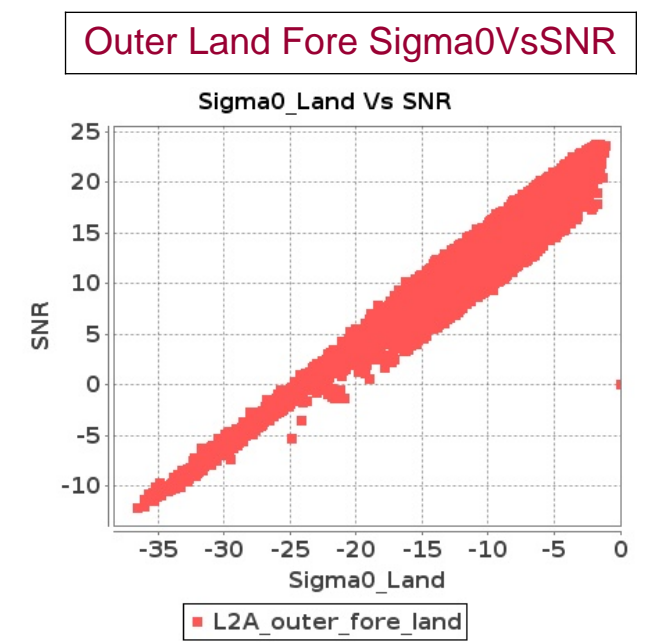
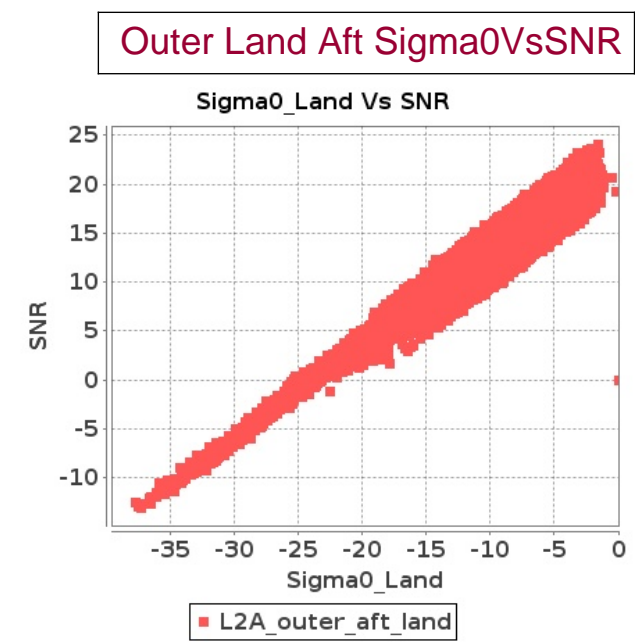
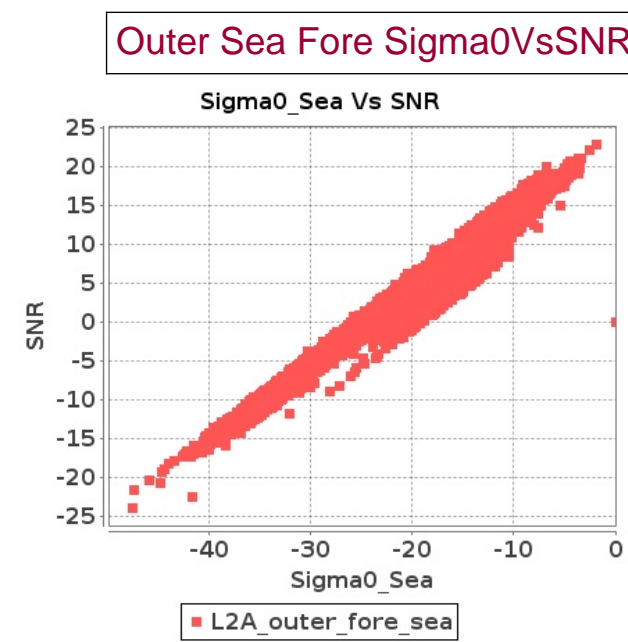
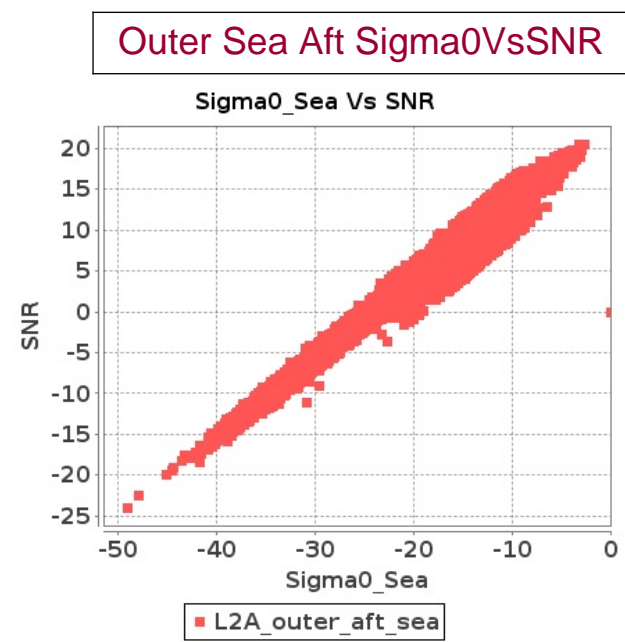
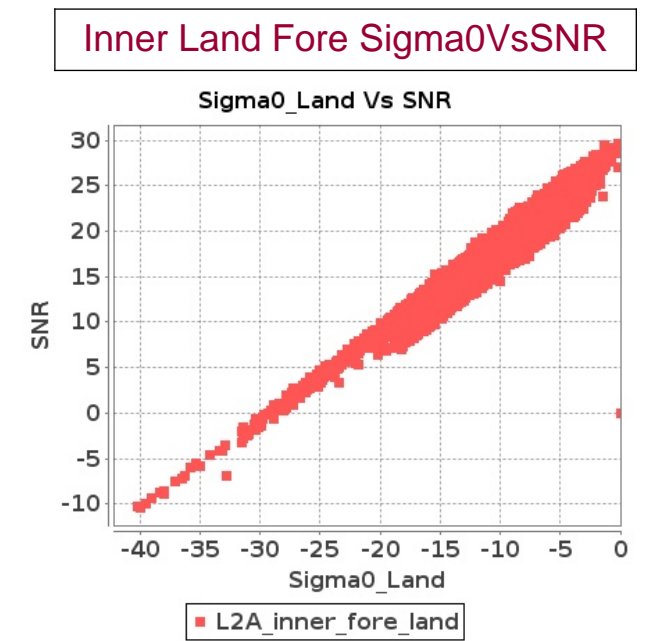
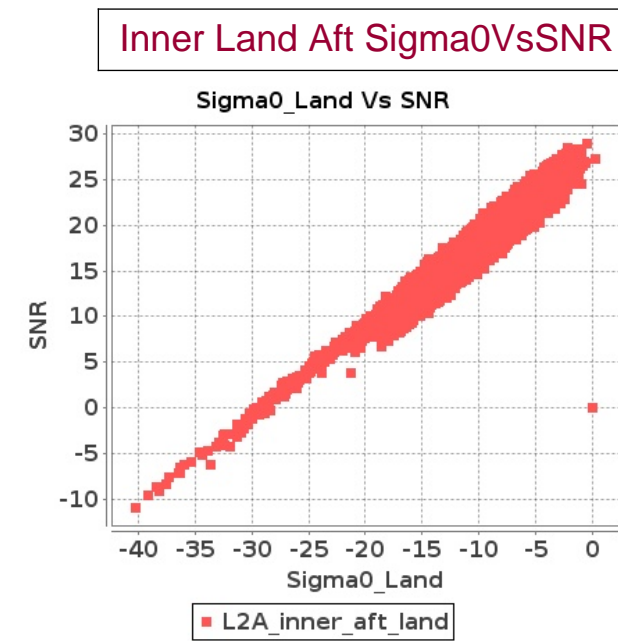
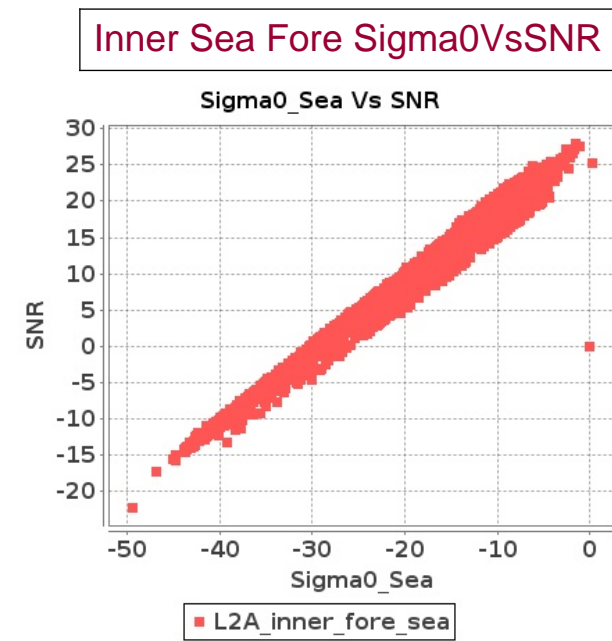
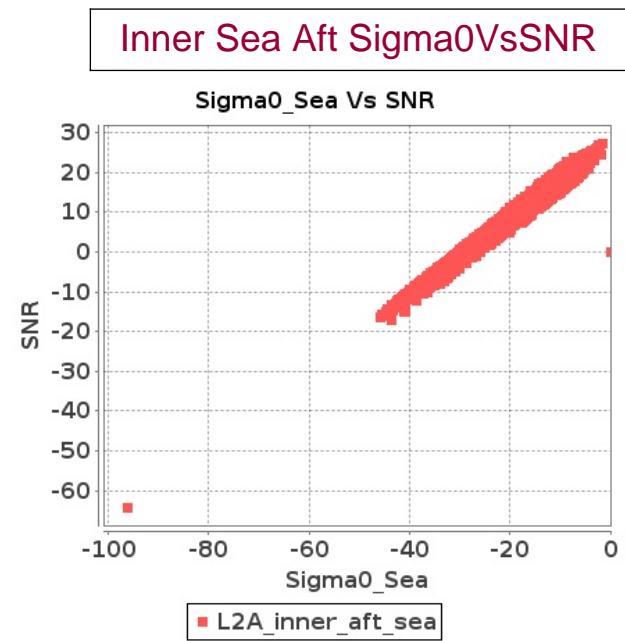


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 05-MAR-2017 To 06-MAR-2017



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

Report between 05-MAR-2017 To 06-MAR-2017

| 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 | 2318 | 2319 | NS | 1 | 0.0 | 53.441 | 3.161 | 0.0 | 49.495 | 3.474 | 0.0 | 46.34 | 2.219 | 0.0 | 46.442 | 3.1 | 0.0 | 52.221 | 3.112 | 0.0 | 48.475 | 2.947 | 0.0 | 43.27 | 2.209 | 0.0 | 42.285 | 2.07 |
| 2 | 2318 | 2319 | SN | 1 | 0.0 | 46.309 | 0.862 | 0.0 | 40.425 | 0.955 | 0.0 | 37.488 | 0.646 | 0.0 | 40.702 | 0.936 | 0.0 | 48.003 | 0.872 | 0.0 | 41.921 | 0.83 | 0.0 | 39.691 | 0.632 | 0.0 | 35.837 | 0.638 |
| 3 | 2318 | 2319 | NS | 1 | 0.0 | 50.803 | 10.587 | 0.0 | 59.29 | 11.315 | 0.0 | 45.239 | 7.781 | 0.0 | 50.672 | 10.087 | 0.0 | 53.206 | 10.254 | 0.0 | 60.274 | 10.037 | 0.0 | 46.063 | 7.767 | 0.0 | 50.943 | 7.347 |
| 4 | 2318 | 2319 | SN | 1 | 0.0 | 46.283 | 3.135 | 0.0 | 46.526 | 3.718 | 0.0 | 42.264 | 2.49 | 0.0 | 43.814 | 3.172 | 0.0 | 50.7 | 3.184 | 0.0 | 45.053 | 3.294 | 0.0 | 41.283 | 2.305 | 0.0 | 41.482 | 2.229 |
| 5 | 2319 | 2320 | NS | 1 | 0.0 | 49.32 | 7.06 | 0.0 | 50.389 | 7.691 | 0.0 | 45.172 | 5.93 | 0.0 | 46.472 | 7.342 | 0.0 | 50.774 | 6.819 | 0.0 | 47.807 | 6.944 | 0.0 | 49.527 | 5.987 | 0.0 | 42.24 | 5.354 |
| 6 | 2319 | 2320 | SN | 1 | 0.0 | 48.97 | 7.938 | 0.0 | 50.296 | 8.522 | 0.0 | 42.236 | 6.461 | 0.0 | 47.445 | 7.659 | 0.0 | 51.42 | 8.823 | 0.0 | 49.446 | 8.257 | 0.0 | 42.801 | 7.504 | 0.0 | 42.972 | 7.082 |
| 7 | 2319 | 2320 | NS | 1 | 0.0 | 47.153 | 2.135 | 0.0 | 49.869 | 2.121 | 0.0 | 42.321 | 1.972 | 0.0 | 46.783 | 2.358 | 0.0 | 47.98 | 2.101 | 0.0 | 52.439 | 1.862 | 0.0 | 42.414 | 1.964 | 0.0 | 44.644 | 1.687 |
| 8 | 2319 | 2320 | SN | 1 | 0.0 | 46.719 | 2.578 | 0.0 | 53.494 | 2.631 | 0.0 | 41.709 | 2.166 | 0.0 | 43.509 | 2.661 | 0.0 | 48.079 | 2.81 | 0.0 | 53.467 | 2.537 | 0.0 | 40.981 | 2.553 | 0.0 | 39.151 | 2.296 |
| 9 | 2320 | 2321 | NS | 1 | 0.0 | 46.951 | 5.674 | 0.0 | 50.059 | 5.988 | 0.0 | 47.159 | 5.051 | 0.0 | 46.608 | 6.872 | 0.0 | 50.308 | 5.716 | 0.0 | 49.25 | 5.606 | 0.0 | 46.375 | 5.335 | 0.0 | 49.139 | 5.289 |
| 10 | 2320 | 2321 | NS | 1 | 0.0 | 43.983 | 1.871 | 0.0 | 42.34 | 1.927 | 0.0 | 39.363 | 1.758 | 0.0 | 40.053 | 2.487 | 0.0 | 44.827 | 1.85 | 0.0 | 44.006 | 1.695 | 0.0 | 39.343 | 1.802 | 0.0 | 37.635 | 1.795 |
| 11 | 2320 | 2321 | SN | 1 | 0.0 | 45.754 | 5.278 | 0.0 | 43.469 | 6.547 | 0.0 | 46.501 | 4.986 | 0.0 | 42.112 | 6.65 | 0.0 | 46.971 | 5.137 | 0.0 | 40.345 | 5.707 | 0.0 | 46.561 | 5.213 | 0.0 | 40.885 | 5.0 |
