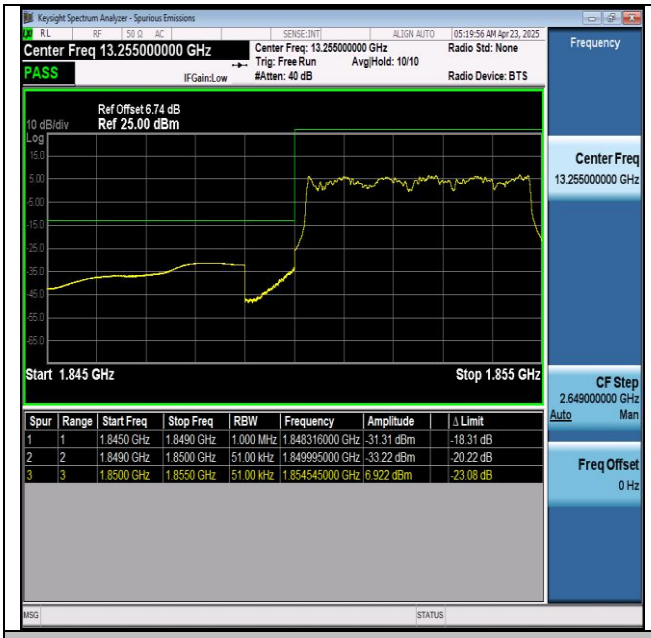
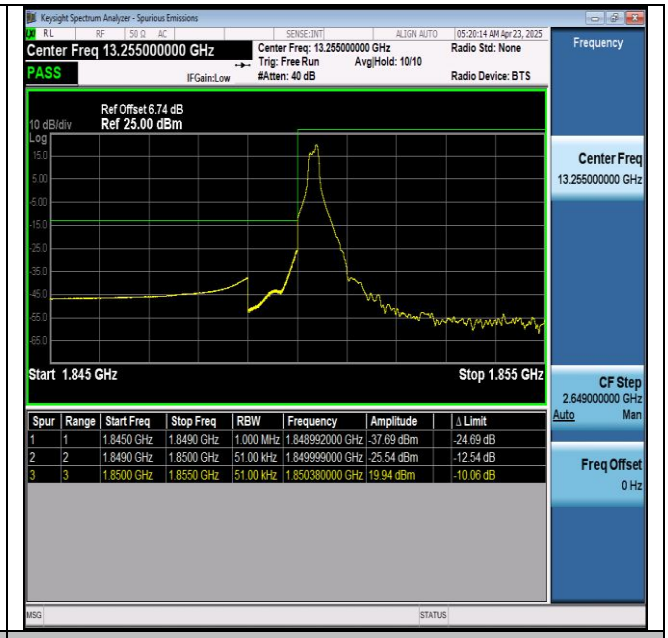
Band Edge for SA

Test Graphs



NTNV_N25_PC3_15_5_L_TID1_#1



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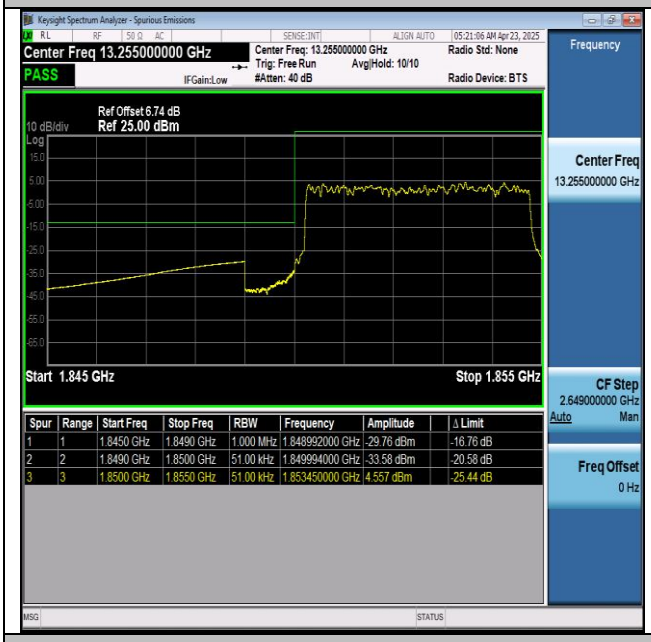

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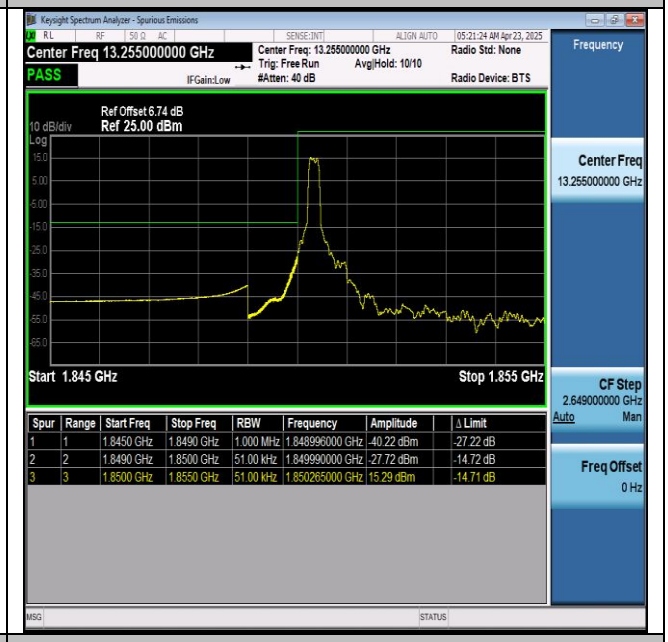

NTNV_N25_PC3_15_5_L_TID5_#1

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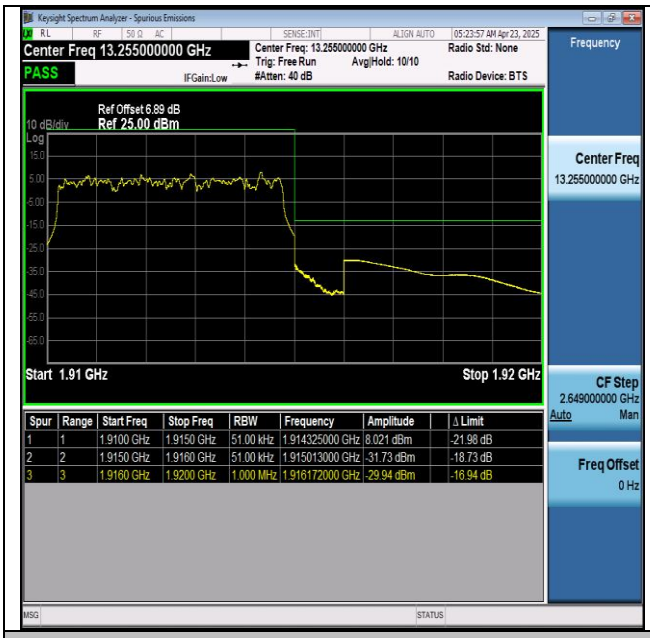

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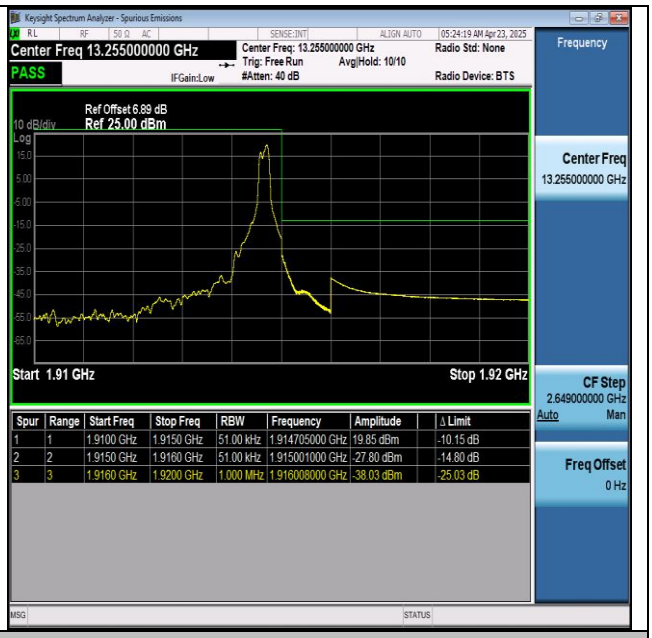

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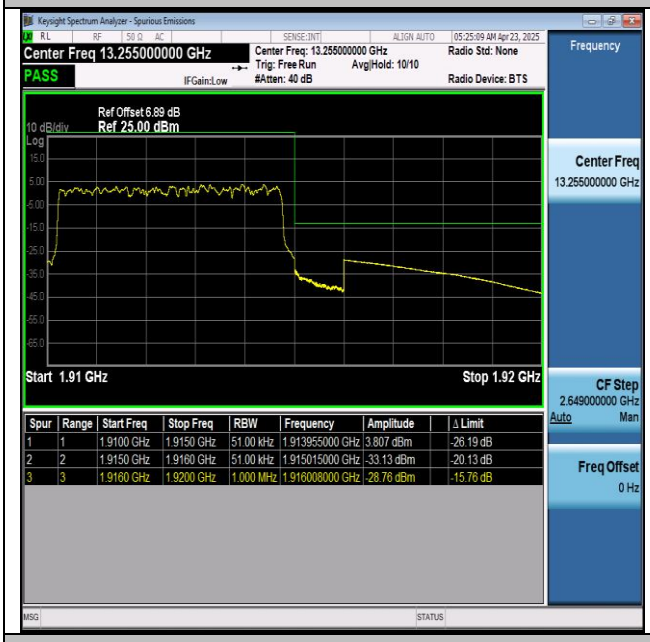

