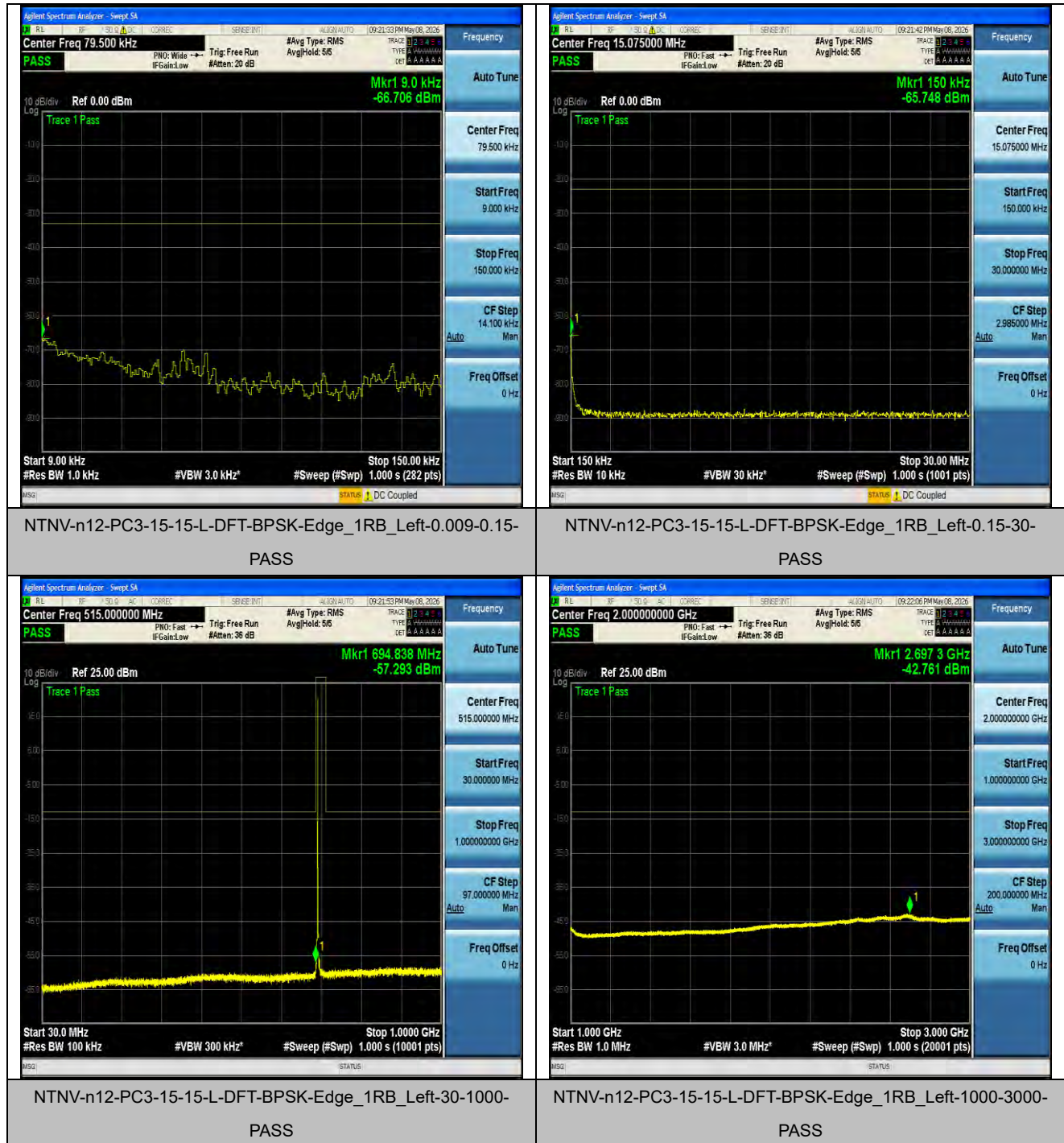


Conducted Spurious Emission for SA

Test Graphs





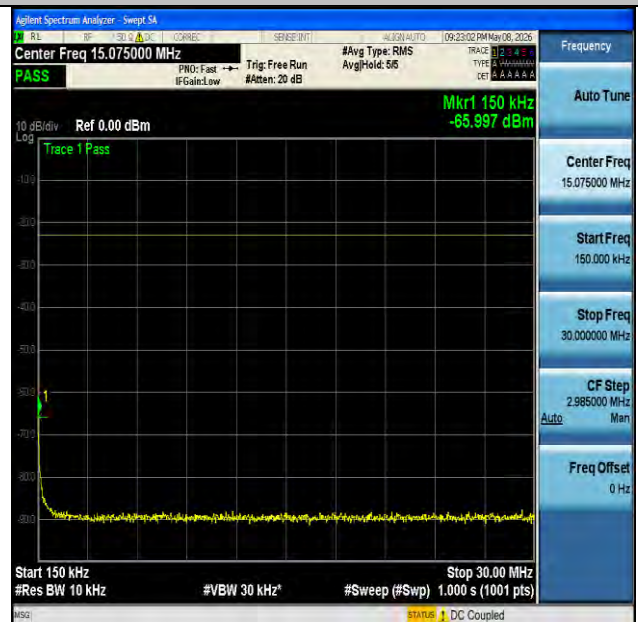
