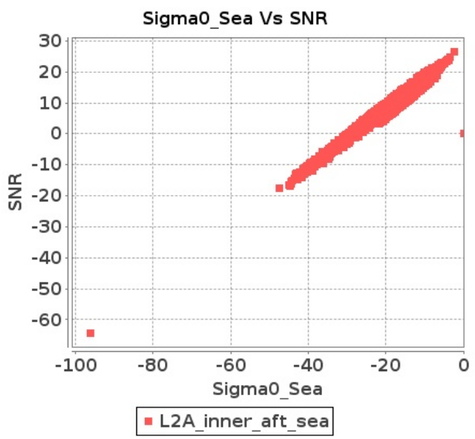
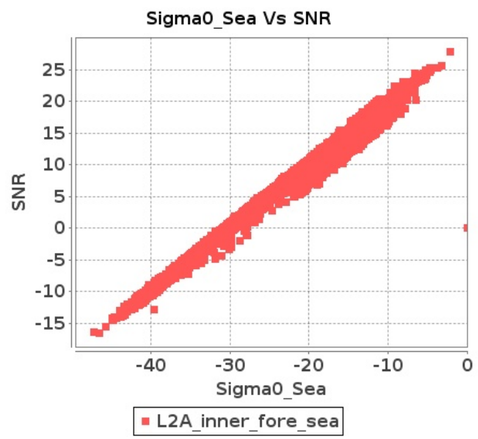
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 20-MAY-2017 To 21-MAY-2017