| 12 | 2320 | 2321 | SN | 1 | 0.0 | 40.49 | 1.624 | 0.0 | 44.951 | 2.239 | 0.0 | 42.7 | 1.849 | 0.0 | 39.688 | 2.447 | 0.0 | 40.377 | 1.567 | 0.0 | 39.669 | 1.777 | 0.0 | 44.283 | 1.755 | 0.0 | 36.586 | 1.69 |
| 13 | 2321 | 2322 | SN | 1 | 0.0 | 47.83 | 5.117 | 0.0 | 41.525 | 6.492 | 0.0 | 42.057 | 4.452 | 0.0 | 48.124 | 7.141 | 0.0 | 46.139 | 4.687 | 0.0 | 42.665 | 5.313 | 0.0 | 40.18 | 4.53 | 0.0 | 46.265 | 4.418 |
| 14 | 2321 | 2322 | NS | 1 | 0.0 | 55.185 | 7.885 | 0.0 | 51.034 | 8.783 | 0.0 | 50.493 | 6.446 | 0.0 | 43.396 | 8.42 | 0.0 | 57.125 | 8.018 | 0.0 | 52.64 | 8.161 | 0.0 | 50.08 | 6.702 | 0.0 | 43.337 | 6.738 |
| 15 | 2321 | 2322 | NS | 1 | 0.0 | 44.93 | 2.453 | 0.0 | 51.085 | 2.683 | 0.0 | 47.614 | 1.915 | 0.0 | 42.9 | 2.774 | 0.0 | 45.807 | 2.493 | 0.0 | 50.676 | 2.323 | 0.0 | 46.526 | 2.045 | 0.0 | 37.989 | 2.047 |
| 16 | 2321 | 2322 | SN | 1 | 0.0 | 39.012 | 1.561 | 0.0 | 44.434 | 2.15 | 0.0 | 40.428 | 1.562 | 0.0 | 38.845 | 2.729 | 0.0 | 39.356 | 1.44 | 0.0 | 43.553 | 1.593 | 0.0 | 36.895 | 1.47 | 0.0 | 35.968 | 1.597 |
| 17 | 2322 | 2323 | SN | 1 | 0.0 | 44.529 | 4.399 | 0.0 | 45.906 | 5.528 | 0.0 | 44.832 | 3.68 | 0.0 | 42.939 | 6.82 | 0.0 | 47.851 | 4.258 | 0.0 | 46.178 | 4.607 | 0.0 | 42.419 | 4.055 | 0.0 | 41.117 | 4.832 |
| 18 | 2322 | 2323 | NS | 1 | 0.0 | 49.988 | 4.626 | 0.0 | 56.175 | 5.361 | 0.0 | 50.613 | 4.318 | 0.0 | 49.498 | 5.916 | 0.0 | 50.048 | 4.842 | 0.0 | 58.675 | 4.797 | 0.0 | 49.058 | 4.46 | 0.0 | 42.799 | 4.474 |
| 19 | 2322 | 2323 | NS | 1 | 0.0 | 48.112 | 1.523 | 0.0 | 46.425 | 1.584 | 0.0 | 40.066 | 1.297 | 0.0 | 38.46 | 1.923 | 0.0 | 46.076 | 1.559 | 0.0 | 45.772 | 1.393 | 0.0 | 42.683 | 1.359 | 0.0 | 39.531 | 1.358 |
| 20 | 2322 | 2323 | SN | 1 | 0.0 | 41.557 | 1.401 | 0.0 | 38.567 | 1.903 | 0.0 | 38.953 | 1.412 | 0.0 | 38.216 | 2.611 | 0.0 | 43.393 | 1.376 | 0.0 | 37.651 | 1.51 | 0.0 | 38.177 | 1.394 | 0.0 | 35.957 | 1.661 |
| 21 | 2323 | 2324 | SN | 1 | 0.0 | 56.814 | 7.193 | 0.0 | 53.203 | 8.135 | 0.0 | 47.001 | 6.559 | 0.0 | 52.81 | 8.823 | 0.0 | 54.313 | 7.011 | 0.0 | 51.687 | 7.089 | 0.0 | 49.587 | 6.835 | 0.0 | 53.447 | 6.67 |
| 22 | 2323 | 2324 | NS | 1 | 0.0 | 58.184 | 5.01 | 0.0 | 48.525 | 5.66 | 0.0 | 44.959 | 4.368 | 0.0 | 43.926 | 6.198 | 0.0 | 58.866 | 4.511 | 0.0 | 50.181 | 4.473 | 0.0 | 42.079 | 4.083 | 0.0 | 42.194 | 3.614 |
| 23 | 2323 | 2324 | SN | 1 | 0.0 | 58.263 | 2.328 | 0.0 | 42.334 | 2.689 | 0.0 | 44.093 | 2.091 | 0.0 | 39.356 | 3.227 | 0.0 | 54.313 | 2.276 | 0.0 | 42.259 | 2.286 | 0.0 | 40.138 | 2.162 | 0.0 | 41.445 | 2.286 |
| 24 | 2323 | 2324 | NS | 1 | 0.0 | 48.624 | 1.38 | 0.0 | 47.236 | 1.641 | 0.0 | 40.067 | 1.372 | 0.0 | 38.175 | 2.191 | 0.0 | 50.119 | 1.29 | 0.0 | 42.319 | 1.238 | 0.0 | 42.332 | 1.256 | 0.0 | 35.679 | 1.173 |
| 25 | 2324 | 2325 | SN | 1 | 0.0 | 50.485 | 2.641 | 0.0 | 51.877 | 2.967 | 0.0 | 42.781 | 2.327 | 0.0 | 39.263 | 3.051 | 0.0 | 48.922 | 2.747 | 0.0 | 50.753 | 2.655 | 0.0 | 40.359 | 2.477 | 0.0 | 36.225 | 2.193 |
