

|                           |                                                                                                                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Name                 | <b>AL, MW, rep 2</b>                                                                                                                                                                                                 |
| Cladding                  | <b>Aluminium</b>                                                                                                                                                                                                     |
| Cladding Thickness [mm]   | <b>2</b>                                                                                                                                                                                                             |
| Insulation                | <b>Mineral Wool (MW)</b>                                                                                                                                                                                             |
| Insulation Thickness [mm] | <b>100</b>                                                                                                                                                                                                           |
| Cavity Width [mm]         | <b>50</b>                                                                                                                                                                                                            |
| Repetition Number         | <b>2</b>                                                                                                                                                                                                             |
| Mass Flow Rate (Propane)  | <b>0.2</b>                                                                                                                                                                                                           |
| Description               | This experiment is on a system consisting of an Aluminium cladding panel and a Mineral Wool (MW) insulation panel, separated with a cavity of 50 mm width. It is the second repetition of this system configuration. |
| Experiment Notes          | There were no noticable observations for this test.                                                                                                                                                                  |
| Peak HRR [kW]             | <b>0</b>                                                                                                                                                                                                             |
| Time to Peak HRR [mins]   |                                                                                                                                                                                                                      |
| Residual HRR [kW]         | <b>2.01</b>                                                                                                                                                                                                          |
| Total HR [MJ]             | <b>0</b>                                                                                                                                                                                                             |
| Peak dQ/dt [kW/s]         | <b>0</b>                                                                                                                                                                                                             |
| Time to Peak dQ/dt [s]    |                                                                                                                                                                                                                      |

| Test Time<br>[s] | Heat Release<br>Rate<br>HRR [kW] | HRR<br>Smoothed<br>[kW] | Mass<br>Rainscreen<br>[kg] | Mass<br>Insulation<br>[kg] | Mass<br>Drip Tray<br>[kg] | Mass<br>Total<br>[kg] | MLR<br>Rainscreen<br>Smoothed 100pt<br>[g/s] | MLR<br>Insulation<br>Smoothed 100pt<br>[g/s] | MLR<br>Drip Tray<br>Smoothed 100pt<br>[g/s] | MLR<br>Total<br>Smoothed 100pt<br>[g/s] |
|------------------|----------------------------------|-------------------------|----------------------------|----------------------------|---------------------------|-----------------------|----------------------------------------------|----------------------------------------------|---------------------------------------------|-----------------------------------------|
| 0                | -0.0304                          | -0.0304                 | 3.1915                     | 2.8082                     | -0.0014                   | 5.9983                | -0.0861                                      | 0.0902                                       | 0.0056                                      | 0.0097                                  |
| 1                | 0.0352                           | 0.107                   | 3.1902                     | 2.807                      | -0.0017                   | 5.9954                | -0.1062                                      | 0.0843                                       | 0.0036                                      | -0.0184                                 |
| 2                | 0.317                            | 0.314                   | 3.1898                     | 2.8067                     | -0.0012                   | 5.9953                | -0.1227                                      | 0.0813                                       | 0.0035                                      | -0.0379                                 |
| 3                | 0.531                            | 0.497                   | 3.1907                     | 2.8079                     | -0.0009                   | 5.9977                | -0.12                                        | 0.0819                                       | 0.0034                                      | -0.0347                                 |
| 4                | 0.715                            | 0.626                   | 3.1925                     | 2.8082                     | -0.0013                   | 5.9994                | -0.1204                                      | 0.0809                                       | 0.0041                                      | -0.0354                                 |
| 5                | 0.819                            | 0.708                   | 3.1935                     | 2.8049                     | -0.0016                   | 5.9968                | -0.1136                                      | 0.0774                                       | 0.0051                                      | -0.031                                  |
| 6                | 1.09                             | 0.841                   | 3.1944                     | 2.8042                     | -0.0012                   | 5.9973                | -0.092                                       | 0.0795                                       | 0.005                                       | -0.0075                                 |
| 7                | 1.13                             | 1.22                    | 3.1948                     | 2.8044                     | -0.0011                   | 5.998                 | -0.0721                                      | 0.0772                                       | 0.0074                                      | 0.0125                                  |
| 8                | 1.03                             | 1.75                    | 3.1949                     | 2.8044                     | -0.0013                   | 5.998                 | -0.0462                                      | 0.0729                                       | 0.0097                                      | 0.0364                                  |
| 9                | 1.07                             | 2.28                    | 3.1945                     | 2.8044                     | -0.0013                   | 5.9976                | -0.0266                                      | 0.0792                                       | 0.0099                                      | 0.0624                                  |
| 10               | 1.08                             | 2.69                    | 3.1938                     | 2.8045                     | -0.0012                   | 5.9971                | 0.0009                                       | 0.0769                                       | 0.0064                                      | 0.0842                                  |
| 11               | 1.22                             | 3.11                    | 3.1928                     | 2.8043                     | -0.0012                   | 5.9959                | 0.0384                                       | 0.0768                                       | 0.0063                                      | 0.1215                                  |
| 12               | 1.93                             | 3.54                    | 3.1922                     | 2.8039                     | -0.0013                   | 5.9947                | 0.0579                                       | 0.0727                                       | 0.0062                                      | 0.1368                                  |
| 13               | 3.06                             | 3.97                    | 3.1918                     | 2.8037                     | -0.0014                   | 5.994                 | 0.0761                                       | 0.0726                                       | 0.005                                       | 0.1538                                  |
| 14               | 4.36                             | 4.42                    | 3.191                      | 2.8036                     | -0.0014                   | 5.9932                | 0.0858                                       | 0.0755                                       | 0.0022                                      | 0.1635                                  |
| 15               | 5.43                             | 4.85                    | 3.1902                     | 2.8034                     | -0.0013                   | 5.9924                | 0.0979                                       | 0.0771                                       | 0.0013                                      | 0.1763                                  |
| 16               | 6.01                             | 5.3                     | 3.1894                     | 2.8034                     | -0.0013                   | 5.9915                | 0.1106                                       | 0.075                                        | 0.0022                                      | 0.1877                                  |
| 17               | 6.7                              | 5.75                    | 3.1893                     | 2.8034                     | -0.0013                   | 5.9914                | 0.1178                                       | 0.0744                                       | 0.0027                                      | 0.1948                                  |
| 18               | 6.77                             | 6.22                    | 3.1891                     | 2.803                      | -0.0012                   | 5.9908                | 0.1103                                       | 0.0724                                       | 0.0015                                      | 0.1842                                  |
| 19               | 7.73                             | 6.65                    | 3.1887                     | 2.8029                     | -0.0012                   | 5.9904                | 0.1004                                       | 0.0698                                       | 0.0026                                      | 0.1728                                  |
| 20               | 8.15                             | 7.12                    | 3.1886                     | 2.8027                     | -0.0011                   | 5.9902                | 0.1014                                       | 0.0688                                       | 0.004                                       | 0.1742                                  |
| 21               | 8.45                             | 7.55                    | 3.1884                     | 2.8027                     | -0.001                    | 5.9901                | 0.0998                                       | 0.0687                                       | 0.0042                                      | 0.1727                                  |
| 22               | 8.6                              | 7.99                    | 3.1883                     | 2.8028                     | -0.001                    | 5.9901                | 0.0987                                       | 0.0661                                       | 0.0057                                      | 0.1705                                  |
| 23               | 9.25                             | 8.36                    | 3.1881                     | 2.8029                     | -0.001                    | 5.99                  | 0.1029                                       | 0.0667                                       | 0.0071                                      | 0.1768                                  |
| 24               | 9.17                             | 8.67                    | 3.1876                     | 2.803                      | -0.001                    | 5.9897                | 0.1105                                       | 0.065                                        | 0.0079                                      | 0.1833                                  |
| 25               | 9.47                             | 8.94                    | 3.1873                     | 2.8035                     | -0.0011                   | 5.9898                | 0.1253                                       | 0.0649                                       | 0.0078                                      | 0.1979                                  |
| 26               | 9.82                             | 9.18                    | 3.1874                     | 2.8037                     | -0.0011                   | 5.99                  | 0.1357                                       | 0.0646                                       | 0.0086                                      | 0.2089                                  |
| 27               | 9.88                             | 9.39                    | 3.1876                     | 2.8038                     | -0.001                    | 5.9903                | 0.1405                                       | 0.0648                                       | 0.0099                                      | 0.2152                                  |
| 28               | 9.31                             | 9.58                    | 3.188                      | 2.8039                     | -0.001                    | 5.9909                | 0.1432                                       | 0.0642                                       | 0.0112                                      | 0.2186                                  |

|    |      |      |        |        |         |        |        |        |         |        |
|----|------|------|--------|--------|---------|--------|--------|--------|---------|--------|
| 29 | 9.97 | 9.71 | 3.1881 | 2.8038 | -0.001  | 5.9909 | 0.1418 | 0.0659 | 0.0137  | 0.2214 |
| 30 | 9.4  | 9.83 | 3.1878 | 2.8033 | -0.001  | 5.9901 | 0.1434 | 0.0655 | 0.0148  | 0.2237 |
| 31 | 10.3 | 9.93 | 3.1879 | 2.8035 | -0.0011 | 5.9903 | 0.1487 | 0.0683 | 0.0148  | 0.2318 |
| 32 | 10.1 | 10   | 3.1878 | 2.8033 | -0.0011 | 5.9901 | 0.1496 | 0.07   | 0.0156  | 0.2352 |
| 33 | 10.2 | 10.1 | 3.1878 | 2.8034 | -0.001  | 5.9902 | 0.1499 | 0.0729 | 0.0159  | 0.2387 |
| 34 | 10.5 | 10.1 | 3.1886 | 2.8038 | -0.0009 | 5.9915 | 0.1488 | 0.0765 | 0.0165  | 0.2418 |
| 35 | 10.5 | 10.1 | 3.1894 | 2.8038 | -0.001  | 5.9922 | 0.1486 | 0.0805 | 0.014   | 0.243  |
| 36 | 10.7 | 10.2 | 3.1899 | 2.8035 | -0.0011 | 5.9923 | 0.1503 | 0.0812 | 0.0126  | 0.2441 |
| 37 | 10.3 | 10.2 | 3.1904 | 2.8036 | -0.0011 | 5.9929 | 0.1494 | 0.0806 | 0.0115  | 0.2415 |
| 38 | 10.4 | 10.2 | 3.1903 | 2.8036 | -0.0011 | 5.9928 | 0.1477 | 0.0775 | 0.0112  | 0.2364 |
| 39 | 10.3 | 10.3 | 3.1896 | 2.8032 | -0.0012 | 5.9916 | 0.1498 | 0.0776 | 0.0099  | 0.2373 |
| 40 | 10.4 | 10.3 | 3.1893 | 2.8033 | -0.0012 | 5.9914 | 0.1578 | 0.0753 | 0.0095  | 0.2426 |
| 41 | 10.2 | 10.3 | 3.1887 | 2.8033 | -0.0012 | 5.9907 | 0.155  | 0.0721 | 0.007   | 0.234  |
| 42 | 10.1 | 10.3 | 3.188  | 2.8031 | -0.0011 | 5.99   | 0.15   | 0.0704 | 0.006   | 0.2263 |
| 43 | 10.1 | 10.3 | 3.1879 | 2.8031 | -0.0011 | 5.9899 | 0.1484 | 0.072  | 0.0069  | 0.2272 |
| 44 | 10.1 | 10.3 | 3.1884 | 2.8033 | -0.0011 | 5.9907 | 0.1434 | 0.0724 | 0.0062  | 0.222  |
| 45 | 10.2 | 10.3 | 3.1896 | 2.8033 | -0.001  | 5.9918 | 0.1336 | 0.0764 | 0.0061  | 0.2161 |
| 46 | 10.2 | 10.2 | 3.1909 | 2.8031 | -0.0011 | 5.9928 | 0.1269 | 0.0775 | 0.0068  | 0.2111 |
| 47 | 10.4 | 10.2 | 3.1921 | 2.8034 | -0.0012 | 5.9943 | 0.123  | 0.0772 | 0.007   | 0.2073 |
| 48 | 10.8 | 10.2 | 3.1937 | 2.8034 | -0.0011 | 5.996  | 0.1205 | 0.0785 | 0.005   | 0.2041 |
| 49 | 10.3 | 10.2 | 3.196  | 2.8038 | -0.0011 | 5.9987 | 0.1114 | 0.0709 | 0.0039  | 0.1862 |
| 50 | 10.2 | 10.2 | 3.1971 | 2.804  | -0.001  | 6.0001 | 0.0978 | 0.0712 | 0.0037  | 0.1728 |
| 51 | 10.6 | 10.2 | 3.1981 | 2.8041 | -0.001  | 6.0012 | 0.0864 | 0.0715 | -0.0028 | 0.1551 |
| 52 | 9.92 | 10.3 | 3.1981 | 2.804  | -0.001  | 6.001  | 0.0629 | 0.0599 | -0.0051 | 0.1177 |
| 53 | 9.97 | 10.3 | 3.1982 | 2.8039 | -0.001  | 6.0011 | 0.0561 | 0.0564 | 0.0009  | 0.1134 |
| 54 | 9.93 | 10.3 | 3.1979 | 2.8041 | -0.0011 | 6.0009 | 0.0717 | 0.0681 | 0.0047  | 0.1446 |
| 55 | 10.2 | 10.4 | 3.1969 | 2.8039 | -0.0011 | 5.9996 | 0.0969 | 0.0685 | 0.0017  | 0.1671 |
| 56 | 9.88 | 10.5 | 3.1958 | 2.8039 | -0.0012 | 5.9985 | 0.1144 | 0.033  | -0.0013 | 0.1461 |
| 57 | 10   | 10.5 | 3.1944 | 2.8041 | -0.0014 | 5.9971 | 0.1246 | 0.0292 | 0.0019  | 0.1556 |
| 58 | 10.5 | 10.4 | 3.1933 | 2.8036 | -0.0014 | 5.9955 | 0.1291 | 0.0307 | 0.0026  | 0.1624 |
| 59 | 10.8 | 10.5 | 3.1916 | 2.8037 | -0.0012 | 5.9941 | 0.1195 | 0.032  | 0.0013  | 0.1528 |
| 60 | 10.3 | 10.5 | 3.1894 | 2.8036 | -0.0012 | 5.9918 | 0.1074 | 0.0316 | 0.0018  | 0.1408 |
| 61 | 10.8 | 10.4 | 3.1881 | 2.8038 | -0.0012 | 5.9907 | 0.1001 | 0.031  | 0.002   | 0.133  |
| 62 | 10.9 | 10.4 | 3.1869 | 2.8037 | -0.0011 | 5.9895 | 0.0919 | 0.029  | 0.0023  | 0.1232 |
| 63 | 10.8 | 10.4 | 3.1862 | 2.8035 | -0.001  | 5.9887 | 0.0876 | 0.0261 | 0.0023  | 0.116  |
| 64 | 11.1 | 10.4 | 3.1853 | 2.8033 | -0.0009 | 5.9877 | 0.083  | 0.0241 | 0.0008  | 0.1079 |
| 65 | 11.3 | 10.4 | 3.1844 | 2.8034 | -0.001  | 5.9868 | 0.0812 | 0.0237 | 0.0011  | 0.106  |

|     |      |      |        |        |         |        |        |        |        |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 66  | 10.6 | 10.3 | 3.1838 | 2.8033 | -0.001  | 5.9861 | 0.0812 | 0.0209 | 0.0028 | 0.1048 |
| 67  | 10.2 | 10.3 | 3.1842 | 2.8034 | -0.0009 | 5.9867 | 0.0816 | 0.0223 | 0.003  | 0.1069 |
| 68  | 10.9 | 10.2 | 3.1848 | 2.8035 | -0.001  | 5.9873 | 0.0868 | 0.025  | 0.004  | 0.1158 |
| 69  | 10.7 | 10.2 | 3.1846 | 2.8035 | -0.0011 | 5.987  | 0.0862 | 0.0214 | 0.0048 | 0.1125 |
| 70  | 9.73 | 10.2 | 3.1846 | 2.8034 | -0.0011 | 5.9869 | 0.0814 | 0.0247 | 0.005  | 0.1111 |
| 71  | 9.74 | 10.1 | 3.1846 | 2.8035 | -0.0012 | 5.9869 | 0.0819 | 0.0257 | 0.0057 | 0.1133 |
| 72  | 9.76 | 10   | 3.1842 | 2.8034 | -0.0013 | 5.9863 | 0.0811 | 0.0274 | 0.006  | 0.1146 |
| 73  | 9.65 | 9.96 | 3.1835 | 2.8035 | -0.0014 | 5.9856 | 0.0757 | 0.0296 | 0.006  | 0.1113 |
| 74  | 9.35 | 9.89 | 3.1823 | 2.8034 | -0.0014 | 5.9843 | 0.0674 | 0.032  | 0.0054 | 0.1047 |
| 75  | 9.58 | 9.8  | 3.1814 | 2.8034 | -0.0015 | 5.9833 | 0.0577 | 0.0341 | 0.005  | 0.0967 |
| 76  | 9.32 | 9.76 | 3.1809 | 2.8033 | -0.0016 | 5.9826 | 0.053  | 0.0393 | 0.0045 | 0.0967 |
| 77  | 9.12 | 9.76 | 3.1805 | 2.8033 | -0.0017 | 5.9821 | 0.049  | 0.0385 | 0.0021 | 0.0896 |
| 78  | 10.1 | 9.74 | 3.1805 | 2.8031 | -0.0019 | 5.9817 | 0.0452 | 0.0346 | 0.0018 | 0.0816 |
| 79  | 9.85 | 9.7  | 3.1802 | 2.8031 | -0.002  | 5.9813 | 0.0425 | 0.0325 | 0.002  | 0.077  |
| 80  | 9.4  | 9.7  | 3.1797 | 2.8028 | -0.002  | 5.9804 | 0.039  | 0.0303 | 0.0023 | 0.0716 |
| 81  | 9.37 | 9.7  | 3.1794 | 2.8026 | -0.0021 | 5.9799 | 0.0376 | 0.0261 | 0.0029 | 0.0666 |
| 82  | 9.4  | 9.68 | 3.1793 | 2.8023 | -0.0021 | 5.9794 | 0.0449 | 0.0269 | 0.0015 | 0.0733 |
| 83  | 9.72 | 9.66 | 3.1792 | 2.8019 | -0.0022 | 5.9789 | 0.0508 | 0.0232 | 0.0016 | 0.0757 |
| 84  | 9.68 | 9.64 | 3.1791 | 2.8015 | -0.002  | 5.9785 | 0.057  | 0.025  | 0.0035 | 0.0855 |
| 85  | 9.91 | 9.62 | 3.1788 | 2.8013 | -0.0019 | 5.9782 | 0.0764 | 0.0292 | 0.0042 | 0.1098 |
| 86  | 10.1 | 9.62 | 3.1787 | 2.8013 | -0.0018 | 5.9782 | 0.0903 | 0.0261 | 0.0034 | 0.1199 |
| 87  | 10.5 | 9.63 | 3.1787 | 2.8015 | -0.0018 | 5.9784 | 0.0972 | 0.0239 | 0.0023 | 0.1234 |
| 88  | 9.95 | 9.6  | 3.1784 | 2.8014 | -0.0017 | 5.9781 | 0.1043 | 0.0267 | 0.0019 | 0.1329 |
| 89  | 9.72 | 9.61 | 3.1775 | 2.8015 | -0.0017 | 5.9774 | 0.1058 | 0.0276 | 0.0012 | 0.1346 |
| 90  | 9.71 | 9.63 | 3.1776 | 2.8017 | -0.0015 | 5.9779 | 0.1024 | 0.0223 | 0.0016 | 0.1263 |
| 91  | 9.37 | 9.67 | 3.1779 | 2.8018 | -0.0014 | 5.9784 | 0.1044 | 0.024  | 0.0026 | 0.131  |
| 92  | 9.31 | 9.71 | 3.1779 | 2.8016 | -0.0015 | 5.9781 | 0.1017 | 0.0226 | 0.0027 | 0.127  |
| 93  | 8.99 | 9.74 | 3.1782 | 2.8015 | -0.0014 | 5.9783 | 0.0963 | 0.0191 | 0.0046 | 0.12   |
| 94  | 9.22 | 9.76 | 3.179  | 2.8011 | -0.0014 | 5.9787 | 0.0976 | 0.0188 | 0.005  | 0.1213 |
| 95  | 9.32 | 9.78 | 3.1795 | 2.8009 | -0.0015 | 5.9789 | 0.1056 | 0.0246 | 0.005  | 0.1352 |
| 96  | 9.36 | 9.79 | 3.1798 | 2.8008 | -0.0015 | 5.9791 | 0.1162 | 0.0256 | 0.0056 | 0.1474 |
| 97  | 9.5  | 9.75 | 3.1799 | 2.8006 | -0.0013 | 5.9792 | 0.1348 | 0.024  | 0.0057 | 0.1645 |
| 98  | 10   | 9.78 | 3.1807 | 2.8013 | -0.0012 | 5.9808 | 0.1517 | 0.03   | 0.005  | 0.1867 |
| 99  | 9.84 | 9.83 | 3.1819 | 2.8012 | -0.0012 | 5.9819 | 0.1687 | 0.0296 | 0.0061 | 0.2044 |
| 100 | 10.1 | 9.89 | 3.1829 | 2.8011 | -0.0011 | 5.9828 | 0.1894 | 0.036  | 0.0067 | 0.2321 |
| 101 | 10.1 | 9.96 | 3.1839 | 2.801  | -0.0012 | 5.9837 | 0.1983 | 0.0422 | 0.007  | 0.2475 |
| 102 | 10.2 | 10   | 3.1842 | 2.8011 | -0.0013 | 5.9839 | 0.2063 | 0.0448 | 0.007  | 0.258  |

|     |      |      |        |        |         |        |        |        |         |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|---------|--------|
| 103 | 10.2 | 10.1 | 3.1836 | 2.8011 | -0.0014 | 5.9833 | 0.2069 | 0.0408 | 0.0076  | 0.2553 |
| 104 | 10.3 | 10.1 | 3.1828 | 2.8014 | -0.0015 | 5.9827 | 0.2105 | 0.0394 | 0.0076  | 0.2575 |
| 105 | 10.3 | 10.2 | 3.182  | 2.8016 | -0.0014 | 5.9822 | 0.211  | 0.0439 | 0.007   | 0.262  |
| 106 | 9.77 | 10.2 | 3.1819 | 2.8013 | -0.0014 | 5.9818 | 0.2015 | 0.0397 | 0.0051  | 0.2463 |
| 107 | 10.5 | 10.2 | 3.1819 | 2.8013 | -0.0014 | 5.9818 | 0.1879 | 0.0402 | 0.0047  | 0.2328 |
| 108 | 10.6 | 10.2 | 3.183  | 2.8012 | -0.0014 | 5.9828 | 0.1706 | 0.043  | 0.0042  | 0.2178 |
| 109 | 10.9 | 10.3 | 3.1838 | 2.8012 | -0.0015 | 5.9836 | 0.1615 | 0.0355 | 0.004   | 0.2009 |
| 110 | 10.6 | 10.3 | 3.1838 | 2.8014 | -0.0014 | 5.9838 | 0.1532 | 0.0386 | 0.0071  | 0.1989 |
| 111 | 10.7 | 10.3 | 3.1836 | 2.8014 | -0.0014 | 5.9836 | 0.1354 | 0.0397 | 0.0095  | 0.1845 |
| 112 | 10.3 | 10.3 | 3.1834 | 2.8012 | -0.0016 | 5.9831 | 0.1312 | 0.0446 | 0.0106  | 0.1864 |
| 113 | 9.95 | 10.3 | 3.1835 | 2.8013 | -0.0015 | 5.9832 | 0.1227 | 0.0437 | 0.0103  | 0.1767 |
| 114 | 9.89 | 10.3 | 3.1829 | 2.8012 | -0.0015 | 5.9826 | 0.1177 | 0.0424 | 0.0122  | 0.1723 |
| 115 | 10.2 | 10.3 | 3.1821 | 2.8014 | -0.0016 | 5.9819 | 0.1121 | 0.0447 | 0.013   | 0.1697 |
| 116 | 10   | 10.3 | 3.1813 | 2.8011 | -0.0016 | 5.9808 | 0.1021 | 0.0506 | 0.0114  | 0.1641 |
| 117 | 10   | 10.3 | 3.1806 | 2.8009 | -0.0017 | 5.9798 | 0.099  | 0.0523 | 0.011   | 0.1623 |
| 118 | 10.2 | 10.3 | 3.1804 | 2.8008 | -0.0017 | 5.9796 | 0.1011 | 0.0539 | 0.0118  | 0.1669 |
| 119 | 10.6 | 10.3 | 3.1806 | 2.8004 | -0.0017 | 5.9793 | 0.1037 | 0.0577 | 0.0105  | 0.1719 |
| 120 | 10.5 | 10.3 | 3.1804 | 2.8001 | -0.0017 | 5.9789 | 0.1024 | 0.0541 | 0.008   | 0.1645 |
| 121 | 10.1 | 10.3 | 3.1803 | 2.8    | -0.0016 | 5.9786 | 0.1026 | 0.0512 | 0.0073  | 0.1612 |
| 122 | 9.88 | 10.3 | 3.1808 | 2.7998 | -0.0016 | 5.979  | 0.0994 | 0.0527 | 0.0057  | 0.1579 |
| 123 | 10.2 | 10.3 | 3.1814 | 2.7997 | -0.0015 | 5.9795 | 0.0866 | 0.0524 | 0.0046  | 0.1436 |
| 124 | 10.1 | 10.3 | 3.1819 | 2.7996 | -0.0015 | 5.98   | 0.0723 | 0.053  | 0.0032  | 0.1285 |
| 125 | 10.5 | 10.4 | 3.182  | 2.7996 | -0.0015 | 5.9801 | 0.0524 | 0.0496 | 0.0021  | 0.104  |
| 126 | 10.9 | 10.4 | 3.1825 | 2.7999 | -0.0013 | 5.981  | 0.0306 | 0.0489 | 0.0023  | 0.0817 |
| 127 | 10.8 | 10.4 | 3.183  | 2.8003 | -0.0012 | 5.9821 | 0.0178 | 0.0443 | 0.0003  | 0.0625 |
| 128 | 10.8 | 10.4 | 3.1838 | 2.8006 | -0.0012 | 5.9832 | 0.0145 | 0.0445 | -0.0001 | 0.0589 |
| 129 | 10.1 | 10.4 | 3.1842 | 2.8008 | -0.0012 | 5.9837 | 0.0172 | 0.041  | -0.003  | 0.0552 |
| 130 | 10.1 | 10.4 | 3.184  | 2.8007 | -0.0013 | 5.9834 | 0.0183 | 0.0425 | -0.0031 | 0.0578 |
| 131 | 10.4 | 10.4 | 3.1834 | 2.8008 | -0.0013 | 5.983  | 0.0132 | 0.0395 | -0.0022 | 0.0505 |
| 132 | 10.6 | 10.4 | 3.1828 | 2.801  | -0.0013 | 5.9825 | 0.01   | 0.0324 | -0.0043 | 0.0381 |
| 133 | 10.8 | 10.4 | 3.1821 | 2.8009 | -0.0014 | 5.9816 | 0.0114 | 0.023  | -0.0054 | 0.029  |
| 134 | 10.3 | 10.4 | 3.1809 | 2.8009 | -0.0013 | 5.9805 | 0.0146 | 0.0161 | -0.006  | 0.0247 |
| 135 | 10.5 | 10.4 | 3.1803 | 2.8012 | -0.0013 | 5.9802 | 0.0099 | 0.0098 | -0.0041 | 0.0157 |
| 136 | 10.6 | 10.4 | 3.1802 | 2.8011 | -0.0013 | 5.98   | 0.0008 | 0.0094 | -0.0009 | 0.0093 |
| 137 | 10.1 | 10.3 | 3.18   | 2.8009 | -0.0013 | 5.9796 | 0.0036 | 0.0121 | 0.0018  | 0.0176 |
| 138 | 10.7 | 10.3 | 3.1797 | 2.8008 | -0.0012 | 5.9794 | 0.016  | 0.0159 | 0.0027  | 0.0346 |
| 139 | 10.5 | 10.3 | 3.1794 | 2.801  | -0.0014 | 5.979  | 0.0204 | 0.0184 | 0.006   | 0.0448 |

|     |      |      |        |        |         |        |        |        |        |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 140 | 10.3 | 10.3 | 3.1788 | 2.8009 | -0.0015 | 5.9783 | 0.0168 | 0.0221 | 0.0072 | 0.046  |
| 141 | 10.4 | 10.3 | 3.1785 | 2.801  | -0.0014 | 5.978  | 0.0221 | 0.0308 | 0.011  | 0.064  |
| 142 | 10.1 | 10.3 | 3.1784 | 2.8012 | -0.0016 | 5.978  | 0.0289 | 0.0398 | 0.0117 | 0.0804 |
| 143 | 10   | 10.3 | 3.1782 | 2.8012 | -0.0016 | 5.9778 | 0.0307 | 0.0372 | 0.0097 | 0.0777 |
| 144 | 10.3 | 10.3 | 3.1779 | 2.8009 | -0.0016 | 5.9771 | 0.0334 | 0.0425 | 0.0083 | 0.0842 |
| 145 | 9.97 | 10.3 | 3.178  | 2.8007 | -0.0016 | 5.9771 | 0.0356 | 0.0469 | 0.0098 | 0.0923 |
| 146 | 9.98 | 10.2 | 3.1774 | 2.8007 | -0.0017 | 5.9764 | 0.0434 | 0.0497 | 0.0094 | 0.1026 |
| 147 | 10.4 | 10.3 | 3.1769 | 2.8004 | -0.0017 | 5.9756 | 0.0507 | 0.0482 | 0.0139 | 0.1127 |
| 148 | 10.5 | 10.2 | 3.1768 | 2.8005 | -0.0017 | 5.9756 | 0.0447 | 0.0456 | 0.0144 | 0.1047 |
| 149 | 10.2 | 10.2 | 3.1771 | 2.8002 | -0.0018 | 5.9755 | 0.0439 | 0.0528 | 0.0136 | 0.1103 |
| 150 | 10.3 | 10.2 | 3.1773 | 2.7998 | -0.0017 | 5.9754 | 0.0444 | 0.0539 | 0.0118 | 0.1101 |
| 151 | 10.2 | 10.2 | 3.1775 | 2.7996 | -0.0017 | 5.9754 | 0.0474 | 0.0487 | 0.0113 | 0.1075 |
| 152 | 10.1 | 10.2 | 3.1774 | 2.7999 | -0.0018 | 5.9755 | 0.0611 | 0.0477 | 0.0113 | 0.1201 |
| 153 | 10.2 | 10.2 | 3.1772 | 2.8    | -0.0018 | 5.9754 | 0.0657 | 0.058  | 0.011  | 0.1346 |
| 154 | 10.4 | 10.2 | 3.1768 | 2.7997 | -0.0018 | 5.9747 | 0.0596 | 0.0554 | 0.0104 | 0.1254 |
| 155 | 10.1 | 10.2 | 3.1767 | 2.7999 | -0.0016 | 5.975  | 0.0507 | 0.0587 | 0.0093 | 0.1186 |
| 156 | 10.5 | 10.2 | 3.177  | 2.7999 | -0.0017 | 5.9752 | 0.0469 | 0.0556 | 0.0088 | 0.1113 |
| 157 | 10.3 | 10.2 | 3.1773 | 2.7998 | -0.0018 | 5.9753 | 0.0523 | 0.0502 | 0.0088 | 0.1114 |
| 158 | 10.4 | 10.1 | 3.1771 | 2.8001 | -0.0018 | 5.9754 | 0.0518 | 0.0498 | 0.0083 | 0.1098 |
| 159 | 10.2 | 10.1 | 3.1763 | 2.7998 | -0.0019 | 5.9742 | 0.0567 | 0.0506 | 0.0097 | 0.117  |
| 160 | 10.1 | 10.1 | 3.1758 | 2.7997 | -0.0021 | 5.9733 | 0.066  | 0.0489 | 0.0102 | 0.1251 |
| 161 | 9.74 | 10.1 | 3.175  | 2.7993 | -0.0023 | 5.9721 | 0.0682 | 0.0508 | 0.011  | 0.13   |
| 162 | 10   | 10.1 | 3.1746 | 2.7994 | -0.0022 | 5.9718 | 0.0709 | 0.0544 | 0.0113 | 0.1366 |
| 163 | 10.2 | 10.1 | 3.1744 | 2.7992 | -0.0022 | 5.9715 | 0.0763 | 0.0505 | 0.0081 | 0.135  |
| 164 | 10   | 10   | 3.1741 | 2.7988 | -0.0022 | 5.9708 | 0.0812 | 0.0443 | 0.0082 | 0.1338 |
| 165 | 9.86 | 10   | 3.1742 | 2.7983 | -0.0021 | 5.9704 | 0.0719 | 0.0443 | 0.0112 | 0.1273 |
| 166 | 9.87 | 10   | 3.1739 | 2.7981 | -0.0021 | 5.9699 | 0.062  | 0.0486 | 0.0113 | 0.1219 |
| 167 | 10.1 | 10   | 3.1741 | 2.798  | -0.0021 | 5.97   | 0.0504 | 0.0474 | 0.0117 | 0.1095 |
| 168 | 9.76 | 10   | 3.1744 | 2.7977 | -0.002  | 5.9701 | 0.0417 | 0.052  | 0.0083 | 0.102  |
| 169 | 10.2 | 10   | 3.1744 | 2.7981 | -0.0019 | 5.9705 | 0.0403 | 0.0545 | 0.0053 | 0.1001 |
| 170 | 10.1 | 10   | 3.1744 | 2.7983 | -0.0018 | 5.9708 | 0.0438 | 0.0503 | 0.004  | 0.0981 |
| 171 | 9.63 | 10   | 3.1747 | 2.7983 | -0.0018 | 5.9711 | 0.0431 | 0.0447 | 0.0043 | 0.0921 |
| 172 | 9.6  | 10   | 3.1755 | 2.7982 | -0.0018 | 5.9719 | 0.041  | 0.0412 | 0.0056 | 0.0878 |
| 173 | 10.1 | 10   | 3.1763 | 2.7982 | -0.0017 | 5.9728 | 0.0418 | 0.0384 | 0.0045 | 0.0848 |
| 174 | 10.3 | 10   | 3.1771 | 2.7985 | -0.0016 | 5.9739 | 0.0384 | 0.0354 | 0.003  | 0.0767 |
| 175 | 10.2 | 10   | 3.1783 | 2.7985 | -0.0017 | 5.9751 | 0.0399 | 0.0324 | 0.0021 | 0.0744 |
| 176 | 10.2 | 10.1 | 3.1791 | 2.7989 | -0.0016 | 5.9764 | 0.039  | 0.026  | 0.001  | 0.066  |

|     |      |      |        |        |         |        |         |        |         |         |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|---------|
| 177 | 9.94 | 10.1 | 3.1791 | 2.7988 | -0.0017 | 5.9762 | 0.0393  | 0.0311 | 0.0038  | 0.0742  |
| 178 | 10.1 | 10.1 | 3.1788 | 2.799  | -0.0016 | 5.9762 | 0.0415  | 0.0285 | 0.0042  | 0.0743  |
| 179 | 10.2 | 10.1 | 3.1784 | 2.7988 | -0.0017 | 5.9755 | 0.049   | 0.0285 | 0.005   | 0.0825  |
| 180 | 10.1 | 10.2 | 3.1783 | 2.7988 | -0.0018 | 5.9754 | 0.0503  | 0.0259 | 0.0047  | 0.0808  |
| 181 | 10.2 | 10.2 | 3.1784 | 2.7993 | -0.0017 | 5.9761 | 0.0466  | 0.0201 | 0.004   | 0.0707  |
| 182 | 10.1 | 10.3 | 3.1781 | 2.8    | -0.0016 | 5.9765 | 0.038   | 0.0195 | 0.0039  | 0.0615  |
| 183 | 10.1 | 10.3 | 3.1777 | 2.8003 | -0.0016 | 5.9764 | 0.0267  | 0.0196 | 0.0034  | 0.0497  |
| 184 | 10   | 10.3 | 3.1781 | 2.8005 | -0.0016 | 5.977  | 0.0115  | 0.0154 | 0.0023  | 0.0292  |
| 185 | 10.3 | 10.3 | 3.1787 | 2.8004 | -0.0018 | 5.9773 | -0.0192 | 0.0173 | 0.0028  | 0.0009  |
| 186 | 10.1 | 10.3 | 3.1783 | 2.8001 | -0.002  | 5.9764 | -0.036  | 0.0207 | 0.0039  | -0.0113 |
| 187 | 10.7 | 10.3 | 3.1771 | 2.7999 | -0.0021 | 5.9749 | -0.045  | 0.02   | 0.003   | -0.022  |
| 188 | 10.6 | 10.3 | 3.1763 | 2.7996 | -0.0023 | 5.9736 | -0.0425 | 0.0201 | 0.0032  | -0.0191 |
| 189 | 10.6 | 10.3 | 3.1758 | 2.7993 | -0.0024 | 5.9728 | -0.0387 | 0.0212 | 0.005   | -0.0125 |
| 190 | 10.4 | 10.3 | 3.1754 | 2.7987 | -0.0026 | 5.9715 | -0.0378 | 0.0227 | 0.0044  | -0.0106 |
| 191 | 10.8 | 10.3 | 3.175  | 2.7979 | -0.0025 | 5.9703 | -0.0377 | 0.0222 | 0.0038  | -0.0116 |
| 192 | 10.6 | 10.3 | 3.1748 | 2.7979 | -0.0024 | 5.9703 | -0.0364 | 0.0199 | 0.004   | -0.0125 |
| 193 | 10.5 | 10.4 | 3.1749 | 2.7972 | -0.0022 | 5.9699 | -0.0336 | 0.0219 | 0.0024  | -0.0094 |
| 194 | 10.5 | 10.4 | 3.1755 | 2.7964 | -0.0024 | 5.9694 | -0.0314 | 0.026  | 0.0013  | -0.0042 |
| 195 | 9.99 | 10.4 | 3.1752 | 2.7959 | -0.0024 | 5.9687 | -0.0308 | 0.023  | 0.0019  | -0.006  |
| 196 | 10.3 | 10.4 | 3.1747 | 2.796  | -0.0029 | 5.9678 | -0.0235 | 0.0182 | 0.002   | -0.0032 |
| 197 | 9.94 | 10.4 | 3.1754 | 2.7961 | -0.0027 | 5.9687 | -0.026  | 0.0151 | 0.0021  | -0.0088 |
| 198 | 10.2 | 10.4 | 3.1763 | 2.796  | -0.0026 | 5.9697 | -0.03   | 0.0157 | 0.003   | -0.0113 |
| 199 | 10.2 | 10.4 | 3.1775 | 2.7958 | -0.0024 | 5.9709 | -0.0298 | 0.0198 | 0.003   | -0.007  |
| 200 | 10.1 | 10.4 | 3.1781 | 2.7962 | -0.0023 | 5.972  | -0.0298 | 0.0177 | 0.003   | -0.0092 |
| 201 | 10.2 | 10.4 | 3.1778 | 2.7962 | -0.0024 | 5.9717 | -0.0297 | 0.0157 | 0.0025  | -0.0114 |
| 202 | 10.7 | 10.4 | 3.1776 | 2.7953 | -0.0024 | 5.9705 | -0.0263 | 0.0165 | 0.002   | -0.0079 |
| 203 | 10.3 | 10.4 | 3.1776 | 2.7955 | -0.0024 | 5.9707 | -0.0229 | 0.0183 | 0.0007  | -0.004  |
| 204 | 10.9 | 10.4 | 3.1777 | 2.7955 | -0.0024 | 5.9708 | -0.0196 | 0.019  | -0.0008 | -0.0014 |
| 205 | 10.6 | 10.4 | 3.1773 | 2.796  | -0.0023 | 5.9711 | -0.0242 | 0.0199 | -0.001  | -0.0053 |
| 206 | 10.6 | 10.3 | 3.1767 | 2.7962 | -0.0023 | 5.9706 | -0.0307 | 0.0229 | 0.0009  | -0.0069 |
| 207 | 10.5 | 10.3 | 3.1767 | 2.7963 | -0.0022 | 5.9708 | -0.035  | 0.0241 | 0       | -0.0109 |
| 208 | 10.7 | 10.3 | 3.1773 | 2.7961 | -0.0024 | 5.9711 | -0.0358 | 0.0275 | 0       | -0.0083 |
| 209 | 10.8 | 10.3 | 3.1772 | 2.7963 | -0.0025 | 5.971  | -0.0457 | 0.0284 | -0.0003 | -0.0176 |
| 210 | 10.8 | 10.3 | 3.177  | 2.7963 | -0.0025 | 5.9708 | -0.0643 | 0.0244 | -0.0021 | -0.0421 |
| 211 | 10.6 | 10.3 | 3.1766 | 2.7959 | -0.0026 | 5.9699 | -0.0757 | 0.0231 | -0.0036 | -0.0562 |
| 212 | 10.1 | 10.2 | 3.1758 | 2.7962 | -0.0024 | 5.9696 | -0.0839 | 0.0227 | -0.003  | -0.0643 |
| 213 | 9.58 | 10.2 | 3.1753 | 2.7968 | -0.0023 | 5.9699 | -0.0803 | 0.0227 | -0.0023 | -0.0599 |

