PolarC(37, 256): DeepPolar trained at Dec_SNR = -2.0 dB, Enc_SNR = 0.0dB DeepPolar SC decoder DeepPolar (BLER) SC decoder (BLER) 10^{-1} **Error Rate** 10^{-3} 10^{-4} **-**3.5 -5.0 -4.5-4.0-3.0**-**2.5 -2.0 -1.5-1.0SNR (dB)