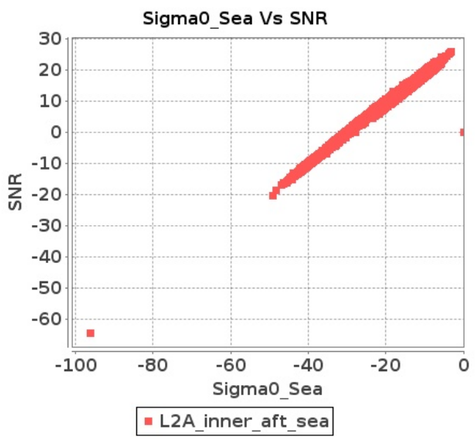
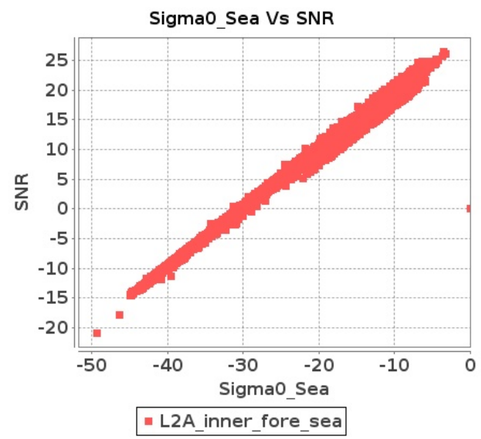
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 02-FEB-2020 To 03-FEB-2020