|     |      |      |        |        |         |        |         |         |         |         |
|-----|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 214 | 10   | 10.2 | 3.1757 | 2.7968 | -0.0026 | 5.9699 | -0.0757 | 0.0196  | -0.0044 | -0.0605 |
| 215 | 9.79 | 10.2 | 3.1759 | 2.7965 | -0.0027 | 5.9697 | -0.0804 | 0.0136  | -0.0068 | -0.0735 |
| 216 | 9.87 | 10.2 | 3.1762 | 2.7964 | -0.0028 | 5.9699 | -0.081  | 0.0051  | -0.006  | -0.0819 |
| 217 | 9.98 | 10.1 | 3.1764 | 2.7957 | -0.0025 | 5.9696 | -0.0798 | 0.001   | -0.004  | -0.0828 |
| 218 | 9.74 | 10.1 | 3.1764 | 2.7954 | -0.0022 | 5.9696 | -0.0753 | 0.0001  | -0.0042 | -0.0794 |
| 219 | 9.85 | 10.1 | 3.1762 | 2.7954 | -0.0021 | 5.9695 | -0.066  | -0.0023 | -0.0041 | -0.0724 |
| 220 | 9.99 | 10.1 | 3.1761 | 2.7957 | -0.0021 | 5.9697 | -0.0601 | 0.0008  | -0.002  | -0.0613 |
| 221 | 10   | 10.1 | 3.1762 | 2.7958 | -0.0022 | 5.9699 | -0.0599 | 0.0068  | -0.0015 | -0.0546 |
| 222 | 10.4 | 10.2 | 3.1766 | 2.7959 | -0.0021 | 5.9705 | -0.057  | 0.0077  | -0.0005 | -0.0497 |
| 223 | 10.1 | 10.2 | 3.1775 | 2.7962 | -0.0018 | 5.9719 | -0.0472 | 0.0066  | 0       | -0.0406 |
| 224 | 10.1 | 10.3 | 3.1779 | 2.7964 | -0.0017 | 5.9726 | -0.0372 | 0.0076  | 0.0014  | -0.0282 |
| 225 | 10.1 | 10.3 | 3.1781 | 2.797  | -0.0016 | 5.9735 | -0.0297 | 0.0115  | 0.0023  | -0.0159 |
| 226 | 10.3 | 10.3 | 3.1785 | 2.7968 | -0.0017 | 5.9736 | -0.0156 | 0.0114  | -0.0004 | -0.0046 |
| 227 | 10.6 | 10.4 | 3.1789 | 2.7975 | -0.0016 | 5.9747 | -0.0085 | 0.0133  | -0.0017 | 0.0032  |
| 228 | 10.8 | 10.4 | 3.1789 | 2.7978 | -0.0017 | 5.975  | -0.0117 | 0.0108  | -0.0036 | -0.0045 |
| 229 | 10.7 | 10.5 | 3.1792 | 2.7982 | -0.0017 | 5.9757 | -0.016  | 0.0111  | -0.0039 | -0.0087 |
| 230 | 10.6 | 10.5 | 3.1794 | 2.7987 | -0.0017 | 5.9764 | -0.0218 | 0.0065  | -0.0049 | -0.0202 |
| 231 | 10.4 | 10.6 | 3.1796 | 2.7988 | -0.0016 | 5.9768 | -0.0368 | 0.0053  | -0.006  | -0.0375 |
| 232 | 10.7 | 10.6 | 3.1801 | 2.7991 | -0.0016 | 5.9775 | -0.0522 | 0.0084  | -0.0037 | -0.0475 |
| 233 | 10.9 | 10.6 | 3.181  | 2.7993 | -0.0016 | 5.9787 | -0.0655 | 0.0148  | -0.004  | -0.0547 |
| 234 | 10.7 | 10.6 | 3.1829 | 2.7992 | -0.0016 | 5.9804 | -0.0784 | 0.0209  | -0.0039 | -0.0615 |
| 235 | 10.7 | 10.6 | 3.1839 | 2.7991 | -0.0017 | 5.9813 | -0.0812 | 0.0239  | -0.0032 | -0.0605 |
| 236 | 10.8 | 10.6 | 3.1847 | 2.7991 | -0.0016 | 5.9822 | -0.0738 | 0.0234  | -0.0058 | -0.0562 |
| 237 | 10.8 | 10.6 | 3.1842 | 2.7989 | -0.0016 | 5.9815 | -0.0739 | 0.021   | -0.0076 | -0.0606 |
| 238 | 10.7 | 10.6 | 3.1836 | 2.7987 | -0.0017 | 5.9806 | -0.0884 | 0.0176  | -0.01   | -0.0809 |
| 239 | 10.5 | 10.6 | 3.1831 | 2.7987 | -0.0018 | 5.98   | -0.1007 | 0.0144  | -0.0127 | -0.099  |
| 240 | 10.8 | 10.6 | 3.1826 | 2.7987 | -0.0018 | 5.9794 | -0.1078 | 0.01    | -0.0129 | -0.1107 |
| 241 | 10.5 | 10.6 | 3.1821 | 2.799  | -0.0018 | 5.9793 | -0.1122 | 0.0038  | -0.0145 | -0.1229 |
| 242 | 10.5 | 10.6 | 3.1817 | 2.799  | -0.0018 | 5.9789 | -0.1159 | -0.0063 | -0.0144 | -0.1365 |
| 243 | 10.2 | 10.5 | 3.1813 | 2.7986 | -0.0017 | 5.9782 | -0.1177 | -0.0074 | -0.013  | -0.1381 |
| 244 | 10.6 | 10.5 | 3.1809 | 2.7986 | -0.0018 | 5.9777 | -0.117  | -0.0147 | -0.01   | -0.1417 |
| 245 | 10.5 | 10.5 | 3.1803 | 2.7989 | -0.0018 | 5.9774 | -0.1101 | -0.0244 | -0.0098 | -0.1444 |
| 246 | 10.7 | 10.5 | 3.18   | 2.7992 | -0.0019 | 5.9773 | -0.1059 | -0.029  | -0.0102 | -0.1451 |
| 247 | 10.2 | 10.5 | 3.1799 | 2.7988 | -0.002  | 5.9767 | -0.11   | -0.028  | -0.0125 | -0.1505 |
| 248 | 10.6 | 10.5 | 3.1798 | 2.7985 | -0.002  | 5.9763 | -0.0976 | -0.0256 | -0.0099 | -0.133  |
| 249 | 10.4 | 10.5 | 3.18   | 2.7984 | -0.0021 | 5.9764 | -0.0847 | -0.0233 | -0.0076 | -0.1156 |
| 250 | 10.5 | 10.5 | 3.1803 | 2.7982 | -0.002  | 5.9765 | -0.0689 | -0.0241 | -0.0052 | -0.0982 |



|     |      |      |        |        |         |        |         |         |         |         |
|-----|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 251 | 10.4 | 10.5 | 3.1801 | 2.798  | -0.0019 | 5.9761 | -0.0562 | -0.0202 | -0.0038 | -0.0803 |
| 252 | 10.4 | 10.5 | 3.1797 | 2.7981 | -0.0018 | 5.9759 | -0.0515 | -0.0203 | -0.0057 | -0.0775 |
| 253 | 10.4 | 10.5 | 3.1791 | 2.7981 | -0.0017 | 5.9755 | -0.053  | -0.0324 | -0.006  | -0.0914 |
| 254 | 10.4 | 10.5 | 3.1793 | 2.7977 | -0.0017 | 5.9752 | -0.0464 | -0.0298 | -0.0077 | -0.0838 |
| 255 | 10.6 | 10.5 | 3.1798 | 2.7976 | -0.0017 | 5.9757 | -0.0358 | -0.0307 | -0.0087 | -0.0752 |
| 256 | 10.6 | 10.5 | 3.1805 | 2.7975 | -0.0017 | 5.9763 | -0.0307 | -0.0264 | -0.008  | -0.0651 |
| 257 | 10.9 | 10.5 | 3.1809 | 2.797  | -0.0018 | 5.9761 | -0.0322 | -0.0239 | -0.0078 | -0.0638 |
| 258 | 10.9 | 10.5 | 3.1817 | 2.7973 | -0.0018 | 5.9772 | -0.0284 | -0.0221 | -0.007  | -0.0575 |
| 259 | 10.2 | 10.5 | 3.1828 | 2.7974 | -0.0017 | 5.9785 | -0.0193 | -0.0248 | -0.0076 | -0.0517 |
| 260 | 10.2 | 10.5 | 3.1834 | 2.7974 | -0.0018 | 5.9789 | -0.0219 | -0.0235 | -0.008  | -0.0535 |
| 261 | 10.5 | 10.5 | 3.1834 | 2.7971 | -0.002  | 5.9785 | -0.0207 | -0.0247 | -0.008  | -0.0534 |
| 262 | 10.7 | 10.5 | 3.1827 | 2.7971 | -0.0019 | 5.9778 | -0.0237 | -0.0265 | -0.0087 | -0.059  |
| 263 | 10.5 | 10.5 | 3.182  | 2.7973 | -0.0017 | 5.9775 | -0.0307 | -0.0213 | -0.0072 | -0.0592 |
| 264 | 10.8 | 10.5 | 3.1822 | 2.7975 | -0.0015 | 5.9781 | -0.0342 | -0.0146 | -0.007  | -0.0558 |
| 265 | 9.83 | 10.6 | 3.1823 | 2.7978 | -0.0015 | 5.9786 | -0.0299 | -0.0146 | -0.0095 | -0.054  |
| 266 | 10.3 | 10.6 | 3.1819 | 2.798  | -0.0017 | 5.9782 | -0.027  | -0.0148 | -0.0105 | -0.0523 |
| 267 | 10.5 | 10.6 | 3.1816 | 2.798  | -0.0017 | 5.9779 | -0.0258 | -0.0151 | -0.0126 | -0.0536 |
| 268 | 10.6 | 10.6 | 3.181  | 2.798  | -0.0016 | 5.9773 | -0.0402 | -0.022  | -0.0093 | -0.0715 |
| 269 | 10.2 | 10.7 | 3.1804 | 2.798  | -0.0017 | 5.9767 | -0.042  | -0.0273 | -0.0079 | -0.0772 |
| 270 | 10.2 | 10.7 | 3.1803 | 2.7976 | -0.0017 | 5.9763 | -0.0403 | -0.0286 | -0.007  | -0.0759 |
| 271 | 10.6 | 10.7 | 3.1803 | 2.7975 | -0.0018 | 5.9761 | -0.0357 | -0.0254 | -0.0065 | -0.0676 |
| 272 | 11.1 | 10.7 | 3.1802 | 2.7975 | -0.0018 | 5.976  | -0.0265 | -0.0233 | -0.0059 | -0.0558 |
| 273 | 11.2 | 10.7 | 3.18   | 2.7974 | -0.0019 | 5.9756 | -0.0122 | -0.0228 | -0.0035 | -0.0386 |
| 274 | 11.2 | 10.7 | 3.18   | 2.7973 | -0.0018 | 5.9755 | 0.0035  | -0.0184 | -0.0014 | -0.0163 |
| 275 | 11.2 | 10.8 | 3.1799 | 2.7974 | -0.0017 | 5.9756 | 0.0096  | -0.0171 | -0.0001 | -0.0076 |
| 276 | 11.5 | 10.8 | 3.18   | 2.7976 | -0.0014 | 5.9761 | 0.0136  | -0.011  | 0.0002  | 0.0028  |
| 277 | 10.9 | 10.8 | 3.1803 | 2.7978 | -0.0013 | 5.9767 | 0.0133  | -0.0152 | -0.0015 | -0.0035 |
| 278 | 10.5 | 10.8 | 3.1804 | 2.7979 | -0.0012 | 5.9771 | 0.0148  | -0.0069 | -0.0007 | 0.0072  |
| 279 | 10.5 | 10.8 | 3.1806 | 2.7982 | -0.0012 | 5.9775 | 0.0155  | -0.0001 | -0.0014 | 0.014   |
| 280 | 10.4 | 10.8 | 3.182  | 2.7983 | -0.0012 | 5.9791 | 0.0153  | 0.0059  | -0.0018 | 0.0194  |
| 281 | 10.7 | 10.8 | 3.1837 | 2.7985 | -0.0013 | 5.9809 | 0.0109  | 0.011   | -0.0009 | 0.021   |
| 282 | 11.3 | 10.8 | 3.1847 | 2.7985 | -0.0012 | 5.9819 | 0.0199  | 0.0134  | 0.0005  | 0.0338  |
| 283 | 10.9 | 10.8 | 3.1856 | 2.7982 | -0.0012 | 5.9826 | 0.0257  | 0.0164  | 0.001   | 0.0431  |
| 284 | 10.8 | 10.8 | 3.1862 | 2.7981 | -0.0013 | 5.983  | 0.0305  | 0.0181  | 0.0003  | 0.0489  |
| 285 | 10.8 | 10.8 | 3.1861 | 2.798  | -0.0012 | 5.9829 | 0.047   | 0.0166  | 0.0011  | 0.0647  |
| 286 | 11.1 | 10.7 | 3.1857 | 2.798  | -0.0012 | 5.9825 | 0.0574  | 0.0182  | 0.0015  | 0.0771  |
| 287 | 10.3 | 10.7 | 3.1859 | 2.7981 | -0.0011 | 5.983  | 0.0633  | 0.0214  | 0.0033  | 0.088   |

|     |      |      |        |        |         |        |        |        |         |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|---------|--------|
| 288 | 10.4 | 10.7 | 3.1864 | 2.7981 | -0.001  | 5.9835 | 0.0532 | 0.0228 | 0.004   | 0.08   |
| 289 | 10.6 | 10.7 | 3.1866 | 2.7983 | -0.0011 | 5.9838 | 0.0413 | 0.0212 | 0.0038  | 0.0662 |
| 290 | 10.7 | 10.7 | 3.1866 | 2.7983 | -0.0011 | 5.9838 | 0.0399 | 0.0192 | 0.003   | 0.0621 |
| 291 | 10.8 | 10.6 | 3.1866 | 2.7985 | -0.0011 | 5.984  | 0.0341 | 0.018  | 0.0011  | 0.0532 |
| 292 | 10.9 | 10.6 | 3.1866 | 2.7986 | -0.0011 | 5.9841 | 0.0283 | 0.0222 | 0       | 0.0505 |
| 293 | 10.9 | 10.6 | 3.1866 | 2.7987 | -0.0012 | 5.9841 | 0.0246 | 0.0219 | -0.0004 | 0.0462 |
| 294 | 10.6 | 10.5 | 3.1865 | 2.7988 | -0.0014 | 5.9839 | 0.0228 | 0.016  | -0.0005 | 0.0383 |
| 295 | 10.4 | 10.5 | 3.1858 | 2.7988 | -0.0014 | 5.9832 | 0.0218 | 0.0131 | -0.002  | 0.0329 |
| 296 | 10.7 | 10.5 | 3.1857 | 2.7988 | -0.0016 | 5.9829 | 0.0182 | 0.0178 | -0.003  | 0.033  |
| 297 | 10.5 | 10.5 | 3.1852 | 2.7986 | -0.0018 | 5.982  | 0.0132 | 0.0191 | -0.0041 | 0.0283 |
| 298 | 10.5 | 10.5 | 3.1847 | 2.7983 | -0.0018 | 5.9813 | 0.0126 | 0.0161 | -0.005  | 0.0237 |
| 299 | 10.3 | 10.6 | 3.1844 | 2.7982 | -0.0018 | 5.9807 | 0.0134 | 0.0133 | -0.0058 | 0.0209 |
| 300 | 9.91 | 10.6 | 3.1837 | 2.7982 | -0.0019 | 5.9801 | 0.0165 | 0.0134 | -0.0062 | 0.0236 |
| 301 | 10.1 | 10.6 | 3.183  | 2.7982 | -0.0018 | 5.9794 | 0.0207 | 0.0103 | -0.0048 | 0.0261 |
| 302 | 10.4 | 10.6 | 3.1829 | 2.7985 | -0.0018 | 5.9796 | 0.025  | 0.0054 | -0.005  | 0.0254 |
| 303 | 10.5 | 10.6 | 3.1822 | 2.7985 | -0.0016 | 5.9791 | 0.0259 | 0.0058 | -0.0043 | 0.0274 |
| 304 | 10.8 | 10.6 | 3.1813 | 2.7986 | -0.0015 | 5.9783 | 0.0239 | 0.0079 | -0.0023 | 0.0295 |
| 305 | 10.8 | 10.7 | 3.1804 | 2.7987 | -0.0015 | 5.9776 | 0.028  | 0.0086 | -0.0004 | 0.0363 |
| 306 | 10.5 | 10.7 | 3.1799 | 2.7986 | -0.0015 | 5.977  | 0.0379 | 0.0152 | 0       | 0.0531 |
| 307 | 10.5 | 10.7 | 3.1796 | 2.7985 | -0.0015 | 5.9766 | 0.0499 | 0.0162 | -0.0017 | 0.0644 |
| 308 | 10.8 | 10.8 | 3.1792 | 2.7986 | -0.0016 | 5.9762 | 0.0543 | 0.0113 | -0.0027 | 0.0629 |
| 309 | 10.9 | 10.8 | 3.1794 | 2.7987 | -0.0017 | 5.9764 | 0.057  | 0.0144 | -0.0007 | 0.0706 |
| 310 | 10.9 | 10.9 | 3.1791 | 2.7988 | -0.0017 | 5.9761 | 0.0595 | 0.0179 | -0.0001 | 0.0773 |
| 311 | 11   | 10.9 | 3.1789 | 2.7986 | -0.0017 | 5.9758 | 0.0658 | 0.0166 | -0.0019 | 0.0805 |
| 312 | 11.3 | 10.9 | 3.1788 | 2.7983 | -0.0016 | 5.9755 | 0.0675 | 0.0163 | -0.0027 | 0.0811 |
| 313 | 11.5 | 10.9 | 3.1788 | 2.7983 | -0.0016 | 5.9754 | 0.0606 | 0.0213 | -0.0002 | 0.0817 |
| 314 | 11.6 | 10.9 | 3.1787 | 2.7983 | -0.0016 | 5.9753 | 0.0582 | 0.0242 | 0.0031  | 0.0855 |
| 315 | 11.2 | 10.8 | 3.1786 | 2.798  | -0.0017 | 5.9749 | 0.0662 | 0.028  | 0.0067  | 0.1009 |
| 316 | 10.6 | 10.9 | 3.1788 | 2.7979 | -0.0015 | 5.9752 | 0.0723 | 0.0333 | 0.0083  | 0.1139 |
| 317 | 11   | 10.9 | 3.1804 | 2.7979 | -0.0016 | 5.9767 | 0.0686 | 0.0334 | 0.0078  | 0.1097 |
| 318 | 11.1 | 10.9 | 3.1806 | 2.7981 | -0.0014 | 5.9773 | 0.0642 | 0.0299 | 0.0122  | 0.1062 |
| 319 | 10.7 | 10.9 | 3.1802 | 2.7983 | -0.0014 | 5.9771 | 0.0598 | 0.0349 | 0.0127  | 0.1074 |
| 320 | 10.4 | 10.9 | 3.1797 | 2.7982 | -0.0014 | 5.9764 | 0.0552 | 0.0368 | 0.0112  | 0.1032 |
| 321 | 10.5 | 10.9 | 3.1788 | 2.7982 | -0.0016 | 5.9754 | 0.0517 | 0.0302 | 0.0091  | 0.0909 |
| 322 | 10.7 | 10.9 | 3.1778 | 2.7982 | -0.0017 | 5.9744 | 0.048  | 0.0265 | 0.0065  | 0.081  |
| 323 | 10.5 | 10.8 | 3.1772 | 2.798  | -0.0017 | 5.9735 | 0.041  | 0.0264 | 0.005   | 0.0725 |
| 324 | 10.2 | 10.8 | 3.1769 | 2.7981 | -0.0017 | 5.9733 | 0.0286 | 0.0266 | 0.0044  | 0.0596 |

|     |      |      |        |        |         |        |        |        |         |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|---------|--------|
| 325 | 11.1 | 10.7 | 3.1767 | 2.7981 | -0.0016 | 5.9732 | 0.0193 | 0.029  | 0.0046  | 0.0529 |
| 326 | 11   | 10.8 | 3.1772 | 2.7983 | -0.0015 | 5.974  | 0.0093 | 0.0269 | 0.0055  | 0.0417 |
| 327 | 10.8 | 10.7 | 3.1774 | 2.7982 | -0.0015 | 5.974  | 0.0104 | 0.031  | 0.0075  | 0.0489 |
| 328 | 10.7 | 10.7 | 3.1773 | 2.7978 | -0.0016 | 5.9736 | 0.0149 | 0.033  | 0.0102  | 0.0581 |
| 329 | 10.7 | 10.6 | 3.1776 | 2.7976 | -0.0015 | 5.9737 | 0.0206 | 0.0339 | 0.0119  | 0.0663 |
| 330 | 11   | 10.6 | 3.1783 | 2.7976 | -0.0016 | 5.9743 | 0.0262 | 0.0374 | 0.0116  | 0.0752 |
| 331 | 10.9 | 10.6 | 3.1776 | 2.7975 | -0.0017 | 5.9734 | 0.0395 | 0.0402 | 0.011   | 0.0907 |
| 332 | 10.9 | 10.5 | 3.1775 | 2.7974 | -0.0017 | 5.9732 | 0.0512 | 0.0432 | 0.0103  | 0.1046 |
| 333 | 10.6 | 10.5 | 3.1779 | 2.7975 | -0.0016 | 5.9738 | 0.0656 | 0.0447 | 0.013   | 0.1233 |
| 334 | 10.7 | 10.5 | 3.1782 | 2.7975 | -0.0017 | 5.9739 | 0.0783 | 0.041  | 0.0146  | 0.1339 |
| 335 | 10.7 | 10.4 | 3.1782 | 2.7973 | -0.0018 | 5.9736 | 0.0864 | 0.0414 | 0.0135  | 0.1413 |
| 336 | 10.4 | 10.3 | 3.1784 | 2.797  | -0.0019 | 5.9734 | 0.0863 | 0.0386 | 0.0143  | 0.1392 |
| 337 | 10   | 10.3 | 3.1789 | 2.7966 | -0.002  | 5.9735 | 0.0841 | 0.0359 | 0.0129  | 0.133  |
| 338 | 10.1 | 10.3 | 3.1795 | 2.7966 | -0.0021 | 5.974  | 0.0867 | 0.0382 | 0.0123  | 0.1372 |
| 339 | 10.5 | 10.3 | 3.1791 | 2.7968 | -0.0021 | 5.9738 | 0.0884 | 0.0402 | 0.0127  | 0.1413 |
| 340 | 9.75 | 10.2 | 3.1792 | 2.7969 | -0.002  | 5.9741 | 0.0862 | 0.0413 | 0.012   | 0.1395 |
| 341 | 9.77 | 10.2 | 3.1793 | 2.7968 | -0.0018 | 5.9743 | 0.0868 | 0.0443 | 0.012   | 0.1431 |
| 342 | 10   | 10.2 | 3.1793 | 2.7968 | -0.0018 | 5.9743 | 0.087  | 0.0455 | 0.0106  | 0.1431 |
| 343 | 9.81 | 10.2 | 3.179  | 2.797  | -0.0017 | 5.9744 | 0.0881 | 0.0486 | 0.0091  | 0.1459 |
| 344 | 9.25 | 10.2 | 3.1788 | 2.7973 | -0.0016 | 5.9745 | 0.0888 | 0.0498 | 0.0072  | 0.1459 |
| 345 | 9.6  | 10.2 | 3.1785 | 2.7971 | -0.0015 | 5.9741 | 0.0877 | 0.0475 | 0.0041  | 0.1393 |
| 346 | 10.1 | 10.2 | 3.1787 | 2.7973 | -0.0015 | 5.9744 | 0.0798 | 0.0434 | 0.0022  | 0.1254 |
| 347 | 10.5 | 10.2 | 3.1786 | 2.7972 | -0.0015 | 5.9744 | 0.074  | 0.04   | 0.0006  | 0.1147 |
| 348 | 10.3 | 10.3 | 3.1785 | 2.7971 | -0.0014 | 5.9742 | 0.068  | 0.0314 | 0.001   | 0.1004 |
| 349 | 10.3 | 10.3 | 3.1784 | 2.7971 | -0.0014 | 5.9741 | 0.0635 | 0.0288 | 0.0017  | 0.094  |
| 350 | 10.7 | 10.3 | 3.1782 | 2.7972 | -0.0015 | 5.9739 | 0.0608 | 0.0274 | 0.0005  | 0.0887 |
| 351 | 10.7 | 10.4 | 3.1776 | 2.7974 | -0.0014 | 5.9736 | 0.0588 | 0.0283 | -0.0003 | 0.0868 |
| 352 | 10.8 | 10.4 | 3.1771 | 2.7975 | -0.0014 | 5.9732 | 0.0568 | 0.0297 | 0.0013  | 0.0878 |
| 353 | 11.2 | 10.4 | 3.1767 | 2.7973 | -0.0015 | 5.9725 | 0.0587 | 0.0311 | 0.0022  | 0.0919 |
| 354 | 10.8 | 10.5 | 3.1765 | 2.7968 | -0.0017 | 5.9716 | 0.0554 | 0.0321 | 0.0046  | 0.0921 |
| 355 | 10.3 | 10.5 | 3.176  | 2.7961 | -0.0017 | 5.9704 | 0.0485 | 0.0345 | 0.0039  | 0.0869 |
| 356 | 10.2 | 10.6 | 3.1755 | 2.7959 | -0.0015 | 5.9698 | 0.0416 | 0.0319 | 0.0033  | 0.0768 |
| 357 | 10.4 | 10.6 | 3.1755 | 2.7959 | -0.0015 | 5.9698 | 0.0362 | 0.032  | 0.0036  | 0.0718 |
| 358 | 10.6 | 10.6 | 3.176  | 2.7958 | -0.0017 | 5.9701 | 0.0318 | 0.0314 | 0.0029  | 0.0661 |
| 359 | 10.7 | 10.6 | 3.1768 | 2.7956 | -0.0017 | 5.9707 | 0.0262 | 0.0317 | 0.0011  | 0.059  |
| 360 | 10.7 | 10.7 | 3.1768 | 2.7957 | -0.0016 | 5.9709 | 0.0247 | 0.0344 | 0.0009  | 0.06   |
| 361 | 10.6 | 10.7 | 3.1766 | 2.7954 | -0.0017 | 5.9704 | 0.0195 | 0.0378 | 0       | 0.0574 |

|     |      |      |        |        |         |        |         |        |        |        |
|-----|------|------|--------|--------|---------|--------|---------|--------|--------|--------|
| 362 | 10.5 | 10.7 | 3.1766 | 2.795  | -0.0019 | 5.9697 | 0.0191  | 0.0341 | 0.0009 | 0.054  |
| 363 | 10.2 | 10.7 | 3.1762 | 2.7949 | -0.0021 | 5.969  | 0.0213  | 0.0312 | 0.0016 | 0.0541 |
| 364 | 10.6 | 10.6 | 3.1755 | 2.7947 | -0.0022 | 5.968  | 0.0165  | 0.032  | 0.002  | 0.0505 |
| 365 | 11   | 10.6 | 3.1751 | 2.7945 | -0.0023 | 5.9672 | 0.0079  | 0.0327 | 0.0025 | 0.0431 |
| 366 | 10.9 | 10.6 | 3.175  | 2.7947 | -0.0025 | 5.9672 | 0.0028  | 0.031  | 0.0034 | 0.0371 |
| 367 | 10.8 | 10.7 | 3.1752 | 2.795  | -0.0029 | 5.9673 | 0.0066  | 0.0335 | 0.0048 | 0.0449 |
| 368 | 10.7 | 10.7 | 3.175  | 2.7945 | -0.0029 | 5.9666 | 0.0254  | 0.036  | 0.0031 | 0.0645 |
| 369 | 10.9 | 10.7 | 3.1748 | 2.7943 | -0.0028 | 5.9663 | 0.0288  | 0.0392 | 0.0054 | 0.0733 |
| 370 | 11   | 10.7 | 3.1752 | 2.7946 | -0.0026 | 5.9672 | 0.0194  | 0.0435 | 0.006  | 0.069  |
| 371 | 11   | 10.7 | 3.1755 | 2.7948 | -0.0024 | 5.968  | 0.0093  | 0.0452 | 0.0049 | 0.0595 |
| 372 | 10.7 | 10.7 | 3.1761 | 2.7949 | -0.0023 | 5.9687 | -0.0033 | 0.0452 | 0.0042 | 0.0462 |
| 373 | 10.1 | 10.7 | 3.1772 | 2.7948 | -0.0023 | 5.9696 | -0.0175 | 0.0467 | 0.0047 | 0.0339 |
| 374 | 10.3 | 10.7 | 3.1781 | 2.7944 | -0.0023 | 5.9702 | -0.0248 | 0.0471 | 0.006  | 0.0283 |
| 375 | 10.7 | 10.6 | 3.179  | 2.7947 | -0.0022 | 5.9714 | -0.0256 | 0.0483 | 0.0058 | 0.0285 |
| 376 | 11   | 10.6 | 3.1789 | 2.7945 | -0.0022 | 5.9712 | -0.0257 | 0.0518 | 0.0049 | 0.031  |
| 377 | 10.8 | 10.6 | 3.1788 | 2.7945 | -0.0023 | 5.9709 | -0.0175 | 0.0522 | 0.0056 | 0.0404 |
| 378 | 10.8 | 10.5 | 3.1783 | 2.7945 | -0.0024 | 5.9704 | -0.0178 | 0.0491 | 0.0069 | 0.0382 |
| 379 | 10.6 | 10.5 | 3.178  | 2.7944 | -0.0024 | 5.97   | -0.0202 | 0.0472 | 0.0079 | 0.0349 |
| 380 | 10.2 | 10.5 | 3.1781 | 2.7943 | -0.0023 | 5.9701 | -0.0189 | 0.0461 | 0.01   | 0.0373 |
| 381 | 10.4 | 10.5 | 3.1785 | 2.7942 | -0.0023 | 5.9704 | -0.0131 | 0.0466 | 0.0109 | 0.0444 |
| 382 | 10   | 10.5 | 3.1781 | 2.794  | -0.0025 | 5.9696 | -0.0174 | 0.0507 | 0.01   | 0.0432 |
| 383 | 10.7 | 10.5 | 3.1778 | 2.7941 | -0.0027 | 5.9692 | -0.0168 | 0.0532 | 0.01   | 0.0465 |
| 384 | 10.6 | 10.6 | 3.1776 | 2.794  | -0.0026 | 5.9689 | -0.0102 | 0.0561 | 0.0125 | 0.0584 |
| 385 | 10.2 | 10.6 | 3.1774 | 2.7942 | -0.0027 | 5.969  | -0.0067 | 0.0544 | 0.0112 | 0.0589 |
| 386 | 9.95 | 10.5 | 3.1773 | 2.7944 | -0.0025 | 5.9692 | -0.0066 | 0.0512 | 0.009  | 0.0536 |
| 387 | 10.1 | 10.5 | 3.1773 | 2.7943 | -0.0023 | 5.9693 | -0.004  | 0.0489 | 0.0086 | 0.0535 |
| 388 | 10.7 | 10.5 | 3.1776 | 2.7941 | -0.0023 | 5.9694 | 0.0031  | 0.0455 | 0.0088 | 0.0574 |
| 389 | 10.3 | 10.5 | 3.178  | 2.7942 | -0.0023 | 5.9699 | 0.0095  | 0.0417 | 0.0078 | 0.0591 |
| 390 | 11.1 | 10.5 | 3.1779 | 2.7939 | -0.0023 | 5.9695 | 0.0094  | 0.0419 | 0.007  | 0.0583 |
| 391 | 11   | 10.5 | 3.1779 | 2.7939 | -0.0022 | 5.9697 | 0.0115  | 0.0463 | 0.0093 | 0.0671 |
| 392 | 10.8 | 10.6 | 3.1778 | 2.7938 | -0.002  | 5.9695 | 0.0138  | 0.0437 | 0.0098 | 0.0673 |
| 393 | 10.8 | 10.6 | 3.1777 | 2.7937 | -0.002  | 5.9695 | 0.0138  | 0.0403 | 0.0091 | 0.0633 |
| 394 | 10.7 | 10.6 | 3.1777 | 2.7941 | -0.0018 | 5.9699 | 0.0098  | 0.043  | 0.0097 | 0.0625 |
| 395 | 10.5 | 10.6 | 3.1778 | 2.7945 | -0.0016 | 5.9706 | 0.0067  | 0.0491 | 0.0115 | 0.0673 |
| 396 | 10.3 | 10.6 | 3.1783 | 2.7948 | -0.0017 | 5.9714 | 0.0059  | 0.0505 | 0.0132 | 0.0695 |
| 397 | 10.4 | 10.6 | 3.1784 | 2.7955 | -0.0019 | 5.972  | 0.0067  | 0.0538 | 0.0139 | 0.0744 |
| 398 | 10.4 | 10.6 | 3.1784 | 2.7955 | -0.002  | 5.9719 | 0.0054  | 0.056  | 0.0122 | 0.0736 |

|     |      |      |        |        |         |        |         |        |         |         |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|---------|
| 399 | 10.6 | 10.7 | 3.1783 | 2.7955 | -0.0019 | 5.9719 | 0.0054  | 0.0593 | 0.011   | 0.0758  |
| 400 | 10.6 | 10.6 | 3.1779 | 2.7954 | -0.0018 | 5.9714 | 0.0031  | 0.0606 | 0.0106  | 0.0743  |
| 401 | 10.8 | 10.6 | 3.1773 | 2.7953 | -0.0019 | 5.9706 | -0.0076 | 0.0629 | 0.0088  | 0.0641  |
| 402 | 11   | 10.6 | 3.177  | 2.7954 | -0.002  | 5.9704 | -0.0241 | 0.0647 | 0.0073  | 0.0478  |
| 403 | 10.3 | 10.6 | 3.1767 | 2.7953 | -0.0021 | 5.9699 | -0.0372 | 0.0621 | 0.0057  | 0.0306  |
| 404 | 10.1 | 10.6 | 3.1764 | 2.7951 | -0.0019 | 5.9696 | -0.0498 | 0.0585 | 0.0041  | 0.0128  |
| 405 | 10.4 | 10.6 | 3.1763 | 2.7955 | -0.0018 | 5.9699 | -0.0573 | 0.0554 | 0.0027  | 0.0007  |
| 406 | 10.6 | 10.7 | 3.1763 | 2.7954 | -0.0019 | 5.9698 | -0.0665 | 0.0484 | 0.0038  | -0.0143 |
| 407 | 10.9 | 10.7 | 3.1764 | 2.7954 | -0.0018 | 5.97   | -0.0802 | 0.046  | 0.0077  | -0.0265 |
| 408 | 11   | 10.7 | 3.1766 | 2.7954 | -0.0017 | 5.9703 | -0.0923 | 0.0464 | 0.0099  | -0.036  |
| 409 | 10.8 | 10.8 | 3.1769 | 2.7953 | -0.0018 | 5.9704 | -0.096  | 0.0466 | 0.0083  | -0.0411 |
| 410 | 10.9 | 10.8 | 3.1771 | 2.795  | -0.0017 | 5.9704 | -0.0908 | 0.0476 | 0.0073  | -0.036  |
| 411 | 10.4 | 10.8 | 3.177  | 2.7952 | -0.0018 | 5.9704 | -0.0873 | 0.0526 | 0.0071  | -0.0276 |
| 412 | 10.5 | 10.8 | 3.1767 | 2.7952 | -0.0018 | 5.9701 | -0.0887 | 0.0455 | 0.0042  | -0.039  |
| 413 | 11   | 10.8 | 3.1771 | 2.7951 | -0.0018 | 5.9704 | -0.0867 | 0.0414 | 0.0019  | -0.0434 |
| 414 | 11.2 | 10.8 | 3.1779 | 2.795  | -0.0019 | 5.971  | -0.0867 | 0.0359 | 0.0016  | -0.0493 |
| 415 | 11   | 10.8 | 3.1783 | 2.7949 | -0.002  | 5.9712 | -0.0913 | 0.031  | 0.0008  | -0.0595 |
| 416 | 10.8 | 10.9 | 3.1782 | 2.7946 | -0.002  | 5.9707 | -0.0957 | 0.0285 | -0.0009 | -0.0681 |
| 417 | 11.3 | 10.9 | 3.1779 | 2.7943 | -0.0019 | 5.9703 | -0.0976 | 0.0291 | -0.0013 | -0.0698 |
| 418 | 11.3 | 10.8 | 3.1777 | 2.7942 | -0.002  | 5.9699 | -0.092  | 0.033  | -0.0039 | -0.0629 |
| 419 | 11.2 | 10.9 | 3.1783 | 2.7939 | -0.002  | 5.9702 | -0.0871 | 0.027  | -0.0023 | -0.0625 |
| 420 | 10.5 | 10.9 | 3.1787 | 2.7937 | -0.0019 | 5.9705 | -0.0806 | 0.0245 | -0.0005 | -0.0566 |
| 421 | 10.3 | 10.9 | 3.1792 | 2.7936 | -0.002  | 5.9708 | -0.0656 | 0.0306 | 0.0036  | -0.0313 |
| 422 | 10.6 | 10.9 | 3.1796 | 2.7936 | -0.0022 | 5.971  | -0.0518 | 0.0354 | 0.0079  | -0.0084 |
| 423 | 10.7 | 10.9 | 3.1797 | 2.7933 | -0.0023 | 5.9707 | -0.0344 | 0.0418 | 0.0089  | 0.0163  |
| 424 | 10.9 | 10.9 | 3.1795 | 2.7933 | -0.0023 | 5.9705 | -0.0202 | 0.0384 | 0.0078  | 0.026   |
| 425 | 11.3 | 10.9 | 3.1793 | 2.7929 | -0.0021 | 5.9701 | -0.0036 | 0.0382 | 0.0065  | 0.0411  |
| 426 | 10.7 | 10.9 | 3.179  | 2.7931 | -0.0021 | 5.9699 | 0.0085  | 0.0425 | 0.0063  | 0.0573  |
| 427 | 10.8 | 10.8 | 3.1792 | 2.7932 | -0.0022 | 5.9702 | 0.0082  | 0.041  | 0.0065  | 0.0557  |
| 428 | 10.9 | 10.8 | 3.1794 | 2.7931 | -0.0024 | 5.9701 | 0.0025  | 0.0439 | 0.0035  | 0.0498  |
| 429 | 10.9 | 10.7 | 3.1795 | 2.793  | -0.0025 | 5.97   | -0.0075 | 0.045  | 0.002   | 0.0395  |
| 430 | 11.1 | 10.7 | 3.1796 | 2.7929 | -0.0027 | 5.9698 | -0.0132 | 0.045  | 0.0024  | 0.0342  |
| 431 | 11.1 | 10.8 | 3.1794 | 2.7924 | -0.0027 | 5.9691 | -0.0183 | 0.042  | 0.0013  | 0.025   |
| 432 | 10.6 | 10.8 | 3.1792 | 2.7921 | -0.0027 | 5.9686 | -0.0185 | 0.0388 | 0.0008  | 0.0211  |
| 433 | 10.8 | 10.8 | 3.1789 | 2.7919 | -0.0029 | 5.968  | -0.0248 | 0.033  | -0.001  | 0.0071  |
| 434 | 10.6 | 10.7 | 3.1788 | 2.7921 | -0.0028 | 5.9681 | -0.0282 | 0.0329 | -0.0037 | 0.0009  |
| 435 | 10.6 | 10.7 | 3.1789 | 2.7922 | -0.0027 | 5.9683 | -0.0352 | 0.0323 | -0.0033 | -0.0062 |

