

Reporte de Datos Satelitales Scorpio

| Altitud | Presion | Temperatura | Velocidad | Aceleracion | Tiempo | AclX | AclY | AclZ | GiroX | GiroY | GiroZ | Lat | Long | Altgps |
|----------|----------|-------------|-----------|--------------|----------|--------------|---------------|-----------|------------|------------|-------------|------------|------------|--------|
| 2123.117 | 782.9052 | 22.52109 | 9.632769 | 5.794495e-05 | 166240.0 | 0.09960938 | 0.007568359 | 0.9819336 | 2.534351 | -0.5954198 | -0.2977099 | 2008.07212 | 9822.97555 | 2144.2 |
| 2122.993 | 782.9172 | 22.51133 | 9.592053 | 5.721134e-05 | 167660.0 | 0.104248 | 0.006347656 | 0.9777832 | 2.709924 | -0.740458 | -0.1832061 | 2008.07217 | 9822.97562 | 2143.8 |
| 2123.812 | 782.8374 | 22.54531 | 9.582474 | 5.630787e-05 | 170180.0 | 0.09814453 | 0.009277344 | 0.9768066 | 2.40458 | -0.7099237 | -0.1679389 | 2008.07229 | 9822.97571 | 2143.3 |
| 2123.165 | 782.9006 | 22.55508 | 9.639954 | 5.59779e-05 | 172210.0 | 0.1015625 | 0.007324219 | 0.982666 | 2.954198 | -0.3282443 | -0.08396947 | 2008.07235 | 9822.97575 | 2143.4 |
| 2123.088 | 782.908 | 22.5793 | 9.632769 | 5.561003e-05 | 173220.0 | 0.09960938 | 0.009521484 | 0.9819336 | 3.290076 | -0.9389313 | -0.1526718 | 2008.07239 | 9822.97577 | 2143.2 |
| 2122.953 | 782.921 | 22.58906 | 9.608819 | 5.51502e-05 | 174230.0 | 0.09716797 | 0.008300781 | 0.9794922 | 2.832061 | -0.5801527 | -0.1603053 | 2008.07237 | 9822.97577 | 2143.4 |
| 2123.469 | 782.8709 | 22.58906 | 9.606423 | 5.481867e-05 | 175240.0 | 0.09863281 | 0.01000977 | 0.979248 | 2.656489 | -0.7557252 | -0.1832061 | 2008.07235 | 9822.97576 | 2143.3 |
| 2122.163 | 782.9982 | 22.62793 | 9.666299 | 5.453176e-05 | 177260.0 | 0.1062012 | 0.004638672 | 0.9853516 | 2.847328 | -0.8091603 | -0.1374046 | 2008.07241 | 9822.97578 | 2143.0 |
| 2123.059 | 782.9109 | 22.6377 | 9.340576 | 5.15399e-05 | 181230.0 | 0.06738281 | -0.03759766 | 0.9521484 | -9.068703 | 10.41985 | -11.0229 | 2008.07256 | 9822.97587 | 2142.0 |
| 2122.465 | 782.9688 | 22.66211 | 8.339458 | 4.576086e-05 | 182240.0 | 0.1481934 | 0.3972168 | 0.8500977 | 44.21374 | 4.427481 | 2.427481 | 2008.07262 | 9822.9759 | 2141.5 |
| 2123.162 | 782.9008 | 22.68633 | 1.83219 | 9.837262e-06 | 186250.0 | -0.001464844 | 1.012939 | 0.1867676 | 2.366412 | -4.59542 | -3.419847 | 2008.07259 | 9822.97593 | 2141.4 |
| 2123.152 | 782.9019 | 22.70586 | 9.699829 | 5.124593e-05 | 189280.0 | -0.1098633 | 0.05639648 | 0.9887695 | 2.427481 | -1.503817 | -2.618321 | 2008.07255 | 9822.97596 | 2141.6 |
| 2123.141 | 782.9027 | 22.72519 | 9.371712 | 4.901779e-05 | 191190.0 | -0.01318359 | 0.1254883 | 0.9553223 | 0.8778625 | -12.77863 | -2.916031 | 2008.07257 | 9822.97598 | 2141.6 |
