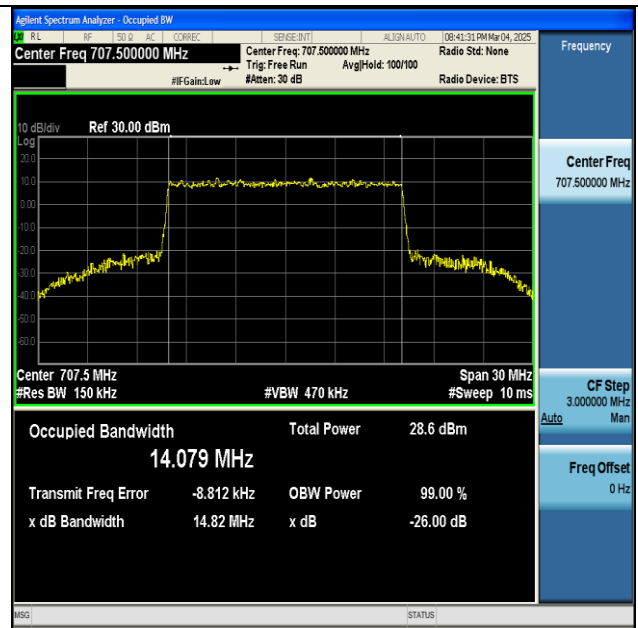




NTNV-n12-PC3-15-15-M-CP-QPSK-Outet_Full-Ant1-PASS



NTNV-n12-PC3-15-15-M-CP-16QAM-Outet_Full-Ant1-PASS



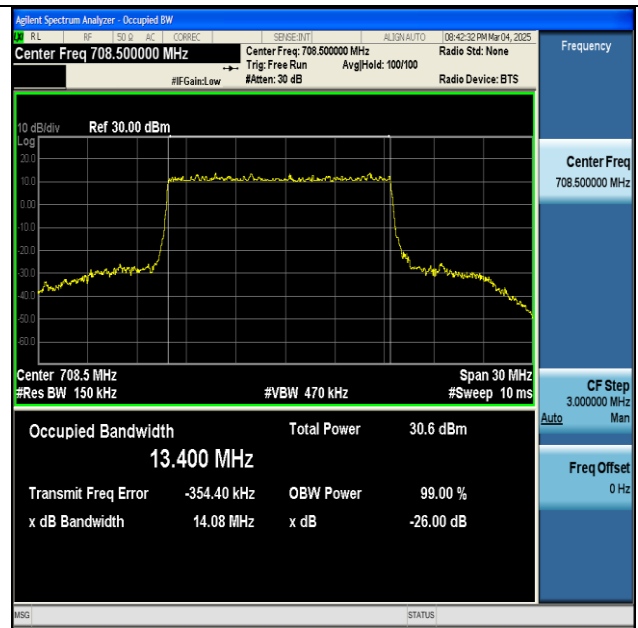
NTNV-n12-PC3-15-15-M-CP-64QAM-Outet_Full-Ant1-PASS



NTNV-n12-PC3-15-15-M-CP-256QAM-Outet_Full-Ant1-PASS



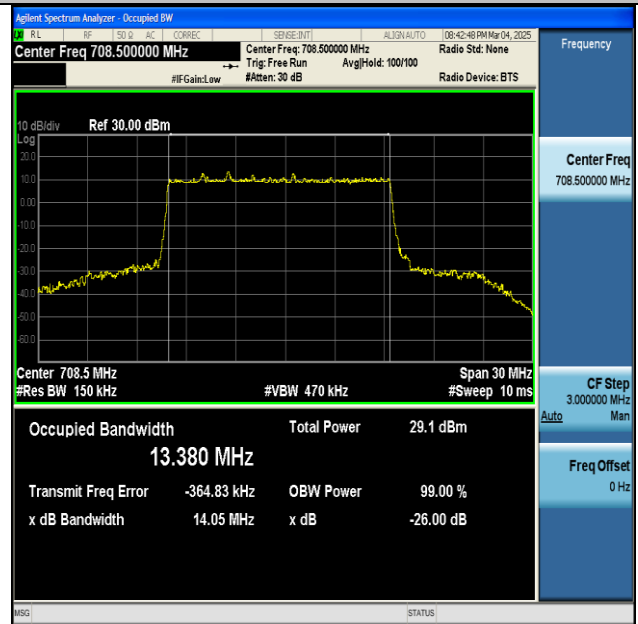
NTNV-n12-PC3-15-15-H-DFT-BPSK-Outer_Full-Ant1-
PASS



NTNV-n12-PC3-15-15-H-DFT-QPSK-Outer_Full-Ant1-
PASS



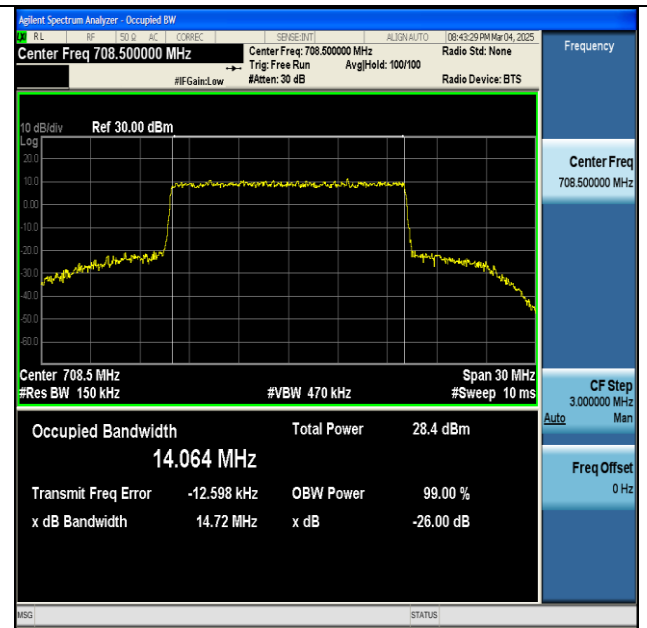
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PASS



NTNV-n12-PC3-15-15-H-DFT-64QAM-Outer_Full-Ant1-
PASS



NTNV-n12-PC3-15-15-H-DFT-256QAM-Outer_Full-Ant1-PASS



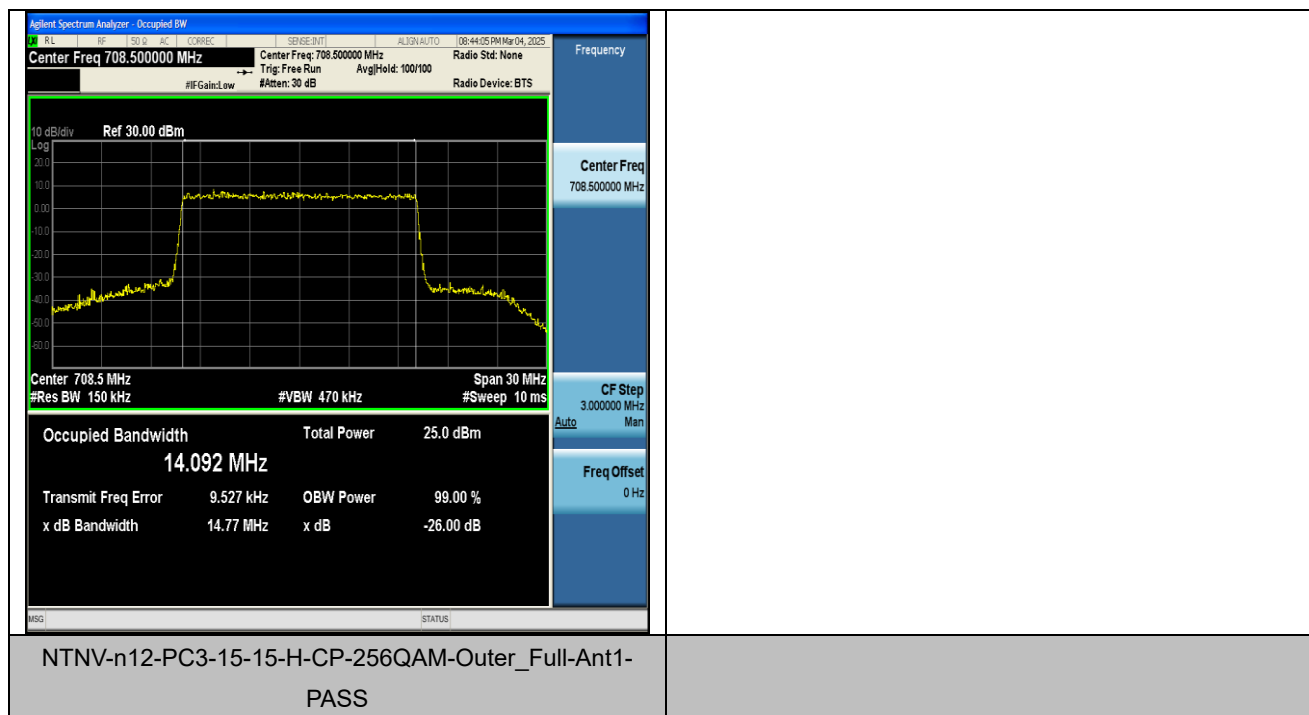
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NTNV-n12-PC3-15-15-H-CP-16QAM-Outer_Full-Ant1-PASS

