

APPENTIX-3

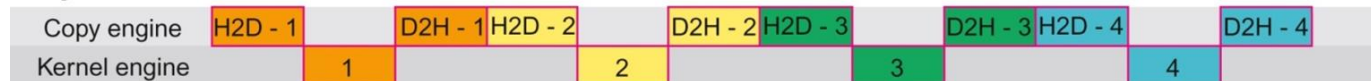
CUDA Fortran

CI060 Execution Time Lines

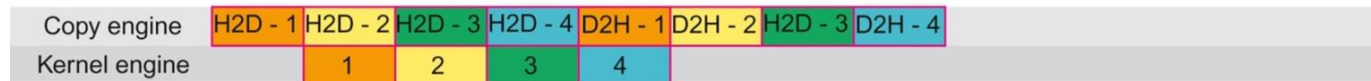
Sequential version



Asynchronous version 1



Asynchronous version 2 and 3



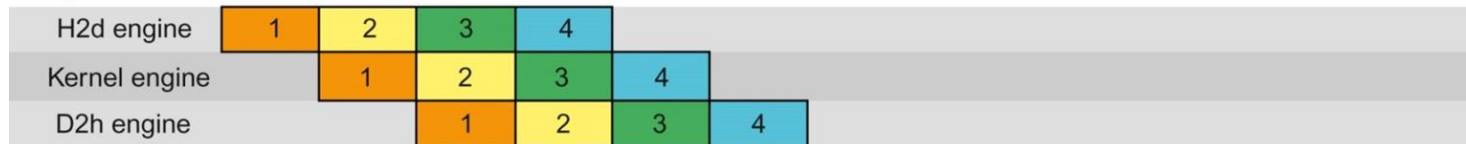

Time

FIGURE C.1: Data transfer and kernel execution timing for the sequential and asynchronous versions when there is only one copy engine.

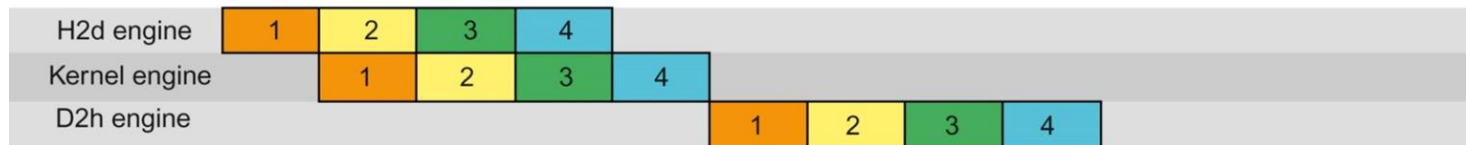
Sequential version



Asynchronous versions 1 and 3



Asynchronous version 2



Time →

FIGURE C.2 : Data transfer and kernel execution timing for the sequential and asynchronous versions when there are two copy engines.