PDSCH slot
PDSCH1
PDSCH2
PDSCH3
PDSCH4
DL
DL
DL
DL
K1=3
K1=3
K1=2
K1=2
The K1 values are expressed in terms of UL slots
UL
UL
UL
PUCCH
UL (PUCCH) slot
K1=1 for PDSCH1 and PDSCH2 counting
UE is configured with K1={2,3}. Two DL slots within an UL slot. →The codebook contains four entries.
In the HARQ codebook entries are sorted based on K1 value and position within the UL slot, i.e. collisions are avoided.
Timing
K1=3
K1=3
K1=2
K1=2
HARQ FB
X
X
X
X
HARQ codebook