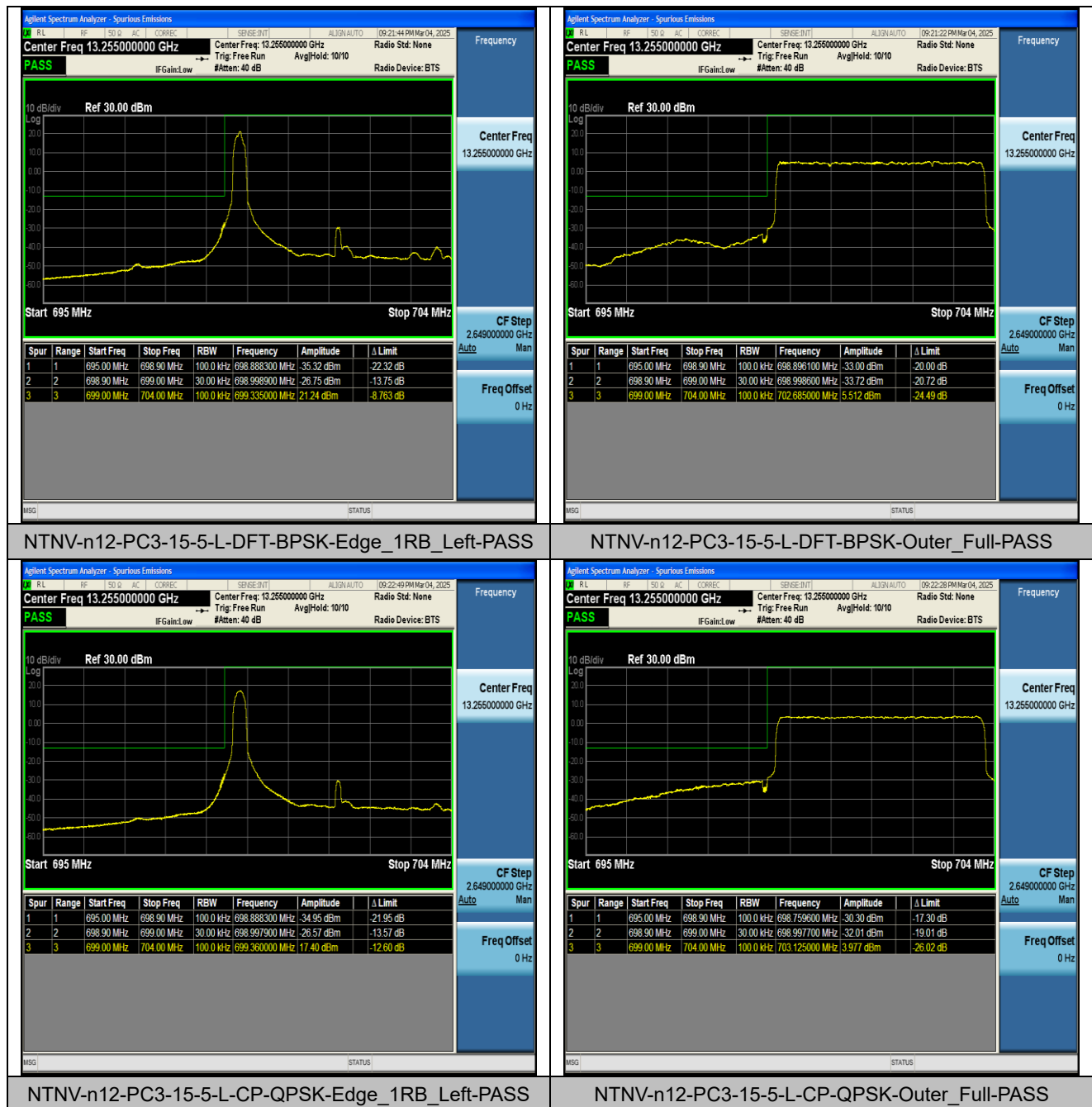


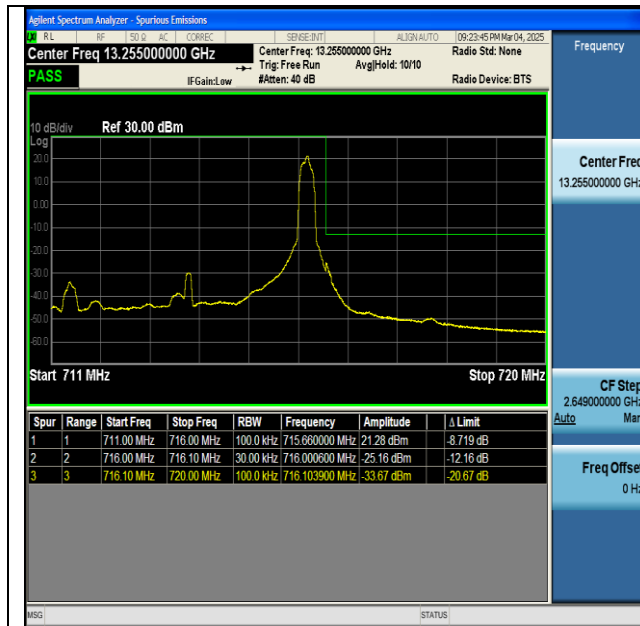
NTNV-n12-PC3-15-15-H-CP-64QAM-Outer_Full-Ant1-PASS