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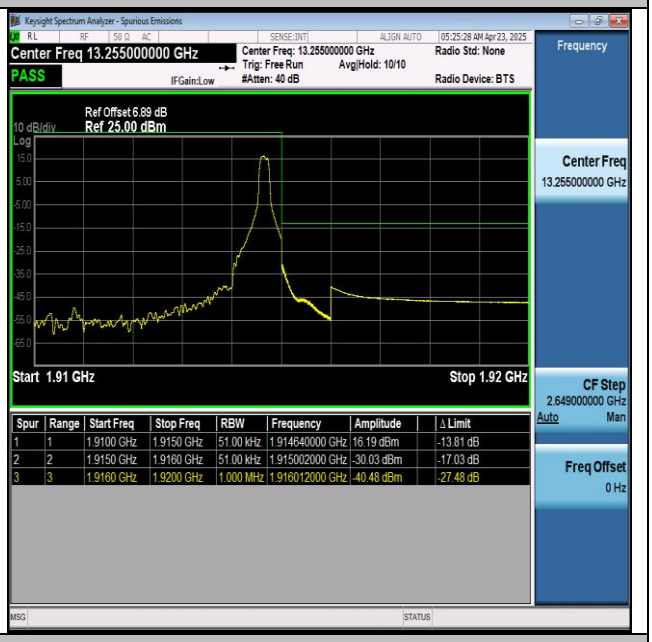

NTNV_N25_PC3_15_5_H_TID6_#1

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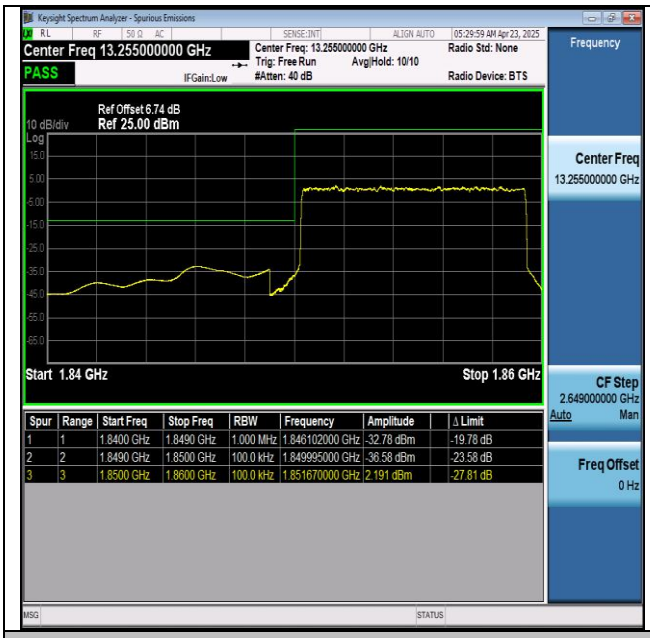

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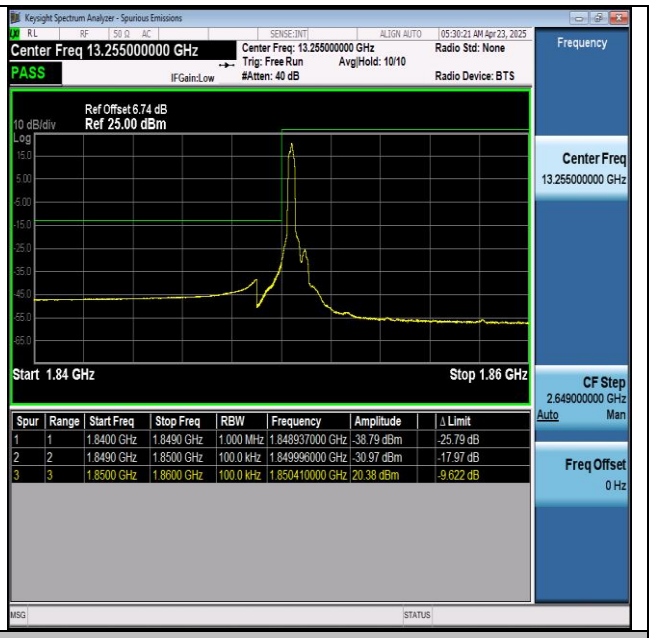

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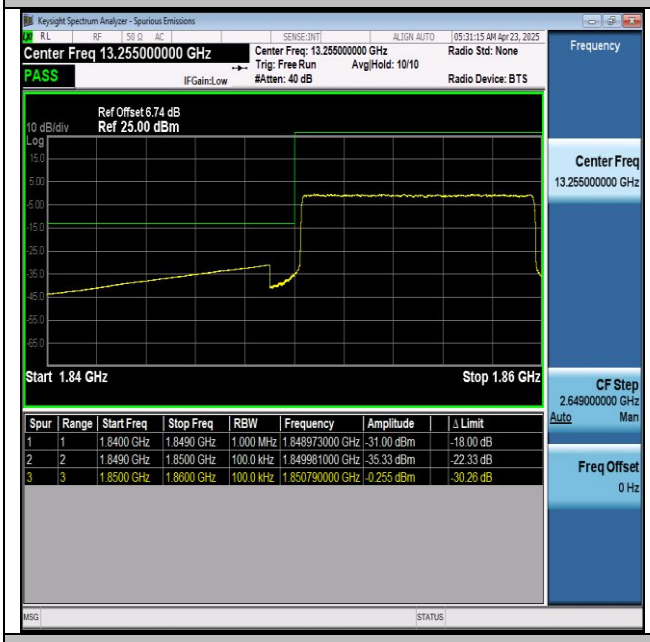

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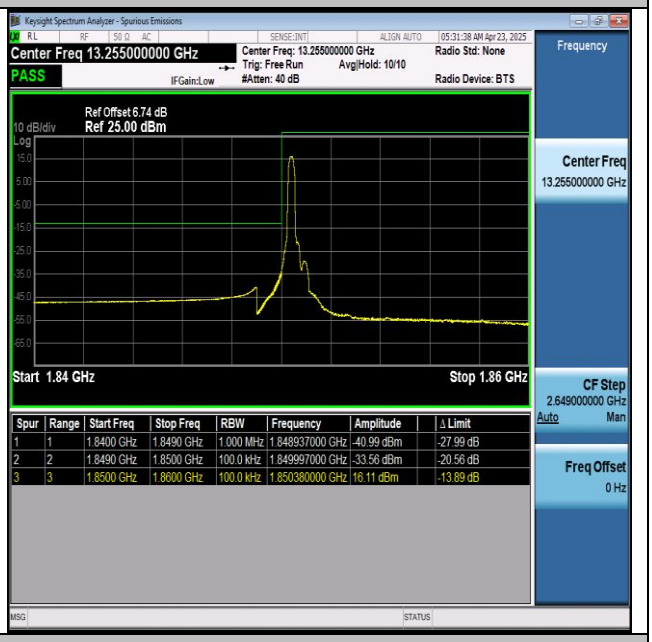

NTNV_N25_PC3_15_10_L_TID5_#1

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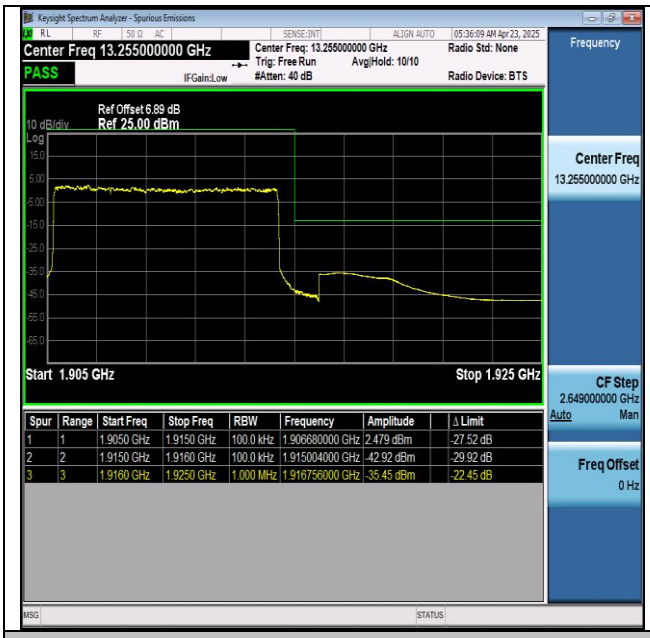

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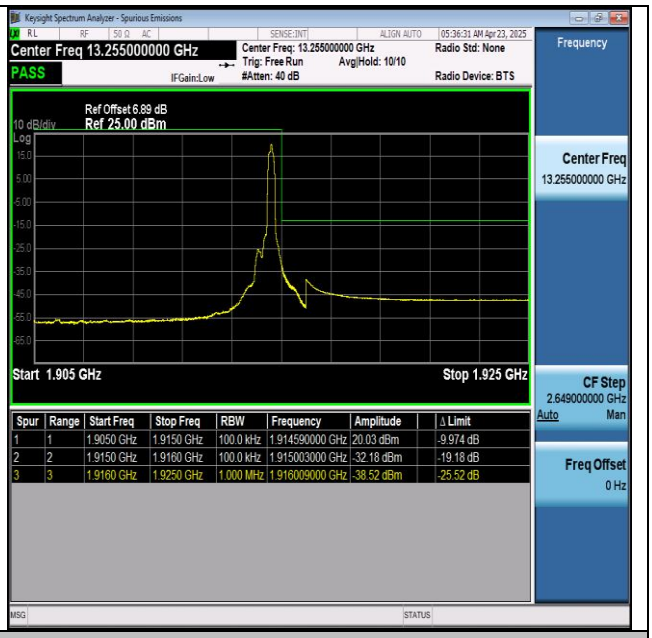

