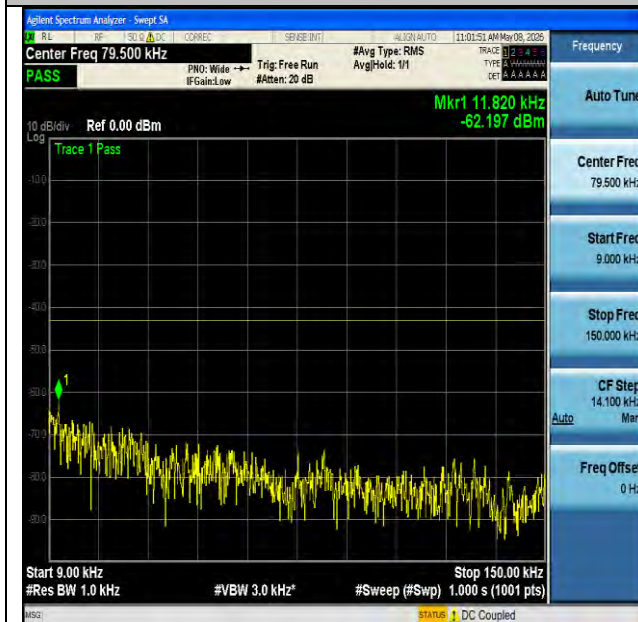
NTNV-n2-PC3-15-20-H-DFT-BPSK-Edge_1RB_Left-1000-3000-
PASS



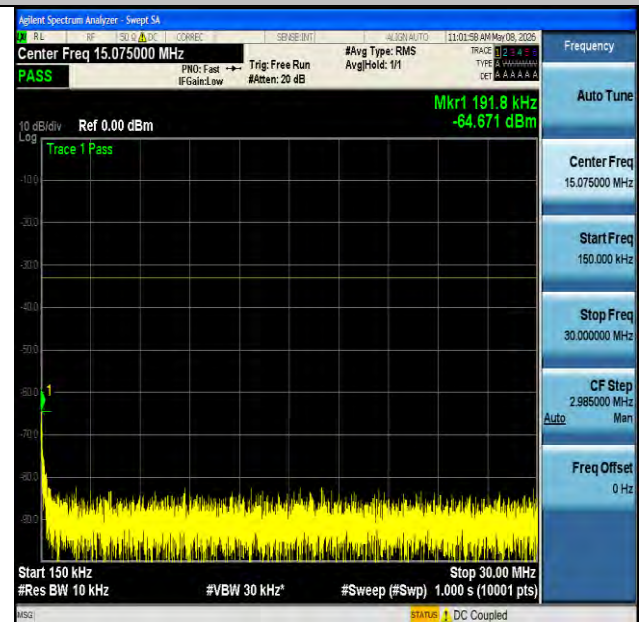
NTNV-n2-PC3-15-20-H-DFT-BPSK-Edge_1RB_Left-3000-12000-
PASS



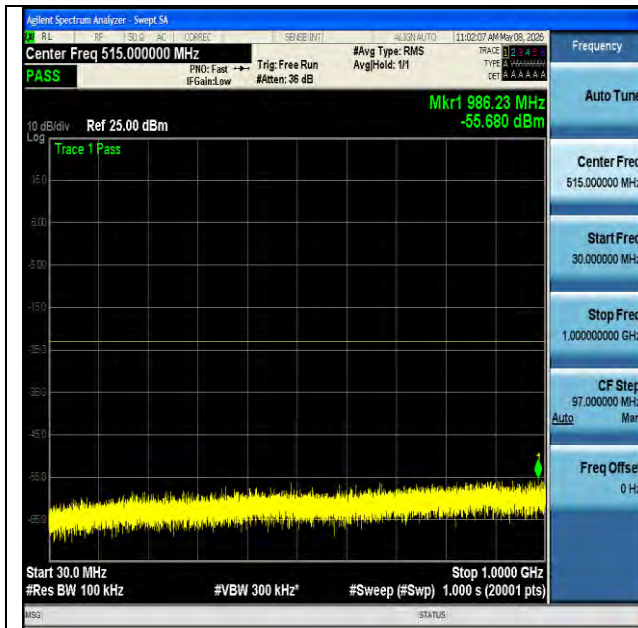
NTNV-n2-PC3-15-20-H-DFT-BPSK-Edge_1RB_Left-12000-
20000-PASS



