|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Metoda 2** | | | | | | |
|
| **v+ [μm/s]** | **v- [μm/s]** | **r [μm]** | **|n|e0 [As]** | **n** | **e0 [As]** | **Δe0 [As]** |
| 72,006 | 56,797 | 0,256299 | 1,423E-19 | 1 | 1,42342E-19 | -1,96723E-20 |
| 63,723 | 23 | 0,419388 | 1,568E-19 | 1 | 1,56824E-19 | -5,19084E-21 |
| 67,505 | 4,608 | 0,521208 | 1,621E-19 | 1 | 1,62064E-19 | 4,92784E-23 |
| 65,67 | 26,37 | 0,411995 | 1,635E-19 | 1 | 1,63505E-19 | 1,49023E-21 |
| 70,459 | 0,868 | 0,548242 | 1,686E-19 | 1 | 1,68612E-19 | 6,5973E-21 |
| 72,804 | 1,237 | 0,555971 | 1,775E-19 | 1 | 1,77495E-19 | 1,54805E-20 |
| 108,676 | 73,501 | 0,389774 | 3,062E-19 | 2 | 1,53087E-19 | -8,92761E-21 |
| 99,617 | 37,417 | 0,518312 | 3,063E-19 | 2 | 1,53127E-19 | -8,8878E-21 |
| 99,592 | 32,436 | 0,538565 | 3,066E-19 | 2 | 1,53298E-19 | -8,71672E-21 |
| 112,306 | 76,745 | 0,391907 | 3,195E-19 | 2 | 1,59733E-19 | -2,28196E-21 |
| 103,38 | 39,235 | 0,526353 | 3,237E-19 | 2 | 1,61836E-19 | -1,78906E-22 |
| 103,66 | 30,163 | 0,563418 | 3,251E-19 | 2 | 1,62553E-19 | 5,37757E-22 |
| 106,126 | 18,048 | 0,616779 | 3,302E-19 | 2 | 1,65117E-19 | 3,10252E-21 |
| 104,844 | 34,087 | 0,552816 | 3,312E-19 | 2 | 1,65582E-19 | 3,56681E-21 |
| 105,991 | 31,74 | 0,566301 | 3,363E-19 | 2 | 1,68155E-19 | 6,1407E-21 |
| 110,666 | 9,797 | 0,660047 | 3,428E-19 | 2 | 1,7142E-19 | 9,40491E-21 |
| 118,131 | 81,165 | 0,399574 | 3,434E-19 | 2 | 1,71683E-19 | 9,6685E-21 |
| 109,122 | 48,364 | 0,512268 | 3,479E-19 | 2 | 1,73929E-19 | 1,19142E-20 |
| 109,125 | 35,103 | 0,565427 | 3,516E-19 | 2 | 1,75816E-19 | 1,38011E-20 |
| 131,182 | 60,401 | 0,55291 | 4,567E-19 | 3 | 1,52248E-19 | -9,76655E-21 |
| 135,091 | 71,015 | 0,52607 | 4,675E-19 | 3 | 1,55839E-19 | -6,1761E-21 |
| 136,727 | 13,995 | 0,728073 | 4,732E-19 | 3 | 1,57722E-19 | -4,2927E-21 |
| 134,287 | 61,302 | 0,561452 | 4,735E-19 | 3 | 1,57833E-19 | -4,18165E-21 |
| 135,869 | 65,291 | 0,552116 | 4,789E-19 | 3 | 1,59629E-19 | -2,38525E-21 |
| 135,117 | 57,138 | 0,580343 | 4,811E-19 | 3 | 1,60363E-19 | -1,65206E-21 |
| 143,371 | 2,564 | 0,779844 | 4,907E-19 | 3 | 1,63572E-19 | 1,55705E-21 |
| 136,318 | 47,317 | 0,620002 | 4,909E-19 | 3 | 1,6364E-19 | 1,62535E-21 |
| 140,614 | 24,686 | 0,707604 | 5,043E-19 | 3 | 1,68114E-19 | 6,09925E-21 |
| 199,634 | 161,823 | 0,404115 | 6,298E-19 | 4 | 1,57458E-19 | -4,55708E-21 |
| 163,455 | 60,308 | 0,667458 | 6,44E-19 | 4 | 1,60996E-19 | -1,0189E-21 |
| 175,085 | 0,93 | 0,867289 | 6,582E-19 | 4 | 1,64557E-19 | 2,54202E-21 |
| 194,452 | 148,005 | 0,447893 | 6,614E-19 | 4 | 1,65342E-19 | 3,32718E-21 |
| 169,023 | 28,198 | 0,779894 | 6,632E-19 | 4 | 1,65803E-19 | 3,78778E-21 |