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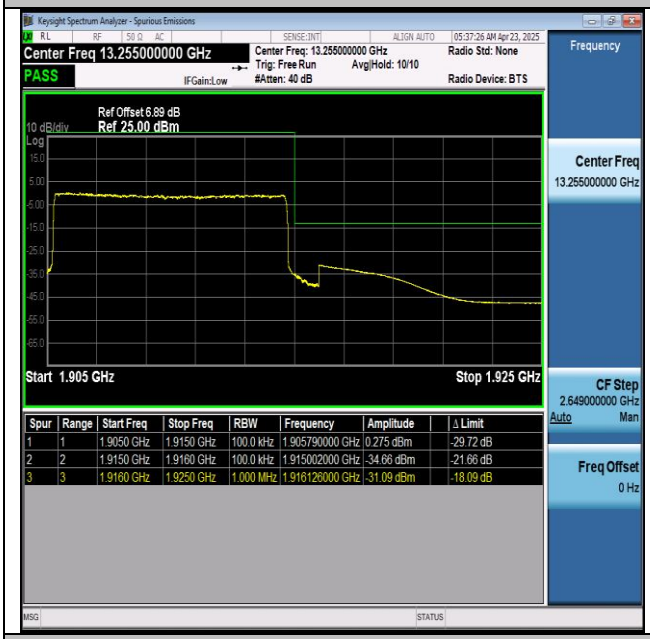

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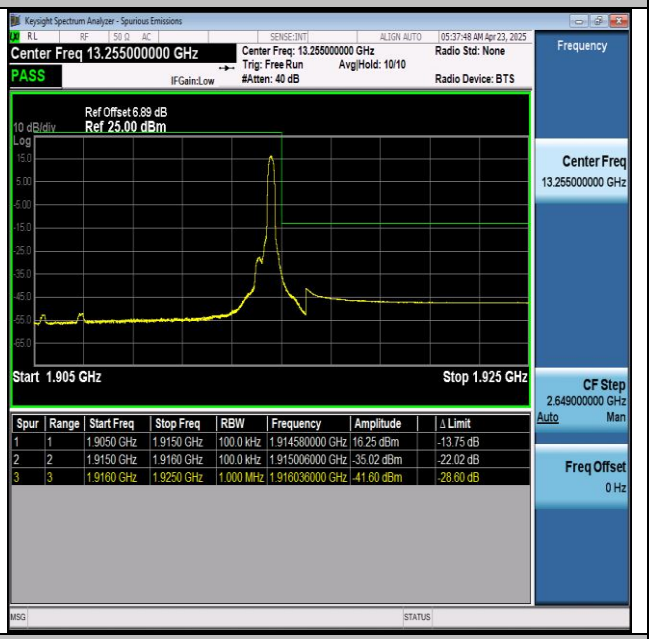

NTNV_N25_PC3_15_10_H_TID6_#1

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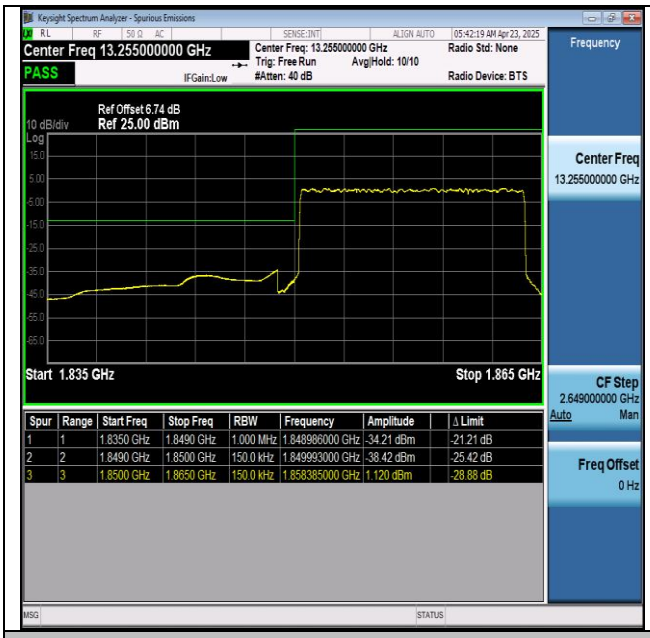

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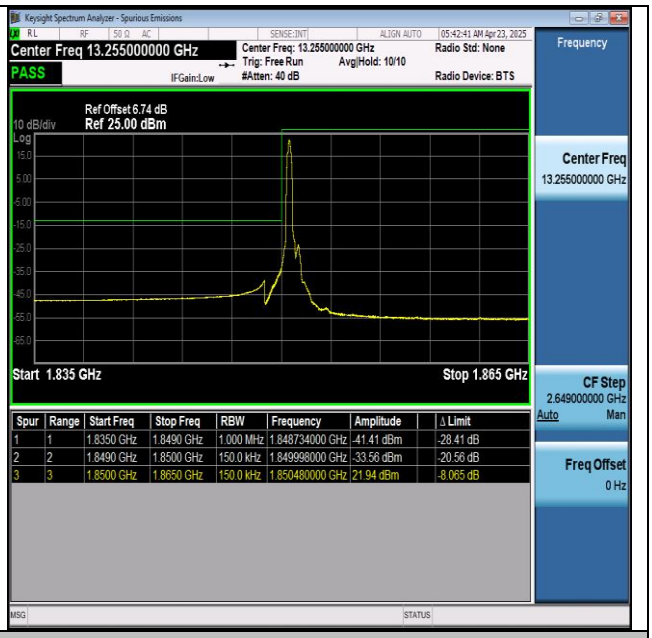

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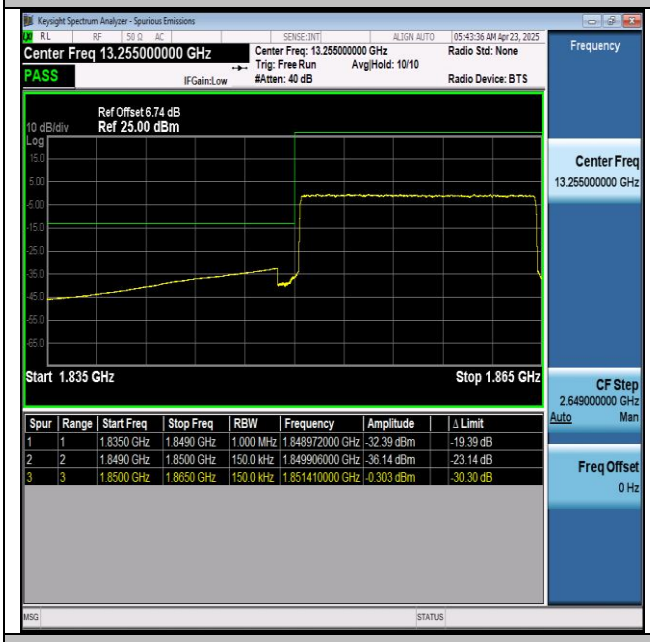

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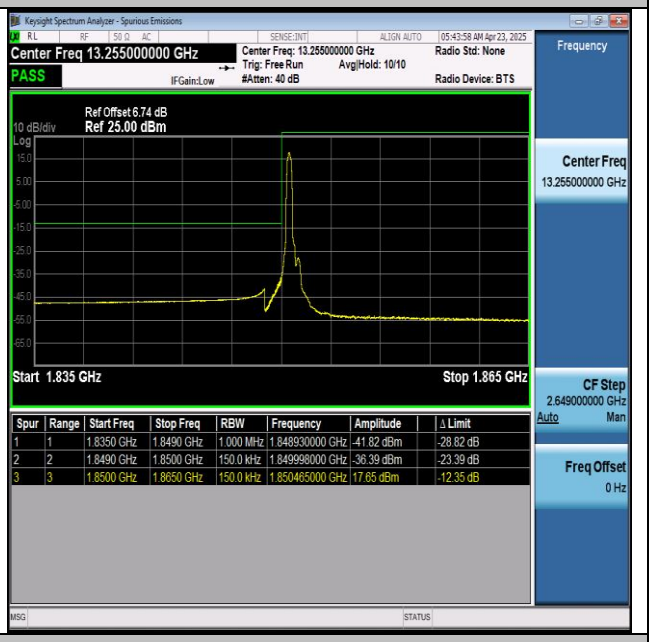

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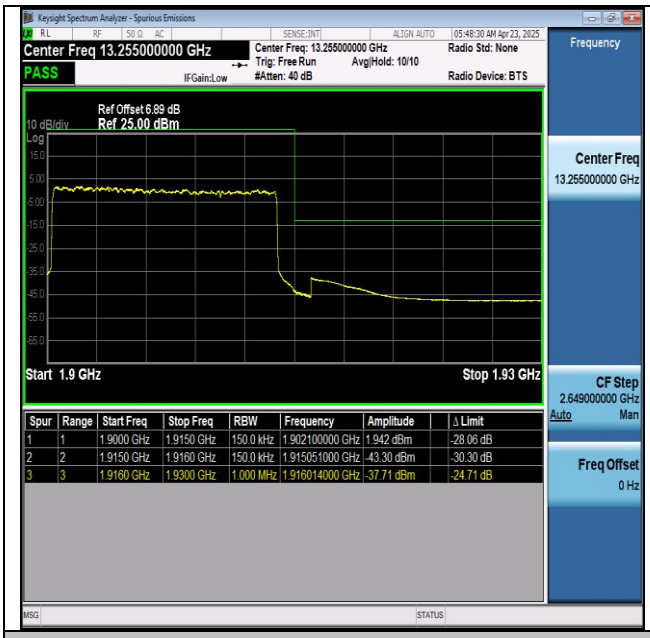

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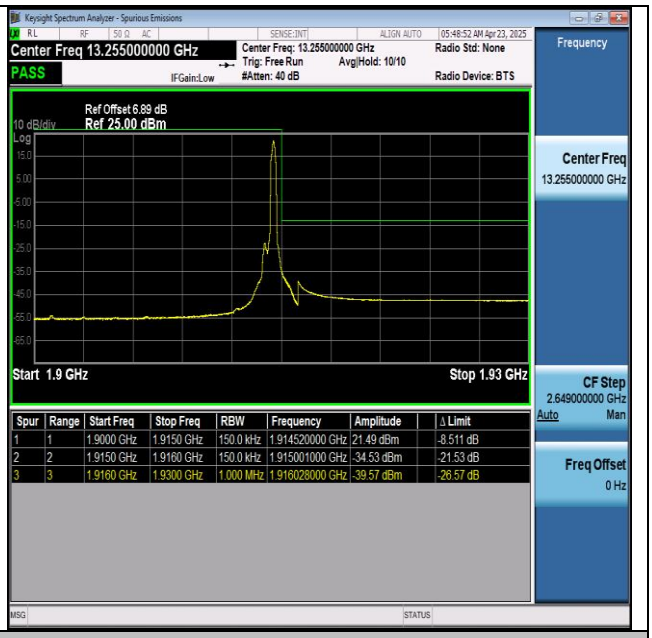

