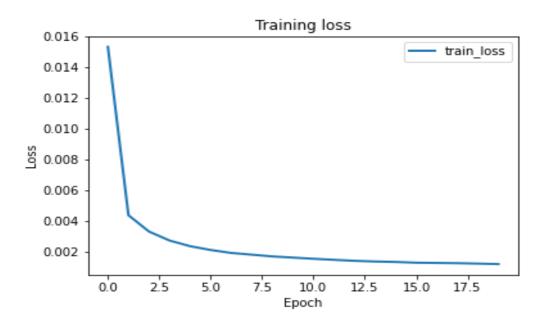
1. Show your model architecture and loss function. (MSE or ...)

```
Output Shape
       Layer (type)
          Conv2d-1
                      [-1, 32, 24, 24]
                                                       896
        MaxPool2d-2 [[-1, 32, 12, 12], [-1, 32, 12, 12]]
Conv2d-3 [-1, 64, 10, 10]
                                                   18,496
        MaxPool2d-4 [[-1, 64, 5, 5], [-1, 64, 5, 5]]
      MaxUnpool2d-5
                           [-1, 64, 10, 10]
                            [-1, 32, 12, 12]
                                                   18,464
  ConvTranspose2d-6
                           [-1, 32, 24, 24]
      MaxUnpool2d-7
                                                         0
                            [-1, 3, 26, 26]
  ConvTranspose2d-8
                                                       867
______
Total params: 38,723
Trainable params: 38,723
Non-trainable params: 0
Input size (MB): 0.01
Forward/backward pass size (MB): 181.10
Params size (MB): 0.15
Estimated Total Size (MB): 181.26
```

Optimizing for MSE means your generated output intensities are *symmetrically close* to the input intensities. A higher-than-training intensity is penalized by the same amount as an equally valued lower intensity.

2. Plot training loss.



3. Visualize 5 generated samples for each class like this:

