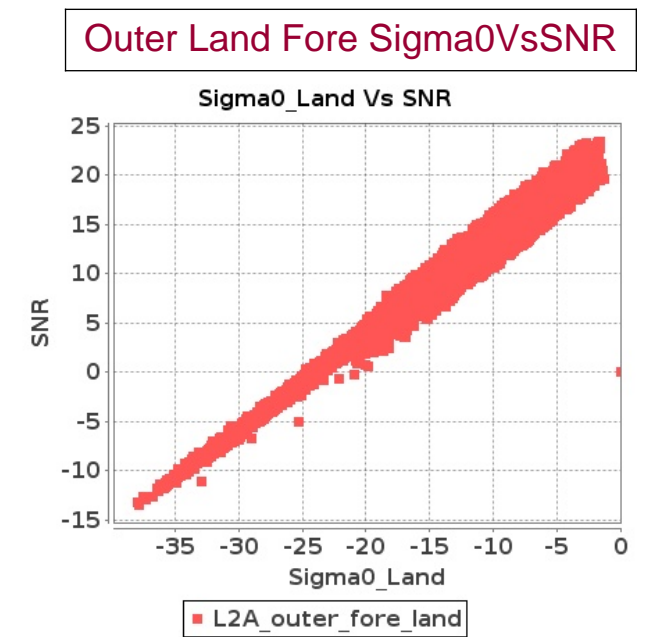
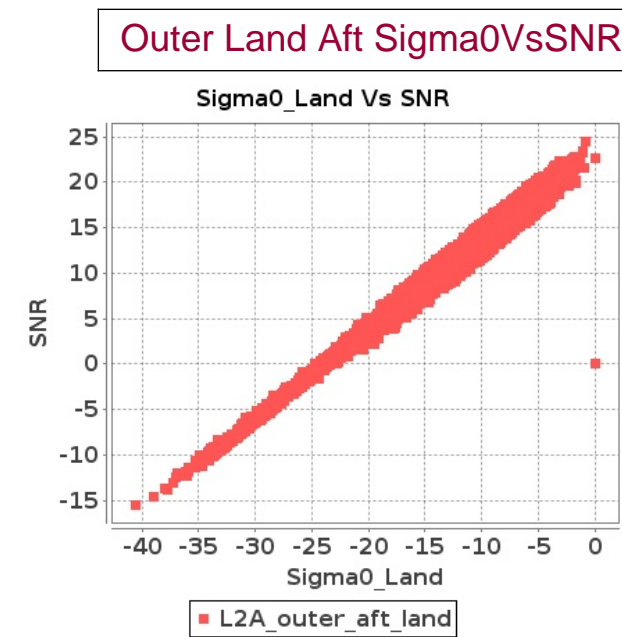
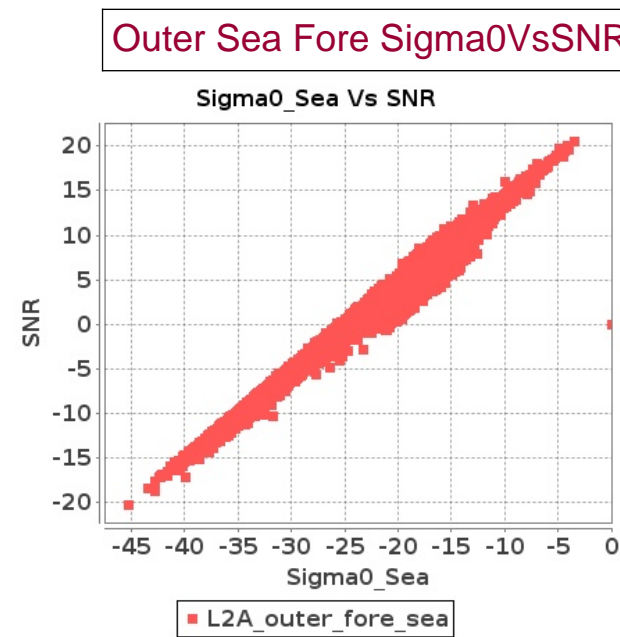
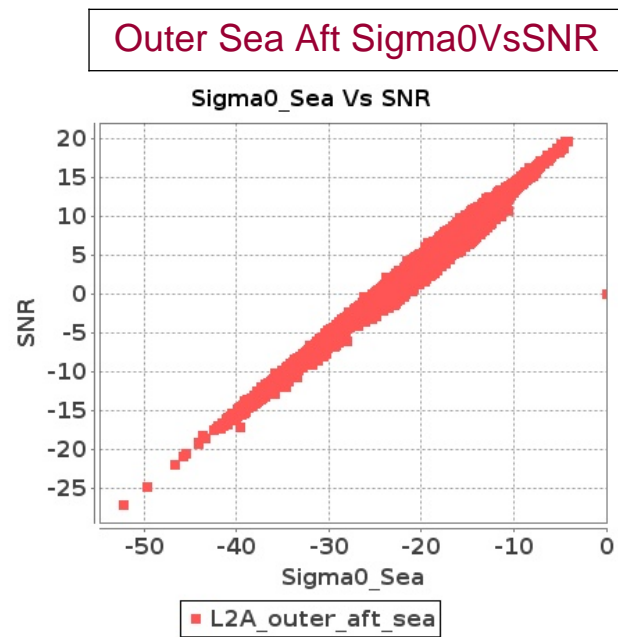
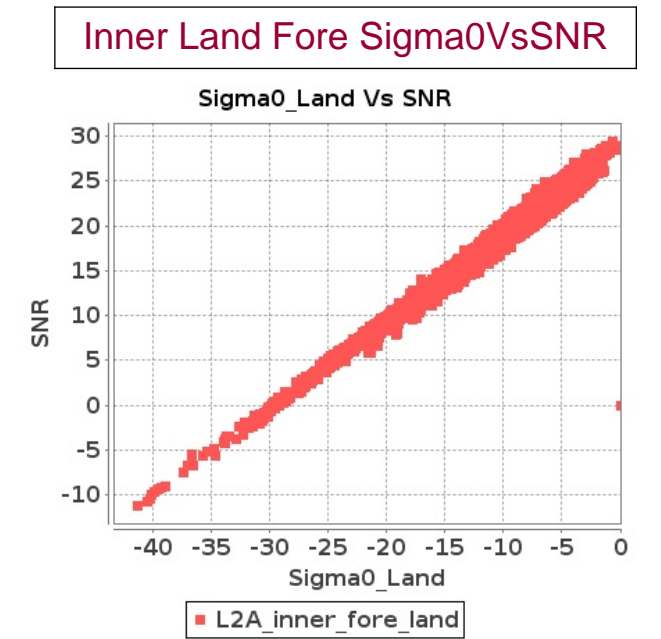
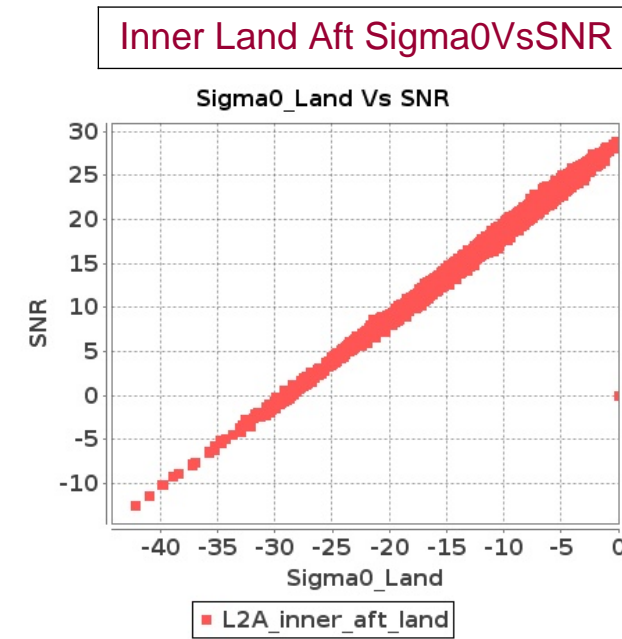
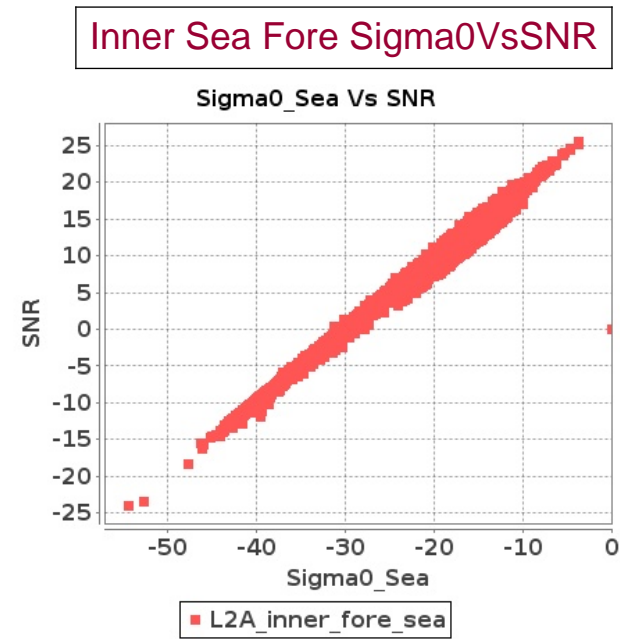
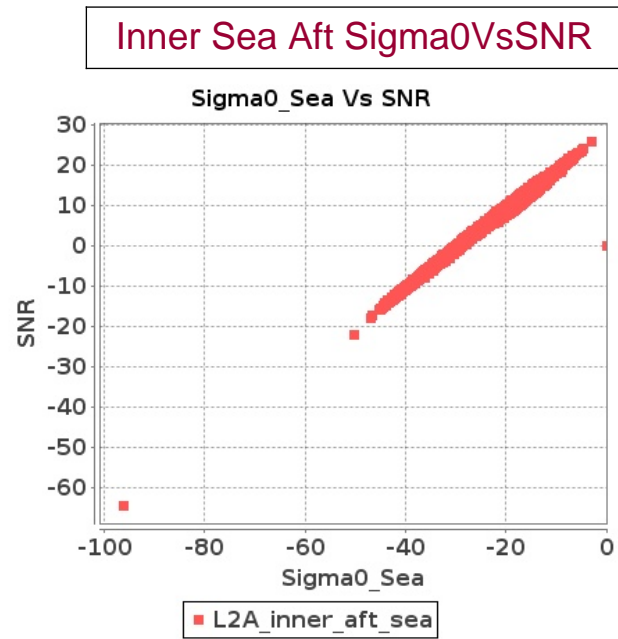


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 29-JUN-2019 To 30-JUN-2019



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

Report between 29-JUN-2019 To 30-JUN-2019

| 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 | 14584 | 14585 | SN | 1 | 0.0 | 46.752 | 1.367 | 0.0 | 53.124 | 1.922 | 0.0 | 43.26 | 1.152 | 0.0 | 45.012 | 1.624 | 0.0 | 47.652 | 1.381 | 0.0 | 49.336 | 1.827 | 0.0 | 40.775 | 1.076 | 0.0 | 44.37 | 1.46 |
| 2 | 14584 | 14585 | SN | 1 | 0.0 | 46.752 | 1.333 | 0.0 | 53.124 | 1.88 | 0.0 | 43.26 | 1.143 | 0.0 | 45.012 | 1.592 | 0.0 | 47.652 | 1.347 | 0.0 | 49.336 | 1.785 | 0.0 | 40.775 | 1.063 | 0.0 | 44.37 | 1.429 |
| 3 | 14584 | 14585 | SN | 1 | 0.0 | 46.379 | 1.324 | 0.0 | 52.468 | 1.867 | 0.0 | 38.961 | 1.135 | 0.0 | 42.207 | 1.601 | 0.0 | 47.278 | 1.329 | 0.0 | 48.681 | 1.781 | 0.0 | 39.478 | 1.063 | 0.0 | 41.568 | 1.448 |
| 4 | 14584 | 14585 | SN | 1 | 0.0 | 51.164 | 5.269 | 0.289 | 52.227 | 6.642 | 0.0 | 44.507 | 4.296 | 0.0 | 45.092 | 5.791 | 0.0 | 51.857 | 5.383 | 0.875 | 50.93 | 6.549 | 0.0 | 44.804 | 4.18 | 0.0 | 44.256 | 5.106 |
| 5 | 14584 | 14585 | SN | 1 | 0.0 | 51.164 | 5.126 | 0.289 | 52.227 | 6.491 | 0.0 | 44.507 | 4.259 | 0.0 | 48.769 | 5.65 | 0.0 | 51.857 | 5.258 | 0.875 | 50.93 | 6.399 | 0.0 | 44.804 | 4.124 | 0.0 | 47.927 | 4.981 |
| 6 | 14584 | 14585 | NS | 1 | 0.0 | 47.04 | 1.511 | 0.0 | 57.203 | 1.651 | 0.0 | 46.931 | 1.325 | 0.0 | 46.48 | 1.657 | 0.0 | 46.998 | 1.525 | 0.0 | 53.216 | 1.43 | 0.0 | 48.189 | 1.276 | 0.0 | 42.9 | 1.398 |
| 7 | 14584 | 14585 | NS | 1 | 0.0 | 51.206 | 6.452 | 0.0 | 58.302 | 6.663 | 0.0 | 43.789 | 4.792 | 0.0 | 49.278 | 5.672 | 0.0 | 52.646 | 6.544 | 0.0 | 55.497 | 6.003 | 0.0 | 43.804 | 4.593 | 0.0 | 50.417 | 4.869 |
| 8 | 14584 | 14585 | SN | 1 | 0.0 | 51.251 | 5.136 | 0.289 | 54.923 | 6.521 | 0.0 | 43.058 | 4.266 | 0.0 | 48.081 | 5.679 | 0.0 | 51.946 | 5.238 | 0.875 | 54.936 | 6.43 | 0.0 | 43.354 | 4.146 | 0.0 | 48.839 | 5.045 |
| 9 | 14585 | 14586 | SN | 1 | 0.0 | 48.774 | 3.556 | 0.408 | 52.273 | 3.829 | 0.0 | 41.107 | 3.386 | 0.0 | 42.802 | 3.956 | 0.0 | 48.559 | 3.586 | 0.134 | 50.948 | 3.545 | 0.0 | 42.144 | 3.379 | 0.0 | 43.78 | 3.643 |
| 10 | 14585 | 14586 | NS | 1 | 0.0 | 51.775 | 0.822 | 0.0 | 42.406 | 0.904 | 0.0 | 37.974 | 0.786 | 0.0 | 43.025 | 1.034 | 0.0 | 53.282 | 0.827 | 0.0 | 41.435 | 0.825 | 0.0 | 39.068 | 0.692 | 0.0 | 43.754 | 0.857 |
| 11 | 14585 | 14586 | NS | 1 | 0.0 | 45.1 | 0.79 | 0.0 | 50.901 | 0.922 | 0.0 | 45.154 | 0.793 | 0.0 | 38.373 | 1.026 | 0.0 | 47.487 | 0.793 | 0.0 | 50.397 | 0.841 | 0.0 | 43.906 | 0.725 | 0.0 | 37.919 | 0.827 |
| 12 | 14585 | 14586 | SN | 1 | 0.0 | 47.779 | 3.52 | 0.408 | 50.94 | 3.858 | 0.0 | 41.228 | 3.431 | 0.0 | 48.683 | 4.037 | 0.0 | 47.566 | 3.603 | 0.134 | 49.614 | 3.56 | 0.0 | 42.265 | 3.496 | 0.0 | 45.406 | 3.727 |
| 13 | 14585 | 14586 | NS | 1 | 0.0 | 53.037 | 2.475 | 0.0 | 48.686 | 3.032 | 0.0 | 44.038 | 2.581 | 0.0 | 41.176 | 3.213 | 0.0 | 52.109 | 2.485 | 0.0 | 46.06 | 2.789 | 0.0 | 43.649 | 2.332 | 0.0 | 41.125 | 2.737 |
| 14 | 14585 | 14586 | NS | 1 | 0.0 | 49.747 | 2.414 | 0.0 | 49.153 | 3.083 | 0.0 | 50.441 | 2.509 | 0.0 | 41.69 | 3.163 | 0.0 | 49.231 | 2.505 | 0.0 | 46.823 | 2.87 | 0.0 | 48.951 | 2.196 | 0.0 | 41.447 | 2.708 |
| 15 | 14585 | 14586 | SN | 1 | 0.0 | 41.814 | 0.832 | 0.0 | 42.017 | 1.149 | 0.0 | 47.021 | 1.02 | 0.0 | 37.71 | 1.276 | 0.0 | 42.068 | 0.855 | 0.0 | 43.089 | 1.032 | 0.0 | 45.011 | 0.969 | 0.0 | 36.53 | 1.149 |
| 16 | 14585 | 14586 | SN | 1 | 0.0 | 41.814 | 0.819 | 0.0 | 42.017 | 1.136 | 0.0 | 47.021 | 1.006 | 0.0 | 37.71 | 1.262 | 0.0 | 42.068 | 0.841 | 0.0 | 43.089 | 1.02 | 0.0 | 45.011 | 0.951 | 0.0 | 36.53 | 1.135 |
| 17 | 14585 | 14586 | SN | 1 | 0.0 | 40.471 | 0.848 | 0.0 | 43.562 | 1.157 | 0.0 | 42.773 | 0.989 | 0.0 | 37.71 | 1.281 | 0.0 | 41.34 | 0.878 | 0.0 | 46.603 | 1.054 | 0.0 | 41.994 | 0.946 | 0.0 | 36.63 | 1.146 |
| 18 | 14585 | 14586 | SN | 1 | 0.0 | 48.774 | 3.603 | 0.408 | 52.273 | 3.879 | 0.0 | 41.107 | 3.431 | 0.0 | 42.802 | 4.022 | 0.0 | 48.559 | 3.633 | 0.134 | 50.948 | 3.591 | 0.0 | 42.144 | 3.424 | 0.0 | 43.78 | 3.691 |
| 19 | 14586 | 14587 | NS | 1 | 0.0 | 39.979 | 0.497 | 0.0 | 40.401 | 0.764 | 0.0 | 35.015 | 0.619 | 0.0 | 42.038 | 0.882 | 0.0 | 40.444 | 0.47 | 0.0 | 36.95 | 0.635 | 0.0 | 32.912 | 0.554 | 0.0 | 37.044 | 0.635 |
| 20 | 14586 | 14587 | SN | 1 | 0.0 | 48.834 | 4.071 | 0.0 | 45.296 | 4.273 | 0.0 | 42.08 | 4.058 | 0.0 | 45.476 | 5.52 | 0.0 | 48.487 | 4.203 | 0.0 | 47.385 | 4.263 | 0.0 | 42.704 | 4.179 | 0.0 | 45.016 | 5.264 |
| 21 | 14586 | 14587 | SN | 1 | 0.0 | 48.834 | 4.107 | 0.0 | 45.296 | 4.277 | 0.0 | 42.08 | 4.119 | 0.0 | 45.476 | 5.591 | 0.0 | 48.487 | 4.251 | 0.0 | 47.385 | 4.277 | 0.0 | 42.704 | 4.249 | 0.0 | 45.016 | 5.338 |
| 22 | 14586 | 14587 | SN | 1 | 0.0 | 41.876 | 1.236 | 0.0 | 46.022 | 1.509 | 0.0 | 40.668 | 1.326 | 0.0 | 42.119 | 1.965 | 0.0 | 43.552 | 1.301 | 0.0 | 46.386 | 1.461 | 0.0 | 39.884 | 1.337 | 0.0 | 42.841 | 1.791 |
| 23 | 14586 | 14587 | SN | 1 | 0.0 | 41.876 | 1.236 | 0.0 | 46.022 | 1.509 | 0.0 | 40.668 | 1.326 | 0.0 | 42.119 | 1.965 | 0.0 | 43.552 | 1.301 | 0.0 | 46.386 | 1.461 | 0.0 | 39.884 | 1.337 | 0.0 | 42.841 | 1.791 |
| 24 | 14586 | 14587 | SN | 1 | 0.0 | 48.834 | 4.071 | 0.0 | 45.296 | 4.273 | 0.0 | 42.08 | 4.058 | 0.0 | 45.476 | 5.52 | 0.0 | 48.487 | 4.203 | 0.0 | 47.385 | 4.263 | 0.0 | 42.704 | 4.179 | 0.0 | 45.016 | 5.264 |
| 25 | 14586 | 14587 | NS | 1 | 0.0 | 40.358 | 2.0 | 0.0 | 51.314 | 2.613 | 0.0 | 41.056 | 2.133 | 0.0 | 37.318 | 2.587 | 0.0 | 40.931 | 1.979 | 0.0 | 52.268 | 2.227 | 0.0 | 40.13 | 1.991 | 0.0 | 37.712 | 2.166 |
| 26 | 14586 | 14587 | NS | 1 | 0.0 | 40.358 | 2.01 | 0.0 | 51.314 | 2.613 | 0.0 | 41.056 | 2.112 | 0.0 | 37.318 | 2.587 | 0.0 | 40.931 | 1.989 | 0.0 | 52.268 | 2.227 | 0.0 | 40.13 | 1.984 | 0.0 | 37.712 | 2.152 |
| 27 | 14586 | 14587 | NS | 1 | 0.0 | 39.979 | 0.499 | 0.0 | 40.401 | 0.764 | 0.0 | 35.015 | 0.634 | 0.0 | 42.038 | 0.882 | 0.0 | 40.444 | 0.472 | 0.0 | 36.95 | 0.635 | 0.0 | 32.912 | 0.564 | 0.0 | 37.044 | 0.633 |
| 28 | 14586 | 14587 | SN | 1 | 0.0 | 41.876 | 1.256 | 0.0 | 46.022 | 1.518 | 0.0 | 40.668 | 1.348 | 0.0 | 42.119 | 1.989 | 0.0 | 43.552 | 1.323 | 0.0 | 46.386 | 1.47 | 0.0 | 39.884 | 1.359 | 0.0 | 42.841 | 1.816 |
| 29 | 14587 | 14588 | NS | 1 | 0.0 | 40.702 | 0.989 | 0.0 | 44.479 | 1.343 | 0.0 | 36.129 | 0.814 | 0.0 | 42.629 | 1.092 | 0.0 | 41.57 | 0.998 | 0.0 | 44.027 | 1.266 | 0.0 | 37.208 | 0.798 | 0.0 | 45.576 | 0.962 |
| 30 | 14587 | 14588 | NS | 1 | 0.0 | 46.701 | 4.334 | 0.0 | 50.929 | 5.044 | 0.0 | 49.382 | 3.449 | 0.0 | 45.661 | 4.104 | 0.0 | 46.467 | 4.364 | 0.0 | 51.333 | 4.891 | 0.0 | 48.236 | 3.47 | 0.0 | 42.236 | 3.67 |
| 31 | 14587 | 14588 | NS | 1 | 0.0 | 51.783 | 4.291 | 0.661 | 57.794 | 5.177 | 0.0 | 42.512 | 3.121 | 0.0 | 46.733 | 4.166 | 0.0 | 51.674 | 4.281 | 0.811 | 55.112 | 5.106 | 0.0 | 43.236 | 3.021 | 0.0 | 46.823 | 3.818 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-----|--------|-------|-------|--------|--------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|--------|-----|--------|-------|-----|--------|-------|
| 32 | 14587 | 14588 | SN | 1 | 0.0 | 45.304 | 4.669 | 0.0 | 50.084 | 5.785 | 0.0 | 45.31 | 4.924 | 0.0 | 40.041 | 6.686 | 0.0 | 45.946 | 4.598 | 0.0 | 49.265 | 5.44 | 0.0 | 46.181 | 5.101 | 0.0 | 38.311 | 6.231 |
| 33 | 14587 | 14588 | SN | 1 | 0.0 | 45.304 | 4.669 | 0.0 | 50.084 | 5.785 | 0.0 | 45.31 | 4.924 | 0.0 | 40.041 | 6.686 | 0.0 | 45.946 | 4.598 | 0.0 | 49.265 | 5.44 | 0.0 | 46.181 | 5.101 | 0.0 | 38.311 | 6.231 |
| 34 | 14587 | 14588 | SN | 1 | 0.0 | 45.321 | 4.722 | 0.0 | 50.086 | 5.868 | 0.0 | 45.31 | 5.056 | 0.0 | 40.041 | 6.705 | 0.0 | 45.963 | 4.66 | 0.0 | 49.266 | 5.536 | 0.0 | 46.181 | 5.216 | 0.0 | 38.311 | 6.254 |
| 35 | 14587 | 14588 | SN | 1 | 0.0 | 39.387 | 1.36 | 0.0 | 42.34 | 1.958 | 0.0 | 35.145 | 1.62 | 0.0 | 37.419 | 2.213 | 0.0 | 39.355 | 1.367 | 0.0 | 43.283 | 1.888 | 0.0 | 33.544 | 1.523 | 0.0 | 36.038 | 1.923 |
| 36 | 14587 | 14588 | SN | 1 | 0.0 | 39.387 | 1.36 | 0.0 | 42.34 | 1.958 | 0.0 | 35.145 | 1.62 | 0.0 | 37.419 | 2.213 | 0.0 | 39.355 | 1.367 | 0.0 | 43.283 | 1.888 | 0.0 | 33.544 | 1.523 | 0.0 | 36.038 | 1.923 |
| 37 | 14587 | 14588 | SN | 1 | 0.0 | 39.387 | 1.389 | 0.0 | 42.34 | 1.992 | 0.0 | 36.223 | 1.655 | 0.0 | 35.815 | 2.241 | 0.0 | 39.355 | 1.391 | 0.0 | 43.283 | 1.907 | 0.0 | 36.806 | 1.55 | 0.0 | 36.038 | 1.929 |
| 38 | 14587 | 14588 | NS | 1 | 0.0 | 47.511 | 1.01 | 0.0 | 44.612 | 1.342 | 0.0 | 40.183 | 0.847 | 0.0 | 42.015 | 1.088 | 0.0 | 47.228 | 1.04 | 0.0 | 46.508 | 1.238 | 0.0 | 41.299 | 0.818 | 0.0 | 44.969 | 1.02 |
| 39 | 14588 | 14589 | SN | 1 | 0.0 | 45.295 | 1.881 | 0.0 | 38.599 | 2.541 | 0.0 | 37.402 | 2.049 | 0.0 | 37.071 | 2.768 | 0.0 | 45.621 | 1.961 | 0.0 | 38.368 | 2.593 | 0.0 | 39.423 | 2.105 | 0.0 | 36.869 | 2.799 |
| 40 | 14588 | 14589 | SN | 1 | 0.0 | 47.904 | 1.833 | 0.0 | 38.599 | 2.499 | 0.0 | 37.402 | 1.999 | 0.0 | 37.071 | 2.669 | 0.0 | 48.262 | 1.926 | 0.0 | 38.368 | 2.528 | 0.0 | 39.423 | 2.059 | 0.0 | 36.869 | 2.687 |
| 41 | 14588 | 14589 | NS | 1 | 0.0 | 46.766 | 3.714 | 0.0 | 53.556 | 5.011 | 0.0 | 40.753 | 3.527 | 0.0 | 42.262 | 4.499 | 0.0 | 46.64 | 3.765 | 0.0 | 53.404 | 4.554 | 0.0 | 43.631 | 3.513 | 0.0 | 44.781 | 4.158 |
| 42 | 14588 | 14589 | NS | 1 | 0.0 | 43.718 | 1.091 | 0.0 | 49.086 | 1.46 | 0.0 | 39.246 | 0.948 | 0.0 | 40.445 | 1.538 | 0.0 | 44.016 | 1.101 | 0.0 | 48.517 | 1.344 | 0.0 | 37.551 | 0.926 | 0.0 | 41.83 | 1.334 |
| 43 | 14588 | 14589 | SN | 1 | 0.0 | 47.904 | 1.833 | 0.0 | 38.599 | 2.499 | 0.0 | 37.402 | 1.999 | 0.0 | 37.071 | 2.669 | 0.0 | 48.262 | 1.926 | 0.0 | 38.368 | 2.528 | 0.0 | 39.423 | 2.059 | 0.0 | 36.869 | 2.687 |
| 44 | 14588 | 14589 | SN | 1 | 0.0 | 46.085 | 7.859 | 0.0 | 49.325 | 9.408 | 0.0 | 46.679 | 6.031 | 0.0 | 41.955 | 7.831 | 0.0 | 47.072 | 7.991 | 0.0 | 48.349 | 9.561 | 0.0 | 48.03 | 6.258 | 0.0 | 43.477 | 8.279 |
| 45 | 14588 | 14589 | SN | 1 | 0.0 | 46.085 | 7.859 | 0.0 | 49.325 | 9.408 | 0.0 | 46.679 | 6.031 | 0.0 | 41.955 | 7.831 | 0.0 | 47.072 | 7.991 | 0.0 | 48.349 | 9.561 | 0.0 | 48.03 | 6.258 | 0.0 | 43.477 | 8.279 |
| 46 | 14588 | 14589 | NS | 1 | 0.0 | 43.564 | 1.091 | 0.0 | 46.551 | 1.413 | 0.0 | 40.985 | 0.926 | 0.0 | 43.058 | 1.479 | 0.0 | 42.43 | 1.068 | 0.0 | 47.778 | 1.347 | 0.0 | 40.96 | 0.926 | 0.0 | 40.505 | 1.365 |
| 47 | 14588 | 14589 | SN | 1 | 0.0 | 47.994 | 7.997 | 0.0 | 49.325 | 9.523 | 0.0 | 40.03 | 6.202 | 0.0 | 41.955 | 8.027 | 0.0 | 49.661 | 8.144 | 0.0 | 48.349 | 9.681 | 0.0 | 41.382 | 6.474 | 0.0 | 43.477 | 8.528 |
| 48 | 14588 | 14589 | NS | 1 | 0.0 | 47.778 | 3.774 | 0.722 | 49.662 | 5.248 | 0.0 | 41.904 | 3.512 | 0.0 | 40.403 | 4.742 | 0.0 | 48.462 | 3.804 | 0.383 | 52.899 | 4.882 | 0.0 | 40.982 | 3.313 | 0.0 | 40.484 | 4.322 |
| 49 | 14589 | 14590 | NS | 1 | 0.0 | 44.147 | 1.134 | 0.0 | 50.172 | 1.453 | 0.0 | 40.94 | 1.24 | 0.0 | 45.244 | 1.735 | 0.0 | 44.997 | 1.157 | 0.0 | 49.823 | 1.385 | 0.0 | 40.529 | 1.203 | 0.0 | 42.932 | 1.375 |
| 50 | 14589 | 14590 | SN | 1 | 0.0 | 44.667 | 2.491 | 0.0 | 51.546 | 3.405 | 0.0 | 43.596 | 2.287 | 0.0 | 41.436 | 2.898 | 0.0 | 44.694 | 2.455 | 0.0 | 52.312 | 3.414 | 0.0 | 44.238 | 2.393 | 0.0 | 41.372 | 2.991 |
| 51 | 14589 | 14590 | SN | 1 | 0.0 | 46.882 | 2.582 | 0.0 | 51.546 | 3.551 | 0.0 | 43.596 | 2.42 | 0.0 | 41.672 | 3.006 | 0.0 | 45.552 | 2.556 | 0.0 | 52.312 | 3.551 | 0.0 | 42.612 | 2.506 | 0.0 | 43.076 | 3.066 |
| 52 | 14589 | 14590 | NS | 1 | 0.0 | 41.025 | 1.168 | 0.0 | 47.917 | 1.553 | 0.0 | 40.541 | 1.249 | 0.0 | 43.658 | 1.706 | 0.0 | 43.424 | 1.181 | 0.0 | 48.15 | 1.496 | 0.0 | 38.67 | 1.149 | 0.0 | 38.931 | 1.379 |
| 53 | 14589 | 14590 | NS | 1 | 0.0 | 46.521 | 4.465 | 0.0 | 53.665 | 5.416 | 0.0 | 46.059 | 4.65 | 0.0 | 44.035 | 5.338 | 0.0 | 47.378 | 4.465 | 0.0 | 53.392 | 5.203 | 0.0 | 48.765 | 4.451 | 0.0 | 47.191 | 4.805 |
| 54 | 14589 | 14590 | SN | 1 | 0.0 | 55.653 | 9.131 | 0.0 | 52.251 | 10.697 | 0.0 | 46.422 | 7.402 | 0.0 | 42.587 | 8.848 | 0.0 | 56.109 | 9.212 | 0.0 | 53.601 | 10.768 | 0.0 | 45.223 | 7.899 | 0.0 | 42.835 | 9.268 |
| 55 | 14589 | 14590 | SN | 1 | 0.0 | 55.847 | 9.383 | 0.0 | 52.152 | 10.903 | 0.0 | 44.571 | 7.732 | 0.0 | 43.265 | 9.133 | 0.0 | 56.507 | 9.479 | 0.0 | 53.501 | 11.01 | 0.0 | 45.336 | 8.309 | 0.0 | 44.555 | 9.562 |
| 56 | 14589 | 14590 | NS | 1 | 0.0 | 48.186 | 4.626 | 1.318 | 53.665 | 5.359 | 0.0 | 43.904 | 4.351 | 0.0 | 46.639 | 5.616 | 0.0 | 48.878 | 4.514 | 1.034 | 53.854 | 5.045 | 0.0 | 46.223 | 4.329 | 0.0 | 43.836 | 4.998 |
