|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Normal j,k** | | | | | | | |
|  |  | 4KB Direct Mapped | | | 4KB 2-Set | | |
| Version | Matrix Size N | Data read hit rate | Data write hit rate | Instruction Read hit rate | Data read hit rate | Data write hit rate | Instruction Read hit rate |
| 1 | 10 | 92.75 | 87.5 | 99.94 | 92.75 | 87.5 | 99.94 |
| 2 | 25 | 96.87 | 87.44 | 100 | 96.87 | 87.44 | 100 |
| 3 | 45 | 88.4 | 87.46 | 100 | 88.4 | 87.46 | 100 |
|  |  |  |  |  |  |  |  |
| **Interchanged j,k** | | | | | | | |
|  |  | 4KB Direct Mapped | | | 4KB 2-Set | | |
| Version | Matrix Size N | Data read hit rate | Data write hit rate | Instruction Read hit rate | Data read hit rate | Data write hit rate | Instruction Read hit rate |
| 1 | 10 | 99.05 | 87.5 | 99.94 | 99.05 | 87.5 | 99.94 |
| 2 | 25 | 99.23 | 87.44 | 100 | 99.23 | 87.44 | 100 |
| 3 | 45 | 92.98 | 87.46 | 100 | 92.98 | 87.46 | 100 |