

|                           |                                                                                                                                                                                                                               |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Name                 | <b>AL, PIR, rep 1</b>                                                                                                                                                                                                         |
| Cladding                  | <b>Aluminium</b>                                                                                                                                                                                                              |
| Cladding Thickness [mm]   | <b>2</b>                                                                                                                                                                                                                      |
| Insulation                | <b>Polyisocyanurate (PIR) foam</b>                                                                                                                                                                                            |
| Insulation Thickness [mm] | <b>100</b>                                                                                                                                                                                                                    |
| Cavity Width [mm]         | <b>50</b>                                                                                                                                                                                                                     |
| Repetition Number         | <b>1</b>                                                                                                                                                                                                                      |
| Mass Flow Rate (Propane)  | <b>0.2</b>                                                                                                                                                                                                                    |
| Description               | This experiment is on a system consisting of an Aluminium cladding panel and a Polyisocyanurate (PIR) foam insulation panel, separated with a cavity of 50 mm width. It is the first repetition of this system configuration. |
| Experiment Notes          | At approximately 11 minutes the aluminium panel began to touch the insulation panel, affecting the mass measurements.                                                                                                         |
| Peak HRR [kW]             | <b>5.35</b>                                                                                                                                                                                                                   |
| Time to Peak HRR [mins]   | <b>0.55</b>                                                                                                                                                                                                                   |
| Residual HRR [kW]         | <b>2.7</b>                                                                                                                                                                                                                    |
| Total HR [MJ]             | <b>0.504</b>                                                                                                                                                                                                                  |
| Peak dQ/dt [kW/s]         | <b>0.172</b>                                                                                                                                                                                                                  |
| Time to Peak dQ/dt [s]    | <b>1.05</b>                                                                                                                                                                                                                   |

| 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                | 0.736                            | 0.736                   | 3.1907                     | 1.8659                     | -0.0013                   | 5.0552                | 0.2842                                       | 0.4187                                       | 0.0104                                      | 0.7133                                  |
| 1                | 0.711                            | 0.734                   | 3.1905                     | 1.8651                     | -0.0006                   | 5.055                 | 0.2746                                       | 0.4133                                       | 0.0145                                      | 0.7024                                  |
| 2                | 0.755                            | 0.763                   | 3.1887                     | 1.8641                     | -0.0011                   | 5.0517                | 0.2675                                       | 0.4173                                       | 0.0178                                      | 0.7026                                  |
| 3                | 0.753                            | 0.868                   | 3.1885                     | 1.8628                     | -0.001                    | 5.0504                | 0.263                                        | 0.4173                                       | 0.0169                                      | 0.6972                                  |
| 4                | 0.862                            | 0.992                   | 3.1874                     | 1.8615                     | -0.0009                   | 5.048                 | 0.2616                                       | 0.4185                                       | 0.0152                                      | 0.6953                                  |
| 5                | 0.963                            | 1.17                    | 3.1867                     | 1.8614                     | -0.0009                   | 5.0472                | 0.2642                                       | 0.418                                        | 0.0142                                      | 0.6964                                  |
| 6                | 1.3                              | 1.54                    | 3.1861                     | 1.8607                     | -0.0009                   | 5.0459                | 0.2636                                       | 0.4131                                       | 0.0129                                      | 0.6896                                  |
| 7                | 1.42                             | 2.05                    | 3.1853                     | 1.8601                     | -0.001                    | 5.0445                | 0.2551                                       | 0.4113                                       | 0.0117                                      | 0.6782                                  |
| 8                | 1.43                             | 2.71                    | 3.1849                     | 1.8594                     | -0.001                    | 5.0433                | 0.2485                                       | 0.4013                                       | 0.0107                                      | 0.6605                                  |
| 9                | 1.59                             | 3.51                    | 3.1847                     | 1.8575                     | -0.0011                   | 5.0412                | 0.2467                                       | 0.3909                                       | 0.0106                                      | 0.6481                                  |
| 10               | 2.38                             | 4.06                    | 3.1848                     | 1.8573                     | -0.0012                   | 5.0409                | 0.2448                                       | 0.3825                                       | 0.0091                                      | 0.6365                                  |
| 11               | 3.08                             | 4.67                    | 3.185                      | 1.8565                     | -0.0012                   | 5.0403                | 0.2426                                       | 0.3803                                       | 0.0086                                      | 0.6315                                  |
| 12               | 4.03                             | 5.26                    | 3.1849                     | 1.8558                     | -0.0013                   | 5.0394                | 0.2435                                       | 0.3732                                       | 0.0084                                      | 0.6252                                  |
| 13               | 4.8                              | 5.87                    | 3.1846                     | 1.8548                     | -0.0015                   | 5.038                 | 0.2397                                       | 0.375                                        | 0.0084                                      | 0.623                                   |
| 14               | 5.89                             | 6.48                    | 3.1846                     | 1.8543                     | -0.0016                   | 5.0373                | 0.2296                                       | 0.3648                                       | 0.0112                                      | 0.6056                                  |
| 15               | 7.1                              | 7.1                     | 3.1845                     | 1.8536                     | -0.0016                   | 5.0365                | 0.2215                                       | 0.362                                        | 0.0096                                      | 0.5931                                  |
| 16               | 8.35                             | 7.71                    | 3.1842                     | 1.8531                     | -0.0015                   | 5.0358                | 0.2174                                       | 0.3563                                       | 0.0094                                      | 0.5831                                  |
| 17               | 9.83                             | 8.37                    | 3.1839                     | 1.8523                     | -0.0016                   | 5.0346                | 0.2158                                       | 0.3501                                       | 0.0097                                      | 0.5756                                  |
| 18               | 10.8                             | 9.01                    | 3.184                      | 1.8513                     | -0.0017                   | 5.0336                | 0.2105                                       | 0.3466                                       | 0.0117                                      | 0.5687                                  |
| 19               | 11.2                             | 9.65                    | 3.1839                     | 1.8506                     | -0.0018                   | 5.0327                | 0.2067                                       | 0.3451                                       | 0.0134                                      | 0.5653                                  |
| 20               | 12.3                             | 10.3                    | 3.1836                     | 1.8498                     | -0.0018                   | 5.0316                | 0.2046                                       | 0.3433                                       | 0.014                                       | 0.5619                                  |
| 21               | 11.8                             | 10.9                    | 3.1838                     | 1.8492                     | -0.0017                   | 5.0312                | 0.2046                                       | 0.3377                                       | 0.0144                                      | 0.5567                                  |
| 22               | 12.4                             | 11.5                    | 3.1845                     | 1.8486                     | -0.0017                   | 5.0313                | 0.2029                                       | 0.3358                                       | 0.0151                                      | 0.5538                                  |
| 23               | 12.5                             | 12.1                    | 3.185                      | 1.8485                     | -0.0017                   | 5.0318                | 0.1992                                       | 0.3382                                       | 0.0164                                      | 0.5537                                  |
| 24               | 12.7                             | 12.6                    | 3.1852                     | 1.8481                     | -0.0017                   | 5.0315                | 0.1971                                       | 0.3407                                       | 0.0186                                      | 0.5564                                  |
| 25               | 12.9                             | 12.9                    | 3.1853                     | 1.8475                     | -0.0019                   | 5.0309                | 0.1926                                       | 0.3399                                       | 0.0179                                      | 0.5505                                  |
| 26               | 13.9                             | 13.3                    | 3.1853                     | 1.8471                     | -0.0019                   | 5.0305                | 0.1932                                       | 0.3372                                       | 0.0174                                      | 0.5478                                  |
| 27               | 13.8                             | 13.5                    | 3.1855                     | 1.8468                     | -0.002                    | 5.0304                | 0.1923                                       | 0.3329                                       | 0.0172                                      | 0.5424                                  |
| 28               | 13.6                             | 13.6                    | 3.1854                     | 1.847                      | -0.0019                   | 5.0305                | 0.1925                                       | 0.33                                         | 0.017                                       | 0.5395                                  |

|    |      |      |        |        |         |        |        |        |        |        |
|----|------|------|--------|--------|---------|--------|--------|--------|--------|--------|
| 29 | 14.8 | 13.8 | 3.1851 | 1.8467 | -0.0019 | 5.0299 | 0.1909 | 0.3305 | 0.0168 | 0.5382 |
| 30 | 14.9 | 13.8 | 3.1851 | 1.8462 | -0.0019 | 5.0295 | 0.1858 | 0.3326 | 0.0163 | 0.5347 |
| 31 | 15.1 | 13.9 | 3.1852 | 1.8461 | -0.0019 | 5.0294 | 0.1816 | 0.3276 | 0.0155 | 0.5247 |
| 32 | 15.7 | 13.9 | 3.1835 | 1.8457 | -0.002  | 5.0273 | 0.1784 | 0.3241 | 0.0166 | 0.5191 |
| 33 | 14.9 | 13.9 | 3.1827 | 1.8455 | -0.002  | 5.0262 | 0.176  | 0.3197 | 0.0171 | 0.5129 |
| 34 | 14.5 | 13.9 | 3.1819 | 1.845  | -0.002  | 5.0249 | 0.1765 | 0.316  | 0.0169 | 0.5094 |
| 35 | 14.7 | 13.9 | 3.1817 | 1.8447 | -0.002  | 5.0244 | 0.1762 | 0.3126 | 0.016  | 0.5047 |
| 36 | 14   | 13.8 | 3.1827 | 1.8447 | -0.002  | 5.0254 | 0.1771 | 0.3077 | 0.0145 | 0.4993 |
| 37 | 13.4 | 13.6 | 3.1832 | 1.8445 | -0.002  | 5.0256 | 0.1751 | 0.3066 | 0.0141 | 0.4957 |
| 38 | 13.8 | 13.5 | 3.1822 | 1.8443 | -0.0019 | 5.0245 | 0.1739 | 0.3038 | 0.0149 | 0.4926 |
| 39 | 13.6 | 13.3 | 3.1814 | 1.8438 | -0.0019 | 5.0233 | 0.172  | 0.2993 | 0.0159 | 0.4873 |
| 40 | 13.1 | 13.2 | 3.1802 | 1.8438 | -0.0018 | 5.0223 | 0.1735 | 0.3004 | 0.0147 | 0.4886 |
| 41 | 12.6 | 13   | 3.1792 | 1.8438 | -0.0018 | 5.0212 | 0.1831 | 0.3023 | 0.0123 | 0.4978 |
| 42 | 12.6 | 12.7 | 3.1793 | 1.8439 | -0.0018 | 5.0214 | 0.1939 | 0.2941 | 0.011  | 0.499  |
| 43 | 12.3 | 12.5 | 3.1794 | 1.8443 | -0.0018 | 5.022  | 0.2058 | 0.2836 | 0.0097 | 0.4991 |
| 44 | 12.1 | 12.4 | 3.1794 | 1.8442 | -0.0018 | 5.0219 | 0.2151 | 0.2769 | 0.009  | 0.501  |
| 45 | 11.8 | 12.2 | 3.1792 | 1.8443 | -0.0015 | 5.022  | 0.217  | 0.2709 | 0.0097 | 0.4976 |
| 46 | 11.7 | 12.1 | 3.1789 | 1.8447 | -0.0015 | 5.0222 | 0.2164 | 0.2668 | 0.01   | 0.4932 |
| 47 | 11.1 | 12   | 3.1783 | 1.8451 | -0.0015 | 5.0219 | 0.2105 | 0.2627 | 0.0105 | 0.4838 |
| 48 | 11.5 | 11.9 | 3.1778 | 1.8451 | -0.0013 | 5.0216 | 0.2001 | 0.2583 | 0.0104 | 0.4688 |
| 49 | 11.4 | 11.8 | 3.1776 | 1.8452 | -0.0014 | 5.0215 | 0.1865 | 0.2532 | 0.0097 | 0.4495 |
| 50 | 11.3 | 11.7 | 3.1778 | 1.8451 | -0.0016 | 5.0213 | 0.1759 | 0.2503 | 0.0092 | 0.4355 |
| 51 | 10.9 | 11.7 | 3.1779 | 1.8445 | -0.0018 | 5.0206 | 0.1646 | 0.2478 | 0.0042 | 0.4166 |
| 52 | 11.6 | 11.6 | 3.1779 | 1.8441 | -0.0018 | 5.0202 | 0.1624 | 0.2367 | 0.0123 | 0.4114 |
| 53 | 11.7 | 11.5 | 3.1777 | 1.8436 | -0.0017 | 5.0196 | 0.1385 | 0.23   | 0.0082 | 0.3767 |
| 54 | 11.6 | 11.5 | 3.1773 | 1.8432 | -0.0017 | 5.0188 | 0.1411 | 0.2178 | 0.0093 | 0.3682 |
| 55 | 11.8 | 11.5 | 3.177  | 1.8431 | -0.0016 | 5.0185 | 0.1389 | 0.2038 | 0.011  | 0.3537 |
| 56 | 12.1 | 11.4 | 3.1773 | 1.8427 | -0.0015 | 5.0185 | 0.1372 | 0.2046 | 0.011  | 0.3528 |
| 57 | 11.9 | 11.4 | 3.1774 | 1.8429 | -0.0015 | 5.0188 | 0.131  | 0.2014 | 0.0102 | 0.3427 |
| 58 | 11.1 | 11.3 | 3.1773 | 1.8431 | -0.0015 | 5.0189 | 0.1179 | 0.1992 | 0.0073 | 0.3244 |
| 59 | 11.6 | 11.3 | 3.1771 | 1.8432 | -0.0014 | 5.0189 | 0.1061 | 0.198  | 0.0074 | 0.3115 |
| 60 | 11.7 | 11.2 | 3.177  | 1.843  | -0.0014 | 5.0186 | 0.0997 | 0.1804 | 0.0066 | 0.2868 |
| 61 | 11.5 | 11.2 | 3.1767 | 1.843  | -0.0014 | 5.0184 | 0.0962 | 0.1769 | 0.0045 | 0.2775 |
| 62 | 10.4 | 11.2 | 3.1767 | 1.8426 | -0.0014 | 5.0179 | 0.0854 | 0.1679 | 0.0033 | 0.2566 |
| 63 | 11.7 | 11.2 | 3.1771 | 1.8428 | -0.0016 | 5.0184 | 0.0748 | 0.1618 | 0.0025 | 0.239  |
| 64 | 11   | 11.1 | 3.1774 | 1.8427 | -0.0015 | 5.0186 | 0.067  | 0.1534 | 0.0006 | 0.221  |
| 65 | 11   | 11.1 | 3.1775 | 1.8427 | -0.0015 | 5.0186 | 0.0735 | 0.1499 | 0.0003 | 0.2237 |

|     |      |      |        |        |         |        |         |        |         |        |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 66  | 10.5 | 11   | 3.1774 | 1.8427 | -0.0015 | 5.0186 | 0.0803  | 0.1444 | 0.0014  | 0.2261 |
| 67  | 10.5 | 10.9 | 3.1775 | 1.8426 | -0.0017 | 5.0184 | 0.0929  | 0.1444 | 0.0026  | 0.24   |
| 68  | 10.1 | 10.9 | 3.1775 | 1.8424 | -0.0018 | 5.0181 | 0.1029  | 0.1383 | 0.0033  | 0.2445 |
| 69  | 10.3 | 10.8 | 3.1775 | 1.8421 | -0.0019 | 5.0178 | 0.1043  | 0.1336 | 0.003   | 0.241  |
| 70  | 10.9 | 10.7 | 3.1773 | 1.8422 | -0.0019 | 5.0176 | 0.1013  | 0.1329 | 0.0005  | 0.2347 |
| 71  | 11   | 10.7 | 3.1772 | 1.842  | -0.002  | 5.0172 | 0.0964  | 0.1295 | -0.0013 | 0.2246 |
| 72  | 11.3 | 10.6 | 3.1773 | 1.8415 | -0.0021 | 5.0167 | 0.0997  | 0.1233 | -0.001  | 0.222  |
| 73  | 10.6 | 10.6 | 3.1772 | 1.841  | -0.0023 | 5.0159 | 0.1088  | 0.118  | -0.001  | 0.2258 |
| 74  | 10.6 | 10.5 | 3.1774 | 1.8407 | -0.0022 | 5.0158 | 0.1192  | 0.1169 | -0.0016 | 0.2345 |
| 75  | 10.5 | 10.5 | 3.1771 | 1.8406 | -0.0022 | 5.0155 | 0.1251  | 0.1127 | -0.0024 | 0.2354 |
| 76  | 11.1 | 10.4 | 3.177  | 1.8405 | -0.0022 | 5.0154 | 0.1246  | 0.1079 | -0.0028 | 0.2298 |
| 77  | 10.2 | 10.4 | 3.1768 | 1.8404 | -0.0022 | 5.015  | 0.1176  | 0.1021 | -0.0013 | 0.2185 |
| 78  | 10.4 | 10.3 | 3.1767 | 1.8401 | -0.0022 | 5.0146 | 0.1164  | 0.0978 | -0.0008 | 0.2134 |
| 79  | 10.1 | 10.3 | 3.1769 | 1.8396 | -0.0022 | 5.0143 | 0.11    | 0.1015 | -0.0001 | 0.2114 |
| 80  | 10.1 | 10.2 | 3.1771 | 1.8397 | -0.0021 | 5.0146 | 0.0976  | 0.0966 | 0       | 0.1941 |
| 81  | 10   | 10.2 | 3.1772 | 1.8396 | -0.0022 | 5.0146 | 0.0947  | 0.0879 | -0.0002 | 0.1824 |
| 82  | 10.1 | 10.1 | 3.1772 | 1.8396 | -0.0023 | 5.0146 | 0.1014  | 0.0861 | -0.0014 | 0.186  |
| 83  | 10.4 | 10   | 3.177  | 1.8396 | -0.0023 | 5.0143 | 0.0869  | 0.081  | -0.003  | 0.1649 |
| 84  | 9.97 | 9.96 | 3.1768 | 1.8396 | -0.0022 | 5.0142 | 0.0801  | 0.077  | -0.0035 | 0.1536 |
| 85  | 9.44 | 9.92 | 3.1766 | 1.8397 | -0.0021 | 5.0142 | 0.0721  | 0.0707 | -0.0046 | 0.1383 |
| 86  | 9.37 | 9.83 | 3.1766 | 1.8395 | -0.0021 | 5.014  | 0.069   | 0.0645 | -0.0056 | 0.1279 |
| 87  | 9.91 | 9.79 | 3.1765 | 1.8395 | -0.0022 | 5.0138 | 0.0795  | 0.0618 | -0.006  | 0.1353 |
| 88  | 9.9  | 9.76 | 3.1765 | 1.8395 | -0.0023 | 5.0137 | 0.0872  | 0.0591 | -0.0068 | 0.1395 |
| 89  | 9.33 | 9.74 | 3.1762 | 1.8391 | -0.0022 | 5.0131 | 0.0876  | 0.0536 | -0.0062 | 0.1351 |
| 90  | 9.49 | 9.72 | 3.1751 | 1.8387 | -0.002  | 5.0118 | 0.0968  | 0.0464 | -0.006  | 0.1372 |
| 91  | 9.47 | 9.69 | 3.174  | 1.8391 | -0.0019 | 5.0112 | 0.0883  | 0.0538 | -0.006  | 0.1362 |
| 92  | 9.73 | 9.65 | 3.1727 | 1.8398 | -0.0018 | 5.0107 | 0.0686  | 0.0503 | -0.0061 | 0.1128 |
| 93  | 9.76 | 9.61 | 3.1716 | 1.8402 | -0.0017 | 5.01   | 0.0255  | 0.0471 | -0.0068 | 0.0658 |
| 94  | 9.74 | 9.58 | 3.1712 | 1.8404 | -0.0018 | 5.0098 | 0.0151  | 0.0495 | -0.006  | 0.0586 |
| 95  | 9.28 | 9.61 | 3.171  | 1.8406 | -0.0018 | 5.0098 | 0.0144  | 0.0489 | -0.0055 | 0.0577 |
| 96  | 9.56 | 9.64 | 3.1714 | 1.8407 | -0.0019 | 5.0102 | 0.0139  | 0.0453 | -0.0033 | 0.0559 |
| 97  | 9.75 | 9.62 | 3.1722 | 1.8409 | -0.0019 | 5.0112 | 0.0109  | 0.0481 | -0.0027 | 0.0563 |
| 98  | 9.78 | 9.61 | 3.1733 | 1.8411 | -0.0018 | 5.0126 | 0.0061  | 0.0558 | -0.003  | 0.0589 |
| 99  | 9.57 | 9.64 | 3.1742 | 1.8412 | -0.0018 | 5.0136 | 0.0003  | 0.0587 | 0.0007  | 0.0597 |
| 100 | 9.58 | 9.66 | 3.1742 | 1.8411 | -0.0017 | 5.0136 | -0.01   | 0.0607 | 0.001   | 0.0517 |
| 101 | 9.32 | 9.66 | 3.1743 | 1.8414 | -0.0019 | 5.0138 | -0.0036 | 0.0612 | -0.0012 | 0.0565 |
| 102 | 9.69 | 9.65 | 3.1749 | 1.8411 | -0.0019 | 5.014  | 0.0154  | 0.0581 | -0.0021 | 0.0714 |

|     |      |      |        |        |         |        |        |        |         |        |
|-----|------|------|--------|--------|---------|--------|--------|--------|---------|--------|
| 103 | 9.39 | 9.67 | 3.1744 | 1.8411 | -0.0019 | 5.0135 | 0.0376 | 0.0562 | -0.0017 | 0.0921 |
| 104 | 9.97 | 9.7  | 3.1735 | 1.8411 | -0.002  | 5.0127 | 0.0505 | 0.0494 | -0.0009 | 0.0989 |
| 105 | 9.87 | 9.76 | 3.173  | 1.8409 | -0.002  | 5.0119 | 0.0535 | 0.0467 | 0.0004  | 0.1006 |
| 106 | 9.67 | 9.78 | 3.173  | 1.8406 | -0.0019 | 5.0117 | 0.0576 | 0.051  | 0.0012  | 0.1099 |
| 107 | 9.67 | 9.8  | 3.1736 | 1.8402 | -0.0017 | 5.012  | 0.0707 | 0.0479 | 0.0029  | 0.1214 |
| 108 | 9.95 | 9.81 | 3.1743 | 1.8396 | -0.0017 | 5.0122 | 0.0752 | 0.0529 | 0.0044  | 0.1325 |
| 109 | 9.89 | 9.81 | 3.1747 | 1.8395 | -0.0018 | 5.0125 | 0.0745 | 0.0622 | 0.0055  | 0.1423 |
| 110 | 9.46 | 9.83 | 3.1752 | 1.8397 | -0.0016 | 5.0132 | 0.0704 | 0.0688 | 0.0068  | 0.146  |
| 111 | 9.49 | 9.85 | 3.1765 | 1.8397 | -0.0015 | 5.0146 | 0.0521 | 0.071  | 0.0063  | 0.1294 |
| 112 | 10.1 | 9.84 | 3.1774 | 1.8396 | -0.0016 | 5.0155 | 0.0294 | 0.0759 | 0.0053  | 0.1106 |
| 113 | 10.3 | 9.87 | 3.1779 | 1.8395 | -0.0015 | 5.0159 | 0.0202 | 0.0729 | 0.0033  | 0.0964 |
| 114 | 10.4 | 9.85 | 3.1772 | 1.8393 | -0.0016 | 5.0149 | 0.0204 | 0.0741 | 0.0011  | 0.0956 |
| 115 | 9.92 | 9.84 | 3.1765 | 1.8392 | -0.0017 | 5.0139 | 0.0182 | 0.076  | 0.001   | 0.0951 |
| 116 | 10.1 | 9.84 | 3.1749 | 1.8387 | -0.0018 | 5.0118 | 0.0232 | 0.0732 | -0.0009 | 0.0955 |
| 117 | 9.88 | 9.85 | 3.1736 | 1.8385 | -0.0019 | 5.0102 | 0.0295 | 0.0739 | -0.0003 | 0.1031 |
| 118 | 9.64 | 9.84 | 3.1735 | 1.8379 | -0.002  | 5.0095 | 0.0375 | 0.0744 | -0.0017 | 0.1102 |
| 119 | 9.95 | 9.8  | 3.1738 | 1.8373 | -0.0018 | 5.0092 | 0.0447 | 0.0739 | -0.002  | 0.1166 |
| 120 | 9.68 | 9.83 | 3.174  | 1.8369 | -0.0017 | 5.0092 | 0.0464 | 0.0694 | -0.0005 | 0.1152 |
| 121 | 9.61 | 9.8  | 3.1738 | 1.8368 | -0.0016 | 5.009  | 0.033  | 0.0671 | -0.0015 | 0.0986 |
| 122 | 9.82 | 9.75 | 3.1736 | 1.8368 | -0.0016 | 5.0087 | 0.0206 | 0.0645 | -0.0015 | 0.0836 |
| 123 | 9.68 | 9.7  | 3.1731 | 1.8368 | -0.0015 | 5.0083 | 0.0094 | 0.0588 | -0.001  | 0.0672 |
| 124 | 9.75 | 9.63 | 3.1727 | 1.8368 | -0.0015 | 5.008  | 0.0042 | 0.0554 | -0.0033 | 0.0564 |
| 125 | 9.6  | 9.57 | 3.1728 | 1.8367 | -0.0016 | 5.0079 | 0.0172 | 0.0542 | -0.0032 | 0.0683 |
| 126 | 9.78 | 9.5  | 3.1735 | 1.8369 | -0.0018 | 5.0086 | 0.0226 | 0.0522 | -0.0021 | 0.0727 |
| 127 | 9.73 | 9.43 | 3.1739 | 1.837  | -0.0019 | 5.009  | 0.0141 | 0.057  | -0.002  | 0.069  |
| 128 | 9.28 | 9.38 | 3.1744 | 1.8369 | -0.0019 | 5.0094 | 0.0213 | 0.056  | -0.002  | 0.0752 |
| 129 | 9.91 | 9.32 | 3.1754 | 1.837  | -0.0019 | 5.0105 | 0.0269 | 0.0532 | -0.0021 | 0.078  |
| 130 | 8.98 | 9.28 | 3.1757 | 1.8374 | -0.0019 | 5.0112 | 0.0341 | 0.0489 | -0.003  | 0.0799 |
| 131 | 9.11 | 9.23 | 3.1751 | 1.8375 | -0.0018 | 5.0108 | 0.0371 | 0.0526 | -0.003  | 0.0867 |
| 132 | 9.51 | 9.2  | 3.1748 | 1.8376 | -0.0017 | 5.0108 | 0.0382 | 0.0544 | -0.0026 | 0.0899 |
| 133 | 9.02 | 9.17 | 3.1746 | 1.8378 | -0.0017 | 5.0108 | 0.0401 | 0.0569 | -0.0015 | 0.0955 |
| 134 | 8.9  | 9.14 | 3.1746 | 1.838  | -0.0015 | 5.0111 | 0.0308 | 0.0613 | -0.001  | 0.091  |
| 135 | 8.59 | 9.13 | 3.1748 | 1.8382 | -0.0014 | 5.0116 | 0.0267 | 0.063  | -0.0004 | 0.0893 |
| 136 | 8.59 | 9.09 | 3.1748 | 1.8385 | -0.0014 | 5.0119 | 0.0233 | 0.0659 | 0.0007  | 0.09   |
| 137 | 8.79 | 9.08 | 3.1745 | 1.8386 | -0.0013 | 5.0117 | 0.0197 | 0.0662 | 0.001   | 0.0868 |
| 138 | 8.75 | 9.12 | 3.1734 | 1.8389 | -0.0013 | 5.011  | 0.0181 | 0.0685 | 0.0009  | 0.0876 |
| 139 | 8.97 | 9.09 | 3.1718 | 1.8391 | -0.0013 | 5.0096 | 0.0171 | 0.0727 | 0.0001  | 0.0898 |

|     |      |      |        |        |         |        |         |        |        |        |
|-----|------|------|--------|--------|---------|--------|---------|--------|--------|--------|
| 140 | 8.66 | 9.12 | 3.1714 | 1.8385 | -0.0012 | 5.0087 | 0.013   | 0.069  | 0.001  | 0.083  |
| 141 | 9.27 | 9.14 | 3.1724 | 1.8388 | -0.0012 | 5.01   | 0.0027  | 0.0663 | 0.0029 | 0.0719 |
| 142 | 9.07 | 9.17 | 3.1768 | 1.8392 | -0.0011 | 5.0149 | -0.0067 | 0.0719 | 0.0033 | 0.0686 |
| 143 | 9.24 | 9.22 | 3.1779 | 1.8394 | -0.0012 | 5.0161 | -0.0146 | 0.0799 | 0.0055 | 0.0708 |
| 144 | 9.23 | 9.27 | 3.178  | 1.8394 | -0.0012 | 5.0161 | -0.0179 | 0.0856 | 0.0075 | 0.0752 |
| 145 | 9.2  | 9.38 | 3.1779 | 1.8398 | -0.0012 | 5.0164 | -0.0191 | 0.0915 | 0.0085 | 0.0809 |
| 146 | 9.53 | 9.49 | 3.1778 | 1.8399 | -0.0012 | 5.0166 | -0.0161 | 0.0956 | 0.0086 | 0.0881 |
| 147 | 9.96 | 9.59 | 3.1777 | 1.8395 | -0.0012 | 5.0161 | -0.0108 | 0.0992 | 0.008  | 0.0964 |
| 148 | 9.29 | 9.66 | 3.1777 | 1.8393 | -0.0014 | 5.0156 | 0.0016  | 0.102  | 0.0095 | 0.1131 |
| 149 | 9.55 | 9.77 | 3.1786 | 1.8392 | -0.0015 | 5.0163 | 0.0178  | 0.1046 | 0.0106 | 0.1331 |
| 150 | 9.59 | 9.88 | 3.1782 | 1.839  | -0.0015 | 5.0157 | 0.0272  | 0.1032 | 0.0128 | 0.1432 |
| 151 | 10   | 9.96 | 3.1764 | 1.8387 | -0.0016 | 5.0134 | 0.0295  | 0.1002 | 0.0158 | 0.1454 |
| 152 | 10   | 10.1 | 3.1741 | 1.8385 | -0.0016 | 5.011  | 0.0362  | 0.1022 | 0.0121 | 0.1505 |
| 153 | 9.78 | 10.1 | 3.1726 | 1.8386 | -0.0016 | 5.0097 | 0.0445  | 0.0964 | 0.0116 | 0.1525 |
| 154 | 10.8 | 10.2 | 3.1719 | 1.8385 | -0.0017 | 5.0088 | 0.0394  | 0.0979 | 0.014  | 0.1512 |
| 155 | 10.7 | 10.3 | 3.1713 | 1.838  | -0.0017 | 5.0075 | 0.0335  | 0.0997 | 0.0134 | 0.1466 |
| 156 | 10.6 | 10.4 | 3.1702 | 1.838  | -0.0018 | 5.0063 | 0.0316  | 0.0959 | 0.014  | 0.1414 |
| 157 | 10.2 | 10.4 | 3.1699 | 1.8376 | -0.0019 | 5.0056 | 0.0324  | 0.0974 | 0.0142 | 0.1441 |
| 158 | 10.9 | 10.4 | 3.1698 | 1.8369 | -0.0021 | 5.0046 | 0.0384  | 0.0983 | 0.016  | 0.1527 |
| 159 | 10.9 | 10.5 | 3.1701 | 1.8364 | -0.0021 | 5.0043 | 0.0459  | 0.0956 | 0.0149 | 0.1564 |
| 160 | 10.6 | 10.5 | 3.1718 | 1.8359 | -0.002  | 5.0057 | 0.0487  | 0.0962 | 0.0145 | 0.1593 |
| 161 | 11   | 10.4 | 3.1738 | 1.8355 | -0.0019 | 5.0073 | 0.0537  | 0.1059 | 0.0112 | 0.1707 |
| 162 | 10.6 | 10.4 | 3.1747 | 1.8353 | -0.0017 | 5.0082 | 0.0646  | 0.1086 | 0.0078 | 0.181  |
| 163 | 10.8 | 10.4 | 3.1751 | 1.8354 | -0.0017 | 5.0088 | 0.0721  | 0.1034 | 0.0043 | 0.1798 |
| 164 | 11   | 10.3 | 3.1756 | 1.8351 | -0.0016 | 5.0091 | 0.0719  | 0.0978 | 0.0036 | 0.1733 |
| 165 | 10.9 | 10.3 | 3.1751 | 1.8354 | -0.0014 | 5.0091 | 0.0575  | 0.0919 | 0.0022 | 0.1516 |
| 166 | 10.4 | 10.2 | 3.1744 | 1.8353 | -0.0015 | 5.0082 | 0.0453  | 0.0854 | 0.0014 | 0.1321 |
| 167 | 10.2 | 10.2 | 3.1738 | 1.8352 | -0.0015 | 5.0074 | 0.0254  | 0.0765 | 0.0014 | 0.1033 |
| 168 | 9.85 | 10   | 3.1731 | 1.835  | -0.0016 | 5.0065 | 0.0089  | 0.0726 | 0.0009 | 0.0824 |
| 169 | 9.71 | 9.96 | 3.1728 | 1.8352 | -0.0018 | 5.0063 | 0.0085  | 0.0662 | 0.0008 | 0.0755 |
| 170 | 9.38 | 9.88 | 3.174  | 1.8355 | -0.0018 | 5.0077 | 0.0151  | 0.0584 | 0.0012 | 0.0747 |
| 171 | 9.63 | 9.81 | 3.1751 | 1.8356 | -0.0018 | 5.0089 | 0.0179  | 0.0566 | 0.0031 | 0.0776 |
| 172 | 9.64 | 9.78 | 3.1763 | 1.8356 | -0.002  | 5.01   | 0.0119  | 0.0533 | 0.0048 | 0.0701 |
| 173 | 9.34 | 9.74 | 3.1768 | 1.8354 | -0.0019 | 5.0103 | 0.0023  | 0.0501 | 0.005  | 0.0575 |
| 174 | 9.3  | 9.68 | 3.1756 | 1.8353 | -0.0019 | 5.009  | -0.0063 | 0.0484 | 0.0046 | 0.0467 |
| 175 | 9.54 | 9.61 | 3.1749 | 1.8353 | -0.002  | 5.0082 | -0.0137 | 0.0499 | 0.0057 | 0.0419 |
| 176 | 9.15 | 9.57 | 3.1756 | 1.8349 | -0.002  | 5.0084 | -0.0145 | 0.0503 | 0.002  | 0.0378 |

|     |      |      |        |        |         |        |         |        |         |        |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 177 | 8.78 | 9.55 | 3.1747 | 1.8348 | -0.002  | 5.0075 | -0.006  | 0.0523 | -0.001  | 0.0454 |
| 178 | 9.38 | 9.53 | 3.174  | 1.8347 | -0.002  | 5.0068 | 0.0008  | 0.0556 | -0.0022 | 0.0542 |
| 179 | 9.05 | 9.51 | 3.1735 | 1.8347 | -0.0019 | 5.0063 | 0.009   | 0.0499 | -0.0006 | 0.0583 |
| 180 | 9.8  | 9.48 | 3.1734 | 1.8344 | -0.0018 | 5.0059 | 0.0265  | 0.0475 | -0.0011 | 0.073  |
| 181 | 10   | 9.42 | 3.1734 | 1.8342 | -0.002  | 5.0056 | 0.0401  | 0.0507 | -0.0012 | 0.0896 |
| 182 | 10.1 | 9.38 | 3.1732 | 1.834  | -0.0021 | 5.005  | 0.0348  | 0.0517 | 0.001   | 0.0876 |
| 183 | 9.85 | 9.36 | 3.1739 | 1.8335 | -0.0022 | 5.0052 | 0.0323  | 0.0513 | 0.0028  | 0.0864 |
| 184 | 9.56 | 9.32 | 3.1742 | 1.8333 | -0.0022 | 5.0053 | 0.0359  | 0.0516 | 0.0044  | 0.0918 |
| 185 | 9.67 | 9.28 | 3.1742 | 1.8331 | -0.0022 | 5.0052 | 0.0384  | 0.0541 | 0.0056  | 0.0981 |
| 186 | 9.68 | 9.27 | 3.1746 | 1.8329 | -0.0022 | 5.0053 | 0.0366  | 0.0579 | 0.0047  | 0.0993 |
| 187 | 9.48 | 9.29 | 3.1747 | 1.8326 | -0.0023 | 5.005  | 0.0316  | 0.0604 | 0.0062  | 0.0982 |
| 188 | 9.37 | 9.28 | 3.1748 | 1.8323 | -0.0023 | 5.0048 | 0.0218  | 0.0615 | 0.0081  | 0.0914 |
| 189 | 8.88 | 9.26 | 3.1749 | 1.8322 | -0.0023 | 5.0048 | 0.0087  | 0.0679 | 0.0093  | 0.086  |
| 190 | 8.54 | 9.22 | 3.1749 | 1.832  | -0.0023 | 5.0046 | 0.0001  | 0.0751 | 0.0104  | 0.0856 |
| 191 | 8.7  | 9.18 | 3.1746 | 1.8319 | -0.0022 | 5.0044 | 0.0006  | 0.0739 | 0.012   | 0.0865 |
| 192 | 9.02 | 9.16 | 3.1741 | 1.8318 | -0.0023 | 5.0036 | 0.0115  | 0.084  | 0.0115  | 0.107  |
| 193 | 8.61 | 9.13 | 3.1734 | 1.8316 | -0.0025 | 5.0025 | 0.0597  | 0.0899 | 0.0125  | 0.1621 |
| 194 | 8.8  | 9.13 | 3.1731 | 1.8313 | -0.0026 | 5.0018 | 0.0632  | 0.0939 | 0.0112  | 0.1682 |
| 195 | 8.96 | 9.09 | 3.1726 | 1.831  | -0.0027 | 5.001  | 0.0497  | 0.095  | 0.011   | 0.1557 |
| 196 | 9    | 9.04 | 3.1725 | 1.8308 | -0.0027 | 5.0005 | 0.0315  | 0.1021 | 0.011   | 0.1446 |
| 197 | 9.19 | 9    | 3.172  | 1.8307 | -0.0029 | 4.9999 | 0.027   | 0.1047 | 0.012   | 0.1437 |
| 198 | 8.7  | 8.96 | 3.1716 | 1.8307 | -0.0029 | 4.9993 | 0.0213  | 0.1099 | 0.0122  | 0.1434 |
| 199 | 9.07 | 8.95 | 3.1715 | 1.8308 | -0.0031 | 4.9992 | 0.0176  | 0.1077 | 0.0117  | 0.137  |
| 200 | 9.28 | 8.99 | 3.1713 | 1.8311 | -0.0033 | 4.999  | 0.0275  | 0.1044 | 0.0128  | 0.1447 |
| 201 | 9.64 | 8.99 | 3.1707 | 1.8312 | -0.0031 | 4.9988 | 0.0281  | 0.1044 | 0.014   | 0.1465 |
| 202 | 9.32 | 8.97 | 3.1704 | 1.8314 | -0.0031 | 4.9988 | 0.0152  | 0.1096 | 0.0125  | 0.1373 |
| 203 | 9.44 | 8.97 | 3.1704 | 1.8313 | -0.0033 | 4.9984 | -0.0076 | 0.1124 | 0.0127  | 0.1175 |
| 204 | 8.94 | 8.97 | 3.1702 | 1.8312 | -0.0033 | 4.998  | -0.0226 | 0.1119 | 0.0129  | 0.1022 |
| 205 | 8.69 | 8.99 | 3.1698 | 1.8313 | -0.0034 | 4.9977 | -0.0244 | 0.115  | 0.0111  | 0.1017 |
| 206 | 8.83 | 9    | 3.1698 | 1.8308 | -0.0033 | 4.9972 | -0.0301 | 0.111  | 0.0127  | 0.0935 |
| 207 | 8.69 | 8.99 | 3.1697 | 1.8303 | -0.0033 | 4.9967 | -0.0409 | 0.1075 | 0.0107  | 0.0773 |
| 208 | 8.59 | 9    | 3.1697 | 1.83   | -0.0032 | 4.9965 | -0.0427 | 0.0989 | 0.0098  | 0.066  |
| 209 | 9.28 | 9    | 3.1699 | 1.8299 | -0.0032 | 4.9965 | -0.0402 | 0.0925 | 0.0095  | 0.0618 |
| 210 | 8.65 | 8.96 | 3.1698 | 1.8291 | -0.0028 | 4.9961 | -0.0338 | 0.087  | 0.0097  | 0.063  |
| 211 | 8.68 | 8.9  | 3.17   | 1.8289 | -0.0023 | 4.9965 | -0.0135 | 0.0828 | 0.0112  | 0.0805 |
| 212 | 8.66 | 8.85 | 3.1702 | 1.8293 | -0.002  | 4.9975 | 0.0067  | 0.0813 | 0.0134  | 0.1015 |
| 213 | 8.87 | 8.81 | 3.1707 | 1.8297 | -0.0019 | 4.9985 | 0.0152  | 0.0825 | 0.0173  | 0.115  |