| 57 | 14590 | 14591 | NS | 1 | 0.0 | 40.726 | 1.242 | 0.0 | 44.931 | 1.675 | 0.0 | 41.429 | 1.605 | 0.0 | 39.458 | 2.009 | 0.0 | 40.154 | 1.226 | 0.0 | 44.838 | 1.474 | 0.0 | 39.885 | 1.572 | 0.0 | 38.084 | 1.734 |
| 58 | 14590 | 14591 | SN | 1 | 0.0 | 46.647 | 1.071 | 0.0 | 49.925 | 1.784 | 0.0 | 40.307 | 1.0 | 0.0 | 42.993 | 1.595 | 0.0 | 47.682 | 1.071 | 0.0 | 49.977 | 1.656 | 0.0 | 38.944 | 0.91 | 0.0 | 41.287 | 1.27 |
| 59 | 14590 | 14591 | SN | 1 | 0.0 | 51.639 | 4.7 | 0.0 | 60.932 | 6.508 | 0.0 | 43.367 | 3.654 | 0.0 | 43.041 | 5.122 | 0.0 | 51.472 | 4.69 | 0.0 | 58.787 | 5.878 | 0.0 | 43.01 | 3.398 | 0.0 | 46.215 | 4.411 |
| 60 | 14590 | 14591 | NS | 1 | 0.0 | 50.355 | 3.916 | 0.447 | 49.892 | 5.522 | 0.0 | 46.772 | 4.727 | 0.0 | 48.536 | 5.986 | 0.0 | 51.064 | 3.886 | 0.037 | 49.048 | 5.085 | 0.0 | 47.063 | 4.749 | 0.0 | 47.061 | 5.51 |
| 61 | 14591 | 14592 | SN | 1 | 0.0 | 48.777 | 2.378 | 0.0 | 55.146 | 3.514 | 0.0 | 44.127 | 2.331 | 0.0 | 47.971 | 3.155 | 0.0 | 48.191 | 2.389 | 0.0 | 59.677 | 3.254 | 0.0 | 41.88 | 2.181 | 0.0 | 44.286 | 2.758 |
| 62 | 14591 | 14592 | NS | 1 | 0.0 | 43.534 | 4.951 | 0.605 | 47.604 | 5.867 | 0.0 | 37.936 | 5.36 | 0.0 | 43.025 | 5.951 | 0.0 | 43.848 | 5.204 | 0.581 | 46.553 | 5.806 | 0.0 | 37.259 | 5.637 | 0.0 | 41.249 | 6.157 |
| 63 | 14591 | 14592 | SN | 1 | 0.0 | 42.099 | 0.706 | 0.0 | 40.548 | 1.045 | 0.0 | 39.715 | 0.792 | 0.0 | 44.899 | 1.142 | 0.0 | 44.112 | 0.708 | 0.0 | 41.877 | 0.92 | 0.0 | 40.968 | 0.731 | 0.0 | 41.367 | 0.954 |
| 64 | 14591 | 14592 | SN | 1 | 0.0 | 42.099 | 0.597 | 0.0 | 40.776 | 0.879 | 0.0 | 39.715 | 0.72 | 0.0 | 44.899 | 0.984 | 0.0 | 40.406 | 0.585 | 0.0 | 43.396 | 0.751 | 0.0 | 40.968 | 0.639 | 0.0 | 41.367 | 0.788 |
| 65 | 14591 | 14592 | NS | 1 | 0.0 | 43.475 | 1.353 | 0.0 | 41.641 | 1.738 | 0.0 | 37.807 | 1.614 | 0.0 | 40.726 | 1.983 | 0.0 | 44.189 | 1.373 | 0.0 | 42.764 | 1.763 | 0.0 | 38.038 | 1.632 | 0.0 | 39.55 | 2.055 |
| 66 | 14591 | 14592 | NS | 1 | 0.0 | 39.923 | 1.326 | 0.0 | 42.745 | 1.732 | 0.0 | 35.098 | 1.628 | 0.0 | 44.526 | 2.039 | 0.0 | 40.013 | 1.366 | 0.0 | 42.162 | 1.779 | 0.0 | 35.038 | 1.614 | 0.0 | 43.039 | 2.086 |
| 67 | 14591 | 14592 | SN | 1 | 0.0 | 42.099 | 0.706 | 0.0 | 40.548 | 1.045 | 0.0 | 39.715 | 0.792 | 0.0 | 44.899 | 1.142 | 0.0 | 44.112 | 0.708 | 0.0 | 41.877 | 0.92 | 0.0 | 40.968 | 0.731 | 0.0 | 41.367 | 0.954 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|--------|-----|--------|-------|-----|--------|-------|
| 68 | 14591 | 14592 | NS | 1 | 0.0 | 43.534 | 4.91 | 0.606 | 44.215 | 5.928 | 0.0 | 38.053 | 5.168 | 0.0 | 41.724 | 6.015 | 0.0 | 43.848 | 5.083 | 0.582 | 44.231 | 5.978 | 0.0 | 39.418 | 5.524 | 0.0 | 41.138 | 6.157 |
| 69 | 14591 | 14592 | SN | 1 | 0.0 | 48.777 | 3.009 | 0.0 | 55.146 | 4.284 | 0.0 | 44.127 | 2.661 | 0.0 | 47.971 | 3.543 | 0.0 | 48.191 | 3.029 | 0.0 | 59.677 | 4.041 | 0.0 | 41.88 | 2.561 | 0.0 | 44.286 | 3.187 |
| 70 | 14591 | 14592 | SN | 1 | 0.0 | 48.777 | 3.009 | 0.0 | 55.146 | 4.284 | 0.0 | 44.127 | 2.661 | 0.0 | 47.971 | 3.543 | 0.0 | 48.191 | 3.029 | 0.0 | 59.677 | 4.041 | 0.0 | 41.88 | 2.561 | 0.0 | 44.286 | 3.187 |
| 71 | 14592 | 14593 | NS | 1 | 0.0 | 56.325 | 7.842 | 1.131 | 51.92 | 8.536 | 0.0 | 45.77 | 6.377 | 0.0 | 44.735 | 7.564 | 0.0 | 57.434 | 8.116 | 0.924 | 50.791 | 8.79 | 0.0 | 45.204 | 6.306 | 0.0 | 45.052 | 7.458 |
| 72 | 14592 | 14593 | NS | 1 | 0.0 | 54.303 | 7.812 | 1.131 | 51.88 | 8.506 | 0.0 | 42.303 | 6.348 | 0.0 | 47.382 | 7.415 | 0.0 | 55.415 | 7.994 | 0.925 | 50.671 | 8.729 | 0.0 | 43.647 | 6.334 | 0.0 | 46.778 | 7.33 |
| 73 | 14592 | 14593 | NS | 1 | 0.0 | 47.959 | 1.866 | 0.0 | 49.578 | 2.326 | 0.0 | 41.221 | 1.756 | 0.0 | 41.908 | 2.091 | 0.0 | 48.985 | 1.886 | 0.0 | 48.511 | 2.31 | 0.0 | 40.544 | 1.765 | 0.0 | 44.946 | 2.05 |
| 74 | 14592 | 14593 | SN | 1 | 0.0 | 40.842 | 0.686 | 0.0 | 45.689 | 1.117 | 0.0 | 36.02 | 0.776 | 0.0 | 42.262 | 1.217 | 0.0 | 39.774 | 0.681 | 0.0 | 45.886 | 0.993 | 0.0 | 36.091 | 0.769 | 0.0 | 38.908 | 1.016 |
| 75 | 14592 | 14593 | SN | 1 | 0.0 | 40.842 | 0.686 | 0.0 | 45.689 | 1.117 | 0.0 | 36.02 | 0.776 | 0.0 | 42.262 | 1.217 | 0.0 | 39.774 | 0.681 | 0.0 | 45.886 | 0.993 | 0.0 | 36.091 | 0.769 | 0.0 | 38.908 | 1.016 |
| 76 | 14592 | 14593 | SN | 1 | 0.0 | 49.193 | 2.857 | 0.0 | 42.426 | 4.071 | 0.0 | 40.974 | 2.767 | 0.0 | 47.168 | 3.742 | 0.0 | 49.836 | 2.826 | 0.0 | 42.408 | 3.777 | 0.0 | 40.647 | 2.54 | 0.0 | 43.922 | 3.436 |
| 77 | 14592 | 14593 | SN | 1 | 0.0 | 49.193 | 2.857 | 0.0 | 42.426 | 4.071 | 0.0 | 40.974 | 2.767 | 0.0 | 47.168 | 3.742 | 0.0 | 49.836 | 2.826 | 0.0 | 42.408 | 3.777 | 0.0 | 40.647 | 2.54 | 0.0 | 43.922 | 3.436 |
| 78 | 14592 | 14593 | NS | 1 | 0.0 | 47.925 | 1.836 | 0.0 | 41.173 | 2.319 | 0.0 | 42.516 | 1.756 | 0.0 | 41.665 | 2.093 | 0.0 | 48.935 | 1.909 | 0.0 | 40.105 | 2.324 | 0.0 | 43.582 | 1.795 | 0.0 | 42.215 | 2.048 |
| 79 | 14593 | 14594 | NS | 1 | 0.0 | 50.862 | 3.67 | 0.0 | 54.046 | 4.344 | 0.0 | 49.207 | 3.078 | 0.0 | 47.581 | 3.755 | 0.0 | 51.051 | 3.741 | 0.0 | 52.062 | 4.141 | 0.0 | 50.03 | 2.936 | 0.0 | 47.246 | 3.286 |
| 80 | 14593 | 14594 | NS | 1 | 0.0 | 43.449 | 0.912 | 0.0 | 46.319 | 1.237 | 0.0 | 43.796 | 0.858 | 0.0 | 41.723 | 1.119 | 0.0 | 44.469 | 0.914 | 0.0 | 44.728 | 1.167 | 0.0 | 41.395 | 0.839 | 0.0 | 37.559 | 1.039 |
| 81 | 14593 | 14594 | NS | 1 | 0.0 | 43.554 | 0.926 | 0.0 | 45.819 | 1.232 | 0.0 | 40.937 | 0.862 | 0.0 | 40.361 | 1.108 | 0.0 | 42.492 | 0.928 | 0.0 | 44.683 | 1.162 | 0.0 | 42.807 | 0.826 | 0.0 | 37.047 | 1.001 |
| 82 | 14593 | 14594 | NS | 1 | 0.0 | 51.475 | 3.691 | 0.0 | 44.872 | 4.415 | 0.0 | 48.723 | 3.127 | 0.0 | 46.893 | 3.876 | 0.0 | 50.737 | 3.721 | 0.0 | 45.961 | 4.192 | 0.0 | 49.543 | 2.936 | 0.0 | 46.191 | 3.392 |
| 83 | 14593 | 14594 | SN | 1 | 0.0 | 40.986 | 0.99 | 0.0 | 52.436 | 1.352 | 0.0 | 41.848 | 0.933 | 0.0 | 38.185 | 1.275 | 0.0 | 41.686 | 0.968 | 0.0 | 48.072 | 1.176 | 0.0 | 41.513 | 0.891 | 0.0 | 38.73 | 1.107 |
| 84 | 14593 | 14594 | SN | 1 | 0.0 | 52.487 | 3.89 | 0.0 | 46.555 | 4.518 | 0.0 | 41.381 | 3.64 | 0.0 | 51.037 | 4.511 | 0.0 | 52.909 | 3.85 | 0.0 | 47.636 | 4.254 | 0.0 | 42.958 | 3.498 | 0.0 | 50.826 | 4.105 |
| 85 | 14594 | 14595 | SN | 1 | 0.0 | 48.263 | 1.274 | 0.0 | 45.292 | 1.626 | 0.0 | 43.412 | 1.1 | 0.0 | 39.713 | 1.341 | 0.0 | 47.346 | 1.265 | 0.0 | 46.962 | 1.538 | 0.0 | 41.767 | 1.02 | 0.0 | 40.651 | 1.188 |
| 86 | 14594 | 14595 | NS | 1 | 0.0 | 48.856 | 2.14 | 0.0 | 49.439 | 3.081 | 0.0 | 43.669 | 3.072 | 0.0 | 47.279 | 4.168 | 0.0 | 50.865 | 2.14 | 0.0 | 51.009 | 2.755 | 0.0 | 42.972 | 2.865 | 0.0 | 49.008 | 3.767 |
| 87 | 14594 | 14595 | NS | 1 | 0.0 | 48.856 | 2.129 | 0.0 | 49.439 | 3.065 | 0.0 | 43.669 | 3.057 | 0.0 | 47.279 | 4.146 | 0.0 | 50.865 | 2.129 | 0.0 | 51.009 | 2.741 | 0.0 | 42.972 | 2.85 | 0.0 | 49.008 | 3.748 |
| 88 | 14594 | 14595 | SN | 1 | 0.0 | 48.324 | 4.812 | 0.0 | 53.678 | 5.766 | 0.0 | 46.565 | 3.98 | 0.0 | 48.088 | 4.667 | 0.0 | 48.5 | 4.923 | 0.0 | 56.455 | 5.279 | 0.0 | 47.624 | 3.831 | 0.0 | 45.927 | 4.176 |
| 89 | 14594 | 14595 | NS | 1 | 0.0 | 40.236 | 0.733 | 0.0 | 44.996 | 1.06 | 0.0 | 36.553 | 1.08 | 0.0 | 42.474 | 1.569 | 0.0 | 41.178 | 0.735 | 0.0 | 43.081 | 1.019 | 0.0 | 36.677 | 1.012 | 0.0 | 41.803 | 1.33 |
| 90 | 14594 | 14595 | NS | 1 | 0.0 | 40.236 | 0.729 | 0.0 | 44.996 | 1.056 | 0.0 | 36.553 | 1.075 | 0.0 | 42.474 | 1.563 | 0.0 | 41.178 | 0.732 | 0.0 | 43.081 | 1.015 | 0.0 | 36.677 | 1.007 | 0.0 | 41.803 | 1.325 |
| 91 | 14595 | 14596 | SN | 1 | 0.0 | 45.409 | 1.275 | 0.0 | 49.758 | 1.871 | 0.0 | 43.491 | 1.305 | 0.0 | 45.007 | 1.784 | 0.0 | 44.942 | 1.29 | 0.0 | 51.837 | 1.735 | 0.0 | 41.73 | 1.25 | 0.0 | 46.283 | 1.592 |
| 92 | 14595 | 14596 | NS | 1 | 0.0 | 52.644 | 5.174 | 0.0 | 43.83 | 6.598 | 0.0 | 44.654 | 5.19 | 0.0 | 44.622 | 6.138 | 0.0 | 52.305 | 5.204 | 0.0 | 43.995 | 6.628 | 0.0 | 47.7 | 5.46 | 0.0 | 40.751 | 6.315 |
| 93 | 14595 | 14596 | SN | 1 | 0.0 | 51.297 | 4.842 | 1.023 | 50.578 | 6.907 | 0.0 | 48.847 | 4.415 | 0.0 | 44.442 | 5.97 | 0.0 | 52.239 | 4.913 | 0.278 | 51.346 | 6.491 | 0.0 | 50.475 | 4.344 | 0.0 | 43.1 | 5.323 |
| 94 | 14595 | 14596 | SN | 1 | 0.0 | 50.998 | 4.822 | 1.023 | 50.578 | 6.927 | 0.0 | 47.04 | 4.458 | 0.0 | 45.298 | 5.97 | 0.0 | 51.938 | 4.934 | 0.278 | 51.346 | 6.47 | 0.0 | 48.668 | 4.422 | 0.0 | 47.98 | 5.344 |
| 95 | 14595 | 14596 | SN | 1 | 0.0 | 45.686 | 1.261 | 0.0 | 49.758 | 1.864 | 0.0 | 40.304 | 1.33 | 0.0 | 41.665 | 1.803 | 0.0 | 45.218 | 1.272 | 0.0 | 51.837 | 1.729 | 0.0 | 39.114 | 1.279 | 0.0 | 41.23 | 1.629 |
| 96 | 14595 | 14596 | NS | 1 | 0.0 | 46.21 | 1.563 | 0.0 | 42.818 | 1.936 | 0.0 | 42.055 | 1.746 | 0.0 | 47.592 | 2.152 | 0.0 | 46.566 | 1.64 | 0.0 | 42.9 | 1.852 | 0.0 | 40.628 | 1.769 | 0.0 | 46.354 | 2.12 |
| 97 | 14596 | 14597 | SN | 1 | 0.0 | 46.24 | 5.298 | 0.407 | 51.059 | 5.455 | 0.0 | 45.227 | 4.812 | 0.0 | 41.682 | 6.184 | 0.0 | 46.53 | 5.4 | 0.856 | 51.525 | 5.444 | 0.0 | 42.377 | 4.784 | 0.0 | 44.243 | 5.977 |
| 98 | 14596 | 14597 | NS | 1 | 0.0 | 46.271 | 7.291 | 0.0 | 52.139 | 9.717 | 0.0 | 44.984 | 7.05 | 0.0 | 42.628 | 8.934 | 0.0 | 47.454 | 7.555 | 0.0 | 50.739 | 10.011 | 0.0 | 42.087 | 7.406 | 0.0 | 43.087 | 9.204 |
| 99 | 14596 | 14597 | SN | 1 | 0.0 | 45.471 | 5.157 | 0.407 | 51.746 | 5.465 | 0.0 | 41.5 | 4.649 | 0.0 | 40.779 | 6.184 | 0.0 | 45.603 | 5.41 | 0.856 | 51.092 | 5.394 | 0.0 | 39.813 | 4.706 | 0.0 | 38.593 | 5.984 |
| 100 | 14596 | 14597 | SN | 1 | 0.0 | 45.796 | 1.381 | 0.0 | 47.312 | 1.509 | 0.0 | 43.63 | 1.465 | 0.0 | 38.129 | 2.09 | 0.0 | 44.566 | 1.392 | 0.0 | 45.809 | 1.514 | 0.0 | 40.696 | 1.475 | 0.0 | 37.8 | 1.967 |
| 101 | 14596 | 14597 | NS | 1 | 0.0 | 46.574 | 2.184 | 0.0 | 45.742 | 3.057 | 0.0 | 42.137 | 2.196 | 0.0 | 49.685 | 3.132 | 0.0 | 48.186 | 2.234 | 0.0 | 43.809 | 2.996 | 0.0 | 43.139 | 2.288 | 0.0 | 44.885 | 3.19 |
| 102 | 14596 | 14597 | SN | 1 | 0.0 | 48.661 | 1.317 | 0.0 | 42.931 | 1.532 | 0.0 | 44.81 | 1.518 | 0.0 | 38.983 | 2.068 | 0.0 | 48.456 | 1.333 | 0.0 | 42.172 | 1.509 | 0.0 | 43.081 | 1.513 | 0.0 | 38.283 | 1.949 |
| 103 | 14596 | 14597 | NS | 1 | 0.0 | 46.271 | 7.291 | 0.0 | 52.139 | 9.717 | 0.0 | 44.984 | 7.05 | 0.0 | 42.628 | 8.934 | 0.0 | 47.454 | 7.555 | 0.0 | 50.739 | 10.011 | 0.0 | 42.087 | 7.406 | 0.0 | 43.087 | 9.204 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|
| 104 | 14596 | 14597 | NS | 1 | 0.0 | 46.574 | 2.184 | 0.0 | 45.742 | 3.057 | 0.0 | 42.137 | 2.196 | 0.0 | 49.685 | 3.132 | 0.0 | 48.186 | 2.234 | 0.0 | 43.809 | 2.996 | 0.0 | 43.139 | 2.288 | 0.0 | 44.885 | 3.19 |
| 105 | 14597 | 14598 | NS | 1 | 0.0 | 50.96 | 2.18 | 0.0 | 49.53 | 2.547 | 0.0 | 38.138 | 2.132 | 0.0 | 47.612 | 2.5 | 0.0 | 51.723 | 2.225 | 0.0 | 48.338 | 2.395 | 0.0 | 38.41 | 2.207 | 0.0 | 50.562 | 2.456 |
| 106 | 14597 | 14598 | SN | 1 | 0.0 | 48.427 | 5.687 | 0.149 | 51.261 | 6.57 | 0.0 | 45.21 | 5.552 | 0.0 | 45.604 | 6.61 | 0.0 | 49.962 | 5.809 | 0.078 | 50.321 | 6.726 | 0.0 | 43.249 | 5.77 | 0.0 | 45.427 | 6.618 |
| 107 | 14597 | 14598 | SN | 1 | 0.0 | 48.132 | 5.491 | 0.149 | 49.028 | 6.267 | 0.0 | 41.668 | 5.21 | 0.0 | 43.905 | 6.241 | 0.0 | 49.946 | 5.643 | 0.078 | 51.936 | 6.206 | 0.0 | 41.259 | 5.522 | 0.0 | 44.568 | 6.127 |
| 108 | 14597 | 14598 | SN | 1 | 0.0 | 46.21 | 1.451 | 0.0 | 42.083 | 1.889 | 0.0 | 45.284 | 1.495 | 0.0 | 38.469 | 2.026 | 0.0 | 47.43 | 1.514 | 0.0 | 43.471 | 1.923 | 0.0 | 45.676 | 1.628 | 0.0 | 38.594 | 2.043 |
| 109 | 14597 | 14598 | NS | 1 | 0.0 | 49.236 | 7.291 | 0.0 | 48.67 | 8.307 | 0.0 | 42.109 | 6.901 | 0.0 | 45.032 | 7.548 | 0.0 | 50.022 | 7.392 | 0.0 | 49.582 | 8.003 | 0.0 | 42.144 | 7.107 | 0.0 | 43.047 | 7.505 |
| 110 | 14597 | 14598 | SN | 1 | 0.0 | 37.846 | 1.558 | 0.0 | 48.113 | 1.976 | 0.0 | 40.926 | 1.576 | 0.0 | 38.469 | 2.127 | 0.0 | 38.533 | 1.59 | 0.0 | 49.503 | 2.028 | 0.0 | 42.018 | 1.714 | 0.0 | 38.293 | 2.195 |
| 111 | 14597 | 14598 | NS | 1 | 0.0 | 49.236 | 7.291 | 0.0 | 48.67 | 8.307 | 0.0 | 42.109 | 6.901 | 0.0 | 45.032 | 7.548 | 0.0 | 50.022 | 7.392 | 0.0 | 49.582 | 8.003 | 0.0 | 42.144 | 7.107 | 0.0 | 43.047 | 7.505 |
| 112 | 14597 | 14598 | NS | 1 | 0.0 | 50.96 | 2.18 | 0.0 | 49.53 | 2.547 | 0.0 | 38.138 | 2.132 | 0.0 | 47.612 | 2.5 | 0.0 | 51.723 | 2.225 | 0.0 | 48.338 | 2.395 | 0.0 | 38.41 | 2.207 | 0.0 | 50.562 | 2.456 |
| 113 | 14598 | 14599 | NS | 1 | 0.0 | 53.317 | 1.786 | 0.0 | 48.101 | 1.982 | 0.0 | 43.212 | 1.618 | 0.0 | 43.301 | 2.037 | 0.0 | 52.108 | 1.807 | 0.0 | 49.825 | 1.86 | 0.0 | 43.489 | 1.602 | 0.0 | 43.777 | 1.794 |
| 114 | 14598 | 14599 | NS | 1 | 0.0 | 55.171 | 6.55 | 0.0 | 55.508 | 6.806 | 0.0 | 49.835 | 5.835 | 0.0 | 49.513 | 6.894 | 0.0 | 55.302 | 6.885 | 0.0 | 54.324 | 6.613 | 0.0 | 51.64 | 5.785 | 0.0 | 48.839 | 6.56 |
| 115 | 14598 | 14599 | SN | 1 | 0.0 | 46.755 | 1.299 | 0.0 | 43.376 | 1.75 | 0.0 | 43.823 | 1.381 | 0.0 | 41.747 | 1.573 | 0.0 | 46.733 | 1.325 | 0.0 | 42.424 | 1.681 | 0.0 | 42.065 | 1.371 | 0.0 | 38.115 | 1.506 |
