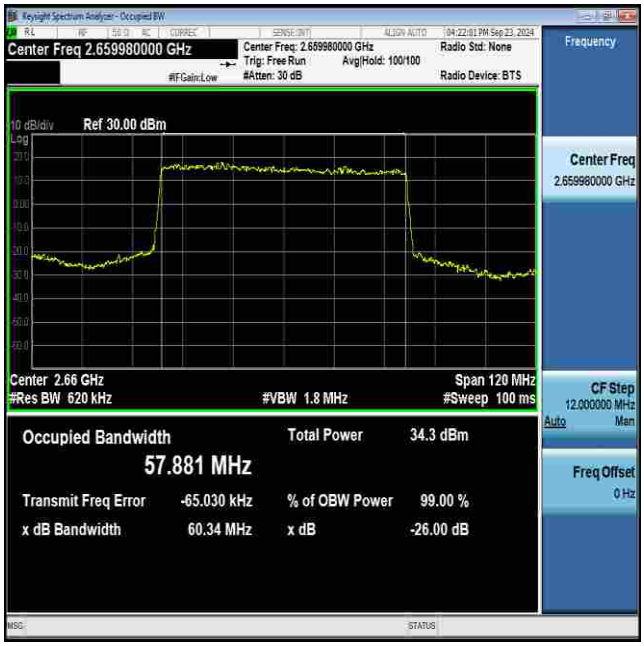

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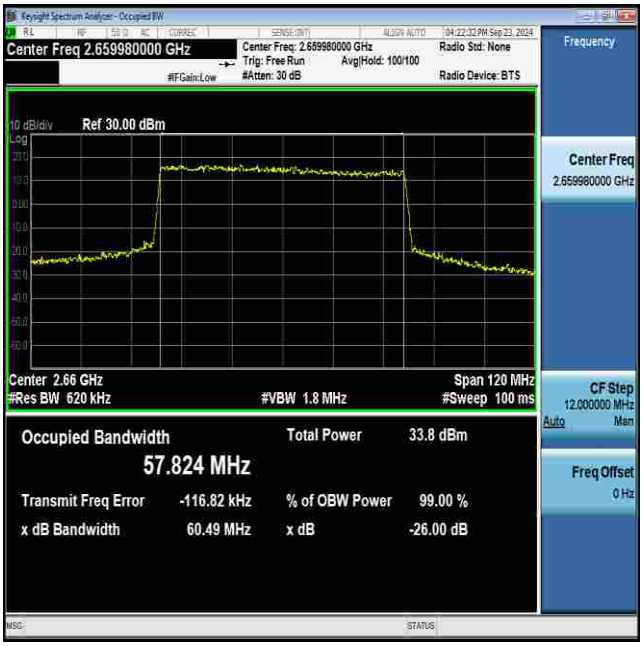

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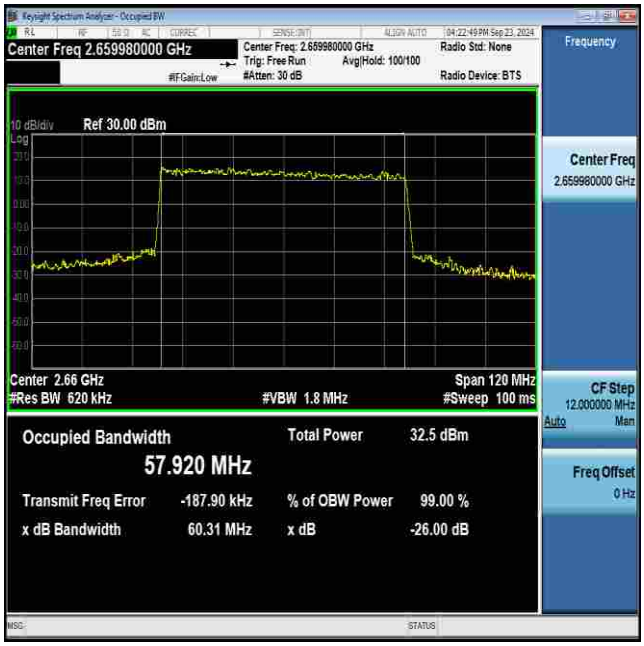

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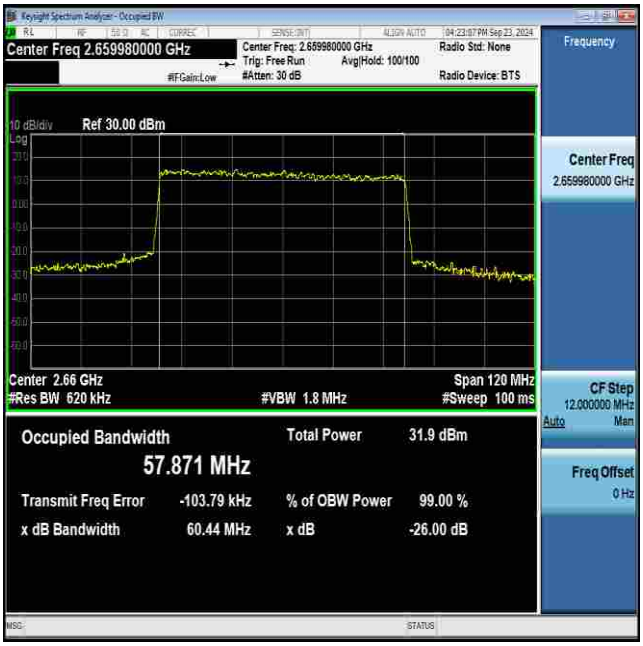

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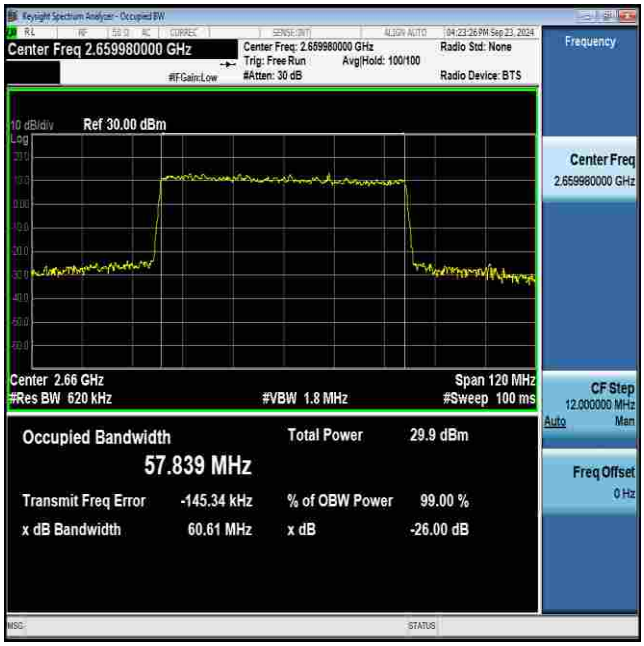

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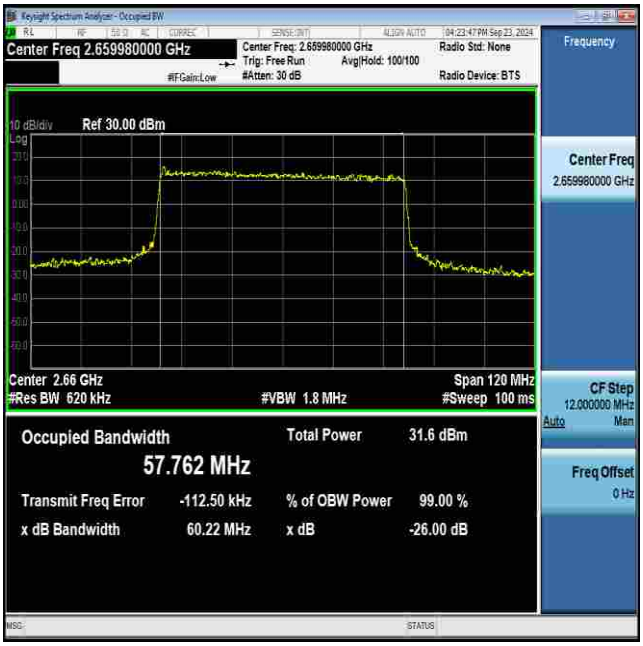

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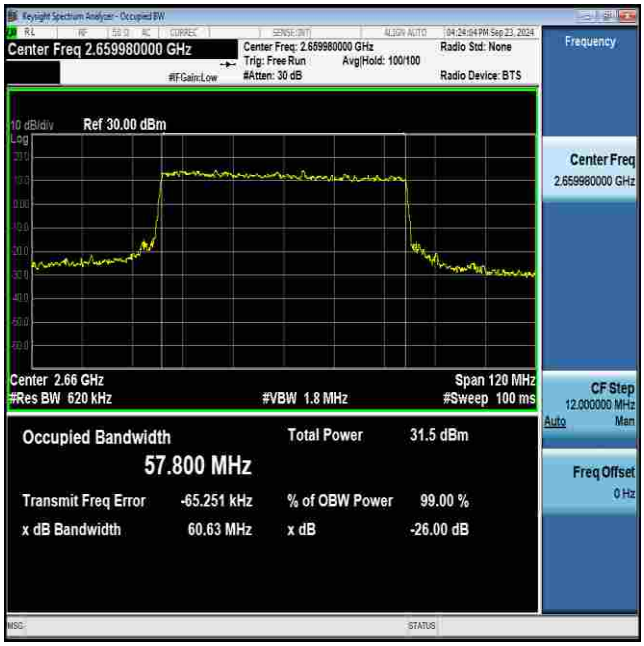

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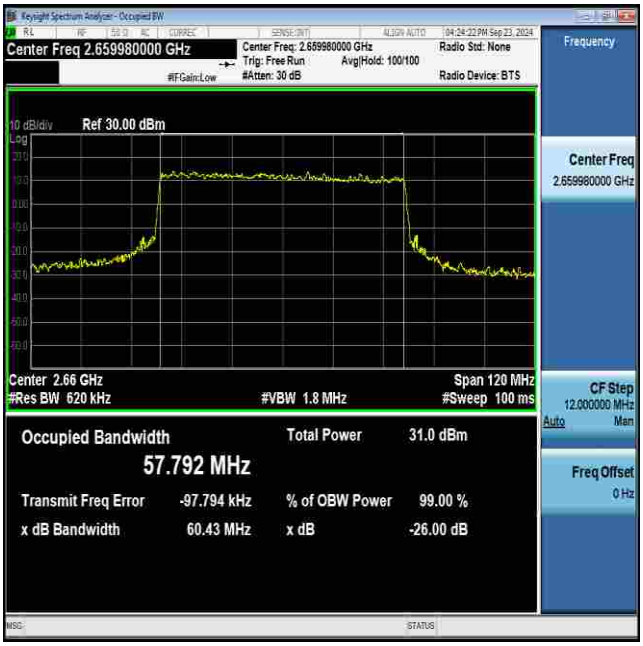

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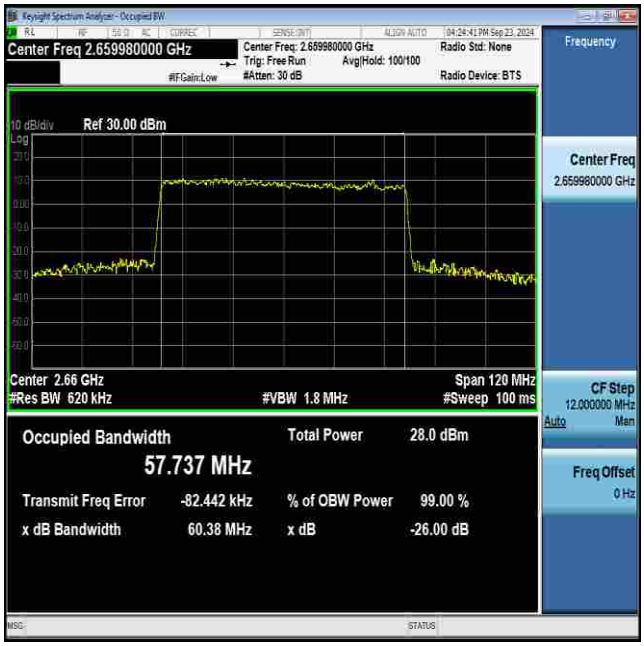

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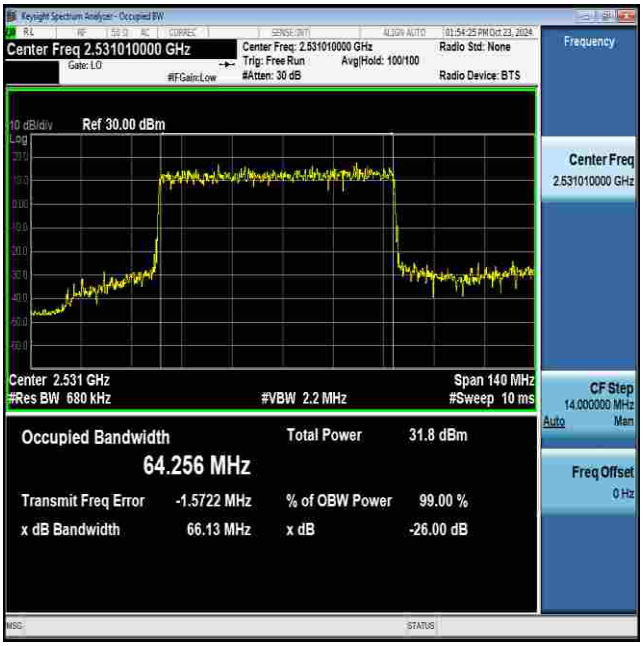

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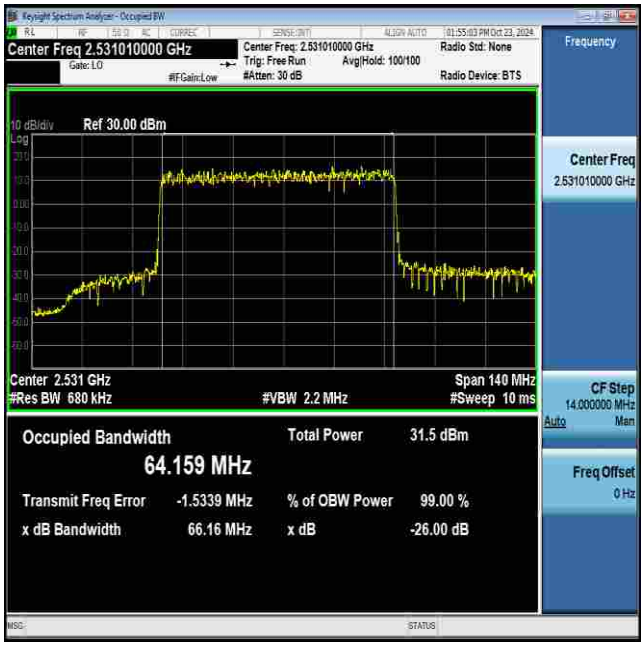

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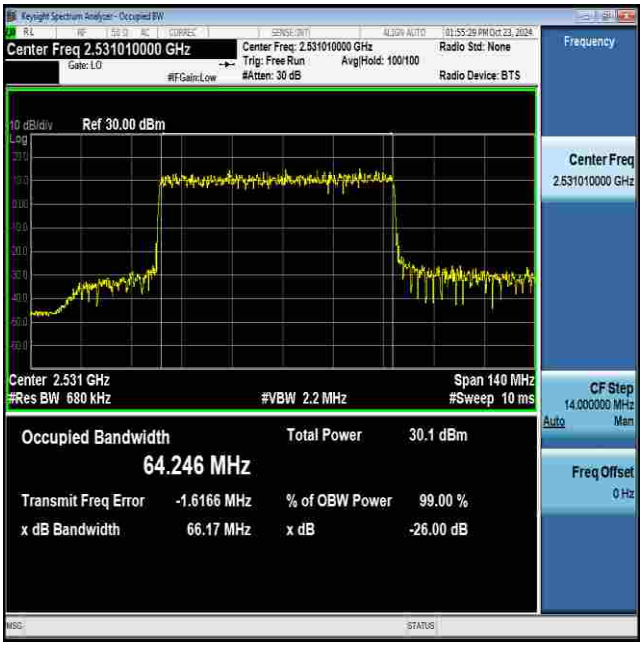

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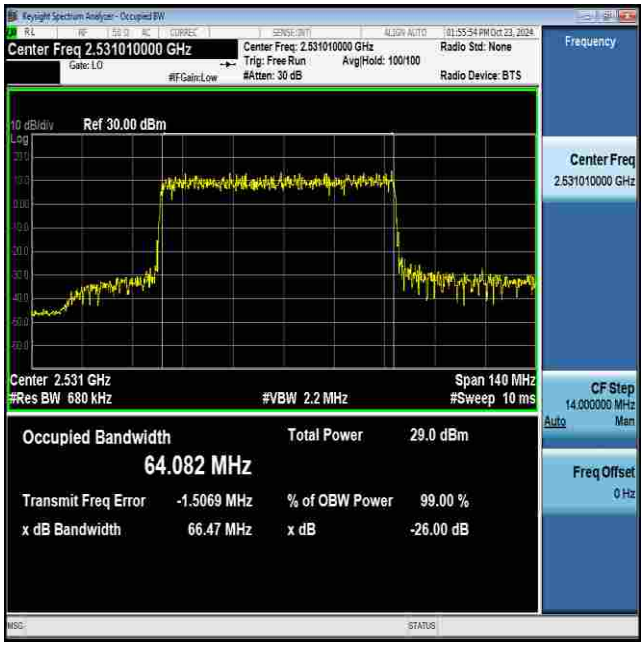

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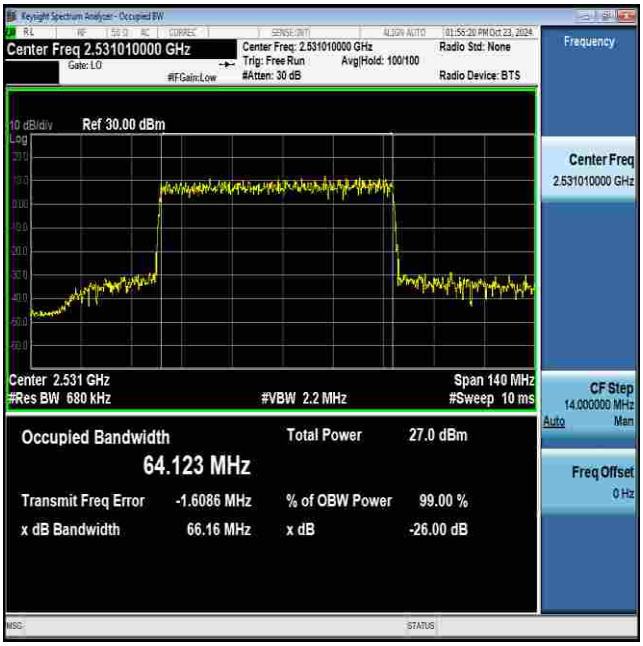

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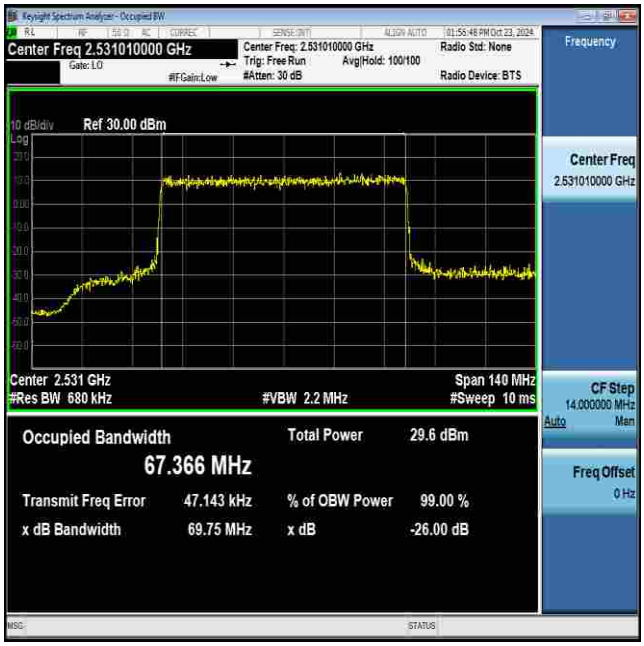

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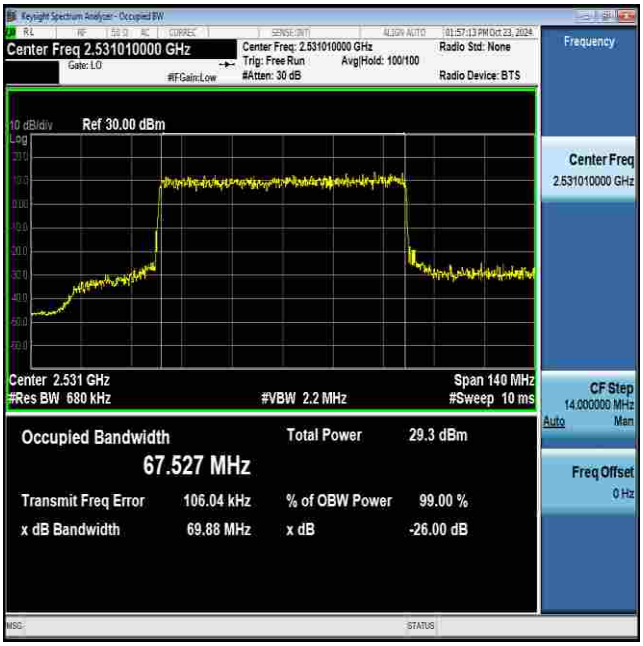

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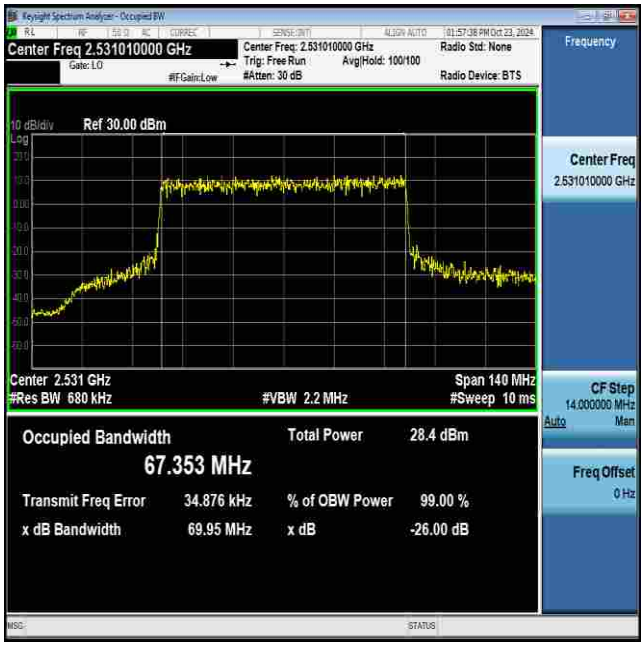

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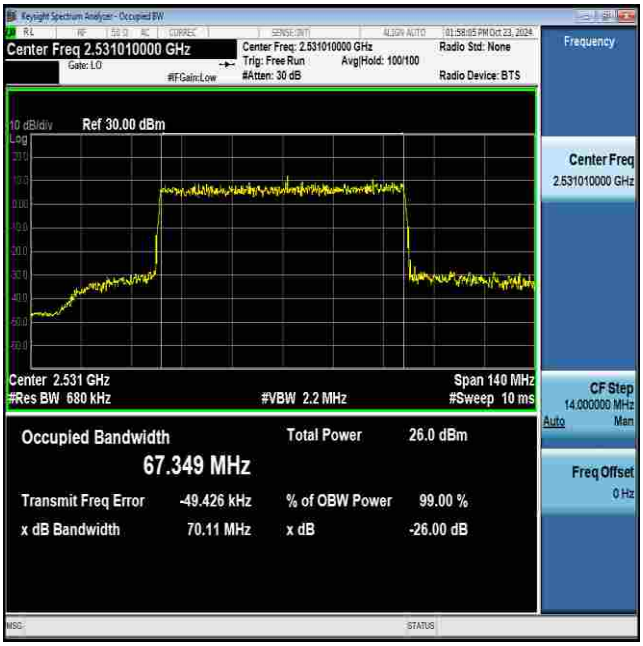

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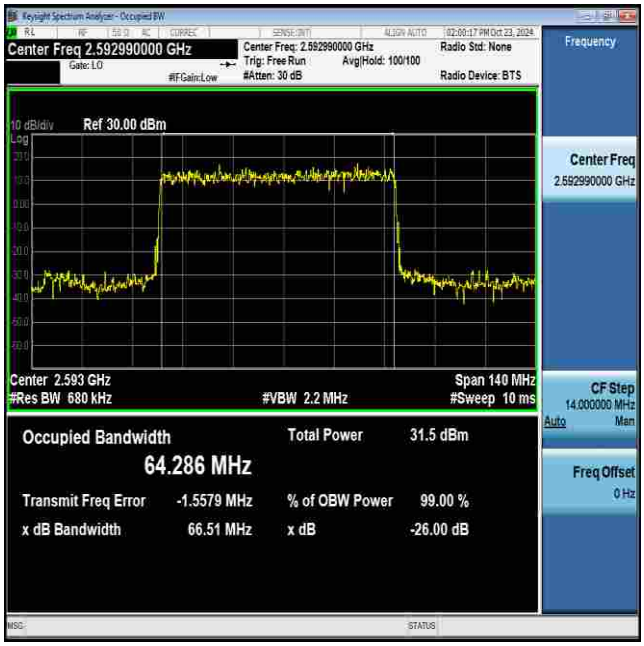

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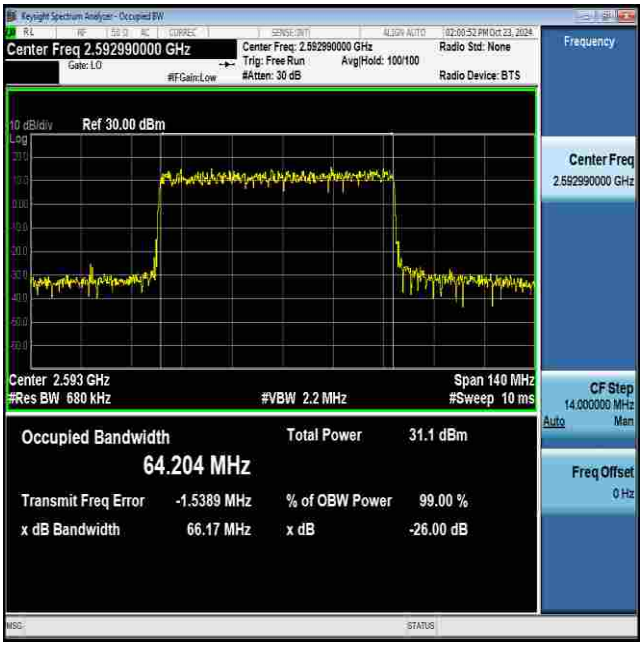

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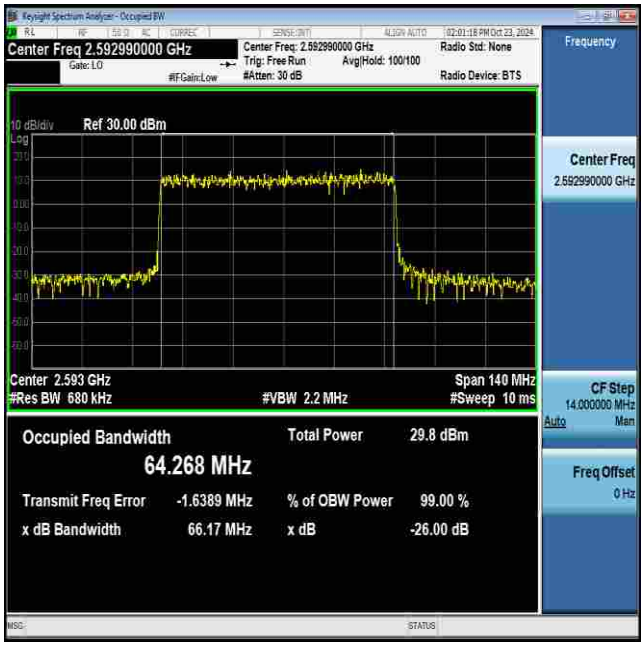

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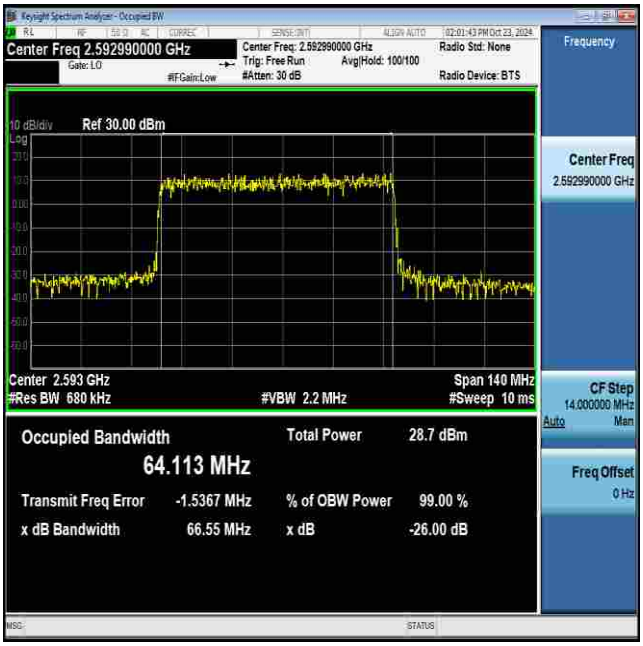

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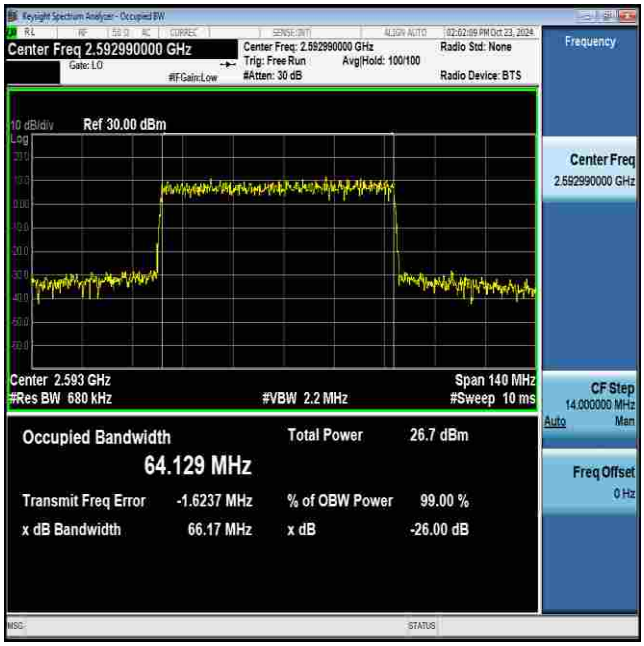