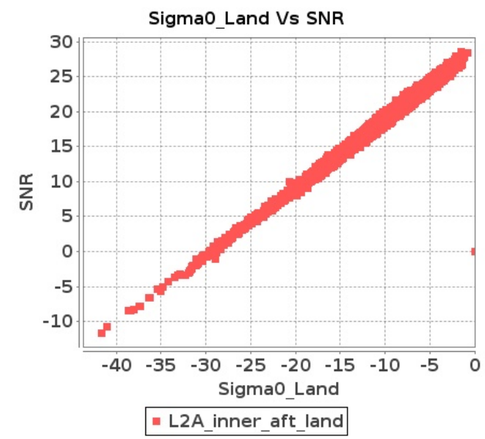
## Inner Sea Aft Sigma0VsSNR



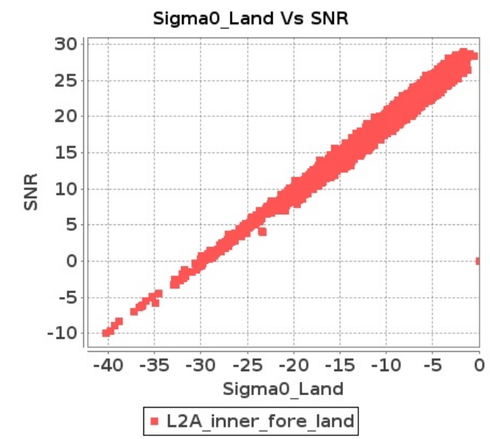

## Inner Sea Fore Sigma0VsSNR



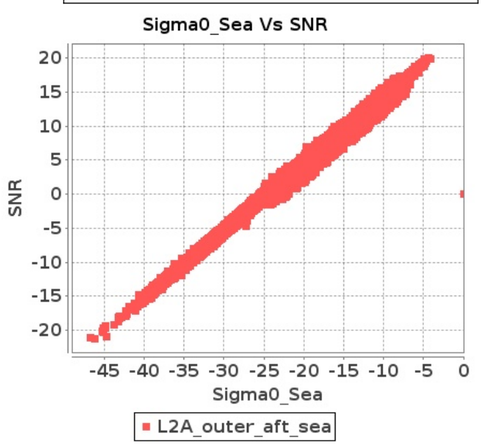

## Inner Land Aft Sigma0VsSNR



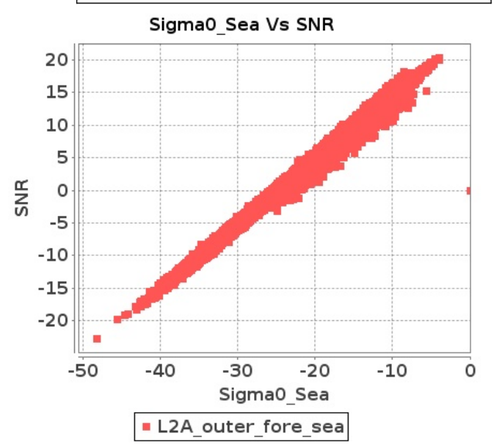

## Inner Land Fore Sigma0VsSNR



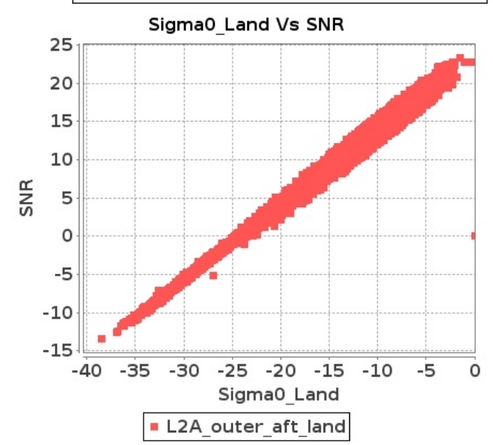

## Outer Sea Aft Sigma0VsSNR



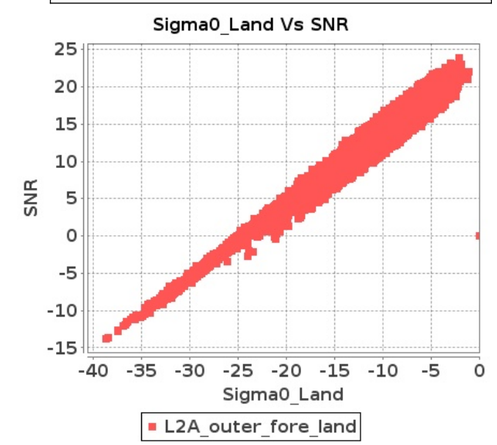

## Outer Sea Fore Sigma0VsSNR




## Outer Land Aft Sigma0VsSNR




## Outer Land Fore Sigma0VsSNR



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

Report between 02-FEB-2020 To 03-FEB-2020

| | | | | | 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 | 17745 | 17746 | SN | 1 | 0.0 | 48.302 | 1.109 | 0.0 | 43.404 | 1.274 | 0.0 | 51.212 | 1.129 | 0.0 | 47.153 | 1.384 | 0.0 | 46.806 | 1.084 | 0.0 | 44.369 | 1.197 | 0.0 | 47.663 | 1.06 | 0.0 | 46.836 | 1.182 |
| 2 | 17745 | 17746 | SN | 1 | 0.0 | 48.302 | 1.135 | 0.0 | 43.404 | 1.302 | 0.0 | 51.212 | 1.158 | 0.0 | 47.153 | 1.409 | 0.0 | 46.806 | 1.11 | 0.0 | 44.369 | 1.228 | 0.0 | 47.663 | 1.087 | 0.0 | 46.836 | 1.211 |
| 3 | 17745 | 17746 | SN | 1 | 0.0 | 48.302 | 1.1 | 0.0 | 43.413 | 1.274 | 0.0 | 51.04 | 1.138 | 0.0 | 45.055 | 1.395 | 0.0 | 46.806 | 1.093 | 0.0 | 44.369 | 1.202 | 0.0 | 47.493 | 1.06 | 0.0 | 41.414 | 1.171 |
| 4 | 17745 | 17746 | NS | 1 | 0.0 | 51.493 | 1.817 | 0.0 | 51.913 | 2.486 | 0.0 | 43.952 | 1.541 | 0.0 | 45.117 | 2.21 | 0.0 | 54.298 | 1.813 | 0.0 | 50.441 | 2.271 | 0.0 | 44.226 | 1.528 | 0.0 | 40.026 | 1.926 |
| 5 | 17745 | 17746 | SN | 1 | 0.0 | 53.398 | 4.516 | 0.0 | 48.735 | 4.763 | 0.0 | 49.39 | 3.796 | 0.0 | 41.299 | 4.547 | 0.0 | 52.698 | 4.597 | 0.0 | 50.247 | 4.377 | 0.0 | 47.276 | 3.703 | 0.0 | 41.772 | 3.914 |
| 6 | 17745 | 17746 | SN | 1 | 0.0 | 53.398 | 4.496 | 0.0 | 54.182 | 4.773 | 0.0 | 49.561 | 3.789 | 0.0 | 41.849 | 4.547 | 0.0 | 52.698 | 4.608 | 0.0 | 51.888 | 4.387 | 0.0 | 47.448 | 3.703 | 0.0 | 42.058 | 3.885 |
| 7 | 17745 | 17746 | SN | 1 | 0.0 | 53.398 | 4.603 | 0.0 | 54.182 | 4.885 | 0.0 | 49.561 | 3.878 | 0.0 | 41.849 | 4.654 | 0.0 | 52.698 | 4.717 | 0.0 | 51.888 | 4.49 | 0.0 | 47.448 | 3.784 | 0.0 | 42.058 | 3.992 |
| 8 | 17745 | 17746 | NS | 1 | 0.0 | 53.088 | 7.372 | 0.0 | 53.5 | 9.61 | 0.0 | 45.791 | 5.847 | 0.0 | 46.721 | 7.11 | 0.0 | 55.23 | 7.433 | 0.0 | 54.467 | 9.204 | 0.0 | 45.247 | 5.79 | 0.0 | 45.037 | 6.419 |
| 9 | 17746 | 17747 | SN | 1 | 0.0 | 46.2 | 1.032 | 0.0 | 41.989 | 1.444 | 0.0 | 45.292 | 1.187 | 0.0 | 43.891 | 1.882 | 0.0 | 45.71 | 1.037 | 0.0 | 42.83 | 1.407 | 0.0 | 44.176 | 1.198 | 0.0 | 45.843 | 1.695 |
| 10 | 17746 | 17747 | SN | 1 | 0.0 | 51.195 | 3.925 | 0.0 | 48.395 | 4.792 | 0.0 | 47.382 | 3.718 | 0.0 | 41.327 | 5.608 | 0.0 | 51.292 | 3.904 | 0.0 | 50.066 | 4.72 | 0.0 | 45.157 | 3.711 | 0.0 | 40.147 | 5.182 |
| 11 | 17746 | 17747 | NS | 1 | 0.0 | 49.885 | 4.043 | 0.0 | 54.584 | 5.206 | 0.0 | 48.382 | 3.917 | 0.0 | 48.429 | 4.431 | 0.0 | 50.949 | 3.942 | 0.0 | 55.857 | 4.983 | 0.0 | 45.841 | 3.774 | 0.0 | 45.594 | 3.997 |
| 12 | 17746 | 17747 | SN | 1 | 0.0 | 46.142 | 1.001 | 0.0 | 42.123 | 1.43 | 0.0 | 45.646 | 1.15 | 0.0 | 43.573 | 1.87 | 0.0 | 45.497 | 1.012 | 0.0 | 42.966 | 1.387 | 0.0 | 44.527 | 1.157 | 0.0 | 45.524 | 1.687 |
| 13 | 17746 | 17747 | SN | 1 | 0.093 | 51.195 | 3.878 | 0.0 | 48.395 | 4.731 | 0.0 | 47.382 | 3.666 | 0.0 | 41.327 | 5.543 | 0.484 | 51.292 | 3.858 | 0.0 | 50.066 | 4.66 | 0.0 | 45.157 | 3.666 | 0.0 | 40.147 | 5.123 |
| 14 | 17746 | 17747 | SN | 1 | 0.0 | 46.142 | 1.013 | 0.0 | 42.123 | 1.448 | 0.0 | 45.646 | 1.163 | 0.0 | 43.573 | 1.892 | 0.0 | 45.497 | 1.024 | 0.0 | 42.966 | 1.405 | 0.0 | 44.527 | 1.171 | 0.0 | 45.524 | 1.709 |
| 15 | 17746 | 17747 | NS | 1 | 0.0 | 46.127 | 1.02 | 0.0 | 43.121 | 1.493 | 0.0 | 42.481 | 1.181 | 0.0 | 41.064 | 1.503 | 0.0 | 45.446 | 1.013 | 0.0 | 45.095 | 1.344 | 0.0 | 43.351 | 1.132 | 0.0 | 40.858 | 1.284 |
| 16 | 17746 | 17747 | NS | 1 | 0.0 | 52.129 | 3.85 | 0.0 | 52.371 | 5.256 | 0.0 | 47.429 | 4.086 | 0.0 | 51.073 | 4.537 | 0.0 | 51.574 | 3.972 | 0.0 | 54.752 | 5.002 | 0.0 | 48.229 | 4.136 | 0.0 | 47.854 | 4.252 |
| 17 | 17746 | 17747 | SN | 1 | 0.0 | 52.044 | 3.908 | 0.0 | 48.025 | 4.761 | 0.0 | 47.029 | 3.722 | 0.0 | 41.834 | 5.665 | 0.0 | 52.138 | 3.929 | 0.0 | 49.697 | 4.679 | 0.0 | 44.806 | 3.744 | 0.0 | 40.652 | 5.154 |
| 18 | 17746 | 17747 | NS | 1 | 0.0 | 45.465 | 1.031 | 0.0 | 42.754 | 1.459 | 0.0 | 44.535 | 1.295 | 0.0 | 46.818 | 1.419 | 0.0 | 44.832 | 1.013 | 0.0 | 41.961 | 1.352 | 0.0 | 44.696 | 1.227 | 0.0 | 43.966 | 1.252 |
| 19 | 17747 | 17748 | SN | 1 | 0.0 | 34.818 | 0.361 | 0.0 | 47.177 | 0.499 | 0.0 | 39.034 | 0.741 | 0.0 | 39.433 | 1.079 | 0.0 | 33.878 | 0.349 | 0.0 | 44.058 | 0.386 | 0.0 | 38.167 | 0.625 | 0.0 | 37.559 | 0.74 |
| 20 | 17747 | 17748 | NS | 1 | 0.0 | 44.218 | 2.997 | 0.0 | 46.968 | 4.229 | 0.0 | 43.898 | 3.168 | 0.0 | 48.223 | 4.295 | 0.0 | 44.547 | 2.956 | 0.0 | 46.642 | 3.995 | 0.0 | 44.369 | 2.99 | 0.0 | 50.524 | 3.768 |
| 21 | 17747 | 17748 | SN | 1 | 0.0 | 48.161 | 1.429 | 0.0 | 41.146 | 1.773 | 0.0 | 43.452 | 2.088 | 0.0 | 43.559 | 2.782 | 0.0 | 48.215 | 1.439 | 0.0 | 40.39 | 1.495 | 0.0 | 41.01 | 1.757 | 0.0 | 41.829 | 2.189 |
| 22 | 17747 | 17748 | NS | 1 | 0.0 | 44.574 | 0.898 | 0.0 | 45.022 | 1.228 | 0.0 | 37.793 | 1.041 | 0.0 | 43.946 | 1.325 | 0.0 | 45.576 | 0.864 | 0.0 | 46.891 | 1.129 | 0.0 | 36.057 | 0.954 | 0.0 | 45.911 | 1.119 |
| 23 | 17747 | 17748 | SN | 1 | 0.0 | 48.161 | 1.407 | 0.0 | 41.146 | 1.746 | 0.0 | 43.452 | 2.057 | 0.0 | 43.559 | 2.746 | 0.0 | 48.215 | 1.418 | 0.0 | 40.39 | 1.472 | 0.0 | 41.01 | 1.731 | 0.0 | 41.829 | 2.156 |
| 24 | 17747 | 17748 | SN | 1 | 0.0 | 34.818 | 0.366 | 0.0 | 47.177 | 0.506 | 0.0 | 39.034 | 0.753 | 0.0 | 39.433 | 1.094 | 0.0 | 33.878 | 0.355 | 0.0 | 44.058 | 0.392 | 0.0 | 38.167 | 0.634 | 0.0 | 37.559 | 0.75 |
| 25 | 17748 | 17749 | NS | 1 | 0.0 | 52.731 | 1.264 | 0.0 | 49.156 | 1.758 | 0.0 | 40.166 | 1.174 | 0.0 | 45.825 | 1.729 | 0.0 | 53.59 | 1.234 | 0.0 | 50.726 | 1.649 | 0.0 | 38.008 | 1.122 | 0.0 | 42.898 | 1.553 |
| 26 | 17748 | 17749 | SN | 1 | 0.0 | 35.152 | 1.576 | 0.0 | 42.323 | 1.933 | 0.0 | 40.377 | 1.73 | 0.0 | 42.278 | 2.942 | 0.0 | 36.232 | 1.576 | 0.0 | 38.282 | 1.6 | 0.0 | 41.333 | 1.657 | 0.0 | 41.77 | 2.25 |
| 27 | 17748 | 17749 | NS | 1 | 0.0 | 55.004 | 5.576 | 0.0 | 53.904 | 7.128 | 0.0 | 47.815 | 4.262 | 0.0 | 43.463 | 5.572 | 0.0 | 54.832 | 5.677 | 0.0 | 53.124 | 6.874 | 0.0 | 45.055 | 4.162 | 0.0 | 42.215 | 5.159 |
| 28 | 17748 | 17749 | NS | 1 | 0.0 | 50.093 | 5.576 | 0.0 | 53.924 | 7.108 | 0.0 | 45.782 | 4.297 | 0.0 | 44.503 | 5.558 | 0.0 | 50.467 | 5.637 | 0.0 | 53.142 | 6.803 | 0.0 | 47.411 | 4.29 | 0.0 | 44.406 | 5.102 |
| 29 | 17748 | 17749 | SN | 1 | 0.0 | 41.022 | 0.381 | 0.0 | 37.524 | 0.574 | 0.0 | 38.211 | 0.616 | 0.0 | 38.075 | 1.032 | 0.0 | 41.117 | 0.372 | 0.0 | 39.136 | 0.488 | 0.0 | 35.149 | 0.536 | 0.0 | 35.332 | 0.745 |
| 30 | 17748 | 17749 | SN | 1 | 0.0 | 35.152 | 1.538 | 0.0 | 42.323 | 1.889 | 0.0 | 40.377 | 1.695 | 0.0 | 42.278 | 2.888 | 0.0 | 36.232 | 1.538 | 0.0 | 38.282 | 1.564 | 0.0 | 41.333 | 1.617 | 0.0 | 39.156 | 2.205 |
| 31 | 17748 | 17749 | SN | 1 | 0.0 | 41.022 | 0.39 | 0.0 | 37.524 | 0.589 | 0.0 | 38.211 | 0.627 | 0.0 | 38.075 | 1.058 | 0.0 | 41.117 | 0.381 | 0.0 | 39.136 | 0.499 | 0.0 | 35.149 | 0.551 | 0.0 | 39.521 | 0.761 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 17748 | 17749 | NS | 1 | 0.0 | 44.054 | 1.273 | 0.0 | 48.545 | 1.74 | 0.0 | 37.625 | 1.214 | 0.0 | 42.524 | 1.714 | 0.0 | 44.33 | 1.221 | 0.0 | 50.431 | 1.656 | 0.0 | 38.876 | 1.126 | 0.0 | 42.772 | 1.579 |
| 33 | 17749 | 17750 | SN | 1 | 0.0 | 46.956 | 3.261 | 0.0 | 45.746 | 3.981 | 0.0 | 38.39 | 3.292 | 0.0 | 38.294 | 4.61 | 0.0 | 46.304 | 3.17 | 0.0 | 45.383 | 3.788 | 0.0 | 37.279 | 3.356 | 0.0 | 37.449 | 4.261 |
| 34 | 17749 | 17750 | NS | 1 | 0.0 | 52.838 | 1.026 | 0.0 | 47.083 | 1.235 | 0.0 | 43.689 | 1.135 | 0.0 | 40.609 | 1.517 | 0.0 | 53.962 | 1.044 | 0.0 | 46.784 | 1.138 | 0.0 | 43.392 | 1.096 | 0.0 | 39.332 | 1.354 |
| 35 | 17749 | 17750 | SN | 1 | 0.0 | 45.537 | 0.993 | 0.0 | 43.369 | 1.433 | 0.0 | 34.733 | 1.213 | 0.0 | 37.403 | 1.829 | 0.0 | 45.42 | 0.989 | 0.0 | 40.636 | 1.314 | 0.0 | 33.648 | 1.155 | 0.0 | 35.756 | 1.54 |
| 36 | 17749 | 17750 | NS | 1 | 0.0 | 49.315 | 3.677 | 0.0 | 45.265 | 3.823 | 0.0 | 45.992 | 3.935 | 0.0 | 41.325 | 4.546 | 0.0 | 49.26 | 3.666 | 0.0 | 45.592 | 3.579 | 0.0 | 46.419 | 3.721 | 0.0 | 41.948 | 4.14 |
| 37 | 17749 | 17750 | NS | 1 | 0.0 | 48.379 | 3.646 | 0.0 | 56.438 | 3.854 | 0.0 | 45.952 | 3.878 | 0.0 | 43.701 | 4.624 | 0.0 | 48.335 | 3.616 | 0.0 | 55.497 | 3.579 | 0.0 | 46.378 | 3.579 | 0.0 | 42.07 | 4.182 |
| 38 | 17749 | 17750 | SN | 1 | 0.0 | 45.537 | 0.958 | 0.0 | 43.369 | 1.387 | 0.0 | 34.733 | 1.168 | 0.0 | 37.403 | 1.779 | 0.0 | 45.42 | 0.954 | 0.0 | 40.636 | 1.272 | 0.0 | 33.648 | 1.112 | 0.0 | 35.756 | 1.494 |
| 39 | 17749 | 17750 | NS | 1 | 0.0 | 50.076 | 1.042 | 0.0 | 47.341 | 1.231 | 0.0 | 43.249 | 1.174 | 0.0 | 40.607 | 1.501 | 0.0 | 48.702 | 1.04 | 0.0 | 46.624 | 1.138 | 0.0 | 42.727 | 1.122 | 0.0 | 39.275 | 1.37 |
| 40 | 17749 | 17750 | SN | 1 | 0.0 | 46.956 | 3.381 | 0.0 | 45.746 | 4.127 | 0.0 | 38.39 | 3.413 | 0.0 | 38.294 | 4.693 | 0.0 | 46.304 | 3.286 | 0.0 | 45.383 | 3.917 | 0.0 | 37.279 | 3.479 | 0.0 | 37.449 | 4.361 |
| 41 | 17750 | 17751 | SN | 1 | 0.0 | 43.687 | 1.396 | 0.0 | 44.329 | 1.966 | 0.0 | 46.781 | 1.485 | 0.0 | 46.965 | 2.191 | 0.0 | 43.579 | 1.394 | 0.0 | 46.433 | 1.835 | 0.0 | 49.962 | 1.439 | 0.0 | 44.073 | 1.964 |
| 42 | 17750 | 17751 | NS | 1 | 0.0 | 50.412 | 4.945 | 0.0 | 52.016 | 5.805 | 0.0 | 47.655 | 5.322 | 0.0 | 45.347 | 7.466 | 0.0 | 51.493 | 5.006 | 0.0 | 52.342 | 5.276 | 0.0 | 47.474 | 5.151 | 0.0 | 46.406 | 6.39 |
| 43 | 17750 | 17751 | NS | 1 | 0.0 | 50.855 | 4.965 | 0.0 | 52.196 | 5.896 | 0.0 | 47.655 | 5.372 | 0.0 | 45.68 | 7.459 | 0.0 | 51.088 | 5.026 | 0.0 | 52.342 | 5.367 | 0.0 | 47.472 | 5.201 | 0.0 | 46.739 | 6.39 |
| 44 | 17750 | 17751 | NS | 1 | 0.0 | 51.846 | 1.589 | 0.0 | 45.63 | 1.995 | 0.0 | 41.862 | 1.617 | 0.0 | 43.002 | 2.199 | 0.0 | 53.955 | 1.557 | 0.0 | 44.569 | 1.737 | 0.0 | 42.583 | 1.477 | 0.0 | 40.562 | 1.853 |
| 45 | 17750 | 17751 | SN | 1 | 0.0 | 47.227 | 5.093 | 0.0 | 56.554 | 6.317 | 0.0 | 49.765 | 4.909 | 0.0 | 44.772 | 6.248 | 0.0 | 47.972 | 5.083 | 0.0 | 57.041 | 6.103 | 0.0 | 50.529 | 4.831 | 0.0 | 42.833 | 5.7 |
| 46 | 17750 | 17751 | SN | 1 | 0.0 | 49.046 | 5.103 | 0.0 | 56.441 | 6.286 | 0.0 | 43.178 | 4.994 | 0.0 | 44.877 | 6.226 | 0.0 | 48.182 | 5.113 | 0.0 | 56.818 | 6.063 | 0.0 | 44.969 | 4.93 | 0.0 | 42.833 | 5.636 |
| 47 | 17750 | 17751 | NS | 1 | 0.0 | 52.875 | 1.587 | 0.0 | 45.619 | 1.997 | 0.0 | 41.86 | 1.622 | 0.0 | 44.283 | 2.21 | 0.0 | 54.984 | 1.557 | 0.0 | 44.561 | 1.744 | 0.0 | 42.581 | 1.479 | 0.0 | 44.697 | 1.847 |
| 48 | 17750 | 17751 | SN | 1 | 0.0 | 47.01 | 5.375 | 0.0 | 56.554 | 6.662 | 0.0 | 49.765 | 5.183 | 0.0 | 44.772 | 6.558 | 0.0 | 47.755 | 5.364 | 0.0 | 57.041 | 6.436 | 0.0 | 50.529 | 5.1 | 0.0 | 42.833 | 6.009 |
| 49 | 17750 | 17751 | SN | 1 | 0.0 | 43.687 | 1.323 | 0.0 | 44.329 | 1.864 | 0.0 | 46.781 | 1.409 | 0.0 | 46.965 | 2.085 | 0.0 | 43.579 | 1.321 | 0.0 | 46.433 | 1.74 | 0.0 | 49.962 | 1.365 | 0.0 | 44.073 | 1.863 |
| 50 | 17750 | 17751 | SN | 1 | 0.0 | 48.294 | 1.348 | 0.0 | 45.316 | 1.873 | 0.0 | 44.154 | 1.412 | 0.0 | 46.965 | 2.097 | 0.0 | 48.182 | 1.321 | 0.0 | 45.115 | 1.753 | 0.0 | 46.839 | 1.365 | 0.0 | 44.073 | 1.863 |
| 51 | 17751 | 17752 | NS | 1 | 0.0 | 46.085 | 1.427 | 0.0 | 39.639 | 2.16 | 0.0 | 38.199 | 1.616 | 0.0 | 40.711 | 2.124 | 0.0 | 44.802 | 1.429 | 0.0 | 40.316 | 1.943 | 0.0 | 36.276 | 1.52 | 0.0 | 40.672 | 1.886 |
| 52 | 17751 | 17752 | NS | 1 | 0.0 | 42.819 | 1.343 | 0.0 | 43.461 | 2.133 | 0.0 | 43.135 | 1.607 | 0.0 | 36.392 | 2.138 | 0.0 | 43.244 | 1.311 | 0.0 | 44.995 | 1.975 | 0.0 | 41.358 | 1.554 | 0.0 | 35.306 | 1.859 |
| 53 | 17751 | 17752 | SN | 1 | 0.0 | 53.251 | 6.626 | 0.0 | 52.491 | 7.21 | 0.0 | 42.193 | 4.439 | 0.0 | 46.546 | 6.248 | 0.0 | 53.648 | 6.648 | 0.0 | 49.351 | 6.86 | 0.0 | 42.79 | 4.377 | 0.0 | 49.362 | 5.679 |
| 54 | 17751 | 17752 | SN | 1 | 0.0 | 48.331 | 1.562 | 0.0 | 48.287 | 1.924 | 0.0 | 36.605 | 1.216 | 0.0 | 41.865 | 1.742 | 0.0 | 48.865 | 1.566 | 0.0 | 47.773 | 1.775 | 0.0 | 38.309 | 1.108 | 0.0 | 42.471 | 1.524 |
| 55 | 17751 | 17752 | SN | 1 | 0.0 | 48.028 | 1.546 | 0.0 | 48.768 | 1.909 | 0.0 | 36.723 | 1.201 | 0.0 | 41.73 | 1.744 | 0.0 | 48.561 | 1.553 | 0.0 | 48.037 | 1.764 | 0.0 | 37.879 | 1.111 | 0.0 | 42.322 | 1.517 |
| 56 | 17751 | 17752 | NS | 1 | 0.0 | 43.147 | 4.693 | 0.0 | 44.142 | 6.994 | 0.0 | 46.325 | 5.084 | 0.0 | 44.131 | 6.177 | 0.0 | 43.226 | 4.764 | 0.0 | 45.027 | 6.699 | 0.0 | 46.505 | 4.985 | 0.0 | 44.479 | 5.814 |
| 57 | 17751 | 17752 | NS | 1 | 0.0 | 53.949 | 4.846 | 0.0 | 47.654 | 7.136 | 0.0 | 46.326 | 5.146 | 0.0 | 48.169 | 6.531 | 0.0 | 54.116 | 4.785 | 0.0 | 47.158 | 6.862 | 0.0 | 46.019 | 5.06 | 0.0 | 47.069 | 5.755 |
| 58 | 17751 | 17752 | SN | 1 | 0.63 | 53.266 | 6.075 | 0.0 | 52.49 | 6.771 | 0.0 | 42.952 | 4.148 | 0.0 | 45.087 | 5.82 | 0.9 | 53.664 | 6.146 | 0.0 | 49.351 | 6.456 | 0.0 | 43.61 | 4.056 | 0.0 | 45.561 | 5.293 |
| 59 | 17751 | 17752 | SN | 1 | 0.631 | 53.251 | 6.136 | 0.0 | 52.491 | 6.71 | 0.0 | 42.193 | 4.148 | 0.0 | 46.546 | 5.841 | 0.898 | 53.648 | 6.187 | 0.0 | 49.351 | 6.405 | 0.0 | 42.79 | 4.085 | 0.0 | 49.362 | 5.3 |
| 60 | 17751 | 17752 | SN | 1 | 0.0 | 48.331 | 1.673 | 0.0 | 48.287 | 2.067 | 0.0 | 40.479 | 1.285 | 0.0 | 41.865 | 1.856 | 0.0 | 48.865 | 1.67 | 0.0 | 47.773 | 1.904 | 0.0 | 42.841 | 1.19 | 0.0 | 42.471 | 1.636 |
| 61 | 17752 | 17753 | SN | 1 | 0.0 | 47.267 | 0.992 | 0.0 | 45.355 | 1.24 | 0.0 | 40.434 | 0.784 | 0.0 | 44.595 | 1.103 | 0.0 | 47.648 | 0.983 | 0.0 | 44.584 | 1.179 | 0.0 | 39.135 | 0.722 | 0.0 | 39.489 | 0.91 |
| 62 | 17752 | 17753 | SN | 1 | 0.0 | 47.604 | 4.243 | 0.0 | 54.213 | 5.086 | 0.0 | 46.866 | 3.256 | 0.0 | 53.198 | 3.942 | 0.0 | 47.115 | 4.263 | 0.0 | 52.842 | 4.751 | 0.0 | 45.699 | 2.986 | 0.0 | 47.833 | 3.543 |
| 63 | 17752 | 17753 | SN | 1 | 0.0 | 47.604 | 4.243 | 0.0 | 54.213 | 5.086 | 0.0 | 46.866 | 3.256 | 0.0 | 53.198 | 3.942 | 0.0 | 47.115 | 4.263 | 0.0 | 52.842 | 4.751 | 0.0 | 45.699 | 2.986 | 0.0 | 47.833 | 3.543 |
| 64 | 17752 | 17753 | SN | 1 | 0.0 | 47.604 | 4.706 | 0.0 | 54.213 | 5.638 | 0.0 | 46.866 | 3.575 | 0.0 | 53.198 | 4.273 | 0.0 | 47.115 | 4.729 | 0.0 | 52.842 | 5.276 | 0.0 | 45.699 | 3.299 | 0.0 | 47.833 | 3.884 |
| 65 | 17752 | 17753 | NS | 1 | 0.0 | 44.779 | 2.408 | 0.0 | 44.603 | 2.989 | 0.0 | 47.892 | 2.776 | 0.0 | 41.272 | 3.433 | 0.0 | 43.887 | 2.458 | 0.0 | 43.506 | 2.633 | 0.0 | 44.972 | 2.627 | 0.0 | 42.083 | 2.906 |
| 66 | 17752 | 17753 | NS | 1 | 0.0 | 44.778 | 2.377 | 0.0 | 45.927 | 2.938 | 0.0 | 48.033 | 2.79 | 0.0 | 41.266 | 3.433 | 0.0 | 43.888 | 2.408 | 0.0 | 46.344 | 2.592 | 0.0 | 45.44 | 2.655 | 0.0 | 42.076 | 2.977 |
| 67 | 17752 | 17753 | NS | 1 | 0.0 | 44.755 | 0.574 | 0.0 | 46.616 | 0.758 | 0.0 | 42.457 | 0.794 | 0.0 | 45.821 | 1.094 | 0.0 | 43.681 | 0.588 | 0.0 | 47.22 | 0.674 | 0.0 | 40.052 | 0.73 | 0.0 | 44.778 | 0.877 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 17752 | 17753 | NS | 1 | 0.0 | 44.796 | 0.565 | 0.0 | 46.501 | 0.767 | 0.0 | 42.966 | 0.79 | 0.0 | 45.748 | 1.115 | 0.0 | 43.722 | 0.577 | 0.0 | 47.105 | 0.672 | 0.0 | 40.562 | 0.725 | 0.0 | 44.707 | 0.888 |
| 69 | 17752 | 17753 | SN | 1 | 0.0 | 47.267 | 0.992 | 0.0 | 45.355 | 1.24 | 0.0 | 40.434 | 0.784 | 0.0 | 44.595 | 1.103 | 0.0 | 47.648 | 0.983 | 0.0 | 44.584 | 1.179 | 0.0 | 39.135 | 0.722 | 0.0 | 39.489 | 0.91 |
| 70 | 17752 | 17753 | SN | 1 | 0.0 | 47.267 | 1.1 | 0.0 | 45.355 | 1.372 | 0.0 | 40.434 | 0.864 | 0.0 | 44.595 | 1.187 | 0.0 | 47.648 | 1.09 | 0.0 | 44.584 | 1.307 | 0.0 | 39.135 | 0.795 | 0.0 | 39.489 | 0.99 |
| 71 | 17753 | 17754 | SN | 1 | 0.0 | 49.803 | 3.533 | 0.0 | 47.62 | 4.285 | 0.0 | 38.106 | 3.376 | 0.0 | 39.572 | 4.404 | 0.0 | 50.616 | 3.705 | 0.0 | 47.647 | 4.204 | 0.0 | 38.123 | 3.305 | 0.0 | 40.508 | 4.133 |
| 72 | 17753 | 17754 | NS | 1 | 0.0 | 42.883 | 4.794 | 0.0 | 50.445 | 5.909 | 0.0 | 46.823 | 4.454 | 0.0 | 46.678 | 5.323 | 0.0 | 44.785 | 4.824 | 0.0 | 47.746 | 5.492 | 0.0 | 47.445 | 4.369 | 0.0 | 49.87 | 4.967 |
| 73 | 17753 | 17754 | NS | 1 | 0.0 | 42.897 | 4.845 | 0.0 | 51.99 | 5.848 | 0.0 | 42.208 | 4.447 | 0.0 | 45.765 | 5.28 | 0.0 | 44.236 | 4.885 | 0.0 | 51.491 | 5.522 | 0.0 | 42.181 | 4.297 | 0.0 | 48.155 | 4.881 |
| 74 | 17753 | 17754 | SN | 1 | 0.0 | 44.156 | 0.946 | 0.0 | 45.606 | 1.276 | 0.0 | 39.266 | 0.948 | 0.0 | 38.109 | 1.325 | 0.0 | 44.04 | 0.926 | 0.0 | 44.743 | 1.251 | 0.0 | 36.921 | 0.938 | 0.0 | 35.24 | 1.192 |
| 75 | 17753 | 17754 | SN | 1 | 0.0 | 44.156 | 0.946 | 0.0 | 45.606 | 1.276 | 0.0 | 39.266 | 0.947 | 0.0 | 38.109 | 1.327 | 0.0 | 44.04 | 0.926 | 0.0 | 44.743 | 1.251 | 0.0 | 36.921 | 0.936 | 0.0 | 35.24 | 1.192 |
| 76 | 17753 | 17754 | NS | 1 | 0.0 | 48.273 | 1.196 | 0.0 | 42.163 | 1.577 | 0.0 | 37.577 | 1.273 | 0.0 | 39.286 | 1.713 | 0.0 | 48.792 | 1.198 | 0.0 | 43.469 | 1.477 | 0.0 | 37.735 | 1.296 | 0.0 | 38.337 | 1.578 |
| 77 | 17753 | 17754 | NS | 1 | 0.0 | 45.155 | 1.234 | 0.0 | 45.135 | 1.586 | 0.0 | 43.412 | 1.284 | 0.0 | 44.215 | 1.729 | 0.0 | 45.689 | 1.266 | 0.0 | 45.899 | 1.482 | 0.0 | 41.963 | 1.28 | 0.0 | 48.404 | 1.565 |
| 78 | 17753 | 17754 | SN | 1 | 0.0 | 49.803 | 3.533 | 0.0 | 47.62 | 4.285 | 0.0 | 38.106 | 3.376 | 0.0 | 39.572 | 4.404 | 0.0 | 50.616 | 3.705 | 0.0 | 47.647 | 4.204 | 0.0 | 38.123 | 3.312 | 0.0 | 40.508 | 4.133 |
| 79 | 17754 | 17755 | SN | 1 | 0.0 | 50.553 | 3.127 | 0.818 | 45.862 | 4.043 | 0.0 | 38.571 | 3.339 | 0.0 | 50.813 | 4.376 | 0.0 | 49.622 | 3.086 | 0.11 | 43.793 | 3.779 | 0.0 | 39.623 | 3.332 | 0.0 | 47.344 | 3.956 |
| 80 | 17754 | 17755 | NS | 1 | 0.0 | 45.882 | 2.64 | 0.0 | 50.626 | 3.805 | 0.0 | 44.19 | 3.286 | 0.0 | 43.531 | 4.334 | 0.0 | 46.807 | 2.731 | 0.0 | 50.042 | 3.307 | 0.0 | 43.396 | 3.108 | 0.0 | 40.961 | 3.685 |
| 81 | 17754 | 17755 | NS | 1 | 0.0 | 38.214 | 0.798 | 0.0 | 41.48 | 1.166 | 0.0 | 43.189 | 1.008 | 0.0 | 37.649 | 1.496 | 0.0 | 36.984 | 0.795 | 0.0 | 41.667 | 1.051 | 0.0 | 41.693 | 0.967 | 0.0 | 38.107 | 1.248 |
| 82 | 17754 | 17755 | NS | 1 | 0.0 | 36.441 | 0.802 | 0.0 | 38.233 | 1.169 | 0.0 | 39.076 | 1.045 | 0.0 | 40.053 | 1.539 | 0.0 | 35.213 | 0.786 | 0.0 | 39.091 | 1.074 | 0.0 | 37.58 | 0.965 | 0.0 | 37.738 | 1.269 |
| 83 | 17754 | 17755 | SN | 1 | 0.0 | 42.631 | 0.912 | 0.0 | 42.343 | 1.105 | 0.0 | 37.167 | 1.18 | 0.0 | 48.01 | 1.381 | 0.0 | 43.775 | 0.91 | 0.0 | 43.646 | 1.028 | 0.0 | 36.081 | 1.111 | 0.0 | 42.625 | 1.171 |
| 84 | 17754 | 17755 | NS | 1 | 0.0 | 48.024 | 2.64 | 0.0 | 51.583 | 3.836 | 0.0 | 38.63 | 3.25 | 0.0 | 40.767 | 4.377 | 0.0 | 48.419 | 2.751 | 0.0 | 50.999 | 3.368 | 0.0 | 37.486 | 3.137 | 0.0 | 39.288 | 3.743 |
| 85 | 17755 | 17756 | NS | 1 | 0.0 | 45.14 | 1.255 | 0.0 | 39.478 | 2.53 | 0.0 | 42.233 | 2.13 | 0.0 | 41.529 | 3.316 | 0.0 | 45.056 | 1.245 | 0.0 | 39.827 | 2.152 | 0.0 | 43.252 | 1.873 | 0.0 | 40.778 | 2.473 |
| 86 | 17755 | 17756 | SN | 1 | 0.0 | 54.594 | 5.883 | 0.803 | 51.617 | 6.308 | 0.0 | 44.046 | 5.299 | 0.0 | 46.538 | 6.362 | 0.0 | 54.996 | 5.903 | 0.104 | 53.19 | 5.993 | 0.0 | 43.728 | 5.299 | 0.0 | 46.208 | 5.835 |
| 87 | 17755 | 17756 | SN | 1 | 0.0 | 54.078 | 5.934 | 0.803 | 50.811 | 6.328 | 0.0 | 43.882 | 5.412 | 0.0 | 49.154 | 6.333 | 0.0 | 54.323 | 5.913 | 0.104 | 49.561 | 6.003 | 0.0 | 44.849 | 5.427 | 0.0 | 47.409 | 5.799 |
| 88 | 17755 | 17756 | NS | 1 | 0.0 | 45.14 | 1.249 | 0.0 | 39.478 | 2.523 | 0.0 | 42.233 | 2.12 | 0.0 | 41.529 | 3.301 | 0.0 | 45.056 | 1.249 | 0.0 | 39.827 | 2.147 | 0.0 | 43.252 | 1.871 | 0.0 | 40.778 | 2.466 |
| 89 | 17755 | 17756 | NS | 1 | 0.0 | 41.314 | 1.229 | 0.0 | 39.411 | 2.574 | 0.0 | 42.932 | 2.099 | 0.0 | 45.135 | 3.293 | 0.0 | 41.277 | 1.249 | 0.0 | 39.96 | 2.218 | 0.0 | 44.6 | 1.878 | 0.0 | 43.43 | 2.488 |
| 90 | 17755 | 17756 | NS | 1 | 0.0 | 38.912 | 0.391 | 0.0 | 45.821 | 0.77 | 0.0 | 39.244 | 0.779 | 0.0 | 45.285 | 1.172 | 0.0 | 39.149 | 0.391 | 0.0 | 46.475 | 0.554 | 0.0 | 37.808 | 0.683 | 0.0 | 41.46 | 0.828 |
| 91 | 17755 | 17756 | SN | 1 | 0.0 | 50.471 | 1.625 | 0.0 | 52.768 | 1.819 | 0.0 | 41.644 | 1.527 | 0.0 | 40.162 | 1.798 | 0.0 | 50.931 | 1.65 | 0.0 | 51.48 | 1.778 | 0.0 | 41.503 | 1.54 | 0.0 | 39.523 | 1.602 |
| 92 | 17755 | 17756 | NS | 1 | 0.0 | 38.912 | 0.396 | 0.0 | 45.821 | 0.77 | 0.0 | 39.244 | 0.772 | 0.0 | 45.285 | 1.168 | 0.0 | 39.149 | 0.396 | 0.0 | 46.475 | 0.552 | 0.0 | 37.808 | 0.68 | 0.0 | 41.46 | 0.825 |
| 93 | 17755 | 17756 | NS | 1 | 0.0 | 42.478 | 0.402 | 0.0 | 44.405 | 0.783 | 0.0 | 37.953 | 0.779 | 0.0 | 41.54 | 1.155 | 0.0 | 41.694 | 0.389 | 0.0 | 45.061 | 0.57 | 0.0 | 37.733 | 0.671 | 0.0 | 37.096 | 0.834 |
| 94 | 17755 | 17756 | SN | 1 | 0.0 | 49.956 | 1.616 | 0.0 | 44.128 | 1.823 | 0.0 | 39.144 | 1.556 | 0.0 | 40.83 | 1.81 | 0.0 | 49.08 | 1.634 | 0.0 | 42.282 | 1.769 | 0.0 | 39.157 | 1.531 | 0.0 | 39.222 | 1.608 |
| 95 | 17756 | 17757 | NS | 1 | 0.0 | 39.269 | 1.776 | 0.0 | 43.98 | 2.593 | 0.0 | 38.022 | 2.888 | 0.0 | 39.079 | 3.789 | 0.0 | 39.512 | 1.837 | 0.0 | 44.966 | 2.44 | 0.0 | 39.474 | 2.802 | 0.0 | 39.745 | 3.647 |
| 96 | 17756 | 17757 | NS | 1 | 0.0 | 48.597 | 1.827 | 0.0 | 44.727 | 2.603 | 0.0 | 37.997 | 2.859 | 0.0 | 39.111 | 3.804 | 0.0 | 47.592 | 1.858 | 0.0 | 45.128 | 2.45 | 0.0 | 39.448 | 2.76 | 0.0 | 39.78 | 3.647 |
| 97 | 17756 | 17757 | SN | 1 | 0.999 | 55.372 | 4.435 | 0.0 | 50.435 | 5.973 | 0.0 | 41.801 | 4.602 | 0.0 | 50.858 | 5.824 | 0.613 | 56.562 | 4.425 | 0.0 | 48.373 | 5.607 | 0.0 | 45.867 | 4.382 | 0.0 | 47.524 | 5.176 |
| 98 | 17756 | 17757 | SN | 1 | 0.993 | 49.94 | 4.394 | 0.0 | 49.838 | 5.901 | 0.0 | 39.015 | 4.588 | 0.0 | 50.657 | 5.852 | 0.54 | 51.124 | 4.394 | 0.0 | 48.373 | 5.556 | 0.0 | 41.552 | 4.34 | 0.0 | 47.323 | 5.176 |
| 99 | 17756 | 17757 | NS | 1 | 0.0 | 45.293 | 0.721 | 0.0 | 37.235 | 0.863 | 0.0 | 35.556 | 0.958 | 0.0 | 36.136 | 1.451 | 0.0 | 46.069 | 0.709 | 0.0 | 37.403 | 0.793 | 0.0 | 34.831 | 0.912 | 0.0 | 37.424 | 1.231 |
| 100 | 17756 | 17757 | NS | 1 | 0.0 | 45.292 | 0.734 | 0.0 | 38.441 | 0.87 | 0.0 | 34.756 | 0.965 | 0.0 | 37.321 | 1.465 | 0.0 | 46.069 | 0.716 | 0.0 | 38.61 | 0.793 | 0.0 | 34.73 | 0.928 | 0.0 | 37.426 | 1.243 |
| 101 | 17756 | 17757 | SN | 1 | 0.0 | 50.752 | 1.097 | 0.0 | 47.459 | 1.679 | 0.0 | 41.681 | 1.249 | 0.0 | 49.931 | 1.74 | 0.0 | 49.867 | 1.041 | 0.0 | 45.702 | 1.535 | 0.0 | 42.581 | 1.171 | 0.0 | 45.662 | 1.573 |
| 102 | 17756 | 17757 | SN | 1 | 0.0 | 50.079 | 1.097 | 0.0 | 55.089 | 1.659 | 0.0 | 41.681 | 1.239 | 0.0 | 51.062 | 1.756 | 0.0 | 49.6 | 1.066 | 0.0 | 54.572 | 1.519 | 0.0 | 42.581 | 1.177 | 0.0 | 46.794 | 1.583 |
| 103 | 17757 | 17758 | SN | 1 | 0.0 | 44.895 | 1.654 | 0.0 | 48.163 | 2.396 | 0.0 | 35.412 | 2.143 | 0.0 | 40.616 | 2.904 | 0.0 | 44.629 | 1.67 | 0.0 | 47.322 | 2.256 | 0.0 | 36.277 | 2.143 | 0.0 | 40.306 | 2.712 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104 | 17757 | 17758 | NS | 1 | 0.0 | 54.385 | 5.552 | 0.0 | 48.054 | 6.415 | 0.0 | 40.788 | 4.843 | 0.0 | 40.171 | 5.577 | 0.0 | 54.674 | 5.522 | 0.0 | 47.962 | 5.927 | 0.0 | 41.498 | 4.765 | 0.0 | 39.623 | 5.342 |
| 105 | 17757 | 17758 | NS | 1 | 0.0 | 45.729 | 1.421 | 0.0 | 43.717 | 1.76 | 0.0 | 38.525 | 1.595 | 0.0 | 37.442 | 1.786 | 0.0 | 46.985 | 1.417 | 0.0 | 42.676 | 1.645 | 0.0 | 38.62 | 1.512 | 0.0 | 37.122 | 1.612 |
| 106 | 17757 | 17758 | SN | 1 | 0.0 | 47.761 | 1.652 | 0.0 | 51.857 | 2.407 | 0.0 | 37.368 | 2.143 | 0.0 | 42.044 | 2.893 | 0.0 | 46.784 | 1.659 | 0.0 | 51.014 | 2.249 | 0.0 | 37.614 | 2.13 | 0.0 | 40.701 | 2.702 |
| 107 | 17757 | 17758 | NS | 1 | 0.0 | 40.547 | 1.376 | 0.0 | 43.502 | 1.787 | 0.0 | 38.936 | 1.613 | 0.0 | 41.022 | 1.82 | 0.0 | 41.804 | 1.378 | 0.0 | 42.46 | 1.674 | 0.0 | 40.678 | 1.499 | 0.0 | 39.16 | 1.66 |
| 108 | 17757 | 17758 | NS | 1 | 0.0 | 53.065 | 5.41 | 0.0 | 45.112 | 6.425 | 0.0 | 41.039 | 4.907 | 0.0 | 46.226 | 5.563 | 0.0 | 53.354 | 5.42 | 0.0 | 43.325 | 5.998 | 0.0 | 40.685 | 4.857 | 0.0 | 43.982 | 5.364 |
| 109 | 17757 | 17758 | SN | 1 | 0.713 | 48.511 | 5.944 | 0.0 | 49.843 | 6.948 | 0.0 | 43.169 | 6.368 | 0.0 | 44.56 | 7.967 | 0.053 | 48.195 | 6.146 | 0.0 | 51.129 | 6.805 | 0.0 | 43.346 | 6.552 | 0.0 | 44.44 | 7.81 |
| 110 | 17757 | 17758 | SN | 1 | 0.698 | 46.429 | 5.903 | 0.0 | 51.179 | 7.1 | 0.0 | 44.278 | 6.425 | 0.0 | 44.756 | 8.017 | 0.05 | 46.115 | 6.136 | 0.0 | 51.129 | 6.877 | 0.0 | 43.448 | 6.595 | 0.0 | 45.908 | 7.803 |
| 111 | 17758 | 17759 | NS | 1 | 0.0 | 53.534 | 1.132 | 0.0 | 53.72 | 1.509 | 0.0 | 36.215 | 1.051 | 0.0 | 39.37 | 1.529 | 0.0 | 53.823 | 1.154 | 0.0 | 51.533 | 1.437 | 0.0 | 37.251 | 0.992 | 0.0 | 41.204 | 1.366 |
| 112 | 17758 | 17759 | SN | 1 | 0.466 | 47.383 | 3.625 | 0.0 | 48.718 | 4.588 | 0.0 | 46.498 | 3.801 | 0.0 | 37.694 | 5.143 | 0.324 | 47.315 | 3.746 | 0.0 | 47.508 | 4.425 | 0.0 | 45.532 | 3.843 | 0.0 | 40.573 | 5.015 |
| 113 | 17758 | 17759 | NS | 1 | 0.0 | 55.106 | 4.741 | 0.0 | 53.481 | 6.009 | 0.0 | 45.649 | 3.861 | 0.0 | 45.111 | 4.943 | 0.0 | 56.674 | 4.72 | 0.0 | 53.261 | 5.765 | 0.0 | 47.425 | 3.833 | 0.0 | 42.969 | 4.651 |
| 114 | 17758 | 17759 | NS | 1 | 0.0 | 55.104 | 4.781 | 0.0 | 53.781 | 6.039 | 0.0 | 45.522 | 3.89 | 0.0 | 45.095 | 4.965 | 0.0 | 56.672 | 4.812 | 0.0 | 53.562 | 5.744 | 0.0 | 47.299 | 3.812 | 0.0 | 43.561 | 4.616 |
| 115 | 17758 | 17759 | SN | 1 | 0.0 | 45.646 | 0.917 | 0.0 | 39.289 | 1.389 | 0.0 | 37.444 | 1.292 | 0.0 | 41.687 | 1.79 | 0.0 | 45.28 | 0.904 | 0.0 | 39.131 | 1.29 | 0.0 | 38.581 | 1.263 | 0.0 | 37.078 | 1.6 |
| 116 | 17758 | 17759 | NS | 1 | 0.0 | 53.528 | 1.114 | 0.0 | 53.735 | 1.516 | 0.0 | 37.894 | 1.063 | 0.0 | 39.639 | 1.507 | 0.0 | 53.816 | 1.132 | 0.0 | 51.548 | 1.45 | 0.0 | 36.96 | 1.001 | 0.0 | 41.473 | 1.348 |
| 117 | 17759 | 17760 | SN | 1 | 0.0 | 49.219 | 3.132 | 0.0 | 49.062 | 3.35 | 0.0 | 42.665 | 2.278 | 0.0 | 44.612 | 3.29 | 0.0 | 50.347 | 3.09 | 0.0 | 49.226 | 3.009 | 0.0 | 42.642 | 2.218 | 0.0 | 49.705 | 2.715 |
| 118 | 17759 | 17760 | NS | 1 | 0.0 | 54.553 | 5.666 | 0.0 | 56.399 | 6.102 | 0.0 | 45.414 | 5.036 | 0.0 | 48.492 | 5.658 | 0.0 | 54.769 | 5.758 | 0.0 | 52.608 | 5.837 | 0.0 | 44.663 | 4.937 | 0.0 | 47.076 | 5.06 |
| 119 | 17759 | 17760 | NS | 1 | 0.0 | 54.713 | 5.565 | 0.0 | 55.91 | 6.071 | 0.0 | 45.438 | 5.051 | 0.0 | 47.979 | 5.615 | 0.0 | 54.928 | 5.666 | 0.0 | 52.828 | 5.787 | 0.0 | 44.898 | 4.937 | 0.0 | 44.71 | 5.002 |
| 120 | 17759 | 17760 | NS | 1 | 0.0 | 47.816 | 1.528 | 0.0 | 45.971 | 1.858 | 0.0 | 43.44 | 1.497 | 0.0 | 44.351 | 1.839 | 0.0 | 48.529 | 1.512 | 0.0 | 47.657 | 1.679 | 0.0 | 41.502 | 1.387 | 0.0 | 44.594 | 1.622 |
| 121 | 17759 | 17760 | NS | 1 | 0.0 | 48.48 | 1.519 | 0.0 | 46.631 | 1.867 | 0.0 | 40.35 | 1.505 | 0.0 | 44.215 | 1.817 | 0.0 | 49.087 | 1.505 | 0.0 | 47.584 | 1.681 | 0.0 | 39.377 | 1.413 | 0.0 | 41.388 | 1.599 |
| 122 | 17759 | 17760 | SN | 1 | 0.0 | 49.219 | 2.978 | 0.0 | 49.062 | 3.188 | 0.0 | 42.665 | 2.178 | 0.0 | 44.612 | 3.123 | 0.0 | 50.347 | 2.937 | 0.0 | 49.226 | 2.864 | 0.0 | 42.642 | 2.107 | 0.0 | 49.705 | 2.575 |
| 123 | 17759 | 17760 | SN | 1 | 0.0 | 45.338 | 0.752 | 0.0 | 53.124 | 0.905 | 0.0 | 41.962 | 0.654 | 0.0 | 42.758 | 0.926 | 0.0 | 44.864 | 0.728 | 0.0 | 54.133 | 0.808 | 0.0 | 40.091 | 0.572 | 0.0 | 40.44 | 0.751 |
| 124 | 17759 | 17760 | SN | 1 | 0.0 | 45.338 | 0.715 | 0.0 | 53.124 | 0.856 | 0.0 | 42.029 | 0.629 | 0.0 | 42.758 | 0.88 | 0.0 | 44.864 | 0.692 | 0.0 | 54.133 | 0.766 | 0.0 | 40.091 | 0.551 | 0.0 | 40.44 | 0.715 |
| 125 | 17760 | 17761 | SN | 1 | 0.0 | 43.878 | 4.06 | 0.933 | 52.083 | 5.18 | 0.0 | 45.531 | 3.951 | 0.0 | 42.338 | 4.81 | 0.0 | 44.304 | 4.151 | 0.076 | 48.593 | 5.018 | 0.0 | 43.44 | 3.909 | 0.0 | 42.492 | 4.469 |
| 126 | 17760 | 17761 | NS | 1 | 0.0 | 49.962 | 5.271 | 0.0 | 54.88 | 6.83 | 0.0 | 44.987 | 4.653 | 0.0 | 45.725 | 5.742 | 0.0 | 49.199 | 5.21 | 0.0 | 52.718 | 6.688 | 0.0 | 43.979 | 4.632 | 0.0 | 45.908 | 5.393 |
| 127 | 17760 | 17761 | SN | 1 | 0.0 | 44.956 | 1.24 | 0.0 | 47.411 | 1.772 | 0.0 | 44.071 | 1.223 | 0.0 | 39.278 | 1.505 | 0.0 | 45.16 | 1.267 | 0.0 | 47.603 | 1.645 | 0.0 | 43.43 | 1.179 | 0.0 | 39.018 | 1.358 |
| 128 | 17760 | 17761 | SN | 1 | 0.0 | 43.587 | 4.05 | 0.933 | 52.281 | 5.109 | 0.0 | 44.637 | 3.852 | 0.0 | 42.338 | 4.81 | 0.0 | 44.757 | 4.212 | 0.076 | 48.789 | 4.886 | 0.0 | 45.019 | 3.845 | 0.0 | 42.426 | 4.369 |
| 129 | 17760 | 17761 | SN | 1 | 0.0 | 44.956 | 1.259 | 0.0 | 47.411 | 1.799 | 0.0 | 44.071 | 1.242 | 0.0 | 39.278 | 1.526 | 0.0 | 45.16 | 1.286 | 0.0 | 47.603 | 1.67 | 0.0 | 43.43 | 1.197 | 0.0 | 39.018 | 1.377 |
| 130 | 17760 | 17761 | NS | 1 | 0.0 | 44.574 | 1.402 | 0.0 | 46.35 | 1.916 | 0.0 | 44.585 | 1.402 | 0.0 | 43.69 | 1.802 | 0.0 | 46.343 | 1.399 | 0.0 | 45.215 | 1.796 | 0.0 | 44.623 | 1.383 | 0.0 | 40.56 | 1.707 |
| 131 | 17760 | 17761 | SN | 1 | 0.0 | 47.487 | 1.204 | 0.0 | 46.45 | 1.769 | 0.0 | 37.942 | 1.235 | 0.0 | 41.902 | 1.565 | 0.0 | 45.385 | 1.213 | 0.0 | 47.005 | 1.668 | 0.0 | 37.442 | 1.214 | 0.0 | 38.248 | 1.379 |
| 132 | 17760 | 17761 | SN | 1 | 0.0 | 43.587 | 4.113 | 0.933 | 52.281 | 5.188 | 0.0 | 44.637 | 3.911 | 0.0 | 42.338 | 4.885 | 0.0 | 44.757 | 4.277 | 0.076 | 48.789 | 4.961 | 0.0 | 45.019 | 3.904 | 0.0 | 42.426 | 4.437 |
| 133 | 17761 | 17762 | NS | 1 | 0.0 | 41.729 | 0.746 | 0.0 | 43.816 | 1.031 | 0.0 | 39.648 | 0.824 | 0.0 | 45.672 | 1.247 | 0.0 | 42.079 | 0.762 | 0.0 | 41.88 | 0.898 | 0.0 | 37.809 | 0.742 | 0.0 | 40.803 | 1.035 |
| 134 | 17761 | 17762 | NS | 1 | 0.0 | 44.393 | 0.727 | 0.0 | 49.376 | 0.999 | 0.0 | 37.111 | 0.896 | 0.0 | 40.53 | 1.215 | 0.0 | 44.455 | 0.739 | 0.0 | 47.168 | 0.89 | 0.0 | 38.228 | 0.793 | 0.0 | 41.744 | 0.979 |
| 135 | 17761 | 17762 | SN | 1 | 0.0 | 44.288 | 2.144 | 0.128 | 45.129 | 3.323 | 0.0 | 37.881 | 2.831 | 0.0 | 44.538 | 4.08 | 0.0 | 44.878 | 2.134 | 0.421 | 45.556 | 2.881 | 0.0 | 37.408 | 2.487 | 0.0 | 43.879 | 3.251 |
| 136 | 17761 | 17762 | SN | 1 | 0.0 | 48.389 | 0.644 | 0.0 | 48.02 | 1.174 | 0.0 | 39.634 | 0.782 | 0.0 | 45.892 | 1.512 | 0.0 | 47.32 | 0.598 | 0.0 | 49.65 | 0.963 | 0.0 | 37.445 | 0.674 | 0.0 | 47.202 | 1.05 |
| 137 | 17761 | 17762 | SN | 1 | 0.0 | 44.291 | 2.167 | 0.128 | 47.733 | 3.128 | 0.0 | 40.751 | 2.816 | 0.0 | 44.538 | 3.95 | 0.0 | 44.878 | 2.177 | 0.421 | 48.394 | 2.722 | 0.0 | 38.198 | 2.483 | 0.0 | 43.879 | 3.188 |
| 138 | 17761 | 17762 | NS | 1 | 0.0 | 43.782 | 2.619 | 0.0 | 49.13 | 3.64 | 0.0 | 46.053 | 2.888 | 0.0 | 41.986 | 3.847 | 0.0 | 42.123 | 2.548 | 0.0 | 45.042 | 3.182 | 0.0 | 43.875 | 2.604 | 0.0 | 42.773 | 3.298 |
| 139 | 17761 | 17762 | NS | 1 | 0.0 | 45.022 | 2.519 | 0.0 | 38.98 | 3.598 | 0.0 | 43.809 | 2.761 | 0.0 | 44.756 | 4.025 | 0.0 | 44.699 | 2.569 | 0.0 | 39.316 | 3.324 | 0.0 | 42.189 | 2.59 | 0.0 | 43.932 | 3.484 |

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

Normal
Alarming
Deviations
High Errors

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 17761 | 17762 | SN | 1 | 0.0 | 48.389 | 0.636 | 0.0 | 48.02 | 1.159 | 0.0 | 39.634 | 0.772 | 0.0 | 45.892 | 1.496 | 0.0 | 47.32 | 0.591 | 0.0 | 49.65 | 0.951 | 0.0 | 37.445 | 0.665 | 0.0 | 47.202 | 1.04 |
| 141 | 17761 | 17762 | SN | 1 | 0.0 | 41.045 | 0.646 | 0.0 | 47.412 | 1.181 | 0.0 | 39.634 | 0.771 | 0.0 | 45.022 | 1.515 | 0.0 | 40.338 | 0.598 | 0.0 | 49.042 | 0.986 | 0.0 | 37.447 | 0.656 | 0.0 | 46.328 | 1.039 |
| 142 | 17761 | 17762 | SN | 1 | 0.0 | 44.291 | 2.195 | 0.128 | 47.733 | 3.169 | 0.0 | 40.751 | 2.846 | 0.0 | 44.538 | 4.001 | 0.0 | 44.878 | 2.206 | 0.421 | 48.394 | 2.757 | 0.0 | 38.198 | 2.515 | 0.0 | 43.879 | 3.23 |
| 143 | 17762 | 17763 | SN | 1 | 0.88 | 34.105 | 0.982 | 0.0 | 38.152 | 1.401 | 0.0 | 42.122 | 1.468 | 0.0 | 41.6 | 2.376 | 0.807 | 33.209 | 0.982 | 0.0 | 37.822 | 1.035 | 0.0 | 41.057 | 1.375 | 0.0 | 39.779 | 1.814 |
| 144 | 17762 | 17763 | SN | 1 | 0.0 | 34.105 | 1.001 | 0.0 | 38.152 | 1.426 | 0.0 | 42.122 | 1.504 | 0.0 | 41.6 | 2.39 | 0.0 | 33.209 | 1.001 | 0.0 | 37.822 | 1.054 | 0.0 | 42.608 | 1.396 | 0.0 | 39.779 | 1.832 |
| 145 | 17762 | 17763 | NS | 1 | 0.605 | 54.77 | 3.342 | 0.0 | 51.579 | 4.351 | 0.0 | 44.113 | 3.935 | 0.0 | 42.728 | 5.193 | 0.671 | 54.053 | 3.403 | 0.0 | 51.216 | 4.26 | 0.0 | 45.482 | 3.864 | 0.0 | 43.793 | 4.801 |
| 146 | 17762 | 17763 | NS | 1 | 0.61 | 53.746 | 3.383 | 0.0 | 50.394 | 4.372 | 0.0 | 44.113 | 3.921 | 0.0 | 44.745 | 5.143 | 0.613 | 53.03 | 3.484 | 0.0 | 49.351 | 4.27 | 0.0 | 45.482 | 3.893 | 0.0 | 45.925 | 4.88 |
| 147 | 17762 | 17763 | SN | 1 | 0.0 | 35.61 | 0.394 | 0.0 | 42.12 | 0.519 | 0.0 | 35.603 | 0.625 | 0.0 | 39.572 | 0.942 | 0.0 | 35.798 | 0.37 | 0.0 | 41.445 | 0.452 | 0.0 | 35.08 | 0.499 | 0.0 | 40.154 | 0.711 |
| 148 | 17762 | 17763 | SN | 1 | 0.0 | 35.61 | 0.394 | 0.0 | 42.12 | 0.519 | 0.0 | 35.603 | 0.625 | 0.0 | 39.572 | 0.942 | 0.0 | 35.798 | 0.37 | 0.0 | 41.445 | 0.452 | 0.0 | 35.08 | 0.499 | 0.0 | 40.154 | 0.711 |
| 149 | 17762 | 17763 | SN | 1 | 0.0 | 35.61 | 0.402 | 0.0 | 42.12 | 0.529 | 0.0 | 35.603 | 0.633 | 0.0 | 39.572 | 0.951 | 0.0 | 35.798 | 0.374 | 0.0 | 41.445 | 0.46 | 0.0 | 35.08 | 0.503 | 0.0 | 40.154 | 0.722 |
| 150 | 17762 | 17763 | NS | 1 | 0.0 | 44.204 | 0.895 | 0.0 | 41.101 | 1.298 | 0.0 | 43.647 | 1.236 | 0.0 | 38.545 | 1.673 | 0.0 | 43.277 | 0.916 | 0.0 | 39.264 | 1.264 | 0.0 | 43.531 | 1.243 | 0.0 | 35.557 | 1.46 |
| 151 | 17762 | 17763 | NS | 1 | 0.0 | 44.204 | 0.909 | 0.0 | 41.101 | 1.28 | 0.0 | 43.647 | 1.247 | 0.0 | 46.552 | 1.692 | 0.0 | 43.277 | 0.929 | 0.0 | 39.264 | 1.258 | 0.0 | 43.531 | 1.268 | 0.0 | 42.555 | 1.454 |
| 152 | 17762 | 17763 | SN | 1 | 0.88 | 34.105 | 0.982 | 0.0 | 38.152 | 1.401 | 0.0 | 42.122 | 1.468 | 0.0 | 41.6 | 2.376 | 0.807 | 33.209 | 0.982 | 0.0 | 37.822 | 1.035 | 0.0 | 41.057 | 1.375 | 0.0 | 39.779 | 1.814 |
| 153 | 17763 | 17764 | SN | 1 | 0.0 | 48.655 | 2.39 | 0.0 | 44.011 | 3.066 | 0.0 | 35.764 | 2.518 | 0.0 | 40.649 | 3.72 | 0.0 | 49.03 | 2.41 | 0.0 | 41.494 | 2.903 | 0.0 | 34.787 | 2.362 | 0.0 | 40.903 | 3.194 |
| 154 | 17763 | 17764 | SN | 1 | 0.0 | 48.655 | 2.39 | 0.0 | 44.011 | 3.127 | 0.0 | 35.764 | 2.504 | 0.0 | 40.895 | 3.77 | 0.0 | 49.03 | 2.42 | 0.0 | 41.494 | 2.954 | 0.0 | 34.824 | 2.384 | 0.0 | 41.151 | 3.194 |
| 155 | 17763 | 17764 | SN | 1 | 0.0 | 48.655 | 2.46 | 0.0 | 44.011 | 3.216 | 0.0 | 35.764 | 2.594 | 0.0 | 40.895 | 3.872 | 0.0 | 49.03 | 2.491 | 0.0 | 41.494 | 3.039 | 0.0 | 34.824 | 2.469 | 0.0 | 41.151 | 3.279 |
| 156 | 17763 | 17764 | SN | 1 | 0.0 | 46.401 | 0.518 | 0.0 | 36.231 | 0.892 | 0.0 | 35.306 | 0.835 | 0.0 | 41.364 | 1.311 | 0.0 | 45.579 | 0.476 | 0.0 | 37.306 | 0.793 | 0.0 | 36.484 | 0.74 | 0.0 | 39.588 | 1.034 |
| 157 | 17763 | 17764 | NS | 1 | 0.0 | 51.531 | 3.412 | 0.0 | 50.496 | 4.018 | 0.0 | 50.564 | 3.6 | 0.0 | 47.675 | 4.361 | 0.0 | 52.842 | 3.534 | 0.0 | 49.364 | 4.069 | 0.0 | 49.864 | 3.635 | 0.0 | 46.484 | 4.076 |
| 158 | 17763 | 17764 | NS | 1 | 0.0 | 41.24 | 0.97 | 0.0 | 40.759 | 1.219 | 0.0 | 42.032 | 1.144 | 0.0 | 39.863 | 1.355 | 0.0 | 42.068 | 0.963 | 0.0 | 43.194 | 1.192 | 0.0 | 43.078 | 1.103 | 0.0 | 39.444 | 1.22 |
| 159 | 17763 | 17764 | SN | 1 | 0.0 | 46.401 | 0.527 | 0.0 | 37.953 | 0.903 | 0.0 | 35.306 | 0.848 | 0.0 | 41.61 | 1.293 | 0.0 | 45.579 | 0.478 | 0.0 | 37.279 | 0.777 | 0.0 | 33.865 | 0.749 | 0.0 | 39.835 | 1.018 |
| 160 | 17763 | 17764 | NS | 1 | 0.0 | 40.197 | 0.992 | 0.0 | 48.243 | 1.177 | 0.0 | 39.425 | 1.09 | 0.0 | 40.63 | 1.343 | 0.0 | 40.85 | 0.963 | 0.0 | 46.357 | 1.121 | 0.0 | 39.075 | 1.067 | 0.0 | 37.711 | 1.255 |
| 161 | 17763 | 17764 | NS | 1 | 0.0 | 55.199 | 3.677 | 0.0 | 57.785 | 4.199 | 0.0 | 45.366 | 3.565 | 0.0 | 45.51 | 4.282 | 0.0 | 55.976 | 3.667 | 0.0 | 56.148 | 3.985 | 0.0 | 45.865 | 3.715 | 0.0 | 46.537 | 4.046 |
| 162 | 17763 | 17764 | SN | 1 | 0.0 | 46.401 | 0.543 | 0.0 | 37.953 | 0.93 | 0.0 | 35.306 | 0.871 | 0.0 | 41.61 | 1.327 | 0.0 | 45.579 | 0.492 | 0.0 | 37.279 | 0.8 | 0.0 | 33.865 | 0.771 | 0.0 | 39.835 | 1.049 |
| 163 | 17764 | 17765 | SN | 1 | 0.0 | 44.0 | 1.199 | 0.0 | 40.521 | 1.561 | 0.0 | 37.128 | 1.512 | 0.0 | 38.013 | 1.965 | 0.0 | 43.815 | 1.188 | 0.0 | 39.557 | 1.398 | 0.0 | 36.782 | 1.494 | 0.0 | 37.75 | 1.696 |
| 164 | 17764 | 17765 | SN | 1 | 0.0 | 44.0 | 1.251 | 0.0 | 40.521 | 1.621 | 0.0 | 37.128 | 1.577 | 0.0 | 38.013 | 2.042 | 0.0 | 43.815 | 1.242 | 0.0 | 39.557 | 1.456 | 0.0 | 36.782 | 1.562 | 0.0 | 37.75 | 1.767 |
| 165 | 17764 | 17765 | SN | 1 | 0.0 | 43.998 | 1.199 | 0.0 | 40.635 | 1.543 | 0.0 | 37.08 | 1.535 | 0.0 | 45.321 | 1.976 | 0.0 | 43.814 | 1.199 | 0.0 | 39.67 | 1.382 | 0.0 | 36.321 | 1.491 | 0.0 | 39.735 | 1.698 |
| 166 | 17764 | 17765 | NS | 1 | 0.0 | 49.029 | 4.488 | 0.0 | 51.453 | 5.371 | 0.0 | 48.078 | 4.218 | 0.0 | 45.219 | 5.544 | 0.0 | 49.097 | 4.387 | 0.0 | 48.705 | 4.75 | 0.0 | 48.427 | 3.99 | 0.0 | 48.878 | 4.953 |
| 167 | 17764 | 17765 | NS | 1 | 0.0 | 49.247 | 4.355 | 0.0 | 53.546 | 5.24 | 0.0 | 48.172 | 4.438 | 0.0 | 46.065 | 5.433 | 0.0 | 49.313 | 4.386 | 0.0 | 52.485 | 4.792 | 0.0 | 48.521 | 4.381 | 0.0 | 43.591 | 4.998 |
| 168 | 17764 | 17765 | NS | 1 | 0.0 | 47.17 | 1.405 | 0.0 | 44.04 | 1.555 | 0.0 | 42.287 | 1.276 | 0.0 | 38.305 | 1.718 | 0.0 | 48.145 | 1.425 | 0.0 | 43.338 | 1.422 | 0.0 | 43.448 | 1.187 | 0.0 | 35.926 | 1.465 |
| 169 | 17764 | 17765 | SN | 1 | 0.0 | 49.373 | 4.102 | 0.0 | 45.708 | 4.61 | 0.0 | 44.147 | 4.392 | 0.0 | 41.65 | 5.799 | 0.0 | 48.605 | 4.143 | 0.0 | 47.153 | 4.326 | 0.0 | 42.871 | 4.413 | 0.0 | 40.389 | 5.265 |
| 170 | 17764 | 17765 | SN | 1 | 0.0 | 49.373 | 4.112 | 0.0 | 45.709 | 4.569 | 0.0 | 44.145 | 4.427 | 0.0 | 41.305 | 5.735 | 0.0 | 48.605 | 4.153 | 0.0 | 47.157 | 4.275 | 0.0 | 42.796 | 4.427 | 0.0 | 39.767 | 5.244 |
| 171 | 17764 | 17765 | SN | 1 | 0.0 | 49.373 | 4.288 | 0.0 | 45.708 | 4.807 | 0.0 | 44.147 | 4.54 | 0.0 | 41.65 | 6.011 | 0.0 | 48.605 | 4.34 | 0.0 | 47.153 | 4.51 | 0.0 | 42.871 | 4.57 | 0.0 | 40.389 | 5.512 |
| 172 | 17764 | 17765 | NS | 1 | 0.0 | 44.215 | 1.372 | 0.0 | 44.872 | 1.568 | 0.0 | 38.667 | 1.31 | 0.0 | 43.69 | 1.731 | 0.0 | 44.558 | 1.379 | 0.0 | 43.882 | 1.453 | 0.0 | 35.551 | 1.228 | 0.0 | 44.527 | 1.432 |
| 173 | 17765 | 17766 | SN | 1 | 0.0 | 45.963 | 5.761 | 0.899 | 50.632 | 6.775 | 0.0 | 47.21 | 4.582 | 0.0 | 47.047 | 5.949 | 0.0 | 46.506 | 5.954 | 0.625 | 50.064 | 6.389 | 0.0 | 46.626 | 4.539 | 0.0 | 48.066 | 5.892 |
| 174 | 17765 | 17766 | NS | 1 | 0.0 | 48.353 | 1.833 | 0.0 | 50.304 | 2.436 | 0.0 | 39.896 | 2.004 | 0.0 | 43.296 | 2.653 | 0.0 | 50.004 | 1.831 | 0.0 | 49.42 | 2.253 | 0.0 | 37.434 | 1.947 | 0.0 | 41.333 | 2.452 |
| 175 | 17765 | 17766 | SN | 1 | 0.0 | 47.122 | 5.751 | 0.899 | 50.768 | 6.694 | 0.0 | 48.375 | 4.49 | 0.0 | 48.16 | 5.964 | 0.0 | 47.97 | 5.944 | 0.625 | 49.347 | 6.257 | 0.0 | 48.309 | 4.461 | 0.0 | 47.527 | 5.885 |

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

Normal
Alarming
Deviations
High Errors

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 176 | 17765 | 17766 | SN | 1 | 0.0 | 51.885 | 1.6 | 0.0 | 52.14 | 1.794 | 0.0 | 42.62 | 1.292 | 0.0 | 44.379 | 1.81 | 0.0 | 52.033 | 1.618 | 0.0 | 51.242 | 1.663 | 0.0 | 41.278 | 1.239 | 0.0 | 45.586 | 1.666 |
| 177 | 17765 | 17766 | NS | 1 | 0.0 | 47.248 | 5.921 | 0.0 | 58.34 | 7.054 | 0.0 | 47.507 | 6.013 | 0.0 | 47.982 | 7.543 | 0.0 | 48.087 | 5.911 | 0.0 | 56.248 | 7.013 | 0.0 | 47.904 | 6.234 | 0.0 | 48.161 | 7.144 |
| 178 | 17765 | 17766 | NS | 1 | 0.0 | 48.268 | 1.82 | 0.0 | 49.335 | 2.42 | 0.0 | 38.641 | 1.995 | 0.0 | 43.166 | 2.644 | 0.0 | 49.996 | 1.82 | 0.0 | 46.49 | 2.257 | 0.0 | 37.696 | 1.937 | 0.0 | 41.204 | 2.482 |
| 179 | 17765 | 17766 | SN | 1 | 0.0 | 47.287 | 1.685 | 0.0 | 52.14 | 1.944 | 0.0 | 44.238 | 1.346 | 0.0 | 42.586 | 1.931 | 0.0 | 47.435 | 1.714 | 0.0 | 51.242 | 1.8 | 0.0 | 42.898 | 1.314 | 0.0 | 44.387 | 1.827 |
| 180 | 17765 | 17766 | SN | 1 | 0.0 | 47.287 | 1.58 | 0.0 | 52.14 | 1.826 | 0.0 | 44.238 | 1.264 | 0.0 | 42.586 | 1.828 | 0.0 | 47.435 | 1.607 | 0.0 | 51.242 | 1.688 | 0.0 | 42.898 | 1.234 | 0.0 | 44.387 | 1.716 |
| 181 | 17765 | 17766 | SN | 1 | 0.0 | 45.963 | 6.144 | 0.899 | 50.632 | 7.193 | 0.0 | 47.21 | 4.859 | 0.0 | 47.047 | 6.294 | 0.0 | 46.506 | 6.349 | 0.625 | 50.064 | 6.804 | 0.0 | 46.626 | 4.821 | 0.0 | 48.066 | 6.263 |
| 182 | 17765 | 17766 | NS | 1 | 0.0 | 45.842 | 5.911 | 0.0 | 50.485 | 7.125 | 0.0 | 43.961 | 6.149 | 0.0 | 48.053 | 7.486 | 0.0 | 46.861 | 5.911 | 0.0 | 48.66 | 6.982 | 0.0 | 43.498 | 6.262 | 0.0 | 48.912 | 7.173 |
| 183 | 17766 | 17767 | SN | 1 | 0.0 | 44.023 | 4.546 | 0.186 | 49.988 | 5.089 | 0.0 | 49.894 | 3.61 | 0.0 | 46.169 | 4.462 | 0.0 | 44.691 | 4.658 | 0.403 | 50.592 | 4.683 | 0.0 | 46.637 | 3.483 | 0.0 | 47.326 | 3.871 |
| 184 | 17766 | 17767 | SN | 1 | 0.0 | 42.816 | 1.272 | 0.0 | 48.423 | 1.538 | 0.0 | 45.759 | 1.027 | 0.0 | 40.989 | 1.376 | 0.0 | 42.304 | 1.319 | 0.0 | 50.121 | 1.411 | 0.0 | 43.257 | 0.941 | 0.0 | 39.602 | 1.199 |
| 185 | 17766 | 17767 | SN | 1 | 0.0 | 44.046 | 1.145 | 0.0 | 48.809 | 1.399 | 0.0 | 47.494 | 0.954 | 0.0 | 40.728 | 1.248 | 0.0 | 43.5 | 1.19 | 0.0 | 45.493 | 1.279 | 0.0 | 44.387 | 0.869 | 0.0 | 38.628 | 1.088 |
| 186 | 17766 | 17767 | NS | 1 | 0.0 | 35.733 | 0.694 | 0.0 | 41.135 | 0.921 | 0.0 | 40.205 | 0.912 | 0.0 | 38.514 | 1.419 | 0.0 | 36.803 | 0.678 | 0.0 | 37.963 | 0.792 | 0.0 | 41.641 | 0.856 | 0.0 | 38.538 | 1.207 |
| 187 | 17766 | 17767 | NS | 1 | 0.0 | 44.52 | 2.478 | 0.0 | 56.43 | 3.822 | 0.0 | 39.427 | 2.932 | 0.0 | 39.291 | 3.804 | 0.0 | 45.979 | 2.498 | 0.0 | 56.552 | 3.405 | 0.0 | 39.622 | 2.918 | 0.0 | 37.318 | 3.305 |
| 188 | 17766 | 17767 | SN | 1 | 0.0 | 46.45 | 4.959 | 0.186 | 49.988 | 5.47 | 0.0 | 46.538 | 3.952 | 0.0 | 51.438 | 4.763 | 0.0 | 46.762 | 5.048 | 0.403 | 50.168 | 5.081 | 0.0 | 43.736 | 3.843 | 0.0 | 50.639 | 4.155 |
| 189 | 17766 | 17767 | SN | 1 | 0.0 | 46.45 | 4.526 | 0.186 | 49.988 | 5.089 | 0.0 | 46.538 | 3.632 | 0.0 | 51.438 | 4.441 | 0.0 | 46.762 | 4.607 | 0.403 | 50.168 | 4.683 | 0.0 | 43.736 | 3.497 | 0.0 | 50.639 | 3.836 |
| 190 | 17766 | 17767 | SN | 1 | 0.0 | 42.816 | 1.161 | 0.0 | 48.423 | 1.408 | 0.0 | 45.759 | 0.938 | 0.0 | 40.989 | 1.264 | 0.0 | 42.304 | 1.204 | 0.0 | 50.121 | 1.293 | 0.0 | 43.257 | 0.855 | 0.0 | 39.602 | 1.098 |
| 191 | 17767 | 17768 | NS | 1 | 0.0 | 52.354 | 3.189 | 0.0 | 48.002 | 3.813 | 0.0 | 42.154 | 3.089 | 0.0 | 42.92 | 4.118 | 0.0 | 51.998 | 3.189 | 0.0 | 48.776 | 3.437 | 0.0 | 43.337 | 2.989 | 0.0 | 41.835 | 3.598 |
| 192 | 17767 | 17768 | NS | 1 | 0.0 | 50.194 | 3.25 | 0.0 | 48.002 | 3.854 | 0.0 | 42.703 | 3.002 | 0.0 | 46.088 | 4.132 | 0.0 | 51.978 | 3.24 | 0.0 | 48.776 | 3.528 | 0.0 | 43.885 | 2.832 | 0.0 | 47.843 | 3.498 |
| 193 | 17767 | 17768 | SN | 1 | 0.778 | 52.412 | 5.083 | 0.0 | 55.514 | 6.01 | 0.0 | 48.121 | 4.432 | 0.0 | 48.726 | 5.007 | 0.128 | 53.062 | 5.022 | 0.0 | 55.709 | 5.929 | 0.0 | 48.053 | 4.468 | 0.0 | 50.202 | 4.872 |
| 194 | 17767 | 17768 | SN | 1 | 0.778 | 52.412 | 5.083 | 0.0 | 55.514 | 6.01 | 0.0 | 48.121 | 4.432 | 0.0 | 48.726 | 5.007 | 0.128 | 53.062 | 5.022 | 0.0 | 55.709 | 5.929 | 0.0 | 48.053 | 4.468 | 0.0 | 50.202 | 4.872 |
| 195 | 17767 | 17768 | NS | 1 | 0.0 | 43.14 | 0.832 | 0.0 | 45.135 | 1.09 | 0.0 | 34.661 | 0.82 | 0.0 | 38.457 | 1.35 | 0.0 | 42.544 | 0.825 | 0.0 | 48.433 | 0.977 | 0.0 | 33.748 | 0.742 | 0.0 | 36.57 | 1.06 |
| 196 | 17767 | 17768 | NS | 1 | 0.0 | 40.649 | 0.803 | 0.0 | 45.134 | 1.102 | 0.0 | 34.415 | 0.792 | 0.0 | 36.153 | 1.33 | 0.0 | 40.732 | 0.8 | 0.0 | 48.432 | 0.955 | 0.0 | 33.713 | 0.716 | 0.0 | 36.68 | 1.051 |
| 197 | 17767 | 17768 | SN | 1 | 0.0 | 48.942 | 1.422 | 0.0 | 48.933 | 1.822 | 0.0 | 39.979 | 1.268 | 0.0 | 43.297 | 1.561 | 0.0 | 49.343 | 1.451 | 0.0 | 49.199 | 1.752 | 0.0 | 38.667 | 1.212 | 0.0 | 42.427 | 1.403 |
| 198 | 17767 | 17768 | SN | 1 | 0.0 | 48.942 | 1.422 | 0.0 | 48.933 | 1.822 | 0.0 | 39.979 | 1.268 | 0.0 | 43.297 | 1.561 | 0.0 | 49.343 | 1.451 | 0.0 | 49.199 | 1.752 | 0.0 | 38.667 | 1.212 | 0.0 | 42.427 | 1.403 |
| 199 | 17768 | 17769 | SN | 1 | 0.0 | 54.852 | 0.964 | 0.0 | 39.351 | 1.263 | 0.0 | 37.813 | 1.043 | 0.0 | 39.647 | 1.602 | 0.0 | 53.839 | 0.937 | 0.0 | 39.018 | 1.1 | 0.0 | 36.156 | 1.035 | 0.0 | 40.85 | 1.377 |
| 200 | 17768 | 17769 | NS | 1 | 0.0 | 41.574 | 0.99 | 0.0 | 37.949 | 1.374 | 0.0 | 37.122 | 1.225 | 0.0 | 39.906 | 1.808 | 0.0 | 41.592 | 0.988 | 0.0 | 37.918 | 1.218 | 0.0 | 40.308 | 1.115 | 0.0 | 39.345 | 1.443 |
| 201 | 17768 | 17769 | NS | 1 | 0.0 | 44.663 | 3.706 | 0.0 | 52.962 | 4.791 | 0.0 | 41.617 | 4.14 | 0.0 | 43.76 | 5.644 | 0.0 | 45.252 | 3.706 | 0.0 | 56.967 | 4.364 | 0.0 | 42.241 | 3.934 | 0.0 | 43.225 | 4.753 |
| 202 | 17768 | 17769 | NS | 1 | 0.0 | 51.376 | 3.726 | 0.0 | 52.962 | 4.751 | 0.0 | 41.617 | 4.097 | 0.0 | 43.76 | 5.63 | 0.0 | 52.159 | 3.696 | 0.0 | 56.967 | 4.354 | 0.0 | 42.241 | 3.955 | 0.0 | 43.225 | 4.739 |
| 203 | 17768 | 17769 | SN | 1 | 0.0 | 43.488 | 3.419 | 0.0 | 40.541 | 3.757 | 0.0 | 39.224 | 3.169 | 0.0 | 41.289 | 4.212 | 0.0 | 44.43 | 3.379 | 0.0 | 40.94 | 3.605 | 0.0 | 39.568 | 3.247 | 0.0 | 41.84 | 3.806 |
| 204 | 17768 | 17769 | NS | 1 | 0.0 | 41.953 | 0.981 | 0.0 | 38.4 | 1.304 | 0.0 | 39.018 | 1.264 | 0.0 | 39.405 | 1.776 | 0.0 | 41.676 | 0.963 | 0.0 | 39.613 | 1.159 | 0.0 | 39.275 | 1.129 | 0.0 | 40.431 | 1.43 |
| 205 | 17769 | 17770 | NS | 1 | 0.0 | 36.809 | 2.427 | 0.0 | 47.091 | 3.764 | 0.0 | 44.962 | 2.881 | 0.0 | 40.426 | 3.969 | 0.0 | 37.447 | 2.478 | 0.0 | 47.87 | 3.428 | 0.0 | 44.895 | 2.774 | 0.0 | 36.269 | 3.72 |
| 206 | 17769 | 17770 | NS | 1 | 0.0 | 37.782 | 0.728 | 0.0 | 39.823 | 1.022 | 0.0 | 40.07 | 1.01 | 0.0 | 45.804 | 1.265 | 0.0 | 38.002 | 0.716 | 0.0 | 38.3 | 0.938 | 0.0 | 38.143 | 0.966 | 0.0 | 45.54 | 1.054 |
| 207 | 17769 | 17770 | SN | 1 | 0.0 | 43.509 | 1.007 | 0.0 | 43.844 | 1.177 | 0.0 | 44.727 | 1.134 | 0.0 | 39.942 | 1.508 | 0.0 | 42.456 | 1.007 | 0.0 | 43.989 | 1.107 | 0.0 | 41.929 | 1.081 | 0.0 | 36.589 | 1.309 |
| 208 | 17769 | 17770 | SN | 1 | 0.0 | 43.509 | 1.007 | 0.0 | 43.844 | 1.177 | 0.0 | 44.727 | 1.134 | 0.0 | 39.942 | 1.508 | 0.0 | 42.456 | 1.007 | 0.0 | 43.989 | 1.107 | 0.0 | 41.929 | 1.081 | 0.0 | 36.589 | 1.309 |
| 209 | 17769 | 17770 | SN | 1 | 0.0 | 52.665 | 4.222 | 0.0 | 49.325 | 4.448 | 0.0 | 47.083 | 3.83 | 0.0 | 50.035 | 5.201 | 0.0 | 53.363 | 4.162 | 0.0 | 48.729 | 4.275 | 0.0 | 48.517 | 3.887 | 0.0 | 44.446 | 4.532 |
| 210 | 17769 | 17770 | NS | 1 | 0.0 | 36.939 | 2.366 | 0.0 | 50.025 | 3.764 | 0.0 | 44.089 | 2.973 | 0.0 | 37.055 | 3.941 | 0.0 | 37.578 | 2.396 | 0.0 | 48.733 | 3.428 | 0.0 | 44.023 | 2.881 | 0.0 | 34.776 | 3.684 |
| 211 | 17769 | 17770 | NS | 1 | 0.0 | 37.071 | 0.705 | 0.0 | 39.823 | 1.044 | 0.0 | 39.196 | 0.964 | 0.0 | 38.29 | 1.251 | 0.0 | 38.555 | 0.716 | 0.0 | 38.3 | 0.961 | 0.0 | 36.966 | 0.944 | 0.0 | 39.461 | 1.052 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 212 | 17769 | 17770 | SN | 1 | 0.0 | 52.665 | 4.222 | 0.0 | 49.325 | 4.448 | 0.0 | 47.083 | 3.83 | 0.0 | 50.035 | 5.201 | 0.0 | 53.363 | 4.162 | 0.0 | 48.729 | 4.275 | 0.0 | 48.517 | 3.887 | 0.0 | 44.446 | 4.532 |
| 213 | 17770 | 17771 | SN | 1 | 0.0 | 54.242 | 1.105 | 0.0 | 45.412 | 1.446 | 0.0 | 40.675 | 1.168 | 0.0 | 47.685 | 1.666 | 0.0 | 55.263 | 1.141 | 0.0 | 43.78 | 1.373 | 0.0 | 40.304 | 1.14 | 0.0 | 43.061 | 1.501 |
| 214 | 17770 | 17771 | NS | 1 | 0.0 | 41.099 | 2.456 | 0.0 | 45.76 | 3.181 | 0.0 | 47.474 | 3.129 | 0.0 | 40.437 | 4.06 | 0.0 | 42.152 | 2.467 | 0.0 | 46.48 | 2.907 | 0.0 | 45.702 | 3.143 | 0.0 | 38.398 | 3.647 |
| 215 | 17770 | 17771 | SN | 1 | 0.0 | 54.242 | 1.109 | 0.0 | 45.412 | 1.443 | 0.0 | 40.675 | 1.174 | 0.0 | 47.685 | 1.668 | 0.0 | 55.263 | 1.145 | 0.0 | 43.78 | 1.371 | 0.0 | 39.562 | 1.145 | 0.0 | 43.225 | 1.504 |
| 216 | 17770 | 17771 | NS | 1 | 0.0 | 43.068 | 0.655 | 0.0 | 47.716 | 1.037 | 0.0 | 38.845 | 0.987 | 0.0 | 39.862 | 1.49 | 0.0 | 41.152 | 0.653 | 0.0 | 47.881 | 0.892 | 0.0 | 36.083 | 0.99 | 0.0 | 37.989 | 1.252 |
| 217 | 17770 | 17771 | NS | 1 | 0.0 | 43.068 | 0.645 | 0.0 | 40.57 | 1.05 | 0.0 | 36.135 | 1.026 | 0.0 | 39.862 | 1.488 | 0.0 | 41.152 | 0.65 | 0.0 | 40.657 | 0.914 | 0.0 | 34.279 | 0.985 | 0.0 | 37.989 | 1.266 |
| 218 | 17770 | 17771 | SN | 1 | 0.0 | 51.954 | 4.457 | 0.029 | 49.782 | 5.017 | 0.0 | 45.49 | 4.371 | 0.0 | 45.632 | 5.493 | 0.0 | 52.85 | 4.497 | 0.06 | 48.964 | 4.834 | 0.0 | 46.796 | 4.392 | 0.0 | 43.348 | 4.674 |
| 219 | 17770 | 17771 | SN | 1 | 0.0 | 51.954 | 4.467 | 0.029 | 49.782 | 5.027 | 0.0 | 45.49 | 4.371 | 0.0 | 45.632 | 5.493 | 0.0 | 52.85 | 4.497 | 0.06 | 48.964 | 4.824 | 0.0 | 46.796 | 4.392 | 0.0 | 43.348 | 4.674 |
| 220 | 17770 | 17771 | NS | 1 | 0.0 | 43.068 | 0.651 | 0.0 | 47.716 | 1.041 | 0.0 | 39.311 | 0.99 | 0.0 | 38.311 | 1.49 | 0.0 | 41.152 | 0.655 | 0.0 | 47.881 | 0.892 | 0.0 | 36.549 | 0.99 | 0.0 | 38.508 | 1.268 |
| 221 | 17770 | 17771 | NS | 1 | 0.0 | 38.68 | 2.373 | 0.0 | 45.542 | 3.21 | 0.0 | 39.906 | 3.108 | 0.0 | 40.437 | 4.123 | 0.0 | 39.727 | 2.414 | 0.0 | 46.263 | 2.931 | 0.0 | 37.165 | 3.108 | 0.0 | 38.398 | 3.754 |
| 222 | 17770 | 17771 | NS | 1 | 0.0 | 39.662 | 2.477 | 0.0 | 45.739 | 3.171 | 0.0 | 47.347 | 3.129 | 0.0 | 40.437 | 4.074 | 0.0 | 39.927 | 2.497 | 0.0 | 46.461 | 2.897 | 0.0 | 45.574 | 3.172 | 0.0 | 38.508 | 3.604 |
| 223 | 17771 | 17772 | NS | 1 | 0.0 | 48.345 | 2.545 | 0.0 | 51.377 | 3.813 | 0.0 | 39.843 | 3.742 | 0.0 | 39.793 | 4.965 | 0.0 | 49.88 | 2.47 | 0.0 | 52.465 | 3.494 | 0.0 | 39.965 | 3.57 | 0.0 | 38.013 | 4.42 |
| 224 | 17771 | 17772 | SN | 1 | 0.0 | 47.946 | 6.004 | 0.0 | 48.746 | 7.679 | 0.0 | 44.054 | 6.262 | 0.0 | 44.233 | 7.886 | 0.0 | 48.024 | 6.268 | 0.0 | 48.144 | 7.598 | 0.0 | 44.506 | 6.504 | 0.0 | 43.646 | 7.701 |
| 225 | 17771 | 17772 | SN | 1 | 0.0 | 53.667 | 1.699 | 0.0 | 46.183 | 2.554 | 0.0 | 39.481 | 1.906 | 0.0 | 37.379 | 2.545 | 0.0 | 53.143 | 1.729 | 0.0 | 46.441 | 2.475 | 0.0 | 39.335 | 1.915 | 0.0 | 36.238 | 2.445 |
| 226 | 17771 | 17772 | NS | 1 | 0.0 | 37.372 | 0.892 | 0.0 | 43.941 | 1.396 | 0.0 | 35.233 | 1.135 | 0.0 | 39.21 | 1.701 | 0.0 | 38.932 | 0.868 | 0.0 | 42.798 | 1.204 | 0.0 | 34.698 | 1.081 | 0.0 | 39.334 | 1.424 |
| 227 | 17771 | 17772 | SN | 1 | 0.0 | 48.483 | 5.954 | 0.0 | 49.049 | 7.72 | 0.0 | 43.284 | 6.312 | 0.0 | 44.154 | 7.715 | 0.0 | 48.559 | 6.085 | 0.0 | 48.454 | 7.659 | 0.0 | 41.178 | 6.567 | 0.0 | 43.199 | 7.622 |
| 228 | 17771 | 17772 | NS | 1 | 0.0 | 43.386 | 2.59 | 0.0 | 43.282 | 3.619 | 0.0 | 40.805 | 3.65 | 0.0 | 39.793 | 4.736 | 0.0 | 44.294 | 2.539 | 0.0 | 43.194 | 3.304 | 0.0 | 41.566 | 3.508 | 0.0 | 38.931 | 4.209 |
| 229 | 17771 | 17772 | NS | 1 | 0.0 | 43.392 | 2.59 | 0.0 | 43.375 | 3.619 | 0.0 | 40.799 | 3.65 | 0.0 | 39.793 | 4.736 | 0.0 | 44.301 | 2.539 | 0.0 | 43.194 | 3.304 | 0.0 | 41.557 | 3.508 | 0.0 | 38.931 | 4.209 |
| 230 | 17771 | 17772 | NS | 1 | 0.0 | 37.372 | 0.884 | 0.0 | 43.941 | 1.337 | 0.0 | 35.561 | 1.127 | 0.0 | 36.897 | 1.609 | 0.0 | 38.932 | 0.87 | 0.0 | 42.798 | 1.151 | 0.0 | 34.698 | 1.085 | 0.0 | 35.523 | 1.357 |
| 231 | 17771 | 17772 | NS | 1 | 0.0 | 37.372 | 0.884 | 0.0 | 43.941 | 1.334 | 0.0 | 35.561 | 1.127 | 0.0 | 36.897 | 1.609 | 0.0 | 38.932 | 0.87 | 0.0 | 42.798 | 1.149 | 0.0 | 34.698 | 1.085 | 0.0 | 35.523 | 1.357 |
| 232 | 17771 | 17772 | SN | 1 | 0.0 | 42.262 | 1.668 | 0.0 | 48.859 | 2.542 | 0.0 | 40.426 | 1.881 | 0.0 | 36.842 | 2.539 | 0.0 | 42.204 | 1.688 | 0.0 | 49.423 | 2.418 | 0.0 | 38.461 | 1.913 | 0.0 | 37.112 | 2.408 |
| 233 | 17772 | 17773 | NS | 1 | 0.0 | 49.015 | 3.067 | 0.0 | 47.641 | 3.915 | 0.0 | 42.951 | 3.316 | 0.0 | 43.731 | 4.026 | 0.0 | 49.614 | 3.148 | 0.0 | 45.335 | 3.864 | 0.0 | 43.521 | 3.138 | 0.0 | 44.802 | 3.684 |
| 234 | 17772 | 17773 | NS | 1 | 0.0 | 43.966 | 0.809 | 0.0 | 47.672 | 1.099 | 0.0 | 47.428 | 0.914 | 0.0 | 39.623 | 1.341 | 0.0 | 42.997 | 0.791 | 0.0 | 45.084 | 1.059 | 0.0 | 46.713 | 0.851 | 0.0 | 38.516 | 1.183 |
| 235 | 17772 | 17773 | NS | 1 | 0.0 | 43.966 | 0.809 | 0.0 | 47.672 | 1.099 | 0.0 | 47.428 | 0.913 | 0.0 | 39.623 | 1.341 | 0.0 | 42.997 | 0.791 | 0.0 | 45.084 | 1.059 | 0.0 | 46.713 | 0.852 | 0.0 | 38.516 | 1.183 |
| 236 | 17772 | 17773 | SN | 1 | 0.0 | 38.475 | 4.241 | 0.0 | 50.559 | 4.995 | 0.0 | 46.073 | 4.488 | 0.0 | 42.182 | 6.387 | 0.0 | 38.487 | 4.181 | 0.0 | 53.201 | 4.904 | 0.0 | 44.948 | 4.623 | 0.0 | 42.689 | 6.273 |
| 237 | 17772 | 17773 | SN | 1 | 0.0 | 38.475 | 4.241 | 0.0 | 50.559 | 4.995 | 0.0 | 46.073 | 4.488 | 0.0 | 42.182 | 6.387 | 0.0 | 38.487 | 4.181 | 0.0 | 53.201 | 4.904 | 0.0 | 44.948 | 4.623 | 0.0 | 42.689 | 6.273 |
| 238 | 17772 | 17773 | NS | 1 | 0.0 | 49.015 | 3.364 | 0.0 | 47.208 | 4.298 | 0.0 | 42.951 | 3.582 | 0.0 | 47.592 | 4.474 | 0.0 | 49.614 | 3.465 | 0.0 | 45.191 | 4.219 | 0.0 | 42.042 | 3.417 | 0.0 | 49.328 | 4.09 |
| 239 | 17772 | 17773 | NS | 1 | 0.0 | 49.015 | 3.067 | 0.0 | 47.64 | 3.915 | 0.0 | 42.951 | 3.308 | 0.0 | 43.731 | 4.026 | 0.0 | 49.614 | 3.148 | 0.0 | 45.335 | 3.864 | 0.0 | 43.536 | 3.123 | 0.0 | 44.802 | 3.684 |
| 240 | 17772 | 17773 | NS | 1 | 0.0 | 43.966 | 0.891 | 0.0 | 42.334 | 1.21 | 0.0 | 47.428 | 1.0 | 0.0 | 41.189 | 1.487 | 0.0 | 42.997 | 0.864 | 0.0 | 41.861 | 1.18 | 0.0 | 46.713 | 0.953 | 0.0 | 41.719 | 1.33 |
| 241 | 17772 | 17773 | SN | 1 | 0.0 | 37.612 | 1.305 | 0.0 | 41.229 | 1.809 | 0.0 | 36.057 | 1.62 | 0.0 | 40.307 | 2.311 | 0.0 | 37.45 | 1.28 | 0.0 | 39.971 | 1.73 | 0.0 | 36.513 | 1.604 | 0.0 | 41.634 | 2.119 |
| 242 | 17772 | 17773 | SN | 1 | 0.0 | 37.612 | 1.305 | 0.0 | 41.229 | 1.809 | 0.0 | 36.057 | 1.62 | 0.0 | 40.307 | 2.311 | 0.0 | 37.45 | 1.28 | 0.0 | 39.971 | 1.73 | 0.0 | 36.513 | 1.604 | 0.0 | 41.634 | 2.119 |
| 243 | 17773 | 17774 | NS | 1 | 0.0 | 47.269 | 1.211 | 0.0 | 47.603 | 1.656 | 0.0 | 45.488 | 1.275 | 0.0 | 45.171 | 1.829 | 0.0 | 46.877 | 1.219 | 0.0 | 45.932 | 1.6 | 0.0 | 48.113 | 1.323 | 0.0 | 45.558 | 1.715 |
| 244 | 17773 | 17774 | SN | 1 | 0.0 | 35.355 | 0.923 | 0.0 | 39.664 | 1.15 | 0.0 | 36.826 | 1.027 | 0.0 | 42.013 | 1.463 | 0.0 | 34.146 | 0.942 | 0.0 | 39.461 | 1.123 | 0.0 | 34.981 | 1.042 | 0.0 | 41.136 | 1.402 |
| 245 | 17773 | 17774 | NS | 1 | 0.0 | 43.494 | 4.001 | 0.0 | 51.484 | 5.067 | 0.0 | 49.111 | 3.791 | 0.0 | 44.029 | 5.103 | 0.0 | 43.882 | 4.001 | 0.0 | 51.907 | 4.792 | 0.0 | 48.446 | 3.905 | 0.0 | 45.564 | 4.597 |
| 246 | 17773 | 17774 | NS | 1 | 0.0 | 44.575 | 3.93 | 0.0 | 50.547 | 5.036 | 0.0 | 45.114 | 3.663 | 0.0 | 41.853 | 4.918 | 0.0 | 44.916 | 4.001 | 0.0 | 51.062 | 4.863 | 0.0 | 44.463 | 3.777 | 0.0 | 43.29 | 4.49 |
| 247 | 17773 | 17774 | SN | 1 | 0.0 | 39.367 | 3.322 | 0.0 | 41.008 | 3.838 | 0.0 | 38.686 | 3.037 | 0.0 | 40.231 | 3.784 | 0.0 | 39.735 | 3.363 | 0.0 | 42.772 | 3.787 | 0.0 | 35.879 | 3.058 | 0.0 | 40.953 | 3.592 |

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

Normal
Alarming
Deviations
High Errors

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248 | 17773 | 17774 | NS | 1 | 0.0 | 43.494 | 4.271 | 0.0 | 50.547 | 5.581 | 0.0 | 49.111 | 4.099 | 0.0 | 41.483 | 5.693 | 0.0 | 43.882 | 4.318 | 0.0 | 51.059 | 5.295 | 0.0 | 48.446 | 4.316 | 0.0 | 42.351 | 5.142 |
| 249 | 17773 | 17774 | NS | 1 | 0.0 | 48.669 | 1.105 | 0.0 | 47.604 | 1.503 | 0.0 | 47.148 | 1.111 | 0.0 | 41.729 | 1.61 | 0.0 | 47.686 | 1.101 | 0.0 | 44.786 | 1.444 | 0.0 | 45.663 | 1.133 | 0.0 | 40.602 | 1.503 |
| 250 | 17773 | 17774 | NS | 1 | 0.0 | 47.269 | 1.107 | 0.0 | 47.603 | 1.496 | 0.0 | 45.488 | 1.134 | 0.0 | 45.171 | 1.613 | 0.0 | 46.877 | 1.098 | 0.0 | 45.932 | 1.433 | 0.0 | 48.113 | 1.172 | 0.0 | 45.558 | 1.505 |
| 251 | 17773 | 17774 | SN | 1 | 0.0 | 39.367 | 3.545 | 0.0 | 41.008 | 4.12 | 0.0 | 39.849 | 3.236 | 0.0 | 40.231 | 4.015 | 0.0 | 39.735 | 3.611 | 0.0 | 42.772 | 4.066 | 0.0 | 38.633 | 3.274 | 0.0 | 40.953 | 3.846 |
| 252 | 17773 | 17774 | SN | 1 | 0.0 | 35.355 | 0.857 | 0.0 | 39.664 | 1.077 | 0.0 | 36.826 | 0.96 | 0.0 | 42.013 | 1.36 | 0.0 | 34.146 | 0.875 | 0.0 | 39.461 | 1.05 | 0.0 | 34.981 | 0.977 | 0.0 | 41.136 | 1.305 |