| 116 | 14598 | 14599 | SN | 1 | 0.0 | 47.45 | 1.32 | 0.0 | 45.825 | 1.76 | 0.0 | 40.163 | 1.339 | 0.0 | 42.57 | 1.577 | 0.0 | 47.589 | 1.339 | 0.0 | 45.797 | 1.679 | 0.0 | 40.088 | 1.341 | 0.0 | 41.329 | 1.523 |
| 117 | 14598 | 14599 | SN | 1 | 0.0 | 50.446 | 5.085 | 0.0 | 49.001 | 5.648 | 0.0 | 45.892 | 4.761 | 0.0 | 49.481 | 5.525 | 0.0 | 51.274 | 5.095 | 0.0 | 49.655 | 5.505 | 0.0 | 44.794 | 4.753 | 0.0 | 45.196 | 5.304 |
| 118 | 14598 | 14599 | SN | 1 | 0.0 | 44.926 | 1.247 | 0.0 | 43.376 | 1.657 | 0.0 | 43.823 | 1.358 | 0.0 | 41.747 | 1.5 | 0.0 | 46.721 | 1.231 | 0.0 | 42.424 | 1.582 | 0.0 | 42.065 | 1.349 | 0.0 | 39.675 | 1.466 |
| 119 | 14598 | 14599 | SN | 1 | 0.0 | 53.074 | 5.366 | 0.0 | 48.956 | 5.928 | 0.0 | 45.915 | 4.889 | 0.0 | 42.386 | 5.681 | 0.0 | 53.902 | 5.409 | 0.0 | 49.611 | 5.843 | 0.0 | 45.191 | 4.814 | 0.0 | 42.874 | 5.471 |
| 120 | 14598 | 14599 | SN | 1 | 0.0 | 50.446 | 5.323 | 0.0 | 49.001 | 5.928 | 0.0 | 47.634 | 4.874 | 0.0 | 49.481 | 5.711 | 0.0 | 51.274 | 5.323 | 0.0 | 49.655 | 5.789 | 0.0 | 48.686 | 4.926 | 0.0 | 45.196 | 5.576 |
| 121 | 14599 | 14600 | NS | 1 | 0.0 | 48.545 | 3.694 | 0.0 | 55.065 | 4.128 | 0.0 | 45.765 | 3.164 | 0.0 | 48.211 | 3.696 | 0.0 | 49.454 | 3.735 | 0.0 | 52.682 | 3.834 | 0.0 | 48.409 | 3.072 | 0.0 | 47.564 | 3.205 |
| 122 | 14599 | 14600 | NS | 1 | 0.0 | 51.367 | 0.951 | 0.0 | 44.232 | 1.064 | 0.0 | 52.14 | 0.937 | 0.0 | 45.304 | 1.173 | 0.0 | 51.153 | 0.956 | 0.0 | 43.961 | 0.96 | 0.0 | 48.99 | 0.843 | 0.0 | 44.833 | 0.978 |
| 123 | 14599 | 14600 | NS | 1 | 0.0 | 51.367 | 0.954 | 0.0 | 44.232 | 1.064 | 0.0 | 52.14 | 0.937 | 0.0 | 45.304 | 1.164 | 0.0 | 51.153 | 0.958 | 0.0 | 43.961 | 0.967 | 0.0 | 48.99 | 0.852 | 0.0 | 44.833 | 0.974 |
| 124 | 14599 | 14600 | SN | 1 | 0.0 | 43.888 | 1.031 | 0.0 | 45.392 | 1.506 | 0.0 | 42.286 | 0.992 | 0.0 | 38.33 | 1.311 | 0.0 | 44.081 | 1.042 | 0.0 | 43.976 | 1.33 | 0.0 | 42.644 | 0.873 | 0.0 | 37.491 | 1.179 |
| 125 | 14599 | 14600 | NS | 1 | 0.0 | 48.545 | 3.694 | 0.0 | 55.065 | 4.148 | 0.0 | 45.765 | 3.143 | 0.0 | 48.211 | 3.717 | 0.0 | 49.454 | 3.735 | 0.0 | 52.682 | 3.834 | 0.0 | 48.409 | 3.05 | 0.0 | 47.564 | 3.205 |
| 126 | 14599 | 14600 | SN | 1 | 0.0 | 48.78 | 3.869 | 0.0 | 51.111 | 4.76 | 0.0 | 46.572 | 3.278 | 0.0 | 45.567 | 4.31 | 0.0 | 50.129 | 3.9 | 0.0 | 52.588 | 4.476 | 0.0 | 44.443 | 3.235 | 0.0 | 48.004 | 3.99 |
| 127 | 14599 | 14600 | SN | 1 | 0.0 | 48.78 | 3.869 | 0.0 | 51.111 | 4.76 | 0.0 | 46.572 | 3.278 | 0.0 | 45.567 | 4.31 | 0.0 | 50.129 | 3.9 | 0.0 | 52.588 | 4.476 | 0.0 | 44.443 | 3.235 | 0.0 | 48.004 | 3.99 |
| 128 | 14599 | 14600 | SN | 1 | 0.0 | 43.888 | 1.031 | 0.0 | 45.392 | 1.506 | 0.0 | 42.286 | 0.992 | 0.0 | 38.33 | 1.311 | 0.0 | 44.081 | 1.042 | 0.0 | 43.976 | 1.33 | 0.0 | 42.644 | 0.873 | 0.0 | 37.491 | 1.179 |
| 129 | 14600 | 14601 | NS | 1 | 0.0 | 40.437 | 3.267 | 0.452 | 44.162 | 3.837 | 0.0 | 38.845 | 2.744 | 0.0 | 41.224 | 3.149 | 0.0 | 41.437 | 3.287 | 0.303 | 45.738 | 3.654 | 0.0 | 42.824 | 2.694 | 0.0 | 41.058 | 2.901 |
| 130 | 14600 | 14601 | SN | 1 | 0.0 | 43.717 | 3.674 | 0.0 | 51.145 | 3.649 | 0.0 | 44.665 | 2.992 | 0.0 | 44.665 | 4.215 | 0.0 | 44.455 | 3.746 | 0.0 | 52.092 | 3.526 | 0.0 | 43.658 | 2.992 | 0.0 | 46.142 | 3.833 |
| 131 | 14600 | 14601 | SN | 1 | 0.0 | 43.717 | 3.674 | 0.0 | 51.145 | 3.649 | 0.0 | 44.665 | 2.992 | 0.0 | 44.665 | 4.215 | 0.0 | 44.455 | 3.746 | 0.0 | 52.092 | 3.526 | 0.0 | 43.658 | 2.992 | 0.0 | 46.142 | 3.833 |
| 132 | 14600 | 14601 | NS | 1 | 0.0 | 43.678 | 3.075 | 0.0 | 44.162 | 3.55 | 0.0 | 43.143 | 2.673 | 0.0 | 42.091 | 3.276 | 0.0 | 44.78 | 3.258 | 0.0 | 45.738 | 3.398 | 0.0 | 44.573 | 2.638 | 0.0 | 37.717 | 2.957 |
| 133 | 14600 | 14601 | SN | 1 | 0.0 | 43.717 | 3.626 | 0.0 | 51.145 | 3.603 | 0.0 | 44.665 | 2.951 | 0.0 | 44.665 | 4.161 | 0.0 | 44.455 | 3.697 | 0.0 | 52.092 | 3.481 | 0.0 | 43.658 | 2.951 | 0.0 | 46.142 | 3.784 |
| 134 | 14600 | 14601 | SN | 1 | 0.0 | 42.42 | 0.923 | 0.0 | 42.145 | 1.057 | 0.0 | 48.548 | 0.981 | 0.0 | 45.383 | 1.498 | 0.0 | 41.272 | 0.939 | 0.0 | 40.346 | 1.029 | 0.0 | 48.121 | 0.933 | 0.0 | 41.248 | 1.249 |
| 135 | 14600 | 14601 | SN | 1 | 0.0 | 42.42 | 0.923 | 0.0 | 42.145 | 1.057 | 0.0 | 48.548 | 0.981 | 0.0 | 45.383 | 1.498 | 0.0 | 41.272 | 0.939 | 0.0 | 40.346 | 1.029 | 0.0 | 48.121 | 0.933 | 0.0 | 41.248 | 1.249 |
| 136 | 14600 | 14601 | NS | 1 | 0.0 | 39.831 | 0.701 | 0.0 | 33.537 | 1.015 | 0.0 | 38.97 | 0.797 | 0.0 | 39.738 | 1.12 | 0.0 | 39.376 | 0.716 | 0.0 | 35.933 | 0.913 | 0.0 | 36.515 | 0.788 | 0.0 | 36.754 | 0.949 |
| 137 | 14600 | 14601 | NS | 1 | 0.0 | 35.561 | 0.739 | 0.0 | 46.582 | 0.904 | 0.0 | 36.797 | 0.734 | 0.0 | 35.726 | 1.116 | 0.0 | 34.213 | 0.711 | 0.0 | 43.649 | 0.888 | 0.0 | 34.624 | 0.72 | 0.0 | 33.64 | 0.987 |
| 138 | 14600 | 14601 | SN | 1 | 0.0 | 42.42 | 0.911 | 0.0 | 42.145 | 1.045 | 0.0 | 48.548 | 0.969 | 0.0 | 45.383 | 1.481 | 0.0 | 41.272 | 0.927 | 0.0 | 40.346 | 1.017 | 0.0 | 48.121 | 0.921 | 0.0 | 41.248 | 1.234 |
| 139 | 14601 | 14602 | SN | 1 | 0.0 | 48.956 | 4.671 | 0.0 | 46.702 | 6.597 | 0.0 | 41.945 | 5.181 | 0.0 | 41.081 | 6.707 | 0.0 | 48.627 | 4.773 | 0.0 | 43.6 | 6.232 | 0.0 | 41.863 | 5.316 | 0.0 | 42.824 | 6.146 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|--------|--------|-------|--------|--------|-----|--------|-------|-----|--------|-------|-----|--------|--------|-------|--------|--------|-----|--------|-------|-----|--------|--------|
| 140 | 14601 | 14602 | SN | 1 | 0.0 | 48.956 | 4.671 | 0.0 | 46.702 | 6.607 | 0.0 | 41.945 | 5.181 | 0.0 | 41.081 | 6.707 | 0.0 | 48.627 | 4.773 | 0.0 | 43.6 | 6.242 | 0.0 | 41.863 | 5.316 | 0.0 | 42.824 | 6.146 |
| 141 | 14601 | 14602 | NS | 1 | 0.0 | 44.854 | 0.746 | 0.0 | 44.685 | 0.981 | 0.0 | 39.913 | 0.873 | 0.0 | 38.434 | 1.308 | 0.0 | 46.542 | 0.755 | 0.0 | 46.983 | 0.886 | 0.0 | 40.0 | 0.847 | 0.0 | 42.754 | 1.143 |
| 142 | 14601 | 14602 | SN | 1 | 0.0 | 51.579 | 4.739 | 0.0 | 46.939 | 6.485 | 0.0 | 41.805 | 5.232 | 0.0 | 41.081 | 6.702 | 0.0 | 50.69 | 4.821 | 0.0 | 43.836 | 6.133 | 0.0 | 39.966 | 5.362 | 0.0 | 42.824 | 6.274 |
| 143 | 14601 | 14602 | NS | 1 | 0.0 | 41.432 | 1.938 | 0.0 | 44.515 | 2.637 | 0.0 | 40.814 | 2.83 | 0.0 | 42.99 | 3.724 | 0.0 | 41.204 | 1.959 | 0.0 | 44.812 | 2.414 | 0.0 | 39.35 | 2.681 | 0.0 | 43.893 | 3.518 |
| 144 | 14601 | 14602 | SN | 1 | 0.0 | 42.668 | 1.37 | 0.0 | 43.14 | 1.987 | 0.0 | 41.603 | 1.676 | 0.0 | 38.438 | 2.392 | 0.0 | 43.016 | 1.376 | 0.0 | 41.761 | 1.895 | 0.0 | 41.863 | 1.695 | 0.0 | 37.031 | 2.193 |
| 145 | 14601 | 14602 | NS | 1 | 0.0 | 41.432 | 1.928 | 0.0 | 44.515 | 2.657 | 0.0 | 40.814 | 2.816 | 0.0 | 42.99 | 3.724 | 0.0 | 41.204 | 1.959 | 0.0 | 44.812 | 2.434 | 0.0 | 39.35 | 2.666 | 0.0 | 43.893 | 3.518 |
| 146 | 14601 | 14602 | SN | 1 | 0.0 | 42.668 | 1.37 | 0.0 | 43.14 | 1.987 | 0.0 | 41.603 | 1.676 | 0.0 | 38.438 | 2.392 | 0.0 | 43.016 | 1.376 | 0.0 | 41.761 | 1.895 | 0.0 | 41.863 | 1.695 | 0.0 | 37.031 | 2.193 |
| 147 | 14601 | 14602 | NS | 1 | 0.0 | 44.854 | 0.739 | 0.0 | 44.685 | 0.978 | 0.0 | 39.913 | 0.877 | 0.0 | 38.434 | 1.313 | 0.0 | 46.542 | 0.743 | 0.0 | 46.983 | 0.884 | 0.0 | 40.0 | 0.848 | 0.0 | 42.754 | 1.143 |
| 148 | 14601 | 14602 | SN | 1 | 0.0 | 50.188 | 1.409 | 0.0 | 43.37 | 1.996 | 0.0 | 35.106 | 1.726 | 0.0 | 38.438 | 2.401 | 0.0 | 49.949 | 1.403 | 0.0 | 41.994 | 1.883 | 0.0 | 35.903 | 1.715 | 0.0 | 37.031 | 2.215 |
| 149 | 14602 | 14603 | NS | 1 | 0.0 | 51.02 | 0.849 | 0.0 | 46.261 | 1.234 | 0.0 | 39.326 | 0.74 | 0.0 | 41.34 | 1.053 | 0.0 | 52.677 | 0.838 | 0.0 | 46.906 | 1.162 | 0.0 | 38.002 | 0.695 | 0.0 | 37.822 | 0.895 |
| 150 | 14602 | 14603 | SN | 1 | 0.0 | 47.119 | 1.467 | 0.0 | 41.457 | 2.166 | 0.0 | 38.333 | 1.767 | 0.0 | 38.27 | 2.381 | 0.0 | 46.974 | 1.499 | 0.0 | 40.67 | 2.103 | 0.0 | 37.4 | 1.676 | 0.0 | 37.088 | 2.211 |
| 151 | 14602 | 14603 | NS | 1 | 0.0 | 44.419 | 0.842 | 0.0 | 49.601 | 1.223 | 0.0 | 41.491 | 0.75 | 0.0 | 42.898 | 1.04 | 0.0 | 44.469 | 0.829 | 0.0 | 50.245 | 1.162 | 0.0 | 38.61 | 0.699 | 0.0 | 39.381 | 0.909 |
| 152 | 14602 | 14603 | SN | 1 | 0.0 | 47.119 | 1.461 | 0.0 | 42.312 | 2.15 | 0.0 | 36.248 | 1.722 | 0.0 | 40.165 | 2.315 | 0.0 | 46.974 | 1.506 | 0.0 | 40.67 | 2.073 | 0.0 | 37.08 | 1.614 | 0.0 | 36.911 | 2.13 |
| 153 | 14602 | 14603 | SN | 1 | 0.0 | 48.031 | 5.518 | 0.0 | 45.171 | 6.883 | 0.0 | 39.254 | 5.298 | 0.0 | 39.246 | 6.567 | 0.0 | 48.713 | 5.64 | 0.0 | 46.615 | 6.975 | 0.0 | 39.592 | 5.22 | 0.0 | 39.664 | 6.467 |
| 154 | 14602 | 14603 | NS | 1 | 0.0 | 47.748 | 3.5 | 1.142 | 56.551 | 4.456 | 0.0 | 43.68 | 3.007 | 0.0 | 47.736 | 3.533 | 0.0 | 47.826 | 3.53 | 1.188 | 55.628 | 4.222 | 0.0 | 40.578 | 2.915 | 0.0 | 45.225 | 3.164 |
| 155 | 14602 | 14603 | SN | 1 | 0.0 | 45.353 | 5.357 | 0.0 | 46.121 | 6.901 | 0.0 | 42.516 | 5.289 | 0.0 | 39.246 | 6.701 | 0.0 | 44.031 | 5.482 | 0.0 | 47.66 | 7.005 | 0.0 | 40.893 | 5.341 | 0.0 | 39.664 | 6.613 |
| 156 | 14602 | 14603 | NS | 1 | 0.0 | 47.951 | 3.48 | 1.146 | 48.734 | 4.344 | 0.0 | 38.612 | 2.971 | 0.0 | 46.934 | 3.505 | 0.0 | 48.025 | 3.52 | 0.981 | 48.773 | 4.111 | 0.0 | 38.471 | 2.886 | 0.0 | 44.312 | 3.149 |
| 157 | 14603 | 14604 | SN | 1 | 0.0 | 47.459 | 10.445 | 0.0 | 49.705 | 12.447 | 0.0 | 39.227 | 8.125 | 0.0 | 43.116 | 9.434 | 0.0 | 47.127 | 10.718 | 0.0 | 51.841 | 12.487 | 0.0 | 41.029 | 8.827 | 0.0 | 42.458 | 10.366 |
| 158 | 14603 | 14604 | SN | 1 | 0.0 | 45.035 | 2.76 | 0.0 | 49.233 | 3.401 | 0.0 | 37.867 | 2.578 | 0.0 | 44.264 | 3.301 | 0.0 | 46.972 | 2.848 | 0.0 | 49.105 | 3.442 | 0.0 | 37.851 | 2.734 | 0.0 | 41.914 | 3.457 |
| 159 | 14603 | 14604 | NS | 1 | 0.0 | 47.431 | 1.141 | 0.0 | 42.651 | 1.463 | 0.0 | 40.2 | 1.0 | 0.0 | 46.721 | 1.447 | 0.0 | 48.15 | 1.138 | 0.0 | 44.155 | 1.359 | 0.0 | 40.641 | 0.951 | 0.0 | 46.767 | 1.235 |
| 160 | 14603 | 14604 | NS | 1 | 0.0 | 58.862 | 4.352 | 0.455 | 51.665 | 5.248 | 0.0 | 42.832 | 3.917 | 0.0 | 45.636 | 5.041 | 0.0 | 58.821 | 4.342 | 0.492 | 52.68 | 5.116 | 0.0 | 45.412 | 3.739 | 0.0 | 45.671 | 4.479 |
| 161 | 14604 | 14605 | NS | 1 | 0.0 | 49.301 | 3.429 | 0.735 | 47.993 | 4.507 | 0.0 | 48.042 | 3.611 | 0.0 | 44.473 | 4.564 | 0.0 | 49.483 | 3.378 | 0.162 | 48.894 | 4.151 | 0.0 | 47.221 | 3.37 | 0.0 | 42.206 | 4.038 |
| 162 | 14604 | 14605 | NS | 1 | 0.0 | 53.488 | 0.942 | 0.0 | 44.255 | 1.316 | 0.0 | 39.487 | 1.036 | 0.0 | 46.512 | 1.36 | 0.0 | 52.077 | 0.919 | 0.0 | 46.28 | 1.194 | 0.0 | 39.117 | 0.954 | 0.0 | 44.298 | 1.161 |
| 163 | 14604 | 14605 | SN | 1 | 0.0 | 51.054 | 6.472 | 0.0 | 55.229 | 8.416 | 0.0 | 50.471 | 5.591 | 0.0 | 51.548 | 7.299 | 0.0 | 50.661 | 6.543 | 0.0 | 52.559 | 7.898 | 0.0 | 49.338 | 5.513 | 0.0 | 53.739 | 7.107 |
| 164 | 14604 | 14605 | NS | 1 | 0.0 | 45.929 | 3.398 | 0.738 | 48.602 | 4.547 | 0.0 | 43.079 | 3.633 | 0.0 | 43.905 | 4.472 | 0.0 | 46.636 | 3.358 | 0.934 | 49.503 | 4.222 | 0.0 | 43.159 | 3.434 | 0.0 | 42.992 | 3.988 |
| 165 | 14604 | 14605 | SN | 1 | 0.0 | 51.054 | 6.509 | 0.0 | 55.229 | 8.238 | 0.0 | 50.471 | 5.759 | 0.0 | 51.548 | 7.229 | 0.0 | 50.661 | 6.584 | 0.0 | 52.559 | 7.74 | 0.0 | 49.338 | 5.646 | 0.0 | 53.739 | 7.092 |
| 166 | 14604 | 14605 | SN | 1 | 0.0 | 51.054 | 6.472 | 0.0 | 55.229 | 8.416 | 0.0 | 50.471 | 5.591 | 0.0 | 51.548 | 7.299 | 0.0 | 50.661 | 6.543 | 0.0 | 52.559 | 7.898 | 0.0 | 49.338 | 5.513 | 0.0 | 53.739 | 7.107 |
| 167 | 14604 | 14605 | SN | 1 | 0.0 | 42.609 | 1.764 | 0.0 | 48.392 | 2.488 | 0.0 | 44.301 | 1.704 | 0.0 | 41.407 | 2.249 | 0.0 | 42.612 | 1.746 | 0.0 | 49.535 | 2.365 | 0.0 | 41.481 | 1.702 | 0.0 | 41.492 | 2.145 |
| 168 | 14604 | 14605 | SN | 1 | 0.0 | 42.609 | 1.764 | 0.0 | 48.392 | 2.488 | 0.0 | 44.301 | 1.704 | 0.0 | 41.407 | 2.249 | 0.0 | 42.612 | 1.746 | 0.0 | 49.535 | 2.365 | 0.0 | 41.481 | 1.702 | 0.0 | 41.492 | 2.145 |
| 169 | 14604 | 14605 | SN | 1 | 0.0 | 42.609 | 1.788 | 0.0 | 48.392 | 2.51 | 0.0 | 44.301 | 1.736 | 0.0 | 40.935 | 2.276 | 0.0 | 42.612 | 1.767 | 0.0 | 49.535 | 2.394 | 0.0 | 42.144 | 1.742 | 0.0 | 40.191 | 2.175 |
| 170 | 14604 | 14605 | NS | 1 | 0.0 | 54.539 | 0.926 | 0.0 | 45.397 | 1.322 | 0.0 | 45.678 | 1.036 | 0.0 | 39.976 | 1.385 | 0.0 | 53.129 | 0.915 | 0.0 | 47.42 | 1.178 | 0.0 | 44.654 | 0.965 | 0.0 | 38.368 | 1.177 |
| 171 | 14605 | 14606 | NS | 1 | 0.0 | 44.86 | 4.575 | 0.141 | 49.622 | 5.035 | 0.0 | 46.2 | 4.756 | 0.0 | 41.664 | 5.666 | 0.0 | 44.844 | 4.585 | 0.186 | 50.171 | 4.75 | 0.0 | 43.4 | 4.713 | 0.0 | 43.104 | 5.339 |
| 172 | 14605 | 14606 | SN | 1 | 0.0 | 56.515 | 6.323 | 0.0 | 54.762 | 8.189 | 0.0 | 46.227 | 4.816 | 0.0 | 46.518 | 5.627 | 0.0 | 55.999 | 6.312 | 0.0 | 53.198 | 7.744 | 0.0 | 45.443 | 4.52 | 0.0 | 45.469 | 4.925 |
| 173 | 14605 | 14606 | NS | 1 | 0.0 | 46.252 | 4.615 | 0.141 | 47.399 | 5.045 | 0.0 | 43.206 | 4.784 | 0.0 | 41.665 | 5.56 | 0.0 | 46.238 | 4.646 | 0.186 | 47.948 | 4.801 | 0.0 | 40.825 | 4.628 | 0.0 | 43.102 | 5.261 |
