2nd experiement

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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 | 53.5701 | 125.6666 | 49.4986 | 90.4053 | 301 | 20X20 |
| 3 | 45.6219 | 103.4076 | 42.8873 | 83.4846 | 190 |
| 4 | 43.2466 | 75.1036 | 36.9837 | 69.7269 | 68 |
| 5 | 35.1116 | 77.7023 | 34.1893 | 77.2054 | 11 |
| 6 | 29.4331 | 34.2246 | 29.4331 | 34.2246 | 2 |
| 7 | 0 | 0 | 0 | 0 | 0 |
|  | | | | | | |
| 2 | 57.2467 | 131.1188 | 52.0030 | 89.1682 | 310 | 10X10  383 |
| 3 | 46.0802 | 114.7133 | 43.7694 | 84.8471 | 243 |
| 4 | 36.8258 | 87.8568 | 36.7380 | 69.4866 | 130 |
| 5 | 34.4237 | 128.8867 | 33.4536 | 82.2524 | 129 |
| 6 | 32.1664 | 34.2246 | 28.3116 | 34.2246 | 4 |
| 7 | 2.9806 | 3.4658 | 4.4668 | 4.6297 | 2 |
|  | | | | | | |
| 2 | 55.6151 | 134.6517 | 56.2951 | 100.8302 | 314 | 5X5  378 |
| 3 | 39.9551 | 138.8467 | 40.9685 | 81.2238 | 273 |
| 4 | 31.7053 | 90.8721 | 33.0256 | 64.8861 | 178 |
| 5 | 31.5432 | 65.3065 | 35.3821 | 57.9585 | 69 |
| 6 | 24.6477 | 45.5551 | 23.5709 | 45.5551 | 10 |
| 7 |  |  |  |  |  |