|     |      |      |        |        |         |        |         |        |         |         |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|---------|
| 436 | 10.4 | 10.7 | 3.1788 | 2.7921 | -0.0028 | 5.968  | -0.0386 | 0.0372 | -0.0032 | -0.0046 |
| 437 | 10.3 | 10.7 | 3.1786 | 2.7921 | -0.0029 | 5.9678 | -0.0411 | 0.0409 | -0.0013 | -0.0016 |
| 438 | 10.6 | 10.7 | 3.1785 | 2.7924 | -0.0029 | 5.9681 | -0.0427 | 0.0433 | 0.0015  | 0.0021  |
| 439 | 10.7 | 10.7 | 3.1782 | 2.7926 | -0.0028 | 5.968  | -0.0388 | 0.045  | 0.0026  | 0.0088  |
| 440 | 10.9 | 10.6 | 3.178  | 2.7922 | -0.0029 | 5.9674 | -0.0378 | 0.0491 | 0.003   | 0.0143  |
| 441 | 11   | 10.6 | 3.1779 | 2.7924 | -0.0028 | 5.9675 | -0.0407 | 0.045  | 0.0014  | 0.0057  |
| 442 | 10.6 | 10.6 | 3.1779 | 2.7927 | -0.0027 | 5.968  | -0.0382 | 0.0426 | 0.0024  | 0.0068  |
| 443 | 10.3 | 10.6 | 3.178  | 2.7927 | -0.0026 | 5.9681 | -0.037  | 0.0406 | 0.0046  | 0.0082  |
| 444 | 10.3 | 10.6 | 3.1781 | 2.7924 | -0.0027 | 5.9677 | -0.0348 | 0.0371 | 0.0066  | 0.0089  |
| 445 | 10.5 | 10.6 | 3.1779 | 2.7921 | -0.0028 | 5.9672 | -0.0332 | 0.0389 | 0.0089  | 0.0146  |
| 446 | 10.9 | 10.6 | 3.178  | 2.7919 | -0.0029 | 5.967  | -0.0349 | 0.0446 | 0.0115  | 0.0211  |
| 447 | 10.8 | 10.6 | 3.1781 | 2.7916 | -0.0027 | 5.967  | -0.0332 | 0.0472 | 0.0116  | 0.0255  |
| 448 | 10.6 | 10.6 | 3.1779 | 2.7912 | -0.0025 | 5.9666 | -0.0291 | 0.0522 | 0.0098  | 0.0329  |
| 449 | 10.4 | 10.6 | 3.1781 | 2.791  | -0.0025 | 5.9666 | -0.0234 | 0.0522 | 0.0105  | 0.0394  |
| 450 | 10.3 | 10.6 | 3.179  | 2.7909 | -0.0023 | 5.9675 | -0.0256 | 0.0477 | 0.0142  | 0.0363  |
| 451 | 10.5 | 10.5 | 3.18   | 2.7909 | -0.0021 | 5.9688 | -0.0369 | 0.0463 | 0.0164  | 0.0258  |
| 452 | 10.8 | 10.5 | 3.1808 | 2.7913 | -0.002  | 5.9701 | -0.0394 | 0.0447 | 0.0166  | 0.0219  |
| 453 | 10.7 | 10.5 | 3.1817 | 2.7915 | -0.0019 | 5.9713 | -0.0348 | 0.0458 | 0.0149  | 0.0259  |
| 454 | 10.7 | 10.6 | 3.1822 | 2.7913 | -0.0019 | 5.9715 | -0.0306 | 0.0424 | 0.013   | 0.0248  |
| 455 | 10.9 | 10.6 | 3.1826 | 2.7912 | -0.0021 | 5.9718 | -0.0256 | 0.0455 | 0.0141  | 0.0339  |
| 456 | 10.5 | 10.6 | 3.1835 | 2.7913 | -0.0023 | 5.9725 | -0.0194 | 0.046  | 0.0173  | 0.0438  |
| 457 | 10.2 | 10.6 | 3.1847 | 2.7913 | -0.0025 | 5.9734 | -0.0105 | 0.0493 | 0.0184  | 0.0571  |
| 458 | 10.5 | 10.5 | 3.1856 | 2.7912 | -0.0025 | 5.9742 | 0.0008  | 0.0498 | 0.0179  | 0.0685  |
| 459 | 10.6 | 10.5 | 3.1859 | 2.7909 | -0.0024 | 5.9743 | 0.0107  | 0.0526 | 0.0161  | 0.0794  |
| 460 | 10.1 | 10.6 | 3.1855 | 2.7904 | -0.0023 | 5.9737 | 0.0165  | 0.0523 | 0.0135  | 0.0823  |
| 461 | 10.4 | 10.5 | 3.1855 | 2.7909 | -0.0021 | 5.9743 | 0.016   | 0.0501 | 0.0111  | 0.0772  |
| 462 | 10.5 | 10.5 | 3.1853 | 2.7908 | -0.0021 | 5.974  | 0.0125  | 0.0541 | 0.0075  | 0.0742  |
| 463 | 10.5 | 10.5 | 3.1849 | 2.7913 | -0.0022 | 5.9739 | 0.0027  | 0.0504 | 0.0052  | 0.0583  |
| 464 | 11   | 10.5 | 3.1847 | 2.7916 | -0.0023 | 5.974  | 0.001   | 0.0499 | 0.003   | 0.0539  |
| 465 | 10.7 | 10.5 | 3.1846 | 2.7916 | -0.0022 | 5.974  | 0.0005  | 0.0499 | 0.0002  | 0.0505  |
| 466 | 10.4 | 10.4 | 3.1848 | 2.7918 | -0.0023 | 5.9742 | 0.0003  | 0.0474 | -0.001  | 0.0467  |
| 467 | 10.4 | 10.4 | 3.1844 | 2.7917 | -0.0025 | 5.9736 | -0.0105 | 0.0408 | -0.0003 | 0.0301  |
| 468 | 10.4 | 10.5 | 3.1837 | 2.7918 | -0.0027 | 5.9728 | -0.0134 | 0.0321 | 0.0024  | 0.0211  |
| 469 | 10.7 | 10.5 | 3.1829 | 2.7919 | -0.0028 | 5.972  | -0.0139 | 0.03   | 0.0021  | 0.0183  |
| 470 | 10.1 | 10.5 | 3.1817 | 2.7915 | -0.003  | 5.9703 | -0.0038 | 0.0291 | 0.0031  | 0.0284  |
| 471 | 10.4 | 10.6 | 3.1807 | 2.7913 | -0.0032 | 5.9688 | 0.001   | 0.0282 | 0.0059  | 0.0351  |
| 472 | 10.6 | 10.6 | 3.1796 | 2.7907 | -0.0032 | 5.9671 | 0.007   | 0.03   | 0.0069  | 0.0439  |

|     |      |      |        |        |         |        |         |        |         |        |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 473 | 10.5 | 10.6 | 3.1792 | 2.7909 | -0.0031 | 5.967  | 0.0134  | 0.0296 | 0.0053  | 0.0484 |
| 474 | 10   | 10.6 | 3.1785 | 2.7906 | -0.0029 | 5.9661 | 0.0165  | 0.0289 | 0.005   | 0.0504 |
| 475 | 10.1 | 10.7 | 3.1781 | 2.7904 | -0.0028 | 5.9657 | 0.021   | 0.0298 | 0.0042  | 0.055  |
| 476 | 10.2 | 10.7 | 3.1781 | 2.7904 | -0.0029 | 5.9656 | 0.0221  | 0.0293 | 0.006   | 0.0575 |
| 477 | 10.8 | 10.7 | 3.1785 | 2.7901 | -0.0027 | 5.9659 | 0.0183  | 0.0312 | 0.0072  | 0.0568 |
| 478 | 11.2 | 10.7 | 3.1791 | 2.79   | -0.0026 | 5.9665 | 0.0202  | 0.0334 | 0.0062  | 0.0599 |
| 479 | 11   | 10.7 | 3.1793 | 2.7899 | -0.0026 | 5.9666 | 0.023   | 0.0353 | 0.0044  | 0.0627 |
| 480 | 11   | 10.8 | 3.1799 | 2.7901 | -0.0024 | 5.9676 | 0.029   | 0.0339 | 0.0011  | 0.064  |
| 481 | 11.3 | 10.8 | 3.1804 | 2.7903 | -0.0024 | 5.9683 | 0.0313  | 0.0333 | -0.0032 | 0.0613 |
| 482 | 11.3 | 10.9 | 3.1806 | 2.7907 | -0.0024 | 5.9689 | 0.0241  | 0.0305 | -0.004  | 0.0506 |
| 483 | 10.8 | 10.9 | 3.1806 | 2.7908 | -0.0023 | 5.9691 | 0.0162  | 0.0296 | -0.004  | 0.0417 |
| 484 | 11   | 10.9 | 3.1811 | 2.7907 | -0.0023 | 5.9695 | 0.0043  | 0.0264 | -0.0049 | 0.0258 |
| 485 | 11.1 | 11   | 3.1813 | 2.7905 | -0.0023 | 5.9694 | -0.0027 | 0.0265 | -0.0042 | 0.0196 |
| 486 | 11   | 11   | 3.1814 | 2.7903 | -0.0024 | 5.9693 | -0.0033 | 0.0247 | -0.0032 | 0.0181 |
| 487 | 10.8 | 11   | 3.1815 | 2.79   | -0.0025 | 5.9691 | -0.0038 | 0.025  | -0.0017 | 0.0195 |
| 488 | 10.7 | 11   | 3.1814 | 2.7896 | -0.0026 | 5.9685 | -0.0078 | 0.0261 | -0.0022 | 0.0161 |
| 489 | 11   | 11   | 3.1818 | 2.7893 | -0.0026 | 5.9684 | -0.0068 | 0.028  | -0.0023 | 0.019  |
| 490 | 11   | 10.9 | 3.182  | 2.7894 | -0.0024 | 5.9689 | -0.0061 | 0.0308 | 0.0007  | 0.0254 |
| 491 | 11.3 | 10.9 | 3.1817 | 2.7897 | -0.0024 | 5.969  | -0.0034 | 0.0304 | 0.0016  | 0.0286 |
| 492 | 10.8 | 10.9 | 3.1815 | 2.7897 | -0.0025 | 5.9687 | 0.0006  | 0.0317 | 0.0022  | 0.0345 |
| 493 | 11.1 | 10.9 | 3.1812 | 2.79   | -0.0026 | 5.9686 | 0.0037  | 0.0351 | 0.0052  | 0.044  |
| 494 | 11   | 10.8 | 3.181  | 2.7902 | -0.0027 | 5.9685 | 0.0062  | 0.035  | 0.0065  | 0.0478 |
| 495 | 11   | 10.8 | 3.1813 | 2.79   | -0.0028 | 5.9685 | 0.0087  | 0.0316 | 0.0057  | 0.046  |
| 496 | 11.4 | 10.7 | 3.1816 | 2.7901 | -0.0029 | 5.9688 | 0.0081  | 0.0341 | 0.0057  | 0.048  |
| 497 | 10.9 | 10.7 | 3.1813 | 2.7903 | -0.0029 | 5.9687 | 0.0091  | 0.0299 | 0.0051  | 0.0441 |
| 498 | 10.6 | 10.6 | 3.1807 | 2.7902 | -0.003  | 5.968  | 0.0129  | 0.0321 | 0.0057  | 0.0508 |
| 499 | 9.97 | 10.6 | 3.1808 | 2.7907 | -0.0033 | 5.9682 | 0.0108  | 0.0277 | 0.0068  | 0.0453 |
| 500 | 10.4 | 10.5 | 3.1816 | 2.7907 | -0.0035 | 5.9688 | 0.009   | 0.0284 | 0.008   | 0.0454 |
| 501 | 10.5 | 10.5 | 3.1812 | 2.7908 | -0.0036 | 5.9684 | 0.0142  | 0.0278 | 0.0108  | 0.0528 |
| 502 | 10.7 | 10.5 | 3.1805 | 2.7908 | -0.0035 | 5.9678 | 0.0225  | 0.0285 | 0.0142  | 0.0652 |
| 503 | 10.8 | 10.4 | 3.1798 | 2.7911 | -0.0034 | 5.9674 | 0.0323  | 0.0296 | 0.0141  | 0.076  |
| 504 | 10.1 | 10.4 | 3.179  | 2.7906 | -0.0033 | 5.9662 | 0.0437  | 0.0292 | 0.0147  | 0.0876 |
| 505 | 9.68 | 10.4 | 3.1782 | 2.7909 | -0.0036 | 5.9655 | 0.0489  | 0.0252 | 0.0147  | 0.0887 |
| 506 | 9.86 | 10.3 | 3.1773 | 2.7905 | -0.0037 | 5.9641 | 0.0542  | 0.027  | 0.0132  | 0.0944 |
| 507 | 9.83 | 10.3 | 3.1763 | 2.7904 | -0.0036 | 5.9631 | 0.0614  | 0.0314 | 0.012   | 0.1048 |
| 508 | 9.92 | 10.3 | 3.1755 | 2.7902 | -0.0033 | 5.9624 | 0.0678  | 0.0287 | 0.0068  | 0.1033 |
| 509 | 10.1 | 10.3 | 3.1753 | 2.79   | -0.0031 | 5.9622 | 0.0738  | 0.0299 | 0.0067  | 0.1104 |

|     |      |      |        |        |         |        |         |        |         |         |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|---------|
| 510 | 10.2 | 10.3 | 3.1755 | 2.79   | -0.0028 | 5.9627 | 0.0763  | 0.0291 | 0.0078  | 0.1132  |
| 511 | 10.8 | 10.3 | 3.1758 | 2.7898 | -0.0025 | 5.963  | 0.074   | 0.0256 | 0.0086  | 0.1082  |
| 512 | 10.4 | 10.3 | 3.1764 | 2.7902 | -0.0023 | 5.9643 | 0.073   | 0.0294 | 0.0095  | 0.1119  |
| 513 | 10.6 | 10.2 | 3.177  | 2.7901 | -0.0021 | 5.965  | 0.0707  | 0.0309 | 0.0095  | 0.1111  |
| 514 | 10.3 | 10.2 | 3.1778 | 2.79   | -0.0019 | 5.9659 | 0.0647  | 0.0367 | 0.0088  | 0.1103  |
| 515 | 10.4 | 10.2 | 3.1783 | 2.7901 | -0.0019 | 5.9666 | 0.061   | 0.0405 | 0.0097  | 0.1112  |
| 516 | 10.2 | 10.3 | 3.1792 | 2.7905 | -0.002  | 5.9677 | 0.0604  | 0.0419 | 0.0115  | 0.1137  |
| 517 | 10.3 | 10.3 | 3.1792 | 2.7911 | -0.0021 | 5.9682 | 0.0628  | 0.0426 | 0.0114  | 0.1169  |
| 518 | 10.4 | 10.3 | 3.1791 | 2.7912 | -0.0022 | 5.9681 | 0.062   | 0.044  | 0.0099  | 0.1159  |
| 519 | 10.3 | 10.4 | 3.1787 | 2.791  | -0.0023 | 5.9674 | 0.0593  | 0.0395 | 0.0103  | 0.1091  |
| 520 | 10.3 | 10.4 | 3.1786 | 2.7909 | -0.0025 | 5.967  | 0.0488  | 0.0384 | 0.0096  | 0.0968  |
| 521 | 10.6 | 10.4 | 3.1785 | 2.7906 | -0.0027 | 5.9664 | 0.0314  | 0.0332 | 0.0101  | 0.0747  |
| 522 | 9.78 | 10.4 | 3.1782 | 2.7906 | -0.0027 | 5.9661 | 0.022   | 0.0287 | 0.0111  | 0.0617  |
| 523 | 9.93 | 10.4 | 3.178  | 2.7904 | -0.0028 | 5.9656 | 0.0127  | 0.0224 | 0.0126  | 0.0477  |
| 524 | 10.4 | 10.4 | 3.1774 | 2.7903 | -0.0027 | 5.965  | 0.0135  | 0.028  | 0.0137  | 0.0552  |
| 525 | 10.5 | 10.4 | 3.1771 | 2.79   | -0.0027 | 5.9644 | 0.0109  | 0.0252 | 0.0149  | 0.0509  |
| 526 | 10.4 | 10.4 | 3.1771 | 2.7899 | -0.0028 | 5.9642 | 0.0095  | 0.0234 | 0.0156  | 0.0485  |
| 527 | 10.6 | 10.4 | 3.1772 | 2.7899 | -0.0029 | 5.9642 | 0.01    | 0.0193 | 0.0147  | 0.0439  |
| 528 | 10.3 | 10.4 | 3.1771 | 2.7895 | -0.0028 | 5.9638 | 0.0132  | 0.0186 | 0.0171  | 0.0489  |
| 529 | 10.5 | 10.4 | 3.1766 | 2.7896 | -0.0026 | 5.9636 | 0.0177  | 0.015  | 0.019   | 0.0517  |
| 530 | 10.8 | 10.5 | 3.1765 | 2.7896 | -0.0024 | 5.9637 | 0.0228  | 0.0137 | 0.0179  | 0.0544  |
| 531 | 10.9 | 10.5 | 3.177  | 2.7894 | -0.0023 | 5.964  | 0.0285  | 0.019  | 0.0183  | 0.0658  |
| 532 | 10.1 | 10.5 | 3.1776 | 2.7891 | -0.0023 | 5.9644 | 0.0317  | 0.0188 | 0.0167  | 0.0672  |
| 533 | 10.7 | 10.5 | 3.1785 | 2.7893 | -0.0024 | 5.9654 | 0.0356  | 0.0266 | 0.0157  | 0.0778  |
| 534 | 10.2 | 10.5 | 3.1791 | 2.7894 | -0.0024 | 5.9661 | 0.0353  | 0.0329 | 0.0146  | 0.0827  |
| 535 | 10.6 | 10.5 | 3.1792 | 2.7897 | -0.0024 | 5.9665 | 0.0385  | 0.0381 | 0.0124  | 0.089   |
| 536 | 10.2 | 10.5 | 3.1791 | 2.7896 | -0.0026 | 5.9661 | 0.0344  | 0.039  | 0.0097  | 0.0831  |
| 537 | 10.7 | 10.4 | 3.1794 | 2.7894 | -0.0027 | 5.9661 | 0.0251  | 0.0441 | 0.005   | 0.0742  |
| 538 | 10.5 | 10.5 | 3.1792 | 2.7896 | -0.0027 | 5.9662 | 0.0235  | 0.0429 | 0.0001  | 0.0665  |
| 539 | 10.9 | 10.5 | 3.1788 | 2.7895 | -0.0029 | 5.9654 | 0.0224  | 0.0325 | -0.0044 | 0.0505  |
| 540 | 10.3 | 10.5 | 3.1784 | 2.7892 | -0.003  | 5.9645 | 0.0212  | 0.0226 | -0.003  | 0.0408  |
| 541 | 10.3 | 10.5 | 3.1779 | 2.7893 | -0.003  | 5.9641 | 0.0142  | 0.0172 | -0.001  | 0.0305  |
| 542 | 10.2 | 10.5 | 3.1775 | 2.7892 | -0.0032 | 5.9636 | 0.0072  | 0.0173 | -0.004  | 0.0205  |
| 543 | 10.4 | 10.5 | 3.1774 | 2.7892 | -0.0033 | 5.9633 | 0.0015  | 0.0158 | -0.0054 | 0.0119  |
| 544 | 10.1 | 10.5 | 3.1772 | 2.7892 | -0.0033 | 5.9631 | -0.007  | 0.0165 | -0.0071 | 0.0023  |
| 545 | 10.3 | 10.5 | 3.1771 | 2.7886 | -0.0034 | 5.9624 | -0.0189 | 0.013  | -0.007  | -0.0129 |
| 546 | 10.1 | 10.5 | 3.1771 | 2.7889 | -0.0034 | 5.9626 | -0.0274 | 0.0102 | -0.0054 | -0.0226 |



|     |      |      |        |        |         |        |         |         |         |         |
|-----|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 547 | 10.9 | 10.4 | 3.1768 | 2.7884 | -0.0033 | 5.9619 | -0.0338 | 0.0118  | -0.0049 | -0.0269 |
| 548 | 10.8 | 10.4 | 3.1769 | 2.7884 | -0.0032 | 5.9621 | -0.0463 | 0.0135  | -0.0037 | -0.0365 |
| 549 | 10.5 | 10.4 | 3.1772 | 2.7882 | -0.0033 | 5.9621 | -0.0536 | 0.0134  | -0.0052 | -0.0455 |
| 550 | 10.8 | 10.4 | 3.1775 | 2.7881 | -0.0034 | 5.9622 | -0.0486 | 0.0168  | -0.0071 | -0.0388 |
| 551 | 10.6 | 10.4 | 3.1778 | 2.7881 | -0.0035 | 5.9623 | -0.0342 | 0.0132  | -0.0097 | -0.0307 |
| 552 | 10.4 | 10.4 | 3.1776 | 2.7883 | -0.0034 | 5.9625 | -0.0339 | 0.0119  | -0.0095 | -0.0315 |
| 553 | 9.96 | 10.4 | 3.1773 | 2.7885 | -0.0034 | 5.9625 | -0.031  | 0.0117  | -0.0073 | -0.0266 |
| 554 | 10.6 | 10.5 | 3.1773 | 2.7888 | -0.0034 | 5.9627 | -0.0268 | 0.0108  | -0.0077 | -0.0236 |
| 555 | 10.4 | 10.5 | 3.1772 | 2.7885 | -0.0034 | 5.9624 | -0.0277 | 0.0018  | -0.0088 | -0.0347 |
| 556 | 10.1 | 10.5 | 3.1774 | 2.7881 | -0.0035 | 5.962  | -0.0269 | 0.0019  | -0.0115 | -0.0365 |
| 557 | 10   | 10.4 | 3.1779 | 2.7884 | -0.0032 | 5.9631 | -0.0257 | -0.0027 | -0.0124 | -0.0408 |
| 558 | 10.5 | 10.4 | 3.1782 | 2.7882 | -0.0032 | 5.9632 | -0.03   | -0.0022 | -0.0104 | -0.0426 |
| 559 | 10.2 | 10.4 | 3.1783 | 2.788  | -0.0032 | 5.963  | -0.0309 | -0.0016 | -0.0057 | -0.0383 |
| 560 | 10.8 | 10.4 | 3.1781 | 2.7879 | -0.0032 | 5.9628 | -0.0332 | -0.0063 | -0.0006 | -0.0401 |
| 561 | 10.4 | 10.4 | 3.1782 | 2.788  | -0.0031 | 5.9631 | -0.029  | -0.0039 | 0.004   | -0.029  |
| 562 | 10.6 | 10.4 | 3.1782 | 2.7877 | -0.0031 | 5.9629 | -0.0239 | -0.0019 | 0.0089  | -0.0168 |
| 563 | 10.6 | 10.4 | 3.1784 | 2.7876 | -0.0031 | 5.9629 | -0.0116 | 0.0076  | 0.0138  | 0.0099  |
| 564 | 10.5 | 10.4 | 3.1786 | 2.7875 | -0.0032 | 5.9629 | -0.0019 | 0.0116  | 0.016   | 0.0257  |
| 565 | 10.3 | 10.4 | 3.1786 | 2.7874 | -0.0034 | 5.9626 | 0.0067  | 0.0125  | 0.018   | 0.0372  |
| 566 | 10.2 | 10.4 | 3.1785 | 2.7875 | -0.0035 | 5.9625 | 0.0121  | 0.0163  | 0.017   | 0.0455  |
| 567 | 9.97 | 10.5 | 3.1782 | 2.7873 | -0.0035 | 5.962  | 0.0221  | 0.0229  | 0.0137  | 0.0587  |
| 568 | 10.7 | 10.5 | 3.1778 | 2.7878 | -0.0037 | 5.9619 | 0.0254  | 0.0338  | 0.0093  | 0.0685  |
| 569 | 10.3 | 10.5 | 3.178  | 2.788  | -0.0037 | 5.9623 | 0.0244  | 0.0409  | 0.008   | 0.0732  |
| 570 | 10.6 | 10.4 | 3.1786 | 2.7882 | -0.004  | 5.9628 | 0.0146  | 0.0417  | 0.0077  | 0.064   |
| 571 | 10.2 | 10.4 | 3.1785 | 2.7884 | -0.0043 | 5.9627 | 0.0038  | 0.0435  | 0.0076  | 0.0549  |
| 572 | 10.6 | 10.4 | 3.1783 | 2.7885 | -0.0045 | 5.9623 | -0.0024 | 0.0406  | 0.0063  | 0.0445  |
| 573 | 10.7 | 10.4 | 3.1778 | 2.7881 | -0.0045 | 5.9615 | -0.0067 | 0.0422  | 0.0072  | 0.0426  |
| 574 | 10.4 | 10.4 | 3.1774 | 2.7881 | -0.0044 | 5.961  | -0.0147 | 0.0411  | 0.007   | 0.0334  |
| 575 | 10.5 | 10.3 | 3.1772 | 2.7881 | -0.0044 | 5.9609 | -0.0242 | 0.0391  | 0.0076  | 0.0226  |
| 576 | 10.5 | 10.3 | 3.1771 | 2.7884 | -0.0043 | 5.9612 | -0.029  | 0.0344  | 0.0064  | 0.0118  |
| 577 | 10.5 | 10.3 | 3.1772 | 2.7882 | -0.0044 | 5.961  | -0.0282 | 0.0346  | 0.0048  | 0.0111  |
| 578 | 10.3 | 10.3 | 3.1773 | 2.7885 | -0.0045 | 5.9613 | -0.0254 | 0.0344  | 0.005   | 0.0139  |
| 579 | 10.1 | 10.3 | 3.177  | 2.7886 | -0.0044 | 5.9612 | -0.0284 | 0.0275  | 0.006   | 0.0051  |
| 580 | 10   | 10.3 | 3.1771 | 2.7882 | -0.0043 | 5.961  | -0.0312 | 0.0295  | 0.0067  | 0.0051  |
| 581 | 10.3 | 10.3 | 3.1772 | 2.7884 | -0.0041 | 5.9616 | -0.0322 | 0.0272  | 0.0083  | 0.0034  |
| 582 | 10.3 | 10.3 | 3.177  | 2.788  | -0.004  | 5.9611 | -0.0265 | 0.0209  | 0.007   | 0.0014  |
| 583 | 10.1 | 10.3 | 3.1771 | 2.7875 | -0.0038 | 5.9608 | -0.011  | 0.0172  | 0.007   | 0.0132  |

|     |      |      |        |        |         |        |         |         |         |         |
|-----|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 584 | 9.94 | 10.2 | 3.1772 | 2.7869 | -0.0035 | 5.9606 | -0.0004 | 0.0166  | 0.0065  | 0.0227  |
| 585 | 9.96 | 10.2 | 3.1779 | 2.7866 | -0.0033 | 5.9611 | 0.0036  | 0.0176  | 0.0083  | 0.0295  |
| 586 | 10.4 | 10.2 | 3.1789 | 2.7859 | -0.0029 | 5.9619 | 0.0039  | 0.0211  | 0.0088  | 0.0339  |
| 587 | 10.1 | 10.1 | 3.1792 | 2.7857 | -0.0025 | 5.9624 | 0.0025  | 0.0201  | 0.0064  | 0.029   |
| 588 | 10.6 | 10.1 | 3.1792 | 2.7864 | -0.0021 | 5.9634 | 0.0003  | 0.0221  | 0.0052  | 0.0276  |
| 589 | 9.88 | 10.1 | 3.1796 | 2.787  | -0.0023 | 5.9644 | -0.0059 | 0.0273  | 0.0054  | 0.0269  |
| 590 | 10.3 | 10.1 | 3.1806 | 2.7876 | -0.0023 | 5.9659 | -0.0085 | 0.0271  | 0.0017  | 0.0202  |
| 591 | 10.6 | 10.1 | 3.181  | 2.788  | -0.002  | 5.967  | -0.0098 | 0.0257  | -0.0005 | 0.0155  |
| 592 | 9.89 | 10   | 3.1813 | 2.7881 | -0.002  | 5.9675 | -0.0134 | 0.0323  | 0.0005  | 0.0194  |
| 593 | 10.2 | 10.1 | 3.1819 | 2.7884 | -0.0019 | 5.9684 | -0.0217 | 0.0303  | -0.002  | 0.0066  |
| 594 | 10.1 | 10.1 | 3.1829 | 2.7889 | -0.002  | 5.9698 | -0.0249 | 0.0301  | -0.0043 | 0.001   |
| 595 | 9.59 | 10.2 | 3.184  | 2.789  | -0.0022 | 5.9708 | -0.0287 | 0.0299  | -0.006  | -0.0048 |
| 596 | 9.41 | 10.2 | 3.185  | 2.7889 | -0.0024 | 5.9715 | -0.0351 | 0.0205  | -0.0072 | -0.0219 |
| 597 | 9.65 | 10.2 | 3.1859 | 2.7889 | -0.0025 | 5.9723 | -0.0404 | 0.023   | -0.0076 | -0.0251 |
| 598 | 10   | 10.2 | 3.1861 | 2.7889 | -0.0025 | 5.9725 | -0.0465 | 0.0171  | -0.0069 | -0.0363 |
| 599 | 9.86 | 10.3 | 3.1857 | 2.789  | -0.0026 | 5.9721 | -0.0489 | 0.0163  | -0.0078 | -0.0404 |
| 600 | 10.1 | 10.3 | 3.185  | 2.7894 | -0.0025 | 5.9719 | -0.046  | 0.0119  | -0.0083 | -0.0424 |
| 601 | 10.1 | 10.3 | 3.1846 | 2.7896 | -0.0026 | 5.9716 | -0.0363 | 0.0109  | -0.0093 | -0.0346 |
| 602 | 10.6 | 10.4 | 3.1836 | 2.7896 | -0.0028 | 5.9705 | -0.0325 | 0.0101  | -0.0105 | -0.0328 |
| 603 | 10.8 | 10.4 | 3.1824 | 2.79   | -0.0026 | 5.9698 | -0.0334 | 0.0112  | -0.0088 | -0.031  |
| 604 | 10.9 | 10.5 | 3.1818 | 2.7904 | -0.0025 | 5.9697 | -0.0347 | 0.0134  | -0.0067 | -0.028  |
| 605 | 10.9 | 10.6 | 3.1809 | 2.7907 | -0.0024 | 5.9692 | -0.0343 | 0.0153  | -0.006  | -0.025  |
| 606 | 10.7 | 10.6 | 3.1799 | 2.7908 | -0.0025 | 5.9682 | -0.0297 | 0.012   | -0.006  | -0.0237 |
| 607 | 10.9 | 10.7 | 3.1793 | 2.7906 | -0.0026 | 5.9674 | -0.025  | 0.0101  | -0.0058 | -0.0207 |
| 608 | 10.9 | 10.8 | 3.1786 | 2.7904 | -0.0028 | 5.9662 | -0.0144 | 0.0136  | 0.0012  | 0.0004  |
| 609 | 10.7 | 10.8 | 3.1786 | 2.7907 | -0.0031 | 5.9662 | -0.0138 | 0.0141  | 0.004   | 0.0044  |
| 610 | 10.9 | 10.9 | 3.1784 | 2.7904 | -0.0032 | 5.9656 | -0.0159 | 0.0152  | 0.0044  | 0.0037  |
| 611 | 10.9 | 10.9 | 3.1781 | 2.7899 | -0.0034 | 5.9647 | -0.0127 | 0.0157  | 0.0011  | 0.004   |
| 612 | 11.1 | 10.9 | 3.1776 | 2.7894 | -0.0037 | 5.9633 | -0.0077 | 0.0188  | -0.0018 | 0.0093  |
| 613 | 10.9 | 10.9 | 3.1772 | 2.7889 | -0.0037 | 5.9624 | -0.0036 | 0.0157  | -0.0051 | 0.007   |
| 614 | 11.2 | 10.9 | 3.1772 | 2.7888 | -0.0037 | 5.9622 | -0.002  | 0.0131  | -0.006  | 0.005   |
| 615 | 11.2 | 10.9 | 3.1771 | 2.7885 | -0.0036 | 5.962  | 0.0028  | 0.0101  | -0.0065 | 0.0064  |
| 616 | 11   | 10.9 | 3.177  | 2.7882 | -0.0033 | 5.9618 | 0.0059  | 0.0018  | -0.0108 | -0.0031 |
| 617 | 11   | 10.9 | 3.1767 | 2.7877 | -0.0031 | 5.9613 | 0.0049  | -0.0019 | -0.0113 | -0.0083 |
| 618 | 10.8 | 10.9 | 3.1767 | 2.7871 | -0.003  | 5.9608 | 0.005   | -0.0059 | -0.0079 | -0.0087 |
| 619 | 10.9 | 10.9 | 3.1772 | 2.7868 | -0.0031 | 5.961  | 0.0011  | 0.0018  | -0.0055 | -0.0027 |
| 620 | 10.6 | 10.9 | 3.1783 | 2.7865 | -0.0033 | 5.9615 | 0.0059  | 0.0052  | -0.002  | 0.0091  |

|     |      |      |        |        |         |        |         |        |         |        |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 621 | 10.8 | 10.8 | 3.1787 | 2.7866 | -0.0033 | 5.962  | 0.0183  | 0.0115 | -0.0028 | 0.0269 |
| 622 | 11.3 | 10.8 | 3.1789 | 2.7864 | -0.0034 | 5.9619 | 0.0203  | 0.0205 | -0.0061 | 0.0348 |
| 623 | 10.7 | 10.8 | 3.1795 | 2.7863 | -0.0035 | 5.9623 | 0.0188  | 0.0274 | -0.0076 | 0.0387 |
| 624 | 11.1 | 10.7 | 3.1798 | 2.7864 | -0.0035 | 5.9627 | 0.0167  | 0.0329 | -0.0075 | 0.042  |
| 625 | 10.6 | 10.7 | 3.18   | 2.7865 | -0.0034 | 5.9632 | 0.0127  | 0.0367 | -0.0064 | 0.043  |
| 626 | 10.8 | 10.7 | 3.1799 | 2.7865 | -0.0033 | 5.9631 | 0.0085  | 0.035  | -0.005  | 0.0385 |
| 627 | 11   | 10.7 | 3.1797 | 2.7865 | -0.0034 | 5.9628 | 0.0001  | 0.0415 | -0.0029 | 0.0387 |
| 628 | 10.5 | 10.6 | 3.1799 | 2.7868 | -0.0034 | 5.9633 | -0.0071 | 0.0412 | -0.0007 | 0.0334 |
| 629 | 10.2 | 10.6 | 3.1798 | 2.7867 | -0.0033 | 5.9631 | -0.0063 | 0.0452 | -0.0018 | 0.037  |
| 630 | 10.2 | 10.6 | 3.1797 | 2.7869 | -0.0032 | 5.9634 | -0.0096 | 0.0485 | -0.0029 | 0.036  |
| 631 | 10.1 | 10.5 | 3.1796 | 2.7873 | -0.003  | 5.9639 | -0.0089 | 0.0457 | -0.0016 | 0.0352 |
| 632 | 10.3 | 10.5 | 3.1787 | 2.7874 | -0.003  | 5.9631 | -0.0084 | 0.0486 | -0.0014 | 0.0388 |
| 633 | 11   | 10.5 | 3.1785 | 2.7876 | -0.003  | 5.9631 | -0.0113 | 0.0406 | -0.0036 | 0.0257 |
| 634 | 10.9 | 10.4 | 3.1787 | 2.7876 | -0.0032 | 5.9631 | -0.0159 | 0.0331 | -0.0041 | 0.0132 |
| 635 | 10.5 | 10.4 | 3.1788 | 2.7876 | -0.0033 | 5.9631 | -0.0183 | 0.0255 | -0.0016 | 0.0056 |
| 636 | 10.2 | 10.4 | 3.1789 | 2.7876 | -0.0033 | 5.9632 | -0.017  | 0.0208 | 0.001   | 0.0047 |
| 637 | 10.1 | 10.4 | 3.1794 | 2.7872 | -0.0032 | 5.9634 | -0.0058 | 0.016  | 0.005   | 0.0152 |
| 638 | 9.99 | 10.4 | 3.1798 | 2.7869 | -0.0032 | 5.9635 | -0.0002 | 0.0124 | 0.0111  | 0.0233 |
| 639 | 10.2 | 10.5 | 3.1797 | 2.7868 | -0.003  | 5.9634 | -0.0044 | 0.0224 | 0.0118  | 0.0298 |
| 640 | 10.4 | 10.5 | 3.1793 | 2.7866 | -0.003  | 5.963  | -0.0148 | 0.0271 | 0.01    | 0.0223 |
| 641 | 10.1 | 10.5 | 3.1792 | 2.786  | -0.0031 | 5.9621 | -0.0207 | 0.0305 | 0.0096  | 0.0194 |
| 642 | 10.4 | 10.5 | 3.1797 | 2.7862 | -0.003  | 5.9629 | -0.0238 | 0.0335 | 0.0144  | 0.0241 |
| 643 | 10.3 | 10.5 | 3.1799 | 2.7862 | -0.0029 | 5.9632 | -0.0275 | 0.0354 | 0.0158  | 0.0237 |
| 644 | 10.8 | 10.5 | 3.1801 | 2.7862 | -0.0027 | 5.9636 | -0.0176 | 0.0391 | 0.0167  | 0.0382 |
| 645 | 10.8 | 10.6 | 3.1806 | 2.7866 | -0.0027 | 5.9646 | 0.0052  | 0.0438 | 0.016   | 0.065  |
| 646 | 10.7 | 10.6 | 3.1811 | 2.7866 | -0.0026 | 5.9651 | 0.0276  | 0.0406 | 0.0121  | 0.0803 |
| 647 | 11   | 10.7 | 3.1815 | 2.7867 | -0.0026 | 5.9655 | 0.0465  | 0.039  | 0.0094  | 0.0948 |
| 648 | 10.9 | 10.7 | 3.1818 | 2.7868 | -0.0024 | 5.9661 | 0.0614  | 0.036  | 0.0072  | 0.1046 |
| 649 | 10.5 | 10.8 | 3.1818 | 2.787  | -0.0025 | 5.9663 | 0.0704  | 0.0358 | 0.0071  | 0.1133 |
| 650 | 10.8 | 10.8 | 3.1812 | 2.787  | -0.0025 | 5.9657 | 0.071   | 0.035  | 0.0072  | 0.1132 |
| 651 | 10.5 | 10.8 | 3.181  | 2.7871 | -0.0025 | 5.9656 | 0.0635  | 0.0389 | 0.0092  | 0.1116 |
| 652 | 10.6 | 10.8 | 3.1809 | 2.7872 | -0.0025 | 5.9656 | 0.0598  | 0.0393 | 0.0082  | 0.1073 |
| 653 | 10.7 | 10.8 | 3.1808 | 2.7872 | -0.0027 | 5.9653 | 0.0515  | 0.0383 | 0.0054  | 0.0952 |
| 654 | 11.4 | 10.8 | 3.1807 | 2.7872 | -0.0028 | 5.9652 | 0.0413  | 0.039  | 0.0058  | 0.0861 |
| 655 | 11.5 | 10.8 | 3.1802 | 2.7873 | -0.0028 | 5.9647 | 0.0365  | 0.0416 | 0.0088  | 0.0869 |
| 656 | 10.9 | 10.8 | 3.1799 | 2.7871 | -0.0029 | 5.9641 | 0.0281  | 0.0477 | 0.0107  | 0.0865 |
| 657 | 11   | 10.8 | 3.1794 | 2.787  | -0.0033 | 5.9631 | 0.0186  | 0.0546 | 0.0087  | 0.082  |

