Classification Accuracy on 2016a of Outer Resnet and Modified Resnet (before and after) with a constant CFO 1.0 Resnet outer(Before data aug) with no CFO Resnet outer(data aug) with no CFO Modified Resnet (Before data_aug) with no CFO Modified Resnet (data aug) with no CFO 0.8 Classification Accuracy 0.6 0.2 0.0 -20 -15 -10 -5 10 15

Signal to Noise Ratio