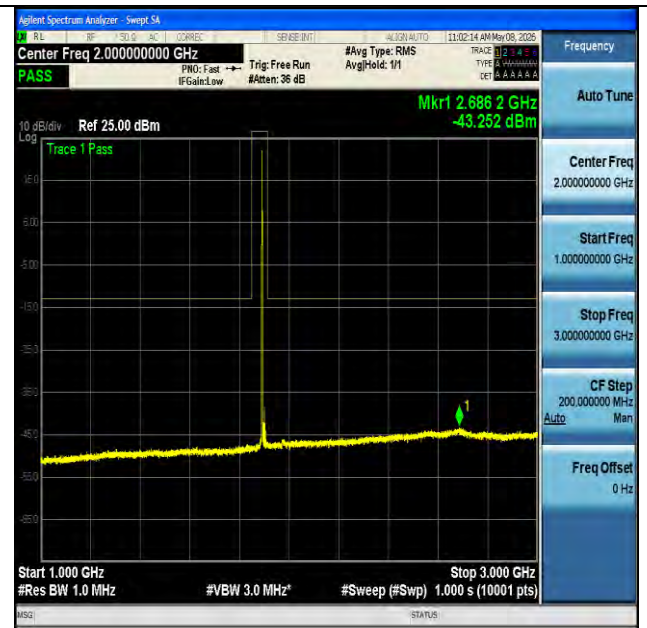
NTNV-n2-PC3-15-20-H-CP-QPSK-Edge_1RB_Left-0.009-0.15-
PASS



NTNV-n2-PC3-15-20-H-CP-QPSK-Edge_1RB_Left-0.15-30-PASS



NTNV-n2-PC3-15-20-H-CP-QPSK-Edge_1RB_Left-30-1000-
PASS



NTNV-n2-PC3-15-20-H-CP-QPSK-Edge_1RB_Left-1000-3000-
PASS



NTNV-n2-PC3-15-20-H-CP-QPSK-Edge_1RB_Left-3000-12000-
PASS



NTNV-n2-PC3-15-20-H-CP-QPSK-Edge_1RB_Left-12000-20000-
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
n2	15	20	DFT-BPSK	M	Outer_Full	VL	NT	-6.1	-0.003245	PASS
n2	15	20	DFT-BPSK	M	Outer_Full	VN	NT	-7.5	-0.003989	PASS
n2	15	20	DFT-BPSK	M	Outer_Full	VH	NT	-6.8	-0.003617	PASS
n2	15	20	CP-QPSK	M	Outer_Full	VL	NT	1.6	0.000851	PASS
n2	15	20	CP-QPSK	M	Outer_Full	VN	NT	3.7	0.001968	PASS
n2	15	20	CP-QPSK	M	Outer_Full	VH	NT	1.9	0.001011	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
n2	15	20	DFT-BPSK	M	Outer_Full	NV	-30	-9.4	-0.005	PASS
n2	15	20	DFT-BPSK	M	Outer_Full	NV	-20	-7.5	-0.003989	PASS
n2	15	20	DFT-BPSK	M	Outer_Full	NV	-10	-7.8	-0.004149	PASS
n2	15	20	DFT-BPSK	M	Outer_Full	NV	0	-7	-0.003723	PASS
n2	15	20	DFT-BPSK	M	Outer_Full	NV	10	-11.3	-0.006011	PASS
n2	15	20	DFT-BPSK	M	Outer_Full	NV	20	-10.7	-0.005691	PASS
n2	15	20	DFT-BPSK	M	Outer_Full	NV	30	-9.4	-0.005	PASS
n2	15	20	DFT-BPSK	M	Outer_Full	NV	40	-4.7	-0.0025	PASS
n2	15	20	DFT-BPSK	M	Outer_Full	NV	50	-9	-0.004787	PASS
n2	15	20	CP-QPSK	M	Outer_Full	NV	-30	0.7	0.000372	PASS
n2	15	20	CP-QPSK	M	Outer_Full	NV	-20	2.9	0.001543	PASS
n2	15	20	CP-QPSK	M	Outer_Full	NV	-10	-2	-0.001064	PASS
n2	15	20	CP-QPSK	M	Outer_Full	NV	0	-5.1	-0.002713	PASS
n2	15	20	CP-QPSK	M	Outer_Full	NV	10	-3.4	-0.001809	PASS
n2	15	20	CP-QPSK	M	Outer_Full	NV	20	-1.8	-0.000957	PASS
n2	15	20	CP-QPSK	M	Outer_Full	NV	30	-0.7	-0.000372	PASS
n2	15	20	CP-QPSK	M	Outer_Full	NV	40	-1.2	-0.000638	PASS
n2	15	20	CP-QPSK	M	Outer_Full	NV	50	3.5	0.001862	PASS

~The End~