| 26 | 2324 | 2325 | NS | 1 | 0.0 | 51.851 | 1.81 | 0.0 | 44.875 | 2.15 | 0.0 | 44.704 | 1.696 | 0.0 | 43.418 | 2.638 | 0.0 | 50.836 | 1.66 | 0.0 | 41.172 | 1.746 | 0.0 | 43.178 | 1.646 | 0.0 | 37.521 | 1.59 |
| 27 | 2324 | 2325 | SN | 1 | 0.0 | 56.6 | 9.122 | 0.0 | 56.402 | 9.694 | 0.0 | 51.674 | 7.498 | 0.0 | 44.863 | 9.238 | 0.0 | 58.384 | 9.23 | 0.0 | 54.661 | 8.928 | 0.0 | 46.273 | 8.037 | 0.0 | 41.646 | 7.502 |
| 28 | 2324 | 2325 | NS | 1 | 0.0 | 50.12 | 5.573 | 0.0 | 48.393 | 6.771 | 0.0 | 45.137 | 5.228 | 0.0 | 44.397 | 7.308 | 0.0 | 54.036 | 5.207 | 0.0 | 50.024 | 5.626 | 0.0 | 45.524 | 5.085 | 0.0 | 46.838 | 4.964 |
| 29 | 2325 | 2326 | NS | 1 | 0.0 | 51.193 | 5.362 | 0.0 | 49.431 | 6.014 | 0.0 | 44.23 | 4.291 | 0.0 | 46.261 | 5.91 | 0.0 | 54.994 | 5.312 | 0.0 | 49.608 | 5.349 | 0.0 | 42.728 | 4.397 | 0.0 | 42.922 | 4.582 |
| 30 | 2325 | 2326 | NS | 1 | 0.0 | 43.356 | 1.497 | 0.0 | 40.994 | 1.694 | 0.0 | 41.258 | 1.225 | 0.0 | 43.149 | 1.824 | 0.0 | 46.265 | 1.527 | 0.0 | 38.733 | 1.451 | 0.0 | 40.814 | 1.306 | 0.0 | 38.575 | 1.289 |
| 31 | 2325 | 2326 | SN | 1 | 0.0 | 46.093 | 2.796 | 0.0 | 51.626 | 2.865 | 0.0 | 42.62 | 2.172 | 0.0 | 47.51 | 2.79 | 0.0 | 50.574 | 2.709 | 0.0 | 49.753 | 2.524 | 0.0 | 42.743 | 2.175 | 0.0 | 44.044 | 2.021 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|-----|--------|-------|-----|--------|--------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 68 | 2339 | 2340 | NS | 1 | 0.0 | 42.485 | 4.45 | 0.0 | 48.839 | 5.376 | 0.0 | 46.186 | 3.912 | 0.0 | 45.21 | 6.299 | 0.0 | 43.948 | 4.251 | 0.0 | 47.673 | 4.505 | 0.0 | 43.113 | 3.848 | 0.0 | 43.544 | 3.977 |
| 69 | 2340 | 2341 | SN | 1 | 0.0 | 50.83 | 6.504 | 0.0 | 55.324 | 7.109 | 0.0 | 42.872 | 5.285 | 0.0 | 48.95 | 6.74 | 0.0 | 52.766 | 6.604 | 0.0 | 56.135 | 6.376 | 0.0 | 40.992 | 5.214 | 0.0 | 46.357 | 5.046 |
| 70 | 2340 | 2341 | NS | 1 | 0.0 | 40.978 | 1.144 | 0.0 | 40.272 | 1.613 | 0.0 | 42.79 | 1.092 | 0.0 | 39.247 | 1.853 | 0.0 | 40.199 | 1.163 | 0.0 | 40.94 | 1.301 | 0.0 | 38.084 | 1.072 | 0.0 | 37.801 | 1.243 |
| 71 | 2340 | 2341 | NS | 1 | 0.0 | 47.208 | 4.165 | 0.0 | 43.392 | 5.591 | 0.0 | 45.253 | 3.757 | 0.0 | 42.111 | 5.837 | 0.0 | 45.306 | 4.198 | 0.0 | 42.976 | 4.612 | 0.0 | 39.766 | 3.7 | 0.0 | 39.887 | 4.176 |
| 72 | 2340 | 2341 | SN | 1 | 0.0 | 45.471 | 2.039 | 0.0 | 49.001 | 2.115 | 0.0 | 41.599 | 1.579 | 0.0 | 46.223 | 2.153 | 0.0 | 48.678 | 1.993 | 0.0 | 48.987 | 1.776 | 0.0 | 42.636 | 1.609 | 0.0 | 42.005 | 1.511 |
| 73 | 2341 | 2342 | SN | 1 | 0.0 | 50.146 | 6.058 | 0.0 | 54.207 | 6.184 | 0.0 | 41.948 | 5.264 | 0.0 | 43.41 | 7.125 | 0.0 | 50.605 | 5.983 | 0.0 | 54.538 | 5.177 | 0.0 | 43.524 | 5.654 | 0.0 | 42.594 | 5.617 |
| 74 | 2341 | 2342 | NS | 1 | 0.0 | 49.699 | 7.013 | 0.0 | 46.921 | 7.883 | 0.0 | 44.869 | 5.977 | 0.0 | 46.326 | 7.803 | 0.0 | 53.389 | 6.772 | 0.0 | 46.862 | 7.069 | 0.0 | 47.014 | 6.325 | 0.0 | 45.192 | 5.969 |
