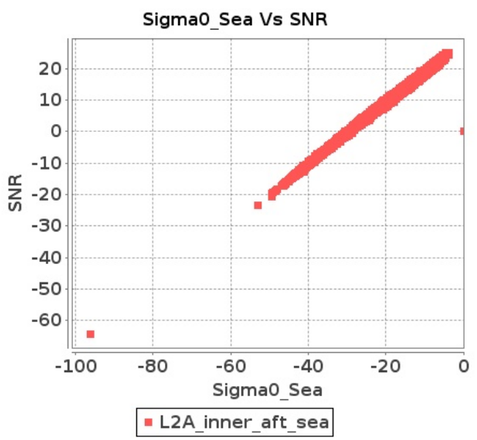
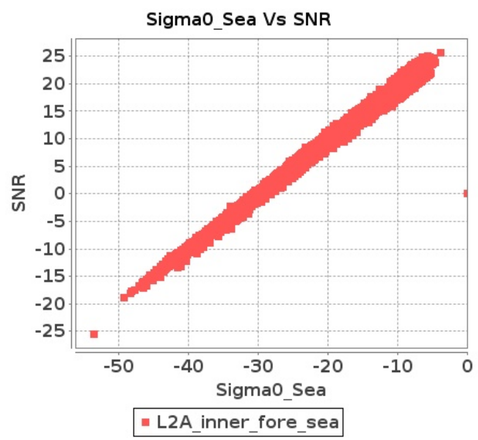
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 09-SEP-2019 To 10-SEP-2019