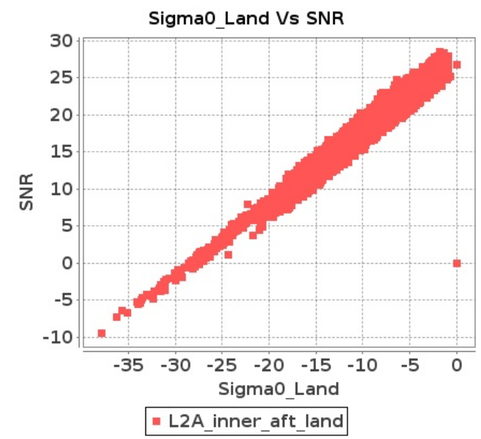
## Inner Sea Aft Sigma0VsSNR



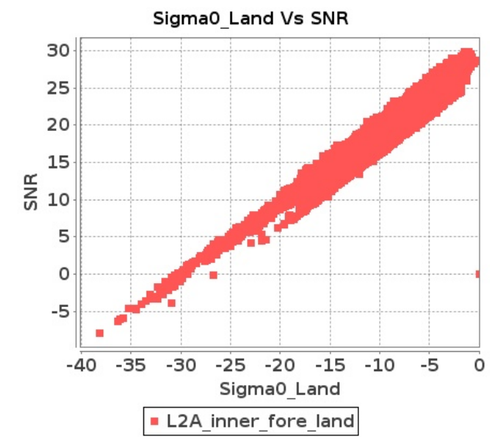

## Inner Sea Fore Sigma0VsSNR



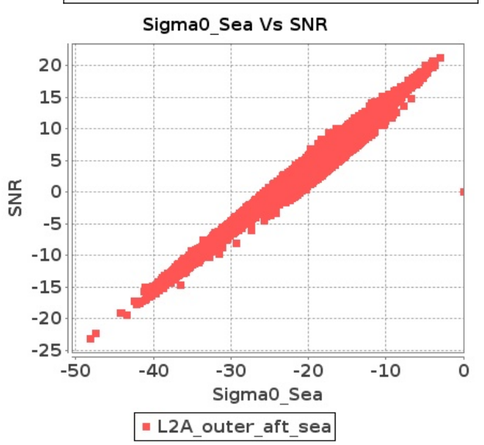

## Inner Land Aft Sigma0VsSNR



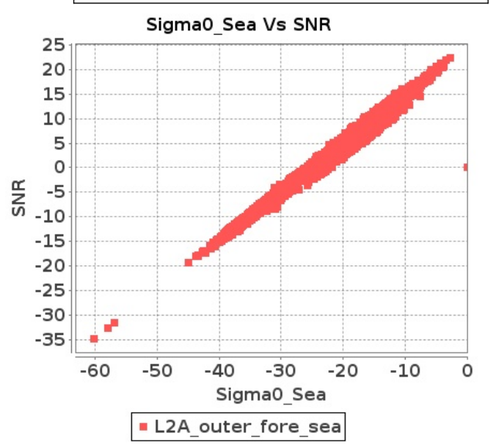

## Inner Land Fore Sigma0VsSNR



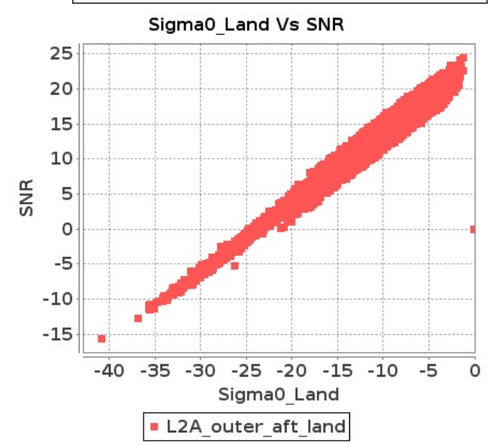

## Outer Sea Aft Sigma0VsSNR



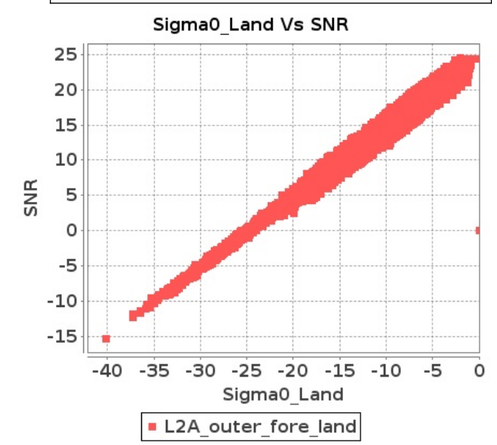

## Outer Sea Fore Sigma0VsSNR




## Outer Land Aft Sigma0VsSNR




## Outer Land Fore Sigma0VsSNR



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

Report between 20-MAY-2017 To 21-MAY-2017

| | | | | | SNR | | | | | | | | | | | | Sigma0 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | 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 | 3419 | 3420 | SN | 1 | 0.0 | 47.058 | 1.111 | 0.0 | 44.818 | 0.836 | 0.0 | 39.885 | 0.66 | 0.0 | 35.801 | 0.712 | 0.0 | 46.585 | 0.84 | 0.0 | 45.522 | 0.709 | 0.0 | 37.512 | 0.525 | 0.0 | 36.373 | 0.559 |
| 2 | 3419 | 3420 | SN | 1 | 0.0 | 50.383 | 3.439 | 0.0 | 43.562 | 2.92 | 0.0 | 40.923 | 2.36 | 0.0 | 45.847 | 2.326 | 0.0 | 49.41 | 2.622 | 0.0 | 43.414 | 2.525 | 0.0 | 40.665 | 1.948 | 0.0 | 47.427 | 1.798 |
| 3 | 3420 | 3421 | SN | 1 | 0.0 | 49.188 | 1.231 | 0.0 | 47.873 | 1.126 | 0.0 | 38.854 | 0.793 | 0.0 | 41.302 | 0.756 | 0.0 | 47.948 | 1.032 | 0.0 | 46.205 | 0.972 | 0.0 | 38.834 | 0.669 | 0.0 | 41.455 | 0.658 |
| 4 | 3420 | 3421 | NS | 1 | 0.0 | 52.409 | 2.305 | 0.0 | 51.289 | 1.88 | 0.0 | 43.932 | 1.487 | 0.0 | 43.729 | 1.456 | 0.0 | 49.127 | 2.095 | 0.0 | 48.907 | 1.706 | 0.0 | 43.997 | 1.364 | 0.0 | 40.707 | 1.348 |
| 5 | 3420 | 3421 | NS | 1 | 0.0 | 49.685 | 7.625 | 0.0 | 52.79 | 6.359 | 0.0 | 51.357 | 4.977 | 0.0 | 46.101 | 4.729 | 0.0 | 50.056 | 6.977 | 0.0 | 53.067 | 5.852 | 0.0 | 47.173 | 4.65 | 0.0 | 48.021 | 4.352 |
| 6 | 3420 | 3421 | SN | 1 | 0.0 | 48.826 | 3.822 | 0.0 | 45.16 | 3.671 | 0.0 | 42.312 | 2.865 | 0.0 | 47.173 | 2.725 | 0.0 | 49.524 | 3.237 | 0.0 | 45.671 | 3.214 | 0.0 | 43.011 | 2.453 | 0.0 | 46.806 | 2.283 |
| 7 | 3420 | 3421 | SN | 1 | 0.0 | 46.719 | 3.824 | 0.0 | 45.16 | 3.702 | 0.0 | 42.312 | 2.879 | 0.0 | 47.173 | 2.743 | 0.0 | 49.524 | 3.238 | 0.0 | 45.671 | 3.251 | 0.0 | 43.011 | 2.453 | 0.0 | 46.806 | 2.302 |
| 8 | 3420 | 3421 | SN | 1 | 0.0 | 48.826 | 3.897 | 0.0 | 45.16 | 3.737 | 0.0 | 42.312 | 2.92 | 0.0 | 47.173 | 2.775 | 0.0 | 49.524 | 3.3 | 0.0 | 45.671 | 3.272 | 0.0 | 43.011 | 2.5 | 0.0 | 46.806 | 2.325 |
| 9 | 3420 | 3421 | SN | 1 | 0.0 | 49.188 | 1.228 | 0.0 | 47.873 | 1.138 | 0.0 | 38.854 | 0.793 | 0.0 | 41.302 | 0.765 | 0.0 | 46.464 | 1.032 | 0.0 | 46.205 | 0.982 | 0.0 | 38.834 | 0.667 | 0.0 | 41.455 | 0.666 |
| 10 | 3420 | 3421 | SN | 1 | 0.0 | 49.188 | 1.255 | 0.0 | 47.873 | 1.146 | 0.0 | 38.854 | 0.809 | 0.0 | 41.302 | 0.768 | 0.0 | 47.948 | 1.052 | 0.0 | 46.205 | 0.989 | 0.0 | 38.834 | 0.682 | 0.0 | 41.455 | 0.67 |
| 11 | 3421 | 3422 | NS | 1 | 0.0 | 44.826 | 3.199 | 0.0 | 53.87 | 2.444 | 0.0 | 44.759 | 2.299 | 0.0 | 45.363 | 2.305 | 0.0 | 45.65 | 2.774 | 0.0 | 54.947 | 2.089 | 0.0 | 41.037 | 1.824 | 0.0 | 43.773 | 1.921 |
| 12 | 3421 | 3422 | SN | 1 | 0.0 | 50.746 | 5.647 | 0.0 | 51.766 | 5.099 | 0.0 | 41.732 | 3.917 | 0.0 | 44.434 | 4.024 | 0.0 | 49.949 | 5.163 | 0.0 | 49.199 | 4.501 | 0.0 | 42.725 | 3.639 | 0.0 | 48.619 | 3.589 |
| 13 | 3421 | 3422 | SN | 1 | 0.0 | 50.769 | 5.717 | 0.0 | 46.541 | 5.109 | 0.0 | 41.393 | 3.846 | 0.0 | 41.806 | 4.081 | 0.0 | 49.977 | 5.183 | 0.0 | 47.283 | 4.47 | 0.0 | 42.384 | 3.583 | 0.0 | 41.236 | 3.66 |
| 14 | 3421 | 3422 | NS | 1 | 0.0 | 41.781 | 1.026 | 0.0 | 51.381 | 0.693 | 0.0 | 45.169 | 0.794 | 0.0 | 41.017 | 0.718 | 0.0 | 44.59 | 0.789 | 0.0 | 48.726 | 0.562 | 0.0 | 41.544 | 0.629 | 0.0 | 41.466 | 0.614 |
| 15 | 3421 | 3422 | NS | 1 | 0.0 | 42.481 | 1.024 | 0.0 | 50.497 | 0.686 | 0.0 | 44.779 | 0.774 | 0.0 | 40.313 | 0.715 | 0.0 | 45.794 | 0.796 | 0.0 | 47.836 | 0.56 | 0.0 | 41.155 | 0.62 | 0.0 | 40.762 | 0.594 |
| 16 | 3421 | 3422 | SN | 1 | 0.0 | 47.346 | 1.917 | 0.0 | 45.756 | 1.54 | 0.0 | 39.314 | 1.313 | 0.0 | 44.357 | 1.466 | 0.0 | 45.823 | 1.703 | 0.0 | 44.118 | 1.343 | 0.0 | 38.235 | 1.192 | 0.0 | 44.254 | 1.226 |
| 17 | 3421 | 3422 | SN | 1 | 0.0 | 47.312 | 1.901 | 0.0 | 49.283 | 1.542 | 0.0 | 38.55 | 1.297 | 0.0 | 39.789 | 1.443 | 0.0 | 45.796 | 1.7 | 0.0 | 48.025 | 1.343 | 0.0 | 38.235 | 1.182 | 0.0 | 38.884 | 1.213 |
| 18 | 3421 | 3422 | NS | 1 | 0.0 | 50.276 | 3.219 | 0.0 | 49.971 | 2.393 | 0.0 | 45.148 | 2.257 | 0.0 | 46.067 | 2.333 | 0.0 | 46.464 | 2.743 | 0.0 | 51.807 | 2.099 | 0.0 | 41.426 | 1.831 | 0.0 | 44.427 | 1.963 |
| 19 | 3422 | 3423 | SN | 1 | 0.0 | 41.214 | 1.713 | 0.0 | 47.287 | 1.572 | 0.0 | 37.908 | 1.488 | 0.0 | 36.88 | 1.309 | 0.0 | 42.212 | 1.44 | 0.0 | 48.187 | 1.316 | 0.0 | 38.958 | 1.296 | 0.0 | 36.534 | 1.167 |
| 20 | 3422 | 3423 | NS | 1 | 0.0 | 49.987 | 1.977 | 0.0 | 47.355 | 1.501 | 0.0 | 39.289 | 1.279 | 0.0 | 42.634 | 1.325 | 0.0 | 47.574 | 1.718 | 0.0 | 46.349 | 1.311 | 0.0 | 37.792 | 1.078 | 0.0 | 45.223 | 1.126 |
| 21 | 3422 | 3423 | NS | 1 | 0.0 | 49.987 | 1.977 | 0.0 | 47.355 | 1.501 | 0.0 | 39.289 | 1.279 | 0.0 | 42.634 | 1.325 | 0.0 | 47.574 | 1.718 | 0.0 | 46.349 | 1.311 | 0.0 | 37.792 | 1.078 | 0.0 | 45.223 | 1.126 |
| 22 | 3422 | 3423 | SN | 1 | 0.0 | 41.214 | 1.713 | 0.0 | 47.287 | 1.554 | 0.0 | 37.908 | 1.488 | 0.0 | 36.88 | 1.294 | 0.0 | 42.212 | 1.44 | 0.0 | 48.187 | 1.301 | 0.0 | 38.958 | 1.296 | 0.0 | 36.534 | 1.154 |
| 23 | 3422 | 3423 | NS | 1 | 0.0 | 52.089 | 5.611 | 0.0 | 49.911 | 4.279 | 0.0 | 42.086 | 3.823 | 0.0 | 47.835 | 3.87 | 0.0 | 50.901 | 4.902 | 0.0 | 48.335 | 3.925 | 0.0 | 41.207 | 3.496 | 0.0 | 45.241 | 3.379 |
| 24 | 3422 | 3423 | SN | 1 | 0.0 | 41.214 | 1.746 | 0.0 | 47.287 | 1.586 | 0.0 | 37.908 | 1.515 | 0.0 | 36.88 | 1.319 | 0.0 | 42.212 | 1.472 | 0.0 | 48.187 | 1.328 | 0.0 | 38.958 | 1.32 | 0.0 | 36.534 | 1.178 |
| 25 | 3422 | 3423 | NS | 1 | 0.0 | 52.089 | 5.611 | 0.0 | 49.911 | 4.279 | 0.0 | 42.086 | 3.823 | 0.0 | 47.835 | 3.87 | 0.0 | 50.901 | 4.902 | 0.0 | 48.335 | 3.925 | 0.0 | 41.207 | 3.496 | 0.0 | 45.241 | 3.379 |
| 26 | 3422 | 3423 | SN | 1 | 0.0 | 46.37 | 5.314 | 0.0 | 52.535 | 4.412 | 0.0 | 39.94 | 4.171 | 0.0 | 42.346 | 4.197 | 0.0 | 44.531 | 4.467 | 0.0 | 52.027 | 4.027 | 0.0 | 41.369 | 3.73 | 0.0 | 45.966 | 3.755 |
| 27 | 3422 | 3423 | SN | 1 | 0.0 | 46.37 | 5.316 | 0.0 | 52.535 | 4.461 | 0.0 | 39.94 | 4.171 | 0.0 | 42.346 | 4.238 | 0.0 | 44.531 | 4.469 | 0.0 | 52.027 | 4.071 | 0.0 | 41.369 | 3.73 | 0.0 | 45.966 | 3.798 |
| 28 | 3422 | 3423 | SN | 1 | 0.0 | 46.37 | 5.412 | 0.0 | 52.535 | 4.49 | 0.0 | 39.94 | 4.258 | 0.0 | 42.346 | 4.267 | 0.0 | 44.531 | 4.548 | 0.0 | 52.027 | 4.098 | 0.0 | 41.369 | 3.808 | 0.0 | 45.966 | 3.816 |
| 29 | 3423 | 3424 | NS | 1 | 0.0 | 48.675 | 1.027 | 0.0 | 42.066 | 0.953 | 0.0 | 38.233 | 0.746 | 0.0 | 39.729 | 0.699 | 0.0 | 47.283 | 0.855 | 0.0 | 40.728 | 0.811 | 0.0 | 41.178 | 0.636 | 0.0 | 40.46 | 0.568 |
| 30 | 3423 | 3424 | SN | 1 | 0.0 | 41.351 | 1.862 | 0.0 | 43.369 | 1.407 | 0.0 | 35.632 | 1.383 | 0.0 | 43.321 | 1.197 | 0.0 | 42.377 | 1.779 | 0.0 | 40.998 | 1.302 | 0.0 | 34.467 | 1.344 | 0.0 | 42.88 | 1.133 |
| 31 | 3423 | 3424 | SN | 1 | 0.0 | 41.651 | 4.519 | 0.0 | 45.912 | 3.59 | 0.0 | 37.54 | 3.915 | 0.0 | 42.261 | 3.61 | 0.0 | 40.838 | 4.458 | 0.0 | 42.691 | 3.611 | 0.0 | 38.492 | 3.879 | 0.0 | 40.911 | 3.675 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 3423 | 3424 | SN | 1 | 0.0 | 41.651 | 4.517 | 0.0 | 45.912 | 3.571 | 0.0 | 37.54 | 3.915 | 0.0 | 42.261 | 3.569 | 0.0 | 40.838 | 4.457 | 0.0 | 42.691 | 3.571 | 0.0 | 38.492 | 3.879 | 0.0 | 40.911 | 3.633 |