| 75 | 2341 | 2342 | SN | 1 | 0.0 | 44.602 | 1.736 | 0.0 | 48.345 | 1.87 | 0.0 | 39.854 | 1.827 | 0.0 | 39.147 | 2.644 | 0.0 | 42.372 | 1.63 | 0.0 | 47.817 | 1.564 | 0.0 | 37.038 | 1.933 | 0.0 | 36.685 | 2.023 |
| 76 | 2341 | 2342 | NS | 1 | 0.0 | 45.743 | 2.102 | 0.0 | 45.881 | 2.294 | 0.0 | 41.896 | 1.805 | 0.0 | 43.372 | 2.666 | 0.0 | 45.634 | 2.092 | 0.0 | 44.472 | 2.013 | 0.0 | 44.283 | 1.942 | 0.0 | 38.271 | 1.963 |
| 77 | 2342 | 2343 | SN | 1 | 0.0 | 51.939 | 6.132 | 0.0 | 53.607 | 6.668 | 0.0 | 44.124 | 5.406 | 0.0 | 41.234 | 7.454 | 0.0 | 52.758 | 5.991 | 0.0 | 54.773 | 5.869 | 0.0 | 48.616 | 5.512 | 0.0 | 40.766 | 5.474 |
| 78 | 2342 | 2343 | NS | 1 | 0.0 | 41.639 | 1.529 | 0.0 | 45.831 | 2.012 | 0.0 | 35.912 | 1.521 | 0.0 | 39.959 | 2.605 | 0.0 | 42.845 | 1.558 | 0.0 | 42.718 | 1.836 | 0.0 | 36.473 | 1.688 | 0.0 | 38.934 | 1.937 |
| 79 | 2342 | 2343 | NS | 1 | 0.0 | 43.381 | 5.011 | 0.0 | 50.93 | 6.09 | 0.0 | 40.822 | 4.524 | 0.0 | 45.542 | 6.699 | 0.0 | 40.586 | 4.961 | 0.0 | 48.901 | 5.65 | 0.0 | 38.507 | 5.264 | 0.0 | 46.137 | 5.456 |
| 80 | 2342 | 2343 | SN | 1 | 0.0 | 49.408 | 1.901 | 0.0 | 49.75 | 1.981 | 0.0 | 39.039 | 1.786 | 0.0 | 46.031 | 2.397 | 0.0 | 50.448 | 1.922 | 0.0 | 50.268 | 1.709 | 0.0 | 36.826 | 1.878 | 0.0 | 48.446 | 1.617 |
| 81 | 2343 | 2344 | SN | 1 | 0.0 | 44.84 | 1.11 | 0.0 | 44.659 | 1.285 | 0.0 | 42.468 | 0.991 | 0.0 | 44.034 | 1.505 | 0.0 | 44.464 | 1.094 | 0.0 | 43.862 | 1.067 | 0.0 | 44.048 | 0.972 | 0.0 | 41.61 | 0.907 |
| 82 | 2343 | 2344 | NS | 1 | 0.0 | 41.965 | 1.316 | 0.0 | 40.162 | 1.754 | 0.0 | 40.214 | 1.438 | 0.0 | 40.717 | 2.781 | 0.0 | 40.27 | 1.141 | 0.0 | 36.242 | 1.303 | 0.0 | 40.136 | 1.333 | 0.0 | 35.627 | 1.357 |
| 83 | 2343 | 2344 | NS | 1 | 0.0 | 49.501 | 4.204 | 0.0 | 46.729 | 5.509 | 0.0 | 41.706 | 4.297 | 0.0 | 42.858 | 6.82 | 0.0 | 48.459 | 3.805 | 0.0 | 46.231 | 4.472 | 0.0 | 44.15 | 4.027 | 0.0 | 41.034 | 4.092 |
| 84 | 2343 | 2344 | SN | 1 | 0.0 | 54.018 | 4.137 | 0.0 | 48.908 | 4.719 | 0.0 | 44.178 | 3.568 | 0.0 | 40.225 | 4.802 | 0.0 | 55.685 | 3.964 | 0.0 | 48.157 | 4.161 | 0.0 | 45.362 | 3.419 | 0.0 | 39.203 | 3.202 |
| 85 | 2344 | 2345 | NS | 1 | 0.0 | 42.318 | 2.569 | 0.0 | 42.247 | 3.241 | 0.0 | 39.199 | 2.263 | 0.0 | 53.381 | 3.71 | 0.0 | 41.406 | 2.496 | 0.0 | 43.992 | 2.674 | 0.0 | 37.932 | 2.341 | 0.0 | 45.857 | 2.563 |
| 86 | 2344 | 2345 | SN | 1 | 0.0 | 48.936 | 1.52 | 0.0 | 44.667 | 2.015 | 0.0 | 40.434 | 1.508 | 0.0 | 41.031 | 2.179 | 0.0 | 49.042 | 1.451 | 0.0 | 45.854 | 1.517 | 0.0 | 41.906 | 1.432 | 0.0 | 37.646 | 1.596 |
| 87 | 2344 | 2345 | SN | 1 | 0.0 | 53.46 | 4.948 | 0.0 | 49.458 | 6.175 | 0.0 | 45.49 | 4.838 | 0.0 | 43.56 | 6.475 | 0.0 | 52.14 | 4.667 | 0.0 | 50.362 | 5.201 | 0.0 | 47.493 | 4.675 | 0.0 | 42.29 | 4.738 |
| 88 | 2344 | 2345 | NS | 1 | 0.0 | 51.968 | 8.341 | 0.0 | 51.687 | 10.539 | 0.0 | 43.963 | 7.093 | 0.0 | 41.907 | 9.598 | 0.0 | 53.962 | 8.299 | 0.0 | 53.347 | 9.053 | 0.0 | 42.995 | 7.314 | 0.0 | 38.994 | 7.424 |