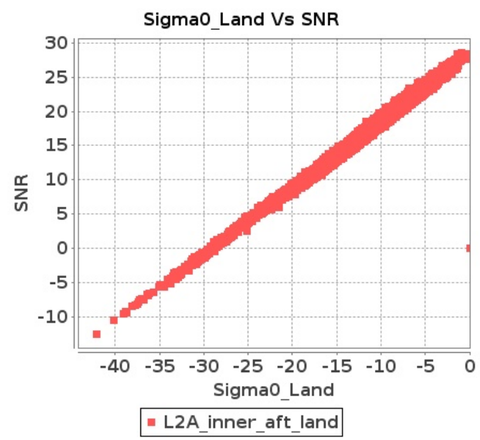
## Inner Sea Aft Sigma0VsSNR



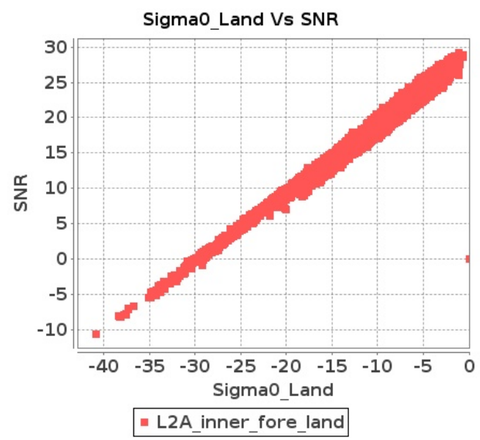

## Inner Sea Fore Sigma0VsSNR



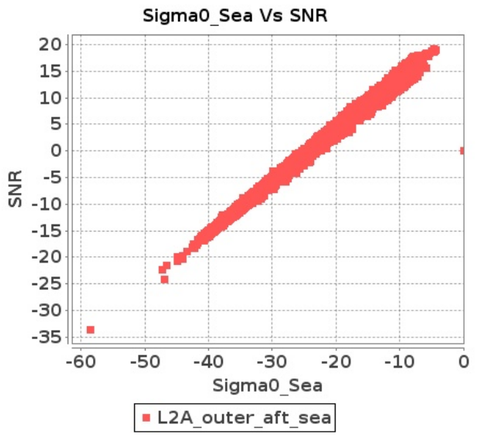

## Inner Land Aft Sigma0VsSNR



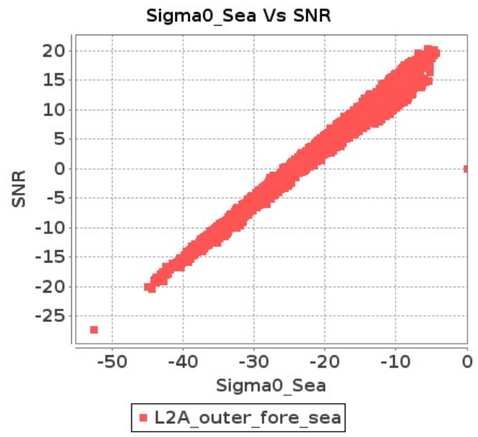

## Inner Land Fore Sigma0VsSNR



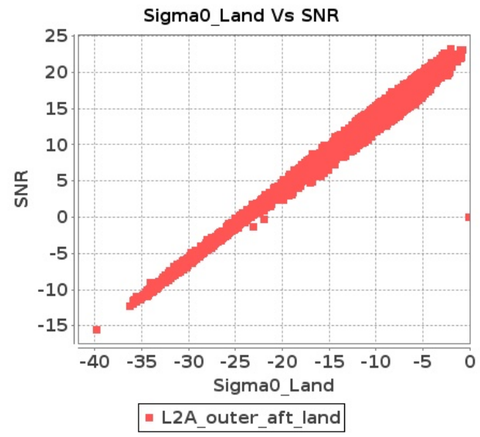

## Outer Sea Aft Sigma0VsSNR



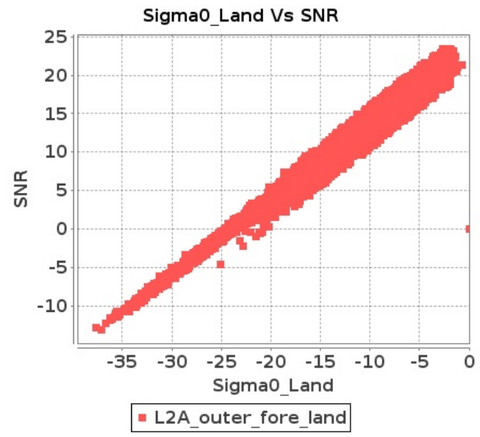

## Outer Sea Fore Sigma0VsSNR




## Outer Land Aft Sigma0VsSNR




## Outer Land Fore Sigma0VsSNR



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

Report between 09-SEP-2019 To 10-SEP-2019

| | | | | | 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 | 15628 | 15629 | NS | 1 | 0.0 | 49.374 | 11.756 | 0.0 | 61.202 | 12.699 | 0.0 | 47.32 | 8.459 | 0.0 | 50.087 | 9.884 | 0.0 | 50.774 | 12.03 | 0.0 | 57.941 | 12.364 | 0.0 | 46.236 | 8.658 | 0.0 | 49.517 | 9.699 |
| 2 | 15628 | 15629 | NS | 1 | 0.0 | 44.102 | 2.952 | 0.0 | 53.865 | 3.544 | 0.0 | 42.006 | 2.343 | 0.0 | 48.273 | 3.007 | 0.0 | 44.082 | 2.983 | 0.0 | 52.918 | 3.465 | 0.0 | 41.633 | 2.368 | 0.0 | 46.893 | 2.885 |
| 3 | 15628 | 15629 | NS | 1 | 0.0 | 54.756 | 11.756 | 0.0 | 62.664 | 12.567 | 0.0 | 44.356 | 8.317 | 0.0 | 47.508 | 9.863 | 0.0 | 54.965 | 12.091 | 0.0 | 59.402 | 12.324 | 0.0 | 44.518 | 8.473 | 0.0 | 47.812 | 9.62 |
| 4 | 15628 | 15629 | SN | 1 | 0.0 | 55.825 | 7.419 | 0.11 | 51.803 | 8.624 | 0.0 | 42.25 | 6.164 | 0.0 | 45.042 | 7.694 | 0.0 | 56.903 | 7.641 | 0.136 | 50.431 | 8.269 | 0.0 | 43.167 | 5.887 | 0.0 | 43.634 | 7.295 |
| 5 | 15628 | 15629 | SN | 1 | 0.0 | 56.527 | 1.96 | 0.0 | 50.359 | 2.52 | 0.0 | 49.478 | 1.619 | 0.0 | 42.929 | 2.226 | 0.0 | 57.74 | 1.978 | 0.0 | 49.011 | 2.361 | 0.0 | 48.341 | 1.584 | 0.0 | 42.961 | 2.067 |