| 2122.885 | 782.9278 | 22.72519 | 9.532178 | 4.95951e-05 | 192200.0 | 0.09375 | -0.02587891 | 0.9716797 | 2.816794 | -1.442748 | -0.8244275 | 2008.07257 | 9822.97599 | 2141.6 |
| 2123.199 | 782.8973 | 22.73984 | 9.524993 | 4.830118e-05 | 197200.0 | 0.09667969 | -0.02661133 | 0.9709473 | 2.748092 | -0.4580153 | -0.1374046 | 2008.07256 | 9822.97601 | 2142.0 |
| 2123.12 | 782.9049 | 22.76426 | 8.799302 | 4.394159e-05 | 200250.0 | 0.3178711 | -0.1020508 | 0.8969727 | -7.946565 | -66.19084 | -0.9160305 | 2008.0725 | 9822.97599 | 2142.6 |
| 2123.627 | 782.8555 | 22.78359 | 4.196074 | 2.084903e-05 | 201260.0 | 0.9206543 | 0.002441406 | 0.4277344 | 13.51145 | -21.80153 | -4.91603 | 2008.07246 | 9822.97596 | 2142.9 |
| 2123.559 | 782.8622 | 22.78848 | 1.858535 | 9.188389e-06 | 202270.0 | 1.012695 | -0.0009765625 | 0.1894531 | 1.748092 | -13.03053 | 3.358779 | 2008.07244 | 9822.97594 | 2143.1 |
| 2123.474 | 782.8705 | 22.83223 | 2.296824 | 1.108399e-05 | 207220.0 | 0.3933105 | -0.8718262 | 0.2341309 | -0.2900764 | 1.374046 | 2.862595 | 2008.07239 | 9822.97591 | 2143.5 |
| 2123.461 | 782.8716 | 22.85176 | 2.883604 | 1.371642e-05 | 210230.0 | -0.2429199 | -0.90625 | 0.2939453 | 2.625954 | 1.503817 | 3.053435 | 2008.07243 | 9822.97593 | 2143.5 |
| 2123.519 | 782.866 | 22.86621 | 9.649534 | 4.524987e-05 | 213250.0 | 0.07861328 | -0.03881836 | 0.9836426 | 4.122138 | -1.641221 | -1.038168 | 2008.07249 | 9822.97597 | 2143.3 |
| 2123.823 | 782.8364 | 22.90039 | 9.623189 | 4.491361e-05 | 214260.0 | 0.08496094 | -0.04418945 | 0.980957 | 2.916031 | -0.6870229 | -0.2748091 | 2008.07247 | 9822.97595 | 2143.6 |
| 2123.757 | 782.8428 | 22.90527 | 9.623189 | 4.47008e-05 | 215280.0 | 0.07836914 | -0.0402832 | 0.980957 | 2.801527 | -0.5648855 | -0.3740458 | 2008.07248 | 9822.97596 | 2143.6 |
| 2122.919 | 782.9244 | 22.90996 | 9.601634 | 4.441295e-05 | 216190.0 | 0.08862305 | -0.03417969 | 0.9787598 | 2.618321 | -0.6335878 | -0.3587786 | 2008.07252 | 9822.97598 | 2143.7 |
| 2123.368 | 782.8808 | 22.91484 | 9.649534 | 4.421727e-05 | 218230.0 | 0.08935547 | -0.03076172 | 0.9836426 | 2.603053 | -0.3206107 | -0.1374046 | 2008.07246 | 9822.97596 | 2144.1 |
| 2123.424 | 782.8753 | 22.92949 | 9.608819 | 4.382586e-05 | 219250.0 | 0.08642578 | -0.04199219 | 0.9794922 | 2.007634 | -0.2442748 | -0.06870229 | 2008.07249 | 9822.97598 | 2144.0 |
| 2123.358 | 782.8818 | 22.93438 | 9.570498 | 4.344894e-05 | 220270.0 | 0.08325195 | -0.0378418 | 0.9755859 | 3.541985 | -1.030534 | 0.129771 | 2008.07248 | 9822.97597 | 2144.1 |