| 89 | 2345 | 2346 | NS | 1 | 0.0 | 49.748 | 4.251 | 0.0 | 54.959 | 5.742 | 0.0 | 45.004 | 4.174 | 0.0 | 42.795 | 7.312 | 0.0 | 50.299 | 4.205 | 0.0 | 55.004 | 4.978 | 0.0 | 43.288 | 4.48 | 0.0 | 41.596 | 4.676 |
| 90 | 2345 | 2346 | NS | 1 | 0.0 | 52.716 | 1.589 | 0.0 | 48.2 | 1.877 | 0.0 | 35.125 | 1.416 | 0.0 | 38.472 | 2.787 | 0.0 | 50.048 | 1.54 | 0.0 | 45.141 | 1.541 | 0.0 | 37.978 | 1.424 | 0.0 | 35.949 | 1.565 |

| | | | | | |
|--------------------------|------------|------|--------|--------|------------|
| 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 | 2318 | 2319 | NS | 1 | 0.0 | 164.002 | 12.665 | 0.0 | 26.902 | 13.372 | 0.0 | 309.968 | 4.686 | 0.0 | 64.801 | 4.188 | 0.0 | 1.919 | 0.0 | 1.883 | 0.0 | 0.0 | 2.239 | 0.0 | 0.0 | 2.213 | 0.0 | |
| 2 | 2318 | 2319 | SN | 1 | 0.0 | 27.277 | 12.878 | 0.0 | 26.886 | 13.269 | 0.0 | 165.831 | 3.601 | 0.0 | 68.601 | 3.881 | 0.0 | 1.905 | 0.0 | 1.943 | 0.0 | 0.0 | 2.21 | 0.0 | 0.0 | 2.264 | 0.0 | |
| 3 | 2318 | 2319 | NS | 1 | 0.0 | 37.312 | 24.223 | 0.0 | 33.487 | 24.828 | 0.0 | 135.016 | 13.948 | 0.0 | 82.449 | 13.559 | 0.0 | 1.928 | 0.0 | 1.885 | 0.0 | 0.0 | 2.247 | 0.0 | 0.0 | 2.214 | 0.0 | |
| 4 | 2318 | 2319 | SN | 1 | 0.0 | 39.366 | 24.489 | 0.0 | 37.979 | 25.435 | 0.0 | 163.652 | 12.802 | 0.0 | 39.813 | 13.33 | 0.0 | 1.914 | 0.0 | 1.947 | 0.0 | 0.0 | 2.209 | 0.0 | 0.0 | 2.286 | 0.0 | |
| 5 | 2319 | 2320 | NS | 1 | 0.0 | 37.372 | 24.169 | 0.0 | 33.972 | 24.741 | 0.0 | 346.902 | 13.959 | 0.0 | 77.276 | 13.569 | 0.0 | 1.931 | 0.0 | 1.884 | 0.0 | 0.0 | 2.246 | 0.0 | 0.0 | 2.214 | 0.0 | |
| 6 | 2319 | 2320 | SN | 1 | 0.0 | 39.322 | 24.411 | 0.0 | 37.996 | 25.541 | 0.0 | 162.968 | 12.781 | 0.0 | 94.756 | 13.409 | 0.0 | 1.881 | 0.0 | 1.954 | 0.0 | 0.0 | 2.205 | 0.0 | 0.0 | 2.287 | 0.0 | |
| 7 | 2319 | 2320 | NS | 1 | 0.0 | 26.759 | 12.635 | 0.0 | 26.99 | 13.403 | 0.0 | 351.181 | 4.656 | 0.0 | 129.641 | 4.106 | 0.0 | 1.924 | 0.0 | 1.884 | 0.0 | 0.0 | 2.236 | 0.0 | 0.0 | 2.213 | 0.0 | |
| 8 | 2319 | 2320 | SN | 1 | 0.0 | 27.332 | 12.894 | 0.0 | 26.869 | 13.197 | 0.0 | 165.307 | 3.658 | 0.0 | 69.577 | 3.886 | 0.0 | 1.865 | 0.0 | 1.945 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.266 | 0.0 | |
| 9 | 2320 | 2321 | NS | 1 | 0.0 | 37.312 | 24.134 | 0.0 | 33.862 | 24.83 | 0.0 | 352.588 | 13.9 | 0.0 | 84.082 | 13.481 | 0.0 | 1.933 | 0.0 | 1.888 | 0.0 | 0.0 | 2.246 | 0.0 | 0.0 | 2.214 | 0.0 | |
| 10 | 2320 | 2321 | NS | 1 | 0.0 | 26.786 | 12.652 | 0.0 | 26.93 | 13.368 | 0.0 | 334.945 | 4.621 | 0.0 | 130.893 | 4.07 | 0.0 | 1.919 | 0.0 | 1.882 | 0.0 | 0.0 | 2.24 | 0.0 | 0.0 | 2.214 | 0.0 | |
| 11 | 2320 | 2321 | SN | 1 | 0.0 | 34.353 | 24.46 | 0.0 | 38.012 | 25.499 | 0.0 | 160.387 | 12.802 | 0.0 | 50.71 | 13.365 | 0.0 | 1.88 | 0.0 | 1.941 | 0.0 | 0.0 | 2.204 | 0.0 | 0.0 | 2.276 | 0.0 | |
| 12 | 2320 | 2321 | SN | 1 | 0.0 | 27.365 | 12.897 | 0.0 | 26.869 | 13.197 | 0.0 | 156.996 | 3.714 | 0.0 | 70.289 | 3.893 | 0.0 | 1.875 | 0.0 | 1.944 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.262 | 0.0 | |
