```
Train Dataloader - 176
Test Dataloader - 45

Device Used - cuda

Model Used - CNN_3D
Feature Extraction - False
Data Augmentation - False
Spatial Temporal Loss - False

Window Length = 8
Stride = 1
Fair Comparison = True
Dropout = 0.25
Learning Rate = 0.0002
Num Epochs = 20
Chunk Size = 64
Forward Chunk = 8
Forward Chunk Size = 8
Loss Fn = BCELoss()

Training has Begun
epoch [1/20], loss:0.1776
epoch [2/20], loss:0.1224
epoch [3/20], loss:0.1256
epoch [4/20], loss:0.1168
epoch [5/20], loss:0.1047
epoch [6/20], loss:0.0978
epoch [7/20], loss:0.0761
epoch [8/20], loss:0.0556
epoch [9/20], loss:0.0375
epoch [10/20], loss:0.0339
epoch [11/20], loss:0.0272
epoch [12/20], loss:0.0417
epoch [13/20], loss:0.0310
epoch [14/20], loss:0.0068
epoch [15/20], loss:0.0031
epoch [16/20], loss:0.0024
epoch [17/20], loss:0.0014
epoch [18/20], loss:0.0004
epoch [19/20], loss:0.0002
epoch [20/20], loss:0.0001
Training has Completed

Forward pass occuring
Forward pass completed

Thermal_T3_2024-03-22-04-13-20

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 CNN Performance Results
 TPR 0.855, FPR 0.028751030502885407, Precision 0.6477272727272727, Recall 0.855
 tn 9425, fp 279, fn 87, tp 513
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