

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Peak #** | **tstart (min)** | **tend (min)** | **rt (min)** | **Heightmax (AU)** | **Area (AU)** | **Area (%)** |
| 1 | 2.56 | 2.71 | 2.61 | 0.063 | 3.73x10-3 | 5.95 % |
| 2 | 3.18 | 3.27 | 3.22 | 0.002 | 7.60x10-5 | 0.12 % |
| 3 | 7.86 | 8.03 | 7.93 | 0.000 | 1.28x10-5 | 0.02 % |
| 4 | 8.17 | 8.43 | 8.32 | 0.001 | 4.25x10-5 | 0.07 % |
| 5 | 8.43 | 8.72 | 8.65 | 0.001 | 2.11x10-5 | 0.03 % |
| 6 | 8.72 | 8.80 | 8.78 | 0.001 | 1.43x10-6 | 0.00 % |
| 7 | 8.80 | 8.92 | 8.90 | 0.001 | 2.31x10-6 | 0.00 % |
| 8 | 8.92 | 9.15 | 9.01 | 0.001 | 2.37x10-5 | 0.04 % |
| 9 | 9.15 | 9.34 | 9.32 | 0.001 | 6.34x10-6 | 0.01 % |
| 10 | 9.34 | 9.68 | 9.66 | 0.001 | 4.52x10-6 | 0.01 % |
| 11 | 9.68 | 9.74 | 9.72 | 0.001 | 3.40x10-7 | 0.00 % |
| 12 | 9.74 | 9.93 | 9.90 | 0.001 | 3.57x10-6 | 0.01 % |
| 13 | 9.93 | 10.00 | 9.96 | 0.001 | 8.86x10-7 | 0.00 % |
| 14 | 10.00 | 10.15 | 10.11 | 0.002 | 5.54x10-6 | 0.01 % |
| 15 | 10.15 | 10.45 | 10.43 | 0.002 | 4.58x10-6 | 0.01 % |
| 16 | 10.45 | 10.50 | 10.48 | 0.002 | 3.85x10-7 | 0.00 % |
| 17 | 10.50 | 10.62 | 10.59 | 0.002 | 2.37x10-6 | 0.00 % |
| 18 | 10.62 | 10.69 | 10.67 | 0.002 | 8.78x10-7 | 0.00 % |
| 19 | 10.69 | 10.78 | 10.76 | 0.002 | 5.45x10-7 | 0.00 % |
| 20 | 10.78 | 10.93 | 10.90 | 0.002 | 8.31x10-7 | 0.00 % |
| 21 | 10.96 | 11.10 | 11.04 | 0.002 | 4.79x10-6 | 0.01 % |
| 22 | 11.10 | 11.23 | 11.20 | 0.002 | 4.04x10-6 | 0.01 % |
| 23 | 11.23 | 11.29 | 11.29 | 0.002 | 3.77x10-7 | 0.00 % |
| 24 | 11.29 | 11.64 | 11.52 | 0.003 | 3.63x10-5 | 0.06 % |
| 25 | 11.64 | 11.88 | 11.84 | 0.003 | 7.32x10-6 | 0.01 % |
| 26 | 11.88 | 11.98 | 11.96 | 0.003 | 6.63x10-7 | 0.00 % |
| 27 | 11.98 | 12.05 | 12.03 | 0.003 | 7.72x10-7 | 0.00 % |
| 28 | 12.05 | 12.14 | 12.13 | 0.003 | 5.23x10-7 | 0.00 % |
| 29 | 12.14 | 12.29 | 12.25 | 0.003 | 5.36x10-6 | 0.01 % |
| 30 | 12.29 | 12.39 | 12.34 | 0.003 | 4.34x10-6 | 0.01 % |
| 31 | 12.39 | 12.60 | 12.56 | 0.003 | 5.38x10-6 | 0.01 % |
| 32 | 12.60 | 12.65 | 12.64 | 0.003 | 5.82x10-7 | 0.00 % |
| 33 | 12.65 | 12.84 | 12.79 | 0.003 | 8.47x10-6 | 0.01 % |
