| Case | K | Gaussian | Expected Output |
|----------|---|--------------------|-----------------|
| Sample 1 | 1 | NO GAUSSIAN | 3 |
| | | FILTER | 81948 |
| | | | 22801 |
| | | | 15251 |
| Sample 2 | 1 | NO GAUSSIAN | 4 |
| | | FILTER | 157567 |
| | | | 48835 |
| | | | 17665 |
| | | | 15933 |
| Sample 3 | 1 | NO GAUSSIAN | 3 |
| | | FILTER | 79548 |
| | | | 22801 |
| | | | 15251 |
| Sample 4 | 1 | NO GAUSSIAN | 3 |
| | | FILTER | 128583 |
| | | | 23572 |
| | | | 7845 |