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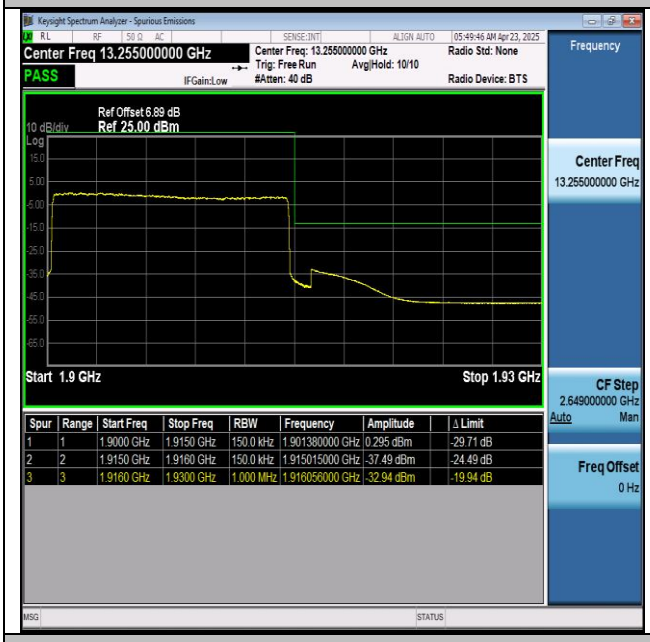

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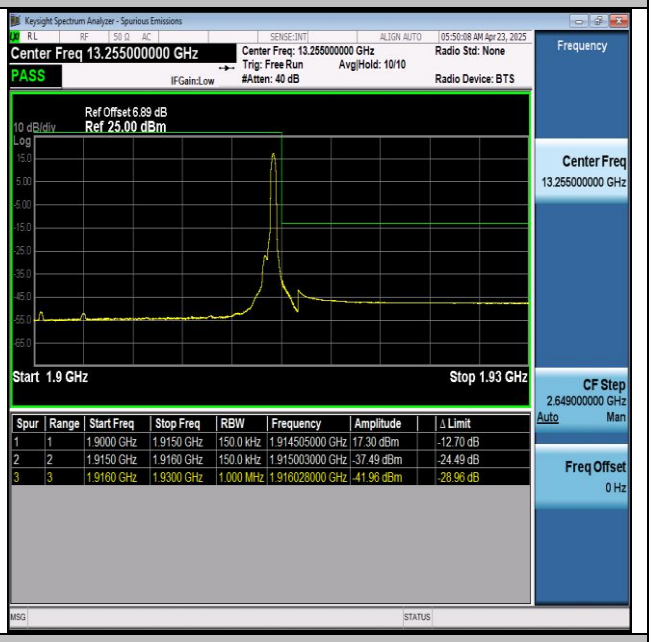

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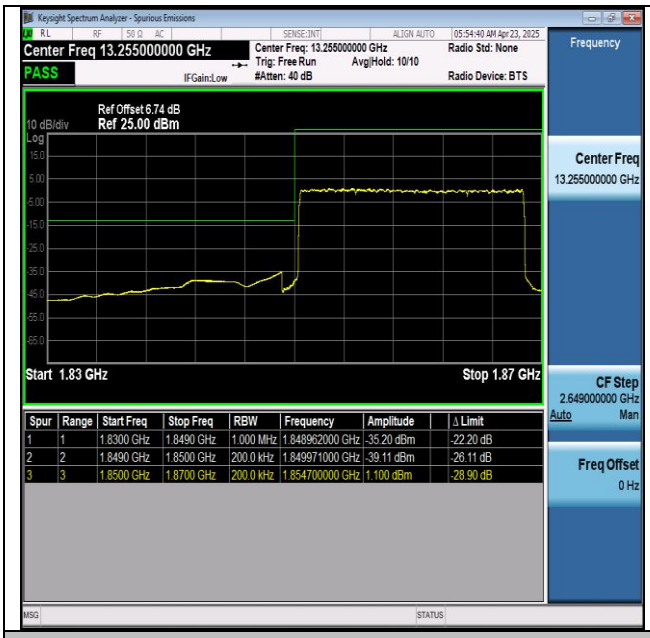

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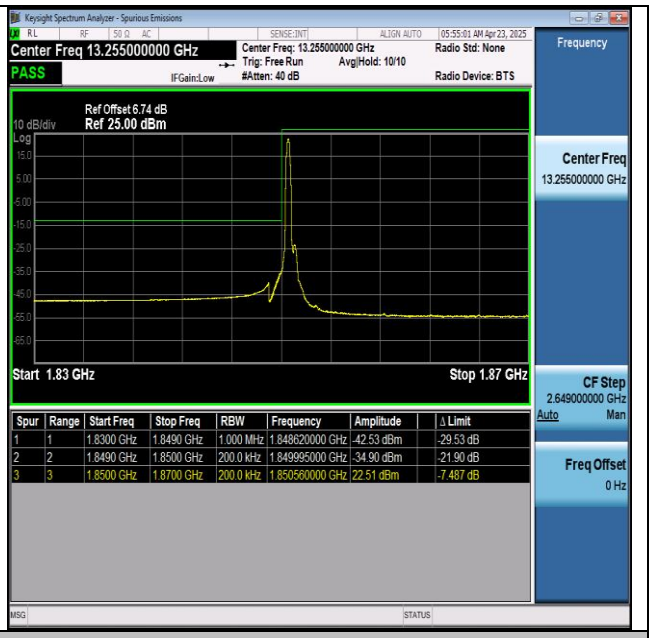

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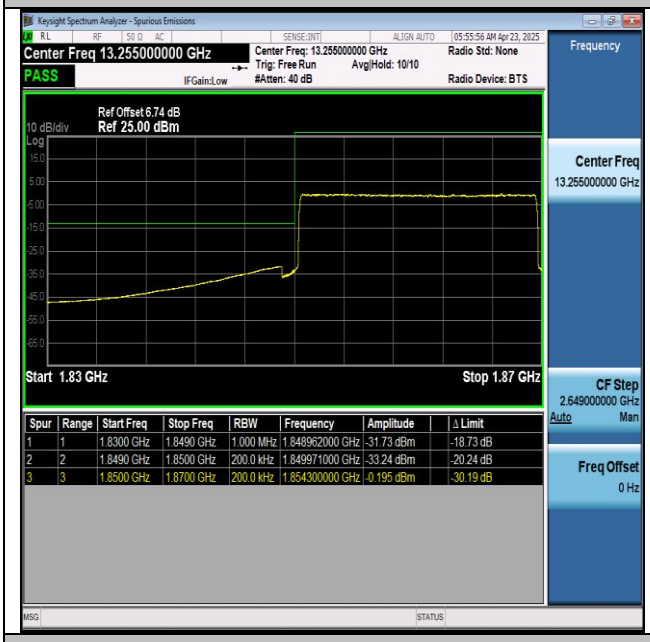

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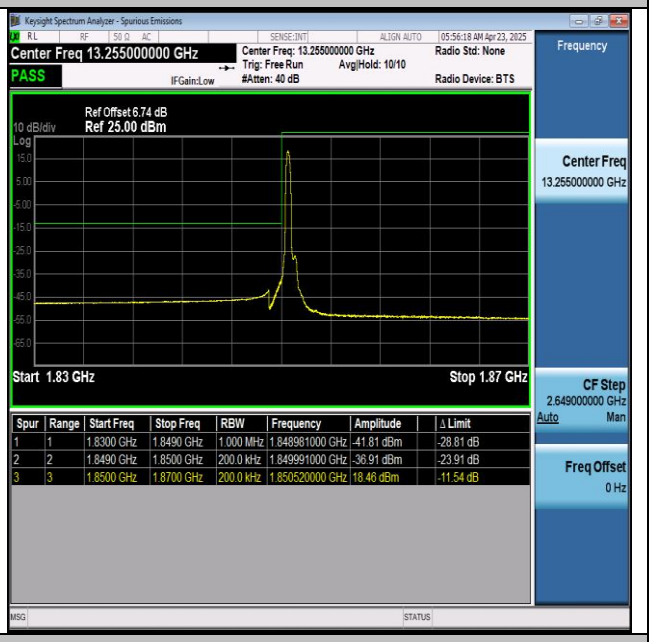

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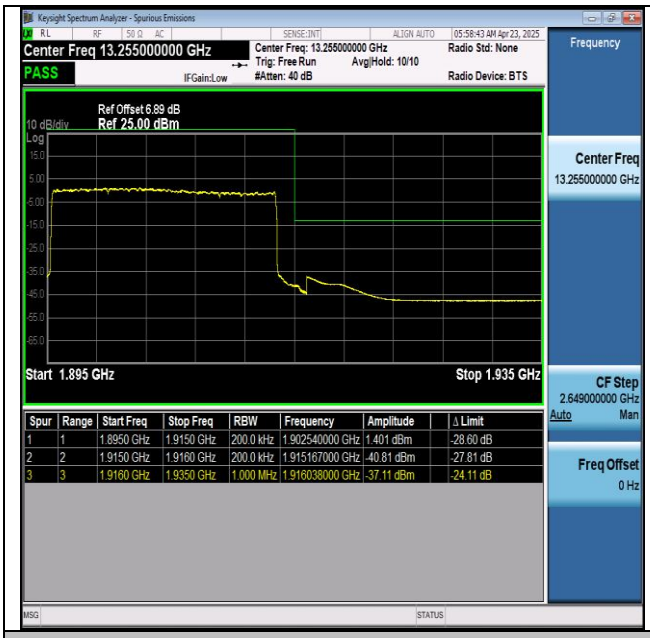