| 33 | 3423 | 3424 | NS | 1 | 0.0 | 49.352 | 3.858 | 0.0 | 48.594 | 3.419 | 0.0 | 47.937 | 2.429 | 0.0 | 43.249 | 2.44 | 0.0 | 51.007 | 3.22 | 0.0 | 47.056 | 3.003 | 0.0 | 44.388 | 2.18 | 0.0 | 41.939 | 2.085 |
| 34 | 3423 | 3424 | NS | 1 | 0.0 | 51.746 | 3.899 | 0.0 | 49.171 | 3.418 | 0.0 | 42.44 | 2.558 | 0.0 | 48.789 | 2.483 | 0.0 | 50.752 | 3.281 | 0.0 | 48.886 | 2.799 | 0.0 | 39.821 | 2.288 | 0.0 | 47.92 | 2.034 |
| 35 | 3423 | 3424 | SN | 1 | 0.0 | 41.351 | 1.862 | 0.0 | 43.369 | 1.391 | 0.0 | 35.632 | 1.383 | 0.0 | 43.321 | 1.184 | 0.0 | 42.377 | 1.779 | 0.0 | 40.998 | 1.287 | 0.0 | 34.467 | 1.344 | 0.0 | 42.88 | 1.12 |
| 36 | 3423 | 3424 | SN | 1 | 0.0 | 41.651 | 4.656 | 0.0 | 45.912 | 3.662 | 0.0 | 37.54 | 4.024 | 0.0 | 42.261 | 3.673 | 0.0 | 40.838 | 4.594 | 0.0 | 42.691 | 3.672 | 0.0 | 38.492 | 4.002 | 0.0 | 40.911 | 3.739 |
| 37 | 3423 | 3424 | SN | 1 | 0.0 | 41.351 | 1.921 | 0.0 | 43.369 | 1.435 | 0.0 | 35.632 | 1.416 | 0.0 | 43.321 | 1.218 | 0.0 | 42.377 | 1.834 | 0.0 | 40.998 | 1.328 | 0.0 | 34.467 | 1.381 | 0.0 | 42.88 | 1.154 |
| 38 | 3423 | 3424 | NS | 1 | 0.0 | 42.484 | 1.031 | 0.0 | 49.1 | 0.945 | 0.0 | 41.624 | 0.734 | 0.0 | 42.454 | 0.693 | 0.0 | 42.348 | 0.853 | 0.0 | 46.987 | 0.793 | 0.0 | 39.332 | 0.647 | 0.0 | 40.521 | 0.62 |
| 39 | 3424 | 3425 | SN | 1 | 0.0 | 41.095 | 2.128 | 0.0 | 42.87 | 1.858 | 0.0 | 37.425 | 1.739 | 0.0 | 45.93 | 1.522 | 0.0 | 38.368 | 2.053 | 0.0 | 41.045 | 1.851 | 0.0 | 36.821 | 1.762 | 0.0 | 43.485 | 1.435 |
| 40 | 3424 | 3425 | NS | 1 | 0.0 | 49.031 | 7.301 | 0.0 | 54.666 | 5.731 | 0.0 | 44.261 | 4.929 | 0.0 | 53.144 | 4.354 | 0.0 | 49.071 | 6.278 | 0.0 | 54.829 | 4.991 | 0.0 | 44.984 | 4.304 | 0.0 | 50.847 | 3.885 |
| 41 | 3424 | 3425 | SN | 1 | 0.0 | 41.095 | 2.036 | 0.0 | 42.87 | 1.783 | 0.0 | 37.425 | 1.667 | 0.0 | 45.93 | 1.458 | 0.0 | 38.368 | 1.963 | 0.0 | 41.045 | 1.771 | 0.0 | 36.821 | 1.686 | 0.0 | 43.485 | 1.374 |
| 42 | 3424 | 3425 | SN | 1 | 0.0 | 45.621 | 6.653 | 0.0 | 41.402 | 5.388 | 0.0 | 40.357 | 5.028 | 0.0 | 39.413 | 4.126 | 0.0 | 43.481 | 6.411 | 0.0 | 42.408 | 5.276 | 0.0 | 37.466 | 5.042 | 0.0 | 39.772 | 4.147 |
| 43 | 3424 | 3425 | NS | 1 | 0.0 | 47.694 | 2.298 | 0.0 | 51.896 | 1.713 | 0.0 | 46.719 | 1.518 | 0.0 | 44.549 | 1.46 | 0.0 | 46.676 | 1.866 | 0.0 | 53.743 | 1.381 | 0.0 | 45.103 | 1.296 | 0.0 | 42.71 | 1.145 |
| 44 | 3424 | 3425 | NS | 1 | 0.0 | 47.909 | 2.297 | 0.0 | 45.005 | 1.712 | 0.0 | 48.399 | 1.569 | 0.0 | 44.102 | 1.384 | 0.0 | 44.482 | 1.893 | 0.0 | 47.995 | 1.448 | 0.0 | 46.139 | 1.287 | 0.0 | 41.261 | 1.16 |
| 45 | 3424 | 3425 | SN | 1 | 0.0 | 45.621 | 6.666 | 0.0 | 41.402 | 5.447 | 0.0 | 40.357 | 5.028 | 0.0 | 39.413 | 4.166 | 0.0 | 43.481 | 6.424 | 0.0 | 42.408 | 5.334 | 0.0 | 37.466 | 5.042 | 0.0 | 39.772 | 4.181 |
| 46 | 3424 | 3425 | NS | 1 | 0.0 | 49.94 | 7.22 | 0.0 | 52.318 | 5.71 | 0.0 | 42.962 | 4.675 | 0.0 | 52.227 | 4.673 | 0.0 | 49.54 | 6.39 | 0.0 | 50.93 | 4.848 | 0.0 | 44.634 | 4.092 | 0.0 | 50.09 | 3.976 |
| 47 | 3424 | 3425 | SN | 1 | 0.0 | 41.095 | 2.036 | 0.0 | 42.87 | 1.803 | 0.0 | 37.425 | 1.667 | 0.0 | 45.93 | 1.474 | 0.0 | 38.368 | 1.963 | 0.0 | 41.045 | 1.791 | 0.0 | 36.821 | 1.686 | 0.0 | 43.485 | 1.389 |
| 48 | 3424 | 3425 | SN | 1 | 0.0 | 45.621 | 6.954 | 0.0 | 41.402 | 5.564 | 0.0 | 40.357 | 5.25 | 0.0 | 39.413 | 4.269 | 0.0 | 43.481 | 6.7 | 0.0 | 42.408 | 5.48 | 0.0 | 37.466 | 5.28 | 0.0 | 39.772 | 4.307 |
| 49 | 3425 | 3426 | NS | 1 | 0.0 | 44.213 | 2.602 | 0.0 | 43.093 | 1.987 | 0.0 | 40.91 | 1.813 | 0.0 | 42.357 | 1.721 | 0.0 | 43.888 | 2.177 | 0.0 | 43.108 | 1.797 | 0.0 | 39.055 | 1.539 | 0.0 | 41.825 | 1.387 |
| 50 | 3425 | 3426 | NS | 1 | 0.0 | 46.713 | 2.533 | 0.0 | 48.263 | 2.115 | 0.0 | 42.527 | 1.772 | 0.0 | 46.33 | 1.778 | 0.0 | 49.592 | 2.109 | 0.0 | 47.864 | 1.867 | 0.0 | 43.309 | 1.476 | 0.0 | 43.393 | 1.479 |
| 51 | 3425 | 3426 | NS | 1 | 0.0 | 51.863 | 7.534 | 0.0 | 50.678 | 6.823 | 0.0 | 48.488 | 5.438 | 0.0 | 43.318 | 5.376 | 0.0 | 52.291 | 6.967 | 0.0 | 48.514 | 6.022 | 0.0 | 44.167 | 4.757 | 0.0 | 44.032 | 4.622 |
| 52 | 3425 | 3426 | SN | 1 | 0.0 | 44.233 | 3.278 | 0.0 | 50.984 | 3.303 | 0.0 | 41.204 | 2.082 | 0.0 | 47.072 | 2.073 | 0.0 | 41.471 | 3.136 | 0.0 | 50.692 | 3.169 | 0.0 | 42.175 | 1.97 | 0.0 | 45.131 | 1.913 |
| 53 | 3425 | 3426 | SN | 1 | 0.0 | 50.414 | 10.855 | 0.0 | 54.929 | 10.436 | 0.0 | 55.69 | 7.498 | 0.0 | 46.158 | 7.25 | 0.0 | 55.061 | 10.436 | 0.0 | 56.672 | 10.166 | 0.0 | 54.01 | 7.164 | 0.0 | 46.508 | 7.067 |
| 54 | 3425 | 3426 | NS | 1 | 0.0 | 48.195 | 7.565 | 0.0 | 55.539 | 6.654 | 0.0 | 47.058 | 5.455 | 0.0 | 48.073 | 5.477 | 0.0 | 51.482 | 6.795 | 0.0 | 54.774 | 6.015 | 0.0 | 44.275 | 4.866 | 0.0 | 48.595 | 4.566 |
| 55 | 3425 | 3426 | SN | 1 | 0.0 | 44.233 | 3.492 | 0.0 | 50.984 | 3.446 | 0.0 | 41.204 | 2.216 | 0.0 | 47.072 | 2.163 | 0.0 | 41.471 | 3.34 | 0.0 | 50.692 | 3.309 | 0.0 | 42.175 | 2.099 | 0.0 | 45.131 | 2.004 |
| 56 | 3425 | 3426 | SN | 1 | 0.0 | 50.414 | 10.206 | 0.0 | 54.929 | 10.046 | 0.0 | 55.69 | 7.053 | 0.0 | 46.158 | 6.954 | 0.0 | 55.061 | 9.812 | 0.0 | 56.672 | 9.749 | 0.0 | 54.01 | 6.726 | 0.0 | 46.508 | 6.759 |
| 57 | 3426 | 3427 | NS | 1 | 0.0 | 44.659 | 4.263 | 0.0 | 49.659 | 3.804 | 0.0 | 39.934 | 4.006 | 0.0 | 42.784 | 3.884 | 0.0 | 46.564 | 3.818 | 0.0 | 52.269 | 3.429 | 0.0 | 39.07 | 3.651 | 0.0 | 42.827 | 3.635 |
| 58 | 3426 | 3427 | NS | 1 | 0.0 | 44.659 | 4.263 | 0.0 | 49.659 | 3.804 | 0.0 | 39.934 | 4.006 | 0.0 | 42.784 | 3.884 | 0.0 | 46.564 | 3.818 | 0.0 | 52.269 | 3.429 | 0.0 | 39.07 | 3.651 | 0.0 | 42.827 | 3.635 |
| 59 | 3426 | 3427 | SN | 1 | 0.0 | 55.776 | 12.028 | 0.0 | 53.421 | 11.911 | 0.0 | 48.794 | 8.096 | 0.0 | 50.54 | 8.368 | 0.0 | 54.52 | 11.608 | 0.0 | 53.324 | 11.933 | 0.0 | 47.294 | 7.706 | 0.0 | 52.234 | 8.118 |
| 60 | 3426 | 3427 | SN | 1 | 0.0 | 55.776 | 11.163 | 0.0 | 53.421 | 11.255 | 0.0 | 48.794 | 7.424 | 0.0 | 50.54 | 7.827 | 0.0 | 54.52 | 10.729 | 0.0 | 53.324 | 11.193 | 0.0 | 47.294 | 7.047 | 0.0 | 52.234 | 7.567 |
| 61 | 3426 | 3427 | SN | 1 | 0.0 | 55.776 | 11.156 | 0.0 | 53.421 | 11.143 | 0.0 | 48.794 | 7.422 | 0.0 | 50.54 | 7.737 | 0.0 | 54.52 | 10.722 | 0.0 | 53.324 | 11.082 | 0.0 | 47.294 | 7.045 | 0.0 | 52.234 | 7.481 |
| 62 | 3426 | 3427 | SN | 1 | 0.0 | 54.145 | 3.725 | 0.0 | 54.683 | 3.864 | 0.0 | 49.863 | 2.148 | 0.0 | 42.476 | 2.279 | 0.0 | 55.627 | 3.431 | 0.0 | 53.365 | 3.824 | 0.0 | 46.741 | 2.011 | 0.0 | 43.71 | 2.232 |
| 63 | 3426 | 3427 | SN | 1 | 0.0 | 54.145 | 3.434 | 0.0 | 54.683 | 3.614 | 0.0 | 49.863 | 1.979 | 0.0 | 42.476 | 2.133 | 0.0 | 55.627 | 3.152 | 0.0 | 53.365 | 3.564 | 0.0 | 46.741 | 1.848 | 0.0 | 43.71 | 2.074 |
| 64 | 3426 | 3427 | SN | 1 | 0.0 | 54.145 | 3.433 | 0.0 | 54.683 | 3.578 | 0.0 | 49.863 | 1.978 | 0.0 | 42.476 | 2.109 | 0.0 | 55.627 | 3.151 | 0.0 | 53.365 | 3.529 | 0.0 | 46.741 | 1.847 | 0.0 | 43.71 | 2.05 |
| 65 | 3426 | 3427 | NS | 1 | 0.0 | 46.009 | 1.431 | 0.0 | 43.325 | 1.244 | 0.0 | 34.277 | 1.379 | 0.0 | 45.061 | 1.341 | 0.0 | 43.413 | 1.248 | 0.0 | 42.506 | 1.067 | 0.0 | 34.889 | 1.275 | 0.0 | 43.859 | 1.187 |
| 66 | 3426 | 3427 | NS | 1 | 0.0 | 46.009 | 1.431 | 0.0 | 43.325 | 1.244 | 0.0 | 34.277 | 1.379 | 0.0 | 45.061 | 1.341 | 0.0 | 43.413 | 1.248 | 0.0 | 42.506 | 1.067 | 0.0 | 34.889 | 1.275 | 0.0 | 43.859 | 1.187 |
| 67 | 3427 | 3428 | NS | 1 | 0.0 | 45.661 | 1.631 | 0.0 | 47.318 | 1.373 | 0.0 | 34.769 | 1.136 | 0.0 | 40.021 | 1.049 | 0.0 | 44.765 | 1.419 | 0.0 | 47.792 | 1.17 | 0.0 | 37.421 | 1.021 | 0.0 | 36.405 | 0.907 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 3427 | 3428 | NS | 1 | 0.0 | 46.141 | 5.134 | 0.0 | 52.488 | 4.748 | 0.0 | 45.547 | 3.564 | 0.0 | 49.062 | 3.239 | 0.0 | 46.666 | 4.506 | 0.0 | 52.988 | 3.977 | 0.0 | 43.722 | 3.28 | 0.0 | 49.304 | 3.025 |
