**Result of confident experiment- same data**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Number of Matched ID out of 7 | Positioning error based on min RSS distance  (in meter) | | Positioning error based on Average of 5 smallest RSS distance\*\*  (in meter) | | Number of matched Testing signature out of 388 | Grid size |
|  | 68% | 95% | 68% | 95% |  | mxm |
| 2 | 15.2815 | 59.1293 |  |  | 386 | 20X20 |
| 3 | 28.9189 | 76.0235 |  |  | 371 |
| 4 | 34.2452 | 77.6313 |  |  | 306 |
| 5 | 29.0164 | 66.8098 |  |  | 147 |
| 6 | 9.2821 | 40.0351 |  |  | 46 |
| 7 | 1.9609 | 9.7782 |  |  | 27 |
|  | | | | | | |
| 2 | 4.5602 | 39.4189 |  |  | 383 | 10X10  383 |
| 3 | 12.6861 | 51.1334 |  |  | 381 |
| 4 | 18.0758 | 52.8745 |  |  | 365 |
| 5 | 17.6380 | 49.8789 |  |  | 260 |
| 6 | 7.5888 | 31.0165 |  |  | 134 |
| 7 | 2.5658 | 7.5514 |  |  | 77 |
|  | | | | | | |
| 2 | 2.1919 | 24.4621 |  |  | 378 | 5X5  378 |
| 3 | 4.8131 | 31.0198 |  |  | 378 |
| 4 | 8.3722 | 40.1588 |  |  | 360 |
| 5 | 9.6281 | 40.0793 |  |  | 338 |
| 6 | 4.9764 | 31.3717 |  |  | 241 |
| 7 | 2.1882 | 6.6231 |  |  | 167 |