

## GROMACS - Bug #3405

### intermittent OpenCL regressiontest failures

02/28/2020 07:59 PM - Szilárd Páll

<b>Status:</b> Accepted	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> mdrun	
<b>Target version:</b>	
<b>Affected version - extra info:</b>	<b>Difficulty:</b> uncategorized
<b>Affected version:</b> 2020	
<b>Description</b> For at least a year there have been intermittent failures in OpenCL, typically observed on non-PME offloaded runs, often only a single x/f component being off, regularly already at step 0 (see example uploaded case).  It's been reproduced mostly with nbnxn_vsite and dd121 regressiontests on the AMD slave, but it is possibly related to position-restraints failures on Intel reported in <a href="#">#2974</a> .	
<b>Related issues:</b>	
Related to GROMACS - Bug #2974: position-restraints regressiontest fails on i...	<b>New</b>
Related to GROMACS - Bug #2737: AMD OpenCl failes release build in complex tests	<b>Closed</b>

#### History

**#1 - 02/28/2020 07:59 PM - Szilárd Páll**

- Related to Bug #2974: position-restraints regressiontest fails on intel GPU with OpenCL added

**#2 - 02/28/2020 07:59 PM - Szilárd Páll**

- Related to Bug #2737: AMD OpenCl failes release build in complex tests added

**#3 - 03/02/2020 11:01 AM - Szilárd Páll**

- Description updated

#### Files

Matrix\_OnDemand\_2245\_OPTIONS=clang-8\_simd=avx2\_256\_openc1-228\_kibake-3.1402/28/2020=bs\_gpu01\_label=bs\_gpu01\_nbnxn\_vsite Szilárd Páll  
Matrix\_OnDemand\_2245\_OPTIONS=clang-8\_simd=avx2\_256\_openc1-228\_kibake-3.1402/28/2020=bs\_gpu01\_label=bs\_gpu01\_consoleTest Szilárd Páll