| 2123.545 | 782.8633 | 22.93926 | 9.685459 | 4.378994e-05 | 221180.0 | 0.08959961 | -0.03759766 | 0.9873047 | 3.549618 | -0.870229 | 0.09160305 | 2008.07251 | 9822.97597 | 2143.8 |

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|----------|----------|----------|-----------|---------------|----------|------------|-------------|------------|-----------|------------|-------------|------------|------------|--------|
| 2123.796 | 782.839 | 22.95859 | 8.969349 | 4.018166e-05 | 223220.0 | 0.1506348 | -0.1257324 | 0.9143066 | -1.992366 | 1.633588 | 0.4198473 | 2008.07258 | 9822.97598 | 2143.4 |
| 2123.987 | 782.8205 | 22.96348 | 9.570498 | 4.268162e-05 | 224230.0 | 0.0871582 | -0.03295898 | 0.9755859 | 3.503817 | -1.343511 | -0.1374046 | 2008.07259 | 9822.97597 | 2143.4 |
| 2123.73 | 782.8455 | 22.96348 | 9.618399 | 4.270289e-05 | 225240.0 | 0.08520508 | -0.03735352 | 0.9804688 | 2.854962 | -0.9312977 | -0.1526718 | 2008.07261 | 9822.97596 | 2143.4 |
| 2124.301 | 782.7899 | 22.97812 | 9.618399 | 4.251038e-05 | 226260.0 | 0.09033203 | -0.03027344 | 0.9804688 | 2.664122 | -0.8549618 | -0.3129771 | 2008.07266 | 9822.97598 | 2143.1 |
| 2124.158 | 782.8038 | 23.00723 | 9.637559 | 4.186057e-05 | 230230.0 | 0.08813477 | -0.03857422 | 0.9824219 | 3.641221 | -0.6335878 | -0.02290076 | 2008.07275 | 9822.976 | 2142.5 |
| 2124.024 | 782.8168 | 23.01699 | 9.589659 | 4.146879e-05 | 231250.0 | 0.08642578 | -0.02856445 | 0.9775391 | 3.022901 | -0.5038168 | -0.08396947 | 2008.07276 | 9822.97601 | 2142.4 |
| 2124.335 | 782.7863 | 23.03164 | 9.560919 | 4.0822e-05 | 234210.0 | 0.08666992 | -0.0324707 | 0.9746094 | 2.824427 | -0.6946565 | -0.1526718 | 2008.07284 | 9822.97607 | 2142.2 |
| 2123.553 | 782.8625 | 23.05117 | 9.558523 | 4.046107e-05 | 236240.0 | 0.08642578 | -0.03710938 | 0.9743652 | 3.244275 | -0.5801527 | -0.24809165 | 2008.07288 | 9822.97612 | 2142.2 |
| 2123.553 | 782.8625 | 23.05117 | 9.64714 | 4.066405e-05 | 237240.0 | 0.08935547 | -0.03344727 | 0.9833984 | 2.847328 | -0.6030535 | -0.3435115 | 2008.07294 | 9822.97617 | 2142.1 |
| 2123.165 | 782.9004 | 23.06074 | 9.623189 | 4.038945e-05 | 238260.0 | 0.09033203 | -0.03295898 | 0.980957 | 2.244275 | -0.7938931 | -0.02290076 | 2008.07294 | 9822.97618 | 2142.3 |
| 2123.479 | 782.8699 | 23.07539 | 9.584868 | 4.005713e-05 | 239280.0 | 0.08764648 | -0.03198242 | 0.9770508 | 2.572519 | -0.5343512 | -0.09160305 | 2008.07289 | 9822.97618 | 2142.6 |
| 2123.4 | 782.8775 | 23.0998 | 9.565708 | 3.932136e-05 | 243270.0 | 0.08520508 | -0.03222656 | 0.9750977 | 2.633588 | -0.7557252 | -0.1068702 | 2008.07271 | 9822.97612 | 2144.3 |