| 69 | 3427 | 3428 | SN | 1 | 0.0 | 51.138 | 5.417 | 0.0 | 56.52 | 4.916 | 0.0 | 46.104 | 3.357 | 0.0 | 45.964 | 4.27 | 0.0 | 49.511 | 5.013 | 0.0 | 60.698 | 4.541 | 0.0 | 42.159 | 3.072 | 0.0 | 46.021 | 3.67 |
| 70 | 3427 | 3428 | NS | 1 | 0.0 | 42.205 | 1.594 | 0.0 | 52.62 | 1.398 | 0.0 | 43.107 | 1.012 | 0.0 | 42.397 | 1.17 | 0.0 | 40.22 | 1.441 | 0.0 | 52.509 | 1.193 | 0.0 | 41.052 | 0.932 | 0.0 | 39.099 | 1.013 |
| 71 | 3427 | 3428 | NS | 1 | 0.0 | 45.701 | 5.468 | 0.0 | 51.924 | 4.646 | 0.0 | 40.01 | 3.345 | 0.0 | 41.883 | 3.18 | 0.0 | 47.038 | 4.587 | 0.0 | 51.765 | 4.047 | 0.0 | 41.945 | 3.132 | 0.0 | 40.123 | 2.995 |
| 72 | 3427 | 3428 | SN | 1 | 0.0 | 49.778 | 1.433 | 0.0 | 43.143 | 1.652 | 0.0 | 39.527 | 0.866 | 0.0 | 41.455 | 1.164 | 0.0 | 48.42 | 1.193 | 0.0 | 43.298 | 1.468 | 0.0 | 37.733 | 0.756 | 0.0 | 37.75 | 1.011 |
| 73 | 3427 | 3428 | SN | 1 | 0.0 | 49.778 | 1.433 | 0.0 | 43.143 | 1.652 | 0.0 | 39.527 | 0.866 | 0.0 | 41.455 | 1.164 | 0.0 | 48.42 | 1.193 | 0.0 | 43.298 | 1.468 | 0.0 | 37.733 | 0.756 | 0.0 | 37.75 | 1.011 |
| 74 | 3427 | 3428 | SN | 1 | 0.0 | 51.138 | 5.417 | 0.0 | 56.52 | 4.916 | 0.0 | 46.104 | 3.357 | 0.0 | 45.964 | 4.27 | 0.0 | 49.511 | 5.013 | 0.0 | 60.698 | 4.541 | 0.0 | 42.159 | 3.072 | 0.0 | 46.021 | 3.67 |
| 75 | 3428 | 3429 | SN | 1 | 0.0 | 45.519 | 4.732 | 0.0 | 39.628 | 3.495 | 0.0 | 42.962 | 2.546 | 0.0 | 40.081 | 2.774 | 0.0 | 43.976 | 4.036 | 0.0 | 39.055 | 2.908 | 0.0 | 40.447 | 2.062 | 0.0 | 41.055 | 2.425 |
| 76 | 3428 | 3429 | SN | 1 | 0.0 | 41.163 | 1.358 | 0.0 | 39.951 | 0.973 | 0.0 | 43.166 | 0.875 | 0.0 | 35.265 | 0.902 | 0.0 | 41.11 | 1.064 | 0.0 | 39.872 | 0.792 | 0.0 | 40.447 | 0.705 | 0.0 | 33.737 | 0.718 |
| 77 | 3428 | 3429 | NS | 1 | 0.0 | 56.422 | 5.508 | 0.0 | 52.578 | 4.663 | 0.0 | 41.557 | 3.65 | 0.0 | 43.519 | 3.683 | 0.0 | 55.371 | 4.779 | 0.0 | 51.538 | 4.025 | 0.0 | 41.578 | 3.252 | 0.0 | 44.586 | 3.278 |
| 78 | 3428 | 3429 | NS | 1 | 0.0 | 56.422 | 5.508 | 0.0 | 52.578 | 4.663 | 0.0 | 41.557 | 3.65 | 0.0 | 43.519 | 3.683 | 0.0 | 55.371 | 4.779 | 0.0 | 51.538 | 4.025 | 0.0 | 41.578 | 3.252 | 0.0 | 44.586 | 3.278 |
| 79 | 3428 | 3429 | NS | 1 | 0.0 | 43.967 | 1.737 | 0.0 | 45.254 | 1.35 | 0.0 | 45.94 | 1.079 | 0.0 | 43.836 | 1.053 | 0.0 | 45.469 | 1.419 | 0.0 | 43.692 | 1.196 | 0.0 | 45.922 | 0.969 | 0.0 | 43.073 | 0.906 |
| 80 | 3428 | 3429 | NS | 1 | 0.0 | 43.967 | 1.737 | 0.0 | 45.254 | 1.35 | 0.0 | 45.94 | 1.079 | 0.0 | 43.836 | 1.053 | 0.0 | 45.469 | 1.419 | 0.0 | 43.692 | 1.196 | 0.0 | 45.922 | 0.969 | 0.0 | 43.073 | 0.906 |
| 81 | 3429 | 3430 | NS | 1 | 0.0 | 40.685 | 1.61 | 0.0 | 40.952 | 1.379 | 0.0 | 39.708 | 1.151 | 0.0 | 39.435 | 1.197 | 0.0 | 39.978 | 1.294 | 0.0 | 44.105 | 1.16 | 0.0 | 38.24 | 0.962 | 0.0 | 39.578 | 0.94 |
| 82 | 3429 | 3430 | NS | 1 | 0.0 | 51.161 | 4.788 | 0.0 | 46.619 | 3.915 | 0.0 | 39.729 | 3.322 | 0.0 | 47.59 | 3.357 | 0.0 | 48.197 | 4.009 | 0.0 | 47.152 | 3.438 | 0.0 | 40.948 | 2.832 | 0.0 | 45.466 | 2.902 |
| 83 | 3434 | 3435 | SN | 1 | 0.0 | 40.05 | 1.285 | 0.0 | 47.77 | 1.126 | 0.0 | 39.566 | 0.8 | 0.0 | 44.764 | 0.731 | 0.0 | 38.984 | 1.053 | 0.0 | 46.919 | 0.973 | 0.0 | 38.953 | 0.652 | 0.0 | 42.521 | 0.627 |
| 84 | 3434 | 3435 | NS | 1 | 0.0 | 50.912 | 4.152 | 0.0 | 46.886 | 3.345 | 0.0 | 47.832 | 2.215 | 0.0 | 44.984 | 2.311 | 0.0 | 51.899 | 3.793 | 0.0 | 46.956 | 3.12 | 0.0 | 48.1 | 2.08 | 0.0 | 42.307 | 2.02 |
| 85 | 3434 | 3435 | SN | 1 | 0.0 | 48.136 | 4.63 | 0.0 | 57.796 | 4.172 | 0.0 | 44.913 | 2.879 | 0.0 | 48.429 | 2.772 | 0.0 | 49.472 | 3.975 | 0.0 | 61.567 | 3.844 | 0.0 | 43.909 | 2.353 | 0.0 | 51.85 | 2.252 |
| 86 | 3434 | 3435 | SN | 1 | 0.0 | 40.05 | 1.249 | 0.0 | 47.77 | 1.108 | 0.0 | 39.566 | 0.783 | 0.0 | 44.764 | 0.722 | 0.0 | 38.984 | 1.019 | 0.0 | 46.919 | 0.957 | 0.0 | 38.953 | 0.634 | 0.0 | 42.521 | 0.617 |
| 87 | 3434 | 3435 | NS | 1 | 0.0 | 57.551 | 12.909 | 0.0 | 59.691 | 11.023 | 0.0 | 50.223 | 8.122 | 0.0 | 49.656 | 7.93 | 0.0 | 57.306 | 12.362 | 0.0 | 58.913 | 10.719 | 0.0 | 50.44 | 7.696 | 0.0 | 48.723 | 7.219 |
| 88 | 3434 | 3435 | SN | 1 | 0.0 | 48.136 | 4.762 | 0.0 | 57.796 | 4.243 | 0.0 | 44.913 | 2.875 | 0.0 | 48.429 | 2.805 | 0.0 | 49.472 | 4.088 | 0.0 | 61.567 | 3.91 | 0.0 | 43.909 | 2.37 | 0.0 | 51.85 | 2.278 |
| 89 | 3435 | 3436 | SN | 1 | 0.0 | 54.894 | 3.982 | 0.0 | 44.701 | 3.281 | 0.0 | 44.244 | 3.269 | 0.0 | 47.422 | 2.946 | 0.0 | 51.914 | 3.821 | 0.0 | 46.28 | 2.984 | 0.0 | 45.7 | 2.878 | 0.0 | 45.895 | 2.722 |
| 90 | 3435 | 3436 | SN | 1 | 0.0 | 39.332 | 1.348 | 0.0 | 48.447 | 1.221 | 0.0 | 37.583 | 1.05 | 0.0 | 37.936 | 0.983 | 0.0 | 37.72 | 1.247 | 0.0 | 46.893 | 1.075 | 0.0 | 36.24 | 0.873 | 0.0 | 38.497 | 0.87 |
| 91 | 3435 | 3436 | NS | 1 | 0.0 | 43.782 | 6.127 | 0.0 | 51.852 | 4.503 | 0.0 | 40.601 | 3.801 | 0.0 | 41.956 | 3.208 | 0.0 | 45.212 | 5.428 | 0.0 | 52.689 | 4.178 | 0.0 | 40.181 | 3.247 | 0.0 | 43.324 | 2.767 |
| 92 | 3435 | 3436 | SN | 1 | 0.0 | 54.894 | 4.041 | 0.0 | 44.701 | 3.285 | 0.0 | 44.244 | 3.319 | 0.0 | 47.422 | 2.958 | 0.0 | 51.914 | 3.877 | 0.0 | 46.28 | 2.988 | 0.0 | 45.7 | 2.922 | 0.0 | 45.895 | 2.726 |
| 93 | 3435 | 3436 | SN | 1 | 0.0 | 39.332 | 1.369 | 0.0 | 48.447 | 1.225 | 0.0 | 37.583 | 1.065 | 0.0 | 37.936 | 0.986 | 0.0 | 37.72 | 1.265 | 0.0 | 46.893 | 1.078 | 0.0 | 36.24 | 0.884 | 0.0 | 38.497 | 0.874 |
| 94 | 3435 | 3436 | NS | 1 | 0.0 | 49.818 | 1.837 | 0.0 | 48.051 | 1.438 | 0.0 | 39.105 | 1.136 | 0.0 | 37.061 | 0.993 | 0.0 | 45.1 | 1.584 | 0.0 | 43.241 | 1.167 | 0.0 | 38.474 | 0.945 | 0.0 | 38.868 | 0.821 |
| 95 | 3436 | 3437 | SN | 1 | 0.0 | 51.586 | 1.93 | 0.0 | 38.944 | 1.321 | 0.0 | 37.676 | 1.307 | 0.0 | 36.484 | 1.278 | 0.0 | 49.81 | 1.495 | 0.0 | 35.899 | 1.021 | 0.0 | 38.316 | 1.016 | 0.0 | 35.51 | 0.985 |
| 96 | 3436 | 3437 | SN | 1 | 0.0 | 43.113 | 4.98 | 0.0 | 47.756 | 3.619 | 0.0 | 40.958 | 3.731 | 0.0 | 43.455 | 3.343 | 0.0 | 42.816 | 4.083 | 0.0 | 49.747 | 3.014 | 0.0 | 38.596 | 3.056 | 0.0 | 40.353 | 2.7 |
| 97 | 3436 | 3437 | SN | 1 | 0.0 | 43.113 | 5.065 | 0.0 | 47.756 | 3.633 | 0.0 | 40.958 | 3.796 | 0.0 | 43.455 | 3.35 | 0.0 | 42.816 | 4.152 | 0.0 | 49.747 | 3.026 | 0.0 | 38.596 | 3.102 | 0.0 | 40.353 | 2.704 |
| 98 | 3436 | 3437 | SN | 1 | 0.0 | 43.113 | 4.978 | 0.0 | 47.756 | 3.579 | 0.0 | 40.958 | 3.731 | 0.0 | 43.455 | 3.305 | 0.0 | 42.816 | 4.081 | 0.0 | 49.747 | 2.981 | 0.0 | 38.596 | 3.056 | 0.0 | 40.353 | 2.67 |
| 99 | 3436 | 3437 | NS | 1 | 0.0 | 47.815 | 1.478 | 0.0 | 56.891 | 1.215 | 0.0 | 37.553 | 1.025 | 0.0 | 41.682 | 1.029 | 0.0 | 47.48 | 1.198 | 0.0 | 54.067 | 0.978 | 0.0 | 36.601 | 0.863 | 0.0 | 40.465 | 0.786 |
| 100 | 3436 | 3437 | SN | 1 | 0.0 | 51.586 | 1.899 | 0.0 | 38.944 | 1.303 | 0.0 | 37.676 | 1.286 | 0.0 | 36.484 | 1.26 | 0.0 | 49.81 | 1.47 | 0.0 | 35.899 | 1.008 | 0.0 | 38.316 | 1.004 | 0.0 | 35.51 | 0.97 |
| 101 | 3436 | 3437 | NS | 1 | 0.0 | 41.981 | 4.253 | 0.0 | 49.94 | 3.407 | 0.0 | 40.802 | 2.856 | 0.0 | 41.214 | 3.158 | 0.0 | 45.257 | 3.504 | 0.0 | 49.742 | 2.657 | 0.0 | 39.419 | 2.579 | 0.0 | 36.654 | 2.724 |
| 102 | 3436 | 3437 | NS | 1 | 0.0 | 41.981 | 4.253 | 0.0 | 49.94 | 3.407 | 0.0 | 40.802 | 2.856 | 0.0 | 41.214 | 3.158 | 0.0 | 45.257 | 3.504 | 0.0 | 49.742 | 2.657 | 0.0 | 39.419 | 2.579 | 0.0 | 36.654 | 2.724 |
| 103 | 3436 | 3437 | NS | 1 | 0.0 | 47.815 | 1.478 | 0.0 | 56.891 | 1.215 | 0.0 | 37.553 | 1.025 | 0.0 | 41.682 | 1.029 | 0.0 | 47.48 | 1.198 | 0.0 | 54.067 | 0.978 | 0.0 | 36.601 | 0.863 | 0.0 | 40.465 | 0.786 |