NTNV-n12-PC3-15-15-L-DFT-BPSK-Edge_1RB_Left-3000-12000-
PASS



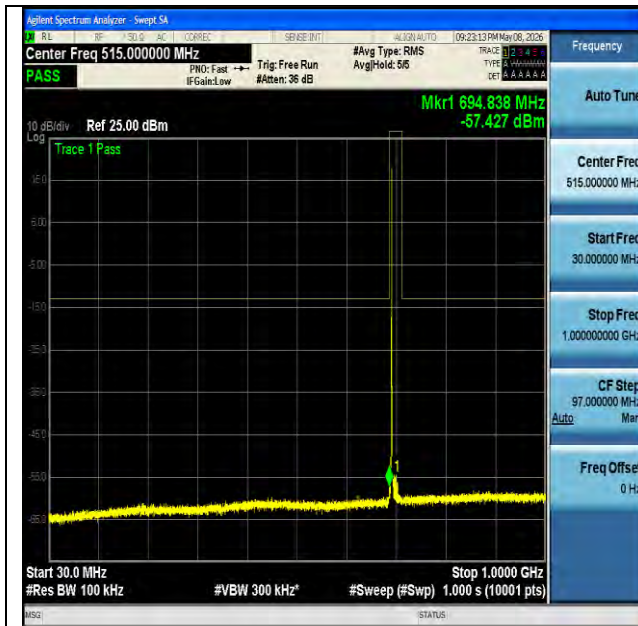
NTNV-n12-PC3-15-15-L-DFT-BPSK-Edge_1RB_Left-12000-
20000-PASS