|     |      |      |        |        |         |        |         |        |         |        |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 214 | 9.23 | 8.79 | 3.1715 | 1.8301 | -0.0018 | 4.9998 | 0.0202  | 0.0863 | 0.0187  | 0.1252 |
| 215 | 9.34 | 8.78 | 3.1719 | 1.8306 | -0.0018 | 5.0007 | 0.0276  | 0.0847 | 0.0192  | 0.1315 |
| 216 | 8.92 | 8.76 | 3.1724 | 1.831  | -0.0019 | 5.0014 | 0.0261  | 0.0907 | 0.0209  | 0.1378 |
| 217 | 8.95 | 8.77 | 3.1727 | 1.8312 | -0.002  | 5.002  | 0.0181  | 0.0928 | 0.019   | 0.1299 |
| 218 | 8.95 | 8.81 | 3.1727 | 1.8313 | -0.0021 | 5.002  | 0.0168  | 0.0915 | 0.02    | 0.1283 |
| 219 | 8.54 | 8.83 | 3.1723 | 1.8314 | -0.002  | 5.0018 | 0.0034  | 0.0917 | 0.019   | 0.1141 |
| 220 | 8.49 | 8.89 | 3.1722 | 1.8312 | -0.002  | 5.0014 | -0.0003 | 0.0954 | 0.0173  | 0.1124 |
| 221 | 8.51 | 8.94 | 3.1726 | 1.8315 | -0.0021 | 5.002  | 0.0118  | 0.1    | 0.0181  | 0.13   |
| 222 | 8.57 | 8.99 | 3.1734 | 1.8317 | -0.0021 | 5.003  | 0.0244  | 0.1041 | 0.0164  | 0.1448 |
| 223 | 8.65 | 9.05 | 3.1737 | 1.8319 | -0.002  | 5.0037 | 0.0356  | 0.1037 | 0.0132  | 0.1524 |
| 224 | 8.49 | 9.09 | 3.174  | 1.8318 | -0.0021 | 5.0038 | 0.041   | 0.1038 | 0.0114  | 0.1562 |
| 225 | 8.42 | 9.12 | 3.1743 | 1.8317 | -0.0018 | 5.0042 | 0.0281  | 0.0994 | 0.0102  | 0.1377 |
| 226 | 8.93 | 9.21 | 3.1741 | 1.8317 | -0.0017 | 5.0041 | 0.0205  | 0.0989 | 0.0091  | 0.1285 |
| 227 | 9.36 | 9.3  | 3.1738 | 1.8315 | -0.0017 | 5.0036 | 0.0338  | 0.0911 | 0.008   | 0.1329 |
| 228 | 9.58 | 9.35 | 3.1735 | 1.8319 | -0.0018 | 5.0035 | 0.0226  | 0.0858 | 0.008   | 0.1164 |
| 229 | 9.79 | 9.47 | 3.1727 | 1.8323 | -0.0018 | 5.0032 | 0.0149  | 0.0827 | 0.0083  | 0.1059 |
| 230 | 9.64 | 9.57 | 3.1717 | 1.8324 | -0.0018 | 5.0023 | 0.0071  | 0.0809 | 0.0107  | 0.0987 |
| 231 | 9.56 | 9.66 | 3.1716 | 1.8323 | -0.0019 | 5.002  | 0.0046  | 0.0794 | 0.0127  | 0.0966 |
| 232 | 9.99 | 9.77 | 3.1716 | 1.8325 | -0.002  | 5.0021 | 0.0036  | 0.0768 | 0.0112  | 0.0916 |
| 233 | 10.1 | 9.87 | 3.1711 | 1.8326 | -0.0021 | 5.0016 | 0.0041  | 0.0751 | 0.0101  | 0.0893 |
| 234 | 9.9  | 9.97 | 3.1708 | 1.8326 | -0.0021 | 5.0013 | 0.0138  | 0.0735 | 0.01    | 0.0973 |
| 235 | 10.6 | 10.1 | 3.1711 | 1.8325 | -0.0019 | 5.0017 | 0.0189  | 0.0741 | 0.01    | 0.103  |
| 236 | 10.5 | 10.2 | 3.1716 | 1.8325 | -0.002  | 5.002  | 0.0213  | 0.072  | 0.01    | 0.1033 |
| 237 | 9.99 | 10.2 | 3.1723 | 1.8324 | -0.0021 | 5.0026 | 0.0252  | 0.0731 | 0.01    | 0.1082 |
| 238 | 10.7 | 10.3 | 3.1726 | 1.8321 | -0.0022 | 5.0024 | 0.02    | 0.0734 | 0.0102  | 0.1036 |
| 239 | 10.4 | 10.3 | 3.1717 | 1.8316 | -0.0023 | 5.001  | 0.0188  | 0.0662 | 0.0121  | 0.0972 |
| 240 | 10.3 | 10.3 | 3.1714 | 1.8311 | -0.0024 | 5      | 0.019   | 0.0666 | 0.0128  | 0.0984 |
| 241 | 10.6 | 10.3 | 3.1712 | 1.8304 | -0.0023 | 4.9993 | 0.0191  | 0.0663 | 0.0118  | 0.0972 |
| 242 | 10.6 | 10.3 | 3.1708 | 1.8302 | -0.0024 | 4.9987 | 0.0174  | 0.0642 | 0.011   | 0.0926 |
| 243 | 10.4 | 10.2 | 3.1716 | 1.83   | -0.0023 | 4.9993 | 0.0123  | 0.067  | 0.0073  | 0.0866 |
| 244 | 10.3 | 10.2 | 3.173  | 1.8299 | -0.0023 | 5.0006 | 0.0037  | 0.0707 | 0.0037  | 0.0781 |
| 245 | 10.8 | 10.1 | 3.1747 | 1.8295 | -0.0023 | 5.002  | 0.0007  | 0.0695 | 0.0009  | 0.0711 |
| 246 | 10.7 | 10.1 | 3.1751 | 1.8294 | -0.0024 | 5.0022 | -0.002  | 0.0667 | -0.0015 | 0.0632 |
| 247 | 10.4 | 10.1 | 3.1756 | 1.8285 | -0.0024 | 5.0017 | -0.0016 | 0.0583 | -0.002  | 0.0547 |
| 248 | 9.98 | 9.98 | 3.176  | 1.8285 | -0.0026 | 5.0019 | -0.0084 | 0.0534 | -0.0035 | 0.0415 |
| 249 | 9.68 | 9.93 | 3.1759 | 1.8287 | -0.0028 | 5.0018 | -0.0148 | 0.048  | -0.0039 | 0.0293 |
| 250 | 9.55 | 9.91 | 3.1754 | 1.8286 | -0.0029 | 5.001  | -0.0235 | 0.05   | -0.0037 | 0.0228 |

|     |      |      |        |        |         |        |         |        |         |         |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|---------|
| 251 | 9.58 | 9.87 | 3.1748 | 1.8277 | -0.0028 | 4.9997 | -0.0295 | 0.0532 | -0.0048 | 0.019   |
| 252 | 9.34 | 9.81 | 3.1749 | 1.8272 | -0.0029 | 4.9992 | -0.0382 | 0.0556 | -0.0019 | 0.0155  |
| 253 | 9.32 | 9.77 | 3.1749 | 1.8275 | -0.0029 | 4.9995 | -0.0455 | 0.0584 | -0.002  | 0.0109  |
| 254 | 9.35 | 9.74 | 3.1744 | 1.827  | -0.0028 | 4.9986 | -0.052  | 0.0576 | -0.0055 | 0.0001  |
| 255 | 10.1 | 9.66 | 3.1743 | 1.8269 | -0.003  | 4.9982 | -0.0583 | 0.0581 | -0.0069 | -0.0071 |
| 256 | 9.18 | 9.6  | 3.1743 | 1.8272 | -0.0029 | 4.9986 | -0.0648 | 0.0596 | -0.0087 | -0.0139 |
| 257 | 9.11 | 9.55 | 3.1741 | 1.8277 | -0.0029 | 4.999  | -0.068  | 0.0556 | -0.0093 | -0.0217 |
| 258 | 9.52 | 9.52 | 3.1738 | 1.8277 | -0.003  | 4.9985 | -0.0732 | 0.0464 | -0.0107 | -0.0375 |
| 259 | 9.81 | 9.52 | 3.1735 | 1.8277 | -0.0031 | 4.998  | -0.0755 | 0.04   | -0.0103 | -0.0458 |
| 260 | 9.83 | 9.5  | 3.1732 | 1.8276 | -0.0032 | 4.9976 | -0.0761 | 0.037  | -0.0109 | -0.0501 |
| 261 | 9.55 | 9.47 | 3.1731 | 1.8273 | -0.0033 | 4.9972 | -0.0749 | 0.0247 | -0.0056 | -0.0558 |
| 262 | 9.6  | 9.46 | 3.1732 | 1.827  | -0.0035 | 4.9967 | -0.0728 | 0.0203 | -0.0012 | -0.0537 |
| 263 | 9.62 | 9.46 | 3.1731 | 1.8268 | -0.0036 | 4.9963 | -0.0691 | 0.0246 | 0.0021  | -0.0425 |
| 264 | 9.28 | 9.46 | 3.1728 | 1.8266 | -0.0035 | 4.9959 | -0.0616 | 0.0262 | 0.0031  | -0.0323 |
| 265 | 9.56 | 9.4  | 3.1725 | 1.8263 | -0.0035 | 4.9953 | -0.0458 | 0.0274 | 0.004   | -0.0145 |
| 266 | 9.43 | 9.39 | 3.1726 | 1.8261 | -0.0034 | 4.9952 | -0.0302 | 0.031  | 0.0037  | 0.0045  |
| 267 | 9.54 | 9.37 | 3.1721 | 1.826  | -0.0035 | 4.9946 | -0.0133 | 0.0352 | 0.0026  | 0.0245  |
| 268 | 9.58 | 9.31 | 3.1727 | 1.8258 | -0.0035 | 4.995  | -0.0005 | 0.0387 | 0.0028  | 0.041   |
| 269 | 9.3  | 9.24 | 3.1729 | 1.8257 | -0.0035 | 4.995  | 0.0086  | 0.0389 | 0.0041  | 0.0517  |
| 270 | 8.92 | 9.19 | 3.1728 | 1.8255 | -0.0036 | 4.9947 | 0.0096  | 0.0429 | 0.0044  | 0.0568  |
| 271 | 9.22 | 9.13 | 3.1727 | 1.8251 | -0.0035 | 4.9944 | 0.0106  | 0.0379 | 0.0052  | 0.0537  |
| 272 | 9.32 | 9.07 | 3.1728 | 1.8252 | -0.0033 | 4.9947 | 0.0128  | 0.0425 | 0.0042  | 0.0595  |
| 273 | 9.3  | 9    | 3.1727 | 1.825  | -0.0031 | 4.9947 | 0.0246  | 0.0452 | 0.004   | 0.0738  |
| 274 | 8.91 | 8.97 | 3.1728 | 1.8253 | -0.0029 | 4.9952 | 0.0321  | 0.0466 | 0.0056  | 0.0843  |
| 275 | 8.95 | 8.93 | 3.1728 | 1.8254 | -0.0029 | 4.9954 | 0.039   | 0.0514 | 0.0071  | 0.0975  |
| 276 | 8.75 | 8.92 | 3.1722 | 1.8257 | -0.0028 | 4.9952 | 0.0417  | 0.0537 | 0.0112  | 0.1066  |
| 277 | 8.32 | 8.93 | 3.1724 | 1.8263 | -0.0028 | 4.9959 | 0.0361  | 0.0574 | 0.0135  | 0.1071  |
| 278 | 8.64 | 8.94 | 3.1725 | 1.8265 | -0.0028 | 4.9962 | 0.032   | 0.0566 | 0.0158  | 0.1044  |
| 279 | 8.76 | 8.96 | 3.1728 | 1.8266 | -0.0029 | 4.9965 | 0.0277  | 0.061  | 0.0154  | 0.104   |
| 280 | 8.52 | 9.02 | 3.1729 | 1.8265 | -0.0031 | 4.9963 | 0.0162  | 0.0669 | 0.017   | 0.1001  |
| 281 | 8.33 | 9.05 | 3.173  | 1.8265 | -0.0031 | 4.9964 | -0.0047 | 0.0744 | 0.0174  | 0.0871  |
| 282 | 8.42 | 9.09 | 3.1728 | 1.8264 | -0.0032 | 4.9961 | -0.0107 | 0.0783 | 0.0163  | 0.0839  |
| 283 | 8.59 | 9.12 | 3.1725 | 1.8262 | -0.0032 | 4.9955 | -0.0149 | 0.0909 | 0.0152  | 0.0912  |
| 284 | 8.85 | 9.18 | 3.1723 | 1.8259 | -0.0032 | 4.995  | -0.0241 | 0.0955 | 0.0144  | 0.0858  |
| 285 | 9.24 | 9.23 | 3.1721 | 1.8259 | -0.0032 | 4.9948 | -0.0281 | 0.1005 | 0.0154  | 0.0879  |
| 286 | 9.71 | 9.31 | 3.1721 | 1.8256 | -0.0032 | 4.9945 | -0.0277 | 0.1055 | 0.0169  | 0.0947  |
| 287 | 9.84 | 9.39 | 3.1727 | 1.8253 | -0.0033 | 4.9947 | -0.0242 | 0.1086 | 0.0136  | 0.098   |

|     |      |      |        |        |         |        |         |        |         |        |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 288 | 9.6  | 9.44 | 3.1729 | 1.8257 | -0.0035 | 4.995  | -0.0196 | 0.1078 | 0.0117  | 0.0999 |
| 289 | 10.1 | 9.45 | 3.173  | 1.8256 | -0.0036 | 4.995  | -0.0207 | 0.1046 | 0.009   | 0.093  |
| 290 | 9.89 | 9.48 | 3.173  | 1.8254 | -0.0035 | 4.9949 | -0.0322 | 0.1007 | 0.0076  | 0.076  |
| 291 | 10   | 9.53 | 3.1729 | 1.8255 | -0.0033 | 4.9951 | -0.0454 | 0.0943 | 0.008   | 0.0569 |
| 292 | 9.86 | 9.58 | 3.1729 | 1.8251 | -0.0031 | 4.995  | -0.049  | 0.0904 | 0.0075  | 0.0489 |
| 293 | 10   | 9.62 | 3.173  | 1.8245 | -0.0028 | 4.9947 | -0.0545 | 0.0874 | 0.0051  | 0.038  |
| 294 | 9.94 | 9.64 | 3.173  | 1.8244 | -0.0027 | 4.9947 | -0.0483 | 0.0827 | 0.004   | 0.0384 |
| 295 | 10.2 | 9.63 | 3.1728 | 1.8244 | -0.0025 | 4.9947 | -0.0308 | 0.0764 | 0.0016  | 0.0473 |
| 296 | 9.78 | 9.59 | 3.1726 | 1.8249 | -0.0025 | 4.9951 | -0.0089 | 0.068  | 0.0015  | 0.0606 |
| 297 | 9.6  | 9.54 | 3.1729 | 1.8253 | -0.0025 | 4.9957 | -0.0024 | 0.0664 | 0.0016  | 0.0656 |
| 298 | 9.04 | 9.51 | 3.173  | 1.8259 | -0.0025 | 4.9964 | 0.0037  | 0.0591 | 0.0011  | 0.0639 |
| 299 | 9.1  | 9.44 | 3.1738 | 1.8258 | -0.0027 | 4.997  | 0.0099  | 0.0574 | 0.0001  | 0.0674 |
| 300 | 9.14 | 9.43 | 3.1742 | 1.8257 | -0.0028 | 4.9971 | 0.0096  | 0.0621 | -0.001  | 0.0707 |
| 301 | 9.47 | 9.43 | 3.1745 | 1.8256 | -0.0029 | 4.9972 | 0.0027  | 0.0629 | -0.0002 | 0.0654 |
| 302 | 9.32 | 9.42 | 3.175  | 1.8256 | -0.0029 | 4.9977 | -0.0066 | 0.0556 | 0.0016  | 0.0506 |
| 303 | 9.27 | 9.4  | 3.1756 | 1.8255 | -0.0028 | 4.9984 | -0.0086 | 0.0529 | 0.0024  | 0.0467 |
| 304 | 9.09 | 9.38 | 3.176  | 1.8253 | -0.0026 | 4.9987 | -0.0108 | 0.0586 | 0.003   | 0.0508 |
| 305 | 8.94 | 9.36 | 3.1763 | 1.8253 | -0.0025 | 4.9991 | -0.0139 | 0.0562 | 0.0031  | 0.0453 |
| 306 | 8.79 | 9.36 | 3.1766 | 1.8253 | -0.0024 | 4.9994 | -0.0089 | 0.0534 | -0.0013 | 0.0432 |
| 307 | 9.04 | 9.37 | 3.177  | 1.8257 | -0.0022 | 5.0005 | -0.0034 | 0.0592 | -0.0019 | 0.054  |
| 308 | 8.76 | 9.43 | 3.1773 | 1.826  | -0.0022 | 5.0011 | -0.0031 | 0.0652 | -0.0037 | 0.0584 |
| 309 | 9.71 | 9.48 | 3.1775 | 1.8262 | -0.0021 | 5.0016 | -0.0044 | 0.0624 | -0.005  | 0.053  |
| 310 | 9.98 | 9.53 | 3.1773 | 1.8266 | -0.0022 | 5.0017 | -0.01   | 0.0592 | -0.005  | 0.0442 |
| 311 | 9.82 | 9.58 | 3.1773 | 1.8268 | -0.0022 | 5.0019 | -0.0169 | 0.0559 | -0.0039 | 0.0351 |
| 312 | 9.54 | 9.62 | 3.1771 | 1.8268 | -0.0022 | 5.0017 | -0.0171 | 0.0509 | -0.0038 | 0.03   |
| 313 | 9.57 | 9.66 | 3.1769 | 1.8271 | -0.0022 | 5.0017 | -0.0173 | 0.0437 | -0.0056 | 0.0208 |
| 314 | 9.86 | 9.71 | 3.1761 | 1.8274 | -0.0022 | 5.0012 | -0.0182 | 0.0449 | -0.0047 | 0.0219 |
| 315 | 9.81 | 9.76 | 3.175  | 1.8275 | -0.0022 | 5.0003 | -0.017  | 0.0453 | -0.0042 | 0.0242 |
| 316 | 9.86 | 9.83 | 3.1737 | 1.8275 | -0.0022 | 4.999  | -0.0117 | 0.0429 | -0.0043 | 0.0269 |
| 317 | 10.2 | 9.89 | 3.1728 | 1.8274 | -0.0023 | 4.9979 | -0.0053 | 0.0431 | -0.0032 | 0.0346 |
| 318 | 10   | 9.97 | 3.1718 | 1.8274 | -0.0025 | 4.9968 | -0.0093 | 0.0443 | -0.0035 | 0.0315 |
| 319 | 10.1 | 9.98 | 3.1713 | 1.8272 | -0.0024 | 4.9961 | 0.0008  | 0.0434 | -0.0029 | 0.0413 |
| 320 | 10.4 | 10   | 3.1711 | 1.8274 | -0.0025 | 4.9961 | 0.0054  | 0.0459 | -0.0029 | 0.0484 |
| 321 | 9.9  | 10   | 3.1713 | 1.8272 | -0.0025 | 4.9961 | 0.0096  | 0.0485 | -0.0052 | 0.0529 |
| 322 | 10.1 | 10.1 | 3.1709 | 1.8272 | -0.0025 | 4.9956 | 0.0075  | 0.0554 | -0.0062 | 0.0566 |
| 323 | 9.95 | 10.1 | 3.1705 | 1.8273 | -0.0026 | 4.9952 | 0.0039  | 0.0609 | -0.0039 | 0.0609 |
| 324 | 9.98 | 10.1 | 3.1701 | 1.8267 | -0.0028 | 4.994  | -0.0061 | 0.06   | -0.0028 | 0.0511 |

|     |      |      |        |        |         |        |         |        |         |        |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 325 | 10.2 | 10.2 | 3.1701 | 1.8263 | -0.0029 | 4.9935 | -0.0061 | 0.0629 | -0.0042 | 0.0526 |
| 326 | 10.2 | 10.2 | 3.1705 | 1.8259 | -0.003  | 4.9934 | -0.0095 | 0.0645 | -0.004  | 0.051  |
| 327 | 10.3 | 10.2 | 3.1706 | 1.8258 | -0.0032 | 4.9932 | -0.0188 | 0.0644 | -0.0039 | 0.0417 |
| 328 | 9.79 | 10.2 | 3.1708 | 1.8258 | -0.0034 | 4.9931 | -0.02   | 0.065  | -0.0056 | 0.0394 |
| 329 | 10.8 | 10.2 | 3.1711 | 1.8256 | -0.0035 | 4.9931 | -0.0218 | 0.0623 | -0.0047 | 0.0358 |
| 330 | 9.7  | 10.2 | 3.1721 | 1.8249 | -0.0035 | 4.9936 | -0.0213 | 0.059  | -0.0044 | 0.0333 |
| 331 | 10.4 | 10.2 | 3.1727 | 1.8245 | -0.0035 | 4.9936 | -0.0225 | 0.0539 | -0.0038 | 0.0277 |
| 332 | 10.9 | 10.2 | 3.1731 | 1.8234 | -0.0035 | 4.993  | -0.0216 | 0.0524 | -0.003  | 0.0278 |
| 333 | 10.1 | 10.2 | 3.1735 | 1.8231 | -0.0035 | 4.993  | -0.0144 | 0.0535 | -0.0028 | 0.0363 |
| 334 | 10.4 | 10.2 | 3.1736 | 1.8225 | -0.0036 | 4.9925 | -0.004  | 0.052  | -0.0012 | 0.0468 |
| 335 | 10.4 | 10.1 | 3.1739 | 1.8219 | -0.0036 | 4.9922 | -0.0003 | 0.0515 | 0.0019  | 0.053  |
| 336 | 10.4 | 10.1 | 3.174  | 1.8216 | -0.0034 | 4.9922 | 0.0032  | 0.0541 | 0.0051  | 0.0624 |
| 337 | 10.6 | 10   | 3.1742 | 1.8216 | -0.0033 | 4.9926 | 0.0038  | 0.0569 | 0.0073  | 0.068  |
| 338 | 9.96 | 9.97 | 3.1746 | 1.8217 | -0.0031 | 4.9931 | 0.0082  | 0.0596 | 0.0088  | 0.0766 |
| 339 | 10.1 | 9.87 | 3.175  | 1.8216 | -0.0031 | 4.9934 | 0.0128  | 0.0723 | 0.0056  | 0.0907 |
| 340 | 9.67 | 9.81 | 3.1759 | 1.8216 | -0.0032 | 4.9943 | 0.0188  | 0.0789 | 0.0034  | 0.1011 |
| 341 | 9.84 | 9.72 | 3.1761 | 1.8214 | -0.0031 | 4.9944 | 0.0225  | 0.0815 | 0.0024  | 0.1064 |
| 342 | 9.59 | 9.6  | 3.1763 | 1.8215 | -0.0029 | 4.9949 | 0.0228  | 0.0835 | 0.0033  | 0.1096 |
| 343 | 9.79 | 9.51 | 3.1764 | 1.8217 | -0.0027 | 4.9955 | 0.0223  | 0.0787 | 0.0077  | 0.1087 |
| 344 | 9.46 | 9.45 | 3.1761 | 1.8222 | -0.0025 | 4.9958 | 0.0218  | 0.0766 | 0.0113  | 0.1097 |
| 345 | 9.1  | 9.42 | 3.1756 | 1.8227 | -0.0024 | 4.9959 | 0.0197  | 0.076  | 0.0126  | 0.1083 |
| 346 | 9.11 | 9.4  | 3.1754 | 1.8228 | -0.0026 | 4.9956 | 0.0175  | 0.0732 | 0.0136  | 0.1042 |
| 347 | 9.24 | 9.39 | 3.1752 | 1.8226 | -0.0025 | 4.9953 | 0.0234  | 0.082  | 0.0119  | 0.1173 |
| 348 | 8.86 | 9.4  | 3.175  | 1.8228 | -0.0026 | 4.9952 | 0.0276  | 0.0861 | 0.0102  | 0.1239 |
| 349 | 8.7  | 9.39 | 3.1749 | 1.8225 | -0.0027 | 4.9947 | 0.0266  | 0.0919 | 0.0128  | 0.1312 |
| 350 | 8.58 | 9.42 | 3.1751 | 1.8223 | -0.0029 | 4.9945 | 0.0327  | 0.0879 | 0.0142  | 0.1348 |
| 351 | 8.5  | 9.44 | 3.1755 | 1.8221 | -0.003  | 4.9946 | 0.0382  | 0.0852 | 0.0134  | 0.1368 |
| 352 | 8.51 | 9.49 | 3.1757 | 1.8219 | -0.0031 | 4.9945 | 0.0414  | 0.0837 | 0.013   | 0.1381 |
| 353 | 9.2  | 9.49 | 3.176  | 1.8216 | -0.0032 | 4.9944 | 0.0487  | 0.0872 | 0.015   | 0.1509 |
| 354 | 9.81 | 9.51 | 3.1758 | 1.8214 | -0.0031 | 4.994  | 0.0547  | 0.0903 | 0.0158  | 0.1608 |
| 355 | 10.1 | 9.53 | 3.1752 | 1.8215 | -0.0029 | 4.9938 | 0.0605  | 0.09   | 0.0142  | 0.1647 |
| 356 | 10.2 | 9.59 | 3.1746 | 1.8213 | -0.0027 | 4.9932 | 0.0675  | 0.097  | 0.0121  | 0.1766 |
| 357 | 10.2 | 9.63 | 3.1745 | 1.8212 | -0.0025 | 4.9931 | 0.0744  | 0.0944 | 0.0099  | 0.1787 |
| 358 | 9.9  | 9.69 | 3.1743 | 1.8214 | -0.0025 | 4.9932 | 0.0779  | 0.0942 | 0.0108  | 0.183  |
| 359 | 10.2 | 9.75 | 3.1745 | 1.8217 | -0.0026 | 4.9936 | 0.0701  | 0.0936 | 0.0127  | 0.1764 |
| 360 | 10.4 | 9.81 | 3.1748 | 1.822  | -0.0028 | 4.9941 | 0.0592  | 0.087  | 0.0122  | 0.1584 |
| 361 | 10.5 | 9.92 | 3.1748 | 1.8222 | -0.0029 | 4.9941 | 0.0494  | 0.0908 | 0.012   | 0.1521 |

|     |      |      |        |        |         |        |         |        |         |        |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 362 | 9.8  | 10   | 3.1749 | 1.8226 | -0.0029 | 4.9946 | 0.0425  | 0.0942 | 0.0107  | 0.1474 |
| 363 | 9.68 | 10.1 | 3.1749 | 1.8223 | -0.0031 | 4.9941 | 0.0368  | 0.0957 | 0.0095  | 0.142  |
| 364 | 9.62 | 10.1 | 3.1745 | 1.822  | -0.0031 | 4.9935 | 0.0317  | 0.103  | 0.0106  | 0.1453 |
| 365 | 10.2 | 10.2 | 3.1737 | 1.822  | -0.0031 | 4.9926 | 0.0195  | 0.1102 | 0.011   | 0.1407 |
| 366 | 9.95 | 10.1 | 3.1731 | 1.8217 | -0.0031 | 4.9918 | 0.0017  | 0.1126 | 0.0118  | 0.1261 |
| 367 | 9.95 | 10.1 | 3.173  | 1.8216 | -0.0032 | 4.9914 | -0.0165 | 0.1123 | 0.0093  | 0.1051 |
| 368 | 9.86 | 10.2 | 3.1727 | 1.8215 | -0.0032 | 4.9909 | -0.0274 | 0.1092 | 0.0082  | 0.09   |
| 369 | 9.83 | 10.1 | 3.1723 | 1.8211 | -0.0032 | 4.9902 | -0.0375 | 0.108  | 0.0093  | 0.0798 |
| 370 | 10.6 | 10.1 | 3.1718 | 1.8206 | -0.003  | 4.9894 | -0.0405 | 0.1073 | 0.0096  | 0.0764 |
| 371 | 10.4 | 10.1 | 3.172  | 1.8196 | -0.0028 | 4.9887 | -0.0453 | 0.1114 | 0.0073  | 0.0733 |
| 372 | 10.6 | 10.1 | 3.1724 | 1.8192 | -0.0029 | 4.9887 | -0.0446 | 0.1116 | 0.0076  | 0.0746 |
| 373 | 10.6 | 10.1 | 3.1733 | 1.819  | -0.0028 | 4.9896 | -0.0503 | 0.1141 | 0.0065  | 0.0703 |
| 374 | 10.4 | 10   | 3.1734 | 1.819  | -0.0025 | 4.99   | -0.0571 | 0.1169 | 0.0059  | 0.0657 |
| 375 | 10.1 | 10   | 3.1738 | 1.819  | -0.0025 | 4.9903 | -0.0623 | 0.1127 | 0.0035  | 0.0539 |
| 376 | 10.2 | 10   | 3.1741 | 1.8193 | -0.0024 | 4.991  | -0.0666 | 0.1102 | 0.0013  | 0.0449 |
| 377 | 10.2 | 9.97 | 3.1744 | 1.8198 | -0.0022 | 4.9919 | -0.0666 | 0.1043 | -0.0011 | 0.0366 |
| 378 | 9.87 | 9.95 | 3.1747 | 1.8203 | -0.0023 | 4.9926 | -0.066  | 0.1037 | -0.0026 | 0.0351 |
| 379 | 9.83 | 9.95 | 3.175  | 1.8207 | -0.0025 | 4.9931 | -0.0662 | 0.1004 | -0.002  | 0.0322 |
| 380 | 10.1 | 9.92 | 3.1752 | 1.8211 | -0.0027 | 4.9935 | -0.0632 | 0.1001 | -0.0029 | 0.034  |
| 381 | 9.58 | 9.9  | 3.1752 | 1.8213 | -0.0028 | 4.9936 | -0.0495 | 0.0922 | -0.0008 | 0.0419 |
| 382 | 9.41 | 9.86 | 3.1742 | 1.8211 | -0.0029 | 4.9924 | -0.0424 | 0.09   | 0.0014  | 0.049  |
| 383 | 8.96 | 9.83 | 3.1729 | 1.821  | -0.0031 | 4.9908 | -0.0382 | 0.0792 | 0.0039  | 0.0449 |
| 384 | 9.88 | 9.84 | 3.1723 | 1.8208 | -0.0034 | 4.9897 | -0.0353 | 0.0774 | 0.0061  | 0.0482 |
| 385 | 9.89 | 9.88 | 3.1718 | 1.8205 | -0.0037 | 4.9886 | -0.0339 | 0.072  | 0.0061  | 0.0441 |
| 386 | 9.25 | 9.88 | 3.1717 | 1.8199 | -0.0039 | 4.9877 | -0.0304 | 0.0694 | 0.007   | 0.046  |
| 387 | 9.5  | 9.89 | 3.1719 | 1.8193 | -0.0042 | 4.987  | -0.0308 | 0.0704 | 0.0092  | 0.0488 |
| 388 | 9.68 | 9.94 | 3.1716 | 1.8184 | -0.0041 | 4.986  | -0.0304 | 0.0733 | 0.01    | 0.0529 |
| 389 | 10   | 9.94 | 3.1711 | 1.8177 | -0.0039 | 4.9849 | -0.0268 | 0.0757 | 0.0107  | 0.0597 |
| 390 | 10.1 | 9.89 | 3.1707 | 1.8173 | -0.0037 | 4.9843 | -0.0242 | 0.0789 | 0.012   | 0.0667 |
| 391 | 9.76 | 9.89 | 3.1706 | 1.8172 | -0.0037 | 4.9841 | -0.0148 | 0.0838 | 0.0111  | 0.0801 |
| 392 | 10.1 | 9.91 | 3.1707 | 1.8173 | -0.0038 | 4.9841 | -0.0076 | 0.0785 | 0.0133  | 0.0842 |
| 393 | 10.5 | 9.94 | 3.1708 | 1.8169 | -0.004  | 4.9837 | -0.004  | 0.0807 | 0.0162  | 0.0929 |
| 394 | 10.9 | 9.93 | 3.1711 | 1.8168 | -0.004  | 4.9838 | -0.0002 | 0.0785 | 0.0178  | 0.0961 |
| 395 | 10.1 | 9.9  | 3.1711 | 1.817  | -0.0039 | 4.9842 | -0.0016 | 0.0859 | 0.0204  | 0.1047 |
| 396 | 10.4 | 9.91 | 3.1703 | 1.8168 | -0.0037 | 4.9833 | -0.0045 | 0.0945 | 0.02    | 0.11   |
| 397 | 10.8 | 9.88 | 3.1701 | 1.8167 | -0.0035 | 4.9833 | -0.0059 | 0.0964 | 0.0184  | 0.1089 |
| 398 | 9.83 | 9.85 | 3.1704 | 1.8167 | -0.0038 | 4.9833 | -0.008  | 0.0981 | 0.018   | 0.1081 |

|     |      |      |        |        |         |        |         |        |        |        |
|-----|------|------|--------|--------|---------|--------|---------|--------|--------|--------|
| 399 | 9.2  | 9.83 | 3.1706 | 1.8171 | -0.0041 | 4.9835 | -0.0143 | 0.1012 | 0.0165 | 0.1033 |
| 400 | 9.52 | 9.81 | 3.1704 | 1.8172 | -0.0042 | 4.9835 | -0.0142 | 0.0996 | 0.0152 | 0.1006 |
| 401 | 9.73 | 9.83 | 3.1704 | 1.8173 | -0.0042 | 4.9834 | -0.0073 | 0.104  | 0.0122 | 0.1089 |
| 402 | 9.65 | 9.83 | 3.1701 | 1.8169 | -0.0044 | 4.9826 | 0.0029  | 0.1063 | 0.009  | 0.1181 |
| 403 | 9.56 | 9.83 | 3.1702 | 1.8165 | -0.0043 | 4.9823 | 0.0026  | 0.1082 | 0.0077 | 0.1186 |
| 404 | 9.42 | 9.76 | 3.17   | 1.8163 | -0.0041 | 4.9822 | 0.0016  | 0.1077 | 0.0062 | 0.1156 |
| 405 | 9.35 | 9.72 | 3.1696 | 1.8157 | -0.0037 | 4.9815 | -0.003  | 0.1075 | 0.0078 | 0.1123 |
| 406 | 8.99 | 9.7  | 3.1691 | 1.8158 | -0.0034 | 4.9815 | -0.015  | 0.1098 | 0.0103 | 0.1052 |
| 407 | 9.16 | 9.64 | 3.1692 | 1.8163 | -0.0033 | 4.9822 | -0.0282 | 0.1063 | 0.0119 | 0.0899 |
| 408 | 9.57 | 9.63 | 3.1703 | 1.8167 | -0.0035 | 4.9835 | -0.037  | 0.105  | 0.0135 | 0.0816 |
| 409 | 9.78 | 9.67 | 3.1716 | 1.8175 | -0.0033 | 4.9857 | -0.0448 | 0.1046 | 0.0147 | 0.0745 |
| 410 | 10.1 | 9.67 | 3.1724 | 1.8175 | -0.0034 | 4.9865 | -0.0406 | 0.1122 | 0.0143 | 0.0859 |
| 411 | 10.2 | 9.68 | 3.173  | 1.8174 | -0.0033 | 4.9872 | -0.0381 | 0.1175 | 0.0124 | 0.0917 |
| 412 | 10.4 | 9.68 | 3.1735 | 1.8172 | -0.0032 | 4.9876 | -0.0408 | 0.1245 | 0.0111 | 0.0948 |
| 413 | 9.72 | 9.69 | 3.1737 | 1.8168 | -0.0033 | 4.9872 | -0.043  | 0.1269 | 0.01   | 0.0938 |
| 414 | 9.38 | 9.7  | 3.1741 | 1.8163 | -0.0033 | 4.9872 | -0.0425 | 0.1216 | 0.0081 | 0.0873 |
| 415 | 9.88 | 9.72 | 3.1748 | 1.8162 | -0.0034 | 4.9877 | -0.0417 | 0.119  | 0.009  | 0.0863 |
| 416 | 9.66 | 9.76 | 3.1754 | 1.8162 | -0.0031 | 4.9885 | -0.0498 | 0.1194 | 0.0096 | 0.0793 |
| 417 | 9.74 | 9.8  | 3.1755 | 1.8164 | -0.0031 | 4.9888 | -0.0539 | 0.1218 | 0.0107 | 0.0785 |
| 418 | 9.97 | 9.83 | 3.1756 | 1.8166 | -0.0034 | 4.9888 | -0.0535 | 0.126  | 0.0105 | 0.083  |
| 419 | 9.42 | 9.85 | 3.1754 | 1.8164 | -0.0034 | 4.9884 | -0.054  | 0.1269 | 0.0105 | 0.0833 |
| 420 | 9.86 | 9.82 | 3.1757 | 1.8163 | -0.0032 | 4.9887 | -0.0522 | 0.124  | 0.0127 | 0.0846 |
| 421 | 9.76 | 9.79 | 3.1758 | 1.8161 | -0.0033 | 4.9886 | -0.0548 | 0.1231 | 0.0147 | 0.0831 |
| 422 | 9.81 | 9.75 | 3.1759 | 1.8158 | -0.0032 | 4.9886 | -0.0561 | 0.1162 | 0.0185 | 0.0786 |
| 423 | 9.55 | 9.77 | 3.1762 | 1.8156 | -0.0032 | 4.9886 | -0.0542 | 0.1171 | 0.0171 | 0.08   |
| 424 | 9.62 | 9.82 | 3.1764 | 1.8154 | -0.0031 | 4.9886 | -0.049  | 0.1172 | 0.0171 | 0.0853 |
| 425 | 9.81 | 9.85 | 3.1768 | 1.8153 | -0.003  | 4.989  | -0.0477 | 0.1211 | 0.0189 | 0.0923 |
| 426 | 9.86 | 9.88 | 3.1772 | 1.8155 | -0.0029 | 4.9897 | -0.0462 | 0.1289 | 0.0182 | 0.1009 |
| 427 | 10.3 | 9.89 | 3.1772 | 1.8155 | -0.003  | 4.9897 | -0.0464 | 0.1335 | 0.0199 | 0.107  |
| 428 | 10   | 9.88 | 3.1774 | 1.8157 | -0.0032 | 4.9899 | -0.0443 | 0.1385 | 0.022  | 0.1163 |
| 429 | 9.65 | 9.9  | 3.1774 | 1.8156 | -0.0032 | 4.9897 | -0.0417 | 0.144  | 0.0216 | 0.1239 |
| 430 | 9.56 | 9.91 | 3.1771 | 1.8157 | -0.0034 | 4.9894 | -0.0377 | 0.1497 | 0.0199 | 0.132  |
| 431 | 9.62 | 9.92 | 3.1769 | 1.8155 | -0.0036 | 4.9887 | -0.0335 | 0.152  | 0.0178 | 0.1363 |
| 432 | 10.1 | 9.93 | 3.1769 | 1.8155 | -0.0039 | 4.9885 | -0.0302 | 0.1546 | 0.0178 | 0.1421 |
| 433 | 10.3 | 9.95 | 3.177  | 1.8154 | -0.0041 | 4.9882 | -0.0387 | 0.1578 | 0.0181 | 0.1372 |
| 434 | 10.5 | 9.98 | 3.177  | 1.8153 | -0.0042 | 4.9881 | -0.0487 | 0.1591 | 0.0162 | 0.1267 |
| 435 | 10.3 | 10   | 3.1769 | 1.815  | -0.0043 | 4.9876 | -0.0518 | 0.1633 | 0.0119 | 0.1233 |