|     |      |      |        |        |         |        |         |        |         |         |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|---------|
| 658 | 11   | 10.8 | 3.1796 | 2.7868 | -0.0036 | 5.9627 | 0.0103  | 0.0543 | 0.0054  | 0.07    |
| 659 | 10.9 | 10.8 | 3.1798 | 2.7864 | -0.0036 | 5.9626 | 0.0033  | 0.0525 | 0.0054  | 0.0611  |
| 660 | 10.6 | 10.8 | 3.1794 | 2.7863 | -0.0033 | 5.9624 | 0.0012  | 0.05   | 0.001   | 0.0523  |
| 661 | 10.8 | 10.8 | 3.179  | 2.7861 | -0.0029 | 5.9622 | 0.0022  | 0.0487 | -0.002  | 0.0489  |
| 662 | 10.6 | 10.8 | 3.1786 | 2.7862 | -0.0025 | 5.9622 | 0.0011  | 0.0398 | -0.0043 | 0.0365  |
| 663 | 10.3 | 10.8 | 3.1786 | 2.7863 | -0.0025 | 5.9624 | -0.0034 | 0.0331 | -0.0074 | 0.0224  |
| 664 | 11   | 10.8 | 3.1783 | 2.7865 | -0.0026 | 5.9622 | -0.008  | 0.0222 | -0.0075 | 0.0066  |
| 665 | 10.7 | 10.7 | 3.178  | 2.7872 | -0.0023 | 5.9629 | -0.0073 | 0.0172 | -0.0064 | 0.0035  |
| 666 | 10.1 | 10.7 | 3.178  | 2.7877 | -0.0024 | 5.9633 | -0.0083 | 0.0118 | -0.0044 | -0.0009 |
| 667 | 10.6 | 10.7 | 3.1777 | 2.7879 | -0.0027 | 5.9629 | -0.0116 | 0.0106 | -0.0006 | -0.0016 |
| 668 | 10.4 | 10.7 | 3.1777 | 2.7876 | -0.0031 | 5.9622 | -0.0191 | 0.0087 | 0.0032  | -0.0073 |
| 669 | 10.7 | 10.7 | 3.1774 | 2.7875 | -0.0035 | 5.9614 | -0.0221 | 0.006  | 0.0049  | -0.0111 |
| 670 | 10.8 | 10.7 | 3.1768 | 2.7871 | -0.0037 | 5.9602 | -0.0149 | 0.0043 | 0.0032  | -0.0075 |
| 671 | 10.5 | 10.6 | 3.1765 | 2.7864 | -0.0037 | 5.9592 | -0.0057 | 0.0025 | 0.0012  | -0.002  |
| 672 | 11   | 10.6 | 3.1764 | 2.7857 | -0.0037 | 5.9585 | -0.0025 | 0.0067 | 0.0017  | 0.0059  |
| 673 | 10.9 | 10.6 | 3.1762 | 2.7849 | -0.0037 | 5.9573 | 0.0004  | 0.009  | 0.0004  | 0.0098  |
| 674 | 10.8 | 10.6 | 3.1761 | 2.7844 | -0.0038 | 5.9567 | 0.004   | 0.0106 | 0.0018  | 0.0164  |
| 675 | 10.9 | 10.6 | 3.1763 | 2.7846 | -0.0039 | 5.957  | 0.0061  | 0.0112 | 0.0038  | 0.0211  |
| 676 | 10.6 | 10.6 | 3.1771 | 2.7843 | -0.004  | 5.9573 | 0.008   | 0.0146 | 0.0055  | 0.0281  |
| 677 | 10.6 | 10.5 | 3.1779 | 2.7841 | -0.0043 | 5.9577 | 0.0081  | 0.017  | 0.0067  | 0.0318  |
| 678 | 10.7 | 10.5 | 3.1779 | 2.784  | -0.0043 | 5.9576 | 0.0014  | 0.0176 | 0.0056  | 0.0246  |
| 679 | 10.6 | 10.4 | 3.178  | 2.7837 | -0.0041 | 5.9576 | 0.0028  | 0.0227 | 0.0059  | 0.0314  |
| 680 | 10   | 10.3 | 3.1779 | 2.7836 | -0.0041 | 5.9575 | -0.0014 | 0.0254 | 0.0078  | 0.0318  |
| 681 | 10.3 | 10.3 | 3.1781 | 2.7836 | -0.0039 | 5.9577 | -0.0041 | 0.0306 | 0.0099  | 0.0365  |
| 682 | 10.6 | 10.2 | 3.1782 | 2.784  | -0.0036 | 5.9585 | -0.0052 | 0.0333 | 0.012   | 0.0401  |
| 683 | 10.5 | 10.1 | 3.1786 | 2.7842 | -0.0034 | 5.9595 | -0.0097 | 0.0357 | 0.012   | 0.038   |
| 684 | 9.93 | 10   | 3.1791 | 2.7844 | -0.0034 | 5.96   | -0.0086 | 0.0362 | 0.0116  | 0.0392  |
| 685 | 10.2 | 9.95 | 3.1796 | 2.7845 | -0.0034 | 5.9606 | -0.0034 | 0.0364 | 0.0097  | 0.0427  |
| 686 | 10.1 | 9.91 | 3.1795 | 2.7843 | -0.0034 | 5.9604 | -0.002  | 0.0373 | 0.0085  | 0.0438  |
| 687 | 9.73 | 9.89 | 3.1792 | 2.7845 | -0.0036 | 5.9601 | -0.0032 | 0.0416 | 0.0043  | 0.0426  |
| 688 | 9.32 | 9.83 | 3.1796 | 2.7841 | -0.0033 | 5.9605 | 0.0019  | 0.0402 | -0.0007 | 0.0414  |
| 689 | 9.06 | 9.79 | 3.1811 | 2.7843 | -0.0033 | 5.9621 | 0.0078  | 0.037  | -0.0028 | 0.042   |
| 690 | 9.26 | 9.81 | 3.1826 | 2.7846 | -0.0033 | 5.9639 | 0.0092  | 0.0335 | -0.0006 | 0.0421  |
| 691 | 9.18 | 9.82 | 3.1834 | 2.7846 | -0.0034 | 5.9645 | 0.0045  | 0.0257 | 0.0019  | 0.0321  |
| 692 | 9.4  | 9.79 | 3.1841 | 2.7846 | -0.0035 | 5.9651 | 0.0021  | 0.0162 | 0.0031  | 0.0214  |
| 693 | 9.48 | 9.76 | 3.1836 | 2.7845 | -0.0036 | 5.9645 | 0.0089  | 0.0077 | 0.0071  | 0.0238  |
| 694 | 9.4  | 9.81 | 3.1824 | 2.7845 | -0.0036 | 5.9633 | 0.0087  | 0.0039 | 0.0099  | 0.0225  |

|     |      |      |        |        |         |        |         |         |         |         |
|-----|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 695 | 9.82 | 9.82 | 3.1813 | 2.7849 | -0.0034 | 5.9627 | 0.0082  | -0.0002 | 0.0143  | 0.0223  |
| 696 | 10.2 | 9.79 | 3.1804 | 2.785  | -0.0033 | 5.962  | 0.0098  | 0.0037  | 0.015   | 0.0285  |
| 697 | 9.65 | 9.8  | 3.1798 | 2.7853 | -0.0032 | 5.9619 | 0.0128  | 0.0046  | 0.0146  | 0.032   |
| 698 | 9.74 | 9.84 | 3.1791 | 2.7853 | -0.0032 | 5.9612 | 0.015   | 0.0071  | 0.0155  | 0.0375  |
| 699 | 10.4 | 9.87 | 3.1786 | 2.7855 | -0.0033 | 5.9608 | 0.0165  | 0.0118  | 0.0176  | 0.046   |
| 700 | 10.6 | 9.93 | 3.1786 | 2.7855 | -0.0034 | 5.9607 | 0.0169  | 0.0158  | 0.0173  | 0.05    |
| 701 | 9.94 | 10   | 3.1787 | 2.7857 | -0.0035 | 5.9609 | 0.0129  | 0.0186  | 0.0178  | 0.0492  |
| 702 | 10.1 | 10.1 | 3.1785 | 2.7858 | -0.0033 | 5.961  | 0.0155  | 0.0164  | 0.0171  | 0.049   |
| 703 | 10.8 | 10.2 | 3.1783 | 2.7861 | -0.0032 | 5.9612 | 0.0141  | 0.0218  | 0.016   | 0.0519  |
| 704 | 10.3 | 10.2 | 3.1781 | 2.7862 | -0.0033 | 5.961  | 0.0129  | 0.0198  | 0.0129  | 0.0456  |
| 705 | 9.72 | 10.3 | 3.1781 | 2.7859 | -0.0035 | 5.9605 | 0.0105  | 0.0172  | 0.0112  | 0.0388  |
| 706 | 9.82 | 10.3 | 3.178  | 2.7853 | -0.0033 | 5.96   | 0.0053  | 0.0189  | 0.0117  | 0.036   |
| 707 | 10.2 | 10.4 | 3.1783 | 2.7852 | -0.0031 | 5.9604 | 0.0003  | 0.0183  | 0.0095  | 0.0281  |
| 708 | 9.61 | 10.4 | 3.1783 | 2.7851 | -0.0033 | 5.9601 | -0.0051 | 0.0195  | 0.0053  | 0.0196  |
| 709 | 10.4 | 10.4 | 3.1785 | 2.7857 | -0.0032 | 5.961  | -0.0016 | 0.0185  | 0.002   | 0.0189  |
| 710 | 10.7 | 10.4 | 3.1782 | 2.7855 | -0.003  | 5.9607 | 0.001   | 0.0135  | 0       | 0.0145  |
| 711 | 10.9 | 10.5 | 3.178  | 2.786  | -0.003  | 5.961  | -0.0029 | 0.0083  | 0.004   | 0.0093  |
| 712 | 11.1 | 10.5 | 3.1779 | 2.7861 | -0.003  | 5.9611 | -0.0104 | 0.0016  | 0.0083  | -0.0005 |
| 713 | 10.4 | 10.5 | 3.178  | 2.7867 | -0.0029 | 5.9618 | -0.018  | 0.0017  | 0.0107  | -0.0056 |
| 714 | 10.6 | 10.5 | 3.1779 | 2.787  | -0.0031 | 5.9619 | -0.02   | 0.001   | 0.0129  | -0.0061 |
| 715 | 10.7 | 10.5 | 3.1779 | 2.7873 | -0.0032 | 5.9621 | -0.0251 | 0.0044  | 0.0111  | -0.0097 |
| 716 | 10.8 | 10.6 | 3.1781 | 2.7871 | -0.0033 | 5.962  | -0.0286 | 0.0155  | 0.014   | 0.0009  |
| 717 | 10.9 | 10.6 | 3.1786 | 2.7868 | -0.0034 | 5.9621 | -0.0275 | 0.0213  | 0.0129  | 0.0067  |
| 718 | 10.9 | 10.6 | 3.1789 | 2.7865 | -0.0035 | 5.9619 | -0.0337 | 0.0242  | 0.0075  | -0.0019 |
| 719 | 10.3 | 10.6 | 3.1787 | 2.7864 | -0.0034 | 5.9617 | -0.0346 | 0.0204  | 0.0025  | -0.0117 |
| 720 | 11   | 10.6 | 3.1788 | 2.7863 | -0.0034 | 5.9617 | -0.0373 | 0.0171  | -0.0014 | -0.0216 |
| 721 | 10.3 | 10.6 | 3.179  | 2.7859 | -0.0035 | 5.9614 | -0.0437 | 0.0084  | -0.0024 | -0.0377 |
| 722 | 10.4 | 10.6 | 3.1789 | 2.7855 | -0.0035 | 5.9609 | -0.046  | -0.0015 | -0.0006 | -0.0481 |
| 723 | 10.4 | 10.6 | 3.1791 | 2.7852 | -0.0037 | 5.9606 | -0.0451 | -0.0079 | 0.0008  | -0.0522 |
| 724 | 10.6 | 10.5 | 3.1792 | 2.7853 | -0.0038 | 5.9606 | -0.0501 | -0.0155 | 0.001   | -0.0646 |
| 725 | 10.4 | 10.5 | 3.1792 | 2.7851 | -0.0039 | 5.9604 | -0.053  | -0.0188 | 0.003   | -0.0687 |
| 726 | 10.2 | 10.5 | 3.1791 | 2.7848 | -0.004  | 5.96   | -0.0509 | -0.015  | 0.0061  | -0.0598 |
| 727 | 10.3 | 10.5 | 3.1796 | 2.7847 | -0.0039 | 5.9604 | -0.0413 | -0.0169 | 0.006   | -0.0522 |
| 728 | 10.7 | 10.5 | 3.1796 | 2.7845 | -0.004  | 5.9601 | -0.0295 | -0.0097 | 0.0043  | -0.0349 |
| 729 | 10.4 | 10.5 | 3.1799 | 2.7841 | -0.0041 | 5.9599 | -0.0317 | -0.0004 | 0.0022  | -0.03   |
| 730 | 10.8 | 10.5 | 3.1801 | 2.7838 | -0.0042 | 5.9597 | -0.0325 | 0.0069  | 0.0017  | -0.0239 |
| 731 | 10.8 | 10.5 | 3.1801 | 2.784  | -0.0042 | 5.9599 | -0.0315 | 0.0141  | -0.0005 | -0.0179 |

|     |      |      |        |        |         |        |         |         |         |         |
|-----|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 732 | 10.3 | 10.5 | 3.1797 | 2.7838 | -0.0042 | 5.9593 | -0.0334 | 0.0188  | 0.0013  | -0.0134 |
| 733 | 10.4 | 10.5 | 3.1794 | 2.784  | -0.0042 | 5.9592 | -0.0371 | 0.0211  | 0.0029  | -0.0131 |
| 734 | 10.5 | 10.5 | 3.1791 | 2.784  | -0.0042 | 5.9589 | -0.0312 | 0.0197  | 0.0006  | -0.0109 |
| 735 | 10.2 | 10.4 | 3.179  | 2.7838 | -0.0041 | 5.9587 | -0.0265 | 0.0155  | -0.0008 | -0.0118 |
| 736 | 10.6 | 10.4 | 3.1792 | 2.7834 | -0.0037 | 5.9589 | -0.0224 | 0.0121  | -0.0001 | -0.0103 |
| 737 | 10.6 | 10.4 | 3.1792 | 2.7832 | -0.0031 | 5.9592 | -0.0231 | 0.0069  | -0.001  | -0.0172 |
| 738 | 10.8 | 10.3 | 3.179  | 2.7832 | -0.0029 | 5.9593 | -0.0277 | 0.0046  | -0.0027 | -0.0258 |
| 739 | 10.5 | 10.3 | 3.1787 | 2.7835 | -0.003  | 5.9592 | -0.0224 | -0.0065 | -0.0002 | -0.0291 |
| 740 | 10.9 | 10.2 | 3.1789 | 2.7841 | -0.0032 | 5.9598 | -0.0059 | -0.0081 | -0.0013 | -0.0153 |
| 741 | 10.4 | 10.2 | 3.179  | 2.7844 | -0.0034 | 5.96   | 0.0113  | -0.0092 | -0.002  | 0       |
| 742 | 9.92 | 10.2 | 3.1788 | 2.7854 | -0.0037 | 5.9605 | 0.0177  | -0.0115 | -0.0019 | 0.0044  |
| 743 | 10.1 | 10.2 | 3.179  | 2.7858 | -0.0039 | 5.961  | 0.0238  | -0.0102 | -0.0026 | 0.011   |
| 744 | 9.95 | 10.1 | 3.1793 | 2.7862 | -0.0041 | 5.9614 | 0.0145  | -0.0117 | -0.0044 | -0.0015 |
| 745 | 9.66 | 10.1 | 3.1796 | 2.7862 | -0.0042 | 5.9617 | 0       | -0.0122 | -0.0058 | -0.0181 |
| 746 | 9.24 | 10.1 | 3.1799 | 2.7861 | -0.0041 | 5.9619 | -0.0105 | -0.0078 | -0.0035 | -0.0218 |
| 747 | 9.62 | 10.1 | 3.18   | 2.786  | -0.0042 | 5.9618 | -0.0166 | -0.0099 | -0.0011 | -0.0276 |
| 748 | 9.86 | 10   | 3.1801 | 2.7856 | -0.0042 | 5.9615 | -0.0191 | -0.0111 | 0       | -0.0301 |
| 749 | 9.98 | 10   | 3.1801 | 2.7854 | -0.0042 | 5.9613 | -0.0244 | -0.013  | 0       | -0.0373 |
| 750 | 10.1 | 9.98 | 3.1799 | 2.7852 | -0.0043 | 5.9607 | -0.0286 | -0.012  | 0.0003  | -0.0403 |
| 751 | 10.1 | 9.98 | 3.1794 | 2.7855 | -0.0042 | 5.9607 | -0.0267 | -0.0111 | 0.0007  | -0.0371 |
| 752 | 10.1 | 10   | 3.1795 | 2.785  | -0.0041 | 5.9604 | -0.0272 | -0.0079 | 0.0012  | -0.0339 |
| 753 | 9.62 | 10   | 3.1795 | 2.7852 | -0.004  | 5.9607 | -0.0364 | -0.0035 | 0.0054  | -0.0345 |
| 754 | 10.4 | 10.1 | 3.1797 | 2.7855 | -0.0039 | 5.9613 | -0.0446 | 0.0047  | 0.0098  | -0.0301 |
| 755 | 10.3 | 10.1 | 3.1797 | 2.7854 | -0.004  | 5.9611 | -0.0401 | 0.009   | 0.0104  | -0.0207 |
| 756 | 9.81 | 10.1 | 3.1799 | 2.7853 | -0.0039 | 5.9613 | -0.0303 | 0.0053  | 0.0085  | -0.0165 |
| 757 | 10   | 10.1 | 3.1799 | 2.7851 | -0.0038 | 5.9611 | -0.0288 | 0.0077  | 0.0044  | -0.0166 |
| 758 | 10.1 | 10.1 | 3.1798 | 2.7849 | -0.0038 | 5.9609 | -0.0234 | 0.0136  | 0.0021  | -0.0077 |
| 759 | 10.2 | 10.1 | 3.1797 | 2.7851 | -0.0036 | 5.9612 | -0.018  | 0.0119  | -0.0049 | -0.0111 |
| 760 | 10.4 | 10.1 | 3.1797 | 2.7855 | -0.0037 | 5.9615 | -0.0192 | 0.0108  | -0.0019 | -0.0103 |
| 761 | 10.6 | 10.1 | 3.18   | 2.7859 | -0.0037 | 5.9622 | -0.0276 | 0.01    | -0.0008 | -0.0184 |
| 762 | 10.4 | 10.1 | 3.1804 | 2.786  | -0.0036 | 5.9627 | -0.0266 | 0.0143  | 0       | -0.0123 |
| 763 | 10.4 | 10.2 | 3.1806 | 2.7862 | -0.0038 | 5.963  | -0.0295 | 0.0169  | 0       | -0.0127 |
| 764 | 10.1 | 10.2 | 3.1808 | 2.7861 | -0.0037 | 5.9632 | -0.0381 | 0.0237  | -0.0014 | -0.0158 |
| 765 | 10.1 | 10.3 | 3.1809 | 2.7857 | -0.0037 | 5.9629 | -0.0484 | 0.0257  | -0.0041 | -0.0268 |
| 766 | 10   | 10.3 | 3.1808 | 2.7856 | -0.0037 | 5.9627 | -0.0594 | 0.0279  | -0.005  | -0.0365 |
| 767 | 9.71 | 10.3 | 3.1811 | 2.7855 | -0.0035 | 5.9631 | -0.0662 | 0.0256  | -0.005  | -0.0456 |
| 768 | 10   | 10.4 | 3.1812 | 2.7856 | -0.0034 | 5.9634 | -0.0677 | 0.0174  | -0.0066 | -0.057  |

|     |      |      |        |        |         |        |         |         |         |         |
|-----|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 769 | 9.92 | 10.4 | 3.1812 | 2.7858 | -0.0034 | 5.9636 | -0.068  | 0.0069  | -0.0097 | -0.0708 |
| 770 | 10.3 | 10.4 | 3.1811 | 2.7862 | -0.0035 | 5.9639 | -0.07   | 0.006   | -0.007  | -0.071  |
| 771 | 10.2 | 10.4 | 3.1811 | 2.7865 | -0.0036 | 5.964  | -0.0738 | 0.0047  | -0.007  | -0.0761 |
| 772 | 10.8 | 10.4 | 3.1809 | 2.7865 | -0.0038 | 5.9637 | -0.0717 | 0.0008  | -0.0066 | -0.0775 |
| 773 | 10.6 | 10.4 | 3.1812 | 2.7864 | -0.0038 | 5.9638 | -0.0677 | -0.0057 | -0.0053 | -0.0788 |
| 774 | 11   | 10.5 | 3.1814 | 2.7863 | -0.0041 | 5.9636 | -0.0562 | -0.01   | -0.0064 | -0.0725 |
| 775 | 10.6 | 10.5 | 3.1814 | 2.7861 | -0.0045 | 5.963  | -0.0365 | -0.01   | -0.007  | -0.0535 |
| 776 | 10.9 | 10.5 | 3.1812 | 2.786  | -0.0046 | 5.9626 | -0.0196 | -0.0101 | -0.0075 | -0.0372 |
| 777 | 10.6 | 10.6 | 3.1809 | 2.7851 | -0.0047 | 5.9612 | -0.0113 | -0.0114 | -0.0106 | -0.0333 |
| 778 | 10.5 | 10.6 | 3.1811 | 2.784  | -0.0045 | 5.9606 | -0.0007 | -0.0135 | -0.0112 | -0.0253 |
| 779 | 10.9 | 10.6 | 3.1812 | 2.783  | -0.0043 | 5.9599 | 0.011   | -0.0133 | -0.0111 | -0.0134 |
| 780 | 10.8 | 10.6 | 3.1811 | 2.7822 | -0.004  | 5.9592 | 0.0232  | -0.0178 | -0.0101 | -0.0047 |
| 781 | 10.6 | 10.6 | 3.1814 | 2.7817 | -0.0041 | 5.959  | 0.0281  | -0.0218 | -0.01   | -0.0038 |
| 782 | 10.9 | 10.7 | 3.1819 | 2.7819 | -0.0039 | 5.9599 | 0.0337  | -0.016  | -0.01   | 0.0077  |
| 783 | 10.5 | 10.7 | 3.1818 | 2.7822 | -0.0034 | 5.9606 | 0.0337  | -0.0137 | -0.0096 | 0.0104  |
| 784 | 10.4 | 10.6 | 3.1817 | 2.7828 | -0.0033 | 5.9612 | 0.0331  | -0.0093 | -0.008  | 0.0159  |
| 785 | 10.7 | 10.6 | 3.1818 | 2.7833 | -0.0034 | 5.9617 | 0.0335  | -0.0092 | -0.0084 | 0.0159  |
| 786 | 11   | 10.6 | 3.1818 | 2.7836 | -0.0033 | 5.9621 | 0.0345  | -0.0091 | -0.0085 | 0.0169  |
| 787 | 10.7 | 10.6 | 3.182  | 2.784  | -0.0033 | 5.9627 | 0.0383  | -0.0136 | -0.0032 | 0.0215  |
| 788 | 10.5 | 10.6 | 3.1819 | 2.7848 | -0.0033 | 5.9634 | 0.0399  | -0.0134 | 0.0021  | 0.0286  |
| 789 | 9.99 | 10.6 | 3.1817 | 2.7851 | -0.0032 | 5.9637 | 0.0378  | -0.0098 | 0.0038  | 0.0317  |
| 790 | 10.4 | 10.6 | 3.1815 | 2.7855 | -0.0031 | 5.9639 | 0.0311  | -0.0065 | 0.004   | 0.0287  |
| 791 | 11.1 | 10.6 | 3.1816 | 2.7858 | -0.0033 | 5.9641 | 0.0309  | 0.0033  | 0.0021  | 0.0363  |
| 792 | 10.6 | 10.6 | 3.1817 | 2.7856 | -0.0033 | 5.964  | 0.03    | 0.0082  | 0.001   | 0.0392  |
| 793 | 10.2 | 10.6 | 3.1822 | 2.7856 | -0.0031 | 5.9647 | 0.0293  | 0.0282  | -0.0023 | 0.0552  |
| 794 | 10.5 | 10.5 | 3.1824 | 2.7857 | -0.003  | 5.9651 | 0.032   | 0.0394  | -0.006  | 0.0654  |
| 795 | 10.7 | 10.5 | 3.1823 | 2.7857 | -0.0031 | 5.9649 | 0.0328  | 0.0401  | -0.0103 | 0.0626  |
| 796 | 9.99 | 10.5 | 3.182  | 2.786  | -0.0032 | 5.9648 | 0.0379  | 0.0377  | -0.0107 | 0.0649  |
| 797 | 10.8 | 10.5 | 3.1817 | 2.7864 | -0.0032 | 5.9649 | 0.0416  | 0.0341  | -0.0086 | 0.0672  |
| 798 | 10.9 | 10.5 | 3.1815 | 2.7866 | -0.0032 | 5.9649 | 0.0421  | 0.0306  | -0.0064 | 0.0664  |
| 799 | 10.6 | 10.5 | 3.1815 | 2.7867 | -0.0033 | 5.9648 | 0.0413  | 0.0268  | -0.004  | 0.0642  |
| 800 | 10.7 | 10.6 | 3.1813 | 2.7866 | -0.0035 | 5.9644 | 0.0415  | 0.0258  | 0.0007  | 0.068   |
| 801 | 10.7 | 10.5 | 3.1814 | 2.7865 | -0.0036 | 5.9643 | 0.0413  | 0.0211  | 0.0037  | 0.0662  |
| 802 | 10.2 | 10.5 | 3.1821 | 2.7861 | -0.0039 | 5.9644 | 0.0422  | 0.0291  | 0.0068  | 0.0781  |
| 803 | 9.95 | 10.5 | 3.1828 | 2.7856 | -0.0042 | 5.9642 | 0.045   | 0.0272  | 0.01    | 0.0822  |
| 804 | 10.2 | 10.5 | 3.1821 | 2.7853 | -0.0044 | 5.9631 | 0.0473  | 0.03    | 0.012   | 0.0893  |
| 805 | 10.3 | 10.5 | 3.1811 | 2.7854 | -0.0043 | 5.9622 | 0.0517  | 0.04    | 0.0116  | 0.1033  |

|     |      |      |        |        |         |        |        |        |         |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|---------|--------|
| 806 | 10.4 | 10.6 | 3.1809 | 2.7845 | -0.0038 | 5.9617 | 0.0545 | 0.0432 | 0.0103  | 0.108  |
| 807 | 10.7 | 10.5 | 3.1806 | 2.7838 | -0.0033 | 5.9611 | 0.0586 | 0.0426 | 0.0113  | 0.1125 |
| 808 | 11   | 10.5 | 3.1801 | 2.7839 | -0.0028 | 5.9612 | 0.0603 | 0.0433 | 0.0106  | 0.1143 |
| 809 | 11.1 | 10.5 | 3.1804 | 2.7846 | -0.003  | 5.962  | 0.0559 | 0.0405 | 0.0111  | 0.1074 |
| 810 | 10.4 | 10.4 | 3.1809 | 2.7845 | -0.0029 | 5.9625 | 0.0531 | 0.0437 | 0.0149  | 0.1117 |
| 811 | 10.6 | 10.4 | 3.1807 | 2.7845 | -0.003  | 5.9622 | 0.052  | 0.0516 | 0.0146  | 0.1182 |
| 812 | 10.7 | 10.3 | 3.1809 | 2.7844 | -0.003  | 5.9623 | 0.0535 | 0.0571 | 0.0148  | 0.1254 |
| 813 | 10.6 | 10.3 | 3.1818 | 2.7844 | -0.0028 | 5.9634 | 0.0566 | 0.0634 | 0.0195  | 0.1395 |
| 814 | 10.5 | 10.3 | 3.1827 | 2.7845 | -0.0026 | 5.9646 | 0.0599 | 0.061  | 0.0171  | 0.138  |
| 815 | 10.7 | 10.3 | 3.1839 | 2.7845 | -0.0027 | 5.9657 | 0.0652 | 0.0613 | 0.0177  | 0.1442 |
| 816 | 10.3 | 10.3 | 3.1848 | 2.7846 | -0.0028 | 5.9666 | 0.0671 | 0.0515 | 0.0137  | 0.1323 |
| 817 | 10.1 | 10.2 | 3.1854 | 2.7851 | -0.0027 | 5.9678 | 0.0627 | 0.0485 | 0.0125  | 0.1237 |
| 818 | 9.97 | 10.2 | 3.1857 | 2.7858 | -0.0025 | 5.969  | 0.0667 | 0.0473 | 0.014   | 0.128  |
| 819 | 9.59 | 10.2 | 3.1857 | 2.7858 | -0.0027 | 5.9688 | 0.0687 | 0.048  | 0.0136  | 0.1303 |
| 820 | 9.92 | 10.2 | 3.1862 | 2.7858 | -0.0027 | 5.9693 | 0.066  | 0.0485 | 0.0125  | 0.127  |
| 821 | 9.62 | 10.2 | 3.1861 | 2.7858 | -0.0028 | 5.9691 | 0.065  | 0.0515 | 0.0126  | 0.129  |
| 822 | 9.63 | 10.2 | 3.1856 | 2.7861 | -0.0029 | 5.9688 | 0.0664 | 0.0544 | 0.0116  | 0.1324 |
| 823 | 9.9  | 10.2 | 3.1847 | 2.7862 | -0.003  | 5.9679 | 0.0678 | 0.0566 | 0.0102  | 0.1346 |
| 824 | 9.84 | 10.3 | 3.1828 | 2.7863 | -0.0031 | 5.966  | 0.0707 | 0.0605 | 0.01    | 0.1411 |
| 825 | 9.91 | 10.3 | 3.1812 | 2.7861 | -0.0031 | 5.9641 | 0.0711 | 0.0657 | 0.0061  | 0.1429 |
| 826 | 9.99 | 10.3 | 3.1803 | 2.7859 | -0.0029 | 5.9633 | 0.0669 | 0.067  | -0.0021 | 0.1319 |
| 827 | 10.4 | 10.4 | 3.1796 | 2.786  | -0.0028 | 5.9629 | 0.0662 | 0.0708 | -0.0044 | 0.1327 |
| 828 | 10.8 | 10.4 | 3.1785 | 2.7859 | -0.0029 | 5.9615 | 0.0634 | 0.0634 | -0.0075 | 0.1193 |
| 829 | 11   | 10.5 | 3.1776 | 2.7859 | -0.0031 | 5.9604 | 0.0638 | 0.0499 | -0.0053 | 0.1084 |
| 830 | 10.7 | 10.5 | 3.1773 | 2.786  | -0.0032 | 5.9601 | 0.0578 | 0.0366 | -0.0036 | 0.0908 |
| 831 | 11.1 | 10.6 | 3.1768 | 2.7856 | -0.0032 | 5.9591 | 0.0491 | 0.0207 | -0.0046 | 0.0652 |
| 832 | 10.5 | 10.7 | 3.1763 | 2.7852 | -0.0032 | 5.9583 | 0.0471 | 0.0064 | -0.009  | 0.0445 |
| 833 | 11.1 | 10.7 | 3.1761 | 2.7849 | -0.0034 | 5.9576 | 0.0463 | 0.0052 | -0.0111 | 0.0405 |
| 834 | 10.9 | 10.7 | 3.1757 | 2.7849 | -0.0034 | 5.9573 | 0.0413 | 0.0011 | -0.0045 | 0.038  |
| 835 | 10.9 | 10.8 | 3.1756 | 2.7848 | -0.0033 | 5.957  | 0.0422 | 0.0024 | -0.0005 | 0.0441 |
| 836 | 11   | 10.8 | 3.1754 | 2.7848 | -0.0034 | 5.9568 | 0.0456 | 0.0018 | -0.0009 | 0.0464 |
| 837 | 11.3 | 10.8 | 3.1752 | 2.7845 | -0.0033 | 5.9564 | 0.0451 | 0.0004 | -0.0009 | 0.0447 |
| 838 | 11.2 | 10.8 | 3.1752 | 2.7842 | -0.0033 | 5.9561 | 0.0439 | 0.002  | -0.001  | 0.0449 |
| 839 | 10.6 | 10.8 | 3.1756 | 2.7841 | -0.0034 | 5.9563 | 0.0405 | 0.0107 | -0.0008 | 0.0504 |
| 840 | 11.2 | 10.8 | 3.1758 | 2.7837 | -0.0034 | 5.9561 | 0.0339 | 0.0144 | 0.0008  | 0.0491 |
| 841 | 10.3 | 10.8 | 3.176  | 2.7836 | -0.0035 | 5.9561 | 0.023  | 0.0187 | 0.0051  | 0.0468 |
| 842 | 10.4 | 10.8 | 3.1759 | 2.7826 | -0.0035 | 5.955  | 0.0164 | 0.0202 | 0.0075  | 0.0441 |



|     |      |      |        |        |         |        |        |        |         |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|---------|--------|
| 843 | 10.6 | 10.8 | 3.1758 | 2.7819 | -0.0033 | 5.9544 | 0.0167 | 0.0215 | 0.0092  | 0.0474 |
| 844 | 10.6 | 10.8 | 3.176  | 2.7822 | -0.0031 | 5.9551 | 0.0204 | 0.0287 | 0.0102  | 0.0592 |
| 845 | 10.7 | 10.8 | 3.1758 | 2.7825 | -0.0031 | 5.9552 | 0.0248 | 0.0376 | 0.0102  | 0.0726 |
| 846 | 10.9 | 10.7 | 3.1757 | 2.7827 | -0.0032 | 5.9552 | 0.0265 | 0.0421 | 0.0078  | 0.0764 |
| 847 | 10.6 | 10.7 | 3.1757 | 2.7829 | -0.0035 | 5.9552 | 0.0264 | 0.0474 | 0.0053  | 0.0791 |
| 848 | 10.7 | 10.7 | 3.176  | 2.7829 | -0.0038 | 5.9551 | 0.0265 | 0.0521 | 0.0059  | 0.0844 |
| 849 | 10.8 | 10.7 | 3.176  | 2.7829 | -0.0043 | 5.9545 | 0.024  | 0.057  | 0.004   | 0.085  |
| 850 | 10.9 | 10.7 | 3.1757 | 2.7831 | -0.0047 | 5.9541 | 0.0216 | 0.0571 | 0.0006  | 0.0792 |
| 851 | 10.8 | 10.7 | 3.1752 | 2.7825 | -0.0049 | 5.9529 | 0.0197 | 0.0587 | -0.0007 | 0.0777 |
| 852 | 10.8 | 10.7 | 3.175  | 2.7823 | -0.0051 | 5.9522 | 0.0188 | 0.0541 | 0.0006  | 0.0736 |
| 853 | 10.8 | 10.6 | 3.1748 | 2.7822 | -0.0052 | 5.9518 | 0.0257 | 0.0565 | -0.0002 | 0.082  |
| 854 | 11   | 10.6 | 3.1745 | 2.7815 | -0.0051 | 5.9509 | 0.0316 | 0.0514 | -0.0016 | 0.0814 |
| 855 | 10.2 | 10.6 | 3.1742 | 2.7811 | -0.005  | 5.9503 | 0.0247 | 0.0479 | -0.0007 | 0.0718 |
| 856 | 10.8 | 10.6 | 3.174  | 2.781  | -0.005  | 5.95   | 0.0123 | 0.044  | 0.0013  | 0.0576 |
| 857 | 11.2 | 10.5 | 3.1738 | 2.7807 | -0.0049 | 5.9497 | 0.011  | 0.0354 | 0.0085  | 0.0549 |
| 858 | 10.6 | 10.5 | 3.1742 | 2.7809 | -0.0049 | 5.9501 | 0.0099 | 0.0309 | 0.0145  | 0.0553 |
| 859 | 10.2 | 10.5 | 3.1744 | 2.7807 | -0.0051 | 5.95   | 0.0042 | 0.0271 | 0.0208  | 0.0521 |
| 860 | 9.93 | 10.4 | 3.1745 | 2.7803 | -0.0051 | 5.9497 | 0.0068 | 0.0282 | 0.021   | 0.056  |
| 861 | 10.3 | 10.4 | 3.1747 | 2.7802 | -0.0052 | 5.9497 | 0.0134 | 0.0252 | 0.0228  | 0.0614 |
| 862 | 10.6 | 10.3 | 3.1747 | 2.7797 | -0.0056 | 5.9488 | 0.0139 | 0.0275 | 0.0211  | 0.0625 |
| 863 | 10.3 | 10.3 | 3.1746 | 2.7801 | -0.0055 | 5.9492 | 0.0151 | 0.0279 | 0.0226  | 0.0656 |
| 864 | 10.2 | 10.2 | 3.1743 | 2.7799 | -0.0055 | 5.9488 | 0.0243 | 0.0326 | 0.0252  | 0.0821 |
| 865 | 10.1 | 10.2 | 3.1742 | 2.7805 | -0.0051 | 5.9496 | 0.0323 | 0.041  | 0.0276  | 0.1009 |
| 866 | 10   | 10.2 | 3.1745 | 2.7807 | -0.0049 | 5.9503 | 0.047  | 0.0489 | 0.0274  | 0.1232 |
| 867 | 10.2 | 10.2 | 3.1744 | 2.7807 | -0.0049 | 5.9503 | 0.0587 | 0.0482 | 0.0268  | 0.1337 |
| 868 | 10.1 | 10.2 | 3.1743 | 2.7808 | -0.0048 | 5.9503 | 0.0665 | 0.0541 | 0.0309  | 0.1515 |
| 869 | 10.3 | 10.2 | 3.1746 | 2.781  | -0.0046 | 5.9509 | 0.0705 | 0.0688 | 0.0355  | 0.1748 |
| 870 | 9.63 | 10.2 | 3.1746 | 2.7811 | -0.0047 | 5.951  | 0.0718 | 0.0726 | 0.0332  | 0.1776 |
| 871 | 9.46 | 10.2 | 3.1745 | 2.7811 | -0.0048 | 5.9508 | 0.0832 | 0.0775 | 0.032   | 0.1927 |
| 872 | 9.8  | 10.2 | 3.1742 | 2.7809 | -0.0048 | 5.9502 | 0.0872 | 0.0803 | 0.0318  | 0.1993 |
| 873 | 9.95 | 10.2 | 3.1741 | 2.7804 | -0.0048 | 5.9497 | 0.0813 | 0.0836 | 0.0317  | 0.1966 |
| 874 | 10.5 | 10.2 | 3.1743 | 2.7797 | -0.0047 | 5.9493 | 0.0718 | 0.0861 | 0.0294  | 0.1872 |
| 875 | 10.3 | 10.2 | 3.1747 | 2.7794 | -0.0043 | 5.9498 | 0.0534 | 0.0864 | 0.0265  | 0.1664 |
| 876 | 10.8 | 10.2 | 3.1746 | 2.7789 | -0.0042 | 5.9493 | 0.0396 | 0.0906 | 0.0265  | 0.1567 |
| 877 | 10.2 | 10.2 | 3.1745 | 2.7787 | -0.004  | 5.9492 | 0.0289 | 0.0871 | 0.0285  | 0.1445 |
| 878 | 10.4 | 10.2 | 3.1747 | 2.779  | -0.004  | 5.9498 | 0.0204 | 0.0865 | 0.0285  | 0.1353 |
| 879 | 10.2 | 10.1 | 3.1754 | 2.7793 | -0.0039 | 5.9509 | 0.0103 | 0.0857 | 0.0283  | 0.1243 |