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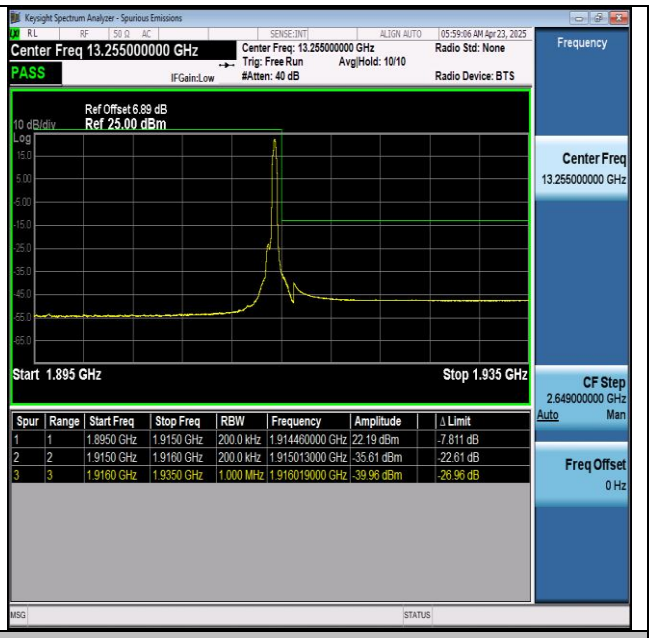

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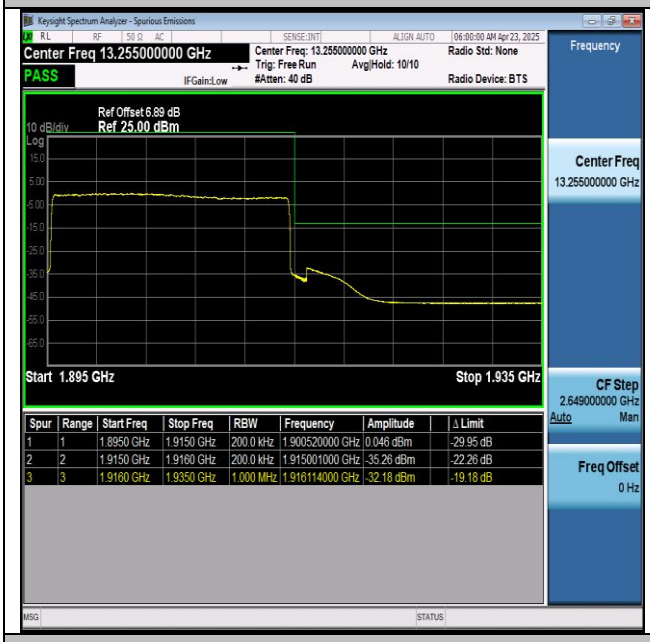

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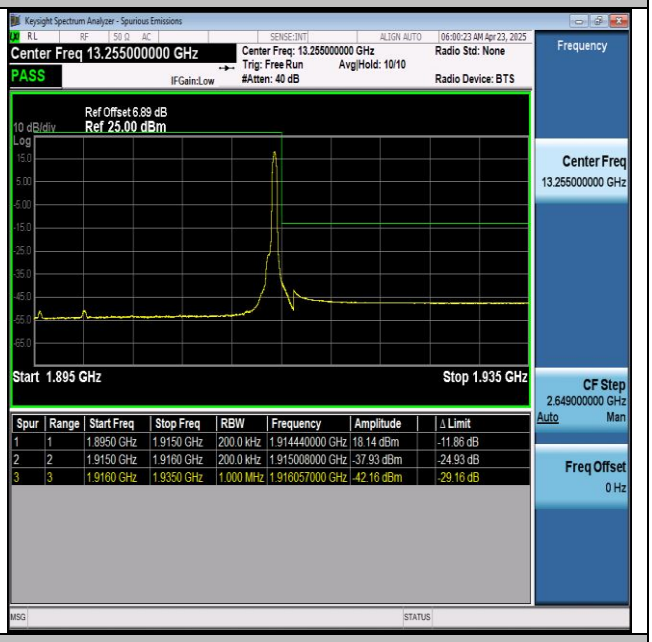

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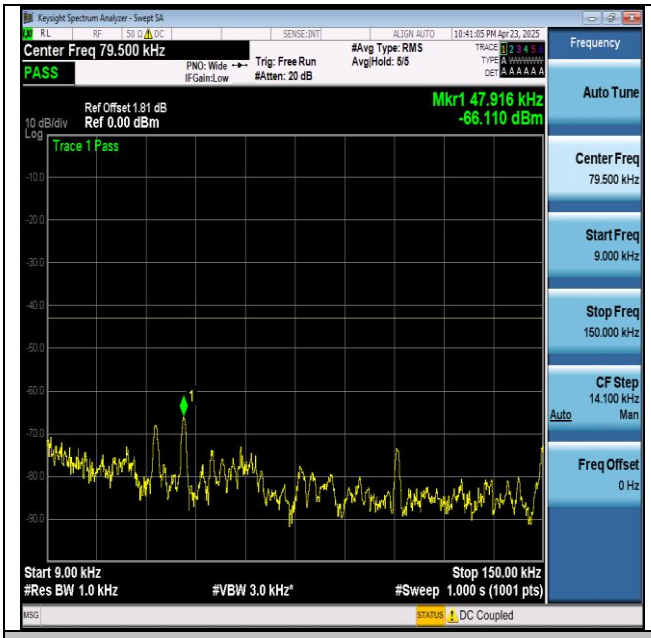
Conducted Spurious Emission for SA

Test Graphs



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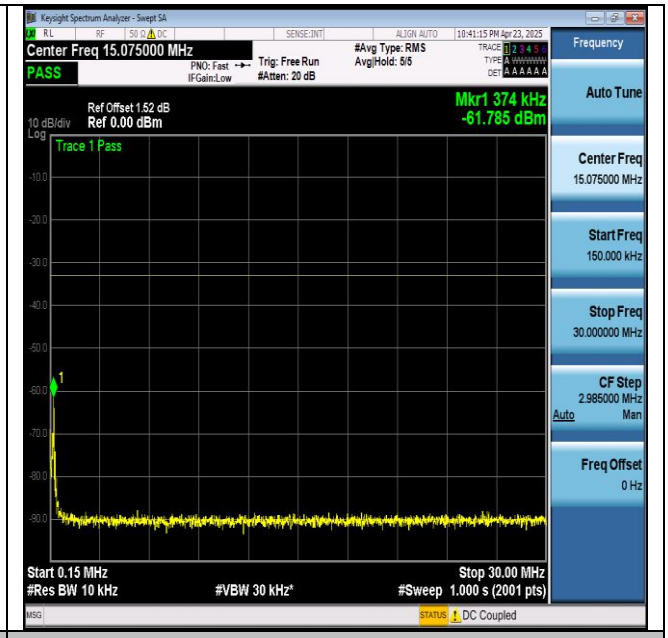

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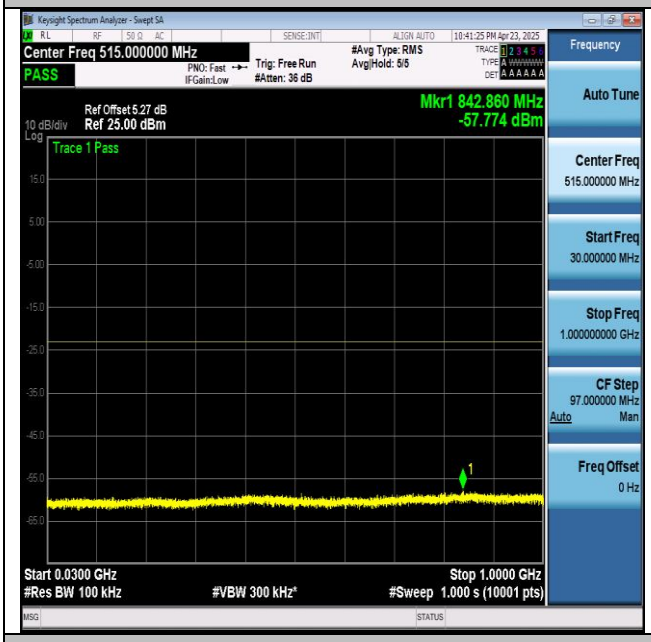

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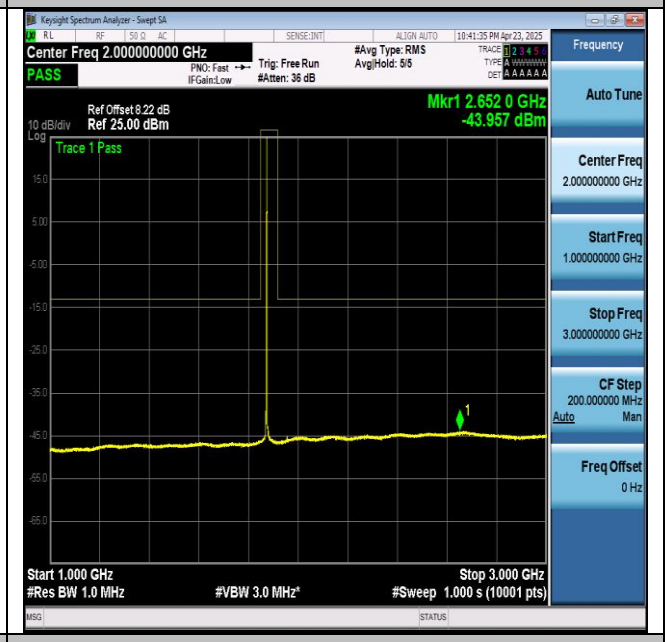