| 6 | 15628 | 15629 | SN | 1 | 0.0 | 55.825 | 7.419 | 0.11 | 52.227 | 8.644 | 0.0 | 42.866 | 6.136 | 0.0 | 45.042 | 7.665 | 0.0 | 56.903 | 7.661 | 0.136 | 50.914 | 8.34 | 0.0 | 43.019 | 5.909 | 0.0 | 43.634 | 7.26 |
| 7 | 15628 | 15629 | SN | 1 | 0.0 | 56.527 | 1.93 | 0.0 | 50.359 | 2.541 | 0.0 | 49.478 | 1.613 | 0.0 | 46.345 | 2.209 | 0.0 | 57.74 | 1.959 | 0.0 | 49.011 | 2.387 | 0.0 | 48.341 | 1.6 | 0.0 | 42.722 | 2.067 |
| 8 | 15628 | 15629 | NS | 1 | 0.0 | 45.926 | 2.954 | 0.0 | 56.168 | 3.551 | 0.0 | 44.899 | 2.366 | 0.0 | 47.157 | 3.013 | 0.0 | 46.794 | 2.999 | 0.0 | 55.79 | 3.488 | 0.0 | 44.469 | 2.396 | 0.0 | 48.139 | 2.888 |
| 9 | 15628 | 15629 | SN | 1 | 0.0 | 55.825 | 7.403 | 0.11 | 47.914 | 8.472 | 0.0 | 45.106 | 6.316 | 0.0 | 45.042 | 7.803 | 0.0 | 56.903 | 7.599 | 0.136 | 46.55 | 8.089 | 0.0 | 44.979 | 6.098 | 0.0 | 43.634 | 7.271 |
| 10 | 15628 | 15629 | SN | 1 | 0.0 | 56.527 | 1.927 | 0.0 | 50.359 | 2.54 | 0.0 | 49.478 | 1.602 | 0.0 | 42.055 | 2.208 | 0.0 | 57.74 | 1.968 | 0.0 | 49.011 | 2.4 | 0.0 | 48.341 | 1.584 | 0.0 | 42.089 | 2.048 |
| 11 | 15629 | 15630 | SN | 1 | 0.0 | 43.568 | 4.463 | 0.0 | 48.964 | 5.139 | 0.0 | 50.887 | 3.443 | 0.0 | 42.006 | 4.504 | 0.0 | 45.204 | 4.514 | 0.0 | 46.595 | 5.231 | 0.0 | 50.988 | 3.457 | 0.0 | 45.288 | 4.202 |
| 12 | 15629 | 15630 | NS | 1 | 0.0 | 54.7 | 3.772 | 0.0 | 53.443 | 4.526 | 0.0 | 40.024 | 3.401 | 0.0 | 50.728 | 4.014 | 0.0 | 55.41 | 3.853 | 0.0 | 53.51 | 4.253 | 0.0 | 38.902 | 3.209 | 0.0 | 47.673 | 3.516 |
| 13 | 15629 | 15630 | NS | 1 | 0.0 | 49.179 | 0.945 | 0.0 | 48.594 | 1.244 | 0.0 | 44.187 | 0.948 | 0.0 | 47.298 | 1.39 | 0.0 | 48.621 | 0.956 | 0.0 | 49.221 | 1.131 | 0.0 | 42.785 | 0.891 | 0.0 | 46.362 | 1.18 |
| 14 | 15629 | 15630 | NS | 1 | 0.0 | 49.179 | 0.947 | 0.0 | 48.902 | 1.25 | 0.0 | 40.664 | 0.957 | 0.0 | 47.108 | 1.386 | 0.0 | 48.621 | 0.959 | 0.0 | 49.972 | 1.14 | 0.0 | 42.989 | 0.897 | 0.0 | 46.171 | 1.179 |