| 13 | 2321 | 2322 | SN | 1 | 0.0 | 33.862 | 24.426 | 0.0 | 37.643 | 25.544 | 0.0 | 243.978 | 12.861 | 0.0 | 80.591 | 13.491 | 0.0 | 1.883 | 0.0 | 1.978 | 0.0 | 0.0 | 2.204 | 0.0 | 0.0 | 2.269 | 0.0 | |
| 14 | 2321 | 2322 | NS | 1 | 0.0 | 37.328 | 24.169 | 0.0 | 39.449 | 24.683 | 0.0 | 135.352 | 13.903 | 0.0 | 84.589 | 13.582 | 0.0 | 1.932 | 0.0 | 1.888 | 0.0 | 0.0 | 2.247 | 0.0 | 0.0 | 2.214 | 0.0 | |
| 15 | 2321 | 2322 | NS | 1 | 0.0 | 26.764 | 12.655 | 0.0 | 26.93 | 13.393 | 0.0 | 349.847 | 4.604 | 0.0 | 66.174 | 4.047 | 0.0 | 1.921 | 0.0 | 1.882 | 0.0 | 0.0 | 2.238 | 0.0 | 0.0 | 2.213 | 0.0 | |
| 16 | 2321 | 2322 | SN | 1 | 0.0 | 27.294 | 12.902 | 0.0 | 26.858 | 13.196 | 0.0 | 196.676 | 3.711 | 0.0 | 72.313 | 3.919 | 0.0 | 1.868 | 0.0 | 1.945 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.265 | 0.0 | |
| 17 | 2322 | 2323 | SN | 1 | 0.0 | 33.724 | 24.399 | 0.0 | 37.99 | 25.533 | 0.0 | 181.879 | 12.818 | 0.0 | 80.789 | 13.476 | 0.0 | 1.881 | 0.0 | 1.97 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.27 | 0.0 | |
| 18 | 2322 | 2323 | NS | 1 | 0.0 | 37.334 | 24.203 | 0.0 | 33.564 | 24.757 | 0.0 | 138.915 | 13.863 | 0.0 | 80.177 | 13.551 | 0.0 | 1.936 | 0.0 | 1.886 | 0.0 | 0.0 | 2.246 | 0.0 | 0.0 | 2.213 | 0.0 | |
| 19 | 2322 | 2323 | NS | 1 | 0.0 | 26.72 | 12.654 | 0.0 | 26.996 | 13.395 | 0.0 | 310.255 | 4.618 | 0.0 | 134.125 | 4.05 | 0.0 | 1.919 | 0.0 | 1.883 | 0.0 | 0.0 | 2.238 | 0.0 | 0.0 | 2.213 | 0.0 | |
| 20 | 2322 | 2323 | SN | 1 | 0.0 | 27.266 | 12.931 | 0.0 | 26.858 | 13.214 | 0.0 | 194.084 | 3.72 | 0.0 | 65.634 | 3.924 | 0.0 | 1.866 | 0.0 | 1.945 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.265 | 0.0 | |
| 21 | 2323 | 2324 | SN | 1 | 0.0 | 33.746 | 24.357 | 0.0 | 38.001 | 25.55 | 0.0 | 176.11 | 12.82 | 0.0 | 101.812 | 13.455 | 0.0 | 1.883 | 0.0 | 1.951 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.262 | 0.0 | |
| 22 | 2323 | 2324 | NS | 1 | 0.0 | 37.306 | 24.144 | 0.0 | 34.535 | 24.705 | 0.0 | 350.63 | 13.921 | 0.0 | 87.562 | 13.503 | 0.0 | 1.926 | 0.0 | 1.888 | 0.0 | 0.0 | 2.246 | 0.0 | 0.0 | 2.213 | 0.0 | |
| 23 | 2323 | 2324 | SN | 1 | 0.0 | 27.266 | 12.909 | 0.0 | 26.869 | 13.209 | 0.0 | 161.606 | 3.687 | 0.0 | 68.458 | 3.927 | 0.0 | 1.865 | 0.0 | 1.944 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.266 | 0.0 | |
| 24 | 2323 | 2324 | NS | 1 | 0.0 | 26.781 | 12.655 | 0.0 | 26.913 | 13.384 | 0.0 | 352.808 | 4.615 | 0.0 | 68.165 | 4.009 | 0.0 | 1.919 | 0.0 | 1.881 | 0.0 | 0.0 | 2.237 | 0.0 | 0.0 | 2.213 | 0.0 | |
| 25 | 2324 | 2325 | SN | 1 | 0.0 | 27.277 | 12.895 | 0.0 | 26.869 | 13.224 | 0.0 | 170.254 | 3.698 | 0.0 | 75.351 | 3.924 | 0.0 | 1.868 | 0.0 | 1.944 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.263 | 0.0 | |
| 26 | 2324 | 2325 | NS | 1 | 0.0 | 26.709 | 12.648 | 0.0 | 26.985 | 13.36 | 0.0 | 341.155 | 4.634 | 0.0 | 124.11 | 4.069 | 0.0 | 1.923 | 0.0 | 1.882 | 0.0 | 0.0 | 2.238 | 0.0 | 0.0 | 2.212 | 0.0 | |
