PolarC(9, 16): DeepPolar trained at  $Dec_SNR = 5.0 dB$ ,  $Enc_SNR = 6.5 dB$ DeepPolar SC decoder  $10^{-1}$ DeepPolar (BLER) SC decoder (BLER)  $10^{-2}$ Error Rate  $10^{-4}$  $10^{-5}$ 2 7 SNR (dB)