| 15 | 15629 | 15630 | SN | 1 | 0.0 | 41.577 | 0.987 | 0.0 | 39.207 | 1.411 | 0.0 | 40.118 | 1.113 | 0.0 | 40.833 | 1.434 | 0.0 | 42.73 | 1.035 | 0.0 | 42.126 | 1.413 | 0.0 | 39.821 | 1.129 | 0.0 | 41.837 | 1.367 |
| 16 | 15629 | 15630 | SN | 1 | 0.0 | 47.696 | 1.075 | 0.0 | 39.243 | 1.485 | 0.0 | 38.349 | 1.139 | 0.0 | 43.647 | 1.492 | 0.0 | 48.841 | 1.102 | 0.0 | 42.194 | 1.479 | 0.0 | 38.429 | 1.146 | 0.0 | 42.311 | 1.424 |
| 17 | 15629 | 15630 | SN | 1 | 0.0 | 47.696 | 1.023 | 0.0 | 39.243 | 1.444 | 0.0 | 38.349 | 1.124 | 0.0 | 43.647 | 1.464 | 0.0 | 48.841 | 1.051 | 0.0 | 42.194 | 1.45 | 0.0 | 38.429 | 1.133 | 0.0 | 42.311 | 1.39 |
| 18 | 15629 | 15630 | SN | 1 | 0.0 | 43.531 | 4.567 | 0.0 | 46.192 | 5.127 | 0.0 | 45.321 | 3.617 | 0.0 | 43.927 | 4.529 | 0.0 | 45.165 | 4.708 | 0.0 | 49.158 | 5.269 | 0.0 | 44.809 | 3.603 | 0.0 | 47.2 | 4.344 |
| 19 | 15629 | 15630 | SN | 1 | 0.0 | 43.531 | 4.402 | 0.0 | 46.192 | 5.067 | 0.0 | 45.321 | 3.557 | 0.0 | 43.927 | 4.439 | 0.0 | 45.165 | 4.545 | 0.0 | 49.158 | 5.21 | 0.0 | 44.809 | 3.529 | 0.0 | 47.2 | 4.245 |
| 20 | 15629 | 15630 | NS | 1 | 0.0 | 54.7 | 3.751 | 0.0 | 53.443 | 4.506 | 0.0 | 40.024 | 3.409 | 0.0 | 50.728 | 4.007 | 0.0 | 55.41 | 3.853 | 0.0 | 53.51 | 4.243 | 0.0 | 38.549 | 3.188 | 0.0 | 47.673 | 3.53 |
| 21 | 15630 | 15631 | SN | 1 | 0.0 | 39.858 | 1.111 | 0.0 | 42.587 | 1.44 | 0.0 | 37.943 | 1.271 | 0.0 | 40.022 | 1.832 | 0.0 | 38.549 | 1.134 | 0.0 | 41.251 | 1.408 | 0.0 | 40.863 | 1.208 | 0.0 | 40.702 | 1.733 |
| 22 | 15630 | 15631 | SN | 1 | 0.0 | 39.834 | 1.095 | 0.0 | 45.655 | 1.406 | 0.0 | 42.508 | 1.332 | 0.0 | 38.276 | 1.886 | 0.0 | 37.866 | 1.122 | 0.0 | 43.867 | 1.409 | 0.0 | 39.698 | 1.284 | 0.0 | 39.829 | 1.721 |