Band Edge for SA

Test Graphs

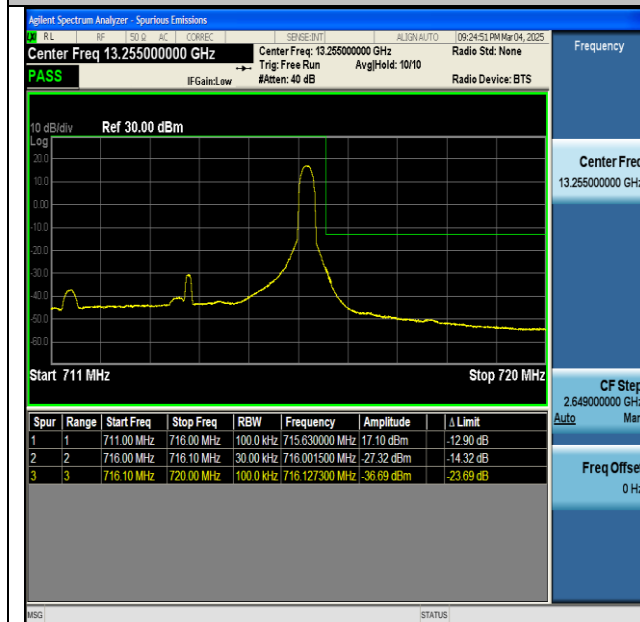




NTNV-n12-PC3-15-5-H-DFT-BPSK-Edge_1RB_Right-PASS



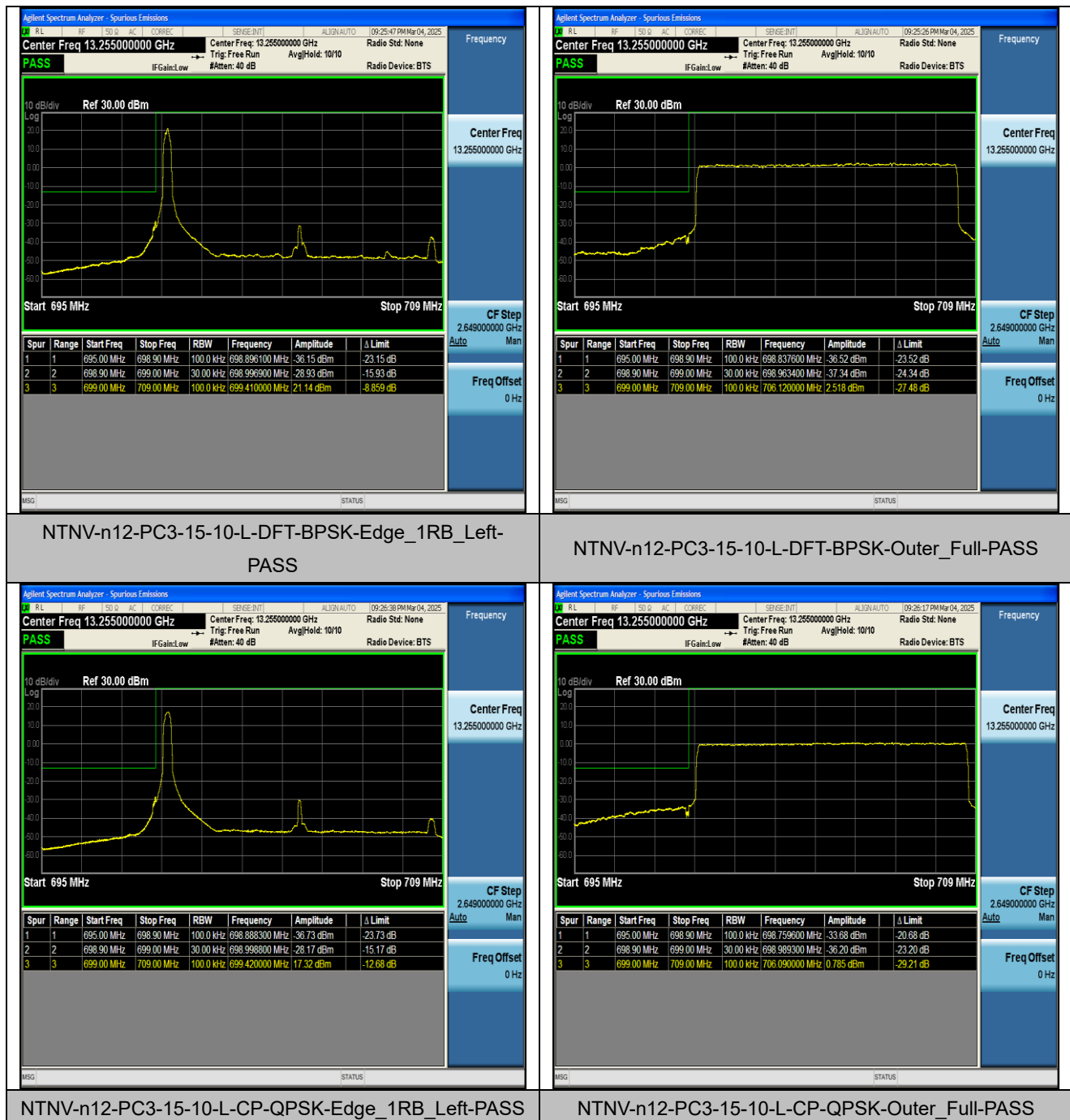
NTNV-n12-PC3-15-5-H-DFT-BPSK-Outer_Full-PASS

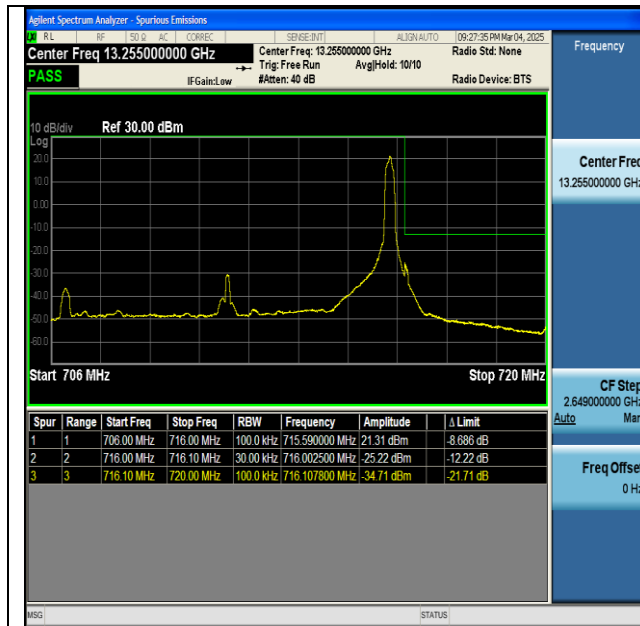


NTNV-n12-PC3-15-5-H-CP-QPSK-Edge_1RB_Right-PASS

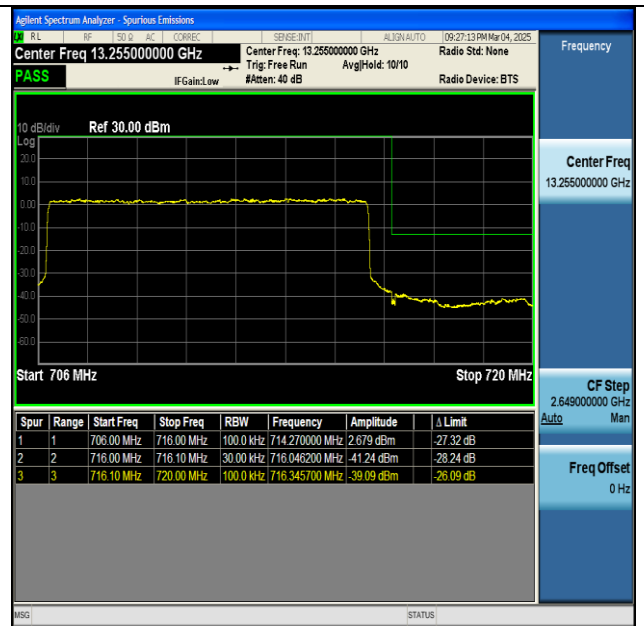


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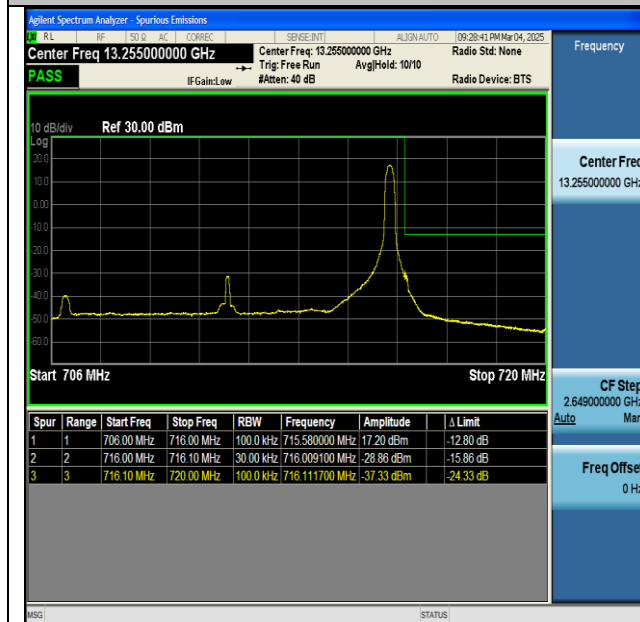