| 2123.527 | 782.8652 | 23.10938 | 9.594449 | 3.927644e-05 | 244280.0 | 0.0871582 | -0.03417969 | 0.9780273 | 2.641221 | -0.9007633 | -0.1374046 | 2008.07266 | 9822.97611 | 2144.6 |
| 2124.031 | 782.8161 | 23.12891 | 9.546548 | 3.861248e-05 | 247240.0 | 0.08837891 | -0.03125 | 0.9731445 | 2.648855 | -0.6259542 | -0.1755725 | 2008.07249 | 9822.97601 | 2146.5 |
| 2123.897 | 782.8292 | 23.13867 | 9.589659 | 3.862904e-05 | 248250.0 | 0.08496094 | -0.03759766 | 0.9775391 | 2.717557 | -0.5648855 | -0.2519084 | 2008.07236 | 9822.97594 | 2148.0 |
| 2123.506 | 782.8674 | 23.14844 | 9.563313 | 3.836528e-05 | 249270.0 | 0.08618164 | -0.03466797 | 0.9748535 | 2.824427 | -1.007634 | -0.1832061 | 2008.07232 | 9822.97592 | 2148.0 |
| 2123.374 | 782.8801 | 23.15801 | 9.568104 | 3.822807e-05 | 250290.0 | 0.08618164 | -0.03540039 | 0.9753418 | 2.877863 | -0.5038168 | -0.129771 | 2008.07236 | 9822.97593 | 2147.9 |
| 2123.429 | 782.8747 | 23.17266 | 9.596844 | 3.804799e-05 | 252230.0 | 0.08911133 | -0.03344727 | 0.9782715 | 2.473282 | -0.6183206 | -0.03053435 | 2008.0724 | 9822.97594 | 2147.6 |
| 2123.944 | 782.8245 | 23.17266 | 9.642349 | 3.807443e-05 | 253250.0 | 0.08911133 | -0.03637695 | 0.9829102 | 2.503817 | -0.5572519 | -0.2061069 | 2008.07241 | 9822.97595 | 2147.3 |
| 2123.413 | 782.8764 | 23.21152 | 9.611214 | 3.75145e-05 | 256200.0 | 0.08862305 | -0.03540039 | 0.9797363 | 2.832061 | -0.7938931 | -0.1832061 | 2008.07265 | 9822.97606 | 2146.0 |
| 2123.849 | 782.8338 | 23.23594 | 8.044871 | 3.091209e-05 | 260250.0 | -0.2270508 | -0.3759766 | 0.8200684 | -31.69466 | 19.68702 | 4.068702 | 2008.07267 | 9822.97606 | 2146.9 |
| 2123.524 | 782.8655 | 23.24082 | 4.696633 | 1.797686e-05 | 261260.0 | -0.5029297 | -0.6645508 | 0.4787598 | -27.69466 | 18.15267 | 11.45038 | 2008.07261 | 9822.97603 | 2148.3 |
| 2123.717 | 782.8467 | 23.24551 | 0.8382569 | 3.19616e-06 | 262270.0 | -0.6252441 | -0.7692871 | 0.08544922 | -17.69466 | 8.091603 | -5.305344 | 2008.0726 | 9822.97602 | 2148.4 |
| 2123.241 | 782.8931 | 23.29902 | -9.263936 | -3.453085e-05 | 268280.0 | 0.1779785 | -0.06030273 | -0.9443359 | 4.877862 | 26.65649 | 27.0229 | 2008.07267 | 9822.97597 | 2148.1 |
| 2123.553 | 782.8627 | 23.31367 | -9.592053 | -3.563303e-05 | 269190.0 | 0.2861328 | -0.09741211 | -0.9777832 | 3.641221 | -2.694656 | 3.091603 | 2008.0727 | 9822.97597 | 2147.7 |
| 2122.716 | 782.9444 | 23.31855 | 10.00639 | 3.648107e-05 | 274290.0 | -0.3039551 | -0.09716797 | 1.02002 | 73.15267 | -27.16794 | 7.839694 | 2008.07278 | 9822.97595 | 2146.7 |
| 2123.154 | 782.9015 | 23.34277 | 9.66151 | 3.504356e-05 | 275700.0 | 0.03417969 | 0.01000977 | 0.9848633 | 2.977099 | -0.6183206 | -0.08396947 | 2008.07276 | 9822.97594 | 2146.9 |
