**Size of Wavelet Prediction Net input & output blocks**

Up Scale = 2

f.size()=torch.Size([32, 1024, 32, 32])

out\_0.size()=torch.Size([32, 3, 32, 32])

out\_1.size()=torch.Size([32, 9, 32, 32])

out\_2.size()=torch.Size([32, 36, 32, 32])

Up Scale = 4

f.size()=torch.Size([32, 1024, 8, 8])

out\_0.size()=torch.Size([32, 3, 8, 8])

out\_1.size()=torch.Size([32, 9, 8, 8])

out\_2.size()=torch.Size([32, 36, 8, 8])

out\_3.size()=torch.Size([32, 144, 8, 8])

out\_4.size()=torch.Size([32, 576, 8, 8])

Up Scale = 3

f.size()=torch.Size([32, 1024, 16, 16])

out\_0.size()=torch.Size([32, 3, 16, 16])

out\_1.size()=torch.Size([32, 9, 16, 16])

out\_2.size()=torch.Size([32, 36, 16, 16])

out\_3.size()=torch.Size([32, 144, 16, 16])