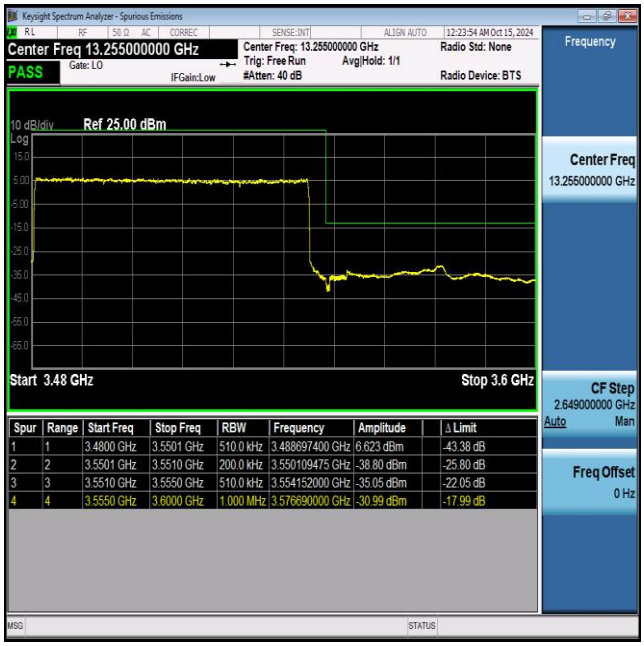

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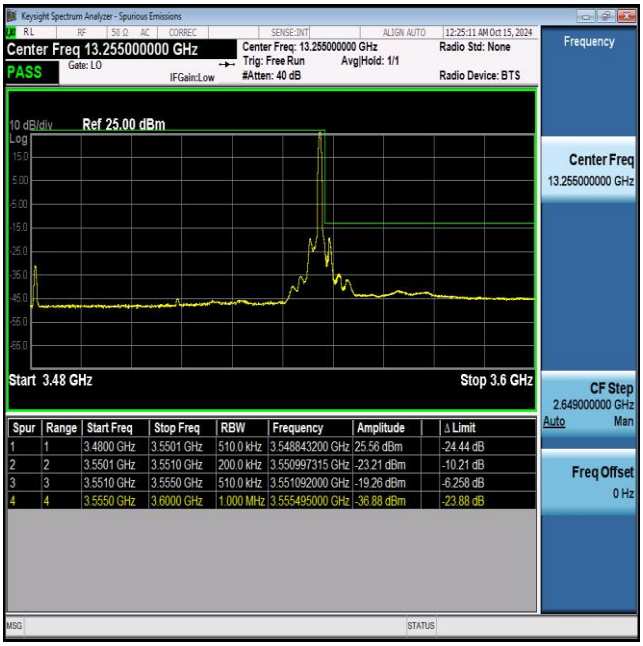

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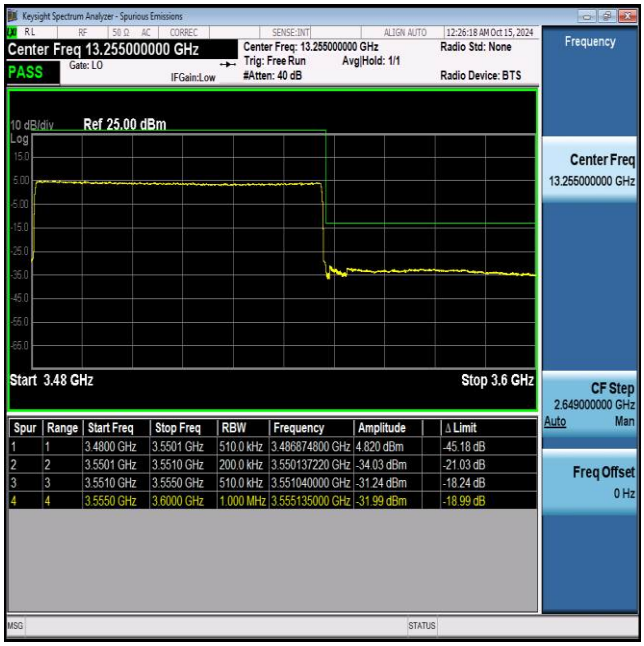

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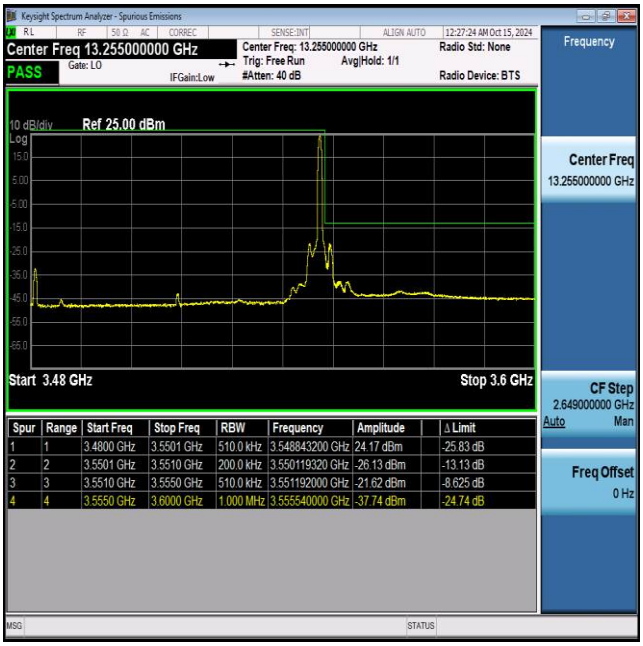

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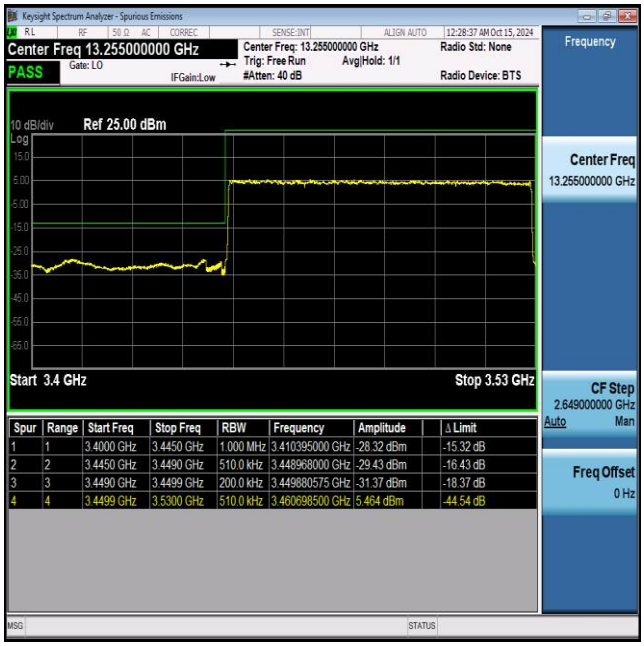

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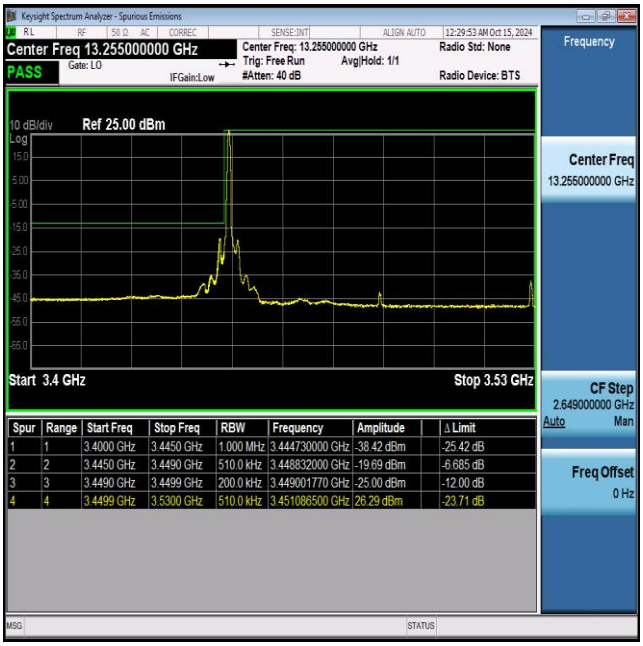

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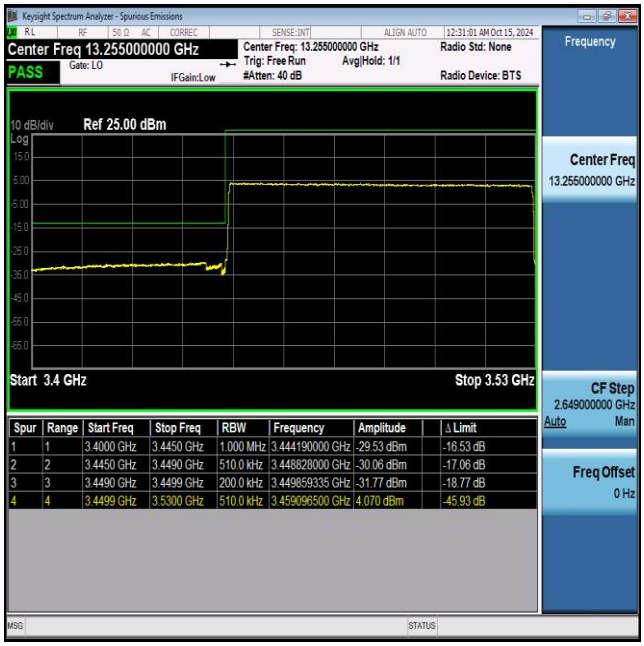

