

SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 06-NOV-2016 To 07-NOV-2016

| Sr No | Start Orbit | End Orbit | Dir. | Ver. | SNR | | | | | | | | | | | | Sigma0 | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| | | | | | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 593 | 594 | SN | 1 | 0.0 | 55.154 | 1.034 | 0.0 | 49.711 | 0.928 | 0.0 | 57.217 | 1.08 | 0.0 | 45.483 | 1.199 | 0.0 | 94.678 | 1.074 | 0.0 | 95.509 | 0.976 | 0.0 | 92.267 | 1.069 | 0.0 | 45.219 | 1.19 |
| 2 | 593 | 594 | NS | 1 | 0.0 | 60.099 | 8.221 | 0.0 | 92.883 | 7.994 | 0.0 | 53.491 | 7.506 | 0.0 | 61.032 | 7.699 | 0.0 | 94.887 | 8.383 | 0.0 | 95.025 | 8.197 | 0.0 | 53.26 | 7.445 | 0.0 | 60.857 | 7.647 |
| 3 | 593 | 594 | NS | 1 | 0.0 | 50.305 | 2.858 | 0.0 | 94.526 | 2.441 | 0.0 | 52.945 | 2.609 | 0.0 | 49.089 | 2.46 | 0.0 | 95.29 | 2.924 | 0.0 | 95.19 | 2.461 | 0.0 | 52.824 | 2.628 | 0.0 | 93.586 | 2.449 |
| 4 | 593 | 594 | SN | 1 | 0.0 | 46.606 | 3.832 | 0.0 | 54.08 | 3.606 | 0.0 | 52.366 | 3.562 | 0.0 | 46.178 | 3.658 | 0.0 | 95.356 | 3.98 | 0.0 | 95.23 | 3.764 | 0.0 | 52.857 | 3.534 | 0.0 | 46.027 | 3.665 |
| 5 | 594 | 595 | NS | 1 | 0.0 | 87.78 | 7.525 | 0.0 | 97.116 | 7.774 | 0.0 | 56.51 | 6.778 | 0.0 | 53.17 | 7.023 | 0.0 | 95.178 | 7.852 | 0.0 | 95.224 | 7.966 | 0.0 | 91.99 | 6.805 | 0.0 | 52.954 | 6.996 |
| 6 | 594 | 595 | SN | 1 | 0.0 | 48.59 | 1.908 | 0.0 | 99.966 | 1.703 | 0.0 | 45.095 | 1.609 | 0.0 | 49.963 | 1.553 | 0.0 | 95.795 | 1.97 | 0.0 | 94.837 | 1.718 | 0.0 | 92.911 | 1.593 | 0.0 | 49.291 | 1.54 |
| 7 | 594 | 595 | NS | 1 | 0.0 | 87.809 | 2.379 | 0.0 | 98.292 | 2.229 | 0.0 | 49.352 | 2.182 | 0.0 | 56.289 | 2.135 | 0.0 | 95.6 | 2.595 | 0.0 | 95.224 | 2.384 | 0.0 | 95.275 | 2.205 | 0.0 | 56.273 | 2.123 |
| 8 | 594 | 595 | SN | 1 | 0.0 | 53.732 | 5.887 | 0.0 | 53.803 | 5.724 | 0.0 | 59.542 | 4.875 | 0.0 | 59.939 | 5.03 | 0.0 | 95.003 | 6.11 | 0.0 | 93.276 | 5.799 | 0.0 | 59.828 | 4.868 | 0.0 | 59.786 | 5.058 |
| 9 | 595 | 596 | SN | 1 | 0.0 | 55.281 | 5.129 | 0.0 | 55.707 | 5.42 | 0.0 | 46.795 | 4.663 | 0.0 | 54.109 | 5.725 | 0.0 | 95.85 | 5.302 | 0.0 | 95.618 | 5.628 | 0.0 | 91.612 | 4.577 | 0.0 | 53.852 | 5.696 |
| 10 | 595 | 596 | NS | 1 | 0.0 | 50.344 | 1.396 | 0.0 | 50.621 | 1.26 | 0.0 | 53.461 | 1.262 | 0.0 | 44.021 | 1.5 | 0.0 | 91.424 | 1.409 | 0.0 | 94.492 | 1.268 | 0.0 | 53.226 | 1.256 | 0.0 | 44.285 | 1.49 |
| 11 | 595 | 596 | NS | 1 | 0.0 | 49.289 | 4.147 | 0.0 | 43.989 | 4.248 | 0.0 | 52.787 | 3.591 | 0.0 | 45.041 | 4.877 | 0.0 | 49.064 | 4.115 | 0.0 | 93.111 | 4.281 | 0.0 | 52.473 | 3.582 | 0.0 | 45.136 | 4.758 |
| 12 | 595 | 596 | SN | 1 | 0.0 | 98.176 | 1.667 | 0.0 | 52.521 | 1.831 | 0.0 | 43.955 | 1.625 | 0.0 | 50.114 | 2.119 | 0.0 | 95.92 | 1.773 | 0.0 | 95.372 | 1.886 | 0.0 | 91.612 | 1.593 | 0.0 | 50.009 | 2.099 |
| 13 | 596 | 597 | SN | 1 | 0.0 | 52.139 | 5.344 | 0.0 | 58.39 | 5.702 | 0.0 | 50.09 | 5.209 | 0.0 | 43.214 | 6.389 | 0.0 | 94.145 | 5.377 | 0.0 | 58.784 | 5.743 | 0.0 | 50.661 | 5.159 | 0.0 | 43.111 | 6.332 |
| 14 | 596 | 597 | NS | 1 | 0.0 | 55.004 | 1.64 | 0.0 | 56.51 | 1.78 | 0.0 | 41.381 | 1.971 | 0.0 | 46.282 | 2.374 | 0.0 | 55.143 | 1.642 | 0.0 | 56.689 | 1.793 | 0.0 | 94.656 | 1.96 | 0.0 | 46.276 | 2.348 |
| 15 | 596 | 597 | SN | 1 | 0.0 | 57.123 | 1.733 | 0.0 | 54.215 | 1.919 | 0.0 | 49.765 | 1.659 | 0.0 | 53.277 | 2.251 | 0.0 | 94.145 | 1.731 | 0.0 | 54.249 | 1.896 | 0.0 | 49.386 | 1.657 | 0.0 | 53.174 | 2.235 |
| 16 | 596 | 597 | NS | 1 | 0.0 | 57.126 | 5.331 | 0.0 | 60.412 | 5.506 | 0.0 | 49.796 | 5.779 | 0.0 | 48.339 | 6.733 | 0.0 | 94.859 | 5.352 | 0.0 | 93.624 | 5.485 | 0.0 | 49.518 | 5.753 | 0.0 | 48.488 | 6.724 |
| 17 | 597 | 598 | NS | 1 | 0.0 | 97.415 | 1.182 | 0.0 | 95.97 | 1.123 | 0.0 | 48.177 | 1.02 | 0.0 | 54.686 | 1.219 | 0.0 | 93.798 | 1.228 | 0.0 | 93.545 | 1.165 | 0.0 | 95.338 | 1.025 | 0.0 | 94.306 | 1.219 |
| 18 | 597 | 598 | NS | 1 | 0.0 | 97.415 | 4.119 | 0.0 | 51.787 | 4.083 | 0.0 | 46.702 | 3.762 | 0.0 | 61.493 | 4.212 | 0.0 | 93.849 | 4.252 | 0.0 | 95.093 | 4.182 | 0.0 | 95.409 | 3.826 | 0.0 | 61.712 | 4.226 |
| 19 | 597 | 598 | SN | 1 | 0.0 | 52.813 | 1.211 | 0.0 | 51.806 | 1.059 | 0.0 | 51.47 | 1.264 | 0.0 | 54.089 | 1.426 | 0.0 | 95.521 | 1.226 | 0.0 | 52.085 | 1.055 | 0.0 | 51.485 | 1.269 | 0.0 | 54.002 | 1.417 |
| 20 | 597 | 598 | SN | 1 | 0.0 | 48.588 | 3.8 | 0.0 | 45.1 | 3.423 | 0.0 | 47.748 | 3.924 | 0.0 | 45.5 | 4.14 | 0.0 | 95.565 | 3.916 | 0.0 | 44.745 | 3.414 | 0.0 | 47.953 | 3.932 | 0.0 | 45.523 | 4.098 |
| 21 | 598 | 599 | NS | 1 | 0.0 | 55.831 | 1.421 | 0.0 | 63.071 | 1.342 | 0.0 | 54.597 | 1.19 | 0.0 | 48.364 | 1.432 | 0.0 | 94.749 | 1.48 | 0.0 | 95.91 | 1.395 | 0.0 | 91.662 | 1.201 | 0.0 | 48.095 | 1.434 |
| 22 | 598 | 599 | NS | 1 | 0.0 | 52.499 | 5.016 | 0.0 | 49.15 | 4.568 | 0.0 | 65.237 | 4.132 | 0.0 | 49.897 | 4.351 | 0.0 | 94.309 | 5.141 | 0.0 | 95.288 | 4.668 | 0.0 | 64.792 | 4.118 | 0.0 | 50.102 | 4.237 |
| 23 | 599 | 600 | SN | 1 | 0.0 | 58.911 | 9.753 | 0.0 | 68.387 | 9.636 | 0.0 | 50.138 | 8.27 | 0.0 | 50.74 | 8.681 | 0.0 | 94.974 | 9.819 | 0.0 | 94.808 | 9.62 | 0.0 | 50.256 | 8.242 | 0.0 | 50.494 | 8.624 |
| 24 | 599 | 600 | NS | 1 | 0.0 | 46.132 | 2.087 | 0.0 | 47.326 | 1.779 | 0.0 | 52.05 | 1.923 | 0.0 | 49.185 | 1.912 | 0.0 | 95.347 | 2.112 | 0.0 | 95.74 | 1.85 | 0.0 | 92.869 | 1.911 | 0.0 | 48.741 | 1.917 |
| 25 | 599 | 600 | SN | 1 | 0.0 | 61.179 | 3.252 | 0.0 | 50.189 | 2.958 | 0.0 | 54.427 | 2.83 | 0.0 | 45.169 | 2.905 | 0.0 | 94.987 | 3.283 | 0.0 | 95.14 | 3.01 | 0.0 | 94.445 | 2.832 | 0.0 | 45.361 | 2.9 |
| 26 | 599 | 600 | NS | 1 | 0.0 | 55.794 | 6.195 | 0.0 | 55.469 | 6.053 | 0.0 | 56.566 | 5.526 | 0.0 | 64.474 | 5.507 | 0.0 | 95.887 | 6.387 | 0.0 | 95.241 | 6.103 | 0.0 | 93.477 | 5.548 | 0.0 | 64.164 | 5.529 |
| 27 | 600 | 601 | SN | 1 | 0.0 | 98.242 | 2.963 | 0.0 | 98.454 | 2.289 | 0.0 | 54.686 | 2.165 | 0.0 | 50.879 | 2.064 | 0.0 | 95.703 | 3.21 | 0.0 | 95.903 | 2.402 | 0.0 | 95.454 | 2.195 | 0.0 | 95.751 | 2.059 |