| 174 | 14605 | 14606 | SN | 1 | 0.0 | 56.515 | 6.171 | 0.0 | 54.762 | 8.02 | 0.0 | 46.227 | 4.658 | 0.0 | 46.518 | 5.528 | 0.0 | 55.999 | 6.151 | 0.0 | 53.198 | 7.543 | 0.0 | 45.443 | 4.41 | 0.0 | 45.469 | 4.802 |
| 175 | 14605 | 14606 | SN | 1 | 0.0 | 56.515 | 6.171 | 0.0 | 54.762 | 8.01 | 0.0 | 46.227 | 4.665 | 0.0 | 46.518 | 5.535 | 0.0 | 55.999 | 6.161 | 0.0 | 53.198 | 7.533 | 0.0 | 45.443 | 4.424 | 0.0 | 45.469 | 4.802 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|-------|-----|--------|-------|-----|--------|-------|
| 176 | 14605 | 14606 | NS | 1 | 0.0 | 36.755 | 1.204 | 0.0 | 41.302 | 1.426 | 0.0 | 47.004 | 1.465 | 0.0 | 37.391 | 1.819 | 0.0 | 35.201 | 1.206 | 0.0 | 39.714 | 1.327 | 0.0 | 44.184 | 1.455 | 0.0 | 36.044 | 1.716 |
| 177 | 14605 | 14606 | SN | 1 | 0.0 | 45.081 | 1.53 | 0.0 | 50.182 | 2.239 | 0.0 | 40.599 | 1.154 | 0.0 | 42.303 | 1.416 | 0.0 | 44.456 | 1.53 | 0.0 | 50.461 | 2.062 | 0.0 | 39.529 | 1.079 | 0.0 | 40.52 | 1.176 |
| 178 | 14605 | 14606 | SN | 1 | 0.0 | 45.081 | 1.532 | 0.0 | 50.182 | 2.232 | 0.0 | 40.599 | 1.15 | 0.0 | 42.303 | 1.416 | 0.0 | 44.456 | 1.528 | 0.0 | 50.461 | 2.058 | 0.0 | 39.529 | 1.077 | 0.0 | 40.52 | 1.176 |
| 179 | 14605 | 14606 | NS | 1 | 0.0 | 37.43 | 1.195 | 0.0 | 39.291 | 1.429 | 0.0 | 52.016 | 1.479 | 0.0 | 36.18 | 1.796 | 0.0 | 36.546 | 1.213 | 0.0 | 37.693 | 1.352 | 0.0 | 52.739 | 1.478 | 0.0 | 37.287 | 1.686 |
| 180 | 14605 | 14606 | SN | 1 | 0.0 | 45.081 | 1.611 | 0.0 | 50.182 | 2.336 | 0.0 | 40.599 | 1.19 | 0.0 | 42.303 | 1.463 | 0.0 | 44.456 | 1.608 | 0.0 | 50.461 | 2.16 | 0.0 | 39.529 | 1.118 | 0.0 | 40.52 | 1.216 |
| 181 | 14606 | 14607 | NS | 1 | 0.0 | 49.646 | 6.403 | 0.0 | 46.0 | 7.524 | 0.0 | 43.367 | 5.432 | 0.0 | 39.755 | 6.29 | 0.0 | 49.529 | 6.616 | 0.0 | 45.671 | 7.635 | 0.0 | 42.429 | 5.546 | 0.0 | 39.081 | 6.332 |
| 182 | 14606 | 14607 | NS | 1 | 0.0 | 44.747 | 1.74 | 0.0 | 44.032 | 2.069 | 0.0 | 39.775 | 1.535 | 0.0 | 38.581 | 1.85 | 0.0 | 44.209 | 1.78 | 0.0 | 47.615 | 2.11 | 0.0 | 40.346 | 1.586 | 0.0 | 36.392 | 1.857 |
| 183 | 14606 | 14607 | SN | 1 | 0.0 | 49.369 | 0.742 | 0.0 | 48.969 | 1.249 | 0.0 | 41.095 | 0.753 | 0.0 | 44.261 | 1.148 | 0.0 | 49.059 | 0.731 | 0.0 | 49.524 | 1.115 | 0.0 | 40.696 | 0.661 | 0.0 | 40.71 | 0.846 |
| 184 | 14606 | 14607 | NS | 1 | 0.0 | 44.747 | 1.735 | 0.0 | 44.032 | 2.063 | 0.0 | 39.775 | 1.512 | 0.0 | 38.448 | 1.841 | 0.0 | 44.209 | 1.773 | 0.0 | 47.595 | 2.121 | 0.0 | 40.346 | 1.572 | 0.0 | 39.214 | 1.843 |
| 185 | 14606 | 14607 | SN | 1 | 0.0 | 49.239 | 2.492 | 0.422 | 53.769 | 4.418 | 0.0 | 41.18 | 2.47 | 0.0 | 47.826 | 3.857 | 0.0 | 48.967 | 2.553 | 0.099 | 53.032 | 3.88 | 0.0 | 40.382 | 2.314 | 0.0 | 44.239 | 3.024 |
| 186 | 14606 | 14607 | NS | 1 | 0.0 | 49.646 | 6.413 | 0.0 | 46.0 | 7.564 | 0.0 | 43.324 | 5.375 | 0.0 | 39.707 | 6.282 | 0.0 | 49.529 | 6.636 | 0.0 | 45.673 | 7.635 | 0.0 | 42.384 | 5.467 | 0.0 | 39.034 | 6.375 |
| 187 | 14607 | 14608 | NS | 1 | 0.0 | 51.871 | 1.854 | 0.0 | 52.754 | 2.239 | 0.0 | 42.826 | 1.455 | 0.0 | 43.709 | 1.9 | 0.0 | 51.689 | 1.866 | 0.0 | 51.135 | 2.154 | 0.0 | 43.267 | 1.463 | 0.0 | 49.174 | 1.769 |
| 188 | 14607 | 14608 | SN | 1 | 0.0 | 43.313 | 3.11 | 0.374 | 47.734 | 3.514 | 0.0 | 39.735 | 3.159 | 0.0 | 40.428 | 3.878 | 0.0 | 43.705 | 2.958 | 0.432 | 49.271 | 3.291 | 0.0 | 40.772 | 3.194 | 0.0 | 43.023 | 3.65 |
| 189 | 14607 | 14608 | NS | 1 | 0.0 | 50.414 | 7.647 | 0.0 | 51.224 | 8.886 | 0.0 | 41.638 | 5.33 | 0.0 | 47.626 | 6.937 | 0.0 | 50.139 | 7.566 | 0.0 | 51.287 | 8.805 | 0.0 | 44.256 | 5.43 | 0.0 | 45.629 | 6.624 |
| 190 | 14607 | 14608 | SN | 1 | 0.0 | 37.793 | 0.896 | 0.0 | 47.734 | 1.145 | 0.0 | 34.314 | 0.925 | 0.0 | 43.062 | 1.185 | 0.0 | 36.976 | 0.927 | 0.0 | 49.271 | 1.063 | 0.0 | 35.931 | 0.896 | 0.0 | 39.217 | 1.077 |
| 191 | 14608 | 14609 | NS | 1 | 0.0 | 49.448 | 3.134 | 0.0 | 46.684 | 4.027 | 0.0 | 41.741 | 3.134 | 0.0 | 47.784 | 3.86 | 0.0 | 50.359 | 3.205 | 0.0 | 46.323 | 3.662 | 0.0 | 41.186 | 2.978 | 0.0 | 47.293 | 3.291 |
| 192 | 14608 | 14609 | SN | 1 | 0.0 | 52.258 | 4.579 | 0.418 | 51.75 | 5.526 | 0.0 | 44.696 | 4.067 | 0.0 | 48.573 | 5.195 | 0.0 | 52.113 | 4.559 | 0.086 | 50.258 | 5.18 | 0.0 | 44.731 | 4.025 | 0.0 | 44.506 | 4.753 |
| 193 | 14608 | 14609 | NS | 1 | 0.0 | 41.806 | 0.802 | 0.0 | 36.644 | 1.044 | 0.0 | 41.299 | 0.935 | 0.0 | 37.53 | 1.194 | 0.0 | 43.697 | 0.772 | 0.0 | 37.46 | 0.963 | 0.0 | 40.429 | 0.855 | 0.0 | 38.195 | 0.96 |
| 194 | 14608 | 14609 | SN | 1 | 0.0 | 48.693 | 1.184 | 0.0 | 47.722 | 1.446 | 0.0 | 41.664 | 1.1 | 0.0 | 42.638 | 1.51 | 0.0 | 49.148 | 1.225 | 0.0 | 47.27 | 1.405 | 0.0 | 41.796 | 1.105 | 0.0 | 42.21 | 1.288 |
| 195 | 14609 | 14610 | NS | 1 | 0.0 | 50.452 | 0.827 | 0.0 | 49.162 | 1.478 | 0.0 | 39.854 | 0.91 | 0.0 | 43.31 | 1.512 | 0.0 | 49.425 | 0.829 | 0.0 | 48.386 | 1.381 | 0.0 | 37.928 | 0.859 | 0.0 | 42.138 | 1.287 |
| 196 | 14609 | 14610 | SN | 1 | 0.0 | 43.564 | 1.09 | 0.0 | 46.916 | 1.303 | 0.0 | 40.462 | 0.988 | 0.0 | 41.172 | 1.391 | 0.0 | 43.861 | 1.085 | 0.0 | 47.836 | 1.206 | 0.0 | 41.0 | 0.948 | 0.0 | 38.47 | 1.208 |
| 197 | 14609 | 14610 | SN | 1 | 0.0 | 49.456 | 1.103 | 0.0 | 47.909 | 1.31 | 0.0 | 42.077 | 1.013 | 0.0 | 43.659 | 1.377 | 0.0 | 49.885 | 1.096 | 0.0 | 47.859 | 1.22 | 0.0 | 41.023 | 0.928 | 0.0 | 45.933 | 1.201 |
| 198 | 14609 | 14610 | NS | 1 | 0.0 | 48.282 | 3.125 | 0.0 | 52.624 | 4.224 | 0.0 | 42.518 | 3.028 | 0.0 | 40.703 | 4.581 | 0.0 | 48.857 | 3.136 | 0.0 | 54.247 | 4.09 | 0.0 | 43.998 | 2.912 | 0.0 | 38.86 | 4.133 |
| 199 | 14609 | 14610 | SN | 1 | 0.0 | 53.28 | 4.012 | 0.724 | 52.598 | 4.337 | 0.0 | 46.71 | 3.954 | 0.0 | 46.668 | 4.469 | 0.0 | 53.98 | 4.103 | 0.34 | 55.02 | 4.012 | 0.0 | 45.613 | 3.684 | 0.0 | 44.123 | 3.928 |
| 200 | 14609 | 14610 | SN | 1 | 0.0 | 53.163 | 4.083 | 0.724 | 52.734 | 4.307 | 0.0 | 45.21 | 3.989 | 0.0 | 46.367 | 4.412 | 0.0 | 53.551 | 4.143 | 0.34 | 55.154 | 4.002 | 0.0 | 44.599 | 3.719 | 0.0 | 45.056 | 3.893 |
| 201 | 14609 | 14610 | NS | 1 | 0.0 | 48.282 | 3.073 | 0.0 | 52.624 | 4.149 | 0.0 | 42.518 | 2.985 | 0.0 | 40.703 | 4.492 | 0.0 | 48.857 | 3.083 | 0.0 | 54.247 | 4.017 | 0.0 | 43.998 | 2.871 | 0.0 | 38.86 | 4.059 |
| 202 | 14609 | 14610 | NS | 1 | 0.0 | 50.452 | 0.84 | 0.0 | 49.162 | 1.503 | 0.0 | 39.854 | 0.924 | 0.0 | 43.31 | 1.537 | 0.0 | 49.425 | 0.843 | 0.0 | 48.386 | 1.404 | 0.0 | 37.928 | 0.871 | 0.0 | 42.138 | 1.308 |
| 203 | 14610 | 14611 | NS | 1 | 0.0 | 45.827 | 2.012 | 0.0 | 46.938 | 2.576 | 0.0 | 39.04 | 2.056 | 0.0 | 41.057 | 2.701 | 0.0 | 45.0 | 2.012 | 0.0 | 44.435 | 2.619 | 0.0 | 37.408 | 2.125 | 0.0 | 39.447 | 2.772 |
| 204 | 14610 | 14611 | NS | 1 | 0.0 | 44.568 | 6.332 | 0.0 | 43.658 | 8.312 | 0.0 | 41.034 | 7.138 | 0.0 | 40.386 | 8.105 | 0.0 | 44.291 | 6.608 | 0.0 | 43.429 | 8.429 | 0.0 | 41.18 | 7.123 | 0.0 | 39.405 | 8.576 |
| 205 | 14610 | 14611 | NS | 1 | 0.0 | 44.568 | 6.034 | 0.0 | 43.658 | 7.912 | 0.0 | 41.034 | 6.779 | 0.0 | 40.386 | 7.711 | 0.0 | 44.291 | 6.298 | 0.0 | 43.429 | 8.023 | 0.0 | 41.18 | 6.772 | 0.0 | 39.405 | 8.159 |
| 206 | 14610 | 14611 | NS | 1 | 0.0 | 44.568 | 6.034 | 0.0 | 43.658 | 7.912 | 0.0 | 41.034 | 6.779 | 0.0 | 40.386 | 7.711 | 0.0 | 44.291 | 6.298 | 0.0 | 43.429 | 8.023 | 0.0 | 41.18 | 6.772 | 0.0 | 39.405 | 8.159 |
| 207 | 14610 | 14611 | SN | 1 | 0.0 | 44.309 | 3.039 | 0.257 | 49.719 | 3.027 | 0.0 | 40.743 | 3.563 | 0.0 | 47.188 | 4.227 | 0.0 | 43.937 | 2.958 | 0.785 | 48.111 | 2.702 | 0.0 | 39.644 | 3.471 | 0.0 | 44.188 | 3.665 |
| 208 | 14610 | 14611 | SN | 1 | 0.0 | 42.925 | 3.059 | 0.257 | 52.112 | 3.027 | 0.0 | 40.765 | 3.499 | 0.0 | 46.589 | 4.291 | 0.0 | 43.453 | 2.978 | 0.785 | 51.219 | 2.712 | 0.0 | 39.664 | 3.421 | 0.0 | 44.7 | 3.658 |
| 209 | 14610 | 14611 | NS | 1 | 0.0 | 45.827 | 2.111 | 0.0 | 46.938 | 2.703 | 0.0 | 39.04 | 2.16 | 0.0 | 41.057 | 2.835 | 0.0 | 45.0 | 2.113 | 0.0 | 44.435 | 2.755 | 0.0 | 37.408 | 2.236 | 0.0 | 39.447 | 2.909 |
| 210 | 14610 | 14611 | NS | 1 | 0.0 | 45.827 | 2.012 | 0.0 | 46.938 | 2.576 | 0.0 | 39.04 | 2.056 | 0.0 | 41.057 | 2.701 | 0.0 | 45.0 | 2.012 | 0.0 | 44.435 | 2.619 | 0.0 | 37.408 | 2.125 | 0.0 | 39.447 | 2.772 |
| 211 | 14610 | 14611 | SN | 1 | 0.0 | 40.276 | 0.794 | 0.0 | 47.614 | 0.937 | 0.0 | 43.076 | 1.109 | 0.0 | 46.859 | 1.322 | 0.0 | 41.367 | 0.783 | 0.0 | 46.373 | 0.767 | 0.0 | 40.728 | 1.018 | 0.0 | 42.319 | 1.164 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|--------|-------|-------|--------|--------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|--------|-----|--------|-------|-----|--------|-------|
| 212 | 14610 | 14611 | SN | 1 | 0.0 | 40.228 | 0.814 | 0.0 | 47.375 | 0.923 | 0.0 | 45.482 | 1.13 | 0.0 | 42.736 | 1.35 | 0.0 | 40.529 | 0.796 | 0.0 | 46.373 | 0.756 | 0.0 | 42.062 | 1.04 | 0.0 | 38.188 | 1.162 |
| 213 | 14611 | 14612 | SN | 1 | 0.0 | 37.454 | 1.033 | 0.0 | 41.501 | 1.547 | 0.0 | 36.845 | 1.424 | 0.0 | 37.62 | 1.918 | 0.0 | 36.869 | 1.015 | 0.0 | 40.688 | 1.393 | 0.0 | 37.483 | 1.34 | 0.0 | 36.047 | 1.726 |
| 214 | 14611 | 14612 | NS | 1 | 0.0 | 53.003 | 2.403 | 0.0 | 41.91 | 3.294 | 0.0 | 40.012 | 2.464 | 0.0 | 40.077 | 3.351 | 0.0 | 53.219 | 2.43 | 0.0 | 41.097 | 3.406 | 0.0 | 39.476 | 2.534 | 0.0 | 38.796 | 3.498 |
| 215 | 14611 | 14612 | NS | 1 | 0.0 | 53.003 | 2.16 | 0.0 | 42.759 | 3.001 | 0.0 | 40.012 | 2.236 | 0.0 | 40.077 | 3.047 | 0.0 | 53.219 | 2.181 | 0.0 | 42.223 | 3.103 | 0.0 | 39.476 | 2.302 | 0.0 | 38.796 | 3.176 |
| 216 | 14611 | 14612 | NS | 1 | 0.0 | 53.003 | 2.16 | 0.0 | 42.759 | 3.001 | 0.0 | 40.012 | 2.236 | 0.0 | 40.077 | 3.047 | 0.0 | 53.219 | 2.181 | 0.0 | 42.223 | 3.103 | 0.0 | 39.476 | 2.302 | 0.0 | 38.796 | 3.176 |
| 217 | 14611 | 14612 | SN | 1 | 0.0 | 43.344 | 3.92 | 0.0 | 41.908 | 4.689 | 0.0 | 37.915 | 4.328 | 0.0 | 39.688 | 5.171 | 0.0 | 43.55 | 4.092 | 0.0 | 41.235 | 4.557 | 0.0 | 36.214 | 4.47 | 0.0 | 38.374 | 4.822 |
| 218 | 14611 | 14612 | SN | 1 | 0.0 | 43.344 | 3.93 | 0.0 | 41.908 | 4.669 | 0.0 | 38.058 | 4.349 | 0.0 | 39.688 | 5.199 | 0.0 | 43.55 | 4.102 | 0.0 | 41.235 | 4.567 | 0.0 | 36.214 | 4.477 | 0.0 | 38.421 | 4.836 |
| 219 | 14611 | 14612 | NS | 1 | 0.0 | 46.967 | 6.909 | 0.0 | 51.695 | 9.423 | 0.0 | 43.721 | 6.769 | 0.0 | 45.604 | 8.586 | 0.0 | 46.335 | 7.02 | 0.0 | 50.388 | 9.676 | 0.0 | 44.226 | 7.125 | 0.0 | 45.443 | 9.069 |
| 220 | 14611 | 14612 | NS | 1 | 0.0 | 46.967 | 6.909 | 0.0 | 51.695 | 9.423 | 0.0 | 43.721 | 6.769 | 0.0 | 45.604 | 8.586 | 0.0 | 46.335 | 7.02 | 0.0 | 50.388 | 9.676 | 0.0 | 44.226 | 7.125 | 0.0 | 45.443 | 9.069 |
| 221 | 14611 | 14612 | NS | 1 | 0.0 | 46.967 | 7.606 | 0.0 | 51.695 | 10.381 | 0.0 | 43.721 | 7.481 | 0.0 | 45.604 | 9.41 | 0.0 | 46.335 | 7.729 | 0.0 | 50.388 | 10.649 | 0.0 | 44.226 | 7.872 | 0.0 | 45.443 | 9.989 |
| 222 | 14611 | 14612 | SN | 1 | 0.0 | 37.454 | 1.033 | 0.0 | 41.501 | 1.556 | 0.0 | 36.845 | 1.424 | 0.0 | 37.62 | 1.913 | 0.0 | 36.869 | 1.019 | 0.0 | 40.688 | 1.4 | 0.0 | 37.483 | 1.344 | 0.0 | 36.667 | 1.726 |
| 223 | 14612 | 14613 | SN | 1 | 0.0 | 52.295 | 4.765 | 0.0 | 47.615 | 5.832 | 0.0 | 46.435 | 5.699 | 0.0 | 43.424 | 6.165 | 0.0 | 53.504 | 4.748 | 0.0 | 48.928 | 5.675 | 0.0 | 47.05 | 5.579 | 0.0 | 42.162 | 5.768 |
| 224 | 14612 | 14613 | NS | 1 | 0.0 | 51.325 | 7.832 | 0.514 | 49.365 | 9.486 | 0.0 | 50.019 | 7.158 | 0.0 | 51.272 | 9.2 | 0.0 | 50.53 | 7.832 | 0.414 | 51.556 | 8.998 | 0.0 | 49.218 | 7.334 | 0.0 | 52.2 | 9.209 |
| 225 | 14612 | 14613 | SN | 1 | 0.0 | 47.132 | 1.392 | 0.0 | 45.304 | 1.649 | 0.0 | 48.788 | 1.687 | 0.0 | 37.284 | 1.829 | 0.0 | 46.668 | 1.436 | 0.0 | 44.736 | 1.483 | 0.0 | 46.81 | 1.7 | 0.0 | 35.329 | 1.579 |
| 226 | 14612 | 14613 | SN | 1 | 0.0 | 40.027 | 1.261 | 0.0 | 39.852 | 0.781 | 0.0 | 48.788 | 1.44 | 0.0 | 35.412 | 0.844 | 0.0 | 39.696 | 1.309 | 0.0 | 40.395 | 0.638 | 0.0 | 46.81 | 1.486 | 0.0 | 34.551 | 0.567 |
| 227 | 14612 | 14613 | NS | 1 | 0.0 | 47.442 | 6.704 | 0.514 | 49.365 | 8.09 | 0.0 | 49.807 | 6.355 | 0.0 | 51.272 | 7.884 | 0.0 | 47.702 | 6.724 | 0.414 | 51.554 | 7.653 | 0.0 | 49.004 | 6.412 | 0.0 | 52.2 | 7.842 |
| 228 | 14612 | 14613 | NS | 1 | 0.0 | 48.404 | 2.191 | 0.0 | 44.974 | 2.53 | 0.0 | 45.715 | 1.827 | 0.0 | 41.958 | 2.537 | 0.0 | 50.022 | 2.24 | 0.0 | 42.893 | 2.439 | 0.0 | 48.737 | 1.843 | 0.0 | 42.778 | 2.476 |
| 229 | 14612 | 14613 | SN | 1 | 0.0 | 52.295 | 4.871 | 0.0 | 38.808 | 2.451 | 0.0 | 43.644 | 5.402 | 0.0 | 35.839 | 2.764 | 0.0 | 53.504 | 4.839 | 0.0 | 38.002 | 2.286 | 0.0 | 46.178 | 5.242 | 0.0 | 34.357 | 2.233 |
| 230 | 14612 | 14613 | SN | 1 | 0.0 | 42.642 | 1.524 | 0.0 | 45.697 | 1.888 | 0.0 | 41.289 | 1.535 | 0.0 | 44.886 | 2.015 | 0.0 | 42.806 | 1.542 | 0.0 | 44.61 | 1.777 | 0.0 | 41.657 | 1.618 | 0.0 | 41.482 | 1.969 |
| 231 | 14612 | 14613 | NS | 1 | 0.0 | 51.325 | 6.714 | 0.514 | 49.365 | 8.13 | 0.0 | 50.019 | 6.313 | 0.0 | 51.272 | 7.913 | 0.0 | 50.53 | 6.714 | 0.414 | 51.556 | 7.674 | 0.0 | 49.218 | 6.441 | 0.0 | 52.2 | 7.87 |