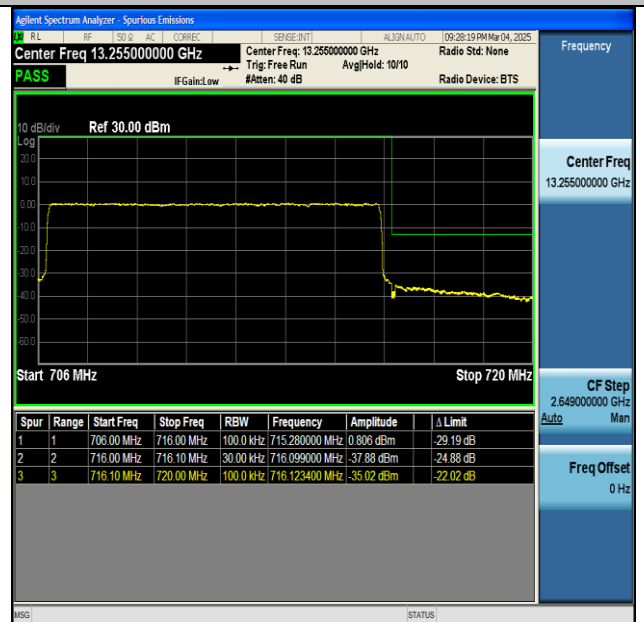
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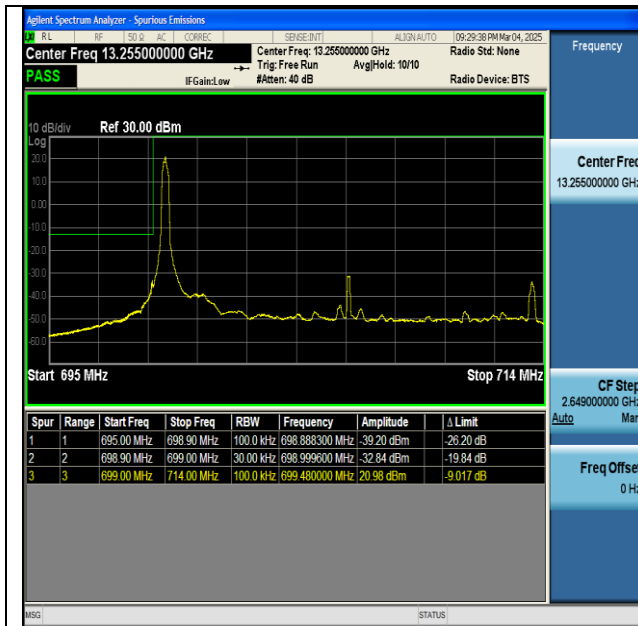
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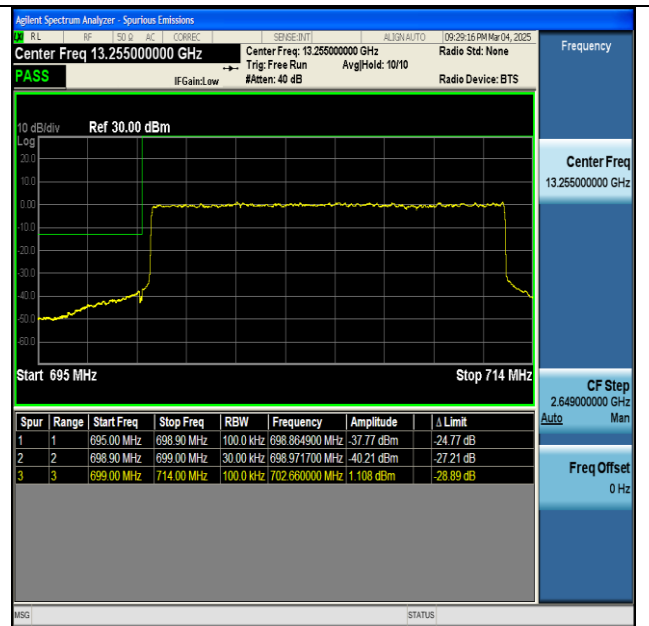
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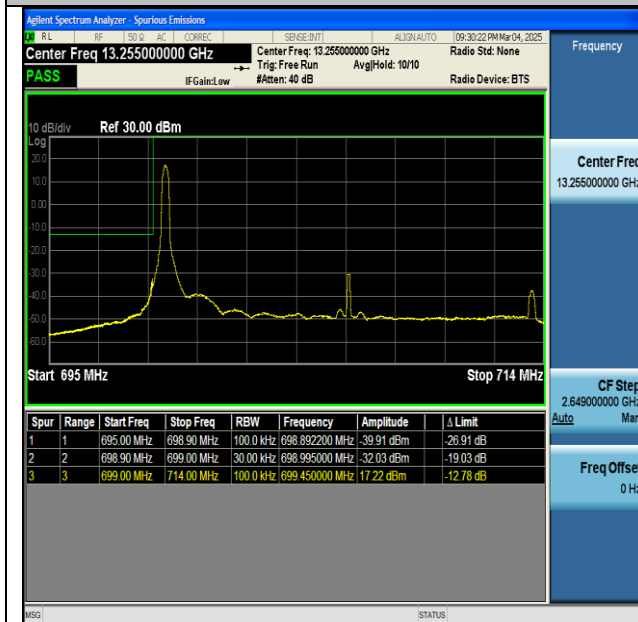
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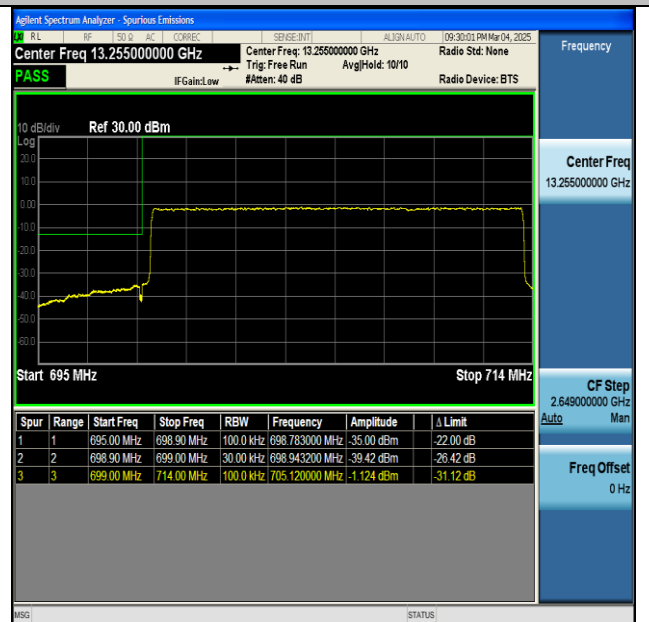
NTNV-n12-PC3-15-15-L-DFT-BPSK-Edge_1RB_Left-PASS



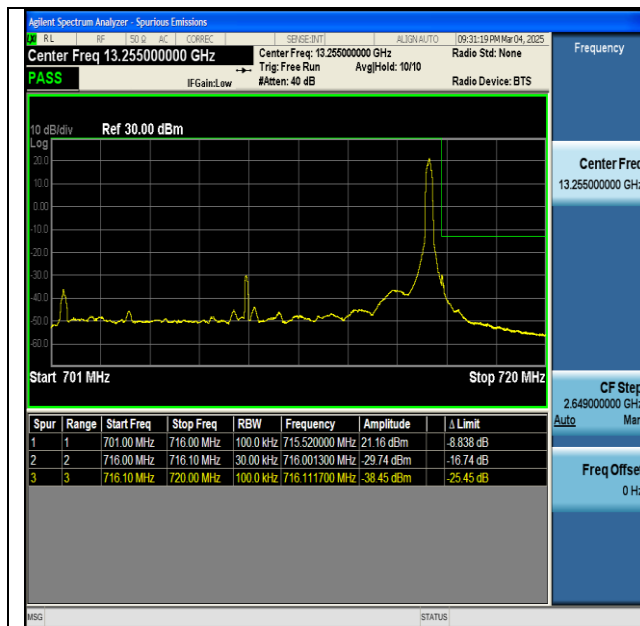
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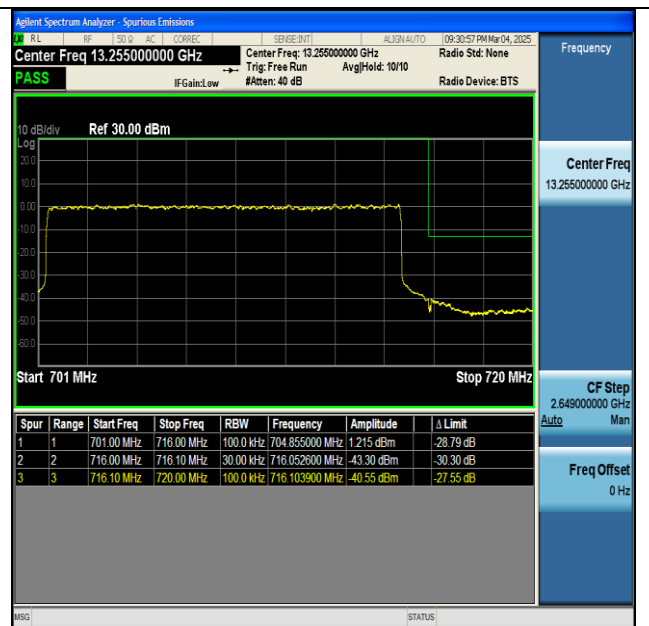
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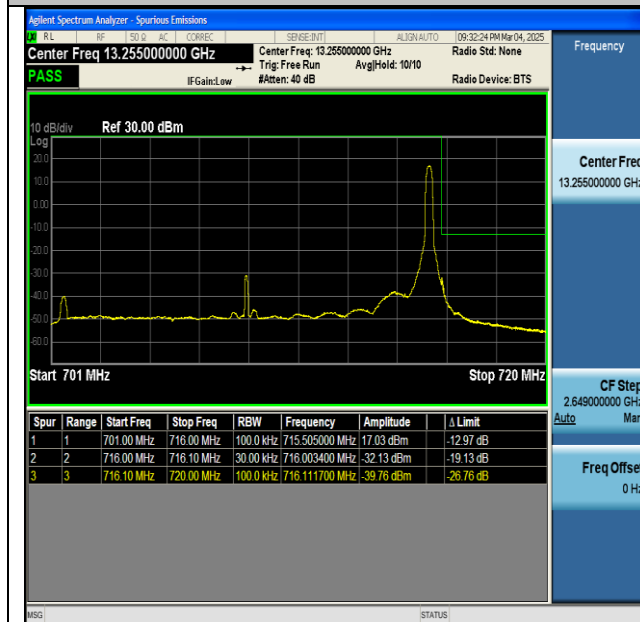
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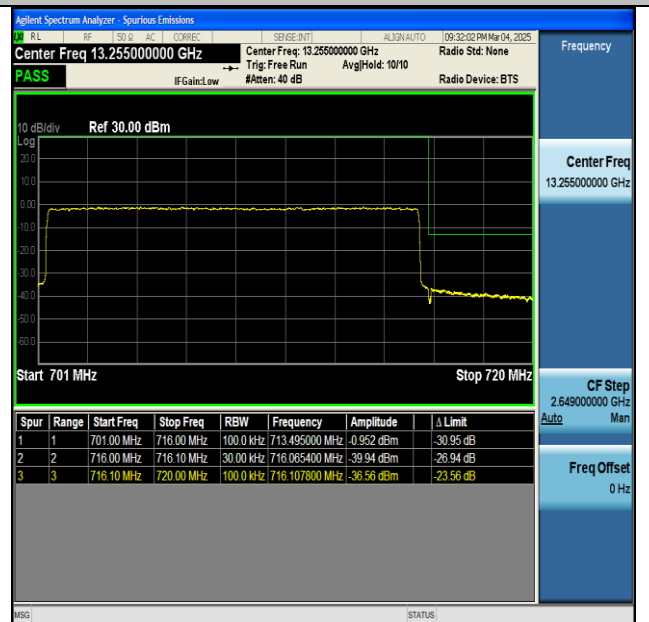
NTNV-n12-PC3-15-15-H-DFT-BPSK-Edge_1RB_Right-PASS