| 28 | 600 | 601 | NS | 1 | 0.0 | 48.929 | 4.715 | 0.0 | 50.672 | 4.966 | 0.0 | 48.197 | 4.679 | 0.0 | 48.468 | 5.381 | 0.0 | 94.891 | 4.782 | 0.0 | 95.453 | 5.141 | 0.0 | 47.81 | 4.7 | 0.0 | 94.364 | 5.374 |
| 29 | 600 | 601 | SN | 1 | 0.0 | 96.497 | 9.002 | 0.0 | 57.562 | 8.033 | 0.0 | 53.135 | 7.291 | 0.0 | 48.395 | 7.068 | 0.0 | 95.293 | 9.316 | 0.0 | 95.237 | 8.29 | 0.0 | 94.511 | 7.32 | 0.0 | 95.121 | 7.025 |
| 30 | 600 | 601 | NS | 1 | 0.0 | 55.098 | 1.444 | 0.0 | 46.265 | 1.469 | 0.0 | 47.383 | 1.53 | 0.0 | 51.15 | 1.793 | 0.0 | 95.707 | 1.488 | 0.0 | 95.597 | 1.561 | 0.0 | 94.124 | 1.502 | 0.0 | 93.263 | 1.784 |
| 31 | 601 | 602 | NS | 1 | 0.0 | 53.008 | 1.461 | 0.0 | 52.137 | 1.423 | 0.0 | 49.779 | 1.38 | 0.0 | 49.303 | 1.584 | 0.0 | 95.663 | 1.619 | 0.0 | 95.565 | 1.612 | 0.0 | 94.226 | 1.36 | 0.0 | 49.302 | 1.572 |

| Parameter Specifications | Parameters | SNR | Sigma0 | Normal | Deviations |
|--------------------------|------------|------|--------|----------|-------------|
| | Range | 20.0 | 20.0 | Alarming | High Errors |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-----|-----|----|---|-----|---------|--------|-----|--------|--------|-----|--------|-------|-----|--------|-------|-----|--------|--------|-----|--------|--------|-----|--------|-------|-----|--------|-------|
| 32 | 601 | 602 | NS | 1 | 0.0 | 58.387 | 5.022 | 0.0 | 49.045 | 4.701 | 0.0 | 45.783 | 4.274 | 0.0 | 49.738 | 4.848 | 0.0 | 95.738 | 5.329 | 0.0 | 95.887 | 4.999 | 0.0 | 94.512 | 4.373 | 0.0 | 50.165 | 4.912 |
| 33 | 602 | 603 | NS | 1 | 0.0 | 55.895 | 1.811 | 0.0 | 44.298 | 1.666 | 0.0 | 56.676 | 1.892 | 0.0 | 63.882 | 2.106 | 0.0 | 95.875 | 2.124 | 0.0 | 95.937 | 1.894 | 0.0 | 95.721 | 1.976 | 0.0 | 95.651 | 2.128 |
| 34 | 602 | 603 | NS | 1 | 0.0 | 55.895 | 5.786 | 0.0 | 47.872 | 5.936 | 0.0 | 48.314 | 5.959 | 0.0 | 45.672 | 5.984 | 0.0 | 95.812 | 6.309 | 0.0 | 95.77 | 6.3 | 0.0 | 95.898 | 6.13 | 0.0 | 95.491 | 6.041 |
| 35 | 603 | 604 | NS | 1 | 0.0 | 94.881 | 4.747 | 0.0 | 49.512 | 5.035 | 0.0 | 47.654 | 4.564 | 0.0 | 50.149 | 5.17 | 0.0 | 95.678 | 4.897 | 0.0 | 95.707 | 5.109 | 0.0 | 93.732 | 4.556 | 0.0 | 50.492 | 5.134 |
| 36 | 603 | 604 | NS | 1 | 0.0 | 95.636 | 1.559 | 0.0 | 54.621 | 1.628 | 0.0 | 59.433 | 1.571 | 0.0 | 57.487 | 1.712 | 0.0 | 95.334 | 1.654 | 0.0 | 95.168 | 1.66 | 0.0 | 95.778 | 1.582 | 0.0 | 57.574 | 1.693 |
| 37 | 604 | 605 | NS | 1 | 0.0 | 54.555 | 1.089 | 0.0 | 47.858 | 1.356 | 0.0 | 52.295 | 1.245 | 0.0 | 61.728 | 1.592 | 0.0 | 95.416 | 1.146 | 0.0 | 95.972 | 1.35 | 0.0 | 95.566 | 1.243 | 0.0 | 61.64 | 1.594 |
| 38 | 604 | 605 | NS | 1 | 0.0 | 53.986 | 3.509 | 0.0 | 55.619 | 3.707 | 0.0 | 53.076 | 3.421 | 0.0 | 52.013 | 4.596 | 0.0 | 95.779 | 3.618 | 0.0 | 55.679 | 3.707 | 0.0 | 94.639 | 3.385 | 0.0 | 51.838 | 4.56 |
| 39 | 604 | 605 | SN | 1 | 0.0 | 55.299 | 4.038 | 0.0 | 62.735 | 4.511 | 0.0 | 54.603 | 3.752 | 0.0 | 53.781 | 4.028 | 0.0 | 95.81 | 4.302 | 0.0 | 95.472 | 4.635 | 0.0 | 54.325 | 3.773 | 0.0 | 53.981 | 4.021 |
| 40 | 604 | 605 | SN | 1 | 0.0 | 50.759 | 1.158 | 0.0 | 87.381 | 1.172 | 0.0 | 54.43 | 1.147 | 0.0 | 47.652 | 1.264 | 0.0 | 95.55 | 1.24 | 0.0 | 95.784 | 1.224 | 0.0 | 93.699 | 1.141 | 0.0 | 94.231 | 1.284 |
| 41 | 605 | 606 | NS | 1 | 0.0 | 42.889 | 4.041 | 0.0 | 50.762 | 4.469 | 0.0 | 47.522 | 4.182 | 0.0 | 47.824 | 5.264 | 0.0 | 43.513 | 3.981 | 0.0 | 50.267 | 4.495 | 0.0 | 47.518 | 4.13 | 0.0 | 47.629 | 5.257 |
| 42 | 605 | 606 | SN | 1 | 0.0 | 58.576 | 2.882 | 0.0 | 52.493 | 3.622 | 0.0 | 51.43 | 2.589 | 0.0 | 53.559 | 3.242 | 0.0 | 95.471 | 3.072 | 0.0 | 95.628 | 3.663 | 0.0 | 95.234 | 2.631 | 0.0 | 53.339 | 3.249 |
| 43 | 605 | 606 | SN | 1 | 0.0 | 50.839 | 0.882 | 0.0 | 47.787 | 1.019 | 0.0 | 43.333 | 0.844 | 0.0 | 52.185 | 0.969 | 0.0 | 95.378 | 0.969 | 0.0 | 95.591 | 1.061 | 0.0 | 95.568 | 0.865 | 0.0 | 51.829 | 0.971 |
| 44 | 605 | 606 | NS | 1 | 0.0 | 52.179 | 1.293 | 0.0 | 46.933 | 1.5 | 0.0 | 46.503 | 1.498 | 0.0 | 49.079 | 1.917 | 0.0 | 93.748 | 1.299 | 0.0 | 93.89 | 1.504 | 0.0 | 46.383 | 1.476 | 0.0 | 49.108 | 1.907 |
| 45 | 606 | 607 | SN | 1 | 0.0 | 50.988 | 1.417 | 0.0 | 52.149 | 1.599 | 0.0 | 56.393 | 1.581 | 0.0 | 53.296 | 1.832 | 0.0 | 95.722 | 1.531 | 0.0 | 95.879 | 1.649 | 0.0 | 94.055 | 1.573 | 0.0 | 93.783 | 1.809 |
| 46 | 606 | 607 | NS | 1 | 0.0 | 47.547 | 2.17 | 0.0 | 46.463 | 2.173 | 0.0 | 58.299 | 2.164 | 0.0 | 44.911 | 2.388 | 0.0 | 48.003 | 2.179 | 0.0 | 46.346 | 2.196 | 0.0 | 57.892 | 2.166 | 0.0 | 44.692 | 2.394 |
| 47 | 606 | 607 | NS | 1 | 0.0 | 51.243 | 6.651 | 0.0 | 57.706 | 7.225 | 0.0 | 47.439 | 6.133 | 0.0 | 64.2 | 7.041 | 0.0 | 51.832 | 6.651 | 0.0 | 57.918 | 7.343 | 0.0 | 47.372 | 6.102 | 0.0 | 64.315 | 7.072 |
| 48 | 606 | 607 | SN | 1 | 0.0 | 55.095 | 4.154 | 0.0 | 45.853 | 4.488 | 0.0 | 48.296 | 4.094 | 0.0 | 47.163 | 4.637 | 0.0 | 95.629 | 4.303 | 0.0 | 94.905 | 4.521 | 0.0 | 94.618 | 4.023 | 0.0 | 46.969 | 4.623 |
| 49 | 607 | 608 | NS | 1 | 0.0 | 47.42 | 2.662 | 0.0 | 43.438 | 2.385 | 0.0 | 50.845 | 2.212 | 0.0 | 48.514 | 2.294 | 0.0 | 47.868 | 2.667 | 0.0 | 43.438 | 2.409 | 0.0 | 50.902 | 2.202 | 0.0 | 48.422 | 2.28 |
| 50 | 607 | 608 | SN | 1 | 0.0 | 47.242 | 3.675 | 0.0 | 50.053 | 4.006 | 0.0 | 54.086 | 3.477 | 0.0 | 65.817 | 4.237 | 0.0 | 95.194 | 3.765 | 0.0 | 95.324 | 4.097 | 0.0 | 54.106 | 3.491 | 0.0 | 65.907 | 4.215 |
| 51 | 607 | 608 | NS | 1 | 0.0 | 55.625 | 8.876 | 0.0 | 51.056 | 8.084 | 0.0 | 53.721 | 7.525 | 0.0 | 50.742 | 7.036 | 0.0 | 55.606 | 8.954 | 0.0 | 51.134 | 8.171 | 0.0 | 54.043 | 7.492 | 0.0 | 50.402 | 7.012 |
| 52 | 607 | 608 | SN | 1 | 0.0 | 44.903 | 1.042 | 0.0 | 49.569 | 1.057 | 0.0 | 52.74 | 1.138 | 0.0 | 56.06 | 1.428 | 0.0 | 95.678 | 1.08 | 0.0 | 95.535 | 1.062 | 0.0 | 95.305 | 1.133 | 0.0 | 56.033 | 1.428 |
| 53 | 608 | 609 | SN | 1 | 0.0 | 92.589 | 1.04 | 0.0 | 91.265 | 0.88 | 0.0 | 44.527 | 0.841 | 0.0 | 57.547 | 0.939 | 0.0 | 95.753 | 1.159 | 0.0 | 95.637 | 0.945 | 0.0 | 94.794 | 0.849 | 0.0 | 93.864 | 0.941 |
| 54 | 608 | 609 | SN | 1 | 0.0 | 55.683 | 3.46 | 0.0 | 49.338 | 3.373 | 0.0 | 51.639 | 2.987 | 0.0 | 58.149 | 3.037 | 0.0 | 95.562 | 3.757 | 0.0 | 95.732 | 3.639 | 0.0 | 95.194 | 3.023 | 0.0 | 58.368 | 3.058 |