| 23 | 15630 | 15631 | SN | 1 | 0.0 | 47.428 | 3.7 | 0.0 | 45.895 | 5.113 | 0.0 | 40.462 | 3.943 | 0.0 | 44.937 | 5.489 | 0.0 | 49.192 | 3.792 | 0.0 | 47.961 | 5.144 | 0.0 | 39.921 | 3.885 | 0.0 | 44.967 | 5.402 |
| 24 | 15630 | 15631 | NS | 1 | 0.0 | 43.896 | 1.997 | 0.0 | 51.388 | 2.42 | 0.0 | 42.375 | 1.936 | 0.0 | 49.885 | 2.911 | 0.0 | 43.273 | 1.896 | 0.0 | 50.171 | 2.136 | 0.0 | 39.651 | 1.715 | 0.0 | 49.158 | 2.463 |
| 25 | 15630 | 15631 | SN | 1 | 0.0 | 47.689 | 3.749 | 0.0 | 45.895 | 5.259 | 0.0 | 38.921 | 3.828 | 0.0 | 45.899 | 5.583 | 0.0 | 49.453 | 3.862 | 0.0 | 47.961 | 5.127 | 0.0 | 39.69 | 3.849 | 0.0 | 49.537 | 5.334 |
| 26 | 15630 | 15631 | SN | 1 | 0.0 | 39.858 | 1.095 | 0.0 | 42.587 | 1.47 | 0.0 | 36.901 | 1.276 | 0.0 | 39.923 | 1.857 | 0.0 | 37.892 | 1.102 | 0.0 | 40.463 | 1.429 | 0.0 | 34.509 | 1.238 | 0.0 | 42.236 | 1.719 |
| 27 | 15630 | 15631 | NS | 1 | 0.0 | 50.428 | 0.543 | 0.0 | 48.194 | 0.688 | 0.0 | 36.741 | 0.643 | 0.0 | 48.033 | 1.0 | 0.0 | 52.231 | 0.522 | 0.0 | 46.932 | 0.618 | 0.0 | 34.221 | 0.575 | 0.0 | 47.815 | 0.829 |
| 28 | 15630 | 15631 | SN | 1 | 0.0 | 47.717 | 3.768 | 0.0 | 46.71 | 4.995 | 0.0 | 38.831 | 4.049 | 0.0 | 42.844 | 5.54 | 0.0 | 49.407 | 3.789 | 0.0 | 48.776 | 4.914 | 0.0 | 41.261 | 4.056 | 0.0 | 41.877 | 5.334 |
| 29 | 15631 | 15632 | NS | 1 | 0.009 | 55.513 | 2.657 | 0.0 | 53.542 | 3.526 | 0.0 | 42.385 | 2.412 | 0.0 | 46.421 | 3.105 | 0.121 | 56.004 | 2.647 | 0.0 | 54.284 | 3.202 | 0.0 | 43.459 | 2.206 | 0.0 | 42.324 | 2.684 |
| 30 | 15631 | 15632 | SN | 1 | 0.0 | 47.131 | 1.341 | 0.0 | 44.421 | 1.873 | 0.0 | 41.993 | 1.648 | 0.0 | 46.34 | 2.417 | 0.0 | 47.661 | 1.406 | 0.0 | 45.304 | 1.78 | 0.0 | 40.277 | 1.625 | 0.0 | 42.083 | 2.172 |
| 31 | 15631 | 15632 | SN | 1 | 0.0 | 47.73 | 1.745 | 0.0 | 42.196 | 1.451 | 0.0 | 34.789 | 1.81 | 0.0 | 36.028 | 1.431 | 0.0 | 48.291 | 1.844 | 0.0 | 43.079 | 1.4 | 0.0 | 32.816 | 1.766 | 0.0 | 36.399 | 1.406 |