| 34 | 12.84 | 12.95 | 12.91 | 0.004 | 5.32x10-6 | 0.01 % |
| 35 | 12.95 | 13.17 | 13.16 | 0.004 | 4.36x10-6 | 0.01 % |
| 36 | 13.17 | 13.24 | 13.21 | 0.004 | 4.52x10-7 | 0.00 % |
| 37 | 13.24 | 13.28 | 13.26 | 0.004 | 1.47x10-7 | 0.00 % |
| 38 | 13.28 | 13.38 | 13.34 | 0.004 | 4.42x10-6 | 0.01 % |
| 39 | 13.38 | 13.45 | 13.44 | 0.004 | 4.09x10-7 | 0.00 % |
| 40 | 13.45 | 13.57 | 13.54 | 0.004 | 1.58x10-6 | 0.00 % |
| 41 | 13.57 | 13.65 | 13.61 | 0.004 | 1.00x10-6 | 0.00 % |
| 42 | 13.65 | 13.73 | 13.70 | 0.004 | 6.70x10-7 | 0.00 % |
| 43 | 13.73 | 13.82 | 13.78 | 0.004 | 1.46x10-6 | 0.00 % |
| 44 | 13.82 | 14.02 | 13.99 | 0.004 | 2.68x10-6 | 0.00 % |
| 45 | 14.02 | 14.10 | 14.06 | 0.004 | 9.72x10-7 | 0.00 % |
| 46 | 14.10 | 14.36 | 14.27 | 0.004 | 2.82x10-5 | 0.04 % |
| 47 | 14.36 | 14.43 | 14.42 | 0.004 | 5.17x10-7 | 0.00 % |
| 48 | 14.43 | 14.51 | 14.49 | 0.004 | 1.04x10-6 | 0.00 % |
| 49 | 14.51 | 14.85 | 14.83 | 0.005 | 7.13x10-6 | 0.01 % |
| 50 | 14.85 | 15.06 | 14.92 | 0.005 | 7.23x10-6 | 0.01 % |
| 51 | 15.06 | 15.12 | 15.12 | 0.005 | 3.13x10-7 | 0.00 % |
| 52 | 15.12 | 15.85 | 15.37 | 0.481 | 5.70x10-2 | 90.86 % |
| 53 | 15.85 | 16.05 | 15.87 | 0.005 | 6.56x10-7 | 0.00 % |
| 54 | 16.05 | 16.14 | 16.09 | 0.005 | 1.61x10-6 | 0.00 % |
| 55 | 16.14 | 16.24 | 16.19 | 0.005 | 1.79x10-6 | 0.00 % |
| 56 | 16.24 | 16.37 | 16.27 | 0.005 | 2.27x10-6 | 0.00 % |
| 57 | 16.37 | 16.72 | 16.61 | 0.005 | 2.60x10-5 | 0.04 % |
| 58 | 16.72 | 16.81 | 16.75 | 0.005 | 2.04x10-6 | 0.00 % |
| 59 | 16.82 | 16.86 | 16.83 | 0.005 | 1.18x10-7 | 0.00 % |
| 60 | 16.86 | 16.90 | 16.89 | 0.005 | 6.66x10-8 | 0.00 % |
| 61 | 16.90 | 16.96 | 16.95 | 0.005 | 7.47x10-8 | 0.00 % |
| 62 | 16.96 | 17.23 | 17.11 | 0.005 | 2.24x10-5 | 0.04 % |
| 63 | 17.23 | 17.32 | 17.28 | 0.005 | 1.20x10-6 | 0.00 % |
| 64 | 17.32 | 17.42 | 17.35 | 0.005 | 1.76x10-6 | 0.00 % |
| 65 | 17.42 | 17.52 | 17.47 | 0.005 | 3.55x10-6 | 0.01 % |
| 66 | 17.53 | 17.65 | 17.60 | 0.005 | 6.79x10-6 | 0.01 % |
| 67 | 17.65 | 17.82 | 17.78 | 0.005 | 5.65x10-6 | 0.01 % |
| 68 | 17.82 | 17.96 | 17.92 | 0.005 | 7.36x10-6 | 0.01 % |
| 69 | 17.96 | 18.12 | 18.05 | 0.005 | 4.28x10-6 | 0.01 % |