| 232 | 14612 | 14613 | NS | 1 | 0.0 | 48.401 | 2.186 | 0.0 | 44.974 | 2.532 | 0.0 | 45.715 | 1.818 | 0.0 | 41.958 | 2.542 | 0.0 | 50.02 | 2.242 | 0.0 | 42.893 | 2.435 | 0.0 | 48.737 | 1.829 | 0.0 | 42.778 | 2.483 |
| 233 | 14612 | 14613 | NS | 1 | 0.0 | 48.404 | 2.511 | 0.0 | 44.974 | 2.828 | 0.0 | 45.715 | 2.16 | 0.0 | 41.958 | 2.82 | 0.0 | 50.022 | 2.563 | 0.0 | 42.893 | 2.719 | 0.0 | 48.737 | 2.197 | 0.0 | 42.778 | 2.747 |
| 234 | 14612 | 14613 | NS | 1 | 0.0 | 48.404 | 2.539 | 0.0 | 44.974 | 2.957 | 0.0 | 45.715 | 2.076 | 0.0 | 41.958 | 2.966 | 0.0 | 50.022 | 2.592 | 0.0 | 42.893 | 2.843 | 0.0 | 48.737 | 2.107 | 0.0 | 42.778 | 2.895 |
| 235 | 14612 | 14613 | SN | 1 | 0.0 | 48.415 | 5.419 | 0.0 | 51.292 | 5.968 | 0.0 | 41.89 | 5.484 | 0.0 | 40.155 | 6.443 | 0.0 | 48.718 | 5.419 | 0.0 | 48.27 | 5.927 | 0.0 | 43.743 | 5.505 | 0.0 | 41.715 | 6.472 |
| 236 | 14612 | 14613 | NS | 1 | 0.0 | 51.325 | 7.727 | 0.0 | 49.365 | 9.086 | 0.0 | 50.019 | 7.34 | 0.0 | 51.272 | 8.764 | 0.0 | 50.53 | 7.727 | 0.0 | 51.556 | 8.587 | 0.0 | 49.218 | 7.52 | 0.0 | 52.2 | 8.756 |

| | | | | | |
|--------------------------|------------|------|--------|--------|------------|
| 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 | 14584 | 14585 | SN | 1 | 0.0 | 22.132 | 5.965 | 0.0 | 227.047 | 7.418 | 0.0 | 129.669 | 2.351 | 0.0 | 12.911 | 3.252 | 0.0 | 1.422 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.13 | 0.0 |
| 2 | 14584 | 14585 | SN | 1 | 0.0 | 22.132 | 5.906 | 0.0 | 227.047 | 7.423 | 0.0 | 129.669 | 2.324 | 0.0 | 64.614 | 3.376 | 0.0 | 1.422 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.13 | 0.0 |
| 3 | 14584 | 14585 | SN | 1 | 0.0 | 22.132 | 5.906 | 0.0 | 227.047 | 7.423 | 0.0 | 129.669 | 2.324 | 0.0 | 64.614 | 3.376 | 0.0 | 1.422 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.13 | 0.0 |
| 4 | 14584 | 14585 | SN | 1 | 0.0 | 28.242 | 12.84 | 0.678 | 25.7 | 12.879 | 0.0 | 131.527 | 11.34 | 0.0 | 17.179 | 13.075 | 0.0 | 1.437 | 0.0 | 0.001 | 1.776 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 2.125 | 0.0 |
| 5 | 14584 | 14585 | SN | 1 | 0.0 | 28.242 | 12.815 | 0.678 | 25.7 | 13.164 | 0.0 | 131.527 | 11.202 | 0.0 | 68.827 | 13.549 | 0.0 | 1.437 | 0.0 | 0.001 | 1.776 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 2.125 | 0.0 |
| 6 | 14584 | 14585 | NS | 1 | 0.0 | 257.096 | 6.23 | 0.0 | 24.636 | 6.843 | 0.0 | 352.191 | 2.34 | 0.0 | 62.463 | 3.049 | 0.0 | 1.423 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.132 | 0.0 |
| 7 | 14584 | 14585 | NS | 1 | 0.0 | 270.674 | 10.176 | 0.0 | 29.952 | 14.441 | 0.0 | 356.515 | 10.09 | 0.0 | 83.701 | 12.823 | 0.0 | 1.408 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.132 | 0.0 |
| 8 | 14584 | 14585 | SN | 1 | 0.0 | 28.242 | 12.815 | 0.678 | 25.7 | 13.164 | 0.0 | 131.527 | 11.202 | 0.0 | 68.827 | 13.549 | 0.0 | 1.437 | 0.0 | 0.001 | 1.776 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 2.125 | 0.0 |
| 9 | 14585 | 14586 | SN | 1 | 0.0 | 28.402 | 12.856 | 0.673 | 220.013 | 13.174 | 0.0 | 130.992 | 11.208 | 0.0 | 69.847 | 13.492 | 0.0 | 1.435 | 0.0 | 0.001 | 1.777 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.128 | 0.0 |
| 10 | 14585 | 14586 | NS | 1 | 0.0 | 24.74 | 6.192 | 0.0 | 24.63 | 6.85 | 0.0 | 352.626 | 2.282 | 0.0 | 63.334 | 2.998 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.132 | 0.0 |
| 11 | 14585 | 14586 | NS | 1 | 0.0 | 24.74 | 6.181 | 0.0 | 24.636 | 6.869 | 0.0 | 166.23 | 2.297 | 0.0 | 56.369 | 3.011 | 0.0 | 1.422 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.13 | 0.0 |
| 12 | 14585 | 14586 | SN | 1 | 0.0 | 28.402 | 12.861 | 0.673 | 220.013 | 13.014 | 0.0 | 130.992 | 11.287 | 0.0 | 20.648 | 13.234 | 0.0 | 1.435 | 0.0 | 0.001 | 1.777 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.128 | 0.0 |
| 13 | 14585 | 14586 | NS | 1 | 0.0 | 24.106 | 10.215 | 0.0 | 29.952 | 14.512 | 0.0 | 356.669 | 10.018 | 0.0 | 84.793 | 12.83 | 0.0 | 1.407 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.132 | 0.0 |
| 14 | 14585 | 14586 | NS | 1 | 0.0 | 24.106 | 10.273 | 0.0 | 29.952 | 14.565 | 0.0 | 229.675 | 10.036 | 0.0 | 76.587 | 12.857 | 0.0 | 1.406 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.132 | 0.0 |
| 15 | 14585 | 14586 | SN | 1 | 0.0 | 22.126 | 5.941 | 0.0 | 194.986 | 7.429 | 0.0 | 129.178 | 2.31 | 0.0 | 15.034 | 3.297 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.13 | 0.0 |
| 16 | 14585 | 14586 | SN | 1 | 0.0 | 22.126 | 5.911 | 0.0 | 194.986 | 7.435 | 0.0 | 129.178 | 2.296 | 0.0 | 65.353 | 3.395 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.13 | 0.0 |
| 17 | 14585 | 14586 | SN | 1 | 0.0 | 22.126 | 5.941 | 0.0 | 194.986 | 7.425 | 0.0 | 129.178 | 2.309 | 0.0 | 13.672 | 3.294 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.13 | 0.0 |
| 18 | 14585 | 14586 | SN | 1 | 0.0 | 28.402 | 12.861 | 0.673 | 220.013 | 13.014 | 0.0 | 130.992 | 11.294 | 0.0 | 20.648 | 13.234 | 0.0 | 1.435 | 0.0 | 0.001 | 1.777 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.128 | 0.0 |
| 19 | 14586 | 14587 | NS | 1 | 0.0 | 24.746 | 6.178 | 0.0 | 24.63 | 6.872 | 0.0 | 256.914 | 2.261 | 0.0 | 50.865 | 3.006 | 0.0 | 1.424 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.132 | 0.0 |
| 20 | 14586 | 14587 | SN | 1 | 0.0 | 27.922 | 12.822 | 0.0 | 25.766 | 13.123 | 0.0 | 151.282 | 11.231 | 0.0 | 73.024 | 13.5 | 0.0 | 1.437 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.13 | 0.0 |
| 21 | 14586 | 14587 | SN | 1 | 0.0 | 27.922 | 12.834 | 0.0 | 25.766 | 12.975 | 0.0 | 151.282 | 11.332 | 0.0 | 18.955 | 13.162 | 0.0 | 1.437 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.13 | 0.0 |
| 22 | 14586 | 14587 | SN | 1 | 0.0 | 22.121 | 5.908 | 0.0 | 24.316 | 7.437 | 0.0 | 146.837 | 2.274 | 0.0 | 118.476 | 3.391 | 0.0 | 1.424 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.13 | 0.0 |
| 23 | 14586 | 14587 | SN | 1 | 0.0 | 22.121 | 5.908 | 0.0 | 24.316 | 7.437 | 0.0 | 146.837 | 2.274 | 0.0 | 118.476 | 3.391 | 0.0 | 1.424 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.13 | 0.0 |
| 24 | 14586 | 14587 | SN | 1 | 0.0 | 27.922 | 12.822 | 0.0 | 25.766 | 13.123 | 0.0 | 151.282 | 11.231 | 0.0 | 73.024 | 13.5 | 0.0 | 1.437 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.13 | 0.0 |
| 25 | 14586 | 14587 | NS | 1 | 0.0 | 264.086 | 10.262 | 0.0 | 29.957 | 14.613 | 0.0 | 271.396 | 9.984 | 0.0 | 36.741 | 12.769 | 0.0 | 1.407 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.132 | 0.0 |
| 26 | 14586 | 14587 | NS | 1 | 0.0 | 264.086 | 10.262 | 0.0 | 29.957 | 14.613 | 0.0 | 271.396 | 9.984 | 0.0 | 36.741 | 12.769 | 0.0 | 1.407 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.132 | 0.0 |
| 27 | 14586 | 14587 | NS | 1 | 0.0 | 24.746 | 6.178 | 0.0 | 24.63 | 6.872 | 0.0 | 256.914 | 2.261 | 0.0 | 50.865 | 3.006 | 0.0 | 1.424 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.132 | 0.0 |
| 28 | 14586 | 14587 | SN | 1 | 0.0 | 22.121 | 5.946 | 0.0 | 24.316 | 7.432 | 0.0 | 146.837 | 2.288 | 0.0 | 13.578 | 3.271 | 0.0 | 1.424 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.13 | 0.0 |
| 29 | 14587 | 14588 | NS | 1 | 0.0 | 271.818 | 6.188 | 0.0 | 24.63 | 6.876 | 0.0 | 349.202 | 2.308 | 0.0 | 47.026 | 2.993 | 0.0 | 1.424 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.132 | 0.0 |
| 30 | 14587 | 14588 | NS | 1 | 0.0 | 262.15 | 10.383 | 0.0 | 29.946 | 14.562 | 0.0 | 268.68 | 10.182 | 0.0 | 37.397 | 12.826 | 0.0 | 1.407 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.132 | 0.0 |
| 31 | 14587 | 14588 | NS | 1 | 0.0 | 262.133 | 10.296 | 0.827 | 29.946 | 14.576 | 0.0 | 268.729 | 10.23 | 0.0 | 70.636 | 12.839 | 0.0 | 1.407 | 0.0 | 0.001 | 1.777 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.13 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-----|---------|--------|-------|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-------|-------|-----|-----|-------|-----|-----|-------|-----|
| 32 | 14587 | 14588 | SN | 1 | 0.0 | 28.011 | 12.852 | 0.0 | 86.875 | 13.174 | 0.0 | 178.995 | 11.281 | 0.0 | 73.984 | 13.465 | 0.0 | 1.437 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.13 | 0.0 |
| 33 | 14587 | 14588 | SN | 1 | 0.0 | 28.011 | 12.852 | 0.0 | 86.875 | 13.174 | 0.0 | 178.995 | 11.281 | 0.0 | 73.984 | 13.465 | 0.0 | 1.437 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.13 | 0.0 |
| 34 | 14587 | 14588 | SN | 1 | 0.0 | 28.011 | 12.868 | 0.0 | 86.875 | 12.921 | 0.0 | 178.995 | 11.428 | 0.0 | 17.223 | 12.974 | 0.0 | 1.437 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.13 | 0.0 |
| 35 | 14587 | 14588 | SN | 1 | 0.0 | 22.099 | 5.937 | 0.0 | 114.828 | 7.451 | 0.0 | 178.719 | 2.27 | 0.0 | 49.061 | 3.355 | 0.0 | 1.423 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.135 | 0.0 |
| 36 | 14587 | 14588 | SN | 1 | 0.0 | 22.099 | 5.937 | 0.0 | 114.828 | 7.451 | 0.0 | 178.719 | 2.27 | 0.0 | 49.061 | 3.355 | 0.0 | 1.423 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.135 | 0.0 |
| 37 | 14587 | 14588 | SN | 1 | 0.0 | 22.099 | 5.998 | 0.0 | 114.828 | 7.442 | 0.0 | 178.719 | 2.292 | 0.0 | 12.916 | 3.217 | 0.0 | 1.423 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.135 | 0.0 |
| 38 | 14587 | 14588 | NS | 1 | 0.0 | 271.834 | 6.178 | 0.0 | 24.63 | 6.89 | 0.0 | 265.966 | 2.312 | 0.0 | 57.604 | 2.988 | 0.0 | 1.424 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.131 | 0.0 |
| 39 | 14588 | 14589 | SN | 1 | 0.0 | 22.126 | 6.028 | 0.0 | 24.316 | 7.469 | 0.0 | 202.748 | 2.334 | 0.0 | 12.922 | 3.206 | 0.0 | 1.423 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.13 | 0.0 |
| 40 | 14588 | 14589 | SN | 1 | 0.0 | 22.126 | 5.949 | 0.0 | 24.316 | 7.473 | 0.0 | 202.748 | 2.286 | 0.0 | 55.922 | 3.358 | 0.0 | 1.423 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.13 | 0.0 |
| 41 | 14588 | 14589 | NS | 1 | 0.0 | 141.94 | 10.321 | 0.0 | 29.957 | 14.565 | 0.0 | 327.484 | 10.033 | 0.0 | 85.229 | 12.878 | 0.0 | 1.406 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.132 | 0.0 |
| 42 | 14588 | 14589 | NS | 1 | 0.0 | 198.069 | 6.165 | 0.0 | 24.63 | 6.86 | 0.0 | 284.527 | 2.275 | 0.0 | 52.867 | 3.018 | 0.0 | 1.422 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.132 | 0.0 |
| 43 | 14588 | 14589 | SN | 1 | 0.0 | 22.126 | 5.949 | 0.0 | 24.316 | 7.473 | 0.0 | 202.748 | 2.286 | 0.0 | 55.922 | 3.358 | 0.0 | 1.423 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.13 | 0.0 |
| 44 | 14588 | 14589 | SN | 1 | 0.0 | 27.878 | 12.852 | 0.0 | 25.777 | 13.143 | 0.0 | 195.948 | 11.266 | 0.0 | 75.429 | 13.522 | 0.0 | 1.437 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.131 | 0.0 |
| 45 | 14588 | 14589 | SN | 1 | 0.0 | 27.878 | 12.852 | 0.0 | 25.777 | 13.143 | 0.0 | 195.948 | 11.266 | 0.0 | 75.429 | 13.522 | 0.0 | 1.437 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.131 | 0.0 |
| 46 | 14588 | 14589 | NS | 1 | 0.0 | 170.229 | 6.158 | 0.0 | 24.63 | 6.852 | 0.0 | 315.08 | 2.276 | 0.0 | 46.662 | 3.021 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.133 | 0.0 |
| 47 | 14588 | 14589 | SN | 1 | 0.0 | 27.878 | 12.894 | 0.0 | 25.777 | 12.785 | 0.0 | 195.948 | 11.512 | 0.0 | 15.541 | 12.844 | 0.0 | 1.437 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.131 | 0.0 |
| 48 | 14588 | 14589 | NS | 1 | 0.0 | 240.101 | 10.247 | 0.745 | 29.957 | 14.545 | 0.0 | 327.484 | 10.102 | 0.0 | 73.691 | 12.86 | 0.0 | 1.406 | 0.0 | 0.001 | 1.778 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.131 | 0.0 |
| 49 | 14589 | 14590 | NS | 1 | 0.0 | 24.735 | 6.144 | 0.0 | 24.63 | 6.856 | 0.0 | 332.458 | 2.288 | 0.0 | 66.55 | 3.015 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.132 | 0.0 |
| 50 | 14589 | 14590 | SN | 1 | 0.0 | 22.137 | 5.915 | 0.0 | 242.63 | 7.432 | 0.0 | 201.904 | 2.296 | 0.0 | 45.366 | 3.347 | 0.0 | 1.423 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.13 | 0.0 |
| 51 | 14589 | 14590 | SN | 1 | 0.0 | 22.137 | 6.01 | 0.0 | 24.299 | 7.422 | 0.0 | 202.036 | 2.38 | 0.0 | 12.922 | 3.192 | 0.0 | 1.423 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.131 | 0.0 |
| 52 | 14589 | 14590 | NS | 1 | 0.0 | 24.735 | 6.14 | 0.0 | 24.63 | 6.849 | 0.0 | 327.23 | 2.276 | 0.0 | 60.224 | 3.021 | 0.0 | 1.423 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.132 | 0.0 |
| 53 | 14589 | 14590 | NS | 1 | 0.0 | 24.189 | 10.27 | 0.0 | 29.952 | 14.515 | 0.0 | 336.969 | 10.089 | 0.0 | 86.983 | 12.886 | 0.0 | 1.406 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.132 | 0.0 |
| 54 | 14589 | 14590 | SN | 1 | 0.0 | 27.983 | 12.85 | 0.0 | 148.5 | 13.092 | 0.0 | 200.498 | 11.241 | 0.0 | 70.669 | 13.536 | 0.0 | 1.436 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.13 | 0.0 |
| 55 | 14589 | 14590 | SN | 1 | 0.0 | 27.994 | 12.903 | 0.0 | 25.783 | 12.65 | 0.0 | 200.625 | 11.654 | 0.0 | 33.407 | 12.719 | 0.0 | 1.436 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.13 | 0.0 |
| 56 | 14589 | 14590 | NS | 1 | 0.0 | 24.106 | 10.205 | 0.745 | 29.952 | 14.505 | 0.0 | 335.376 | 10.151 | 0.0 | 87.336 | 12.832 | 0.0 | 1.406 | 0.0 | 0.001 | 1.777 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.133 | 0.0 |