| 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 | 17745 | 17746 | SN | 1 | 0.0 | 22.104 | 6.225 | 0.0 | 98.473 | 7.646 | 0.0 | 147.581 | 2.962 | 0.0 | 72.986 | 4.097 | 0.0 | 1.419 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.14 | 0.0 |
| 2 | 17745 | 17746 | SN | 1 | 0.0 | 22.104 | 6.256 | 0.0 | 98.473 | 7.609 | 0.0 | 147.581 | 3.0 | 0.0 | 14.196 | 3.968 | 0.0 | 1.419 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.14 | 0.0 |
| 3 | 17745 | 17746 | SN | 1 | 0.0 | 22.104 | 6.225 | 0.0 | 98.473 | 7.646 | 0.0 | 147.581 | 2.962 | 0.0 | 72.997 | 4.097 | 0.0 | 1.419 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.14 | 0.0 |
| 4 | 17745 | 17746 | NS | 1 | 0.0 | 25.479 | 6.028 | 0.0 | 24.575 | 6.741 | 0.0 | 336.12 | 2.111 | 0.0 | 38.528 | 2.982 | 0.0 | 1.425 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.128 | 0.0 |
| 5 | 17745 | 17746 | SN | 1 | 0.0 | 29.505 | 13.661 | 0.0 | 53.973 | 13.253 | 0.0 | 145.1 | 11.231 | 0.0 | 65.662 | 14.339 | 0.0 | 1.431 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.138 | 0.0 |
| 6 | 17745 | 17746 | SN | 1 | 0.0 | 29.505 | 13.661 | 0.0 | 53.973 | 13.253 | 0.0 | 145.1 | 11.231 | 0.0 | 65.651 | 14.339 | 0.0 | 1.431 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.138 | 0.0 |
| 7 | 17745 | 17746 | SN | 1 | 0.0 | 29.505 | 13.705 | 0.0 | 53.973 | 12.939 | 0.0 | 145.1 | 11.358 | 0.0 | 17.157 | 13.905 | 0.0 | 1.431 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.138 | 0.0 |
| 8 | 17745 | 17746 | NS | 1 | 0.0 | 25.998 | 10.185 | 0.0 | 29.935 | 14.309 | 0.0 | 353.024 | 9.632 | 0.0 | 37.469 | 12.41 | 0.0 | 1.407 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.13 | 0.0 |
| 9 | 17746 | 17747 | SN | 1 | 0.0 | 22.093 | 6.249 | 0.0 | 69.304 | 7.589 | 0.0 | 193.549 | 3.0 | 0.0 | 14.196 | 4.076 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.14 | 0.0 |
| 10 | 17746 | 17747 | SN | 1 | 0.0 | 29.285 | 13.649 | 0.0 | 27.343 | 13.06 | 0.0 | 153.3 | 11.306 | 0.0 | 21.194 | 14.199 | 0.0 | 1.43 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.137 | 0.0 |
| 11 | 17746 | 17747 | NS | 1 | 0.0 | 304.122 | 10.241 | 0.0 | 30.002 | 14.226 | 0.0 | 355.627 | 9.677 | 0.0 | 49.083 | 12.36 | 0.0 | 1.407 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.132 | 0.0 |
| 12 | 17746 | 17747 | SN | 1 | 0.0 | 22.093 | 6.222 | 0.0 | 24.216 | 7.61 | 0.0 | 193.599 | 2.976 | 0.0 | 73.857 | 4.169 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.14 | 0.0 |
| 13 | 17746 | 17747 | SN | 1 | 0.722 | 29.285 | 13.639 | 0.0 | 27.343 | 13.24 | 0.0 | 153.3 | 11.247 | 0.0 | 68.965 | 14.444 | 0.004 | 1.43 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.137 | 0.0 |
| 14 | 17746 | 17747 | SN | 1 | 0.0 | 22.093 | 6.239 | 0.0 | 24.216 | 7.591 | 0.0 | 193.599 | 2.997 | 0.0 | 14.19 | 4.081 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.14 | 0.0 |
| 15 | 17746 | 17747 | NS | 1 | 0.0 | 158.57 | 6.023 | 0.0 | 24.569 | 6.707 | 0.0 | 353.288 | 2.094 | 0.0 | 46.304 | 2.926 | 0.0 | 1.434 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.133 | 0.0 |
| 16 | 17746 | 17747 | NS | 1 | 0.0 | 242.178 | 10.23 | 0.0 | 30.002 | 14.252 | 0.0 | 354.992 | 9.681 | 0.0 | 36.78 | 12.364 | 0.0 | 1.407 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.13 | 0.0 |
| 17 | 17746 | 17747 | SN | 1 | 0.0 | 29.279 | 13.663 | 0.0 | 232.979 | 13.071 | 0.0 | 153.284 | 11.324 | 0.0 | 21.2 | 14.221 | 0.0 | 1.431 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 18 | 17746 | 17747 | NS | 1 | 0.0 | 219.456 | 6.035 | 0.0 | 24.569 | 6.704 | 0.0 | 248.029 | 2.099 | 0.0 | 46.304 | 2.941 | 0.0 | 1.426 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.129 | 0.0 |
| 19 | 17747 | 17748 | SN | 1 | 0.0 | 22.11 | 6.229 | 0.0 | 24.227 | 7.599 | 0.0 | 131.577 | 2.982 | 0.0 | 72.042 | 4.229 | 0.0 | 1.421 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.141 | 0.0 |
| 20 | 17747 | 17748 | NS | 1 | 0.0 | 90.918 | 10.189 | 0.0 | 30.046 | 14.273 | 0.0 | 354.0 | 9.639 | 0.0 | 53.253 | 12.228 | 0.0 | 1.406 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.131 | 0.0 |
| 21 | 17747 | 17748 | SN | 1 | 0.0 | 29.103 | 13.662 | 0.0 | 27.349 | 12.991 | 0.0 | 145.221 | 11.326 | 0.0 | 19.551 | 14.185 | 0.0 | 1.433 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 22 | 17747 | 17748 | NS | 1 | 0.0 | 154.131 | 5.999 | 0.0 | 24.564 | 6.692 | 0.0 | 131.034 | 2.085 | 0.0 | 51.648 | 2.919 | 0.0 | 1.426 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.129 | 0.0 |
| 23 | 17747 | 17748 | SN | 1 | 0.0 | 29.103 | 13.639 | 0.0 | 27.343 | 13.209 | 0.0 | 145.221 | 11.242 | 0.0 | 69.026 | 14.472 | 0.0 | 1.433 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 24 | 17747 | 17748 | SN | 1 | 0.0 | 22.11 | 6.25 | 0.0 | 24.227 | 7.578 | 0.0 | 131.577 | 3.007 | 0.0 | 14.196 | 4.128 | 0.0 | 1.421 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.141 | 0.0 |
| 25 | 17748 | 17749 | NS | 1 | 0.0 | 258.182 | 6.009 | 0.0 | 24.564 | 6.701 | 0.0 | 258.011 | 2.102 | 0.0 | 43.822 | 2.905 | 0.0 | 1.425 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.129 | 0.0 |
| 26 | 17748 | 17749 | SN | 1 | 0.0 | 29.406 | 13.686 | 0.0 | 27.365 | 12.886 | 0.0 | 154.144 | 11.38 | 0.0 | 17.058 | 14.061 | 0.0 | 1.431 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.141 | 0.0 |
| 27 | 17748 | 17749 | NS | 1 | 0.0 | 269.521 | 10.197 | 0.0 | 30.057 | 14.196 | 0.0 | 352.599 | 9.74 | 0.0 | 60.29 | 12.184 | 0.0 | 1.406 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.126 | 0.0 |
| 28 | 17748 | 17749 | NS | 1 | 0.0 | 269.521 | 10.217 | 0.0 | 30.057 | 14.196 | 0.0 | 352.588 | 9.762 | 0.0 | 60.284 | 12.17 | 0.0 | 1.406 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.126 | 0.0 |
| 29 | 17748 | 17749 | SN | 1 | 0.0 | 22.104 | 6.229 | 0.0 | 24.238 | 7.609 | 0.0 | 135.112 | 2.998 | 0.0 | 49.442 | 4.279 | 0.0 | 1.419 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.14 | 0.0 |
| 30 | 17748 | 17749 | SN | 1 | 0.0 | 29.406 | 13.634 | 0.0 | 27.365 | 13.16 | 0.0 | 154.144 | 11.24 | 0.0 | 72.544 | 14.47 | 0.0 | 1.431 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.141 | 0.0 |
| 31 | 17748 | 17749 | SN | 1 | 0.0 | 22.104 | 6.265 | 0.0 | 24.238 | 7.567 | 0.0 | 135.112 | 3.038 | 0.0 | 14.19 | 4.15 | 0.0 | 1.419 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.14 | 0.0 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 17748 | 17749 | NS | 1 | 0.0 | 258.182 | 6.011 | 0.0 | 24.564 | 6.713 | 0.0 | 271.964 | 2.102 | 0.0 | 43.817 | 2.899 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.129 | 0.0 |
| 33 | 17749 | 17750 | SN | 1 | 0.0 | 29.202 | 13.664 | 0.0 | 27.365 | 13.201 | 0.0 | 155.545 | 11.203 | 0.0 | 65.259 | 14.477 | 0.0 | 1.432 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.141 | 0.0 |
| 34 | 17749 | 17750 | NS | 1 | 0.0 | 237.663 | 6.027 | 0.0 | 24.569 | 6.719 | 0.0 | 344.839 | 2.099 | 0.0 | 45.554 | 2.924 | 0.0 | 1.425 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 35 | 17749 | 17750 | SN | 1 | 0.0 | 22.11 | 6.296 | 0.0 | 24.244 | 7.523 | 0.0 | 151.674 | 3.042 | 0.0 | 14.19 | 4.091 | 0.0 | 1.42 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.14 | 0.0 |
| 36 | 17749 | 17750 | NS | 1 | 0.0 | 260.388 | 10.207 | 0.0 | 30.073 | 14.226 | 0.0 | 225.765 | 9.669 | 0.0 | 62.016 | 12.298 | 0.0 | 1.406 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.127 | 0.0 |
| 37 | 17749 | 17750 | NS | 1 | 0.0 | 270.563 | 10.197 | 0.0 | 30.073 | 14.226 | 0.0 | 225.77 | 9.648 | 0.0 | 62.027 | 12.291 | 0.0 | 1.407 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.128 | 0.0 |
| 38 | 17749 | 17750 | SN | 1 | 0.0 | 22.11 | 6.245 | 0.0 | 24.244 | 7.587 | 0.0 | 151.674 | 2.983 | 0.0 | 54.494 | 4.24 | 0.0 | 1.42 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.14 | 0.0 |
| 39 | 17749 | 17750 | NS | 1 | 0.0 | 237.898 | 6.025 | 0.0 | 24.569 | 6.715 | 0.0 | 344.845 | 2.097 | 0.0 | 45.559 | 2.924 | 0.0 | 1.426 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 40 | 17749 | 17750 | SN | 1 | 0.0 | 29.202 | 13.723 | 0.0 | 27.354 | 12.761 | 0.0 | 155.545 | 11.4 | 0.0 | 15.095 | 13.901 | 0.0 | 1.432 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.141 | 0.0 |
| 41 | 17750 | 17751 | SN | 1 | 0.0 | 22.11 | 6.318 | 0.0 | 24.233 | 7.557 | 0.0 | 165.18 | 3.066 | 0.0 | 77.593 | 4.018 | 0.0 | 1.42 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.14 | 0.0 |
| 42 | 17750 | 17751 | NS | 1 | 0.0 | 25.992 | 10.215 | 0.0 | 29.869 | 14.242 | 0.0 | 354.7 | 9.619 | 0.0 | 40.794 | 12.353 | 0.0 | 1.41 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.13 | 0.0 |
| 43 | 17750 | 17751 | NS | 1 | 0.0 | 25.998 | 10.205 | 0.0 | 29.864 | 14.232 | 0.0 | 354.695 | 9.626 | 0.0 | 41.296 | 12.339 | 0.0 | 1.406 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.13 | 0.0 |
| 44 | 17750 | 17751 | NS | 1 | 0.0 | 25.49 | 6.028 | 0.0 | 24.569 | 6.738 | 0.0 | 335.927 | 2.093 | 0.0 | 22.578 | 2.943 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.128 | 0.0 |
| 45 | 17750 | 17751 | SN | 1 | 0.0 | 29.4 | 13.507 | 0.0 | 27.36 | 13.222 | 0.0 | 159.13 | 11.3 | 0.0 | 72.244 | 14.445 | 0.0 | 1.432 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.137 | 0.0 |
| 46 | 17750 | 17751 | SN | 1 | 0.0 | 29.4 | 13.507 | 0.0 | 27.36 | 13.212 | 0.0 | 159.13 | 11.3 | 0.0 | 72.244 | 14.445 | 0.0 | 1.432 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.137 | 0.0 |
| 47 | 17750 | 17751 | NS | 1 | 0.0 | 25.49 | 6.026 | 0.0 | 24.569 | 6.736 | 0.0 | 335.899 | 2.086 | 0.0 | 22.573 | 2.936 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.127 | 0.0 |
| 48 | 17750 | 17751 | SN | 1 | 0.0 | 29.4 | 13.591 | 0.0 | 26.814 | 12.69 | 0.0 | 159.13 | 11.601 | 0.0 | 72.244 | 13.695 | 0.0 | 1.432 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.137 | 0.0 |
| 49 | 17750 | 17751 | SN | 1 | 0.0 | 22.11 | 6.237 | 0.0 | 24.233 | 7.606 | 0.0 | 165.18 | 2.974 | 0.0 | 77.593 | 4.171 | 0.0 | 1.42 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.14 | 0.0 |
| 50 | 17750 | 17751 | SN | 1 | 0.0 | 22.11 | 6.237 | 0.0 | 24.233 | 7.608 | 0.0 | 165.18 | 2.974 | 0.0 | 77.593 | 4.17 | 0.0 | 1.42 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.14 | 0.0 |
| 51 | 17751 | 17752 | NS | 1 | 0.0 | 25.452 | 6.029 | 0.0 | 24.564 | 6.75 | 0.0 | 353.404 | 2.096 | 0.0 | 44.798 | 2.971 | 0.0 | 1.432 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.135 | 0.0 |
| 52 | 17751 | 17752 | NS | 1 | 0.0 | 25.452 | 6.032 | 0.0 | 24.569 | 6.749 | 0.0 | 207.808 | 2.106 | 0.0 | 31.347 | 2.98 | 0.0 | 1.425 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.13 | 0.0 |
| 53 | 17751 | 17752 | SN | 1 | 0.0 | 29.191 | 13.7 | 0.0 | 77.781 | 12.623 | 0.0 | 151.243 | 11.645 | 0.0 | 14.664 | 13.511 | 0.0 | 1.431 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.137 | 0.0 |
| 54 | 17751 | 17752 | SN | 1 | 0.0 | 22.126 | 6.234 | 0.0 | 69.768 | 7.591 | 0.0 | 145.502 | 2.957 | 0.0 | 73.818 | 4.075 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 55 | 17751 | 17752 | SN | 1 | 0.0 | 22.121 | 6.236 | 0.0 | 59.295 | 7.582 | 0.0 | 145.579 | 2.966 | 0.0 | 240.733 | 4.083 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 56 | 17751 | 17752 | NS | 1 | 0.0 | 25.998 | 10.25 | 0.0 | 29.935 | 14.262 | 0.0 | 355.285 | 9.642 | 0.0 | 45.708 | 12.425 | 0.0 | 1.411 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.14 | 0.0 |
| 57 | 17751 | 17752 | NS | 1 | 0.0 | 26.003 | 10.209 | 0.0 | 29.935 | 14.283 | 0.0 | 354.838 | 9.737 | 0.0 | 36.156 | 12.429 | 0.0 | 1.408 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 58 | 17751 | 17752 | SN | 1 | 0.722 | 29.191 | 13.588 | 0.0 | 82.033 | 13.247 | 0.0 | 151.238 | 11.24 | 0.0 | 205.674 | 14.442 | 0.004 | 1.43 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.137 | 0.0 |
| 59 | 17751 | 17752 | SN | 1 | 0.739 | 29.191 | 13.568 | 0.0 | 77.781 | 13.247 | 0.0 | 151.243 | 11.261 | 0.0 | 68.904 | 14.442 | 0.001 | 1.431 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.137 | 0.0 |
| 60 | 17751 | 17752 | SN | 1 | 0.0 | 22.126 | 6.347 | 0.0 | 69.768 | 7.554 | 0.0 | 145.502 | 3.085 | 0.0 | 14.19 | 3.925 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 61 | 17752 | 17753 | SN | 1 | 0.0 | 22.11 | 6.239 | 0.0 | 24.227 | 7.587 | 0.0 | 137.759 | 2.927 | 0.0 | 74.287 | 3.993 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 62 | 17752 | 17753 | SN | 1 | 0.0 | 29.235 | 13.609 | 0.0 | 27.343 | 13.247 | 0.0 | 153.824 | 11.249 | 0.0 | 69.213 | 14.443 | 0.0 | 1.431 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.137 | 0.0 |
| 63 | 17752 | 17753 | SN | 1 | 0.0 | 29.235 | 13.609 | 0.0 | 27.343 | 13.247 | 0.0 | 153.824 | 11.249 | 0.0 | 69.213 | 14.443 | 0.0 | 1.431 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.137 | 0.0 |
| 64 | 17752 | 17753 | SN | 1 | 0.0 | 29.235 | 13.792 | 0.0 | 25.435 | 12.439 | 0.0 | 153.824 | 11.807 | 0.0 | 14.565 | 13.333 | 0.0 | 1.431 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.137 | 0.0 |
| 65 | 17752 | 17753 | NS | 1 | 0.0 | 255.425 | 10.24 | 0.0 | 30.013 | 14.283 | 0.0 | 353.746 | 9.73 | 0.0 | 53.291 | 12.464 | 0.0 | 1.406 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.131 | 0.0 |
| 66 | 17752 | 17753 | NS | 1 | 0.0 | 164.168 | 10.23 | 0.0 | 30.013 | 14.293 | 0.0 | 353.752 | 9.709 | 0.0 | 53.302 | 12.472 | 0.0 | 1.407 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.132 | 0.0 |
| 67 | 17752 | 17753 | NS | 1 | 0.0 | 200.884 | 6.021 | 0.0 | 24.569 | 6.738 | 0.0 | 263.363 | 2.101 | 0.0 | 48.653 | 2.997 | 0.0 | 1.426 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.129 | 0.0 |
| 68 | 17752 | 17753 | NS | 1 | 0.0 | 253.329 | 6.028 | 0.0 | 24.575 | 6.747 | 0.0 | 231.043 | 2.106 | 0.0 | 48.637 | 2.996 | 0.0 | 1.425 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | 17752 | 17753 | SN | 1 | 0.0 | 22.11 | 6.239 | 0.0 | 24.227 | 7.587 | 0.0 | 137.759 | 2.927 | 0.0 | 74.287 | 3.993 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 70 | 17752 | 17753 | SN | 1 | 0.0 | 22.11 | 6.386 | 0.0 | 24.227 | 7.564 | 0.0 | 137.759 | 3.107 | 0.0 | 14.19 | 3.88 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 71 | 17753 | 17754 | SN | 1 | 0.0 | 28.788 | 13.594 | 0.0 | 27.36 | 13.17 | 0.0 | 150.4 | 11.269 | 0.0 | 67.719 | 13.886 | 0.0 | 1.431 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.138 | 0.0 |
| 72 | 17753 | 17754 | NS | 1 | 0.0 | 123.87 | 10.187 | 0.0 | 30.046 | 14.248 | 0.0 | 352.615 | 9.733 | 0.0 | 37.86 | 12.398 | 0.0 | 1.408 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.13 | 0.0 |
| 73 | 17753 | 17754 | NS | 1 | 0.0 | 123.87 | 10.187 | 0.0 | 30.046 | 14.248 | 0.0 | 352.615 | 9.733 | 0.0 | 37.86 | 12.398 | 0.0 | 1.408 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.13 | 0.0 |
| 74 | 17753 | 17754 | SN | 1 | 0.0 | 22.099 | 6.237 | 0.0 | 24.244 | 7.612 | 0.0 | 148.866 | 2.861 | 0.0 | 46.42 | 4.023 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.139 | 0.0 |
| 75 | 17753 | 17754 | SN | 1 | 0.0 | 22.099 | 6.235 | 0.0 | 24.244 | 7.607 | 0.0 | 148.866 | 2.857 | 0.0 | 46.42 | 4.014 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.139 | 0.0 |
| 76 | 17753 | 17754 | NS | 1 | 0.0 | 199.012 | 6.017 | 0.0 | 24.58 | 6.736 | 0.0 | 256.616 | 2.102 | 0.0 | 44.103 | 3.004 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 77 | 17753 | 17754 | NS | 1 | 0.0 | 199.012 | 6.017 | 0.0 | 24.58 | 6.736 | 0.0 | 256.616 | 2.102 | 0.0 | 44.103 | 3.004 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 78 | 17753 | 17754 | SN | 1 | 0.0 | 28.788 | 13.594 | 0.0 | 27.36 | 13.15 | 0.0 | 150.4 | 11.269 | 0.0 | 67.719 | 13.886 | 0.0 | 1.431 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.138 | 0.0 |
| 79 | 17754 | 17755 | SN | 1 | 0.0 | 29.511 | 13.58 | 0.667 | 27.36 | 13.235 | 0.0 | 153.047 | 11.295 | 0.0 | 62.75 | 14.061 | 0.0 | 1.432 | 0.0 | 0.001 | 1.784 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.136 | 0.0 |
| 80 | 17754 | 17755 | NS | 1 | 0.0 | 273.533 | 10.345 | 0.0 | 29.858 | 14.296 | 0.0 | 279.881 | 9.95 | 0.0 | 36.978 | 12.496 | 0.0 | 1.406 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.953 | 0.0 | 0.0 | 2.13 | 0.0 |
| 81 | 17754 | 17755 | NS | 1 | 0.0 | 271.862 | 6.09 | 0.0 | 24.586 | 6.768 | 0.0 | 342.082 | 2.208 | 0.0 | 55.994 | 3.0 | 0.0 | 1.458 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.981 | 0.0 | 0.0 | 2.129 | 0.0 |
| 82 | 17754 | 17755 | NS | 1 | 0.0 | 271.862 | 6.09 | 0.0 | 24.586 | 6.768 | 0.0 | 342.082 | 2.208 | 0.0 | 55.994 | 3.003 | 0.0 | 1.458 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.981 | 0.0 | 0.0 | 2.129 | 0.0 |
| 83 | 17754 | 17755 | SN | 1 | 0.0 | 22.132 | 6.218 | 0.0 | 24.238 | 7.554 | 0.0 | 144.317 | 2.876 | 0.0 | 62.033 | 4.058 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.138 | 0.0 |
| 84 | 17754 | 17755 | NS | 1 | 0.0 | 273.533 | 10.345 | 0.0 | 29.858 | 14.296 | 0.0 | 279.881 | 9.95 | 0.0 | 36.978 | 12.496 | 0.0 | 1.406 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.953 | 0.0 | 0.0 | 2.13 | 0.0 |
| 85 | 17755 | 17756 | NS | 1 | 0.0 | 25.998 | 10.203 | 0.0 | 29.858 | 14.261 | 0.0 | 354.546 | 9.7 | 0.0 | 28.435 | 12.5 | 0.0 | 1.407 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.13 | 0.0 |
