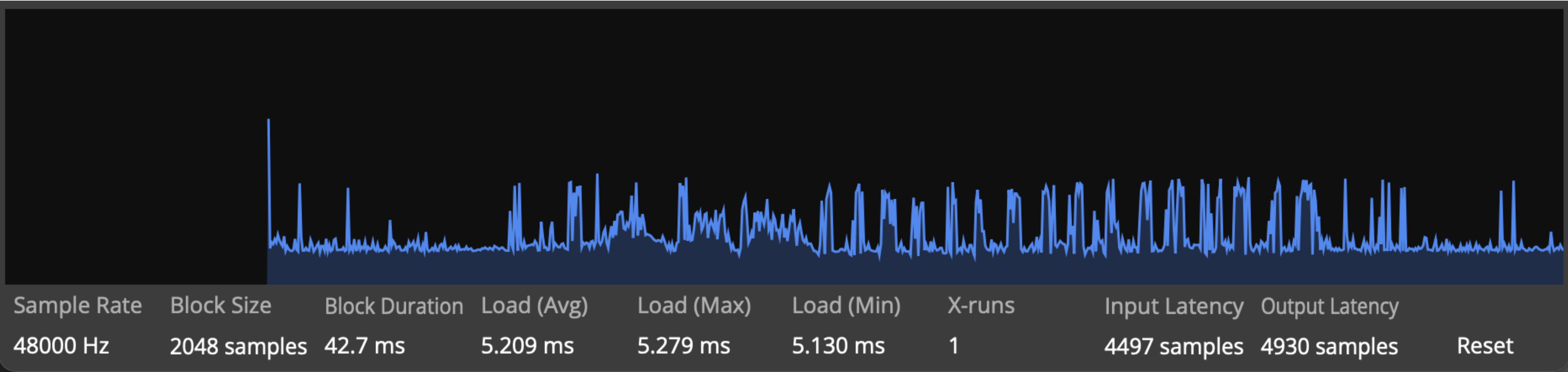


# Example: CPU Usage Graph



numElements = 1,000

```
28 static void Vector(benchmark::State& state)
29 {
30     std::vector<float> v;
31
32     for (auto _ : state)
33     {
34         v.insert (v.begin(), get_next_val());
35
36         if (v.size() > numElements)
37             v.pop_back();
38
39         readData (v);
40
41         benchmark::DoNotOptimize(v);
42     }
43 }
44 BENCHMARK(Vector);
45
46 static void Deque(benchmark::State& state)
47 {
48     std::deque<float> v;
49
50     for (auto _ : state)
51     {
52         v.push_front (get_next_val());
53
54         if (v.size() > numElements)
55             v.pop_back();
56
57         readData (v);
58
59         benchmark::DoNotOptimize(v);
60     }
61 }
62 BENCHMARK(Deque);
```