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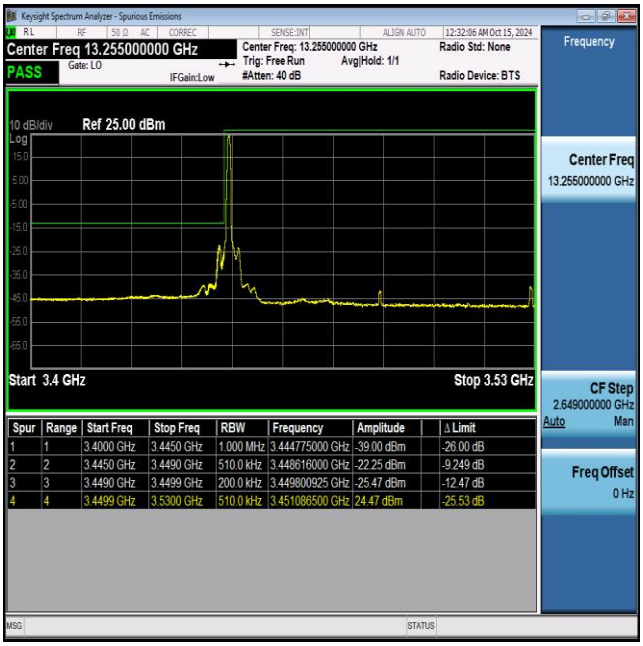

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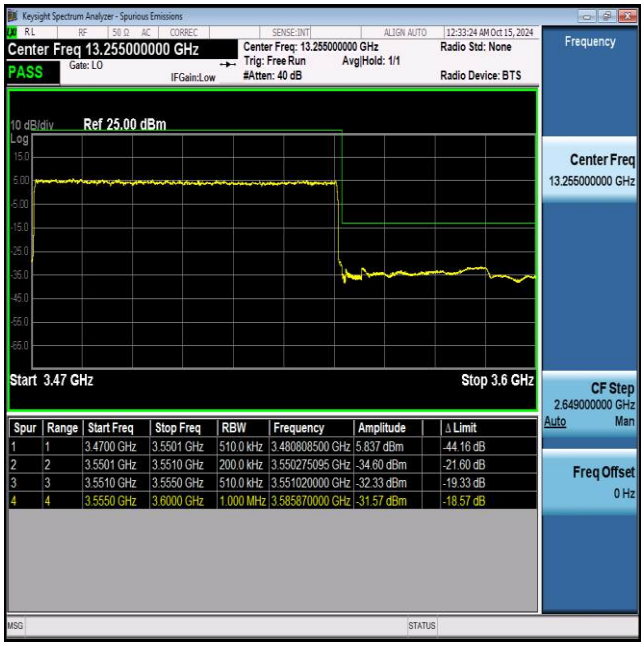

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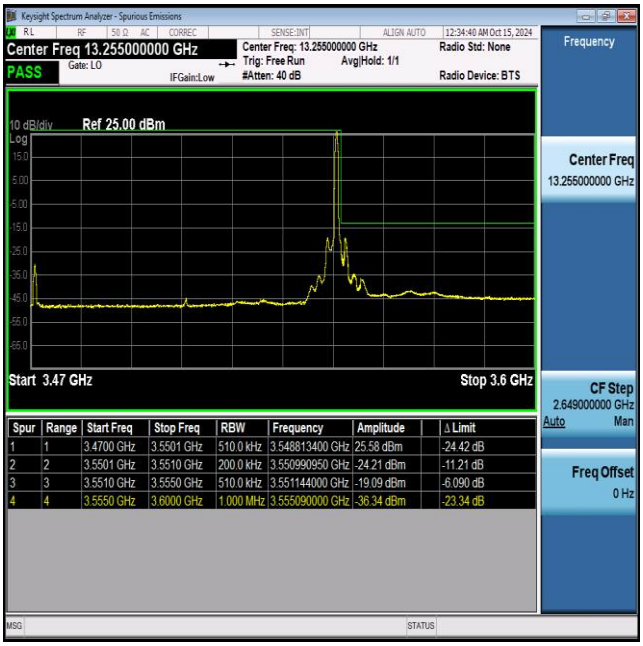