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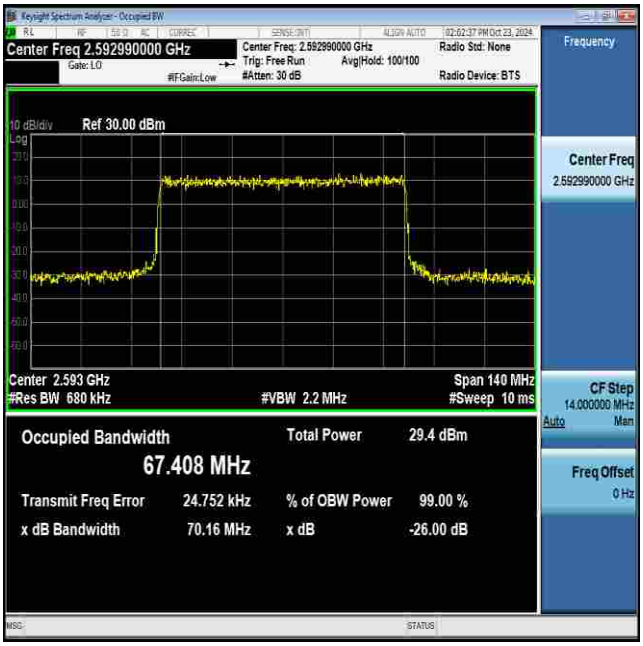

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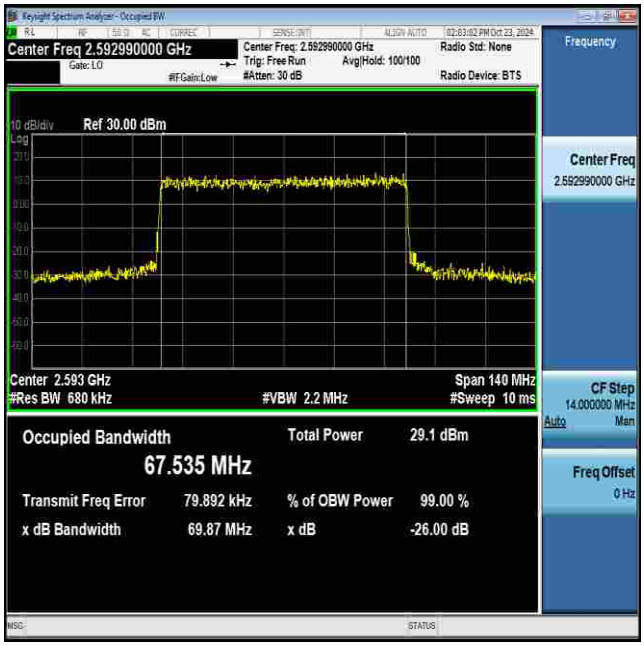

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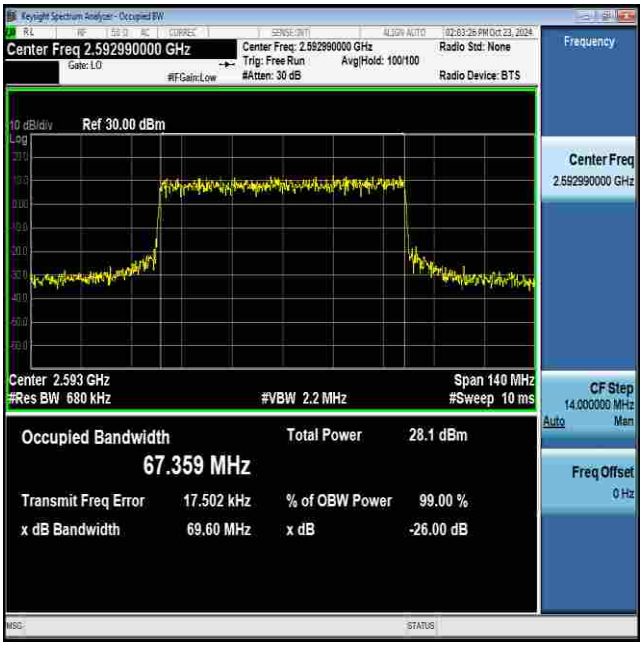

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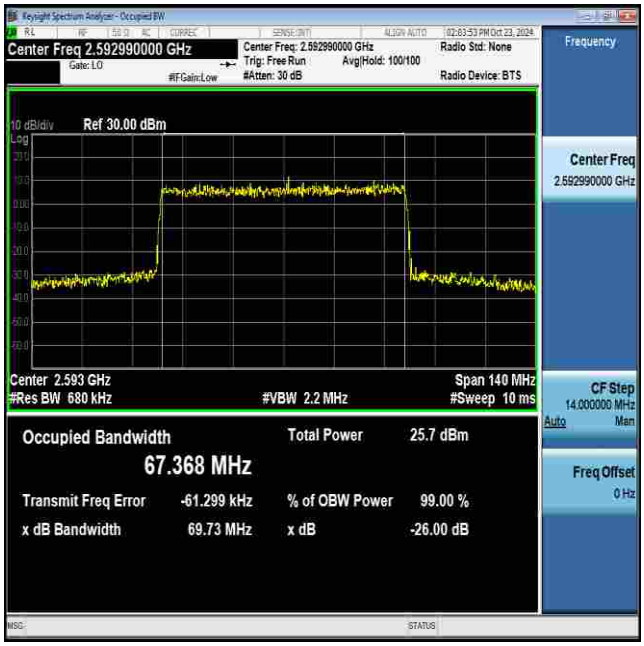

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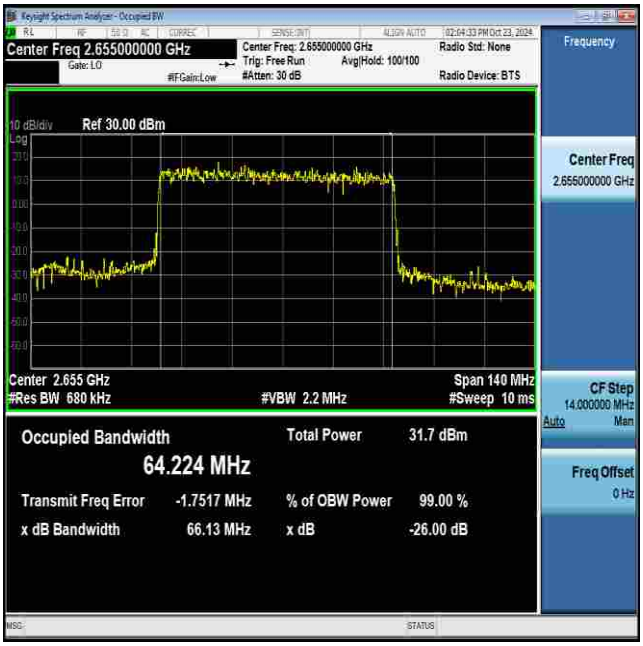

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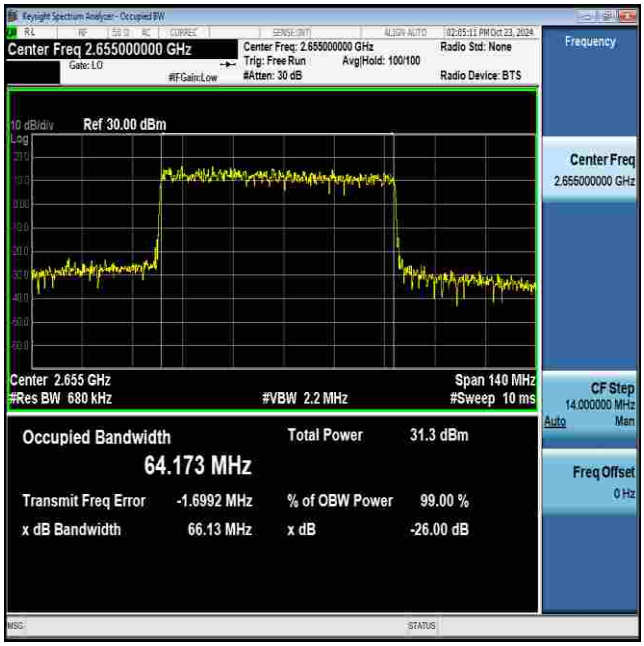

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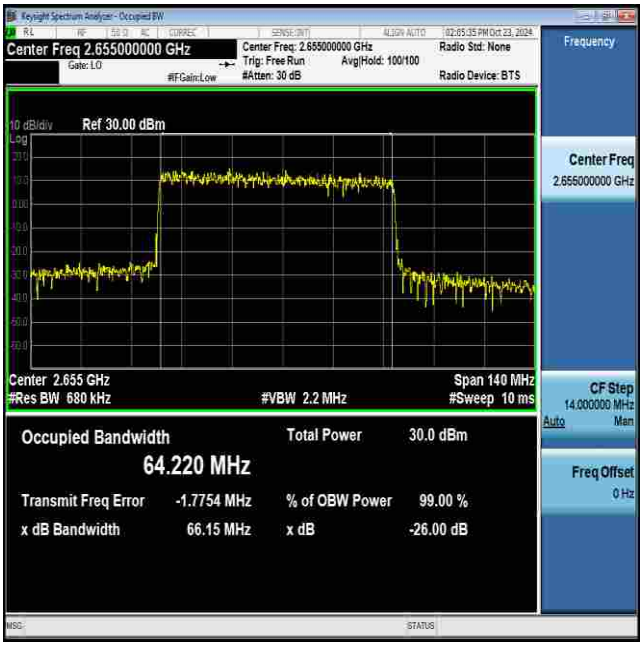

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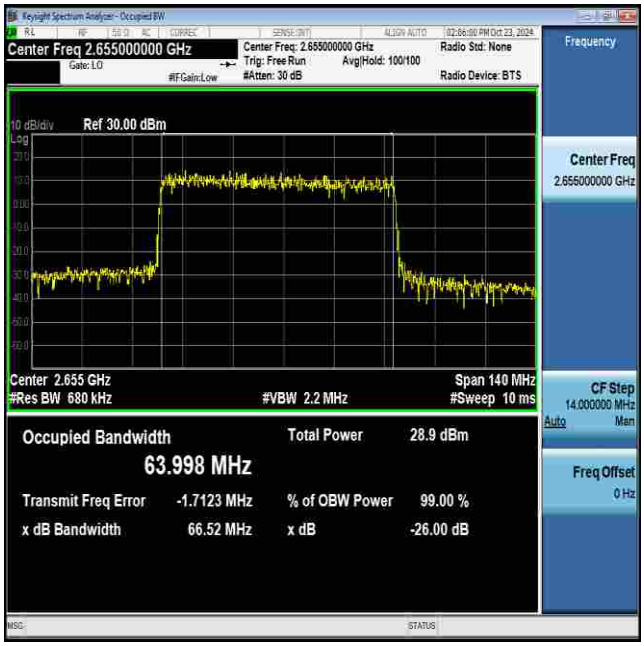

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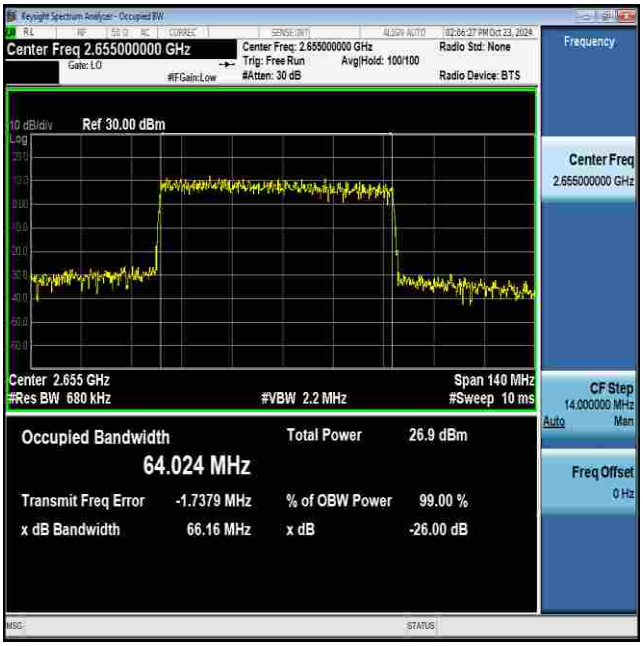

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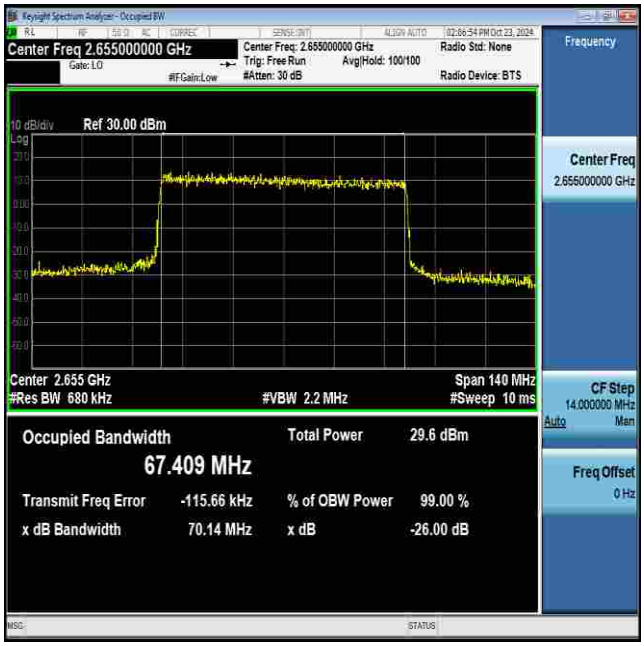

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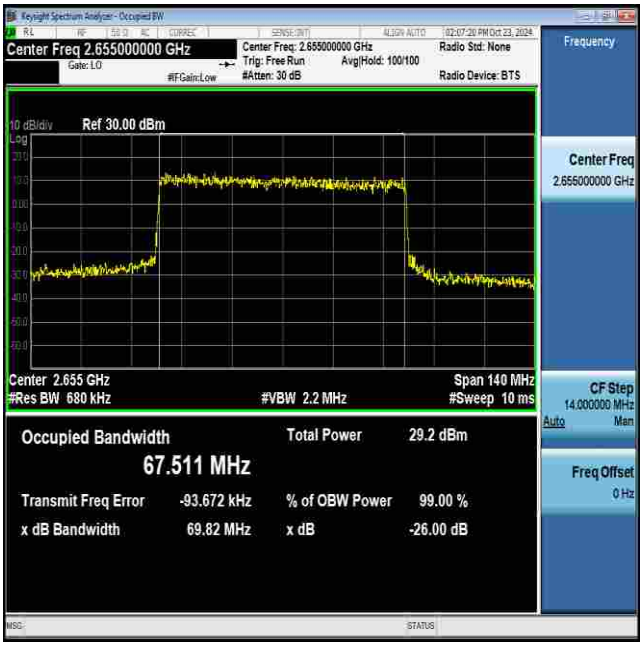

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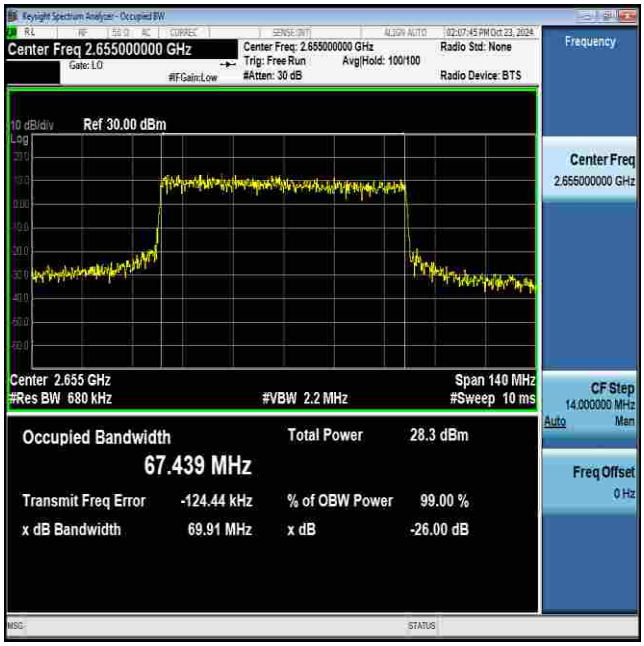

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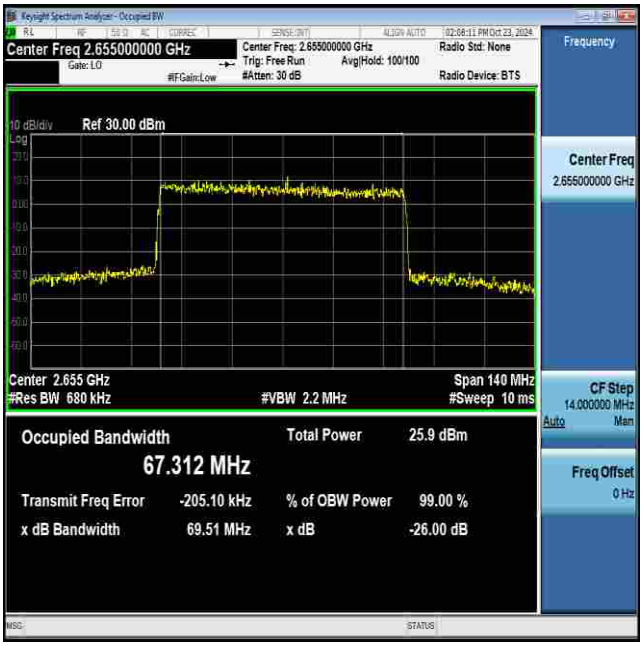

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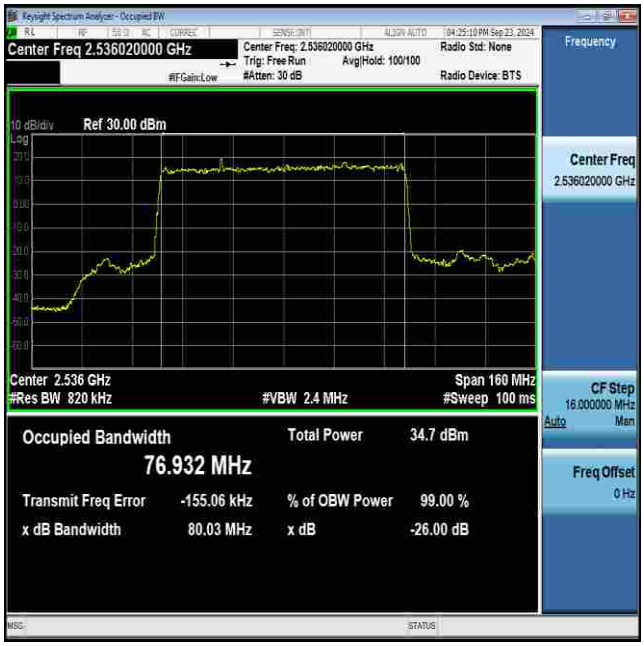

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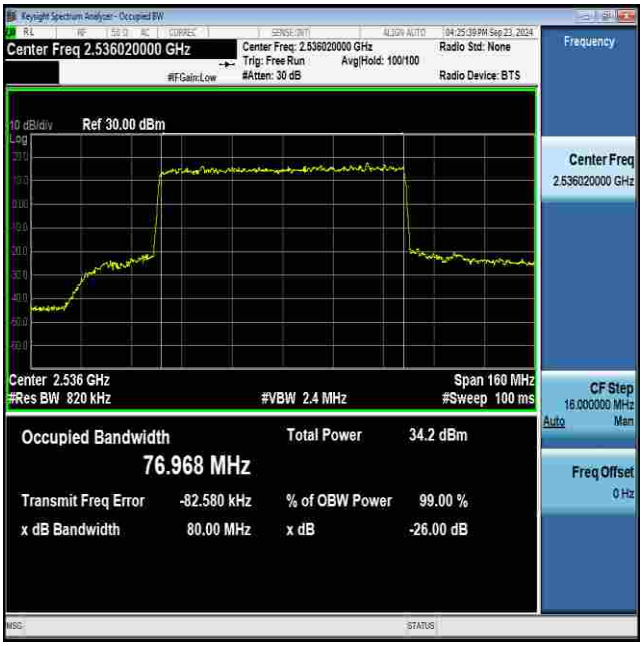

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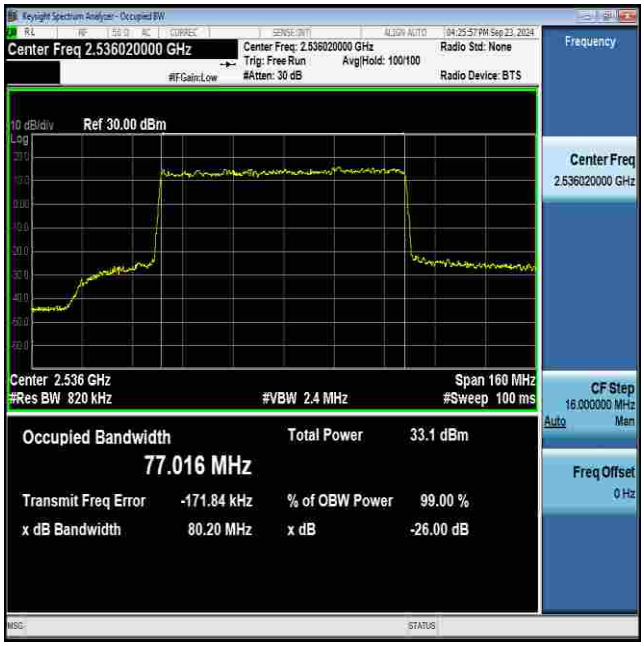

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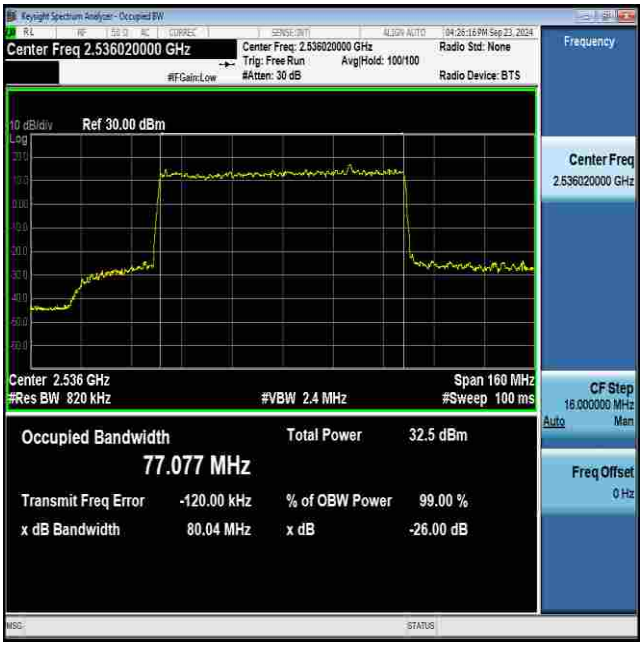

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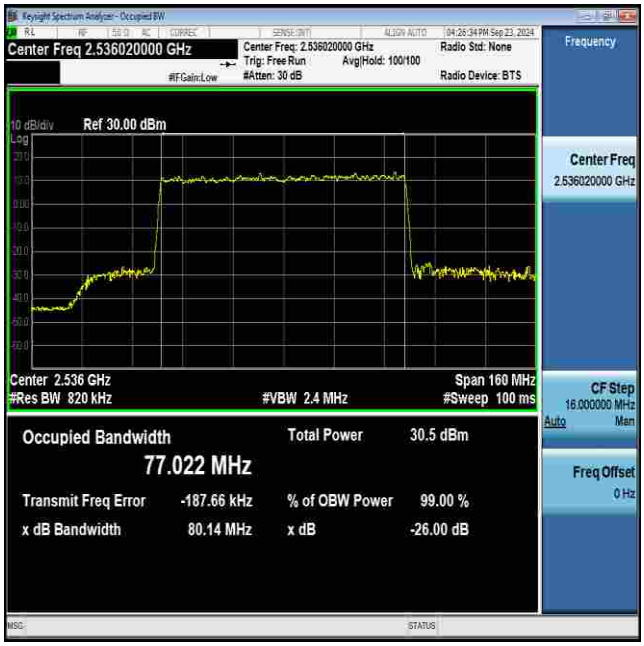

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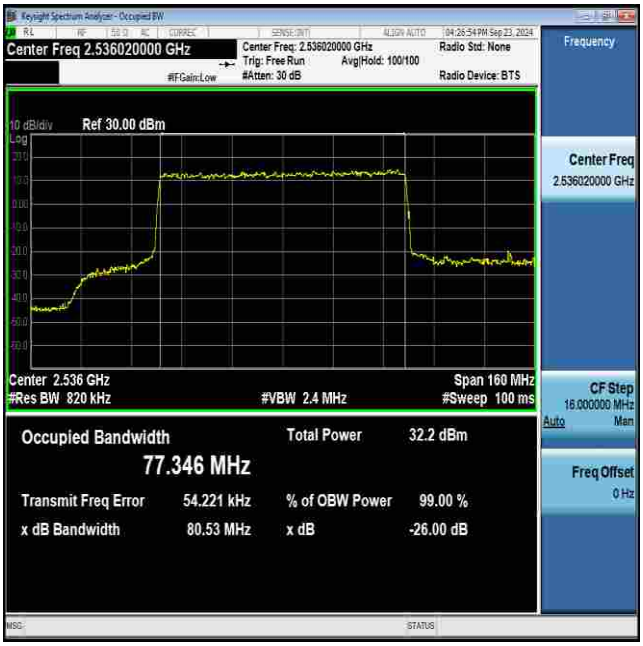

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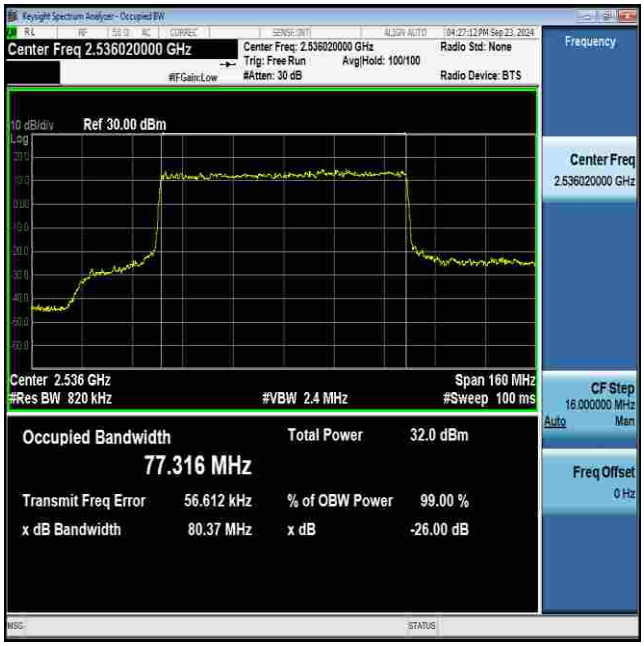

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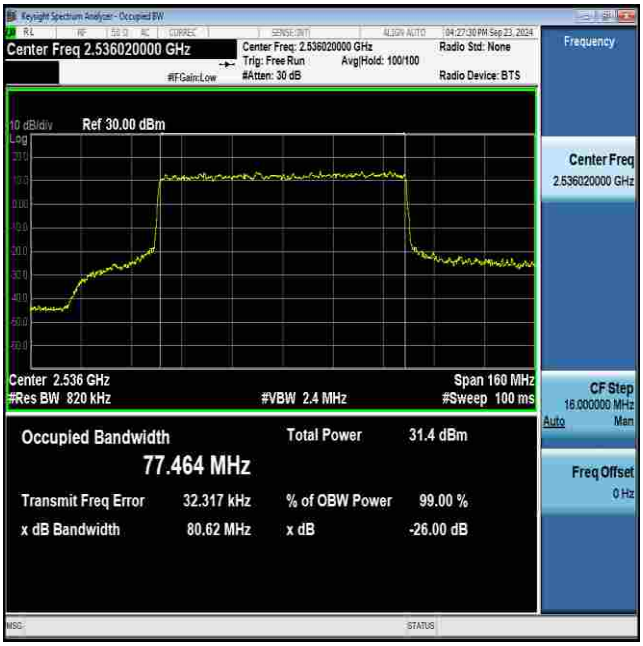

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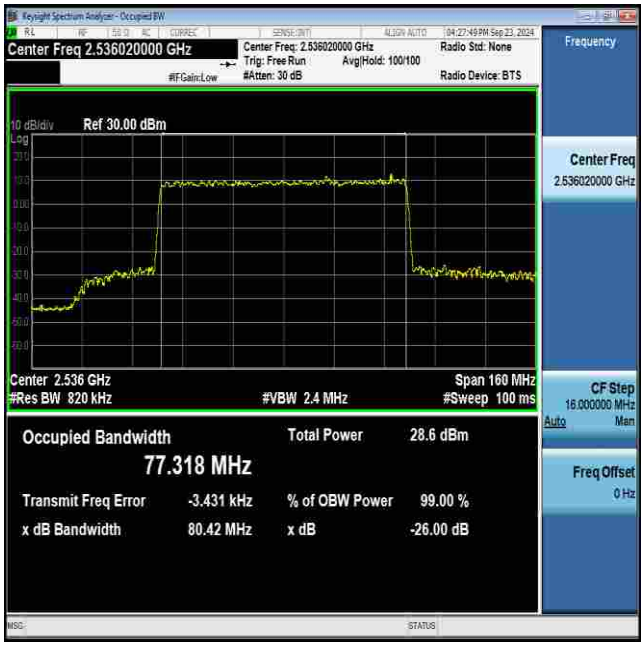

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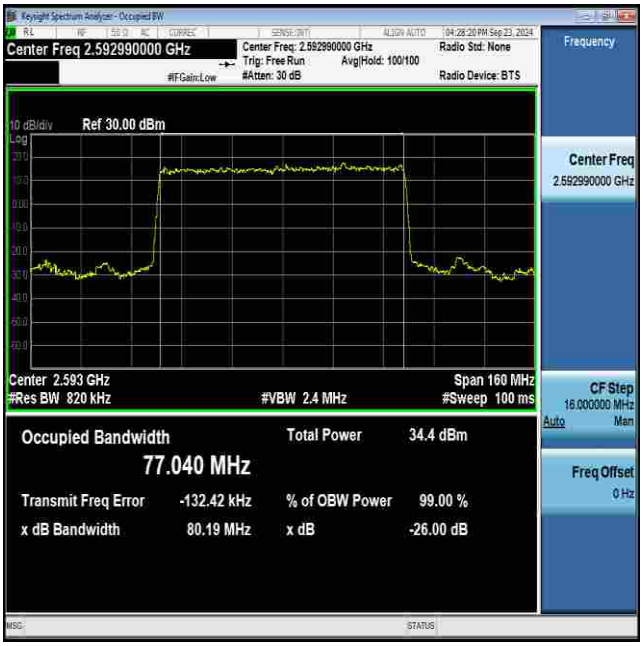