| 86 | 17755 | 17756 | SN | 1 | 0.0 | 29.439 | 13.528 | 0.667 | 27.36 | 13.174 | 0.0 | 149.638 | 11.222 | 0.0 | 72.233 | 14.324 | 0.0 | 1.431 | 0.0 | 0.001 | 1.784 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.136 | 0.0 |
| 87 | 17755 | 17756 | SN | 1 | 0.0 | 29.439 | 13.528 | 0.667 | 27.36 | 13.174 | 0.0 | 149.638 | 11.222 | 0.0 | 72.233 | 14.324 | 0.0 | 1.431 | 0.0 | 0.001 | 1.784 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.136 | 0.0 |
| 88 | 17755 | 17756 | NS | 1 | 0.0 | 25.998 | 10.206 | 0.0 | 29.875 | 14.286 | 0.0 | 354.546 | 9.661 | 0.0 | 36.868 | 12.561 | 0.0 | 1.407 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.13 | 0.0 |
| 89 | 17755 | 17756 | NS | 1 | 0.0 | 25.998 | 10.206 | 0.0 | 29.875 | 14.286 | 0.0 | 354.546 | 9.661 | 0.0 | 36.868 | 12.561 | 0.0 | 1.407 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.13 | 0.0 |
| 90 | 17755 | 17756 | NS | 1 | 0.0 | 25.457 | 6.046 | 0.0 | 24.58 | 6.77 | 0.0 | 356.156 | 2.094 | 0.0 | 15.718 | 2.992 | 0.0 | 1.425 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.131 | 0.0 |
| 91 | 17755 | 17756 | SN | 1 | 0.0 | 22.115 | 6.232 | 0.0 | 24.238 | 7.597 | 0.0 | 193.814 | 2.927 | 0.0 | 71.662 | 4.053 | 0.0 | 1.419 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 92 | 17755 | 17756 | NS | 1 | 0.0 | 25.457 | 6.026 | 0.0 | 24.58 | 6.765 | 0.0 | 356.156 | 2.084 | 0.0 | 21.018 | 3.018 | 0.0 | 1.425 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.131 | 0.0 |
| 93 | 17755 | 17756 | NS | 1 | 0.0 | 25.457 | 6.026 | 0.0 | 24.58 | 6.765 | 0.0 | 356.156 | 2.084 | 0.0 | 21.018 | 3.018 | 0.0 | 1.425 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.131 | 0.0 |
| 94 | 17755 | 17756 | SN | 1 | 0.0 | 22.115 | 6.232 | 0.0 | 24.238 | 7.597 | 0.0 | 193.814 | 2.927 | 0.0 | 71.662 | 4.053 | 0.0 | 1.419 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 95 | 17756 | 17757 | NS | 1 | 0.0 | 40.637 | 10.212 | 0.0 | 29.924 | 14.294 | 0.0 | 241.869 | 9.694 | 0.0 | 35.875 | 12.537 | 0.0 | 1.407 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.131 | 0.0 |
| 96 | 17756 | 17757 | NS | 1 | 0.0 | 25.998 | 10.222 | 0.0 | 29.924 | 14.294 | 0.0 | 141.54 | 9.708 | 0.0 | 35.886 | 12.544 | 0.0 | 1.407 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.131 | 0.0 |
| 97 | 17756 | 17757 | SN | 1 | 0.722 | 29.196 | 13.568 | 0.0 | 182.522 | 13.276 | 0.0 | 170.413 | 11.24 | 0.0 | 67.906 | 14.239 | 0.004 | 1.431 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.137 | 0.0 |
| 98 | 17756 | 17757 | SN | 1 | 0.722 | 29.196 | 13.568 | 0.0 | 182.522 | 13.276 | 0.0 | 170.364 | 11.24 | 0.0 | 67.906 | 14.239 | 0.004 | 1.431 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.137 | 0.0 |
| 99 | 17756 | 17757 | NS | 1 | 0.0 | 25.463 | 6.014 | 0.0 | 24.569 | 6.761 | 0.0 | 176.979 | 2.105 | 0.0 | 68.8 | 3.027 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 100 | 17756 | 17757 | NS | 1 | 0.0 | 25.468 | 6.025 | 0.0 | 24.569 | 6.766 | 0.0 | 165.139 | 2.11 | 0.0 | 68.816 | 3.027 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 101 | 17756 | 17757 | SN | 1 | 0.0 | 22.115 | 6.224 | 0.0 | 123.688 | 7.563 | 0.0 | 190.146 | 2.889 | 0.0 | 224.916 | 4.051 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.138 | 0.0 |
| 102 | 17756 | 17757 | SN | 1 | 0.0 | 22.115 | 6.224 | 0.0 | 123.688 | 7.569 | 0.0 | 190.036 | 2.891 | 0.0 | 224.916 | 4.054 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.138 | 0.0 |
| 103 | 17757 | 17758 | SN | 1 | 0.0 | 22.121 | 6.22 | 0.0 | 24.255 | 7.599 | 0.0 | 194.31 | 2.914 | 0.0 | 177.484 | 4.074 | 0.0 | 1.419 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 104 | 17757 | 17758 | NS | 1 | 0.0 | 119.984 | 10.262 | 0.0 | 29.969 | 14.325 | 0.0 | 355.114 | 9.693 | 0.0 | 36.559 | 12.544 | 0.0 | 1.406 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.132 | 0.0 |
| 105 | 17757 | 17758 | NS | 1 | 0.0 | 153.962 | 6.016 | 0.0 | 24.569 | 6.748 | 0.0 | 188.147 | 2.106 | 0.0 | 65.706 | 3.026 | 0.0 | 1.425 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106 | 17757 | 17758 | SN | 1 | 0.0 | 22.121 | 6.222 | 0.0 | 24.255 | 7.599 | 0.0 | 194.31 | 2.914 | 0.0 | 177.484 | 4.074 | 0.0 | 1.419 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 107 | 17757 | 17758 | NS | 1 | 0.0 | 153.962 | 6.016 | 0.0 | 24.569 | 6.75 | 0.0 | 188.147 | 2.11 | 0.0 | 65.706 | 3.031 | 0.0 | 1.425 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 108 | 17757 | 17758 | NS | 1 | 0.0 | 119.984 | 10.262 | 0.0 | 29.969 | 14.325 | 0.0 | 355.114 | 9.693 | 0.0 | 36.559 | 12.544 | 0.0 | 1.406 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.132 | 0.0 |
| 109 | 17757 | 17758 | SN | 1 | 0.722 | 29.048 | 13.558 | 0.0 | 27.36 | 13.225 | 0.0 | 164.865 | 11.303 | 0.0 | 91.781 | 14.146 | 0.003 | 1.431 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.137 | 0.0 |
| 110 | 17757 | 17758 | SN | 1 | 0.722 | 29.048 | 13.558 | 0.0 | 27.36 | 13.225 | 0.0 | 164.865 | 11.303 | 0.0 | 91.781 | 14.146 | 0.003 | 1.431 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.135 | 0.0 |
| 111 | 17758 | 17759 | NS | 1 | 0.0 | 254.462 | 6.028 | 0.0 | 24.575 | 6.77 | 0.0 | 118.074 | 2.122 | 0.0 | 68.849 | 3.043 | 0.0 | 1.426 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.131 | 0.0 |
| 112 | 17758 | 17759 | SN | 1 | 0.739 | 29.119 | 13.619 | 0.0 | 27.354 | 13.216 | 0.0 | 141.835 | 11.254 | 0.0 | 71.188 | 14.206 | 0.001 | 1.433 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.136 | 0.0 |
| 113 | 17758 | 17759 | NS | 1 | 0.0 | 239.304 | 10.232 | 0.0 | 30.024 | 14.315 | 0.0 | 353.945 | 9.679 | 0.0 | 60.384 | 12.586 | 0.0 | 1.41 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.129 | 0.0 |
| 114 | 17758 | 17759 | NS | 1 | 0.0 | 239.31 | 10.253 | 0.0 | 30.024 | 14.305 | 0.0 | 353.939 | 9.7 | 0.0 | 60.384 | 12.558 | 0.0 | 1.409 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.129 | 0.0 |
| 115 | 17758 | 17759 | SN | 1 | 0.0 | 22.104 | 6.231 | 0.0 | 24.238 | 7.618 | 0.0 | 133.457 | 2.891 | 0.0 | 68.833 | 4.032 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 116 | 17758 | 17759 | NS | 1 | 0.0 | 205.894 | 6.03 | 0.0 | 24.58 | 6.761 | 0.0 | 280.976 | 2.121 | 0.0 | 68.849 | 3.043 | 0.0 | 1.426 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.131 | 0.0 |
| 117 | 17759 | 17760 | SN | 1 | 0.0 | 29.417 | 13.776 | 0.0 | 27.277 | 12.728 | 0.0 | 157.95 | 11.545 | 0.0 | 75.757 | 13.461 | 0.0 | 1.432 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.136 | 0.0 |
| 118 | 17759 | 17760 | NS | 1 | 0.0 | 41.503 | 10.165 | 0.0 | 34.358 | 14.329 | 0.0 | 128.254 | 9.738 | 0.0 | 37.888 | 12.606 | 0.0 | 1.406 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.129 | 0.0 |
| 119 | 17759 | 17760 | NS | 1 | 0.0 | 270.585 | 10.175 | 0.0 | 34.358 | 14.339 | 0.0 | 128.166 | 9.752 | 0.0 | 37.888 | 12.619 | 0.0 | 1.407 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.129 | 0.0 |
| 120 | 17759 | 17760 | NS | 1 | 0.0 | 54.794 | 6.028 | 0.0 | 24.575 | 6.804 | 0.0 | 352.141 | 2.113 | 0.0 | 41.715 | 3.065 | 0.0 | 1.423 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 121 | 17759 | 17760 | NS | 1 | 0.0 | 237.925 | 6.037 | 0.0 | 24.569 | 6.797 | 0.0 | 352.152 | 2.114 | 0.0 | 41.715 | 3.05 | 0.0 | 1.424 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 122 | 17759 | 17760 | SN | 1 | 0.0 | 29.417 | 13.694 | 0.0 | 27.354 | 13.221 | 0.0 | 157.95 | 11.253 | 0.0 | 75.757 | 14.193 | 0.0 | 1.432 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.136 | 0.0 |
| 123 | 17759 | 17760 | SN | 1 | 0.0 | 22.093 | 6.3 | 0.0 | 24.238 | 7.584 | 0.0 | 150.786 | 2.966 | 0.0 | 136.449 | 3.853 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.138 | 0.0 |
| 124 | 17759 | 17760 | SN | 1 | 0.0 | 22.093 | 6.228 | 0.0 | 24.238 | 7.63 | 0.0 | 150.786 | 2.888 | 0.0 | 136.449 | 4.009 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.138 | 0.0 |
| 125 | 17760 | 17761 | SN | 1 | 0.0 | 29.616 | 13.639 | 0.667 | 27.354 | 13.184 | 0.0 | 148.58 | 11.364 | 0.0 | 65.27 | 14.381 | 0.0 | 1.431 | 0.0 | 0.001 | 1.785 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.135 | 0.0 |
| 126 | 17760 | 17761 | NS | 1 | 0.0 | 102.83 | 10.207 | 0.0 | 29.891 | 14.249 | 0.0 | 354.695 | 9.705 | 0.0 | 37.215 | 12.511 | 0.0 | 1.407 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.128 | 0.0 |
| 127 | 17760 | 17761 | SN | 1 | 0.0 | 22.115 | 6.221 | 0.0 | 24.233 | 7.615 | 0.0 | 148.387 | 2.947 | 0.0 | 72.644 | 4.067 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.139 | 0.0 |
| 128 | 17760 | 17761 | SN | 1 | 0.0 | 29.616 | 13.639 | 0.667 | 27.354 | 13.184 | 0.0 | 148.58 | 11.364 | 0.0 | 65.27 | 14.381 | 0.0 | 1.431 | 0.0 | 0.001 | 1.785 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.135 | 0.0 |
| 129 | 17760 | 17761 | SN | 1 | 0.0 | 22.115 | 6.243 | 0.0 | 24.233 | 7.599 | 0.0 | 148.387 | 2.975 | 0.0 | 14.19 | 3.958 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.139 | 0.0 |
| 130 | 17760 | 17761 | NS | 1 | 0.0 | 235.488 | 6.04 | 0.0 | 24.569 | 6.749 | 0.0 | 228.699 | 2.105 | 0.0 | 23.025 | 3.014 | 0.0 | 1.426 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.13 | 0.0 |
| 131 | 17760 | 17761 | SN | 1 | 0.0 | 22.115 | 6.221 | 0.0 | 24.233 | 7.615 | 0.0 | 148.387 | 2.945 | 0.0 | 72.644 | 4.067 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.139 | 0.0 |
| 132 | 17760 | 17761 | SN | 1 | 0.0 | 29.616 | 13.664 | 0.667 | 27.354 | 12.996 | 0.0 | 148.58 | 11.445 | 0.0 | 19.617 | 14.1 | 0.0 | 1.431 | 0.0 | 0.001 | 1.785 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.135 | 0.0 |
| 133 | 17761 | 17762 | NS | 1 | 0.0 | 57.985 | 6.036 | 0.0 | 24.569 | 6.726 | 0.0 | 139.235 | 2.091 | 0.0 | 39.101 | 2.976 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.129 | 0.0 |
| 134 | 17761 | 17762 | NS | 1 | 0.0 | 121.942 | 6.027 | 0.0 | 24.575 | 6.726 | 0.0 | 138.143 | 2.096 | 0.0 | 48.383 | 2.982 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 135 | 17761 | 17762 | SN | 1 | 0.0 | 29.516 | 13.582 | 0.667 | 27.36 | 13.035 | 0.0 | 148.602 | 11.297 | 0.0 | 20.99 | 14.129 | 0.0 | 1.432 | 0.0 | 0.001 | 1.786 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.138 | 0.0 |
| 136 | 17761 | 17762 | SN | 1 | 0.0 | 22.088 | 6.244 | 0.0 | 24.211 | 7.573 | 0.0 | 172.256 | 2.992 | 0.0 | 14.196 | 4.041 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.139 | 0.0 |
| 137 | 17761 | 17762 | SN | 1 | 0.0 | 29.516 | 13.578 | 0.667 | 27.36 | 13.164 | 0.0 | 148.618 | 11.25 | 0.0 | 73.041 | 14.382 | 0.0 | 1.431 | 0.0 | 0.001 | 1.785 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.138 | 0.0 |
| 138 | 17761 | 17762 | NS | 1 | 0.0 | 91.748 | 10.223 | 0.0 | 29.93 | 14.244 | 0.0 | 136.791 | 9.653 | 0.0 | 35.936 | 12.382 | 0.0 | 1.407 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.131 | 0.0 |
| 139 | 17761 | 17762 | NS | 1 | 0.0 | 270.701 | 10.186 | 0.0 | 29.93 | 14.239 | 0.0 | 356.14 | 9.72 | 0.0 | 38.026 | 12.397 | 0.0 | 1.407 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.129 | 0.0 |
| 140 | 17761 | 17762 | SN | 1 | 0.0 | 22.088 | 6.225 | 0.0 | 24.211 | 7.59 | 0.0 | 172.256 | 2.97 | 0.0 | 70.531 | 4.121 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.139 | 0.0 |
| 141 | 17761 | 17762 | SN | 1 | 0.0 | 22.088 | 6.244 | 0.0 | 24.216 | 7.582 | 0.0 | 172.311 | 2.988 | 0.0 | 14.19 | 4.032 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.139 | 0.0 |
| 142 | 17761 | 17762 | SN | 1 | 0.0 | 29.516 | 13.603 | 0.667 | 27.36 | 13.025 | 0.0 | 148.618 | 11.312 | 0.0 | 20.985 | 14.158 | 0.0 | 1.431 | 0.0 | 0.001 | 1.785 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.138 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 143 | 17762 | 17763 | SN | 1 | 0.745 | 29.081 | 13.578 | 0.0 | 33.749 | 13.166 | 0.0 | 159.83 | 11.21 | 0.0 | 65.237 | 14.475 | 0.003 | 1.43 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.139 | 0.0 |
| 144 | 17762 | 17763 | SN | 1 | 0.0 | 29.081 | 13.618 | 0.0 | 33.749 | 12.929 | 0.0 | 159.83 | 11.323 | 0.0 | 18.911 | 14.145 | 0.0 | 1.43 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.139 | 0.0 |
| 145 | 17762 | 17763 | NS | 1 | 0.596 | 198.005 | 10.28 | 0.0 | 29.969 | 14.315 | 0.0 | 253.941 | 9.693 | 0.0 | 52.597 | 12.324 | 0.072 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.13 | 0.0 |
| 146 | 17762 | 17763 | NS | 1 | 0.596 | 198.005 | 10.28 | 0.0 | 29.969 | 14.315 | 0.0 | 253.941 | 9.693 | 0.0 | 52.597 | 12.324 | 0.072 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.13 | 0.0 |
| 147 | 17762 | 17763 | SN | 1 | 0.0 | 22.099 | 6.233 | 0.0 | 50.89 | 7.602 | 0.0 | 146.837 | 2.994 | 0.0 | 68.871 | 4.188 | 0.0 | 1.418 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.141 | 0.0 |
| 148 | 17762 | 17763 | SN | 1 | 0.0 | 22.099 | 6.233 | 0.0 | 50.89 | 7.602 | 0.0 | 146.837 | 2.994 | 0.0 | 68.871 | 4.188 | 0.0 | 1.418 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.141 | 0.0 |
| 149 | 17762 | 17763 | SN | 1 | 0.0 | 22.099 | 6.258 | 0.0 | 50.89 | 7.574 | 0.0 | 146.837 | 3.026 | 0.0 | 14.196 | 4.069 | 0.0 | 1.418 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.141 | 0.0 |
| 150 | 17762 | 17763 | NS | 1 | 0.0 | 254.065 | 6.03 | 0.0 | 24.575 | 6.729 | 0.0 | 197.313 | 2.088 | 0.0 | 46.15 | 2.944 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.127 | 0.0 |
| 151 | 17762 | 17763 | NS | 1 | 0.0 | 254.065 | 6.03 | 0.0 | 24.575 | 6.729 | 0.0 | 197.313 | 2.088 | 0.0 | 46.15 | 2.944 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.127 | 0.0 |
| 152 | 17762 | 17763 | SN | 1 | 0.745 | 29.081 | 13.578 | 0.0 | 33.749 | 13.166 | 0.0 | 159.83 | 11.21 | 0.0 | 65.237 | 14.475 | 0.003 | 1.43 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.139 | 0.0 |
| 153 | 17763 | 17764 | SN | 1 | 0.0 | 29.081 | 13.561 | 0.0 | 27.36 | 13.207 | 0.0 | 140.064 | 11.216 | 0.0 | 170.72 | 14.425 | 0.0 | 1.431 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.135 | 0.0 |
| 154 | 17763 | 17764 | SN | 1 | 0.0 | 29.081 | 13.581 | 0.0 | 27.36 | 13.207 | 0.0 | 140.042 | 11.223 | 0.0 | 154.677 | 14.389 | 0.0 | 1.432 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.135 | 0.0 |
| 155 | 17763 | 17764 | SN | 1 | 0.0 | 29.081 | 13.635 | 0.0 | 27.36 | 12.813 | 0.0 | 140.042 | 11.383 | 0.0 | 154.677 | 13.892 | 0.0 | 1.432 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.135 | 0.0 |
| 156 | 17763 | 17764 | SN | 1 | 0.0 | 22.121 | 6.239 | 0.0 | 24.222 | 7.591 | 0.0 | 134.307 | 2.975 | 0.0 | 189.438 | 4.193 | 0.0 | 1.419 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.141 | 0.0 |
| 157 | 17763 | 17764 | NS | 1 | 0.0 | 89.407 | 10.206 | 0.0 | 29.985 | 14.23 | 0.0 | 352.455 | 9.739 | 0.0 | 37.364 | 12.286 | 0.0 | 1.406 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.127 | 0.0 |
| 158 | 17763 | 17764 | NS | 1 | 0.0 | 153.968 | 6.041 | 0.0 | 24.569 | 6.765 | 0.0 | 263.46 | 2.099 | 0.0 | 47.572 | 2.964 | 0.0 | 1.425 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.128 | 0.0 |
| 159 | 17763 | 17764 | SN | 1 | 0.0 | 22.121 | 6.242 | 0.0 | 24.222 | 7.595 | 0.0 | 140.213 | 2.984 | 0.0 | 261.452 | 4.189 | 0.0 | 1.419 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.141 | 0.0 |
| 160 | 17763 | 17764 | NS | 1 | 0.0 | 100.712 | 6.037 | 0.0 | 24.569 | 6.757 | 0.0 | 340.157 | 2.091 | 0.0 | 57.764 | 2.974 | 0.0 | 1.425 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 161 | 17763 | 17764 | NS | 1 | 0.0 | 119.984 | 10.249 | 0.0 | 29.985 | 14.254 | 0.0 | 353.768 | 9.721 | 0.0 | 59.672 | 12.317 | 0.0 | 1.408 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.13 | 0.0 |
| 162 | 17763 | 17764 | SN | 1 | 0.0 | 22.121 | 6.283 | 0.0 | 24.222 | 7.55 | 0.0 | 140.213 | 3.033 | 0.0 | 261.452 | 4.06 | 0.0 | 1.419 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.141 | 0.0 |
| 163 | 17764 | 17765 | SN | 1 | 0.0 | 22.11 | 6.251 | 0.0 | 24.227 | 7.564 | 0.0 | 151.662 | 2.97 | 0.0 | 58.751 | 4.131 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.139 | 0.0 |
| 164 | 17764 | 17765 | SN | 1 | 0.0 | 22.11 | 6.302 | 0.0 | 24.227 | 7.517 | 0.0 | 151.662 | 3.041 | 0.0 | 14.229 | 3.989 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.139 | 0.0 |
| 165 | 17764 | 17765 | SN | 1 | 0.0 | 22.11 | 6.243 | 0.0 | 24.227 | 7.567 | 0.0 | 151.734 | 2.971 | 0.0 | 58.751 | 4.121 | 0.0 | 1.419 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.139 | 0.0 |
| 166 | 17764 | 17765 | NS | 1 | 0.0 | 210.108 | 10.215 | 0.0 | 30.002 | 14.292 | 0.0 | 129.186 | 9.695 | 0.0 | 38.462 | 12.507 | 0.0 | 1.408 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.128 | 0.0 |
| 167 | 17764 | 17765 | NS | 1 | 0.0 | 210.108 | 10.234 | 0.0 | 29.853 | 14.276 | 0.0 | 354.303 | 9.729 | 0.0 | 35.93 | 12.441 | 0.0 | 1.408 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.128 | 0.0 |
| 168 | 17764 | 17765 | NS | 1 | 0.0 | 200.906 | 6.041 | 0.0 | 24.569 | 6.807 | 0.0 | 354.303 | 2.108 | 0.0 | 55.856 | 2.982 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.127 | 0.0 |
| 169 | 17764 | 17765 | SN | 1 | 0.0 | 29.505 | 13.633 | 0.0 | 27.349 | 13.241 | 0.0 | 154.442 | 11.281 | 0.0 | 62.854 | 14.386 | 0.0 | 1.432 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.139 | 0.0 |