|     |      |      |        |        |         |        |         |        |         |        |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 436 | 9.86 | 9.99 | 3.1771 | 1.8145 | -0.0043 | 4.9873 | -0.0575 | 0.1646 | 0.0054  | 0.1125 |
| 437 | 9.69 | 9.95 | 3.1773 | 1.8143 | -0.0043 | 4.9873 | -0.0621 | 0.1635 | 0.0001  | 0.1016 |
| 438 | 9.89 | 9.93 | 3.1773 | 1.8141 | -0.0042 | 4.9872 | -0.0659 | 0.1615 | -0.0038 | 0.0918 |
| 439 | 10.1 | 9.93 | 3.1774 | 1.8137 | -0.0043 | 4.9868 | -0.073  | 0.1547 | -0.0032 | 0.0785 |
| 440 | 9.85 | 9.94 | 3.1774 | 1.8133 | -0.0043 | 4.9863 | -0.0814 | 0.148  | -0.0044 | 0.0623 |
| 441 | 10.1 | 9.97 | 3.1769 | 1.8135 | -0.0044 | 4.986  | -0.0875 | 0.1441 | -0.0066 | 0.0501 |
| 442 | 9.95 | 9.96 | 3.1767 | 1.8134 | -0.0045 | 4.9856 | -0.0917 | 0.146  | -0.009  | 0.0453 |
| 443 | 10.1 | 9.98 | 3.1765 | 1.8139 | -0.0045 | 4.9858 | -0.0923 | 0.1488 | -0.0129 | 0.0436 |
| 444 | 10.2 | 9.98 | 3.1762 | 1.8136 | -0.0045 | 4.9854 | -0.088  | 0.1425 | -0.0148 | 0.0397 |
| 445 | 9.79 | 9.97 | 3.1761 | 1.8133 | -0.0044 | 4.9849 | -0.0752 | 0.1439 | -0.016  | 0.0527 |
| 446 | 9.51 | 9.97 | 3.176  | 1.8131 | -0.0044 | 4.9847 | -0.0704 | 0.1431 | -0.015  | 0.0578 |
| 447 | 9.52 | 10   | 3.176  | 1.8128 | -0.0043 | 4.9845 | -0.0743 | 0.1432 | -0.0119 | 0.057  |
| 448 | 9.78 | 10   | 3.1764 | 1.8127 | -0.0042 | 4.9848 | -0.0813 | 0.1443 | -0.0097 | 0.0533 |
| 449 | 9.78 | 10   | 3.1763 | 1.8126 | -0.0042 | 4.9847 | -0.0791 | 0.1451 | -0.0102 | 0.0558 |
| 450 | 10.2 | 10   | 3.1758 | 1.8119 | -0.0041 | 4.9836 | -0.0761 | 0.1494 | -0.0119 | 0.0614 |
| 451 | 9.86 | 10   | 3.1752 | 1.8115 | -0.0039 | 4.9828 | -0.0788 | 0.1506 | -0.0116 | 0.0602 |
| 452 | 10.7 | 10.1 | 3.1755 | 1.8111 | -0.0039 | 4.9827 | -0.0783 | 0.1483 | -0.012  | 0.0579 |
| 453 | 10.5 | 10.1 | 3.1758 | 1.8108 | -0.0038 | 4.9828 | -0.0736 | 0.1432 | -0.013  | 0.0567 |
| 454 | 10.1 | 10.2 | 3.1761 | 1.8107 | -0.0039 | 4.9828 | -0.0665 | 0.1357 | -0.0123 | 0.0569 |
| 455 | 10   | 10.2 | 3.1767 | 1.8105 | -0.0039 | 4.9833 | -0.055  | 0.1307 | -0.0104 | 0.0653 |
| 456 | 10.1 | 10.3 | 3.1774 | 1.8107 | -0.0039 | 4.9842 | -0.0412 | 0.1205 | -0.0082 | 0.0711 |
| 457 | 10.5 | 10.3 | 3.1781 | 1.8107 | -0.0039 | 4.985  | -0.0392 | 0.1219 | -0.0079 | 0.0748 |
| 458 | 10   | 10.4 | 3.1787 | 1.8109 | -0.004  | 4.9857 | -0.0289 | 0.1281 | -0.009  | 0.0901 |
| 459 | 9.75 | 10.5 | 3.1785 | 1.8105 | -0.004  | 4.985  | -0.0143 | 0.1324 | -0.0086 | 0.1095 |
| 460 | 10.6 | 10.5 | 3.1787 | 1.8103 | -0.004  | 4.9849 | -0.0056 | 0.1437 | -0.0039 | 0.1342 |
| 461 | 10.7 | 10.6 | 3.1789 | 1.8098 | -0.004  | 4.9847 | -0.0105 | 0.148  | -0.0018 | 0.1358 |
| 462 | 10.8 | 10.6 | 3.1792 | 1.81   | -0.0039 | 4.9853 | -0.0209 | 0.148  | 0.0003  | 0.1274 |
| 463 | 10.9 | 10.6 | 3.1791 | 1.8101 | -0.0039 | 4.9854 | -0.0264 | 0.146  | 0.0018  | 0.1214 |
| 464 | 10.5 | 10.6 | 3.1787 | 1.8101 | -0.004  | 4.9848 | -0.0276 | 0.1462 | 0.0038  | 0.1224 |
| 465 | 10.6 | 10.7 | 3.1787 | 1.8101 | -0.004  | 4.9847 | -0.0257 | 0.1497 | 0.0075  | 0.1314 |
| 466 | 10.8 | 10.7 | 3.1785 | 1.8096 | -0.0041 | 4.9839 | -0.0203 | 0.1597 | 0.0055  | 0.1449 |
| 467 | 11.2 | 10.8 | 3.1783 | 1.809  | -0.0042 | 4.9831 | -0.0142 | 0.1669 | 0.0054  | 0.1581 |
| 468 | 11.3 | 10.8 | 3.1781 | 1.8088 | -0.0043 | 4.9826 | -0.0141 | 0.1679 | 0.005   | 0.1588 |
| 469 | 11.2 | 10.9 | 3.1776 | 1.8087 | -0.0045 | 4.9817 | -0.0143 | 0.1719 | 0.0036  | 0.1612 |
| 470 | 10.5 | 10.9 | 3.1773 | 1.8083 | -0.0045 | 4.9811 | -0.019  | 0.1759 | 0.0044  | 0.1613 |
| 471 | 11   | 11   | 3.1776 | 1.808  | -0.0047 | 4.9809 | -0.0183 | 0.1764 | 0.0057  | 0.1638 |
| 472 | 11   | 11   | 3.1778 | 1.8075 | -0.0046 | 4.9807 | -0.0309 | 0.1743 | 0.0054  | 0.1488 |

|     |      |      |        |        |         |        |         |        |         |        |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 473 | 10.5 | 11   | 3.1782 | 1.8073 | -0.0045 | 4.981  | -0.0266 | 0.1758 | 0.0064  | 0.1555 |
| 474 | 11.1 | 11   | 3.1782 | 1.8069 | -0.0044 | 4.9808 | -0.0242 | 0.1759 | 0.0049  | 0.1567 |
| 475 | 10.9 | 11.1 | 3.1784 | 1.8061 | -0.0043 | 4.9802 | -0.0221 | 0.1758 | 0.0022  | 0.1559 |
| 476 | 11.3 | 11.1 | 3.1787 | 1.806  | -0.0044 | 4.9803 | -0.0079 | 0.1719 | 0.0008  | 0.1648 |
| 477 | 10.7 | 11   | 3.1788 | 1.8059 | -0.0044 | 4.9803 | 0.0035  | 0.1763 | -0.0002 | 0.1796 |
| 478 | 10.7 | 11   | 3.1789 | 1.8059 | -0.0045 | 4.9802 | 0.0092  | 0.1757 | 0       | 0.1849 |
| 479 | 11.6 | 11.1 | 3.1787 | 1.8057 | -0.0045 | 4.9799 | 0.0204  | 0.1758 | 0.0007  | 0.1968 |
| 480 | 11.6 | 11.1 | 3.1785 | 1.8059 | -0.0045 | 4.9799 | 0.0281  | 0.1696 | 0.002   | 0.1997 |
| 481 | 11.5 | 11.1 | 3.1782 | 1.8058 | -0.0046 | 4.9794 | 0.0182  | 0.1724 | 0.0004  | 0.191  |
| 482 | 11.2 | 11.1 | 3.1781 | 1.8053 | -0.0047 | 4.9787 | 0.0063  | 0.18   | -0.0007 | 0.1856 |
| 483 | 10.7 | 11.1 | 3.1778 | 1.8051 | -0.0047 | 4.9782 | 0.0059  | 0.1811 | -0.0037 | 0.1832 |
| 484 | 11.2 | 11.2 | 3.1775 | 1.8044 | -0.0046 | 4.9773 | 0.0019  | 0.1815 | -0.0047 | 0.1788 |
| 485 | 11.2 | 11.2 | 3.1775 | 1.8041 | -0.0043 | 4.9774 | -0.0044 | 0.1842 | -0.0055 | 0.1743 |
| 486 | 10.7 | 11.2 | 3.1779 | 1.8035 | -0.0039 | 4.9775 | -0.0094 | 0.1858 | -0.0079 | 0.1685 |
| 487 | 11.2 | 11.2 | 3.1785 | 1.8031 | -0.0038 | 4.9778 | -0.0088 | 0.1821 | -0.007  | 0.1662 |
| 488 | 11.4 | 11.2 | 3.1789 | 1.803  | -0.0038 | 4.9781 | -0.0022 | 0.1813 | -0.0081 | 0.1711 |
| 489 | 11.3 | 11.1 | 3.1793 | 1.8029 | -0.0035 | 4.9787 | 0.0074  | 0.1787 | -0.0079 | 0.1781 |
| 490 | 11.2 | 11.1 | 3.1795 | 1.8029 | -0.003  | 4.9793 | 0.015   | 0.1764 | -0.0077 | 0.1838 |
| 491 | 11   | 11   | 3.1798 | 1.8026 | -0.0028 | 4.9796 | 0.0167  | 0.1725 | -0.006  | 0.1831 |
| 492 | 11   | 11   | 3.1799 | 1.8024 | -0.0025 | 4.9797 | 0.008   | 0.1744 | -0.0043 | 0.1781 |
| 493 | 11.6 | 11   | 3.1796 | 1.8026 | -0.0025 | 4.9797 | -0.0012 | 0.1773 | -0.003  | 0.1732 |
| 494 | 11   | 11   | 3.1786 | 1.8024 | -0.0024 | 4.9785 | -0.0061 | 0.1837 | -0.0008 | 0.1768 |
| 495 | 11.3 | 11   | 3.1781 | 1.8027 | -0.0024 | 4.9784 | -0.0104 | 0.1814 | 0       | 0.171  |
| 496 | 11   | 11   | 3.1777 | 1.8024 | -0.0025 | 4.9776 | -0.0105 | 0.1844 | 0.0012  | 0.1751 |
| 497 | 10.6 | 10.9 | 3.1783 | 1.8023 | -0.0026 | 4.978  | -0.0126 | 0.1905 | 0.0036  | 0.1815 |
| 498 | 10.7 | 10.9 | 3.1783 | 1.8021 | -0.0028 | 4.9777 | -0.0118 | 0.1912 | 0.0056  | 0.185  |
| 499 | 10.6 | 10.9 | 3.1782 | 1.8021 | -0.0029 | 4.9773 | -0.0116 | 0.1947 | 0.0049  | 0.188  |
| 500 | 10.7 | 10.8 | 3.1783 | 1.8021 | -0.003  | 4.9774 | -0.0108 | 0.1971 | 0.005   | 0.1914 |
| 501 | 10.9 | 10.8 | 3.1782 | 1.8024 | -0.003  | 4.9776 | -0.0178 | 0.1932 | 0.004   | 0.1795 |
| 502 | 10.9 | 10.8 | 3.1775 | 1.8025 | -0.0031 | 4.9769 | -0.0216 | 0.1898 | 0.0073  | 0.1755 |
| 503 | 10.5 | 10.8 | 3.1768 | 1.8029 | -0.0031 | 4.9766 | -0.0177 | 0.1877 | 0.0086  | 0.1785 |
| 504 | 10.7 | 10.7 | 3.1755 | 1.8033 | -0.003  | 4.9757 | -0.0163 | 0.1908 | 0.006   | 0.1805 |
| 505 | 10.8 | 10.7 | 3.1737 | 1.8036 | -0.0029 | 4.9744 | -0.0147 | 0.1937 | 0.0027  | 0.1817 |
| 506 | 10.5 | 10.6 | 3.173  | 1.8036 | -0.0026 | 4.9741 | -0.0067 | 0.1954 | 0.0024  | 0.1911 |
| 507 | 11.1 | 10.7 | 3.1721 | 1.8035 | -0.0024 | 4.9732 | 0.0005  | 0.195  | 0.003   | 0.1986 |
| 508 | 10.7 | 10.7 | 3.1717 | 1.8034 | -0.0026 | 4.9725 | 0.0054  | 0.1951 | 0.003   | 0.2035 |
| 509 | 10.4 | 10.7 | 3.1721 | 1.8031 | -0.0029 | 4.9723 | 0.011   | 0.1993 | 0.0017  | 0.2119 |

|     |      |      |        |        |         |        |         |        |         |        |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 510 | 10.9 | 10.7 | 3.1734 | 1.8027 | -0.0032 | 4.9729 | 0.007   | 0.1963 | -0.0003 | 0.2036 |
| 511 | 10.7 | 10.6 | 3.1751 | 1.8026 | -0.0033 | 4.9744 | 0.0005  | 0.1934 | -0.0031 | 0.1907 |
| 512 | 10.5 | 10.6 | 3.1761 | 1.8026 | -0.0033 | 4.9754 | -0.0008 | 0.1849 | -0.0057 | 0.1785 |
| 513 | 10.2 | 10.6 | 3.1765 | 1.8022 | -0.0036 | 4.975  | -0.0034 | 0.1825 | -0.005  | 0.1742 |
| 514 | 10.1 | 10.6 | 3.1767 | 1.8014 | -0.004  | 4.974  | -0.0086 | 0.184  | -0.0061 | 0.1692 |
| 515 | 10.8 | 10.5 | 3.1768 | 1.8003 | -0.0039 | 4.9732 | -0.012  | 0.185  | -0.0071 | 0.1658 |
| 516 | 10.8 | 10.5 | 3.1768 | 1.7996 | -0.0037 | 4.9727 | -0.0129 | 0.1832 | -0.0093 | 0.1609 |
| 517 | 10.8 | 10.5 | 3.1769 | 1.7997 | -0.0036 | 4.973  | -0.0111 | 0.1791 | -0.01   | 0.158  |
| 518 | 10.5 | 10.5 | 3.177  | 1.7994 | -0.0038 | 4.9727 | -0.0099 | 0.1746 | -0.0093 | 0.1554 |
| 519 | 10.6 | 10.5 | 3.1773 | 1.7988 | -0.0038 | 4.9723 | -0.0104 | 0.1757 | -0.0106 | 0.1548 |
| 520 | 10.7 | 10.5 | 3.1775 | 1.7987 | -0.0038 | 4.9723 | -0.0094 | 0.1781 | -0.0119 | 0.1569 |
| 521 | 10   | 10.5 | 3.1789 | 1.7987 | -0.0038 | 4.9737 | -0.0026 | 0.1789 | -0.0098 | 0.1665 |
| 522 | 10.6 | 10.5 | 3.1786 | 1.7982 | -0.0038 | 4.973  | 0.0047  | 0.1754 | -0.0108 | 0.1693 |
| 523 | 9.9  | 10.5 | 3.1786 | 1.798  | -0.0037 | 4.973  | 0.0014  | 0.1761 | -0.0112 | 0.1662 |
| 524 | 10.5 | 10.5 | 3.1786 | 1.7978 | -0.0034 | 4.9731 | -0.0023 | 0.1828 | -0.0142 | 0.1662 |
| 525 | 10.2 | 10.5 | 3.1776 | 1.7981 | -0.0031 | 4.9725 | -0.009  | 0.1807 | -0.0163 | 0.1554 |
| 526 | 10.7 | 10.5 | 3.1768 | 1.7979 | -0.0029 | 4.9718 | -0.001  | 0.1733 | -0.0146 | 0.1578 |
| 527 | 10.7 | 10.5 | 3.1763 | 1.7979 | -0.003  | 4.9712 | 0.0142  | 0.1765 | -0.0177 | 0.173  |
| 528 | 10.6 | 10.4 | 3.1753 | 1.7982 | -0.0033 | 4.9702 | 0.0115  | 0.1805 | -0.0223 | 0.1697 |
| 529 | 10.9 | 10.4 | 3.1746 | 1.7986 | -0.0034 | 4.9698 | 0.0066  | 0.1777 | -0.0239 | 0.1603 |
| 530 | 10.6 | 10.4 | 3.1753 | 1.7985 | -0.0035 | 4.9703 | -0.0021 | 0.1707 | -0.023  | 0.1456 |
| 531 | 10.3 | 10.4 | 3.1763 | 1.7975 | -0.0036 | 4.9702 | -0.0057 | 0.1701 | -0.0224 | 0.142  |
| 532 | 10.2 | 10.4 | 3.1763 | 1.7974 | -0.0035 | 4.9702 | -0.0084 | 0.1667 | -0.0203 | 0.1381 |
| 533 | 10.9 | 10.5 | 3.1768 | 1.7972 | -0.0037 | 4.9703 | -0.003  | 0.1646 | -0.0199 | 0.1418 |
| 534 | 10.5 | 10.5 | 3.1774 | 1.7969 | -0.0037 | 4.9706 | 0.0087  | 0.1593 | -0.0196 | 0.1483 |
| 535 | 10.3 | 10.5 | 3.1779 | 1.7964 | -0.0035 | 4.9707 | 0.0181  | 0.1513 | -0.0178 | 0.1517 |
| 536 | 10.3 | 10.5 | 3.178  | 1.7963 | -0.0036 | 4.9707 | 0.0263  | 0.1483 | -0.0145 | 0.16   |
| 537 | 9.81 | 10.5 | 3.1775 | 1.7962 | -0.0035 | 4.9702 | 0.0309  | 0.1446 | -0.0109 | 0.1646 |
| 538 | 10.7 | 10.5 | 3.1766 | 1.7962 | -0.0034 | 4.9693 | 0.0316  | 0.1441 | -0.0084 | 0.1673 |
| 539 | 10.5 | 10.5 | 3.1759 | 1.796  | -0.0035 | 4.9684 | 0.0336  | 0.1419 | -0.0069 | 0.1687 |
| 540 | 10.2 | 10.5 | 3.1757 | 1.796  | -0.0037 | 4.968  | 0.0313  | 0.1405 | -0.0039 | 0.1679 |
| 541 | 10.5 | 10.5 | 3.1761 | 1.7961 | -0.004  | 4.9681 | 0.0348  | 0.1424 | -0.0003 | 0.177  |
| 542 | 10.9 | 10.6 | 3.1768 | 1.7957 | -0.0042 | 4.9683 | 0.0433  | 0.1383 | 0.0025  | 0.1841 |
| 543 | 10.9 | 10.5 | 3.1771 | 1.7955 | -0.0044 | 4.9682 | 0.0506  | 0.1381 | 0.0018  | 0.1905 |
| 544 | 10.7 | 10.5 | 3.1773 | 1.7955 | -0.0045 | 4.9682 | 0.0562  | 0.1378 | 0.002   | 0.196  |
| 545 | 10.6 | 10.5 | 3.1771 | 1.7949 | -0.0046 | 4.9674 | 0.0406  | 0.1372 | 0.0031  | 0.1809 |
| 546 | 10.9 | 10.5 | 3.1772 | 1.7941 | -0.0048 | 4.9666 | 0.0296  | 0.143  | 0.005   | 0.1776 |

|     |      |      |        |        |         |        |         |        |         |        |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 547 | 10.7 | 10.5 | 3.1772 | 1.7937 | -0.0049 | 4.966  | 0.0179  | 0.1428 | 0.0048  | 0.1655 |
| 548 | 10.6 | 10.6 | 3.1776 | 1.7932 | -0.0047 | 4.966  | 0.0165  | 0.1435 | 0.0042  | 0.1643 |
| 549 | 10.5 | 10.6 | 3.1774 | 1.7928 | -0.0047 | 4.9656 | 0.0133  | 0.148  | 0.0047  | 0.166  |
| 550 | 10.6 | 10.6 | 3.1776 | 1.7926 | -0.0045 | 4.9656 | 0.0074  | 0.1484 | 0.0036  | 0.1594 |
| 551 | 10.4 | 10.6 | 3.1774 | 1.7925 | -0.0046 | 4.9653 | 0.004   | 0.1515 | 0.0035  | 0.159  |
| 552 | 10.3 | 10.6 | 3.1772 | 1.7923 | -0.0047 | 4.9648 | 0.0034  | 0.1568 | 0.0029  | 0.1631 |
| 553 | 10.3 | 10.5 | 3.1775 | 1.7917 | -0.0044 | 4.9648 | -0.004  | 0.1609 | 0.0014  | 0.1582 |
| 554 | 10.3 | 10.5 | 3.1775 | 1.7913 | -0.0042 | 4.9646 | -0.0081 | 0.1661 | 0.003   | 0.161  |
| 555 | 10.2 | 10.4 | 3.1774 | 1.791  | -0.0041 | 4.9642 | -0.019  | 0.1768 | 0.0055  | 0.1633 |
| 556 | 10.6 | 10.4 | 3.1774 | 1.7911 | -0.0042 | 4.9643 | -0.0356 | 0.1848 | 0.0068  | 0.1561 |
| 557 | 10.9 | 10.4 | 3.1776 | 1.7912 | -0.0042 | 4.9646 | -0.0462 | 0.1899 | 0.0113  | 0.1549 |
| 558 | 10.4 | 10.3 | 3.1776 | 1.791  | -0.0041 | 4.9645 | -0.0591 | 0.1973 | 0.0139  | 0.1521 |
| 559 | 10.6 | 10.3 | 3.1778 | 1.7909 | -0.004  | 4.9647 | -0.0648 | 0.2042 | 0.0128  | 0.1522 |
| 560 | 10.5 | 10.3 | 3.1786 | 1.7909 | -0.0037 | 4.9659 | -0.0636 | 0.2063 | 0.0125  | 0.1552 |
| 561 | 10.7 | 10.3 | 3.179  | 1.7913 | -0.0034 | 4.9668 | -0.0577 | 0.2055 | 0.0108  | 0.1586 |
| 562 | 9.96 | 10.3 | 3.1795 | 1.7917 | -0.0034 | 4.9678 | -0.0455 | 0.2145 | 0.008   | 0.177  |
| 563 | 9.8  | 10.3 | 3.18   | 1.7917 | -0.0033 | 4.9684 | -0.0296 | 0.2147 | 0.0073  | 0.1924 |
| 564 | 9.56 | 10.3 | 3.1799 | 1.7917 | -0.0033 | 4.9683 | -0.0237 | 0.2088 | 0.0011  | 0.1862 |
| 565 | 10.2 | 10.3 | 3.18   | 1.7917 | -0.0031 | 4.9686 | -0.0244 | 0.2039 | -0.0057 | 0.1738 |
| 566 | 10.1 | 10.3 | 3.1796 | 1.7916 | -0.0031 | 4.9681 | -0.0294 | 0.1918 | -0.0056 | 0.1567 |
| 567 | 10.3 | 10.3 | 3.1793 | 1.7915 | -0.0033 | 4.9676 | -0.034  | 0.1837 | -0.0037 | 0.146  |
| 568 | 10.2 | 10.3 | 3.1791 | 1.7912 | -0.0032 | 4.9671 | -0.034  | 0.1854 | -0.0026 | 0.1487 |
| 569 | 10   | 10.3 | 3.1785 | 1.7909 | -0.0033 | 4.966  | -0.037  | 0.1802 | -0.0036 | 0.1397 |
| 570 | 10.4 | 10.4 | 3.1776 | 1.7904 | -0.0035 | 4.9645 | -0.033  | 0.1724 | -0.002  | 0.1374 |
| 571 | 10.5 | 10.4 | 3.1771 | 1.7904 | -0.0036 | 4.9639 | -0.0241 | 0.1716 | 0.0006  | 0.1481 |
| 572 | 10.2 | 10.4 | 3.1777 | 1.7898 | -0.0035 | 4.964  | -0.0016 | 0.1707 | 0.0036  | 0.1726 |
| 573 | 10.2 | 10.5 | 3.1784 | 1.7891 | -0.0031 | 4.9644 | 0.0008  | 0.1679 | 0.0058  | 0.1745 |
| 574 | 10   | 10.5 | 3.1791 | 1.7888 | -0.0028 | 4.9652 | 0.0001  | 0.1635 | 0.009   | 0.1726 |
| 575 | 10.6 | 10.5 | 3.1785 | 1.7888 | -0.0029 | 4.9644 | -0.0053 | 0.1642 | 0.0116  | 0.1705 |
| 576 | 10.7 | 10.6 | 3.1773 | 1.7883 | -0.0026 | 4.963  | -0.0164 | 0.1641 | 0.0114  | 0.1591 |
| 577 | 11   | 10.6 | 3.1777 | 1.7879 | -0.0022 | 4.9633 | -0.0214 | 0.1647 | 0.0139  | 0.1572 |
| 578 | 11.5 | 10.6 | 3.1782 | 1.7881 | -0.0021 | 4.9642 | -0.0206 | 0.1663 | 0.0131  | 0.1588 |
| 579 | 11.1 | 10.7 | 3.1789 | 1.7887 | -0.0022 | 4.9654 | -0.0305 | 0.173  | 0.0115  | 0.154  |
| 580 | 10.8 | 10.7 | 3.1791 | 1.7889 | -0.0023 | 4.9657 | -0.0346 | 0.1789 | 0.0111  | 0.1554 |
| 581 | 10.7 | 10.7 | 3.179  | 1.7891 | -0.0026 | 4.9656 | -0.0197 | 0.1859 | 0.0114  | 0.1776 |
| 582 | 10.9 | 10.7 | 3.1784 | 1.7888 | -0.0027 | 4.9645 | -0.0047 | 0.1823 | 0.0103  | 0.1879 |
| 583 | 10.6 | 10.7 | 3.1769 | 1.7891 | -0.0027 | 4.9633 | -0.0038 | 0.1903 | 0.0102  | 0.1967 |

|     |      |      |        |        |         |        |         |        |         |        |
|-----|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 584 | 10.7 | 10.8 | 3.1757 | 1.7893 | -0.0028 | 4.9622 | -0.0028 | 0.1919 | 0.0054  | 0.1944 |
| 585 | 10.9 | 10.8 | 3.1749 | 1.7892 | -0.0028 | 4.9614 | -0.0159 | 0.1984 | 0.0011  | 0.1835 |
| 586 | 10.8 | 10.9 | 3.1748 | 1.7891 | -0.0029 | 4.9611 | -0.0217 | 0.2023 | 0.0004  | 0.1809 |
| 587 | 10.6 | 10.9 | 3.1753 | 1.7887 | -0.003  | 4.9611 | -0.0221 | 0.2054 | -0.002  | 0.1813 |
| 588 | 10.4 | 10.9 | 3.1756 | 1.7888 | -0.0031 | 4.9613 | -0.0286 | 0.2025 | 0.0004  | 0.1743 |
| 589 | 10.4 | 10.9 | 3.1761 | 1.7888 | -0.0031 | 4.9619 | -0.038  | 0.2047 | 0.0011  | 0.1677 |
| 590 | 11   | 10.9 | 3.176  | 1.7886 | -0.003  | 4.9616 | -0.0441 | 0.2037 | 0.002   | 0.1617 |
| 591 | 10.4 | 10.9 | 3.1755 | 1.7887 | -0.003  | 4.9612 | -0.0442 | 0.2106 | -0.0008 | 0.1656 |
| 592 | 10.9 | 10.9 | 3.1748 | 1.7886 | -0.0027 | 4.9607 | -0.0357 | 0.2112 | -0.0029 | 0.1726 |
| 593 | 11.4 | 11   | 3.174  | 1.7888 | -0.0027 | 4.9602 | -0.0234 | 0.2084 | -0.006  | 0.1789 |
| 594 | 11   | 11   | 3.1745 | 1.7886 | -0.0027 | 4.9605 | -0.0181 | 0.2073 | -0.0063 | 0.1829 |
| 595 | 11.8 | 11   | 3.1752 | 1.7884 | -0.0029 | 4.9607 | -0.013  | 0.2009 | -0.0089 | 0.179  |
| 596 | 11   | 11   | 3.1759 | 1.7882 | -0.003  | 4.9611 | -0.0123 | 0.1909 | -0.0087 | 0.1698 |
| 597 | 11   | 11   | 3.1766 | 1.7879 | -0.003  | 4.9616 | -0.0113 | 0.1833 | -0.0109 | 0.1612 |
| 598 | 11.4 | 11   | 3.177  | 1.7873 | -0.0032 | 4.9611 | -0.0072 | 0.1833 | -0.0129 | 0.1633 |
| 599 | 10.9 | 11   | 3.1774 | 1.7873 | -0.0033 | 4.9614 | -0.0007 | 0.1823 | -0.0115 | 0.1701 |
| 600 | 11.1 | 11   | 3.1779 | 1.787  | -0.0033 | 4.9616 | -0.0034 | 0.1781 | -0.0124 | 0.1623 |
| 601 | 11.1 | 11   | 3.1778 | 1.7867 | -0.0033 | 4.9613 | -0.009  | 0.1745 | -0.012  | 0.1534 |
| 602 | 11.5 | 11   | 3.1779 | 1.7865 | -0.0032 | 4.9611 | -0.0126 | 0.1715 | -0.0131 | 0.1458 |
| 603 | 11.1 | 11   | 3.1776 | 1.7863 | -0.0034 | 4.9605 | -0.0157 | 0.1656 | -0.0115 | 0.1383 |
| 604 | 10.8 | 10.9 | 3.1774 | 1.7856 | -0.0036 | 4.9594 | -0.012  | 0.1554 | -0.0058 | 0.1377 |
| 605 | 11.1 | 10.9 | 3.1772 | 1.7851 | -0.0036 | 4.9588 | 0.0059  | 0.15   | 0.0005  | 0.1564 |
| 606 | 10.9 | 10.9 | 3.1777 | 1.7847 | -0.0038 | 4.9586 | 0.0111  | 0.1466 | 0.0033  | 0.161  |
| 607 | 10.7 | 10.8 | 3.178  | 1.7837 | -0.0038 | 4.958  | 0.0147  | 0.1545 | 0.003   | 0.1722 |
| 608 | 10.2 | 10.8 | 3.1782 | 1.783  | -0.0039 | 4.9573 | 0.0211  | 0.1534 | 0.001   | 0.1756 |
| 609 | 10.7 | 10.7 | 3.1785 | 1.7825 | -0.0042 | 4.9568 | 0.0163  | 0.1599 | 0.0026  | 0.1787 |
| 610 | 10.4 | 10.7 | 3.1792 | 1.7822 | -0.0043 | 4.957  | 0.0158  | 0.1613 | 0.0027  | 0.1798 |
| 611 | 10.9 | 10.7 | 3.1797 | 1.7811 | -0.0041 | 4.9567 | 0.0137  | 0.1705 | 0.0061  | 0.1903 |
| 612 | 10.7 | 10.6 | 3.1791 | 1.7812 | -0.0041 | 4.9562 | 0.0176  | 0.1809 | 0.0082  | 0.2067 |
| 613 | 10.3 | 10.6 | 3.1788 | 1.7813 | -0.0038 | 4.9564 | 0.0308  | 0.186  | 0.007   | 0.2238 |
| 614 | 10.8 | 10.5 | 3.1791 | 1.781  | -0.0035 | 4.9566 | 0.0378  | 0.1931 | 0.0087  | 0.2396 |
| 615 | 10.4 | 10.5 | 3.1798 | 1.7811 | -0.0034 | 4.9575 | 0.0333  | 0.1945 | 0.0092  | 0.2369 |
| 616 | 10.3 | 10.5 | 3.1802 | 1.7812 | -0.0033 | 4.9581 | 0.0326  | 0.1944 | 0.0095  | 0.2365 |
| 617 | 10.5 | 10.5 | 3.1803 | 1.7811 | -0.0033 | 4.9581 | 0.0292  | 0.192  | 0.0074  | 0.2286 |
| 618 | 10.5 | 10.5 | 3.1807 | 1.7814 | -0.0034 | 4.9587 | 0.0267  | 0.1915 | 0.004   | 0.2222 |
| 619 | 10.3 | 10.5 | 3.1806 | 1.7816 | -0.0036 | 4.9586 | 0.0257  | 0.19   | 0.0033  | 0.219  |
| 620 | 10.4 | 10.4 | 3.1799 | 1.7815 | -0.0039 | 4.9575 | 0.016   | 0.1895 | 0.0002  | 0.2058 |

|     |      |      |        |        |         |        |        |         |         |        |
|-----|------|------|--------|--------|---------|--------|--------|---------|---------|--------|
| 621 | 10.5 | 10.4 | 3.1791 | 1.7816 | -0.0042 | 4.9565 | 0.0049 | 0.1775  | -0.0042 | 0.1783 |
| 622 | 10.5 | 10.4 | 3.1785 | 1.7814 | -0.0044 | 4.9556 | -0.023 | 0.1981  | -0.005  | 0.1701 |
| 623 | 10.2 | 10.3 | 3.1786 | 1.7817 | -0.0046 | 4.9557 | 0.0342 | 0.1414  | -0.0038 | 0.1718 |
| 624 | 10.4 | 10.3 | 3.1791 | 1.7814 | -0.0045 | 4.956  | 0.0566 | 0.1128  | -0.0007 | 0.1687 |
| 625 | 10.5 | 10.3 | 3.1792 | 1.7817 | -0.0042 | 4.9566 | 0.0441 | 0.132   | 0.0014  | 0.1775 |
| 626 | 10.5 | 10.3 | 3.1789 | 1.7814 | -0.0043 | 4.9561 | 0.0291 | 0.14    | -0.0005 | 0.1686 |
| 627 | 10.8 | 10.3 | 3.1783 | 1.7813 | -0.0043 | 4.9553 | 0.0188 | 0.1334  | 0.0025  | 0.1546 |
| 628 | 9.93 | 10.3 | 3.1784 | 1.7808 | -0.0044 | 4.9548 | 0.0319 | 0.1171  | 0.0064  | 0.1554 |
| 629 | 9.97 | 10.3 | 3.178  | 1.7807 | -0.0045 | 4.9542 | 0.0633 | 0.0931  | 0.0089  | 0.1653 |
| 630 | 10   | 10.3 | 3.1772 | 1.7799 | -0.0046 | 4.9525 | 0.094  | 0.095   | 0.0086  | 0.1976 |
| 631 | 9.88 | 10.3 | 3.1767 | 1.7792 | -0.0046 | 4.9514 | 0.137  | 0.0801  | 0.0098  | 0.2269 |
| 632 | 9.83 | 10.3 | 3.1767 | 1.7783 | -0.0045 | 4.9505 | 0.182  | 0.0313  | 0.0088  | 0.2221 |
| 633 | 10.4 | 10.3 | 3.1771 | 1.778  | -0.0042 | 4.9509 | 0.1908 | 0.0165  | 0.0095  | 0.2168 |
| 634 | 10.4 | 10.2 | 3.179  | 1.777  | -0.0038 | 4.9523 | 0.2006 | 0.0128  | 0.0108  | 0.2241 |
| 635 | 10.7 | 10.2 | 3.1801 | 1.7761 | -0.0035 | 4.9526 | 0.2447 | -0.0399 | 0.0116  | 0.2165 |
| 636 | 10.8 | 10.2 | 3.1802 | 1.7758 | -0.0034 | 4.9526 | 0.277  | -0.0767 | 0.012   | 0.2123 |
| 637 | 10.3 | 10.2 | 3.1804 | 1.7759 | -0.0035 | 4.9527 | 0.2668 | -0.0574 | 0.013   | 0.2223 |
| 638 | 10.1 | 10.2 | 3.1804 | 1.7757 | -0.0035 | 4.9526 | 0.2551 | -0.0412 | 0.0115  | 0.2254 |
| 639 | 10.2 | 10.2 | 3.1803 | 1.7757 | -0.0037 | 4.9522 | 0.2128 | 0.0049  | 0.0075  | 0.2251 |
| 640 | 10.2 | 10.2 | 3.1801 | 1.775  | -0.0036 | 4.9515 | 0.1944 | 0.0341  | 0.0069  | 0.2353 |
| 641 | 10.2 | 10.2 | 3.1796 | 1.7749 | -0.0037 | 4.9509 | 0.2622 | -0.0355 | 0.0054  | 0.2321 |
| 642 | 9.99 | 10.2 | 3.1791 | 1.7749 | -0.0036 | 4.9504 | 0.2318 | -0.0165 | 0.0021  | 0.2175 |
| 643 | 9.63 | 10.2 | 3.1789 | 1.7748 | -0.0038 | 4.9499 | 0.2491 | -0.042  | 0.0062  | 0.2133 |
| 644 | 10   | 10.2 | 3.1786 | 1.7754 | -0.0036 | 4.9504 | 0.3152 | -0.1132 | 0.0088  | 0.2108 |
| 645 | 10.2 | 10.2 | 3.1783 | 1.7758 | -0.0037 | 4.9504 | 0.3749 | -0.1657 | 0.0112  | 0.2204 |
| 646 | 10.4 | 10.1 | 3.1784 | 1.7758 | -0.0037 | 4.9505 | 0.4066 | -0.2087 | 0.0115  | 0.2094 |
| 647 | 10.5 | 10.1 | 3.1779 | 1.7754 | -0.0036 | 4.9497 | 0.4229 | -0.2271 | 0.0136  | 0.2094 |
| 648 | 10.2 | 10.2 | 3.1776 | 1.7749 | -0.0036 | 4.949  | 0.4574 | -0.2469 | 0.0147  | 0.2253 |
| 649 | 9.77 | 10.2 | 3.1777 | 1.775  | -0.0035 | 4.9493 | 0.5067 | -0.2999 | 0.0127  | 0.2195 |
| 650 | 10.1 | 10.2 | 3.1785 | 1.7751 | -0.0033 | 4.9503 | 0.5721 | -0.3533 | 0.0108  | 0.2296 |
| 651 | 10.4 | 10.3 | 3.1786 | 1.7754 | -0.0033 | 4.9507 | 0.5951 | -0.3728 | 0.0069  | 0.2291 |
| 652 | 10   | 10.3 | 3.1788 | 1.7758 | -0.0036 | 4.951  | 0.5799 | -0.3658 | 0.0054  | 0.2194 |
| 653 | 9.88 | 10.4 | 3.1786 | 1.7762 | -0.0038 | 4.951  | 0.5552 | -0.3579 | 0.0076  | 0.2049 |
| 654 | 10.1 | 10.5 | 3.1769 | 1.7763 | -0.0042 | 4.949  | 0.5422 | -0.3438 | 0.0052  | 0.2035 |
| 655 | 10.1 | 10.6 | 3.1762 | 1.7763 | -0.0045 | 4.9481 | 0.5377 | -0.3484 | 0.0042  | 0.1934 |
| 656 | 10.6 | 10.6 | 3.1759 | 1.7757 | -0.0045 | 4.9471 | 0.5117 | -0.3287 | 0.005   | 0.188  |
| 657 | 10.4 | 10.7 | 3.1755 | 1.7758 | -0.0043 | 4.947  | 0.4837 | -0.2776 | 0.0054  | 0.2116 |