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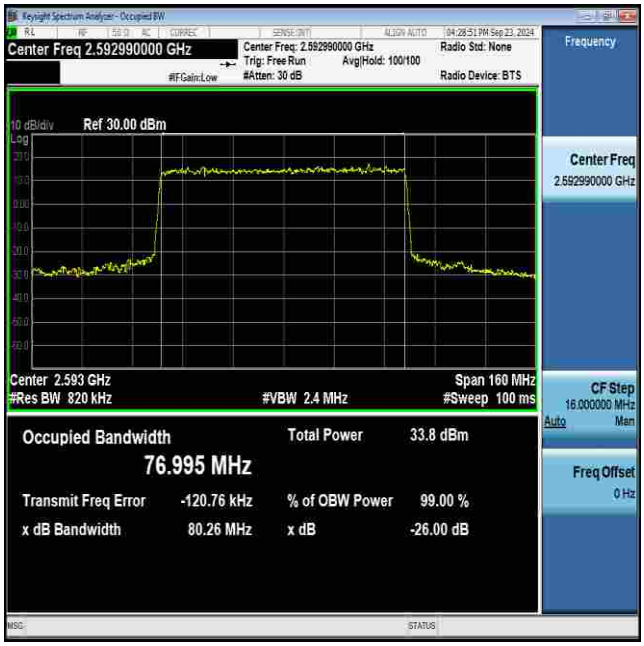

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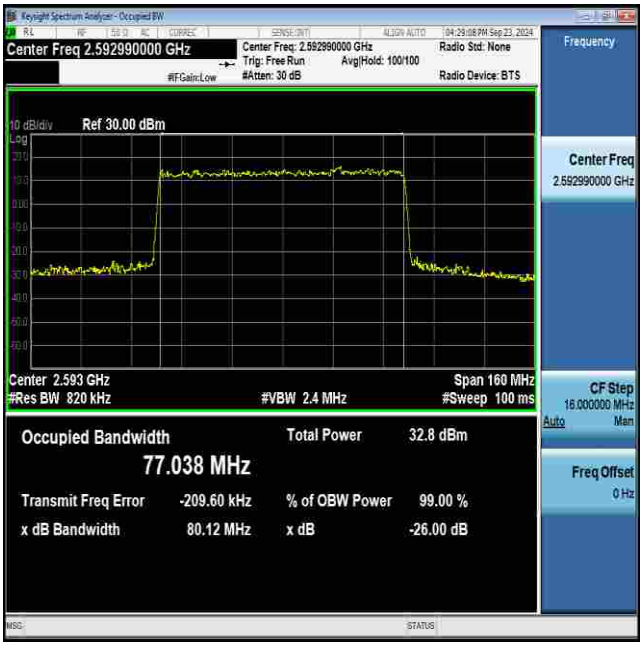

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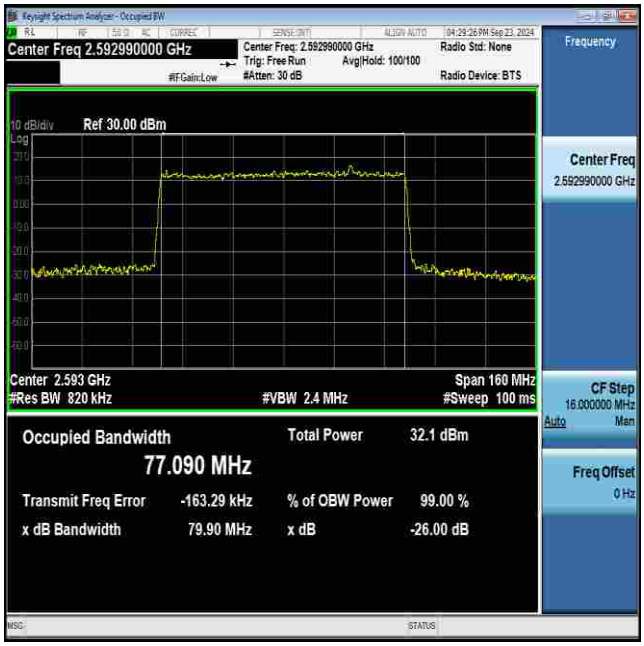

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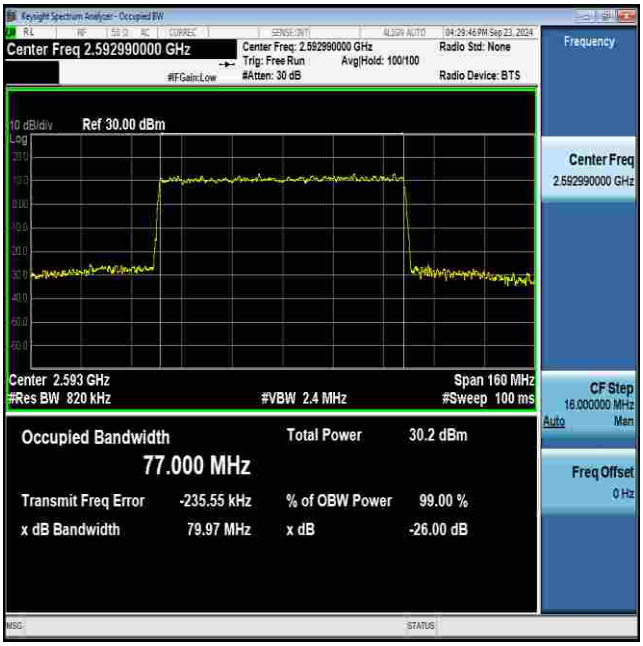

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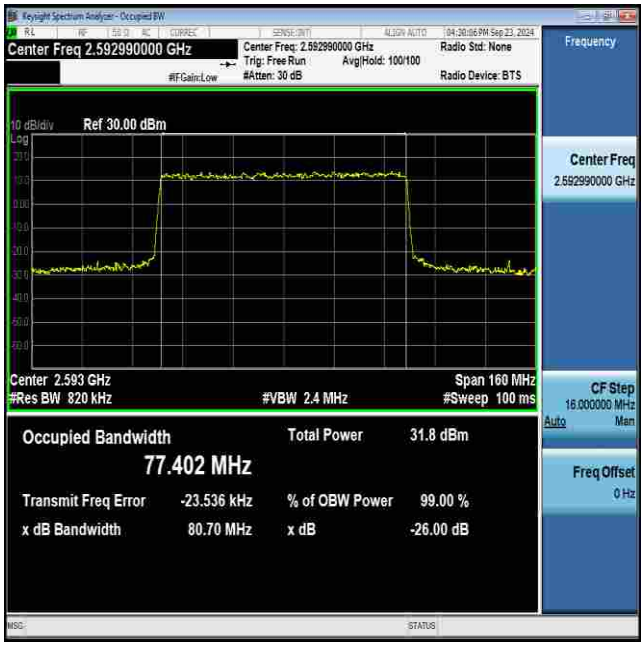

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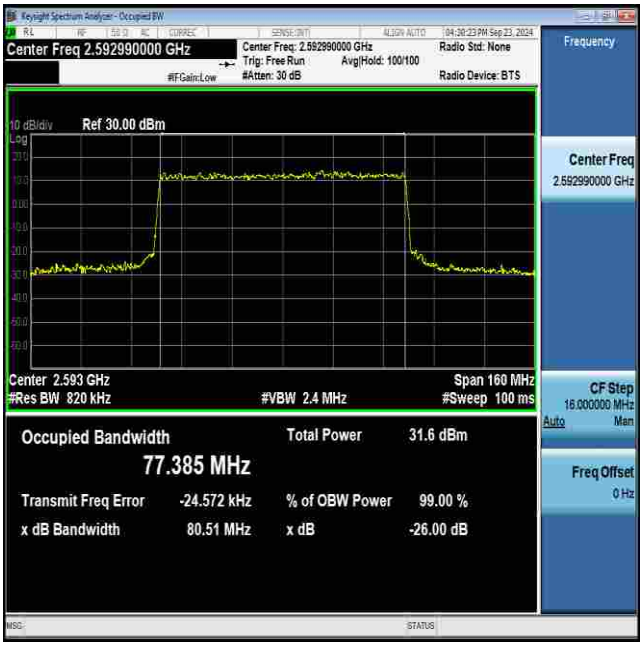

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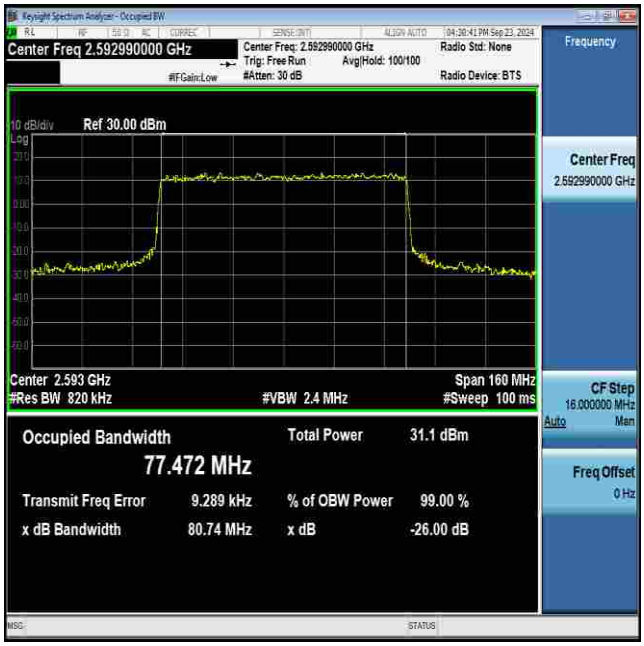

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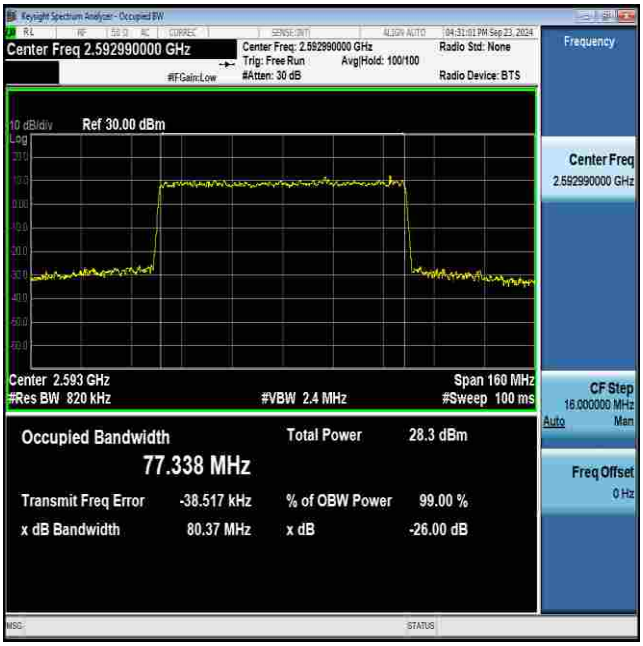

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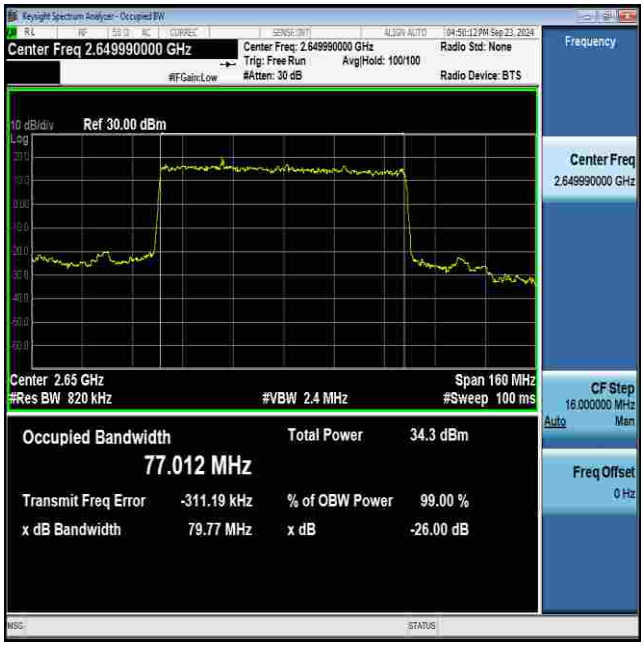

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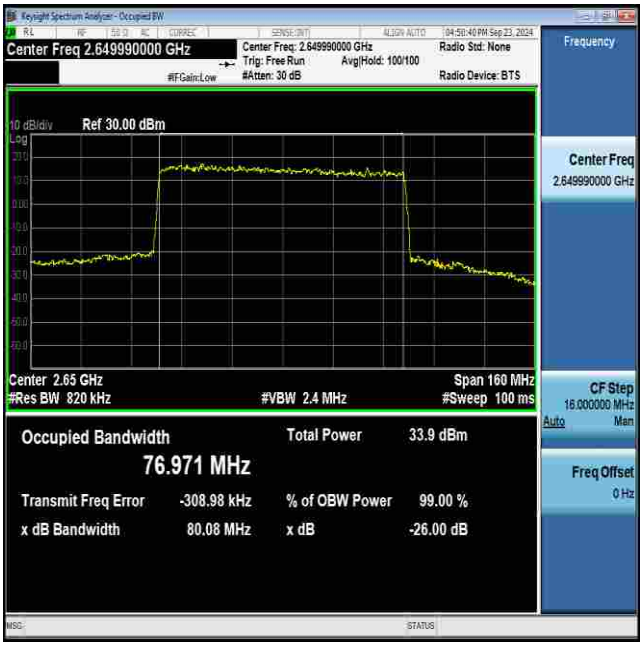

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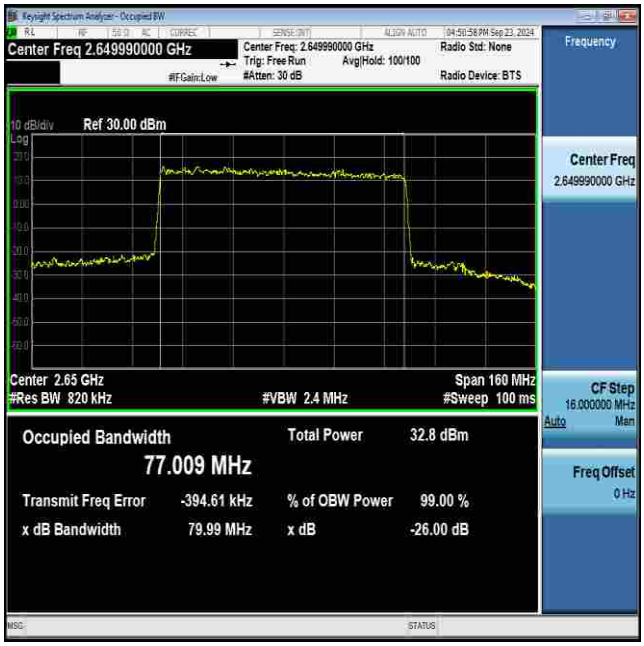

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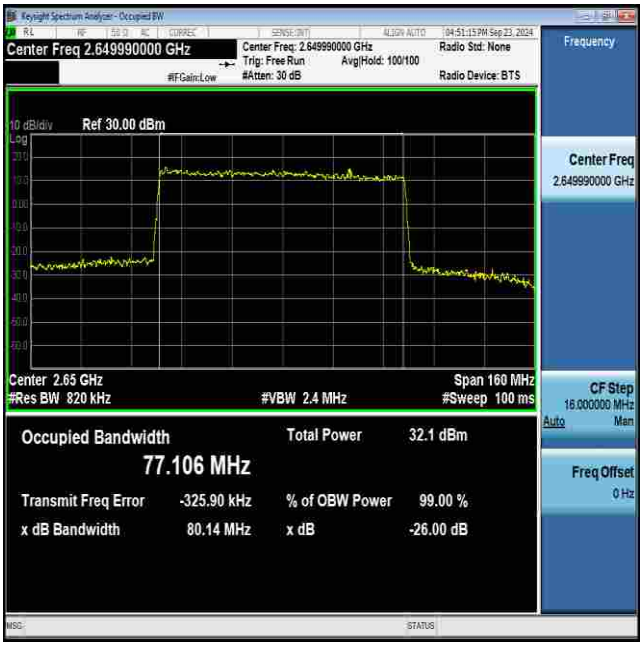

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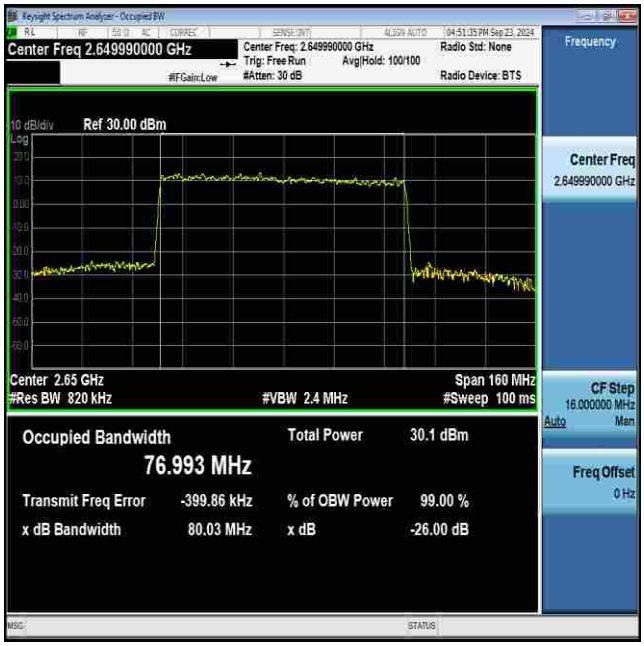

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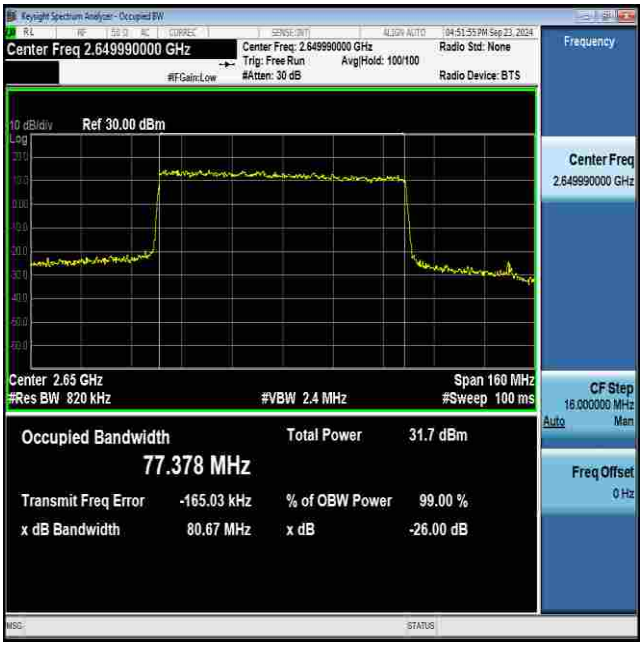

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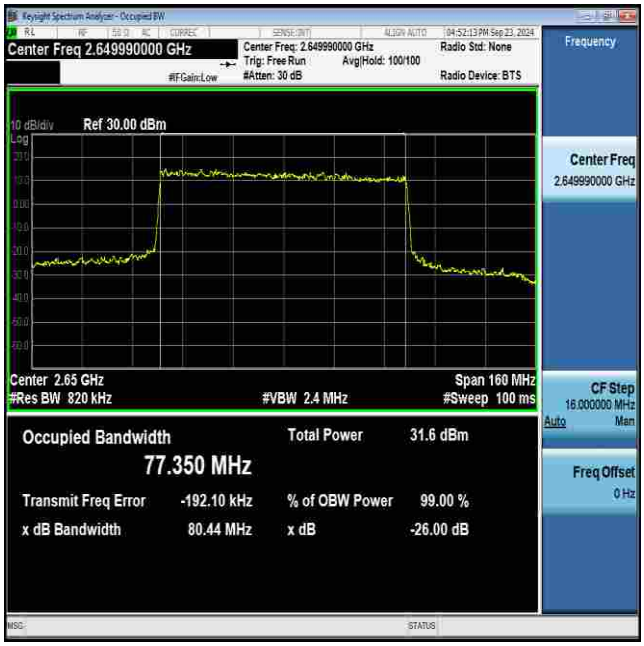

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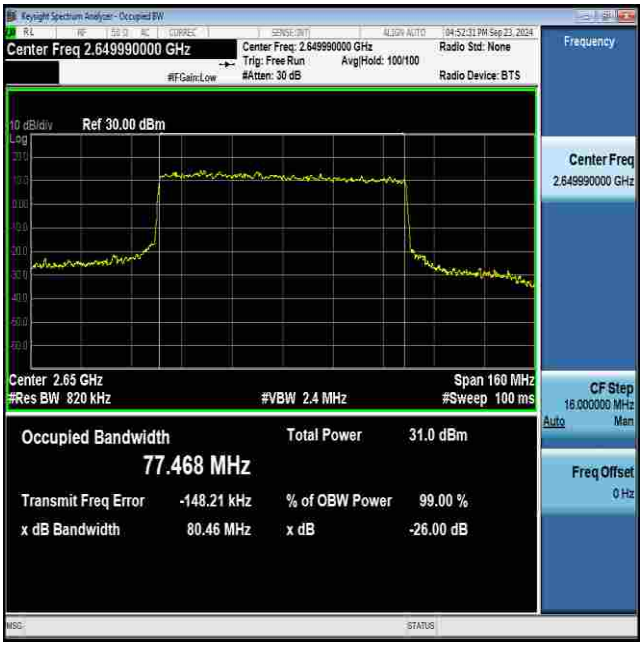

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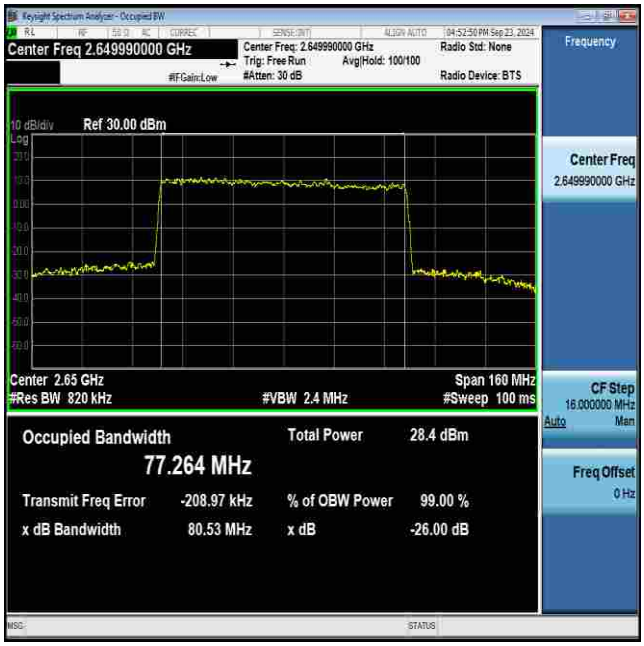

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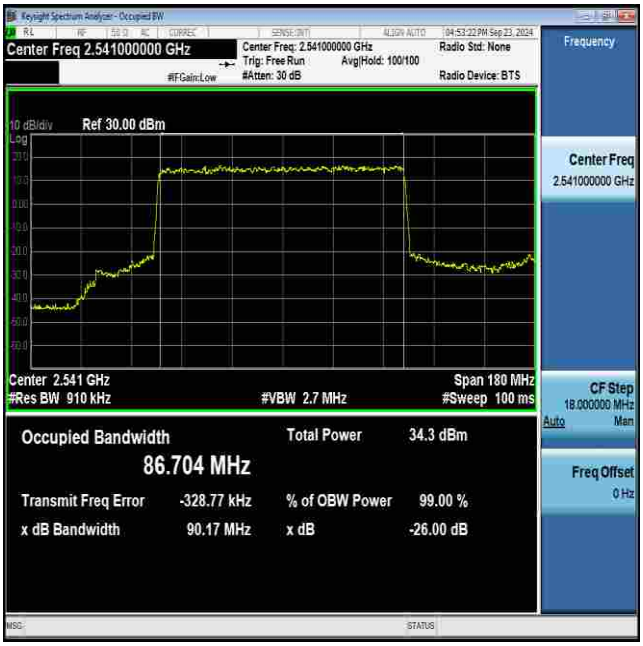

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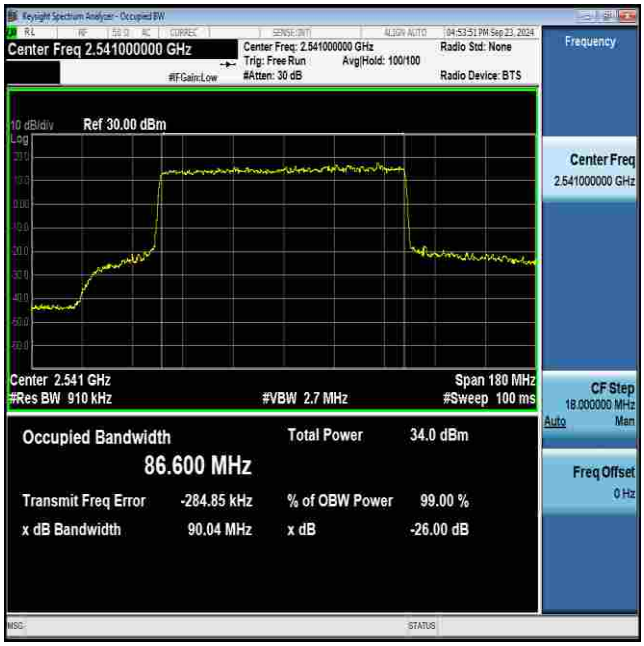

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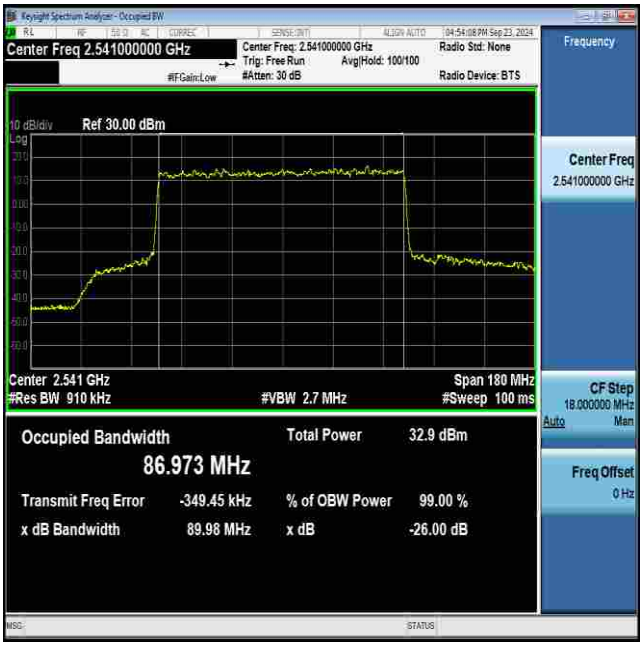

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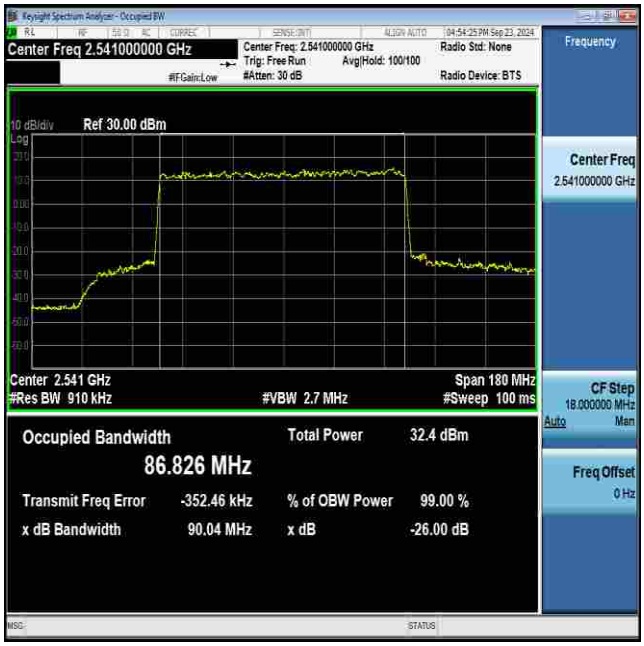

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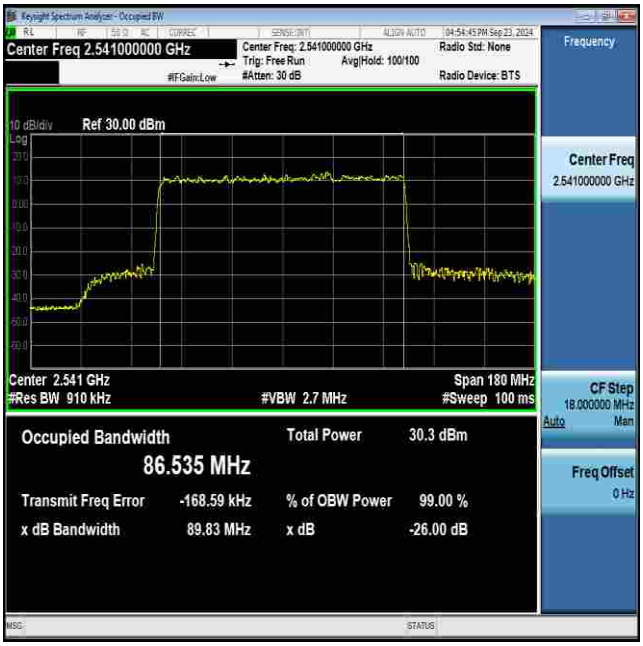

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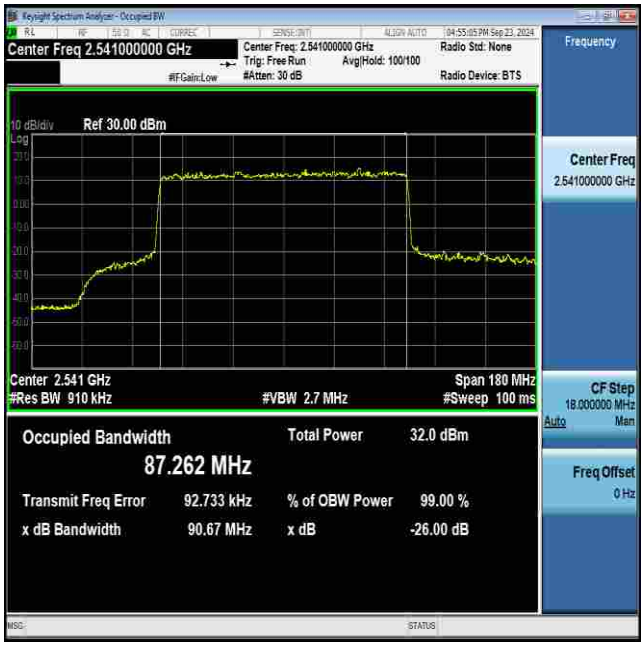