|     |      |      |        |        |         |        |         |         |         |         |
|-----|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 880 | 10.8 | 10.2 | 3.1762 | 2.7801 | -0.0036 | 5.9527 | 0.0024  | 0.0869  | 0.0258  | 0.1151  |
| 881 | 10.5 | 10.2 | 3.1767 | 2.781  | -0.0032 | 5.9546 | 0.0007  | 0.0872  | 0.0232  | 0.1112  |
| 882 | 9.93 | 10.3 | 3.1772 | 2.7814 | -0.0028 | 5.9558 | -0.0012 | 0.081   | 0.0222  | 0.102   |
| 883 | 9.88 | 10.3 | 3.1776 | 2.7821 | -0.003  | 5.9568 | -0.0052 | 0.0791  | 0.0216  | 0.0955  |
| 884 | 10.2 | 10.3 | 3.1775 | 2.7826 | -0.0032 | 5.9568 | -0.0052 | 0.0683  | 0.021   | 0.0841  |
| 885 | 10.1 | 10.3 | 3.1772 | 2.7831 | -0.0033 | 5.957  | -0.009  | 0.0681  | 0.0203  | 0.0794  |
| 886 | 10.5 | 10.2 | 3.1773 | 2.7836 | -0.0032 | 5.9576 | -0.0135 | 0.0647  | 0.0196  | 0.0708  |
| 887 | 9.96 | 10.2 | 3.1776 | 2.7838 | -0.0032 | 5.9582 | -0.0188 | 0.0618  | 0.0174  | 0.0605  |
| 888 | 9.81 | 10.3 | 3.1778 | 2.7837 | -0.0032 | 5.9583 | -0.0188 | 0.06    | 0.0184  | 0.0596  |
| 889 | 10.1 | 10.3 | 3.1783 | 2.7837 | -0.0033 | 5.9588 | -0.0164 | 0.0535  | 0.0195  | 0.0567  |
| 890 | 10.7 | 10.3 | 3.1792 | 2.7837 | -0.0036 | 5.9592 | -0.0131 | 0.0495  | 0.0187  | 0.055   |
| 891 | 10.4 | 10.3 | 3.18   | 2.7837 | -0.004  | 5.9597 | -0.0111 | 0.0428  | 0.0196  | 0.0513  |
| 892 | 10.1 | 10.4 | 3.18   | 2.7835 | -0.0042 | 5.9593 | -0.0068 | 0.0413  | 0.019   | 0.0535  |
| 893 | 10.2 | 10.4 | 3.1801 | 2.7828 | -0.0041 | 5.9588 | -0.0038 | 0.0345  | 0.0168  | 0.0474  |
| 894 | 10.4 | 10.5 | 3.1799 | 2.7819 | -0.004  | 5.9578 | -0.0027 | 0.0312  | 0.0175  | 0.0461  |
| 895 | 10.3 | 10.5 | 3.1797 | 2.7815 | -0.0039 | 5.9573 | 0.0009  | 0.0442  | 0.015   | 0.0601  |
| 896 | 10.3 | 10.5 | 3.1794 | 2.7812 | -0.0037 | 5.9569 | -0.0067 | 0.0465  | 0.0129  | 0.0528  |
| 897 | 10.7 | 10.6 | 3.179  | 2.7812 | -0.0038 | 5.9565 | -0.0104 | 0.0483  | 0.0106  | 0.0485  |
| 898 | 10.7 | 10.6 | 3.1791 | 2.7809 | -0.0036 | 5.9564 | -0.0103 | 0.0503  | 0.0076  | 0.0476  |
| 899 | 10.9 | 10.7 | 3.1793 | 2.781  | -0.0034 | 5.9569 | -0.0066 | 0.0507  | 0.004   | 0.0481  |
| 900 | 10.9 | 10.7 | 3.1793 | 2.7808 | -0.0034 | 5.9567 | -0.0154 | 0.0501  | -0.0011 | 0.0335  |
| 901 | 10.8 | 10.7 | 3.1795 | 2.781  | -0.0036 | 5.9569 | -0.0251 | 0.0535  | -0.0055 | 0.0228  |
| 902 | 11.2 | 10.7 | 3.1795 | 2.7805 | -0.0038 | 5.9562 | -0.0334 | 0.0486  | -0.0079 | 0.0073  |
| 903 | 11   | 10.7 | 3.1796 | 2.7805 | -0.004  | 5.956  | -0.039  | 0.043   | -0.012  | -0.008  |
| 904 | 10.8 | 10.8 | 3.1796 | 2.7805 | -0.0043 | 5.9559 | -0.0415 | 0.0435  | -0.0154 | -0.0134 |
| 905 | 11.1 | 10.8 | 3.1799 | 2.781  | -0.0045 | 5.9564 | -0.0548 | 0.0361  | -0.0165 | -0.0352 |
| 906 | 10.8 | 10.8 | 3.1798 | 2.781  | -0.0046 | 5.9562 | -0.0694 | 0.0314  | -0.0169 | -0.0549 |
| 907 | 10.8 | 10.8 | 3.1796 | 2.7807 | -0.0048 | 5.9556 | -0.0779 | 0.0301  | -0.012  | -0.0599 |
| 908 | 10.8 | 10.8 | 3.1797 | 2.7812 | -0.0049 | 5.956  | -0.0809 | 0.0254  | -0.0108 | -0.0664 |
| 909 | 10.7 | 10.7 | 3.1797 | 2.7818 | -0.0051 | 5.9564 | -0.0698 | 0.0254  | -0.0087 | -0.0532 |
| 910 | 10.5 | 10.7 | 3.1796 | 2.782  | -0.0052 | 5.9564 | -0.0538 | 0.0226  | -0.0098 | -0.0411 |
| 911 | 11   | 10.6 | 3.1793 | 2.7818 | -0.0051 | 5.956  | -0.0461 | 0.0198  | -0.012  | -0.0384 |
| 912 | 10.5 | 10.6 | 3.1794 | 2.7816 | -0.0052 | 5.9558 | -0.0409 | 0.0198  | -0.0143 | -0.0354 |
| 913 | 10.9 | 10.5 | 3.1794 | 2.7811 | -0.0053 | 5.9551 | -0.0356 | 0.0089  | -0.0197 | -0.0464 |
| 914 | 10.7 | 10.5 | 3.1795 | 2.7804 | -0.0054 | 5.9545 | -0.0292 | 0.0075  | -0.0213 | -0.043  |
| 915 | 10.6 | 10.4 | 3.1792 | 2.7796 | -0.0054 | 5.9534 | -0.0316 | -0.0082 | -0.0231 | -0.063  |
| 916 | 10.4 | 10.4 | 3.1789 | 2.7798 | -0.0055 | 5.9532 | -0.0342 | -0.0099 | -0.0197 | -0.0638 |

|     |      |      |        |        |         |        |         |         |         |         |
|-----|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 917 | 10.4 | 10.3 | 3.1787 | 2.7797 | -0.0058 | 5.9526 | -0.0319 | -0.009  | -0.0189 | -0.0598 |
| 918 | 9.91 | 10.2 | 3.1786 | 2.779  | -0.0061 | 5.9515 | -0.039  | -0.0136 | -0.0167 | -0.0693 |
| 919 | 9.82 | 10.2 | 3.1785 | 2.7785 | -0.006  | 5.951  | -0.0444 | -0.0152 | -0.0156 | -0.0751 |
| 920 | 10.3 | 10.2 | 3.1779 | 2.7781 | -0.0059 | 5.95   | -0.0446 | -0.0164 | -0.0145 | -0.0756 |
| 921 | 9.65 | 10.1 | 3.1774 | 2.7778 | -0.006  | 5.9492 | -0.0434 | -0.02   | -0.0155 | -0.0789 |
| 922 | 10.1 | 10.1 | 3.1775 | 2.7777 | -0.0061 | 5.9491 | -0.0394 | -0.0203 | -0.0163 | -0.0761 |
| 923 | 10.2 | 10.1 | 3.1775 | 2.7776 | -0.006  | 5.9492 | -0.0359 | -0.0242 | -0.0146 | -0.0747 |
| 924 | 9.53 | 10.1 | 3.1775 | 2.7776 | -0.0058 | 5.9493 | -0.031  | -0.0289 | -0.013  | -0.0728 |
| 925 | 9.78 | 10   | 3.1772 | 2.777  | -0.0058 | 5.9484 | -0.0277 | -0.0313 | -0.0098 | -0.0688 |
| 926 | 9.56 | 9.98 | 3.1774 | 2.7772 | -0.0058 | 5.9488 | -0.0219 | -0.0351 | -0.005  | -0.062  |
| 927 | 9.72 | 9.94 | 3.1776 | 2.7774 | -0.0057 | 5.9493 | -0.0176 | -0.0381 | -0.0032 | -0.0588 |
| 928 | 10.4 | 9.94 | 3.1775 | 2.7773 | -0.0057 | 5.9491 | -0.0135 | -0.0311 | -0.0018 | -0.0465 |
| 929 | 10.5 | 9.93 | 3.1773 | 2.7772 | -0.0057 | 5.9489 | -0.0071 | -0.0229 | -0.0029 | -0.033  |
| 930 | 9.67 | 9.93 | 3.1772 | 2.7773 | -0.0055 | 5.949  | 0.0024  | -0.0165 | -0.0041 | -0.0183 |
| 931 | 9.98 | 9.98 | 3.1769 | 2.7775 | -0.0054 | 5.9489 | 0.0108  | -0.0085 | 0.0013  | 0.0036  |
| 932 | 10.4 | 9.97 | 3.1768 | 2.7773 | -0.0054 | 5.9487 | 0.0153  | 0.0039  | 0.0069  | 0.0261  |
| 933 | 10   | 9.94 | 3.1766 | 2.7781 | -0.0055 | 5.9492 | 0.0229  | 0.0088  | 0.0134  | 0.0451  |
| 934 | 9.68 | 9.97 | 3.1766 | 2.7781 | -0.0054 | 5.9493 | 0.029   | 0.0153  | 0.012   | 0.0563  |
| 935 | 9.98 | 10   | 3.1769 | 2.7783 | -0.0053 | 5.9499 | 0.031   | 0.0217  | 0.0081  | 0.0608  |
| 936 | 9.64 | 10   | 3.1773 | 2.7786 | -0.0051 | 5.9507 | 0.0313  | 0.0301  | 0.0086  | 0.07    |
| 937 | 9.86 | 10.1 | 3.1771 | 2.7785 | -0.0052 | 5.9504 | 0.0264  | 0.0352  | 0.0115  | 0.0731  |
| 938 | 9.72 | 10   | 3.1769 | 2.7788 | -0.0053 | 5.9505 | 0.0148  | 0.0353  | 0.0127  | 0.0628  |
| 939 | 10.3 | 10   | 3.1769 | 2.7792 | -0.0053 | 5.9508 | 0.0037  | 0.034   | 0.0138  | 0.0515  |
| 940 | 10.5 | 10.1 | 3.1769 | 2.7795 | -0.0054 | 5.951  | 0.0044  | 0.0356  | 0.0126  | 0.0526  |
| 941 | 9.98 | 10.1 | 3.1767 | 2.7795 | -0.0054 | 5.9507 | 0.0198  | 0.0355  | 0.008   | 0.0633  |
| 942 | 9.75 | 10   | 3.1763 | 2.7792 | -0.0052 | 5.9503 | 0.0328  | 0.0404  | 0.008   | 0.0811  |
| 943 | 9.99 | 10.1 | 3.1761 | 2.7787 | -0.005  | 5.9498 | 0.0369  | 0.039   | 0.0061  | 0.082   |
| 944 | 10.4 | 10.1 | 3.1759 | 2.7778 | -0.0046 | 5.9491 | 0.0412  | 0.0351  | 0.0075  | 0.0839  |
| 945 | 10.1 | 10.1 | 3.1765 | 2.7778 | -0.0044 | 5.9499 | 0.0385  | 0.0301  | 0.0086  | 0.0772  |
| 946 | 10.2 | 10.1 | 3.1767 | 2.7779 | -0.0043 | 5.9503 | 0.0378  | 0.0229  | 0.01    | 0.0707  |
| 947 | 10.2 | 10.2 | 3.1768 | 2.7779 | -0.0043 | 5.9504 | 0.0387  | 0.0219  | 0.0103  | 0.0709  |
| 948 | 10.3 | 10.2 | 3.1766 | 2.7779 | -0.0042 | 5.9503 | 0.0397  | 0.0236  | 0.008   | 0.0713  |
| 949 | 10.2 | 10.1 | 3.1775 | 2.7778 | -0.0042 | 5.9512 | 0.0433  | 0.0224  | 0.0076  | 0.0733  |
| 950 | 10.1 | 10.1 | 3.1782 | 2.7777 | -0.0041 | 5.9519 | 0.0475  | 0.0269  | 0.0075  | 0.0819  |
| 951 | 9.95 | 10.1 | 3.1786 | 2.7777 | -0.0041 | 5.9521 | 0.0474  | 0.0231  | 0.0076  | 0.0781  |
| 952 | 10.3 | 10.1 | 3.1789 | 2.778  | -0.0039 | 5.953  | 0.0508  | 0.0191  | 0.0056  | 0.0755  |
| 953 | 10.3 | 10.1 | 3.1789 | 2.7779 | -0.0037 | 5.9532 | 0.0493  | 0.01    | 0.0047  | 0.064   |

|     |      |      |        |        |         |        |         |         |         |         |
|-----|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 954 | 10   | 10   | 3.18   | 2.7779 | -0.0034 | 5.9545 | 0.0499  | 0.0069  | 0.0028  | 0.0596  |
| 955 | 10.4 | 9.98 | 3.1811 | 2.778  | -0.0033 | 5.9558 | 0.0489  | 0.0001  | 0.0002  | 0.0492  |
| 956 | 10.2 | 9.94 | 3.1818 | 2.778  | -0.0038 | 5.956  | 0.0482  | 0.0033  | -0.0011 | 0.0504  |
| 957 | 9.92 | 9.92 | 3.1819 | 2.7782 | -0.0038 | 5.9563 | 0.046   | 0.0047  | -0.0047 | 0.046   |
| 958 | 9.85 | 9.89 | 3.1811 | 2.7783 | -0.004  | 5.9554 | 0.043   | 0.0011  | -0.0068 | 0.0373  |
| 959 | 9.67 | 9.86 | 3.1798 | 2.7785 | -0.0041 | 5.9541 | 0.0408  | 0.0056  | -0.0073 | 0.0391  |
| 960 | 9.7  | 9.85 | 3.1791 | 2.7783 | -0.0039 | 5.9535 | 0.0412  | 0.0111  | -0.0095 | 0.0428  |
| 961 | 9.85 | 9.82 | 3.1788 | 2.7782 | -0.0038 | 5.9532 | 0.0417  | 0.0144  | -0.0096 | 0.0464  |
| 962 | 9.57 | 9.78 | 3.1783 | 2.7788 | -0.0036 | 5.9534 | 0.0391  | 0.0152  | -0.0073 | 0.0469  |
| 963 | 9.37 | 9.74 | 3.1775 | 2.7793 | -0.0034 | 5.9535 | 0.0373  | 0.0149  | -0.0073 | 0.0448  |
| 964 | 9.47 | 9.72 | 3.1774 | 2.7808 | -0.0032 | 5.9551 | 0.0349  | 0.0128  | -0.0083 | 0.0394  |
| 965 | 9.44 | 9.68 | 3.1776 | 2.7815 | -0.0031 | 5.956  | 0.0378  | 0.0079  | -0.0079 | 0.0378  |
| 966 | 9.93 | 9.66 | 3.1777 | 2.7816 | -0.003  | 5.9563 | 0.0314  | 0.0056  | -0.0061 | 0.0308  |
| 967 | 9.63 | 9.67 | 3.1783 | 2.7821 | -0.0032 | 5.9572 | 0.0262  | 0.0161  | -0.0081 | 0.0342  |
| 968 | 9.68 | 9.69 | 3.1787 | 2.7823 | -0.0032 | 5.9578 | 0.0259  | 0.0175  | -0.0149 | 0.0286  |
| 969 | 9.9  | 9.72 | 3.179  | 2.7826 | -0.0032 | 5.9584 | 0.0259  | 0.0085  | -0.0204 | 0.014   |
| 970 | 9.42 | 9.77 | 3.179  | 2.7831 | -0.0032 | 5.9589 | 0.0228  | 0.0015  | -0.0221 | 0.0022  |
| 971 | 9.5  | 9.79 | 3.1784 | 2.7831 | -0.0032 | 5.9584 | 0.0137  | -0.0061 | -0.0216 | -0.014  |
| 972 | 9.63 | 9.85 | 3.1777 | 2.7833 | -0.0033 | 5.9577 | 0.0056  | -0.0112 | -0.022  | -0.0276 |
| 973 | 9.61 | 9.94 | 3.1772 | 2.7832 | -0.0035 | 5.9569 | 0.0043  | -0.0166 | -0.0215 | -0.0339 |
| 974 | 9.63 | 10   | 3.1771 | 2.7829 | -0.0037 | 5.9562 | 0.0058  | -0.0154 | -0.0189 | -0.0286 |
| 975 | 9.86 | 10.1 | 3.1769 | 2.7829 | -0.0038 | 5.956  | 0.0078  | -0.0131 | -0.0152 | -0.0205 |
| 976 | 10   | 10.1 | 3.1764 | 2.7827 | -0.0039 | 5.9552 | 0.004   | -0.0197 | -0.016  | -0.0317 |
| 977 | 10.2 | 10.2 | 3.1759 | 2.7818 | -0.0038 | 5.9539 | 0.008   | -0.0282 | -0.0144 | -0.0347 |
| 978 | 10.3 | 10.2 | 3.1754 | 2.7813 | -0.0037 | 5.9531 | 0.0138  | -0.0323 | -0.0115 | -0.03   |
| 979 | 10.6 | 10.3 | 3.1752 | 2.781  | -0.0035 | 5.9527 | 0.0114  | -0.0373 | -0.0117 | -0.0376 |
| 980 | 10.2 | 10.4 | 3.1751 | 2.781  | -0.0037 | 5.9524 | 0.0077  | -0.0447 | -0.01   | -0.047  |
| 981 | 10.7 | 10.5 | 3.1752 | 2.7806 | -0.0039 | 5.952  | 0.0041  | -0.0456 | -0.0096 | -0.0512 |
| 982 | 11.2 | 10.5 | 3.1749 | 2.7805 | -0.0041 | 5.9513 | -0.0033 | -0.0478 | -0.0092 | -0.0603 |
| 983 | 11   | 10.5 | 3.1747 | 2.7806 | -0.0042 | 5.9512 | -0.0077 | -0.0498 | -0.0084 | -0.066  |
| 984 | 10.8 | 10.6 | 3.1744 | 2.7804 | -0.0041 | 5.9507 | -0.013  | -0.042  | -0.009  | -0.064  |
| 985 | 10.7 | 10.7 | 3.1741 | 2.7801 | -0.0042 | 5.95   | -0.0138 | -0.0411 | -0.0048 | -0.0597 |
| 986 | 10.7 | 10.7 | 3.1747 | 2.78   | -0.0044 | 5.9503 | -0.0144 | -0.0392 | -0.0017 | -0.0553 |
| 987 | 10.7 | 10.7 | 3.1761 | 2.7803 | -0.0045 | 5.9519 | -0.0122 | -0.0316 | 0.0009  | -0.0429 |
| 988 | 10.8 | 10.8 | 3.1775 | 2.7803 | -0.0046 | 5.9532 | -0.0155 | -0.0286 | -0.0008 | -0.0448 |
| 989 | 11.1 | 10.8 | 3.1779 | 2.7801 | -0.0045 | 5.9535 | -0.0179 | -0.0204 | -0.0025 | -0.0408 |
| 990 | 10.9 | 10.8 | 3.1772 | 2.7801 | -0.0044 | 5.9529 | -0.015  | -0.0135 | -0.0027 | -0.0312 |

|      |      |      |        |        |         |        |         |         |         |         |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 991  | 10.3 | 10.8 | 3.1767 | 2.7797 | -0.0048 | 5.9516 | -0.0122 | -0.007  | -0.0044 | -0.0235 |
| 992  | 10.6 | 10.8 | 3.1763 | 2.7796 | -0.0048 | 5.9511 | -0.0129 | -0.0107 | -0.0025 | -0.0261 |
| 993  | 10.8 | 10.8 | 3.176  | 2.7793 | -0.0049 | 5.9504 | -0.0164 | -0.0156 | 0.0034  | -0.0287 |
| 994  | 10.9 | 10.7 | 3.1761 | 2.7789 | -0.0049 | 5.9501 | -0.0148 | -0.0099 | 0.0065  | -0.0182 |
| 995  | 10.9 | 10.7 | 3.1759 | 2.7792 | -0.0049 | 5.9502 | -0.0159 | -0.0098 | 0.0123  | -0.0134 |
| 996  | 11   | 10.6 | 3.1755 | 2.7791 | -0.0048 | 5.9498 | -0.0084 | -0.0065 | 0.0136  | -0.0012 |
| 997  | 10.8 | 10.6 | 3.1751 | 2.7788 | -0.0046 | 5.9493 | -0.0032 | -0.0025 | 0.0132  | 0.0075  |
| 998  | 11   | 10.5 | 3.1748 | 2.7787 | -0.0044 | 5.9491 | -0.0005 | -0.0002 | 0.0115  | 0.0108  |
| 999  | 10.8 | 10.4 | 3.1745 | 2.7783 | -0.0041 | 5.9487 | -0.0008 | 0.0027  | 0.009   | 0.0109  |
| 1000 | 10.8 | 10.4 | 3.1746 | 2.7784 | -0.0042 | 5.9488 | 0.0069  | 0.0039  | 0.0085  | 0.0194  |
| 1001 | 10.7 | 10.3 | 3.1744 | 2.7791 | -0.0042 | 5.9494 | 0.0136  | 0.0086  | 0.01    | 0.0322  |
| 1002 | 10.5 | 10.3 | 3.1746 | 2.7795 | -0.0043 | 5.9498 | 0.0122  | 0.0124  | 0.0095  | 0.034   |
| 1003 | 10.2 | 10.2 | 3.1746 | 2.7798 | -0.0043 | 5.9501 | 0.0154  | 0.0203  | 0.0082  | 0.0439  |
| 1004 | 9.75 | 10.1 | 3.1748 | 2.7805 | -0.0043 | 5.951  | 0.0191  | 0.0198  | 0.0071  | 0.0459  |
| 1005 | 9.87 | 10.1 | 3.1751 | 2.7806 | -0.0043 | 5.9514 | 0.0299  | 0.0183  | 0.0092  | 0.0574  |
| 1006 | 9.89 | 9.97 | 3.1752 | 2.7805 | -0.0042 | 5.9516 | 0.041   | 0.0161  | 0.0133  | 0.0704  |
| 1007 | 9.46 | 9.91 | 3.1753 | 2.7806 | -0.0041 | 5.9519 | 0.0466  | 0.0123  | 0.0134  | 0.0723  |
| 1008 | 9.27 | 9.86 | 3.1756 | 2.7806 | -0.0042 | 5.9521 | 0.0435  | 0.0108  | 0.0171  | 0.0714  |
| 1009 | 9.36 | 9.82 | 3.1756 | 2.7807 | -0.0041 | 5.9521 | 0.0319  | 0.007   | 0.0156  | 0.0546  |
| 1010 | 9.59 | 9.79 | 3.1754 | 2.7806 | -0.0042 | 5.9518 | 0.0134  | 0.0048  | 0.0127  | 0.0309  |
| 1011 | 9.47 | 9.78 | 3.1754 | 2.7803 | -0.0044 | 5.9513 | 0.0051  | -0.0016 | 0.0177  | 0.0212  |
| 1012 | 9.38 | 9.8  | 3.1757 | 2.7801 | -0.0045 | 5.9513 | 0.0004  | -0.0001 | 0.0152  | 0.0155  |
| 1013 | 9.83 | 9.83 | 3.1759 | 2.7798 | -0.0045 | 5.9512 | -0.0054 | 0.0019  | 0.0147  | 0.0112  |
| 1014 | 9.53 | 9.87 | 3.1757 | 2.7796 | -0.0046 | 5.9507 | -0.0126 | 0.0045  | 0.0153  | 0.0072  |
| 1015 | 9.29 | 9.93 | 3.176  | 2.7791 | -0.0048 | 5.9503 | -0.0125 | 0.018   | 0.0178  | 0.0233  |
| 1016 | 9.71 | 9.95 | 3.1763 | 2.7781 | -0.0046 | 5.9498 | -0.0103 | 0.0238  | 0.0199  | 0.0334  |
| 1017 | 9.94 | 10   | 3.1761 | 2.7779 | -0.0043 | 5.9498 | -0.0081 | 0.0256  | 0.0219  | 0.0394  |
| 1018 | 10.2 | 10.1 | 3.176  | 2.7781 | -0.004  | 5.9501 | -0.0026 | 0.0326  | 0.0212  | 0.0512  |
| 1019 | 10.1 | 10.1 | 3.1762 | 2.7784 | -0.0038 | 5.9508 | -0.0031 | 0.0387  | 0.022   | 0.0577  |
| 1020 | 10.5 | 10.2 | 3.1765 | 2.7787 | -0.0038 | 5.9514 | -0.0058 | 0.0454  | 0.0244  | 0.0639  |
| 1021 | 10.8 | 10.2 | 3.1769 | 2.7789 | -0.0038 | 5.952  | -0.0116 | 0.0519  | 0.0279  | 0.0682  |
| 1022 | 10.8 | 10.2 | 3.1771 | 2.7794 | -0.0039 | 5.9525 | -0.0189 | 0.0571  | 0.0274  | 0.0655  |
| 1023 | 10.5 | 10.2 | 3.1769 | 2.7792 | -0.0041 | 5.952  | -0.0214 | 0.057   | 0.0245  | 0.0601  |
| 1024 | 11   | 10.2 | 3.1767 | 2.7789 | -0.0043 | 5.9514 | -0.0245 | 0.0606  | 0.0207  | 0.0568  |
| 1025 | 10.2 | 10.3 | 3.1768 | 2.779  | -0.0042 | 5.9516 | -0.0307 | 0.0569  | 0.0166  | 0.0428  |
| 1026 | 11.1 | 10.3 | 3.1766 | 2.78   | -0.0043 | 5.9523 | -0.0371 | 0.0536  | 0.0147  | 0.0313  |
| 1027 | 10.1 | 10.3 | 3.1762 | 2.7806 | -0.0045 | 5.9523 | -0.0413 | 0.0484  | 0.0136  | 0.0207  |

|      |      |      |        |        |         |        |         |         |        |         |
|------|------|------|--------|--------|---------|--------|---------|---------|--------|---------|
| 1028 | 10.2 | 10.3 | 3.1763 | 2.781  | -0.0045 | 5.9528 | -0.0425 | 0.0404  | 0.0158 | 0.0138  |
| 1029 | 10.2 | 10.3 | 3.1766 | 2.7817 | -0.0047 | 5.9536 | -0.0464 | 0.0319  | 0.0185 | 0.0041  |
| 1030 | 9.56 | 10.4 | 3.1768 | 2.7818 | -0.0046 | 5.9541 | -0.0533 | 0.0253  | 0.0216 | -0.0063 |
| 1031 | 9.76 | 10.4 | 3.1772 | 2.7822 | -0.0045 | 5.9549 | -0.0566 | 0.0239  | 0.0199 | -0.0128 |
| 1032 | 10.2 | 10.4 | 3.1776 | 2.7823 | -0.0046 | 5.9553 | -0.0564 | 0.0188  | 0.0193 | -0.0183 |
| 1033 | 9.99 | 10.4 | 3.1779 | 2.7823 | -0.0046 | 5.9556 | -0.0623 | 0.0149  | 0.0149 | -0.0324 |
| 1034 | 10.2 | 10.4 | 3.178  | 2.7822 | -0.0049 | 5.9553 | -0.0677 | 0.016   | 0.0143 | -0.0374 |
| 1035 | 10.2 | 10.4 | 3.1783 | 2.7822 | -0.0051 | 5.9555 | -0.0702 | 0.015   | 0.0144 | -0.0408 |
| 1036 | 10.4 | 10.4 | 3.1785 | 2.7817 | -0.0052 | 5.955  | -0.0732 | 0.0119  | 0.0131 | -0.0483 |
| 1037 | 10.6 | 10.4 | 3.1786 | 2.7814 | -0.0051 | 5.9549 | -0.0687 | 0.0117  | 0.0091 | -0.0479 |
| 1038 | 10.1 | 10.3 | 3.1787 | 2.7809 | -0.005  | 5.9545 | -0.0566 | 0.0151  | 0.0073 | -0.0343 |
| 1039 | 10.9 | 10.4 | 3.1784 | 2.7805 | -0.005  | 5.954  | -0.0459 | 0.0178  | 0.0071 | -0.0211 |
| 1040 | 10.9 | 10.4 | 3.1781 | 2.7802 | -0.0049 | 5.9533 | -0.0402 | 0.0167  | 0.0094 | -0.0141 |
| 1041 | 11   | 10.4 | 3.178  | 2.7805 | -0.0052 | 5.9534 | -0.0458 | 0.0168  | 0.0122 | -0.0168 |
| 1042 | 11   | 10.4 | 3.1779 | 2.7807 | -0.0055 | 5.9531 | -0.0533 | 0.0175  | 0.0097 | -0.0261 |
| 1043 | 10.8 | 10.4 | 3.1776 | 2.7797 | -0.0057 | 5.9517 | -0.0568 | 0.0177  | 0.0099 | -0.0293 |
| 1044 | 10.4 | 10.4 | 3.1775 | 2.7788 | -0.0058 | 5.9505 | -0.0606 | 0.0163  | 0.009  | -0.0353 |
| 1045 | 10.4 | 10.4 | 3.1774 | 2.7785 | -0.0058 | 5.9501 | -0.0613 | 0.0094  | 0.0081 | -0.0438 |
| 1046 | 10.1 | 10.4 | 3.1771 | 2.7782 | -0.0056 | 5.9496 | -0.0653 | 0.012   | 0.0083 | -0.0449 |
| 1047 | 10   | 10.4 | 3.1768 | 2.7779 | -0.0054 | 5.9493 | -0.0708 | 0.0116  | 0.0072 | -0.052  |
| 1048 | 10.6 | 10.4 | 3.1767 | 2.7776 | -0.0051 | 5.9492 | -0.0741 | 0.0102  | 0.0071 | -0.0567 |
| 1049 | 10.3 | 10.4 | 3.1768 | 2.7774 | -0.005  | 5.9492 | -0.0758 | 0.0065  | 0.009  | -0.0602 |
| 1050 | 9.91 | 10.4 | 3.1769 | 2.7768 | -0.0051 | 5.9486 | -0.0769 | -0.0022 | 0.0109 | -0.0682 |
| 1051 | 9.34 | 10.3 | 3.1774 | 2.7764 | -0.005  | 5.9487 | -0.0781 | -0.0032 | 0.0121 | -0.0692 |
| 1052 | 9.89 | 10.3 | 3.1774 | 2.776  | -0.0047 | 5.9486 | -0.0787 | 0.007   | 0.0125 | -0.0593 |
| 1053 | 10.2 | 10.3 | 3.177  | 2.7759 | -0.0044 | 5.9486 | -0.0762 | 0.0133  | 0.0104 | -0.0526 |
| 1054 | 10.1 | 10.3 | 3.177  | 2.7761 | -0.0044 | 5.9487 | -0.0783 | 0.0167  | 0.0107 | -0.0509 |
| 1055 | 10.2 | 10.3 | 3.177  | 2.7764 | -0.0046 | 5.9488 | -0.0783 | 0.0212  | 0.0108 | -0.0463 |
| 1056 | 10.6 | 10.3 | 3.1771 | 2.7768 | -0.0051 | 5.9488 | -0.0764 | 0.0206  | 0.0105 | -0.0453 |
| 1057 | 10.5 | 10.3 | 3.1776 | 2.7771 | -0.0055 | 5.9492 | -0.076  | 0.0106  | 0.0133 | -0.052  |
| 1058 | 10.6 | 10.3 | 3.178  | 2.7776 | -0.0056 | 5.95   | -0.0775 | 0.0074  | 0.0129 | -0.0572 |
| 1059 | 10.8 | 10.3 | 3.1785 | 2.778  | -0.0054 | 5.951  | -0.0721 | 0.0076  | 0.0101 | -0.0544 |
| 1060 | 10.7 | 10.3 | 3.1786 | 2.7785 | -0.0057 | 5.9514 | -0.0732 | 0.0088  | 0.0074 | -0.057  |
| 1061 | 10.2 | 10.4 | 3.1787 | 2.7782 | -0.0053 | 5.9517 | -0.0753 | 0.0086  | 0.0059 | -0.0607 |
| 1062 | 10.3 | 10.4 | 3.1788 | 2.7786 | -0.0051 | 5.9523 | -0.0777 | 0.005   | 0.0052 | -0.0675 |
| 1063 | 10.4 | 10.4 | 3.1788 | 2.7789 | -0.0049 | 5.9528 | -0.0792 | 0.004   | 0.0055 | -0.0697 |
| 1064 | 10.3 | 10.5 | 3.1787 | 2.779  | -0.0049 | 5.9527 | -0.0812 | 0.0021  | 0.007  | -0.0721 |

|      |      |      |        |        |         |        |         |         |         |         |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 1065 | 10.5 | 10.5 | 3.1786 | 2.7791 | -0.0051 | 5.9527 | -0.0832 | 0.0001  | 0.0046  | -0.0785 |
| 1066 | 10.7 | 10.4 | 3.1785 | 2.779  | -0.0052 | 5.9523 | -0.0804 | -0.0041 | 0.0028  | -0.0817 |
| 1067 | 10.2 | 10.4 | 3.1786 | 2.7788 | -0.0053 | 5.9521 | -0.079  | -0.0144 | 0.003   | -0.0905 |
| 1068 | 9.92 | 10.4 | 3.179  | 2.7784 | -0.0054 | 5.9521 | -0.0787 | -0.0149 | 0.0031  | -0.0905 |
| 1069 | 10.4 | 10.4 | 3.1796 | 2.7781 | -0.0056 | 5.952  | -0.0796 | -0.0119 | 0.0017  | -0.0898 |
| 1070 | 10.4 | 10.3 | 3.1801 | 2.7779 | -0.006  | 5.9521 | -0.0798 | -0.0113 | 0.004   | -0.0871 |
| 1071 | 11   | 10.3 | 3.1803 | 2.7774 | -0.0059 | 5.9518 | -0.0791 | -0.0117 | 0.0053  | -0.0854 |
| 1072 | 10.6 | 10.4 | 3.1799 | 2.7776 | -0.0058 | 5.9517 | -0.076  | -0.0117 | 0.0047  | -0.0829 |
| 1073 | 10.2 | 10.3 | 3.1797 | 2.7772 | -0.0056 | 5.9513 | -0.0733 | -0.0104 | 0.0066  | -0.0771 |
| 1074 | 10.4 | 10.3 | 3.1801 | 2.7772 | -0.0054 | 5.9519 | -0.0775 | -0.0102 | 0.0072  | -0.0805 |
| 1075 | 10.1 | 10.3 | 3.1806 | 2.7775 | -0.0053 | 5.9529 | -0.0823 | -0.0117 | 0.0047  | -0.0893 |
| 1076 | 10.4 | 10.3 | 3.1805 | 2.7779 | -0.0052 | 5.9531 | -0.0836 | -0.0118 | 0.005   | -0.0904 |
| 1077 | 10.4 | 10.3 | 3.1801 | 2.7778 | -0.0054 | 5.9525 | -0.0876 | 0.0008  | 0.0019  | -0.085  |
| 1078 | 10.1 | 10.3 | 3.1801 | 2.7781 | -0.0056 | 5.9527 | -0.0918 | 0.0058  | -0.0018 | -0.0878 |
| 1079 | 10.1 | 10.3 | 3.1805 | 2.7785 | -0.0057 | 5.9533 | -0.0889 | 0.0058  | -0.0025 | -0.0855 |
| 1080 | 10.1 | 10.3 | 3.1808 | 2.7786 | -0.0057 | 5.9536 | -0.0864 | 0.0117  | -0.0064 | -0.0811 |
| 1081 | 10.6 | 10.3 | 3.1808 | 2.7788 | -0.0058 | 5.9538 | -0.0868 | 0.0104  | -0.0096 | -0.086  |
| 1082 | 10.2 | 10.3 | 3.1812 | 2.779  | -0.0056 | 5.9545 | -0.0852 | 0.0164  | -0.0102 | -0.079  |
| 1083 | 9.63 | 10.3 | 3.1815 | 2.779  | -0.0056 | 5.9549 | -0.0831 | 0.0152  | -0.0124 | -0.0804 |
| 1084 | 11   | 10.2 | 3.1814 | 2.7789 | -0.0055 | 5.9548 | -0.0797 | 0.011   | -0.012  | -0.0807 |
| 1085 | 9.85 | 10.3 | 3.1814 | 2.7789 | -0.0055 | 5.9549 | -0.0807 | 0.0106  | -0.0154 | -0.0855 |
| 1086 | 10.2 | 10.2 | 3.1815 | 2.7789 | -0.0053 | 5.9551 | -0.0774 | 0.0118  | -0.017  | -0.0826 |
| 1087 | 10.2 | 10.2 | 3.1818 | 2.7788 | -0.0052 | 5.9553 | -0.0771 | 0.0083  | -0.0174 | -0.0862 |
| 1088 | 10.3 | 10.2 | 3.1821 | 2.7785 | -0.0053 | 5.9553 | -0.0725 | 0.0061  | -0.0164 | -0.0827 |
| 1089 | 10.3 | 10.2 | 3.1819 | 2.7785 | -0.0055 | 5.9549 | -0.0679 | 0.0003  | -0.015  | -0.0826 |
| 1090 | 10.3 | 10.2 | 3.1818 | 2.7784 | -0.0056 | 5.9546 | -0.0666 | -0.0017 | -0.0148 | -0.0831 |
| 1091 | 10.5 | 10.2 | 3.182  | 2.7779 | -0.0058 | 5.9542 | -0.0655 | -0.0019 | -0.0143 | -0.0817 |
| 1092 | 10.2 | 10.1 | 3.182  | 2.7778 | -0.0058 | 5.954  | -0.0662 | 0.0013  | -0.0174 | -0.0823 |
| 1093 | 10.2 | 10.2 | 3.1821 | 2.7776 | -0.0058 | 5.9539 | -0.0629 | 0.0061  | -0.0199 | -0.0767 |
| 1094 | 10.4 | 10.1 | 3.1822 | 2.778  | -0.0057 | 5.9545 | -0.069  | -0.0018 | -0.0226 | -0.0933 |
| 1095 | 10.2 | 10.1 | 3.1824 | 2.778  | -0.0057 | 5.9547 | -0.0684 | -0.0111 | -0.0241 | -0.1036 |
| 1096 | 10.4 | 10.1 | 3.1826 | 2.7779 | -0.0055 | 5.955  | -0.0713 | -0.0127 | -0.023  | -0.107  |
| 1097 | 10   | 10.1 | 3.1825 | 2.7778 | -0.0053 | 5.955  | -0.0702 | -0.0118 | -0.0235 | -0.1055 |
| 1098 | 9.83 | 10   | 3.1823 | 2.778  | -0.0053 | 5.9551 | -0.0734 | -0.0124 | -0.0222 | -0.1081 |
| 1099 | 9.76 | 10   | 3.1822 | 2.7785 | -0.0052 | 5.9555 | -0.0765 | -0.0205 | -0.02   | -0.1169 |
| 1100 | 9.52 | 10.1 | 3.1824 | 2.7788 | -0.0054 | 5.9558 | -0.0768 | -0.0263 | -0.0207 | -0.1237 |
| 1101 | 9.93 | 10   | 3.1823 | 2.7784 | -0.0054 | 5.9553 | -0.0859 | -0.0349 | -0.022  | -0.1427 |

|      |      |      |        |        |         |        |         |         |         |         |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 1102 | 10.1 | 10   | 3.1822 | 2.7782 | -0.0053 | 5.9551 | -0.102  | -0.0389 | -0.0237 | -0.1646 |
| 1103 | 9.91 | 10   | 3.1824 | 2.7781 | -0.0054 | 5.9552 | -0.1107 | -0.0442 | -0.0204 | -0.1754 |
| 1104 | 9.92 | 9.99 | 3.1826 | 2.7784 | -0.0054 | 5.9556 | -0.1149 | -0.045  | -0.0147 | -0.1746 |
| 1105 | 9.76 | 9.98 | 3.1827 | 2.7786 | -0.0054 | 5.9559 | -0.114  | -0.0494 | -0.0135 | -0.1769 |
| 1106 | 9.49 | 9.96 | 3.1828 | 2.7795 | -0.0055 | 5.9568 | -0.1015 | -0.0494 | -0.0152 | -0.1661 |
| 1107 | 10.1 | 9.96 | 3.1831 | 2.7799 | -0.0054 | 5.9576 | -0.0854 | -0.0472 | -0.0181 | -0.1508 |
| 1108 | 10.2 | 10   | 3.1828 | 2.7799 | -0.0052 | 5.9575 | -0.0691 | -0.0429 | -0.0203 | -0.1323 |
| 1109 | 10.5 | 10   | 3.1829 | 2.7798 | -0.0049 | 5.9578 | -0.0601 | -0.0355 | -0.021  | -0.1166 |
| 1110 | 10.3 | 10.1 | 3.183  | 2.7797 | -0.0048 | 5.9578 | -0.0456 | -0.0299 | -0.02   | -0.0955 |
| 1111 | 10   | 10.1 | 3.1832 | 2.7798 | -0.0049 | 5.958  | -0.0338 | -0.022  | -0.0245 | -0.0802 |
| 1112 | 10.2 | 10.1 | 3.1836 | 2.7797 | -0.005  | 5.9583 | -0.0295 | -0.0231 | -0.0208 | -0.0733 |
| 1113 | 9.71 | 10.2 | 3.184  | 2.7796 | -0.0052 | 5.9584 | -0.0269 | -0.0145 | -0.0179 | -0.0593 |
| 1114 | 10   | 10.2 | 3.184  | 2.7796 | -0.0051 | 5.9585 | -0.0217 | -0.0067 | -0.0152 | -0.0437 |
| 1115 | 9.91 | 10.2 | 3.1841 | 2.7795 | -0.0051 | 5.9585 | -0.0276 | -0.0036 | -0.017  | -0.0483 |
| 1116 | 10.2 | 10.3 | 3.1842 | 2.7796 | -0.0049 | 5.9588 | -0.0317 | 0.0003  | -0.0207 | -0.0522 |
| 1117 | 10.6 | 10.3 | 3.184  | 2.7794 | -0.0046 | 5.9588 | -0.022  | 0.0014  | -0.024  | -0.0447 |
| 1118 | 10.3 | 10.3 | 3.184  | 2.7793 | -0.0042 | 5.9591 | -0.0181 | -0.0069 | -0.026  | -0.051  |
| 1119 | 9.96 | 10.3 | 3.1842 | 2.7795 | -0.0042 | 5.9595 | -0.0109 | -0.0131 | -0.024  | -0.0479 |
| 1120 | 10.6 | 10.3 | 3.1844 | 2.7798 | -0.0043 | 5.96   | -0.007  | -0.0142 | -0.0264 | -0.0476 |
| 1121 | 10.8 | 10.3 | 3.1845 | 2.7801 | -0.0043 | 5.9603 | -0.0067 | -0.0159 | -0.0289 | -0.0516 |
| 1122 | 10.7 | 10.3 | 3.1844 | 2.7804 | -0.0046 | 5.9602 | -0.009  | -0.0236 | -0.0262 | -0.0589 |
| 1123 | 10.4 | 10.3 | 3.1847 | 2.7802 | -0.0048 | 5.9601 | -0.0116 | -0.0253 | -0.0229 | -0.0597 |
| 1124 | 10.3 | 10.3 | 3.1849 | 2.7801 | -0.0048 | 5.9603 | -0.0149 | -0.0293 | -0.0173 | -0.0615 |
| 1125 | 10.4 | 10.3 | 3.1852 | 2.7802 | -0.0047 | 5.9606 | -0.0167 | -0.0234 | -0.0117 | -0.0517 |
| 1126 | 10.5 | 10.3 | 3.1853 | 2.78   | -0.0045 | 5.9608 | -0.01   | -0.0152 | -0.0073 | -0.0325 |
| 1127 | 10.2 | 10.3 | 3.1854 | 2.7801 | -0.0043 | 5.9611 | 0.0049  | -0.0087 | -0.0055 | -0.0093 |
| 1128 | 10.3 | 10.3 | 3.1852 | 2.7804 | -0.0043 | 5.9614 | 0.0116  | -0.0043 | -0.0051 | 0.0022  |
| 1129 | 10.1 | 10.3 | 3.1852 | 2.7805 | -0.004  | 5.9617 | 0.0217  | 0.0054  | -0.0065 | 0.0206  |
| 1130 | 9.93 | 10.3 | 3.1855 | 2.7808 | -0.0036 | 5.9627 | 0.0306  | 0.0089  | -0.0055 | 0.034   |
| 1131 | 10.1 | 10.2 | 3.1857 | 2.7806 | -0.0035 | 5.9628 | 0.0456  | 0.0211  | -0.0047 | 0.062   |
| 1132 | 9.85 | 10.2 | 3.1859 | 2.7808 | -0.0033 | 5.9634 | 0.0543  | 0.0247  | -0.0107 | 0.0682  |
| 1133 | 9.89 | 10.2 | 3.1859 | 2.7812 | -0.0034 | 5.9637 | 0.0573  | 0.0276  | -0.0148 | 0.0701  |
| 1134 | 10.3 | 10.2 | 3.1861 | 2.7812 | -0.0034 | 5.9639 | 0.0584  | 0.029   | -0.0151 | 0.0723  |
| 1135 | 10.5 | 10.1 | 3.1861 | 2.781  | -0.0034 | 5.9637 | 0.0585  | 0.0275  | -0.014  | 0.072   |
| 1136 | 9.92 | 10.2 | 3.1862 | 2.7809 | -0.0034 | 5.9637 | 0.0574  | 0.0276  | -0.0152 | 0.0698  |
| 1137 | 10.3 | 10.2 | 3.1858 | 2.7808 | -0.0035 | 5.9632 | 0.06    | 0.0311  | -0.0151 | 0.076   |
| 1138 | 10.2 | 10.2 | 3.1855 | 2.7808 | -0.0035 | 5.9628 | 0.0684  | 0.0324  | -0.015  | 0.0859  |