| 186,882 | 44,802 | 0,783362 | 7,826E-19 | 5 | 1,56513E-19 | -5,50168E-21 |
| 187,653 | 68,058 | 0,718708 | 7,924E-19 | 5 | 1,58487E-19 | -3,52761E-21 |
| 192,585 | 21,888 | 0,858635 | 7,94E-19 | 5 | 1,58808E-19 | -3,20628E-21 |
| 190,043 | 78,138 | 0,695217 | 8,039E-19 | 5 | 1,60783E-19 | -1,23148E-21 |
| 191,74 | 37,267 | 0,816812 | 8,066E-19 | 5 | 1,61311E-19 | -7,04062E-22 |
| 205,337 | 135,567 | 0,548947 | 8,069E-19 | 5 | 1,61382E-19 | -6,3295E-22 |
| 198,367 | 9,312 | 0,903629 | 8,092E-19 | 5 | 1,61836E-19 | -1,78888E-22 |
| 193,182 | 92,298 | 0,660096 | 8,125E-19 | 5 | 1,62508E-19 | 4,9332E-22 |
| 190,798 | 64,048 | 0,739895 | 8,13E-19 | 5 | 1,62607E-19 | 5,92499E-22 |
| 208,141 | 139,285 | 0,545339 | 8,169E-19 | 5 | 1,63388E-19 | 1,37368E-21 |
| 199,655 | 10,64 | 0,903533 | 8,193E-19 | 5 | 1,63857E-19 | 1,84232E-21 |
| 196,011 | 100,804 | 0,641254 | 8,207E-19 | 5 | 1,64138E-19 | 2,12296E-21 |
| 201,446 | 5,563 | 0,919802 | 8,21E-19 | 5 | 1,64201E-19 | 2,18621E-21 |
| 222,452 | 134,401 | 0,616684 | 9,489E-19 | 6 | 1,58148E-19 | -3,86688E-21 |
| 222,531 | 12,136 | 0,953265 | 9,646E-19 | 6 | 1,60759E-19 | -1,25527E-21 |
| 214,169 | 66,929 | 0,79746 | 9,666E-19 | 6 | 1,61093E-19 | -9,21438E-22 |
| 234,218 | 158,147 | 0,573199 | 9,697E-19 | 6 | 1,61624E-19 | -3,90444E-22 |
|  |  |  |  | Value | 1,6201E-19 | 1E-21 |

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| **Metoda 1** | | | | | | |
|
| **v [μm/s]** | **U [V]** | **r [μm]** | **ne0 [As]** | **n** | **e0 [As]** | **Δe0** |
| 30,4 | 194 | 0,512445 | 1,38497E-19 | 1 | 1,38497E-19 | -2,2194E-20 |
| 27,1 | 153 | 0,483833 | 1,47807E-19 | 1 | 1,47807E-19 | -1,28842E-20 |
| 24,6 | 127 | 0,460976 | 1,54004E-19 | 1 | 1,54004E-19 | -6,68744E-21 |
| 22,8 | 113 | 0,443791 | 1,54439E-19 | 1 | 1,54439E-19 | -6,25247E-21 |
| 8,75 | 26,3 | 0,274925 | 1,57757E-19 | 1 | 1,57757E-19 | -2,93416E-21 |
| 29,9 | 163 | 0,508214 | 1,60787E-19 | 1 | 1,60787E-19 | 9,60463E-23 |
| 41,3 | 255 | 0,597291 | 1,66847E-19 | 1 | 1,66847E-19 | 6,15539E-21 |
| 51,5 | 201 | 0,666983 | 2,94746E-19 | 2 | 1,47373E-19 | -1,33185E-20 |
| 56,3 | 227 | 0,697373 | 2,98311E-19 | 2 | 1,49156E-19 | -1,15358E-20 |
| 27,7 | 74,8 | 0,48916 | 3,12429E-19 | 2 | 1,56214E-19 | -4,47702E-21 |
| 34,2 | 101 | 0,54353 | 3,17432E-19 | 2 | 1,58716E-19 | -1,97539E-21 |
| 50,3 | 179 | 0,659166 | 3,19471E-19 | 2 | 1,59736E-19 | -9,55729E-22 |
| 46 | 156 | 0,630362 | 3,20586E-19 | 2 | 1,60293E-19 | -3,98195E-22 |
| 47,2 | 157 | 0,638531 | 3,3109E-19 | 2 | 1,65545E-19 | 4,85369E-21 |
| 25,2 | 61,1 | 0,466564 | 3,31889E-19 | 2 | 1,65944E-19 | 5,25299E-21 |
| 47,7 | 158 | 0,641904 | 3,34236E-19 | 2 | 1,67118E-19 | 6,42668E-21 |