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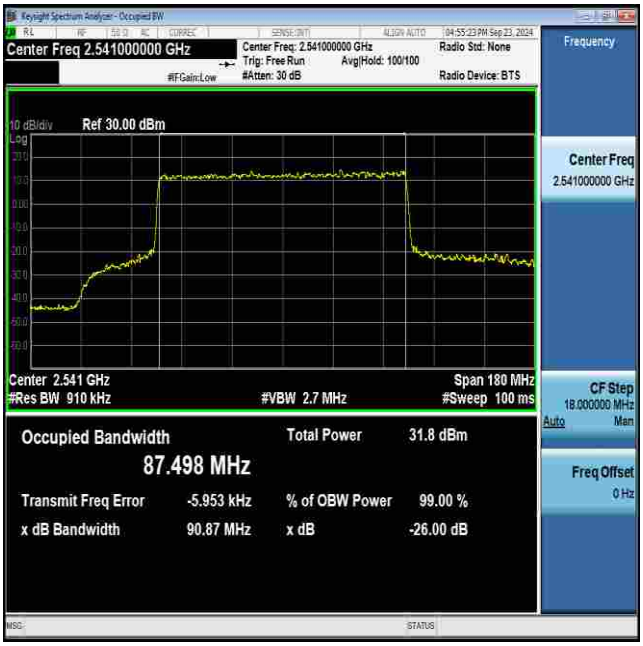

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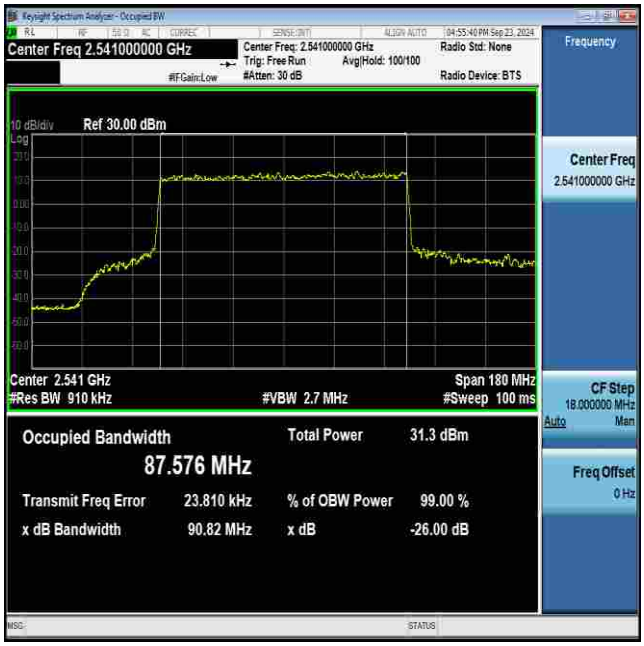

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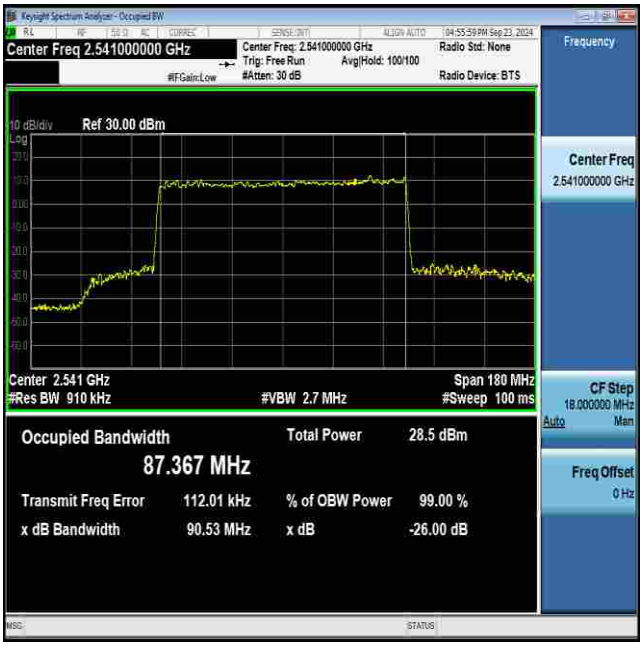

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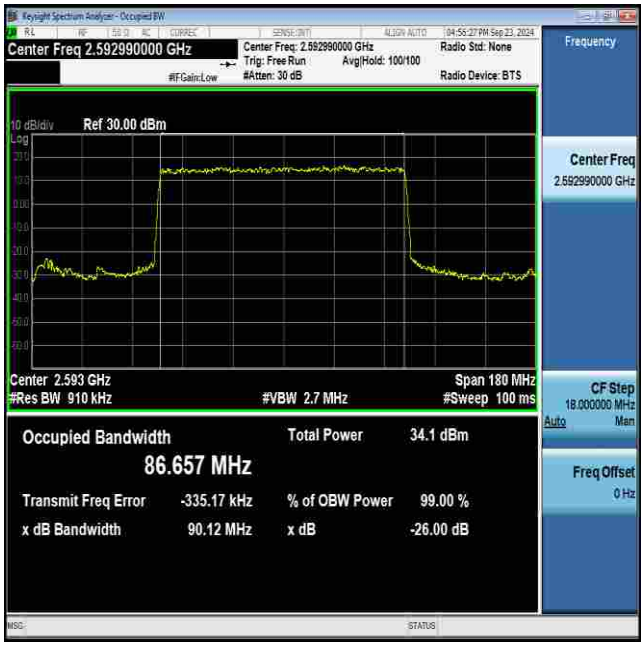

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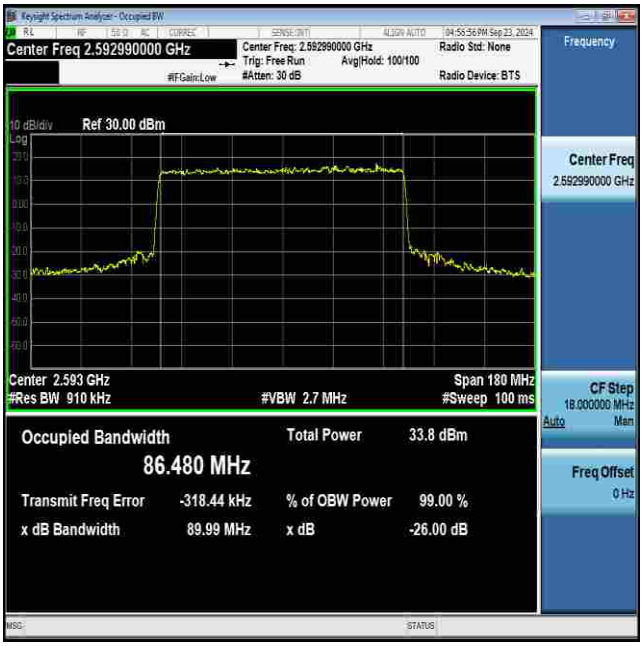

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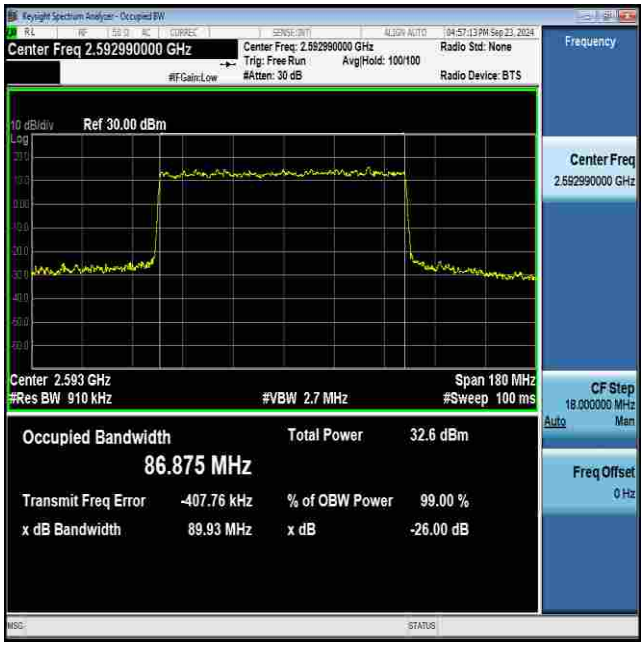

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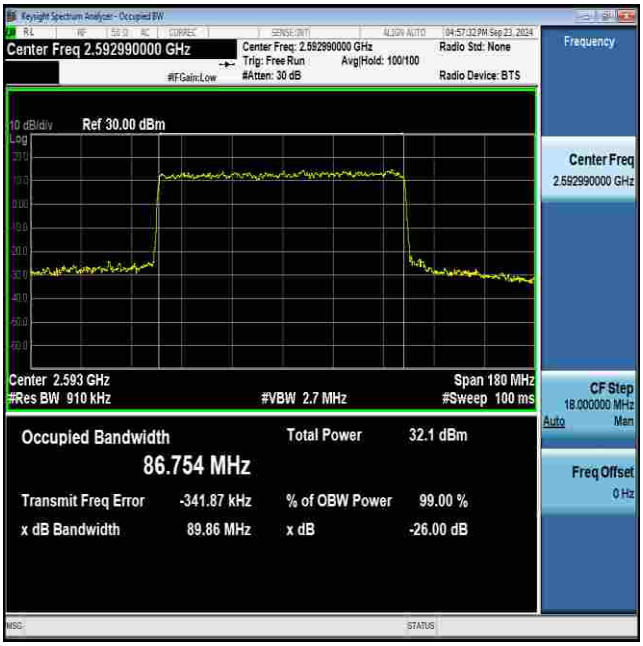

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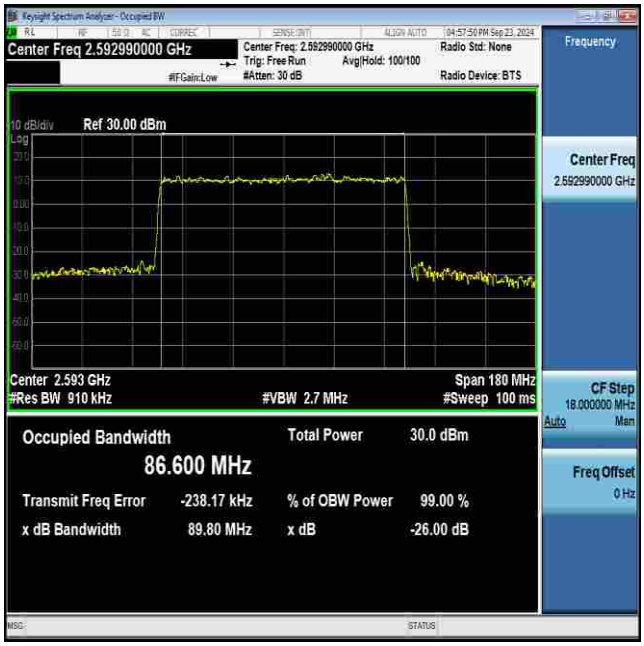

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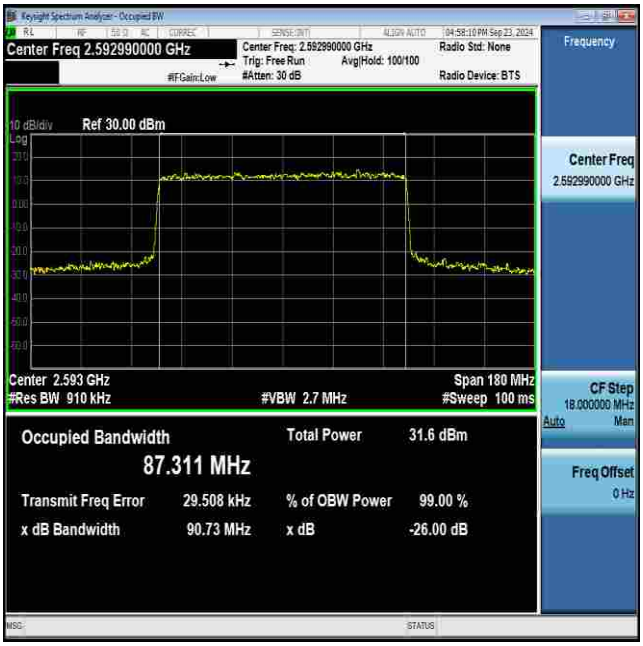

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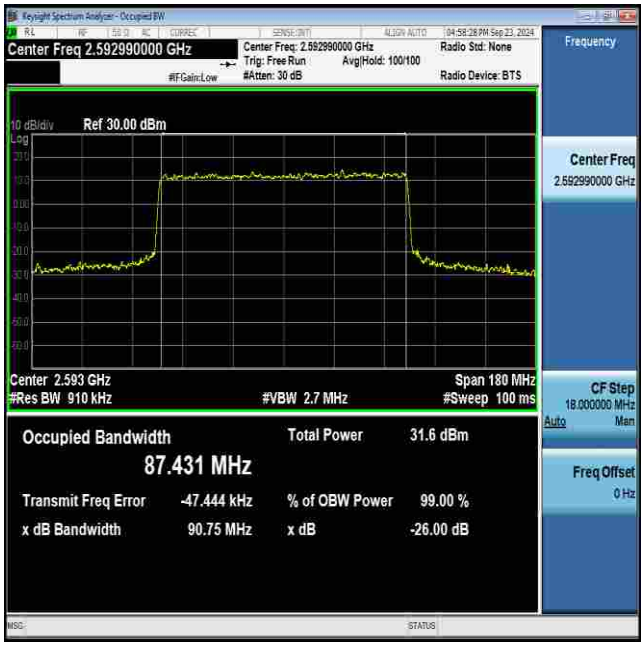

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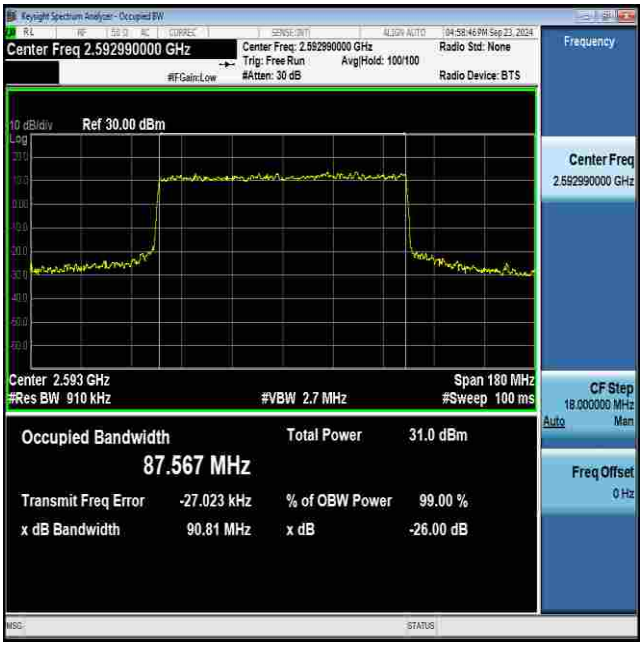

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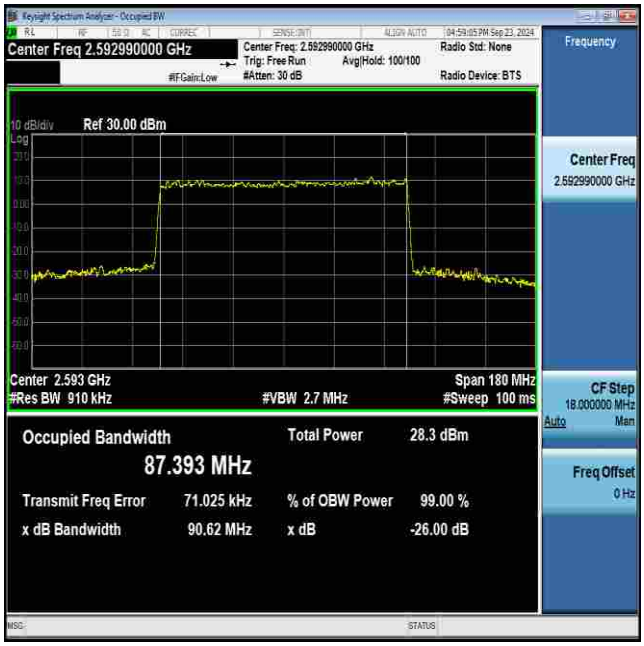

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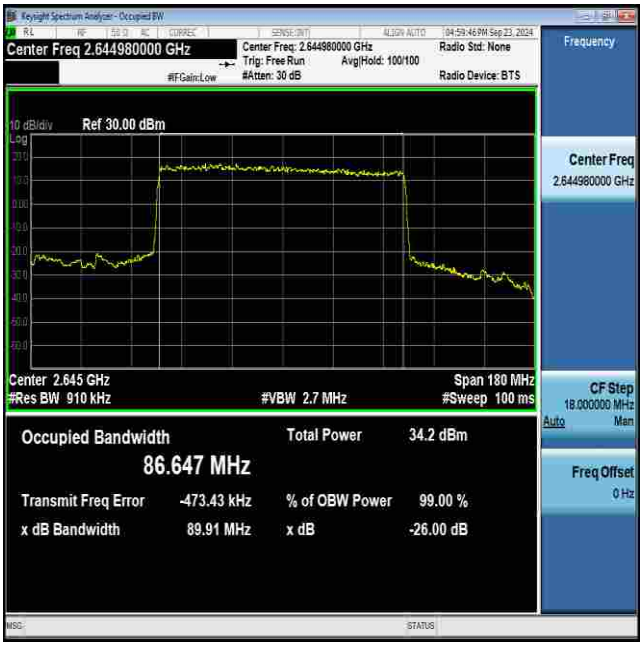

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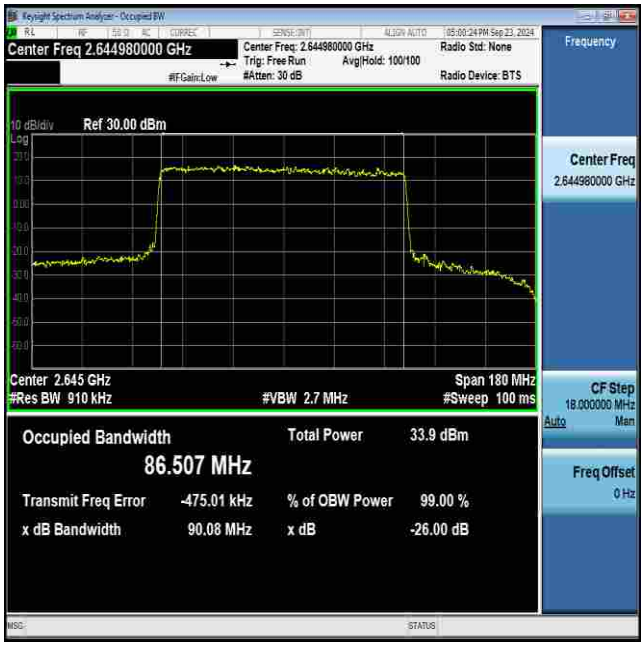

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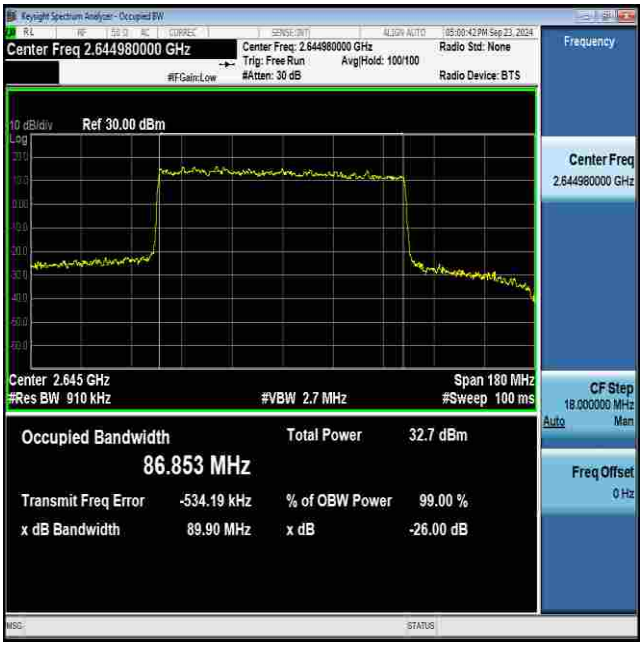

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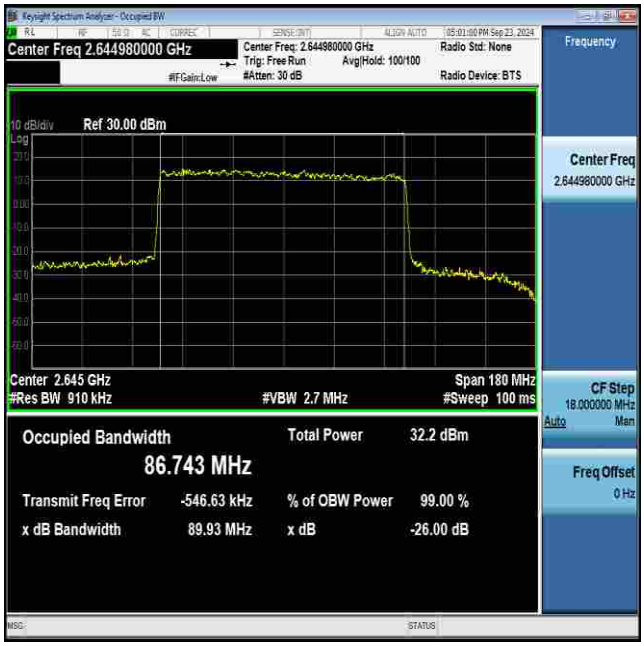

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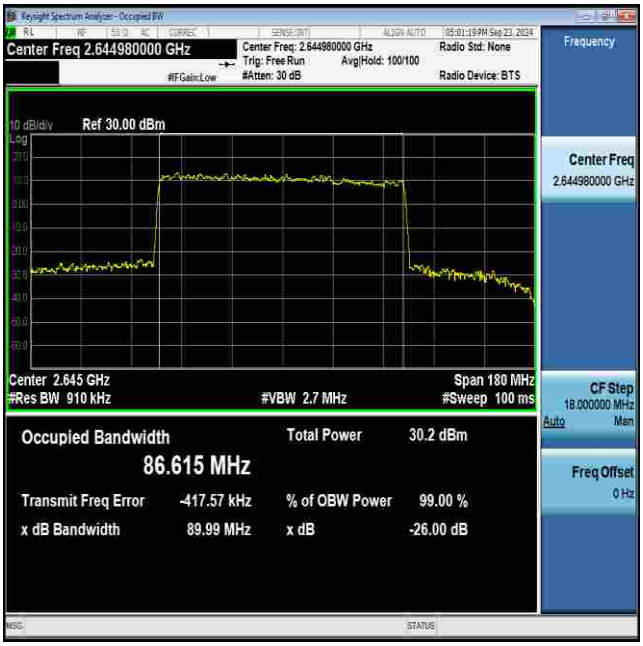

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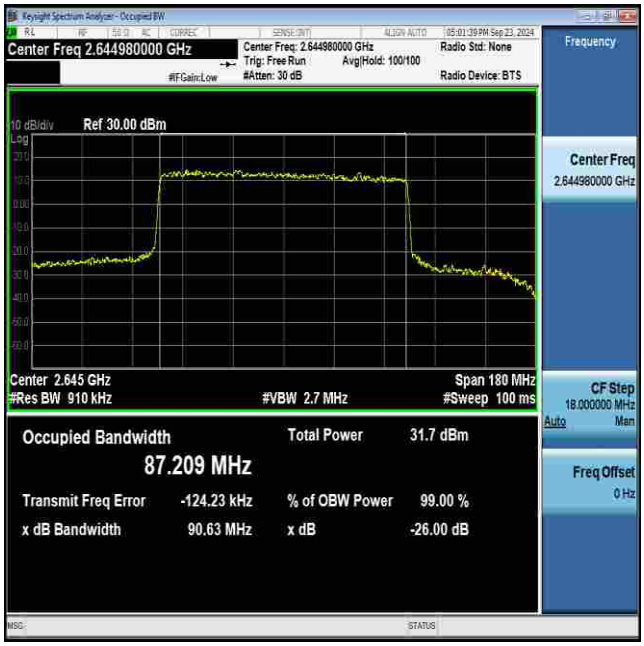

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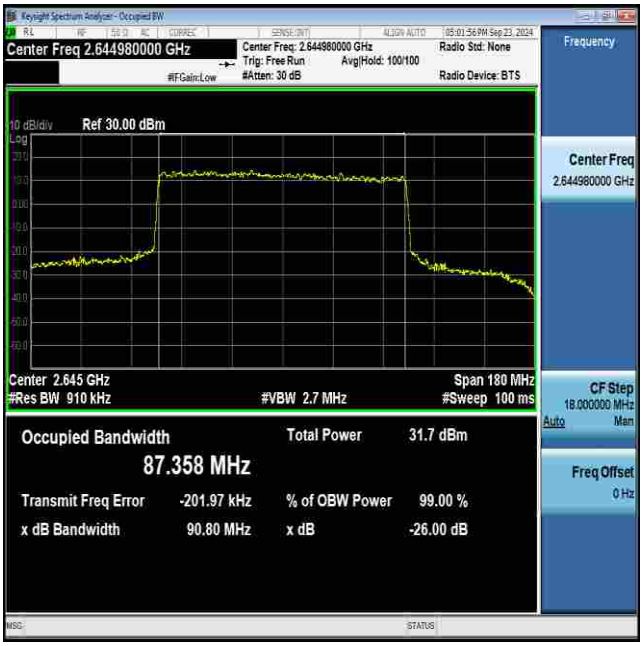

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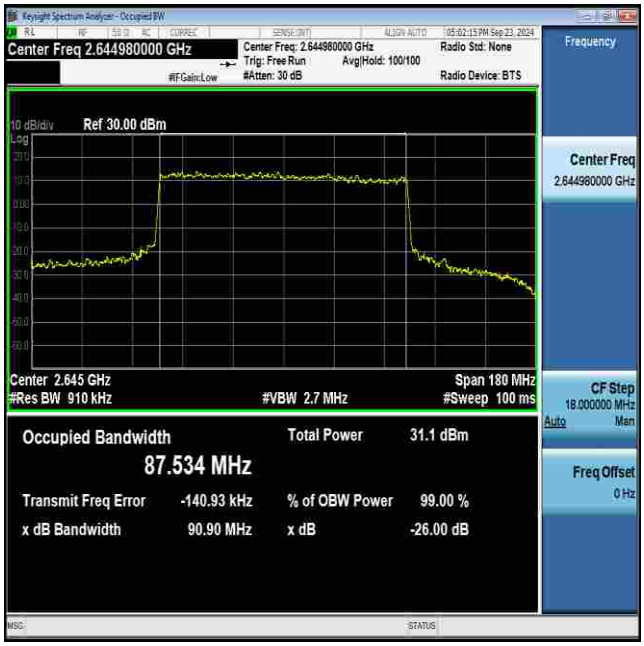

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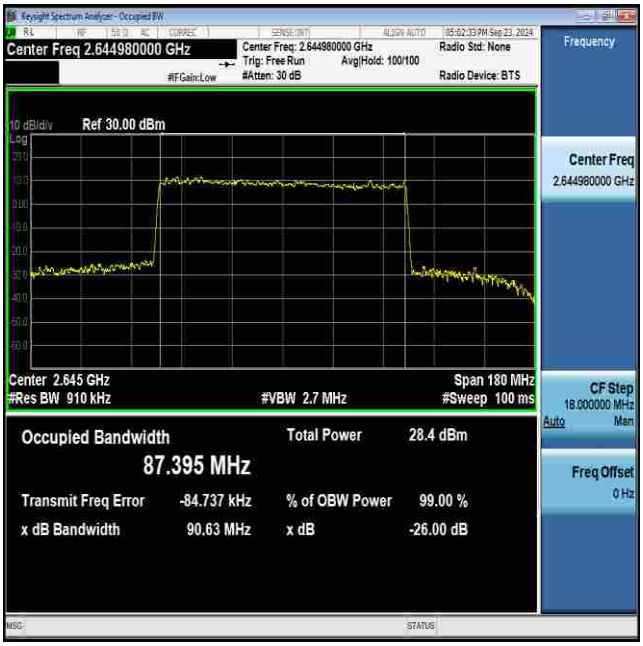

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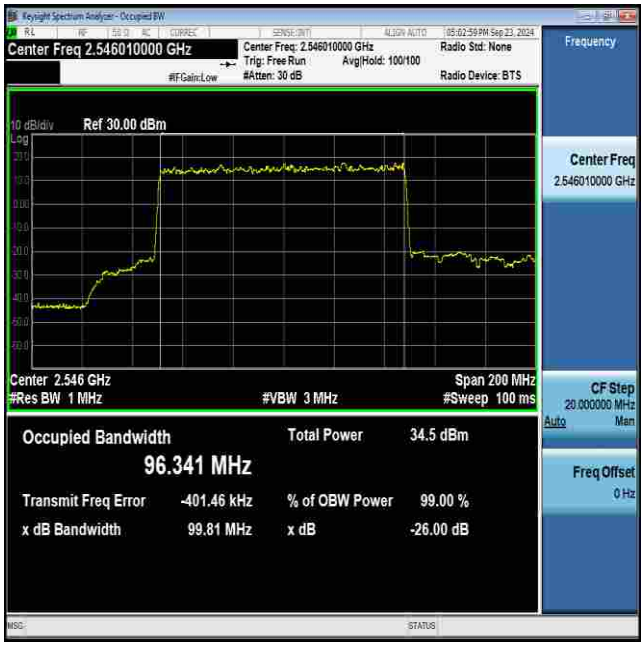

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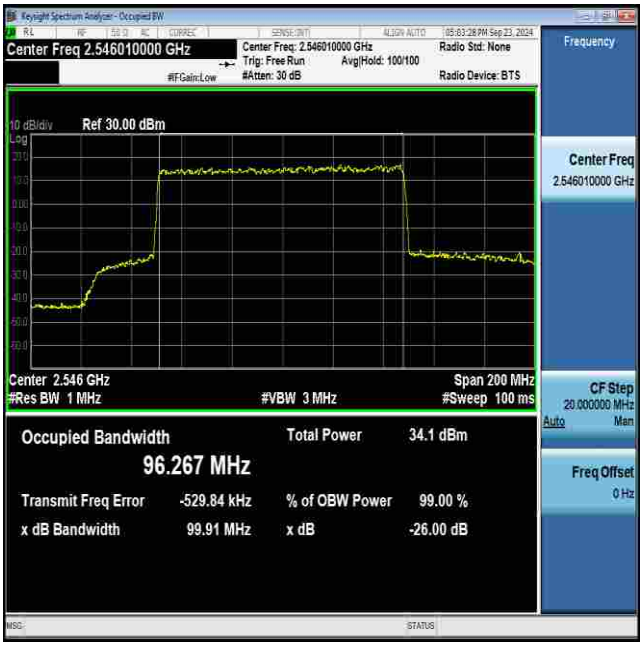

