

# SISO OFDM & OTFS

$M_{FD} = 32, N_{TD} = 16, f_c = 15\text{THz}$

$\Delta f = 2\text{MHz}, \tau_{max} = 20\text{ns}, v = 20\text{m/s}$

LDPC with  $N = 1024, R = 0.5$

$N_{Tx} = N_{Rx} = 1$

—○— OFDM Conventional FD

—□— OFDM Full FD

—△— OTFS Full DD

