Cosine Similarity Indoor with CRNet 1.0 0.9 8.0 0.7 Q 0.6 --- FSQ-CRNet -**U**- VQ-CRNet 0.5 Mu-law-CRNet → OFSQ-CRNet 0.4 **OVQ-CRNet** Perfect CSI ··+· O Mu law-CRNet 0.3 200 400 600 1000 1200 800 B [bit]