NTNV-n12-PC3-15-15-L-CP-QPSK-Edge_1RB_Left-0.009-0.15-
PASS



NTNV-n12-PC3-15-15-L-CP-QPSK-Edge_1RB_Left-0.15-30-
PASS



NTNV-n12-PC3-15-15-L-CP-QPSK-Edge_1RB_Left-30-1000-
PASS



NTNV-n12-PC3-15-15-L-CP-QPSK-Edge_1RB_Left-1000-3000-
PASS



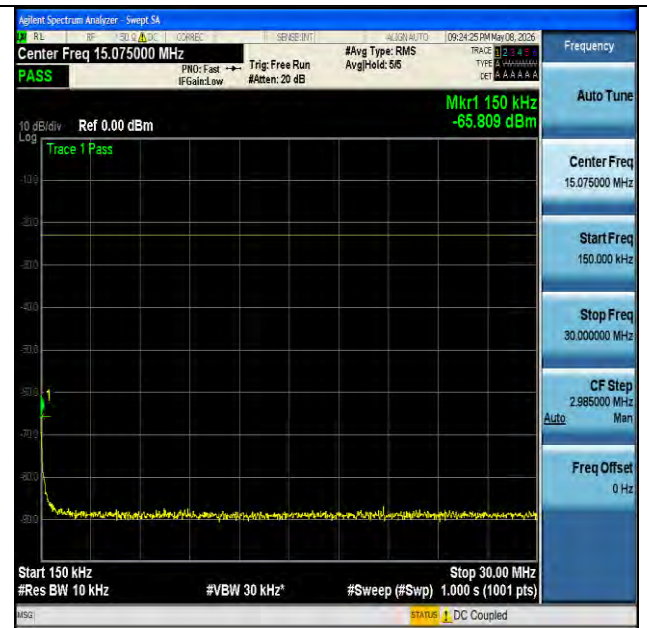
NTNV-n12-PC3-15-15-L-CP-QPSK-Edge_1RB_Left-3000-12000-
PASS



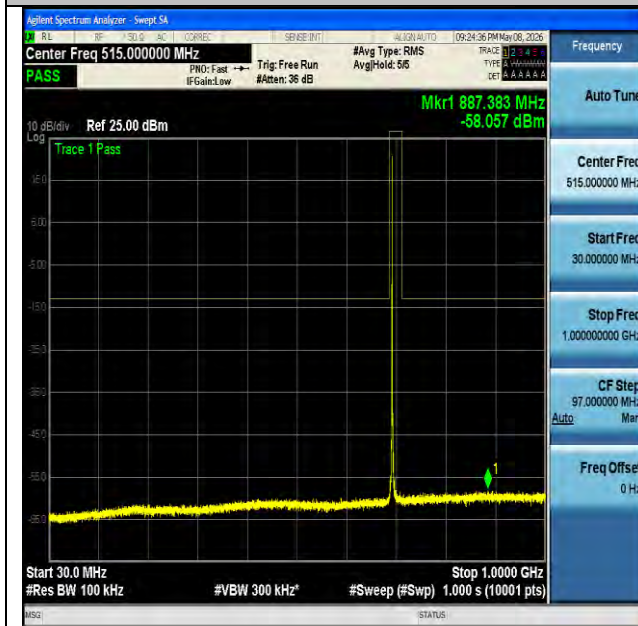
NTNV-n12-PC3-15-15-L-CP-QPSK-Edge_1RB_Left-12000-
20000-PASS