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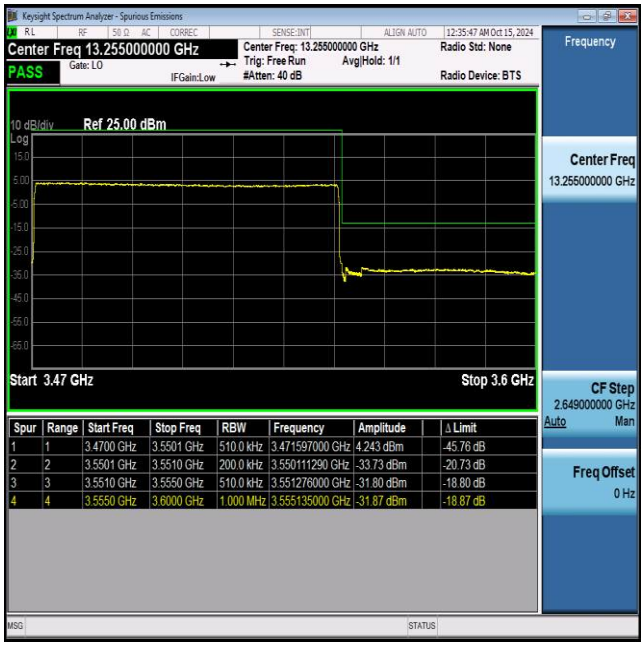

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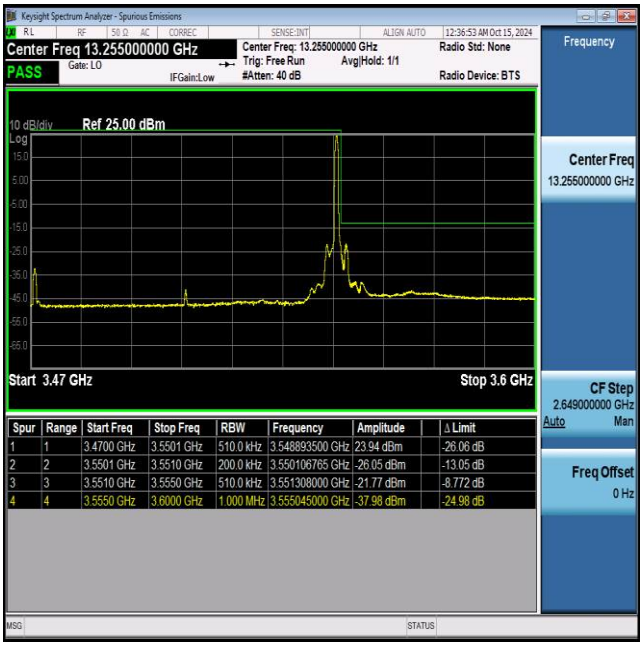

NTNV_N77-3450-3550_PC2_30_80_H_TID18__#1

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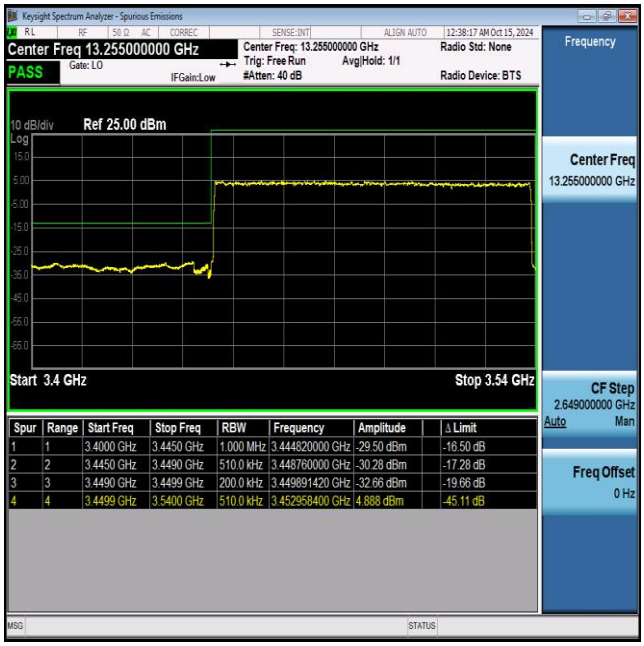