| 2123.154 | 782.9015 | 23.34277 | 9.604029 | 3.476949e-05 | 276220.0 | 0.03173828 | 0.01416016 | 0.9790039 | 2.992366 | -0.6641222 | -0.1221374 | 2008.07276 | 9822.97593 | 2146.9 |
| 2123.469 | 782.8709 | 23.35742 | 9.671089 | 3.488346e-05 | 277240.0 | 0.03369141 | 0.01293945 | 0.9858398 | 2.824427 | -0.5496183 | -0.2213741 | 2008.07282 | 9822.97595 | 2146.4 |
| 2123.781 | 782.8404 | 23.37207 | 9.639954 | 3.45184e-05 | 279270.0 | 0.03710938 | 0.01757813 | 0.982666 | 3.259542 | -0.5801527 | -0.2061069 | 2008.07292 | 9822.976 | 2145.6 |
| 2124.04 | 782.8152 | 23.37207 | 9.649534 | 3.44282e-05 | 280280.0 | 0.04711914 | 0.01367188 | 0.9836426 | 2.717557 | -0.9389313 | -0.259542 | 2008.0729 | 9822.97598 | 2145.6 |

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|----------|----------|----------|-----------|---------------|----------|--------------|------------|------------|-----------|------------|---------------------|------------|------------|--------|
| 2122.684 | 782.9473 | 23.37695 | 9.683064 | 3.442378e-05 | 281290.0 | 0.04492188 | 0.01147461 | 0.9870605 | 2.725191 | -0.8091603 | 0.03816794 | 2008.07297 | 9822.97602 | 2143.7 |
| 2123.26 | 782.8912 | 23.39141 | 9.671089 | 3.426913e-05 | 282210.0 | 0.04492188 | 0.01586914 | 0.9858398 | 2.877863 | -0.8473283 | -0.2290076 | 2008.07298 | 9822.97602 | 2143.6 |
| 2123.173 | 782.8998 | 23.43535 | 9.671089 | 3.343158e-05 | 289280.0 | 0.04663086 | 0.01171875 | 0.9858398 | 2.694656 | -0.7175572 | -0.480916 | 2008.07314 | 9822.97609 | 2142.9 |
| 2123.553 | 782.8625 | 23.44492 | 9.613608 | 3.311726e-05 | 290290.0 | 0.04833984 | 0.01245117 | 0.9799805 | 2.687023 | -0.610687 | -0.04580153 | 2008.07311 | 9822.97608 | 2143.1 |
| 2123.165 | 782.9006 | 23.45469 | 9.68067 | 3.323151e-05 | 291310.0 | 0.0480957 | 0.01000977 | 0.9868164 | 2.770992 | -0.4427481 | -0.1755725 | 2008.07311 | 9822.97608 | 2143.1 |
| 2123.622 | 782.856 | 23.44004 | 9.702225 | 3.320178e-05 | 292220.0 | 0.04858398 | 0.01123047 | 0.9890137 | 2.755725 | -0.480916 | -0.2900764 | 2008.0731 | 9822.97608 | 2143.1 |
| 2123.231 | 782.894 | 23.4498 | 9.553733 | 3.224671e-05 | 296270.0 | 0.04638672 | 0.01318359 | 0.973877 | 2.114504 | -0.5877862 | -0.1221374 | 2008.07316 | 9822.9761 | 2143.0 |
| 2123.553 | 782.8625 | 23.44492 | 9.663904 | 3.228727e-05 | 299310.0 | 0.04589844 | 0.01074219 | 0.9851074 | 2.755725 | -0.5343512 | -0.2366412 | 2008.07311 | 9822.97608 | 2143.1 |
| 2123.487 | 782.8691 | 23.4498 | 9.592053 | 3.184084e-05 | 301250.0 | 0.04443359 | 0.01538086 | 0.9777832 | 2.923664 | -0.5267176 | -0.3435115 | 2008.07302 | 9822.97604 | 2143.5 |
