|  |  |  |
| --- | --- | --- |
| Kalman Filter timing |  |  |
| Assembly | Plain c | Dsp |
| 64.775 us | 170 us | 312.64 us |

|  |  |  |  |
| --- | --- | --- | --- |
| Statistics timing | Standard dev | Correlation | convolution |
| Plain c implementation | 1094.5 us | 4113 us | 4114 us |
| DSP implementation | 7.442 us | 585.1 us | 585.4 us |