|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PACKET LOSS RATE | | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
| normal 1400 | E-DSR | 0.130749 | 0.13122 | 0.130933 | 0.130963 | 0.130513 | 0.130486 | 0.131103 |
|  | NRCA | 0.105403 | 0.102995 | 0.101853 | 0.101343 | 0.101418 | 0.101736 | 0.101916 |
|  | Optimal LEACH | 0.0105013 | 0.010311 | 0.0103551 | 0.010635 | 0.0101825 | 0.0109557 | 0.00969885 |
|  | my | 0.130706 | 0.130844 | 0.130673 | 0.130737 | 0.131463 | 0.130882 | 0.130675 |

**Normal場景**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AVG\_LIFETIME | | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
| normal 1400 | E-DSR | 22995 | 20493 | 14019 | 11160 | 7419 | 6860 | 4621 |
|  | NRCA | 766 | 619.3 | 546.965 | 503.348 | 436.167 | 392.808 | 320.64 |
|  | Optimal LEACH | 2531 | 1731 | 1351 | 1141 | 1311 | 771 | 781 |
|  | my | 28121 | 24291 | 20371 | 15349 | 13450 | 13909 | 10977 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PACKET LOSS RATE | | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
| special 1400 | E-DSR | 0.128033 | 0.129001 | 0.129415 | 0.128703 | 0.128956 | 0.128897 | 0.129289 |
|  | NRCA | 0.107489 | 0.105066 | 0.1036 | 0.100937 | 0.10034 | 0.102663 | 0.102345 |
|  | Optimal LEACH | 0.0100972 | 0.00995756 | 0.010361 | 0.0101978 | 0.00975794 | 0.0106726 | 0.0102226 |
|  | my | 0.12796 | 0.128282 | 0.128382 | 0.128955 | 0.128593 | 0.128195 | 0.128692 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AVG\_LIFETIME | | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
| special 1400 | E-DSR | 27236 | 21950 | 16778 | 14498.5 | 11756 | 8951 | 5901 |
|  | NRCA | 1091 | 831 | 641 | 551 | 521 | 481 | 401 |
|  | Optimal LEACH | 2971 | 1731 | 1791 | 751 | 640 | 781 | 461 |
|  | my | 33736 | 32248 | 31168 | 22961 | 19313 | 16966 | 15961 |

**Special場景**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| AVG\_LIFETIME |  | 600 | 800 | 1000 |
|  | 1.2/1.3 | 27106 | 17117 | 13411 |
|  | 1.2/1.4 | 26386 | 18621 | 14021 |
|  | 1.2/1.5 | 31168 | 19313 | 15961 |
|  | 1.3/1.4 | 24926 | 18666 | 15881 |
|  | 1.3/1.5 | 27043 | 19741 | 14361 |
|  | 1.3/1.6 | 26441 | 18484 | 15001 |
|  | 1.4/1.5 | 25824 | 16845 | 14408 |
|  | 1.4/1.6 | 26451 | 19431 | 14391 |
|  | 1.4/1.7 | 26251 | 18266 | 14815 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CH數 | | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
| normal 1400 | E-DSR | 273 | 397 | 389 | 349 | 261 | 249 | 177 |
|  | NRCA | 6 | 5 | 5 | 5 | 5 | 5 | 5 |
|  | Optimal LEACH | 314 | 396 | 474 | 551 | 636 | 771 | 781 |
|  | my | 344 | 430 | 511 | 557 | 587 | 667 | 617 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CH數 | | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
| normal 1400 | E-DSR | 276 | 338 | 356 | 354 | 314 | 321 | 348 |
|  | NRCA | 8 | 6 | 6 | 5 | 5 | 5 | 5 |
|  | Optimal LEACH | 317 | 395 | 473 | 553 | 640 | 718 | 789 |
|  | my | 337 | 423 | 512 | 559 | 608 | 636 | 662 |