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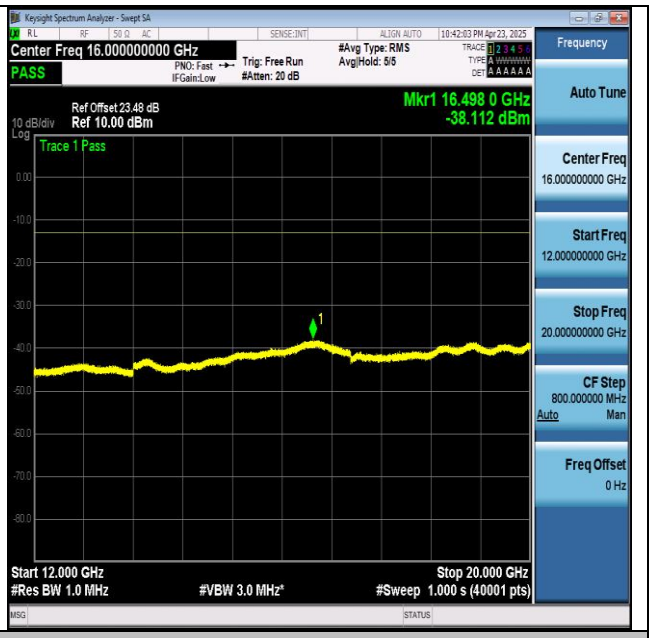

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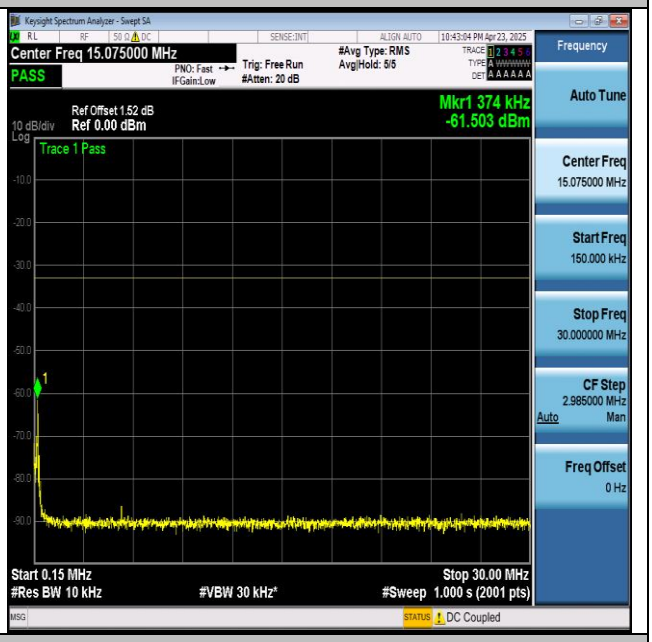

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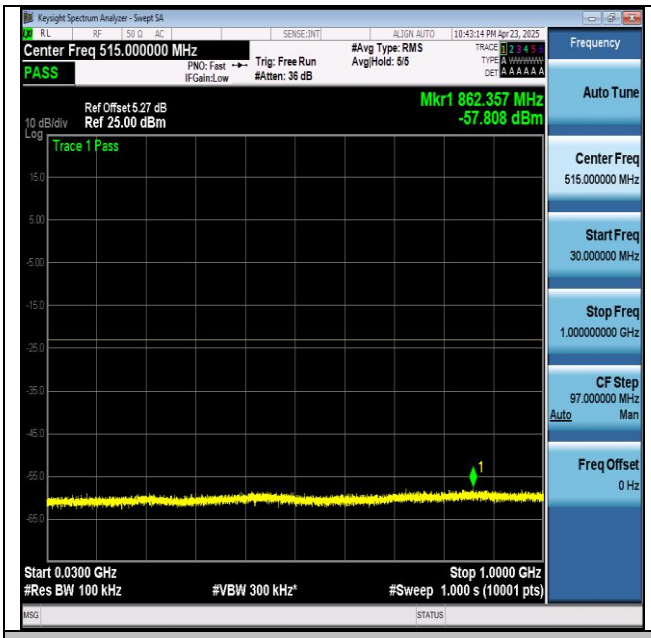

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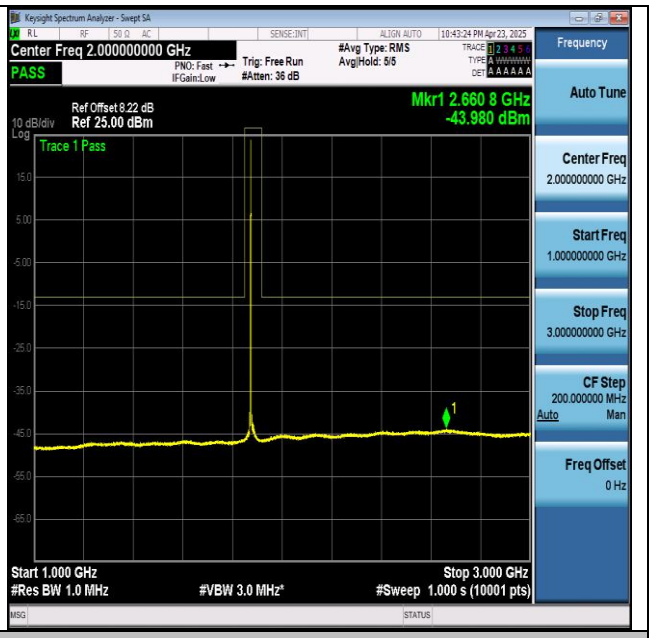

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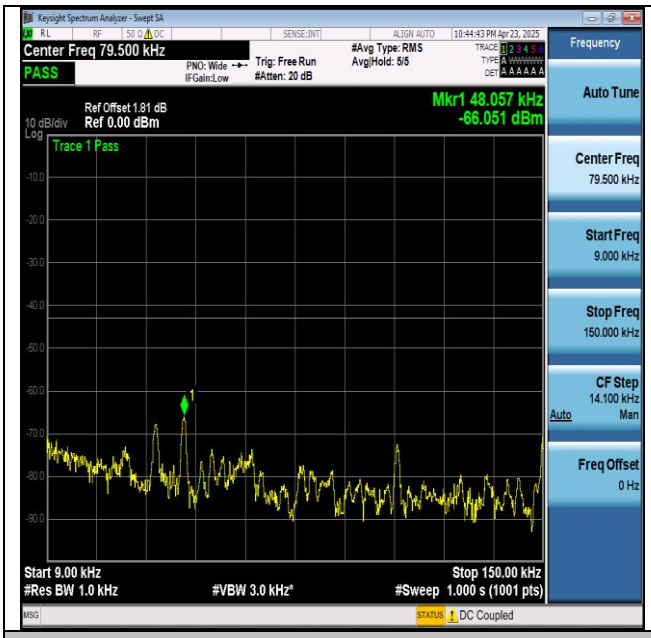

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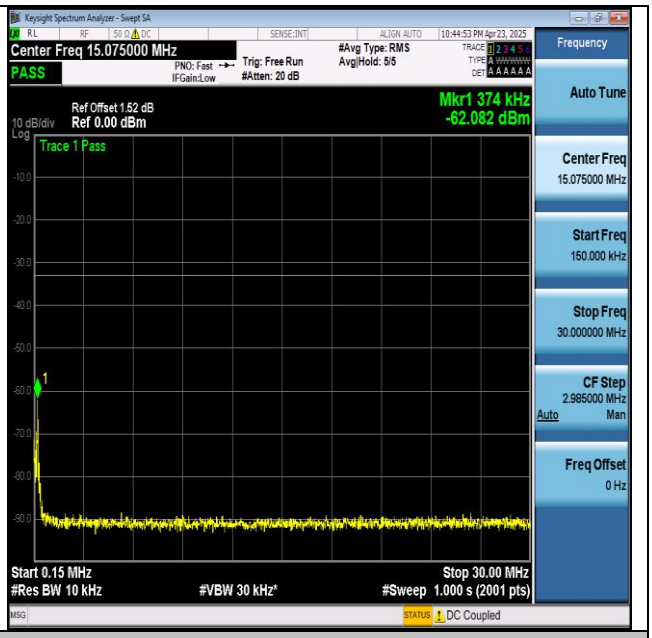

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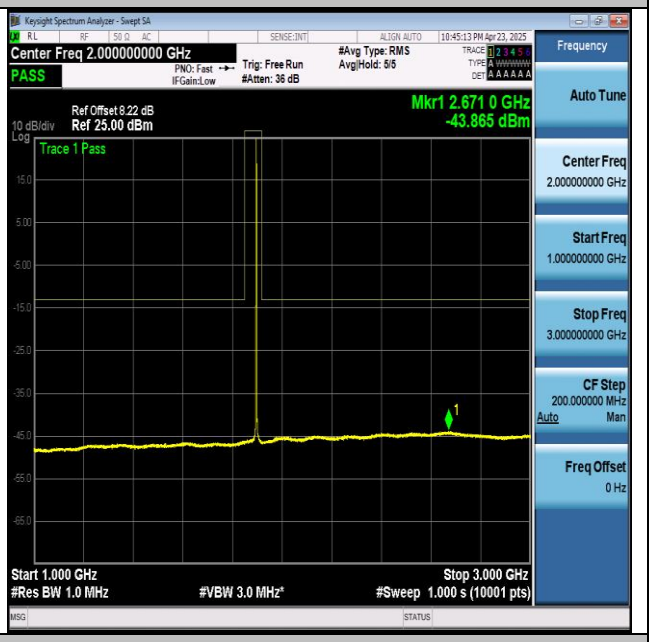