| 55 | 608 | 609 | NS | 1 | 0.0 | 93.146 | 10.203 | 0.0 | 58.569 | 10.019 | 0.0 | 58.436 | 8.119 | 0.0 | 46.398 | 8.536 | 0.0 | 95.721 | 10.361 | 0.0 | 95.851 | 10.268 | 0.0 | 94.509 | 8.155 | 0.0 | 91.555 | 8.578 |
| 56 | 608 | 609 | NS | 1 | 0.0 | 53.829 | 3.201 | 0.0 | 48.669 | 2.983 | 0.0 | 64.214 | 2.598 | 0.0 | 58.221 | 2.538 | 0.0 | 95.828 | 3.327 | 0.0 | 95.851 | 3.12 | 0.0 | 95.474 | 2.628 | 0.0 | 91.131 | 2.522 |
| 57 | 609 | 610 | NS | 1 | 0.0 | 100.213 | 6.752 | 0.0 | 67.437 | 6.203 | 0.0 | 55.876 | 6.168 | 0.0 | 49.485 | 6.05 | 0.0 | 94.974 | 7.018 | 0.0 | 95.181 | 6.302 | 0.0 | 93.873 | 6.182 | 0.0 | 93.351 | 6.001 |
| 58 | 609 | 610 | SN | 1 | 0.0 | 55.547 | 6.7 | 0.0 | 53.819 | 6.718 | 0.0 | 46.924 | 5.824 | 0.0 | 48.703 | 6.447 | 0.0 | 93.601 | 6.7 | 0.0 | 95.823 | 6.818 | 0.0 | 46.855 | 5.789 | 0.0 | 48.676 | 6.497 |
| 59 | 609 | 610 | NS | 1 | 0.0 | 100.213 | 2.156 | 0.0 | 93.32 | 1.796 | 0.0 | 53.127 | 1.881 | 0.0 | 55.045 | 1.888 | 0.0 | 95.385 | 2.257 | 0.0 | 94.75 | 1.836 | 0.0 | 93.344 | 1.886 | 0.0 | 90.598 | 1.9 |
| 60 | 609 | 610 | SN | 1 | 0.0 | 53.119 | 2.293 | 0.0 | 46.633 | 2.21 | 0.0 | 50.03 | 2.043 | 0.0 | 42.464 | 2.14 | 0.0 | 94.308 | 2.308 | 0.0 | 95.071 | 2.237 | 0.0 | 50.056 | 2.039 | 0.0 | 42.502 | 2.132 |
| 61 | 610 | 611 | SN | 1 | 0.0 | 97.37 | 3.891 | 0.0 | 47.709 | 3.941 | 0.0 | 48.181 | 3.711 | 0.0 | 47.853 | 4.538 | 0.0 | 94.489 | 3.948 | 0.0 | 95.556 | 3.957 | 0.0 | 48.795 | 3.711 | 0.0 | 47.891 | 4.517 |
| 62 | 610 | 611 | SN | 1 | 0.0 | 92.851 | 1.174 | 0.0 | 54.493 | 1.346 | 0.0 | 47.484 | 1.216 | 0.0 | 57.799 | 1.628 | 0.0 | 94.336 | 1.188 | 0.0 | 94.797 | 1.346 | 0.0 | 47.74 | 1.197 | 0.0 | 57.845 | 1.617 |
| 63 | 610 | 611 | NS | 1 | 0.0 | 49.962 | 3.985 | 0.0 | 48.932 | 4.256 | 0.0 | 46.209 | 4.147 | 0.0 | 51.243 | 4.468 | 0.0 | 91.851 | 4.027 | 0.0 | 95.194 | 4.314 | 0.0 | 94.331 | 4.132 | 0.0 | 93.226 | 4.433 |
| 64 | 610 | 611 | NS | 1 | 0.0 | 46.458 | 1.425 | 0.0 | 50.251 | 1.349 | 0.0 | 50.576 | 1.318 | 0.0 | 50.233 | 1.578 | 0.0 | 92.836 | 1.442 | 0.0 | 94.483 | 1.36 | 0.0 | 93.745 | 1.325 | 0.0 | 91.815 | 1.564 |
| 65 | 611 | 612 | NS | 2 | 0.0 | 57.853 | 6.492 | 0.0 | 58.622 | 6.712 | 0.0 | 56.042 | 5.754 | 0.0 | 46.187 | 5.882 | 0.0 | 95.381 | 6.55 | 0.0 | 95.257 | 6.795 | 0.0 | 56.43 | 5.769 | 0.0 | 93.238 | 5.882 |
| 66 | 611 | 612 | NS | 1 | 0.0 | 57.853 | 6.492 | 0.0 | 58.622 | 6.712 | 0.0 | 56.042 | 5.754 | 0.0 | 46.187 | 5.882 | 0.0 | 95.381 | 6.55 | 0.0 | 95.257 | 6.795 | 0.0 | 56.43 | 5.769 | 0.0 | 93.238 | 5.882 |
| 67 | 611 | 612 | NS | 1 | 0.0 | 49.809 | 1.923 | 0.0 | 43.404 | 1.915 | 0.0 | 46.945 | 1.726 | 0.0 | 48.749 | 1.904 | 0.0 | 95.731 | 1.973 | 0.0 | 95.75 | 1.961 | 0.0 | 94.061 | 1.737 | 0.0 | 92.905 | 1.894 |

| | | | | | |
|--------------------------|------------|------|--------|--------|------------|
| Parameter Specifications | Parameters | SNR | Sigma0 | Normal | Deviations |
| | Range | 20.0 | 20.0 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|----|---|-----|---------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 68 | 611 | 612 | SN | 1 | 0.0 | 51.571 | 1.228 | 0.0 | 45.493 | 1.217 | 0.0 | 52.545 | 1.374 | 0.0 | 47.391 | 1.591 | 0.0 | 91.624 | 1.23 | 0.0 | 45.183 | 1.206 | 0.0 | 52.492 | 1.37 | 0.0 | 47.262 | 1.598 |
| 69 | 611 | 612 | SN | 1 | 0.0 | 61.639 | 4.272 | 0.0 | 47.403 | 3.882 | 0.0 | 48.14 | 3.909 | 0.0 | 50.771 | 4.796 | 0.0 | 61.768 | 4.289 | 0.0 | 47.252 | 3.89 | 0.0 | 47.976 | 3.867 | 0.0 | 50.677 | 4.803 |
| 70 | 612 | 613 | SN | 1 | 0.0 | 49.294 | 1.898 | 0.0 | 54.323 | 1.759 | 0.0 | 53.143 | 1.818 | 0.0 | 45.332 | 2.148 | 0.0 | 95.553 | 1.933 | 0.0 | 95.427 | 1.763 | 0.0 | 53.045 | 1.8 | 0.0 | 45.258 | 2.142 |
| 71 | 612 | 613 | NS | 1 | 0.0 | 55.54 | 0.68 | 0.0 | 45.33 | 0.54 | 0.0 | 47.42 | 0.585 | 0.0 | 40.946 | 0.762 | 0.0 | 94.528 | 0.73 | 0.0 | 92.441 | 0.558 | 0.0 | 94.439 | 0.582 | 0.0 | 40.625 | 0.749 |
| 72 | 612 | 613 | NS | 1 | 0.0 | 51.945 | 2.732 | 0.0 | 48.273 | 2.33 | 0.0 | 52.446 | 2.127 | 0.0 | 47.467 | 2.739 | 0.0 | 90.492 | 2.765 | 0.0 | 49.273 | 2.405 | 0.0 | 94.439 | 2.17 | 0.0 | 47.638 | 2.718 |
| 73 | 612 | 613 | SN | 1 | 0.0 | 46.535 | 5.197 | 0.0 | 54.264 | 5.234 | 0.0 | 43.601 | 5.364 | 0.0 | 48.112 | 5.832 | 0.0 | 95.967 | 5.313 | 0.0 | 95.331 | 5.234 | 0.0 | 43.688 | 5.35 | 0.0 | 48.215 | 5.782 |
| 74 | 613 | 614 | NS | 1 | 0.0 | 95.612 | 4.821 | 0.0 | 54.983 | 4.452 | 0.0 | 57.901 | 4.004 | 0.0 | 61.124 | 4.6 | 0.0 | 95.834 | 5.029 | 0.0 | 94.556 | 4.535 | 0.0 | 58.071 | 3.961 | 0.0 | 61.389 | 4.572 |
| 75 | 613 | 614 | NS | 1 | 0.0 | 92.727 | 1.439 | 0.0 | 56.493 | 1.316 | 0.0 | 52.364 | 1.314 | 0.0 | 55.52 | 1.469 | 0.0 | 95.337 | 1.498 | 0.0 | 95.709 | 1.367 | 0.0 | 52.363 | 1.298 | 0.0 | 94.662 | 1.444 |
| 76 | 613 | 614 | SN | 1 | 0.0 | 50.222 | 1.97 | 0.0 | 52.98 | 1.845 | 0.0 | 45.544 | 2.0 | 0.0 | 46.794 | 2.26 | 0.0 | 94.952 | 1.995 | 0.0 | 52.492 | 1.834 | 0.0 | 45.689 | 2.0 | 0.0 | 46.668 | 2.256 |
| 77 | 613 | 614 | SN | 1 | 0.0 | 49.092 | 6.129 | 0.0 | 44.994 | 5.608 | 0.0 | 55.305 | 5.788 | 0.0 | 51.495 | 6.233 | 0.0 | 95.091 | 6.187 | 0.0 | 44.969 | 5.583 | 0.0 | 55.801 | 5.795 | 0.0 | 51.156 | 6.211 |
| 78 | 614 | 615 | SN | 1 | 0.0 | 53.444 | 7.946 | 0.0 | 56.408 | 7.958 | 0.0 | 52.383 | 7.086 | 0.0 | 60.353 | 7.575 | 0.0 | 95.466 | 8.161 | 0.0 | 94.839 | 8.108 | 0.0 | 92.226 | 7.093 | 0.0 | 95.331 | 7.625 |
| 79 | 614 | 615 | NS | 1 | 0.0 | 45.845 | 4.249 | 0.0 | 49.518 | 4.65 | 0.0 | 53.706 | 3.954 | 0.0 | 48.495 | 4.671 | 0.0 | 95.51 | 4.341 | 0.0 | 95.472 | 4.824 | 0.0 | 53.702 | 3.968 | 0.0 | 48.416 | 4.693 |
| 80 | 614 | 615 | NS | 1 | 0.0 | 46.039 | 1.282 | 0.0 | 45.363 | 1.371 | 0.0 | 57.575 | 1.394 | 0.0 | 50.588 | 1.712 | 0.0 | 95.068 | 1.297 | 0.0 | 95.797 | 1.411 | 0.0 | 57.872 | 1.378 | 0.0 | 50.706 | 1.694 |
| 81 | 614 | 615 | SN | 1 | 0.0 | 57.083 | 2.577 | 0.0 | 97.984 | 2.364 | 0.0 | 50.92 | 2.196 | 0.0 | 61.15 | 2.334 | 0.0 | 95.719 | 2.677 | 0.0 | 95.305 | 2.438 | 0.0 | 95.415 | 2.198 | 0.0 | 95.413 | 2.342 |