| 2124.061 | 782.8134 | 23.46445 | 10.62191 | 3.479286e-05 | 305290.0 | -0.09643555 | 0.1623535 | 1.082764 | 7.145038 | 6.51145 | -15.57252 | 2008.07293 | 9822.97599 | 2143.7 |
| 2123.667 | 782.8516 | 23.47422 | 9.438772 | 3.081646e-05 | 306290.0 | -0.1152344 | 0.1220703 | 0.9621582 | 5.877862 | -1.580153 | 0.2061069 | 2008.07291 | 9822.97598 | 2143.6 |
| 2123.421 | 782.8755 | 23.45469 | 9.532178 | 3.101913e-05 | 307300.0 | -0.1657715 | 0.07739258 | 0.9716797 | 9.671756 | -2.954198 | 3.251908 | 2008.07289 | 9822.97597 | 2143.6 |
| 2123.107 | 782.9061 | 23.44004 | 9.683064 | 3.121354e-05 | 310220.0 | -0.1328125 | 0.0246582 | 0.9870605 | 1.167939 | 0.259542 | 0.5114504 | 2008.07293 | 9822.97599 | 2142.5 |
| 2123.487 | 782.8691 | 23.4498 | 8.835227 | 2.83881e-05 | 311230.0 | -0.1135254 | -0.1584473 | 0.9006348 | -43.39695 | 20.59542 | -13.09924 | 2008.07295 | 9822.97601 | 2142.4 |
| 2123.63 | 782.8552 | 23.4207 | -3.355422 | -1.047718e-05 | 320260.0 | -0.348877 | -0.8596191 | -0.342041 | 3.045802 | -1.587786 | -0.1603053 | 2008.07278 | 9822.97596 | 2143.8 |
| 2124.021 | 782.817 | 23.41094 | -3.233277 | -1.006405e-05 | 321270.0 | -0.3962402 | -0.8520508 | -0.3295898 | 15.37405 | -2.061069 | -2.870229 | 2008.07276 | 9822.97596 | 2144.1 |
| 2123.553 | 782.8625 | 23.44492 | 9.292676 | 2.865368e-05 | 324310.0 | -0.1806641 | -0.270752 | 0.9472656 | 33.52672 | -13.25191 | -0.6793893 | 2008.07254 | 9822.97584 | 2145.7 |
| 2123.553 | 782.8625 | 23.44492 | 7.558682 | 2.324175e-05 | 325220.0 | 0.0402832 | 0.5600586 | 0.7705078 | 68.55725 | 3.458015 | 39.92366 | 2008.07253 | 9822.97583 | 2145.9 |
| 2123.286 | 782.8886 | 23.46445 | 2.529141 | 7.752869e-06 | 326220.0 | 0.2941895 | 0.9462891 | 0.2578125 | 16.60305 | -6.816794 | 4.877862 | 2008.07249 | 9822.9758 | 2146.3 |
| 2123.086 | 782.9082 | 23.4791 | 1.190325 | 3.63769e-06 | 327220.0 | 0.3105469 | 0.954834 | 0.1213379 | 6.40458 | -0.9236641 | 1.496183 | 2008.07248 | 9822.9758 | 2146.6 |
| 2123.086 | 782.9082 | 23.4791 | 1.041834 | 3.174193e-06 | 328220.0 | 0.3044434 | 0.9462891 | 0.1062012 | 2.114504 | 0.8167939 | -0.259542 | 2008.07247 | 9822.9758 | 2146.8 |
| 2123.133 | 782.9035 | 23.51309 | 1.432222 | 4.337043e-06 | 330230.0 | 0.2956543 | 0.9680176 | 0.1459961 | -1.473282 | 1.923664 | -1.671756 | 2008.0725 | 9822.97583 | 2146.8 |
| 2123.183 | 782.8987 | 23.54707 | 9.407638 | 2.822912e-05 | 333260.0 | -0.2038574 | 0.1025391 | 0.9589844 | -13.1374 | -11.28244 | 11.31298 | 2008.07237 | 9822.97578 | 2148.0 |
| 2122.982 | 782.9183 | 23.56172 | 9.644744 | 2.885315e-05 | 334270.0 | -0.01489258 | 0.05249023 | 0.9831543 | 2.816794 | -0.6717557 | -0.06870229 | 2008.07236 | 9822.97577 | 2148.3 |