|     |      |      |        |        |         |        |        |         |         |        |
|-----|------|------|--------|--------|---------|--------|--------|---------|---------|--------|
| 658 | 10.9 | 10.7 | 3.176  | 1.775  | -0.0044 | 4.9466 | 0.4325 | -0.2517 | 0.0041  | 0.1849 |
| 659 | 10.9 | 10.8 | 3.1762 | 1.7747 | -0.0043 | 4.9467 | 0.4133 | -0.2259 | 0.0043  | 0.1917 |
| 660 | 11   | 10.8 | 3.1772 | 1.7739 | -0.0043 | 4.9468 | 0.4107 | -0.2195 | 0.0024  | 0.1936 |
| 661 | 11.1 | 10.8 | 3.1772 | 1.7732 | -0.0043 | 4.9462 | 0.4108 | -0.2199 | 0.0024  | 0.1933 |
| 662 | 11.2 | 10.9 | 3.1765 | 1.7731 | -0.0041 | 4.9455 | 0.4282 | -0.2418 | 0.005   | 0.1914 |
| 663 | 11.4 | 10.9 | 3.1762 | 1.7724 | -0.0042 | 4.9445 | 0.4505 | -0.2716 | 0.0049  | 0.1838 |
| 664 | 11.6 | 10.9 | 3.1766 | 1.7722 | -0.0042 | 4.9446 | 0.4951 | -0.318  | 0.0086  | 0.1857 |
| 665 | 11.5 | 10.9 | 3.1767 | 1.7723 | -0.004  | 4.945  | 0.5359 | -0.3541 | 0.0109  | 0.1927 |
| 666 | 11.4 | 10.9 | 3.1767 | 1.7725 | -0.0039 | 4.9453 | 0.5642 | -0.366  | 0.0113  | 0.2095 |
| 667 | 11.4 | 11   | 3.1767 | 1.7724 | -0.0037 | 4.9454 | 0.5599 | -0.3531 | 0.0106  | 0.2174 |
| 668 | 11.2 | 11   | 3.1765 | 1.7722 | -0.0035 | 4.9452 | 0.5768 | -0.3652 | 0.0096  | 0.2212 |
| 669 | 10.6 | 11   | 3.1769 | 1.7719 | -0.0033 | 4.9455 | 0.5958 | -0.3746 | 0.009   | 0.2302 |
| 670 | 10.7 | 10.9 | 3.1771 | 1.7727 | -0.0031 | 4.9467 | 0.6119 | -0.3848 | 0.0062  | 0.2333 |
| 671 | 10.9 | 10.9 | 3.1794 | 1.7706 | -0.0031 | 4.9469 | 0.6394 | -0.3858 | 0.0043  | 0.2579 |
| 672 | 10.5 | 10.9 | 3.1742 | 1.7757 | -0.0031 | 4.9469 | 0.6495 | -0.4287 | 0.0005  | 0.2213 |
| 673 | 10.3 | 10.9 | 3.1728 | 1.7778 | -0.003  | 4.9475 | 0.6549 | -0.4615 | 0.0003  | 0.1938 |
| 674 | 10.3 | 10.9 | 3.1747 | 1.7756 | -0.0029 | 4.9475 | 0.6918 | -0.4773 | -0.0013 | 0.2132 |
| 675 | 10.2 | 10.8 | 3.1756 | 1.7748 | -0.0028 | 4.9475 | 0.6997 | -0.4803 | 0.0019  | 0.2214 |
| 676 | 11.3 | 10.7 | 3.1754 | 1.775  | -0.0029 | 4.9475 | 0.6937 | -0.4718 | 0.0058  | 0.2277 |
| 677 | 11.1 | 10.7 | 3.1745 | 1.7761 | -0.0029 | 4.9478 | 0.8005 | -0.5708 | 0.0071  | 0.2368 |
| 678 | 10.6 | 10.7 | 3.1719 | 1.7788 | -0.003  | 4.9477 | 0.8424 | -0.6073 | 0.0065  | 0.2416 |
| 679 | 10.7 | 10.7 | 3.1695 | 1.7792 | -0.0031 | 4.9456 | 0.836  | -0.6117 | 0.0043  | 0.2286 |
| 680 | 11   | 10.7 | 3.1654 | 1.7808 | -0.0032 | 4.943  | 0.8412 | -0.6183 | 0.0043  | 0.2272 |
| 681 | 10.8 | 10.7 | 3.1608 | 1.786  | -0.0034 | 4.9434 | 0.8111 | -0.5978 | 0.0044  | 0.2177 |
| 682 | 10.8 | 10.7 | 3.1593 | 1.7872 | -0.0036 | 4.9429 | 0.809  | -0.6011 | 0.005   | 0.2128 |
| 683 | 10.9 | 10.8 | 3.1569 | 1.7878 | -0.0038 | 4.9409 | 0.7897 | -0.5834 | 0.005   | 0.2113 |
| 684 | 10.4 | 10.8 | 3.1512 | 1.7933 | -0.004  | 4.9405 | 0.7806 | -0.5462 | 0.0092  | 0.2435 |
| 685 | 10.5 | 10.9 | 3.1472 | 1.7969 | -0.004  | 4.9401 | 0.7707 | -0.541  | 0.0125  | 0.2423 |
| 686 | 11   | 10.8 | 3.1482 | 1.7948 | -0.0042 | 4.9388 | 0.7586 | -0.544  | 0.0145  | 0.2291 |
| 687 | 10.5 | 10.8 | 3.1498 | 1.7929 | -0.0041 | 4.9385 | 0.7576 | -0.5469 | 0.016   | 0.2267 |
| 688 | 10.7 | 10.8 | 3.1543 | 1.7883 | -0.0038 | 4.9387 | 0.7317 | -0.5202 | 0.0156  | 0.2271 |
| 689 | 10.7 | 10.8 | 3.1567 | 1.7854 | -0.0038 | 4.9383 | 0.73   | -0.5187 | 0.0122  | 0.2235 |
| 690 | 11.3 | 10.8 | 3.1498 | 1.7922 | -0.0036 | 4.9384 | 0.6817 | -0.4707 | 0.0097  | 0.2207 |
| 691 | 10.9 | 10.8 | 3.1523 | 1.7904 | -0.0032 | 4.9394 | 0.6852 | -0.4918 | 0.0077  | 0.2011 |
| 692 | 11.2 | 10.8 | 3.1499 | 1.7928 | -0.0033 | 4.9394 | 0.6725 | -0.4823 | 0.0062  | 0.1963 |
| 693 | 11   | 10.9 | 3.1425 | 1.8002 | -0.0036 | 4.9391 | 0.7395 | -0.5456 | 0.0083  | 0.2021 |
| 694 | 10.8 | 10.9 | 3.137  | 1.8052 | -0.0038 | 4.9384 | 0.8019 | -0.6127 | 0.0083  | 0.1975 |

|     |      |      |        |        |         |        |        |         |         |        |
|-----|------|------|--------|--------|---------|--------|--------|---------|---------|--------|
| 695 | 10.8 | 10.9 | 3.1345 | 1.8093 | -0.0041 | 4.9397 | 0.809  | -0.6193 | 0.0109  | 0.2006 |
| 696 | 10.5 | 10.9 | 3.1336 | 1.8109 | -0.0043 | 4.9402 | 0.7447 | -0.5658 | 0.0093  | 0.1882 |
| 697 | 10.5 | 10.9 | 3.1309 | 1.8126 | -0.0044 | 4.939  | 0.7508 | -0.5749 | 0.007   | 0.1829 |
| 698 | 11.3 | 10.9 | 3.1263 | 1.8173 | -0.0045 | 4.9391 | 0.7768 | -0.5978 | 0.0055  | 0.1845 |
| 699 | 11   | 10.9 | 3.1202 | 1.8226 | -0.0044 | 4.9384 | 0.7472 | -0.5905 | 0.0064  | 0.1632 |
| 700 | 11.2 | 10.8 | 3.1184 | 1.8243 | -0.004  | 4.9386 | 0.7131 | -0.5562 | 0.0084  | 0.1653 |
| 701 | 11.1 | 10.8 | 3.1199 | 1.8233 | -0.0038 | 4.9394 | 0.6939 | -0.5169 | 0.0106  | 0.1876 |
| 702 | 10.9 | 10.7 | 3.1223 | 1.8223 | -0.004  | 4.9406 | 0.6699 | -0.4863 | 0.009   | 0.1927 |
| 703 | 11.1 | 10.7 | 3.1234 | 1.8207 | -0.0039 | 4.9402 | 0.6693 | -0.4747 | 0.0051  | 0.1998 |
| 704 | 10.7 | 10.7 | 3.1236 | 1.8204 | -0.004  | 4.9401 | 0.688  | -0.4887 | 0.0033  | 0.2026 |
| 705 | 10.7 | 10.7 | 3.1261 | 1.818  | -0.0041 | 4.94   | 0.6577 | -0.4896 | 0.0014  | 0.1694 |
| 706 | 10.4 | 10.6 | 3.1293 | 1.8124 | -0.0043 | 4.9374 | 0.6218 | -0.4576 | -0.0007 | 0.1635 |
| 707 | 10.5 | 10.6 | 3.1348 | 1.8089 | -0.0042 | 4.9395 | 0.6401 | -0.477  | -0.001  | 0.1621 |
| 708 | 10.4 | 10.6 | 3.1369 | 1.8056 | -0.0043 | 4.9381 | 0.6045 | -0.4417 | 0.001   | 0.1638 |
| 709 | 10.2 | 10.5 | 3.1374 | 1.8044 | -0.0044 | 4.9374 | 0.5292 | -0.3798 | -0.0008 | 0.1486 |
| 710 | 10.4 | 10.5 | 3.1381 | 1.8042 | -0.0045 | 4.9377 | 0.5242 | -0.3749 | -0.0009 | 0.1483 |
| 711 | 10.4 | 10.5 | 3.1368 | 1.8053 | -0.0046 | 4.9376 | 0.5304 | -0.3778 | -0.004  | 0.1487 |
| 712 | 10.5 | 10.4 | 3.134  | 1.8083 | -0.0046 | 4.9378 | 0.4676 | -0.3094 | -0.0035 | 0.1546 |
| 713 | 10.6 | 10.4 | 3.1293 | 1.8131 | -0.0046 | 4.9378 | 0.4437 | -0.3062 | -0.002  | 0.1354 |
| 714 | 10.2 | 10.5 | 3.1255 | 1.8164 | -0.0046 | 4.9374 | 0.4306 | -0.2985 | -0.0029 | 0.1292 |
| 715 | 10.3 | 10.5 | 3.1233 | 1.8177 | -0.0045 | 4.9365 | 0.4243 | -0.2839 | -0.0043 | 0.1361 |
| 716 | 9.97 | 10.5 | 3.1242 | 1.8165 | -0.0044 | 4.9363 | 0.4442 | -0.2958 | -0.0035 | 0.1449 |
| 717 | 10.2 | 10.5 | 3.1226 | 1.8176 | -0.0043 | 4.936  | 0.4615 | -0.303  | -0.0026 | 0.156  |
| 718 | 10.2 | 10.6 | 3.1211 | 1.8189 | -0.0043 | 4.9357 | 0.4429 | -0.2784 | -0.0021 | 0.1624 |
| 719 | 10.3 | 10.6 | 3.1194 | 1.8201 | -0.0042 | 4.9352 | 0.4075 | -0.2442 | -0.0009 | 0.1624 |
| 720 | 10.6 | 10.6 | 3.116  | 1.8201 | -0.0043 | 4.9317 | 0.42   | -0.2524 | 0.0011  | 0.1687 |
| 721 | 10.7 | 10.7 | 3.1141 | 1.8244 | -0.0042 | 4.9343 | 0.4113 | -0.2269 | 0.001   | 0.1855 |
| 722 | 10.7 | 10.7 | 3.113  | 1.8276 | -0.0044 | 4.9362 | 0.4394 | -0.2453 | -0.0006 | 0.1934 |
| 723 | 11.3 | 10.7 | 3.1094 | 1.8294 | -0.0044 | 4.9344 | 0.3569 | -0.1597 | -0.0017 | 0.1954 |
| 724 | 11.1 | 10.7 | 3.1091 | 1.8295 | -0.0047 | 4.9339 | 0.3498 | -0.1428 | -0.001  | 0.206  |
| 725 | 11.5 | 10.8 | 3.1098 | 1.8289 | -0.0048 | 4.9339 | 0.3796 | -0.1693 | -0.0007 | 0.2095 |
| 726 | 10.7 | 10.8 | 3.0989 | 1.8385 | -0.005  | 4.9324 | 0.3472 | -0.1501 | -0.0002 | 0.197  |
| 727 | 10.8 | 10.8 | 3.0941 | 1.842  | -0.0049 | 4.9311 | 0.4153 | -0.2238 | 0.0002  | 0.1917 |
| 728 | 10.9 | 10.7 | 3.0948 | 1.842  | -0.0048 | 4.932  | 0.4982 | -0.2771 | 0.0015  | 0.2225 |
| 729 | 11   | 10.7 | 3.0939 | 1.8425 | -0.0049 | 4.9315 | 0.4221 | -0.2036 | 0.001   | 0.2195 |
| 730 | 11.1 | 10.7 | 3.0961 | 1.8397 | -0.005  | 4.9307 | 0.3452 | -0.1611 | 0.0007  | 0.1849 |
| 731 | 10.8 | 10.6 | 3.0958 | 1.8393 | -0.0051 | 4.9301 | 0.321  | -0.1555 | 0.0011  | 0.1666 |

|     |      |      |        |        |         |        |        |         |         |        |
|-----|------|------|--------|--------|---------|--------|--------|---------|---------|--------|
| 732 | 10.9 | 10.7 | 3.0978 | 1.8367 | -0.005  | 4.9294 | 0.252  | -0.0725 | 0.0007  | 0.1801 |
| 733 | 10.9 | 10.7 | 3.099  | 1.8326 | -0.0051 | 4.9265 | 0.2322 | -0.0554 | -0.0022 | 0.1746 |
| 734 | 10.7 | 10.6 | 3.102  | 1.8311 | -0.0051 | 4.928  | 0.1802 | -0.0055 | -0.0055 | 0.1691 |
| 735 | 10.3 | 10.6 | 3.1042 | 1.8305 | -0.005  | 4.9297 | 0.0874 | 0.0968  | -0.0072 | 0.177  |
| 736 | 9.95 | 10.6 | 3.1044 | 1.8305 | -0.005  | 4.9299 | 0.0258 | 0.1536  | -0.0065 | 0.1729 |
| 737 | 9.79 | 10.6 | 3.1072 | 1.8279 | -0.0051 | 4.93   | 0.0696 | 0.1028  | -0.007  | 0.1654 |
| 738 | 10.1 | 10.6 | 3.1074 | 1.8276 | -0.0047 | 4.9302 | 0.109  | 0.066   | -0.0061 | 0.1689 |
| 739 | 9.53 | 10.6 | 3.1121 | 1.8227 | -0.0047 | 4.9302 | 0.1606 | 0.0162  | -0.0009 | 0.1759 |
| 740 | 10.3 | 10.6 | 3.1116 | 1.8241 | -0.0044 | 4.9314 | 0.2494 | -0.0742 | -0.0015 | 0.1738 |
| 741 | 11.2 | 10.7 | 3.1124 | 1.8232 | -0.0043 | 4.9313 | 0.2297 | -0.0585 | 0.0012  | 0.1724 |
| 742 | 10.9 | 10.7 | 3.1052 | 1.8294 | -0.0044 | 4.9301 | 0.2691 | -0.0883 | 0.0086  | 0.1893 |
| 743 | 10.6 | 10.7 | 3.0987 | 1.8361 | -0.0046 | 4.9301 | 0.2718 | -0.0924 | 0.0086  | 0.188  |
| 744 | 11   | 10.7 | 3.0977 | 1.8373 | -0.0047 | 4.9303 | 0.1172 | 0.0679  | 0.0021  | 0.1873 |
| 745 | 10.7 | 10.7 | 3.1039 | 1.8324 | -0.0046 | 4.9316 | 0.0283 | 0.1567  | -0.0012 | 0.1838 |
| 746 | 10.7 | 10.8 | 3.1033 | 1.8333 | -0.0044 | 4.9322 | 0.0954 | 0.0716  | -0.0015 | 0.1655 |
| 747 | 11.2 | 10.8 | 3.1003 | 1.8351 | -0.0042 | 4.9312 | 0.1264 | 0.0796  | -0.0032 | 0.2028 |
| 748 | 11.3 | 10.8 | 3.1029 | 1.834  | -0.0042 | 4.9327 | 0.196  | -0.0017 | -0.0025 | 0.1918 |
| 749 | 11.2 | 10.9 | 3.1064 | 1.8307 | -0.0043 | 4.9328 | 0.2797 | -0.0761 | -0.0033 | 0.2003 |
| 750 | 11.5 | 10.9 | 3.1091 | 1.8268 | -0.0044 | 4.9315 | 0.228  | -0.0346 | -0.0021 | 0.1913 |
| 751 | 11.2 | 10.9 | 3.1116 | 1.824  | -0.0042 | 4.9314 | 0.2528 | -0.0631 | 0.003   | 0.1927 |
| 752 | 11.1 | 10.9 | 3.1119 | 1.8232 | -0.0041 | 4.931  | 0.2664 | -0.0642 | 0.0047  | 0.2069 |
| 753 | 11   | 10.9 | 3.1099 | 1.8251 | -0.0042 | 4.9308 | 0.2916 | -0.0653 | 0.0013  | 0.2276 |
| 754 | 10.7 | 10.9 | 3.1112 | 1.8252 | -0.0043 | 4.9321 | 0.2137 | 0.0059  | 0.0021  | 0.2217 |
| 755 | 10.7 | 10.9 | 3.1141 | 1.8221 | -0.0044 | 4.9318 | 0.0663 | 0.1646  | 0.0007  | 0.2316 |
| 756 | 10.5 | 10.9 | 3.1119 | 1.8234 | -0.0044 | 4.9309 | 0.0454 | 0.1894  | -0.0003 | 0.2346 |
| 757 | 10.3 | 10.9 | 3.115  | 1.82   | -0.0044 | 4.9307 | 0.1766 | 0.0333  | 0.0003  | 0.2102 |
| 758 | 11   | 10.9 | 3.1231 | 1.813  | -0.0043 | 4.9318 | 0.3242 | -0.0909 | 0.0026  | 0.236  |
| 759 | 10.8 | 10.8 | 3.1238 | 1.8122 | -0.0042 | 4.9319 | 0.3616 | -0.1478 | 0.0027  | 0.2164 |
| 760 | 10.4 | 10.8 | 3.1242 | 1.8117 | -0.0039 | 4.9319 | 0.4455 | -0.2441 | 0.0017  | 0.2031 |
| 761 | 11.1 | 10.8 | 3.1304 | 1.8041 | -0.0039 | 4.9307 | 0.4581 | -0.2541 | 0.0035  | 0.2075 |
| 762 | 10.6 | 10.8 | 3.1321 | 1.8037 | -0.0039 | 4.9319 | 0.4914 | -0.2882 | 0.002   | 0.2052 |
| 763 | 10.4 | 10.8 | 3.1331 | 1.8023 | -0.0039 | 4.9316 | 0.4793 | -0.2693 | -0.0016 | 0.2084 |
| 764 | 10.5 | 10.8 | 3.1341 | 1.8006 | -0.0038 | 4.931  | 0.4188 | -0.1946 | -0.0028 | 0.2214 |
| 765 | 11.1 | 10.9 | 3.1323 | 1.8019 | -0.0037 | 4.9305 | 0.3915 | -0.1695 | 0.0005  | 0.2225 |
| 766 | 11.2 | 10.9 | 3.1306 | 1.8028 | -0.0036 | 4.9297 | 0.4561 | -0.2241 | 0.0018  | 0.2338 |
| 767 | 10.8 | 10.9 | 3.1324 | 1.8002 | -0.0035 | 4.9291 | 0.5433 | -0.3346 | 0.0018  | 0.2105 |
| 768 | 11   | 10.9 | 3.1358 | 1.7966 | -0.0034 | 4.929  | 0.5316 | -0.3247 | 0.001   | 0.2079 |

|     |      |      |        |        |         |        |         |         |         |        |
|-----|------|------|--------|--------|---------|--------|---------|---------|---------|--------|
| 769 | 11.1 | 10.9 | 3.1349 | 1.7972 | -0.0034 | 4.9286 | 0.5262  | -0.3217 | 0.0018  | 0.2064 |
| 770 | 11.3 | 11   | 3.1359 | 1.7954 | -0.0032 | 4.9281 | 0.485   | -0.2946 | 0.0034  | 0.1938 |
| 771 | 10.9 | 11   | 3.1355 | 1.7952 | -0.003  | 4.9276 | 0.4113  | -0.2592 | 0.0016  | 0.1537 |
| 772 | 11.1 | 11   | 3.1386 | 1.7917 | -0.0029 | 4.9273 | 0.3687  | -0.1935 | 0.0013  | 0.1765 |
| 773 | 10.9 | 11.1 | 3.1378 | 1.7921 | -0.0029 | 4.9269 | 0.3481  | -0.1534 | -0.0004 | 0.1944 |
| 774 | 11.4 | 11.1 | 3.1367 | 1.7926 | -0.0028 | 4.9265 | 0.2689  | -0.0862 | -0.0002 | 0.1825 |
| 775 | 11.3 | 11.2 | 3.1409 | 1.7898 | -0.0028 | 4.9278 | 0.1416  | 0.0441  | -0.0039 | 0.1818 |
| 776 | 10.8 | 11.2 | 3.1339 | 1.7973 | -0.0029 | 4.9283 | 0.1205  | 0.0685  | -0.0077 | 0.1814 |
| 777 | 11.1 | 11.2 | 3.1247 | 1.8039 | -0.003  | 4.9255 | 0.0187  | 0.1692  | -0.0125 | 0.1754 |
| 778 | 10.7 | 11.2 | 3.1297 | 1.7991 | -0.0031 | 4.9257 | -0.0148 | 0.1974  | -0.0151 | 0.1675 |
| 779 | 11   | 11.2 | 3.135  | 1.7953 | -0.0031 | 4.9271 | 0.0409  | 0.1488  | -0.0124 | 0.1773 |
| 780 | 11.1 | 11.2 | 3.1333 | 1.7964 | -0.0033 | 4.9263 | 0.0797  | 0.1272  | -0.0104 | 0.1965 |
| 781 | 11.7 | 11.2 | 3.1356 | 1.7932 | -0.0035 | 4.9254 | 0.1576  | 0.0353  | -0.0104 | 0.1825 |
| 782 | 11.4 | 11.3 | 3.1361 | 1.7927 | -0.0034 | 4.9254 | 0.1059  | 0.0651  | -0.0103 | 0.1608 |
| 783 | 11.4 | 11.3 | 3.1389 | 1.7884 | -0.0033 | 4.924  | 0.0743  | 0.099   | -0.0116 | 0.1616 |
| 784 | 11.9 | 11.3 | 3.1425 | 1.7836 | -0.0032 | 4.9228 | 0.0443  | 0.0963  | -0.0133 | 0.1274 |
| 785 | 11.6 | 11.3 | 3.1446 | 1.7816 | -0.0034 | 4.9228 | 0.0471  | 0.1052  | -0.0118 | 0.1405 |
| 786 | 11.1 | 11.3 | 3.1412 | 1.7846 | -0.0035 | 4.9223 | 0.0052  | 0.1742  | -0.0093 | 0.17   |
| 787 | 11   | 11.2 | 3.1389 | 1.7863 | -0.0035 | 4.9217 | -0.0352 | 0.2283  | -0.01   | 0.1831 |
| 788 | 11.5 | 11.3 | 3.1382 | 1.7866 | -0.0037 | 4.9212 | -0.0168 | 0.207   | -0.0108 | 0.1794 |
| 789 | 11.7 | 11.3 | 3.1317 | 1.7929 | -0.0036 | 4.921  | -0.0639 | 0.2427  | -0.0084 | 0.1704 |
| 790 | 11   | 11.3 | 3.1268 | 1.798  | -0.0037 | 4.9211 | -0.026  | 0.1938  | -0.0085 | 0.1593 |
| 791 | 11.3 | 11.2 | 3.1254 | 1.7992 | -0.0041 | 4.9205 | 0.0169  | 0.1509  | -0.005  | 0.1628 |
| 792 | 11.1 | 11.2 | 3.1227 | 1.802  | -0.0042 | 4.9205 | 0.0286  | 0.1332  | -0.0071 | 0.1546 |
| 793 | 11.4 | 11.2 | 3.1308 | 1.7934 | -0.0038 | 4.9203 | -0.1184 | 0.2714  | -0.0116 | 0.1414 |
| 794 | 11.5 | 11.1 | 3.1342 | 1.7895 | -0.0037 | 4.92   | -0.2367 | 0.392   | -0.015  | 0.1403 |
| 795 | 10.6 | 11   | 3.125  | 1.8021 | -0.0039 | 4.9232 | -0.2458 | 0.4024  | -0.0176 | 0.1389 |
| 796 | 10.6 | 11   | 3.121  | 1.8029 | -0.004  | 4.9199 | -0.1284 | 0.2962  | -0.0165 | 0.1514 |
| 797 | 11   | 10.9 | 3.1113 | 1.8128 | -0.0042 | 4.9199 | -0.0672 | 0.2407  | -0.0121 | 0.1614 |
| 798 | 11.2 | 10.9 | 3.0983 | 1.825  | -0.0042 | 4.9191 | -0.0336 | 0.1978  | -0.0086 | 0.1556 |
| 799 | 11.3 | 10.9 | 3.0974 | 1.8261 | -0.0042 | 4.9193 | 0.0223  | 0.1548  | -0.0072 | 0.1698 |
| 800 | 10.9 | 10.8 | 3.0931 | 1.8306 | -0.0043 | 4.9194 | 0.0732  | 0.1131  | -0.008  | 0.1783 |
| 801 | 10.6 | 10.8 | 3.0932 | 1.8297 | -0.0043 | 4.9187 | 0.1405  | 0.0343  | -0.0066 | 0.1682 |
| 802 | 10.7 | 10.7 | 3.0932 | 1.8288 | -0.0041 | 4.9179 | 0.186   | -0.0051 | -0.0042 | 0.1767 |
| 803 | 10.4 | 10.7 | 3.1021 | 1.8201 | -0.0041 | 4.918  | 0.2638  | -0.0853 | -0.0037 | 0.1748 |
| 804 | 10.4 | 10.7 | 3.117  | 1.804  | -0.0041 | 4.9169 | 0.3116  | -0.1157 | -0.0019 | 0.1941 |
| 805 | 10.4 | 10.7 | 3.1215 | 1.799  | -0.0041 | 4.9165 | 0.4059  | -0.2014 | -0.0008 | 0.2037 |

|     |      |      |        |        |         |        |        |         |         |        |
|-----|------|------|--------|--------|---------|--------|--------|---------|---------|--------|
| 806 | 10.2 | 10.7 | 3.1116 | 1.8091 | -0.0043 | 4.9164 | 0.5092 | -0.2943 | -0.0024 | 0.2126 |
| 807 | 10.9 | 10.7 | 3.1024 | 1.818  | -0.0045 | 4.9159 | 0.5385 | -0.3303 | -0.0022 | 0.2061 |
| 808 | 10.8 | 10.7 | 3.1007 | 1.8204 | -0.0046 | 4.9165 | 0.6082 | -0.4137 | 0.0008  | 0.1953 |
| 809 | 10.7 | 10.6 | 3.0929 | 1.8288 | -0.0046 | 4.9171 | 0.6166 | -0.4176 | 0.0044  | 0.2034 |
| 810 | 10.2 | 10.6 | 3.0923 | 1.8296 | -0.0049 | 4.917  | 0.439  | -0.2402 | 0.0048  | 0.2036 |
| 811 | 10.4 | 10.6 | 3.0877 | 1.8341 | -0.0048 | 4.917  | 0.3564 | -0.1571 | 0.0057  | 0.205  |
| 812 | 10.8 | 10.5 | 3.0861 | 1.8353 | -0.0044 | 4.917  | 0.3895 | -0.2035 | 0.0036  | 0.1896 |
| 813 | 10.9 | 10.5 | 3.0874 | 1.8326 | -0.0043 | 4.9157 | 0.4151 | -0.212  | 0.0045  | 0.2075 |
| 814 | 10.7 | 10.6 | 3.0864 | 1.8333 | -0.0046 | 4.9151 | 0.4649 | -0.269  | 0.0068  | 0.2027 |
| 815 | 10.7 | 10.5 | 3.0777 | 1.8401 | -0.0047 | 4.9132 | 0.5208 | -0.3372 | 0.0082  | 0.1918 |
| 816 | 10.7 | 10.5 | 3.0699 | 1.85   | -0.0045 | 4.9153 | 0.4834 | -0.3091 | 0.0109  | 0.1851 |
| 817 | 10.8 | 10.5 | 3.0695 | 1.8501 | -0.0044 | 4.9152 | 0.4929 | -0.3263 | 0.0117  | 0.1782 |
| 818 | 10.4 | 10.5 | 3.0685 | 1.851  | -0.0045 | 4.9151 | 0.4023 | -0.2367 | 0.0094  | 0.175  |
| 819 | 10.1 | 10.5 | 3.0709 | 1.8495 | -0.0046 | 4.9158 | 0.3928 | -0.2268 | 0.0075  | 0.1735 |
| 820 | 10.2 | 10.5 | 3.0748 | 1.846  | -0.0044 | 4.9164 | 0.3078 | -0.1423 | 0.0078  | 0.1733 |
| 821 | 10.5 | 10.5 | 3.0772 | 1.8438 | -0.0043 | 4.9167 | 0.2412 | -0.0836 | 0.0122  | 0.1697 |
| 822 | 10.4 | 10.6 | 3.0782 | 1.8429 | -0.0044 | 4.9168 | 0.1983 | -0.0394 | 0.0151  | 0.1739 |
| 823 | 10.7 | 10.5 | 3.0826 | 1.838  | -0.0044 | 4.9162 | 0.1874 | -0.0207 | 0.0137  | 0.1804 |
| 824 | 10.3 | 10.5 | 3.095  | 1.825  | -0.0043 | 4.9157 | 0.1642 | 0.0096  | 0.0124  | 0.1863 |
| 825 | 9.93 | 10.5 | 3.0978 | 1.822  | -0.0041 | 4.9157 | 0.1766 | -0.0098 | 0.0129  | 0.1796 |
| 826 | 10.4 | 10.6 | 3.097  | 1.8216 | -0.0038 | 4.9148 | 0.3062 | -0.1117 | 0.0115  | 0.2059 |
| 827 | 10.6 | 10.6 | 3.0956 | 1.8222 | -0.0034 | 4.9144 | 0.3146 | -0.0983 | 0.0125  | 0.2288 |
| 828 | 10.6 | 10.6 | 3.0907 | 1.8271 | -0.0036 | 4.9143 | 0.2869 | -0.1009 | 0.013   | 0.199  |
| 829 | 10.5 | 10.7 | 3.086  | 1.8298 | -0.0039 | 4.9119 | 0.377  | -0.1846 | 0.0113  | 0.2037 |
| 830 | 11   | 10.7 | 3.0804 | 1.8361 | -0.004  | 4.9125 | 0.433  | -0.2068 | 0.0099  | 0.2361 |
| 831 | 11.2 | 10.8 | 3.0853 | 1.8328 | -0.0041 | 4.914  | 0.4321 | -0.1975 | 0.0059  | 0.2405 |
| 832 | 10.7 | 10.8 | 3.0903 | 1.8268 | -0.0039 | 4.9132 | 0.4628 | -0.2428 | 0.0058  | 0.2258 |
| 833 | 10.6 | 10.8 | 3.0946 | 1.823  | -0.0038 | 4.9138 | 0.4613 | -0.2349 | 0.0096  | 0.2359 |
| 834 | 10.8 | 10.9 | 3.0972 | 1.8206 | -0.0039 | 4.914  | 0.6071 | -0.3991 | 0.0135  | 0.2215 |
| 835 | 11.3 | 11   | 3.1037 | 1.8131 | -0.0041 | 4.9127 | 0.721  | -0.5268 | 0.0156  | 0.2098 |
| 836 | 11.4 | 11   | 3.1079 | 1.8077 | -0.004  | 4.9116 | 0.7538 | -0.5617 | 0.0153  | 0.2075 |
| 837 | 10.7 | 11   | 3.1089 | 1.8072 | -0.004  | 4.9121 | 0.7267 | -0.5593 | 0.0125  | 0.1799 |
| 838 | 11.1 | 11.1 | 3.1137 | 1.8033 | -0.0039 | 4.9132 | 0.7224 | -0.5746 | 0.0131  | 0.1609 |
| 839 | 11.1 | 11.1 | 3.1147 | 1.8033 | -0.0039 | 4.9142 | 0.7525 | -0.6026 | 0.0121  | 0.162  |
| 840 | 11.1 | 11.2 | 3.1099 | 1.8091 | -0.0039 | 4.9151 | 0.6735 | -0.5274 | 0.0153  | 0.1614 |
| 841 | 11.4 | 11.2 | 3.1095 | 1.8099 | -0.0036 | 4.9158 | 0.5402 | -0.39   | 0.0175  | 0.1676 |
| 842 | 11.5 | 11.3 | 3.117  | 1.8023 | -0.0033 | 4.916  | 0.5493 | -0.4042 | 0.0154  | 0.1605 |

|     |      |      |        |        |         |        |         |         |         |        |
|-----|------|------|--------|--------|---------|--------|---------|---------|---------|--------|
| 843 | 11.5 | 11.3 | 3.1224 | 1.7969 | -0.0031 | 4.9161 | 0.5428  | -0.4015 | 0.0151  | 0.1564 |
| 844 | 11.1 | 11.3 | 3.1222 | 1.7971 | -0.0029 | 4.9164 | 0.5739  | -0.4341 | 0.0166  | 0.1564 |
| 845 | 11.2 | 11.3 | 3.1167 | 1.8027 | -0.003  | 4.9164 | 0.5288  | -0.3846 | 0.0148  | 0.1591 |
| 846 | 11   | 11.3 | 3.11   | 1.8092 | -0.0032 | 4.916  | 0.3928  | -0.1989 | 0.0119  | 0.2058 |
| 847 | 11.4 | 11.4 | 3.1036 | 1.8154 | -0.0033 | 4.9157 | 0.3105  | -0.1412 | 0.0107  | 0.1801 |
| 848 | 10.9 | 11.4 | 3.1007 | 1.8185 | -0.0035 | 4.9157 | 0.2228  | -0.0513 | 0.0104  | 0.1819 |
| 849 | 12.1 | 11.4 | 3.0991 | 1.8193 | -0.0035 | 4.915  | 0.1115  | 0.055   | 0.0128  | 0.1793 |
| 850 | 11.5 | 11.5 | 3.095  | 1.8234 | -0.0037 | 4.9147 | 0.0971  | 0.0722  | 0.0141  | 0.1835 |
| 851 | 12   | 11.5 | 3.093  | 1.8245 | -0.0038 | 4.9138 | 0.0728  | 0.0903  | 0.0109  | 0.1739 |
| 852 | 11.7 | 11.4 | 3.0855 | 1.8318 | -0.0037 | 4.9135 | 0.0144  | 0.1389  | 0.011   | 0.1642 |
| 853 | 11   | 11.4 | 3.0787 | 1.8366 | -0.004  | 4.9113 | -0.0427 | 0.185   | 0.0113  | 0.1535 |
| 854 | 11   | 11.4 | 3.0706 | 1.8454 | -0.0043 | 4.9117 | 0.0209  | 0.1298  | 0.0107  | 0.1614 |
| 855 | 11.5 | 11.4 | 3.0631 | 1.8515 | -0.0042 | 4.9105 | 0.1289  | -0.0553 | 0.0114  | 0.085  |
| 856 | 12.1 | 11.4 | 3.0581 | 1.8564 | -0.0042 | 4.9103 | 0.0915  | 0.0501  | 0.0082  | 0.1498 |
| 857 | 11.9 | 11.4 | 3.0542 | 1.8614 | -0.0045 | 4.9111 | -0.0395 | 0.1878  | 0.0042  | 0.1525 |
| 858 | 11.4 | 11.5 | 3.0614 | 1.8548 | -0.0048 | 4.9115 | -0.1873 | 0.3254  | -0.0013 | 0.1368 |
| 859 | 11.6 | 11.5 | 3.0799 | 1.8363 | -0.0047 | 4.9115 | -0.252  | 0.4086  | -0.0054 | 0.1512 |
| 860 | 11.2 | 11.5 | 3.0886 | 1.8274 | -0.0045 | 4.9115 | -0.3549 | 0.5029  | -0.0083 | 0.1398 |
| 861 | 10.8 | 11.4 | 3.0915 | 1.8245 | -0.0043 | 4.9117 | -0.3984 | 0.5327  | -0.0119 | 0.1224 |
| 862 | 10.9 | 11.4 | 3.0906 | 1.8249 | -0.0044 | 4.9112 | -0.4427 | 0.5643  | -0.0113 | 0.1103 |
| 863 | 11.3 | 11.3 | 3.0867 | 1.8292 | -0.0046 | 4.9113 | -0.5005 | 0.6175  | -0.0087 | 0.1083 |
| 864 | 10.9 | 11.3 | 3.0821 | 1.8343 | -0.0046 | 4.9118 | -0.4388 | 0.5398  | -0.009  | 0.092  |
| 865 | 12.1 | 11.3 | 3.0839 | 1.8328 | -0.0048 | 4.9119 | -0.3479 | 0.4429  | -0.0124 | 0.0825 |
| 866 | 11.5 | 11.3 | 3.0813 | 1.8354 | -0.0048 | 4.9119 | -0.41   | 0.4741  | -0.0143 | 0.0498 |
| 867 | 11.7 | 11.3 | 3.0921 | 1.8239 | -0.0044 | 4.9116 | -0.4932 | 0.5668  | -0.0119 | 0.0617 |
| 868 | 11.8 | 11.2 | 3.0965 | 1.8193 | -0.0042 | 4.9116 | -0.4766 | 0.5487  | -0.01   | 0.0621 |
| 869 | 11.8 | 11.2 | 3.1041 | 1.8114 | -0.0042 | 4.9113 | -0.4819 | 0.5537  | -0.0091 | 0.0627 |
| 870 | 10.6 | 11.1 | 3.1118 | 1.8037 | -0.0044 | 4.9111 | -0.4414 | 0.5244  | -0.0097 | 0.0733 |
| 871 | 10.9 | 11.1 | 3.1156 | 1.7991 | -0.0045 | 4.9102 | -0.3782 | 0.4641  | -0.0089 | 0.0771 |
| 872 | 10.8 | 11.1 | 3.1198 | 1.7938 | -0.0043 | 4.9093 | -0.3163 | 0.408   | -0.0061 | 0.0856 |
| 873 | 10.9 | 11.1 | 3.1214 | 1.7911 | -0.0041 | 4.9083 | -0.2086 | 0.3363  | -0.0043 | 0.1234 |
| 874 | 11.3 | 11.1 | 3.1191 | 1.7936 | -0.0041 | 4.9085 | -0.0736 | 0.2085  | -0.0026 | 0.1323 |
| 875 | 11.4 | 11   | 3.1102 | 1.8009 | -0.0039 | 4.9072 | 0.0866  | 0.0429  | -0.0005 | 0.1289 |
| 876 | 11.1 | 11   | 3.1024 | 1.8072 | -0.0041 | 4.9055 | 0.1819  | -0.0362 | 0.0039  | 0.1497 |
| 877 | 10.8 | 11   | 3.096  | 1.8139 | -0.0043 | 4.9056 | 0.2477  | -0.1067 | 0.0091  | 0.1502 |
| 878 | 10.5 | 11   | 3.092  | 1.8176 | -0.0042 | 4.9054 | 0.2032  | -0.0574 | 0.0152  | 0.1611 |
| 879 | 10.4 | 11   | 3.0917 | 1.816  | -0.0041 | 4.9035 | 0.1683  | -0.0149 | 0.0141  | 0.1676 |