| 57 | 14590 | 14591 | NS | 1 | 0.0 | 24.735 | 6.184 | 0.0 | 24.63 | 6.86 | 0.0 | 314.396 | 2.308 | 0.0 | 49.343 | 3.048 | 0.0 | 1.423 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.131 | 0.0 |
| 58 | 14590 | 14591 | SN | 1 | 0.0 | 22.11 | 5.922 | 0.0 | 63.58 | 7.437 | 0.0 | 145.293 | 2.293 | 0.0 | 248.101 | 3.356 | 0.0 | 1.422 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.13 | 0.0 |
| 59 | 14590 | 14591 | SN | 1 | 0.0 | 28.237 | 12.885 | 0.0 | 25.711 | 13.147 | 0.0 | 153.433 | 11.217 | 0.0 | 215.926 | 13.56 | 0.0 | 1.435 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.13 | 0.0 |
| 60 | 14590 | 14591 | NS | 1 | 0.0 | 24.134 | 10.196 | 0.827 | 29.963 | 14.495 | 0.0 | 352.196 | 10.123 | 0.0 | 76.675 | 12.882 | 0.0 | 1.406 | 0.0 | 0.001 | 1.777 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.131 | 0.0 |
| 61 | 14591 | 14592 | SN | 1 | 0.0 | 28.358 | 12.972 | 0.0 | 25.485 | 12.429 | 0.0 | 151.326 | 11.916 | 0.0 | 141.259 | 12.468 | 0.0 | 1.436 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.129 | 0.0 |
| 62 | 14591 | 14592 | NS | 1 | 0.0 | 97.067 | 10.176 | 0.827 | 29.985 | 14.505 | 0.0 | 350.961 | 10.123 | 0.0 | 78.694 | 12.832 | 0.0 | 1.406 | 0.0 | 0.001 | 1.778 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.132 | 0.0 |
| 63 | 14591 | 14592 | SN | 1 | 0.0 | 22.115 | 5.913 | 0.0 | 24.31 | 7.422 | 0.0 | 143.6 | 2.29 | 0.0 | 97.492 | 3.327 | 0.0 | 1.423 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.13 | 0.0 |
| 64 | 14591 | 14592 | SN | 1 | 0.0 | 22.115 | 6.13 | 0.0 | 24.31 | 7.41 | 0.0 | 143.6 | 2.513 | 0.0 | 97.492 | 3.248 | 0.0 | 1.423 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.13 | 0.0 |
| 65 | 14591 | 14592 | NS | 1 | 0.0 | 159.497 | 6.229 | 0.0 | 24.652 | 6.849 | 0.0 | 140.216 | 2.287 | 0.0 | 58.001 | 3.053 | 0.0 | 1.422 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.132 | 0.0 |
| 66 | 14591 | 14592 | NS | 1 | 0.0 | 206.167 | 6.227 | 0.0 | 24.652 | 6.854 | 0.0 | 140.277 | 2.287 | 0.0 | 50.573 | 3.053 | 0.0 | 1.421 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.131 | 0.0 |
| 67 | 14591 | 14592 | SN | 1 | 0.0 | 22.115 | 5.913 | 0.0 | 24.31 | 7.422 | 0.0 | 143.6 | 2.29 | 0.0 | 97.492 | 3.327 | 0.0 | 1.423 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.13 | 0.0 |
| 68 | 14591 | 14592 | NS | 1 | 0.0 | 219.191 | 10.216 | 0.827 | 29.98 | 14.495 | 0.0 | 350.944 | 10.102 | 0.0 | 78.594 | 12.854 | 0.0 | 1.405 | 0.0 | 0.001 | 1.778 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.132 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|-------|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-------|-------|-----|-----|-------|-----|-----|-------|-----|
| 69 | 14591 | 14592 | SN | 1 | 0.0 | 28.358 | 12.866 | 0.0 | 25.678 | 13.178 | 0.0 | 151.326 | 11.195 | 0.0 | 141.259 | 13.553 | 0.0 | 1.436 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.129 | 0.0 |
| 70 | 14591 | 14592 | SN | 1 | 0.0 | 28.358 | 12.866 | 0.0 | 25.678 | 13.178 | 0.0 | 151.326 | 11.195 | 0.0 | 141.259 | 13.553 | 0.0 | 1.436 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.129 | 0.0 |
| 71 | 14592 | 14593 | NS | 1 | 0.0 | 24.101 | 10.186 | 0.745 | 29.974 | 14.464 | 0.0 | 351.154 | 10.151 | 0.0 | 79.83 | 12.818 | 0.0 | 1.407 | 0.0 | 0.001 | 1.778 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.131 | 0.0 |
| 72 | 14592 | 14593 | NS | 1 | 0.0 | 24.101 | 10.186 | 0.745 | 29.974 | 14.464 | 0.0 | 351.154 | 10.151 | 0.0 | 79.83 | 12.818 | 0.0 | 1.407 | 0.0 | 0.001 | 1.778 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.131 | 0.0 |
| 73 | 14592 | 14593 | NS | 1 | 0.0 | 24.735 | 6.184 | 0.0 | 24.641 | 6.86 | 0.0 | 230.469 | 2.283 | 0.0 | 64.073 | 3.035 | 0.0 | 1.421 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.131 | 0.0 |
| 74 | 14592 | 14593 | SN | 1 | 0.0 | 22.121 | 5.891 | 0.0 | 24.409 | 7.431 | 0.0 | 142.177 | 2.262 | 0.0 | 52.646 | 3.3 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.13 | 0.0 |
| 75 | 14592 | 14593 | SN | 1 | 0.0 | 22.121 | 5.891 | 0.0 | 24.409 | 7.431 | 0.0 | 142.177 | 2.262 | 0.0 | 52.646 | 3.3 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.13 | 0.0 |
| 76 | 14592 | 14593 | SN | 1 | 0.0 | 28.314 | 12.846 | 0.0 | 25.678 | 13.198 | 0.0 | 145.403 | 11.154 | 0.0 | 73.151 | 13.517 | 0.0 | 1.435 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.128 | 0.0 |
| 77 | 14592 | 14593 | SN | 1 | 0.0 | 28.314 | 12.846 | 0.0 | 25.678 | 13.198 | 0.0 | 145.403 | 11.154 | 0.0 | 73.151 | 13.517 | 0.0 | 1.435 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.128 | 0.0 |
| 78 | 14592 | 14593 | NS | 1 | 0.0 | 24.735 | 6.184 | 0.0 | 24.641 | 6.86 | 0.0 | 230.469 | 2.283 | 0.0 | 64.073 | 3.035 | 0.0 | 1.421 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.131 | 0.0 |
| 79 | 14593 | 14594 | NS | 1 | 0.0 | 81.796 | 10.19 | 0.0 | 42.51 | 14.474 | 0.0 | 353.862 | 10.058 | 0.0 | 82.841 | 12.78 | 0.0 | 1.407 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.131 | 0.0 |
| 80 | 14593 | 14594 | NS | 1 | 0.0 | 255.786 | 6.149 | 0.0 | 47.159 | 6.863 | 0.0 | 329.436 | 2.295 | 0.0 | 64.2 | 3.043 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.132 | 0.0 |
| 81 | 14593 | 14594 | NS | 1 | 0.0 | 255.786 | 6.149 | 0.0 | 47.159 | 6.863 | 0.0 | 329.436 | 2.295 | 0.0 | 64.2 | 3.043 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.132 | 0.0 |
| 82 | 14593 | 14594 | NS | 1 | 0.0 | 81.796 | 10.19 | 0.0 | 42.51 | 14.474 | 0.0 | 353.862 | 10.058 | 0.0 | 82.841 | 12.78 | 0.0 | 1.407 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.131 | 0.0 |
| 83 | 14593 | 14594 | SN | 1 | 0.0 | 22.115 | 5.904 | 0.0 | 24.31 | 7.404 | 0.0 | 140.715 | 2.294 | 0.0 | 99.378 | 3.298 | 0.0 | 1.423 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.13 | 0.0 |
| 84 | 14593 | 14594 | SN | 1 | 0.0 | 28.325 | 12.866 | 0.0 | 25.705 | 13.188 | 0.0 | 143.886 | 11.182 | 0.0 | 73.978 | 13.574 | 0.0 | 1.436 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.13 | 0.0 |
| 85 | 14594 | 14595 | SN | 1 | 0.0 | 22.115 | 5.922 | 0.0 | 24.31 | 7.451 | 0.0 | 158.512 | 2.292 | 0.0 | 139.61 | 3.32 | 0.0 | 1.422 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.13 | 0.0 |
| 86 | 14594 | 14595 | NS | 1 | 0.0 | 42.65 | 10.138 | 0.0 | 29.969 | 14.395 | 0.0 | 354.077 | 10.13 | 0.0 | 28.055 | 12.724 | 0.0 | 1.407 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.131 | 0.0 |
| 87 | 14594 | 14595 | NS | 1 | 0.0 | 42.65 | 10.159 | 0.0 | 29.969 | 14.444 | 0.0 | 354.077 | 10.094 | 0.0 | 74.089 | 12.801 | 0.0 | 1.407 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.131 | 0.0 |
| 88 | 14594 | 14595 | SN | 1 | 0.0 | 28.286 | 12.855 | 0.0 | 25.783 | 13.208 | 0.0 | 140.125 | 11.146 | 0.0 | 76.226 | 13.567 | 0.0 | 1.435 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.129 | 0.0 |
| 89 | 14594 | 14595 | NS | 1 | 0.0 | 96.0 | 6.2 | 0.0 | 24.641 | 6.859 | 0.0 | 235.438 | 2.31 | 0.0 | 18.442 | 3.011 | 0.0 | 1.423 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.133 | 0.0 |
| 90 | 14594 | 14595 | NS | 1 | 0.0 | 96.0 | 6.185 | 0.0 | 24.641 | 6.856 | 0.0 | 235.438 | 2.298 | 0.0 | 51.995 | 3.036 | 0.0 | 1.423 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.133 | 0.0 |
| 91 | 14595 | 14596 | SN | 1 | 0.0 | 22.126 | 5.917 | 0.0 | 52.395 | 7.428 | 0.0 | 145.977 | 2.285 | 0.0 | 51.132 | 3.312 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.128 | 0.0 |
| 92 | 14595 | 14596 | NS | 1 | 0.0 | 121.636 | 10.135 | 0.0 | 29.969 | 14.444 | 0.0 | 212.623 | 10.096 | 0.0 | 73.151 | 12.808 | 0.0 | 1.406 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.133 | 0.0 |
| 93 | 14595 | 14596 | SN | 1 | 0.0 | 28.248 | 12.815 | 0.673 | 86.864 | 13.174 | 0.0 | 137.351 | 11.194 | 0.0 | 75.147 | 13.549 | 0.0 | 1.436 | 0.0 | 0.001 | 1.775 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.13 | 0.0 |
| 94 | 14595 | 14596 | SN | 1 | 0.0 | 28.248 | 12.815 | 0.673 | 86.864 | 13.174 | 0.0 | 137.351 | 11.194 | 0.0 | 75.147 | 13.556 | 0.0 | 1.436 | 0.0 | 0.001 | 1.775 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.13 | 0.0 |
| 95 | 14595 | 14596 | SN | 1 | 0.0 | 22.126 | 5.917 | 0.0 | 52.395 | 7.428 | 0.0 | 145.977 | 2.283 | 0.0 | 51.132 | 3.312 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.128 | 0.0 |
| 96 | 14595 | 14596 | NS | 1 | 0.0 | 106.23 | 6.267 | 0.0 | 24.636 | 6.849 | 0.0 | 261.723 | 2.328 | 0.0 | 53.181 | 3.054 | 0.0 | 1.423 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.133 | 0.0 |
| 97 | 14596 | 14597 | SN | 1 | 0.0 | 28.353 | 12.836 | 0.673 | 125.094 | 13.144 | 0.0 | 141.658 | 11.172 | 0.0 | 62.358 | 13.577 | 0.0 | 1.436 | 0.0 | 0.001 | 1.775 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.13 | 0.0 |
| 98 | 14596 | 14597 | NS | 1 | 0.0 | 256.202 | 10.293 | 0.0 | 29.98 | 14.545 | 0.0 | 213.56 | 10.107 | 0.0 | 75.142 | 12.9 | 0.0 | 1.405 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.133 | 0.0 |
| 99 | 14596 | 14597 | SN | 1 | 0.0 | 28.353 | 12.836 | 0.673 | 125.094 | 13.144 | 0.0 | 141.658 | 11.172 | 0.0 | 62.358 | 13.577 | 0.0 | 1.436 | 0.0 | 0.001 | 1.775 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.13 | 0.0 |
| 100 | 14596 | 14597 | SN | 1 | 0.0 | 22.121 | 5.894 | 0.0 | 125.072 | 7.421 | 0.0 | 142.905 | 2.285 | 0.0 | 63.908 | 3.326 | 0.0 | 1.423 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.129 | 0.0 |
| 101 | 14596 | 14597 | NS | 1 | 0.0 | 161.843 | 6.292 | 0.0 | 24.647 | 6.87 | 0.0 | 195.94 | 2.361 | 0.0 | 55.15 | 3.086 | 0.0 | 1.422 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.131 | 0.0 |
| 102 | 14596 | 14597 | SN | 1 | 0.0 | 22.121 | 5.897 | 0.0 | 125.072 | 7.419 | 0.0 | 142.905 | 2.285 | 0.0 | 63.908 | 3.326 | 0.0 | 1.423 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.129 | 0.0 |
| 103 | 14596 | 14597 | NS | 1 | 0.0 | 256.202 | 10.293 | 0.0 | 29.98 | 14.545 | 0.0 | 213.56 | 10.107 | 0.0 | 75.142 | 12.9 | 0.0 | 1.405 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.133 | 0.0 |
| 104 | 14596 | 14597 | NS | 1 | 0.0 | 161.843 | 6.292 | 0.0 | 24.647 | 6.87 | 0.0 | 195.94 | 2.361 | 0.0 | 55.15 | 3.086 | 0.0 | 1.422 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.131 | 0.0 |
| 105 | 14597 | 14598 | NS | 1 | 0.0 | 258.171 | 6.297 | 0.0 | 24.647 | 6.874 | 0.0 | 218.38 | 2.375 | 0.0 | 50.65 | 3.102 | 0.0 | 1.423 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.133 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|-------|---------|--------|-----|---------|--------|-----|--------|--------|-----|-------|-----|-------|-------|-----|-----|-------|-----|-----|-------|-----|
| 106 | 14597 | 14598 | SN | 1 | 0.0 | 28.485 | 12.918 | 0.673 | 25.656 | 12.485 | 0.0 | 127.529 | 11.812 | 0.0 | 14.361 | 12.511 | 0.0 | 1.438 | 0.0 | 0.001 | 1.775 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.13 | 0.0 |
| 107 | 14597 | 14598 | SN | 1 | 0.0 | 28.485 | 12.815 | 0.673 | 25.761 | 13.134 | 0.0 | 127.529 | 11.208 | 0.0 | 69.566 | 13.513 | 0.0 | 1.438 | 0.0 | 0.001 | 1.775 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.13 | 0.0 |
| 108 | 14597 | 14598 | SN | 1 | 0.0 | 22.121 | 5.917 | 0.0 | 24.42 | 7.432 | 0.0 | 127.529 | 2.301 | 0.0 | 65.187 | 3.319 | 0.0 | 1.425 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.128 | 0.0 |
| 109 | 14597 | 14598 | NS | 1 | 0.0 | 218.151 | 10.282 | 0.0 | 29.974 | 14.586 | 0.0 | 164.686 | 10.05 | 0.0 | 71.132 | 12.928 | 0.0 | 1.406 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.133 | 0.0 |
| 110 | 14597 | 14598 | SN | 1 | 0.0 | 22.121 | 6.089 | 0.0 | 24.42 | 7.408 | 0.0 | 127.529 | 2.477 | 0.0 | 12.916 | 3.219 | 0.0 | 1.425 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.128 | 0.0 |
| 111 | 14597 | 14598 | NS | 1 | 0.0 | 218.151 | 10.282 | 0.0 | 29.974 | 14.586 | 0.0 | 164.686 | 10.05 | 0.0 | 71.132 | 12.928 | 0.0 | 1.406 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.133 | 0.0 |
| 112 | 14597 | 14598 | NS | 1 | 0.0 | 258.171 | 6.297 | 0.0 | 24.647 | 6.874 | 0.0 | 218.38 | 2.375 | 0.0 | 50.65 | 3.102 | 0.0 | 1.423 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.133 | 0.0 |
| 113 | 14598 | 14599 | NS | 1 | 0.0 | 24.74 | 6.292 | 0.0 | 24.641 | 6.87 | 0.0 | 153.59 | 2.371 | 0.0 | 57.737 | 3.091 | 0.0 | 1.423 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.133 | 0.0 |
| 114 | 14598 | 14599 | NS | 1 | 0.0 | 211.465 | 10.262 | 0.0 | 29.969 | 14.525 | 0.0 | 163.225 | 10.085 | 0.0 | 70.575 | 12.914 | 0.0 | 1.405 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.133 | 0.0 |
| 115 | 14598 | 14599 | SN | 1 | 0.0 | 22.115 | 5.956 | 0.0 | 234.219 | 7.41 | 0.0 | 143.258 | 2.436 | 0.0 | 78.768 | 3.193 | 0.0 | 1.421 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.13 | 0.0 |
| 116 | 14598 | 14599 | SN | 1 | 0.0 | 22.115 | 5.956 | 0.0 | 234.219 | 7.41 | 0.0 | 143.258 | 2.436 | 0.0 | 78.768 | 3.195 | 0.0 | 1.421 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.13 | 0.0 |
