

GROMACS - Task #2531

Feature # 2054 (Accepted): PME on GPU

Task # 2453 (Resolved): PME OpenCL porting effort

Consider optimizing tabulated data access on GPU

05/29/2018 02:05 PM - Aleksei lupinov

Status:	New
Priority:	Low
Assignee:	
Category:	
Target version:	
Difficulty:	uncategorized
Description	
NB/PME use 1D texture objects for lookup tables of constant data in CUDA; OpenCL implementations use raw device buffers (cl_mem). In OpenCL, one could consider using something like image1d_t.	

History

#1 - 05/29/2018 02:06 PM - Aleksei lupinov

- Description updated

#2 - 05/29/2018 02:18 PM - Aleksei lupinov

- Parent task deleted (#2453)

#3 - 05/29/2018 02:19 PM - Aleksei lupinov

- Parent task set to #2453

#4 - 07/30/2018 12:31 PM - Szilárd Páll

- Priority changed from Normal to Low

Dropping priority because it would require significant amount of host code for potentially marginal benefits.