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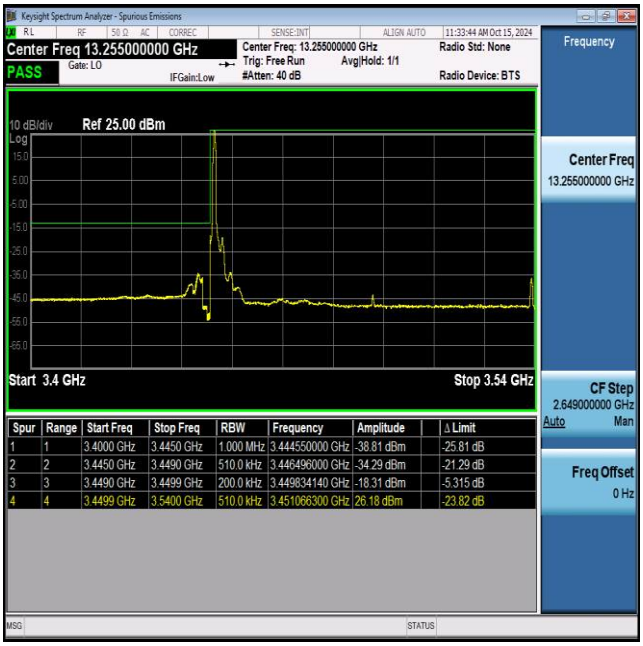

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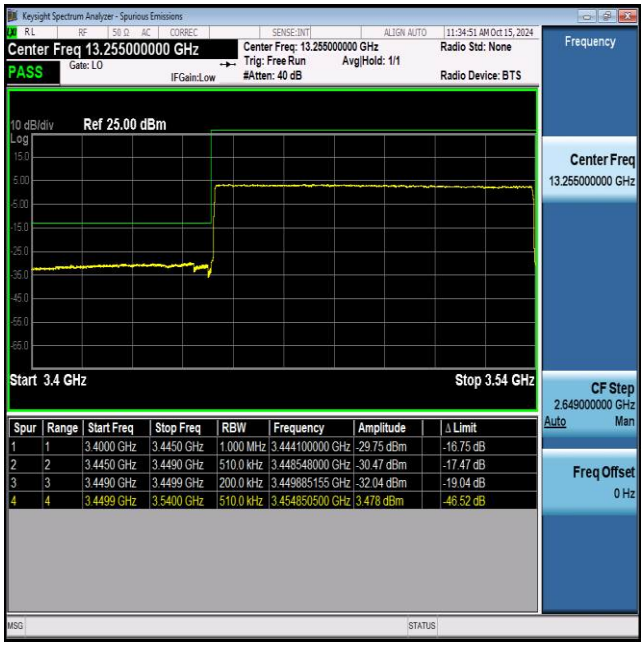

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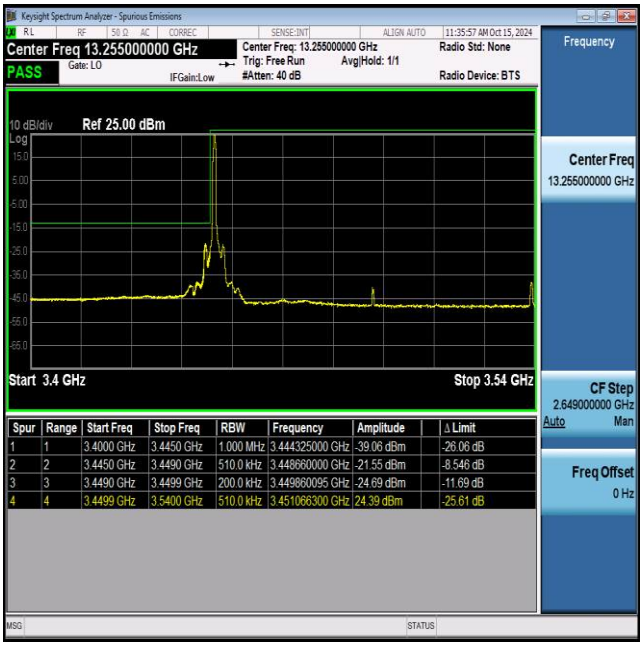

