| | | MARS | | PICO | |
|-------------------------|----|---------------------|----------------------|---------------------|----------------------|
| | | Execution Time(sec) | Power - peak (watts) | Execution Time(sec) | Power - peak (watts) |
| | | | | | |
| GeForce GTX TITAN Black | wc | 240 | 45.1 | 102 | 43.6 |
| | mm | 279 | 48.7 | 134 | 45.32 |
| | km | 312 | 46.02 | 135 | 46.3 |
| | lr | 283 | 45.3 | 130 | 44.34 |
| Tesla k20 | wc | 412 | 38.4 | 155 | 38.7 |
| | mm | 434 | 39.2 | 204 | 37.78 |
| | km | 501 | 37.1 | 217 | 37.2 |
| | lr | 478 | 36.8 | 219 | 37.07 |
| Tegra K1 | wc | 1023 | 8.1 | 415 | 8.3 |
| | mm | 1210 | 8.4 | 571 | 7.4 |
| | km | 1305 | 8.7 | 568 | 8.1 |
| | lr | 1287 | 8.5 | 585 | 7.9 |