|      |      |      |        |        |         |        |        |         |         |        |
|------|------|------|--------|--------|---------|--------|--------|---------|---------|--------|
| 1139 | 10   | 10.2 | 3.1851 | 2.7807 | -0.0035 | 5.9623 | 0.0743 | 0.0216  | -0.0142 | 0.0817 |
| 1140 | 10.1 | 10.3 | 3.1847 | 2.7804 | -0.0035 | 5.9615 | 0.072  | 0.0139  | -0.0155 | 0.0703 |
| 1141 | 10.1 | 10.3 | 3.1846 | 2.7804 | -0.0034 | 5.9616 | 0.0759 | 0.01    | -0.0193 | 0.0666 |
| 1142 | 10.3 | 10.4 | 3.1842 | 2.7801 | -0.0035 | 5.9608 | 0.0757 | 0.001   | -0.0233 | 0.0533 |
| 1143 | 10   | 10.4 | 3.1845 | 2.7799 | -0.0034 | 5.961  | 0.0699 | -0.0046 | -0.028  | 0.0373 |
| 1144 | 9.9  | 10.4 | 3.1843 | 2.7799 | -0.0034 | 5.9608 | 0.0613 | -0.0103 | -0.0275 | 0.0235 |
| 1145 | 10.9 | 10.5 | 3.1845 | 2.7797 | -0.0035 | 5.9608 | 0.0592 | -0.0122 | -0.024  | 0.023  |
| 1146 | 10.8 | 10.5 | 3.1841 | 2.7793 | -0.0033 | 5.9601 | 0.0563 | -0.0145 | -0.0232 | 0.0186 |
| 1147 | 10.9 | 10.6 | 3.1842 | 2.7792 | -0.0032 | 5.9601 | 0.0548 | -0.0156 | -0.0248 | 0.0144 |
| 1148 | 10.4 | 10.6 | 3.1844 | 2.7796 | -0.0031 | 5.9609 | 0.051  | -0.0164 | -0.0256 | 0.009  |
| 1149 | 10.8 | 10.7 | 3.1845 | 2.7801 | -0.0029 | 5.9616 | 0.0464 | -0.0135 | -0.0257 | 0.0072 |
| 1150 | 11.1 | 10.7 | 3.1855 | 2.7803 | -0.0029 | 5.9629 | 0.0421 | -0.0049 | -0.0246 | 0.0127 |
| 1151 | 10.6 | 10.8 | 3.1876 | 2.7803 | -0.0027 | 5.9652 | 0.0429 | -0.0005 | -0.0251 | 0.0173 |
| 1152 | 10.8 | 10.9 | 3.1884 | 2.7804 | -0.0027 | 5.9661 | 0.0428 | 0.0001  | -0.0227 | 0.0202 |
| 1153 | 10.7 | 11   | 3.1885 | 2.7804 | -0.0029 | 5.966  | 0.0422 | -0.0043 | -0.0194 | 0.0185 |
| 1154 | 10.9 | 11.1 | 3.1884 | 2.781  | -0.003  | 5.9664 | 0.0434 | -0.0089 | -0.0208 | 0.0137 |
| 1155 | 11.3 | 11.1 | 3.1872 | 2.7813 | -0.0031 | 5.9654 | 0.044  | -0.0046 | -0.022  | 0.0174 |
| 1156 | 11.2 | 11.1 | 3.1857 | 2.7815 | -0.0033 | 5.9638 | 0.0408 | -0.0024 | -0.0215 | 0.017  |
| 1157 | 10.7 | 11.2 | 3.1845 | 2.7814 | -0.0035 | 5.9624 | 0.0393 | 0.005   | -0.0217 | 0.0226 |
| 1158 | 11   | 11.2 | 3.184  | 2.7812 | -0.0035 | 5.9616 | 0.0447 | 0.008   | -0.0214 | 0.0313 |
| 1159 | 11.4 | 11.3 | 3.183  | 2.781  | -0.0034 | 5.9606 | 0.0436 | 0.0073  | -0.0192 | 0.0317 |
| 1160 | 11.8 | 11.3 | 3.182  | 2.7807 | -0.0032 | 5.9594 | 0.0446 | 0.0046  | -0.0174 | 0.0318 |
| 1161 | 11.7 | 11.3 | 3.1817 | 2.7805 | -0.0032 | 5.959  | 0.049  | 0.0016  | -0.0173 | 0.0333 |
| 1162 | 11.8 | 11.4 | 3.1815 | 2.78   | -0.0033 | 5.9582 | 0.0535 | 0.001   | -0.0172 | 0.0373 |
| 1163 | 11.7 | 11.4 | 3.1809 | 2.7796 | -0.0034 | 5.9571 | 0.0552 | 0.0002  | -0.0192 | 0.0361 |
| 1164 | 11   | 11.4 | 3.1815 | 2.7793 | -0.0032 | 5.9576 | 0.0572 | -0.0056 | -0.0201 | 0.0316 |
| 1165 | 11.7 | 11.3 | 3.1818 | 2.7791 | -0.003  | 5.9579 | 0.0614 | -0.0063 | -0.0197 | 0.0353 |
| 1166 | 11.6 | 11.3 | 3.1807 | 2.7789 | -0.0028 | 5.9568 | 0.0626 | -0.0102 | -0.0186 | 0.0339 |
| 1167 | 11.9 | 11.3 | 3.1804 | 2.7795 | -0.0027 | 5.9572 | 0.0625 | -0.0117 | -0.0154 | 0.0354 |
| 1168 | 11.5 | 11.3 | 3.1801 | 2.7797 | -0.003  | 5.9569 | 0.0597 | -0.0153 | -0.012  | 0.0324 |
| 1169 | 11.5 | 11.2 | 3.1803 | 2.7795 | -0.003  | 5.9568 | 0.0624 | -0.0146 | -0.0074 | 0.0404 |
| 1170 | 11.1 | 11.1 | 3.1808 | 2.7795 | -0.0031 | 5.9572 | 0.0676 | -0.0109 | -0.0081 | 0.0486 |
| 1171 | 11.4 | 11.1 | 3.1812 | 2.7798 | -0.0033 | 5.9577 | 0.0712 | -0.0077 | -0.0088 | 0.0546 |
| 1172 | 11   | 11   | 3.181  | 2.7801 | -0.0035 | 5.9576 | 0.0749 | -0.006  | -0.0105 | 0.0583 |
| 1173 | 10.8 | 10.9 | 3.1811 | 2.7801 | -0.0038 | 5.9574 | 0.0827 | -0.0063 | -0.0157 | 0.0607 |
| 1174 | 10.5 | 10.9 | 3.1818 | 2.7795 | -0.0042 | 5.9571 | 0.0942 | -0.0101 | -0.018  | 0.0661 |
| 1175 | 10.1 | 10.9 | 3.1816 | 2.7791 | -0.0045 | 5.9561 | 0.1027 | -0.0119 | -0.0183 | 0.0724 |

|      |      |      |        |        |         |        |        |         |         |        |
|------|------|------|--------|--------|---------|--------|--------|---------|---------|--------|
| 1176 | 10.4 | 10.8 | 3.18   | 2.7787 | -0.0047 | 5.954  | 0.1092 | -0.0157 | -0.0171 | 0.0764 |
| 1177 | 10.7 | 10.8 | 3.179  | 2.7782 | -0.0049 | 5.9523 | 0.1094 | -0.0213 | -0.014  | 0.0741 |
| 1178 | 10.5 | 10.7 | 3.1779 | 2.7776 | -0.0049 | 5.9506 | 0.1083 | -0.0223 | -0.0131 | 0.0728 |
| 1179 | 10.3 | 10.7 | 3.1775 | 2.7776 | -0.0051 | 5.9499 | 0.1103 | -0.0157 | -0.0107 | 0.084  |
| 1180 | 10.5 | 10.6 | 3.1762 | 2.7765 | -0.0052 | 5.9475 | 0.1098 | -0.0088 | -0.0068 | 0.0942 |
| 1181 | 10.6 | 10.5 | 3.1754 | 2.7763 | -0.0047 | 5.947  | 0.111  | 0.0004  | -0.0047 | 0.1067 |
| 1182 | 10.5 | 10.5 | 3.1754 | 2.7762 | -0.0041 | 5.9475 | 0.1107 | 0.0039  | -0.0057 | 0.109  |
| 1183 | 10.6 | 10.4 | 3.1757 | 2.7761 | -0.0041 | 5.9477 | 0.1098 | 0.0073  | -0.0047 | 0.1125 |
| 1184 | 10.8 | 10.4 | 3.1755 | 2.7762 | -0.0041 | 5.9476 | 0.1083 | 0.0131  | -0.0044 | 0.117  |
| 1185 | 10.8 | 10.4 | 3.1757 | 2.7761 | -0.0039 | 5.9479 | 0.101  | 0.0124  | -0.0037 | 0.1097 |
| 1186 | 10.9 | 10.4 | 3.1755 | 2.7758 | -0.0038 | 5.9475 | 0.0797 | 0.0124  | -0.0053 | 0.0868 |
| 1187 | 11   | 10.3 | 3.1749 | 2.7755 | -0.0037 | 5.9468 | 0.0734 | 0.0096  | -0.0089 | 0.074  |
| 1188 | 10.6 | 10.3 | 3.1746 | 2.7764 | -0.0039 | 5.9471 | 0.0766 | 0.0051  | -0.0105 | 0.0713 |
| 1189 | 10.3 | 10.3 | 3.1747 | 2.7771 | -0.0039 | 5.9479 | 0.0846 | 0.0073  | -0.011  | 0.0809 |
| 1190 | 9.49 | 10.2 | 3.1742 | 2.7774 | -0.0037 | 5.9479 | 0.0862 | 0.0071  | -0.0057 | 0.0877 |
| 1191 | 10.1 | 10.2 | 3.1744 | 2.7778 | -0.0034 | 5.9489 | 0.0853 | 0.0092  | -0.0018 | 0.0927 |
| 1192 | 9.83 | 10.2 | 3.175  | 2.7783 | -0.003  | 5.9503 | 0.087  | 0.0119  | -0.0003 | 0.0986 |
| 1193 | 9.79 | 10.2 | 3.176  | 2.7787 | -0.0031 | 5.9516 | 0.0807 | 0.0067  | -0.002  | 0.0855 |
| 1194 | 9.87 | 10.2 | 3.1763 | 2.7792 | -0.0033 | 5.9522 | 0.0849 | 0.0081  | -0.0014 | 0.0915 |
| 1195 | 9.76 | 10.2 | 3.1768 | 2.7794 | -0.0034 | 5.9529 | 0.082  | 0.0104  | -0.0002 | 0.0921 |
| 1196 | 9.78 | 10.2 | 3.1771 | 2.7794 | -0.003  | 5.9536 | 0.0818 | 0.0122  | 0.0037  | 0.0978 |
| 1197 | 9.88 | 10.2 | 3.1774 | 2.7795 | -0.0027 | 5.9541 | 0.0803 | 0.0087  | 0.008   | 0.097  |
| 1198 | 9.82 | 10.2 | 3.1777 | 2.7794 | -0.0027 | 5.9544 | 0.0841 | 0.0086  | 0.0075  | 0.1002 |
| 1199 | 10.4 | 10.2 | 3.178  | 2.779  | -0.0028 | 5.9543 | 0.0857 | 0.0169  | 0.0088  | 0.1114 |
| 1200 | 10   | 10.3 | 3.1781 | 2.7788 | -0.0029 | 5.954  | 0.0858 | 0.0218  | 0.0097  | 0.1172 |
| 1201 | 10.4 | 10.3 | 3.178  | 2.7784 | -0.0032 | 5.9533 | 0.1008 | 0.0263  | 0.013   | 0.1401 |
| 1202 | 10.5 | 10.3 | 3.178  | 2.7786 | -0.0034 | 5.9532 | 0.1247 | 0.0244  | 0.0163  | 0.1654 |
| 1203 | 10.8 | 10.4 | 3.1781 | 2.779  | -0.0033 | 5.9538 | 0.1354 | 0.0276  | 0.0158  | 0.1787 |
| 1204 | 10.9 | 10.4 | 3.1782 | 2.7789 | -0.0032 | 5.9539 | 0.1349 | 0.0315  | 0.0122  | 0.1786 |
| 1205 | 10.9 | 10.5 | 3.1786 | 2.7788 | -0.0033 | 5.9542 | 0.1321 | 0.039   | 0.0103  | 0.1814 |
| 1206 | 10.7 | 10.6 | 3.1789 | 2.779  | -0.0033 | 5.9545 | 0.1223 | 0.0413  | 0.0095  | 0.1732 |
| 1207 | 10.2 | 10.6 | 3.1786 | 2.7791 | -0.0032 | 5.9545 | 0.1083 | 0.0425  | 0.0122  | 0.163  |
| 1208 | 10.6 | 10.7 | 3.1785 | 2.7792 | -0.0032 | 5.9544 | 0.0993 | 0.0434  | 0.016   | 0.1587 |
| 1209 | 10.8 | 10.7 | 3.1784 | 2.7793 | -0.0031 | 5.9546 | 0.0997 | 0.043   | 0.0187  | 0.1613 |
| 1210 | 10.2 | 10.7 | 3.1781 | 2.7795 | -0.0031 | 5.9545 | 0.093  | 0.0469  | 0.0199  | 0.1597 |
| 1211 | 10.6 | 10.8 | 3.1778 | 2.7797 | -0.0032 | 5.9543 | 0.082  | 0.0419  | 0.0223  | 0.1462 |
| 1212 | 10.9 | 10.8 | 3.1781 | 2.7797 | -0.0031 | 5.9546 | 0.0795 | 0.0376  | 0.0239  | 0.141  |

|      |      |      |        |        |         |        |         |         |         |         |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 1213 | 10.5 | 10.8 | 3.1783 | 2.7802 | -0.0032 | 5.9553 | 0.0849  | 0.0342  | 0.0243  | 0.1433  |
| 1214 | 11.1 | 10.8 | 3.1779 | 2.7802 | -0.0031 | 5.955  | 0.0847  | 0.0347  | 0.0222  | 0.1415  |
| 1215 | 11.3 | 10.8 | 3.1778 | 2.7805 | -0.0032 | 5.9551 | 0.0949  | 0.0322  | 0.0217  | 0.1487  |
| 1216 | 11.2 | 10.8 | 3.1779 | 2.7808 | -0.0034 | 5.9553 | 0.1002  | 0.0358  | 0.0238  | 0.1598  |
| 1217 | 11   | 10.9 | 3.178  | 2.7809 | -0.0034 | 5.9556 | 0.0916  | 0.032   | 0.0249  | 0.1485  |
| 1218 | 10.8 | 10.9 | 3.1778 | 2.7808 | -0.0035 | 5.9551 | 0.0887  | 0.0379  | 0.0241  | 0.1507  |
| 1219 | 10.7 | 11   | 3.1775 | 2.7806 | -0.0034 | 5.9547 | 0.0824  | 0.0386  | 0.0244  | 0.1455  |
| 1220 | 11.2 | 11.1 | 3.1773 | 2.7806 | -0.0034 | 5.9545 | 0.0831  | 0.0358  | 0.0229  | 0.1418  |
| 1221 | 11   | 11.1 | 3.177  | 2.7807 | -0.0032 | 5.9544 | 0.0848  | 0.0364  | 0.0179  | 0.1391  |
| 1222 | 10.5 | 11.1 | 3.1761 | 2.781  | -0.003  | 5.9541 | 0.0804  | 0.0382  | 0.0141  | 0.1327  |
| 1223 | 10.3 | 11.2 | 3.1753 | 2.7812 | -0.003  | 5.9535 | 0.0742  | 0.0396  | 0.0127  | 0.1265  |
| 1224 | 11.2 | 11.2 | 3.1747 | 2.7813 | -0.0029 | 5.953  | 0.0728  | 0.0416  | 0.0087  | 0.1232  |
| 1225 | 11.3 | 11.2 | 3.1742 | 2.7818 | -0.003  | 5.953  | 0.0763  | 0.0423  | 0.0049  | 0.1234  |
| 1226 | 11.6 | 11.2 | 3.1744 | 2.7821 | -0.0031 | 5.9534 | 0.0682  | 0.0415  | -0.0013 | 0.1085  |
| 1227 | 11.4 | 11.2 | 3.1746 | 2.7823 | -0.003  | 5.9538 | 0.0525  | 0.0373  | -0.0059 | 0.084   |
| 1228 | 11.8 | 11.3 | 3.1742 | 2.782  | -0.0032 | 5.953  | 0.0331  | 0.0314  | -0.008  | 0.0565  |
| 1229 | 11.7 | 11.4 | 3.1742 | 2.7814 | -0.0034 | 5.9523 | 0.0182  | 0.0258  | -0.0088 | 0.0352  |
| 1230 | 11.4 | 11.4 | 3.1744 | 2.7808 | -0.0031 | 5.952  | 0.0074  | 0.0244  | -0.0099 | 0.022   |
| 1231 | 11.7 | 11.4 | 3.1746 | 2.7802 | -0.0029 | 5.9519 | -0.0055 | 0.0107  | -0.0106 | -0.0054 |
| 1232 | 11.7 | 11.4 | 3.1749 | 2.7801 | -0.0028 | 5.9521 | -0.0119 | 0.0074  | -0.0065 | -0.0111 |
| 1233 | 11.5 | 11.5 | 3.175  | 2.7799 | -0.003  | 5.952  | -0.0118 | 0.0072  | -0.0013 | -0.0059 |
| 1234 | 11.2 | 11.4 | 3.176  | 2.7799 | -0.003  | 5.9529 | -0.0121 | -0.0032 | -0.0002 | -0.0155 |
| 1235 | 11.5 | 11.4 | 3.1781 | 2.7798 | -0.0029 | 5.955  | -0.0128 | -0.0082 | 0       | -0.021  |
| 1236 | 11.3 | 11.4 | 3.1789 | 2.7799 | -0.0026 | 5.9562 | -0.0096 | -0.0126 | 0.0032  | -0.019  |
| 1237 | 11.5 | 11.4 | 3.1782 | 2.7803 | -0.0024 | 5.956  | -0.0107 | -0.0165 | 0.0036  | -0.0237 |
| 1238 | 12.1 | 11.3 | 3.177  | 2.7801 | -0.0024 | 5.9547 | -0.0186 | -0.0168 | 0.004   | -0.0314 |
| 1239 | 11.9 | 11.2 | 3.1765 | 2.78   | -0.0029 | 5.9535 | -0.0185 | -0.0083 | 0.0043  | -0.0225 |
| 1240 | 11.4 | 11.2 | 3.1761 | 2.7794 | -0.0033 | 5.9523 | -0.0123 | 0.0003  | 0.0053  | -0.0068 |
| 1241 | 10.8 | 11.1 | 3.1759 | 2.7792 | -0.0034 | 5.9517 | -0.0131 | 0.0067  | 0.0081  | 0.0017  |
| 1242 | 10.7 | 11.1 | 3.1761 | 2.7794 | -0.0033 | 5.9523 | -0.0138 | 0.0098  | 0.007   | 0.003   |
| 1243 | 10.9 | 11   | 3.176  | 2.7791 | -0.0033 | 5.9518 | -0.0127 | 0.0146  | 0.0092  | 0.0111  |
| 1244 | 11.5 | 11   | 3.1761 | 2.7788 | -0.0034 | 5.9516 | -0.0035 | 0.0186  | 0.0065  | 0.0216  |
| 1245 | 11   | 11   | 3.1763 | 2.7785 | -0.0038 | 5.951  | 0.0003  | 0.024   | 0.0018  | 0.0261  |
| 1246 | 10.5 | 11   | 3.176  | 2.7785 | -0.0041 | 5.9504 | 0.0044  | 0.023   | 0.001   | 0.0284  |
| 1247 | 10.2 | 10.9 | 3.1758 | 2.7783 | -0.004  | 5.9501 | 0.0033  | 0.0185  | 0.0066  | 0.0283  |
| 1248 | 10.1 | 10.8 | 3.1758 | 2.778  | -0.004  | 5.9498 | -0.0027 | 0.0209  | 0.0104  | 0.0287  |
| 1249 | 10.6 | 10.7 | 3.1759 | 2.7779 | -0.0039 | 5.9499 | -0.0075 | 0.0169  | 0.0091  | 0.0186  |

|      |      |      |        |        |         |        |         |        |        |        |
|------|------|------|--------|--------|---------|--------|---------|--------|--------|--------|
| 1250 | 10.6 | 10.7 | 3.1754 | 2.7777 | -0.0042 | 5.9489 | -0.0036 | 0.016  | 0.0083 | 0.0206 |
| 1251 | 11   | 10.7 | 3.1751 | 2.7779 | -0.0043 | 5.9487 | 0.0014  | 0.0118 | 0.0071 | 0.0203 |
| 1252 | 10.6 | 10.7 | 3.1749 | 2.7776 | -0.0043 | 5.9483 | 0.0049  | 0.0045 | 0.0034 | 0.0128 |
| 1253 | 11.1 | 10.7 | 3.175  | 2.7772 | -0.0041 | 5.9482 | 0.0095  | 0.0019 | 0.0023 | 0.0137 |
| 1254 | 11   | 10.7 | 3.1752 | 2.7771 | -0.004  | 5.9483 | 0.0155  | 0.0029 | 0.0045 | 0.0229 |
| 1255 | 10.8 | 10.6 | 3.175  | 2.7772 | -0.0041 | 5.9481 | 0.0206  | 0.0013 | 0.0055 | 0.0275 |
| 1256 | 10.5 | 10.7 | 3.1748 | 2.7772 | -0.0046 | 5.9475 | 0.0276  | 0.0041 | 0.005  | 0.0367 |
| 1257 | 10.5 | 10.7 | 3.1746 | 2.7771 | -0.0051 | 5.9466 | 0.0376  | 0.0068 | 0.0073 | 0.0517 |
| 1258 | 10.5 | 10.7 | 3.174  | 2.7769 | -0.0054 | 5.9455 | 0.0406  | 0.0092 | 0.011  | 0.0608 |
| 1259 | 10.3 | 10.7 | 3.1737 | 2.7763 | -0.0054 | 5.9446 | 0.0412  | 0.0162 | 0.0115 | 0.0689 |
| 1260 | 10.3 | 10.7 | 3.1738 | 2.7765 | -0.0055 | 5.9448 | 0.0432  | 0.0237 | 0.0126 | 0.0795 |
| 1261 | 11.3 | 10.7 | 3.1737 | 2.7768 | -0.0056 | 5.9449 | 0.0415  | 0.0264 | 0.0101 | 0.078  |
| 1262 | 10.7 | 10.7 | 3.173  | 2.7766 | -0.0057 | 5.9439 | 0.0382  | 0.0288 | 0.0063 | 0.0733 |
| 1263 | 11.2 | 10.6 | 3.1725 | 2.7761 | -0.0056 | 5.943  | 0.0402  | 0.0293 | 0.0081 | 0.0777 |
| 1264 | 10.2 | 10.6 | 3.172  | 2.7761 | -0.0054 | 5.9427 | 0.0393  | 0.0285 | 0.0095 | 0.0772 |
| 1265 | 11   | 10.6 | 3.1718 | 2.7755 | -0.0054 | 5.9419 | 0.033   | 0.0237 | 0.012  | 0.0687 |
| 1266 | 10.6 | 10.6 | 3.1715 | 2.7757 | -0.0053 | 5.942  | 0.0317  | 0.0246 | 0.0097 | 0.066  |
| 1267 | 10.5 | 10.6 | 3.1715 | 2.7757 | -0.0051 | 5.9421 | 0.0324  | 0.0259 | 0.0065 | 0.0648 |
| 1268 | 10.5 | 10.5 | 3.1719 | 2.7759 | -0.0054 | 5.9423 | 0.034   | 0.0311 | 0.0078 | 0.0728 |
| 1269 | 10   | 10.5 | 3.172  | 2.7759 | -0.0053 | 5.9426 | 0.0328  | 0.03   | 0.0084 | 0.0712 |
| 1270 | 10.7 | 10.5 | 3.1723 | 2.7759 | -0.0049 | 5.9433 | 0.0306  | 0.0281 | 0.0097 | 0.0684 |
| 1271 | 10.7 | 10.5 | 3.1732 | 2.776  | -0.0047 | 5.9444 | 0.0298  | 0.0272 | 0.01   | 0.067  |
| 1272 | 10.7 | 10.4 | 3.1736 | 2.7762 | -0.0048 | 5.945  | 0.0311  | 0.0334 | 0.0109 | 0.0754 |
| 1273 | 10.4 | 10.4 | 3.1739 | 2.776  | -0.0047 | 5.9451 | 0.0233  | 0.0354 | 0.0127 | 0.0714 |
| 1274 | 10.1 | 10.4 | 3.1742 | 2.7753 | -0.0047 | 5.9447 | 0.0066  | 0.0352 | 0.0151 | 0.0569 |
| 1275 | 10.6 | 10.4 | 3.1748 | 2.7749 | -0.0044 | 5.9453 | -0.0012 | 0.0401 | 0.019  | 0.0578 |
| 1276 | 10.1 | 10.4 | 3.1747 | 2.775  | -0.0041 | 5.9456 | -0.0054 | 0.0483 | 0.0189 | 0.0617 |
| 1277 | 10.2 | 10.4 | 3.1756 | 2.7751 | -0.0041 | 5.9466 | -0.0033 | 0.0597 | 0.0158 | 0.0722 |
| 1278 | 9.96 | 10.3 | 3.1761 | 2.775  | -0.004  | 5.9471 | -0.003  | 0.0662 | 0.012  | 0.0752 |
| 1279 | 10.5 | 10.3 | 3.1767 | 2.7751 | -0.0041 | 5.9477 | -0.0099 | 0.0612 | 0.0076 | 0.0589 |
| 1280 | 10.4 | 10.3 | 3.1768 | 2.7754 | -0.0042 | 5.948  | -0.0135 | 0.0495 | 0.0075 | 0.0435 |
| 1281 | 10.1 | 10.3 | 3.1766 | 2.7756 | -0.0041 | 5.9481 | -0.013  | 0.0403 | 0.0103 | 0.0377 |
| 1282 | 10.4 | 10.2 | 3.1766 | 2.7755 | -0.004  | 5.9481 | -0.0106 | 0.0305 | 0.0129 | 0.0328 |
| 1283 | 10.3 | 10.2 | 3.1769 | 2.7764 | -0.0041 | 5.9492 | -0.0072 | 0.0275 | 0.0143 | 0.0346 |
| 1284 | 10.5 | 10.3 | 3.1768 | 2.777  | -0.0041 | 5.9497 | -0.0029 | 0.0241 | 0.0161 | 0.0373 |
| 1285 | 10.2 | 10.3 | 3.1766 | 2.7774 | -0.0043 | 5.9498 | 0.0107  | 0.0233 | 0.019  | 0.053  |
| 1286 | 10.2 | 10.3 | 3.1766 | 2.7774 | -0.0041 | 5.9499 | 0.0339  | 0.0189 | 0.0226 | 0.0754 |

|      |      |      |        |        |         |        |         |         |         |         |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 1287 | 9.81 | 10.4 | 3.1768 | 2.7772 | -0.0041 | 5.9499 | 0.0393  | 0.0219  | 0.0263  | 0.0875  |
| 1288 | 10.4 | 10.4 | 3.1765 | 2.7772 | -0.0043 | 5.9494 | 0.0306  | 0.0279  | 0.0264  | 0.0849  |
| 1289 | 10.2 | 10.4 | 3.1759 | 2.777  | -0.0044 | 5.9485 | 0.0188  | 0.0263  | 0.0247  | 0.0698  |
| 1290 | 9.97 | 10.5 | 3.1755 | 2.7767 | -0.0045 | 5.9478 | 0.0168  | 0.024   | 0.0195  | 0.0604  |
| 1291 | 10   | 10.5 | 3.1758 | 2.7769 | -0.0041 | 5.9486 | 0.0158  | 0.0238  | 0.0168  | 0.0565  |
| 1292 | 10.6 | 10.5 | 3.1763 | 2.7768 | -0.0039 | 5.9492 | 0.0136  | 0.0306  | 0.0174  | 0.0616  |
| 1293 | 11   | 10.5 | 3.1763 | 2.7768 | -0.0037 | 5.9494 | 0.015   | 0.0357  | 0.0203  | 0.071   |
| 1294 | 10.7 | 10.6 | 3.1762 | 2.7768 | -0.0035 | 5.9496 | 0.0137  | 0.0402  | 0.0214  | 0.0753  |
| 1295 | 11   | 10.6 | 3.1763 | 2.7771 | -0.0035 | 5.95   | 0.0171  | 0.0421  | 0.0176  | 0.0768  |
| 1296 | 10.9 | 10.7 | 3.1768 | 2.7776 | -0.0037 | 5.9507 | 0.0162  | 0.0325  | 0.0109  | 0.0596  |
| 1297 | 11   | 10.8 | 3.1777 | 2.7774 | -0.0038 | 5.9512 | 0.0144  | 0.0286  | 0.0084  | 0.0514  |
| 1298 | 10.9 | 10.9 | 3.1785 | 2.7777 | -0.0036 | 5.9525 | 0.0112  | 0.0269  | 0.0105  | 0.0486  |
| 1299 | 10.6 | 10.9 | 3.1784 | 2.7774 | -0.0036 | 5.9522 | 0.0084  | 0.0223  | 0.0106  | 0.0413  |
| 1300 | 11   | 11   | 3.178  | 2.7776 | -0.0036 | 5.952  | 0.0074  | 0.0221  | 0.0124  | 0.0419  |
| 1301 | 10.4 | 11.1 | 3.1775 | 2.778  | -0.0035 | 5.952  | 0.001   | 0.0238  | 0.0065  | 0.0312  |
| 1302 | 11   | 11.1 | 3.1771 | 2.7784 | -0.0036 | 5.9518 | -0.0027 | 0.0268  | 0.0016  | 0.0258  |
| 1303 | 11.2 | 11.1 | 3.1765 | 2.7787 | -0.0037 | 5.9515 | -0.0055 | 0.0232  | 0.0004  | 0.018   |
| 1304 | 11.4 | 11.1 | 3.1761 | 2.7787 | -0.0038 | 5.9511 | -0.0068 | 0.0172  | 0.0007  | 0.0112  |
| 1305 | 11.8 | 11.1 | 3.1758 | 2.7784 | -0.0038 | 5.9505 | -0.0075 | 0.015   | -0.0022 | 0.0053  |
| 1306 | 11.5 | 11.1 | 3.1751 | 2.7783 | -0.0041 | 5.9493 | -0.0112 | 0.0151  | -0.0061 | -0.0023 |
| 1307 | 11.6 | 11.2 | 3.1746 | 2.7782 | -0.0043 | 5.9484 | -0.0134 | 0.0155  | -0.0115 | -0.0094 |
| 1308 | 11.2 | 11.2 | 3.1743 | 2.7775 | -0.0044 | 5.9475 | -0.0164 | 0.0138  | -0.016  | -0.0185 |
| 1309 | 11.5 | 11.2 | 3.1741 | 2.777  | -0.0044 | 5.9467 | -0.0251 | 0.0097  | -0.0197 | -0.0351 |
| 1310 | 10.9 | 11.2 | 3.1739 | 2.7769 | -0.0041 | 5.9467 | -0.0287 | 0.0047  | -0.0195 | -0.0436 |
| 1311 | 11.4 | 11.2 | 3.174  | 2.7768 | -0.0038 | 5.947  | -0.0288 | 0.0056  | -0.0166 | -0.0398 |
| 1312 | 11   | 11.2 | 3.174  | 2.7768 | -0.0039 | 5.9469 | -0.0311 | 0.0062  | -0.0166 | -0.0415 |
| 1313 | 10.9 | 11.2 | 3.1744 | 2.7773 | -0.0041 | 5.9475 | -0.0363 | 0.0027  | -0.0159 | -0.0495 |
| 1314 | 11.3 | 11.2 | 3.1746 | 2.7778 | -0.0043 | 5.9481 | -0.0427 | -0.0038 | -0.012  | -0.0585 |
| 1315 | 11.3 | 11.1 | 3.1746 | 2.7781 | -0.0042 | 5.9485 | -0.0493 | -0.0048 | -0.0079 | -0.0621 |
| 1316 | 11.2 | 11.1 | 3.1747 | 2.7782 | -0.004  | 5.9488 | -0.0506 | -0.0076 | -0.0064 | -0.0645 |
| 1317 | 10.8 | 11   | 3.1746 | 2.7778 | -0.0042 | 5.9483 | -0.0515 | -0.0033 | -0.005  | -0.0598 |
| 1318 | 10.7 | 11   | 3.1745 | 2.7778 | -0.0043 | 5.9479 | -0.052  | 0.0012  | -0.0049 | -0.0557 |
| 1319 | 10.9 | 11   | 3.1744 | 2.7778 | -0.0044 | 5.9478 | -0.0508 | 0.0039  | -0.0084 | -0.0553 |
| 1320 | 10.6 | 11   | 3.1743 | 2.7779 | -0.0044 | 5.9478 | -0.05   | 0.004   | -0.0087 | -0.0548 |
| 1321 | 11.3 | 11   | 3.1738 | 2.7774 | -0.0043 | 5.9469 | -0.0477 | 0.0066  | -0.0055 | -0.0467 |
| 1322 | 10.9 | 11   | 3.1738 | 2.7775 | -0.0043 | 5.947  | -0.0466 | 0.0074  | -0.0031 | -0.0422 |
| 1323 | 11.3 | 11   | 3.1746 | 2.7777 | -0.0045 | 5.9478 | -0.0437 | 0.0046  | -0.0048 | -0.0439 |

|      |      |      |        |        |         |        |         |         |         |         |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 1324 | 11.2 | 10.9 | 3.1748 | 2.7773 | -0.0048 | 5.9473 | -0.0402 | -0.0029 | -0.0039 | -0.047  |
| 1325 | 10.6 | 10.9 | 3.1748 | 2.7769 | -0.0049 | 5.9468 | -0.0321 | -0.0131 | -0.0027 | -0.0479 |
| 1326 | 10.6 | 10.9 | 3.1747 | 2.7761 | -0.0047 | 5.9462 | -0.0228 | -0.0225 | 0.0009  | -0.0444 |
| 1327 | 10.7 | 10.9 | 3.1749 | 2.7757 | -0.0042 | 5.9463 | -0.0231 | -0.0249 | 0.004   | -0.044  |
| 1328 | 11.2 | 11   | 3.1752 | 2.7759 | -0.004  | 5.9471 | -0.0146 | -0.0257 | 0.0047  | -0.0356 |
| 1329 | 11   | 11   | 3.1756 | 2.7764 | -0.0041 | 5.9479 | -0.0102 | -0.0224 | 0.007   | -0.0257 |
| 1330 | 10.7 | 11   | 3.1757 | 2.7767 | -0.0042 | 5.9483 | -0.0044 | -0.0201 | 0.0074  | -0.0171 |
| 1331 | 11.2 | 11   | 3.1757 | 2.7772 | -0.0042 | 5.9487 | -0.0044 | -0.0143 | 0.0089  | -0.0097 |
| 1332 | 10.9 | 11   | 3.1756 | 2.7773 | -0.0043 | 5.9486 | -0.0055 | -0.0013 | 0.0113  | 0.0045  |
| 1333 | 10.9 | 11   | 3.1753 | 2.7775 | -0.0046 | 5.9482 | -0.0039 | 0.0019  | 0.0129  | 0.0109  |
| 1334 | 11.2 | 10.9 | 3.1749 | 2.7776 | -0.0049 | 5.9476 | 0.0007  | 0.0142  | 0.0144  | 0.0293  |
| 1335 | 10.9 | 10.9 | 3.1747 | 2.7779 | -0.0051 | 5.9475 | 0.0098  | 0.0246  | 0.013   | 0.0474  |
| 1336 | 11.2 | 10.9 | 3.1749 | 2.7778 | -0.0052 | 5.9475 | 0.0032  | 0.0276  | 0.0112  | 0.0421  |
| 1337 | 11.1 | 10.9 | 3.1751 | 2.7775 | -0.0051 | 5.9475 | 0.0013  | 0.0266  | 0.0113  | 0.0391  |
| 1338 | 11.2 | 10.9 | 3.1751 | 2.7775 | -0.0049 | 5.9477 | 0.0013  | 0.0271  | 0.0097  | 0.038   |
| 1339 | 11.2 | 10.8 | 3.1748 | 2.7776 | -0.0049 | 5.9475 | -0.0017 | 0.0289  | 0.0065  | 0.0338  |
| 1340 | 11   | 10.8 | 3.1745 | 2.7771 | -0.005  | 5.9466 | -0.0077 | 0.0294  | 0.0042  | 0.0259  |
| 1341 | 10.9 | 10.8 | 3.1745 | 2.7761 | -0.0051 | 5.9456 | -0.0129 | 0.0268  | 0.0041  | 0.018   |
| 1342 | 10.5 | 10.8 | 3.1746 | 2.7759 | -0.0053 | 5.9452 | -0.0146 | 0.0273  | 0.0086  | 0.0214  |
| 1343 | 10.4 | 10.8 | 3.1746 | 2.7751 | -0.0054 | 5.9443 | -0.0127 | 0.027   | 0.0094  | 0.0236  |
| 1344 | 11.1 | 10.8 | 3.1744 | 2.7746 | -0.0052 | 5.9439 | -0.0146 | 0.023   | 0.011   | 0.0194  |
| 1345 | 10.3 | 10.7 | 3.1747 | 2.7753 | -0.0049 | 5.945  | -0.013  | 0.0185  | 0.015   | 0.0205  |
| 1346 | 10.6 | 10.7 | 3.1746 | 2.7756 | -0.0049 | 5.9453 | -0.0126 | 0.0204  | 0.0191  | 0.027   |
| 1347 | 10.3 | 10.6 | 3.1746 | 2.7756 | -0.005  | 5.9452 | -0.0042 | 0.0307  | 0.0175  | 0.044   |
| 1348 | 10.3 | 10.6 | 3.1749 | 2.7757 | -0.005  | 5.9456 | 0.0041  | 0.0198  | 0.017   | 0.041   |
| 1349 | 10.2 | 10.6 | 3.1752 | 2.7757 | -0.0051 | 5.9457 | 0.0095  | 0.0237  | 0.0174  | 0.0507  |
| 1350 | 10.6 | 10.5 | 3.1753 | 2.7753 | -0.0048 | 5.9458 | 0.0086  | 0.0193  | 0.0157  | 0.0436  |
| 1351 | 11.1 | 10.5 | 3.1753 | 2.7752 | -0.0045 | 5.9461 | 0.0036  | 0.0166  | 0.0151  | 0.0353  |
| 1352 | 10.9 | 10.5 | 3.1755 | 2.7753 | -0.0043 | 5.9465 | -0.0008 | 0.0188  | 0.0162  | 0.0342  |
| 1353 | 10.6 | 10.4 | 3.1757 | 2.7755 | -0.0042 | 5.947  | -0.006  | 0.0216  | 0.0137  | 0.0294  |
| 1354 | 10.3 | 10.4 | 3.1759 | 2.7756 | -0.0038 | 5.9477 | -0.0139 | 0.0212  | 0.0089  | 0.0162  |
| 1355 | 10.3 | 10.4 | 3.1761 | 2.7757 | -0.0035 | 5.9483 | -0.0212 | 0.0165  | 0.0075  | 0.0028  |
| 1356 | 10.5 | 10.5 | 3.1762 | 2.7757 | -0.0034 | 5.9485 | -0.0253 | 0.0134  | 0.0075  | -0.0044 |
| 1357 | 10.7 | 10.5 | 3.1762 | 2.7757 | -0.0035 | 5.9484 | -0.0321 | 0.0129  | 0.0061  | -0.0131 |
| 1358 | 10.2 | 10.5 | 3.1765 | 2.7759 | -0.0034 | 5.949  | -0.0365 | 0.0109  | 0.0072  | -0.0185 |
| 1359 | 10.3 | 10.5 | 3.1766 | 2.7758 | -0.0034 | 5.949  | -0.0406 | 0.0024  | 0.007   | -0.0312 |
| 1360 | 9.93 | 10.5 | 3.1767 | 2.7759 | -0.0038 | 5.9488 | -0.0417 | -0.0036 | 0.0061  | -0.0393 |