|     |      |      |        |        |         |        |         |         |         |        |
|-----|------|------|--------|--------|---------|--------|---------|---------|---------|--------|
| 880 | 11.1 | 11   | 3.0901 | 1.8161 | -0.0039 | 4.9023 | 0.24    | -0.0971 | 0.011   | 0.1539 |
| 881 | 10.9 | 11   | 3.0893 | 1.8175 | -0.0041 | 4.9028 | 0.1238  | 0.0181  | 0.0108  | 0.1526 |
| 882 | 10.6 | 11   | 3.09   | 1.8162 | -0.0044 | 4.9018 | 0.0424  | 0.1246  | 0.0068  | 0.1737 |
| 883 | 10.4 | 11   | 3.0781 | 1.8283 | -0.0046 | 4.9018 | 0.033   | 0.1311  | 0.0039  | 0.168  |
| 884 | 11.3 | 10.9 | 3.0704 | 1.8363 | -0.0048 | 4.9019 | -0.0094 | 0.1815  | 0.0012  | 0.1734 |
| 885 | 10.9 | 10.9 | 3.0693 | 1.8377 | -0.0049 | 4.9021 | 0.0254  | 0.1373  | -0.0053 | 0.1573 |
| 886 | 11.5 | 10.9 | 3.0685 | 1.8405 | -0.0047 | 4.9043 | 0.1435  | 0.0143  | -0.006  | 0.1518 |
| 887 | 11.5 | 10.9 | 3.0667 | 1.8437 | -0.0048 | 4.9056 | 0.2549  | -0.1183 | -0.006  | 0.1306 |
| 888 | 11.2 | 10.9 | 3.063  | 1.8469 | -0.0049 | 4.9049 | 0.3818  | -0.2492 | -0.0048 | 0.1278 |
| 889 | 10.8 | 11   | 3.0644 | 1.8456 | -0.0052 | 4.9048 | 0.473   | -0.3521 | -0.002  | 0.1188 |
| 890 | 11   | 11   | 3.0728 | 1.837  | -0.0054 | 4.9044 | 0.4964  | -0.3776 | -0.002  | 0.1168 |
| 891 | 10.7 | 11   | 3.0704 | 1.8396 | -0.0056 | 4.9045 | 0.3647  | -0.2448 | -0.0035 | 0.1163 |
| 892 | 10.8 | 11   | 3.0685 | 1.8422 | -0.0057 | 4.9049 | 0.1477  | -0.05   | -0.001  | 0.0968 |
| 893 | 10.9 | 11.1 | 3.0734 | 1.8368 | -0.0055 | 4.9047 | 0.039   | 0.0584  | 0.0024  | 0.0997 |
| 894 | 10.8 | 11.1 | 3.0813 | 1.828  | -0.0052 | 4.9041 | 0.0433  | 0.0621  | 0.0031  | 0.1085 |
| 895 | 11.1 | 11   | 3.0857 | 1.822  | -0.0051 | 4.9026 | -0.0388 | 0.1432  | 0.0039  | 0.1082 |
| 896 | 10.6 | 11   | 3.09   | 1.817  | -0.0051 | 4.9019 | -0.2234 | 0.3218  | 0.004   | 0.1024 |
| 897 | 10.9 | 10.9 | 3.089  | 1.8179 | -0.0052 | 4.9017 | -0.4392 | 0.5286  | 0.0015  | 0.0909 |
| 898 | 11.3 | 10.9 | 3.0872 | 1.8194 | -0.0054 | 4.9012 | -0.5851 | 0.6714  | 0.001   | 0.0873 |
| 899 | 11.1 | 10.8 | 3.0877 | 1.8188 | -0.0056 | 4.901  | -0.639  | 0.7211  | -0.0027 | 0.0794 |
| 900 | 11.2 | 10.8 | 3.0858 | 1.8216 | -0.0054 | 4.902  | -0.6423 | 0.7232  | -0.002  | 0.079  |
| 901 | 11.6 | 10.8 | 3.0918 | 1.8159 | -0.0054 | 4.9022 | -0.7572 | 0.8308  | -0.0031 | 0.0705 |
| 902 | 11.5 | 10.8 | 3.0975 | 1.8103 | -0.0052 | 4.9025 | -0.8136 | 0.8907  | -0.0052 | 0.0719 |
| 903 | 10.7 | 10.8 | 3.1    | 1.8071 | -0.0052 | 4.9019 | -0.992  | 1.066   | -0.0063 | 0.0677 |
| 904 | 10.6 | 10.8 | 3.1041 | 1.8095 | -0.0052 | 4.9084 | -1.0932 | 1.1465  | -0.0091 | 0.0441 |
| 905 | 10.9 | 10.7 | 3.1124 | 1.794  | -0.0049 | 4.9015 | -1.2061 | 1.262   | -0.0127 | 0.0432 |
| 906 | 10.2 | 10.7 | 3.1156 | 1.7903 | -0.0047 | 4.9011 | -1.2769 | 1.3227  | -0.0108 | 0.0351 |
| 907 | 10.2 | 10.7 | 3.1211 | 1.7855 | -0.0043 | 4.9022 | -1.3038 | 1.3713  | -0.0082 | 0.0593 |
| 908 | 9.9  | 10.6 | 3.1259 | 1.7795 | -0.004  | 4.9014 | -1.3754 | 1.464   | -0.0095 | 0.0792 |
| 909 | 10.6 | 10.6 | 3.1284 | 1.7785 | -0.0038 | 4.9031 | -1.3127 | 1.4178  | -0.0123 | 0.0928 |
| 910 | 10.5 | 10.5 | 3.1321 | 1.7763 | -0.0037 | 4.9047 | -1.1093 | 1.2194  | -0.0129 | 0.0972 |
| 911 | 10.4 | 10.5 | 3.132  | 1.7777 | -0.0037 | 4.906  | -1.0108 | 1.1302  | -0.0118 | 0.1076 |
| 912 | 10.6 | 10.5 | 3.1361 | 1.7735 | -0.0035 | 4.9061 | -0.9517 | 1.078   | -0.0106 | 0.1157 |
| 913 | 10.8 | 10.5 | 3.1313 | 1.7786 | -0.0034 | 4.9064 | -0.9786 | 1.1026  | -0.0121 | 0.112  |
| 914 | 10.6 | 10.5 | 3.1212 | 1.789  | -0.0034 | 4.9069 | -1.0203 | 1.1551  | -0.0147 | 0.1201 |
| 915 | 10.3 | 10.5 | 3.1187 | 1.7927 | -0.0032 | 4.9082 | -1.0227 | 1.1649  | -0.0133 | 0.1289 |
| 916 | 10.4 | 10.6 | 3.1192 | 1.7933 | -0.0034 | 4.9091 | -0.9424 | 1.0904  | -0.0132 | 0.1347 |

|     |      |      |        |        |         |        |         |         |         |        |
|-----|------|------|--------|--------|---------|--------|---------|---------|---------|--------|
| 917 | 10.2 | 10.6 | 3.1171 | 1.7952 | -0.0034 | 4.909  | -0.8958 | 1.0482  | -0.013  | 0.1394 |
| 918 | 10   | 10.7 | 3.1167 | 1.7957 | -0.0036 | 4.9088 | -0.7714 | 0.9201  | -0.0082 | 0.1405 |
| 919 | 10.3 | 10.8 | 3.115  | 1.7971 | -0.0036 | 4.9085 | -0.6933 | 0.8384  | -0.0076 | 0.1375 |
| 920 | 10.7 | 10.8 | 3.1126 | 1.7996 | -0.0036 | 4.9087 | -0.4973 | 0.6713  | -0.0083 | 0.1657 |
| 921 | 10.8 | 10.8 | 3.1089 | 1.803  | -0.0037 | 4.9081 | -0.3548 | 0.5068  | -0.0095 | 0.1424 |
| 922 | 10.9 | 10.9 | 3.0991 | 1.8093 | -0.0039 | 4.9044 | -0.2089 | 0.3751  | -0.0086 | 0.1576 |
| 923 | 11.4 | 10.9 | 3.0899 | 1.8171 | -0.0041 | 4.9029 | -0.0691 | 0.1936  | -0.002  | 0.1225 |
| 924 | 10.8 | 10.9 | 3.0863 | 1.8208 | -0.0043 | 4.9028 | 0.0309  | 0.0834  | 0.0017  | 0.1161 |
| 925 | 11.3 | 11   | 3.0796 | 1.8256 | -0.0045 | 4.9008 | 0.0518  | 0.0725  | 0.0073  | 0.1315 |
| 926 | 11.7 | 11   | 3.0722 | 1.8322 | -0.0047 | 4.8998 | 0.0039  | 0.1096  | 0.0118  | 0.1254 |
| 927 | 11   | 11.1 | 3.0753 | 1.828  | -0.005  | 4.8983 | 0.0076  | 0.1037  | 0.0119  | 0.1232 |
| 928 | 11.6 | 11.1 | 3.0739 | 1.8286 | -0.005  | 4.8975 | -0.0716 | 0.1921  | 0.0117  | 0.1322 |
| 929 | 10.7 | 11.2 | 3.062  | 1.8395 | -0.005  | 4.8965 | -0.1633 | 0.281   | 0.0117  | 0.1295 |
| 930 | 11.4 | 11.2 | 3.068  | 1.8343 | -0.0051 | 4.8972 | -0.1604 | 0.267   | 0.0132  | 0.1197 |
| 931 | 11.5 | 11.2 | 3.081  | 1.8204 | -0.0047 | 4.8966 | -0.1124 | 0.2071  | 0.0161  | 0.1109 |
| 932 | 11.1 | 11.2 | 3.087  | 1.8137 | -0.0043 | 4.8964 | -0.0945 | 0.1832  | 0.0132  | 0.1019 |
| 933 | 11.2 | 11.1 | 3.0955 | 1.8048 | -0.0039 | 4.8965 | -0.1314 | 0.2127  | 0.0065  | 0.0878 |
| 934 | 11.7 | 11.1 | 3.0947 | 1.8069 | -0.0034 | 4.8982 | -0.2536 | 0.34    | 0.0024  | 0.0888 |
| 935 | 11.3 | 11   | 3.0893 | 1.8117 | -0.0035 | 4.8976 | -0.218  | 0.3048  | -0.0013 | 0.0854 |
| 936 | 11.1 | 11   | 3.0825 | 1.8195 | -0.0034 | 4.8985 | -0.1777 | 0.2687  | -0.0065 | 0.0846 |
| 937 | 11.5 | 11   | 3.0707 | 1.8322 | -0.0035 | 4.8993 | -0.1844 | 0.2976  | -0.0092 | 0.1041 |
| 938 | 11.3 | 10.9 | 3.0665 | 1.8386 | -0.0037 | 4.9013 | -0.1926 | 0.3028  | -0.0127 | 0.0975 |
| 939 | 11.1 | 10.9 | 3.0651 | 1.8411 | -0.0037 | 4.9025 | -0.211  | 0.3064  | -0.0152 | 0.0802 |
| 940 | 10.7 | 10.9 | 3.0734 | 1.8335 | -0.0035 | 4.9034 | -0.2232 | 0.3187  | -0.0195 | 0.076  |
| 941 | 10.4 | 10.9 | 3.0948 | 1.8149 | -0.0035 | 4.9061 | -0.1708 | 0.2491  | -0.0214 | 0.0569 |
| 942 | 10.2 | 10.9 | 3.1131 | 1.7964 | -0.0035 | 4.906  | -0.1764 | 0.2537  | -0.0222 | 0.0551 |
| 943 | 10.3 | 10.9 | 3.118  | 1.7907 | -0.0034 | 4.9053 | -0.2164 | 0.2991  | -0.0212 | 0.0615 |
| 944 | 10.4 | 10.9 | 3.1261 | 1.7828 | -0.0033 | 4.9056 | -0.1017 | 0.1779  | -0.0195 | 0.0567 |
| 945 | 10.6 | 10.9 | 3.139  | 1.7705 | -0.0034 | 4.9062 | 0.0444  | -0.0001 | -0.0179 | 0.0264 |
| 946 | 10.6 | 11   | 3.1539 | 1.7563 | -0.0033 | 4.9069 | 0.1371  | -0.0788 | -0.018  | 0.0403 |
| 947 | 10.2 | 11   | 3.1621 | 1.7482 | -0.0034 | 4.907  | 0.166   | -0.1206 | -0.0181 | 0.0273 |
| 948 | 10.9 | 11   | 3.1646 | 1.7464 | -0.0032 | 4.9078 | 0.2129  | -0.1445 | -0.0204 | 0.048  |
| 949 | 11.3 | 11.1 | 3.1633 | 1.747  | -0.0033 | 4.9071 | 0.2122  | -0.1643 | -0.022  | 0.0258 |
| 950 | 11.1 | 11.1 | 3.1708 | 1.7403 | -0.0034 | 4.9077 | 0.2424  | -0.1952 | -0.0209 | 0.0263 |
| 951 | 11.4 | 11.2 | 3.1744 | 1.7355 | -0.0033 | 4.9066 | 0.2675  | -0.2183 | -0.0173 | 0.032  |
| 952 | 11.5 | 11.3 | 3.1847 | 1.7252 | -0.0031 | 4.9068 | 0.3947  | -0.3382 | -0.017  | 0.0395 |
| 953 | 11.8 | 11.4 | 3.188  | 1.722  | -0.0031 | 4.9069 | 0.4797  | -0.4178 | -0.016  | 0.046  |

|     |      |      |        |        |         |        |         |         |         |        |
|-----|------|------|--------|--------|---------|--------|---------|---------|---------|--------|
| 954 | 11.5 | 11.6 | 3.1912 | 1.7192 | -0.003  | 4.9074 | 0.5093  | -0.4481 | -0.017  | 0.0442 |
| 955 | 11.8 | 11.7 | 3.1908 | 1.7192 | -0.0031 | 4.907  | 0.551   | -0.4194 | -0.018  | 0.1136 |
| 956 | 11.8 | 11.8 | 3.1884 | 1.7193 | -0.0034 | 4.9044 | 0.6916  | -0.626  | -0.0142 | 0.0514 |
| 957 | 11.8 | 11.9 | 3.1918 | 1.715  | -0.0035 | 4.9032 | 0.7839  | -0.7254 | -0.0083 | 0.0502 |
| 958 | 11.7 | 11.9 | 3.1927 | 1.713  | -0.0035 | 4.9022 | 0.8423  | -0.7749 | 0.0003  | 0.0677 |
| 959 | 11.4 | 12   | 3.1909 | 1.7143 | -0.0034 | 4.9018 | 0.9139  | -0.8524 | 0.0053  | 0.0668 |
| 960 | 11.9 | 12   | 3.1896 | 1.7144 | -0.0033 | 4.9007 | 0.9018  | -0.826  | 0.005   | 0.0808 |
| 961 | 12.6 | 12   | 3.1867 | 1.7167 | -0.0032 | 4.9002 | 0.9151  | -0.8217 | 0.0041  | 0.0975 |
| 962 | 12.6 | 12   | 3.1884 | 1.7147 | -0.0031 | 4.9    | 0.8305  | -0.7075 | 0.008   | 0.131  |
| 963 | 12.9 | 12   | 3.1887 | 1.7137 | -0.0031 | 4.8993 | 0.7876  | -0.6607 | 0.0136  | 0.1405 |
| 964 | 13.1 | 12   | 3.1843 | 1.7178 | -0.0033 | 4.8989 | 0.723   | -0.5968 | 0.0157  | 0.142  |
| 965 | 12.3 | 12   | 3.1782 | 1.7238 | -0.0035 | 4.8985 | 0.6436  | -0.4874 | 0.0194  | 0.1756 |
| 966 | 12   | 11.9 | 3.1708 | 1.7306 | -0.0035 | 4.8979 | 0.5639  | -0.3897 | 0.0233  | 0.1975 |
| 967 | 11.9 | 11.9 | 3.1693 | 1.7319 | -0.0036 | 4.8976 | 0.4686  | -0.2674 | 0.0202  | 0.2214 |
| 968 | 12.1 | 11.9 | 3.1658 | 1.7355 | -0.0034 | 4.8979 | 0.3446  | -0.1187 | 0.018   | 0.2439 |
| 969 | 12   | 11.9 | 3.1538 | 1.7443 | -0.0034 | 4.8947 | 0.2169  | -0.0041 | 0.0147  | 0.2274 |
| 970 | 11.4 | 11.8 | 3.1473 | 1.7531 | -0.0035 | 4.8969 | 0.0564  | 0.1596  | 0.0084  | 0.2243 |
| 971 | 12   | 11.7 | 3.1365 | 1.7616 | -0.0037 | 4.8944 | -0.0398 | 0.2586  | 0.0045  | 0.2233 |
| 972 | 11.4 | 11.6 | 3.1267 | 1.7744 | -0.0041 | 4.897  | -0.104  | 0.3177  | -0.0013 | 0.2124 |
| 973 | 11.3 | 11.5 | 3.1183 | 1.7827 | -0.0043 | 4.8967 | -0.1415 | 0.3153  | -0.0034 | 0.1705 |
| 974 | 11   | 11.4 | 3.1139 | 1.7863 | -0.0048 | 4.8954 | -0.2148 | 0.3626  | -0.0054 | 0.1423 |
| 975 | 11.3 | 11.3 | 3.1099 | 1.79   | -0.0051 | 4.8947 | -0.2071 | 0.3388  | -0.0076 | 0.1242 |
| 976 | 11.2 | 11.2 | 3.1017 | 1.7968 | -0.0053 | 4.8932 | -0.2431 | 0.3481  | -0.0101 | 0.095  |
| 977 | 11.3 | 11.1 | 3.1032 | 1.7947 | -0.0055 | 4.8924 | -0.3132 | 0.3992  | -0.0121 | 0.0739 |
| 978 | 10.8 | 11   | 3.1083 | 1.7895 | -0.0054 | 4.8924 | -0.3071 | 0.3683  | -0.0151 | 0.0462 |
| 979 | 11   | 10.8 | 3.1077 | 1.7893 | -0.0054 | 4.8916 | -0.3786 | 0.4122  | -0.0144 | 0.0191 |
| 980 | 11.1 | 10.7 | 3.1013 | 1.7954 | -0.0055 | 4.8912 | -0.5289 | 0.55    | -0.0128 | 0.0083 |
| 981 | 10.8 | 10.6 | 3.0988 | 1.7992 | -0.0054 | 4.8926 | -0.4751 | 0.5085  | -0.0116 | 0.0218 |
| 982 | 10.5 | 10.5 | 3.1031 | 1.795  | -0.005  | 4.893  | -0.3759 | 0.3904  | -0.0061 | 0.0085 |
| 983 | 10.4 | 10.4 | 3.1035 | 1.7943 | -0.0048 | 4.893  | -0.3663 | 0.3686  | -0.0007 | 0.0016 |
| 984 | 10.8 | 10.4 | 3.0922 | 1.8058 | -0.0047 | 4.8933 | -0.3093 | 0.3161  | 0.0028  | 0.0096 |
| 985 | 10.6 | 10.3 | 3.087  | 1.8108 | -0.0042 | 4.8936 | -0.3209 | 0.3451  | 0.0094  | 0.0335 |
| 986 | 9.72 | 10.3 | 3.087  | 1.8107 | -0.0038 | 4.8939 | -0.3757 | 0.3925  | 0.0103  | 0.027  |
| 987 | 9.68 | 10.2 | 3.0859 | 1.8134 | -0.0035 | 4.8958 | -0.3876 | 0.4207  | 0.009   | 0.0421 |
| 988 | 9.51 | 10.2 | 3.0841 | 1.8163 | -0.0034 | 4.8969 | -0.4893 | 0.5347  | 0.0068  | 0.0522 |
| 989 | 9.47 | 10.2 | 3.0867 | 1.8137 | -0.0032 | 4.8972 | -0.5759 | 0.6497  | 0.0049  | 0.0787 |
| 990 | 9.73 | 10.2 | 3.0898 | 1.8121 | -0.0033 | 4.8987 | -0.5932 | 0.6854  | 0.0047  | 0.0969 |

|      |      |      |        |        |         |        |         |         |         |        |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|--------|
| 991  | 9.53 | 10.2 | 3.0881 | 1.8142 | -0.0034 | 4.8989 | -0.6407 | 0.7394  | 0.0063  | 0.105  |
| 992  | 10   | 10.2 | 3.0901 | 1.8122 | -0.0036 | 4.8988 | -0.4281 | 0.5649  | 0.006   | 0.1428 |
| 993  | 10.1 | 10.3 | 3.0835 | 1.819  | -0.0035 | 4.899  | -0.1478 | 0.2929  | 0.006   | 0.151  |
| 994  | 10.2 | 10.3 | 3.0769 | 1.828  | -0.0034 | 4.9015 | 0.0123  | 0.1246  | 0.0075  | 0.1445 |
| 995  | 10   | 10.4 | 3.072  | 1.8299 | -0.0033 | 4.8986 | 0.1955  | -0.0599 | 0.0107  | 0.1463 |
| 996  | 9.77 | 10.4 | 3.0734 | 1.8291 | -0.0033 | 4.8991 | 0.4094  | -0.2625 | 0.0118  | 0.1586 |
| 997  | 10.9 | 10.5 | 3.0677 | 1.8324 | -0.0032 | 4.8969 | 0.5998  | -0.446  | 0.0128  | 0.1666 |
| 998  | 11   | 10.6 | 3.066  | 1.8359 | -0.0032 | 4.8986 | 0.685   | -0.524  | 0.0133  | 0.1744 |
| 999  | 10.9 | 10.7 | 3.0635 | 1.8384 | -0.0035 | 4.8983 | 0.6918  | -0.5261 | 0.0186  | 0.1842 |
| 1000 | 11   | 10.8 | 3.0591 | 1.8434 | -0.0037 | 4.8988 | 0.7055  | -0.5405 | 0.0197  | 0.1846 |
| 1001 | 11.3 | 10.9 | 3.0523 | 1.8497 | -0.0037 | 4.8983 | 0.8159  | -0.6416 | 0.0206  | 0.1948 |
| 1002 | 11.5 | 11   | 3.0495 | 1.8521 | -0.0036 | 4.8979 | 0.8421  | -0.6731 | 0.0207  | 0.1897 |
| 1003 | 11.6 | 11   | 3.049  | 1.8519 | -0.0035 | 4.8974 | 0.9165  | -0.7402 | 0.0228  | 0.1991 |
| 1004 | 11.4 | 11.1 | 3.049  | 1.8515 | -0.0034 | 4.897  | 0.9477  | -0.7649 | 0.0224  | 0.2052 |
| 1005 | 10.9 | 11.1 | 3.0432 | 1.8566 | -0.0035 | 4.8964 | 0.9819  | -0.7937 | 0.0239  | 0.2122 |
| 1006 | 11.1 | 11.1 | 3.0372 | 1.8628 | -0.0039 | 4.8961 | 0.9057  | -0.7234 | 0.0251  | 0.2074 |
| 1007 | 11.4 | 11.1 | 3.0369 | 1.8629 | -0.0044 | 4.8954 | 0.8714  | -0.7073 | 0.0233  | 0.1874 |
| 1008 | 11.4 | 11.1 | 3.0345 | 1.8648 | -0.0046 | 4.8947 | 0.9548  | -0.7889 | 0.0186  | 0.1846 |
| 1009 | 11.7 | 11   | 3.0382 | 1.8611 | -0.0043 | 4.895  | 0.9687  | -0.8143 | 0.0188  | 0.1732 |
| 1010 | 11.3 | 11.1 | 3.0406 | 1.8585 | -0.0041 | 4.895  | 0.9514  | -0.791  | 0.0197  | 0.1801 |
| 1011 | 11.3 | 11.1 | 3.0489 | 1.8485 | -0.0045 | 4.8929 | 0.8645  | -0.7061 | 0.019   | 0.1775 |
| 1012 | 11.3 | 11   | 3.0574 | 1.8396 | -0.0049 | 4.8921 | 0.8278  | -0.7001 | 0.0197  | 0.1475 |
| 1013 | 10.7 | 11   | 3.059  | 1.8382 | -0.005  | 4.8923 | 0.8714  | -0.7516 | 0.0195  | 0.1394 |
| 1014 | 10.1 | 10.9 | 3.0568 | 1.8378 | -0.0053 | 4.8893 | 0.8572  | -0.7533 | 0.0193  | 0.1233 |
| 1015 | 10.3 | 10.9 | 3.0623 | 1.8317 | -0.0056 | 4.8884 | 0.79    | -0.698  | 0.0156  | 0.1076 |
| 1016 | 10.8 | 10.9 | 3.0723 | 1.82   | -0.0054 | 4.887  | 0.6875  | -0.5996 | 0.0132  | 0.1011 |
| 1017 | 10.2 | 10.8 | 3.0827 | 1.8071 | -0.0052 | 4.8846 | 0.5895  | -0.5094 | 0.0145  | 0.0946 |
| 1018 | 10.7 | 10.8 | 3.095  | 1.7961 | -0.005  | 4.886  | 0.5512  | -0.4709 | 0.0159  | 0.0963 |
| 1019 | 11.4 | 10.7 | 3.1094 | 1.7811 | -0.0044 | 4.8861 | 0.504   | -0.4216 | 0.0186  | 0.101  |
| 1020 | 11.4 | 10.6 | 3.1166 | 1.7737 | -0.004  | 4.8863 | 0.3857  | -0.331  | 0.0183  | 0.0729 |
| 1021 | 10.7 | 10.6 | 3.1193 | 1.7712 | -0.0036 | 4.8869 | 0.3418  | -0.2673 | 0.0164  | 0.0908 |
| 1022 | 10.6 | 10.5 | 3.1132 | 1.7778 | -0.0036 | 4.8874 | 0.2355  | -0.1904 | 0.0133  | 0.0585 |
| 1023 | 10.6 | 10.5 | 3.1114 | 1.7809 | -0.0036 | 4.8887 | 0.0915  | -0.0196 | 0.0091  | 0.081  |
| 1024 | 10.3 | 10.6 | 3.107  | 1.7869 | -0.0035 | 4.8904 | -0.0012 | 0.0729  | 0.0069  | 0.0785 |
| 1025 | 10.5 | 10.6 | 3.1039 | 1.7908 | -0.0034 | 4.8913 | -0.0907 | 0.1497  | 0.0017  | 0.0607 |
| 1026 | 10.7 | 10.6 | 3.1036 | 1.7923 | -0.0035 | 4.8924 | -0.0776 | 0.1325  | -0.0003 | 0.0546 |
| 1027 | 10.2 | 10.6 | 3.106  | 1.7911 | -0.0035 | 4.8937 | -0.1782 | 0.2207  | -0.0024 | 0.04   |

|      |      |      |        |        |         |        |         |        |         |        |
|------|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 1028 | 10.1 | 10.6 | 3.1117 | 1.7874 | -0.0036 | 4.8956 | -0.1825 | 0.2212 | -0.0048 | 0.0338 |
| 1029 | 10.1 | 10.6 | 3.1148 | 1.7845 | -0.0037 | 4.8956 | -0.1192 | 0.1664 | -0.0052 | 0.042  |
| 1030 | 10.2 | 10.6 | 3.1155 | 1.7835 | -0.0039 | 4.895  | -0.1421 | 0.1788 | -0.0064 | 0.0304 |
| 1031 | 10.6 | 10.6 | 3.1186 | 1.7813 | -0.0041 | 4.8958 | -0.1844 | 0.217  | -0.0077 | 0.0248 |
| 1032 | 10.6 | 10.6 | 3.1237 | 1.7768 | -0.0042 | 4.8963 | -0.1891 | 0.2322 | -0.0067 | 0.0364 |
| 1033 | 11.2 | 10.7 | 3.1265 | 1.7732 | -0.0042 | 4.8955 | -0.1553 | 0.211  | -0.0034 | 0.0523 |
| 1034 | 10.7 | 10.7 | 3.1268 | 1.7724 | -0.0043 | 4.8949 | -0.2408 | 0.2965 | -0.0042 | 0.0515 |
| 1035 | 10.2 | 10.7 | 3.1269 | 1.7724 | -0.0045 | 4.8948 | -0.423  | 0.4815 | -0.0037 | 0.0549 |
| 1036 | 10.9 | 10.7 | 3.1212 | 1.7774 | -0.0043 | 4.8943 | -0.467  | 0.5265 | 0.0006  | 0.0601 |
| 1037 | 10.6 | 10.7 | 3.1196 | 1.7787 | -0.0042 | 4.8941 | -0.4583 | 0.5184 | 0.0051  | 0.0651 |
| 1038 | 11   | 10.8 | 3.124  | 1.7736 | -0.0042 | 4.8934 | -0.4554 | 0.536  | 0.0076  | 0.0882 |
| 1039 | 11.1 | 10.8 | 3.1244 | 1.7726 | -0.0041 | 4.8929 | -0.4718 | 0.5511 | 0.0089  | 0.0881 |
| 1040 | 11   | 10.8 | 3.1375 | 1.7596 | -0.0042 | 4.8929 | -0.4181 | 0.4998 | 0.012   | 0.0937 |
| 1041 | 10.9 | 10.8 | 3.1376 | 1.7584 | -0.0041 | 4.8918 | -0.3524 | 0.4519 | 0.0133  | 0.1128 |
| 1042 | 11.4 | 10.8 | 3.1279 | 1.7672 | -0.0041 | 4.8909 | -0.3175 | 0.4284 | 0.0125  | 0.1234 |
| 1043 | 11.3 | 10.7 | 3.1168 | 1.7782 | -0.0042 | 4.8908 | -0.2397 | 0.3707 | 0.012   | 0.143  |
| 1044 | 10.8 | 10.7 | 3.1066 | 1.7888 | -0.0044 | 4.8909 | -0.2411 | 0.3813 | 0.014   | 0.1542 |
| 1045 | 10.9 | 10.7 | 3.0981 | 1.7968 | -0.0046 | 4.8904 | -0.276  | 0.4333 | 0.0187  | 0.1761 |
| 1046 | 10.6 | 10.7 | 3.094  | 1.8009 | -0.0046 | 4.8903 | -0.3028 | 0.4346 | 0.0218  | 0.1535 |
| 1047 | 10.8 | 10.6 | 3.0936 | 1.8006 | -0.0047 | 4.8895 | -0.2929 | 0.4444 | 0.0221  | 0.1736 |
| 1048 | 10.5 | 10.6 | 3.0954 | 1.799  | -0.0051 | 4.8894 | -0.3457 | 0.4876 | 0.0212  | 0.1631 |
| 1049 | 10.5 | 10.5 | 3.0928 | 1.8011 | -0.0053 | 4.8886 | -0.3755 | 0.5336 | 0.0149  | 0.173  |
| 1050 | 10.5 | 10.5 | 3.0892 | 1.8045 | -0.0054 | 4.8882 | -0.3976 | 0.5469 | 0.014   | 0.1633 |
| 1051 | 10.6 | 10.4 | 3.0902 | 1.8028 | -0.0053 | 4.8876 | -0.4313 | 0.56   | 0.01    | 0.1388 |
| 1052 | 9.96 | 10.3 | 3.0931 | 1.7992 | -0.0054 | 4.8869 | -0.4966 | 0.6114 | 0.01    | 0.1249 |
| 1053 | 10.1 | 10.3 | 3.0932 | 1.7985 | -0.0053 | 4.8864 | -0.5037 | 0.6361 | 0.0105  | 0.143  |
| 1054 | 10.1 | 10.2 | 3.093  | 1.7985 | -0.0054 | 4.8862 | -0.4972 | 0.6275 | 0.0092  | 0.1395 |
| 1055 | 10   | 10.1 | 3.1003 | 1.7916 | -0.0056 | 4.8862 | -0.5558 | 0.6812 | 0.012   | 0.1374 |
| 1056 | 10.1 | 10.1 | 3.1013 | 1.79   | -0.0057 | 4.8856 | -0.6956 | 0.8109 | 0.0145  | 0.1298 |
| 1057 | 9.64 | 10.1 | 3.0963 | 1.7939 | -0.0054 | 4.8848 | -0.8093 | 0.9275 | 0.0108  | 0.1291 |
| 1058 | 10.1 | 10.1 | 3.0958 | 1.7944 | -0.0054 | 4.8848 | -0.8886 | 1.01   | 0.0055  | 0.1269 |
| 1059 | 9.94 | 10.2 | 3.0957 | 1.7934 | -0.0054 | 4.8838 | -0.9367 | 1.0583 | 0.0014  | 0.1229 |
| 1060 | 9.91 | 10.2 | 3.1032 | 1.785  | -0.0052 | 4.8829 | -0.9247 | 1.0438 | 0.0047  | 0.1238 |
| 1061 | 10.1 | 10.3 | 3.1039 | 1.7867 | -0.0052 | 4.8854 | -0.8781 | 0.9893 | 0.0102  | 0.1214 |
| 1062 | 9.65 | 10.4 | 3.1013 | 1.7898 | -0.0051 | 4.886  | -0.8654 | 0.9577 | 0.0058  | 0.0981 |
| 1063 | 9.52 | 10.4 | 3.103  | 1.789  | -0.005  | 4.8869 | -0.9063 | 0.9912 | 0.0002  | 0.0851 |
| 1064 | 10.1 | 10.4 | 3.1053 | 1.7876 | -0.0048 | 4.8881 | -1.0088 | 1.0836 | 0.0004  | 0.0753 |

|      |      |      |        |        |         |        |         |        |         |        |
|------|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 1065 | 10.5 | 10.5 | 3.1094 | 1.7837 | -0.0048 | 4.8884 | -1.0805 | 1.1364 | -0.0022 | 0.0537 |
| 1066 | 10.5 | 10.6 | 3.1119 | 1.7815 | -0.0049 | 4.8884 | -1.0478 | 1.1073 | -0.0048 | 0.0547 |
| 1067 | 10.7 | 10.6 | 3.1142 | 1.779  | -0.0052 | 4.888  | -0.9229 | 0.9739 | -0.0063 | 0.0447 |
| 1068 | 11   | 10.7 | 3.1154 | 1.7776 | -0.0053 | 4.8878 | -0.871  | 0.9091 | -0.0079 | 0.0302 |
| 1069 | 11.4 | 10.8 | 3.1153 | 1.7774 | -0.0052 | 4.8874 | -0.7586 | 0.8014 | -0.0094 | 0.0334 |
| 1070 | 11.8 | 10.9 | 3.1131 | 1.7798 | -0.0051 | 4.8878 | -0.677  | 0.7021 | -0.0023 | 0.0228 |
| 1071 | 11.7 | 10.9 | 3.113  | 1.7807 | -0.005  | 4.8886 | -0.656  | 0.6838 | 0.001   | 0.0289 |
| 1072 | 11.1 | 11   | 3.1176 | 1.7763 | -0.005  | 4.8889 | -0.6517 | 0.685  | 0.0058  | 0.039  |
| 1073 | 10.7 | 11.1 | 3.1184 | 1.7755 | -0.005  | 4.8889 | -0.7514 | 0.8004 | 0.0044  | 0.0534 |
| 1074 | 11.2 | 11.2 | 3.123  | 1.7713 | -0.005  | 4.8893 | -0.814  | 0.8641 | 0.0024  | 0.0525 |
| 1075 | 11.4 | 11.3 | 3.1176 | 1.7767 | -0.0051 | 4.8892 | -0.8834 | 0.9465 | 0.0033  | 0.0663 |
| 1076 | 10.6 | 11.3 | 3.1195 | 1.7747 | -0.0051 | 4.8891 | -0.9363 | 1.0029 | 0.0065  | 0.0731 |
| 1077 | 11   | 11.4 | 3.1214 | 1.7726 | -0.005  | 4.889  | -0.9534 | 1.0326 | 0.007   | 0.0863 |
| 1078 | 11.6 | 11.4 | 3.1202 | 1.7729 | -0.0049 | 4.8882 | -0.9257 | 1.0162 | 0.0075  | 0.0979 |
| 1079 | 11.7 | 11.5 | 3.122  | 1.7714 | -0.0048 | 4.8885 | -0.8944 | 1.0044 | 0.0076  | 0.1177 |
| 1080 | 11.5 | 11.5 | 3.1198 | 1.7737 | -0.0048 | 4.8887 | -0.8913 | 1.0031 | 0.0068  | 0.1187 |
| 1081 | 11.5 | 11.5 | 3.1177 | 1.776  | -0.0047 | 4.889  | -0.8808 | 0.9933 | 0.0041  | 0.1166 |
| 1082 | 11.1 | 11.5 | 3.1186 | 1.7739 | -0.0047 | 4.8878 | -0.8649 | 0.9992 | 0.0016  | 0.1359 |
| 1083 | 11.5 | 11.5 | 3.1276 | 1.7647 | -0.0044 | 4.8878 | -0.8832 | 1.0152 | 0.0002  | 0.1322 |
| 1084 | 11.9 | 11.5 | 3.1345 | 1.7577 | -0.0043 | 4.8878 | -0.8759 | 0.9964 | 0       | 0.1206 |
| 1085 | 11.8 | 11.5 | 3.1337 | 1.7582 | -0.0043 | 4.8876 | -0.8242 | 0.9412 | -0.0001 | 0.1169 |
| 1086 | 12   | 11.6 | 3.1328 | 1.7589 | -0.0043 | 4.8874 | -0.7926 | 0.9175 | -0.0045 | 0.1204 |
| 1087 | 12.2 | 11.6 | 3.1315 | 1.7598 | -0.0043 | 4.887  | -0.8076 | 0.9239 | -0.003  | 0.1132 |
| 1088 | 12   | 11.6 | 3.1313 | 1.7612 | -0.0043 | 4.8881 | -0.8007 | 0.9104 | -0.0038 | 0.1059 |
| 1089 | 11.8 | 11.6 | 3.1285 | 1.7637 | -0.0044 | 4.8879 | -0.7355 | 0.8443 | -0.0019 | 0.1069 |
| 1090 | 11.7 | 11.6 | 3.1251 | 1.7669 | -0.0046 | 4.8874 | -0.7244 | 0.8307 | 0.0038  | 0.11   |
| 1091 | 11.5 | 11.5 | 3.1198 | 1.7714 | -0.0046 | 4.8866 | -0.517  | 0.6283 | 0.0022  | 0.1135 |
| 1092 | 11.5 | 11.5 | 3.1141 | 1.7752 | -0.0048 | 4.8845 | -0.4736 | 0.5851 | 0.0031  | 0.1146 |
| 1093 | 11.2 | 11.4 | 3.1077 | 1.7809 | -0.0049 | 4.8836 | -0.5205 | 0.6299 | 0.0041  | 0.1135 |
| 1094 | 11.5 | 11.4 | 3.1045 | 1.7847 | -0.0053 | 4.8839 | -0.5759 | 0.688  | 0.0046  | 0.1167 |
| 1095 | 11.1 | 11.3 | 3.1023 | 1.7864 | -0.0055 | 4.8832 | -0.5815 | 0.703  | 0.0055  | 0.127  |
| 1096 | 11.4 | 11.3 | 3.1026 | 1.7846 | -0.0055 | 4.8818 | -0.5508 | 0.6991 | 0.0071  | 0.1554 |
| 1097 | 11.7 | 11.2 | 3.1023 | 1.7836 | -0.0053 | 4.8806 | -0.5734 | 0.7156 | 0.0082  | 0.1504 |
| 1098 | 11.5 | 11.2 | 3.1035 | 1.7825 | -0.0047 | 4.8813 | -0.6462 | 0.7931 | 0.0039  | 0.1508 |
| 1099 | 10.9 | 11.1 | 3.1032 | 1.7837 | -0.0049 | 4.882  | -0.686  | 0.847  | -0.0017 | 0.1594 |
| 1100 | 10.7 | 11.1 | 3.1022 | 1.7874 | -0.0047 | 4.8849 | -0.6949 | 0.8468 | -0.0026 | 0.1493 |
| 1101 | 10.5 | 11.1 | 3.102  | 1.7885 | -0.0047 | 4.8858 | -0.674  | 0.8263 | -0.0029 | 0.1494 |

|      |      |      |        |        |         |        |         |         |         |        |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|--------|
| 1102 | 10.4 | 11   | 3.0998 | 1.7885 | -0.0047 | 4.8836 | -0.6111 | 0.7596  | -0.0024 | 0.146  |
| 1103 | 10.7 | 11   | 3.0987 | 1.7892 | -0.0044 | 4.8835 | -0.5509 | 0.6975  | -0.0034 | 0.1433 |
| 1104 | 10.8 | 11   | 3.1045 | 1.7833 | -0.0046 | 4.8833 | -0.5236 | 0.6594  | -0.0037 | 0.1321 |
| 1105 | 11.1 | 11   | 3.1128 | 1.7755 | -0.0049 | 4.8834 | -0.5127 | 0.648   | -0.0038 | 0.1315 |
| 1106 | 11.3 | 11   | 3.1181 | 1.7701 | -0.005  | 4.8832 | -0.4535 | 0.6021  | -0.0056 | 0.1431 |
| 1107 | 11.1 | 11   | 3.1257 | 1.7619 | -0.0049 | 4.8827 | -0.3737 | 0.5188  | -0.0063 | 0.1388 |
| 1108 | 11   | 10.9 | 3.1282 | 1.7589 | -0.0047 | 4.8824 | -0.3597 | 0.4893  | -0.0016 | 0.128  |
| 1109 | 10.8 | 10.9 | 3.1306 | 1.7568 | -0.0048 | 4.8826 | -0.3653 | 0.5023  | 0.0004  | 0.1373 |
| 1110 | 11.3 | 11   | 3.1284 | 1.7595 | -0.0051 | 4.8828 | -0.2338 | 0.3618  | 0.0036  | 0.1316 |
| 1111 | 10.8 | 11   | 3.1355 | 1.7527 | -0.005  | 4.8831 | -0.0502 | 0.1771  | 0.0068  | 0.1338 |
| 1112 | 10.7 | 11.1 | 3.148  | 1.7405 | -0.0049 | 4.8836 | 0.0278  | 0.1273  | 0.0081  | 0.1632 |
| 1113 | 11   | 11.1 | 3.1599 | 1.7299 | -0.0051 | 4.8847 | 0.0394  | 0.1278  | 0.0108  | 0.1781 |
| 1114 | 11.1 | 11.1 | 3.1649 | 1.7241 | -0.0051 | 4.8839 | 0.1483  | 0.0424  | 0.0097  | 0.2004 |
| 1115 | 11.4 | 11.1 | 3.1671 | 1.7209 | -0.0051 | 4.883  | 0.2102  | 0.0001  | 0.0077  | 0.218  |
| 1116 | 11.3 | 11.1 | 3.1646 | 1.7226 | -0.0047 | 4.8825 | 0.3721  | -0.1475 | 0.0064  | 0.2309 |
| 1117 | 10.4 | 11.1 | 3.1698 | 1.7162 | -0.0044 | 4.8816 | 0.4373  | -0.2049 | 0.0081  | 0.2406 |
| 1118 | 11.4 | 11.1 | 3.1709 | 1.7159 | -0.0041 | 4.8827 | 0.4802  | -0.2599 | 0.01    | 0.2303 |
| 1119 | 11.5 | 11.1 | 3.1771 | 1.7109 | -0.0042 | 4.8838 | 0.4528  | -0.2166 | 0.006   | 0.2422 |
| 1120 | 11.5 | 11.1 | 3.1822 | 1.7053 | -0.0041 | 4.8834 | 0.337   | -0.1271 | 0.0014  | 0.2114 |
| 1121 | 11.1 | 11.1 | 3.1844 | 1.7027 | -0.0042 | 4.883  | 0.2373  | -0.0426 | -0.0018 | 0.1928 |
| 1122 | 10.9 | 11.2 | 3.1884 | 1.6977 | -0.004  | 4.882  | 0.1391  | 0.0543  | -0.0031 | 0.1903 |
| 1123 | 11.3 | 11.2 | 3.1928 | 1.6945 | -0.0038 | 4.8834 | 0.089   | 0.1022  | -0.0057 | 0.1855 |
| 1124 | 11.4 | 11.2 | 3.1954 | 1.6922 | -0.0038 | 4.8838 | 0.1076  | 0.106   | -0.007  | 0.2065 |
| 1125 | 11.6 | 11.2 | 3.1975 | 1.6905 | -0.0041 | 4.8839 | 0.1478  | 0.0756  | -0.0074 | 0.2159 |
| 1126 | 11.3 | 11.1 | 3.1989 | 1.689  | -0.0041 | 4.8838 | 0.0591  | 0.1749  | -0.0065 | 0.2274 |
| 1127 | 10.8 | 11.2 | 3.1985 | 1.6895 | -0.0042 | 4.8839 | 0.046   | 0.1879  | -0.005  | 0.2289 |
| 1128 | 10.9 | 11.2 | 3.2012 | 1.687  | -0.0043 | 4.8838 | 0.0223  | 0.203   | -0.0043 | 0.2209 |
| 1129 | 10.9 | 11.2 | 3.204  | 1.6842 | -0.0044 | 4.8838 | 0.0508  | 0.1627  | -0.0035 | 0.21   |
| 1130 | 11.1 | 11.2 | 3.2036 | 1.6841 | -0.0043 | 4.8834 | 0.1764  | 0.0396  | -0.0001 | 0.2159 |
| 1131 | 11.4 | 11.2 | 3.2051 | 1.6814 | -0.0043 | 4.8822 | 0.2954  | -0.0771 | 0.0013  | 0.2196 |
| 1132 | 11.2 | 11.2 | 3.212  | 1.6753 | -0.0042 | 4.8831 | 0.36    | -0.1322 | 0       | 0.2279 |
| 1133 | 10.9 | 11.2 | 3.2141 | 1.6736 | -0.0042 | 4.8835 | 0.4331  | -0.2183 | 0.0028  | 0.2175 |
| 1134 | 11.2 | 11.2 | 3.2092 | 1.6783 | -0.0043 | 4.8832 | 0.6052  | -0.4218 | 0.0095  | 0.1929 |
| 1135 | 10.8 | 11.2 | 3.2062 | 1.6807 | -0.004  | 4.8828 | 0.6807  | -0.497  | 0.0168  | 0.2005 |
| 1136 | 11.1 | 11.2 | 3.202  | 1.685  | -0.004  | 4.883  | 0.6143  | -0.4294 | 0.017   | 0.2019 |
| 1137 | 11.6 | 11.2 | 3.1997 | 1.6876 | -0.0038 | 4.8835 | 0.6058  | -0.4162 | 0.0181  | 0.2077 |
| 1138 | 11.1 | 11.3 | 3.1976 | 1.6891 | -0.004  | 4.8828 | 0.6135  | -0.4208 | 0.0201  | 0.2128 |