NTNV_N77-3450-3550_PC2_30_90_L_TID17__#1

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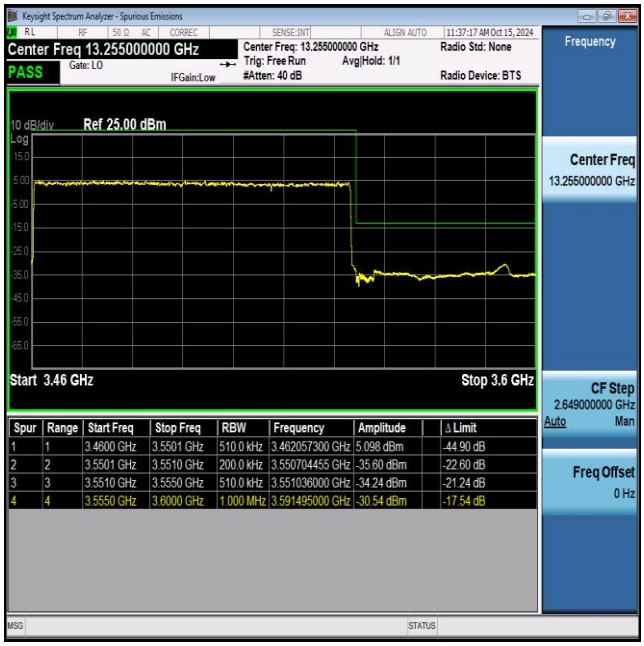
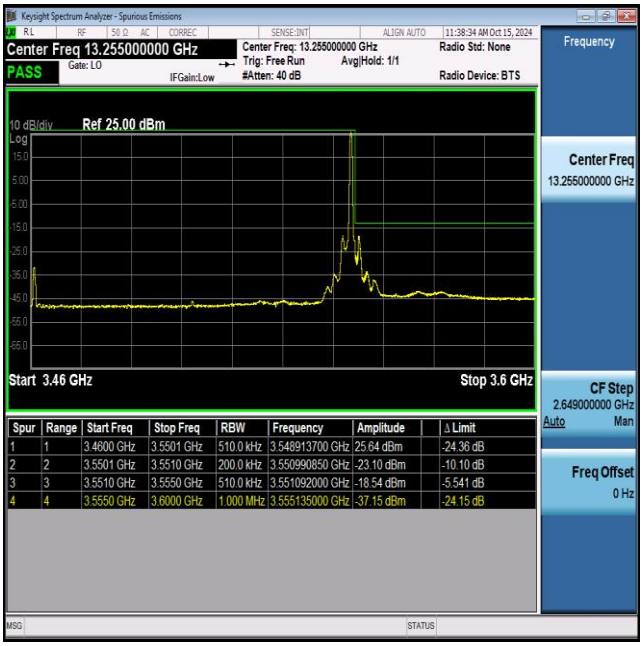


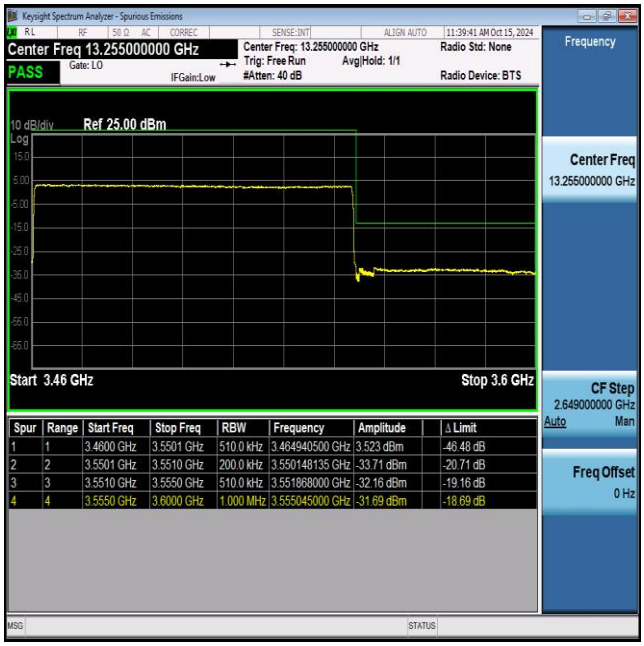
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.4600 GHz	3.5501 GHz	510.0 kHz	3.462057300 GHz	5.098 dBm	-44.90 dB
2	2	3.5501 GHz	3.5510 GHz	200.0 kHz	3.550704455 GHz	-35.60 dBm	-22.60 dB
3	3	3.5510 GHz	3.5550 GHz	510.0 kHz	3.551036000 GHz	-34.24 dBm	-21.24 dB
4	4	3.5550 GHz	3.6000 GHz	1.000 MHz	3.591495000 GHz	-30.54 dBm	-17.54 dB

