nonparametric PD trained MMSE MIMO ChEst with IRS coefficient i  $n_T$ , T]:[4,8,4,32], Ir:1e-06, size:[256, 1024, 1024, 1024, 1024, 1024, 258], SN 1.00 training nmse validation nmse 0.75 0.50 0.1 0.0 1.10 1.05 

epochs