**Experiment 1 Results**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Benchmark** | **Constant** | **Condition** | **Operation** | **Working Key** |
| GSM | 1118 | 332 | 290 | 4678 |
| ADPCM | 1486 | 524 | 245 | 6574 |
| SOBEL | 128 | 36 | 27 | 713 |
| BackProp | 450 | 128 | 76 | 1654 |
| Viterbi | 150 | 47 | 31 | 507 |

**Experiment 1 Results**

Total bits taken by constants, condition, and operation in different-different test cases.

|  |  |  |  |
| --- | --- | --- | --- |
| **Benchmark** | **Constant (Bits)** | **Condition(Bits)** | **Operation(Bits)** |
| GSM | 4056 | 332 | 290 |
| ADPCM | 5805 | 524 | 245 |
| SOBEL | 650 | 36 | 27 |
| BackProp | 1450 | 128 | 76 |
| Viterbi | 429 | 47 | 31 |