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

Normal
Alarming
Deviations
High Errors

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104 | 3436 | 3437 | SN | 1 | 0.0 | 51.586 | 1.899 | 0.0 | 38.944 | 1.317 | 0.0 | 37.676 | 1.286 | 0.0 | 36.484 | 1.275 | 0.0 | 49.81 | 1.47 | 0.0 | 35.899 | 1.019 | 0.0 | 38.316 | 1.002 | 0.0 | 35.51 | 0.981 |
| 105 | 3437 | 3438 | NS | 1 | 0.0 | 52.73 | 1.71 | 0.0 | 51.02 | 1.526 | 0.0 | 41.085 | 1.081 | 0.0 | 38.271 | 1.032 | 0.0 | 48.915 | 1.566 | 0.0 | 47.82 | 1.328 | 0.0 | 43.992 | 1.007 | 0.0 | 40.348 | 0.896 |
| 106 | 3437 | 3438 | SN | 1 | 0.0 | 43.596 | 5.033 | 0.0 | 47.89 | 4.616 | 0.0 | 43.16 | 3.427 | 0.0 | 39.684 | 3.435 | 0.0 | 43.361 | 4.713 | 0.0 | 48.809 | 4.243 | 0.0 | 43.633 | 3.121 | 0.0 | 39.109 | 3.047 |
| 107 | 3437 | 3438 | SN | 1 | 0.0 | 40.714 | 1.561 | 0.0 | 39.787 | 1.389 | 0.0 | 37.807 | 1.061 | 0.0 | 36.085 | 1.106 | 0.0 | 39.842 | 1.378 | 0.0 | 40.058 | 1.245 | 0.0 | 41.282 | 0.941 | 0.0 | 34.683 | 0.873 |
| 108 | 3437 | 3438 | SN | 1 | 0.0 | 40.714 | 1.525 | 0.0 | 39.787 | 1.357 | 0.0 | 37.807 | 1.047 | 0.0 | 36.085 | 1.08 | 0.0 | 39.842 | 1.345 | 0.0 | 40.058 | 1.217 | 0.0 | 41.282 | 0.923 | 0.0 | 34.683 | 0.853 |
| 109 | 3437 | 3438 | SN | 1 | 0.0 | 43.596 | 4.915 | 0.0 | 47.89 | 4.563 | 0.0 | 43.16 | 3.364 | 0.0 | 39.684 | 3.394 | 0.0 | 43.361 | 4.602 | 0.0 | 48.809 | 4.194 | 0.0 | 43.633 | 3.051 | 0.0 | 39.109 | 3.018 |
| 110 | 3437 | 3438 | NS | 1 | 0.0 | 52.42 | 5.985 | 0.0 | 46.845 | 5.384 | 0.0 | 45.807 | 3.631 | 0.0 | 42.918 | 3.742 | 0.0 | 51.02 | 5.235 | 0.0 | 47.48 | 4.857 | 0.0 | 45.074 | 3.411 | 0.0 | 43.6 | 3.279 |
| 111 | 3437 | 3438 | NS | 1 | 0.0 | 50.146 | 5.721 | 0.0 | 48.316 | 5.243 | 0.0 | 48.514 | 3.714 | 0.0 | 43.482 | 3.742 | 0.0 | 51.427 | 5.174 | 0.0 | 49.465 | 4.817 | 0.0 | 47.731 | 3.338 | 0.0 | 43.079 | 3.259 |
| 112 | 3437 | 3438 | NS | 1 | 0.0 | 47.767 | 1.651 | 0.0 | 50.27 | 1.504 | 0.0 | 46.285 | 1.021 | 0.0 | 38.282 | 1.001 | 0.0 | 46.495 | 1.558 | 0.0 | 48.178 | 1.321 | 0.0 | 45.592 | 0.913 | 0.0 | 35.206 | 0.88 |
| 113 | 3437 | 3438 | SN | 1 | 0.0 | 43.596 | 4.913 | 0.0 | 47.89 | 4.513 | 0.0 | 43.16 | 3.364 | 0.0 | 39.684 | 3.355 | 0.0 | 43.361 | 4.6 | 0.0 | 48.809 | 4.148 | 0.0 | 43.633 | 3.051 | 0.0 | 39.109 | 2.984 |
| 114 | 3437 | 3438 | SN | 1 | 0.0 | 40.714 | 1.523 | 0.0 | 39.787 | 1.372 | 0.0 | 37.807 | 1.046 | 0.0 | 36.085 | 1.093 | 0.0 | 39.842 | 1.344 | 0.0 | 40.058 | 1.23 | 0.0 | 41.282 | 0.923 | 0.0 | 34.683 | 0.862 |
| 115 | 3438 | 3439 | SN | 1 | 0.0 | 44.569 | 1.416 | 0.0 | 41.139 | 1.11 | 0.0 | 38.324 | 1.028 | 0.0 | 38.841 | 0.959 | 0.0 | 48.637 | 1.06 | 0.0 | 38.445 | 0.821 | 0.0 | 37.675 | 0.785 | 0.0 | 36.295 | 0.729 |
| 116 | 3438 | 3439 | SN | 1 | 0.0 | 41.508 | 4.157 | 0.0 | 41.195 | 3.094 | 0.0 | 38.01 | 2.943 | 0.0 | 36.498 | 2.771 | 0.0 | 39.503 | 3.057 | 0.0 | 46.446 | 2.53 | 0.0 | 37.47 | 2.346 | 0.0 | 38.905 | 2.15 |
| 117 | 3438 | 3439 | SN | 1 | 0.0 | 44.569 | 1.367 | 0.0 | 41.139 | 1.083 | 0.0 | 38.324 | 0.999 | 0.0 | 38.841 | 0.939 | 0.0 | 48.637 | 1.021 | 0.0 | 38.445 | 0.801 | 0.0 | 37.675 | 0.761 | 0.0 | 36.295 | 0.712 |
| 118 | 3438 | 3439 | NS | 1 | 0.0 | 43.788 | 1.721 | 0.0 | 47.583 | 1.641 | 0.0 | 42.304 | 1.212 | 0.0 | 44.673 | 1.369 | 0.0 | 44.977 | 1.545 | 0.0 | 49.027 | 1.499 | 0.0 | 44.091 | 1.081 | 0.0 | 41.782 | 1.181 |
| 119 | 3438 | 3439 | NS | 1 | 0.0 | 52.197 | 5.063 | 0.0 | 46.489 | 4.845 | 0.0 | 46.271 | 3.863 | 0.0 | 47.434 | 4.246 | 0.0 | 50.954 | 4.658 | 0.0 | 49.05 | 4.379 | 0.0 | 43.544 | 3.764 | 0.0 | 44.22 | 3.769 |
| 120 | 3438 | 3439 | NS | 1 | 0.0 | 49.004 | 5.033 | 0.0 | 53.659 | 4.764 | 0.0 | 51.159 | 3.892 | 0.0 | 48.355 | 4.288 | 0.0 | 48.187 | 4.689 | 0.0 | 53.446 | 4.247 | 0.0 | 51.326 | 3.771 | 0.0 | 47.771 | 3.833 |
| 121 | 3438 | 3439 | SN | 1 | 0.0 | 45.347 | 1.333 | 0.0 | 38.557 | 1.071 | 0.0 | 41.441 | 1.026 | 0.0 | 40.344 | 0.907 | 0.0 | 49.415 | 1.003 | 0.0 | 38.491 | 0.792 | 0.0 | 40.793 | 0.772 | 0.0 | 38.228 | 0.674 |
| 122 | 3438 | 3439 | SN | 1 | 0.0 | 39.026 | 4.175 | 0.0 | 40.61 | 3.041 | 0.0 | 39.281 | 2.872 | 0.0 | 40.513 | 2.717 | 0.0 | 38.771 | 3.026 | 0.0 | 45.862 | 2.544 | 0.0 | 38.895 | 2.275 | 0.0 | 39.11 | 2.075 |
| 123 | 3438 | 3439 | SN | 1 | 0.0 | 41.508 | 4.311 | 0.0 | 41.195 | 3.172 | 0.0 | 38.01 | 3.032 | 0.0 | 36.498 | 2.848 | 0.0 | 39.503 | 3.171 | 0.0 | 46.446 | 2.595 | 0.0 | 37.47 | 2.413 | 0.0 | 38.905 | 2.204 |
| 124 | 3438 | 3439 | NS | 1 | 0.0 | 46.412 | 1.725 | 0.0 | 49.569 | 1.648 | 0.0 | 42.338 | 1.184 | 0.0 | 42.151 | 1.351 | 0.0 | 43.116 | 1.574 | 0.0 | 49.025 | 1.526 | 0.0 | 39.01 | 1.076 | 0.0 | 40.167 | 1.16 |
| 125 | 3439 | 3440 | SN | 1 | 0.0 | 46.636 | 2.61 | 0.0 | 50.889 | 2.669 | 0.0 | 42.289 | 1.89 | 0.0 | 42.117 | 2.022 | 0.0 | 50.152 | 2.332 | 0.0 | 50.349 | 2.449 | 0.0 | 40.796 | 1.748 | 0.0 | 41.065 | 1.716 |
| 126 | 3439 | 3440 | NS | 1 | 0.0 | 55.137 | 7.666 | 0.0 | 54.352 | 6.64 | 0.0 | 44.317 | 5.951 | 0.0 | 43.582 | 5.419 | 0.0 | 53.08 | 6.754 | 0.0 | 54.871 | 5.971 | 0.0 | 44.044 | 5.397 | 0.0 | 44.377 | 4.871 |
| 127 | 3439 | 3440 | SN | 1 | 0.0 | 46.636 | 2.609 | 0.0 | 50.889 | 2.639 | 0.0 | 42.289 | 1.89 | 0.0 | 42.117 | 1.999 | 0.0 | 50.152 | 2.332 | 0.0 | 50.349 | 2.422 | 0.0 | 40.796 | 1.748 | 0.0 | 41.065 | 1.697 |
| 128 | 3439 | 3440 | NS | 1 | 0.0 | 52.289 | 7.747 | 0.0 | 54.475 | 6.691 | 0.0 | 46.215 | 5.937 | 0.0 | 44.564 | 5.518 | 0.0 | 52.075 | 6.916 | 0.0 | 54.991 | 5.931 | 0.0 | 48.315 | 5.376 | 0.0 | 45.359 | 4.907 |
| 129 | 3439 | 3440 | SN | 1 | 0.0 | 56.229 | 8.229 | 0.0 | 56.216 | 8.068 | 0.0 | 45.623 | 5.51 | 0.0 | 50.717 | 5.855 | 0.0 | 58.392 | 7.483 | 0.0 | 54.488 | 7.46 | 0.0 | 45.696 | 5.232 | 0.0 | 50.571 | 5.37 |
| 130 | 3439 | 3440 | SN | 1 | 0.0 | 46.636 | 2.752 | 0.0 | 50.889 | 2.777 | 0.0 | 42.289 | 1.979 | 0.0 | 42.117 | 2.108 | 0.0 | 50.152 | 2.458 | 0.0 | 50.349 | 2.55 | 0.0 | 40.796 | 1.838 | 0.0 | 41.065 | 1.789 |
| 131 | 3439 | 3440 | SN | 1 | 0.0 | 56.229 | 8.232 | 0.0 | 56.216 | 8.155 | 0.0 | 45.623 | 5.511 | 0.0 | 50.717 | 5.924 | 0.0 | 58.392 | 7.486 | 0.0 | 54.488 | 7.54 | 0.0 | 45.696 | 5.233 | 0.0 | 50.571 | 5.433 |
| 132 | 3439 | 3440 | NS | 1 | 0.0 | 44.769 | 2.625 | 0.0 | 46.153 | 2.179 | 0.0 | 43.202 | 1.893 | 0.0 | 42.357 | 1.609 | 0.0 | 43.4 | 2.296 | 0.0 | 45.144 | 1.962 | 0.0 | 45.759 | 1.607 | 0.0 | 39.591 | 1.392 |
| 133 | 3439 | 3440 | NS | 1 | 0.0 | 48.738 | 2.585 | 0.0 | 48.254 | 2.226 | 0.0 | 40.555 | 1.818 | 0.0 | 42.358 | 1.625 | 0.0 | 47.818 | 2.258 | 0.0 | 47.543 | 2.018 | 0.0 | 40.563 | 1.604 | 0.0 | 39.591 | 1.399 |
| 134 | 3439 | 3440 | SN | 1 | 0.0 | 56.229 | 8.67 | 0.0 | 56.216 | 8.474 | 0.0 | 45.623 | 5.75 | 0.0 | 50.717 | 6.172 | 0.0 | 58.392 | 7.883 | 0.0 | 54.488 | 7.855 | 0.0 | 45.696 | 5.487 | 0.0 | 50.571 | 5.661 |
| 135 | 3440 | 3441 | NS | 1 | 0.0 | 48.31 | 2.223 | 0.0 | 45.674 | 1.424 | 0.0 | 37.92 | 1.545 | 0.0 | 39.354 | 1.039 | 0.0 | 46.55 | 1.853 | 0.0 | 42.413 | 1.244 | 0.0 | 36.9 | 1.297 | 0.0 | 39.795 | 0.938 |
| 136 | 3440 | 3441 | NS | 1 | 0.0 | 38.653 | 2.115 | 0.0 | 42.748 | 1.49 | 0.0 | 39.39 | 1.545 | 0.0 | 37.829 | 1.174 | 0.0 | 38.497 | 1.759 | 0.0 | 41.66 | 1.332 | 0.0 | 38.093 | 1.325 | 0.0 | 36.08 | 1.006 |
| 137 | 3440 | 3441 | SN | 1 | 0.0 | 53.248 | 8.543 | 0.0 | 55.073 | 8.106 | 0.0 | 49.973 | 5.419 | 0.0 | 50.531 | 5.827 | 0.0 | 54.973 | 8.008 | 0.0 | 54.85 | 7.6 | 0.0 | 48.32 | 5.319 | 0.0 | 50.027 | 5.327 |
| 138 | 3440 | 3441 | SN | 1 | 0.0 | 49.298 | 2.596 | 0.0 | 51.842 | 2.497 | 0.0 | 41.862 | 1.826 | 0.0 | 45.454 | 1.89 | 0.0 | 48.881 | 2.43 | 0.0 | 51.713 | 2.302 | 0.0 | 40.478 | 1.703 | 0.0 | 41.288 | 1.754 |
| 139 | 3440 | 3441 | SN | 1 | 0.0 | 53.248 | 9.053 | 0.0 | 55.073 | 8.363 | 0.0 | 49.973 | 5.813 | 0.0 | 50.531 | 6.08 | 0.0 | 54.973 | 8.476 | 0.0 | 54.85 | 7.893 | 0.0 | 48.32 | 5.736 | 0.0 | 50.027 | 5.594 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 3440 | 3441 | SN | 1 | 0.0 | 49.298 | 2.436 | 0.0 | 51.842 | 2.39 | 0.0 | 41.862 | 1.706 | 0.0 | 45.454 | 1.796 | 0.0 | 48.881 | 2.28 | 0.0 | 51.713 | 2.191 | 0.0 | 40.478 | 1.583 | 0.0 | 41.288 | 1.656 |
| 141 | 3440 | 3441 | NS | 1 | 0.0 | 48.509 | 6.744 | 0.0 | 45.705 | 4.908 | 0.0 | 50.762 | 4.495 | 0.0 | 43.95 | 3.392 | 0.0 | 50.16 | 6.035 | 0.0 | 45.717 | 4.289 | 0.0 | 50.836 | 4.034 | 0.0 | 43.707 | 3.065 |
| 142 | 3440 | 3441 | SN | 1 | 0.0 | 53.248 | 8.556 | 0.0 | 55.073 | 8.195 | 0.0 | 49.973 | 5.426 | 0.0 | 50.531 | 5.902 | 0.0 | 54.973 | 8.011 | 0.0 | 54.85 | 7.683 | 0.0 | 48.32 | 5.326 | 0.0 | 50.027 | 5.39 |
| 143 | 3440 | 3441 | SN | 1 | 0.0 | 49.298 | 2.443 | 0.0 | 51.842 | 2.417 | 0.0 | 41.862 | 1.706 | 0.0 | 45.454 | 1.822 | 0.0 | 48.881 | 2.282 | 0.0 | 51.713 | 2.22 | 0.0 | 40.478 | 1.583 | 0.0 | 41.288 | 1.676 |
| 144 | 3440 | 3441 | NS | 1 | 0.0 | 48.273 | 6.508 | 0.0 | 45.944 | 4.734 | 0.0 | 40.681 | 4.466 | 0.0 | 38.673 | 3.506 | 0.0 | 49.381 | 5.87 | 0.0 | 49.559 | 4.096 | 0.0 | 42.003 | 4.068 | 0.0 | 38.58 | 3.136 |
| 145 | 3441 | 3442 | SN | 1 | 0.0 | 50.124 | 1.981 | 0.0 | 52.38 | 1.993 | 0.0 | 44.428 | 1.381 | 0.0 | 43.975 | 1.448 | 0.0 | 48.737 | 1.69 | 0.0 | 49.731 | 1.716 | 0.0 | 41.16 | 1.267 | 0.0 | 41.683 | 1.299 |
| 146 | 3441 | 3442 | NS | 1 | 0.0 | 43.177 | 5.193 | 0.0 | 44.708 | 4.084 | 0.0 | 40.842 | 3.727 | 0.0 | 41.88 | 3.42 | 0.0 | 43.024 | 4.545 | 0.0 | 47.67 | 3.365 | 0.0 | 39.591 | 3.401 | 0.0 | 42.251 | 2.93 |
| 147 | 3441 | 3442 | NS | 1 | 0.0 | 49.996 | 5.193 | 0.0 | 48.41 | 4.074 | 0.0 | 38.31 | 3.756 | 0.0 | 42.812 | 3.385 | 0.0 | 48.912 | 4.535 | 0.0 | 47.703 | 3.466 | 0.0 | 37.075 | 3.323 | 0.0 | 42.123 | 2.965 |