NTNV-n12-PC3-15-15-H-DFT-BPSK-Outer_Full-PASS



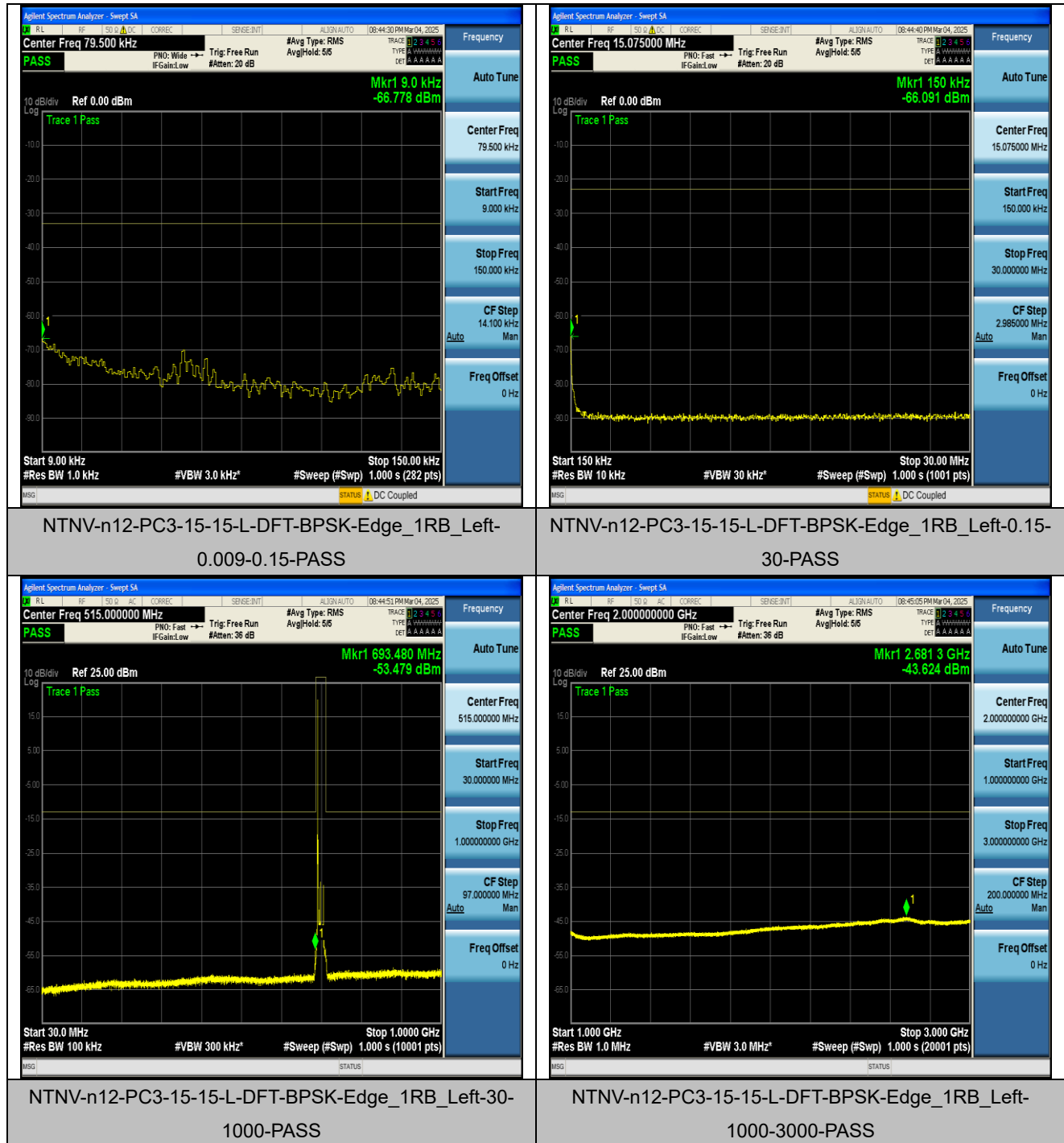
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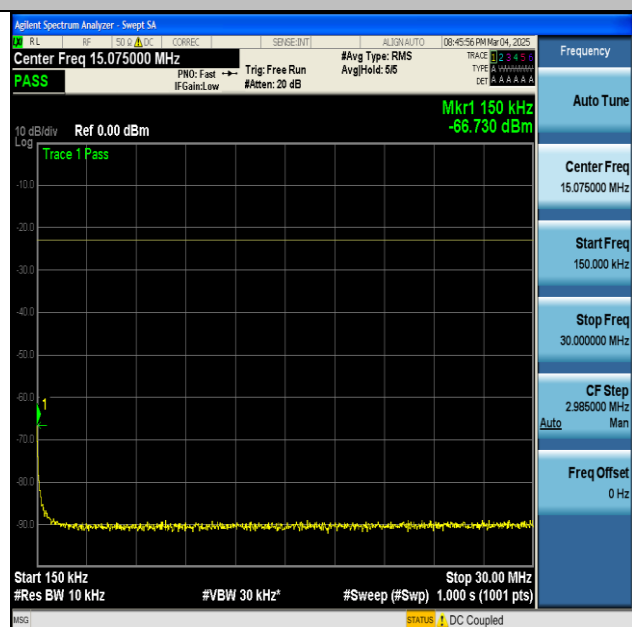
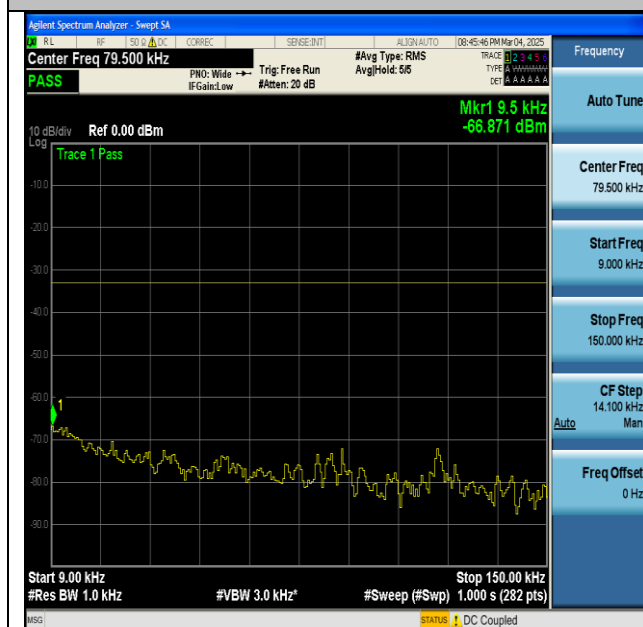
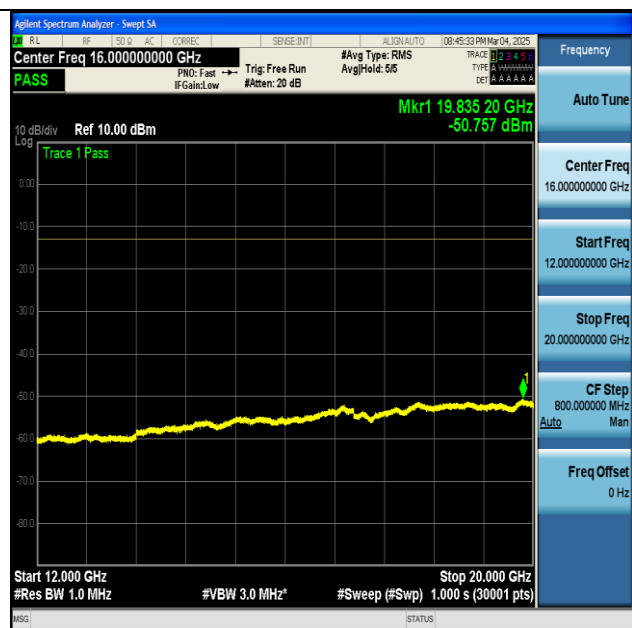