| 117 | 14598 | 14599 | SN | 1 | 0.0 | 28.397 | 12.853 | 0.0 | 171.889 | 13.205 | 0.0 | 157.685 | 11.181 | 0.0 | 73.631 | 13.47 | 0.0 | 1.436 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.129 | 0.0 |
| 118 | 14598 | 14599 | SN | 1 | 0.0 | 22.115 | 5.865 | 0.0 | 234.219 | 7.421 | 0.0 | 143.258 | 2.343 | 0.0 | 78.768 | 3.347 | 0.0 | 1.421 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.13 | 0.0 |
| 119 | 14598 | 14599 | SN | 1 | 0.0 | 28.397 | 12.897 | 0.0 | 171.889 | 12.723 | 0.0 | 157.685 | 11.556 | 0.0 | 14.383 | 12.644 | 0.0 | 1.436 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.129 | 0.0 |
| 120 | 14598 | 14599 | SN | 1 | 0.0 | 28.397 | 12.897 | 0.0 | 171.889 | 12.723 | 0.0 | 157.685 | 11.556 | 0.0 | 14.383 | 12.644 | 0.0 | 1.436 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.129 | 0.0 |
| 121 | 14599 | 14600 | NS | 1 | 0.0 | 200.026 | 10.28 | 0.0 | 29.969 | 14.505 | 0.0 | 216.549 | 10.125 | 0.0 | 71.419 | 12.871 | 0.0 | 1.409 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.133 | 0.0 |
| 122 | 14599 | 14600 | NS | 1 | 0.0 | 265.07 | 6.235 | 0.0 | 24.636 | 6.849 | 0.0 | 210.783 | 2.358 | 0.0 | 58.442 | 3.066 | 0.0 | 1.422 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.133 | 0.0 |
| 123 | 14599 | 14600 | NS | 1 | 0.0 | 265.07 | 6.235 | 0.0 | 24.636 | 6.849 | 0.0 | 210.783 | 2.358 | 0.0 | 58.442 | 3.066 | 0.0 | 1.422 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.133 | 0.0 |
| 124 | 14599 | 14600 | SN | 1 | 0.0 | 22.104 | 5.91 | 0.0 | 224.292 | 7.4 | 0.0 | 172.344 | 2.378 | 0.0 | 49.26 | 3.355 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.131 | 0.0 |
| 125 | 14599 | 14600 | NS | 1 | 0.0 | 200.026 | 10.28 | 0.0 | 29.969 | 14.505 | 0.0 | 216.549 | 10.125 | 0.0 | 71.419 | 12.871 | 0.0 | 1.409 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.133 | 0.0 |
| 126 | 14599 | 14600 | SN | 1 | 0.0 | 28.226 | 12.853 | 0.0 | 220.073 | 13.164 | 0.0 | 146.346 | 11.16 | 0.0 | 74.745 | 13.45 | 0.0 | 1.436 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.13 | 0.0 |
| 127 | 14599 | 14600 | SN | 1 | 0.0 | 28.226 | 12.853 | 0.0 | 220.073 | 13.164 | 0.0 | 146.346 | 11.16 | 0.0 | 74.745 | 13.45 | 0.0 | 1.436 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.13 | 0.0 |
| 128 | 14599 | 14600 | SN | 1 | 0.0 | 22.104 | 5.91 | 0.0 | 224.292 | 7.4 | 0.0 | 172.344 | 2.378 | 0.0 | 49.26 | 3.355 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.131 | 0.0 |
| 129 | 14600 | 14601 | NS | 1 | 0.0 | 24.15 | 10.196 | 0.64 | 29.957 | 14.545 | 0.0 | 244.141 | 10.166 | 0.0 | 72.462 | 12.854 | 0.0 | 1.406 | 0.0 | 0.001 | 1.777 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.131 | 0.0 |
| 130 | 14600 | 14601 | SN | 1 | 0.0 | 28.193 | 12.868 | 0.0 | 37.361 | 13.024 | 0.0 | 170.706 | 11.312 | 0.0 | 20.797 | 13.236 | 0.0 | 1.437 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.131 | 0.0 |
| 131 | 14600 | 14601 | SN | 1 | 0.0 | 28.193 | 12.868 | 0.0 | 37.361 | 13.024 | 0.0 | 170.706 | 11.312 | 0.0 | 20.797 | 13.236 | 0.0 | 1.437 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.131 | 0.0 |
| 132 | 14600 | 14601 | NS | 1 | 0.0 | 24.172 | 10.26 | 0.0 | 29.952 | 14.545 | 0.0 | 158.73 | 10.097 | 0.0 | 72.318 | 12.9 | 0.0 | 1.406 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.132 | 0.0 |
| 133 | 14600 | 14601 | SN | 1 | 0.0 | 28.193 | 12.853 | 0.0 | 37.361 | 13.143 | 0.0 | 170.706 | 11.231 | 0.0 | 75.374 | 13.486 | 0.0 | 1.437 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.131 | 0.0 |
| 134 | 14600 | 14601 | SN | 1 | 0.0 | 22.115 | 5.946 | 0.0 | 69.506 | 7.424 | 0.0 | 137.858 | 2.32 | 0.0 | 14.047 | 3.254 | 0.0 | 1.421 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.131 | 0.0 |
| 135 | 14600 | 14601 | SN | 1 | 0.0 | 22.115 | 5.946 | 0.0 | 69.506 | 7.424 | 0.0 | 137.858 | 2.32 | 0.0 | 14.047 | 3.254 | 0.0 | 1.421 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.131 | 0.0 |
| 136 | 14600 | 14601 | NS | 1 | 0.0 | 24.713 | 6.185 | 0.0 | 24.63 | 6.872 | 0.0 | 217.994 | 2.316 | 0.0 | 59.192 | 3.054 | 0.0 | 1.421 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.132 | 0.0 |
| 137 | 14600 | 14601 | NS | 1 | 0.0 | 24.718 | 6.18 | 0.0 | 24.63 | 6.845 | 0.0 | 349.737 | 2.326 | 0.0 | 48.229 | 3.049 | 0.0 | 1.422 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.132 | 0.0 |
| 138 | 14600 | 14601 | SN | 1 | 0.0 | 22.115 | 5.917 | 0.0 | 69.506 | 7.43 | 0.0 | 137.858 | 2.309 | 0.0 | 55.928 | 3.351 | 0.0 | 1.421 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.131 | 0.0 |
| 139 | 14601 | 14602 | SN | 1 | 0.0 | 28.259 | 12.869 | 0.0 | 25.766 | 13.123 | 0.0 | 148.387 | 11.285 | 0.0 | 70.553 | 13.5 | 0.0 | 1.436 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.13 | 0.0 |
| 140 | 14601 | 14602 | SN | 1 | 0.0 | 28.259 | 12.869 | 0.0 | 25.766 | 13.123 | 0.0 | 148.387 | 11.285 | 0.0 | 70.542 | 13.5 | 0.0 | 1.436 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.13 | 0.0 |
| 141 | 14601 | 14602 | NS | 1 | 0.0 | 52.853 | 6.196 | 0.0 | 24.635 | 6.872 | 0.0 | 145.522 | 2.286 | 0.0 | 59.766 | 3.018 | 0.0 | 1.424 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.131 | 0.0 |
| 142 | 14601 | 14602 | SN | 1 | 0.0 | 28.259 | 12.874 | 0.0 | 25.744 | 12.898 | 0.0 | 148.387 | 11.39 | 0.0 | 17.438 | 13.064 | 0.0 | 1.436 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.13 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|-------|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-------|-------|-----|-----|-------|-----|-----|-------|-----|
| 143 | 14601 | 14602 | NS | 1 | 0.0 | 149.774 | 10.26 | 0.0 | 29.963 | 14.596 | 0.0 | 154.131 | 10.054 | 0.0 | 72.837 | 12.814 | 0.0 | 1.408 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.131 | 0.0 |
| 144 | 14601 | 14602 | SN | 1 | 0.0 | 22.115 | 5.895 | 0.0 | 24.316 | 7.448 | 0.0 | 140.346 | 2.284 | 0.0 | 45.129 | 3.351 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.13 | 0.0 |
| 145 | 14601 | 14602 | NS | 1 | 0.0 | 149.774 | 10.26 | 0.0 | 29.963 | 14.596 | 0.0 | 154.131 | 10.054 | 0.0 | 72.837 | 12.814 | 0.0 | 1.408 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.131 | 0.0 |
| 146 | 14601 | 14602 | SN | 1 | 0.0 | 22.115 | 5.895 | 0.0 | 24.316 | 7.448 | 0.0 | 140.346 | 2.284 | 0.0 | 45.118 | 3.351 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.13 | 0.0 |
| 147 | 14601 | 14602 | NS | 1 | 0.0 | 52.853 | 6.196 | 0.0 | 24.635 | 6.872 | 0.0 | 145.522 | 2.286 | 0.0 | 59.766 | 3.018 | 0.0 | 1.424 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.131 | 0.0 |
| 148 | 14601 | 14602 | SN | 1 | 0.0 | 22.115 | 5.943 | 0.0 | 24.316 | 7.442 | 0.0 | 140.346 | 2.302 | 0.0 | 12.911 | 3.222 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.13 | 0.0 |
| 149 | 14602 | 14603 | NS | 1 | 0.0 | 59.184 | 6.195 | 0.0 | 24.63 | 6.863 | 0.0 | 252.149 | 2.29 | 0.0 | 49.194 | 3.037 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.132 | 0.0 |
| 150 | 14602 | 14603 | SN | 1 | 0.0 | 22.121 | 5.986 | 0.0 | 24.294 | 7.423 | 0.0 | 134.053 | 2.341 | 0.0 | 12.944 | 3.184 | 0.0 | 1.425 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.132 | 0.0 |
| 151 | 14602 | 14603 | NS | 1 | 0.0 | 59.184 | 6.193 | 0.0 | 24.63 | 6.858 | 0.0 | 252.149 | 2.287 | 0.0 | 49.205 | 3.039 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.132 | 0.0 |
| 152 | 14602 | 14603 | SN | 1 | 0.0 | 22.121 | 5.917 | 0.0 | 24.294 | 7.433 | 0.0 | 129.845 | 2.299 | 0.0 | 121.239 | 3.338 | 0.0 | 1.425 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.131 | 0.0 |
| 153 | 14602 | 14603 | SN | 1 | 0.0 | 28.347 | 12.88 | 0.0 | 25.738 | 13.198 | 0.0 | 180.208 | 11.199 | 0.0 | 71.039 | 13.524 | 0.0 | 1.439 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.13 | 0.0 |
| 154 | 14602 | 14603 | NS | 1 | 0.0 | 270.674 | 10.287 | 0.745 | 31.91 | 14.495 | 0.0 | 207.974 | 10.123 | 0.0 | 76.383 | 12.911 | 0.0 | 1.408 | 0.0 | 0.001 | 1.777 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.13 | 0.0 |
| 155 | 14602 | 14603 | SN | 1 | 0.0 | 28.347 | 12.906 | 0.0 | 25.783 | 12.827 | 0.0 | 180.197 | 11.383 | 0.0 | 15.861 | 12.911 | 0.0 | 1.44 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.13 | 0.0 |
| 156 | 14602 | 14603 | NS | 1 | 0.0 | 270.651 | 10.257 | 0.64 | 31.915 | 14.495 | 0.0 | 207.979 | 10.13 | 0.0 | 76.355 | 12.918 | 0.0 | 1.407 | 0.0 | 0.001 | 1.777 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.13 | 0.0 |
| 157 | 14603 | 14604 | SN | 1 | 0.0 | 28.297 | 12.896 | 0.0 | 49.153 | 13.188 | 0.0 | 144.267 | 11.204 | 0.0 | 239.21 | 13.567 | 0.0 | 1.436 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.129 | 0.0 |
| 158 | 14603 | 14604 | SN | 1 | 0.0 | 22.126 | 5.922 | 0.0 | 24.299 | 7.442 | 0.0 | 126.977 | 2.309 | 0.0 | 71.152 | 3.335 | 0.0 | 1.422 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.13 | 0.0 |
| 159 | 14603 | 14604 | NS | 1 | 0.0 | 24.729 | 6.177 | 0.0 | 24.636 | 6.852 | 0.0 | 323.948 | 2.311 | 0.0 | 62.689 | 3.057 | 0.0 | 1.423 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.132 | 0.0 |
| 160 | 14603 | 14604 | NS | 1 | 0.0 | 24.073 | 10.245 | 0.745 | 31.904 | 14.413 | 0.0 | 336.473 | 10.159 | 0.0 | 90.446 | 12.903 | 0.0 | 1.404 | 0.0 | 0.001 | 1.777 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.132 | 0.0 |
| 161 | 14604 | 14605 | NS | 1 | 0.0 | 24.123 | 10.245 | 0.64 | 31.921 | 14.495 | 0.0 | 351.132 | 10.18 | 0.0 | 70.719 | 12.932 | 0.0 | 1.405 | 0.0 | 0.001 | 1.777 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.13 | 0.0 |
| 162 | 14604 | 14605 | NS | 1 | 0.0 | 160.782 | 6.204 | 0.0 | 24.636 | 6.824 | 0.0 | 353.746 | 2.338 | 0.0 | 63.963 | 3.062 | 0.0 | 1.423 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.132 | 0.0 |
| 163 | 14604 | 14605 | SN | 1 | 0.0 | 28.397 | 12.873 | 0.0 | 145.296 | 13.228 | 0.0 | 143.644 | 11.261 | 0.0 | 140.387 | 13.574 | 0.0 | 1.436 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.131 | 0.0 |
| 164 | 14604 | 14605 | NS | 1 | 0.0 | 161.008 | 10.256 | 0.745 | 29.969 | 14.454 | 0.0 | 351.143 | 10.166 | 0.0 | 70.78 | 12.939 | 0.0 | 1.405 | 0.0 | 0.001 | 1.778 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.13 | 0.0 |
| 165 | 14604 | 14605 | SN | 1 | 0.0 | 28.397 | 12.931 | 0.0 | 144.981 | 12.64 | 0.0 | 143.644 | 11.746 | 0.0 | 140.387 | 12.656 | 0.0 | 1.436 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.131 | 0.0 |
| 166 | 14604 | 14605 | SN | 1 | 0.0 | 28.397 | 12.873 | 0.0 | 145.296 | 13.228 | 0.0 | 143.644 | 11.261 | 0.0 | 140.387 | 13.574 | 0.0 | 1.436 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.131 | 0.0 |
| 167 | 14604 | 14605 | SN | 1 | 0.0 | 22.104 | 5.914 | 0.0 | 24.305 | 7.436 | 0.0 | 189.391 | 2.318 | 0.0 | 156.342 | 3.316 | 0.0 | 1.423 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.131 | 0.0 |
| 168 | 14604 | 14605 | SN | 1 | 0.0 | 22.104 | 5.914 | 0.0 | 24.305 | 7.436 | 0.0 | 189.391 | 2.318 | 0.0 | 156.342 | 3.316 | 0.0 | 1.423 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.131 | 0.0 |
| 169 | 14604 | 14605 | SN | 1 | 0.0 | 22.104 | 6.024 | 0.0 | 24.305 | 7.414 | 0.0 | 189.391 | 2.447 | 0.0 | 156.342 | 3.174 | 0.0 | 1.423 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.131 | 0.0 |
| 170 | 14604 | 14605 | NS | 1 | 0.0 | 24.735 | 6.197 | 0.0 | 24.636 | 6.838 | 0.0 | 353.729 | 2.34 | 0.0 | 63.897 | 3.069 | 0.0 | 1.423 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.132 | 0.0 |
| 171 | 14605 | 14606 | NS | 1 | 0.0 | 41.536 | 10.204 | 0.745 | 29.969 | 14.413 | 0.0 | 115.498 | 10.159 | 0.0 | 78.969 | 12.797 | 0.0 | 1.408 | 0.0 | 0.001 | 1.778 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.13 | 0.0 |
| 172 | 14605 | 14606 | SN | 1 | 0.0 | 28.364 | 12.98 | 0.0 | 25.645 | 12.5 | 0.0 | 140.125 | 11.778 | 0.0 | 28.273 | 12.5 | 0.0 | 1.436 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.13 | 0.0 |
| 173 | 14605 | 14606 | NS | 1 | 0.0 | 41.536 | 10.204 | 0.745 | 29.969 | 14.413 | 0.0 | 115.498 | 10.159 | 0.0 | 78.969 | 12.804 | 0.0 | 1.408 | 0.0 | 0.001 | 1.778 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.13 | 0.0 |
| 174 | 14605 | 14606 | SN | 1 | 0.0 | 28.364 | 12.9 | 0.0 | 25.711 | 13.218 | 0.0 | 140.125 | 11.169 | 0.0 | 71.177 | 13.539 | 0.0 | 1.436 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.13 | 0.0 |
| 175 | 14605 | 14606 | SN | 1 | 0.0 | 28.364 | 12.9 | 0.0 | 25.672 | 13.228 | 0.0 | 140.125 | 11.169 | 0.0 | 71.144 | 13.539 | 0.0 | 1.436 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.13 | 0.0 |
| 176 | 14605 | 14606 | NS | 1 | 0.0 | 45.215 | 6.245 | 0.0 | 24.636 | 6.836 | 0.0 | 351.468 | 2.336 | 0.0 | 60.56 | 3.078 | 0.0 | 1.423 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.131 | 0.0 |
| 177 | 14605 | 14606 | SN | 1 | 0.0 | 22.104 | 5.874 | 0.0 | 24.31 | 7.433 | 0.0 | 127.292 | 2.328 | 0.0 | 53.766 | 3.314 | 0.0 | 1.422 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.129 | 0.0 |