NTNV-n12-PC3-15-15-M-DFT-BPSK-Edge_1RB_Left-0.009-0.15-
PASS



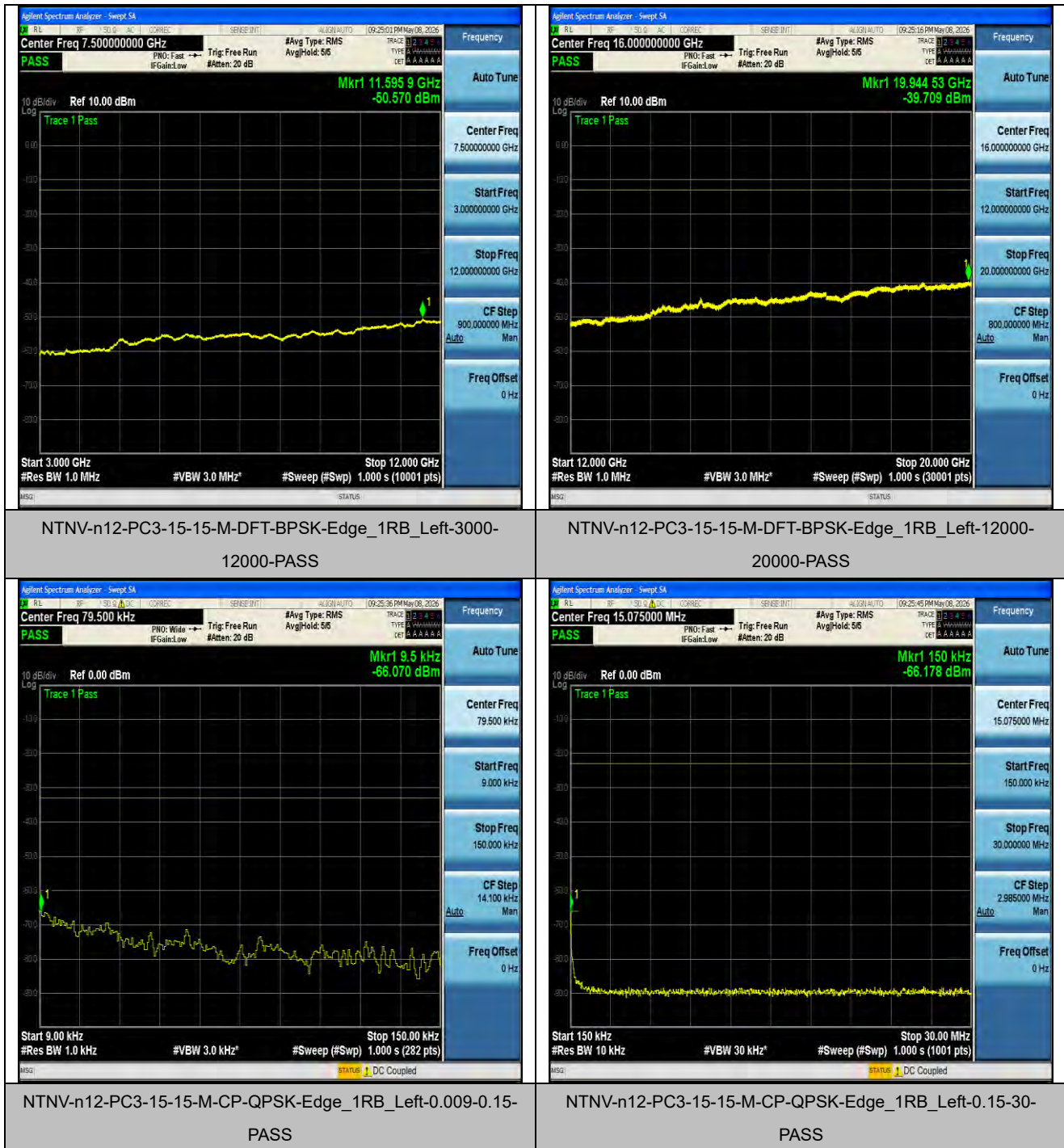
NTNV-n12-PC3-15-15-M-DFT-BPSK-Edge_1RB_Left-0.15-30-
PASS