|      |      |      |        |        |         |        |         |         |        |        |
|------|------|------|--------|--------|---------|--------|---------|---------|--------|--------|
| 1139 | 11.9 | 11.3 | 3.1969 | 1.6895 | -0.0045 | 4.8818 | 0.5888  | -0.3814 | 0.0209 | 0.2283 |
| 1140 | 11.7 | 11.3 | 3.1892 | 1.6968 | -0.0044 | 4.8816 | 0.4753  | -0.2584 | 0.0194 | 0.2363 |
| 1141 | 11.3 | 11.3 | 3.1849 | 1.6999 | -0.0044 | 4.8804 | 0.3471  | -0.1307 | 0.0202 | 0.2367 |
| 1142 | 11.4 | 11.3 | 3.1799 | 1.7042 | -0.0045 | 4.8796 | 0.2582  | -0.0372 | 0.0231 | 0.2441 |
| 1143 | 11.6 | 11.3 | 3.1744 | 1.7094 | -0.0046 | 4.8791 | 0.2836  | -0.09   | 0.0258 | 0.2194 |
| 1144 | 11.4 | 11.3 | 3.1647 | 1.7185 | -0.005  | 4.8782 | 0.2669  | -0.0765 | 0.0229 | 0.2133 |
| 1145 | 10.9 | 11.4 | 3.1532 | 1.7269 | -0.0053 | 4.8748 | 0.2788  | -0.0801 | 0.015  | 0.2138 |
| 1146 | 11.4 | 11.4 | 3.1513 | 1.7294 | -0.0054 | 4.8752 | 0.3111  | -0.1088 | 0.0105 | 0.2128 |
| 1147 | 11.3 | 11.3 | 3.1582 | 1.7213 | -0.0051 | 4.8744 | 0.2787  | -0.0867 | 0.0124 | 0.2044 |
| 1148 | 11.1 | 11.3 | 3.164  | 1.7143 | -0.0049 | 4.8734 | 0.2107  | -0.0301 | 0.0168 | 0.1974 |
| 1149 | 11.5 | 11.3 | 3.1623 | 1.7164 | -0.005  | 4.8737 | 0.2196  | -0.041  | 0.0235 | 0.2021 |
| 1150 | 11.3 | 11.3 | 3.1566 | 1.7218 | -0.0052 | 4.8732 | 0.1639  | 0.0197  | 0.0231 | 0.2067 |
| 1151 | 11.1 | 11.2 | 3.1513 | 1.7268 | -0.0051 | 4.873  | 0.0353  | 0.172   | 0.0241 | 0.2314 |
| 1152 | 11.1 | 11.2 | 3.1481 | 1.7294 | -0.005  | 4.8725 | -0.0087 | 0.2108  | 0.0205 | 0.2226 |
| 1153 | 11.4 | 11.2 | 3.1456 | 1.7325 | -0.0049 | 4.8732 | -0.0671 | 0.2433  | 0.0167 | 0.1929 |
| 1154 | 11.8 | 11.1 | 3.1443 | 1.7337 | -0.005  | 4.873  | -0.1628 | 0.3364  | 0.0154 | 0.189  |
| 1155 | 11.1 | 11.1 | 3.1456 | 1.7314 | -0.005  | 4.8719 | -0.0845 | 0.2554  | 0.0152 | 0.1861 |
| 1156 | 10.8 | 11.1 | 3.1387 | 1.7381 | -0.0051 | 4.8717 | 0.0846  | 0.0794  | 0.015  | 0.179  |
| 1157 | 10.8 | 11.1 | 3.1323 | 1.7449 | -0.0052 | 4.872  | 0.2007  | -0.0266 | 0.0143 | 0.1885 |
| 1158 | 11.4 | 11.1 | 3.1324 | 1.7442 | -0.0054 | 4.8711 | 0.2703  | -0.0963 | 0.017  | 0.191  |
| 1159 | 11.4 | 11.1 | 3.1191 | 1.7572 | -0.0057 | 4.8706 | 0.2913  | -0.1229 | 0.0178 | 0.1862 |
| 1160 | 10.9 | 11.1 | 3.1082 | 1.7673 | -0.0059 | 4.8696 | 0.2842  | -0.1079 | 0.0151 | 0.1915 |
| 1161 | 10.6 | 11.1 | 3.1011 | 1.774  | -0.006  | 4.8691 | 0.2042  | -0.026  | 0.0115 | 0.1897 |
| 1162 | 10.8 | 11   | 3.0974 | 1.7771 | -0.0062 | 4.8682 | 0.2017  | 0.008   | 0.0126 | 0.2223 |
| 1163 | 10.8 | 11   | 3.0881 | 1.7848 | -0.006  | 4.8669 | 0.2244  | -0.0186 | 0.0124 | 0.2182 |
| 1164 | 10.7 | 10.9 | 3.0843 | 1.7876 | -0.0056 | 4.8663 | 0.2778  | -0.0728 | 0.0096 | 0.2147 |
| 1165 | 10.7 | 10.9 | 3.0722 | 1.7985 | -0.0054 | 4.8653 | 0.3736  | -0.1743 | 0.0081 | 0.2074 |
| 1166 | 11.2 | 10.9 | 3.0682 | 1.802  | -0.0058 | 4.8644 | 0.3494  | -0.1602 | 0.0089 | 0.1981 |
| 1167 | 11.2 | 10.9 | 3.0661 | 1.805  | -0.0062 | 4.8649 | 0.23    | -0.0539 | 0.0126 | 0.1886 |
| 1168 | 11.5 | 10.9 | 3.0702 | 1.7993 | -0.0059 | 4.8635 | 0.3205  | -0.146  | 0.0129 | 0.1875 |
| 1169 | 10.9 | 10.9 | 3.0816 | 1.7901 | -0.0054 | 4.8663 | 0.377   | -0.1766 | 0.0159 | 0.2163 |
| 1170 | 11   | 10.9 | 3.0894 | 1.7841 | -0.0049 | 4.8685 | 0.4361  | -0.2445 | 0.0142 | 0.2059 |
| 1171 | 10.9 | 10.9 | 3.0991 | 1.7752 | -0.0047 | 4.8696 | 0.5606  | -0.3703 | 0.0158 | 0.2062 |
| 1172 | 10.7 | 10.9 | 3.1087 | 1.7661 | -0.0044 | 4.8704 | 0.6582  | -0.4644 | 0.0152 | 0.2091 |
| 1173 | 10.5 | 10.9 | 3.1076 | 1.7649 | -0.0043 | 4.8682 | 0.6987  | -0.52   | 0.0164 | 0.1951 |
| 1174 | 10.8 | 10.9 | 3.1082 | 1.7638 | -0.0043 | 4.8677 | 0.7799  | -0.6017 | 0.0174 | 0.1956 |
| 1175 | 10.8 | 10.9 | 3.1117 | 1.7592 | -0.0044 | 4.8665 | 0.7608  | -0.5861 | 0.0168 | 0.1916 |

|      |      |      |        |        |         |        |        |         |         |        |
|------|------|------|--------|--------|---------|--------|--------|---------|---------|--------|
| 1176 | 10.6 | 10.9 | 3.1149 | 1.756  | -0.0046 | 4.8663 | 0.7536 | -0.5837 | 0.0144  | 0.1843 |
| 1177 | 10.8 | 10.9 | 3.1192 | 1.7523 | -0.0046 | 4.867  | 0.8004 | -0.6303 | 0.0122  | 0.1822 |
| 1178 | 11   | 10.8 | 3.1152 | 1.7566 | -0.0045 | 4.8672 | 0.8195 | -0.6392 | 0.0106  | 0.191  |
| 1179 | 11.2 | 10.9 | 3.1043 | 1.7674 | -0.0048 | 4.8669 | 0.8595 | -0.6813 | 0.0084  | 0.1866 |
| 1180 | 10.6 | 10.9 | 3.0902 | 1.7814 | -0.0049 | 4.8668 | 0.8394 | -0.6658 | 0.0056  | 0.1793 |
| 1181 | 10.8 | 10.9 | 3.0817 | 1.7892 | -0.0047 | 4.8662 | 0.775  | -0.5991 | 0.0047  | 0.1807 |
| 1182 | 10.8 | 10.9 | 3.0753 | 1.7957 | -0.005  | 4.866  | 0.7376 | -0.5731 | 0.0067  | 0.1713 |
| 1183 | 11   | 11   | 3.0671 | 1.8068 | -0.0054 | 4.8685 | 0.7433 | -0.5842 | 0.0093  | 0.1685 |
| 1184 | 10.9 | 11   | 3.0664 | 1.8074 | -0.006  | 4.8678 | 0.7803 | -0.6311 | 0.0123  | 0.1615 |
| 1185 | 10.7 | 11.1 | 3.0723 | 1.8011 | -0.006  | 4.8674 | 0.8219 | -0.6737 | 0.0132  | 0.1614 |
| 1186 | 10.7 | 11.1 | 3.0722 | 1.8005 | -0.0061 | 4.8666 | 0.8574 | -0.7176 | 0.0142  | 0.154  |
| 1187 | 11.2 | 11.1 | 3.0701 | 1.8019 | -0.0063 | 4.8657 | 0.8874 | -0.7473 | 0.0147  | 0.1548 |
| 1188 | 11.6 | 11.1 | 3.0724 | 1.7993 | -0.0064 | 4.8653 | 0.9953 | -0.8406 | 0.0199  | 0.1746 |
| 1189 | 11.3 | 11.2 | 3.081  | 1.7896 | -0.0064 | 4.8642 | 1.0268 | -0.8934 | 0.0182  | 0.1516 |
| 1190 | 10.9 | 11.2 | 3.0904 | 1.78   | -0.0066 | 4.8637 | 1.1223 | -0.98   | 0.0138  | 0.1562 |
| 1191 | 11.1 | 11.2 | 3.094  | 1.7751 | -0.0069 | 4.8622 | 1.0861 | -0.9446 | 0.0123  | 0.1538 |
| 1192 | 11.5 | 11.2 | 3.0857 | 1.7842 | -0.0074 | 4.8625 | 1.0395 | -0.8929 | 0.0109  | 0.1576 |
| 1193 | 12.1 | 11.3 | 3.081  | 1.7885 | -0.0072 | 4.8623 | 0.9744 | -0.8528 | 0.0068  | 0.1285 |
| 1194 | 11.9 | 11.3 | 3.0766 | 1.7927 | -0.0068 | 4.8625 | 0.8893 | -0.7681 | 0.0046  | 0.1258 |
| 1195 | 11.3 | 11.3 | 3.0712 | 1.7973 | -0.0065 | 4.862  | 0.7189 | -0.6054 | 0.0034  | 0.1169 |
| 1196 | 10.8 | 11.3 | 3.0748 | 1.7933 | -0.0067 | 4.8613 | 0.5919 | -0.5082 | 0.0004  | 0.0841 |
| 1197 | 11.5 | 11.3 | 3.0812 | 1.7866 | -0.007  | 4.8608 | 0.5811 | -0.4869 | -0.0002 | 0.094  |
| 1198 | 11.7 | 11.2 | 3.0815 | 1.7866 | -0.0071 | 4.8611 | 0.7146 | -0.6314 | 0.0029  | 0.0861 |
| 1199 | 11.2 | 11.2 | 3.0868 | 1.7817 | -0.0072 | 4.8613 | 0.7847 | -0.7132 | 0.0054  | 0.077  |
| 1200 | 10.9 | 11.2 | 3.0987 | 1.7702 | -0.0071 | 4.8618 | 0.7588 | -0.6837 | 0.0056  | 0.0808 |
| 1201 | 11.2 | 11.1 | 3.1028 | 1.7675 | -0.0068 | 4.8635 | 0.67   | -0.5931 | 0.0031  | 0.08   |
| 1202 | 11.6 | 11.1 | 3.1066 | 1.7641 | -0.0063 | 4.8644 | 0.6327 | -0.5659 | 0.0033  | 0.0702 |
| 1203 | 11.2 | 10.9 | 3.115  | 1.7555 | -0.006  | 4.8646 | 0.686  | -0.6287 | 0.0049  | 0.0621 |
| 1204 | 11   | 10.9 | 3.113  | 1.7578 | -0.0061 | 4.8647 | 0.6915 | -0.6062 | 0.0065  | 0.0918 |
| 1205 | 10.8 | 10.8 | 3.1043 | 1.7676 | -0.0064 | 4.8655 | 0.665  | -0.5745 | 0.0068  | 0.0973 |
| 1206 | 10.8 | 10.8 | 3.0981 | 1.7727 | -0.0064 | 4.8644 | 0.6843 | -0.6011 | 0.0062  | 0.0894 |
| 1207 | 10.7 | 10.7 | 3.0987 | 1.7716 | -0.0066 | 4.8637 | 0.6175 | -0.5353 | 0.0043  | 0.0865 |
| 1208 | 10.4 | 10.6 | 3.0991 | 1.7712 | -0.0065 | 4.8638 | 0.5514 | -0.4729 | 0.0037  | 0.0823 |
| 1209 | 10.5 | 10.6 | 3.1022 | 1.7675 | -0.0063 | 4.8635 | 0.564  | -0.5004 | 0.0019  | 0.0655 |
| 1210 | 10.3 | 10.6 | 3.108  | 1.7621 | -0.0063 | 4.8639 | 0.4625 | -0.3933 | -0.0012 | 0.0679 |
| 1211 | 10.2 | 10.5 | 3.1153 | 1.7519 | -0.0063 | 4.8609 | 0.4067 | -0.3381 | -0.0028 | 0.0658 |
| 1212 | 10.1 | 10.4 | 3.1256 | 1.7423 | -0.0061 | 4.8617 | 0.3821 | -0.3077 | -0.0046 | 0.0698 |

|      |      |      |        |        |         |        |         |         |         |         |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|---------|
| 1213 | 10.5 | 10.4 | 3.1321 | 1.7372 | -0.006  | 4.8633 | 0.3458  | -0.2842 | -0.0098 | 0.0517  |
| 1214 | 9.92 | 10.4 | 3.1275 | 1.7416 | -0.0059 | 4.8632 | 0.2606  | -0.2098 | -0.0083 | 0.0425  |
| 1215 | 10.3 | 10.4 | 3.1322 | 1.737  | -0.006  | 4.8632 | 0.1926  | -0.1488 | -0.0017 | 0.0421  |
| 1216 | 10.4 | 10.4 | 3.1416 | 1.728  | -0.006  | 4.8636 | 0.0546  | -0.0248 | 0.0024  | 0.0322  |
| 1217 | 10.1 | 10.4 | 3.1377 | 1.7308 | -0.0057 | 4.8628 | 0.0075  | 0.0233  | 0.0019  | 0.0328  |
| 1218 | 10.5 | 10.5 | 3.1332 | 1.7336 | -0.0057 | 4.8611 | -0.0396 | 0.0902  | -0.0017 | 0.049   |
| 1219 | 10   | 10.5 | 3.1335 | 1.7354 | -0.0056 | 4.8632 | 0.0539  | -0.017  | 0.0048  | 0.0417  |
| 1220 | 10.1 | 10.6 | 3.1262 | 1.7424 | -0.0057 | 4.8628 | 0.1895  | -0.1158 | 0.0093  | 0.0829  |
| 1221 | 10.7 | 10.7 | 3.1186 | 1.7492 | -0.0057 | 4.8621 | 0.4095  | -0.3064 | 0.0095  | 0.1126  |
| 1222 | 10.4 | 10.8 | 3.1185 | 1.7497 | -0.0057 | 4.8625 | 0.5456  | -0.4402 | 0.0108  | 0.1162  |
| 1223 | 10.3 | 10.9 | 3.1148 | 1.7546 | -0.0056 | 4.8639 | 0.6316  | -0.5205 | 0.0126  | 0.1237  |
| 1224 | 10.5 | 11   | 3.1193 | 1.7508 | -0.0055 | 4.8646 | 0.6595  | -0.5777 | 0.013   | 0.0949  |
| 1225 | 11.4 | 11.1 | 3.1222 | 1.7489 | -0.0055 | 4.8655 | 0.6806  | -0.6084 | 0.0132  | 0.0854  |
| 1226 | 11.5 | 11.2 | 3.1189 | 1.7521 | -0.0054 | 4.8656 | 0.7233  | -0.6615 | 0.0103  | 0.072   |
| 1227 | 11.2 | 11.2 | 3.1166 | 1.7534 | -0.0053 | 4.8648 | 0.744   | -0.678  | 0.0084  | 0.0744  |
| 1228 | 11.3 | 11.3 | 3.1152 | 1.7551 | -0.0052 | 4.8651 | 0.7736  | -0.701  | 0.0094  | 0.082   |
| 1229 | 11.8 | 11.3 | 3.12   | 1.7508 | -0.005  | 4.8658 | 0.7415  | -0.6815 | 0.0084  | 0.0684  |
| 1230 | 11.9 | 11.4 | 3.1261 | 1.7441 | -0.0048 | 4.8653 | 0.6276  | -0.5732 | 0.0028  | 0.0572  |
| 1231 | 12.1 | 11.5 | 3.1313 | 1.7387 | -0.005  | 4.8651 | 0.4434  | -0.3912 | -0.002  | 0.0502  |
| 1232 | 12.2 | 11.6 | 3.1376 | 1.7337 | -0.0052 | 4.8662 | 0.3186  | -0.2909 | -0.0029 | 0.0249  |
| 1233 | 12   | 11.6 | 3.136  | 1.7367 | -0.0054 | 4.8673 | 0.197   | -0.1742 | -0.0044 | 0.0184  |
| 1234 | 11.6 | 11.7 | 3.127  | 1.7456 | -0.0056 | 4.8671 | 0.0362  | 0.0149  | -0.007  | 0.0442  |
| 1235 | 12.2 | 11.7 | 3.1204 | 1.7525 | -0.0055 | 4.8674 | -0.0144 | 0.0709  | -0.0121 | 0.0444  |
| 1236 | 11.4 | 11.7 | 3.1132 | 1.7598 | -0.0055 | 4.8675 | 0.037   | 0.0161  | -0.0135 | 0.0395  |
| 1237 | 11.2 | 11.7 | 3.1001 | 1.7717 | -0.0058 | 4.8661 | 0.0395  | 0.0085  | -0.0167 | 0.0313  |
| 1238 | 11.5 | 11.7 | 3.0949 | 1.7785 | -0.0058 | 4.8676 | -0.0174 | 0.0628  | -0.0191 | 0.0263  |
| 1239 | 11.7 | 11.6 | 3.0846 | 1.7875 | -0.0059 | 4.8662 | -0.0253 | 0.0639  | -0.019  | 0.0197  |
| 1240 | 12.5 | 11.6 | 3.0806 | 1.7912 | -0.0056 | 4.8662 | 0.0306  | -0.0089 | -0.0167 | 0.005   |
| 1241 | 11.9 | 11.6 | 3.081  | 1.7891 | -0.0055 | 4.8646 | 0.115   | -0.09   | -0.0214 | 0.0037  |
| 1242 | 11.2 | 11.5 | 3.0825 | 1.7894 | -0.0052 | 4.8667 | 0.1077  | -0.078  | -0.0245 | 0.0052  |
| 1243 | 11.7 | 11.4 | 3.0855 | 1.7862 | -0.0051 | 4.8665 | 0.0001  | 0.0229  | -0.0287 | -0.0057 |
| 1244 | 11.4 | 11.4 | 3.0928 | 1.779  | -0.0053 | 4.8665 | -0.1133 | 0.1428  | -0.027  | 0.0025  |
| 1245 | 11.3 | 11.3 | 3.094  | 1.7777 | -0.0053 | 4.8664 | -0.1633 | 0.1929  | -0.0236 | 0.006   |
| 1246 | 11   | 11.4 | 3.0932 | 1.7781 | -0.0054 | 4.8658 | -0.2194 | 0.2437  | -0.0196 | 0.0047  |
| 1247 | 11.2 | 11.4 | 3.0868 | 1.7845 | -0.0054 | 4.8658 | -0.1978 | 0.2217  | -0.0182 | 0.0056  |
| 1248 | 10.9 | 11.4 | 3.0856 | 1.7856 | -0.0054 | 4.8657 | -0.1224 | 0.1445  | -0.0163 | 0.0058  |
| 1249 | 11.4 | 11.4 | 3.0864 | 1.7848 | -0.0056 | 4.8656 | -0.0878 | 0.1138  | -0.0127 | 0.0134  |

|      |      |      |        |        |         |        |        |         |         |        |
|------|------|------|--------|--------|---------|--------|--------|---------|---------|--------|
| 1250 | 11.1 | 11.4 | 3.0896 | 1.7811 | -0.0055 | 4.8652 | 0.0182 | 0.0114  | -0.0124 | 0.0172 |
| 1251 | 10.8 | 11.3 | 3.088  | 1.7834 | -0.0054 | 4.866  | 0.2091 | -0.1779 | -0.0125 | 0.0187 |
| 1252 | 10.9 | 11.3 | 3.0795 | 1.7923 | -0.0055 | 4.8663 | 0.312  | -0.257  | -0.0086 | 0.0464 |
| 1253 | 11   | 11.3 | 3.0764 | 1.7932 | -0.0056 | 4.864  | 0.3853 | -0.3159 | -0.0018 | 0.0676 |
| 1254 | 11.4 | 11.3 | 3.0778 | 1.7912 | -0.0057 | 4.8633 | 0.5738 | -0.4754 | 0.0029  | 0.1012 |
| 1255 | 11.5 | 11.3 | 3.0772 | 1.7915 | -0.0057 | 4.863  | 0.6694 | -0.5978 | 0.0028  | 0.0744 |
| 1256 | 11.8 | 11.3 | 3.0769 | 1.7917 | -0.0055 | 4.8631 | 0.6694 | -0.5874 | 0.0014  | 0.0834 |
| 1257 | 12.1 | 11.3 | 3.0771 | 1.7922 | -0.0056 | 4.8637 | 0.6759 | -0.5853 | -0.0005 | 0.0901 |
| 1258 | 11.5 | 11.4 | 3.076  | 1.7942 | -0.0056 | 4.8646 | 0.6701 | -0.5698 | -0.0048 | 0.0954 |
| 1259 | 11.5 | 11.3 | 3.0728 | 1.7966 | -0.0056 | 4.8638 | 0.6562 | -0.5512 | -0.0048 | 0.1003 |
| 1260 | 11.5 | 11.3 | 3.0675 | 1.8011 | -0.0056 | 4.863  | 0.7138 | -0.6163 | -0.0044 | 0.0931 |
| 1261 | 11.3 | 11.4 | 3.0629 | 1.8047 | -0.0055 | 4.8621 | 0.6936 | -0.5994 | -0.0057 | 0.0884 |
| 1262 | 11.3 | 11.4 | 3.0628 | 1.8055 | -0.0052 | 4.8631 | 0.7569 | -0.6936 | -0.006  | 0.0573 |
| 1263 | 11.3 | 11.4 | 3.0621 | 1.8057 | -0.0052 | 4.8627 | 0.8466 | -0.7789 | -0.0044 | 0.0633 |
| 1264 | 11.3 | 11.3 | 3.065  | 1.8025 | -0.0054 | 4.8621 | 0.8125 | -0.7636 | -0.0035 | 0.0453 |
| 1265 | 11.1 | 11.3 | 3.0668 | 1.801  | -0.0057 | 4.862  | 0.75   | -0.6782 | -0.0059 | 0.0659 |
| 1266 | 11.5 | 11.3 | 3.0674 | 1.7997 | -0.006  | 4.8611 | 0.7544 | -0.6793 | -0.0117 | 0.0634 |
| 1267 | 11.4 | 11.2 | 3.0701 | 1.7959 | -0.006  | 4.8601 | 0.8111 | -0.7317 | -0.011  | 0.0684 |
| 1268 | 11   | 11.2 | 3.0648 | 1.801  | -0.0064 | 4.8594 | 0.7302 | -0.6605 | -0.0086 | 0.0611 |
| 1269 | 11   | 11.1 | 3.0626 | 1.8016 | -0.0063 | 4.858  | 0.6841 | -0.6165 | -0.0099 | 0.0577 |
| 1270 | 11.6 | 11.1 | 3.0485 | 1.8147 | -0.0059 | 4.8573 | 0.7521 | -0.6592 | -0.0079 | 0.085  |
| 1271 | 10.7 | 11.1 | 3.0445 | 1.8192 | -0.0058 | 4.8579 | 0.7427 | -0.6721 | -0.0074 | 0.0632 |
| 1272 | 11.2 | 11   | 3.0455 | 1.8182 | -0.0057 | 4.858  | 0.7295 | -0.6822 | -0.007  | 0.0403 |
| 1273 | 11.1 | 11   | 3.0417 | 1.8226 | -0.0056 | 4.8587 | 0.8049 | -0.7513 | -0.0064 | 0.0472 |
| 1274 | 10.7 | 10.9 | 3.0401 | 1.8246 | -0.0056 | 4.8592 | 0.8647 | -0.7895 | -0.0064 | 0.0688 |
| 1275 | 11.2 | 10.9 | 3.0394 | 1.8254 | -0.0055 | 4.8593 | 1.0055 | -0.9157 | -0.0042 | 0.0855 |
| 1276 | 11.3 | 10.9 | 3.0405 | 1.8238 | -0.0054 | 4.8588 | 1.086  | -1.0012 | -0.0012 | 0.0835 |
| 1277 | 10.8 | 10.9 | 3.0418 | 1.8224 | -0.0055 | 4.8588 | 1.0775 | -0.9932 | 0.0037  | 0.0879 |
| 1278 | 10.7 | 10.9 | 3.041  | 1.8247 | -0.0054 | 4.8604 | 1.0655 | -0.9804 | 0.0079  | 0.093  |
| 1279 | 10.7 | 11   | 3.0415 | 1.8247 | -0.0051 | 4.8612 | 1.0764 | -0.9791 | 0.0137  | 0.111  |
| 1280 | 10.6 | 11   | 3.0459 | 1.8206 | -0.0047 | 4.8617 | 1.0881 | -0.9845 | 0.021   | 0.1246 |
| 1281 | 10.5 | 11.1 | 3.0498 | 1.8183 | -0.0044 | 4.8637 | 1.0765 | -0.9713 | 0.0239  | 0.1292 |
| 1282 | 10.4 | 11.1 | 3.0556 | 1.8131 | -0.0045 | 4.8642 | 0.9929 | -0.8841 | 0.0184  | 0.1272 |
| 1283 | 10.4 | 11.2 | 3.0634 | 1.8054 | -0.0047 | 4.8641 | 0.9459 | -0.7696 | 0.0134  | 0.1897 |
| 1284 | 10.7 | 11.3 | 3.0678 | 1.8003 | -0.0048 | 4.8633 | 0.846  | -0.7001 | 0.0095  | 0.1553 |
| 1285 | 10.8 | 11.4 | 3.0686 | 1.7995 | -0.0046 | 4.8635 | 0.6282 | -0.4823 | 0.0049  | 0.1508 |
| 1286 | 11.3 | 11.4 | 3.0683 | 1.7996 | -0.0044 | 4.8635 | 0.5179 | -0.3737 | 0.005   | 0.1491 |

|      |      |      |        |        |         |        |         |         |         |        |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|--------|
| 1287 | 11.8 | 11.5 | 3.0719 | 1.7956 | -0.0044 | 4.8631 | 0.374   | -0.2392 | 0.0033  | 0.138  |
| 1288 | 11.8 | 11.5 | 3.0749 | 1.7929 | -0.0045 | 4.8633 | 0.2354  | -0.115  | -0.0001 | 0.1203 |
| 1289 | 12   | 11.6 | 3.0779 | 1.7905 | -0.0047 | 4.8637 | 0.1952  | -0.0602 | -0.0005 | 0.1345 |
| 1290 | 12.5 | 11.6 | 3.0789 | 1.789  | -0.0045 | 4.8634 | 0.0747  | 0.0442  | -0.0025 | 0.1164 |
| 1291 | 12.7 | 11.6 | 3.0832 | 1.7829 | -0.0045 | 4.8617 | -0.0253 | 0.1402  | -0.0017 | 0.1132 |
| 1292 | 12.4 | 11.7 | 3.0857 | 1.7819 | -0.0045 | 4.8631 | -0.0431 | 0.1378  | -0.0001 | 0.0945 |
| 1293 | 12.5 | 11.7 | 3.0923 | 1.7742 | -0.0045 | 4.862  | -0.007  | 0.1144  | 0.0045  | 0.112  |
| 1294 | 12.3 | 11.8 | 3.0929 | 1.7734 | -0.0044 | 4.8619 | 0.0212  | 0.0736  | 0.007   | 0.1018 |
| 1295 | 11.9 | 11.8 | 3.0931 | 1.7729 | -0.0046 | 4.8615 | 0.1246  | -0.0351 | 0.006   | 0.0955 |
| 1296 | 12.2 | 11.8 | 3.0946 | 1.7711 | -0.0049 | 4.8608 | 0.1663  | -0.0723 | 0.0046  | 0.0986 |
| 1297 | 11.9 | 11.8 | 3.0934 | 1.7722 | -0.0054 | 4.8603 | 0.1603  | -0.0634 | 0.0037  | 0.1005 |
| 1298 | 11.3 | 11.8 | 3.0903 | 1.7752 | -0.0058 | 4.8597 | 0.1026  | -0.004  | 0.0056  | 0.1042 |
| 1299 | 10.9 | 11.7 | 3.085  | 1.7806 | -0.006  | 4.8596 | 0.0341  | 0.0694  | 0.0072  | 0.1107 |
| 1300 | 11.1 | 11.6 | 3.0778 | 1.788  | -0.0059 | 4.8599 | -0.0071 | 0.113   | 0.0072  | 0.1131 |
| 1301 | 11.4 | 11.5 | 3.0716 | 1.7931 | -0.0059 | 4.8589 | -0.0909 | 0.2     | 0.0064  | 0.1155 |
| 1302 | 11.8 | 11.4 | 3.068  | 1.7957 | -0.0062 | 4.8576 | -0.147  | 0.2669  | 0.0047  | 0.1247 |
| 1303 | 11.5 | 11.3 | 3.0576 | 1.8031 | -0.0062 | 4.8545 | -0.2481 | 0.3867  | 0.0023  | 0.141  |
| 1304 | 11.4 | 11.1 | 3.046  | 1.8176 | -0.0064 | 4.8572 | -0.3592 | 0.4724  | -0.0033 | 0.11   |
| 1305 | 11.3 | 11   | 3.0374 | 1.8263 | -0.0066 | 4.8571 | -0.3944 | 0.5182  | -0.0061 | 0.1177 |
| 1306 | 11.4 | 11   | 3.0305 | 1.8313 | -0.0064 | 4.8554 | -0.4306 | 0.543   | -0.0071 | 0.1053 |
| 1307 | 11.2 | 10.9 | 3.0317 | 1.8286 | -0.0061 | 4.8541 | -0.4898 | 0.6021  | -0.008  | 0.1043 |
| 1308 | 10.7 | 10.8 | 3.0334 | 1.8263 | -0.006  | 4.8538 | -0.5224 | 0.6381  | -0.0083 | 0.1074 |
| 1309 | 10   | 10.8 | 3.0308 | 1.8292 | -0.0058 | 4.8542 | -0.5562 | 0.684   | -0.0064 | 0.1214 |
| 1310 | 10.5 | 10.9 | 3.0387 | 1.8221 | -0.0057 | 4.855  | -0.6246 | 0.7558  | -0.0064 | 0.1248 |
| 1311 | 10.8 | 10.8 | 3.0396 | 1.8212 | -0.0057 | 4.8551 | -0.6475 | 0.7681  | -0.0082 | 0.1124 |
| 1312 | 10.3 | 10.8 | 3.0409 | 1.8202 | -0.0057 | 4.8554 | -0.6838 | 0.7851  | -0.0102 | 0.0912 |
| 1313 | 9.83 | 10.8 | 3.0509 | 1.8135 | -0.0057 | 4.8587 | -0.6726 | 0.7827  | -0.0085 | 0.1016 |
| 1314 | 10.3 | 10.9 | 3.0525 | 1.8094 | -0.0053 | 4.8566 | -0.7077 | 0.8454  | -0.0081 | 0.1296 |
| 1315 | 10.7 | 10.9 | 3.0567 | 1.8049 | -0.0048 | 4.8568 | -0.7549 | 0.8742  | -0.0115 | 0.1079 |
| 1316 | 10.2 | 10.9 | 3.0605 | 1.8012 | -0.0049 | 4.8568 | -0.7697 | 0.8711  | -0.0159 | 0.0856 |
| 1317 | 10.4 | 11   | 3.0647 | 1.7968 | -0.0048 | 4.8567 | -0.7747 | 0.8835  | -0.0196 | 0.0892 |
| 1318 | 11   | 11   | 3.0648 | 1.7953 | -0.0047 | 4.8553 | -0.7716 | 0.8607  | -0.0178 | 0.0713 |
| 1319 | 11.6 | 11.1 | 3.0582 | 1.8013 | -0.0048 | 4.8547 | -0.895  | 0.9801  | -0.0192 | 0.0659 |
| 1320 | 11.3 | 11.2 | 3.0519 | 1.8096 | -0.005  | 4.8565 | -0.8906 | 0.9635  | -0.0188 | 0.0541 |
| 1321 | 11.2 | 11.3 | 3.0457 | 1.8174 | -0.005  | 4.8581 | -0.9687 | 1.0283  | -0.015  | 0.0447 |
| 1322 | 11.7 | 11.4 | 3.038  | 1.8249 | -0.005  | 4.8578 | -1.0637 | 1.1193  | -0.0148 | 0.0408 |
| 1323 | 12   | 11.5 | 3.0283 | 1.8336 | -0.0049 | 4.857  | -1.0837 | 1.1345  | -0.0148 | 0.0359 |

|      |      |      |        |        |         |        |         |        |         |        |
|------|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 1324 | 11.7 | 11.5 | 3.0187 | 1.8424 | -0.0051 | 4.856  | -1.1568 | 1.2266 | -0.0149 | 0.0549 |
| 1325 | 12.2 | 11.5 | 3.0136 | 1.849  | -0.0054 | 4.8572 | -1.1933 | 1.2648 | -0.0148 | 0.0567 |
| 1326 | 11.7 | 11.6 | 3.0111 | 1.8514 | -0.0057 | 4.8568 | -1.2653 | 1.3347 | -0.0128 | 0.0565 |
| 1327 | 11.9 | 11.5 | 3.01   | 1.8515 | -0.006  | 4.8555 | -1.284  | 1.3229 | -0.0113 | 0.0275 |
| 1328 | 11.8 | 11.5 | 3.0076 | 1.853  | -0.0065 | 4.854  | -1.3055 | 1.3737 | -0.0119 | 0.0563 |
| 1329 | 12.8 | 11.4 | 3.0112 | 1.8492 | -0.0071 | 4.8534 | -1.3118 | 1.3981 | -0.0098 | 0.0765 |
| 1330 | 11.9 | 11.4 | 3.0184 | 1.8412 | -0.0072 | 4.8524 | -1.3088 | 1.4023 | -0.0062 | 0.0872 |
| 1331 | 12   | 11.4 | 3.032  | 1.8271 | -0.0068 | 4.8523 | -1.2532 | 1.3514 | 0       | 0.0982 |
| 1332 | 11.6 | 11.3 | 3.0431 | 1.8107 | -0.0065 | 4.8472 | -1.2141 | 1.3353 | 0.0064  | 0.1276 |
| 1333 | 11.1 | 11.3 | 3.0514 | 1.8067 | -0.0064 | 4.8518 | -1.1337 | 1.2679 | 0.0087  | 0.1429 |
| 1334 | 11   | 11.2 | 3.0642 | 1.7939 | -0.0061 | 4.852  | -0.9216 | 1.0836 | 0.0097  | 0.1717 |
| 1335 | 10.7 | 11.2 | 3.0686 | 1.7898 | -0.006  | 4.8525 | -0.7271 | 0.8842 | 0.0101  | 0.1672 |
| 1336 | 10.2 | 11.1 | 3.0758 | 1.7837 | -0.0058 | 4.8537 | -0.6596 | 0.7948 | 0.013   | 0.1482 |
| 1337 | 10.3 | 11.1 | 3.0766 | 1.7832 | -0.0058 | 4.854  | -0.6457 | 0.7837 | 0.017   | 0.155  |
| 1338 | 10.3 | 11   | 3.0754 | 1.7845 | -0.0058 | 4.8541 | -0.6084 | 0.7498 | 0.0185  | 0.16   |
| 1339 | 10.5 | 10.9 | 3.0771 | 1.7831 | -0.0056 | 4.8546 | -0.5692 | 0.7207 | 0.0165  | 0.1681 |
| 1340 | 10.6 | 10.9 | 3.0831 | 1.7772 | -0.0055 | 4.8549 | -0.5466 | 0.7017 | 0.011   | 0.1662 |
| 1341 | 10.8 | 10.8 | 3.0853 | 1.7754 | -0.0055 | 4.8552 | -0.5572 | 0.7084 | 0.011   | 0.1622 |
| 1342 | 11.3 | 10.7 | 3.0832 | 1.778  | -0.0056 | 4.8555 | -0.5398 | 0.6751 | 0.0096  | 0.1449 |
| 1343 | 10.9 | 10.8 | 3.0833 | 1.7788 | -0.0058 | 4.8564 | -0.4568 | 0.5996 | 0.0111  | 0.1539 |
| 1344 | 11   | 10.8 | 3.0804 | 1.7825 | -0.0059 | 4.857  | -0.3736 | 0.5055 | 0.0107  | 0.1426 |
| 1345 | 11.1 | 10.8 | 3.0774 | 1.7849 | -0.0058 | 4.8565 | -0.4108 | 0.5429 | 0.0094  | 0.1415 |
| 1346 | 10.7 | 10.9 | 3.0772 | 1.7844 | -0.0058 | 4.8558 | -0.3362 | 0.4588 | 0.0058  | 0.1284 |
| 1347 | 10.7 | 10.9 | 3.0765 | 1.7848 | -0.006  | 4.8554 | -0.3071 | 0.4358 | 0.0026  | 0.1313 |
| 1348 | 10.9 | 10.9 | 3.0821 | 1.7787 | -0.0062 | 4.8547 | -0.396  | 0.5082 | -0.0017 | 0.1105 |
| 1349 | 10.5 | 10.9 | 3.0871 | 1.7735 | -0.0063 | 4.8543 | -0.4422 | 0.5483 | -0.0085 | 0.0976 |
| 1350 | 10.5 | 11   | 3.0987 | 1.7611 | -0.0061 | 4.8537 | -0.5324 | 0.6396 | -0.0081 | 0.099  |
| 1351 | 11.1 | 11   | 3.1027 | 1.7567 | -0.0059 | 4.8535 | -0.6234 | 0.7273 | -0.0049 | 0.099  |
| 1352 | 11.4 | 10.9 | 3.1044 | 1.7536 | -0.0058 | 4.8522 | -0.6832 | 0.78   | -0.0041 | 0.0927 |
| 1353 | 11.4 | 11   | 3.1124 | 1.7459 | -0.0053 | 4.853  | -0.7717 | 0.8656 | -0.0065 | 0.0874 |
| 1354 | 11.3 | 10.9 | 3.1172 | 1.7394 | -0.0051 | 4.8515 | -0.9479 | 1.02   | -0.0083 | 0.0638 |
| 1355 | 11.2 | 10.9 | 3.1202 | 1.7372 | -0.0049 | 4.8525 | -1.1457 | 1.295  | -0.0127 | 0.1366 |
| 1356 | 11.2 | 10.9 | 3.1259 | 1.7315 | -0.0047 | 4.8527 | -1.2034 | 1.3358 | -0.0147 | 0.1177 |
| 1357 | 10.8 | 10.9 | 3.1294 | 1.7284 | -0.0048 | 4.853  | -1.2589 | 1.3727 | -0.0148 | 0.099  |
| 1358 | 10.8 | 10.9 | 3.1316 | 1.7258 | -0.005  | 4.8524 | -1.1885 | 1.2754 | -0.0132 | 0.0737 |
| 1359 | 10.9 | 10.9 | 3.1353 | 1.721  | -0.005  | 4.8513 | -1.1988 | 1.2794 | -0.0093 | 0.0713 |
| 1360 | 10.9 | 10.9 | 3.1323 | 1.7243 | -0.0048 | 4.8518 | -1.2498 | 1.3266 | -0.0094 | 0.0675 |

