OFDM frame Frame view Preamble Payload OFDM Symbol 3 OFDM Symbol 1 OFDM Symbol 2 3.0 2.5 - ||*[u]*|| 2.0 1.5 1500 2000 2500 3000 3500 4000 Sample index *n* Preamble view СР OFDM Half symbol OFDM Half Symbol Copied in CP 2.0 Magnitude |x[n]| 1.0 800 200 400 600 Sample index *n* 1000