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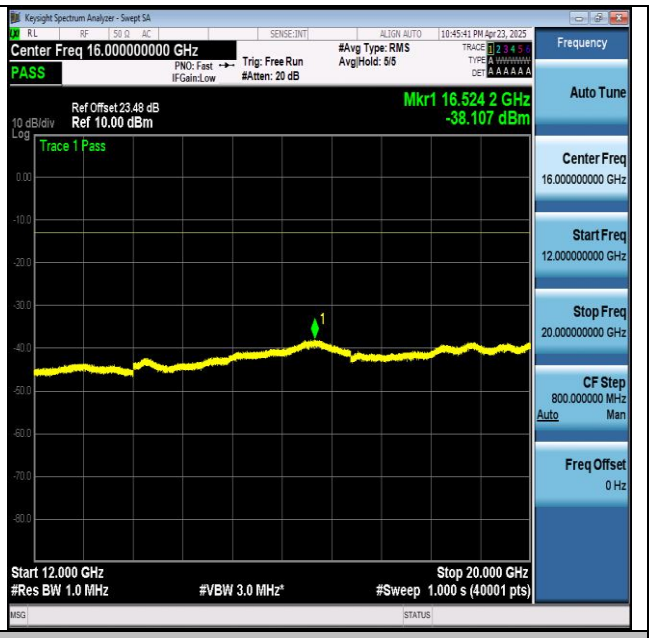

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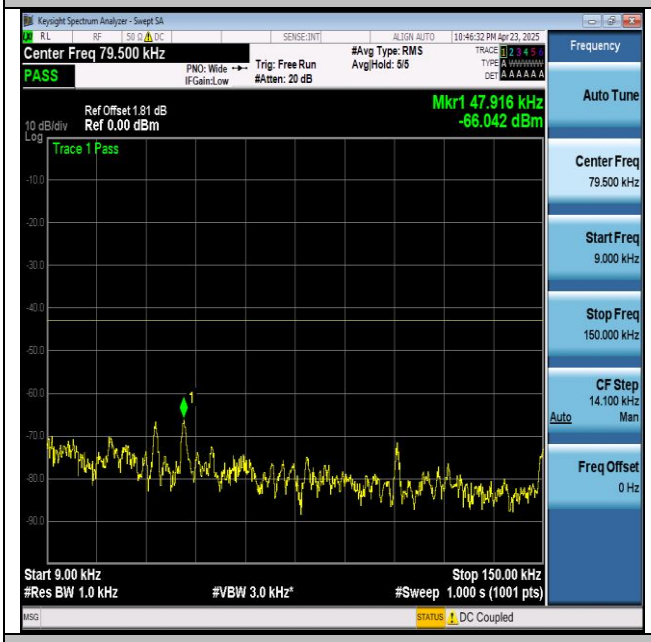

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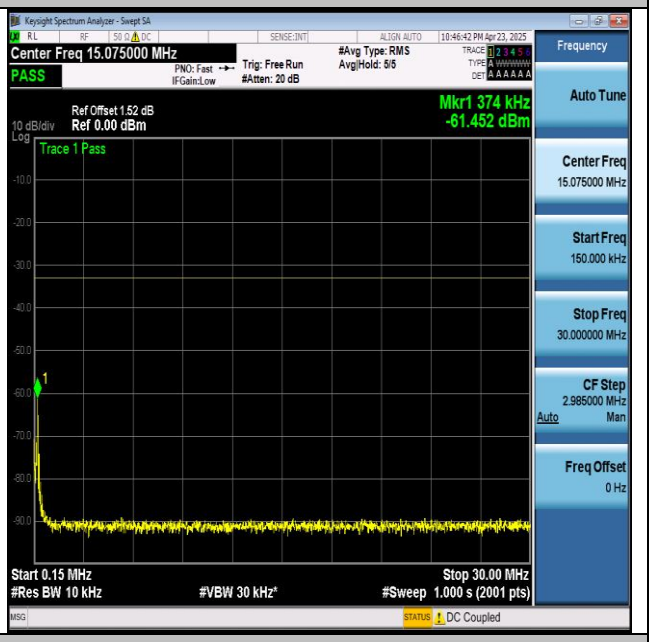

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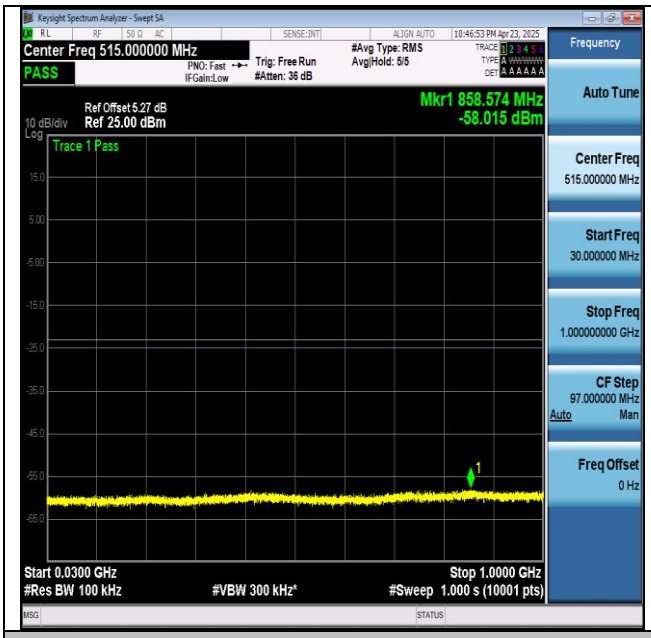

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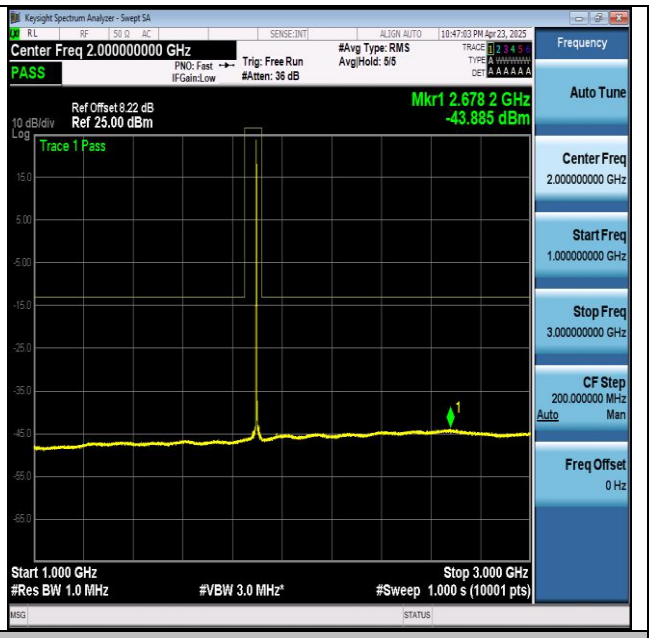

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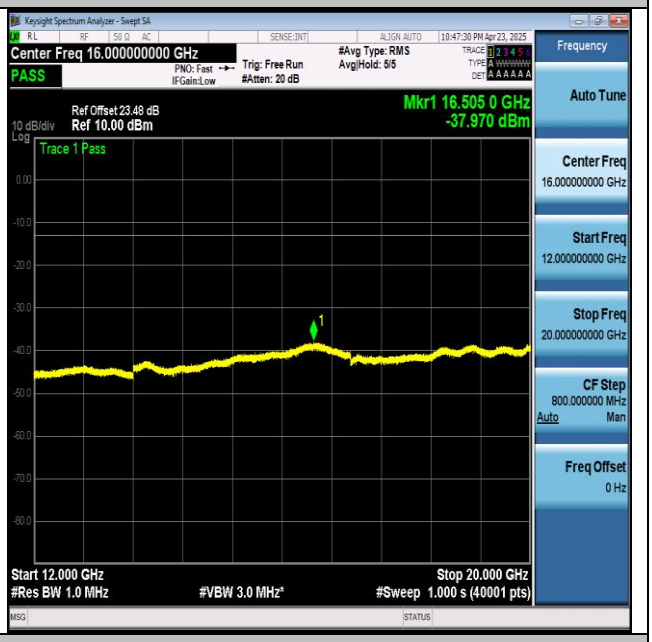

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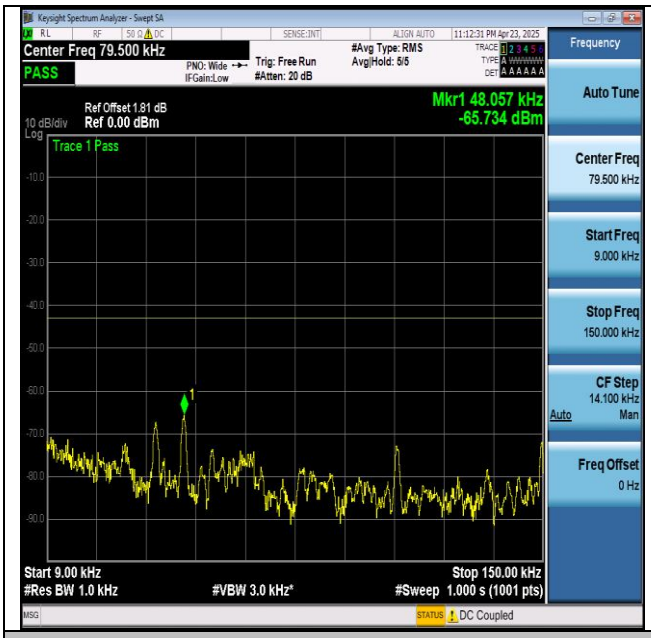

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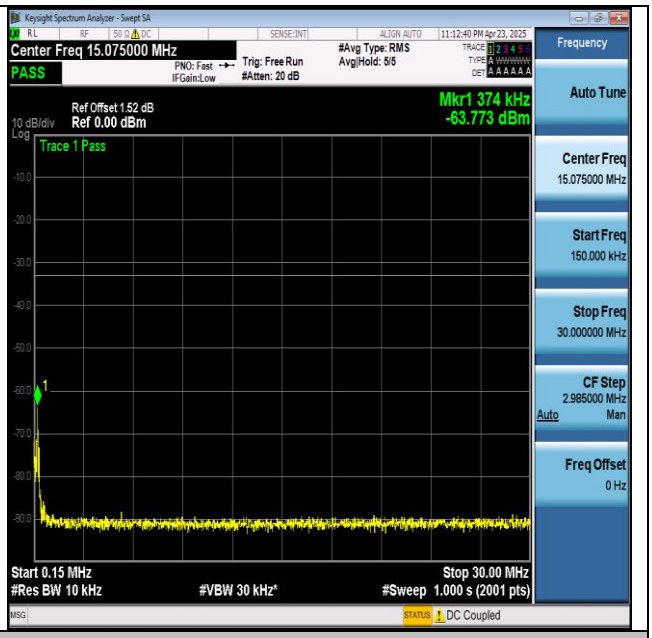