|      |      |      |        |        |         |        |         |         |        |         |
|------|------|------|--------|--------|---------|--------|---------|---------|--------|---------|
| 1361 | 10.2 | 10.5 | 3.1768 | 2.7762 | -0.0039 | 5.949  | -0.043  | -0.0077 | 0.0109 | -0.0397 |
| 1362 | 10.1 | 10.5 | 3.1766 | 2.7763 | -0.0041 | 5.9489 | -0.0424 | -0.0152 | 0.0144 | -0.0432 |
| 1363 | 10.4 | 10.6 | 3.1767 | 2.7765 | -0.0044 | 5.9488 | -0.0427 | -0.0219 | 0.0147 | -0.0499 |
| 1364 | 10.8 | 10.6 | 3.1769 | 2.7766 | -0.0046 | 5.9489 | -0.0367 | -0.0106 | 0.0133 | -0.034  |
| 1365 | 11.1 | 10.6 | 3.1768 | 2.7763 | -0.0048 | 5.9484 | -0.0321 | 0.0009  | 0.0139 | -0.0174 |
| 1366 | 10.5 | 10.6 | 3.1767 | 2.776  | -0.0048 | 5.9479 | -0.0321 | 0.0076  | 0.0162 | -0.0084 |
| 1367 | 10.6 | 10.7 | 3.1767 | 2.7756 | -0.0046 | 5.9477 | -0.0342 | 0.0108  | 0.0181 | -0.0053 |
| 1368 | 10.5 | 10.7 | 3.177  | 2.7755 | -0.0046 | 5.9479 | -0.0381 | 0.0136  | 0.0189 | -0.0056 |
| 1369 | 11.4 | 10.7 | 3.177  | 2.7755 | -0.0044 | 5.9481 | -0.0398 | 0.0134  | 0.0205 | -0.0059 |
| 1370 | 10.9 | 10.8 | 3.1771 | 2.7752 | -0.0043 | 5.948  | -0.0424 | 0.0202  | 0.0187 | -0.0035 |
| 1371 | 10.8 | 10.8 | 3.1778 | 2.7752 | -0.0044 | 5.9487 | -0.042  | 0.0272  | 0.0162 | 0.0014  |
| 1372 | 11.2 | 10.9 | 3.178  | 2.7757 | -0.0043 | 5.9494 | -0.0465 | 0.0235  | 0.0179 | -0.0051 |
| 1373 | 10.8 | 10.9 | 3.1779 | 2.7762 | -0.0043 | 5.9498 | -0.0499 | 0.027   | 0.021  | -0.0019 |
| 1374 | 11.1 | 10.9 | 3.1774 | 2.7766 | -0.0044 | 5.9495 | -0.0356 | 0.0302  | 0.0201 | 0.0147  |
| 1375 | 10.9 | 10.9 | 3.1771 | 2.7772 | -0.0045 | 5.9497 | -0.0296 | 0.0305  | 0.0192 | 0.0202  |
| 1376 | 11.1 | 10.9 | 3.177  | 2.7775 | -0.0045 | 5.95   | -0.0222 | 0.0326  | 0.0195 | 0.0298  |
| 1377 | 11.1 | 10.9 | 3.1771 | 2.7777 | -0.0046 | 5.9502 | -0.0184 | 0.0342  | 0.0178 | 0.0337  |
| 1378 | 10.6 | 11   | 3.1771 | 2.7773 | -0.0047 | 5.9496 | -0.0104 | 0.042   | 0.0212 | 0.0527  |
| 1379 | 10.9 | 10.9 | 3.1772 | 2.7771 | -0.0049 | 5.9494 | 0.0003  | 0.0572  | 0.0236 | 0.0811  |
| 1380 | 11.2 | 10.9 | 3.1772 | 2.7768 | -0.0051 | 5.949  | 0.0073  | 0.0667  | 0.0188 | 0.0927  |
| 1381 | 11.4 | 11   | 3.1771 | 2.7757 | -0.0052 | 5.9476 | 0.0084  | 0.0687  | 0.0183 | 0.0953  |
| 1382 | 10.4 | 10.9 | 3.177  | 2.7753 | -0.0053 | 5.947  | 0.0087  | 0.0734  | 0.0176 | 0.0996  |
| 1383 | 10.8 | 10.9 | 3.1768 | 2.775  | -0.0055 | 5.9463 | 0.0082  | 0.0758  | 0.017  | 0.1009  |
| 1384 | 10.7 | 10.9 | 3.1758 | 2.7745 | -0.0054 | 5.945  | 0.0079  | 0.0856  | 0.0134 | 0.107   |
| 1385 | 11   | 10.9 | 3.1763 | 2.7746 | -0.0054 | 5.9456 | 0.004   | 0.0814  | 0.01   | 0.0954  |
| 1386 | 11   | 10.8 | 3.1765 | 2.7748 | -0.0053 | 5.946  | 0.0082  | 0.0789  | 0.0071 | 0.0941  |
| 1387 | 11.1 | 10.8 | 3.1767 | 2.7745 | -0.0051 | 5.9461 | 0.0092  | 0.0764  | 0.0117 | 0.0974  |
| 1388 | 10.9 | 10.8 | 3.1766 | 2.7743 | -0.005  | 5.946  | 0.0101  | 0.0737  | 0.0178 | 0.1015  |
| 1389 | 11.3 | 10.8 | 3.1767 | 2.7741 | -0.0049 | 5.946  | 0.0098  | 0.0784  | 0.0146 | 0.1028  |
| 1390 | 10.8 | 10.7 | 3.1768 | 2.7741 | -0.0049 | 5.946  | 0.0073  | 0.0809  | 0.0092 | 0.0973  |
| 1391 | 10.6 | 10.6 | 3.1773 | 2.7741 | -0.005  | 5.9464 | 0.0035  | 0.0705  | 0.008  | 0.082   |
| 1392 | 11   | 10.6 | 3.1776 | 2.7741 | -0.0049 | 5.9468 | 0.0053  | 0.0545  | 0.0096 | 0.0694  |
| 1393 | 10.5 | 10.6 | 3.1778 | 2.7745 | -0.0048 | 5.9475 | 0.0099  | 0.0512  | 0.0133 | 0.0744  |
| 1394 | 10.6 | 10.6 | 3.1775 | 2.775  | -0.005  | 5.9475 | 0.0119  | 0.0468  | 0.0174 | 0.0761  |
| 1395 | 10.4 | 10.6 | 3.1776 | 2.7751 | -0.0054 | 5.9473 | 0.0076  | 0.0443  | 0.0188 | 0.0708  |
| 1396 | 10.3 | 10.6 | 3.1772 | 2.7745 | -0.0054 | 5.9463 | 0.0065  | 0.0513  | 0.0176 | 0.0754  |
| 1397 | 10.4 | 10.6 | 3.1772 | 2.7754 | -0.0055 | 5.9471 | 0.005   | 0.0525  | 0.0144 | 0.0719  |

|      |      |      |        |        |         |        |         |         |         |         |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 1398 | 10.7 | 10.6 | 3.1775 | 2.7753 | -0.0054 | 5.9474 | 0.0053  | 0.0448  | 0.0148  | 0.0649  |
| 1399 | 9.81 | 10.6 | 3.1775 | 2.7755 | -0.0052 | 5.9478 | 0.0074  | 0.0442  | 0.0116  | 0.0632  |
| 1400 | 9.89 | 10.6 | 3.1776 | 2.776  | -0.0051 | 5.9485 | 0.0028  | 0.035   | 0.0084  | 0.0462  |
| 1401 | 10.3 | 10.6 | 3.1776 | 2.7761 | -0.0051 | 5.9486 | 0.007   | 0.0335  | 0.0091  | 0.0496  |
| 1402 | 10.6 | 10.5 | 3.1777 | 2.7763 | -0.005  | 5.9489 | 0.0075  | 0.0331  | 0.0106  | 0.0512  |
| 1403 | 10.8 | 10.5 | 3.1779 | 2.7766 | -0.0046 | 5.9499 | 0.0082  | 0.0308  | 0.0136  | 0.0526  |
| 1404 | 10.7 | 10.5 | 3.1782 | 2.7771 | -0.0045 | 5.9508 | 0.0091  | 0.0326  | 0.0178  | 0.0595  |
| 1405 | 11   | 10.5 | 3.1784 | 2.7771 | -0.0045 | 5.951  | 0.0072  | 0.0307  | 0.0248  | 0.0627  |
| 1406 | 10.9 | 10.5 | 3.1783 | 2.777  | -0.0047 | 5.9507 | 0.001   | 0.0289  | 0.0288  | 0.0587  |
| 1407 | 11   | 10.5 | 3.1782 | 2.7771 | -0.0051 | 5.9502 | -0.0055 | 0.0294  | 0.029   | 0.0529  |
| 1408 | 10.4 | 10.5 | 3.1784 | 2.7773 | -0.0051 | 5.9506 | -0.0066 | 0.0248  | 0.0295  | 0.0476  |
| 1409 | 11   | 10.6 | 3.1783 | 2.7773 | -0.005  | 5.9506 | -0.0045 | 0.0203  | 0.0318  | 0.0476  |
| 1410 | 10.7 | 10.6 | 3.1782 | 2.7777 | -0.0052 | 5.9507 | -0.0108 | 0.0156  | 0.029   | 0.0337  |
| 1411 | 10.1 | 10.6 | 3.1782 | 2.7783 | -0.0052 | 5.9513 | -0.0151 | 0.0136  | 0.0239  | 0.0224  |
| 1412 | 10.3 | 10.6 | 3.1783 | 2.779  | -0.0054 | 5.9519 | -0.0228 | 0.0085  | 0.0217  | 0.0074  |
| 1413 | 10.3 | 10.6 | 3.178  | 2.7784 | -0.0055 | 5.9509 | -0.0297 | 0.0081  | 0.0178  | -0.0038 |
| 1414 | 10.6 | 10.6 | 3.1778 | 2.7777 | -0.0057 | 5.9499 | -0.0294 | 0.0066  | 0.0138  | -0.009  |
| 1415 | 10.7 | 10.6 | 3.1779 | 2.7773 | -0.0058 | 5.9494 | -0.0272 | 0.0048  | 0.0102  | -0.0122 |
| 1416 | 10.5 | 10.6 | 3.1781 | 2.7771 | -0.0059 | 5.9493 | -0.0285 | -0.0023 | 0.0094  | -0.0215 |
| 1417 | 10.7 | 10.5 | 3.1785 | 2.7765 | -0.0061 | 5.9488 | -0.029  | -0.0041 | 0.0078  | -0.0253 |
| 1418 | 10.7 | 10.6 | 3.1785 | 2.7764 | -0.0063 | 5.9485 | -0.0281 | -0.0045 | 0.0066  | -0.0259 |
| 1419 | 10.5 | 10.6 | 3.1786 | 2.7758 | -0.0062 | 5.9482 | -0.0229 | -0.004  | 0.0065  | -0.0203 |
| 1420 | 10.4 | 10.6 | 3.1785 | 2.7752 | -0.006  | 5.9477 | -0.018  | -0.001  | 0.0094  | -0.0095 |
| 1421 | 10.6 | 10.6 | 3.1785 | 2.775  | -0.0061 | 5.9474 | -0.015  | -0.0026 | 0.011   | -0.0067 |
| 1422 | 10.9 | 10.6 | 3.1788 | 2.7748 | -0.0064 | 5.9472 | -0.0109 | -0.0035 | 0.0101  | -0.0043 |
| 1423 | 9.91 | 10.6 | 3.1782 | 2.7747 | -0.0065 | 5.9463 | -0.0159 | 0.0017  | 0.0102  | -0.004  |
| 1424 | 10.2 | 10.6 | 3.1778 | 2.7742 | -0.0067 | 5.9452 | -0.0229 | 0.0065  | 0.0098  | -0.0065 |
| 1425 | 10.9 | 10.6 | 3.177  | 2.7737 | -0.0068 | 5.9438 | -0.0332 | 0.0089  | 0.0067  | -0.0176 |
| 1426 | 10.8 | 10.6 | 3.1766 | 2.7727 | -0.0065 | 5.9428 | -0.0385 | 0.0116  | 0.004   | -0.0228 |
| 1427 | 10.9 | 10.6 | 3.1759 | 2.7715 | -0.0063 | 5.9411 | -0.0417 | 0.0169  | 0.0036  | -0.0212 |
| 1428 | 11.2 | 10.5 | 3.1752 | 2.7702 | -0.0064 | 5.939  | -0.0496 | 0.0179  | 0.0005  | -0.0312 |
| 1429 | 10.7 | 10.5 | 3.1748 | 2.7698 | -0.006  | 5.9386 | -0.0531 | 0.0114  | -0.001  | -0.0427 |
| 1430 | 10.5 | 10.4 | 3.1749 | 2.7699 | -0.006  | 5.9387 | -0.0586 | 0.0112  | -0.0013 | -0.0487 |
| 1431 | 10.6 | 10.4 | 3.1748 | 2.7698 | -0.006  | 5.9387 | -0.0658 | 0.0107  | -0.0039 | -0.0589 |
| 1432 | 10.6 | 10.3 | 3.1748 | 2.7697 | -0.006  | 5.9385 | -0.0683 | 0       | -0.0068 | -0.0752 |
| 1433 | 10.3 | 10.2 | 3.1745 | 2.7689 | -0.0059 | 5.9375 | -0.0689 | -0.004  | -0.0085 | -0.0814 |
| 1434 | 10.5 | 10.2 | 3.1745 | 2.7695 | -0.0059 | 5.9381 | -0.0711 | -0.0094 | -0.013  | -0.0935 |



|      |      |      |        |        |         |        |         |         |         |         |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 1435 | 10   | 10.1 | 3.1739 | 2.77   | -0.0058 | 5.9381 | -0.0783 | -0.0164 | -0.013  | -0.1077 |
| 1436 | 10.3 | 10   | 3.174  | 2.7701 | -0.0064 | 5.9378 | -0.072  | -0.0173 | -0.012  | -0.1013 |
| 1437 | 9.86 | 9.94 | 3.1741 | 2.7701 | -0.0068 | 5.9374 | -0.0694 | -0.0227 | -0.0079 | -0.0999 |
| 1438 | 9.74 | 9.83 | 3.1741 | 2.7696 | -0.0063 | 5.9375 | -0.0673 | -0.027  | -0.0028 | -0.0971 |
| 1439 | 9.54 | 9.78 | 3.1741 | 2.7695 | -0.0058 | 5.9377 | -0.0707 | -0.026  | -0.0036 | -0.1003 |
| 1440 | 9.31 | 9.73 | 3.1742 | 2.77   | -0.0058 | 5.9384 | -0.0747 | -0.0275 | -0.0034 | -0.1056 |
| 1441 | 9.13 | 9.65 | 3.174  | 2.7707 | -0.0061 | 5.9386 | -0.0785 | -0.0315 | -0.0039 | -0.1139 |
| 1442 | 9.22 | 9.6  | 3.1736 | 2.7707 | -0.0067 | 5.9377 | -0.0716 | -0.0276 | -0.008  | -0.1073 |
| 1443 | 9.14 | 9.56 | 3.1734 | 2.7704 | -0.0071 | 5.9367 | -0.0662 | -0.0256 | -0.0066 | -0.0983 |
| 1444 | 9.23 | 9.52 | 3.1737 | 2.7702 | -0.007  | 5.9368 | -0.062  | -0.0166 | -0.0056 | -0.0841 |
| 1445 | 9.33 | 9.49 | 3.174  | 2.7701 | -0.0067 | 5.9375 | -0.0636 | -0.0094 | -0.0073 | -0.0803 |
| 1446 | 9.8  | 9.45 | 3.1741 | 2.7704 | -0.0063 | 5.9381 | -0.0619 | -0.006  | -0.0118 | -0.0797 |
| 1447 | 9.04 | 9.44 | 3.1741 | 2.7711 | -0.0065 | 5.9388 | -0.0617 | -0.013  | -0.0114 | -0.0861 |
| 1448 | 9.78 | 9.44 | 3.1742 | 2.7713 | -0.0062 | 5.9393 | -0.0574 | -0.0036 | -0.0111 | -0.0722 |
| 1449 | 9.41 | 9.45 | 3.1749 | 2.7722 | -0.006  | 5.9411 | -0.054  | -0.0015 | -0.0088 | -0.0643 |
| 1450 | 9.17 | 9.49 | 3.1746 | 2.772  | -0.0058 | 5.9408 | -0.0528 | -0.0019 | -0.0067 | -0.0615 |
| 1451 | 9.55 | 9.5  | 3.1746 | 2.7719 | -0.0055 | 5.941  | -0.051  | -0.0021 | -0.007  | -0.0601 |
| 1452 | 9.65 | 9.54 | 3.1746 | 2.7722 | -0.0057 | 5.9412 | -0.0499 | -0.0068 | -0.0084 | -0.0652 |
| 1453 | 9.68 | 9.56 | 3.1748 | 2.7723 | -0.006  | 5.9411 | -0.0475 | -0.0026 | -0.0067 | -0.0568 |
| 1454 | 9.42 | 9.61 | 3.1752 | 2.7725 | -0.0063 | 5.9415 | -0.0395 | 0.0004  | -0.001  | -0.0401 |
| 1455 | 9.58 | 9.67 | 3.176  | 2.7728 | -0.0063 | 5.9424 | -0.0394 | 0.0083  | 0.0013  | -0.0298 |
| 1456 | 9.56 | 9.7  | 3.1767 | 2.7728 | -0.0063 | 5.9432 | -0.0365 | 0.0088  | 0.0009  | -0.0269 |
| 1457 | 9.79 | 9.76 | 3.1769 | 2.7732 | -0.0064 | 5.9436 | -0.0367 | 0.0089  | -0.0013 | -0.0291 |
| 1458 | 9.81 | 9.77 | 3.177  | 2.7739 | -0.0066 | 5.9442 | -0.0394 | 0.0125  | -0.0036 | -0.0305 |
| 1459 | 9.93 | 9.8  | 3.1777 | 2.7743 | -0.0063 | 5.9456 | -0.0393 | 0.0209  | -0.004  | -0.0224 |
| 1460 | 9.47 | 9.86 | 3.1782 | 2.7746 | -0.0062 | 5.9465 | -0.0431 | 0.0228  | -0.0024 | -0.0228 |
| 1461 | 9.86 | 9.9  | 3.1791 | 2.7753 | -0.0061 | 5.9483 | -0.045  | 0.0279  | -0.0055 | -0.0226 |
| 1462 | 9.66 | 9.93 | 3.1796 | 2.7755 | -0.0059 | 5.9492 | -0.0412 | 0.0368  | -0.0073 | -0.0117 |
| 1463 | 10.2 | 9.96 | 3.1797 | 2.7758 | -0.0058 | 5.9497 | -0.038  | 0.0426  | -0.0108 | -0.0062 |
| 1464 | 10.4 | 10   | 3.1796 | 2.7761 | -0.0056 | 5.9501 | -0.0417 | 0.0399  | -0.0107 | -0.0126 |
| 1465 | 10.3 | 10   | 3.1797 | 2.7765 | -0.0057 | 5.9505 | -0.0436 | 0.0376  | -0.0149 | -0.0209 |
| 1466 | 10.3 | 10.1 | 3.1796 | 2.7764 | -0.0056 | 5.9505 | -0.0397 | 0.035   | -0.0157 | -0.0204 |
| 1467 | 9.92 | 10.1 | 3.1795 | 2.7761 | -0.0053 | 5.9503 | -0.034  | 0.0321  | -0.0148 | -0.0167 |
| 1468 | 10   | 10.1 | 3.1792 | 2.7759 | -0.0053 | 5.9499 | -0.0335 | 0.0244  | -0.0183 | -0.0273 |
| 1469 | 10.2 | 10.1 | 3.1788 | 2.7756 | -0.0054 | 5.949  | -0.0284 | 0.0252  | -0.0215 | -0.0246 |
| 1470 | 10.3 | 10.1 | 3.1786 | 2.7755 | -0.0054 | 5.9487 | -0.0207 | 0.0183  | -0.0204 | -0.0227 |
| 1471 | 10.4 | 10.2 | 3.1789 | 2.7756 | -0.0054 | 5.9491 | -0.0208 | 0.01    | -0.0182 | -0.029  |

|      |      |      |        |        |         |        |         |         |         |         |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 1472 | 10.2 | 10.2 | 3.1796 | 2.7755 | -0.0053 | 5.9498 | -0.0216 | 0.0077  | -0.0177 | -0.0317 |
| 1473 | 10.2 | 10.2 | 3.1802 | 2.7756 | -0.0053 | 5.9505 | -0.0171 | 0.0053  | -0.0214 | -0.0332 |
| 1474 | 10.1 | 10.2 | 3.1807 | 2.7757 | -0.0051 | 5.9513 | -0.0215 | 0.0036  | -0.024  | -0.0419 |
| 1475 | 10.3 | 10.2 | 3.1809 | 2.776  | -0.0049 | 5.952  | -0.0263 | -0.0032 | -0.0255 | -0.055  |
| 1476 | 10.4 | 10.3 | 3.1812 | 2.7758 | -0.0049 | 5.9522 | -0.0303 | -0.0148 | -0.0235 | -0.0686 |
| 1477 | 9.93 | 10.3 | 3.1821 | 2.7759 | -0.0046 | 5.9533 | -0.0343 | -0.0201 | -0.0187 | -0.0731 |
| 1478 | 9.8  | 10.3 | 3.1824 | 2.7761 | -0.0046 | 5.9539 | -0.0439 | -0.0374 | -0.0183 | -0.0996 |
| 1479 | 10.1 | 10.3 | 3.183  | 2.776  | -0.0047 | 5.9543 | -0.0521 | -0.0509 | -0.0198 | -0.1229 |
| 1480 | 10.4 | 10.3 | 3.1838 | 2.7757 | -0.0047 | 5.9549 | -0.0531 | -0.0589 | -0.0178 | -0.1298 |
| 1481 | 10.3 | 10.3 | 3.1839 | 2.7757 | -0.0045 | 5.9551 | -0.0499 | -0.0599 | -0.0173 | -0.1272 |
| 1482 | 10.3 | 10.3 | 3.1839 | 2.7757 | -0.0044 | 5.9552 | -0.0441 | -0.061  | -0.0148 | -0.12   |
| 1483 | 10.9 | 10.3 | 3.1839 | 2.7759 | -0.0042 | 5.9556 | -0.0417 | -0.0608 | -0.0129 | -0.1154 |
| 1484 | 10.7 | 10.3 | 3.1837 | 2.7761 | -0.0041 | 5.9557 | -0.0492 | -0.0683 | -0.0096 | -0.1271 |
| 1485 | 10.6 | 10.3 | 3.1835 | 2.7764 | -0.0042 | 5.9557 | -0.0489 | -0.0605 | -0.0068 | -0.1163 |
| 1486 | 10.7 | 10.3 | 3.1834 | 2.777  | -0.0045 | 5.956  | -0.0487 | -0.049  | -0.0052 | -0.1029 |
| 1487 | 10.2 | 10.3 | 3.1834 | 2.7772 | -0.0048 | 5.9558 | -0.042  | -0.0428 | -0.0113 | -0.0961 |
| 1488 | 9.72 | 10.4 | 3.1837 | 2.7769 | -0.0046 | 5.956  | -0.0381 | -0.0386 | -0.0171 | -0.0938 |
| 1489 | 10.6 | 10.4 | 3.1842 | 2.7769 | -0.0045 | 5.9565 | -0.0348 | -0.0363 | -0.0141 | -0.0852 |
| 1490 | 10.4 | 10.4 | 3.1847 | 2.7772 | -0.0045 | 5.9574 | -0.0324 | -0.0324 | -0.0129 | -0.0777 |
| 1491 | 9.85 | 10.5 | 3.1844 | 2.7769 | -0.0042 | 5.9571 | -0.0297 | -0.0301 | -0.0118 | -0.0715 |
| 1492 | 10.3 | 10.5 | 3.1842 | 2.7767 | -0.0042 | 5.9567 | -0.0277 | -0.0241 | -0.0118 | -0.0635 |
| 1493 | 10.4 | 10.6 | 3.184  | 2.7762 | -0.0042 | 5.9559 | -0.0303 | -0.0226 | -0.0172 | -0.0701 |
| 1494 | 10.2 | 10.6 | 3.1839 | 2.7759 | -0.0042 | 5.9555 | -0.0316 | -0.0233 | -0.0195 | -0.0744 |
| 1495 | 10.2 | 10.6 | 3.1838 | 2.7757 | -0.0042 | 5.9553 | -0.0297 | -0.0271 | -0.0167 | -0.0735 |
| 1496 | 10.7 | 10.6 | 3.1834 | 2.7758 | -0.0043 | 5.9549 | -0.0254 | -0.0298 | -0.0142 | -0.0693 |
| 1497 | 10.6 | 10.6 | 3.183  | 2.7758 | -0.0044 | 5.9544 | -0.0214 | -0.0295 | -0.0109 | -0.0619 |
| 1498 | 10.4 | 10.6 | 3.1829 | 2.7755 | -0.0045 | 5.9539 | -0.0176 | -0.0201 | -0.01   | -0.0477 |
| 1499 | 11.2 | 10.6 | 3.1828 | 2.7757 | -0.0045 | 5.954  | -0.0177 | -0.016  | -0.0053 | -0.039  |
| 1500 | 10.8 | 10.6 | 3.1827 | 2.7762 | -0.0044 | 5.9545 | -0.0137 | -0.0079 | -0.0029 | -0.0245 |
| 1501 | 11.6 | 10.7 | 3.1826 | 2.7768 | -0.0043 | 5.9551 | -0.0162 | -0.0086 | -0.0006 | -0.0253 |
| 1502 | 11.4 | 10.7 | 3.1824 | 2.7765 | -0.0043 | 5.9546 | -0.0151 | -0.0109 | 0.0027  | -0.0233 |
| 1503 | 11   | 10.7 | 3.1819 | 2.7765 | -0.0045 | 5.9539 | -0.0147 | -0.0117 | 0.0024  | -0.024  |
| 1504 | 10.7 | 10.8 | 3.1822 | 2.7763 | -0.0046 | 5.9538 | -0.0142 | -0.0091 | -0.0016 | -0.0249 |
| 1505 | 10.6 | 10.8 | 3.182  | 2.7762 | -0.0046 | 5.9536 | -0.0081 | -0.0026 | -0.0061 | -0.0168 |
| 1506 | 10.7 | 10.8 | 3.182  | 2.7761 | -0.0045 | 5.9536 | 0.0026  | 0       | -0.0077 | -0.0051 |
| 1507 | 10.5 | 10.8 | 3.1822 | 2.7758 | -0.0047 | 5.9533 | 0.0087  | -0.0043 | -0.0077 | -0.0033 |
| 1508 | 10.3 | 10.8 | 3.1823 | 2.7752 | -0.0047 | 5.9528 | 0.0082  | 0.0001  | -0.0084 | -0.0001 |

|      |      |      |        |        |         |        |         |         |         |         |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 1509 | 10.7 | 10.8 | 3.1826 | 2.775  | -0.0048 | 5.9529 | 0.0076  | 0.0083  | -0.0102 | 0.0057  |
| 1510 | 11.2 | 10.8 | 3.1827 | 2.7749 | -0.0046 | 5.9529 | 0.0122  | 0.0089  | -0.0084 | 0.0127  |
| 1511 | 10.8 | 10.7 | 3.1824 | 2.7746 | -0.0045 | 5.9525 | 0.0169  | 0.0126  | -0.0071 | 0.0225  |
| 1512 | 10.9 | 10.7 | 3.1821 | 2.7747 | -0.0043 | 5.9525 | 0.0277  | 0.0183  | -0.0074 | 0.0386  |
| 1513 | 10.4 | 10.7 | 3.1822 | 2.7744 | -0.0044 | 5.9522 | 0.0331  | 0.0123  | -0.0044 | 0.041   |
| 1514 | 11   | 10.7 | 3.1822 | 2.774  | -0.0042 | 5.952  | 0.0288  | 0.0142  | -0.0035 | 0.0394  |
| 1515 | 10.5 | 10.8 | 3.1818 | 2.7738 | -0.0042 | 5.9514 | 0.0245  | 0.0126  | -0.0004 | 0.0366  |
| 1516 | 10.4 | 10.8 | 3.1815 | 2.7739 | -0.0044 | 5.951  | 0.0206  | 0.0123  | 0.001   | 0.0339  |
| 1517 | 10.4 | 10.9 | 3.1818 | 2.774  | -0.0043 | 5.9516 | 0.0148  | 0.0092  | 0.0022  | 0.0262  |
| 1518 | 10.7 | 10.9 | 3.1813 | 2.7739 | -0.0042 | 5.951  | 0.0101  | 0.0028  | 0.0058  | 0.0187  |
| 1519 | 10.8 | 10.9 | 3.1807 | 2.7739 | -0.0042 | 5.9505 | 0.0008  | 0.0032  | 0.0052  | 0.0092  |
| 1520 | 10.8 | 10.9 | 3.1806 | 2.7742 | -0.0042 | 5.9506 | -0.0093 | 0.0058  | 0.0028  | -0.0008 |
| 1521 | 10.8 | 10.9 | 3.1807 | 2.7742 | -0.0043 | 5.9506 | -0.0124 | 0.0121  | -0.0001 | -0.0004 |
| 1522 | 11.1 | 10.9 | 3.1805 | 2.7743 | -0.0043 | 5.9505 | -0.0126 | 0.0183  | -0.0029 | 0.0028  |
| 1523 | 11.4 | 10.9 | 3.1803 | 2.7743 | -0.0041 | 5.9505 | -0.0091 | 0.0182  | -0.0037 | 0.0054  |
| 1524 | 11.7 | 10.9 | 3.1804 | 2.7746 | -0.0042 | 5.9508 | -0.0003 | 0.0217  | -0.004  | 0.0174  |
| 1525 | 11   | 10.9 | 3.18   | 2.7751 | -0.0045 | 5.9507 | 0.0076  | 0.0186  | -0.002  | 0.0242  |
| 1526 | 11.2 | 10.9 | 3.18   | 2.7747 | -0.0046 | 5.9501 | 0.0108  | 0.0107  | -0.0022 | 0.0193  |
| 1527 | 10.8 | 11   | 3.1803 | 2.7752 | -0.0045 | 5.951  | 0.0167  | 0.0052  | -0.0018 | 0.0201  |
| 1528 | 11.1 | 11   | 3.1804 | 2.7753 | -0.0044 | 5.9513 | 0.0283  | 0.0038  | 0.0019  | 0.034   |
| 1529 | 10.9 | 11   | 3.1802 | 2.7756 | -0.0042 | 5.9516 | 0.0312  | -0.0034 | -0.0022 | 0.0256  |
| 1530 | 10.7 | 11   | 3.1799 | 2.7759 | -0.0043 | 5.9515 | 0.0317  | -0.0068 | -0.0034 | 0.0215  |
| 1531 | 10.8 | 11   | 3.1792 | 2.7759 | -0.0045 | 5.9507 | 0.0291  | -0.01   | -0.0038 | 0.0153  |
| 1532 | 10.9 | 11   | 3.179  | 2.7758 | -0.0047 | 5.9501 | 0.0247  | -0.0144 | -0.0032 | 0.0071  |
| 1533 | 10.6 | 11   | 3.1795 | 2.7757 | -0.005  | 5.9503 | 0.0225  | -0.0153 | -0.0034 | 0.0038  |
| 1534 | 10.8 | 10.9 | 3.1794 | 2.7755 | -0.0052 | 5.9497 | 0.027   | -0.0123 | -0.001  | 0.0137  |
| 1535 | 10.9 | 10.9 | 3.1788 | 2.7749 | -0.0053 | 5.9484 | 0.0252  | -0.0111 | 0       | 0.0141  |
| 1536 | 11.2 | 10.9 | 3.1782 | 2.7744 | -0.0052 | 5.9474 | 0.0237  | -0.0069 | 0.0006  | 0.0174  |
| 1537 | 11.3 | 10.9 | 3.1779 | 2.774  | -0.0051 | 5.9468 | 0.0227  | 0.0001  | -0.0018 | 0.021   |
| 1538 | 11.1 | 10.9 | 3.1776 | 2.7733 | -0.0049 | 5.946  | 0.0224  | 0.0054  | -0.0053 | 0.0225  |
| 1539 | 10.7 | 10.9 | 3.1773 | 2.7727 | -0.0045 | 5.9455 | 0.023   | 0.0043  | -0.0037 | 0.0236  |
| 1540 | 10.5 | 10.8 | 3.1772 | 2.773  | -0.0046 | 5.9456 | 0.0282  | 0.0059  | -0.0039 | 0.0302  |
| 1541 | 11.2 | 10.8 | 3.1768 | 2.7731 | -0.0049 | 5.945  | 0.0336  | 0.0033  | -0.0051 | 0.0319  |
| 1542 | 10.8 | 10.7 | 3.1767 | 2.773  | -0.0049 | 5.9447 | 0.0342  | -0.0019 | -0.0011 | 0.0312  |
| 1543 | 10.8 | 10.7 | 3.1766 | 2.7727 | -0.0052 | 5.9441 | 0.0339  | -0.0044 | 0       | 0.0295  |
| 1544 | 10.6 | 10.6 | 3.1766 | 2.7729 | -0.0054 | 5.9442 | 0.0299  | -0.0052 | -0.0005 | 0.0242  |
| 1545 | 10.9 | 10.6 | 3.1766 | 2.7731 | -0.0053 | 5.9444 | 0.033   | -0.004  | -0.0017 | 0.0273  |

|      |      |      |        |        |         |        |         |         |         |         |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 1546 | 11   | 10.5 | 3.1762 | 2.7733 | -0.0053 | 5.9443 | 0.0311  | -0.0015 | -0.002  | 0.0277  |
| 1547 | 11   | 10.5 | 3.1759 | 2.7731 | -0.0055 | 5.9435 | 0.025   | -0.0014 | -0.0018 | 0.0218  |
| 1548 | 10.5 | 10.4 | 3.176  | 2.7729 | -0.0057 | 5.9432 | 0.0233  | 0       | -0.0011 | 0.0222  |
| 1549 | 10.4 | 10.4 | 3.1763 | 2.773  | -0.0057 | 5.9435 | 0.0246  | 0.0013  | -0.0024 | 0.0235  |
| 1550 | 9.86 | 10.4 | 3.1762 | 2.7728 | -0.0057 | 5.9433 | 0.0226  | 0.0057  | -0.003  | 0.0252  |
| 1551 | 9.91 | 10.4 | 3.1761 | 2.773  | -0.0058 | 5.9433 | 0.021   | 0.0121  | -0.0018 | 0.0312  |
| 1552 | 9.94 | 10.3 | 3.1761 | 2.7734 | -0.0059 | 5.9436 | 0.0247  | 0.0188  | -0.0014 | 0.0422  |
| 1553 | 9.74 | 10.3 | 3.1762 | 2.7732 | -0.0058 | 5.9436 | 0.0288  | 0.0177  | -0.0023 | 0.0442  |
| 1554 | 9.86 | 10.3 | 3.176  | 2.7728 | -0.0057 | 5.9431 | 0.0306  | 0.02    | -0.0034 | 0.0473  |
| 1555 | 9.9  | 10.2 | 3.1757 | 2.7728 | -0.0056 | 5.9429 | 0.0373  | 0.016   | -0.0034 | 0.0499  |
| 1556 | 10.2 | 10.2 | 3.1759 | 2.7732 | -0.0055 | 5.9435 | 0.0448  | 0.0074  | -0.0019 | 0.0503  |
| 1557 | 10.1 | 10.2 | 3.176  | 2.7732 | -0.0056 | 5.9436 | 0.052   | 0.001   | -0.0024 | 0.0506  |
| 1558 | 10.2 | 10.1 | 3.1762 | 2.773  | -0.0056 | 5.9437 | 0.0553  | -0.0072 | -0.0028 | 0.0454  |
| 1559 | 10.6 | 10.1 | 3.1765 | 2.7734 | -0.0055 | 5.9443 | 0.0558  | -0.0183 | -0.0004 | 0.0372  |
| 1560 | 10.4 | 10.2 | 3.1765 | 2.7733 | -0.0055 | 5.9443 | 0.0632  | -0.0162 | 0.0025  | 0.0496  |
| 1561 | 10.2 | 10.2 | 3.1763 | 2.7735 | -0.0054 | 5.9444 | 0.0686  | -0.0166 | 0.0048  | 0.0568  |
| 1562 | 10.4 | 10.2 | 3.1763 | 2.7743 | -0.0055 | 5.9451 | 0.0681  | -0.0186 | 0.0061  | 0.0556  |
| 1563 | 9.97 | 10.2 | 3.1768 | 2.7744 | -0.0054 | 5.9458 | 0.0695  | -0.0139 | 0.006   | 0.0616  |
| 1564 | 10.2 | 10.2 | 3.1772 | 2.7749 | -0.0056 | 5.9465 | 0.0725  | -0.0083 | 0.0035  | 0.0677  |
| 1565 | 10.3 | 10.3 | 3.1776 | 2.7753 | -0.0058 | 5.9471 | 0.0697  | -0.0084 | 0.0038  | 0.0652  |
| 1566 | 10.3 | 10.3 | 3.1781 | 2.7755 | -0.0058 | 5.9478 | 0.0513  | -0.0076 | 0       | 0.0437  |
| 1567 | 10.2 | 10.2 | 3.1785 | 2.7758 | -0.0059 | 5.9484 | 0.0224  | -0.0015 | -0.0028 | 0.0182  |
| 1568 | 10.4 | 10.2 | 3.1792 | 2.7756 | -0.0058 | 5.949  | 0.0058  | 0.0014  | -0.0017 | 0.0055  |
| 1569 | 10.8 | 10.2 | 3.1797 | 2.775  | -0.0056 | 5.9491 | -0.0093 | 0.0054  | -0.0028 | -0.0067 |
| 1570 | 10.2 | 10.2 | 3.1798 | 2.7743 | -0.0054 | 5.9487 | -0.0179 | 0.0036  | -0.004  | -0.0183 |
| 1571 | 10.2 | 10.2 | 3.1802 | 2.7737 | -0.0051 | 5.9488 | -0.0223 | 0.0043  | -0.007  | -0.0249 |
| 1572 | 10.3 | 10.2 | 3.1805 | 2.7737 | -0.0049 | 5.9492 | -0.0288 | -0.0012 | -0.0069 | -0.0369 |
| 1573 | 10   | 10.2 | 3.1802 | 2.7734 | -0.0049 | 5.9487 | -0.0351 | -0.0047 | -0.0034 | -0.0432 |
| 1574 | 9.98 | 10.2 | 3.1799 | 2.7738 | -0.0049 | 5.9489 | -0.039  | -0.0015 | -0.0018 | -0.0422 |
| 1575 | 10.3 | 10.2 | 3.1798 | 2.7749 | -0.0047 | 5.9501 | -0.0288 | 0.0029  | -0.0035 | -0.0294 |
| 1576 | 9.8  | 10.2 | 3.1795 | 2.7753 | -0.0047 | 5.9501 | -0.0194 | 0.0074  | -0.0057 | -0.0178 |
| 1577 | 10.1 | 10.2 | 3.1792 | 2.7755 | -0.0048 | 5.9499 | -0.0079 | -0.001  | -0.0065 | -0.0154 |
| 1578 | 9.81 | 10.2 | 3.1793 | 2.7765 | -0.0044 | 5.9514 | 0.0045  | 0.0024  | -0.0049 | 0.002   |
| 1579 | 10.2 | 10.2 | 3.1799 | 2.7767 | -0.0044 | 5.9522 | 0.0109  | 0.0058  | -0.0037 | 0.013   |
| 1580 | 10.5 | 10.2 | 3.1809 | 2.7767 | -0.0043 | 5.9533 | 0.0134  | 0.0122  | -0.002  | 0.0236  |
| 1581 | 10.3 | 10.2 | 3.1815 | 2.7771 | -0.0042 | 5.9544 | 0.0131  | 0.0075  | -0.0034 | 0.0172  |
| 1582 | 9.88 | 10.2 | 3.1816 | 2.7772 | -0.0041 | 5.9548 | 0.0118  | 0.0054  | -0.0066 | 0.0106  |