| 2123.289 | 782.8884 | 23.5957 | 9.745335 | 2.889818e-05 | 337230.0 | -0.01074219 | 0.04907227 | 0.9934082 | 2.625954 | -0.6870229 | -0.2977099 | 2008.07224 | 9822.97569 | 2149.5 |
| 2123.154 | 782.9016 | 23.60547 | 9.642349 | 2.833735e-05 | 340270.0 | -0.009521484 | 0.04980469 | 0.9829102 | 2.938931 | -0.9007633 | -0.3282443 | 2008.07215 | 9822.97563 | 2150.1 |
| 2122.755 | 782.9405 | 23.63457 | 9.75252 | 2.841478e-05 | 343220.0 | -0.03222656 | 0.01708984 | 0.9941406 | 3.251908 | 1.541985 | -0.4427481 | 2008.07221 | 9822.97564 | 2150.6 |
| 2122.946 | 782.9219 | 23.63945 | 9.649534 | 2.803223e-05 | 344230.0 | -0.02148438 | 0.03442383 | 0.9836426 | 2.847328 | -0.3282443 | -0.6793899999999999 | 2008.0722 | 9822.97565 | 2150.7 |
| 2123.326 | 782.8847 | 23.64922 | 9.659114 | 2.797878e-05 | 345230.0 | -0.007324219 | 0.04907227 | 0.9846191 | 2.610687 | -0.7480916 | -0.1908397 | 2008.07218 | 9822.97564 | 2150.9 |
| 2123.25 | 782.8923 | 23.67363 | 9.690249 | 2.782316e-05 | 348280.0 | -0.01171875 | 0.05126953 | 0.987793 | 2.572519 | -0.4656488 | 0.1450382 | 2008.07217 | 9822.97564 | 2151.6 |
| 2122.792 | 782.9367 | 23.68809 | 9.639954 | 2.759871e-05 | 349290.0 | -0.01171875 | 0.05297852 | 0.982666 | 2.580153 | -0.9770992 | -0.2519084 | 2008.0722 | 9822.97566 | 2151.7 |

| | | | | | | | | | | | | | | |
|----------|----------|----------|----------|--------------|----------|--------------|------------|-----------|----------|------------|-------------|------------|------------|--------|
| 2122.99 | 782.9174 | 23.67363 | 9.620794 | 2.746366e-05 | 350310.0 | -0.01049805 | 0.04589844 | 0.9807129 | 2.778626 | -0.5572519 | -0.1908397 | 2008.07224 | 9822.97569 | 2151.6 |
| 2122.716 | 782.9443 | 23.7125 | 9.651929 | 2.724302e-05 | 354290.0 | -0.007324219 | 0.05078125 | 0.9838867 | 2.687023 | -0.5648855 | -0.09160305 | 2008.0723 | 9822.97569 | 2151.1 |
| 2123.03 | 782.9137 | 23.72715 | 9.668694 | 2.7212e-05 | 355310.0 | -0.009033203 | 0.04907227 | 0.9855957 | 2.396947 | -0.6030535 | -0.2061069 | 2008.0723 | 9822.97568 | 2150.9 |
| 2123.738 | 782.8447 | 23.73184 | 9.627979 | 2.702818e-05 | 356220.0 | -0.015625 | 0.05175781 | 0.9814453 | 2.732824 | -0.5801527 | 0.1374046 | 2008.07231 | 9822.97569 | 2150.7 |
| 2123.669 | 782.8512 | 23.73672 | 9.68067 | 2.709926e-05 | 3572.0 | -0.01123047 | 0.04541016 | 0.9868164 | 2.458015 | -0.389313 | -0.1679389 | 2008.07231 | 9822.97569 | 2150.7 |
| 2122.565 | 782.9592 | 23.76113 | 9.616004 | 2.666076e-05 | 360680.0 | 0.002441406 | 0.05322266 | 0.9802246 | 2.641221 | -0.2824428 | -0.2290076 | 2008.0723 | 9822.97569 | 2150.7 |