| 170 | 17764 | 17765 | SN | 1 | 0.0 | 29.5 | 13.633 | 0.0 | 27.354 | 13.221 | 0.0 | 154.525 | 11.288 | 0.0 | 62.854 | 14.386 | 0.0 | 1.431 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.137 | 0.0 |
| 171 | 17764 | 17765 | SN | 1 | 0.0 | 29.505 | 13.71 | 0.0 | 27.327 | 12.703 | 0.0 | 154.442 | 11.543 | 0.0 | 14.67 | 13.702 | 0.0 | 1.432 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.139 | 0.0 |
| 172 | 17764 | 17765 | NS | 1 | 0.0 | 236.503 | 6.021 | 0.0 | 24.569 | 6.811 | 0.0 | 311.948 | 2.091 | 0.0 | 46.155 | 3.001 | 0.0 | 1.423 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.128 | 0.0 |
| 173 | 17765 | 17766 | SN | 1 | 0.0 | 29.373 | 13.609 | 0.667 | 27.36 | 13.144 | 0.0 | 165.538 | 11.341 | 0.0 | 65.143 | 14.254 | 0.0 | 1.432 | 0.0 | 0.001 | 1.785 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.137 | 0.0 |
| 174 | 17765 | 17766 | NS | 1 | 0.0 | 25.457 | 6.042 | 0.0 | 24.575 | 6.799 | 0.0 | 353.007 | 2.104 | 0.0 | 24.101 | 3.008 | 0.0 | 1.423 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 175 | 17765 | 17766 | SN | 1 | 0.0 | 29.373 | 13.609 | 0.667 | 27.36 | 13.144 | 0.0 | 165.538 | 11.341 | 0.0 | 65.143 | 14.254 | 0.0 | 1.432 | 0.0 | 0.001 | 1.785 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.137 | 0.0 |
| 176 | 17765 | 17766 | SN | 1 | 0.0 | 22.115 | 6.225 | 0.0 | 24.238 | 7.604 | 0.0 | 155.97 | 2.94 | 0.0 | 72.66 | 4.053 | 0.0 | 1.421 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.139 | 0.0 |
| 177 | 17765 | 17766 | NS | 1 | 0.0 | 71.808 | 10.217 | 0.0 | 29.858 | 14.3 | 0.0 | 354.562 | 9.778 | 0.0 | 36.145 | 12.48 | 0.0 | 1.409 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.129 | 0.0 |
| 178 | 17765 | 17766 | NS | 1 | 0.0 | 25.463 | 6.051 | 0.0 | 24.569 | 6.819 | 0.0 | 139.025 | 2.098 | 0.0 | 22.898 | 3.012 | 0.0 | 1.424 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 179 | 17765 | 17766 | SN | 1 | 0.0 | 22.115 | 6.314 | 0.0 | 24.238 | 7.572 | 0.0 | 155.97 | 3.05 | 0.0 | 14.19 | 3.904 | 0.0 | 1.421 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.139 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 17765 | 17766 | SN | 1 | 0.0 | 22.115 | 6.225 | 0.0 | 24.238 | 7.602 | 0.0 | 155.97 | 2.941 | 0.0 | 72.66 | 4.055 | 0.0 | 1.421 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.139 | 0.0 |
| 181 | 17765 | 17766 | SN | 1 | 0.0 | 29.373 | 13.713 | 0.667 | 25.921 | 12.634 | 0.0 | 165.538 | 11.686 | 0.0 | 14.648 | 13.436 | 0.0 | 1.432 | 0.0 | 0.001 | 1.785 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.137 | 0.0 |
| 182 | 17765 | 17766 | NS | 1 | 0.0 | 71.814 | 10.217 | 0.0 | 29.858 | 14.28 | 0.0 | 354.557 | 9.735 | 0.0 | 36.123 | 12.458 | 0.0 | 1.407 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.128 | 0.0 |
| 183 | 17766 | 17767 | SN | 1 | 0.0 | 29.582 | 13.518 | 0.667 | 27.354 | 13.154 | 0.0 | 146.66 | 11.299 | 0.0 | 99.769 | 14.048 | 0.0 | 1.432 | 0.0 | 0.001 | 1.785 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.135 | 0.0 |
| 184 | 17766 | 17767 | SN | 1 | 0.0 | 22.126 | 6.357 | 0.0 | 24.233 | 7.561 | 0.0 | 169.393 | 3.069 | 0.0 | 14.19 | 3.865 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 185 | 17766 | 17767 | SN | 1 | 0.0 | 22.126 | 6.227 | 0.0 | 24.233 | 7.577 | 0.0 | 169.393 | 2.904 | 0.0 | 151.66 | 3.993 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 186 | 17766 | 17767 | NS | 1 | 0.0 | 266.967 | 6.055 | 0.0 | 24.586 | 6.821 | 0.0 | 210.036 | 2.114 | 0.0 | 24.862 | 3.035 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 187 | 17766 | 17767 | NS | 1 | 0.0 | 269.289 | 10.197 | 0.0 | 29.902 | 14.26 | 0.0 | 355.864 | 9.792 | 0.0 | 38.087 | 12.586 | 0.0 | 1.406 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.128 | 0.0 |
| 188 | 17766 | 17767 | SN | 1 | 0.0 | 29.582 | 13.668 | 0.667 | 25.523 | 12.563 | 0.0 | 146.66 | 11.793 | 0.0 | 14.659 | 13.018 | 0.0 | 1.432 | 0.0 | 0.001 | 1.785 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.135 | 0.0 |
| 189 | 17766 | 17767 | SN | 1 | 0.0 | 29.582 | 13.518 | 0.667 | 27.36 | 13.144 | 0.0 | 146.66 | 11.307 | 0.0 | 73.195 | 14.041 | 0.0 | 1.432 | 0.0 | 0.001 | 1.785 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.135 | 0.0 |
| 190 | 17766 | 17767 | SN | 1 | 0.0 | 22.126 | 6.227 | 0.0 | 24.233 | 7.581 | 0.0 | 169.393 | 2.906 | 0.0 | 70.917 | 3.991 | 0.0 | 1.42 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 191 | 17767 | 17768 | NS | 1 | 0.0 | 68.127 | 10.228 | 0.0 | 29.963 | 14.316 | 0.0 | 264.353 | 9.707 | 0.0 | 36.62 | 12.632 | 0.0 | 1.409 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.13 | 0.0 |
| 192 | 17767 | 17768 | NS | 1 | 0.0 | 68.127 | 10.228 | 0.0 | 29.963 | 14.306 | 0.0 | 264.353 | 9.676 | 0.0 | 37.259 | 12.618 | 0.0 | 1.408 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.129 | 0.0 |
| 193 | 17767 | 17768 | SN | 1 | 0.722 | 29.014 | 13.568 | 0.0 | 27.354 | 13.208 | 0.0 | 159.957 | 11.276 | 0.0 | 65.402 | 13.756 | 0.003 | 1.431 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.137 | 0.0 |
| 194 | 17767 | 17768 | SN | 1 | 0.722 | 29.014 | 13.568 | 0.0 | 27.354 | 13.208 | 0.0 | 159.957 | 11.276 | 0.0 | 65.402 | 13.756 | 0.003 | 1.431 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.137 | 0.0 |
| 195 | 17767 | 17768 | NS | 1 | 0.0 | 25.485 | 6.052 | 0.0 | 24.575 | 6.824 | 0.0 | 264.218 | 2.099 | 0.0 | 41.401 | 3.074 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.128 | 0.0 |
| 196 | 17767 | 17768 | NS | 1 | 0.0 | 45.171 | 6.061 | 0.0 | 24.575 | 6.813 | 0.0 | 264.218 | 2.103 | 0.0 | 41.385 | 3.073 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.128 | 0.0 |
| 197 | 17767 | 17768 | SN | 1 | 0.0 | 22.104 | 6.246 | 0.0 | 24.216 | 7.576 | 0.0 | 145.282 | 2.857 | 0.0 | 65.772 | 3.959 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 198 | 17767 | 17768 | SN | 1 | 0.0 | 22.104 | 6.246 | 0.0 | 24.216 | 7.576 | 0.0 | 145.282 | 2.857 | 0.0 | 65.772 | 3.959 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 199 | 17768 | 17769 | SN | 1 | 0.0 | 22.126 | 6.243 | 0.0 | 149.881 | 7.583 | 0.0 | 151.337 | 2.828 | 0.0 | 219.059 | 3.974 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.138 | 0.0 |
| 200 | 17768 | 17769 | NS | 1 | 0.0 | 54.066 | 6.055 | 0.0 | 24.575 | 6.83 | 0.0 | 303.741 | 2.111 | 0.0 | 57.913 | 3.075 | 0.0 | 1.423 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 201 | 17768 | 17769 | NS | 1 | 0.0 | 54.066 | 10.236 | 0.0 | 29.985 | 14.324 | 0.0 | 347.856 | 9.802 | 0.0 | 34.011 | 12.529 | 0.0 | 1.406 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.128 | 0.0 |
| 202 | 17768 | 17769 | NS | 1 | 0.0 | 54.066 | 10.245 | 0.0 | 29.985 | 14.324 | 0.0 | 347.85 | 9.788 | 0.0 | 34.011 | 12.514 | 0.0 | 1.406 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.128 | 0.0 |
| 203 | 17768 | 17769 | SN | 1 | 0.0 | 33.399 | 13.606 | 0.0 | 243.647 | 13.272 | 0.0 | 148.365 | 11.294 | 0.0 | 239.949 | 13.71 | 0.0 | 1.432 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.137 | 0.0 |
| 204 | 17768 | 17769 | NS | 1 | 0.0 | 54.066 | 6.057 | 0.0 | 24.575 | 6.826 | 0.0 | 303.764 | 2.111 | 0.0 | 57.924 | 3.075 | 0.0 | 1.423 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 205 | 17769 | 17770 | NS | 1 | 0.0 | 41.922 | 10.256 | 0.0 | 30.007 | 14.303 | 0.0 | 300.449 | 9.781 | 0.0 | 34.767 | 12.586 | 0.0 | 1.406 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.128 | 0.0 |
| 206 | 17769 | 17770 | NS | 1 | 0.0 | 159.624 | 6.055 | 0.0 | 24.58 | 6.859 | 0.0 | 341.812 | 2.104 | 0.0 | 59.75 | 3.072 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 207 | 17769 | 17770 | SN | 1 | 0.0 | 22.121 | 6.247 | 0.0 | 24.244 | 7.56 | 0.0 | 185.696 | 2.881 | 0.0 | 78.47 | 3.981 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 208 | 17769 | 17770 | SN | 1 | 0.0 | 22.121 | 6.247 | 0.0 | 24.244 | 7.56 | 0.0 | 185.696 | 2.881 | 0.0 | 78.47 | 3.981 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 209 | 17769 | 17770 | SN | 1 | 0.0 | 28.832 | 13.609 | 0.0 | 27.343 | 13.292 | 0.0 | 156.041 | 11.27 | 0.0 | 274.176 | 13.91 | 0.0 | 1.432 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.138 | 0.0 |
| 210 | 17769 | 17770 | NS | 1 | 0.0 | 41.922 | 10.256 | 0.0 | 30.002 | 14.293 | 0.0 | 300.449 | 9.788 | 0.0 | 34.761 | 12.586 | 0.0 | 1.406 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.128 | 0.0 |
| 211 | 17769 | 17770 | NS | 1 | 0.0 | 159.624 | 6.055 | 0.0 | 24.58 | 6.857 | 0.0 | 341.812 | 2.105 | 0.0 | 59.738 | 3.072 | 0.0 | 1.424 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.129 | 0.0 |
| 212 | 17769 | 17770 | SN | 1 | 0.0 | 28.832 | 13.609 | 0.0 | 27.343 | 13.292 | 0.0 | 156.041 | 11.27 | 0.0 | 274.176 | 13.91 | 0.0 | 1.432 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.138 | 0.0 |
| 213 | 17770 | 17771 | SN | 1 | 0.0 | 22.11 | 6.229 | 0.0 | 24.238 | 7.594 | 0.0 | 189.81 | 2.879 | 0.0 | 71.055 | 4.004 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 214 | 17770 | 17771 | NS | 1 | 0.0 | 254.261 | 10.211 | 0.0 | 29.864 | 14.29 | 0.0 | 356.779 | 9.729 | 0.0 | 35.925 | 12.6 | 0.0 | 1.407 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.128 | 0.0 |
| 215 | 17770 | 17771 | SN | 1 | 0.0 | 22.11 | 6.229 | 0.0 | 24.238 | 7.594 | 0.0 | 189.81 | 2.879 | 0.0 | 71.055 | 4.004 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.138 | 0.0 |
| 216 | 17770 | 17771 | NS | 1 | 0.0 | 140.93 | 6.055 | 0.0 | 24.58 | 6.846 | 0.0 | 350.867 | 2.127 | 0.0 | 57.825 | 3.073 | 0.0 | 1.425 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.129 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 217 | 17770 | 17771 | NS | 1 | 0.0 | 140.93 | 6.101 | 0.0 | 24.58 | 6.839 | 0.0 | 350.867 | 2.163 | 0.0 | 12.298 | 2.993 | 0.0 | 1.425 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.129 | 0.0 |
| 218 | 17770 | 17771 | SN | 1 | 0.0 | 28.777 | 13.593 | 0.662 | 27.349 | 13.304 | 0.0 | 174.952 | 11.324 | 0.0 | 58.31 | 13.924 | 0.0 | 1.432 | 0.0 | 0.001 | 1.782 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.137 | 0.0 |
| 219 | 17770 | 17771 | SN | 1 | 0.0 | 28.777 | 13.593 | 0.662 | 27.349 | 13.304 | 0.0 | 174.952 | 11.324 | 0.0 | 58.31 | 13.924 | 0.0 | 1.432 | 0.0 | 0.001 | 1.782 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.137 | 0.0 |
| 220 | 17770 | 17771 | NS | 1 | 0.0 | 154.831 | 6.057 | 0.0 | 24.58 | 6.849 | 0.0 | 342.92 | 2.122 | 0.0 | 57.814 | 3.068 | 0.0 | 1.425 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.129 | 0.0 |
| 221 | 17770 | 17771 | NS | 1 | 0.0 | 254.261 | 10.213 | 0.0 | 29.864 | 14.088 | 0.0 | 356.779 | 9.874 | 0.0 | 17.731 | 12.399 | 0.0 | 1.407 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.128 | 0.0 |
| 222 | 17770 | 17771 | NS | 1 | 0.0 | 207.764 | 10.201 | 0.0 | 29.864 | 14.321 | 0.0 | 356.779 | 9.75 | 0.0 | 35.925 | 12.6 | 0.0 | 1.406 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.127 | 0.0 |
| 223 | 17771 | 17772 | NS | 1 | 0.0 | 26.003 | 10.276 | 0.0 | 29.875 | 13.794 | 0.0 | 355.147 | 10.24 | 0.0 | 13.214 | 12.118 | 0.0 | 1.406 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.128 | 0.0 |
| 224 | 17771 | 17772 | SN | 1 | 0.0 | 29.814 | 13.558 | 0.0 | 156.287 | 13.195 | 0.0 | 162.268 | 11.348 | 0.0 | 91.637 | 13.785 | 0.0 | 1.433 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.139 | 0.0 |
| 225 | 17771 | 17772 | SN | 1 | 0.0 | 22.126 | 6.225 | 0.0 | 162.646 | 7.604 | 0.0 | 179.993 | 2.918 | 0.0 | 88.425 | 3.996 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.139 | 0.0 |
| 226 | 17771 | 17772 | NS | 1 | 0.0 | 25.441 | 6.192 | 0.0 | 24.58 | 6.912 | 0.0 | 164.526 | 2.219 | 0.0 | 11.775 | 3.034 | 0.0 | 1.425 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 227 | 17771 | 17772 | SN | 1 | 0.0 | 29.814 | 13.558 | 0.0 | 156.287 | 13.195 | 0.0 | 162.268 | 11.348 | 0.0 | 91.637 | 13.785 | 0.0 | 1.433 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.139 | 0.0 |
| 228 | 17771 | 17772 | NS | 1 | 0.0 | 26.003 | 10.188 | 0.0 | 29.875 | 14.292 | 0.0 | 355.147 | 9.792 | 0.0 | 36.895 | 12.634 | 0.0 | 1.406 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.128 | 0.0 |
| 229 | 17771 | 17772 | NS | 1 | 0.0 | 26.003 | 10.188 | 0.0 | 29.875 | 14.292 | 0.0 | 355.147 | 9.792 | 0.0 | 36.895 | 12.634 | 0.0 | 1.406 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.128 | 0.0 |
| 230 | 17771 | 17772 | NS | 1 | 0.0 | 25.441 | 6.058 | 0.0 | 24.58 | 6.877 | 0.0 | 250.632 | 2.115 | 0.0 | 24.641 | 3.079 | 0.0 | 1.425 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 231 | 17771 | 17772 | NS | 1 | 0.0 | 25.441 | 6.058 | 0.0 | 24.58 | 6.877 | 0.0 | 250.632 | 2.115 | 0.0 | 24.641 | 3.079 | 0.0 | 1.425 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.129 | 0.0 |
| 232 | 17771 | 17772 | SN | 1 | 0.0 | 22.126 | 6.225 | 0.0 | 162.646 | 7.604 | 0.0 | 179.993 | 2.918 | 0.0 | 88.425 | 3.996 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.139 | 0.0 |
| 233 | 17772 | 17773 | NS | 1 | 0.0 | 259.393 | 10.238 | 0.0 | 29.941 | 14.286 | 0.0 | 178.082 | 9.74 | 0.0 | 37.348 | 12.64 | 0.0 | 1.406 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.128 | 0.0 |
| 234 | 17772 | 17773 | NS | 1 | 0.0 | 141.884 | 6.057 | 0.0 | 24.575 | 6.852 | 0.0 | 348.043 | 2.106 | 0.0 | 41.065 | 3.123 | 0.0 | 1.425 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.129 | 0.0 |
| 235 | 17772 | 17773 | NS | 1 | 0.0 | 141.884 | 6.059 | 0.0 | 24.575 | 6.85 | 0.0 | 348.043 | 2.106 | 0.0 | 41.054 | 3.123 | 0.0 | 1.425 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.129 | 0.0 |
| 236 | 17772 | 17773 | SN | 1 | 0.0 | 29.257 | 13.605 | 0.0 | 27.36 | 13.269 | 0.0 | 160.288 | 11.295 | 0.0 | 64.851 | 13.798 | 0.0 | 1.432 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.137 | 0.0 |
| 237 | 17772 | 17773 | SN | 1 | 0.0 | 29.257 | 13.605 | 0.0 | 27.36 | 13.269 | 0.0 | 160.288 | 11.295 | 0.0 | 64.851 | 13.798 | 0.0 | 1.432 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.137 | 0.0 |
| 238 | 17772 | 17773 | NS | 1 | 0.0 | 259.393 | 10.45 | 0.0 | 29.858 | 13.665 | 0.0 | 178.082 | 10.699 | 0.0 | 13.44 | 11.885 | 0.0 | 1.406 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.128 | 0.0 |
| 239 | 17772 | 17773 | NS | 1 | 0.0 | 259.393 | 10.238 | 0.0 | 29.941 | 14.286 | 0.0 | 178.082 | 9.74 | 0.0 | 36.416 | 12.647 | 0.0 | 1.406 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.128 | 0.0 |
| 240 | 17772 | 17773 | NS | 1 | 0.0 | 141.884 | 6.328 | 0.0 | 24.575 | 6.945 | 0.0 | 348.043 | 2.32 | 0.0 | 11.786 | 3.212 | 0.0 | 1.425 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.129 | 0.0 |
| 241 | 17772 | 17773 | SN | 1 | 0.0 | 22.11 | 6.228 | 0.0 | 24.244 | 7.619 | 0.0 | 173.767 | 2.866 | 0.0 | 125.646 | 3.991 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 242 | 17772 | 17773 | SN | 1 | 0.0 | 22.11 | 6.228 | 0.0 | 24.244 | 7.619 | 0.0 | 173.767 | 2.866 | 0.0 | 125.646 | 3.991 | 0.0 | 1.42 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.138 | 0.0 |
| 243 | 17773 | 17774 | NS | 1 | 0.0 | 255.072 | 6.504 | 0.0 | 24.575 | 7.068 | 0.0 | 331.719 | 2.501 | 0.0 | 11.78 | 3.369 | 0.0 | 1.426 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.131 | 0.0 |
| 244 | 17773 | 17774 | SN | 1 | 0.0 | 22.104 | 6.344 | 0.0 | 24.233 | 7.595 | 0.0 | 147.201 | 2.966 | 0.0 | 76.959 | 3.815 | 0.0 | 1.421 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.139 | 0.0 |
| 245 | 17773 | 17774 | NS | 1 | 0.0 | 149.823 | 10.175 | 0.0 | 29.858 | 14.366 | 0.0 | 347.834 | 9.716 | 0.0 | 37.767 | 12.651 | 0.0 | 1.407 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 246 | 17773 | 17774 | NS | 1 | 0.0 | 149.823 | 10.215 | 0.0 | 29.864 | 14.366 | 0.0 | 347.823 | 9.723 | 0.0 | 35.892 | 12.636 | 0.0 | 1.407 | 0.0 | 0.0 | 1.776 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 247 | 17773 | 17774 | SN | 1 | 0.0 | 29.605 | 13.664 | 0.0 | 159.127 | 13.279 | 0.0 | 143.522 | 11.29 | 0.0 | 265.296 | 13.727 | 0.0 | 1.433 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.136 | 0.0 |
| 248 | 17773 | 17774 | NS | 1 | 0.0 | 149.823 | 10.481 | 0.0 | 29.858 | 13.636 | 0.0 | 347.834 | 11.303 | 0.0 | 13.605 | 11.971 | 0.0 | 1.407 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.13 | 0.0 |
| 249 | 17773 | 17774 | NS | 1 | 0.0 | 255.072 | 6.055 | 0.0 | 24.575 | 6.864 | 0.0 | 331.703 | 2.13 | 0.0 | 58.321 | 3.1 | 0.0 | 1.426 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.131 | 0.0 |
| 250 | 17773 | 17774 | NS | 1 | 0.0 | 255.072 | 6.057 | 0.0 | 24.575 | 6.86 | 0.0 | 331.719 | 2.132 | 0.0 | 58.321 | 3.104 | 0.0 | 1.426 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.131 | 0.0 |
| 251 | 17773 | 17774 | SN | 1 | 0.0 | 29.605 | 13.789 | 0.0 | 25.733 | 12.601 | 0.0 | 143.522 | 11.666 | 0.0 | 265.296 | 12.78 | 0.0 | 1.433 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.136 | 0.0 |
| 252 | 17773 | 17774 | SN | 1 | 0.0 | 22.104 | 6.234 | 0.0 | 220.349 | 7.624 | 0.0 | 147.201 | 2.848 | 0.0 | 76.959 | 3.957 | 0.0 | 1.421 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.139 | 0.0 |

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

Normal
Deviations
Alarming
High Errors