|      |      |      |        |        |         |        |         |         |         |         |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 1583 | 10.1 | 10.2 | 3.1812 | 2.7772 | -0.0041 | 5.9543 | 0.0126  | -0.0007 | -0.0117 | 0.0002  |
| 1584 | 10.2 | 10.2 | 3.1812 | 2.7773 | -0.0041 | 5.9543 | 0.0225  | -0.0005 | -0.0146 | 0.0074  |
| 1585 | 10.1 | 10.3 | 3.1811 | 2.7771 | -0.0042 | 5.954  | 0.0231  | -0.0076 | -0.0142 | 0.0012  |
| 1586 | 10.1 | 10.3 | 3.1811 | 2.777  | -0.0043 | 5.9539 | 0.0204  | -0.0101 | -0.0153 | -0.0049 |
| 1587 | 10.5 | 10.3 | 3.1812 | 2.7767 | -0.0043 | 5.9536 | 0.0193  | -0.0169 | -0.0166 | -0.0143 |
| 1588 | 10.5 | 10.4 | 3.1814 | 2.7765 | -0.0042 | 5.9537 | 0.0179  | -0.0238 | -0.0169 | -0.0228 |
| 1589 | 10.3 | 10.4 | 3.1813 | 2.7763 | -0.0041 | 5.9535 | 0.0166  | -0.0301 | -0.0135 | -0.027  |
| 1590 | 10.3 | 10.4 | 3.1813 | 2.7769 | -0.004  | 5.9542 | 0.0128  | -0.0378 | -0.0072 | -0.0322 |
| 1591 | 10.6 | 10.4 | 3.181  | 2.7771 | -0.0041 | 5.954  | 0.0107  | -0.0354 | -0.0062 | -0.0309 |
| 1592 | 10.5 | 10.5 | 3.1808 | 2.7771 | -0.0042 | 5.9537 | 0.0102  | -0.0346 | -0.0074 | -0.0318 |
| 1593 | 10.1 | 10.5 | 3.181  | 2.7767 | -0.0042 | 5.9534 | 0.0095  | -0.0353 | -0.0075 | -0.0332 |
| 1594 | 10.8 | 10.6 | 3.1806 | 2.7763 | -0.0041 | 5.9528 | 0.0101  | -0.0315 | -0.0099 | -0.0313 |
| 1595 | 10.3 | 10.6 | 3.1807 | 2.7758 | -0.004  | 5.9525 | 0.0122  | -0.0284 | -0.0116 | -0.0279 |
| 1596 | 10.6 | 10.6 | 3.1809 | 2.776  | -0.0041 | 5.9528 | 0.0125  | -0.0261 | -0.0131 | -0.0268 |
| 1597 | 10.9 | 10.7 | 3.1807 | 2.7758 | -0.0043 | 5.9521 | 0.0048  | -0.0211 | -0.0135 | -0.0299 |
| 1598 | 10.7 | 10.7 | 3.1804 | 2.7753 | -0.0042 | 5.9515 | -0.0034 | -0.0206 | -0.0138 | -0.0378 |
| 1599 | 10.5 | 10.7 | 3.1806 | 2.7751 | -0.0042 | 5.9515 | 0.0029  | -0.0228 | -0.0138 | -0.0336 |
| 1600 | 11.2 | 10.7 | 3.1806 | 2.775  | -0.0042 | 5.9514 | 0.0092  | -0.0189 | -0.0153 | -0.0251 |
| 1601 | 11   | 10.7 | 3.1801 | 2.7749 | -0.0042 | 5.9509 | 0.0119  | -0.0182 | -0.017  | -0.0233 |
| 1602 | 10.9 | 10.7 | 3.1795 | 2.7747 | -0.0041 | 5.9502 | 0.0092  | -0.0152 | -0.0182 | -0.0242 |
| 1603 | 10.7 | 10.8 | 3.1788 | 2.7745 | -0.0042 | 5.9492 | 0.007   | -0.0121 | -0.0196 | -0.0248 |
| 1604 | 10.7 | 10.8 | 3.1784 | 2.7747 | -0.0043 | 5.9488 | 0.0079  | -0.0163 | -0.0175 | -0.0259 |
| 1605 | 11.1 | 10.8 | 3.1775 | 2.7755 | -0.0044 | 5.9486 | 0.0028  | -0.0207 | -0.0138 | -0.0316 |
| 1606 | 10.7 | 10.8 | 3.1768 | 2.776  | -0.0043 | 5.9485 | -0.0137 | -0.0199 | -0.0108 | -0.0444 |
| 1607 | 10.8 | 10.8 | 3.1766 | 2.7766 | -0.0044 | 5.9488 | -0.0267 | -0.0111 | -0.009  | -0.0468 |
| 1608 | 10.6 | 10.8 | 3.1767 | 2.777  | -0.0047 | 5.9491 | -0.0264 | -0.0089 | -0.0083 | -0.0436 |
| 1609 | 10.9 | 10.8 | 3.1763 | 2.7767 | -0.005  | 5.9479 | -0.0233 | -0.0074 | -0.0051 | -0.0358 |
| 1610 | 10.9 | 10.8 | 3.1758 | 2.7765 | -0.0051 | 5.9472 | -0.0169 | -0.0008 | -0.004  | -0.0216 |
| 1611 | 10.6 | 10.8 | 3.1756 | 2.7765 | -0.0051 | 5.9469 | -0.0105 | -0.0056 | -0.005  | -0.0211 |
| 1612 | 10.9 | 10.7 | 3.1752 | 2.7761 | -0.0049 | 5.9463 | -0.0016 | -0.0032 | -0.0037 | -0.0085 |
| 1613 | 10.6 | 10.7 | 3.1749 | 2.7752 | -0.0047 | 5.9454 | 0.0037  | 0.0052  | -0.0074 | 0.0015  |
| 1614 | 10.6 | 10.7 | 3.1752 | 2.7748 | -0.0046 | 5.9454 | 0.0047  | 0.0086  | -0.0063 | 0.007   |
| 1615 | 10.8 | 10.7 | 3.1767 | 2.7746 | -0.0042 | 5.947  | 0.0033  | 0.0101  | -0.0094 | 0.004   |
| 1616 | 10.9 | 10.6 | 3.1793 | 2.774  | -0.0041 | 5.9492 | 0.009   | 0.0117  | -0.012  | 0.0087  |
| 1617 | 10.7 | 10.6 | 3.1812 | 2.7739 | -0.0041 | 5.951  | 0.0164  | 0.0078  | -0.0092 | 0.015   |
| 1618 | 11.1 | 10.5 | 3.1822 | 2.7734 | -0.0039 | 5.9517 | 0.0255  | 0.0079  | -0.0094 | 0.024   |
| 1619 | 10.6 | 10.4 | 3.1825 | 2.7736 | -0.0038 | 5.9523 | 0.0404  | 0.0095  | -0.0088 | 0.0412  |

|      |      |      |        |        |         |        |        |         |         |        |
|------|------|------|--------|--------|---------|--------|--------|---------|---------|--------|
| 1620 | 10.5 | 10.3 | 3.1828 | 2.7737 | -0.0035 | 5.9531 | 0.0529 | 0.0071  | -0.0093 | 0.0507 |
| 1621 | 10.5 | 10.3 | 3.1835 | 2.7744 | -0.0036 | 5.9543 | 0.0597 | -0.0008 | -0.01   | 0.0488 |
| 1622 | 10.7 | 10.2 | 3.184  | 2.7747 | -0.0039 | 5.9548 | 0.071  | -0.0081 | -0.0073 | 0.0555 |
| 1623 | 10.7 | 10.2 | 3.1842 | 2.7744 | -0.0039 | 5.9547 | 0.0802 | -0.0091 | -0.0046 | 0.0665 |
| 1624 | 10   | 10.2 | 3.1833 | 2.7743 | -0.0038 | 5.9537 | 0.0762 | -0.0172 | -0.0031 | 0.0558 |
| 1625 | 9.68 | 10.2 | 3.182  | 2.7744 | -0.0039 | 5.9525 | 0.0733 | -0.0126 | -0.002  | 0.0587 |
| 1626 | 9.38 | 10.2 | 3.1808 | 2.7748 | -0.004  | 5.9516 | 0.0721 | 0.0013  | 0.0012  | 0.0747 |
| 1627 | 9.43 | 10.2 | 3.1799 | 2.775  | -0.004  | 5.9508 | 0.067  | 0.0075  | 0.0011  | 0.0755 |
| 1628 | 9.55 | 10.2 | 3.1793 | 2.7747 | -0.004  | 5.95   | 0.0679 | 0.0148  | -0.0004 | 0.0824 |
| 1629 | 9.26 | 10.2 | 3.1788 | 2.7744 | -0.004  | 5.9492 | 0.0652 | 0.0247  | 0.0064  | 0.0963 |
| 1630 | 9.45 | 10.2 | 3.1785 | 2.7751 | -0.0039 | 5.9497 | 0.0649 | 0.0286  | 0.0081  | 0.1015 |
| 1631 | 10.1 | 10.3 | 3.1781 | 2.7754 | -0.0038 | 5.9496 | 0.0737 | 0.0332  | 0.0107  | 0.1175 |
| 1632 | 10.5 | 10.3 | 3.1777 | 2.7759 | -0.0035 | 5.9501 | 0.0812 | 0.0402  | 0.0133  | 0.1347 |
| 1633 | 10.7 | 10.3 | 3.1772 | 2.7758 | -0.0035 | 5.9495 | 0.0855 | 0.0419  | 0.0119  | 0.1394 |
| 1634 | 10.2 | 10.3 | 3.1771 | 2.7763 | -0.0038 | 5.9496 | 0.082  | 0.0379  | 0.0116  | 0.1315 |
| 1635 | 10.4 | 10.4 | 3.1767 | 2.7759 | -0.0038 | 5.9489 | 0.0823 | 0.0424  | 0.0106  | 0.1353 |
| 1636 | 11.1 | 10.4 | 3.1763 | 2.7761 | -0.0036 | 5.9488 | 0.0832 | 0.0441  | 0.0063  | 0.1336 |
| 1637 | 11.1 | 10.5 | 3.1761 | 2.7763 | -0.0034 | 5.9491 | 0.0843 | 0.0433  | 0.0035  | 0.131  |
| 1638 | 11   | 10.5 | 3.176  | 2.7763 | -0.0036 | 5.9487 | 0.0846 | 0.0378  | 0.0025  | 0.1249 |
| 1639 | 10.9 | 10.6 | 3.176  | 2.7765 | -0.0038 | 5.9487 | 0.0842 | 0.0417  | 0.0007  | 0.1265 |
| 1640 | 11   | 10.6 | 3.1761 | 2.7765 | -0.004  | 5.9486 | 0.0802 | 0.0395  | 0.0039  | 0.1236 |
| 1641 | 10.8 | 10.6 | 3.1758 | 2.7766 | -0.0042 | 5.9482 | 0.0743 | 0.0431  | 0.0066  | 0.124  |
| 1642 | 10.6 | 10.7 | 3.1757 | 2.7765 | -0.0042 | 5.9481 | 0.0656 | 0.0467  | 0.0039  | 0.1162 |
| 1643 | 10.7 | 10.6 | 3.1756 | 2.7759 | -0.0042 | 5.9473 | 0.0607 | 0.0455  | 0.0026  | 0.1088 |
| 1644 | 10.6 | 10.7 | 3.1754 | 2.7758 | -0.0042 | 5.947  | 0.062  | 0.0408  | 0.0048  | 0.1076 |
| 1645 | 10.8 | 10.7 | 3.1753 | 2.7757 | -0.0039 | 5.9471 | 0.0582 | 0.0381  | 0.0072  | 0.1035 |
| 1646 | 10.3 | 10.7 | 3.1758 | 2.7754 | -0.0039 | 5.9473 | 0.0577 | 0.031   | 0.009   | 0.0976 |
| 1647 | 10.4 | 10.7 | 3.1762 | 2.7752 | -0.0041 | 5.9473 | 0.062  | 0.0313  | 0.0085  | 0.1018 |
| 1648 | 9.85 | 10.7 | 3.1757 | 2.7752 | -0.0043 | 5.9466 | 0.0596 | 0.0308  | 0.007   | 0.0974 |
| 1649 | 10.4 | 10.6 | 3.1753 | 2.7749 | -0.0042 | 5.946  | 0.0586 | 0.0265  | 0.009   | 0.0941 |
| 1650 | 10.8 | 10.6 | 3.175  | 2.7747 | -0.004  | 5.9457 | 0.0597 | 0.0216  | 0.0124  | 0.0938 |
| 1651 | 10.7 | 10.6 | 3.1752 | 2.7745 | -0.004  | 5.9457 | 0.0634 | 0.0173  | 0.0145  | 0.0952 |
| 1652 | 10.6 | 10.7 | 3.1754 | 2.7746 | -0.0039 | 5.9461 | 0.0565 | 0.0151  | 0.0144  | 0.086  |
| 1653 | 10.6 | 10.7 | 3.1754 | 2.7748 | -0.004  | 5.9462 | 0.0492 | 0.0075  | 0.017   | 0.0737 |
| 1654 | 10.9 | 10.7 | 3.1758 | 2.7749 | -0.0043 | 5.9463 | 0.0409 | 0.0065  | 0.0172  | 0.0645 |
| 1655 | 10.8 | 10.7 | 3.1771 | 2.7748 | -0.0045 | 5.9474 | 0.0313 | 0.01    | 0.016   | 0.0574 |
| 1656 | 11   | 10.8 | 3.1785 | 2.7743 | -0.0046 | 5.9482 | 0.016  | 0.02    | 0.0138  | 0.0499 |

|      |      |      |        |        |         |        |         |         |        |         |
|------|------|------|--------|--------|---------|--------|---------|---------|--------|---------|
| 1657 | 11   | 10.8 | 3.1787 | 2.7741 | -0.0048 | 5.948  | 0.0067  | 0.0265  | 0.0131 | 0.0463  |
| 1658 | 10   | 10.8 | 3.1785 | 2.7738 | -0.005  | 5.9473 | 0.0049  | 0.0313  | 0.0094 | 0.0457  |
| 1659 | 10.6 | 10.8 | 3.1781 | 2.7734 | -0.0051 | 5.9465 | 0.0065  | 0.0365  | 0.0059 | 0.0489  |
| 1660 | 11.3 | 10.8 | 3.1775 | 2.7739 | -0.005  | 5.9464 | 0.0014  | 0.0305  | 0.0013 | 0.0332  |
| 1661 | 11.2 | 10.8 | 3.1765 | 2.7738 | -0.005  | 5.9453 | -0.0026 | 0.0247  | 0.0003 | 0.0224  |
| 1662 | 11.5 | 10.8 | 3.1759 | 2.7738 | -0.0047 | 5.945  | -0.0068 | 0.0226  | 0.0021 | 0.0178  |
| 1663 | 11.1 | 10.9 | 3.1763 | 2.7736 | -0.0048 | 5.9451 | -0.0128 | 0.0188  | 0.0049 | 0.0109  |
| 1664 | 11   | 10.9 | 3.1768 | 2.7739 | -0.0046 | 5.9461 | -0.0196 | 0.0095  | 0.0041 | -0.0061 |
| 1665 | 10.9 | 10.9 | 3.1767 | 2.7741 | -0.0046 | 5.9462 | -0.0225 | -0.0038 | 0.0025 | -0.0238 |
| 1666 | 10.6 | 10.9 | 3.1765 | 2.7747 | -0.0049 | 5.9463 | -0.0053 | -0.015  | 0.0048 | -0.0156 |
| 1667 | 10.3 | 10.9 | 3.1759 | 2.775  | -0.0049 | 5.946  | 0.0193  | -0.02   | 0.007  | 0.0063  |
| 1668 | 10.4 | 10.9 | 3.1751 | 2.7746 | -0.0049 | 5.9449 | 0.0282  | -0.0251 | 0.0058 | 0.0088  |
| 1669 | 10.4 | 10.9 | 3.1744 | 2.7743 | -0.0047 | 5.944  | 0.0362  | -0.0317 | 0.006  | 0.0105  |
| 1670 | 10.9 | 10.9 | 3.1739 | 2.7743 | -0.0044 | 5.9438 | 0.0349  | -0.0308 | 0.008  | 0.0121  |
| 1671 | 11.2 | 10.9 | 3.1731 | 2.7746 | -0.0044 | 5.9433 | 0.036   | -0.0301 | 0.011  | 0.0169  |
| 1672 | 11.5 | 10.9 | 3.1725 | 2.7746 | -0.0045 | 5.9426 | 0.0401  | -0.0264 | 0.0097 | 0.0233  |
| 1673 | 10.6 | 10.8 | 3.1726 | 2.7751 | -0.0046 | 5.9431 | 0.0446  | -0.0202 | 0.0068 | 0.0312  |
| 1674 | 11.5 | 10.8 | 3.1726 | 2.7751 | -0.0047 | 5.943  | 0.0442  | -0.02   | 0.0065 | 0.0307  |
| 1675 | 10.6 | 10.8 | 3.1726 | 2.7748 | -0.0048 | 5.9426 | 0.0365  | -0.0182 | 0.0077 | 0.026   |
| 1676 | 11.1 | 10.8 | 3.1728 | 2.7745 | -0.0048 | 5.9426 | 0.0226  | -0.0149 | 0.0063 | 0.014   |
| 1677 | 10.8 | 10.8 | 3.1724 | 2.774  | -0.0048 | 5.9417 | 0.0091  | -0.0126 | 0.0039 | 0.0005  |
| 1678 | 10.6 | 10.8 | 3.1728 | 2.774  | -0.005  | 5.9417 | 0.003   | -0.0114 | 0.0039 | -0.0045 |
| 1679 | 10.8 | 10.9 | 3.1734 | 2.7738 | -0.0052 | 5.942  | -0.0003 | -0.0161 | 0.0021 | -0.0143 |
| 1680 | 11.1 | 10.9 | 3.1735 | 2.7734 | -0.0054 | 5.9416 | -0.0048 | -0.0147 | 0      | -0.0195 |
| 1681 | 10.9 | 10.8 | 3.1734 | 2.7731 | -0.0055 | 5.941  | -0.0058 | -0.008  | 0.0021 | -0.0117 |
| 1682 | 10.8 | 10.8 | 3.1731 | 2.7731 | -0.0053 | 5.9409 | -0.0128 | -0.0061 | 0.0062 | -0.0128 |
| 1683 | 10.7 | 10.8 | 3.173  | 2.7734 | -0.0053 | 5.9411 | -0.019  | -0.0018 | 0.0113 | -0.0095 |
| 1684 | 10.7 | 10.8 | 3.1729 | 2.773  | -0.0052 | 5.9408 | -0.0231 | -0.0034 | 0.013  | -0.0135 |
| 1685 | 10.7 | 10.8 | 3.1728 | 2.7726 | -0.0049 | 5.9406 | -0.0183 | 0.0024  | 0.0104 | -0.0055 |
| 1686 | 10.7 | 10.8 | 3.1727 | 2.7727 | -0.0046 | 5.9408 | -0.0169 | -0.0019 | 0.0108 | -0.0079 |
| 1687 | 10.5 | 10.7 | 3.1727 | 2.7729 | -0.0045 | 5.9411 | -0.0172 | 0.0019  | 0.0139 | -0.0014 |
| 1688 | 10.9 | 10.7 | 3.173  | 2.7723 | -0.0043 | 5.941  | -0.0166 | 0.007   | 0.0173 | 0.0078  |
| 1689 | 10.6 | 10.6 | 3.1733 | 2.7723 | -0.0045 | 5.9411 | -0.0197 | 0.0107  | 0.0169 | 0.0079  |
| 1690 | 10.2 | 10.6 | 3.1739 | 2.7726 | -0.0047 | 5.9418 | -0.0204 | 0.0214  | 0.0144 | 0.0154  |
| 1691 | 10.4 | 10.6 | 3.1745 | 2.7724 | -0.0045 | 5.9424 | -0.0208 | 0.0261  | 0.0112 | 0.0164  |
| 1692 | 11   | 10.5 | 3.1747 | 2.7726 | -0.0045 | 5.9428 | -0.027  | 0.0319  | 0.0085 | 0.0134  |
| 1693 | 11.2 | 10.5 | 3.1748 | 2.7726 | -0.0047 | 5.9427 | -0.0258 | 0.0304  | 0.006  | 0.0107  |

|      |      |      |        |        |         |        |         |         |         |         |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 1694 | 10.9 | 10.4 | 3.1748 | 2.7725 | -0.0048 | 5.9425 | -0.0252 | 0.0298  | 0.0039  | 0.0084  |
| 1695 | 10.5 | 10.4 | 3.1749 | 2.7727 | -0.0049 | 5.9427 | -0.0299 | 0.0281  | 0.0011  | -0.0007 |
| 1696 | 10.1 | 10.3 | 3.1747 | 2.7728 | -0.0049 | 5.9426 | -0.0319 | 0.0236  | 0.0044  | -0.0039 |
| 1697 | 9.69 | 10.3 | 3.1747 | 2.7727 | -0.005  | 5.9424 | -0.026  | 0.0174  | 0.0048  | -0.0038 |
| 1698 | 10.3 | 10.3 | 3.1746 | 2.7727 | -0.0051 | 5.9421 | -0.0173 | 0.0102  | 0.0053  | -0.0018 |
| 1699 | 10.2 | 10.3 | 3.1746 | 2.7729 | -0.0054 | 5.9421 | -0.0217 | 0.0035  | 0.0054  | -0.0128 |
| 1700 | 10.2 | 10.3 | 3.1743 | 2.7733 | -0.0057 | 5.9418 | -0.0267 | -0.0033 | 0.0093  | -0.0207 |
| 1701 | 10.1 | 10.2 | 3.1745 | 2.7734 | -0.0056 | 5.9423 | -0.0308 | -0.0098 | 0.012   | -0.0285 |
| 1702 | 9.82 | 10.2 | 3.1746 | 2.774  | -0.0058 | 5.9428 | -0.0298 | -0.0117 | 0.013   | -0.0285 |
| 1703 | 9.89 | 10.1 | 3.1747 | 2.7739 | -0.0059 | 5.9427 | -0.0295 | -0.0047 | 0.0136  | -0.0206 |
| 1704 | 9.82 | 10   | 3.1753 | 2.7737 | -0.0059 | 5.9431 | -0.0292 | 0.0022  | 0.0118  | -0.0153 |
| 1705 | 10   | 10   | 3.1759 | 2.7735 | -0.0058 | 5.9436 | -0.0272 | 0.013   | 0.0072  | -0.0069 |
| 1706 | 10.1 | 9.98 | 3.1761 | 2.7734 | -0.0056 | 5.9439 | -0.0141 | 0.0129  | 0.0041  | 0.0029  |
| 1707 | 10   | 9.99 | 3.1761 | 2.7734 | -0.0054 | 5.9442 | 0.0014  | 0.007   | 0.0037  | 0.012   |
| 1708 | 10.3 | 9.98 | 3.1761 | 2.7734 | -0.0053 | 5.9442 | 0.0048  | 0.004   | 0.0034  | 0.0122  |
| 1709 | 10.4 | 9.96 | 3.1761 | 2.7736 | -0.0051 | 5.9446 | 0.0032  | 0.0011  | 0.0026  | 0.0069  |
| 1710 | 9.85 | 9.93 | 3.1761 | 2.7741 | -0.0052 | 5.945  | -0.0008 | -0.0011 | 0.002   | 0.0001  |
| 1711 | 9.51 | 9.93 | 3.1762 | 2.7742 | -0.0053 | 5.9451 | -0.0065 | 0.0033  | 0.0036  | 0.0005  |
| 1712 | 9.83 | 9.92 | 3.1764 | 2.7742 | -0.0054 | 5.9452 | -0.0137 | 0.0075  | 0.0051  | -0.0011 |
| 1713 | 9.91 | 9.92 | 3.1769 | 2.7743 | -0.0052 | 5.946  | -0.0191 | 0.0101  | 0.0065  | -0.0025 |
| 1714 | 9.78 | 9.92 | 3.1774 | 2.7752 | -0.0048 | 5.9478 | -0.0142 | 0.0111  | 0.0042  | 0.0012  |
| 1715 | 9.84 | 9.92 | 3.1772 | 2.7761 | -0.0047 | 5.9486 | -0.0081 | 0.0183  | 0.0049  | 0.0151  |
| 1716 | 9.77 | 9.9  | 3.1773 | 2.776  | -0.0048 | 5.9486 | -0.01   | 0.0223  | 0.005   | 0.0173  |
| 1717 | 10.2 | 9.92 | 3.1784 | 2.7764 | -0.0047 | 5.9501 | -0.0121 | 0.0262  | 0       | 0.0141  |
| 1718 | 9.85 | 9.9  | 3.1786 | 2.7765 | -0.0045 | 5.9506 | -0.0191 | 0.0264  | -0.0023 | 0.0049  |
| 1719 | 9.68 | 9.85 | 3.179  | 2.7767 | -0.0046 | 5.9511 | -0.026  | 0.0258  | -0.0029 | -0.0031 |
| 1720 | 10   | 9.86 | 3.1792 | 2.7767 | -0.0046 | 5.9514 | -0.0317 | 0.0212  | -0.0001 | -0.0106 |
| 1721 | 9.76 | 9.88 | 3.1795 | 2.777  | -0.0046 | 5.9519 | -0.0393 | 0.0195  | 0.0062  | -0.0137 |
| 1722 | 9.74 | 9.91 | 3.1795 | 2.7768 | -0.0046 | 5.9517 | -0.0459 | 0.0239  | 0.0083  | -0.0137 |
| 1723 | 9.98 | 9.92 | 3.1798 | 2.7764 | -0.0046 | 5.9516 | -0.048  | 0.0164  | 0.0085  | -0.0232 |
| 1724 | 9.87 | 9.93 | 3.1796 | 2.7761 | -0.0046 | 5.9511 | -0.0448 | 0.0184  | 0.01    | -0.0164 |
| 1725 | 9.77 | 9.94 | 3.1797 | 2.7759 | -0.0045 | 5.9511 | -0.0388 | 0.0174  | 0.0129  | -0.0084 |
| 1726 | 10.3 | 9.97 | 3.1799 | 2.7761 | -0.0043 | 5.9516 | -0.0377 | 0.0122  | 0.0155  | -0.0101 |
| 1727 | 10   | 9.99 | 3.1796 | 2.7761 | -0.0044 | 5.9513 | -0.0394 | 0.0092  | 0.0185  | -0.0116 |
| 1728 | 9.52 | 10   | 3.1793 | 2.7763 | -0.0042 | 5.9514 | -0.0431 | 0.0081  | 0.0195  | -0.0155 |
| 1729 | 9.94 | 10.1 | 3.1793 | 2.7759 | -0.004  | 5.9512 | -0.0353 | 0.0146  | 0.0183  | -0.0024 |
| 1730 | 9.84 | 10.1 | 3.1791 | 2.7759 | -0.0041 | 5.9509 | -0.0247 | 0.0174  | 0.018   | 0.0107  |



|      |      |      |        |        |         |        |         |        |         |         |
|------|------|------|--------|--------|---------|--------|---------|--------|---------|---------|
| 1731 | 10.5 | 10.2 | 3.1793 | 2.776  | -0.0044 | 5.9509 | -0.0198 | 0.0172 | 0.0172  | 0.0146  |
| 1732 | 10   | 10.3 | 3.1796 | 2.776  | -0.0046 | 5.951  | -0.0171 | 0.0143 | 0.0151  | 0.0123  |
| 1733 | 10.1 | 10.3 | 3.1795 | 2.7761 | -0.0048 | 5.9509 | -0.0191 | 0.0162 | 0.0162  | 0.0133  |
| 1734 | 10   | 10.4 | 3.1789 | 2.776  | -0.0048 | 5.9501 | -0.0172 | 0.0226 | 0.0126  | 0.0181  |
| 1735 | 10.3 | 10.4 | 3.1784 | 2.7761 | -0.0049 | 5.9497 | -0.0157 | 0.0263 | 0.0123  | 0.023   |
| 1736 | 10.6 | 10.4 | 3.178  | 2.7759 | -0.005  | 5.9489 | -0.0151 | 0.0288 | 0.0133  | 0.027   |
| 1737 | 10.8 | 10.4 | 3.1778 | 2.7756 | -0.0052 | 5.9483 | -0.0196 | 0.0326 | 0.0151  | 0.0281  |
| 1738 | 10.9 | 10.5 | 3.1779 | 2.7752 | -0.0053 | 5.9479 | -0.0257 | 0.038  | 0.0141  | 0.0265  |
| 1739 | 10.7 | 10.5 | 3.1781 | 2.7743 | -0.0052 | 5.9472 | -0.032  | 0.0321 | 0.0157  | 0.0158  |
| 1740 | 11   | 10.6 | 3.1782 | 2.7739 | -0.0051 | 5.947  | -0.0292 | 0.0313 | 0.0101  | 0.0123  |
| 1741 | 10.8 | 10.6 | 3.1785 | 2.7734 | -0.005  | 5.9468 | -0.0208 | 0.0367 | 0.0054  | 0.0213  |
| 1742 | 11   | 10.7 | 3.1783 | 2.7735 | -0.0048 | 5.947  | -0.0123 | 0.0378 | 0.0041  | 0.0297  |
| 1743 | 11.1 | 10.7 | 3.1781 | 2.7729 | -0.0046 | 5.9464 | -0.0071 | 0.0375 | 0.0041  | 0.0344  |
| 1744 | 10.4 | 10.8 | 3.1784 | 2.7729 | -0.0043 | 5.947  | -0.005  | 0.036  | 0.0016  | 0.0326  |
| 1745 | 10.1 | 10.8 | 3.1785 | 2.7734 | -0.0044 | 5.9475 | -0.0064 | 0.0272 | 0       | 0.0208  |
| 1746 | 10.4 | 10.9 | 3.1784 | 2.7737 | -0.0044 | 5.9477 | -0.006  | 0.0266 | -0.0001 | 0.0205  |
| 1747 | 10.6 | 10.9 | 3.1779 | 2.7742 | -0.0046 | 5.9475 | -0.0083 | 0.0246 | 0.0005  | 0.0169  |
| 1748 | 10.9 | 10.9 | 3.1778 | 2.7748 | -0.0048 | 5.9478 | -0.0061 | 0.0297 | 0.0004  | 0.024   |
| 1749 | 11.1 | 10.9 | 3.178  | 2.7752 | -0.0051 | 5.9481 | -0.0023 | 0.0234 | -0.0005 | 0.0206  |
| 1750 | 11.2 | 10.8 | 3.1781 | 2.7756 | -0.0052 | 5.9485 | -0.0032 | 0.0106 | -0.0038 | 0.0036  |
| 1751 | 11.1 | 10.9 | 3.1782 | 2.7757 | -0.0053 | 5.9486 | -0.0077 | 0.01   | -0.0027 | -0.0004 |
| 1752 | 11   | 10.8 | 3.1783 | 2.7751 | -0.0053 | 5.9481 | -0.0056 | 0.0115 | -0.0021 | 0.0038  |
| 1753 | 11.1 | 10.8 | 3.1783 | 2.7746 | -0.0052 | 5.9477 | -0.0044 | 0.0178 | -0.0041 | 0.0093  |
| 1754 | 11.3 | 10.8 | 3.1785 | 2.7735 | -0.005  | 5.947  | -0.003  | 0.0168 | -0.0052 | 0.0086  |
| 1755 | 10.9 | 10.9 | 3.1785 | 2.7735 | -0.0049 | 5.9471 | 0.0029  | 0.0147 | -0.0051 | 0.0125  |
| 1756 | 11.4 | 10.9 | 3.1784 | 2.7736 | -0.005  | 5.947  | 0.0096  | 0.0126 | -0.004  | 0.0183  |
| 1757 | 10.3 | 10.9 | 3.1782 | 2.7737 | -0.0051 | 5.9468 | 0.0117  | 0.0117 | -0.0022 | 0.0212  |
| 1758 | 10.6 | 10.9 | 3.1782 | 2.7737 | -0.0053 | 5.9466 | 0.0118  | 0.0126 | 0.0004  | 0.0248  |
| 1759 | 10.6 | 10.9 | 3.1782 | 2.7735 | -0.0053 | 5.9465 | 0.0115  | 0.0123 | 0.0016  | 0.0254  |
| 1760 | 10.9 | 10.8 | 3.1782 | 2.7735 | -0.0054 | 5.9464 | 0.0123  | 0.0148 | 0.0028  | 0.0299  |
| 1761 | 10.8 | 10.8 | 3.1779 | 2.773  | -0.0055 | 5.9454 | 0.0119  | 0.02   | 0.0027  | 0.0346  |
| 1762 | 10.7 | 10.8 | 3.1778 | 2.7728 | -0.0054 | 5.9452 | 0.0136  | 0.0222 | 0.0007  | 0.0365  |
| 1763 | 10.7 | 10.8 | 3.1777 | 2.7724 | -0.0052 | 5.945  | 0.0161  | 0.0221 | 0       | 0.0382  |
| 1764 | 10.9 | 10.8 | 3.1777 | 2.772  | -0.0051 | 5.9445 | 0.0216  | 0.0233 | 0.0028  | 0.0477  |
| 1765 | 10.8 | 10.7 | 3.1777 | 2.7719 | -0.0051 | 5.9445 | 0.0282  | 0.0342 | 0.0066  | 0.069   |
| 1766 | 10.8 | 10.7 | 3.1777 | 2.7721 | -0.0049 | 5.9449 | 0.0257  | 0.0448 | 0.0082  | 0.0787  |
| 1767 | 11.1 | 10.7 | 3.1779 | 2.7724 | -0.0047 | 5.9455 | 0.0276  | 0.0448 | 0.0072  | 0.0795  |

|      |      |      |        |        |         |        |        |        |        |        |
|------|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 1768 | 10.4 | 10.7 | 3.1777 | 2.772  | -0.0046 | 5.9452 | 0.0408 | 0.05   | 0.0087 | 0.0995 |
| 1769 | 10.3 | 10.7 | 3.1776 | 2.7722 | -0.0047 | 5.9451 | 0.0435 | 0.0522 | 0.0107 | 0.1064 |
| 1770 | 10.4 | 10.7 | 3.1778 | 2.7724 | -0.005  | 5.9452 | 0.049  | 0.0545 | 0.0099 | 0.1134 |
| 1771 | 11.1 | 10.6 | 3.1777 | 2.7722 | -0.0052 | 5.9446 | 0.0526 | 0.056  | 0.01   | 0.1185 |
| 1772 | 11   | 10.6 | 3.1773 | 2.773  | -0.0053 | 5.9449 | 0.0571 | 0.06   | 0.0101 | 0.1272 |
| 1773 | 10.5 | 10.6 | 3.1771 | 2.7733 | -0.0056 | 5.9448 | 0.0579 | 0.0577 | 0.0103 | 0.1258 |
| 1774 | 10.4 | 10.6 | 3.1765 | 2.7734 | -0.006  | 5.9438 | 0.062  | 0.0544 | 0.0104 | 0.1267 |
| 1775 | 10   | 10.6 | 3.1764 | 2.7736 | -0.0063 | 5.9436 | 0.0603 | 0.0504 | 0.0105 | 0.1212 |
| 1776 | 10.3 | 10.6 | 3.1768 | 2.7736 | -0.0066 | 5.9438 | 0.0625 | 0.0486 | 0.0116 | 0.1226 |
| 1777 | 10.6 | 10.5 | 3.1767 | 2.7732 | -0.0067 | 5.9432 | 0.0655 | 0.0514 | 0.0143 | 0.1312 |
| 1778 | 10.8 | 10.5 | 3.1763 | 2.7725 | -0.0069 | 5.942  | 0.062  | 0.0526 | 0.0139 | 0.1285 |
| 1779 | 10.8 | 10.5 | 3.1758 | 2.7721 | -0.007  | 5.9409 | 0.0595 | 0.056  | 0.0165 | 0.132  |
| 1780 | 10.6 | 10.5 | 3.1755 | 2.7717 | -0.0071 | 5.9401 | 0.0601 | 0.0513 | 0.0197 | 0.1311 |
| 1781 | 10.7 | 10.4 | 3.1751 | 2.7717 | -0.007  | 5.9397 | 0.0584 | 0.0522 | 0.0182 | 0.1288 |
| 1782 | 10   | 10.3 | 3.175  | 2.7714 | -0.0069 | 5.9395 | 0.0626 | 0.0542 | 0.014  | 0.1309 |
| 1783 | 10.4 | 10.3 | 3.1747 | 2.7711 | -0.0065 | 5.9393 | 0.0676 | 0.0557 | 0.0111 | 0.1344 |
| 1784 | 10.7 | 10.3 | 3.1745 | 2.7704 | -0.0064 | 5.9385 | 0.067  | 0.058  | 0.009  | 0.1339 |
| 1785 | 10.6 | 10.2 | 3.1743 | 2.7698 | -0.0062 | 5.9379 | 0.0588 | 0.0573 | 0.0085 | 0.1246 |
| 1786 | 9.79 | 10.2 | 3.1747 | 2.7694 | -0.0061 | 5.938  | 0.0522 | 0.0591 | 0.0084 | 0.1197 |
| 1787 | 10.3 | 10.1 | 3.1753 | 2.7691 | -0.0059 | 5.9384 | 0.0464 | 0.0568 | 0.007  | 0.1102 |
| 1788 | 10.4 | 10.1 | 3.1762 | 2.7691 | -0.0059 | 5.9394 | 0.044  | 0.0537 | 0.0038 | 0.1015 |
| 1789 | 10.3 | 10.1 | 3.1762 | 2.7692 | -0.0055 | 5.9399 | 0.0468 | 0.0476 | 0.0022 | 0.0965 |
| 1790 | 9.59 | 10   | 3.176  | 2.7689 | -0.0052 | 5.9396 | 0.0499 | 0.0342 | 0.0028 | 0.087  |
| 1791 | 9.6  | 9.95 | 3.1757 | 2.7686 | -0.0049 | 5.9394 | 0.0525 | 0.0281 | 0.0047 | 0.0852 |
| 1792 | 9.79 | 9.92 | 3.1754 | 2.7688 | -0.0049 | 5.9394 | 0.0583 | 0.0188 | 0.0066 | 0.0837 |
| 1793 | 9.73 | 9.83 | 3.1753 | 2.769  | -0.0048 | 5.9394 | 0.0565 | 0.0214 | 0.0103 | 0.0881 |
| 1794 | 9.72 | 9.79 | 3.1754 | 2.7698 | -0.0048 | 5.9404 | 0.0541 | 0.0113 | 0.0143 | 0.0796 |
| 1795 | 9.61 | 9.69 | 3.1755 | 2.7701 | -0.0049 | 5.9407 | 0.0604 | 0.0123 | 0.0194 | 0.0921 |
| 1796 | 9.36 | 9.71 | 3.1755 | 2.7704 | -0.005  | 5.9409 | 0.0631 | 0.02   | 0.0185 | 0.1017 |
| 1797 | 10.3 | 9.69 | 3.1753 | 2.7697 | -0.005  | 5.94   | 0.0618 | 0.0264 | 0.0189 | 0.107  |
| 1798 | 9.53 | 9.7  | 3.1748 | 2.7703 | -0.0051 | 5.94   | 0.0547 | 0.0364 | 0.0144 | 0.1055 |
| 1799 | 9.67 | 9.61 | 3.1749 | 2.7719 | -0.0051 | 5.9417 | 0.0541 | 0.0494 | 0.011  | 0.1146 |
| 1800 | 9.63 | 9.63 | 3.175  | 2.7723 | -0.0054 | 5.9419 | 0.0583 | 0.0577 | 0.0059 | 0.1219 |