NTNV_N77-3450-3550_PC2_30_90_H_TID1__#1



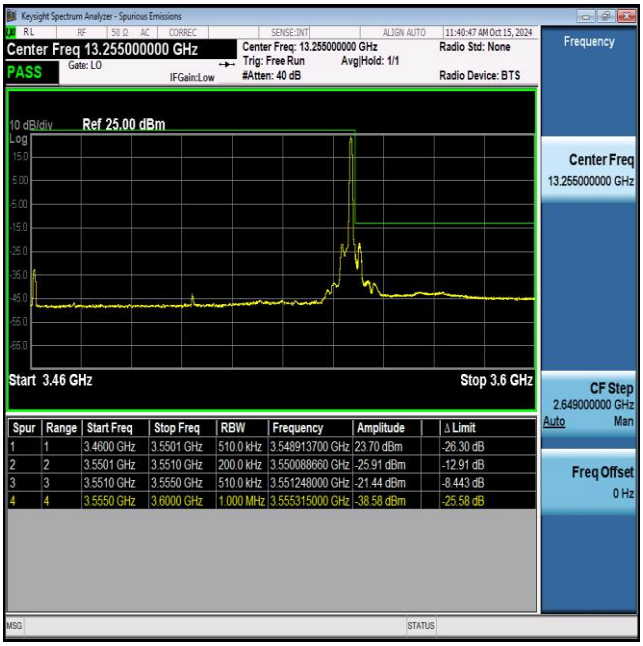
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.4600 GHz	3.5501 GHz	510.0 kHz	3.548913700 GHz	25.64 dBm	-24.36 dB
2	2	3.5501 GHz	3.5510 GHz	200.0 kHz	3.550990850 GHz	-23.10 dBm	-10.10 dB
3	3	3.5510 GHz	3.5550 GHz	510.0 kHz	3.551092000 GHz	-18.54 dBm	-5.541 dB
4	4	3.5550 GHz	3.6000 GHz	1.000 MHz	3.555135000 GHz	-37.15 dBm	-24.15 dB

NTNV_N77-3450-3550_PC2_30_90_H_TID3__#1



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.4600 GHz	3.5501 GHz	510.0 kHz	3.464940500 GHz	3.523 dBm	-46.48 dB
2	2	3.5501 GHz	3.5510 GHz	200.0 kHz	3.550148135 GHz	-33.71 dBm	-20.71 dB
3	3	3.5510 GHz	3.5550 GHz	510.0 kHz	3.551868000 GHz	-32.16 dBm	-19.16 dB
4	4	3.5550 GHz	3.6000 GHz	1.000 MHz	3.555045000 GHz	-31.69 dBm	-18.69 dB

NTNV_N77-3450-3550_PC2_30_90_H_TID16__#1



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.4600 GHz	3.5501 GHz	510.0 kHz	3.548913700 GHz	23.70 dBm	-26.30 dB
2	2	3.5501 GHz	3.5510 GHz	200.0 kHz	3.550088660 GHz	-25.91 dBm	-12.91 dB
3	3	3.5510 GHz	3.5550 GHz	510.0 kHz	3.551248000 GHz	-21.44 dBm	-8.443 dB
4	4	3.5550 GHz	3.6000 GHz	1.000 MHz	3.555315000 GHz	-38.58 dBm	-25.58 dB

NTNV_N77-3450-3550_PC2_30_90_H_TID18__#1

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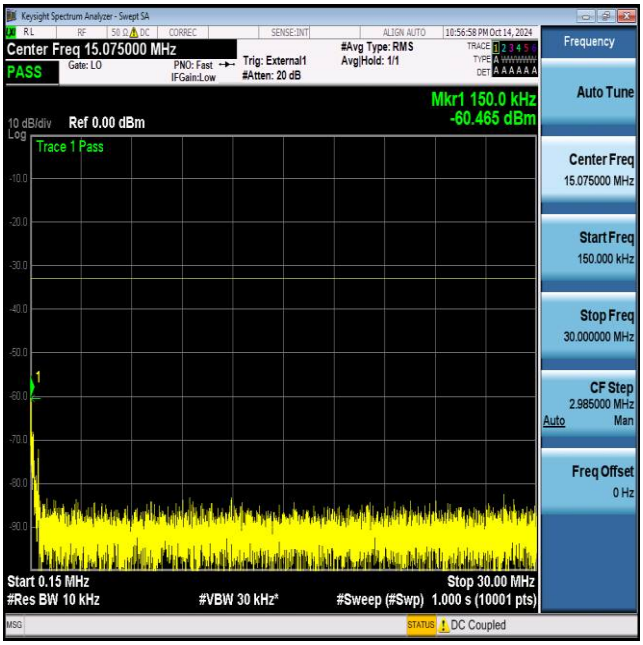
Conducted Spurious Emission for SA