| 148 | 3441 | 3442 | SN | 1 | 0.0 | 53.028 | 5.574 | 0.0 | 49.0 | 5.542 | 0.0 | 48.644 | 4.628 | 0.0 | 46.726 | 4.558 | 0.0 | 53.357 | 5.07 | 0.0 | 49.763 | 5.005 | 0.0 | 47.949 | 4.351 | 0.0 | 43.476 | 4.302 |
| 149 | 3441 | 3442 | SN | 1 | 0.0 | 53.028 | 5.574 | 0.0 | 49.0 | 5.542 | 0.0 | 48.644 | 4.628 | 0.0 | 46.726 | 4.558 | 0.0 | 53.357 | 5.07 | 0.0 | 49.763 | 5.005 | 0.0 | 47.949 | 4.351 | 0.0 | 43.476 | 4.309 |
| 150 | 3441 | 3442 | NS | 1 | 0.0 | 43.678 | 1.619 | 0.0 | 42.379 | 1.232 | 0.0 | 39.0 | 1.203 | 0.0 | 43.701 | 1.11 | 0.0 | 42.275 | 1.292 | 0.0 | 42.414 | 0.98 | 0.0 | 36.816 | 1.038 | 0.0 | 47.812 | 0.95 |
| 151 | 3441 | 3442 | NS | 1 | 0.0 | 41.707 | 1.56 | 0.0 | 45.855 | 1.226 | 0.0 | 39.125 | 1.215 | 0.0 | 42.841 | 1.145 | 0.0 | 41.552 | 1.224 | 0.0 | 45.891 | 0.977 | 0.0 | 38.895 | 1.07 | 0.0 | 43.492 | 0.961 |
| 152 | 3441 | 3442 | SN | 1 | 0.0 | 50.124 | 1.981 | 0.0 | 52.38 | 1.986 | 0.0 | 44.428 | 1.388 | 0.0 | 43.975 | 1.445 | 0.0 | 48.737 | 1.69 | 0.0 | 49.731 | 1.714 | 0.0 | 41.16 | 1.272 | 0.0 | 41.683 | 1.297 |
| 153 | 3442 | 3443 | SN | 1 | 0.0 | 43.946 | 1.484 | 0.0 | 38.468 | 1.381 | 0.0 | 35.388 | 1.18 | 0.0 | 36.563 | 1.158 | 0.0 | 41.388 | 1.274 | 0.0 | 41.196 | 1.218 | 0.0 | 34.014 | 1.063 | 0.0 | 36.669 | 0.995 |
| 154 | 3442 | 3443 | NS | 1 | 0.0 | 49.744 | 6.416 | 0.0 | 53.769 | 5.861 | 0.0 | 46.724 | 3.832 | 0.0 | 43.676 | 4.218 | 0.0 | 52.913 | 5.444 | 0.0 | 55.527 | 5.04 | 0.0 | 44.846 | 3.286 | 0.0 | 45.042 | 3.606 |
| 155 | 3442 | 3443 | NS | 1 | 0.0 | 44.869 | 1.869 | 0.0 | 48.056 | 1.598 | 0.0 | 39.925 | 1.101 | 0.0 | 41.105 | 1.233 | 0.0 | 43.854 | 1.551 | 0.0 | 46.126 | 1.404 | 0.0 | 39.181 | 0.9 | 0.0 | 40.735 | 1.036 |
| 156 | 3442 | 3443 | SN | 1 | 0.0 | 50.943 | 4.154 | 0.0 | 48.036 | 4.104 | 0.0 | 44.705 | 3.668 | 0.0 | 45.282 | 3.496 | 0.0 | 50.152 | 3.882 | 0.0 | 49.972 | 3.729 | 0.0 | 43.157 | 3.555 | 0.0 | 46.157 | 3.139 |
| 157 | 3443 | 3444 | NS | 1 | 0.0 | 47.921 | 3.866 | 0.0 | 47.563 | 3.59 | 0.0 | 41.534 | 2.874 | 0.0 | 41.552 | 2.937 | 0.0 | 47.731 | 3.157 | 0.0 | 50.242 | 2.961 | 0.0 | 41.474 | 2.477 | 0.0 | 41.369 | 2.454 |
| 158 | 3443 | 3444 | SN | 1 | 0.0 | 53.904 | 6.029 | 0.0 | 52.825 | 4.56 | 0.0 | 42.108 | 4.059 | 0.0 | 42.539 | 4.323 | 0.0 | 55.648 | 5.344 | 0.0 | 55.599 | 4.135 | 0.0 | 43.531 | 3.96 | 0.0 | 43.348 | 3.831 |
| 159 | 3443 | 3444 | NS | 1 | 0.0 | 44.164 | 1.44 | 0.0 | 49.127 | 1.19 | 0.0 | 39.065 | 0.942 | 0.0 | 46.755 | 1.027 | 0.0 | 42.057 | 1.084 | 0.0 | 52.299 | 0.928 | 0.0 | 38.17 | 0.73 | 0.0 | 46.652 | 0.807 |
| 160 | 3444 | 3445 | NS | 1 | 0.0 | 45.835 | 3.695 | 0.0 | 47.143 | 3.843 | 0.0 | 43.884 | 3.357 | 0.0 | 42.881 | 3.317 | 0.0 | 46.085 | 3.329 | 0.0 | 51.718 | 3.058 | 0.0 | 46.629 | 2.829 | 0.0 | 42.393 | 2.831 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | Azimuth Angle | | | | | | | | | | | | Incidence Angle | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | 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 | 3419 | 3420 | SN | 1 | 0.0 | 25.893 | 8.565 | 0.0 | 27.261 | 8.361 | 0.0 | 158.633 | 2.287 | 0.0 | 64.878 | 2.224 | 0.0 | 1.888 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.058 | 0.0 |
| 2 | 3419 | 3420 | SN | 1 | 0.0 | 34.204 | 14.966 | 0.0 | 26.312 | 14.823 | 0.0 | 154.039 | 11.593 | 0.0 | 49.387 | 11.53 | 0.0 | 1.89 | 0.0 | 0.0 | 1.944 | 0.0 | 0.0 | 2.024 | 0.0 | 0.0 | 2.073 | 0.0 |
| 3 | 3420 | 3421 | SN | 1 | 0.0 | 25.909 | 8.608 | 0.0 | 27.266 | 8.397 | 0.0 | 163.283 | 2.269 | 0.0 | 66.02 | 2.212 | 0.0 | 1.888 | 0.0 | 0.0 | 1.896 | 0.0 | 0.0 | 2.02 | 0.0 | 0.0 | 2.056 | 0.0 |
| 4 | 3420 | 3421 | NS | 1 | 0.0 | 24.911 | 9.71 | 0.0 | 24.806 | 9.647 | 0.0 | 345.369 | 3.585 | 0.0 | 75.489 | 3.702 | 0.0 | 1.904 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.04 | 0.0 |
| 5 | 3420 | 3421 | NS | 1 | 0.0 | 26.952 | 14.378 | 0.0 | 30.559 | 15.832 | 0.0 | 355.549 | 12.801 | 0.0 | 76.499 | 13.376 | 0.0 | 1.908 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.051 | 0.0 | 0.0 | 2.044 | 0.0 |
| 6 | 3420 | 3421 | SN | 1 | 0.0 | 33.448 | 14.956 | 0.0 | 25.104 | 14.804 | 0.0 | 158.104 | 11.58 | 0.0 | 50.043 | 11.579 | 0.0 | 1.894 | 0.0 | 0.0 | 1.928 | 0.0 | 0.0 | 2.024 | 0.0 | 0.0 | 2.068 | 0.0 |
| 7 | 3420 | 3421 | SN | 1 | 0.0 | 29.875 | 14.952 | 0.0 | 25.104 | 14.858 | 0.0 | 158.104 | 11.58 | 0.0 | 50.043 | 11.678 | 0.0 | 1.894 | 0.0 | 0.0 | 1.928 | 0.0 | 0.0 | 2.024 | 0.0 | 0.0 | 2.068 | 0.0 |
| 8 | 3420 | 3421 | SN | 1 | 0.0 | 33.448 | 15.001 | 0.0 | 25.104 | 14.628 | 0.0 | 158.104 | 11.703 | 0.0 | 16.744 | 11.217 | 0.0 | 1.894 | 0.0 | 0.0 | 1.928 | 0.0 | 0.0 | 2.024 | 0.0 | 0.0 | 2.068 | 0.0 |
| 9 | 3420 | 3421 | SN | 1 | 0.0 | 25.909 | 8.601 | 0.0 | 27.266 | 8.415 | 0.0 | 163.283 | 2.269 | 0.0 | 66.02 | 2.235 | 0.0 | 1.888 | 0.0 | 0.0 | 1.896 | 0.0 | 0.0 | 2.02 | 0.0 | 0.0 | 2.056 | 0.0 |
| 10 | 3420 | 3421 | SN | 1 | 0.0 | 25.909 | 8.656 | 0.0 | 27.266 | 8.358 | 0.0 | 163.283 | 2.303 | 0.0 | 11.741 | 2.071 | 0.0 | 1.888 | 0.0 | 0.0 | 1.896 | 0.0 | 0.0 | 2.02 | 0.0 | 0.0 | 2.056 | 0.0 |
| 11 | 3421 | 3422 | NS | 1 | 0.0 | 26.869 | 14.364 | 0.0 | 30.575 | 15.781 | 0.0 | 320.855 | 12.703 | 0.0 | 77.513 | 13.309 | 0.0 | 1.907 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.051 | 0.0 | 0.0 | 2.044 | 0.0 |
| 12 | 3421 | 3422 | SN | 1 | 0.0 | 33.487 | 14.894 | 0.0 | 26.185 | 14.79 | 0.0 | 150.857 | 11.615 | 0.0 | 50.424 | 11.694 | 0.0 | 1.89 | 0.0 | 0.0 | 1.93 | 0.0 | 0.0 | 2.025 | 0.0 | 0.0 | 2.07 | 0.0 |
| 13 | 3421 | 3422 | SN | 1 | 0.0 | 33.493 | 14.894 | 0.0 | 26.191 | 14.769 | 0.0 | 150.89 | 11.615 | 0.0 | 50.424 | 11.672 | 0.0 | 1.89 | 0.0 | 0.0 | 1.93 | 0.0 | 0.0 | 2.025 | 0.0 | 0.0 | 2.07 | 0.0 |
| 14 | 3421 | 3422 | NS | 1 | 0.0 | 24.9 | 9.713 | 0.0 | 24.823 | 9.65 | 0.0 | 349.064 | 3.542 | 0.0 | 150.372 | 3.659 | 0.0 | 1.901 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.051 | 0.0 | 0.0 | 2.04 | 0.0 |
| 15 | 3421 | 3422 | NS | 1 | 0.0 | 24.9 | 9.711 | 0.0 | 24.823 | 9.65 | 0.0 | 349.053 | 3.545 | 0.0 | 150.284 | 3.661 | 0.0 | 1.901 | 0.0 | 0.0 | 1.905 | 0.0 | 0.0 | 2.051 | 0.0 | 0.0 | 2.04 | 0.0 |
| 16 | 3421 | 3422 | SN | 1 | 0.0 | 25.887 | 8.563 | 0.0 | 27.272 | 8.447 | 0.0 | 162.51 | 2.267 | 0.0 | 62.093 | 2.224 | 0.0 | 1.889 | 0.0 | 0.0 | 1.896 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.046 | 0.0 |
| 17 | 3421 | 3422 | SN | 1 | 0.0 | 25.887 | 8.563 | 0.0 | 27.272 | 8.445 | 0.0 | 162.483 | 2.258 | 0.0 | 62.093 | 2.219 | 0.0 | 1.889 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.046 | 0.0 |
| 18 | 3421 | 3422 | NS | 1 | 0.0 | 26.869 | 14.374 | 0.0 | 30.581 | 15.779 | 0.0 | 320.866 | 12.696 | 0.0 | 77.557 | 13.295 | 0.0 | 1.907 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.051 | 0.0 | 0.0 | 2.044 | 0.0 |
| 19 | 3422 | 3423 | SN | 1 | 0.0 | 25.904 | 8.596 | 0.0 | 27.294 | 8.493 | 0.0 | 157.944 | 2.277 | 0.0 | 87.01 | 2.245 | 0.0 | 1.888 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.049 | 0.0 |
| 20 | 3422 | 3423 | NS | 1 | 0.0 | 24.911 | 9.726 | 0.0 | 24.823 | 9.657 | 0.0 | 329.028 | 3.55 | 0.0 | 75.208 | 3.623 | 0.0 | 1.905 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.05 | 0.0 | 0.0 | 2.04 | 0.0 |
| 21 | 3422 | 3423 | NS | 1 | 0.0 | 24.911 | 9.726 | 0.0 | 24.823 | 9.657 | 0.0 | 329.028 | 3.55 | 0.0 | 75.208 | 3.623 | 0.0 | 1.905 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.05 | 0.0 | 0.0 | 2.04 | 0.0 |
| 22 | 3422 | 3423 | SN | 1 | 0.0 | 25.904 | 8.605 | 0.0 | 27.294 | 8.47 | 0.0 | 157.944 | 2.277 | 0.0 | 87.01 | 2.22 | 0.0 | 1.888 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.049 | 0.0 |
| 23 | 3422 | 3423 | NS | 1 | 0.0 | 26.941 | 14.462 | 0.0 | 30.603 | 15.759 | 0.0 | 348.915 | 12.628 | 0.0 | 78.528 | 13.266 | 0.0 | 1.908 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.049 | 0.0 | 0.0 | 2.043 | 0.0 |
| 24 | 3422 | 3423 | SN | 1 | 0.0 | 25.904 | 8.656 | 0.0 | 27.294 | 8.426 | 0.0 | 157.944 | 2.314 | 0.0 | 11.648 | 2.082 | 0.0 | 1.888 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.049 | 0.0 |
| 25 | 3422 | 3423 | NS | 1 | 0.0 | 26.941 | 14.462 | 0.0 | 30.603 | 15.759 | 0.0 | 348.915 | 12.628 | 0.0 | 78.528 | 13.266 | 0.0 | 1.908 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.049 | 0.0 | 0.0 | 2.043 | 0.0 |
| 26 | 3422 | 3423 | SN | 1 | 0.0 | 33.658 | 14.884 | 0.0 | 26.185 | 14.738 | 0.0 | 184.703 | 11.695 | 0.0 | 53.258 | 11.821 | 0.0 | 1.897 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.068 | 0.0 |
| 27 | 3422 | 3423 | SN | 1 | 0.0 | 32.384 | 14.89 | 0.0 | 26.185 | 14.788 | 0.0 | 184.703 | 11.695 | 0.0 | 53.253 | 11.928 | 0.0 | 1.897 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.068 | 0.0 |
| 28 | 3422 | 3423 | SN | 1 | 0.0 | 33.658 | 14.94 | 0.0 | 26.185 | 14.554 | 0.0 | 184.703 | 11.823 | 0.0 | 16.341 | 11.463 | 0.0 | 1.897 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.068 | 0.0 |
| 29 | 3423 | 3424 | NS | 1 | 0.0 | 24.922 | 9.704 | 0.0 | 24.817 | 9.651 | 0.0 | 324.494 | 3.565 | 0.0 | 149.743 | 3.65 | 0.0 | 1.9 | 0.0 | 0.0 | 1.904 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.039 | 0.0 |
| 30 | 3423 | 3424 | SN | 1 | 0.0 | 25.893 | 8.592 | 0.0 | 27.283 | 8.508 | 0.0 | 165.301 | 2.279 | 0.0 | 89.258 | 2.24 | 0.0 | 1.888 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.049 | 0.0 |
| 31 | 3423 | 3424 | SN | 1 | 0.0 | 29.875 | 14.868 | 0.0 | 26.191 | 14.76 | 0.0 | 173.86 | 11.575 | 0.0 | 53.644 | 11.812 | 0.0 | 1.894 | 0.0 | 0.0 | 1.944 | 0.0 | 0.0 | 2.025 | 0.0 | 0.0 | 2.069 | 0.0 |