| 82 | 615 | 616 | NS | 1 | 0.0 | 48.076 | 1.112 | 0.0 | 49.269 | 1.147 | 0.0 | 52.044 | 1.114 | 0.0 | 64.3 | 1.296 | 0.0 | 95.845 | 1.232 | 0.0 | 95.862 | 1.344 | 0.0 | 95.278 | 1.108 | 0.0 | 94.643 | 1.29 |
| 83 | 615 | 616 | NS | 1 | 0.0 | 48.116 | 3.618 | 0.0 | 51.105 | 3.978 | 0.0 | 55.782 | 3.421 | 0.0 | 56.1 | 4.16 | 0.0 | 95.806 | 3.867 | 0.0 | 95.563 | 4.144 | 0.0 | 55.597 | 3.399 | 0.0 | 95.5 | 4.189 |
| 84 | 615 | 616 | SN | 1 | 0.0 | 94.551 | 2.773 | 0.0 | 92.888 | 2.241 | 0.0 | 55.561 | 2.292 | 0.0 | 45.644 | 2.222 | 0.0 | 95.845 | 2.966 | 0.0 | 95.775 | 2.364 | 0.0 | 95.275 | 2.34 | 0.0 | 95.212 | 2.224 |
| 85 | 615 | 616 | SN | 1 | 0.0 | 60.995 | 8.019 | 0.0 | 72.118 | 7.476 | 0.0 | 54.693 | 7.313 | 0.0 | 56.36 | 6.547 | 0.0 | 95.841 | 8.276 | 0.0 | 95.252 | 7.717 | 0.0 | 95.447 | 7.462 | 0.0 | 94.703 | 6.654 |
| 86 | 616 | 617 | SN | 1 | 0.0 | 51.346 | 8.101 | 0.0 | 52.615 | 8.158 | 0.0 | 52.909 | 7.646 | 0.0 | 51.37 | 7.714 | 0.0 | 95.515 | 8.192 | 0.0 | 94.827 | 8.25 | 0.0 | 94.036 | 7.681 | 0.0 | 94.525 | 7.693 |
| 87 | 616 | 617 | NS | 1 | 0.0 | 54.403 | 6.881 | 0.0 | 58.34 | 6.705 | 0.0 | 49.552 | 6.756 | 0.0 | 54.824 | 6.438 | 0.0 | 95.696 | 7.163 | 0.0 | 95.738 | 6.846 | 0.0 | 95.832 | 6.763 | 0.0 | 54.83 | 6.466 |
| 88 | 616 | 617 | NS | 1 | 0.0 | 47.815 | 2.227 | 0.0 | 47.349 | 1.847 | 0.0 | 53.464 | 2.098 | 0.0 | 45.879 | 2.082 | 0.0 | 95.668 | 2.434 | 0.0 | 95.922 | 1.948 | 0.0 | 94.872 | 2.089 | 0.0 | 94.652 | 2.073 |
| 89 | 616 | 617 | SN | 1 | 0.0 | 51.235 | 2.677 | 0.0 | 49.188 | 2.513 | 0.0 | 50.168 | 2.578 | 0.0 | 55.468 | 2.525 | 0.0 | 95.457 | 2.737 | 0.0 | 95.3 | 2.562 | 0.0 | 94.724 | 2.58 | 0.0 | 95.449 | 2.511 |
| 90 | 617 | 618 | NS | 1 | 0.0 | 50.48 | 2.272 | 0.0 | 47.035 | 1.977 | 0.0 | 49.578 | 2.023 | 0.0 | 55.406 | 2.157 | 0.0 | 95.352 | 2.285 | 0.0 | 95.662 | 2.044 | 0.0 | 93.491 | 2.029 | 0.0 | 94.287 | 2.16 |
| 91 | 617 | 618 | SN | 1 | 0.0 | 100.097 | 4.526 | 0.0 | 51.704 | 4.354 | 0.0 | 49.682 | 3.929 | 0.0 | 50.021 | 4.321 | 0.0 | 95.712 | 4.675 | 0.0 | 93.377 | 4.453 | 0.0 | 95.469 | 3.979 | 0.0 | 49.832 | 4.314 |
| 92 | 617 | 618 | NS | 1 | 0.0 | 55.782 | 6.68 | 0.0 | 52.909 | 6.741 | 0.0 | 50.78 | 5.858 | 0.0 | 55.231 | 6.434 | 0.0 | 95.347 | 6.797 | 0.0 | 95.166 | 6.807 | 0.0 | 93.213 | 5.851 | 0.0 | 55.226 | 6.391 |
| 93 | 617 | 618 | SN | 1 | 0.0 | 98.55 | 1.556 | 0.0 | 79.505 | 1.375 | 0.0 | 49.096 | 1.428 | 0.0 | 48.969 | 1.414 | 0.0 | 95.4 | 1.614 | 0.0 | 95.787 | 1.408 | 0.0 | 94.747 | 1.423 | 0.0 | 94.098 | 1.4 |
| 94 | 618 | 619 | NS | 1 | 0.0 | 59.405 | 3.859 | 0.0 | 89.901 | 4.444 | 0.0 | 50.049 | 3.754 | 0.0 | 51.011 | 4.999 | 0.0 | 95.331 | 3.983 | 0.0 | 95.441 | 4.51 | 0.0 | 94.555 | 3.796 | 0.0 | 51.246 | 5.035 |
| 95 | 618 | 619 | NS | 1 | 0.0 | 96.804 | 1.238 | 0.0 | 96.126 | 1.491 | 0.0 | 48.505 | 1.259 | 0.0 | 51.849 | 1.786 | 0.0 | 95.693 | 1.299 | 0.0 | 95.15 | 1.514 | 0.0 | 95.028 | 1.245 | 0.0 | 52.069 | 1.779 |
| 96 | 618 | 619 | SN | 1 | 0.0 | 56.161 | 4.741 | 0.0 | 60.542 | 5.217 | 0.0 | 45.725 | 3.759 | 0.0 | 53.865 | 4.214 | 0.0 | 95.519 | 4.865 | 0.0 | 95.434 | 5.284 | 0.0 | 94.944 | 3.809 | 0.0 | 53.842 | 4.207 |
| 97 | 618 | 619 | SN | 1 | 0.0 | 56.161 | 1.252 | 0.0 | 43.698 | 1.368 | 0.0 | 45.499 | 1.207 | 0.0 | 59.4 | 1.407 | 0.0 | 95.669 | 1.285 | 0.0 | 95.084 | 1.396 | 0.0 | 94.639 | 1.203 | 0.0 | 59.757 | 1.403 |
| 98 | 619 | 620 | SN | 1 | 0.0 | 97.92 | 0.576 | 0.0 | 48.034 | 0.625 | 0.0 | 42.27 | 0.641 | 0.0 | 40.547 | 0.809 | 0.0 | 95.321 | 0.641 | 0.0 | 95.785 | 0.675 | 0.0 | 94.255 | 0.653 | 0.0 | 90.512 | 0.813 |
| 99 | 619 | 620 | NS | 1 | 0.0 | 47.706 | 1.535 | 0.0 | 50.571 | 1.804 | 0.0 | 48.115 | 1.581 | 0.0 | 51.325 | 1.994 | 0.0 | 95.84 | 1.562 | 0.0 | 94.7 | 1.799 | 0.0 | 48.125 | 1.553 | 0.0 | 51.056 | 1.968 |
| 100 | 619 | 620 | SN | 1 | 0.0 | 93.572 | 2.47 | 0.0 | 48.461 | 2.676 | 0.0 | 49.317 | 2.243 | 0.0 | 51.469 | 2.83 | 0.0 | 95.441 | 2.676 | 0.0 | 95.571 | 2.809 | 0.0 | 95.053 | 2.271 | 0.0 | 51.737 | 2.83 |
| 101 | 619 | 620 | NS | 1 | 0.0 | 47.018 | 4.843 | 0.0 | 60.503 | 5.621 | 0.0 | 60.874 | 4.674 | 0.0 | 59.052 | 5.759 | 0.0 | 94.977 | 4.91 | 0.0 | 93.986 | 5.646 | 0.0 | 61.083 | 4.631 | 0.0 | 58.99 | 5.631 |
| 102 | 620 | 621 | NS | 1 | 0.0 | 53.243 | 6.567 | 0.0 | 48.096 | 6.82 | 0.0 | 53.662 | 6.316 | 0.0 | 58.13 | 6.614 | 0.0 | 95.302 | 6.683 | 0.0 | 91.688 | 6.795 | 0.0 | 53.52 | 6.245 | 0.0 | 58.083 | 6.585 |
| 103 | 620 | 621 | SN | 1 | 0.0 | 48.158 | 1.13 | 0.0 | 45.335 | 1.168 | 0.0 | 43.239 | 1.115 | 0.0 | 45.881 | 1.261 | 0.0 | 95.653 | 1.34 | 0.0 | 95.8 | 1.283 | 0.0 | 94.512 | 1.113 | 0.0 | 93.82 | 1.258 |

| | | | | | |
|--------------------------|------------|------|--------|--------|------------|
| Parameter Specifications | Parameters | SNR | Sigma0 | Normal | Deviations |
| | Range | 20.0 | 20.0 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|----|---|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 104 | 620 | 621 | NS | 1 | 0.0 | 46.678 | 2.061 | 0.0 | 49.196 | 1.99 | 0.0 | 53.444 | 2.203 | 0.0 | 51.136 | 2.343 | 0.0 | 95.302 | 2.088 | 0.0 | 94.562 | 2.003 | 0.0 | 53.343 | 2.164 | 0.0 | 93.915 | 2.332 |
| 105 | 620 | 621 | SN | 1 | 0.0 | 58.54 | 3.337 | 0.0 | 52.856 | 3.607 | 0.0 | 57.055 | 3.342 | 0.0 | 50.378 | 3.737 | 0.0 | 95.682 | 3.758 | 0.0 | 95.822 | 3.848 | 0.0 | 94.375 | 3.364 | 0.0 | 50.819 | 3.73 |
| 106 | 621 | 622 | SN | 1 | 0.0 | 57.613 | 1.151 | 0.0 | 51.809 | 1.17 | 0.0 | 48.364 | 1.269 | 0.0 | 45.672 | 1.466 | 0.0 | 95.634 | 1.303 | 0.0 | 95.571 | 1.268 | 0.0 | 93.191 | 1.271 | 0.0 | 95.18 | 1.464 |
| 107 | 621 | 622 | NS | 1 | 0.0 | 48.717 | 5.022 | 0.0 | 59.685 | 5.108 | 0.0 | 60.271 | 4.808 | 0.0 | 48.415 | 5.455 | 0.0 | 95.332 | 5.246 | 0.0 | 94.642 | 5.199 | 0.0 | 94.825 | 4.908 | 0.0 | 48.454 | 5.483 |
| 108 | 621 | 622 | SN | 1 | 0.0 | 57.289 | 3.742 | 0.0 | 50.742 | 4.081 | 0.0 | 47.85 | 3.675 | 0.0 | 47.479 | 4.244 | 0.0 | 95.893 | 3.924 | 0.0 | 95.634 | 4.255 | 0.0 | 47.616 | 3.718 | 0.0 | 47.499 | 4.273 |