|      |      |      |        |        |         |        |         |        |         |        |
|------|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 1361 | 10.8 | 10.9 | 3.1313 | 1.7262 | -0.0045 | 4.853  | -1.2223 | 1.2972 | -0.009  | 0.0659 |
| 1362 | 11   | 10.9 | 3.13   | 1.7272 | -0.0043 | 4.8529 | -1.2692 | 1.327  | -0.0084 | 0.0494 |
| 1363 | 10.8 | 10.9 | 3.1329 | 1.7212 | -0.0044 | 4.8497 | -1.3928 | 1.474  | -0.0062 | 0.0749 |
| 1364 | 10.5 | 10.9 | 3.1405 | 1.7151 | -0.0043 | 4.8513 | -1.416  | 1.5645 | -0.0066 | 0.1418 |
| 1365 | 10.5 | 11   | 3.1437 | 1.7138 | -0.0041 | 4.8535 | -1.4533 | 1.5541 | -0.0026 | 0.0981 |
| 1366 | 10.3 | 11   | 3.1449 | 1.7113 | -0.004  | 4.8522 | -1.4123 | 1.5101 | 0.0038  | 0.1015 |
| 1367 | 10.8 | 11   | 3.1473 | 1.7099 | -0.0042 | 4.8529 | -1.3827 | 1.4853 | 0.0038  | 0.1064 |
| 1368 | 10.7 | 11.1 | 3.1543 | 1.703  | -0.0045 | 4.8528 | -1.4392 | 1.5413 | 0.0056  | 0.1077 |
| 1369 | 10.8 | 11.2 | 3.1517 | 1.7053 | -0.0044 | 4.8526 | -1.5377 | 1.6402 | 0.007   | 0.1095 |
| 1370 | 11.3 | 11.2 | 3.1453 | 1.7119 | -0.0044 | 4.8528 | -1.6368 | 1.75   | 0.0067  | 0.12   |
| 1371 | 11.3 | 11.3 | 3.1509 | 1.7073 | -0.0043 | 4.8539 | -1.693  | 1.8398 | 0.008   | 0.1548 |
| 1372 | 11.5 | 11.4 | 3.1539 | 1.7047 | -0.0042 | 4.8544 | -1.711  | 1.8783 | 0.0096  | 0.1768 |
| 1373 | 11.9 | 11.5 | 3.1574 | 1.7    | -0.0041 | 4.8532 | -1.7527 | 1.9341 | 0.0107  | 0.1921 |
| 1374 | 12   | 11.6 | 3.1595 | 1.6982 | -0.0041 | 4.8535 | -1.8397 | 2.022  | 0.0132  | 0.1955 |
| 1375 | 11.4 | 11.6 | 3.1659 | 1.6919 | -0.0042 | 4.8536 | -1.9475 | 2.1234 | 0.0101  | 0.186  |
| 1376 | 11.7 | 11.7 | 3.1689 | 1.6915 | -0.0043 | 4.8561 | -2.0106 | 2.2079 | 0.0045  | 0.2018 |
| 1377 | 12.2 | 11.8 | 3.1724 | 1.685  | -0.0043 | 4.8531 | -2.1039 | 2.299  | 0.0007  | 0.1958 |
| 1378 | 12   | 11.8 | 3.1722 | 1.6849 | -0.0044 | 4.8527 | -2.2073 | 2.3865 | -0.0039 | 0.1753 |
| 1379 | 12   | 11.8 | 3.1724 | 1.6845 | -0.0044 | 4.8525 | -2.2789 | 2.4339 | -0.0108 | 0.1442 |
| 1380 | 12.4 | 11.8 | 3.1712 | 1.6854 | -0.0047 | 4.8519 | -2.3272 | 2.4824 | -0.0181 | 0.1371 |
| 1381 | 12.4 | 11.8 | 3.1713 | 1.6848 | -0.0051 | 4.8509 | -2.3413 | 2.478  | -0.0262 | 0.1105 |
| 1382 | 12.4 | 11.9 | 3.169  | 1.6863 | -0.0054 | 4.8499 | -2.2274 | 2.3565 | -0.024  | 0.105  |
| 1383 | 12.1 | 11.9 | 3.1556 | 1.697  | -0.0056 | 4.847  | -2.0894 | 2.1709 | -0.021  | 0.0606 |
| 1384 | 12   | 11.8 | 3.1406 | 1.7119 | -0.0058 | 4.8466 | -1.9944 | 2.1107 | -0.018  | 0.0983 |
| 1385 | 11.7 | 11.7 | 3.1346 | 1.72   | -0.0059 | 4.8487 | -1.9104 | 2.0301 | -0.0194 | 0.1003 |
| 1386 | 11.6 | 11.7 | 3.1328 | 1.7213 | -0.0061 | 4.848  | -1.9061 | 2.0153 | -0.0187 | 0.0905 |
| 1387 | 11.2 | 11.6 | 3.1327 | 1.7206 | -0.0062 | 4.8471 | -1.7732 | 1.8425 | -0.014  | 0.0552 |
| 1388 | 11   | 11.5 | 3.1318 | 1.7208 | -0.0061 | 4.8465 | -1.593  | 1.6901 | -0.012  | 0.0851 |
| 1389 | 11.6 | 11.4 | 3.1326 | 1.7203 | -0.0058 | 4.8471 | -1.4712 | 1.5463 | -0.0076 | 0.0675 |
| 1390 | 12   | 11.3 | 3.1346 | 1.7181 | -0.0056 | 4.8471 | -1.4648 | 1.5524 | -0.0045 | 0.0831 |
| 1391 | 12.1 | 11.2 | 3.1372 | 1.7154 | -0.0055 | 4.8472 | -1.478  | 1.5608 | -0.0045 | 0.0783 |
| 1392 | 11.8 | 11.1 | 3.1314 | 1.7219 | -0.0056 | 4.8477 | -1.5735 | 1.6707 | -0.0036 | 0.0935 |
| 1393 | 10.6 | 11.1 | 3.1297 | 1.7237 | -0.0056 | 4.8478 | -1.6475 | 1.7502 | -0.0038 | 0.0989 |
| 1394 | 10.6 | 11   | 3.134  | 1.7191 | -0.0054 | 4.8477 | -1.576  | 1.6826 | -0.0067 | 0.0998 |
| 1395 | 10.3 | 11   | 3.1267 | 1.7271 | -0.0052 | 4.8486 | -1.5738 | 1.6832 | -0.006  | 0.1034 |
| 1396 | 10.6 | 10.9 | 3.1253 | 1.7275 | -0.0052 | 4.8476 | -1.6586 | 1.7715 | -0.0047 | 0.1082 |
| 1397 | 10.4 | 11   | 3.133  | 1.7214 | -0.0052 | 4.8492 | -1.7158 | 1.8257 | -0.0047 | 0.1052 |

|      |      |      |        |        |         |        |         |        |         |        |
|------|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 1398 | 10.2 | 11   | 3.1345 | 1.7204 | -0.005  | 4.85   | -1.7546 | 1.8835 | -0.0072 | 0.1217 |
| 1399 | 10.3 | 10.9 | 3.1383 | 1.7166 | -0.0051 | 4.8497 | -1.7584 | 1.9094 | -0.0107 | 0.1403 |
| 1400 | 10.5 | 10.9 | 3.1401 | 1.7152 | -0.0054 | 4.85   | -1.7323 | 1.8825 | -0.0111 | 0.1391 |
| 1401 | 10.9 | 10.9 | 3.14   | 1.7152 | -0.0055 | 4.8496 | -1.6129 | 1.7557 | -0.0073 | 0.1355 |
| 1402 | 10.7 | 10.9 | 3.1452 | 1.7091 | -0.0055 | 4.8488 | -1.6056 | 1.7516 | -0.0035 | 0.1425 |
| 1403 | 11   | 11   | 3.1524 | 1.7011 | -0.0054 | 4.8481 | -1.664  | 1.8132 | -0.0036 | 0.1456 |
| 1404 | 11.3 | 11   | 3.1606 | 1.6881 | -0.0051 | 4.8436 | -1.6202 | 1.7852 | -0.0018 | 0.1632 |
| 1405 | 11   | 11.1 | 3.1577 | 1.6928 | -0.0051 | 4.8454 | -1.642  | 1.7931 | -0.0021 | 0.1491 |
| 1406 | 11.7 | 11.1 | 3.1564 | 1.694  | -0.0049 | 4.8455 | -1.6807 | 1.8403 | -0.0034 | 0.1562 |
| 1407 | 10.8 | 11.1 | 3.1505 | 1.701  | -0.0048 | 4.8467 | -1.6541 | 1.8154 | -0.0013 | 0.16   |
| 1408 | 11.2 | 11.2 | 3.1533 | 1.6984 | -0.0051 | 4.8466 | -1.6224 | 1.7788 | 0.0004  | 0.1568 |
| 1409 | 11.8 | 11.2 | 3.1558 | 1.6965 | -0.0049 | 4.8474 | -1.5784 | 1.7121 | -0.0018 | 0.1319 |
| 1410 | 11.2 | 11.3 | 3.1609 | 1.6924 | -0.0048 | 4.8484 | -1.4386 | 1.5396 | -0.0051 | 0.0959 |
| 1411 | 11.7 | 11.3 | 3.1665 | 1.6885 | -0.0049 | 4.8502 | -1.4524 | 1.5728 | -0.0029 | 0.1175 |
| 1412 | 11.9 | 11.3 | 3.1802 | 1.6728 | -0.0051 | 4.8479 | -1.5223 | 1.6614 | 0.0036  | 0.1428 |
| 1413 | 11.7 | 11.2 | 3.1925 | 1.6571 | -0.005  | 4.8445 | -1.552  | 1.687  | 0.0055  | 0.1406 |
| 1414 | 11.4 | 11.2 | 3.1979 | 1.654  | -0.0051 | 4.8468 | -1.5017 | 1.6116 | 0.0054  | 0.1154 |
| 1415 | 10.8 | 11.3 | 3.198  | 1.6539 | -0.0052 | 4.8467 | -1.4394 | 1.5864 | 0.0051  | 0.1521 |
| 1416 | 11.1 | 11.2 | 3.1988 | 1.6527 | -0.0053 | 4.8461 | -1.3951 | 1.5643 | 0.0054  | 0.1745 |
| 1417 | 11.4 | 11.3 | 3.2086 | 1.6427 | -0.0054 | 4.8459 | -1.3937 | 1.5347 | 0.007   | 0.1481 |
| 1418 | 11.4 | 11.2 | 3.2185 | 1.6312 | -0.0054 | 4.8444 | -1.3123 | 1.4605 | 0.0045  | 0.1527 |
| 1419 | 11.1 | 11.2 | 3.2219 | 1.6263 | -0.0055 | 4.8427 | -1.1718 | 1.3231 | 0       | 0.1512 |
| 1420 | 10.9 | 11.3 | 3.2212 | 1.6256 | -0.0058 | 4.841  | -1.1297 | 1.2792 | -0.0022 | 0.1473 |
| 1421 | 10.7 | 11.2 | 3.2168 | 1.6296 | -0.006  | 4.8404 | -1.1089 | 1.2556 | -0.002  | 0.1447 |
| 1422 | 10.9 | 11.2 | 3.2133 | 1.6314 | -0.0061 | 4.8386 | -0.9905 | 1.1425 | -0.0003 | 0.1517 |
| 1423 | 11.2 | 11.2 | 3.2123 | 1.6314 | -0.0063 | 4.8374 | -0.9587 | 1.1079 | 0.0038  | 0.1531 |
| 1424 | 11.3 | 11.2 | 3.2135 | 1.6301 | -0.0061 | 4.8375 | -0.9232 | 1.0538 | 0.0069  | 0.1376 |
| 1425 | 11.3 | 11.2 | 3.2146 | 1.6282 | -0.0059 | 4.837  | -0.8687 | 1.0077 | 0.0059  | 0.1449 |
| 1426 | 11.3 | 11.2 | 3.2215 | 1.6215 | -0.0058 | 4.8372 | -0.8086 | 0.9561 | 0.0018  | 0.1492 |
| 1427 | 10.7 | 11.2 | 3.2308 | 1.6128 | -0.0057 | 4.8379 | -0.7284 | 0.9083 | 0.0009  | 0.1808 |
| 1428 | 11.3 | 11.2 | 3.2355 | 1.6096 | -0.0055 | 4.8396 | -0.5904 | 0.7462 | 0.0034  | 0.1592 |
| 1429 | 11.9 | 11.2 | 3.2439 | 1.601  | -0.0052 | 4.8397 | -0.5459 | 0.7017 | 0.0046  | 0.1604 |
| 1430 | 11.6 | 11.2 | 3.2526 | 1.5934 | -0.0046 | 4.8414 | -0.5104 | 0.6645 | 0.0073  | 0.1614 |
| 1431 | 11.3 | 11.2 | 3.2548 | 1.5915 | -0.0044 | 4.8418 | -0.4729 | 0.6303 | 0.0067  | 0.1641 |
| 1432 | 11.3 | 11.2 | 3.252  | 1.5936 | -0.0044 | 4.8412 | -0.4552 | 0.6115 | 0.0032  | 0.1594 |
| 1433 | 10.4 | 11.2 | 3.2509 | 1.5956 | -0.0046 | 4.8419 | -0.4806 | 0.6318 | 0.0008  | 0.152  |
| 1434 | 10.8 | 11.2 | 3.2553 | 1.5909 | -0.0041 | 4.842  | -0.6015 | 0.7396 | 0.0011  | 0.1391 |

|      |      |      |        |        |         |        |         |        |         |        |
|------|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 1435 | 11.7 | 11.2 | 3.2592 | 1.5883 | -0.0041 | 4.8434 | -0.6823 | 0.8382 | 0.0002  | 0.1561 |
| 1436 | 11.1 | 11.1 | 3.2532 | 1.5995 | -0.0044 | 4.8482 | -0.6893 | 0.8646 | -0.0023 | 0.173  |
| 1437 | 11.2 | 11.1 | 3.2359 | 1.6142 | -0.0046 | 4.8455 | -0.6923 | 0.8648 | -0.0062 | 0.1663 |
| 1438 | 11.6 | 11.1 | 3.2225 | 1.6299 | -0.005  | 4.8474 | -0.7235 | 0.8856 | -0.0094 | 0.1527 |
| 1439 | 10.9 | 11.1 | 3.2236 | 1.6278 | -0.0052 | 4.8463 | -0.747  | 0.9108 | -0.0115 | 0.1523 |
| 1440 | 11.1 | 11   | 3.2309 | 1.6211 | -0.005  | 4.8471 | -0.7871 | 0.9414 | -0.0101 | 0.1442 |
| 1441 | 10.8 | 11.1 | 3.2426 | 1.6083 | -0.0051 | 4.8458 | -0.7344 | 0.8697 | -0.0097 | 0.1256 |
| 1442 | 11   | 11.1 | 3.2479 | 1.603  | -0.0053 | 4.8457 | -0.6427 | 0.7594 | -0.007  | 0.1097 |
| 1443 | 11   | 11.1 | 3.2409 | 1.6106 | -0.0051 | 4.8464 | -0.6457 | 0.7884 | -0.0103 | 0.1324 |
| 1444 | 10.8 | 11.2 | 3.2378 | 1.6142 | -0.0053 | 4.8467 | -0.6685 | 0.8051 | -0.0101 | 0.1265 |
| 1445 | 10.6 | 11.2 | 3.2432 | 1.6078 | -0.0053 | 4.8457 | -0.6312 | 0.7564 | -0.0062 | 0.119  |
| 1446 | 10.9 | 11.2 | 3.2487 | 1.6018 | -0.0053 | 4.8453 | -0.7301 | 0.8632 | -0.0035 | 0.1296 |
| 1447 | 11.1 | 11.2 | 3.252  | 1.5965 | -0.0052 | 4.8432 | -0.7645 | 0.8841 | -0.0038 | 0.1159 |
| 1448 | 10.9 | 11.2 | 3.258  | 1.5878 | -0.0051 | 4.8407 | -0.6904 | 0.8186 | -0.0035 | 0.1247 |
| 1449 | 11.3 | 11.3 | 3.2603 | 1.5852 | -0.0052 | 4.8404 | -0.6481 | 0.7817 | -0.0006 | 0.1331 |
| 1450 | 11.5 | 11.3 | 3.26   | 1.5856 | -0.0054 | 4.8401 | -0.5673 | 0.7057 | -0.0013 | 0.1371 |
| 1451 | 11.5 | 11.2 | 3.2633 | 1.5815 | -0.0055 | 4.8393 | -0.5379 | 0.6829 | -0.0033 | 0.1418 |
| 1452 | 11.6 | 11.2 | 3.2708 | 1.5723 | -0.0054 | 4.8377 | -0.5224 | 0.6748 | -0.0062 | 0.1462 |
| 1453 | 11.8 | 11.3 | 3.2744 | 1.5674 | -0.0051 | 4.8367 | -0.4624 | 0.6138 | -0.0063 | 0.145  |
| 1454 | 12   | 11.2 | 3.2814 | 1.5601 | -0.0049 | 4.8366 | -0.4266 | 0.5709 | -0.0058 | 0.1385 |
| 1455 | 11.4 | 11.3 | 3.2883 | 1.5531 | -0.0046 | 4.8368 | -0.3359 | 0.4349 | -0.0024 | 0.0967 |
| 1456 | 11.7 | 11.2 | 3.2913 | 1.5499 | -0.0046 | 4.8367 | -0.367  | 0.4587 | -0.0029 | 0.0888 |
| 1457 | 11.4 | 11.2 | 3.2916 | 1.5505 | -0.0048 | 4.8373 | -0.4041 | 0.4984 | 0.0008  | 0.0951 |
| 1458 | 11.4 | 11.2 | 3.2894 | 1.5546 | -0.0048 | 4.8392 | -0.5317 | 0.6266 | 0.0065  | 0.1015 |
| 1459 | 11   | 11.2 | 3.2792 | 1.567  | -0.0045 | 4.8417 | -0.6132 | 0.6794 | 0.0033  | 0.0695 |
| 1460 | 10.7 | 11.2 | 3.2775 | 1.567  | -0.0045 | 4.84   | -0.7211 | 0.8386 | 0.0061  | 0.1236 |
| 1461 | 10.9 | 11.1 | 3.2835 | 1.5601 | -0.0049 | 4.8387 | -0.7755 | 0.8851 | 0.0059  | 0.1155 |
| 1462 | 11.3 | 11   | 3.2852 | 1.5585 | -0.0049 | 4.8388 | -0.826  | 0.9481 | 0.0022  | 0.1242 |
| 1463 | 10.6 | 11   | 3.283  | 1.56   | -0.0049 | 4.8382 | -0.7017 | 0.799  | -0.0047 | 0.0927 |
| 1464 | 10.8 | 10.9 | 3.2845 | 1.5564 | -0.0048 | 4.8361 | -0.6385 | 0.6983 | -0.0029 | 0.0569 |
| 1465 | 10.7 | 10.8 | 3.2832 | 1.5574 | -0.0046 | 4.836  | -0.6239 | 0.6971 | -0.0028 | 0.0704 |
| 1466 | 10.2 | 10.8 | 3.2843 | 1.5578 | -0.0047 | 4.8374 | -0.5965 | 0.677  | -0.0041 | 0.0764 |
| 1467 | 11.1 | 10.7 | 3.2785 | 1.5638 | -0.0047 | 4.8376 | -0.4677 | 0.5447 | 0.0001  | 0.0771 |
| 1468 | 11.2 | 10.7 | 3.2714 | 1.5707 | -0.0045 | 4.8377 | -0.2886 | 0.3835 | 0.0023  | 0.0972 |
| 1469 | 10.8 | 10.7 | 3.2647 | 1.5774 | -0.0042 | 4.8378 | -0.1004 | 0.201  | 0.0036  | 0.1041 |
| 1470 | 10.5 | 10.7 | 3.2562 | 1.5863 | -0.0042 | 4.8383 | 0.0234  | 0.0759 | 0.0037  | 0.1029 |
| 1471 | 9.99 | 10.7 | 3.2499 | 1.5931 | -0.0043 | 4.8387 | 0.0912  | 0.0066 | -0.0003 | 0.0975 |

|      |      |      |        |        |         |        |        |         |         |        |
|------|------|------|--------|--------|---------|--------|--------|---------|---------|--------|
| 1472 | 10.6 | 10.7 | 3.2497 | 1.5939 | -0.0046 | 4.8391 | 0.1112 | -0.0221 | -0.004  | 0.0851 |
| 1473 | 10.7 | 10.8 | 3.2497 | 1.5946 | -0.0048 | 4.8395 | 0.1032 | -0.025  | -0.0075 | 0.0707 |
| 1474 | 10.3 | 10.8 | 3.2463 | 1.5974 | -0.0047 | 4.839  | 0.1185 | -0.0381 | -0.0092 | 0.0712 |
| 1475 | 10.4 | 10.8 | 3.2468 | 1.5963 | -0.0044 | 4.8387 | 0.1579 | -0.0718 | -0.0071 | 0.079  |
| 1476 | 10.8 | 10.8 | 3.2417 | 1.6006 | -0.0044 | 4.838  | 0.1832 | -0.1134 | -0.0046 | 0.0652 |
| 1477 | 10.7 | 10.8 | 3.2314 | 1.6104 | -0.0046 | 4.8372 | 0.2593 | -0.1889 | -0.003  | 0.0675 |
| 1478 | 11.1 | 10.8 | 3.2268 | 1.6148 | -0.0049 | 4.8367 | 0.3233 | -0.2445 | -0.003  | 0.0759 |
| 1479 | 11   | 10.8 | 3.2235 | 1.618  | -0.0052 | 4.8363 | 0.3195 | -0.2252 | -0.003  | 0.0913 |
| 1480 | 10.8 | 10.8 | 3.2185 | 1.6224 | -0.0054 | 4.8355 | 0.4367 | -0.34   | -0.0022 | 0.0945 |
| 1481 | 11.4 | 10.9 | 3.2168 | 1.6236 | -0.0054 | 4.835  | 0.5636 | -0.4566 | 0.0051  | 0.112  |
| 1482 | 11.7 | 10.9 | 3.2171 | 1.6231 | -0.0055 | 4.8347 | 0.5864 | -0.4711 | 0.0097  | 0.125  |
| 1483 | 10.9 | 10.9 | 3.2157 | 1.623  | -0.0057 | 4.833  | 0.5317 | -0.4377 | 0.0082  | 0.1022 |
| 1484 | 10.5 | 10.9 | 3.2088 | 1.628  | -0.0058 | 4.831  | 0.5934 | -0.4722 | 0.0053  | 0.1265 |
| 1485 | 10.9 | 11   | 3.2035 | 1.6336 | -0.0057 | 4.8314 | 0.6986 | -0.5971 | 0.0065  | 0.1081 |
| 1486 | 11.1 | 11   | 3.2021 | 1.6348 | -0.0055 | 4.8314 | 0.7718 | -0.659  | 0.007   | 0.1199 |
| 1487 | 11.4 | 10.9 | 3.205  | 1.6321 | -0.0053 | 4.8318 | 0.8207 | -0.6611 | 0.0059  | 0.1655 |
| 1488 | 10.4 | 10.9 | 3.2065 | 1.6298 | -0.005  | 4.8313 | 0.6671 | -0.5322 | 0.0019  | 0.1368 |
| 1489 | 11.5 | 10.9 | 3.2113 | 1.6262 | -0.0048 | 4.8327 | 0.4849 | -0.3226 | -0.0039 | 0.1583 |
| 1490 | 11   | 10.9 | 3.208  | 1.6312 | -0.0046 | 4.8346 | 0.4985 | -0.3345 | -0.005  | 0.1591 |
| 1491 | 10.7 | 10.9 | 3.2015 | 1.6395 | -0.0048 | 4.8362 | 0.6037 | -0.4313 | -0.0039 | 0.1685 |
| 1492 | 10.8 | 10.8 | 3.196  | 1.6431 | -0.0046 | 4.8345 | 0.7906 | -0.6362 | -0.004  | 0.1503 |
| 1493 | 11.2 | 10.8 | 3.1965 | 1.6432 | -0.0046 | 4.8351 | 0.8948 | -0.7377 | -0.0038 | 0.1533 |
| 1494 | 10.8 | 10.8 | 3.1971 | 1.6435 | -0.0047 | 4.8359 | 0.837  | -0.6772 | -0.0034 | 0.1564 |
| 1495 | 10.4 | 10.8 | 3.1997 | 1.6407 | -0.0048 | 4.8357 | 0.8659 | -0.7008 | -0.0048 | 0.1603 |
| 1496 | 10.4 | 10.7 | 3.2017 | 1.6391 | -0.0048 | 4.8361 | 0.9959 | -0.8602 | -0.0036 | 0.1322 |
| 1497 | 10.8 | 10.7 | 3.2021 | 1.6395 | -0.0048 | 4.8367 | 1.1032 | -0.9719 | -0.002  | 0.1293 |
| 1498 | 11.1 | 10.7 | 3.1993 | 1.6422 | -0.0049 | 4.8367 | 1.1634 | -1.0505 | -0.0003 | 0.1126 |
| 1499 | 10.9 | 10.7 | 3.195  | 1.646  | -0.005  | 4.836  | 1.2546 | -1.1612 | 0.0043  | 0.0977 |
| 1500 | 10.5 | 10.7 | 3.1939 | 1.6469 | -0.005  | 4.8358 | 1.2714 | -1.1795 | 0.0039  | 0.0958 |
| 1501 | 10.3 | 10.8 | 3.1922 | 1.6477 | -0.0049 | 4.835  | 1.2446 | -1.1622 | 0.0008  | 0.0832 |
| 1502 | 9.99 | 10.8 | 3.1914 | 1.6478 | -0.0049 | 4.8343 | 1.2789 | -1.2109 | -0.0015 | 0.0665 |
| 1503 | 10.7 | 10.8 | 3.1951 | 1.644  | -0.0048 | 4.8342 | 1.3575 | -1.3149 | -0.0011 | 0.0415 |
| 1504 | 10.9 | 10.9 | 3.1942 | 1.6446 | -0.0049 | 4.8339 | 1.3962 | -1.3798 | 0.0022  | 0.0186 |
| 1505 | 10.4 | 10.9 | 3.1944 | 1.6469 | -0.0048 | 4.8365 | 1.4884 | -1.4789 | 0.0058  | 0.0153 |
| 1506 | 10.6 | 10.9 | 3.1968 | 1.6442 | -0.005  | 4.8359 | 1.5372 | -1.5255 | 0.0096  | 0.0213 |
| 1507 | 10.7 | 11   | 3.2037 | 1.6384 | -0.0055 | 4.8366 | 1.5301 | -1.5182 | 0.0103  | 0.0223 |
| 1508 | 11.2 | 11   | 3.2146 | 1.6305 | -0.0054 | 4.8397 | 1.4837 | -1.4611 | 0.0077  | 0.0303 |

|      |      |      |        |        |         |        |         |         |         |        |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|--------|
| 1509 | 11.3 | 11   | 3.2279 | 1.6126 | -0.0055 | 4.8351 | 1.4395  | -1.392  | 0.0102  | 0.0577 |
| 1510 | 11.3 | 11   | 3.2384 | 1.6038 | -0.0054 | 4.8369 | 1.3457  | -1.2761 | 0.017   | 0.0866 |
| 1511 | 12.2 | 11   | 3.2491 | 1.5937 | -0.0051 | 4.8378 | 1.3733  | -1.3218 | 0.0162  | 0.0678 |
| 1512 | 11.3 | 11   | 3.2504 | 1.5929 | -0.0046 | 4.8387 | 1.4946  | -1.4466 | 0.0132  | 0.0612 |
| 1513 | 11.3 | 10.9 | 3.2563 | 1.5872 | -0.0047 | 4.8389 | 1.5435  | -1.4858 | 0.013   | 0.0707 |
| 1514 | 11.2 | 10.9 | 3.2602 | 1.5843 | -0.0048 | 4.8397 | 1.6136  | -1.5441 | 0.0159  | 0.0855 |
| 1515 | 11.2 | 10.9 | 3.2576 | 1.5862 | -0.0048 | 4.839  | 1.6506  | -1.6079 | 0.0181  | 0.0608 |
| 1516 | 11.7 | 10.8 | 3.2455 | 1.5982 | -0.0053 | 4.8384 | 1.5815  | -1.5342 | 0.0158  | 0.0631 |
| 1517 | 11.4 | 10.8 | 3.2375 | 1.6044 | -0.0056 | 4.8362 | 1.6002  | -1.5265 | 0.0105  | 0.0841 |
| 1518 | 10.8 | 10.8 | 3.2286 | 1.6111 | -0.0058 | 4.8339 | 1.6316  | -1.5401 | 0.005   | 0.0966 |
| 1519 | 10.1 | 10.7 | 3.2196 | 1.6187 | -0.0059 | 4.8324 | 1.7489  | -1.656  | 0.0052  | 0.0981 |
| 1520 | 10.2 | 10.7 | 3.2121 | 1.6249 | -0.0057 | 4.8313 | 1.7194  | -1.6635 | 0.0074  | 0.0632 |
| 1521 | 10   | 10.6 | 3.2056 | 1.6318 | -0.0056 | 4.8319 | 1.6599  | -1.6134 | 0.0093  | 0.0557 |
| 1522 | 10   | 10.5 | 3.203  | 1.6339 | -0.0054 | 4.8315 | 1.6082  | -1.5662 | 0.0083  | 0.0503 |
| 1523 | 10.1 | 10.5 | 3.2005 | 1.6352 | -0.0053 | 4.8303 | 1.6641  | -1.6219 | 0.0024  | 0.0445 |
| 1524 | 9.84 | 10.4 | 3.1977 | 1.6372 | -0.0054 | 4.8295 | 1.7448  | -1.7027 | -0.0021 | 0.04   |
| 1525 | 9.77 | 10.4 | 3.1963 | 1.6396 | -0.0054 | 4.8305 | 1.7554  | -1.727  | -0.0025 | 0.0259 |
| 1526 | 10.2 | 10.3 | 3.1956 | 1.6404 | -0.0055 | 4.8305 | 1.6702  | -1.6469 | 0.0022  | 0.0254 |
| 1527 | 10.6 | 10.3 | 3.1984 | 1.6373 | -0.0054 | 4.8304 | 1.48    | -1.4478 | 0.0041  | 0.0363 |
| 1528 | 10.7 | 10.2 | 3.2035 | 1.6321 | -0.0052 | 4.8305 | 1.2364  | -1.1939 | 0.002   | 0.0445 |
| 1529 | 10.4 | 10.2 | 3.2003 | 1.635  | -0.005  | 4.8302 | 1.1054  | -1.0574 | -0.0017 | 0.0463 |
| 1530 | 10.4 | 10.2 | 3.1962 | 1.639  | -0.0051 | 4.8301 | 0.9945  | -0.9381 | -0.0064 | 0.05   |
| 1531 | 10.5 | 10.3 | 3.1961 | 1.6386 | -0.0054 | 4.8293 | 0.8031  | -0.7563 | -0.0093 | 0.0375 |
| 1532 | 10.3 | 10.3 | 3.1988 | 1.6374 | -0.0052 | 4.831  | 0.681   | -0.6212 | -0.01   | 0.0498 |
| 1533 | 10.1 | 10.4 | 3.1915 | 1.6429 | -0.0051 | 4.8293 | 0.6107  | -0.5628 | -0.0094 | 0.0385 |
| 1534 | 10.4 | 10.4 | 3.1854 | 1.6506 | -0.0048 | 4.8312 | 0.4682  | -0.4388 | -0.0114 | 0.0179 |
| 1535 | 10   | 10.5 | 3.1821 | 1.6542 | -0.0048 | 4.8315 | 0.3253  | -0.3128 | -0.0112 | 0.0012 |
| 1536 | 10.5 | 10.6 | 3.1711 | 1.6656 | -0.005  | 4.8317 | 0.2556  | -0.1958 | -0.0101 | 0.0497 |
| 1537 | 10.2 | 10.6 | 3.1692 | 1.6674 | -0.0048 | 4.8318 | 0.1228  | -0.07   | -0.0073 | 0.0455 |
| 1538 | 10.1 | 10.6 | 3.174  | 1.6621 | -0.0046 | 4.8316 | 0.0515  | -0.0119 | -0.0033 | 0.0363 |
| 1539 | 10.2 | 10.7 | 3.1738 | 1.6613 | -0.0047 | 4.8304 | -0.0204 | 0.0688  | 0.0019  | 0.0503 |
| 1540 | 10.7 | 10.7 | 3.1706 | 1.6643 | -0.0046 | 4.8302 | -0.0729 | 0.1246  | 0.0051  | 0.0569 |
| 1541 | 11.4 | 10.7 | 3.1636 | 1.6719 | -0.0047 | 4.8308 | -0.142  | 0.2106  | 0.0078  | 0.0763 |
| 1542 | 10.6 | 10.8 | 3.1585 | 1.6767 | -0.0049 | 4.8303 | -0.2395 | 0.3229  | 0.0083  | 0.0917 |
| 1543 | 11.2 | 10.8 | 3.1572 | 1.6783 | -0.0048 | 4.8308 | -0.4239 | 0.4906  | 0.007   | 0.0737 |
| 1544 | 11.2 | 10.8 | 3.1512 | 1.6843 | -0.0048 | 4.8306 | -0.4266 | 0.4957  | 0.0056  | 0.0748 |
| 1545 | 11.2 | 10.9 | 3.1436 | 1.6938 | -0.0049 | 4.8325 | -0.3751 | 0.4391  | 0.0045  | 0.0686 |

|      |      |      |        |        |         |        |         |         |         |        |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|--------|
| 1546 | 11.3 | 10.9 | 3.1384 | 1.699  | -0.0051 | 4.8324 | -0.3553 | 0.4085  | 0.0024  | 0.0556 |
| 1547 | 11.3 | 10.9 | 3.1356 | 1.7016 | -0.0052 | 4.832  | -0.3557 | 0.4055  | -0.0007 | 0.0491 |
| 1548 | 11.3 | 11   | 3.1325 | 1.7039 | -0.0055 | 4.8309 | -0.3821 | 0.4441  | -0.0029 | 0.059  |
| 1549 | 11.1 | 11   | 3.1332 | 1.7032 | -0.0056 | 4.8308 | -0.4554 | 0.5154  | -0.0033 | 0.0567 |
| 1550 | 11.1 | 11   | 3.1355 | 1.7018 | -0.0055 | 4.8318 | -0.5262 | 0.5847  | -0.0071 | 0.0513 |
| 1551 | 10.8 | 11   | 3.1354 | 1.7026 | -0.0054 | 4.8326 | -0.5269 | 0.5857  | -0.007  | 0.0518 |
| 1552 | 10.5 | 11   | 3.135  | 1.7038 | -0.0053 | 4.8335 | -0.4774 | 0.5233  | -0.0034 | 0.0424 |
| 1553 | 10.9 | 11   | 3.1348 | 1.7054 | -0.0053 | 4.8348 | -0.397  | 0.4301  | -0.0003 | 0.0328 |
| 1554 | 10.9 | 11   | 3.1326 | 1.7079 | -0.0055 | 4.8351 | -0.2462 | 0.2812  | 0.0013  | 0.0363 |
| 1555 | 10.8 | 11   | 3.1346 | 1.7057 | -0.0056 | 4.8347 | -0.1522 | 0.1872  | -0.0013 | 0.0336 |
| 1556 | 10.9 | 10.9 | 3.1383 | 1.7017 | -0.0056 | 4.8344 | -0.1199 | 0.1623  | -0.0016 | 0.0408 |
| 1557 | 10.8 | 10.9 | 3.1432 | 1.6967 | -0.0056 | 4.8343 | -0.0695 | 0.1021  | -0.0022 | 0.0304 |
| 1558 | 11.1 | 10.9 | 3.1455 | 1.6938 | -0.0058 | 4.8335 | 0.1098  | -0.0725 | -0.006  | 0.0313 |
| 1559 | 10.9 | 10.9 | 3.1446 | 1.6946 | -0.0062 | 4.8331 | 0.351   | -0.2691 | -0.0029 | 0.0791 |
| 1560 | 10.6 | 10.9 | 3.1402 | 1.6991 | -0.0061 | 4.8332 | 0.4899  | -0.447  | -0.0015 | 0.0414 |
| 1561 | 11.3 | 10.9 | 3.134  | 1.7048 | -0.0062 | 4.8326 | 0.6332  | -0.5666 | 0.0026  | 0.0692 |
| 1562 | 10.9 | 10.9 | 3.1309 | 1.7071 | -0.0062 | 4.8318 | 0.7494  | -0.6779 | 0.0071  | 0.0786 |
| 1563 | 11.6 | 10.9 | 3.1217 | 1.7144 | -0.0065 | 4.8296 | 0.767   | -0.6919 | 0.011   | 0.0862 |
| 1564 | 10.9 | 10.9 | 3.1194 | 1.7172 | -0.0066 | 4.83   | 0.8339  | -0.7529 | 0.0089  | 0.09   |
| 1565 | 10.4 | 10.9 | 3.1251 | 1.7108 | -0.0062 | 4.8297 | 0.8948  | -0.7905 | 0.0091  | 0.1135 |
| 1566 | 10.8 | 10.8 | 3.1242 | 1.7105 | -0.0057 | 4.829  | 0.9001  | -0.8056 | 0.0131  | 0.1076 |
| 1567 | 10.8 | 10.8 | 3.1153 | 1.7178 | -0.0052 | 4.828  | 0.77    | -0.6803 | 0.0082  | 0.0979 |
| 1568 | 10.7 | 10.8 | 3.0966 | 1.7363 | -0.005  | 4.8279 | 0.7386  | -0.6658 | 0.0058  | 0.0787 |
| 1569 | 10.9 | 10.8 | 3.0927 | 1.7437 | -0.0049 | 4.8315 | 0.6547  | -0.5973 | 0.0055  | 0.0629 |
| 1570 | 10.7 | 10.8 | 3.0902 | 1.7477 | -0.0051 | 4.8328 | 0.5478  | -0.51   | 0.005   | 0.0427 |
| 1571 | 10.8 | 10.8 | 3.0891 | 1.7497 | -0.0051 | 4.8337 | 0.4391  | -0.4072 | 0.0048  | 0.0367 |
| 1572 | 10.8 | 10.9 | 3.0833 | 1.7561 | -0.0048 | 4.8347 | 0.3371  | -0.2994 | 0.0064  | 0.0441 |
| 1573 | 10.9 | 10.8 | 3.0752 | 1.7649 | -0.0046 | 4.8355 | 0.2837  | -0.248  | 0.0086  | 0.0444 |
| 1574 | 10.6 | 10.9 | 3.0708 | 1.7701 | -0.0044 | 4.8364 | 0.2335  | -0.2004 | 0.0099  | 0.043  |
| 1575 | 10.4 | 10.9 | 3.0797 | 1.761  | -0.0046 | 4.8362 | 0.1933  | -0.1647 | 0.0093  | 0.038  |
| 1576 | 10.3 | 10.9 | 3.0937 | 1.7454 | -0.0048 | 4.8344 | 0.1986  | -0.1655 | 0.0079  | 0.041  |
| 1577 | 10.3 | 11   | 3.1078 | 1.7298 | -0.0048 | 4.8328 | 0.1546  | -0.1274 | 0.0062  | 0.0334 |
| 1578 | 10.7 | 11   | 3.1162 | 1.7205 | -0.0047 | 4.8321 | 0.1373  | -0.1189 | 0.0055  | 0.0239 |
| 1579 | 11.4 | 11   | 3.124  | 1.7119 | -0.0045 | 4.8313 | 0.1462  | -0.116  | 0.006   | 0.0362 |
| 1580 | 11.6 | 11.1 | 3.1382 | 1.698  | -0.0044 | 4.8318 | 0.0982  | -0.0648 | 0.0052  | 0.0386 |
| 1581 | 11.8 | 11.1 | 3.1487 | 1.6857 | -0.0044 | 4.83   | 0.0834  | -0.0554 | 0.0021  | 0.0301 |
| 1582 | 11.3 | 11.1 | 3.156  | 1.6794 | -0.0045 | 4.8309 | 0.0996  | -0.0761 | -0.0011 | 0.0223 |