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

Normal
Alarming
Deviations
High Errors

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 3423 | 3424 | SN | 1 | 0.0 | 30.757 | 14.862 | 0.0 | 26.191 | 14.71 | 0.0 | 173.86 | 11.575 | 0.0 | 53.644 | 11.707 | 0.0 | 1.894 | 0.0 | 0.0 | 1.944 | 0.0 | 0.0 | 2.025 | 0.0 | 0.0 | 2.069 | 0.0 |
| 33 | 3423 | 3424 | NS | 1 | 0.0 | 26.952 | 14.41 | 0.0 | 33.437 | 15.845 | 0.0 | 91.745 | 12.699 | 0.0 | 80.9 | 13.34 | 0.0 | 1.912 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.05 | 0.0 | 0.0 | 2.046 | 0.0 |
| 34 | 3423 | 3424 | NS | 1 | 0.0 | 26.952 | 14.471 | 0.0 | 30.575 | 15.752 | 0.0 | 349.477 | 12.677 | 0.0 | 80.061 | 13.338 | 0.0 | 1.905 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.051 | 0.0 | 0.0 | 2.046 | 0.0 |
| 35 | 3423 | 3424 | SN | 1 | 0.0 | 25.893 | 8.601 | 0.0 | 27.283 | 8.488 | 0.0 | 165.301 | 2.279 | 0.0 | 89.263 | 2.215 | 0.0 | 1.888 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.049 | 0.0 |
| 36 | 3423 | 3424 | SN | 1 | 0.0 | 30.757 | 14.895 | 0.0 | 26.191 | 14.406 | 0.0 | 173.86 | 11.756 | 0.0 | 14.857 | 11.188 | 0.0 | 1.894 | 0.0 | 0.0 | 1.944 | 0.0 | 0.0 | 2.025 | 0.0 | 0.0 | 2.069 | 0.0 |
| 37 | 3423 | 3424 | SN | 1 | 0.0 | 25.893 | 8.683 | 0.0 | 27.283 | 8.444 | 0.0 | 165.301 | 2.334 | 0.0 | 11.725 | 2.072 | 0.0 | 1.888 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.049 | 0.0 |
| 38 | 3423 | 3424 | NS | 1 | 0.0 | 24.922 | 9.703 | 0.0 | 24.795 | 9.657 | 0.0 | 344.437 | 3.55 | 0.0 | 71.993 | 3.637 | 0.0 | 1.9 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.042 | 0.0 |
| 39 | 3424 | 3425 | SN | 1 | 0.0 | 25.893 | 8.721 | 0.0 | 27.288 | 8.456 | 0.0 | 157.15 | 2.352 | 0.0 | 11.719 | 2.071 | 0.0 | 1.888 | 0.0 | 0.0 | 1.894 | 0.0 | 0.0 | 2.018 | 0.0 | 0.0 | 2.039 | 0.0 |
| 40 | 3424 | 3425 | NS | 1 | 0.0 | 26.957 | 14.37 | 0.0 | 33.432 | 15.835 | 0.0 | 153.711 | 12.783 | 0.0 | 81.765 | 13.326 | 0.0 | 1.913 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.051 | 0.0 | 0.0 | 2.043 | 0.0 |
| 41 | 3424 | 3425 | SN | 1 | 0.0 | 25.893 | 8.594 | 0.0 | 27.288 | 8.51 | 0.0 | 157.15 | 2.27 | 0.0 | 61.189 | 2.191 | 0.0 | 1.888 | 0.0 | 0.0 | 1.894 | 0.0 | 0.0 | 2.018 | 0.0 | 0.0 | 2.039 | 0.0 |
| 42 | 3424 | 3425 | SN | 1 | 0.0 | 30.658 | 14.932 | 0.0 | 26.185 | 14.712 | 0.0 | 151.696 | 11.535 | 0.0 | 40.497 | 11.77 | 0.0 | 1.893 | 0.0 | 0.0 | 1.934 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.065 | 0.0 |
| 43 | 3424 | 3425 | NS | 1 | 0.0 | 24.911 | 9.694 | 0.0 | 24.806 | 9.659 | 0.0 | 344.442 | 3.554 | 0.0 | 73.123 | 3.656 | 0.0 | 1.901 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.04 | 0.0 |
| 44 | 3424 | 3425 | NS | 1 | 0.0 | 24.911 | 9.697 | 0.0 | 24.829 | 9.66 | 0.0 | 339.771 | 3.568 | 0.0 | 152.22 | 3.659 | 0.0 | 1.903 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.041 | 0.0 |
| 45 | 3424 | 3425 | SN | 1 | 0.0 | 29.88 | 14.918 | 0.0 | 26.185 | 14.762 | 0.0 | 151.696 | 11.535 | 0.0 | 40.541 | 11.877 | 0.0 | 1.893 | 0.0 | 0.0 | 1.934 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.065 | 0.0 |
| 46 | 3424 | 3425 | NS | 1 | 0.0 | 26.957 | 14.42 | 0.0 | 30.564 | 15.781 | 0.0 | 349.908 | 12.803 | 0.0 | 81.319 | 13.337 | 0.0 | 1.909 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.051 | 0.0 | 0.0 | 2.043 | 0.0 |
| 47 | 3424 | 3425 | SN | 1 | 0.0 | 25.893 | 8.585 | 0.0 | 27.288 | 8.528 | 0.0 | 157.15 | 2.272 | 0.0 | 61.294 | 2.217 | 0.0 | 1.888 | 0.0 | 0.0 | 1.894 | 0.0 | 0.0 | 2.018 | 0.0 | 0.0 | 2.039 | 0.0 |
| 48 | 3424 | 3425 | SN | 1 | 0.0 | 30.658 | 14.931 | 0.0 | 26.185 | 14.33 | 0.0 | 151.696 | 11.794 | 0.0 | 14.587 | 11.129 | 0.0 | 1.893 | 0.0 | 0.0 | 1.934 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.065 | 0.0 |
| 49 | 3425 | 3426 | NS | 1 | 0.0 | 24.9 | 9.687 | 0.0 | 24.812 | 9.644 | 0.0 | 340.538 | 3.606 | 0.0 | 69.715 | 3.682 | 0.0 | 1.903 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.052 | 0.0 | 0.0 | 2.041 | 0.0 |
| 50 | 3425 | 3426 | NS | 1 | 0.0 | 24.895 | 9.684 | 0.0 | 24.806 | 9.649 | 0.0 | 311.496 | 3.604 | 0.0 | 131.952 | 3.688 | 0.0 | 1.902 | 0.0 | 0.0 | 1.904 | 0.0 | 0.0 | 2.054 | 0.0 | 0.0 | 2.041 | 0.0 |
| 51 | 3425 | 3426 | NS | 1 | 0.0 | 26.93 | 14.39 | 0.0 | 30.597 | 15.795 | 0.0 | 83.07 | 12.801 | 0.0 | 65.7 | 13.376 | 0.0 | 1.909 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.049 | 0.0 | 0.0 | 2.043 | 0.0 |
| 52 | 3425 | 3426 | SN | 1 | 0.0 | 25.893 | 8.555 | 0.0 | 27.283 | 8.482 | 0.0 | 147.978 | 2.304 | 0.0 | 83.908 | 2.201 | 0.0 | 1.889 | 0.0 | 0.0 | 1.904 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.047 | 0.0 |
| 53 | 3425 | 3426 | SN | 1 | 0.0 | 34.386 | 14.997 | 0.0 | 26.323 | 14.332 | 0.0 | 156.405 | 11.945 | 0.0 | 13.782 | 10.852 | 0.0 | 1.891 | 0.0 | 0.0 | 1.922 | 0.0 | 0.0 | 2.024 | 0.0 | 0.0 | 2.067 | 0.0 |
| 54 | 3425 | 3426 | NS | 1 | 0.0 | 26.908 | 14.38 | 0.0 | 33.454 | 15.864 | 0.0 | 86.235 | 12.821 | 0.0 | 77.045 | 13.35 | 0.0 | 1.911 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.049 | 0.0 | 0.0 | 2.044 | 0.0 |
| 55 | 3425 | 3426 | SN | 1 | 0.0 | 25.893 | 8.718 | 0.0 | 27.283 | 8.404 | 0.0 | 147.978 | 2.43 | 0.0 | 11.725 | 2.026 | 0.0 | 1.889 | 0.0 | 0.0 | 1.904 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.047 | 0.0 |
| 56 | 3425 | 3426 | SN | 1 | 0.0 | 29.886 | 14.92 | 0.0 | 26.323 | 14.844 | 0.0 | 156.405 | 11.554 | 0.0 | 52.155 | 11.773 | 0.0 | 1.891 | 0.0 | 0.0 | 1.922 | 0.0 | 0.0 | 2.024 | 0.0 | 0.0 | 2.067 | 0.0 |
| 57 | 3426 | 3427 | NS | 1 | 0.0 | 26.946 | 14.329 | 0.0 | 33.493 | 15.865 | 0.0 | 350.387 | 12.906 | 0.0 | 80.668 | 13.404 | 0.0 | 1.912 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.049 | 0.0 | 0.0 | 2.045 | 0.0 |
| 58 | 3426 | 3427 | NS | 1 | 0.0 | 26.946 | 14.329 | 0.0 | 33.493 | 15.865 | 0.0 | 350.387 | 12.906 | 0.0 | 80.668 | 13.404 | 0.0 | 1.912 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.049 | 0.0 | 0.0 | 2.045 | 0.0 |
| 59 | 3426 | 3427 | SN | 1 | 0.0 | 34.386 | 15.087 | 0.0 | 26.18 | 14.251 | 0.0 | 152.346 | 12.171 | 0.0 | 13.181 | 10.587 | 0.0 | 1.888 | 0.0 | 0.0 | 1.935 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.066 | 0.0 |
| 60 | 3426 | 3427 | SN | 1 | 0.0 | 29.891 | 14.948 | 0.0 | 26.18 | 14.842 | 0.0 | 152.346 | 11.478 | 0.0 | 52.812 | 11.672 | 0.0 | 1.888 | 0.0 | 0.0 | 1.935 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.066 | 0.0 |
| 61 | 3426 | 3427 | SN | 1 | 0.0 | 34.386 | 14.949 | 0.0 | 26.18 | 14.793 | 0.0 | 152.346 | 11.474 | 0.0 | 52.602 | 11.574 | 0.0 | 1.888 | 0.0 | 0.0 | 1.935 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.066 | 0.0 |
| 62 | 3426 | 3427 | SN | 1 | 0.0 | 25.893 | 8.75 | 0.0 | 27.283 | 8.34 | 0.0 | 151.944 | 2.513 | 0.0 | 11.752 | 1.989 | 0.0 | 1.889 | 0.0 | 0.0 | 1.894 | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.051 | 0.0 |
| 63 | 3426 | 3427 | SN | 1 | 0.0 | 25.893 | 8.545 | 0.0 | 27.283 | 8.403 | 0.0 | 151.944 | 2.318 | 0.0 | 69.853 | 2.167 | 0.0 | 1.889 | 0.0 | 0.0 | 1.894 | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.051 | 0.0 |
| 64 | 3426 | 3427 | SN | 1 | 0.0 | 25.893 | 8.552 | 0.0 | 27.283 | 8.386 | 0.0 | 151.944 | 2.317 | 0.0 | 69.555 | 2.143 | 0.0 | 1.889 | 0.0 | 0.0 | 1.894 | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.051 | 0.0 |
| 65 | 3426 | 3427 | NS | 1 | 0.0 | 24.933 | 9.669 | 0.0 | 24.801 | 9.653 | 0.0 | 348.043 | 3.62 | 0.0 | 71.927 | 3.685 | 0.0 | 1.901 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.052 | 0.0 | 0.0 | 2.044 | 0.0 |
| 66 | 3426 | 3427 | NS | 1 | 0.0 | 24.933 | 9.669 | 0.0 | 24.801 | 9.653 | 0.0 | 348.043 | 3.62 | 0.0 | 71.927 | 3.685 | 0.0 | 1.901 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.052 | 0.0 | 0.0 | 2.044 | 0.0 |
| 67 | 3427 | 3428 | NS | 1 | 0.0 | 24.917 | 9.687 | 0.0 | 24.806 | 9.654 | 0.0 | 338.778 | 3.597 | 0.0 | 161.683 | 3.698 | 0.0 | 1.904 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.051 | 0.0 | 0.0 | 2.048 | 0.0 |
| 68 | 3427 | 3428 | NS | 1 | 0.0 | 26.941 | 14.419 | 0.0 | 31.072 | 15.767 | 0.0 | 149.873 | 12.816 | 0.0 | 77.249 | 13.389 | 0.0 | 1.906 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.051 | 0.0 | 0.0 | 2.05 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | 3427 | 3428 | SN | 1 | 0.0 | 34.551 | 14.959 | 0.0 | 26.174 | 14.8 | 0.0 | 150.355 | 11.464 | 0.0 | 53.286 | 11.64 | 0.0 | 1.891 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.065 | 0.0 |
| 70 | 3427 | 3428 | NS | 1 | 0.0 | 24.917 | 9.674 | 0.0 | 24.806 | 9.649 | 0.0 | 355.191 | 3.609 | 0.0 | 145.59 | 3.686 | 0.0 | 1.906 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.046 | 0.0 |
| 71 | 3427 | 3428 | NS | 1 | 0.0 | 26.957 | 14.339 | 0.0 | 33.515 | 15.825 | 0.0 | 350.773 | 12.884 | 0.0 | 82.251 | 13.439 | 0.0 | 1.907 | 0.0 | 0.0 | 1.917 | 0.0 | 0.0 | 2.051 | 0.0 | 0.0 | 2.044 | 0.0 |
| 72 | 3427 | 3428 | SN | 1 | 0.0 | 25.882 | 8.497 | 0.0 | 27.261 | 8.343 | 0.0 | 150.085 | 2.331 | 0.0 | 268.357 | 2.143 | 0.0 | 1.89 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.048 | 0.0 |
| 73 | 3427 | 3428 | SN | 1 | 0.0 | 25.882 | 8.497 | 0.0 | 27.261 | 8.343 | 0.0 | 150.085 | 2.331 | 0.0 | 268.357 | 2.143 | 0.0 | 1.89 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.048 | 0.0 |
| 74 | 3427 | 3428 | SN | 1 | 0.0 | 34.551 | 14.959 | 0.0 | 26.174 | 14.8 | 0.0 | 150.355 | 11.464 | 0.0 | 53.286 | 11.64 | 0.0 | 1.891 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.065 | 0.0 |
| 75 | 3428 | 3429 | SN | 1 | 0.0 | 30.608 | 14.972 | 0.0 | 26.296 | 14.772 | 0.0 | 156.295 | 11.506 | 0.0 | 53.628 | 11.581 | 0.0 | 1.89 | 0.0 | 0.0 | 1.925 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.064 | 0.0 |
| 76 | 3428 | 3429 | SN | 1 | 0.0 | 25.882 | 8.549 | 0.0 | 226.631 | 8.341 | 0.0 | 167.457 | 2.317 | 0.0 | 73.256 | 2.161 | 0.0 | 1.887 | 0.0 | 0.0 | 1.892 | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.051 | 0.0 |
| 77 | 3428 | 3429 | NS | 1 | 0.0 | 26.952 | 14.409 | 0.0 | 30.581 | 15.775 | 0.0 | 140.393 | 12.796 | 0.0 | 96.314 | 13.425 | 0.0 | 1.908 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.052 | 0.0 | 0.0 | 2.045 | 0.0 |
| 78 | 3428 | 3429 | NS | 1 | 0.0 | 26.952 | 14.409 | 0.0 | 30.581 | 15.775 | 0.0 | 140.393 | 12.796 | 0.0 | 96.314 | 13.425 | 0.0 | 1.908 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.052 | 0.0 | 0.0 | 2.045 | 0.0 |
| 79 | 3428 | 3429 | NS | 1 | 0.0 | 24.917 | 9.666 | 0.0 | 24.806 | 9.64 | 0.0 | 355.224 | 3.576 | 0.0 | 143.451 | 3.697 | 0.0 | 1.907 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.042 | 0.0 |
| 80 | 3428 | 3429 | NS | 1 | 0.0 | 24.917 | 9.666 | 0.0 | 24.806 | 9.64 | 0.0 | 355.224 | 3.576 | 0.0 | 143.451 | 3.697 | 0.0 | 1.907 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.042 | 0.0 |
| 81 | 3429 | 3430 | NS | 1 | 0.0 | 24.906 | 9.67 | 0.0 | 24.823 | 9.662 | 0.0 | 355.318 | 3.578 | 0.0 | 145.706 | 3.719 | 0.0 | 1.897 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.054 | 0.0 | 0.0 | 2.042 | 0.0 |
| 82 | 3429 | 3430 | NS | 1 | 0.0 | 26.941 | 14.414 | 0.0 | 30.592 | 15.742 | 0.0 | 355.318 | 12.846 | 0.0 | 70.449 | 13.478 | 0.0 | 1.913 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.051 | 0.0 | 0.0 | 2.044 | 0.0 |
| 83 | 3434 | 3435 | SN | 1 | 0.0 | 25.876 | 8.577 | 0.0 | 27.277 | 8.209 | 0.0 | 156.808 | 2.323 | 0.0 | 41.575 | 1.977 | 0.0 | 1.887 | 0.0 | 0.0 | 1.895 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.052 | 0.0 |
| 84 | 3434 | 3435 | NS | 1 | 0.0 | 24.928 | 9.672 | 0.0 | 24.845 | 9.619 | 0.0 | 352.268 | 3.653 | 0.0 | 149.55 | 3.729 | 0.0 | 1.905 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.054 | 0.0 | 0.0 | 2.043 | 0.0 |
| 85 | 3434 | 3435 | SN | 1 | 0.0 | 29.864 | 15.031 | 0.0 | 26.069 | 14.854 | 0.0 | 148.519 | 11.403 | 0.0 | 73.601 | 11.608 | 0.0 | 1.888 | 0.0 | 0.0 | 1.924 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.068 | 0.0 |
| 86 | 3434 | 3435 | SN | 1 | 0.0 | 25.876 | 8.493 | 0.0 | 27.277 | 8.264 | 0.0 | 156.808 | 2.273 | 0.0 | 65.314 | 2.147 | 0.0 | 1.887 | 0.0 | 0.0 | 1.895 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.052 | 0.0 |
| 87 | 3434 | 3435 | NS | 1 | 0.0 | 27.007 | 14.326 | 0.0 | 30.614 | 15.85 | 0.0 | 353.906 | 12.999 | 0.0 | 79.449 | 13.562 | 0.0 | 1.91 | 0.0 | 0.0 | 1.922 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.043 | 0.0 |
| 88 | 3434 | 3435 | SN | 1 | 0.0 | 33.581 | 15.064 | 0.0 | 26.069 | 14.476 | 0.0 | 148.519 | 11.581 | 0.0 | 73.601 | 11.015 | 0.0 | 1.888 | 0.0 | 0.0 | 1.924 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.068 | 0.0 |
| 89 | 3435 | 3436 | SN | 1 | 0.0 | 32.362 | 14.941 | 0.0 | 26.191 | 14.744 | 0.0 | 153.449 | 11.521 | 0.0 | 53.826 | 11.69 | 0.0 | 1.888 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.071 | 0.0 |
| 90 | 3435 | 3436 | SN | 1 | 0.0 | 25.871 | 8.455 | 0.0 | 27.261 | 8.312 | 0.0 | 155.876 | 2.28 | 0.0 | 63.092 | 2.204 | 0.0 | 1.889 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.055 | 0.0 |
| 91 | 3435 | 3436 | NS | 1 | 0.0 | 27.001 | 14.43 | 0.0 | 30.636 | 15.82 | 0.0 | 270.163 | 12.859 | 0.0 | 81.865 | 13.437 | 0.0 | 1.91 | 0.0 | 0.0 | 1.929 | 0.0 | 0.0 | 2.052 | 0.0 | 0.0 | 2.042 | 0.0 |
| 92 | 3435 | 3436 | SN | 1 | 0.0 | 33.68 | 14.977 | 0.0 | 26.191 | 14.589 | 0.0 | 153.449 | 11.624 | 0.0 | 18.15 | 11.325 | 0.0 | 1.888 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.071 | 0.0 |
| 93 | 3435 | 3436 | SN | 1 | 0.0 | 25.871 | 8.496 | 0.0 | 27.261 | 8.26 | 0.0 | 155.876 | 2.306 | 0.0 | 12.232 | 2.047 | 0.0 | 1.889 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.055 | 0.0 |
| 94 | 3435 | 3436 | NS | 1 | 0.0 | 24.933 | 9.669 | 0.0 | 24.812 | 9.667 | 0.0 | 305.892 | 3.615 | 0.0 | 146.318 | 3.689 | 0.0 | 1.904 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.054 | 0.0 | 0.0 | 2.041 | 0.0 |
| 95 | 3436 | 3437 | SN | 1 | 0.0 | 25.893 | 8.578 | 0.0 | 27.272 | 8.27 | 0.0 | 154.348 | 2.294 | 0.0 | 11.973 | 2.059 | 0.0 | 1.887 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.02 | 0.0 | 0.0 | 2.054 | 0.0 |
