Training Convergence Analysis Loss Convergence Loss Gradient (Rate of Change) Raw Loss 0.0 6 Smoothed Loss -0.5 5 -1.0 Loss Gradient 4 Foss 3 2 **-**2.5 1 -3.0 30 Epoch 30 Epoch 0 10 20 40 50 60 0 10 20 40 50 60 Bit Error Convergence Training Stability (Loss Variance) 0.5050 3.0 0.5025 2.5 0.5000 Loss Variance 2.1 Bit Error Rate 0.4950 0.4950 0.4925 1.0 0.4900 0.5 0.4875 0.0 30 0 10 20 30 40 50 60 10 20 40 50 60 Epoch Epoch