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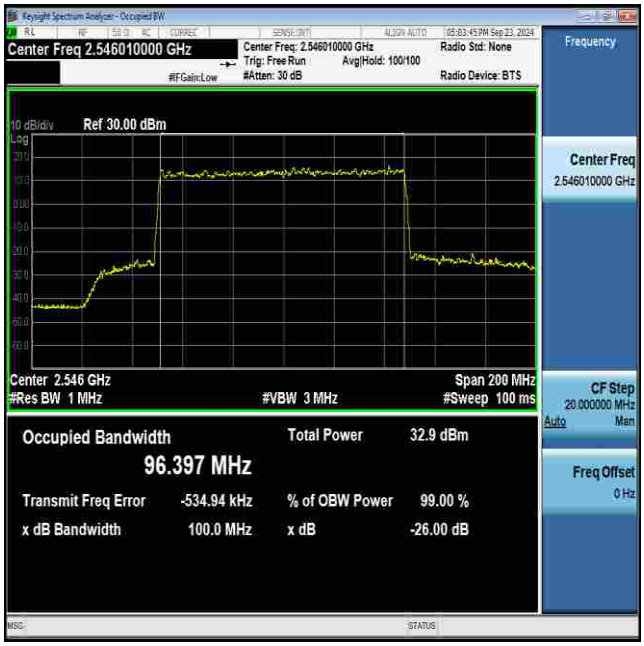

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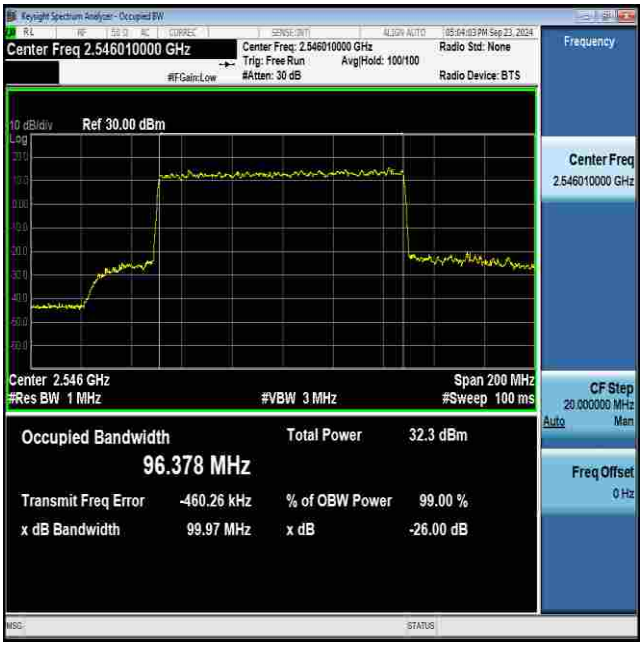

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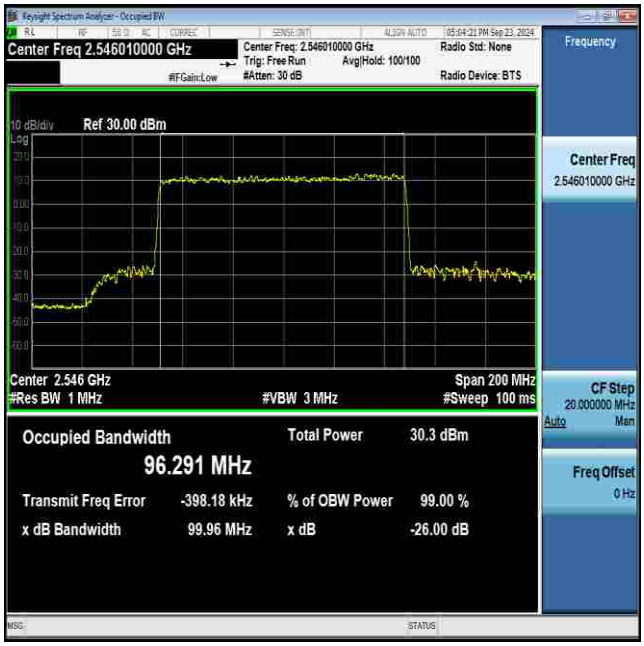

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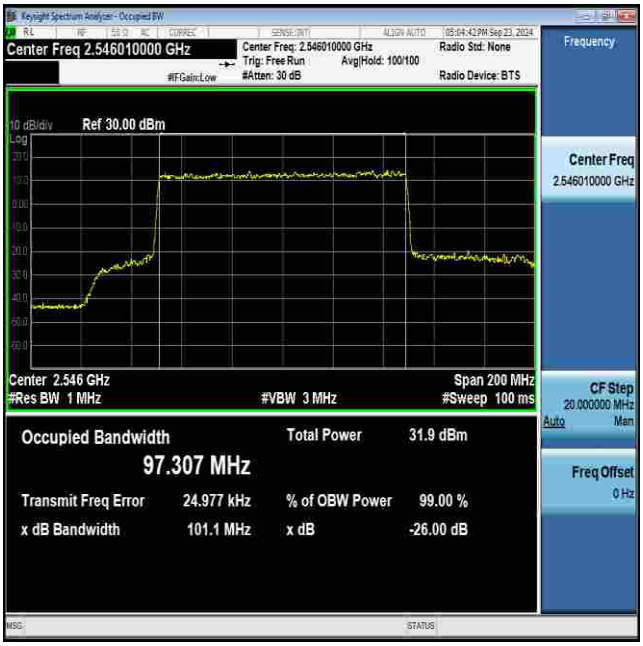

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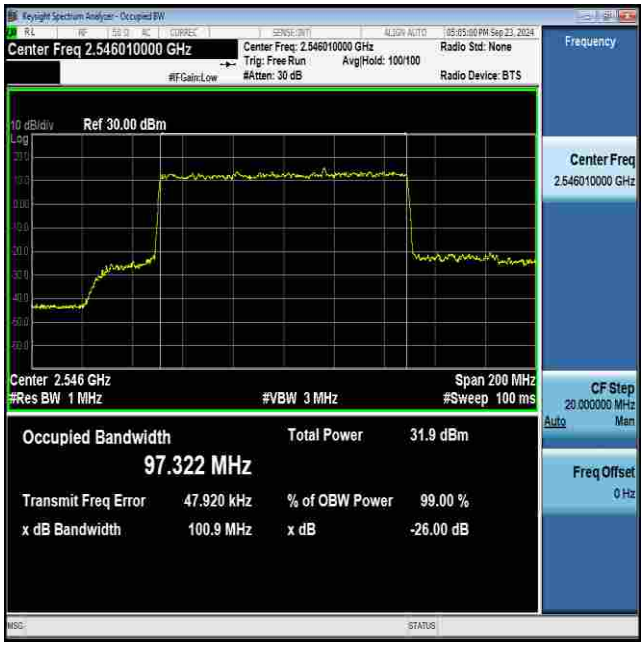

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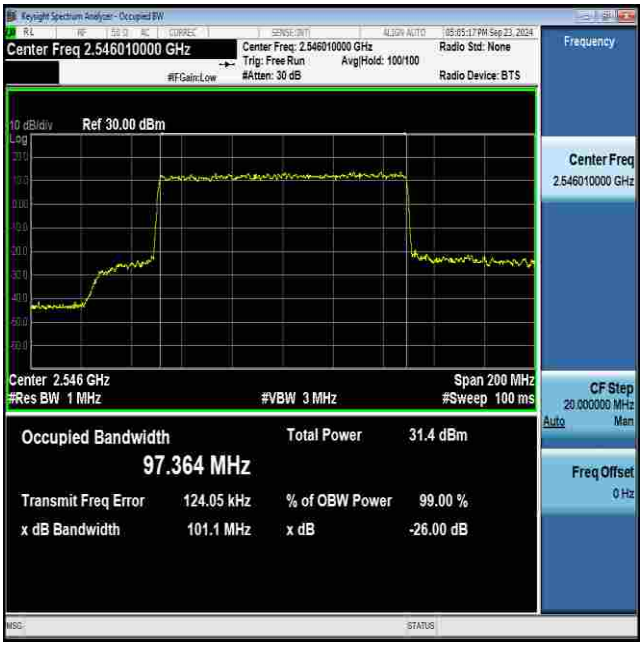

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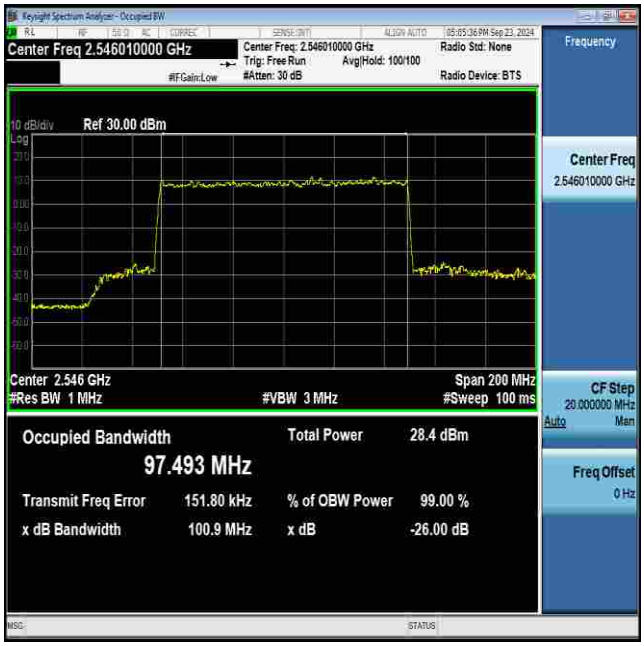

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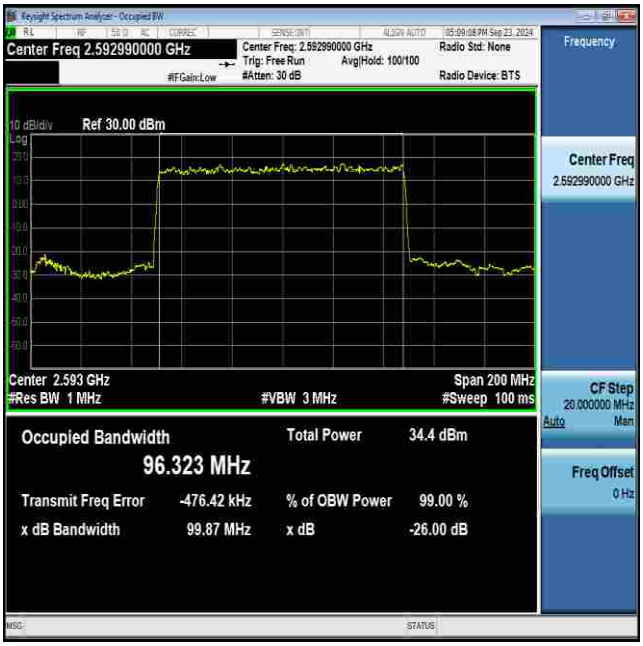

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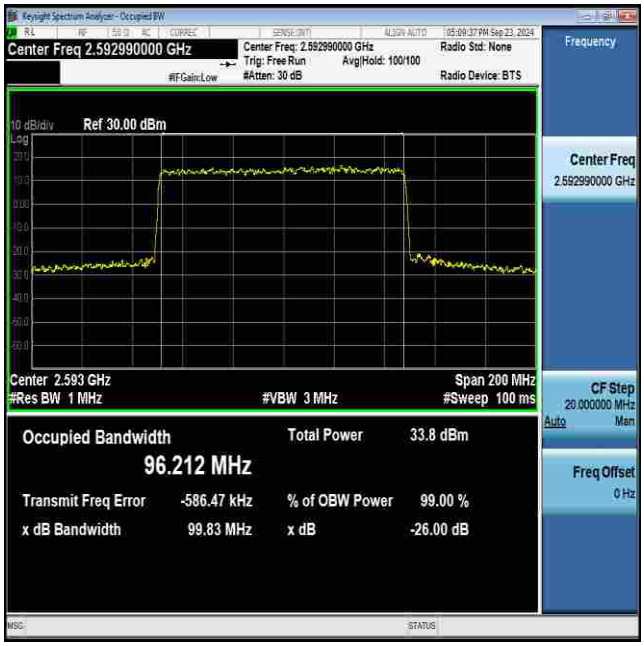

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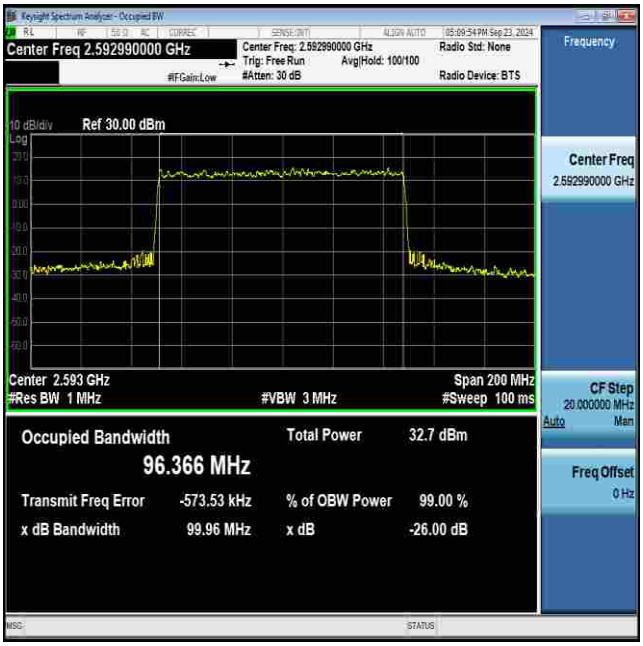

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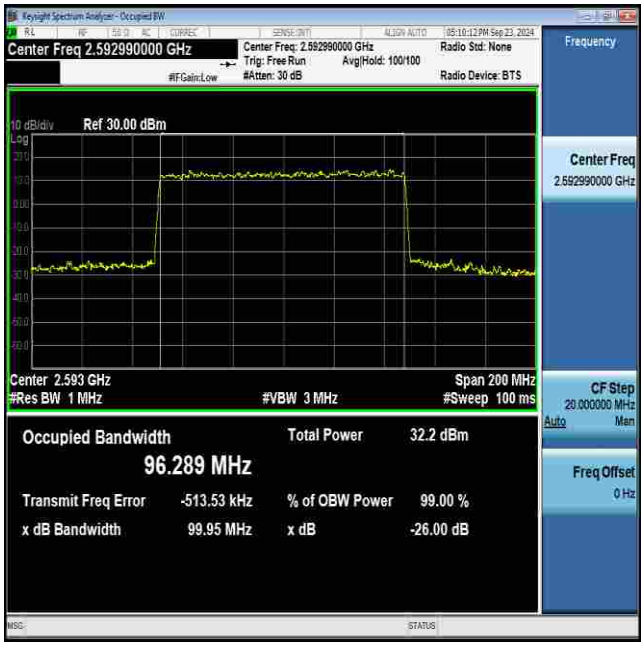

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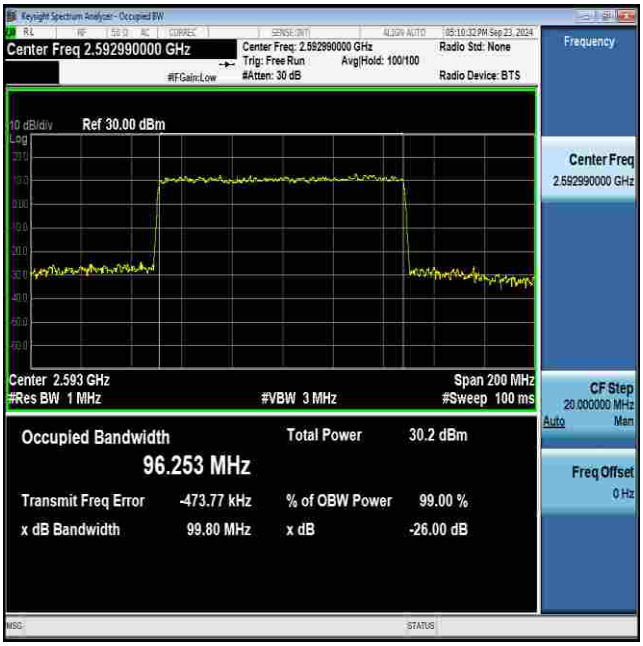

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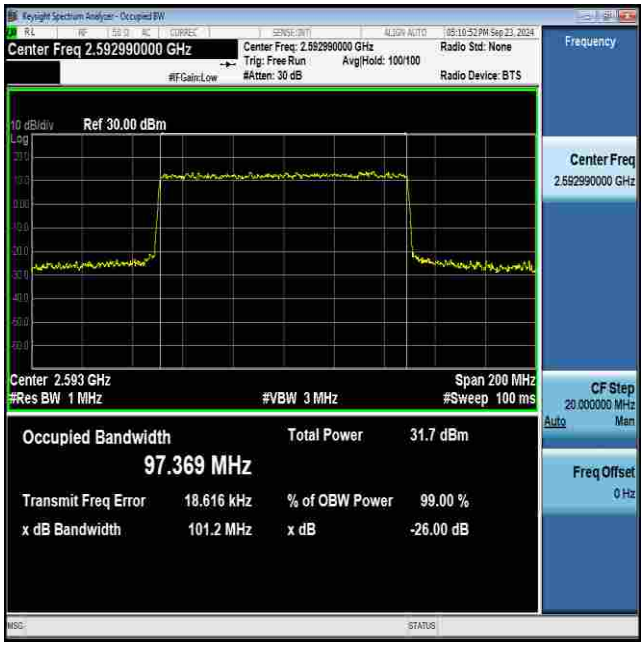

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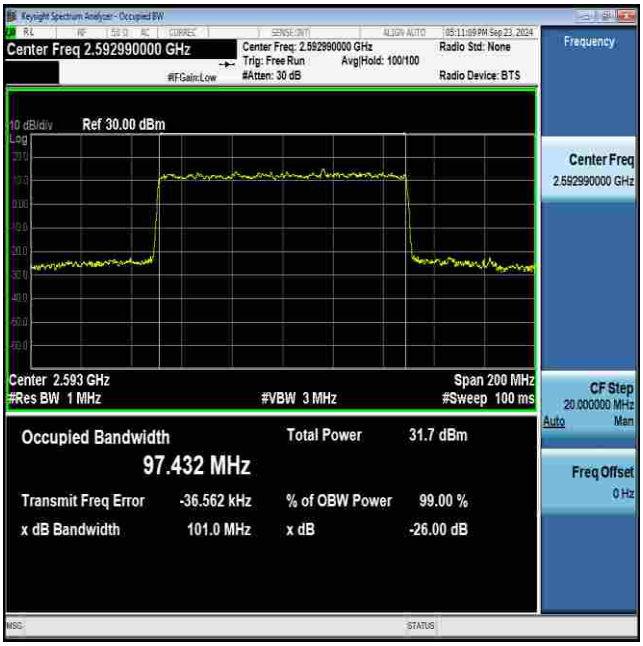

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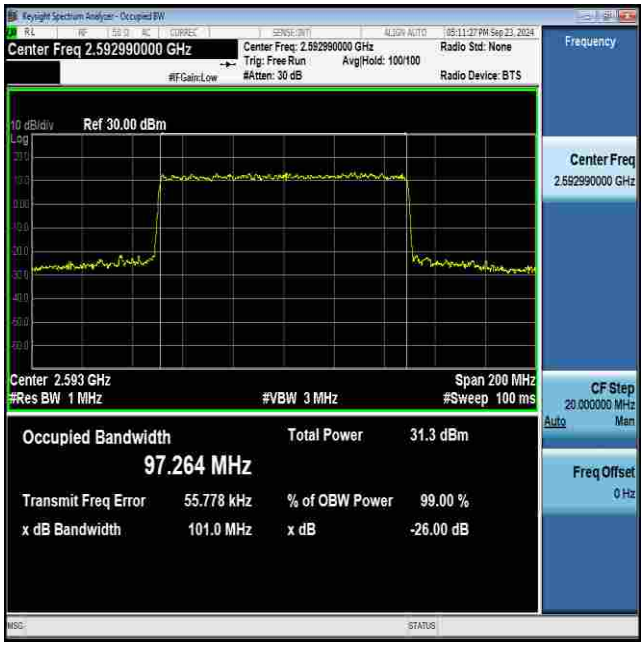

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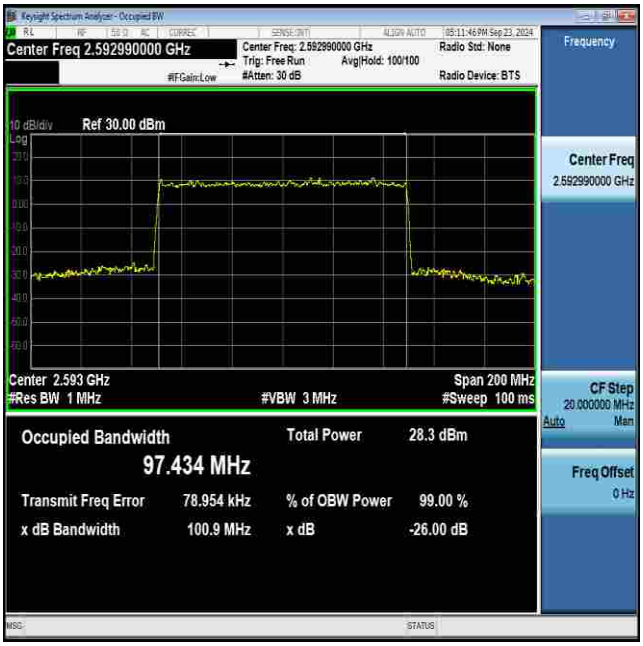

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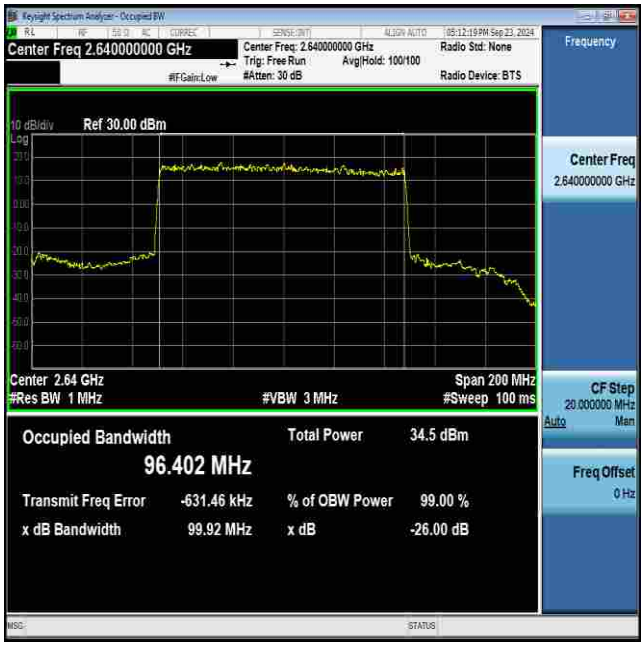

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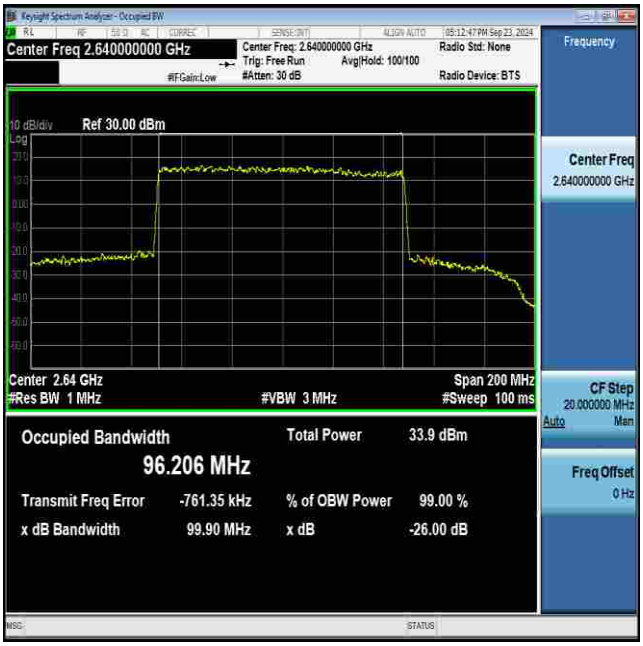

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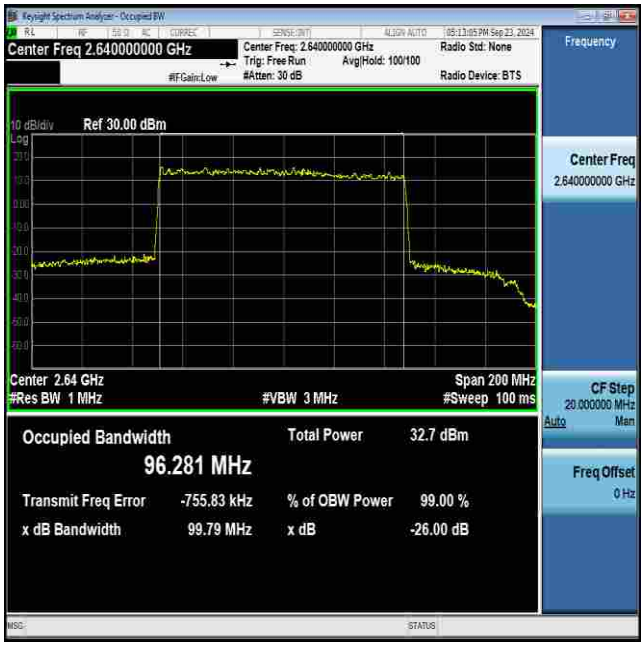

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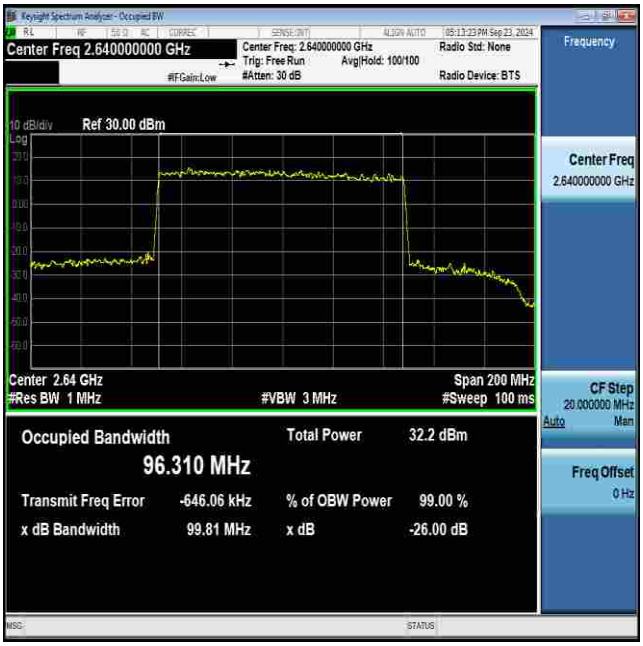

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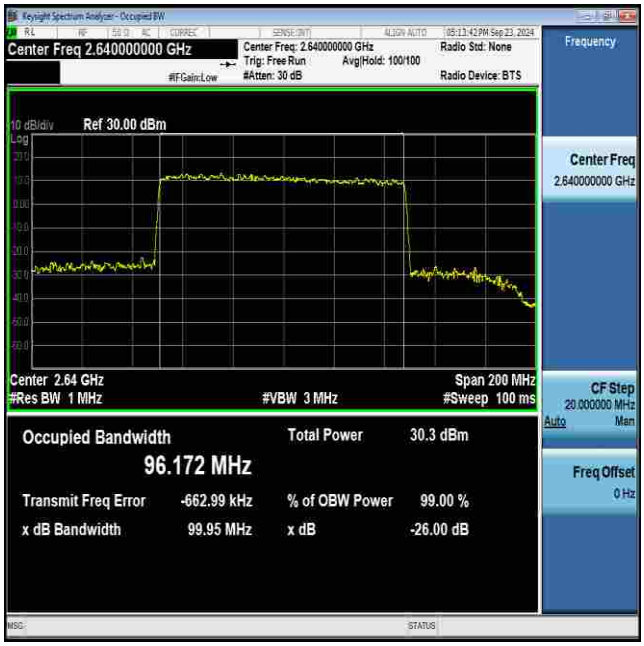

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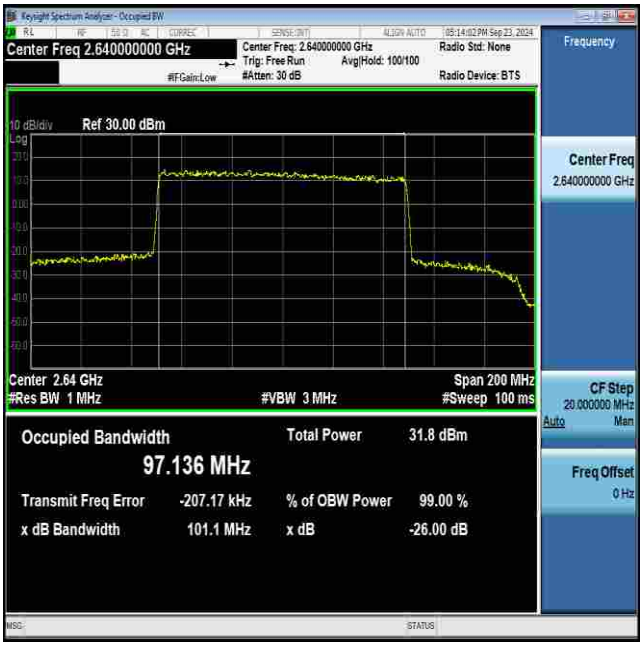

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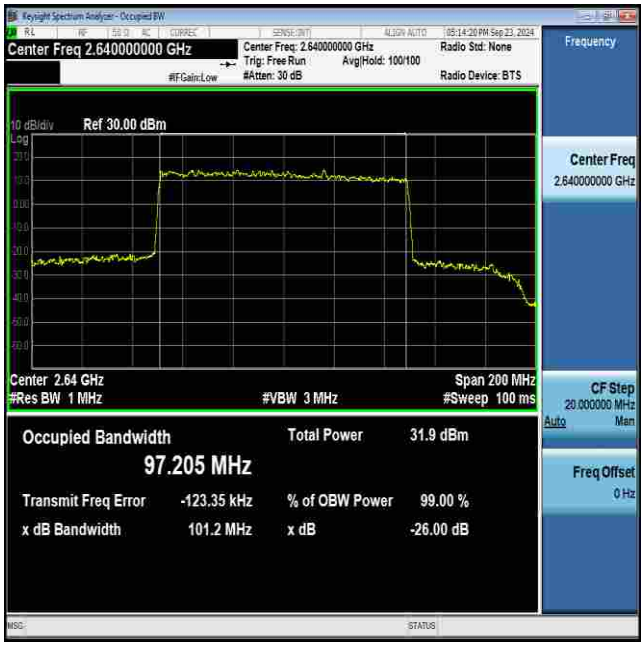