|      |      |      |        |        |         |        |         |         |         |        |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|--------|
| 1583 | 11.4 | 11.2 | 3.1689 | 1.6669 | -0.0046 | 4.8312 | 0.1316  | -0.1073 | 0.0008  | 0.0251 |
| 1584 | 11.3 | 11.3 | 3.1763 | 1.6593 | -0.0047 | 4.8309 | 0.0814  | -0.0791 | 0.0032  | 0.0054 |
| 1585 | 11   | 11.4 | 3.1779 | 1.6532 | -0.0047 | 4.8264 | -0.0112 | 0.0184  | 0.0083  | 0.0155 |
| 1586 | 11.2 | 11.4 | 3.1898 | 1.6418 | -0.0048 | 4.8268 | -0.065  | 0.074   | 0.0084  | 0.0174 |
| 1587 | 11.3 | 11.5 | 3.1999 | 1.6333 | -0.005  | 4.8282 | -0.1728 | 0.1964  | 0.0034  | 0.0271 |
| 1588 | 11.3 | 11.6 | 3.2086 | 1.6229 | -0.0052 | 4.8263 | -0.2091 | 0.2475  | 0.0069  | 0.0453 |
| 1589 | 11.6 | 11.6 | 3.2186 | 1.6137 | -0.0053 | 4.827  | -0.1977 | 0.2326  | 0.007   | 0.0418 |
| 1590 | 11.8 | 11.6 | 3.2223 | 1.6101 | -0.0054 | 4.827  | -0.2213 | 0.2425  | 0.0044  | 0.0256 |
| 1591 | 11.4 | 11.5 | 3.2254 | 1.6072 | -0.0056 | 4.827  | -0.2073 | 0.2286  | 0.0048  | 0.0261 |
| 1592 | 11.9 | 11.5 | 3.2383 | 1.594  | -0.0053 | 4.8271 | -0.2221 | 0.248   | 0.0038  | 0.0297 |
| 1593 | 12.7 | 11.5 | 3.2392 | 1.5936 | -0.0051 | 4.8276 | -0.2325 | 0.2613  | 0.0021  | 0.031  |
| 1594 | 12   | 11.5 | 3.2346 | 1.5995 | -0.0052 | 4.829  | -0.1838 | 0.2123  | 0.0021  | 0.0305 |
| 1595 | 11.4 | 11.5 | 3.2353 | 1.5999 | -0.005  | 4.8301 | -0.2309 | 0.2477  | 0.0046  | 0.0214 |
| 1596 | 11.9 | 11.5 | 3.2373 | 1.5986 | -0.0047 | 4.8311 | -0.2592 | 0.297   | 0.0045  | 0.0424 |
| 1597 | 11.5 | 11.4 | 3.2403 | 1.5951 | -0.0046 | 4.8308 | -0.2058 | 0.235   | 0.004   | 0.0332 |
| 1598 | 11.4 | 11.4 | 3.2449 | 1.5907 | -0.0046 | 4.831  | -0.2235 | 0.251   | 0.0019  | 0.0294 |
| 1599 | 11.5 | 11.3 | 3.2476 | 1.5876 | -0.0043 | 4.8309 | -0.2391 | 0.2731  | -0.0033 | 0.0307 |
| 1600 | 11.7 | 11.3 | 3.2466 | 1.5884 | -0.0043 | 4.8306 | -0.3028 | 0.3458  | -0.0047 | 0.0382 |
| 1601 | 10.8 | 11.2 | 3.2399 | 1.5953 | -0.0045 | 4.8308 | -0.2723 | 0.3222  | -0.0046 | 0.0453 |
| 1602 | 11.1 | 11.2 | 3.2311 | 1.6048 | -0.0048 | 4.8311 | -0.3039 | 0.3584  | -0.004  | 0.0505 |
| 1603 | 11.2 | 11.1 | 3.2197 | 1.6159 | -0.005  | 4.8306 | -0.3251 | 0.3804  | -0.003  | 0.0524 |
| 1604 | 10.9 | 11.1 | 3.2094 | 1.6259 | -0.0047 | 4.8306 | -0.3475 | 0.4117  | -0.0031 | 0.0611 |
| 1605 | 10.8 | 11.1 | 3.2064 | 1.6307 | -0.0047 | 4.8324 | -0.3918 | 0.4594  | -0.0046 | 0.063  |
| 1606 | 10.4 | 11.1 | 3.2037 | 1.634  | -0.0048 | 4.8329 | -0.3861 | 0.4458  | -0.006  | 0.0538 |
| 1607 | 10.7 | 11.1 | 3.1927 | 1.6456 | -0.0049 | 4.8335 | -0.2917 | 0.3494  | -0.007  | 0.0507 |
| 1608 | 10.5 | 11.1 | 3.1795 | 1.6574 | -0.0051 | 4.8318 | -0.199  | 0.2605  | -0.0074 | 0.054  |
| 1609 | 10.5 | 11.1 | 3.179  | 1.6573 | -0.0054 | 4.8309 | -0.2293 | 0.2726  | -0.0094 | 0.0338 |
| 1610 | 11   | 11.1 | 3.1751 | 1.6605 | -0.0056 | 4.83   | -0.302  | 0.3357  | -0.0111 | 0.0227 |
| 1611 | 11.5 | 11.1 | 3.1742 | 1.6615 | -0.0058 | 4.8299 | -0.3615 | 0.4029  | -0.0116 | 0.0297 |
| 1612 | 11   | 11.1 | 3.1736 | 1.6621 | -0.0057 | 4.83   | -0.4516 | 0.4895  | -0.0129 | 0.025  |
| 1613 | 11.9 | 11.2 | 3.1729 | 1.6625 | -0.0056 | 4.8299 | -0.4942 | 0.5292  | -0.012  | 0.023  |
| 1614 | 11.5 | 11.2 | 3.1708 | 1.6633 | -0.0057 | 4.8284 | -0.5886 | 0.6113  | -0.0143 | 0.0083 |
| 1615 | 11.6 | 11.2 | 3.1676 | 1.6667 | -0.0061 | 4.8283 | -0.5918 | 0.6177  | -0.015  | 0.0109 |
| 1616 | 11.2 | 11.2 | 3.1685 | 1.6662 | -0.0061 | 4.8286 | -0.5098 | 0.5278  | -0.0102 | 0.0077 |
| 1617 | 11.6 | 11.2 | 3.1636 | 1.671  | -0.0062 | 4.8284 | -0.4676 | 0.4743  | -0.0035 | 0.0032 |
| 1618 | 11.5 | 11.2 | 3.1631 | 1.6709 | -0.0063 | 4.8276 | -0.4707 | 0.4717  | 0.0047  | 0.0057 |
| 1619 | 11.2 | 11.2 | 3.1648 | 1.6697 | -0.0064 | 4.8282 | -0.5963 | 0.6041  | 0.0072  | 0.0149 |

|      |      |      |        |        |         |        |         |         |        |        |
|------|------|------|--------|--------|---------|--------|---------|---------|--------|--------|
| 1620 | 11   | 11.2 | 3.1682 | 1.6657 | -0.0062 | 4.8276 | -0.6407 | 0.7088  | 0.0091 | 0.0771 |
| 1621 | 11.6 | 11.1 | 3.1719 | 1.6617 | -0.0062 | 4.8274 | -0.6654 | 0.7462  | 0.007  | 0.0878 |
| 1622 | 11.8 | 11.1 | 3.1746 | 1.6587 | -0.0062 | 4.8271 | -0.6765 | 0.7678  | 0.0077 | 0.099  |
| 1623 | 11.3 | 11   | 3.1771 | 1.6552 | -0.0063 | 4.826  | -0.7313 | 0.8257  | 0.0099 | 0.1043 |
| 1624 | 10.7 | 10.9 | 3.1784 | 1.6537 | -0.0063 | 4.8257 | -0.7784 | 0.8843  | 0.0146 | 0.1205 |
| 1625 | 10.6 | 10.9 | 3.1764 | 1.6561 | -0.0062 | 4.8264 | -0.8009 | 0.8924  | 0.0166 | 0.1081 |
| 1626 | 10.7 | 10.8 | 3.1801 | 1.6531 | -0.0061 | 4.8271 | -0.6837 | 0.7865  | 0.0188 | 0.1217 |
| 1627 | 10.5 | 10.8 | 3.1847 | 1.6492 | -0.0059 | 4.828  | -0.4826 | 0.5785  | 0.017  | 0.1129 |
| 1628 | 10.4 | 10.7 | 3.1889 | 1.6437 | -0.0058 | 4.8269 | -0.2883 | 0.355   | 0.0185 | 0.0852 |
| 1629 | 10.3 | 10.7 | 3.1904 | 1.6415 | -0.0055 | 4.8264 | -0.2113 | 0.29    | 0.0202 | 0.0989 |
| 1630 | 10.3 | 10.7 | 3.1879 | 1.6446 | -0.0053 | 4.8271 | -0.1856 | 0.2819  | 0.0197 | 0.116  |
| 1631 | 10.4 | 10.6 | 3.1862 | 1.6462 | -0.0053 | 4.8271 | -0.1123 | 0.2146  | 0.0217 | 0.124  |
| 1632 | 10.4 | 10.6 | 3.1857 | 1.6481 | -0.0053 | 4.8285 | -0.0746 | 0.1385  | 0.0219 | 0.0858 |
| 1633 | 10.2 | 10.6 | 3.1834 | 1.6508 | -0.0054 | 4.8287 | -0.025  | 0.1045  | 0.0194 | 0.0989 |
| 1634 | 10.4 | 10.6 | 3.1865 | 1.6487 | -0.0056 | 4.8296 | 0.0458  | 0.0382  | 0.0171 | 0.1011 |
| 1635 | 10.7 | 10.6 | 3.1886 | 1.6468 | -0.0056 | 4.8297 | 0.0543  | 0.029   | 0.0171 | 0.1003 |
| 1636 | 10.6 | 10.7 | 3.1884 | 1.6459 | -0.0053 | 4.829  | 0.0169  | 0.0027  | 0.0153 | 0.0349 |
| 1637 | 10.8 | 10.7 | 3.1901 | 1.6427 | -0.0055 | 4.8273 | 0.0997  | -0.0695 | 0.0109 | 0.0411 |
| 1638 | 10.7 | 10.8 | 3.1938 | 1.6389 | -0.0053 | 4.8274 | 0.197   | -0.1494 | 0.0082 | 0.0559 |
| 1639 | 11.1 | 10.9 | 3.1959 | 1.637  | -0.0051 | 4.8278 | 0.2811  | -0.2528 | 0.0065 | 0.0347 |
| 1640 | 10.4 | 10.9 | 3.1913 | 1.6414 | -0.0051 | 4.8276 | 0.3321  | -0.297  | 0.0071 | 0.0421 |
| 1641 | 10.9 | 11   | 3.1858 | 1.6471 | -0.0051 | 4.8278 | 0.3556  | -0.3192 | 0.008  | 0.0444 |
| 1642 | 10.9 | 11   | 3.1817 | 1.6506 | -0.0051 | 4.8272 | 0.4054  | -0.3665 | 0.0061 | 0.0451 |
| 1643 | 10.9 | 11.1 | 3.1756 | 1.6571 | -0.005  | 4.8277 | 0.5302  | -0.4923 | 0.01   | 0.0479 |
| 1644 | 11.1 | 11.1 | 3.1743 | 1.6595 | -0.0053 | 4.8285 | 0.4891  | -0.4405 | 0.012  | 0.0606 |
| 1645 | 11.3 | 11.2 | 3.1696 | 1.6641 | -0.0054 | 4.8283 | 0.453   | -0.389  | 0.0097 | 0.0737 |
| 1646 | 11.4 | 11.2 | 3.159  | 1.6755 | -0.0055 | 4.829  | 0.4662  | -0.3845 | 0.0121 | 0.0938 |
| 1647 | 12   | 11.2 | 3.158  | 1.6765 | -0.0054 | 4.829  | 0.464   | -0.3749 | 0.0172 | 0.1064 |
| 1648 | 11.9 | 11.2 | 3.1564 | 1.6766 | -0.0052 | 4.8278 | 0.5153  | -0.4301 | 0.0219 | 0.107  |
| 1649 | 11.7 | 11.2 | 3.1635 | 1.6686 | -0.0051 | 4.827  | 0.6009  | -0.5137 | 0.0239 | 0.1111 |
| 1650 | 11.4 | 11.3 | 3.1627 | 1.6695 | -0.005  | 4.8273 | 0.5869  | -0.4837 | 0.0289 | 0.132  |
| 1651 | 11.1 | 11.3 | 3.1658 | 1.6668 | -0.005  | 4.8276 | 0.5107  | -0.4108 | 0.0303 | 0.1302 |
| 1652 | 11.2 | 11.3 | 3.1675 | 1.6658 | -0.005  | 4.8283 | 0.4159  | -0.3118 | 0.0301 | 0.1342 |
| 1653 | 11.4 | 11.4 | 3.1695 | 1.6642 | -0.005  | 4.8287 | 0.3072  | -0.1967 | 0.0269 | 0.1374 |
| 1654 | 11.1 | 11.4 | 3.1718 | 1.662  | -0.005  | 4.8288 | 0.1742  | -0.0702 | 0.027  | 0.1309 |
| 1655 | 10.8 | 11.4 | 3.1732 | 1.6611 | -0.005  | 4.8293 | -0.026  | 0.1265  | 0.0287 | 0.1292 |
| 1656 | 11.2 | 11.4 | 3.1675 | 1.6668 | -0.0049 | 4.8294 | -0.1092 | 0.2484  | 0.0269 | 0.1661 |

|      |      |      |        |        |         |        |         |        |         |        |
|------|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 1657 | 11.3 | 11.4 | 3.1631 | 1.6706 | -0.0049 | 4.8289 | -0.2574 | 0.3961 | 0.0263  | 0.1649 |
| 1658 | 11.2 | 11.4 | 3.1684 | 1.6666 | -0.0049 | 4.8301 | -0.3702 | 0.5167 | 0.0208  | 0.1673 |
| 1659 | 11.3 | 11.4 | 3.1748 | 1.6611 | -0.005  | 4.8308 | -0.4552 | 0.5915 | 0.015   | 0.1512 |
| 1660 | 11.5 | 11.4 | 3.1763 | 1.6589 | -0.005  | 4.8303 | -0.403  | 0.5277 | 0.0086  | 0.1333 |
| 1661 | 11.7 | 11.5 | 3.1792 | 1.6558 | -0.0049 | 4.8301 | -0.376  | 0.5041 | 0.0027  | 0.1307 |
| 1662 | 11.4 | 11.5 | 3.1803 | 1.6542 | -0.005  | 4.8295 | -0.3708 | 0.4854 | -0.0017 | 0.1128 |
| 1663 | 11.5 | 11.5 | 3.1805 | 1.6533 | -0.0051 | 4.8288 | -0.2975 | 0.4105 | -0.0001 | 0.1129 |
| 1664 | 11.7 | 11.5 | 3.1786 | 1.6555 | -0.0051 | 4.829  | -0.2863 | 0.3915 | 0.0029  | 0.1082 |
| 1665 | 11.9 | 11.6 | 3.1761 | 1.6581 | -0.0052 | 4.829  | -0.2558 | 0.356  | 0.003   | 0.1031 |
| 1666 | 11.6 | 11.6 | 3.171  | 1.6631 | -0.0054 | 4.8287 | -0.2506 | 0.333  | -0.002  | 0.0804 |
| 1667 | 11.3 | 11.6 | 3.1624 | 1.6707 | -0.0056 | 4.8274 | -0.3743 | 0.4853 | -0.0041 | 0.1069 |
| 1668 | 11.6 | 11.6 | 3.1562 | 1.6759 | -0.0057 | 4.8264 | -0.499  | 0.6108 | -0.0093 | 0.1024 |
| 1669 | 11.9 | 11.6 | 3.1568 | 1.6729 | -0.0059 | 4.8238 | -0.532  | 0.6296 | -0.0127 | 0.0849 |
| 1670 | 12   | 11.6 | 3.1568 | 1.673  | -0.0058 | 4.824  | -0.7165 | 0.7952 | -0.0095 | 0.0691 |
| 1671 | 11.8 | 11.6 | 3.1568 | 1.6729 | -0.0059 | 4.8238 | -0.6752 | 0.7285 | -0.0076 | 0.0458 |
| 1672 | 11.4 | 11.6 | 3.1565 | 1.6736 | -0.0058 | 4.8242 | -0.5092 | 0.5825 | -0.0102 | 0.0631 |
| 1673 | 11.5 | 11.6 | 3.153  | 1.6764 | -0.0061 | 4.8234 | -0.4837 | 0.5456 | -0.0116 | 0.0503 |
| 1674 | 11.7 | 11.6 | 3.1509 | 1.6808 | -0.0061 | 4.8256 | -0.527  | 0.5847 | -0.013  | 0.0446 |
| 1675 | 12   | 11.5 | 3.1481 | 1.6824 | -0.0065 | 4.824  | -0.5796 | 0.6413 | -0.014  | 0.0477 |
| 1676 | 12   | 11.5 | 3.142  | 1.6876 | -0.0065 | 4.8231 | -0.6407 | 0.7094 | -0.0164 | 0.0523 |
| 1677 | 11.3 | 11.5 | 3.1366 | 1.6943 | -0.0067 | 4.8242 | -0.6348 | 0.7113 | -0.0162 | 0.0603 |
| 1678 | 10.9 | 11.5 | 3.1374 | 1.6915 | -0.0067 | 4.8222 | -0.6048 | 0.6818 | -0.0142 | 0.0629 |
| 1679 | 11.4 | 11.5 | 3.1426 | 1.6837 | -0.0065 | 4.8197 | -0.6608 | 0.7249 | -0.0117 | 0.0525 |
| 1680 | 11.1 | 11.5 | 3.1494 | 1.6766 | -0.0066 | 4.8194 | -0.7303 | 0.7965 | -0.0102 | 0.056  |
| 1681 | 11.2 | 11.5 | 3.1561 | 1.6719 | -0.0066 | 4.8214 | -0.7494 | 0.8275 | -0.0108 | 0.0672 |
| 1682 | 11.9 | 11.5 | 3.1585 | 1.669  | -0.0065 | 4.821  | -0.743  | 0.8203 | -0.012  | 0.0652 |
| 1683 | 11.2 | 11.5 | 3.1644 | 1.6631 | -0.0063 | 4.8211 | -0.7443 | 0.8261 | -0.0125 | 0.0693 |
| 1684 | 10.5 | 11.5 | 3.1708 | 1.6564 | -0.0064 | 4.8209 | -0.7684 | 0.8496 | -0.0115 | 0.0697 |
| 1685 | 11.1 | 11.5 | 3.1762 | 1.6529 | -0.0062 | 4.8229 | -0.6213 | 0.7106 | -0.0117 | 0.0776 |
| 1686 | 11.2 | 11.4 | 3.1798 | 1.6488 | -0.0059 | 4.8227 | -0.4927 | 0.5676 | -0.0114 | 0.0635 |
| 1687 | 11.9 | 11.4 | 3.1802 | 1.6482 | -0.0058 | 4.8226 | -0.4773 | 0.5356 | -0.009  | 0.0493 |
| 1688 | 11.8 | 11.5 | 3.1805 | 1.6482 | -0.0058 | 4.8228 | -0.4698 | 0.5142 | -0.008  | 0.0364 |
| 1689 | 11.6 | 11.4 | 3.1854 | 1.6434 | -0.006  | 4.8228 | -0.4259 | 0.4692 | -0.0051 | 0.0383 |
| 1690 | 11.7 | 11.5 | 3.1867 | 1.642  | -0.0062 | 4.8225 | -0.3844 | 0.4239 | -0.0032 | 0.0362 |
| 1691 | 12.2 | 11.5 | 3.1849 | 1.6438 | -0.0062 | 4.8225 | -0.3322 | 0.3879 | -0.003  | 0.0526 |
| 1692 | 11.8 | 11.4 | 3.1853 | 1.6432 | -0.0063 | 4.8223 | -0.2798 | 0.3424 | -0.0023 | 0.0603 |
| 1693 | 11.3 | 11.4 | 3.1902 | 1.6376 | -0.0063 | 4.8216 | -0.3256 | 0.3745 | -0.0013 | 0.0476 |

|      |      |      |        |        |         |        |         |        |         |        |
|------|------|------|--------|--------|---------|--------|---------|--------|---------|--------|
| 1694 | 11.7 | 11.5 | 3.1893 | 1.6384 | -0.0062 | 4.8216 | -0.4125 | 0.4722 | 0.0014  | 0.0612 |
| 1695 | 11.4 | 11.5 | 3.1887 | 1.6383 | -0.0063 | 4.8207 | -0.3781 | 0.4416 | -0.0016 | 0.0618 |
| 1696 | 11.4 | 11.4 | 3.1909 | 1.6361 | -0.0065 | 4.8205 | -0.3664 | 0.4149 | -0.0029 | 0.0456 |
| 1697 | 11.2 | 11.4 | 3.1888 | 1.6381 | -0.0067 | 4.8201 | -0.4383 | 0.4905 | -0.004  | 0.0482 |
| 1698 | 11.1 | 11.4 | 3.1848 | 1.6421 | -0.007  | 4.8199 | -0.4879 | 0.5388 | -0.0039 | 0.0471 |
| 1699 | 11.7 | 11.4 | 3.1889 | 1.6359 | -0.0072 | 4.8177 | -0.4884 | 0.5249 | -0.002  | 0.0346 |
| 1700 | 11.6 | 11.4 | 3.1955 | 1.6295 | -0.0074 | 4.8176 | -0.3895 | 0.4119 | 0.0019  | 0.0244 |
| 1701 | 11.1 | 11.3 | 3.1984 | 1.6265 | -0.0075 | 4.8173 | -0.3216 | 0.3637 | 0.003   | 0.045  |
| 1702 | 11.1 | 11.3 | 3.2004 | 1.6244 | -0.0075 | 4.8173 | -0.2198 | 0.2675 | 0.0009  | 0.0487 |
| 1703 | 11.1 | 11.3 | 3.2023 | 1.6229 | -0.0077 | 4.8175 | -0.2285 | 0.3045 | -0.002  | 0.0739 |
| 1704 | 11   | 11.3 | 3.212  | 1.6132 | -0.0076 | 4.8176 | -0.2472 | 0.3222 | -0.0019 | 0.0732 |
| 1705 | 10.8 | 11.2 | 3.2173 | 1.6058 | -0.0073 | 4.8158 | -0.2691 | 0.362  | -0.0002 | 0.0927 |
| 1706 | 11.2 | 11.2 | 3.2294 | 1.5944 | -0.0074 | 4.8164 | -0.2693 | 0.3723 | -0.0011 | 0.1019 |
| 1707 | 11.5 | 11.1 | 3.2297 | 1.5939 | -0.0069 | 4.8167 | -0.3027 | 0.4021 | 0.0047  | 0.1041 |
| 1708 | 11   | 11.1 | 3.2251 | 1.5982 | -0.0066 | 4.8167 | -0.3308 | 0.4327 | 0.0094  | 0.1113 |
| 1709 | 11.5 | 11   | 3.2193 | 1.6046 | -0.0062 | 4.8176 | -0.3075 | 0.4256 | 0.0093  | 0.1274 |
| 1710 | 11.6 | 10.9 | 3.2127 | 1.6101 | -0.0059 | 4.8169 | -0.2425 | 0.365  | 0.008   | 0.1306 |
| 1711 | 11.3 | 10.9 | 3.2113 | 1.613  | -0.0056 | 4.8186 | -0.2187 | 0.3354 | 0.0081  | 0.1247 |
| 1712 | 11.4 | 10.8 | 3.2034 | 1.621  | -0.0057 | 4.8187 | -0.1775 | 0.2935 | 0.0097  | 0.1256 |
| 1713 | 11.3 | 10.8 | 3.2016 | 1.6234 | -0.0059 | 4.819  | -0.2129 | 0.3392 | 0.008   | 0.1343 |
| 1714 | 10.3 | 10.8 | 3.1963 | 1.6277 | -0.006  | 4.8181 | -0.2349 | 0.3605 | 0.007   | 0.1326 |
| 1715 | 10.2 | 10.8 | 3.1927 | 1.6334 | -0.0059 | 4.8202 | -0.2444 | 0.3578 | 0.0064  | 0.1199 |
| 1716 | 10.5 | 10.8 | 3.206  | 1.6177 | -0.0057 | 4.818  | -0.233  | 0.3451 | 0.0064  | 0.1184 |
| 1717 | 10.4 | 10.8 | 3.2135 | 1.6099 | -0.0053 | 4.8181 | -0.2947 | 0.4096 | 0.005   | 0.1199 |
| 1718 | 9.97 | 10.8 | 3.2163 | 1.6079 | -0.005  | 4.8192 | -0.4046 | 0.5112 | 0.005   | 0.1117 |
| 1719 | 9.95 | 10.8 | 3.2365 | 1.5902 | -0.0054 | 4.8212 | -0.5011 | 0.5988 | 0.006   | 0.1036 |
| 1720 | 10.2 | 10.8 | 3.2357 | 1.5928 | -0.0054 | 4.823  | -0.5021 | 0.5906 | 0.0045  | 0.093  |
| 1721 | 10.4 | 10.9 | 3.2229 | 1.6035 | -0.0052 | 4.8211 | -0.4905 | 0.5826 | 0.0042  | 0.0963 |
| 1722 | 10.7 | 10.9 | 3.223  | 1.6042 | -0.0051 | 4.8221 | -0.5109 | 0.5963 | 0.0044  | 0.0898 |
| 1723 | 10.9 | 10.9 | 3.2298 | 1.5968 | -0.005  | 4.8216 | -0.4216 | 0.5081 | 0.0058  | 0.0923 |
| 1724 | 11.2 | 11   | 3.2363 | 1.5896 | -0.0049 | 4.821  | -0.3933 | 0.4785 | 0.0007  | 0.0859 |
| 1725 | 11.3 | 11.1 | 3.2405 | 1.5852 | -0.0046 | 4.8211 | -0.3529 | 0.4734 | -0.001  | 0.1195 |
| 1726 | 11.4 | 11.2 | 3.2436 | 1.582  | -0.0045 | 4.8211 | -0.3797 | 0.4877 | -0.0061 | 0.1019 |
| 1727 | 11.4 | 11.3 | 3.2452 | 1.581  | -0.0045 | 4.8217 | -0.4701 | 0.5657 | -0.0108 | 0.0848 |
| 1728 | 11.6 | 11.4 | 3.255  | 1.5712 | -0.0046 | 4.8216 | -0.5854 | 0.6958 | -0.0148 | 0.0956 |
| 1729 | 11.7 | 11.5 | 3.2635 | 1.5618 | -0.0045 | 4.8208 | -0.5908 | 0.6735 | -0.0133 | 0.0694 |
| 1730 | 11.8 | 11.6 | 3.2628 | 1.5618 | -0.0042 | 4.8204 | -0.5196 | 0.565  | -0.0111 | 0.0343 |

|      |      |      |        |        |         |        |         |         |         |        |
|------|------|------|--------|--------|---------|--------|---------|---------|---------|--------|
| 1731 | 12.1 | 11.7 | 3.2605 | 1.5642 | -0.0041 | 4.8206 | -0.429  | 0.483   | -0.0102 | 0.0438 |
| 1732 | 11.8 | 11.7 | 3.2601 | 1.5655 | -0.0041 | 4.8215 | -0.3642 | 0.4326  | -0.0099 | 0.0584 |
| 1733 | 12   | 11.7 | 3.2602 | 1.5658 | -0.0043 | 4.8218 | -0.4125 | 0.4967  | -0.0098 | 0.0745 |
| 1734 | 11.8 | 11.8 | 3.2486 | 1.5777 | -0.0045 | 4.8218 | -0.3902 | 0.4574  | -0.0053 | 0.0618 |
| 1735 | 12   | 11.8 | 3.2378 | 1.59   | -0.0045 | 4.8234 | -0.3833 | 0.4483  | -0.0039 | 0.0611 |
| 1736 | 12   | 11.8 | 3.2361 | 1.5924 | -0.0044 | 4.824  | -0.3723 | 0.4641  | -0.0013 | 0.0906 |
| 1737 | 12.1 | 11.9 | 3.2371 | 1.5913 | -0.0047 | 4.8237 | -0.3641 | 0.4328  | 0.0021  | 0.0708 |
| 1738 | 12.4 | 11.9 | 3.2364 | 1.592  | -0.0048 | 4.8235 | -0.3855 | 0.4593  | 0.0009  | 0.0747 |
| 1739 | 11.5 | 11.9 | 3.2344 | 1.5946 | -0.0048 | 4.8242 | -0.4103 | 0.4761  | -0.0013 | 0.0645 |
| 1740 | 11.6 | 11.9 | 3.2245 | 1.6026 | -0.0048 | 4.8223 | -0.4389 | 0.5108  | -0.0036 | 0.0682 |
| 1741 | 11.6 | 11.8 | 3.2138 | 1.6129 | -0.0049 | 4.8218 | -0.5022 | 0.5906  | -0.0099 | 0.0784 |
| 1742 | 11.8 | 11.8 | 3.2143 | 1.6132 | -0.005  | 4.8225 | -0.5824 | 0.6576  | -0.0089 | 0.0663 |
| 1743 | 11.7 | 11.7 | 3.2169 | 1.6099 | -0.0052 | 4.8216 | -0.6242 | 0.6996  | -0.0088 | 0.0666 |
| 1744 | 11.9 | 11.7 | 3.2121 | 1.6153 | -0.0051 | 4.8223 | -0.5498 | 0.6213  | -0.0093 | 0.0622 |
| 1745 | 12.1 | 11.7 | 3.2062 | 1.6226 | -0.0051 | 4.8237 | -0.5253 | 0.6058  | -0.0088 | 0.0717 |
| 1746 | 12.4 | 11.6 | 3.2028 | 1.6265 | -0.0051 | 4.8242 | -0.522  | 0.5977  | -0.0105 | 0.0651 |
| 1747 | 12   | 11.6 | 3.2068 | 1.6226 | -0.005  | 4.8243 | -0.5104 | 0.5844  | -0.0122 | 0.0618 |
| 1748 | 10.9 | 11.6 | 3.2053 | 1.6241 | -0.005  | 4.8243 | -0.526  | 0.6051  | -0.0144 | 0.0647 |
| 1749 | 11.7 | 11.6 | 3.2024 | 1.6274 | -0.0053 | 4.8245 | -0.5273 | 0.6031  | -0.0159 | 0.06   |
| 1750 | 11   | 11.6 | 3.1949 | 1.6332 | -0.0053 | 4.8228 | -0.4039 | 0.4484  | -0.0177 | 0.0268 |
| 1751 | 11.1 | 11.7 | 3.1878 | 1.64   | -0.0051 | 4.8227 | -0.2372 | 0.2925  | -0.0181 | 0.0372 |
| 1752 | 11.3 | 11.7 | 3.1904 | 1.6353 | -0.0048 | 4.8209 | -0.211  | 0.2658  | -0.0201 | 0.0347 |
| 1753 | 11.1 | 11.7 | 3.1942 | 1.632  | -0.0048 | 4.8214 | -0.1922 | 0.2472  | -0.0201 | 0.0349 |
| 1754 | 11.5 | 11.7 | 3.1987 | 1.6258 | -0.005  | 4.8195 | -0.1748 | 0.2338  | -0.0216 | 0.0374 |
| 1755 | 10.8 | 11.6 | 3.2001 | 1.6239 | -0.0049 | 4.8191 | -0.0753 | 0.1357  | -0.0215 | 0.0389 |
| 1756 | 12.5 | 11.6 | 3.1977 | 1.6266 | -0.0054 | 4.819  | -0.0202 | 0.0591  | -0.0189 | 0.02   |
| 1757 | 11.8 | 11.5 | 3.1962 | 1.6273 | -0.0058 | 4.8177 | 0.1085  | -0.0622 | -0.0195 | 0.0268 |
| 1758 | 11.6 | 11.6 | 3.1991 | 1.624  | -0.0058 | 4.8173 | 0.1128  | -0.0673 | -0.015  | 0.0305 |
| 1759 | 12.3 | 11.6 | 3.199  | 1.6246 | -0.0059 | 4.8178 | 0.0631  | -0.0216 | -0.0115 | 0.03   |
| 1760 | 12   | 11.5 | 3.1982 | 1.6253 | -0.0058 | 4.8178 | 0.0001  | 0.0481  | -0.0072 | 0.041  |
| 1761 | 11.8 | 11.5 | 3.197  | 1.6265 | -0.0059 | 4.8175 | -0.0727 | 0.1099  | -0.004  | 0.0333 |
| 1762 | 11.9 | 11.5 | 3.2016 | 1.6202 | -0.0058 | 4.816  | -0.0896 | 0.1437  | -0.0007 | 0.0533 |
| 1763 | 11.8 | 11.5 | 3.204  | 1.6173 | -0.0058 | 4.8155 | -0.1801 | 0.2369  | -0.0016 | 0.0552 |
| 1764 | 11.4 | 11.4 | 3.203  | 1.6197 | -0.0057 | 4.817  | -0.2034 | 0.2664  | -0.0039 | 0.0592 |
| 1765 | 11.4 | 11.5 | 3.1994 | 1.6235 | -0.0058 | 4.8171 | -0.2663 | 0.3201  | -0.0051 | 0.0486 |
| 1766 | 11.4 | 11.4 | 3.2005 | 1.6221 | -0.0059 | 4.8167 | -0.3127 | 0.391   | -0.0041 | 0.0743 |
| 1767 | 11.7 | 11.3 | 3.2029 | 1.6195 | -0.0061 | 4.8163 | -0.1583 | 0.2082  | -0.0016 | 0.0483 |

|      |      |      |        |        |         |        |         |         |        |        |
|------|------|------|--------|--------|---------|--------|---------|---------|--------|--------|
| 1768 | 11.2 | 11.3 | 3.2063 | 1.616  | -0.0063 | 4.816  | -0.069  | 0.1165  | 0.0034 | 0.0509 |
| 1769 | 10.8 | 11.2 | 3.207  | 1.6138 | -0.0063 | 4.8145 | -0.036  | 0.094   | 0.0062 | 0.0643 |
| 1770 | 11   | 11.1 | 3.2058 | 1.6148 | -0.0062 | 4.8144 | 0.2125  | -0.1236 | 0.0017 | 0.0907 |
| 1771 | 10.2 | 11.1 | 3.2079 | 1.6133 | -0.0063 | 4.8148 | 0.2052  | -0.0924 | 0.0014 | 0.1142 |
| 1772 | 10.5 | 11.1 | 3.1986 | 1.6228 | -0.0064 | 4.815  | 0.0457  | 0.0412  | 0.0048 | 0.0917 |
| 1773 | 11.1 | 11   | 3.1924 | 1.6286 | -0.0061 | 4.8148 | 0.0475  | 0.0511  | 0.0062 | 0.1048 |
| 1774 | 11.2 | 11.1 | 3.1862 | 1.6335 | -0.006  | 4.8137 | 0.1373  | -0.0445 | 0.0068 | 0.0996 |
| 1775 | 10.8 | 11.1 | 3.1861 | 1.6336 | -0.0059 | 4.8138 | 0.2247  | -0.1396 | 0.0082 | 0.0933 |
| 1776 | 10.7 | 11   | 3.189  | 1.631  | -0.0054 | 4.8146 | 0.2835  | -0.2001 | 0.0132 | 0.0966 |
| 1777 | 11.4 | 11   | 3.1951 | 1.6247 | -0.0052 | 4.8147 | 0.329   | -0.2459 | 0.0143 | 0.0974 |
| 1778 | 10.5 | 11   | 3.1964 | 1.6242 | -0.0054 | 4.8152 | 0.3554  | -0.2633 | 0.0145 | 0.1066 |
| 1779 | 10.9 | 11   | 3.1946 | 1.6272 | -0.0054 | 4.8163 | 0.4963  | -0.4022 | 0.0135 | 0.1075 |
| 1780 | 11.5 | 11   | 3.1923 | 1.6283 | -0.0056 | 4.815  | 0.6229  | -0.5405 | 0.0145 | 0.0969 |
| 1781 | 10.5 | 11.1 | 3.1926 | 1.6286 | -0.0056 | 4.8156 | 0.6221  | -0.5482 | 0.0192 | 0.0931 |
| 1782 | 11.6 | 11.1 | 3.1997 | 1.6193 | -0.0055 | 4.8135 | 0.5976  | -0.5223 | 0.0218 | 0.0971 |
| 1783 | 11.5 | 11.1 | 3.2034 | 1.6174 | -0.0058 | 4.815  | 0.6006  | -0.5105 | 0.0221 | 0.1122 |
| 1784 | 11.3 | 11   | 3.2092 | 1.6116 | -0.006  | 4.8148 | 0.6116  | -0.5133 | 0.0192 | 0.1176 |
| 1785 | 10.9 | 11   | 3.2135 | 1.6065 | -0.0061 | 4.8139 | 0.4453  | -0.3414 | 0.0166 | 0.1205 |
| 1786 | 11.3 | 11   | 3.2162 | 1.6055 | -0.0061 | 4.8156 | 0.2857  | -0.1563 | 0.0162 | 0.1456 |
| 1787 | 11.5 | 10.9 | 3.2187 | 1.6023 | -0.0059 | 4.8151 | 0.2632  | -0.1225 | 0.0175 | 0.1582 |
| 1788 | 11.2 | 10.9 | 3.2215 | 1.6005 | -0.0057 | 4.8163 | 0.2833  | -0.142  | 0.014  | 0.1552 |
| 1789 | 11.1 | 10.8 | 3.2293 | 1.5923 | -0.0056 | 4.816  | 0.2764  | -0.1329 | 0.0122 | 0.1557 |
| 1790 | 10.8 | 10.8 | 3.2369 | 1.583  | -0.0052 | 4.8147 | 0.2476  | -0.0914 | 0.0124 | 0.1687 |
| 1791 | 10.7 | 10.8 | 3.2431 | 1.5781 | -0.0053 | 4.8159 | 0.0878  | 0.0403  | 0.0126 | 0.1407 |
| 1792 | 11   | 10.7 | 3.2477 | 1.5733 | -0.0054 | 4.8156 | -0.0929 | 0.2149  | 0.0117 | 0.1337 |
| 1793 | 10.6 | 10.6 | 3.2452 | 1.5755 | -0.0054 | 4.8154 | -0.0858 | 0.2236  | 0.0101 | 0.1479 |
| 1794 | 10.2 | 10.5 | 3.2419 | 1.5779 | -0.0053 | 4.8145 | -0.0417 | 0.1695  | 0.0071 | 0.1348 |
| 1795 | 9.78 | 10.4 | 3.2409 | 1.5786 | -0.0052 | 4.8142 | -0.128  | 0.2704  | 0.0078 | 0.1502 |
| 1796 | 10.2 | 10.3 | 3.2419 | 1.5776 | -0.0052 | 4.8143 | -0.2375 | 0.4076  | 0.0083 | 0.1784 |
| 1797 | 10.2 | 10.2 | 3.2414 | 1.5776 | -0.0053 | 4.8137 | -0.3041 | 0.4866  | 0.0084 | 0.1909 |
| 1798 | 10.2 | 10.3 | 3.2375 | 1.5818 | -0.0054 | 4.8139 | -0.2353 | 0.4221  | 0.0102 | 0.197  |
| 1799 | 10.2 | 10.3 | 3.2293 | 1.5911 | -0.0054 | 4.815  | -0.2688 | 0.4592  | 0.0107 | 0.2011 |
| 1800 | 10.5 | 10.5 | 3.2192 | 1.6002 | -0.0056 | 4.8139 | -0.3295 | 0.5329  | 0.0053 | 0.2087 |