| 70 | 18.12 | 18.23 | 18.19 | 0.005 | 2.55x10-6 | 0.00 % |
| 71 | 18.23 | 18.33 | 18.30 | 0.005 | 1.22x10-6 | 0.00 % |
| 72 | 18.33 | 18.43 | 18.40 | 0.005 | 2.59x10-6 | 0.00 % |
| 73 | 18.43 | 18.76 | 18.60 | 0.007 | 1.67x10-4 | 0.27 % |
| 74 | 18.76 | 18.80 | 18.78 | 0.006 | 6.77x10-8 | 0.00 % |
| 75 | 18.80 | 18.92 | 18.85 | 0.006 | 4.69x10-6 | 0.01 % |
| 76 | 18.92 | 19.30 | 19.05 | 0.006 | 2.50x10-5 | 0.04 % |
| 77 | 19.30 | 19.42 | 19.34 | 0.006 | 1.85x10-6 | 0.00 % |
| 78 | 19.42 | 19.49 | 19.48 | 0.006 | 4.56x10-7 | 0.00 % |
| 79 | 19.49 | 19.57 | 19.51 | 0.006 | 1.05x10-6 | 0.00 % |
| 80 | 19.57 | 19.72 | 19.60 | 0.006 | 3.88x10-6 | 0.01 % |
| 81 | 19.72 | 19.89 | 19.76 | 0.005 | 6.26x10-6 | 0.01 % |
| 82 | 19.89 | 19.98 | 19.94 | 0.005 | 1.93x10-6 | 0.00 % |
| 83 | 19.98 | 20.05 | 20.01 | 0.005 | 1.41x10-6 | 0.00 % |
| 84 | 20.05 | 20.14 | 20.11 | 0.005 | 2.93x10-6 | 0.01 % |
| 85 | 20.14 | 20.28 | 20.16 | 0.005 | 2.44x10-6 | 0.00 % |
| 86 | 20.28 | 20.36 | 20.32 | 0.005 | 1.55x10-6 | 0.00 % |
| 87 | 20.36 | 20.42 | 20.40 | 0.005 | 8.14x10-7 | 0.00 % |
| 88 | 20.42 | 20.73 | 20.57 | 0.006 | 6.96x10-5 | 0.11 % |
| 89 | 20.73 | 21.02 | 20.86 | 0.005 | 2.99x10-5 | 0.05 % |
| 90 | 21.02 | 21.20 | 21.10 | 0.005 | 8.62x10-6 | 0.01 % |
| 91 | 21.20 | 21.28 | 21.22 | 0.005 | 1.20x10-6 | 0.00 % |
| 92 | 21.28 | 21.35 | 21.30 | 0.005 | 6.20x10-7 | 0.00 % |
| 93 | 21.35 | 21.44 | 21.42 | 0.005 | 7.73x10-7 | 0.00 % |
| 94 | 21.44 | 21.55 | 21.47 | 0.005 | 1.41x10-6 | 0.00 % |
| 95 | 21.55 | 21.73 | 21.57 | 0.005 | 1.53x10-6 | 0.00 % |
| 96 | 21.73 | 21.82 | 21.76 | 0.005 | 1.36x10-6 | 0.00 % |
| 97 | 21.82 | 21.89 | 21.84 | 0.005 | 6.32x10-7 | 0.00 % |
| 98 | 21.89 | 21.99 | 21.91 | 0.004 | 1.13x10-6 | 0.00 % |
| 99 | 21.99 | 22.20 | 22.03 | 0.004 | 6.08x10-6 | 0.01 % |
| 100 | 22.20 | 22.33 | 22.27 | 0.004 | 3.82x10-6 | 0.01 % |
| 101 | 22.33 | 22.45 | 22.36 | 0.004 | 1.59x10-6 | 0.00 % |
| 102 | 22.51 | 22.56 | 22.54 | 0.004 | 1.29x10-7 | 0.00 % |
| 103 | 22.56 | 22.66 | 22.61 | 0.004 | 2.50x10-6 | 0.00 % |
| 104 | 22.66 | 22.74 | 22.72 | 0.004 | 8.32x10-7 | 0.00 % |