| 11,3 | 18,1 | 0,312428 | 3,36413E-19 | 2 | 1,68206E-19 | 7,51482E-21 |
| 62,7 | 225 | 0,735944 | 3,53714E-19 | 2 | 1,76857E-19 | 1,61654E-20 |
| 69,9 | 201 | 0,777051 | 4,66072E-19 | 3 | 1,55357E-19 | -5,33419E-21 |
| 27,3 | 49 | 0,485615 | 4,66639E-19 | 3 | 1,55546E-19 | -5,14513E-21 |
| 27,6 | 49,4 | 0,488276 | 4,70511E-19 | 3 | 1,56837E-19 | -3,85445E-21 |
| 40,7 | 87,5 | 0,592936 | 4,75682E-19 | 3 | 1,58561E-19 | -2,13081E-21 |
| 20,4 | 30,8 | 0,419784 | 4,79543E-19 | 3 | 1,59848E-19 | -8,43756E-22 |
| 33,3 | 63,2 | 0,536331 | 4,87396E-19 | 3 | 1,62465E-19 | 1,77404E-21 |
| 45,4 | 100 | 0,626237 | 4,90362E-19 | 3 | 1,63454E-19 | 2,76257E-21 |
| 40 | 82,3 | 0,587815 | 4,92746E-19 | 3 | 1,64249E-19 | 3,55727E-21 |
| 31,3 | 56,9 | 0,519976 | 4,9333E-19 | 3 | 1,64443E-19 | 3,75181E-21 |
| 69,5 | 188 | 0,774824 | 4,94029E-19 | 3 | 1,64676E-19 | 3,98489E-21 |
| 46 | 101 | 0,630362 | 4,95163E-19 | 3 | 1,65054E-19 | 4,36299E-21 |
| 42,2 | 84,8 | 0,603764 | 5,1821E-19 | 3 | 1,72737E-19 | 1,20453E-20 |
| 58,1 | 114 | 0,708433 | 6,22719E-19 | 4 | 1,5568E-19 | -5,01158E-21 |
| 79,2 | 180 | 0,827129 | 6,27695E-19 | 4 | 1,56924E-19 | -3,76781E-21 |
| 56,9 | 107 | 0,701079 | 6,4301E-19 | 4 | 1,60752E-19 | 6,10461E-23 |
| 28,4 | 37,5 | 0,495302 | 6,46963E-19 | 4 | 1,61741E-19 | 1,04926E-21 |
| 43,3 | 70,4 | 0,611582 | 6,48772E-19 | 4 | 1,62193E-19 | 1,50162E-21 |
| 82,2 | 183 | 0,842649 | 6,52814E-19 | 4 | 1,63204E-19 | 2,51215E-21 |
| 52,7 | 93,8 | 0,674708 | 6,53802E-19 | 4 | 1,6345E-19 | 2,75903E-21 |
| 62,9 | 122 | 0,737117 | 6,55465E-19 | 4 | 1,63866E-19 | 3,1747E-21 |
| 58 | 107 | 0,707823 | 6,61746E-19 | 4 | 1,65436E-19 | 4,74504E-21 |
| 55,5 | 100 | 0,6924 | 6,62785E-19 | 4 | 1,65696E-19 | 5,00476E-21 |
| 70 | 141 | 0,777606 | 6,65826E-19 | 4 | 1,66457E-19 | 5,76516E-21 |
| 73,3 | 127 | 0,795725 | 7,9211E-19 | 5 | 1,58422E-19 | -2,26951E-21 |
| 92,3 | 178 | 0,892918 | 7,98575E-19 | 5 | 1,59715E-19 | -9,76474E-22 |
| 73 | 124 | 0,794095 | 8,06298E-19 | 5 | 1,6126E-19 | 5,68193E-22 |
| 116 | 248 | 1,001013 | 8,07548E-19 | 5 | 1,6151E-19 | 8,18169E-22 |
| 12,9 | 9,19 | 0,333815 | 8,08169E-19 | 5 | 1,61634E-19 | 9,42336E-22 |
| 99,9 | 193 | 0,928953 | 8,29324E-19 | 5 | 1,65865E-19 | 5,17327E-21 |
| 37 | 37,7 | 0,565343 | 9,56961E-19 | 6 | 1,59494E-19 | -1,19792E-21 |
| 46,6 | 52,8 | 0,634459 | 9,6578E-19 | 6 | 1,60963E-19 | 2,71824E-22 |
| 26,4 | 22,4 | 0,477543 | 9,70713E-19 | 6 | 1,61786E-19 | 1,09409E-21 |
|  |  |  |  | Value: | 1,607E-19 | 1E-21 |

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| **Aditional Data** | |
|
| d [m] | 0,005 |
| ρzr [kg/m3] | 1,209 |
| ρ [kg/m3] | 973 |
| η [μPas] | 18,3 |
| g [m/s2] | 9,81 |
| U [V] | 200 |