Test Graphs

NTNV_N77-3450-

3550_PC2_30_100_M_TID2_NS_01_0.009_0.15_#1



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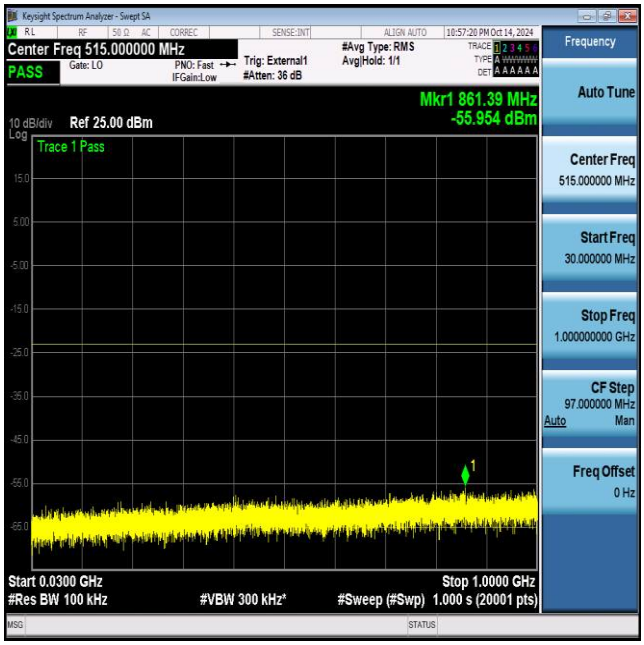
3550_PC2_30_100_M_TID2_NS_01_0.15_30_#1



NTNV_N77-3450-

3550_PC2_30_100_M_TID2_NS_01_30_1000_#1

NTNV_N77-3450-

3550_PC2_30_100_M_TID2_NS_01_1000_3000_#1

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NTNV_N77-3450-

3550_PC2_30_100_M_TID2_NS_01_3000_6000_#1

NTNV_N77-3450-

3550_PC2_30_100_M_TID2_NS_01_6000_20000_#1

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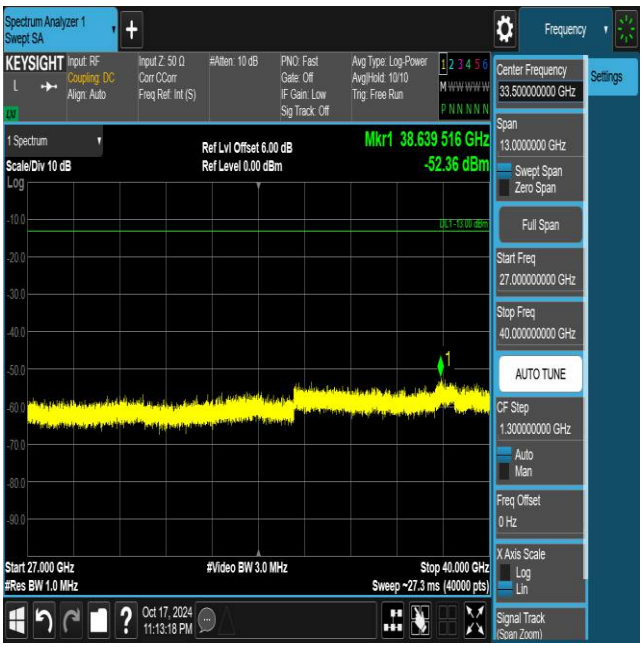

NTNV_N77-3450-

3550_PC2_30_100_M_TID3_NS_01_27000_40000_#1

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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-6.000000	-0.001714	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-13.900000	-0.003970	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-19.300000	-0.005514	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	VL	NT	-13.000000	-0.003714	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	VN	NT	7.200000	0.002057	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	VH	NT	-7.400000	-0.002114	PASS

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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	6.000000	0.001714	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	12.000000	0.003429	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	17.000000	0.004857	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	11.000000	0.003143	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	14.000000	0.004000	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	7.000000	0.002000	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	13.000000	0.003714	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	6.000000	0.001714	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	12.000000	0.003429	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-30	6.000000	0.001714	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-20	18.000000	0.005143	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-10	17.000000	0.004857	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	0	4.000000	0.001143	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	10	13.000000	0.003714	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	20	7.000000	0.002000	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	30	1.000000	0.000286	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	40	3.000000	0.000857	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	50	16.000000	0.004571	PASS

~The End~

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