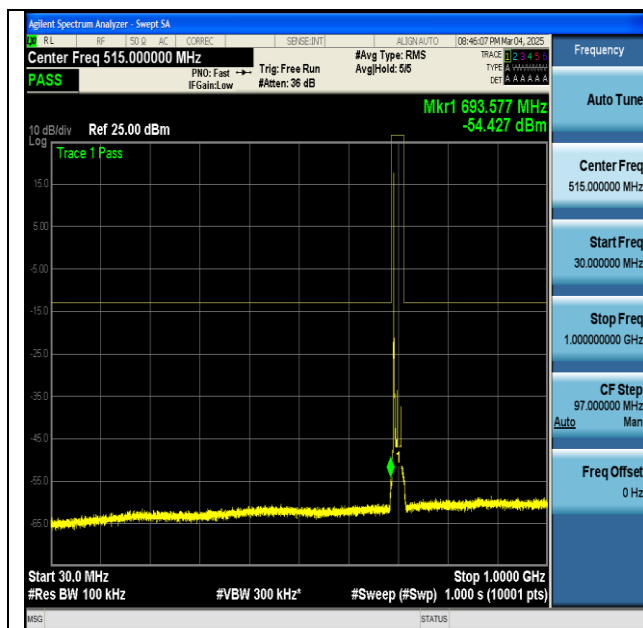
NTNV-n12-PC3-15-15-H-CP-QPSK-Outer_Full-PASS

Conducted Spurious Emission for SA

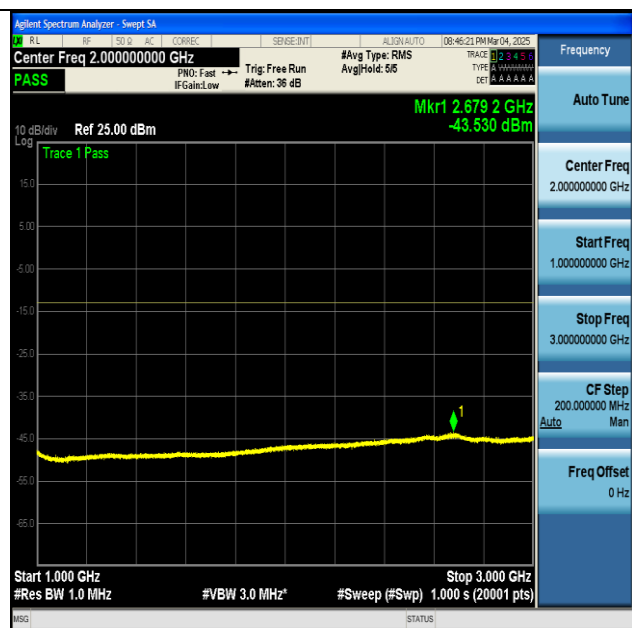
Test Graphs







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



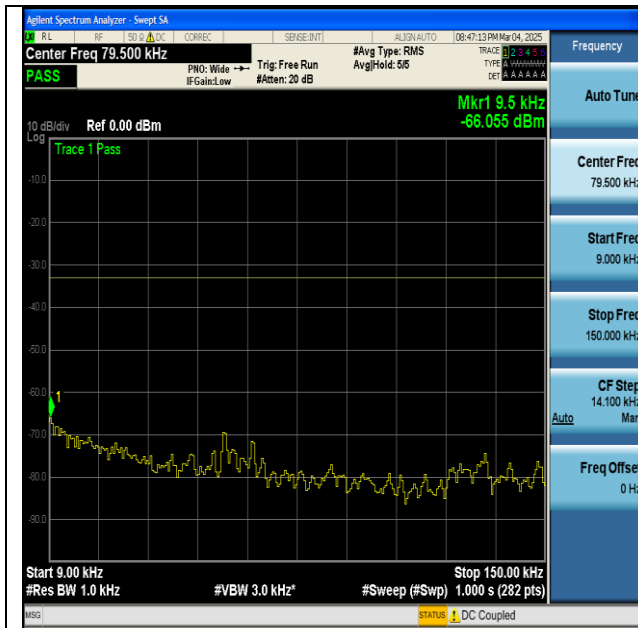
NTNV-n12-PC3-15-15-L-CP-QPSK-Edge_1RB_Left-1000-3000-PASS



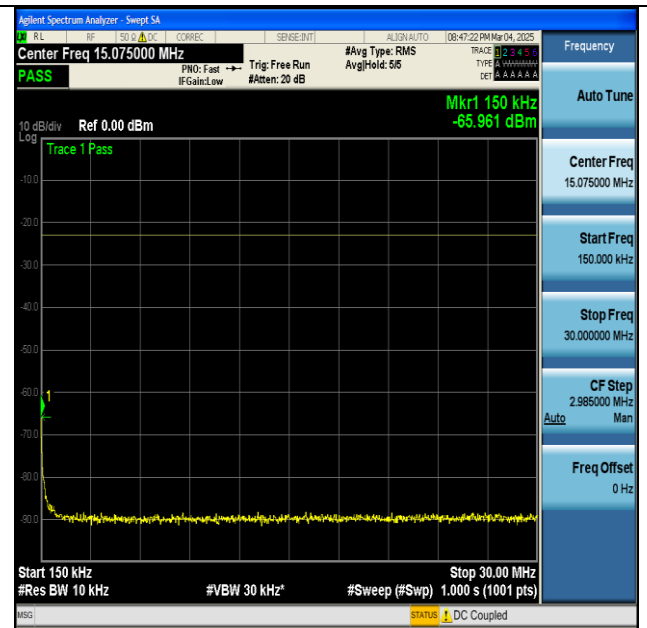
NTNV-n12-PC3-15-15-L-CP-QPSK-Edge_1RB_Left-3000-12000-PASS



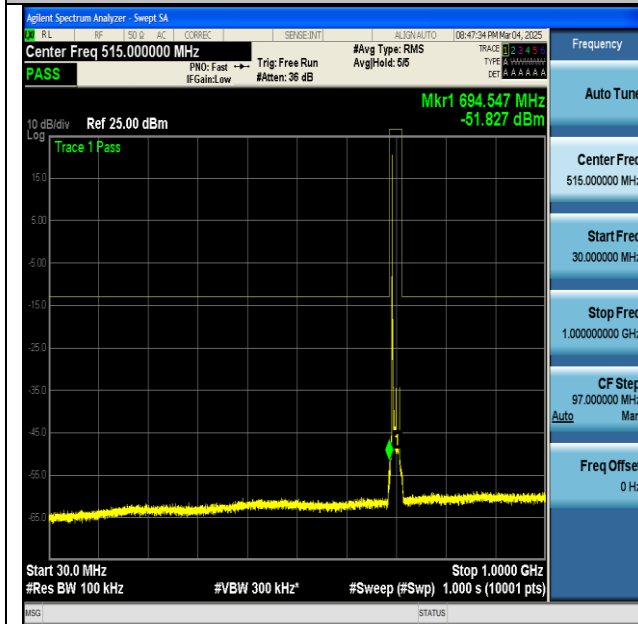
NTNV-n12-PC3-15-15-L-CP-QPSK-Edge_1RB_Left-12000-20000-PASS



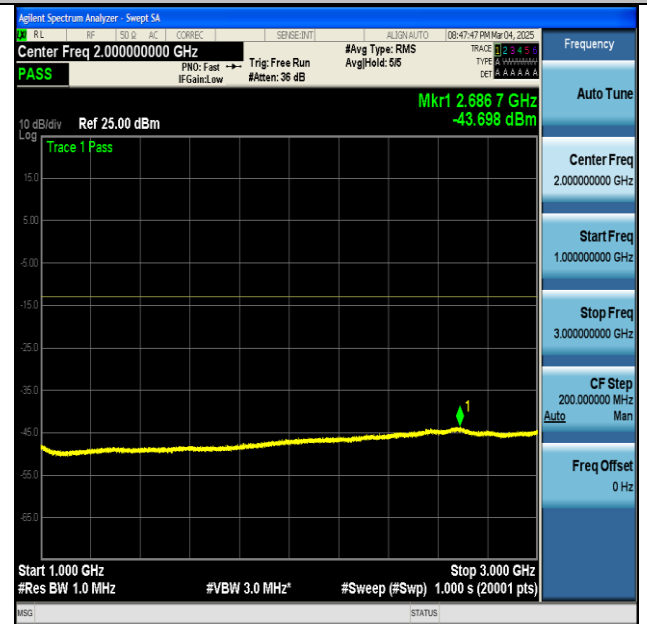
NTNV-n12-PC3-15-15-M-DFT-BPSK-Edge_1RB_Left-
0.009-0.15-PASS