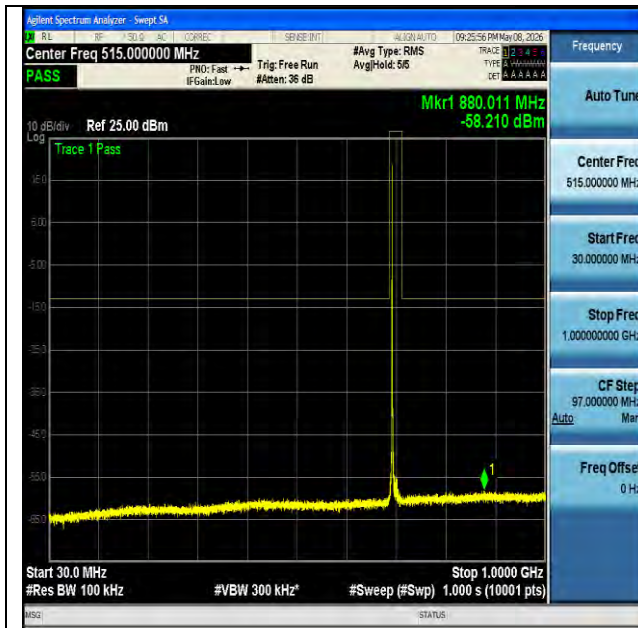


NTNV-n12-PC3-15-15-M-DFT-BPSK-Edge_1RB_Left-30-1000-
PASS



NTNV-n12-PC3-15-15-M-DFT-BPSK-Edge_1RB_Left-1000-3000-
PASS





NTNV-n12-PC3-15-15-M-CP-QPSK-Edge_1RB_Left-30-1000-
PASS



NTNV-n12-PC3-15-15-M-CP-QPSK-Edge_1RB_Left-1000-3000-
PASS



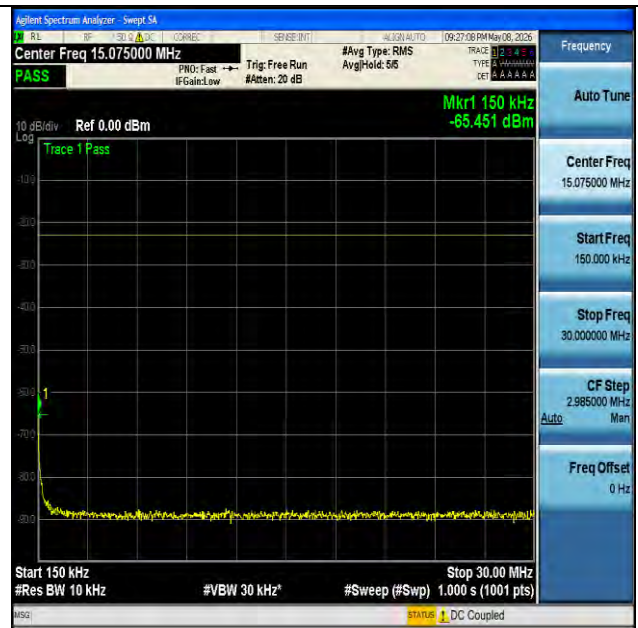
NTNV-n12-PC3-15-15-M-CP-QPSK-Edge_1RB_Left-3000-12000-
PASS



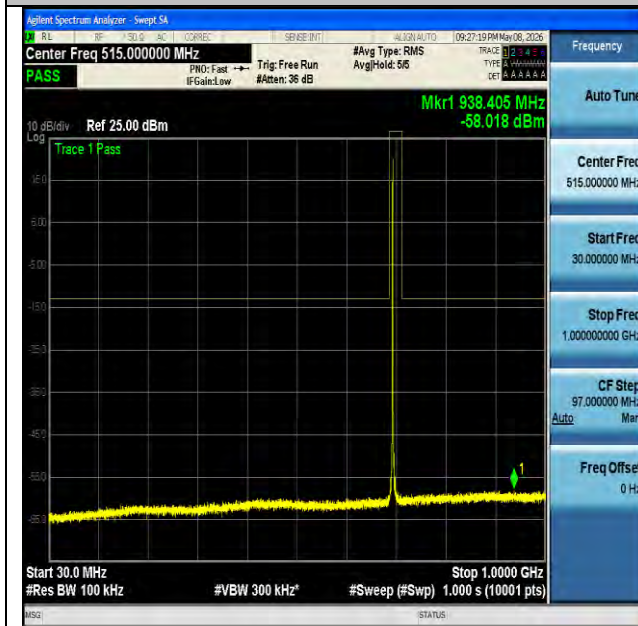
NTNV-n12-PC3-15-15-M-CP-QPSK-Edge_1RB_Left-12000-
20000-PASS



NTNV-n12-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-0.009-0.15-
PASS



NTNV-n12-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-0.15-30-
PASS



NTNV-n12-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-30-1000-
PASS



NTNV-n12-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-1000-3000-
PASS



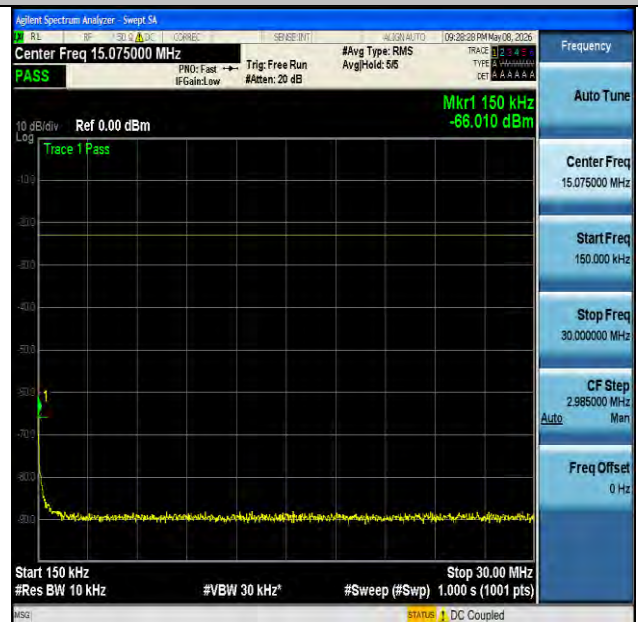
NTNV-n12-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-3000-12000-PASS