| 27 | 2324 | 2325 | SN | 1 | 0.0 | 33.829 | 24.34 | 0.0 | 37.979 | 25.47 | 0.0 | 159.461 | 12.803 | 0.0 | 37.232 | 13.368 | 0.0 | 1.882 | 0.0 | 1.938 | 0.0 | 0.0 | 2.207 | 0.0 | 0.0 | 2.256 | 0.0 | |
| 28 | 2324 | 2325 | NS | 1 | 0.0 | 37.29 | 24.143 | 0.0 | 33.879 | 24.77 | 0.0 | 144.849 | 13.883 | 0.0 | 75.39 | 13.593 | 0.0 | 1.929 | 0.0 | 1.886 | 0.0 | 0.0 | 2.246 | 0.0 | 0.0 | 2.214 | 0.0 | |
| 29 | 2325 | 2326 | NS | 1 | 0.0 | 36.829 | 24.156 | 0.0 | 33.879 | 24.761 | 0.0 | 353.2 | 13.882 | 0.0 | 87.319 | 13.574 | 0.0 | 1.936 | 0.0 | 1.885 | 0.0 | 0.0 | 2.247 | 0.0 | 0.0 | 2.214 | 0.0 | |
| 30 | 2325 | 2326 | NS | 1 | 0.0 | 26.604 | 12.64 | 0.0 | 27.007 | 13.351 | 0.0 | 347.823 | 4.635 | 0.0 | 61.387 | 4.079 | 0.0 | 1.921 | 0.0 | 1.882 | 0.0 | 0.0 | 2.239 | 0.0 | 0.0 | 2.212 | 0.0 | |
| 31 | 2325 | 2326 | SN | 1 | 0.0 | 27.294 | 12.881 | 0.0 | 26.869 | 13.22 | 0.0 | 174.947 | 3.672 | 0.0 | 72.147 | 3.886 | 0.0 | 1.866 | 0.0 | 1.944 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 2.265 | 0.0 | |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|----|---|-----|--------|--------|-----|--------|--------|-----|---------|--------|-----|--------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 69 | 2340 | 2341 | SN | 1 | 0.0 | 38.919 | 24.404 | 0.0 | 38.001 | 25.506 | 0.0 | 166.013 | 12.812 | 0.0 | 40.171 | 13.451 | 0.0 | 1.882 | 0.0 | 0.0 | 1.983 | 0.0 | 0.0 | 2.207 | 0.0 | 0.0 | 2.28 | 0.0 |
| 70 | 2340 | 2341 | NS | 1 | 0.0 | 26.72 | 12.656 | 0.0 | 27.023 | 13.348 | 0.0 | 347.9 | 4.563 | 0.0 | 65.353 | 3.959 | 0.0 | 1.919 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.238 | 0.0 | 0.0 | 2.213 | 0.0 |
| 71 | 2340 | 2341 | NS | 1 | 0.0 | 37.279 | 24.15 | 0.0 | 33.95 | 24.687 | 0.0 | 353.161 | 13.869 | 0.0 | 86.773 | 13.471 | 0.0 | 1.934 | 0.0 | 0.0 | 1.888 | 0.0 | 0.0 | 2.246 | 0.0 | 0.0 | 2.214 | 0.0 |
| 72 | 2340 | 2341 | SN | 1 | 0.0 | 27.36 | 12.935 | 0.0 | 26.858 | 13.225 | 0.0 | 179.408 | 3.701 | 0.0 | 72.081 | 3.95 | 0.0 | 1.87 | 0.0 | 0.0 | 1.952 | 0.0 | 0.0 | 2.207 | 0.0 | 0.0 | 2.262 | 0.0 |
| 73 | 2341 | 2342 | SN | 1 | 0.0 | 38.925 | 24.412 | 0.0 | 38.029 | 25.493 | 0.0 | 172.636 | 12.833 | 0.0 | 41.208 | 13.471 | 0.0 | 1.882 | 0.0 | 0.0 | 1.968 | 0.0 | 0.0 | 2.205 | 0.0 | 0.0 | 2.282 | 0.0 |
| 74 | 2341 | 2342 | NS | 1 | 0.0 | 36.818 | 24.206 | 0.0 | 37.099 | 24.554 | 0.0 | 351.948 | 13.838 | 0.0 | 79.692 | 13.395 | 0.0 | 1.932 | 0.0 | 0.0 | 1.886 | 0.0 | 0.0 | 2.247 | 0.0 | 0.0 | 2.212 | 0.0 |
| 75 | 2341 | 2342 | SN | 1 | 0.0 | 27.156 | 12.917 | 0.0 | 26.858 | 13.229 | 0.0 | 155.65 | 3.668 | 0.0 | 72.599 | 3.95 | 0.0 | 1.868 | 0.0 | 0.0 | 1.946 | 0.0 | 0.0 | 2.201 | 0.0 | 0.0 | 2.266 | 0.0 |
| 76 | 2341 | 2342 | NS | 1 | 0.0 | 26.687 | 12.654 | 0.0 | 27.023 | 13.351 | 0.0 | 350.818 | 4.551 | 0.0 | 61.001 | 3.94 | 0.0 | 1.917 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.238 | 0.0 | 0.0 | 2.212 | 0.0 |