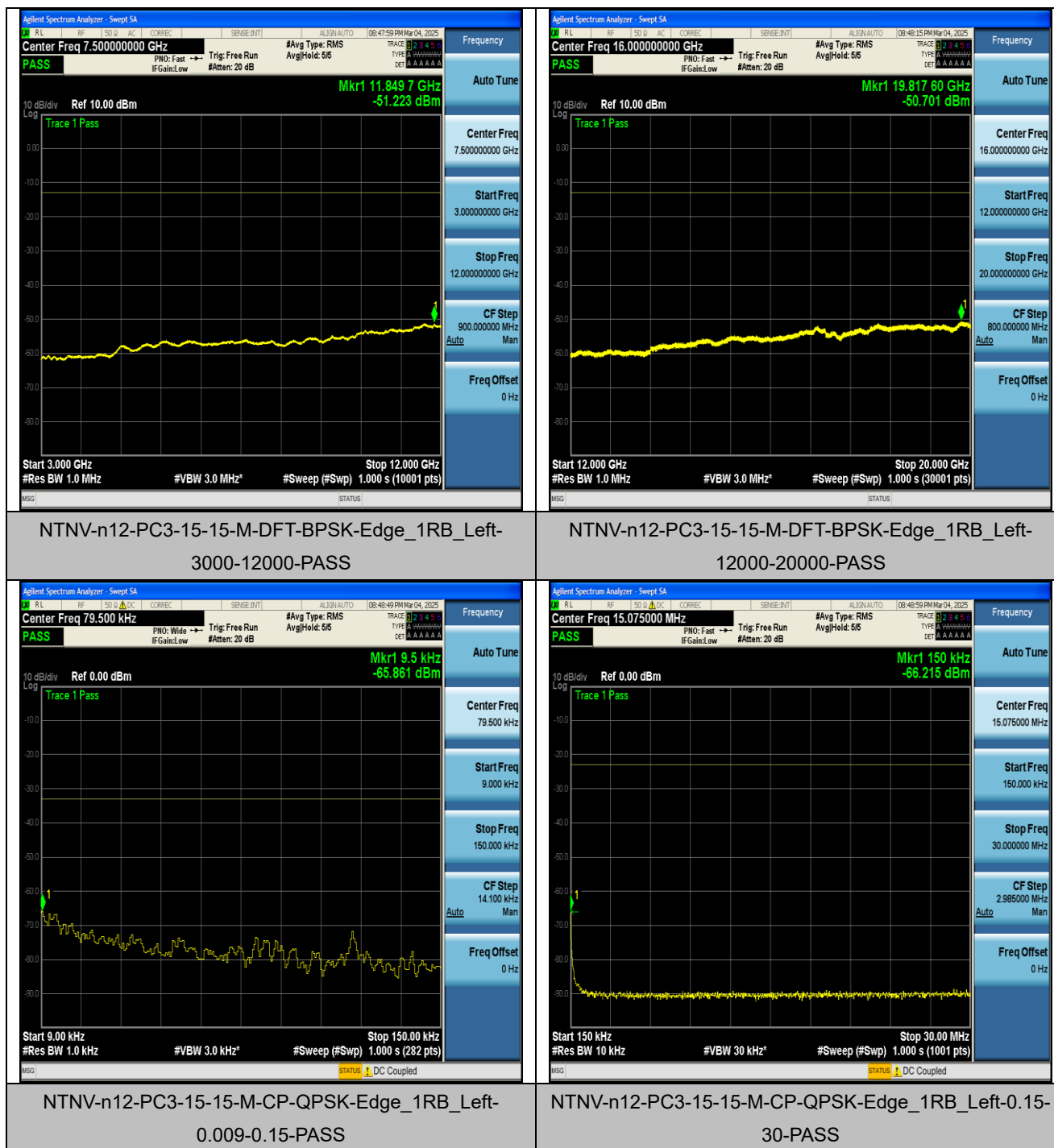
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0.15-30-PASS