| 109 | 621 | 622 | NS | 1 | 0.0 | 48.412 | 1.591 | 0.0 | 53.438 | 1.605 | 0.0 | 64.499 | 1.655 | 0.0 | 46.266 | 1.911 | 0.0 | 95.82 | 1.673 | 0.0 | 95.681 | 1.635 | 0.0 | 95.832 | 1.673 | 0.0 | 94.705 | 1.899 |

| | | | | | |
|--------------------------|------------|------|--------|--------|------------|
| Parameter Specifications | Parameters | SNR | Sigma0 | Normal | Deviations |
| | Range | 20.0 | 20.0 | | |

| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Azimuth Angle | | | | | | | | | | | | Incidence Angle | | | | | | | | | | | |
|-------|-------------|-----------|------|------|---------------|---------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|-----------------|-------|------------|------------|-------|------------|-----------|-------|------------|------------|-------|------------|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| | | | | | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 593 | 594 | SN | 1 | 0.0 | 41.5 | 12.591 | 0.0 | 41.112 | 13.003 | 0.0 | 24.442 | 4.106 | 0.0 | 21.79 | 4.087 | 0.0 | 1.852 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.199 | 0.0 | 0.0 | 2.184 | 0.0 |
| 2 | 593 | 594 | NS | 1 | 0.0 | 43.684 | 24.582 | 0.0 | 46.547 | 25.44 | 0.0 | 26.549 | 14.701 | 0.0 | 29.632 | 15.269 | 0.0 | 1.858 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.203 | 0.0 | 0.0 | 2.219 | 0.0 |
| 3 | 593 | 594 | NS | 1 | 0.0 | 35.881 | 12.373 | 0.0 | 38.495 | 13.383 | 0.0 | 22.634 | 5.273 | 0.0 | 24.492 | 5.976 | 0.0 | 1.858 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.203 | 0.0 | 0.0 | 2.218 | 0.0 |
| 4 | 593 | 594 | SN | 1 | 0.0 | 43.342 | 24.443 | 0.0 | 44.622 | 24.551 | 0.0 | 26.93 | 12.823 | 0.0 | 25.523 | 13.225 | 0.0 | 1.852 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.198 | 0.0 | 0.0 | 2.185 | 0.0 |
| 5 | 594 | 595 | NS | 1 | 0.0 | 41.975 | 24.752 | 0.0 | 44.434 | 25.666 | 0.0 | 27.603 | 15.086 | 0.0 | 29.582 | 15.49 | 0.0 | 1.859 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.203 | 0.0 | 0.0 | 2.218 | 0.0 |
| 6 | 594 | 595 | SN | 1 | 0.0 | 41.495 | 12.569 | 0.0 | 41.117 | 13.047 | 0.0 | 24.437 | 4.136 | 0.0 | 21.812 | 4.123 | 0.0 | 1.852 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.199 | 0.0 | 0.0 | 2.184 | 0.0 |
| 7 | 594 | 595 | NS | 1 | 0.0 | 34.932 | 12.38 | 0.0 | 37.585 | 13.432 | 0.0 | 22.319 | 5.499 | 0.0 | 23.637 | 6.06 | 0.0 | 1.858 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.217 | 0.0 |
| 8 | 594 | 595 | SN | 1 | 0.0 | 43.353 | 24.441 | 0.0 | 45.135 | 24.535 | 0.0 | 26.941 | 12.872 | 0.0 | 25.54 | 13.267 | 0.0 | 1.852 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.199 | 0.0 | 0.0 | 2.185 | 0.0 |
| 9 | 595 | 596 | SN | 1 | 0.0 | 43.811 | 24.48 | 0.0 | 44.655 | 24.541 | 0.0 | 27.774 | 12.866 | 0.0 | 26.014 | 13.258 | 0.0 | 1.853 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.199 | 0.0 | 0.0 | 2.185 | 0.0 |
| 10 | 595 | 596 | NS | 1 | 0.0 | 36.973 | 12.408 | 0.0 | 38.362 | 13.479 | 0.0 | 22.402 | 5.559 | 0.0 | 24.856 | 6.217 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.217 | 0.0 |
| 11 | 595 | 596 | NS | 1 | 0.0 | 44.23 | 24.817 | 0.0 | 45.46 | 25.782 | 0.0 | 27.542 | 15.149 | 0.0 | 30.465 | 15.9 | 0.0 | 1.859 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.217 | 0.0 |
| 12 | 595 | 596 | SN | 1 | 0.0 | 41.291 | 12.591 | 0.0 | 41.823 | 13.021 | 0.0 | 23.599 | 4.157 | 0.0 | 21.823 | 4.147 | 0.0 | 1.853 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.199 | 0.0 | 0.0 | 2.183 | 0.0 |
| 13 | 596 | 597 | SN | 1 | 0.0 | 43.817 | 24.496 | 0.0 | 45.157 | 24.578 | 0.0 | 27.801 | 12.873 | 0.0 | 26.031 | 13.329 | 0.0 | 1.853 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.185 | 0.0 |
| 14 | 596 | 597 | NS | 1 | 0.0 | 35.963 | 12.359 | 0.0 | 38.473 | 13.317 | 0.0 | 22.76 | 5.396 | 0.0 | 23.676 | 5.86 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.217 | 0.0 |
| 15 | 596 | 597 | SN | 1 | 0.0 | 41.285 | 12.606 | 0.0 | 41.818 | 13.01 | 0.0 | 23.599 | 4.169 | 0.0 | 21.817 | 4.186 | 0.0 | 1.853 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.183 | 0.0 |
| 16 | 596 | 597 | NS | 1 | 0.0 | 44.192 | 24.684 | 0.0 | 44.865 | 25.312 | 0.0 | 27.134 | 14.84 | 0.0 | 28.546 | 15.258 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.217 | 0.0 |
| 17 | 597 | 598 | NS | 1 | 0.0 | 41.343 | 12.327 | 0.0 | 41.682 | 12.948 | 0.0 | 22.749 | 5.091 | 0.0 | 24.757 | 5.114 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.216 | 0.0 |
| 18 | 597 | 598 | NS | 1 | 0.0 | 44.164 | 24.431 | 0.0 | 46.089 | 24.363 | 0.0 | 27.123 | 14.282 | 0.0 | 29.599 | 13.716 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.217 | 0.0 |
| 19 | 597 | 598 | SN | 1 | 0.0 | 40.717 | 12.612 | 0.0 | 41.801 | 13.003 | 0.0 | 24.073 | 4.189 | 0.0 | 22.413 | 4.212 | 0.0 | 1.853 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.184 | 0.0 |
| 20 | 597 | 598 | SN | 1 | 0.0 | 43.828 | 24.469 | 0.0 | 45.184 | 24.599 | 0.0 | 27.79 | 13.001 | 0.0 | 26.042 | 13.335 | 0.0 | 1.853 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.185 | 0.0 |
| 21 | 598 | 599 | NS | 1 | 0.0 | 41.354 | 12.362 | 0.0 | 41.688 | 12.93 | 0.0 | 22.27 | 5.072 | 0.0 | 24.762 | 5.105 | 0.0 | 1.857 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.216 | 0.0 |
| 22 | 598 | 599 | NS | 1 | 0.0 | 44.164 | 24.45 | 0.0 | 46.072 | 24.366 | 0.0 | 27.095 | 14.31 | 0.0 | 29.588 | 13.713 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.217 | 0.0 |
| 23 | 599 | 600 | SN | 1 | 0.0 | 43.85 | 24.403 | 0.0 | 45.725 | 24.614 | 0.0 | 27.327 | 12.98 | 0.0 | 26.417 | 13.35 | 0.0 | 1.853 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.185 | 0.0 |
| 24 | 599 | 600 | NS | 1 | 0.0 | 41.371 | 12.341 | 0.0 | 41.704 | 12.947 | 0.0 | 22.27 | 5.082 | 0.0 | 24.751 | 5.108 | 0.0 | 1.857 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.216 | 0.0 |
| 25 | 599 | 600 | SN | 1 | 0.0 | 41.92 | 12.606 | 0.0 | 41.603 | 12.984 | 0.0 | 23.61 | 4.207 | 0.0 | 21.707 | 4.196 | 0.0 | 1.853 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.184 | 0.0 |