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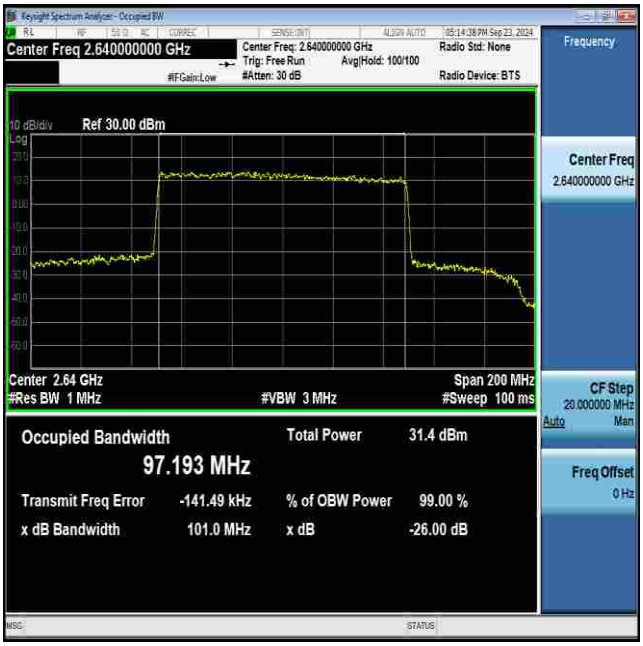

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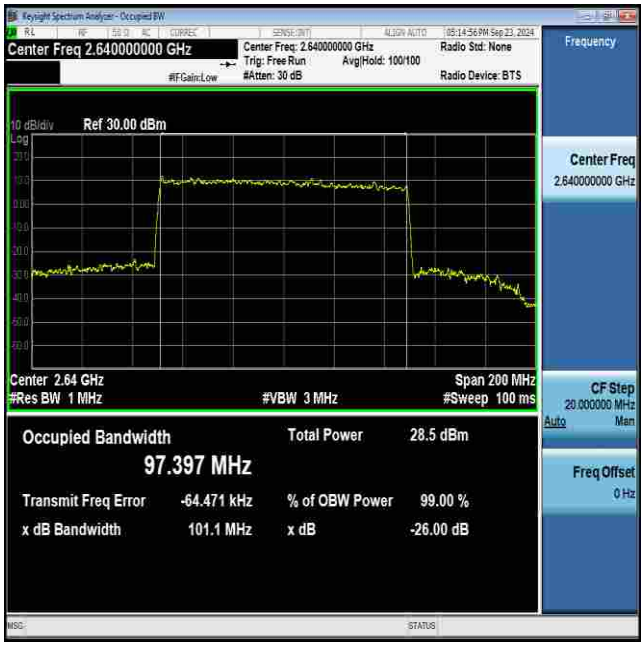

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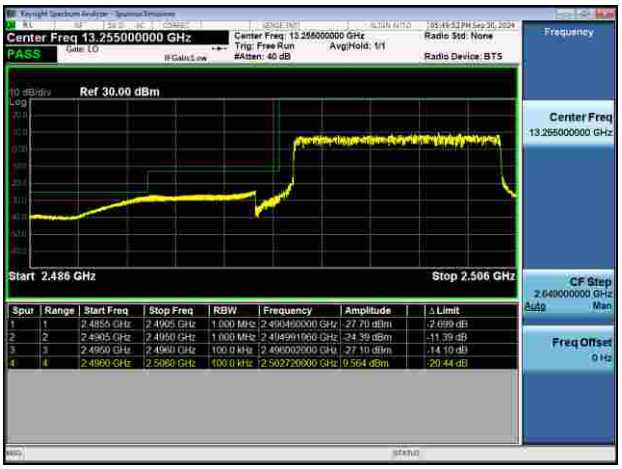
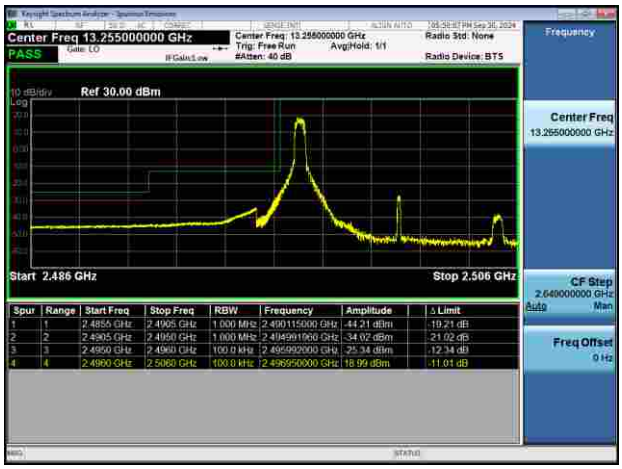
Band Edge for SA

Test Graphs



NTNV-n41-PC2-30-10-L-DFT-BPSK-Outer_Full-PASS



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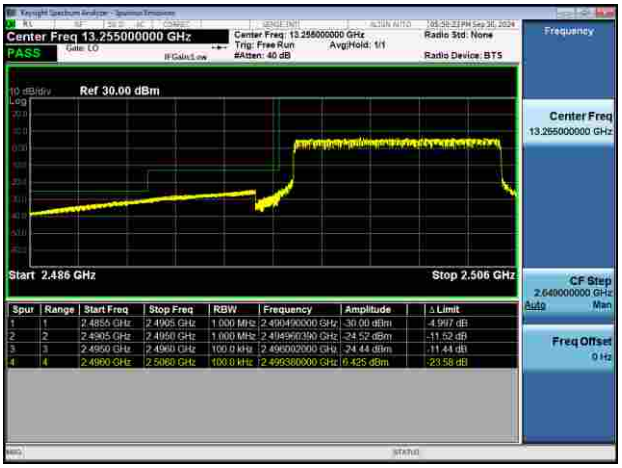

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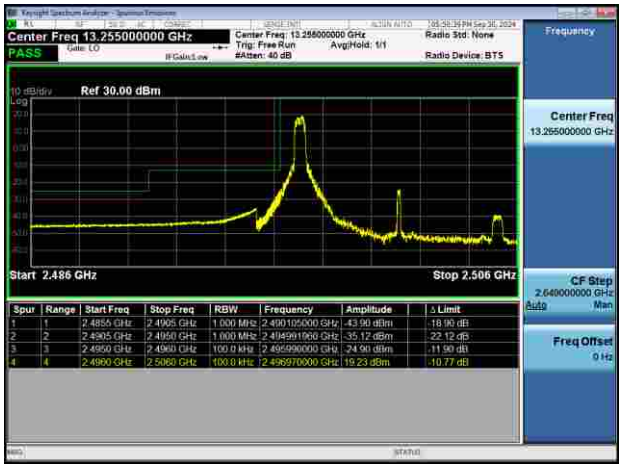

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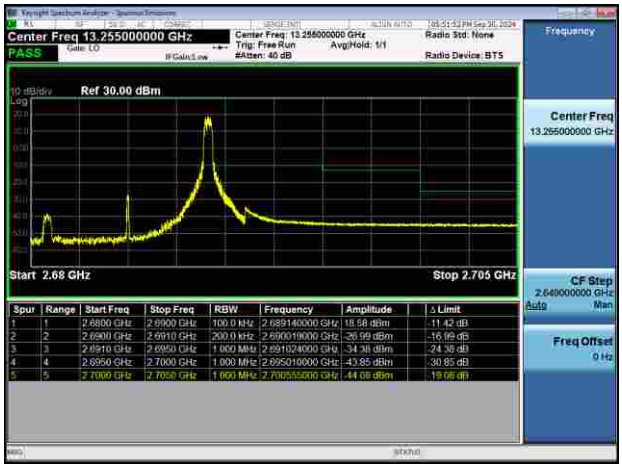

NTNV-n41-PC2-30-10-H-DFT-BPSK-Edge_1RB_Right-PASS

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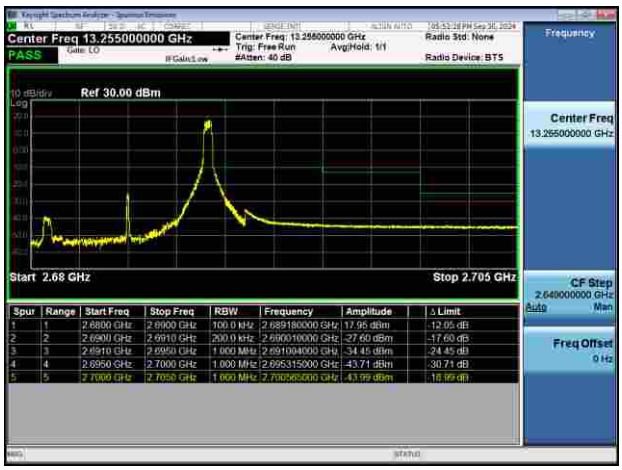
NTNV-n41-PC2-30-10-H-CP-QPSK-Outer_Full-PASS



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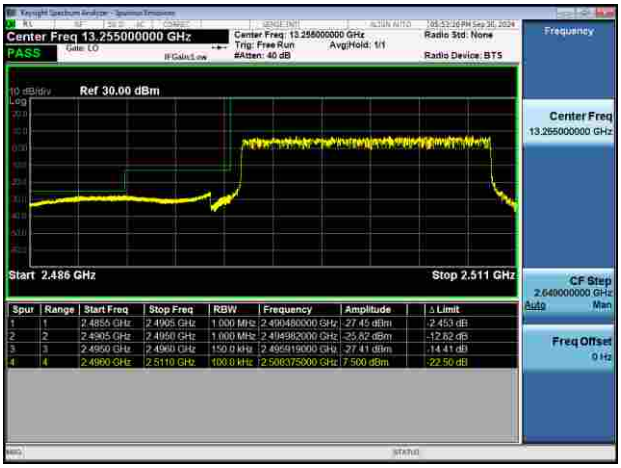

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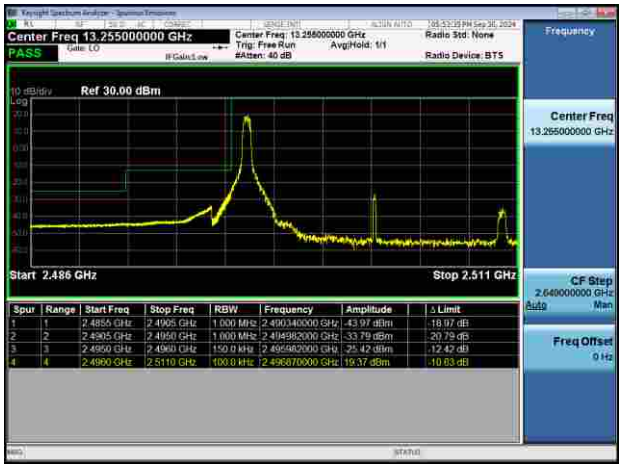

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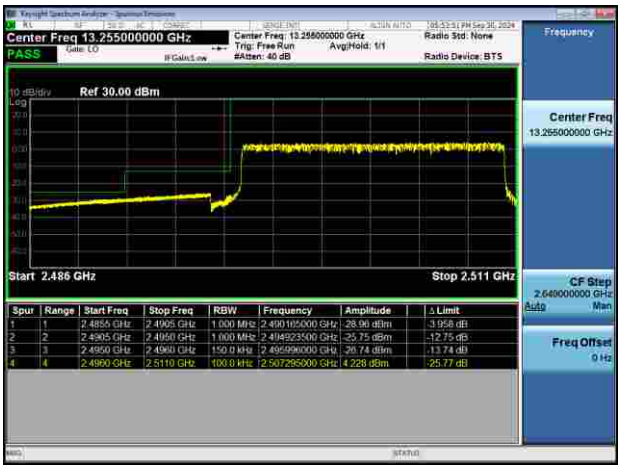

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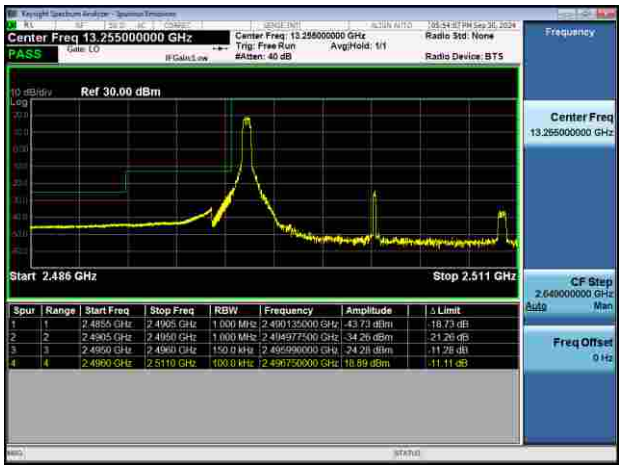

NTNV-n41-PC2-30-15-L-CP-QPSK-Edge_1RB_Left-PASS

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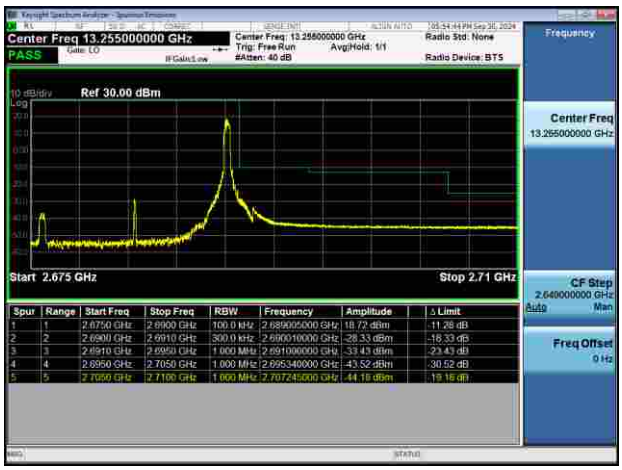
NTNV-n41-PC2-30-15-H-DFT-BPSK-Outer_Full-PASS



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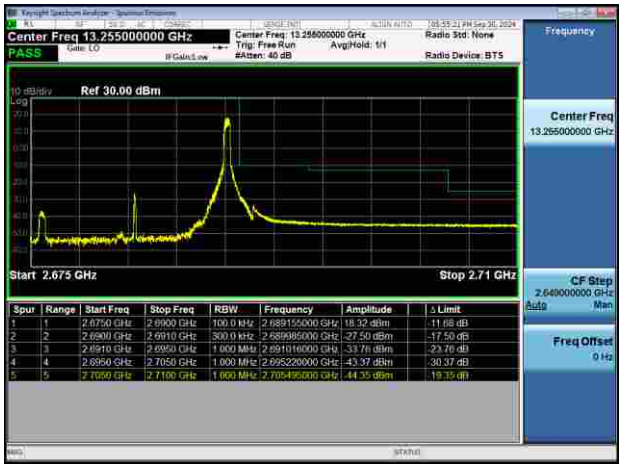

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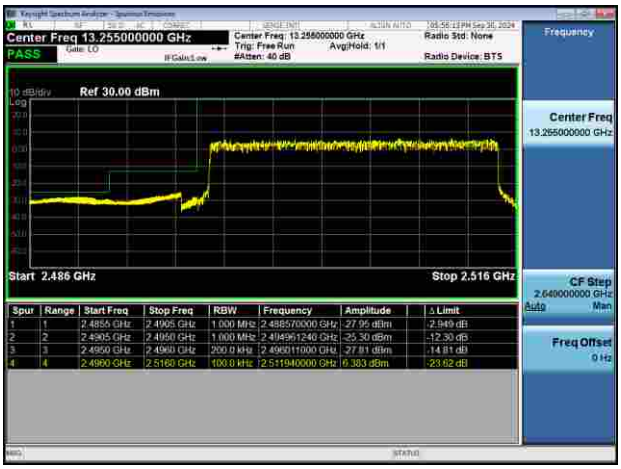

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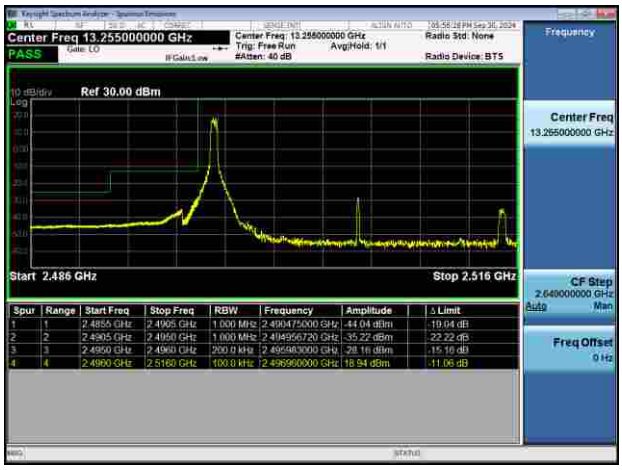

NTNV-n41-PC2-30-20-L-DFT-BPSK-Edge_1RB_Left-PASS

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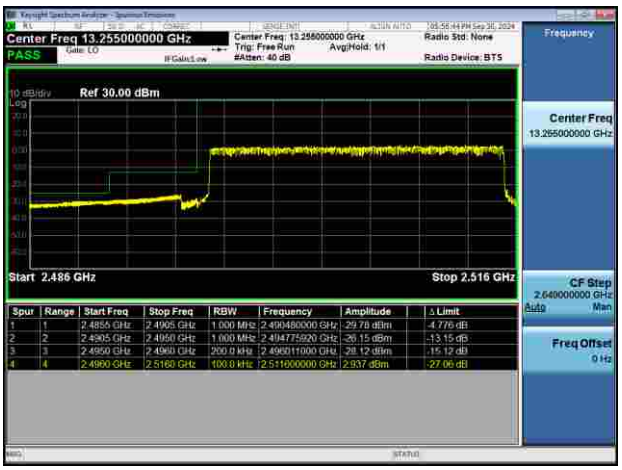

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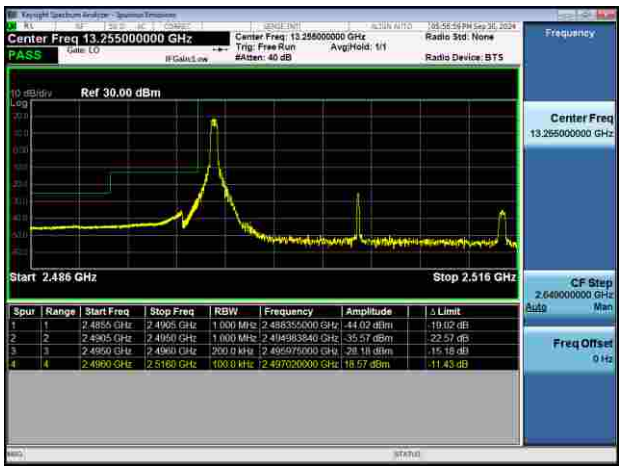

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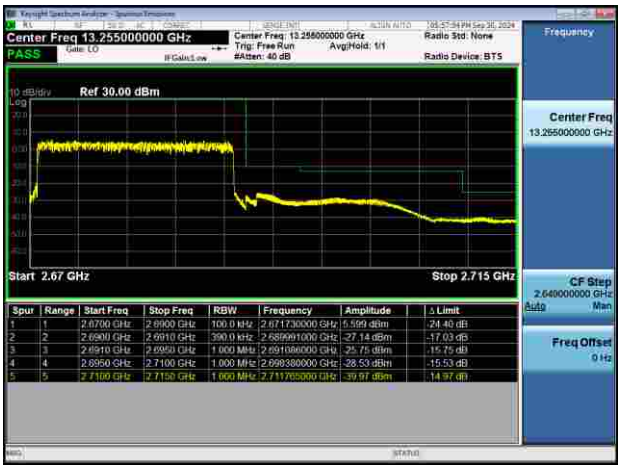
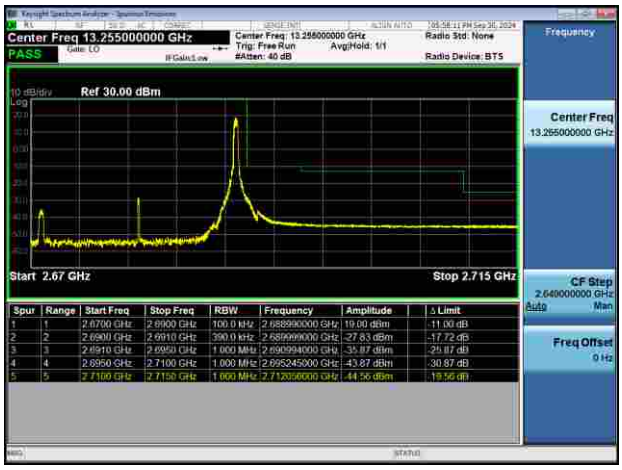
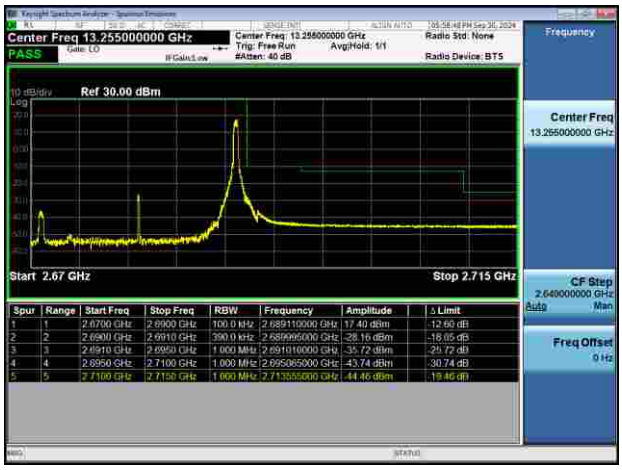


NTNV-n41-PC2-30-20-H-DFT-BPSK-Outer_Full-PASS



NTNV-n41-PC2-30-20-H-DFT-BPSK-Edge_1RB_Right-PASS

NTNV-n41-PC2-30-20-H-CP-QPSK-Outer_Full-PASS



NTNV-n41-PC2-30-20-H-CP-QPSK-Edge_1RB_Right-PASS

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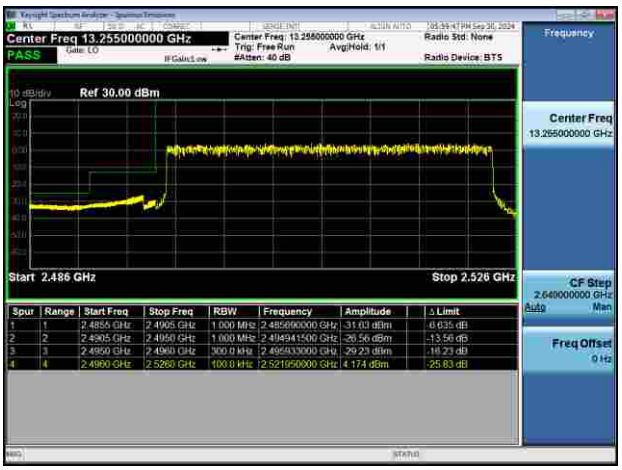
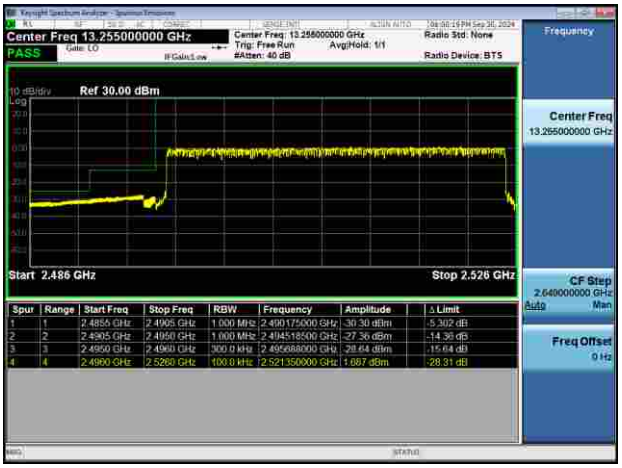


NTNV-n41-PC2-30-30-L-DFT-BPSK-Outer_Full-PASS

NTNV-n41-PC2-30-30-L-DFT-BPSK-Edge_1RB_Left-PASS



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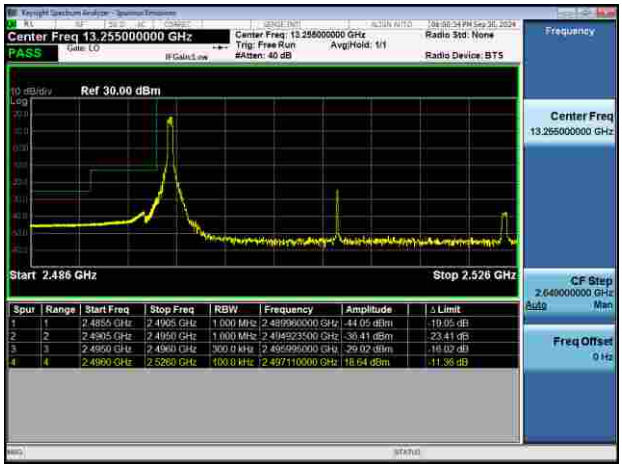
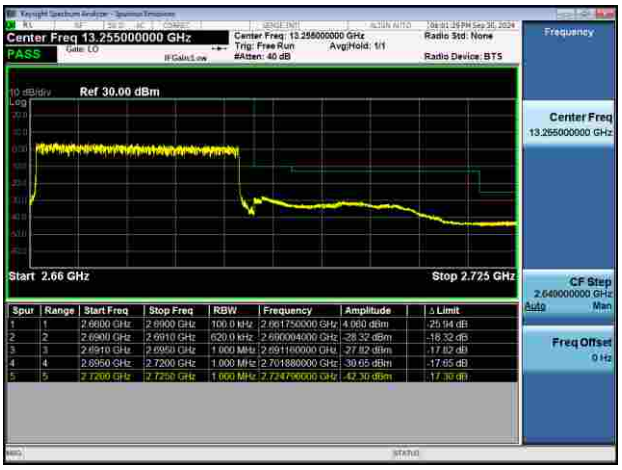
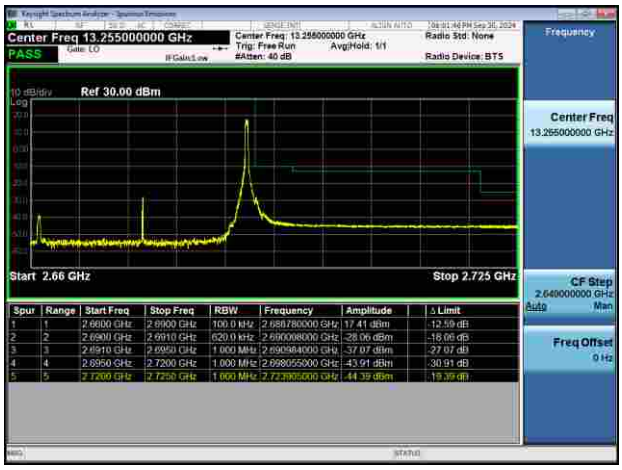


NTNV-n41-PC2-30-30-L-CP-QPSK-Edge_1RB_Left-PASS



NTNV-n41-PC2-30-30-H-DFT-BPSK-Outer_Full-PASS



NTNV-n41-PC2-30-30-H-DFT-BPSK-Edge_1RB_Right-PASS

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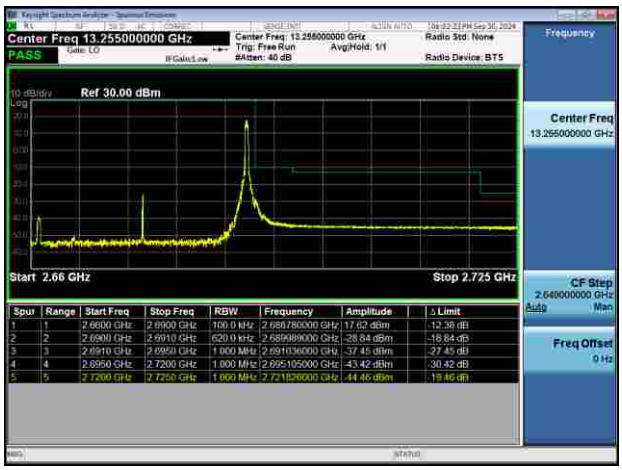
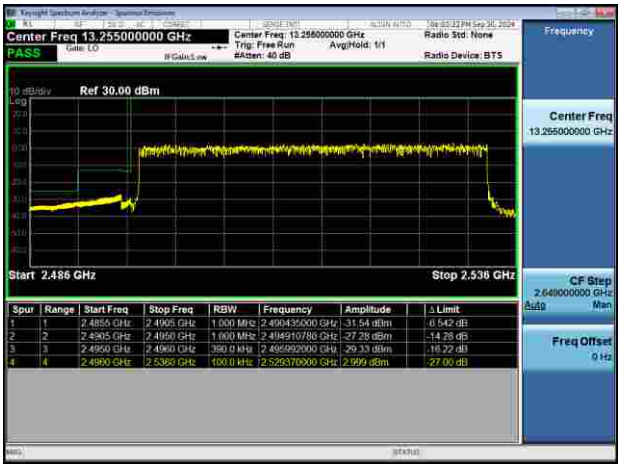
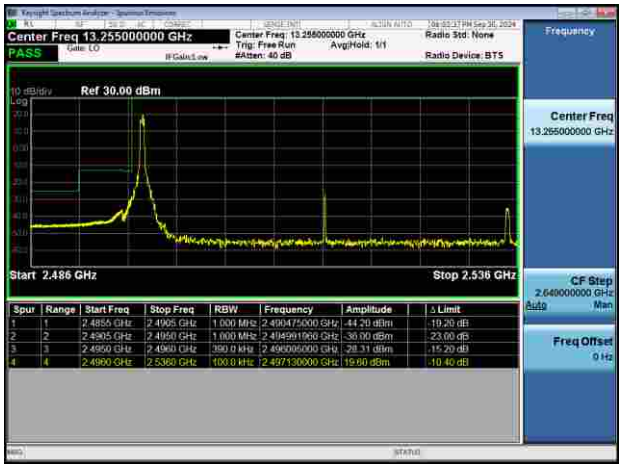
NTNV-n41-PC2-30-30-H-CP-QPSK-Outer_Full-PASS



NTNV-n41-PC2-30-30-H-CP-QPSK-Edge_1RB_Right-PASS



NTNV-n41-PC2-30-40-L-DFT-BPSK-Outer_Full-PASS



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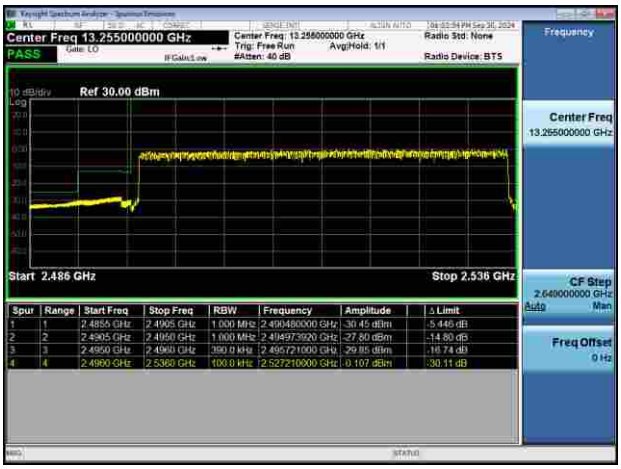
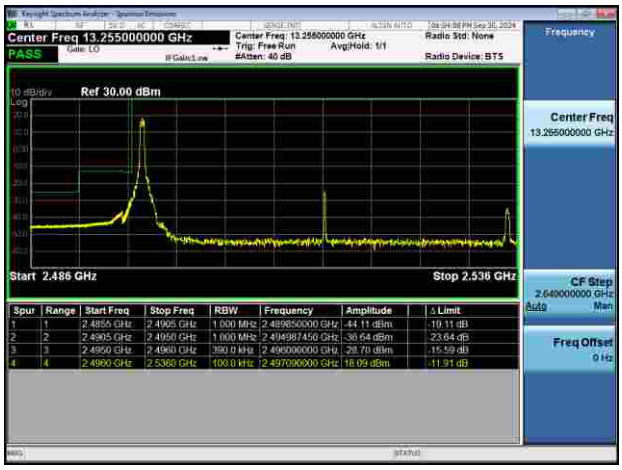