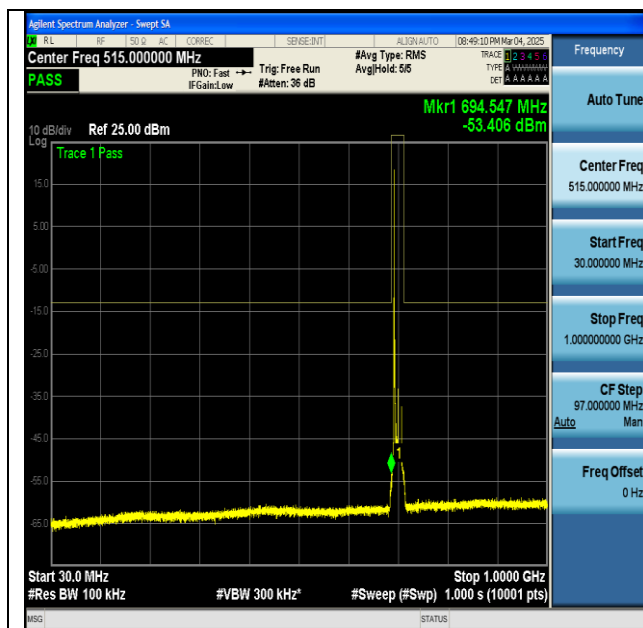


NTNV-n12-PC3-15-15-M-DFT-BPSK-Edge_1RB_Left-30-
1000-PASS

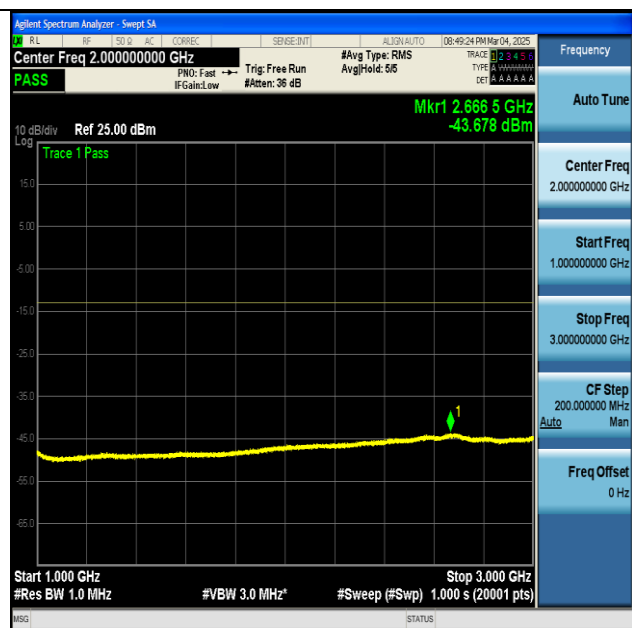


NTNV-n12-PC3-15-15-M-DFT-BPSK-Edge_1RB_Left-
1000-3000-PASS





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



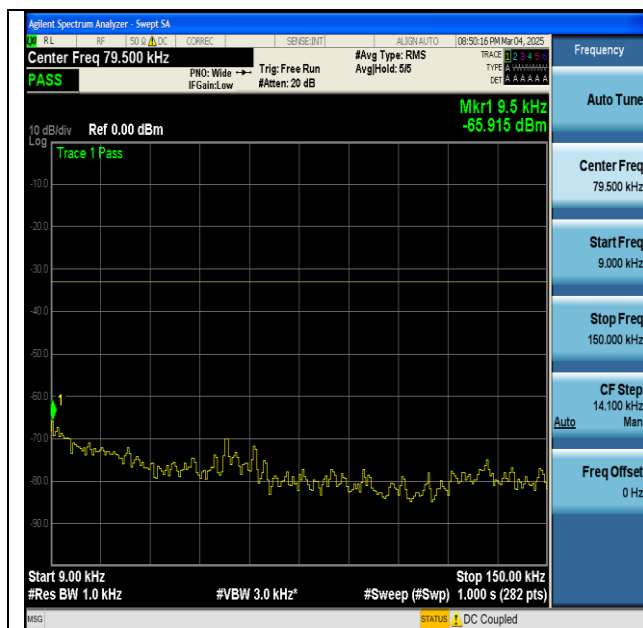
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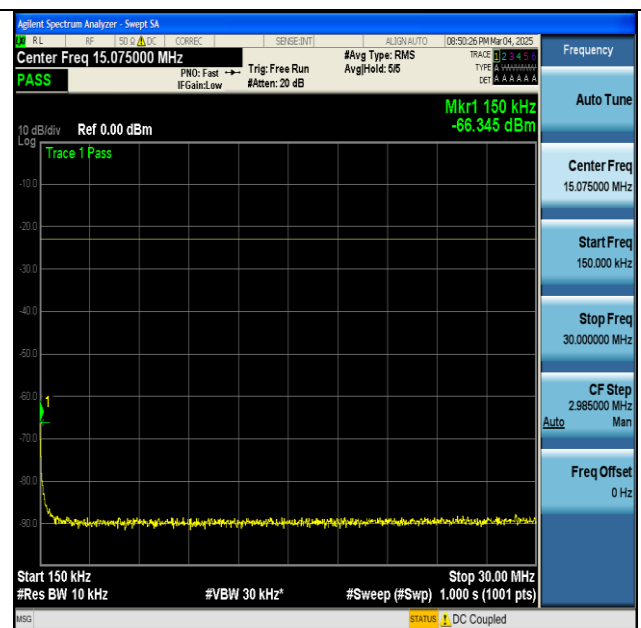
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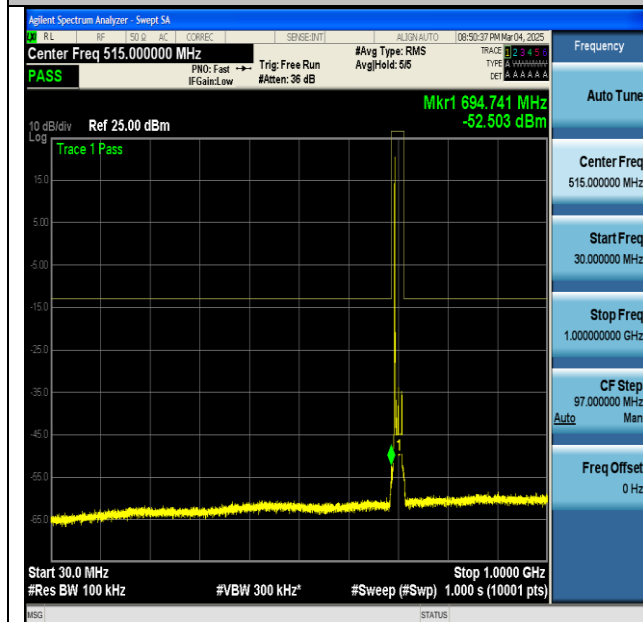
NTNV-n12-PC3-15-15-M-CP-QPSK-Edge_1RB_Left-12000-20000-PASS



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



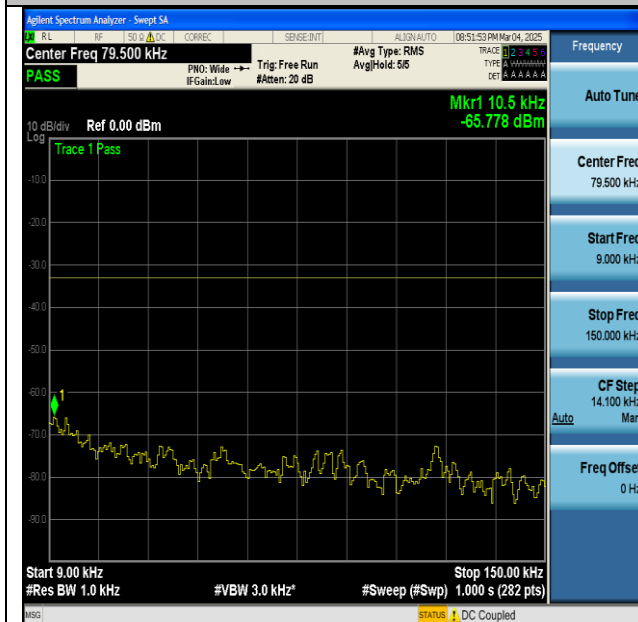
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1000-3000-PASS



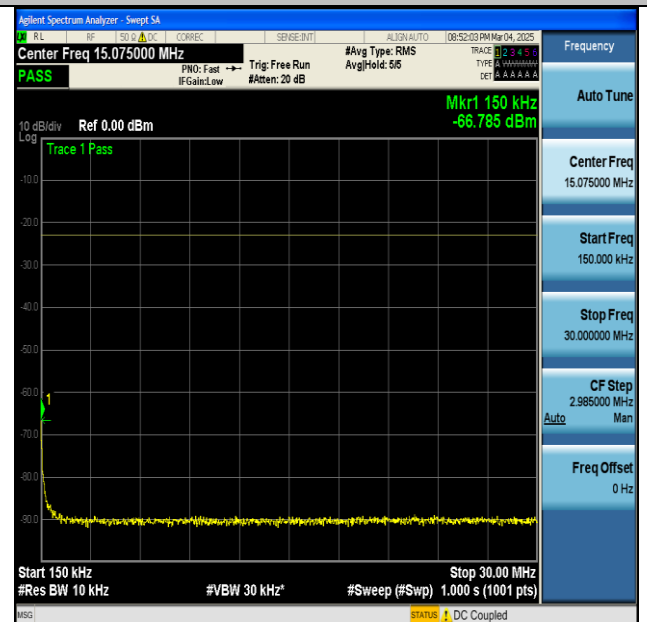
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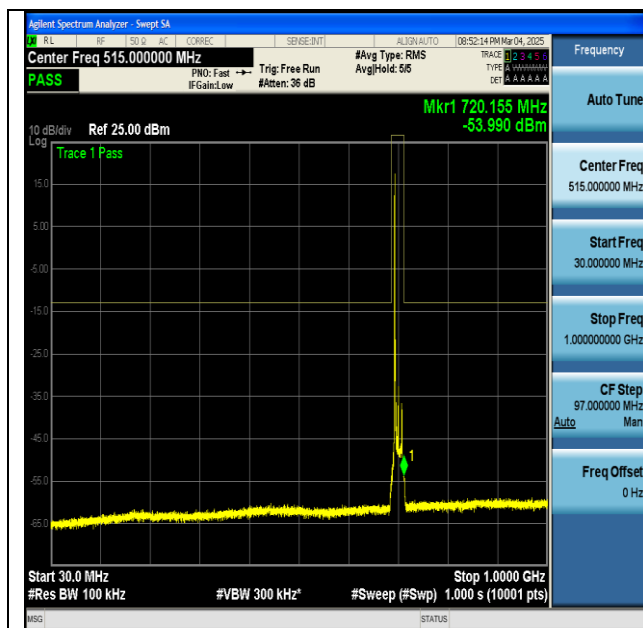
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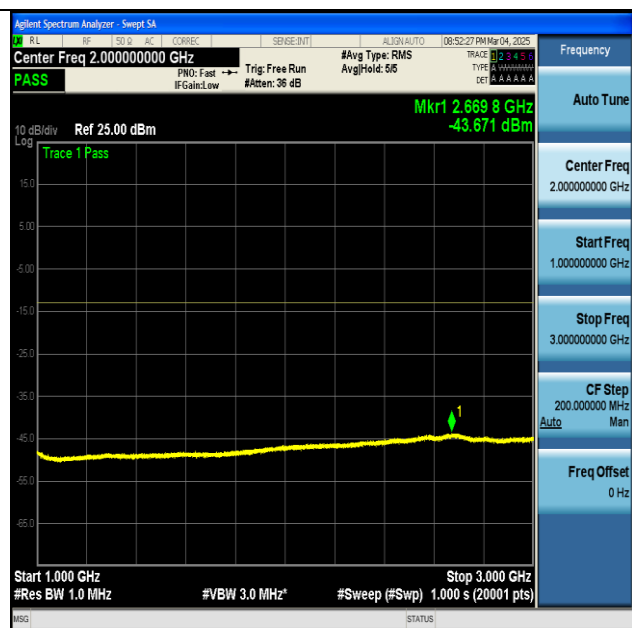
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NTNV-n12-PC3-15-15-H-CP-QPSK-Edge_1RB_Left-0.15-30-PASS



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	-3.4	-0.004806	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	VN	NT	-3.8	-0.005371	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	VH	NT	-3.9	-0.005512	PASS
n12	15	15	CP-QPSK	M	Outer_Full	VL	NT	-7.1	-0.010035	PASS
n12	15	15	CP-QPSK	M	Outer_Full	VN	NT	-5.6	-0.007915	PASS
n12	15	15	CP-QPSK	M	Outer_Full	VH	NT	-5.5	-0.007774	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	-6.6	-0.009329	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	-20	-5	-0.007067	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	-10	-4.6	-0.006502	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	0	-6.3	-0.008905	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	10	-6.8	-0.009611	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	20	-5.3	-0.007491	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	30	-4.8	-0.006784	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	40	-3	-0.00424	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	50	-6.2	-0.008763	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	-30	-5.9	-0.008339	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	-20	-6.2	-0.008763	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	-10	-7.2	-0.010177	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	0	-5.1	-0.007208	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	10	-6.2	-0.008763	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	20	-7.2	-0.010177	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	30	-6.8	-0.009611	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	40	-6.5	-0.009187	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	50	-8.2	-0.01159	PASS

~The End~