| 26 | 599 | 600 | NS | 1 | 0.0 | 139.758 | 24.475 | 0.0 | 46.05 | 24.328 | 0.0 | 27.084 | 14.331 | 0.0 | 29.566 | 13.705 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.217 | 0.0 |
| 27 | 600 | 601 | SN | 1 | 0.0 | 41.903 | 12.591 | 0.0 | 41.586 | 12.987 | 0.0 | 24.702 | 4.156 | 0.0 | 21.889 | 4.191 | 0.0 | 1.853 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.199 | 0.0 | 0.0 | 2.184 | 0.0 |
| 28 | 600 | 601 | NS | 1 | 0.0 | 43.061 | 24.44 | 0.0 | 45.377 | 24.442 | 0.0 | 27.057 | 14.371 | 0.0 | 30.062 | 13.666 | 0.0 | 1.859 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.217 | 0.0 |
| 29 | 600 | 601 | SN | 1 | 0.0 | 43.877 | 24.422 | 0.0 | 45.747 | 24.597 | 0.0 | 27.343 | 12.958 | 0.0 | 26.114 | 13.358 | 0.0 | 1.853 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.185 | 0.0 |
| 30 | 600 | 601 | NS | 1 | 0.0 | 41.569 | 12.332 | 0.0 | 40.982 | 12.948 | 0.0 | 22.512 | 5.086 | 0.0 | 24.018 | 5.131 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.217 | 0.0 |
| 31 | 601 | 602 | NS | 1 | 0.0 | 41.575 | 12.346 | 0.0 | 40.993 | 12.955 | 0.0 | 22.231 | 5.083 | 0.0 | 24.012 | 5.121 | 0.0 | 1.857 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.217 | 0.0 |

| | | | | | |
|--------------------------|------------|-----------|------------|----------|-------------|
| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal | Deviations |
| | Range | 10.0 | 3.0 | Alarming | High Errors |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-----|-----|----|---|-----|--------|--------|-----|--------|--------|-----|--------|--------|-----|--------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 32 | 601 | 602 | NS | 1 | 0.0 | 43.034 | 24.411 | 0.0 | 45.372 | 24.382 | 0.0 | 27.051 | 14.307 | 0.0 | 30.796 | 13.664 | 0.0 | 1.859 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.217 | 0.0 |
| 33 | 602 | 603 | NS | 1 | 0.0 | 41.58 | 12.361 | 0.0 | 41.004 | 12.945 | 0.0 | 22.236 | 5.099 | 0.0 | 24.007 | 5.101 | 0.0 | 1.857 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.217 | 0.0 |
| 34 | 602 | 603 | NS | 1 | 0.0 | 43.045 | 24.456 | 0.0 | 45.361 | 24.405 | 0.0 | 27.04 | 14.358 | 0.0 | 30.801 | 13.629 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.217 | 0.0 |
| 35 | 603 | 604 | NS | 1 | 0.0 | 44.28 | 24.475 | 0.0 | 46.596 | 24.32 | 0.0 | 26.566 | 14.352 | 0.0 | 29.66 | 13.642 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.217 | 0.0 |
| 36 | 603 | 604 | NS | 1 | 0.0 | 41.603 | 12.36 | 0.0 | 41.214 | 12.952 | 0.0 | 22.286 | 5.091 | 0.0 | 23.847 | 5.106 | 0.0 | 1.857 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.216 | 0.0 |
| 37 | 604 | 605 | NS | 1 | 0.0 | 38.58 | 12.326 | 0.0 | 38.511 | 12.974 | 0.0 | 23.185 | 5.006 | 0.0 | 24.509 | 5.091 | 0.0 | 1.857 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.216 | 0.0 |
| 38 | 604 | 605 | NS | 1 | 0.0 | 44.291 | 24.344 | 0.0 | 46.58 | 24.307 | 0.0 | 26.549 | 14.032 | 0.0 | 29.649 | 13.637 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.217 | 0.0 |
| 39 | 604 | 605 | SN | 1 | 0.0 | 44.291 | 24.492 | 0.0 | 45.813 | 24.63 | 0.0 | 28.165 | 12.879 | 0.0 | 25.496 | 13.32 | 0.0 | 1.853 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.185 | 0.0 |
| 40 | 604 | 605 | SN | 1 | 0.0 | 41.71 | 12.608 | 0.0 | 41.365 | 12.964 | 0.0 | 23.726 | 4.186 | 0.0 | 21.939 | 4.213 | 0.0 | 1.853 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.185 | 0.0 |
| 41 | 605 | 606 | NS | 1 | 0.0 | 43.673 | 24.3 | 0.0 | 46.558 | 24.448 | 0.0 | 26.538 | 13.836 | 0.0 | 29.632 | 13.793 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.217 | 0.0 |
| 42 | 605 | 606 | SN | 1 | 0.0 | 44.319 | 24.511 | 0.0 | 44.6 | 24.564 | 0.0 | 27.255 | 12.922 | 0.0 | 25.518 | 13.361 | 0.0 | 1.853 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.186 | 0.0 |
| 43 | 605 | 606 | SN | 1 | 0.0 | 41.693 | 12.58 | 0.0 | 41.338 | 12.988 | 0.0 | 23.737 | 4.211 | 0.0 | 21.95 | 4.222 | 0.0 | 1.853 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.185 | 0.0 |
| 44 | 605 | 606 | NS | 1 | 0.0 | 35.881 | 12.284 | 0.0 | 38.5 | 13.011 | 0.0 | 23.18 | 4.866 | 0.0 | 24.498 | 5.119 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.217 | 0.0 |
| 45 | 606 | 607 | SN | 1 | 0.0 | 41.489 | 12.586 | 0.0 | 41.134 | 12.988 | 0.0 | 24.553 | 4.197 | 0.0 | 22.17 | 4.219 | 0.0 | 1.853 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.185 | 0.0 |
| 46 | 606 | 607 | NS | 1 | 0.0 | 35.87 | 12.268 | 0.0 | 38.368 | 13.111 | 0.0 | 22.016 | 4.899 | 0.0 | 24.492 | 5.322 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.217 | 0.0 |
| 47 | 606 | 607 | NS | 1 | 0.0 | 43.662 | 24.305 | 0.0 | 46.536 | 24.639 | 0.0 | 26.533 | 13.918 | 0.0 | 29.627 | 14.097 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.218 | 0.0 |
| 48 | 606 | 607 | SN | 1 | 0.0 | 43.784 | 24.389 | 0.0 | 45.107 | 24.593 | 0.0 | 27.768 | 12.914 | 0.0 | 25.981 | 13.34 | 0.0 | 1.853 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.186 | 0.0 |
| 49 | 607 | 608 | NS | 1 | 0.0 | 35.969 | 12.263 | 0.0 | 38.357 | 13.251 | 0.0 | 22.975 | 5.039 | 0.0 | 24.354 | 5.609 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.217 | 0.0 |
| 50 | 607 | 608 | SN | 1 | 0.0 | 43.37 | 24.377 | 0.0 | 45.135 | 24.551 | 0.0 | 27.785 | 12.894 | 0.0 | 25.843 | 13.368 | 0.0 | 1.853 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.185 | 0.0 |
| 51 | 607 | 608 | NS | 1 | 0.0 | 44.208 | 24.422 | 0.0 | 45.455 | 25.143 | 0.0 | 27.586 | 14.243 | 0.0 | 29.616 | 14.6 | 0.0 | 1.859 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.218 | 0.0 |
| 52 | 607 | 608 | SN | 1 | 0.0 | 41.484 | 12.606 | 0.0 | 41.101 | 12.996 | 0.0 | 24.58 | 4.159 | 0.0 | 22.187 | 4.176 | 0.0 | 1.853 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.185 | 0.0 |
| 53 | 608 | 609 | SN | 1 | 0.0 | 41.462 | 12.599 | 0.0 | 41.095 | 12.987 | 0.0 | 23.941 | 4.155 | 0.0 | 22.209 | 4.189 | 0.0 | 1.853 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.184 | 0.0 |
| 54 | 608 | 609 | SN | 1 | 0.0 | 43.381 | 24.393 | 0.0 | 45.157 | 24.603 | 0.0 | 26.979 | 12.927 | 0.0 | 25.86 | 13.318 | 0.0 | 1.853 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.185 | 0.0 |