NTNV-n41-PC2-30-40-L-CP-QPSK-Outer_Full-PASS



NTNV-n41-PC2-30-40-L-CP-QPSK-Edge_1RB_Left-PASS

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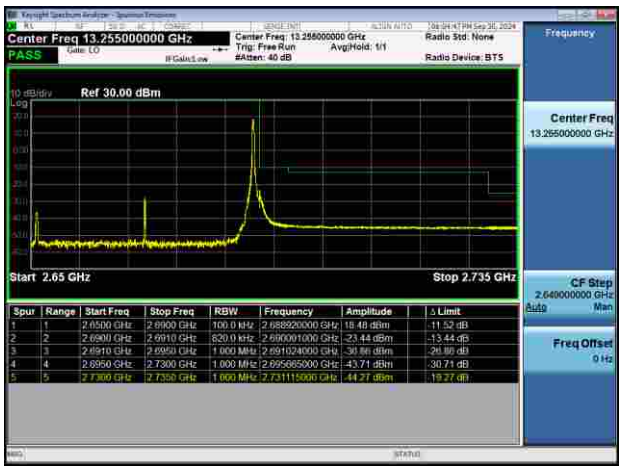
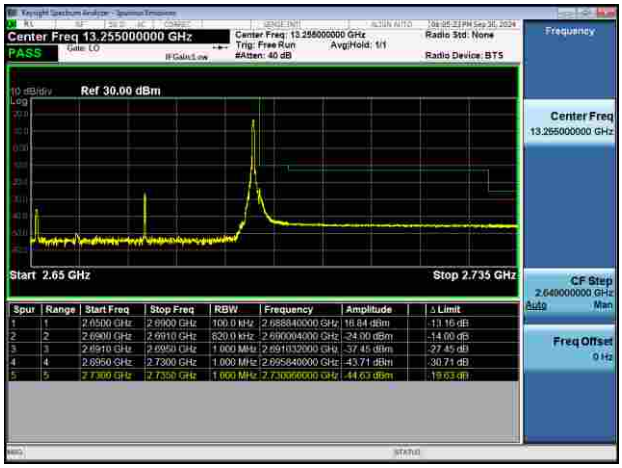
NTNV-n41-PC2-30-40-H-DFT-BPSK-Outer_Full-PASS

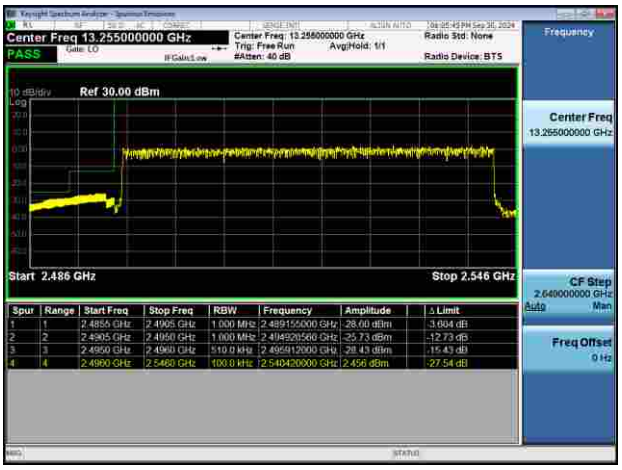


NTNV-n41-PC2-30-40-H-DFT-BPSK-Edge_1RB_Right-PASS

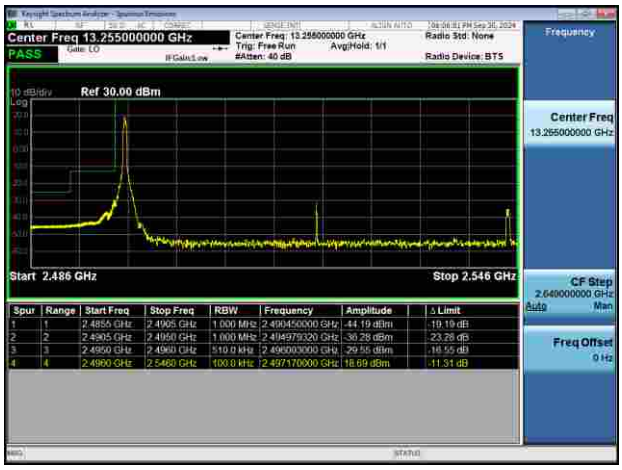
NTNV-n41-PC2-30-40-H-CP-QPSK-Outer_Full-PASS



NTNV-n41-PC2-30-40-H-CP-QPSK-Edge_1RB_Right-PASS



NTNV-n41-PC2-30-50-L-DFT-BPSK-Outer_Full-PASS



NTNV-n41-PC2-30-50-L-DFT-BPSK-Edge_1RB_Left-PASS

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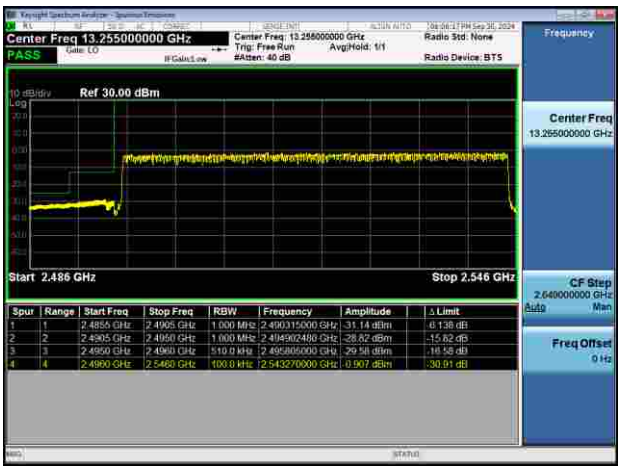
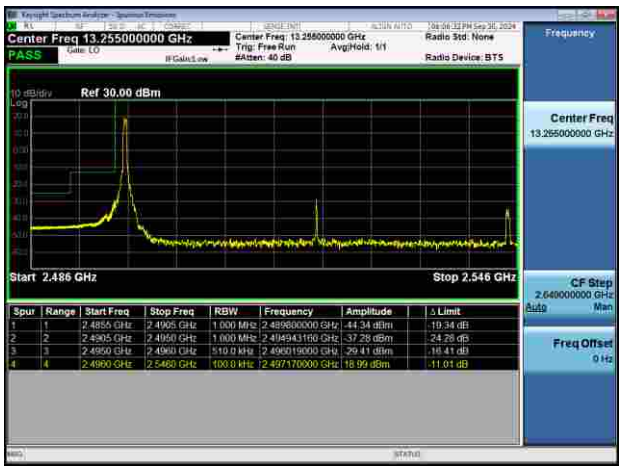
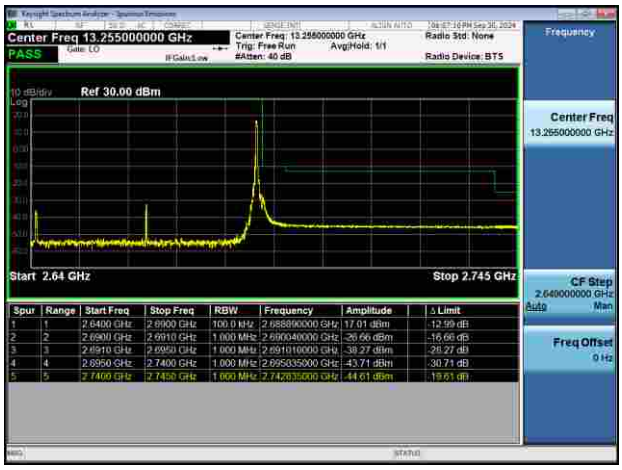


NTNV-n41-PC2-30-50-L-CP-QPSK-Outer_Full-PASS



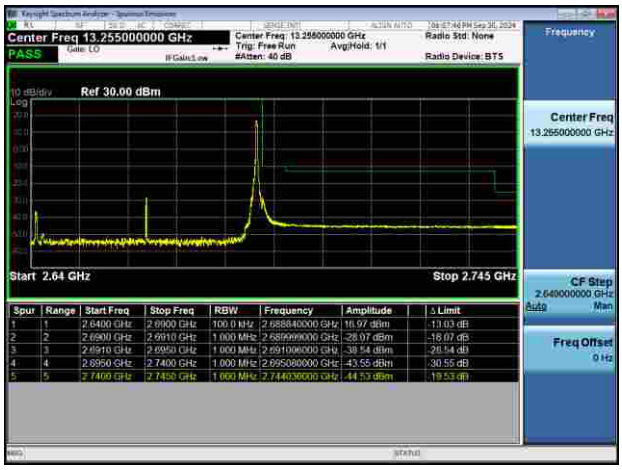
NTNV-n41-PC2-30-50-L-CP-QPSK-Edge_1RB_Left-PASS

NTNV-n41-PC2-30-50-H-DFT-BPSK-Outer_Full-PASS



NTNV-n41-PC2-30-50-H-DFT-BPSK-Edge_1RB_Right-PASS

NTNV-n41-PC2-30-50-H-CP-QPSK-Outer_Full-PASS



NTNV-n41-PC2-30-50-H-CP-QPSK-Edge_1RB_Right-PASS

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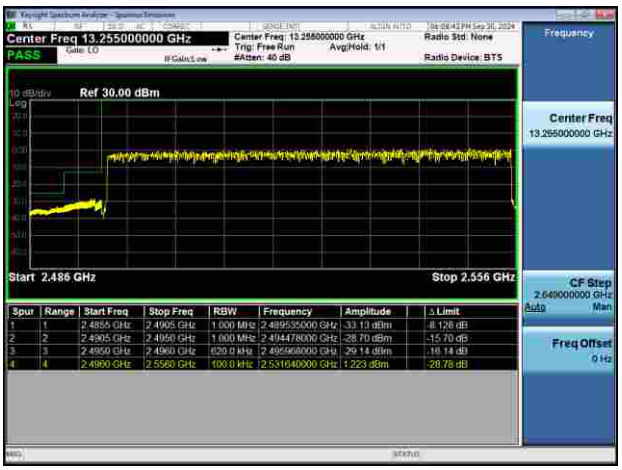
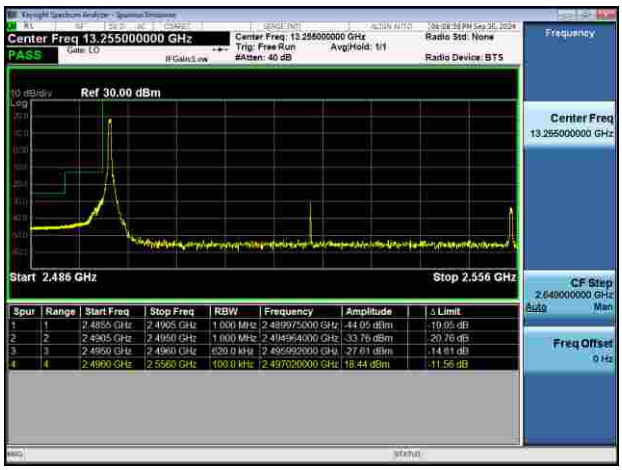
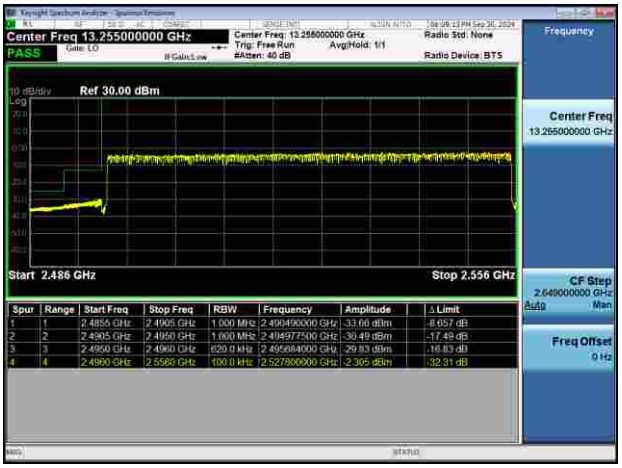


NTNV-n41-PC2-30-60-L-DFT-BPSK-Outer_Full-PASS



NTNV-n41-PC2-30-60-L-DFT-BPSK-Edge_1RB_Left-PASS



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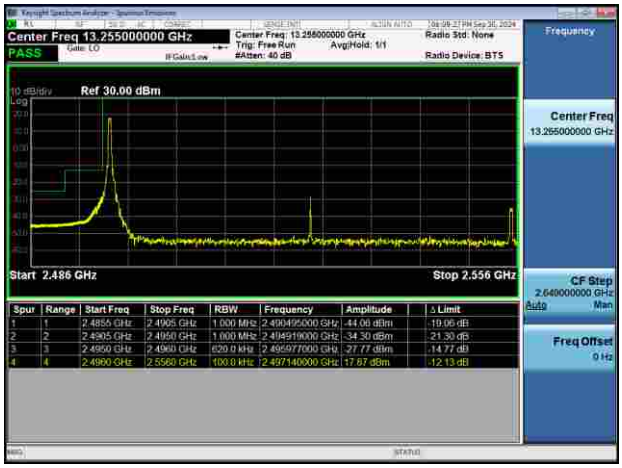
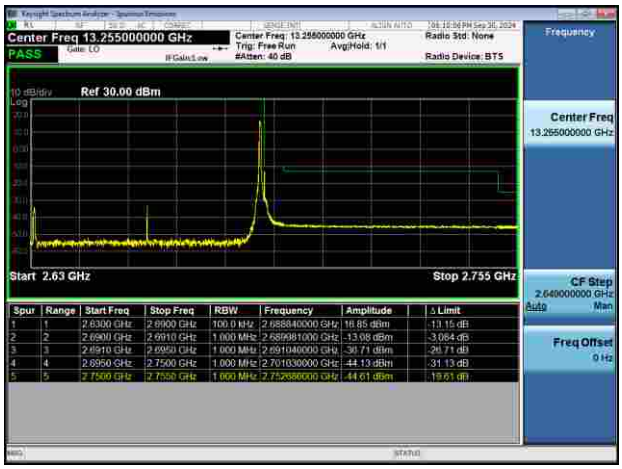


NTNV-n41-PC2-30-60-L-CP-QPSK-Edge_1RB_Left-PASS

NTNV-n41-PC2-30-60-H-DFT-BPSK-Outer_Full-PASS



NTNV-n41-PC2-30-60-H-DFT-BPSK-Edge_1RB_Right-PASS

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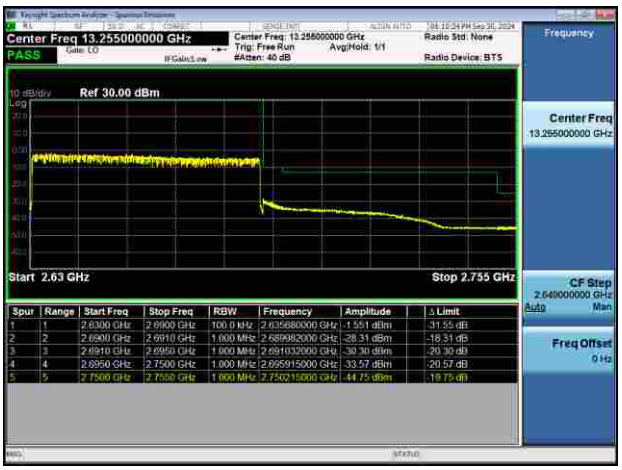
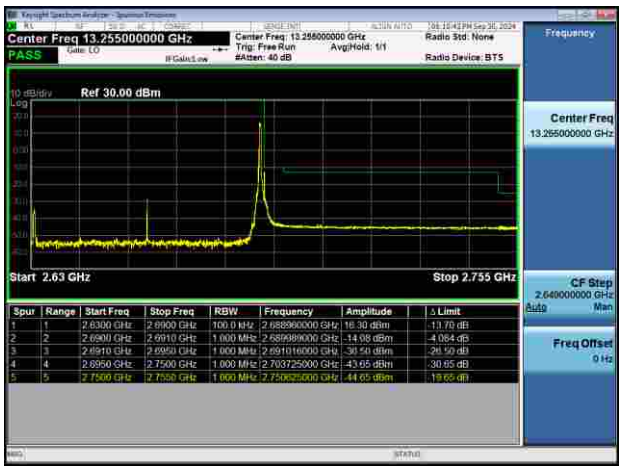
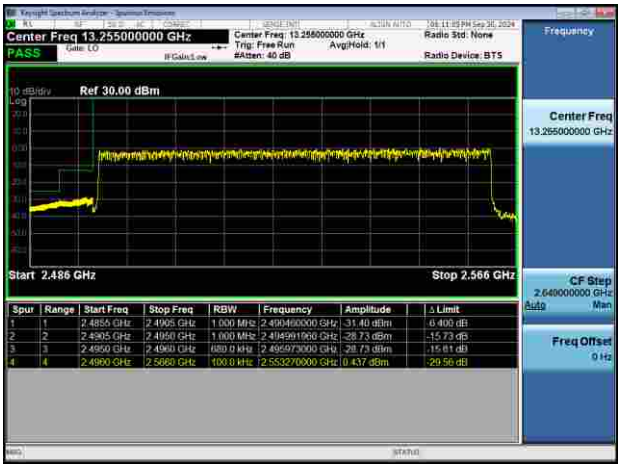


NTNV-n41-PC2-30-60-H-CP-QPSK-Outer_Full-PASS



NTNV-n41-PC2-30-60-H-CP-QPSK-Edge_1RB_Right-PASS



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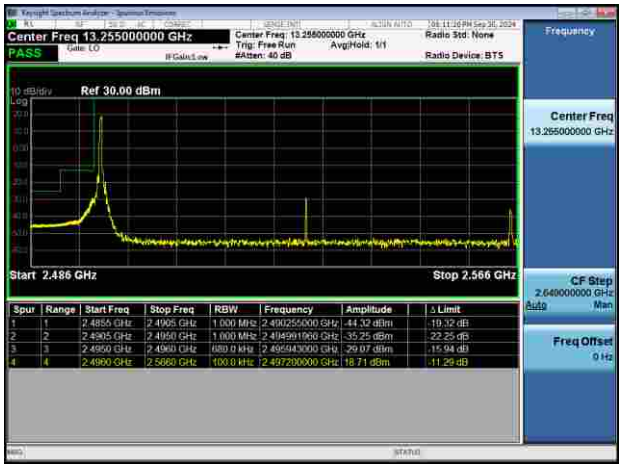
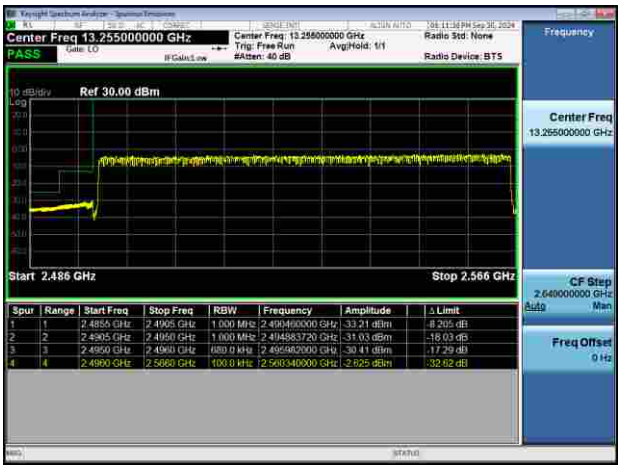
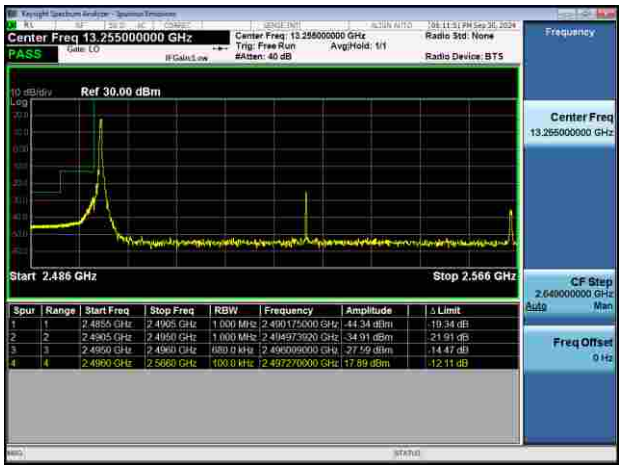


NTNV-n41-PC2-30-70-L-DFT-BPSK-Edge_1RB_Left-PASS



NTNV-n41-PC2-30-70-L-CP-QPSK-Outer_Full-PASS



NTNV-n41-PC2-30-70-L-CP-QPSK-Edge_1RB_Left-PASS

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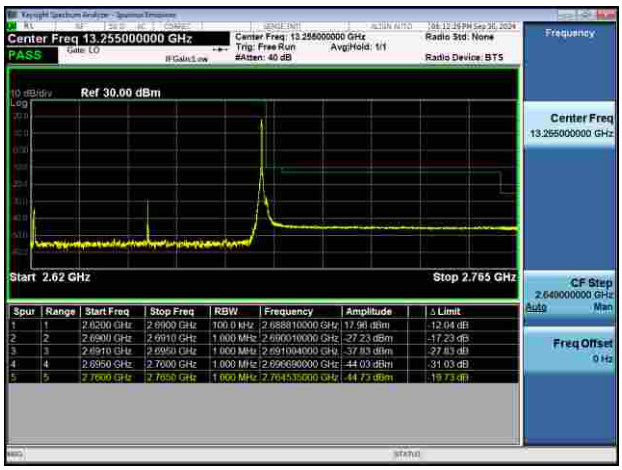
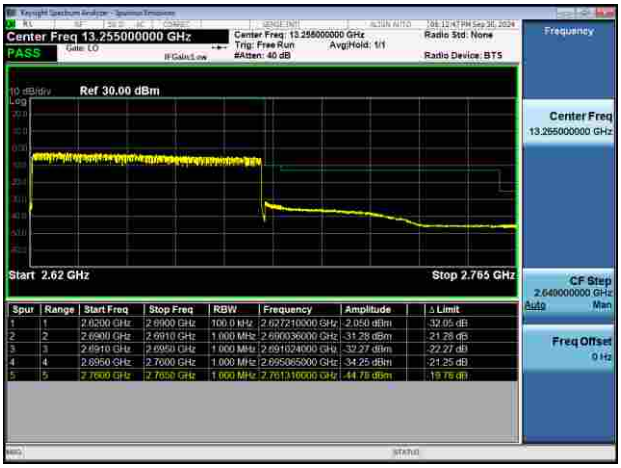
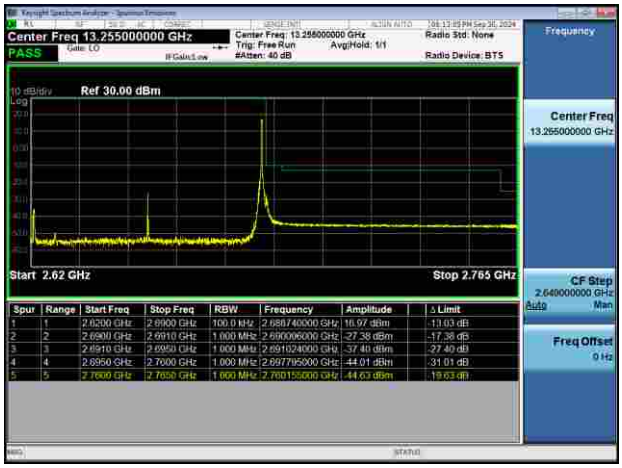
NTNV-n41-PC2-30-70-H-DFT-BPSK-Outer_Full-PASS



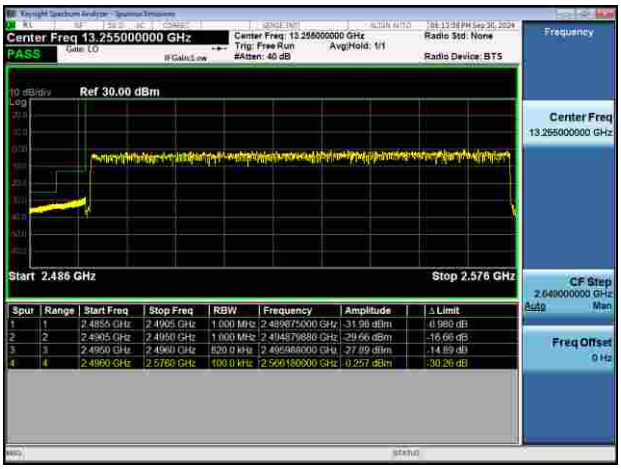
NTNV-n41-PC2-30-70-H-DFT-BPSK-Edge_1RB_Right-PASS



NTNV-n41-PC2-30-70-H-CP-QPSK-Outer_Full-PASS



NTNV-n41-PC2-30-70-H-CP-QPSK-Edge_1RB_Right-PASS



NTNV-n41-PC2-30-80-L-DFT-BPSK-Outer_Full-PASS

NTNV-n41-PC2-30-80-L-DFT-BPSK-Edge_1RB_Left-PASS

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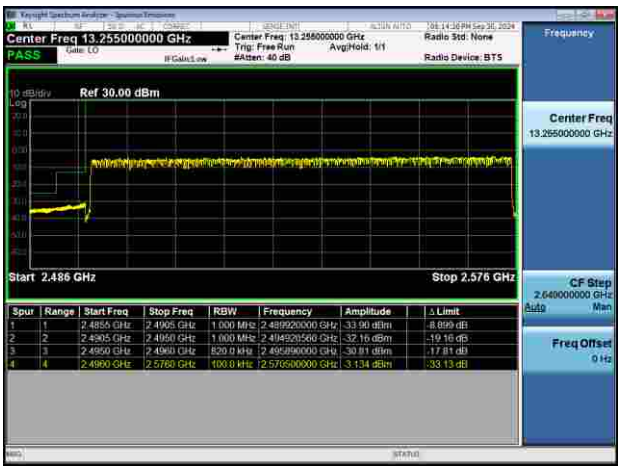
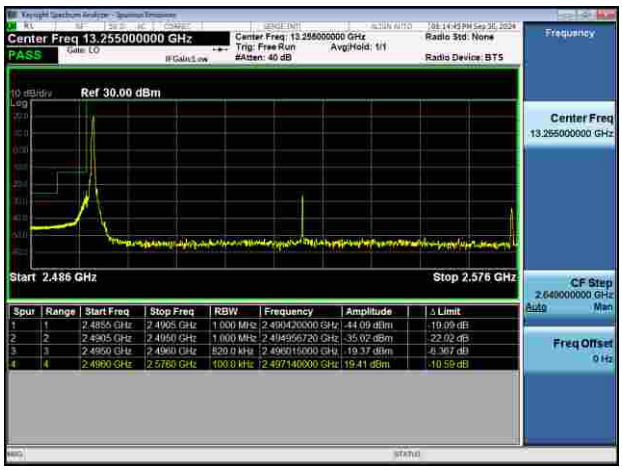
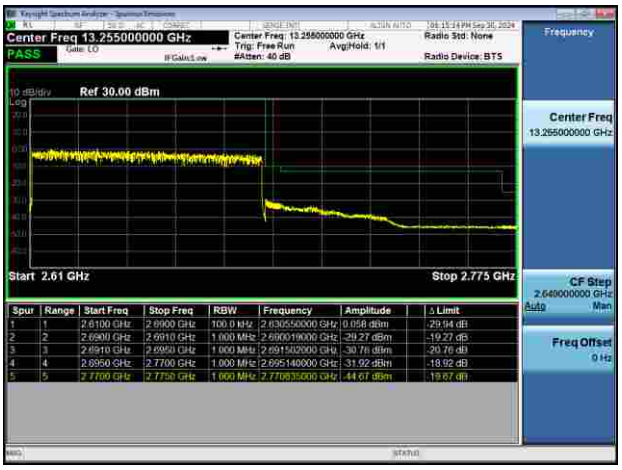


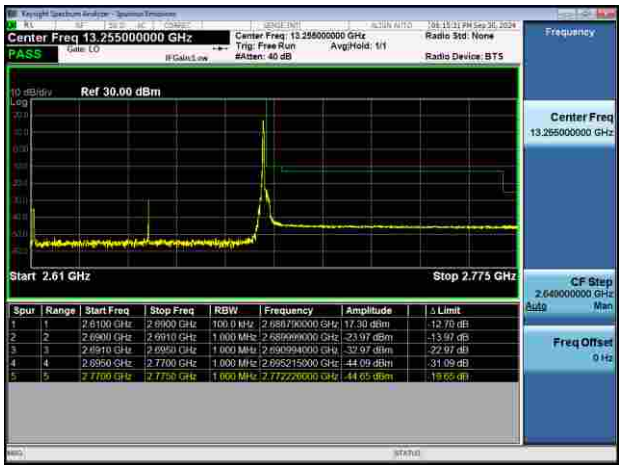
NTNV-n41-PC2-30-80-L-CP-QPSK-Outer_Full-PASS



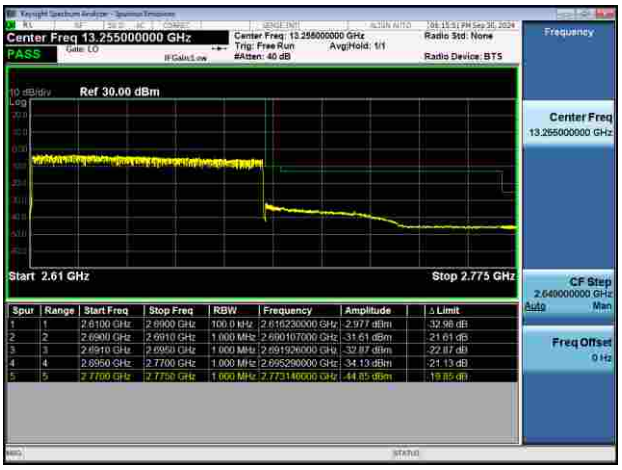
NTNV-n41-PC2-30-80-L-CP-QPSK-Edge_1RB_Left-PASS



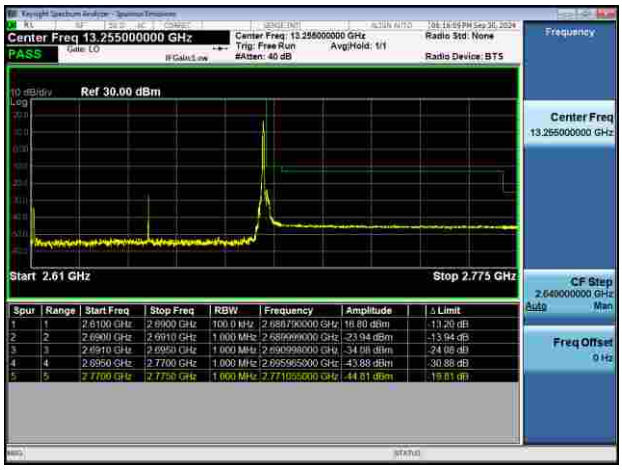
NTNV-n41-PC2-30-80-H-DFT-BPSK-Outer_Full-PASS