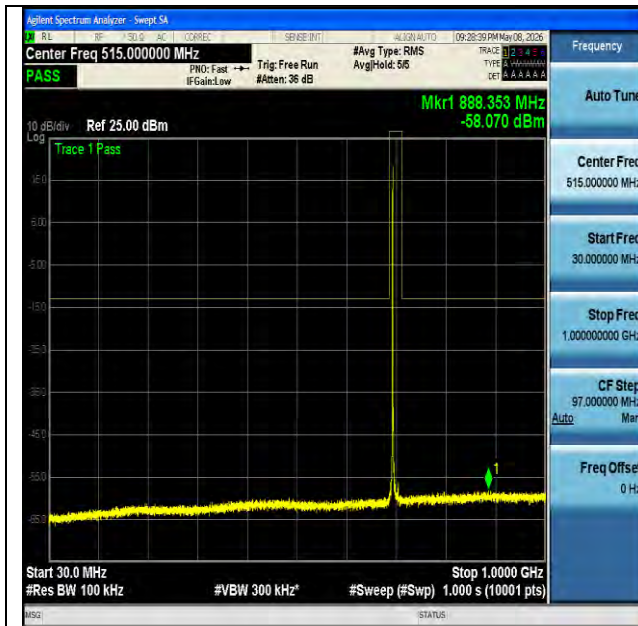
NTNV-n12-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-12000-20000-PASS



NTNV-n12-PC3-15-15-H-CP-QPSK-Edge_1RB_Left-0.009-0.15-PASS



NTNV-n12-PC3-15-15-H-CP-QPSK-Edge_1RB_Left-0.15-30-PASS



NTNV-n12-PC3-15-15-H-CP-QPSK-Edge_1RB_Left-30-1000-
PASS



NTNV-n12-PC3-15-15-H-CP-QPSK-Edge_1RB_Left-1000-3000-
PASS



NTNV-n12-PC3-15-15-H-CP-QPSK-Edge_1RB_Left-3000-12000-
PASS



NTNV-n12-PC3-15-15-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
n12	15	15	DFT-BPSK	M	Outer_Full	VL	NT	-3.5	-0.004947	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	VN	NT	-4.8	-0.006784	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	VH	NT	-5	-0.007067	PASS
n12	15	15	CP-QPSK	M	Outer_Full	VL	NT	-3.7	-0.00523	PASS
n12	15	15	CP-QPSK	M	Outer_Full	VN	NT	-4.3	-0.006078	PASS
n12	15	15	CP-QPSK	M	Outer_Full	VH	NT	-4.4	-0.006219	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
n12	15	15	DFT-BPSK	M	Outer_Full	NV	-30	-1.2	-0.001696	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	-20	-8.3	-0.011731	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	-10	-2.7	-0.003816	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	0	-7.4	-0.010459	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	10	-6.4	-0.009046	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	20	-5.9	-0.008339	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	30	-3.5	-0.004947	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	40	-6.2	-0.008763	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	50	-5.9	-0.008339	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	-30	-3	-0.00424	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	-20	-7.8	-0.011025	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	-10	-5.1	-0.007208	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	0	-3.3	-0.004664	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	10	-4.5	-0.00636	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	20	-5.6	-0.007915	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	30	-3.5	-0.004947	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	40	-3.2	-0.004523	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	50	-4	-0.005654	PASS

~The End~