| 55 | 608 | 609 | NS | 1 | 0.0 | 44.203 | 24.5 | 0.0 | 45.438 | 24.401 | 0.0 | 27.558 | 14.298 | 0.0 | 30.448 | 13.67 | 0.0 | 1.859 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.217 | 0.0 |
| 56 | 608 | 609 | NS | 1 | 0.0 | 41.983 | 12.336 | 0.0 | 41.489 | 12.942 | 0.0 | 22.942 | 5.102 | 0.0 | 24.851 | 5.13 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.217 | 0.0 |
| 57 | 609 | 610 | NS | 1 | 0.0 | 44.175 | 24.468 | 0.0 | 45.427 | 24.38 | 0.0 | 27.542 | 14.306 | 0.0 | 30.448 | 13.606 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.217 | 0.0 |
| 58 | 609 | 610 | SN | 1 | 0.0 | 43.822 | 24.527 | 0.0 | 44.688 | 24.628 | 0.0 | 27.189 | 12.997 | 0.0 | 26.042 | 13.272 | 0.0 | 1.854 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.185 | 0.0 |
| 59 | 609 | 610 | NS | 1 | 0.0 | 41.139 | 12.35 | 0.0 | 41.517 | 12.946 | 0.0 | 22.292 | 5.09 | 0.0 | 24.845 | 5.1 | 0.0 | 1.857 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.216 | 0.0 |
| 60 | 609 | 610 | SN | 1 | 0.0 | 41.285 | 12.581 | 0.0 | 41.823 | 13.001 | 0.0 | 24.68 | 4.229 | 0.0 | 22.413 | 4.217 | 0.0 | 1.854 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.184 | 0.0 |
| 61 | 610 | 611 | SN | 1 | 0.0 | 43.85 | 24.55 | 0.0 | 44.71 | 24.609 | 0.0 | 27.211 | 13.005 | 0.0 | 26.064 | 13.329 | 0.0 | 1.854 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.185 | 0.0 |
| 62 | 610 | 611 | SN | 1 | 0.0 | 41.274 | 12.614 | 0.0 | 41.818 | 12.987 | 0.0 | 24.707 | 4.257 | 0.0 | 22.424 | 4.251 | 0.0 | 1.854 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.185 | 0.0 |
| 63 | 610 | 611 | NS | 1 | 0.0 | 43.127 | 24.458 | 0.0 | 46.072 | 24.326 | 0.0 | 27.123 | 14.275 | 0.0 | 29.588 | 13.639 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.217 | 0.0 |
| 64 | 610 | 611 | NS | 1 | 0.0 | 40.775 | 12.356 | 0.0 | 40.695 | 12.944 | 0.0 | 22.755 | 5.075 | 0.0 | 24.194 | 5.056 | 0.0 | 1.857 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.216 | 0.0 |
| 65 | 611 | 612 | NS | 2 | 0.0 | 43.116 | 24.442 | 0.0 | 46.05 | 24.384 | 0.0 | 27.095 | 14.183 | 0.0 | 29.588 | 13.617 | 0.0 | 1.858 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.216 | 0.0 |
| 66 | 611 | 612 | NS | 1 | 0.0 | 43.116 | 24.442 | 0.0 | 46.05 | 24.384 | 0.0 | 27.095 | 14.183 | 0.0 | 29.588 | 13.617 | 0.0 | 1.858 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.216 | 0.0 |
| 67 | 611 | 612 | NS | 1 | 0.0 | 41.156 | 12.363 | 0.0 | 41.522 | 12.904 | 0.0 | 22.733 | 5.086 | 0.0 | 24.189 | 5.027 | 0.0 | 1.857 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.216 | 0.0 |
| 68 | 611 | 612 | SN | 1 | 0.0 | 41.269 | 12.623 | 0.0 | 41.801 | 12.958 | 0.0 | 24.117 | 4.326 | 0.0 | 22.446 | 4.272 | 0.0 | 1.854 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.184 | 0.0 |

| | | | | | |
|--------------------------|------------|-----------|------------|--------|------------|
| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal | Deviations |
| | Range | 10.0 | 3.0 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|----|---|-----|---------|--------|-----|--------|--------|-----|--------|--------|-----|--------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 69 | 611 | 612 | SN | 1 | 0.0 | 43.839 | 24.502 | 0.0 | 44.716 | 24.595 | 0.0 | 27.194 | 13.005 | 0.0 | 26.08 | 13.393 | 0.0 | 1.854 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.185 | 0.0 |
| 70 | 612 | 613 | SN | 1 | 0.0 | 40.69 | 12.61 | 0.0 | 41.785 | 12.988 | 0.0 | 24.112 | 4.307 | 0.0 | 22.457 | 4.294 | 0.0 | 1.854 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.184 | 0.0 |
| 71 | 612 | 613 | NS | 1 | 0.0 | 41.172 | 12.361 | 0.0 | 41.544 | 12.861 | 0.0 | 22.716 | 5.106 | 0.0 | 24.172 | 4.979 | 0.0 | 1.857 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.199 | 0.0 | 0.0 | 2.216 | 0.0 |
| 72 | 612 | 613 | NS | 1 | 0.0 | 44.137 | 24.469 | 0.0 | 44.776 | 24.247 | 0.0 | 27.09 | 14.234 | 0.0 | 28.854 | 13.462 | 0.0 | 1.857 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.216 | 0.0 |
| 73 | 612 | 613 | SN | 1 | 0.0 | 43.872 | 24.523 | 0.0 | 44.732 | 24.624 | 0.0 | 27.222 | 13.084 | 0.0 | 26.108 | 13.457 | 0.0 | 1.854 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.185 | 0.0 |
| 74 | 613 | 614 | NS | 1 | 0.0 | 43.05 | 24.521 | 0.0 | 45.366 | 24.413 | 0.0 | 26.963 | 14.28 | 0.0 | 30.051 | 13.616 | 0.0 | 1.857 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.216 | 0.0 |
| 75 | 613 | 614 | NS | 1 | 0.0 | 128.535 | 12.386 | 0.0 | 40.954 | 12.932 | 0.0 | 22.507 | 5.124 | 0.0 | 24.9 | 5.025 | 0.0 | 1.857 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.199 | 0.0 | 0.0 | 2.216 | 0.0 |
| 76 | 613 | 614 | SN | 1 | 0.0 | 41.925 | 12.621 | 0.0 | 41.608 | 12.995 | 0.0 | 24.812 | 4.325 | 0.0 | 22.661 | 4.273 | 0.0 | 1.854 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.185 | 0.0 |
| 77 | 613 | 614 | SN | 1 | 0.0 | 44.247 | 24.542 | 0.0 | 45.758 | 24.624 | 0.0 | 28.126 | 13.022 | 0.0 | 26.45 | 13.372 | 0.0 | 1.854 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.185 | 0.0 |
| 78 | 614 | 615 | SN | 1 | 0.0 | 44.236 | 24.418 | 0.0 | 45.78 | 24.58 | 0.0 | 28.143 | 13.001 | 0.0 | 26.472 | 13.386 | 0.0 | 1.854 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.185 | 0.0 |
| 79 | 614 | 615 | NS | 1 | 0.0 | 43.039 | 24.492 | 0.0 | 45.35 | 24.36 | 0.0 | 26.979 | 14.287 | 0.0 | 30.035 | 13.623 | 0.0 | 1.858 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.216 | 0.0 |
| 80 | 614 | 615 | NS | 1 | 0.0 | 41.404 | 12.377 | 0.0 | 40.982 | 12.934 | 0.0 | 22.512 | 5.12 | 0.0 | 24.001 | 5.053 | 0.0 | 1.857 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.216 | 0.0 |
| 81 | 614 | 615 | SN | 1 | 0.0 | 41.897 | 12.619 | 0.0 | 41.58 | 12.98 | 0.0 | 24.806 | 4.321 | 0.0 | 22.683 | 4.271 | 0.0 | 1.854 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.186 | 0.0 |
| 82 | 615 | 616 | NS | 1 | 0.0 | 41.591 | 12.376 | 0.0 | 41.01 | 12.94 | 0.0 | 22.468 | 5.092 | 0.0 | 23.985 | 5.073 | 0.0 | 1.857 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.216 | 0.0 |