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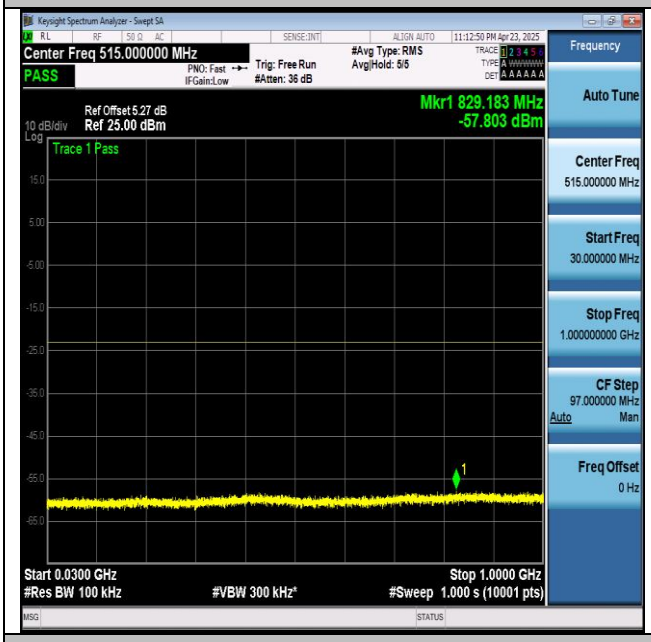

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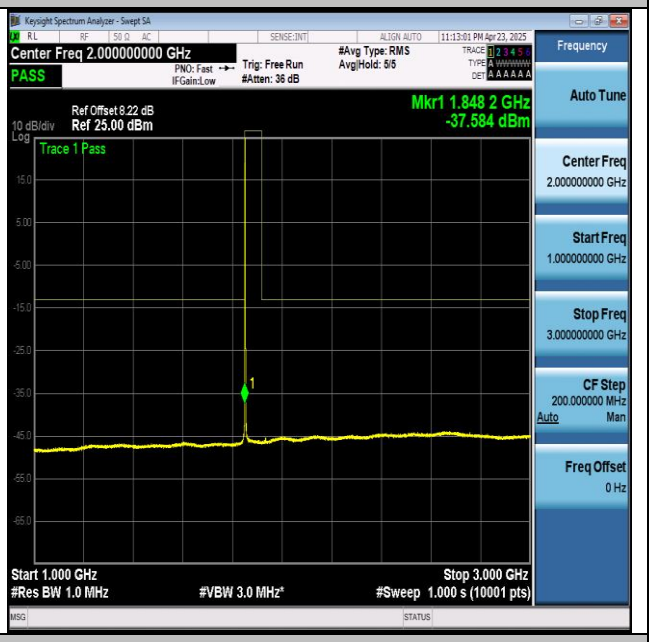

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NTNV_N25_PC3_15_20_L_TID1_NS_01_3000_12000_#1

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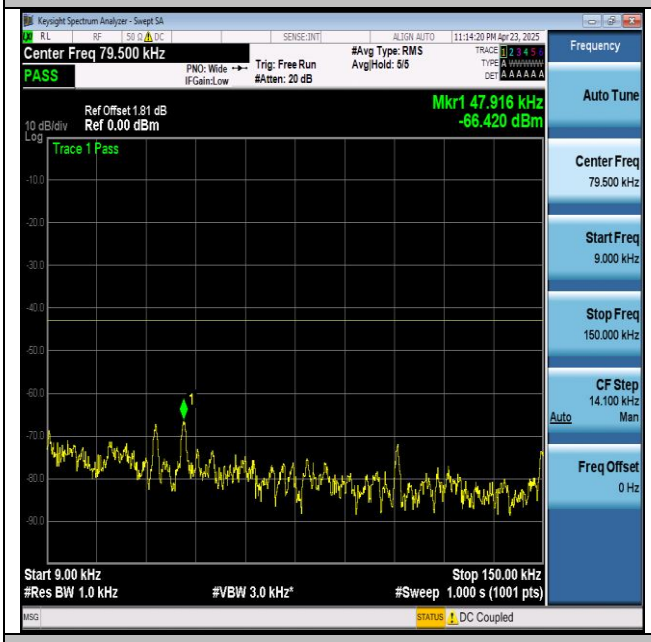

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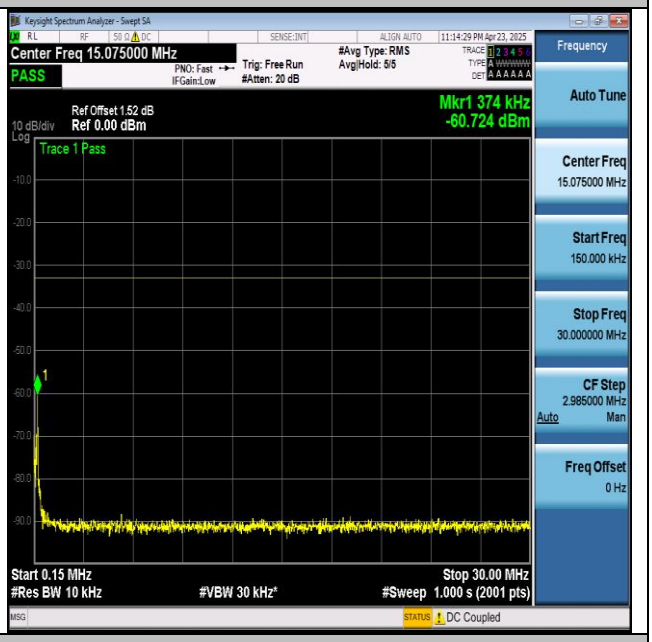

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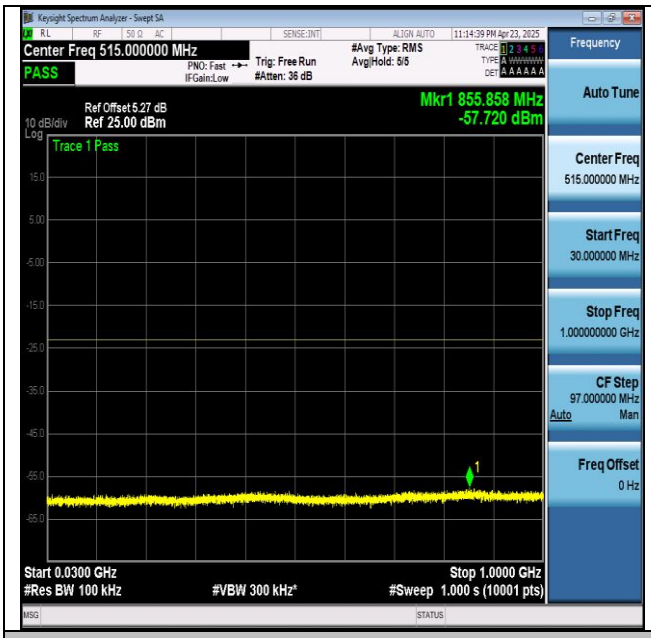

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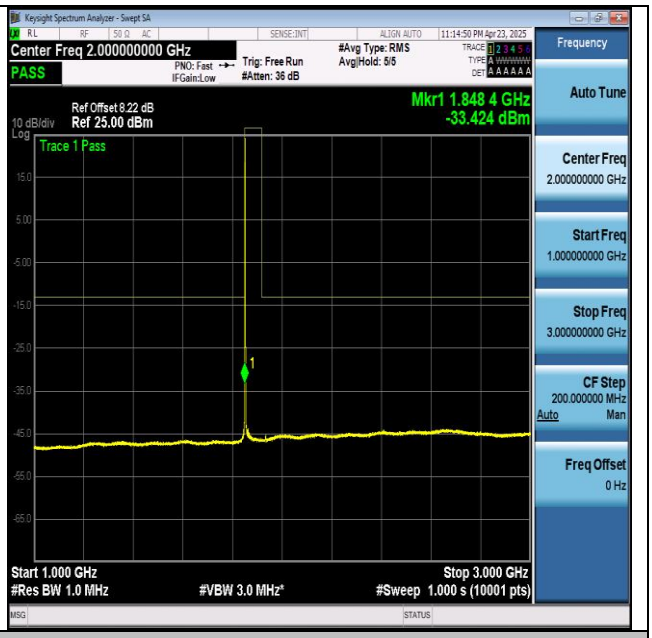

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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
N25	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-4.44	0.00	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-3.44	0.00	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-5.28	0.00	PASS
N25	15	20	CP-QPSK	M	Outer_Full	VL	NT	-1.22	0.00	PASS
N25	15	20	CP-QPSK	M	Outer_Full	VN	NT	-0.79	0.00	PASS
N25	15	20	CP-QPSK	M	Outer_Full	VH	NT	-1.23	0.00	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-2.566000	-0.001363	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-2.829000	-0.001503	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-2.949000	-0.001567	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-1.634000	-0.000868	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-2.852000	-0.001515	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-2.674000	-0.001420	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-2.370000	-0.001259	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-1.552000	-0.000824	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-4.402000	-0.002338	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	-30	-4.257000	-0.002261	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	-20	-0.889000	-0.000472	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	-10	-1.474000	-0.000783	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	0	-0.963000	-0.000512	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	10	-2.101000	-0.001116	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	20	-0.837000	-0.000445	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	30	-1.070000	-0.000568	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	40	-1.095000	-0.000582	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	50	-0.465000	-0.000247	PASS

~The End~

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