NTNV-n41-PC2-30-80-H-DFT-BPSK-Edge_1RB_Right-PASS



NTNV-n41-PC2-30-80-H-CP-QPSK-Outer_Full-PASS



NTNV-n41-PC2-30-80-H-CP-QPSK-Edge_1RB_Right-PASS

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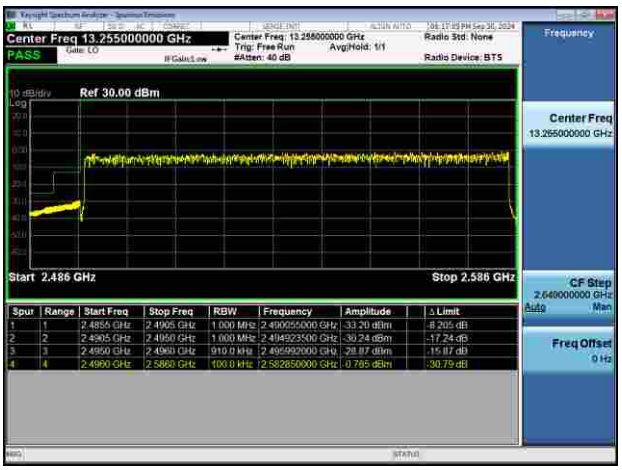
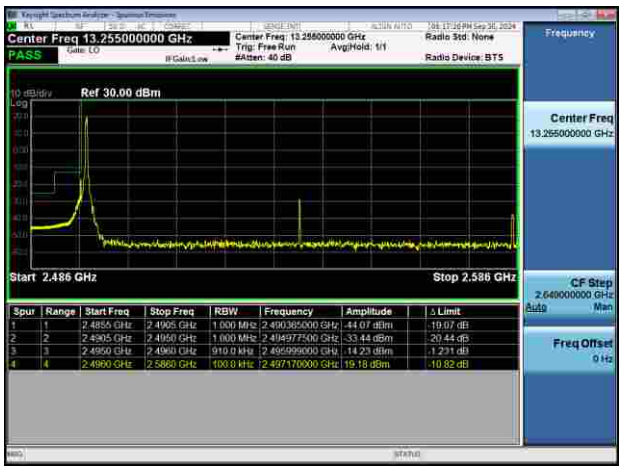


NTNV-n41-PC2-30-90-L-DFT-BPSK-Outer_Full-PASS



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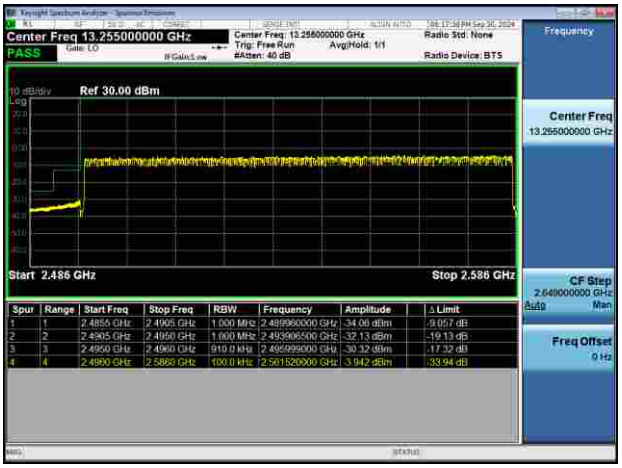

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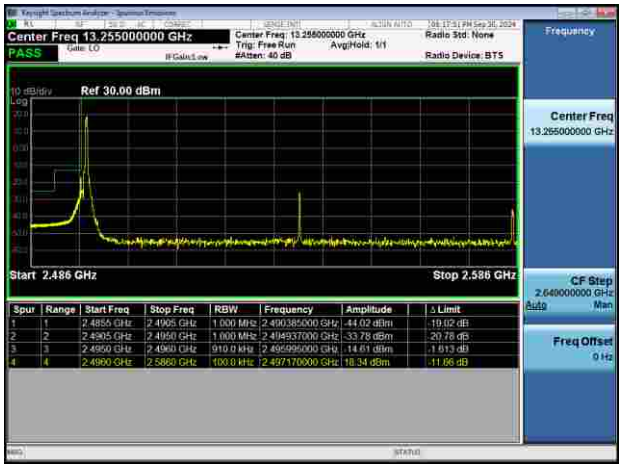

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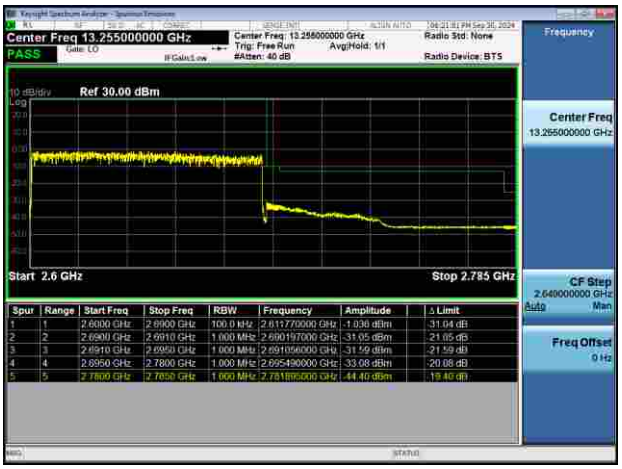

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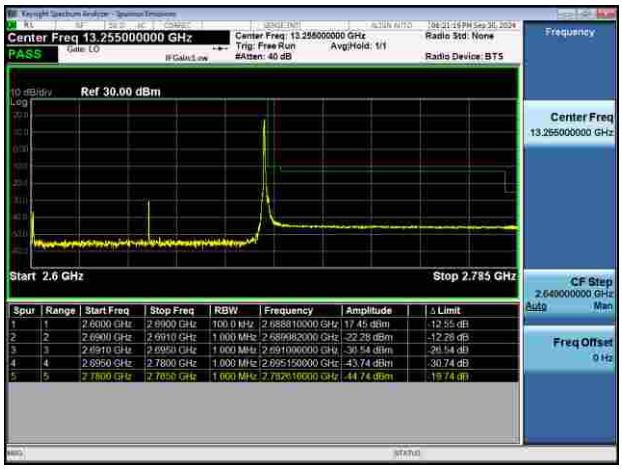

NTNV-n41-PC2-30-90-H-DFT-BPSK-Edge_1RB_Right-PASS

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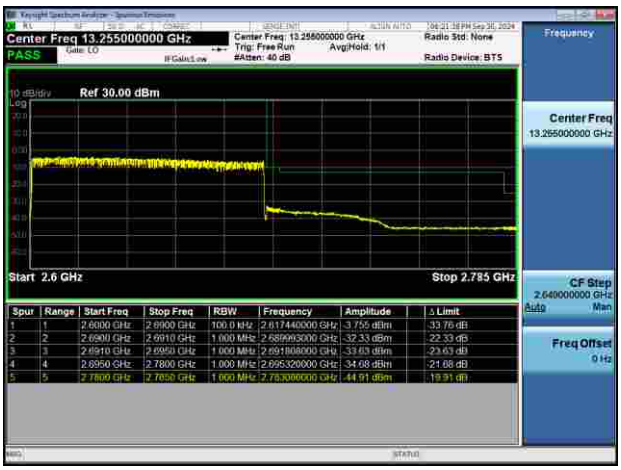

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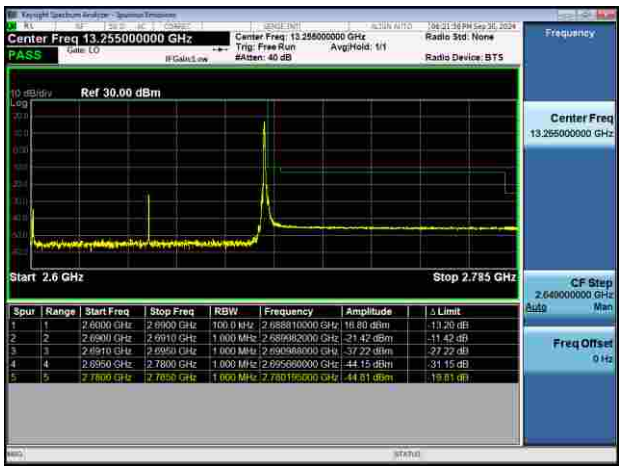

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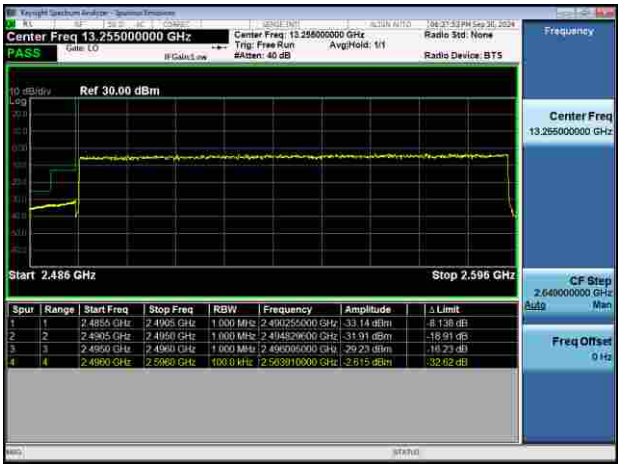

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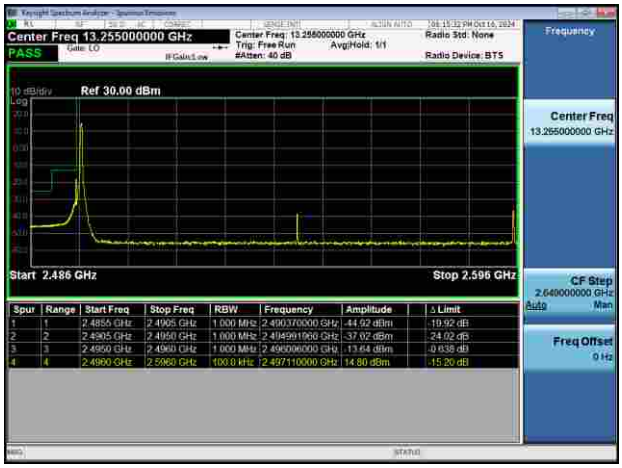

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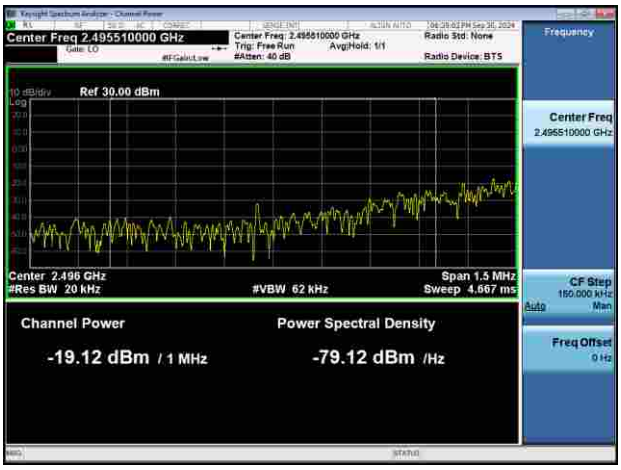

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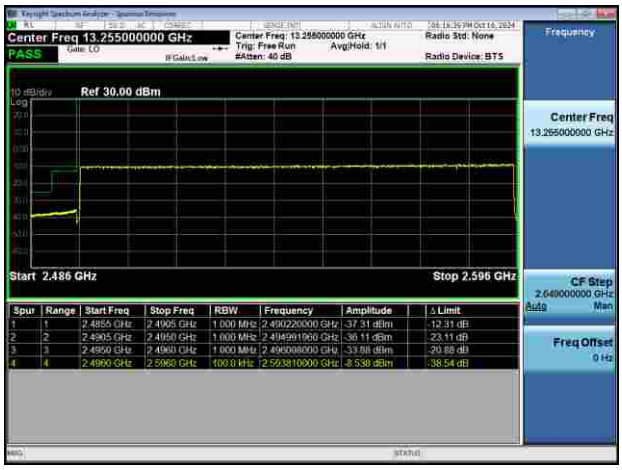

NTNV-n41-PC2-30-100-L-CP-QPSK-Outer_Full-PASS

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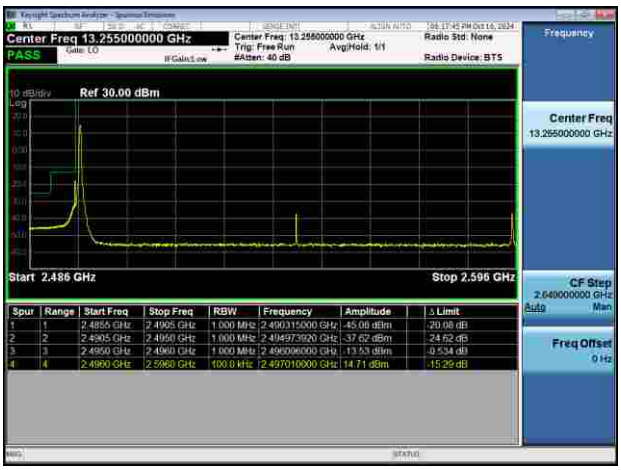

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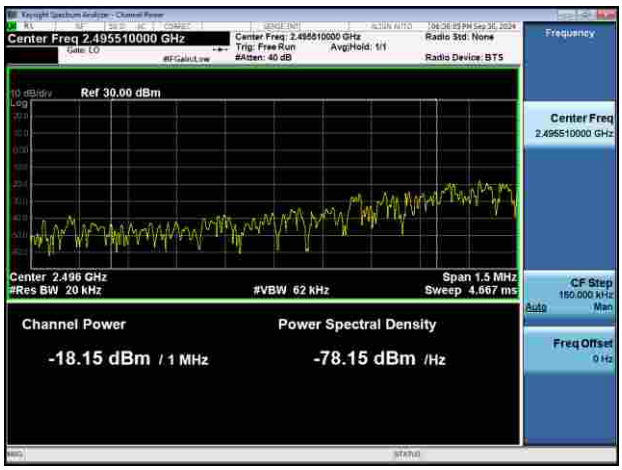

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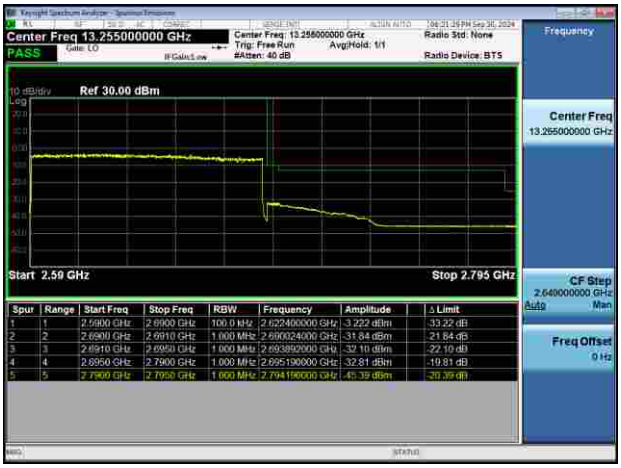

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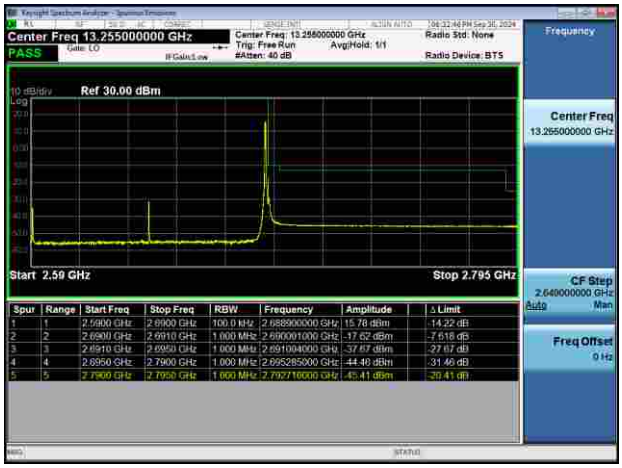

NTNV-n41-PC2-30-100-H-DFT-BPSK-Edge_1RB_Right-PASS

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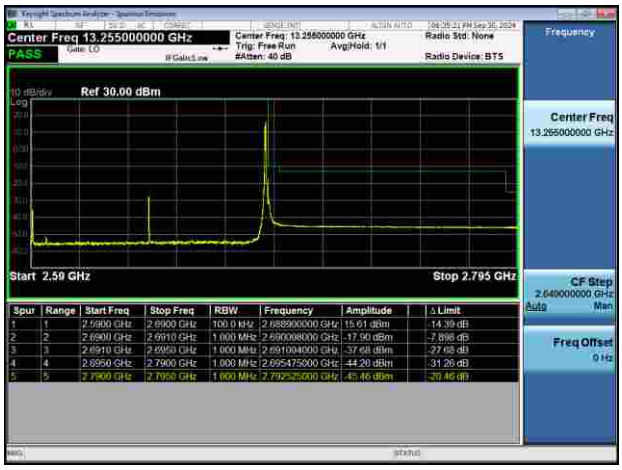

NTNV-n41-PC2-30-100-H-CP-QPSK-Edge_1RB_Right-PASS

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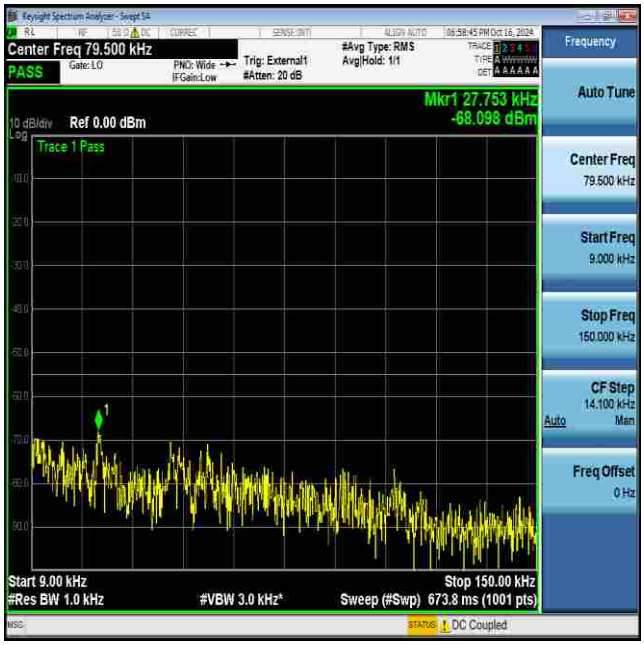
Conducted Spurious Emission for SA

Test Graphs



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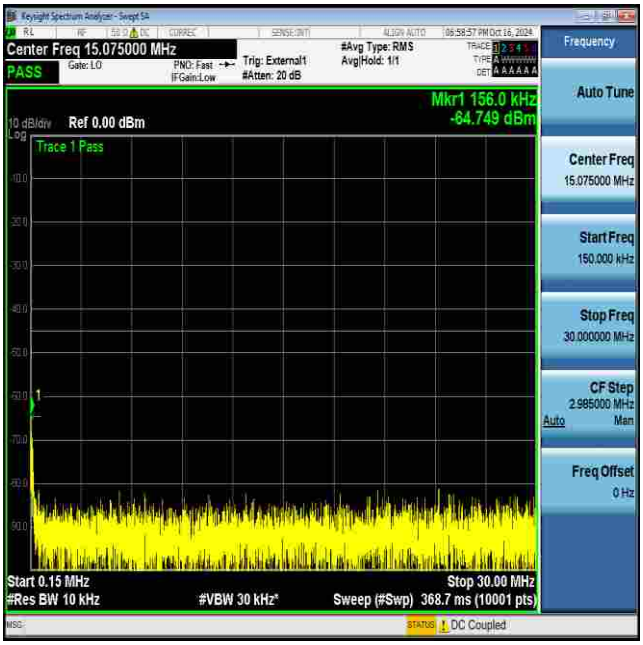

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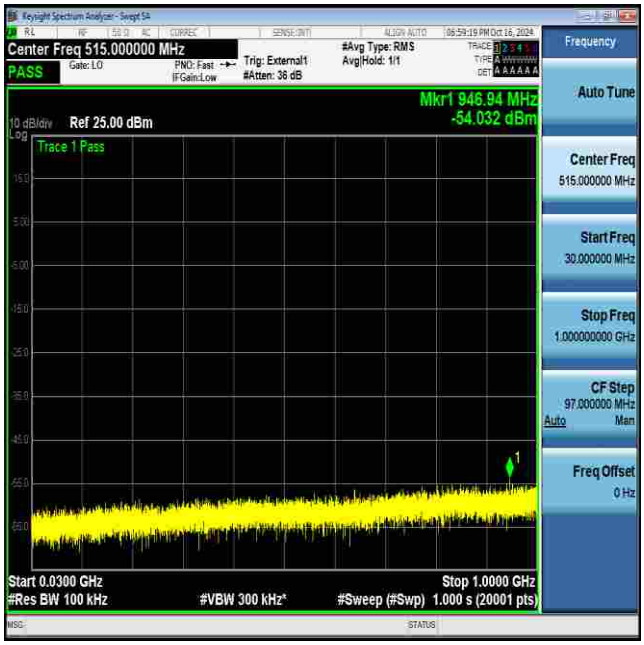

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NTNV_N41_PC2_30_100_L_TID2_NS_01_1000_3000_#1

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NTNV_N41_PC2_30_100_L_TID2_NS_01_3000_18000_#1

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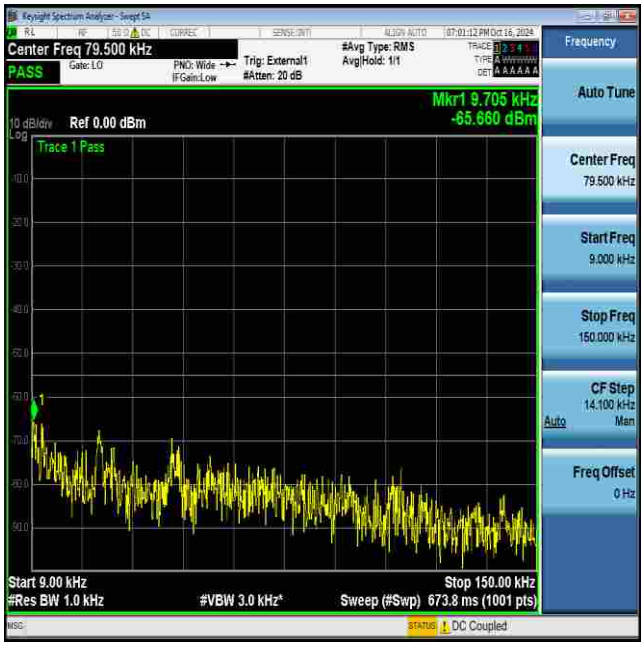

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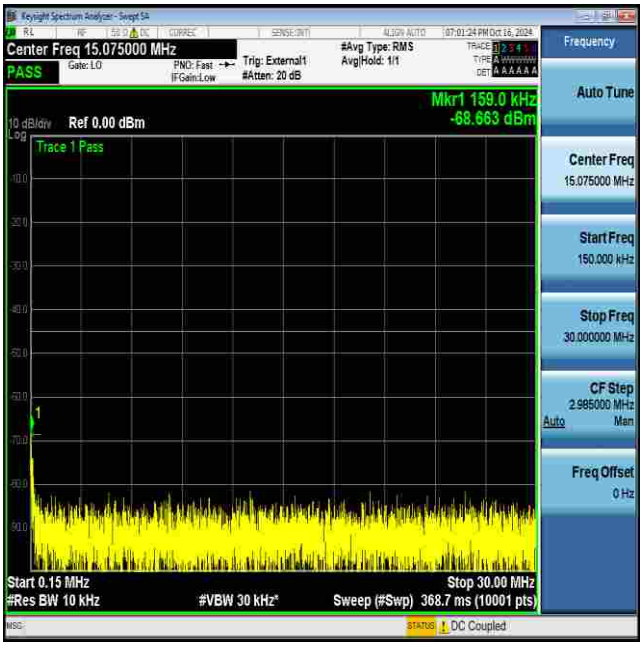

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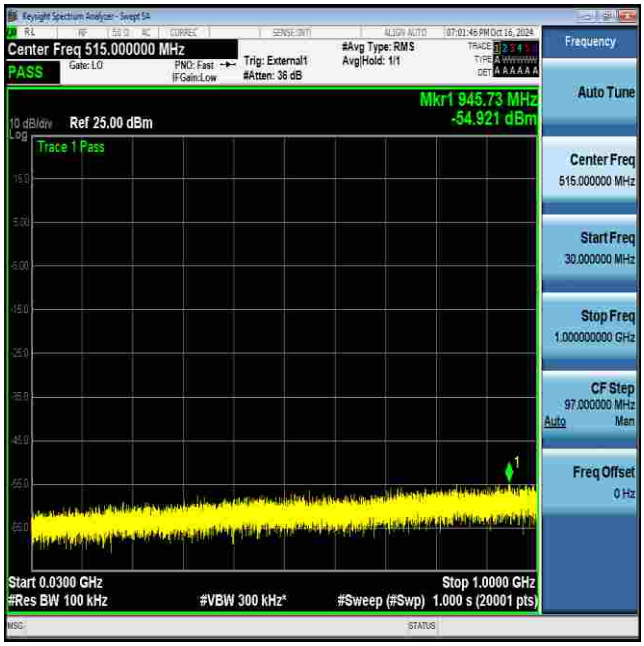

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NTNV_N41_PC2_30_100_M_TID2_NS_01_18000_30000_#1

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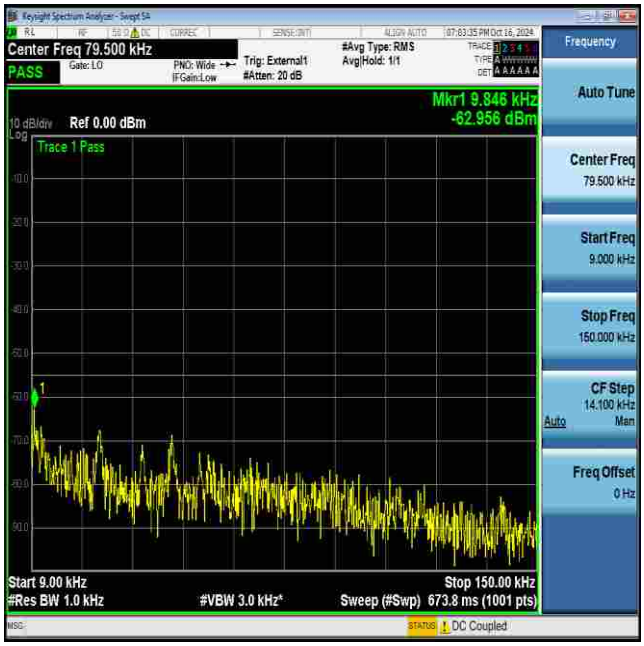

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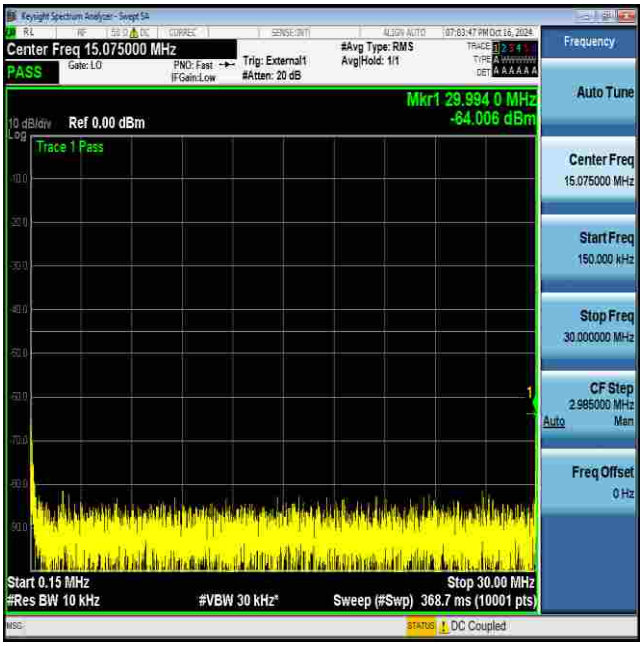

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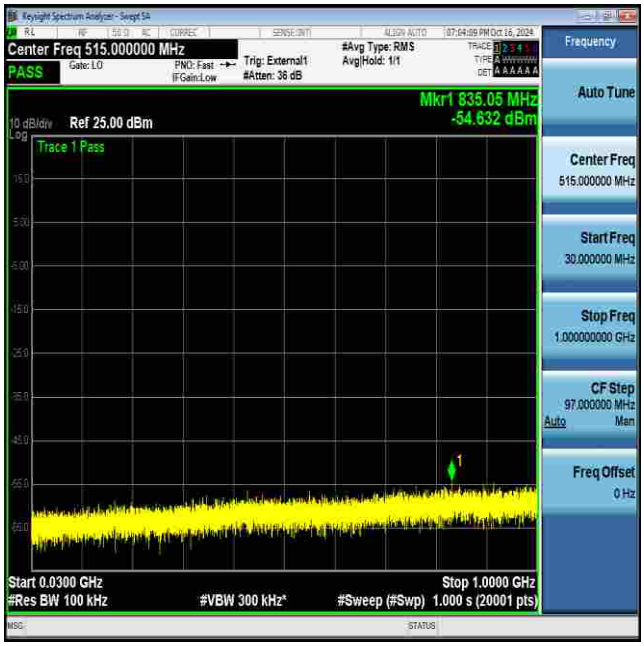

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NTNV_N41_PC2_30_100_H_TID2_NS_01_1000_3000_#1

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NTNV_N41_PC2_30_100_H_TID2_NS_01_3000_18000_#1

NTNV_N41_PC2_30_100_H_TID2_NS_01_18000_30000_#1

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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
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-13.600000	-0.005245	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-15.000000	-0.005785	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-13.900000	-0.005361	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VL	NT	-13.400000	-0.005168	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VN	NT	-8.199999	-0.003162	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VH	NT	-11.000000	-0.004242	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-13.000000	-0.005014	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-12.900000	-0.004975	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-16.600000	-0.006402	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-12.300000	-0.004744	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-8.000000	-0.003085	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-16.800000	-0.006479	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-14.000000	-0.005399	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-11.400000	-0.004396	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-13.900000	-0.005361	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-30	-8.500000	-0.003278	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-20	-12.000000	-0.004628	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-10	-5.400000	-0.002083	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	0	-12.700000	-0.004898	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	10	-9.700000	-0.003741	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	20	-9.700000	-0.003741	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	30	-14.300000	-0.005515	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	40	-19.000000	-0.007327	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	50	-14.800000	-0.005708	PASS

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