| 96 | 3436 | 3437 | SN | 1 | 0.0 | 32.318 | 14.921 | 0.0 | 135.666 | 14.792 | 0.0 | 146.335 | 11.619 | 0.0 | 53.518 | 11.834 | 0.0 | 1.887 | 0.0 | 0.0 | 1.94 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.069 | 0.0 |
| 97 | 3436 | 3437 | SN | 1 | 0.0 | 33.779 | 14.968 | 0.0 | 135.666 | 14.572 | 0.0 | 146.335 | 11.726 | 0.0 | 17.113 | 11.441 | 0.0 | 1.887 | 0.0 | 0.0 | 1.94 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.069 | 0.0 |
| 98 | 3436 | 3437 | SN | 1 | 0.0 | 33.779 | 14.925 | 0.0 | 135.666 | 14.742 | 0.0 | 146.335 | 11.619 | 0.0 | 53.518 | 11.729 | 0.0 | 1.887 | 0.0 | 0.0 | 1.94 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.069 | 0.0 |
| 99 | 3436 | 3437 | NS | 1 | 0.0 | 24.944 | 9.651 | 0.0 | 24.817 | 9.659 | 0.0 | 322.095 | 3.579 | 0.0 | 153.609 | 3.679 | 0.0 | 1.899 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.052 | 0.0 | 0.0 | 2.041 | 0.0 |
| 100 | 3436 | 3437 | SN | 1 | 0.0 | 25.893 | 8.524 | 0.0 | 27.272 | 8.308 | 0.0 | 154.348 | 2.267 | 0.0 | 43.105 | 2.188 | 0.0 | 1.887 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.02 | 0.0 | 0.0 | 2.054 | 0.0 |
| 101 | 3436 | 3437 | NS | 1 | 0.0 | 26.985 | 14.41 | 0.0 | 30.614 | 15.788 | 0.0 | 354.259 | 12.809 | 0.0 | 75.225 | 13.373 | 0.0 | 1.913 | 0.0 | 0.0 | 1.925 | 0.0 | 0.0 | 2.052 | 0.0 | 0.0 | 2.042 | 0.0 |
| 102 | 3436 | 3437 | NS | 1 | 0.0 | 26.985 | 14.41 | 0.0 | 30.614 | 15.788 | 0.0 | 354.259 | 12.809 | 0.0 | 75.225 | 13.373 | 0.0 | 1.913 | 0.0 | 0.0 | 1.925 | 0.0 | 0.0 | 2.052 | 0.0 | 0.0 | 2.042 | 0.0 |
| 103 | 3436 | 3437 | NS | 1 | 0.0 | 24.944 | 9.651 | 0.0 | 24.817 | 9.659 | 0.0 | 322.095 | 3.579 | 0.0 | 153.609 | 3.679 | 0.0 | 1.899 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.052 | 0.0 | 0.0 | 2.041 | 0.0 |
| 104 | 3436 | 3437 | SN | 1 | 0.0 | 25.893 | 8.515 | 0.0 | 27.272 | 8.33 | 0.0 | 154.348 | 2.267 | 0.0 | 43.105 | 2.213 | 0.0 | 1.887 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.02 | 0.0 | 0.0 | 2.054 | 0.0 |
| 105 | 3437 | 3438 | NS | 1 | 0.0 | 24.928 | 9.667 | 0.0 | 24.818 | 9.675 | 0.0 | 354.91 | 3.579 | 0.0 | 155.264 | 3.67 | 0.0 | 1.905 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.054 | 0.0 | 0.0 | 2.042 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106 | 3437 | 3438 | SN | 1 | 0.0 | 33.686 | 14.975 | 0.0 | 26.207 | 14.44 | 0.0 | 171.494 | 11.724 | 0.0 | 14.902 | 11.247 | 0.0 | 1.887 | 0.0 | 0.0 | 1.943 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.071 | 0.0 |
| 107 | 3437 | 3438 | SN | 1 | 0.0 | 25.882 | 8.606 | 0.0 | 27.283 | 8.316 | 0.0 | 158.225 | 2.313 | 0.0 | 11.741 | 2.035 | 0.0 | 1.887 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.056 | 0.0 |
| 108 | 3437 | 3438 | SN | 1 | 0.0 | 25.882 | 8.542 | 0.0 | 27.283 | 8.357 | 0.0 | 158.225 | 2.267 | 0.0 | 65.513 | 2.172 | 0.0 | 1.887 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.056 | 0.0 |
| 109 | 3437 | 3438 | SN | 1 | 0.0 | 32.329 | 14.936 | 0.0 | 26.207 | 14.765 | 0.0 | 171.494 | 11.557 | 0.0 | 54.207 | 11.798 | 0.0 | 1.887 | 0.0 | 0.0 | 1.943 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.071 | 0.0 |
| 110 | 3437 | 3438 | NS | 1 | 0.0 | 27.001 | 14.4 | 0.0 | 30.641 | 15.798 | 0.0 | 352.053 | 12.847 | 0.0 | 75.908 | 13.395 | 0.0 | 1.906 | 0.0 | 0.0 | 1.923 | 0.0 | 0.0 | 2.051 | 0.0 | 0.0 | 2.042 | 0.0 |
| 111 | 3437 | 3438 | NS | 1 | 0.0 | 26.979 | 14.409 | 0.0 | 30.608 | 15.771 | 0.0 | 288.007 | 12.897 | 0.0 | 71.193 | 13.44 | 0.0 | 1.91 | 0.0 | 0.0 | 1.923 | 0.0 | 0.0 | 2.052 | 0.0 | 0.0 | 2.042 | 0.0 |
| 112 | 3437 | 3438 | NS | 1 | 0.0 | 24.933 | 9.643 | 0.0 | 24.784 | 9.672 | 0.0 | 327.098 | 3.575 | 0.0 | 131.169 | 3.67 | 0.0 | 1.903 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.056 | 0.0 | 0.0 | 2.041 | 0.0 |
| 113 | 3437 | 3438 | SN | 1 | 0.0 | 33.686 | 14.93 | 0.0 | 26.207 | 14.725 | 0.0 | 171.494 | 11.571 | 0.0 | 54.179 | 11.693 | 0.0 | 1.887 | 0.0 | 0.0 | 1.943 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.071 | 0.0 |
| 114 | 3437 | 3438 | SN | 1 | 0.0 | 25.882 | 8.532 | 0.0 | 27.283 | 8.382 | 0.0 | 158.225 | 2.265 | 0.0 | 65.562 | 2.196 | 0.0 | 1.887 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.056 | 0.0 |
| 115 | 3438 | 3439 | SN | 1 | 0.0 | 25.876 | 8.617 | 0.0 | 27.288 | 8.287 | 0.0 | 175.245 | 2.363 | 0.0 | 11.741 | 2.018 | 0.0 | 1.887 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.052 | 0.0 |
| 116 | 3438 | 3439 | SN | 1 | 0.0 | 29.869 | 14.943 | 0.0 | 26.329 | 14.794 | 0.0 | 180.473 | 11.496 | 0.0 | 56.81 | 11.74 | 0.0 | 1.887 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.066 | 0.0 |
| 117 | 3438 | 3439 | SN | 1 | 0.0 | 25.876 | 8.508 | 0.0 | 27.288 | 8.358 | 0.0 | 175.245 | 2.297 | 0.0 | 49.15 | 2.169 | 0.0 | 1.887 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.052 | 0.0 |
| 118 | 3438 | 3439 | NS | 1 | 0.0 | 24.944 | 9.653 | 0.0 | 24.806 | 9.667 | 0.0 | 306.67 | 3.587 | 0.0 | 153.929 | 3.675 | 0.0 | 1.904 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.054 | 0.0 | 0.0 | 2.04 | 0.0 |
| 119 | 3438 | 3439 | NS | 1 | 0.0 | 26.985 | 14.4 | 0.0 | 30.603 | 15.803 | 0.0 | 82.005 | 12.783 | 0.0 | 72.528 | 13.427 | 0.0 | 1.914 | 0.0 | 0.0 | 1.925 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.043 | 0.0 |
| 120 | 3438 | 3439 | NS | 1 | 0.0 | 27.018 | 14.41 | 0.0 | 30.614 | 15.803 | 0.0 | 81.945 | 12.833 | 0.0 | 72.649 | 13.449 | 0.0 | 1.913 | 0.0 | 0.0 | 1.925 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.043 | 0.0 |
| 121 | 3438 | 3439 | SN | 1 | 0.0 | 25.876 | 8.539 | 0.0 | 27.288 | 8.346 | 0.0 | 175.57 | 2.282 | 0.0 | 49.072 | 2.145 | 0.0 | 1.887 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.055 | 0.0 |
| 122 | 3438 | 3439 | SN | 1 | 0.0 | 30.702 | 14.937 | 0.0 | 26.329 | 14.748 | 0.0 | 180.682 | 11.454 | 0.0 | 56.749 | 11.625 | 0.0 | 1.888 | 0.0 | 0.0 | 1.909 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.066 | 0.0 |
| 123 | 3438 | 3439 | SN | 1 | 0.0 | 30.702 | 14.964 | 0.0 | 26.329 | 14.349 | 0.0 | 180.473 | 11.701 | 0.0 | 14.742 | 11.022 | 0.0 | 1.887 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.066 | 0.0 |
| 124 | 3438 | 3439 | NS | 1 | 0.0 | 24.95 | 9.657 | 0.0 | 24.795 | 9.655 | 0.0 | 306.56 | 3.582 | 0.0 | 153.703 | 3.668 | 0.0 | 1.91 | 0.0 | 0.0 | 1.911 | 0.0 | 0.0 | 2.055 | 0.0 | 0.0 | 2.04 | 0.0 |
| 125 | 3439 | 3440 | SN | 1 | 0.0 | 25.871 | 8.513 | 0.0 | 27.283 | 8.371 | 0.0 | 170.099 | 2.304 | 0.0 | 63.472 | 2.146 | 0.0 | 1.887 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.015 | 0.0 | 0.0 | 2.055 | 0.0 |
| 126 | 3439 | 3440 | NS | 1 | 0.0 | 27.023 | 14.38 | 0.0 | 30.57 | 15.805 | 0.0 | 86.048 | 12.925 | 0.0 | 75.28 | 13.433 | 0.0 | 1.913 | 0.0 | 0.0 | 1.924 | 0.0 | 0.0 | 2.052 | 0.0 | 0.0 | 2.042 | 0.0 |
| 127 | 3439 | 3440 | SN | 1 | 0.0 | 25.871 | 8.522 | 0.0 | 27.283 | 8.35 | 0.0 | 170.099 | 2.304 | 0.0 | 63.472 | 2.122 | 0.0 | 1.887 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.015 | 0.0 | 0.0 | 2.055 | 0.0 |
| 128 | 3439 | 3440 | NS | 1 | 0.0 | 27.018 | 14.38 | 0.0 | 30.581 | 15.815 | 0.0 | 86.07 | 12.904 | 0.0 | 75.429 | 13.426 | 0.0 | 1.911 | 0.0 | 0.0 | 1.924 | 0.0 | 0.0 | 2.052 | 0.0 | 0.0 | 2.042 | 0.0 |
| 129 | 3439 | 3440 | SN | 1 | 0.0 | 30.735 | 14.925 | 0.0 | 26.323 | 14.768 | 0.0 | 153.438 | 11.439 | 0.0 | 38.429 | 11.66 | 0.0 | 1.889 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.067 | 0.0 |
| 130 | 3439 | 3440 | SN | 1 | 0.0 | 25.871 | 8.665 | 0.0 | 27.283 | 8.29 | 0.0 | 170.099 | 2.406 | 0.0 | 11.741 | 1.986 | 0.0 | 1.887 | 0.0 | 0.0 | 1.908 | 0.0 | 0.0 | 2.015 | 0.0 | 0.0 | 2.055 | 0.0 |
| 131 | 3439 | 3440 | SN | 1 | 0.0 | 29.869 | 14.921 | 0.0 | 26.323 | 14.804 | 0.0 | 153.438 | 11.441 | 0.0 | 38.429 | 11.753 | 0.0 | 1.889 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.067 | 0.0 |
| 132 | 3439 | 3440 | NS | 1 | 0.0 | 24.939 | 9.653 | 0.0 | 24.806 | 9.667 | 0.0 | 341.205 | 3.603 | 0.0 | 144.278 | 3.68 | 0.0 | 1.908 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.054 | 0.0 | 0.0 | 2.041 | 0.0 |
| 133 | 3439 | 3440 | NS | 1 | 0.0 | 24.939 | 9.669 | 0.0 | 24.806 | 9.651 | 0.0 | 341.15 | 3.605 | 0.0 | 143.897 | 3.682 | 0.0 | 1.901 | 0.0 | 0.0 | 1.91 | 0.0 | 0.0 | 2.054 | 0.0 | 0.0 | 2.04 | 0.0 |
| 134 | 3439 | 3440 | SN | 1 | 0.0 | 30.735 | 14.979 | 0.0 | 26.323 | 14.28 | 0.0 | 153.438 | 11.747 | 0.0 | 14.14 | 10.893 | 0.0 | 1.889 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.067 | 0.0 |
| 135 | 3440 | 3441 | NS | 1 | 0.0 | 24.928 | 9.691 | 0.0 | 24.806 | 9.671 | 0.0 | 355.048 | 3.614 | 0.0 | 139.469 | 3.695 | 0.0 | 1.902 | 0.0 | 0.0 | 1.902 | 0.0 | 0.0 | 2.054 | 0.0 | 0.0 | 2.041 | 0.0 |
| 136 | 3440 | 3441 | NS | 1 | 0.0 | 24.928 | 9.686 | 0.0 | 24.806 | 9.654 | 0.0 | 345.667 | 3.624 | 0.0 | 143.009 | 3.709 | 0.0 | 1.904 | 0.0 | 0.0 | 1.904 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.041 | 0.0 |
| 137 | 3440 | 3441 | SN | 1 | 0.0 | 30.674 | 14.977 | 0.0 | 26.318 | 14.834 | 0.0 | 153.681 | 11.328 | 0.0 | 53.126 | 11.575 | 0.0 | 1.887 | 0.0 | 0.0 | 1.938 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.064 | 0.0 |
| 138 | 3440 | 3441 | SN | 1 | 0.0 | 25.887 | 8.659 | 0.0 | 27.272 | 8.187 | 0.0 | 148.949 | 2.454 | 0.0 | 11.741 | 1.923 | 0.0 | 1.887 | 0.0 | 0.0 | 1.892 | 0.0 | 0.0 | 2.017 | 0.0 | 0.0 | 2.052 | 0.0 |
| 139 | 3440 | 3441 | SN | 1 | 0.0 | 30.674 | 15.111 | 0.0 | 26.318 | 14.311 | 0.0 | 153.681 | 11.856 | 0.0 | 13.451 | 10.656 | 0.0 | 1.887 | 0.0 | 0.0 | 1.938 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.064 | 0.0 |
| 140 | 3440 | 3441 | SN | 1 | 0.0 | 25.887 | 8.494 | 0.0 | 27.272 | 8.264 | 0.0 | 148.949 | 2.301 | 0.0 | 69.87 | 2.074 | 0.0 | 1.887 | 0.0 | 0.0 | 1.892 | 0.0 | 0.0 | 2.017 | 0.0 | 0.0 | 2.052 | 0.0 |
| 141 | 3440 | 3441 | NS | 1 | 0.0 | 27.007 | 14.339 | 0.0 | 30.592 | 15.798 | 0.0 | 348.744 | 12.981 | 0.0 | 94.075 | 13.49 | 0.0 | 1.911 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.043 | 0.0 |
| 142 | 3440 | 3441 | SN | 1 | 0.0 | 29.875 | 14.973 | 0.0 | 26.318 | 14.874 | 0.0 | 153.681 | 11.336 | 0.0 | 53.214 | 11.681 | 0.0 | 1.887 | 0.0 | 0.0 | 1.938 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.064 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 143 | 3440 | 3441 | SN | 1 | 0.0 | 25.887 | 8.49 | 0.0 | 27.272 | 8.287 | 0.0 | 148.949 | 2.297 | 0.0 | 70.04 | 2.099 | 0.0 | 1.887 | 0.0 | 0.0 | 1.892 | 0.0 | 0.0 | 2.017 | 0.0 | 0.0 | 2.052 | 0.0 |
| 144 | 3440 | 3441 | NS | 1 | 0.0 | 27.007 | 14.372 | 0.0 | 33.575 | 15.835 | 0.0 | 148.687 | 12.957 | 0.0 | 69.77 | 13.468 | 0.0 | 1.91 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.051 | 0.0 | 0.0 | 2.043 | 0.0 |
| 145 | 3441 | 3442 | SN | 1 | 0.0 | 25.865 | 8.43 | 0.0 | 27.261 | 8.227 | 0.0 | 157.613 | 2.3 | 0.0 | 209.209 | 2.042 | 0.0 | 1.887 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.049 | 0.0 |
| 146 | 3441 | 3442 | NS | 1 | 0.0 | 27.012 | 14.394 | 0.0 | 33.57 | 15.851 | 0.0 | 147.248 | 13.021 | 0.0 | 91.08 | 13.489 | 0.0 | 1.91 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.047 | 0.0 |
| 147 | 3441 | 3442 | NS | 1 | 0.0 | 27.012 | 14.344 | 0.0 | 30.619 | 15.851 | 0.0 | 220.735 | 12.978 | 0.0 | 90.898 | 13.482 | 0.0 | 1.914 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.056 | 0.0 | 0.0 | 2.043 | 0.0 |
| 148 | 3441 | 3442 | SN | 1 | 0.0 | 33.421 | 14.988 | 0.0 | 26.185 | 14.671 | 0.0 | 150.521 | 11.353 | 0.0 | 224.287 | 11.592 | 0.0 | 1.883 | 0.0 | 0.0 | 1.939 | 0.0 | 0.0 | 2.02 | 0.0 | 0.0 | 2.069 | 0.0 |
| 149 | 3441 | 3442 | SN | 1 | 0.0 | 32.842 | 15.019 | 0.0 | 26.185 | 14.671 | 0.0 | 150.129 | 11.36 | 0.0 | 224.287 | 11.585 | 0.0 | 1.883 | 0.0 | 0.0 | 1.939 | 0.0 | 0.0 | 2.02 | 0.0 | 0.0 | 2.069 | 0.0 |
| 150 | 3441 | 3442 | NS | 1 | 0.0 | 24.961 | 9.688 | 0.0 | 24.812 | 9.674 | 0.0 | 355.196 | 3.632 | 0.0 | 88.339 | 3.711 | 0.0 | 1.906 | 0.0 | 0.0 | 1.902 | 0.0 | 0.0 | 2.055 | 0.0 | 0.0 | 2.043 | 0.0 |
| 151 | 3441 | 3442 | NS | 1 | 0.0 | 24.955 | 9.678 | 0.0 | 24.812 | 9.669 | 0.0 | 355.185 | 3.641 | 0.0 | 88.124 | 3.7 | 0.0 | 1.908 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 2.055 | 0.0 | 0.0 | 2.043 | 0.0 |
| 152 | 3441 | 3442 | SN | 1 | 0.0 | 25.865 | 8.433 | 0.0 | 27.261 | 8.231 | 0.0 | 158.01 | 2.298 | 0.0 | 209.209 | 2.044 | 0.0 | 1.887 | 0.0 | 0.0 | 1.906 | 0.0 | 0.0 | 2.019 | 0.0 | 0.0 | 2.049 | 0.0 |
| 153 | 3442 | 3443 | SN | 1 | 0.0 | 25.871 | 8.469 | 0.0 | 27.266 | 8.217 | 0.0 | 155.093 | 2.284 | 0.0 | 61.156 | 2.053 | 0.0 | 1.887 | 0.0 | 0.0 | 1.891 | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.046 | 0.0 |
| 154 | 3442 | 3443 | NS | 1 | 0.0 | 27.04 | 14.38 | 0.0 | 30.674 | 15.83 | 0.0 | 355.279 | 12.944 | 0.0 | 72.561 | 13.507 | 0.0 | 1.91 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.052 | 0.0 | 0.0 | 2.044 | 0.0 |
| 155 | 3442 | 3443 | NS | 1 | 0.0 | 24.933 | 9.709 | 0.0 | 24.795 | 9.665 | 0.0 | 355.279 | 3.623 | 0.0 | 150.129 | 3.707 | 0.0 | 1.902 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.042 | 0.0 |
| 156 | 3442 | 3443 | SN | 1 | 0.0 | 33.404 | 15.013 | 0.0 | 26.185 | 14.723 | 0.0 | 148.028 | 11.339 | 0.0 | 54.174 | 11.521 | 0.0 | 1.883 | 0.0 | 0.0 | 1.918 | 0.0 | 0.0 | 2.02 | 0.0 | 0.0 | 2.065 | 0.0 |
| 157 | 3443 | 3444 | NS | 1 | 0.0 | 27.001 | 14.38 | 0.0 | 30.685 | 15.779 | 0.0 | 355.257 | 12.98 | 0.0 | 73.096 | 13.492 | 0.0 | 1.906 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.054 | 0.0 | 0.0 | 2.044 | 0.0 |
| 158 | 3443 | 3444 | SN | 1 | 0.0 | 33.41 | 15.013 | 0.0 | 26.301 | 14.734 | 0.0 | 168.268 | 11.361 | 0.0 | 54.731 | 11.471 | 0.0 | 1.883 | 0.0 | 0.0 | 1.921 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.068 | 0.0 |
| 159 | 3443 | 3444 | NS | 1 | 0.0 | 24.922 | 9.693 | 0.0 | 24.812 | 9.673 | 0.0 | 355.257 | 3.634 | 0.0 | 141.653 | 3.726 | 0.0 | 1.896 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.054 | 0.0 | 0.0 | 2.043 | 0.0 |
| 160 | 3444 | 3445 | NS | 1 | 0.0 | 27.046 | 14.373 | 0.0 | 30.299 | 15.729 | 0.0 | 347.729 | 13.007 | 0.0 | 28.11 | 13.497 | 0.0 | 1.905 | 0.0 | 0.0 | 1.916 | 0.0 | 0.0 | 2.053 | 0.0 | 0.0 | 2.041 | 0.0 |

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

Normal
Alarming
Deviations
High Errors