| 178 | 14605 | 14606 | SN | 1 | 0.0 | 22.104 | 5.874 | 0.0 | 24.31 | 7.433 | 0.0 | 127.292 | 2.328 | 0.0 | 53.788 | 3.312 | 0.0 | 1.422 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.129 | 0.0 |
| 179 | 14605 | 14606 | NS | 1 | 0.0 | 45.215 | 6.245 | 0.0 | 24.636 | 6.838 | 0.0 | 351.468 | 2.336 | 0.0 | 60.56 | 3.08 | 0.0 | 1.423 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.131 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|-------|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-------|-------|-----|-----|-------|-----|-----|-------|-----|
| 180 | 14605 | 14606 | SN | 1 | 0.0 | 22.104 | 6.055 | 0.0 | 24.31 | 7.411 | 0.0 | 127.292 | 2.522 | 0.0 | 12.916 | 3.206 | 0.0 | 1.422 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.129 | 0.0 |
| 181 | 14606 | 14607 | NS | 1 | 0.0 | 210.356 | 10.127 | 0.0 | 29.98 | 14.419 | 0.0 | 354.093 | 10.089 | 0.0 | 73.344 | 12.849 | 0.0 | 1.406 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.132 | 0.0 |
| 182 | 14606 | 14607 | NS | 1 | 0.0 | 24.735 | 6.24 | 0.0 | 24.647 | 6.845 | 0.0 | 355.268 | 2.342 | 0.0 | 52.128 | 3.072 | 0.0 | 1.423 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.133 | 0.0 |
| 183 | 14606 | 14607 | SN | 1 | 0.0 | 22.11 | 5.89 | 0.0 | 124.413 | 7.482 | 0.0 | 148.431 | 2.327 | 0.0 | 43.795 | 3.287 | 0.0 | 1.422 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.129 | 0.0 |
| 184 | 14606 | 14607 | NS | 1 | 0.0 | 192.03 | 6.24 | 0.0 | 24.647 | 6.829 | 0.0 | 355.274 | 2.34 | 0.0 | 52.15 | 3.06 | 0.0 | 1.423 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.133 | 0.0 |
| 185 | 14606 | 14607 | SN | 1 | 0.0 | 28.292 | 12.817 | 0.673 | 54.596 | 13.113 | 0.0 | 138.3 | 11.124 | 0.0 | 237.225 | 13.514 | 0.0 | 1.436 | 0.0 | 0.001 | 1.774 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.13 | 0.0 |
| 186 | 14606 | 14607 | NS | 1 | 0.0 | 168.271 | 10.117 | 0.0 | 29.98 | 14.399 | 0.0 | 354.093 | 10.089 | 0.0 | 73.333 | 12.878 | 0.0 | 1.406 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.132 | 0.0 |
| 187 | 14607 | 14608 | NS | 1 | 0.0 | 24.718 | 6.209 | 0.0 | 24.647 | 6.838 | 0.0 | 242.073 | 2.325 | 0.0 | 48.378 | 3.073 | 0.0 | 1.422 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.132 | 0.0 |
| 188 | 14607 | 14608 | SN | 1 | 0.0 | 28.788 | 12.827 | 0.673 | 276.564 | 13.103 | 0.0 | 137.577 | 11.138 | 0.0 | 78.018 | 13.478 | 0.0 | 1.437 | 0.0 | 0.001 | 1.775 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.13 | 0.0 |
| 189 | 14607 | 14608 | NS | 1 | 0.0 | 24.156 | 10.254 | 0.0 | 29.985 | 14.435 | 0.0 | 250.07 | 10.092 | 0.0 | 68.645 | 12.766 | 0.0 | 1.405 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.132 | 0.0 |
| 190 | 14607 | 14608 | SN | 1 | 0.0 | 22.121 | 5.89 | 0.0 | 244.957 | 7.46 | 0.0 | 147.416 | 2.388 | 0.0 | 129.721 | 3.28 | 0.0 | 1.424 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.127 | 0.0 |
| 191 | 14608 | 14609 | NS | 1 | 0.0 | 267.966 | 10.274 | 0.0 | 29.974 | 14.476 | 0.0 | 149.349 | 10.07 | 0.0 | 75.186 | 12.808 | 0.0 | 1.406 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.131 | 0.0 |
| 192 | 14608 | 14609 | SN | 1 | 0.0 | 28.678 | 12.805 | 0.673 | 25.645 | 13.134 | 0.0 | 142.563 | 11.123 | 0.0 | 137.757 | 13.485 | 0.0 | 1.436 | 0.0 | 0.001 | 1.774 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.131 | 0.0 |
| 193 | 14608 | 14609 | NS | 1 | 0.0 | 217.793 | 6.209 | 0.0 | 24.647 | 6.838 | 0.0 | 350.718 | 2.334 | 0.0 | 54.874 | 3.059 | 0.0 | 1.422 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.131 | 0.0 |
| 194 | 14608 | 14609 | SN | 1 | 0.0 | 22.11 | 5.872 | 0.0 | 24.454 | 7.475 | 0.0 | 143.787 | 2.349 | 0.0 | 208.531 | 3.289 | 0.0 | 1.422 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.13 | 0.0 |
| 195 | 14609 | 14610 | NS | 1 | 0.0 | 24.735 | 6.245 | 0.0 | 24.647 | 6.84 | 0.0 | 280.016 | 2.375 | 0.0 | 55.977 | 3.075 | 0.0 | 1.424 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.133 | 0.0 |
| 196 | 14609 | 14610 | SN | 1 | 0.0 | 22.099 | 5.888 | 0.0 | 45.623 | 7.475 | 0.0 | 128.284 | 2.338 | 0.0 | 212.035 | 3.276 | 0.0 | 1.422 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.127 | 0.0 |
| 197 | 14609 | 14610 | SN | 1 | 0.0 | 22.104 | 5.888 | 0.0 | 235.929 | 7.466 | 0.0 | 128.229 | 2.345 | 0.0 | 212.035 | 3.275 | 0.0 | 1.422 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.127 | 0.0 |
| 198 | 14609 | 14610 | NS | 1 | 0.0 | 24.128 | 10.273 | 0.0 | 29.974 | 14.283 | 0.0 | 160.081 | 10.168 | 0.0 | 18.475 | 12.543 | 0.0 | 1.407 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.133 | 0.0 |
| 199 | 14609 | 14610 | SN | 1 | 0.0 | 28.485 | 12.815 | 0.678 | 268.978 | 13.052 | 0.0 | 129.873 | 11.144 | 0.0 | 194.004 | 13.527 | 0.0 | 1.435 | 0.0 | 0.001 | 1.774 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.13 | 0.0 |
| 200 | 14609 | 14610 | SN | 1 | 0.0 | 28.485 | 12.815 | 0.678 | 25.689 | 13.062 | 0.0 | 129.933 | 11.137 | 0.0 | 194.01 | 13.528 | 0.0 | 1.435 | 0.0 | 0.001 | 1.774 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.13 | 0.0 |
| 201 | 14609 | 14610 | NS | 1 | 0.0 | 24.128 | 10.263 | 0.0 | 29.974 | 14.516 | 0.0 | 160.081 | 10.048 | 0.0 | 76.333 | 12.823 | 0.0 | 1.407 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.133 | 0.0 |
| 202 | 14609 | 14610 | NS | 1 | 0.0 | 24.735 | 6.289 | 0.0 | 24.647 | 6.847 | 0.0 | 280.016 | 2.415 | 0.0 | 12.894 | 2.992 | 0.0 | 1.424 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.133 | 0.0 |
| 203 | 14610 | 14611 | NS | 1 | 0.0 | 159.684 | 6.313 | 0.0 | 24.647 | 6.843 | 0.0 | 262.122 | 2.398 | 0.0 | 57.08 | 3.095 | 0.0 | 1.423 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.132 | 0.0 |
| 204 | 14610 | 14611 | NS | 1 | 0.0 | 239.095 | 10.365 | 0.0 | 29.974 | 14.045 | 0.0 | 165.387 | 10.501 | 0.0 | 13.302 | 12.199 | 0.0 | 1.405 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.133 | 0.0 |
| 205 | 14610 | 14611 | NS | 1 | 0.0 | 239.095 | 10.284 | 0.0 | 29.974 | 14.535 | 0.0 | 165.387 | 10.134 | 0.0 | 71.596 | 12.857 | 0.0 | 1.405 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.133 | 0.0 |
| 206 | 14610 | 14611 | NS | 1 | 0.0 | 239.095 | 10.284 | 0.0 | 29.974 | 14.535 | 0.0 | 165.387 | 10.134 | 0.0 | 71.596 | 12.857 | 0.0 | 1.405 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.133 | 0.0 |
| 207 | 14610 | 14611 | SN | 1 | 0.0 | 28.711 | 12.795 | 0.678 | 25.689 | 13.062 | 0.0 | 127.59 | 11.222 | 0.0 | 70.327 | 13.499 | 0.0 | 1.437 | 0.0 | 0.001 | 1.774 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 2.13 | 0.0 |
| 208 | 14610 | 14611 | SN | 1 | 0.0 | 28.711 | 12.795 | 0.678 | 25.689 | 13.062 | 0.0 | 127.59 | 11.222 | 0.0 | 70.327 | 13.499 | 0.0 | 1.437 | 0.0 | 0.001 | 1.774 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 2.13 | 0.0 |
| 209 | 14610 | 14611 | NS | 1 | 0.0 | 159.684 | 6.447 | 0.0 | 24.647 | 6.854 | 0.0 | 262.122 | 2.517 | 0.0 | 12.9 | 3.017 | 0.0 | 1.423 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.132 | 0.0 |
| 210 | 14610 | 14611 | NS | 1 | 0.0 | 159.684 | 6.313 | 0.0 | 24.647 | 6.843 | 0.0 | 262.122 | 2.398 | 0.0 | 57.08 | 3.095 | 0.0 | 1.423 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.132 | 0.0 |
| 211 | 14610 | 14611 | SN | 1 | 0.0 | 22.099 | 5.901 | 0.0 | 24.426 | 7.475 | 0.0 | 127.59 | 2.345 | 0.0 | 79.722 | 3.289 | 0.0 | 1.423 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.129 | 0.0 |
| 212 | 14610 | 14611 | SN | 1 | 0.0 | 22.099 | 5.901 | 0.0 | 24.426 | 7.475 | 0.0 | 127.59 | 2.347 | 0.0 | 79.722 | 3.287 | 0.0 | 1.423 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.129 | 0.0 |
| 213 | 14611 | 14612 | SN | 1 | 0.0 | 22.115 | 5.879 | 0.0 | 71.243 | 7.446 | 0.0 | 170.844 | 2.344 | 0.0 | 49.039 | 3.283 | 0.0 | 1.423 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.129 | 0.0 |
| 214 | 14611 | 14612 | NS | 1 | 0.0 | 68.532 | 6.59 | 0.0 | 24.652 | 6.971 | 0.0 | 153.132 | 2.642 | 0.0 | 12.911 | 3.17 | 0.0 | 1.423 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.134 | 0.0 |
| 215 | 14611 | 14612 | NS | 1 | 0.0 | 68.532 | 6.311 | 0.0 | 24.652 | 6.845 | 0.0 | 153.132 | 2.397 | 0.0 | 53.291 | 3.105 | 0.0 | 1.423 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.134 | 0.0 |
| 216 | 14611 | 14612 | NS | 1 | 0.0 | 68.532 | 6.311 | 0.0 | 24.652 | 6.845 | 0.0 | 153.132 | 2.397 | 0.0 | 53.286 | 3.105 | 0.0 | 1.423 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.134 | 0.0 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|----|---|-----|---------|--------|------|---------|--------|-----|---------|--------|-----|--------|--------|-----|-------|-----|-------|-------|-----|-----|-------|-----|-----|-------|-----|
| 217 | 14611 | 14612 | SN | 1 | 0.0 | 28.342 | 12.843 | 0.0 | 72.613 | 13.204 | 0.0 | 145.519 | 11.174 | 0.0 | 74.337 | 13.478 | 0.0 | 1.437 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.131 | 0.0 |
| 218 | 14611 | 14612 | SN | 1 | 0.0 | 28.342 | 12.843 | 0.0 | 72.613 | 13.204 | 0.0 | 145.524 | 11.174 | 0.0 | 74.326 | 13.478 | 0.0 | 1.437 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.131 | 0.0 |
| 219 | 14611 | 14612 | NS | 1 | 0.0 | 41.52 | 10.257 | 0.0 | 29.996 | 14.586 | 0.0 | 162.585 | 10.026 | 0.0 | 71.502 | 12.843 | 0.0 | 1.405 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.133 | 0.0 |
| 220 | 14611 | 14612 | NS | 1 | 0.0 | 41.52 | 10.257 | 0.0 | 29.996 | 14.596 | 0.0 | 162.585 | 10.026 | 0.0 | 71.507 | 12.843 | 0.0 | 1.405 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.133 | 0.0 |
| 221 | 14611 | 14612 | NS | 1 | 0.0 | 41.52 | 10.443 | 0.0 | 29.996 | 13.941 | 0.0 | 162.585 | 10.904 | 0.0 | 13.302 | 11.946 | 0.0 | 1.405 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.133 | 0.0 |
| 222 | 14611 | 14612 | SN | 1 | 0.0 | 22.115 | 5.879 | 0.0 | 71.243 | 7.446 | 0.0 | 140.208 | 2.344 | 0.0 | 49.05 | 3.283 | 0.0 | 1.423 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.129 | 0.0 |
| 223 | 14612 | 14613 | SN | 1 | 0.0 | 27.459 | 11.107 | 0.0 | 25.281 | 14.461 | 0.0 | 34.193 | 9.567 | 0.0 | 14.085 | 15.632 | 0.0 | 1.437 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.814 | 0.0 | 0.0 | 2.129 | 0.0 |
| 224 | 14612 | 14613 | NS | 1 | 0.0 | 154.07 | 10.518 | 0.64 | 29.991 | 13.806 | 0.0 | 161.019 | 11.789 | 0.0 | 13.302 | 12.08 | 0.0 | 1.405 | 0.0 | 0.001 | 1.779 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.131 | 0.0 |
| 225 | 14612 | 14613 | SN | 1 | 0.0 | 22.099 | 5.901 | 0.0 | 24.79 | 9.074 | 0.0 | 17.582 | 2.624 | 0.0 | 12.883 | 4.626 | 0.0 | 1.421 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.129 | 0.0 |
| 226 | 14612 | 14613 | SN | 1 | 0.0 | 22.06 | 4.754 | 0.0 | 24.393 | 10.463 | 0.0 | 17.582 | 1.958 | 0.0 | 55.994 | 5.766 | 0.0 | 1.421 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.129 | 0.0 |
| 227 | 14612 | 14613 | NS | 1 | 0.0 | 215.976 | 10.243 | 0.64 | 29.991 | 14.495 | 0.0 | 161.019 | 10.215 | 0.0 | 69.169 | 12.875 | 0.0 | 1.405 | 0.0 | 0.001 | 1.779 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.131 | 0.0 |
| 228 | 14612 | 14613 | NS | 1 | 0.0 | 123.098 | 6.296 | 0.0 | 24.652 | 6.847 | 0.0 | 349.593 | 2.423 | 0.0 | 48.587 | 3.106 | 0.0 | 1.424 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.134 | 0.0 |
| 229 | 14612 | 14613 | SN | 1 | 0.0 | 27.382 | 9.984 | 0.0 | 25.518 | 17.622 | 0.0 | 34.193 | 7.58 | 0.0 | 75.561 | 21.552 | 0.0 | 1.437 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.814 | 0.0 | 0.0 | 2.129 | 0.0 |
| 230 | 14612 | 14613 | SN | 1 | 0.0 | 22.099 | 5.897 | 0.0 | 24.79 | 7.452 | 0.0 | 162.946 | 2.291 | 0.0 | 55.994 | 3.301 | 0.0 | 1.421 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 231 | 14612 | 14613 | NS | 1 | 0.0 | 154.07 | 10.243 | 0.64 | 29.991 | 14.495 | 0.0 | 161.019 | 10.223 | 0.0 | 69.169 | 12.875 | 0.0 | 1.405 | 0.0 | 0.001 | 1.779 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.131 | 0.0 |
| 232 | 14612 | 14613 | NS | 1 | 0.0 | 192.509 | 6.296 | 0.0 | 24.652 | 6.847 | 0.0 | 349.599 | 2.421 | 0.0 | 48.587 | 3.11 | 0.0 | 1.424 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.134 | 0.0 |
| 233 | 14612 | 14613 | NS | 1 | 0.0 | 123.098 | 6.707 | 0.0 | 24.652 | 6.824 | 0.0 | 349.593 | 2.982 | 0.0 | 14.482 | 3.275 | 0.0 | 1.424 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.134 | 0.0 |
| 234 | 14612 | 14613 | NS | 1 | 0.0 | 123.098 | 6.783 | 0.0 | 24.652 | 7.043 | 0.0 | 349.593 | 2.842 | 0.0 | 12.905 | 3.386 | 0.0 | 1.424 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.134 | 0.0 |
| 235 | 14612 | 14613 | SN | 1 | 0.0 | 28.242 | 12.904 | 0.0 | 197.021 | 13.021 | 0.0 | 170.408 | 11.117 | 0.0 | 75.561 | 13.527 | 0.0 | 1.437 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.129 | 0.0 |
| 236 | 14612 | 14613 | NS | 1 | 0.0 | 154.07 | 10.412 | 0.0 | 29.991 | 13.646 | 0.0 | 161.019 | 12.103 | 0.0 | 27.211 | 11.791 | 0.0 | 1.405 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.131 | 0.0 |

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