| 77 | 2342 | 2343 | SN | 1 | 0.0 | 33.851 | 24.419 | 0.0 | 37.99 | 25.522 | 0.0 | 187.245 | 12.819 | 0.0 | 43.932 | 13.471 | 0.0 | 1.883 | 0.0 | 0.0 | 1.978 | 0.0 | 0.0 | 2.205 | 0.0 | 0.0 | 2.282 | 0.0 |
| 78 | 2342 | 2343 | NS | 1 | 0.0 | 26.734 | 12.653 | 0.0 | 27.012 | 13.359 | 0.0 | 350.873 | 4.548 | 0.0 | 61.277 | 3.93 | 0.0 | 1.917 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.238 | 0.0 | 0.0 | 2.212 | 0.0 |
| 79 | 2342 | 2343 | NS | 1 | 0.0 | 37.13 | 24.173 | 0.0 | 33.537 | 24.641 | 0.0 | 352.053 | 13.851 | 0.0 | 87.396 | 13.406 | 0.0 | 1.931 | 0.0 | 0.0 | 1.886 | 0.0 | 0.0 | 2.248 | 0.0 | 0.0 | 2.213 | 0.0 |
| 80 | 2342 | 2343 | SN | 1 | 0.0 | 27.222 | 12.926 | 0.0 | 26.847 | 13.216 | 0.0 | 188.497 | 3.712 | 0.0 | 73.03 | 3.987 | 0.0 | 1.875 | 0.0 | 0.0 | 1.947 | 0.0 | 0.0 | 2.203 | 0.0 | 0.0 | 2.267 | 0.0 |
| 81 | 2343 | 2344 | SN | 1 | 0.0 | 27.255 | 12.933 | 0.0 | 26.853 | 13.231 | 0.0 | 203.162 | 3.701 | 0.0 | 73.719 | 4.005 | 0.0 | 1.872 | 0.0 | 0.0 | 1.946 | 0.0 | 0.0 | 2.202 | 0.0 | 0.0 | 2.267 | 0.0 |
| 82 | 2343 | 2344 | NS | 1 | 0.0 | 26.676 | 12.642 | 0.0 | 26.996 | 13.361 | 0.0 | 353.476 | 4.548 | 0.0 | 62.005 | 3.958 | 0.0 | 1.92 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.239 | 0.0 | 0.0 | 2.213 | 0.0 |
| 83 | 2343 | 2344 | NS | 1 | 0.0 | 37.113 | 24.2 | 0.0 | 33.498 | 24.623 | 0.0 | 291.879 | 13.88 | 0.0 | 87.97 | 13.448 | 0.0 | 1.938 | 0.0 | 0.0 | 1.886 | 0.0 | 0.0 | 2.248 | 0.0 | 0.0 | 2.213 | 0.0 |
| 84 | 2343 | 2344 | SN | 1 | 0.0 | 33.824 | 24.427 | 0.0 | 37.996 | 25.499 | 0.0 | 193.985 | 12.833 | 0.0 | 44.324 | 13.492 | 0.0 | 1.884 | 0.0 | 0.0 | 1.96 | 0.0 | 0.0 | 2.206 | 0.0 | 0.0 | 2.282 | 0.0 |
| 85 | 2344 | 2345 | NS | 1 | 0.0 | 26.682 | 12.656 | 0.0 | 27.012 | 13.346 | 0.0 | 353.68 | 4.572 | 0.0 | 67.311 | 3.965 | 0.0 | 1.92 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.239 | 0.0 | 0.0 | 2.212 | 0.0 |
| 86 | 2344 | 2345 | SN | 1 | 0.0 | 27.228 | 12.941 | 0.0 | 26.864 | 13.224 | 0.0 | 200.305 | 3.715 | 0.0 | 74.712 | 4.007 | 0.0 | 1.867 | 0.0 | 0.0 | 1.946 | 0.0 | 0.0 | 2.203 | 0.0 | 0.0 | 2.265 | 0.0 |
| 87 | 2344 | 2345 | SN | 1 | 0.0 | 33.823 | 24.386 | 0.0 | 37.957 | 25.491 | 0.0 | 157.613 | 12.862 | 0.0 | 49.569 | 13.521 | 0.0 | 1.883 | 0.0 | 0.0 | 1.969 | 0.0 | 0.0 | 2.207 | 0.0 | 0.0 | 2.282 | 0.0 |
| 88 | 2344 | 2345 | NS | 1 | 0.0 | 37.168 | 24.184 | 0.0 | 33.493 | 24.678 | 0.0 | 353.68 | 13.859 | 0.0 | 79.444 | 13.512 | 0.0 | 1.929 | 0.0 | 0.0 | 1.886 | 0.0 | 0.0 | 2.248 | 0.0 | 0.0 | 2.213 | 0.0 |
| 89 | 2345 | 2346 | NS | 1 | 0.0 | 37.146 | 24.945 | 0.0 | 29.836 | 24.153 | 0.0 | 351.926 | 15.092 | 0.0 | 15.332 | 13.165 | 0.0 | 1.924 | 0.0 | 0.0 | 1.883 | 0.0 | 0.0 | 2.248 | 0.0 | 0.0 | 2.214 | 0.0 |
| 90 | 2345 | 2346 | NS | 1 | 0.0 | 26.687 | 12.931 | 0.0 | 25.854 | 13.38 | 0.0 | 322.674 | 5.046 | 0.0 | 12.889 | 4.238 | 0.0 | 1.921 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.239 | 0.0 | 0.0 | 2.213 | 0.0 |

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