| 83 | 615 | 616 | NS | 1 | 0.0 | 43.011 | 24.465 | 0.0 | 45.333 | 24.399 | 0.0 | 27.018 | 14.315 | 0.0 | 30.024 | 13.567 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.217 | 0.0 |
| 84 | 615 | 616 | SN | 1 | 0.0 | 41.886 | 12.613 | 0.0 | 41.564 | 13.007 | 0.0 | 24.305 | 4.283 | 0.0 | 22.694 | 4.262 | 0.0 | 1.854 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.185 | 0.0 |
| 85 | 615 | 616 | SN | 1 | 0.0 | 43.927 | 24.438 | 0.0 | 45.797 | 24.587 | 0.0 | 28.154 | 13.029 | 0.0 | 26.489 | 13.365 | 0.0 | 1.854 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.186 | 0.0 |
| 86 | 616 | 617 | SN | 1 | 0.0 | 43.326 | 24.469 | 0.0 | 45.074 | 24.574 | 0.0 | 26.952 | 13.043 | 0.0 | 25.496 | 13.343 | 0.0 | 1.854 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.185 | 0.0 |
| 87 | 616 | 617 | NS | 1 | 0.0 | 43.034 | 24.494 | 0.0 | 45.333 | 24.374 | 0.0 | 26.979 | 14.308 | 0.0 | 30.779 | 13.565 | 0.0 | 1.858 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.217 | 0.0 |
| 88 | 616 | 617 | NS | 1 | 0.0 | 41.432 | 12.363 | 0.0 | 41.765 | 12.926 | 0.0 | 22.192 | 5.128 | 0.0 | 23.979 | 5.064 | 0.0 | 1.857 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.199 | 0.0 | 0.0 | 2.216 | 0.0 |
| 89 | 616 | 617 | SN | 1 | 0.0 | 41.715 | 12.613 | 0.0 | 41.371 | 12.969 | 0.0 | 24.431 | 4.289 | 0.0 | 21.768 | 4.242 | 0.0 | 1.854 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.184 | 0.0 |
| 90 | 617 | 618 | NS | 1 | 0.0 | 41.63 | 12.388 | 0.0 | 41.241 | 12.925 | 0.0 | 23.157 | 5.1 | 0.0 | 24.806 | 5.034 | 0.0 | 1.857 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.199 | 0.0 | 0.0 | 2.216 | 0.0 |
| 91 | 617 | 618 | SN | 1 | 0.0 | 43.32 | 24.506 | 0.0 | 44.6 | 24.634 | 0.0 | 27.261 | 13.05 | 0.0 | 25.507 | 13.35 | 0.0 | 1.854 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.185 | 0.0 |
| 92 | 617 | 618 | NS | 1 | 0.0 | 44.236 | 24.481 | 0.0 | 46.563 | 24.277 | 0.0 | 26.549 | 14.247 | 0.0 | 29.638 | 13.585 | 0.0 | 1.857 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.216 | 0.0 |
| 93 | 617 | 618 | SN | 1 | 0.0 | 41.715 | 12.624 | 0.0 | 41.36 | 12.962 | 0.0 | 24.431 | 4.307 | 0.0 | 21.773 | 4.25 | 0.0 | 1.854 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.184 | 0.0 |
| 94 | 618 | 619 | NS | 1 | 0.0 | 44.23 | 24.531 | 0.0 | 46.547 | 24.324 | 0.0 | 26.522 | 14.268 | 0.0 | 29.627 | 13.585 | 0.0 | 1.857 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.216 | 0.0 |
| 95 | 618 | 619 | NS | 1 | 0.0 | 41.63 | 12.391 | 0.0 | 41.241 | 12.932 | 0.0 | 23.174 | 5.116 | 0.0 | 23.808 | 5.034 | 0.0 | 1.857 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.199 | 0.0 | 0.0 | 2.216 | 0.0 |
| 96 | 618 | 619 | SN | 1 | 0.0 | 44.313 | 24.515 | 0.0 | 44.611 | 24.674 | 0.0 | 27.272 | 13.05 | 0.0 | 25.529 | 13.386 | 0.0 | 1.854 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.186 | 0.0 |
| 97 | 618 | 619 | SN | 1 | 0.0 | 41.688 | 12.605 | 0.0 | 41.338 | 12.985 | 0.0 | 24.426 | 4.34 | 0.0 | 21.795 | 4.29 | 0.0 | 1.854 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.185 | 0.0 |
| 98 | 619 | 620 | SN | 1 | 0.0 | 41.517 | 12.609 | 0.0 | 41.851 | 12.972 | 0.0 | 23.615 | 4.339 | 0.0 | 22.369 | 4.293 | 0.0 | 1.854 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.184 | 0.0 |
| 99 | 619 | 620 | NS | 1 | 0.0 | 41.63 | 12.382 | 0.0 | 41.252 | 12.923 | 0.0 | 23.141 | 5.102 | 0.0 | 24.481 | 5.035 | 0.0 | 1.857 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.216 | 0.0 |
| 100 | 619 | 620 | SN | 1 | 0.0 | 43.784 | 24.484 | 0.0 | 45.129 | 24.601 | 0.0 | 27.751 | 13.015 | 0.0 | 26.009 | 13.384 | 0.0 | 1.854 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.186 | 0.0 |
| 101 | 619 | 620 | NS | 1 | 0.0 | 44.214 | 24.516 | 0.0 | 46.536 | 24.316 | 0.0 | 26.494 | 14.236 | 0.0 | 29.616 | 13.592 | 0.0 | 1.857 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.216 | 0.0 |
| 102 | 620 | 621 | NS | 1 | 0.0 | 44.197 | 24.533 | 0.0 | 45.444 | 24.218 | 0.0 | 27.145 | 14.196 | 0.0 | 29.605 | 13.433 | 0.0 | 1.857 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.217 | 0.0 |
| 103 | 620 | 621 | SN | 1 | 0.0 | 41.478 | 12.61 | 0.0 | 41.823 | 12.957 | 0.0 | 23.61 | 4.356 | 0.0 | 22.391 | 4.316 | 0.0 | 1.854 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.185 | 0.0 |
| 104 | 620 | 621 | NS | 1 | 0.0 | 41.967 | 12.355 | 0.0 | 41.462 | 12.873 | 0.0 | 22.97 | 5.118 | 0.0 | 23.681 | 4.993 | 0.0 | 1.857 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.216 | 0.0 |
| 105 | 620 | 621 | SN | 1 | 0.0 | 43.806 | 24.418 | 0.0 | 45.146 | 24.593 | 0.0 | 28.463 | 13.022 | 0.0 | 26.031 | 13.354 | 0.0 | 1.854 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.186 | 0.0 |

| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal | Deviations |
|--------------------------|------------|-----------|------------|--------|------------|
| | Range | 10.0 | 3.0 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|----|---|-----|--------|--------|-----|--------|--------|-----|--------|--------|-----|--------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 106 | 621 | 622 | SN | 1 | 0.0 | 41.467 | 12.615 | 0.0 | 41.079 | 12.942 | 0.0 | 23.615 | 4.329 | 0.0 | 21.828 | 4.307 | 0.0 | 1.855 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.185 | 0.0 |
| 107 | 621 | 622 | NS | 1 | 0.0 | 44.175 | 24.529 | 0.0 | 45.427 | 24.413 | 0.0 | 27.112 | 14.232 | 0.0 | 29.599 | 13.594 | 0.0 | 1.857 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.217 | 0.0 |
| 108 | 621 | 622 | SN | 1 | 0.0 | 43.833 | 24.467 | 0.0 | 45.179 | 24.56 | 0.0 | 28.457 | 12.991 | 0.0 | 26.047 | 13.361 | 0.0 | 1.854 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.186 | 0.0 |
| 109 | 621 | 622 | NS | 1 | 0.0 | 41.983 | 12.355 | 0.0 | 41.484 | 12.936 | 0.0 | 22.915 | 5.093 | 0.0 | 23.676 | 5.081 | 0.0 | 1.857 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.216 | 0.0 |

| | | | | | |
|--------------------------|------------|-----------|------------|----------|-------------|
| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal | Deviations |
| | Range | 10.0 | 3.0 | Alarming | High Errors |