| 105 | 22.74 | 22.85 | 22.76 | 0.004 | 1.38x10-6 | 0.00 % |
| 106 | 22.85 | 22.90 | 22.86 | 0.004 | 2.17x10-7 | 0.00 % |
| 107 | 22.90 | 23.06 | 22.92 | 0.004 | 1.23x10-6 | 0.00 % |
| 108 | 23.06 | 23.40 | 23.18 | 0.005 | 1.27x10-4 | 0.20 % |
| 109 | 23.40 | 23.51 | 23.42 | 0.003 | 2.44x10-6 | 0.00 % |
| 110 | 23.51 | 23.63 | 23.55 | 0.003 | 5.26x10-6 | 0.01 % |
| 111 | 23.63 | 24.22 | 23.79 | 0.009 | 8.43x10-4 | 1.34 % |
| 112 | 24.22 | 24.46 | 24.25 | 0.003 | 3.55x10-6 | 0.01 % |
| 113 | 24.46 | 24.66 | 24.48 | 0.002 | 3.93x10-6 | 0.01 % |
| 114 | 24.66 | 24.82 | 24.68 | 0.002 | 2.10x10-6 | 0.00 % |
| 115 | 24.82 | 24.97 | 24.86 | 0.002 | 4.43x10-6 | 0.01 % |
| 116 | 24.97 | 25.04 | 25.00 | 0.002 | 8.48x10-7 | 0.00 % |
| 117 | 25.22 | 25.28 | 25.26 | 0.002 | 2.75x10-7 | 0.00 % |
| 118 | 25.28 | 25.34 | 25.29 | 0.002 | 3.51x10-7 | 0.00 % |
| 119 | 25.34 | 25.47 | 25.35 | 0.002 | 3.10x10-7 | 0.00 % |
| 120 | 25.47 | 25.57 | 25.49 | 0.001 | 1.12x10-6 | 0.00 % |
| 121 | 25.57 | 25.68 | 25.59 | 0.001 | 2.84x10-6 | 0.01 % |
| 122 | 25.68 | 25.83 | 25.71 | 0.001 | 2.99x10-6 | 0.01 % |
| 123 | 25.83 | 26.03 | 25.83 | 0.001 | 5.20x10-6 | 0.01 % |
| 124 | 26.03 | 26.27 | 26.11 | 0.001 | 1.83x10-5 | 0.03 % |
| 125 | 26.27 | 26.32 | 26.28 | 0.000 | 4.49x10-7 | 0.00 % |
| 126 | 26.32 | 26.37 | 26.34 | 0.000 | 1.50x10-7 | 0.00 % |
| 127 | 26.37 | 26.50 | 26.40 | 0.000 | 4.78x10-6 | 0.01 % |
| 128 | 26.50 | 26.68 | 26.53 | 0.000 | 5.52x10-6 | 0.01 % |
| 129 | 31.64 | 31.81 | 31.76 | 0.003 | 1.11x10-4 | 0.18 % |
| 130 | 31.81 | 31.98 | 31.94 | 0.004 | 4.77x10-5 | 0.08 % |
| 131 | 31.98 | 32.00 | 32.00 | 0.004 | 1.75x10-18 | 0.00 % |

# Peak Summary

This table shows the peak with the largest percent area from each replicate.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| File | index | t\_start\_min | t\_end\_min | rt\_min | apex\_intensity | area | pct\_area | measure\_value |
| 75ae81c799384693a809ed04be8a5e6f\_ku104 1.cdf | 52.0 | 15.1208 | 15.8533 | 15.3717 | 0.4808749854564666 | 0.0569966 | 90.856 | 0.0569966 |

Mean of % Area: 90.86

Standard Deviation of % Area: nan