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

Normal  Deviations

Alarming  High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 15631 | 15632 | SN | 1 | 0.0 | 40.323 | 1.658 | 0.0 | 47.213 | 1.124 | 0.0 | 38.166 | 1.822 | 0.0 | 37.866 | 1.409 | 0.0 | 40.853 | 1.68 | 0.0 | 48.095 | 1.056 | 0.0 | 36.85 | 1.913 | 0.0 | 37.143 | 1.216 |
| 33 | 15631 | 15632 | SN | 1 | 0.0 | 48.652 | 6.661 | 0.0 | 52.682 | 5.181 | 0.0 | 37.849 | 5.28 | 0.0 | 41.388 | 4.506 | 0.0 | 49.032 | 6.702 | 0.0 | 53.595 | 5.139 | 0.0 | 37.602 | 5.598 | 0.0 | 41.655 | 4.208 |
| 34 | 15631 | 15632 | SN | 1 | 0.0 | 43.977 | 7.047 | 0.0 | 48.413 | 4.363 | 0.0 | 38.081 | 5.922 | 0.0 | 44.221 | 4.386 | 0.0 | 44.569 | 6.985 | 0.0 | 49.386 | 4.211 | 0.0 | 39.018 | 6.309 | 0.0 | 45.995 | 3.992 |
| 35 | 15631 | 15632 | SN | 1 | 0.0 | 48.358 | 5.274 | 0.0 | 48.681 | 6.058 | 0.0 | 43.547 | 4.977 | 0.0 | 45.084 | 6.938 | 0.0 | 48.58 | 5.204 | 0.0 | 49.0 | 5.997 | 0.0 | 43.212 | 5.019 | 0.0 | 42.612 | 6.682 |
| 36 | 15631 | 15632 | NS | 1 | 0.0 | 57.77 | 2.74 | 0.0 | 53.693 | 3.789 | 0.0 | 45.366 | 2.409 | 0.0 | 42.498 | 2.329 | 0.0 | 57.203 | 2.729 | 0.0 | 54.284 | 3.383 | 0.0 | 46.524 | 2.211 | 0.0 | 41.814 | 2.071 |
| 37 | 15631 | 15632 | NS | 1 | 0.0 | 40.644 | 0.707 | 0.0 | 51.575 | 1.038 | 0.0 | 39.182 | 0.623 | 0.0 | 43.59 | 0.751 | 0.0 | 40.507 | 0.697 | 0.0 | 48.817 | 0.93 | 0.0 | 39.196 | 0.573 | 0.0 | 42.17 | 0.668 |
| 38 | 15631 | 15632 | NS | 1 | 0.0 | 46.152 | 0.633 | 0.0 | 49.099 | 0.989 | 0.0 | 41.079 | 0.622 | 0.0 | 44.062 | 0.863 | 0.0 | 46.784 | 0.626 | 0.0 | 47.009 | 0.881 | 0.0 | 42.129 | 0.551 | 0.0 | 44.573 | 0.707 |
| 39 | 15632 | 15633 | NS | 1 | 0.0 | 49.236 | 4.593 | 0.0 | 49.205 | 5.31 | 0.0 | 47.75 | 4.896 | 0.0 | 45.425 | 5.96 | 0.0 | 49.504 | 4.685 | 0.0 | 50.587 | 5.269 | 0.0 | 48.483 | 5.01 | 0.0 | 44.4 | 5.953 |
| 40 | 15632 | 15633 | NS | 1 | 0.0 | 49.181 | 1.463 | 0.0 | 44.136 | 1.788 | 0.0 | 43.454 | 1.458 | 0.0 | 43.485 | 1.872 | 0.0 | 49.527 | 1.499 | 0.0 | 45.828 | 1.705 | 0.0 | 41.696 | 1.46 | 0.0 | 41.324 | 1.828 |
| 41 | 15632 | 15633 | SN | 1 | 0.0 | 42.676 | 5.034 | 0.0 | 46.119 | 6.738 | 0.0 | 39.879 | 5.478 | 0.0 | 39.365 | 7.016 | 0.0 | 44.438 | 5.176 | 0.0 | 44.993 | 6.303 | 0.0 | 41.461 | 5.69 | 0.0 | 42.008 | 7.109 |
| 42 | 15632 | 15633 | SN | 1 | 0.0 | 42.676 | 5.034 | 0.0 | 46.119 | 6.738 | 0.0 | 39.879 | 5.485 | 0.0 | 45.768 | 7.016 | 0.0 | 44.375 | 5.176 | 0.0 | 44.993 | 6.303 | 0.0 | 41.463 | 5.69 | 0.0 | 46.695 | 7.116 |
| 43 | 15632 | 15633 | NS | 1 | 0.0 | 48.638 | 4.673 | 0.0 | 48.106 | 5.499 | 0.0 | 41.415 | 4.838 | 0.0 | 45.008 | 5.981 | 0.0 | 48.632 | 4.885 | 0.0 | 51.884 | 5.317 | 0.0 | 39.393 | 4.945 | 0.0 | 48.54 | 5.661 |
| 44 | 15632 | 15633 | SN | 1 | 0.0 | 47.422 | 5.215 | 0.0 | 44.772 | 7.007 | 0.0 | 40.423 | 5.668 | 0.0 | 42.853 | 7.226 | 0.0 | 47.765 | 5.33 | 0.0 | 43.358 | 6.576 | 0.0 | 41.819 | 5.896 | 0.0 | 41.974 | 7.44 |
| 45 | 15632 | 15633 | NS | 1 | 0.0 | 48.092 | 1.329 | 0.0 | 41.865 | 1.789 | 0.0 | 43.48 | 1.429 | 0.0 | 46.104 | 1.899 | 0.0 | 49.527 | 1.388 | 0.0 | 42.1 | 1.776 | 0.0 | 43.95 | 1.402 | 0.0 | 40.919 | 1.8 |
| 46 | 15632 | 15633 | SN | 1 | 0.0 | 46.685 | 1.546 | 0.0 | 44.858 | 2.268 | 0.0 | 36.237 | 1.779 | 0.0 | 37.329 | 2.623 | 0.0 | 47.322 | 1.605 | 0.0 | 47.581 | 2.218 | 0.0 | 37.701 | 1.802 | 0.0 | 40.562 | 2.53 |
| 47 | 15632 | 15633 | SN | 1 | 0.0 | 46.685 | 1.546 | 0.0 | 44.17 | 2.266 | 0.0 | 36.048 | 1.777 | 0.0 | 37.048 | 2.615 | 0.0 | 47.322 | 1.607 | 0.0 | 46.893 | 2.221 | 0.0 | 37.39 | 1.802 | 0.0 | 39.332 | 2.525 |
| 48 | 15632 | 15633 | SN | 1 | 0.0 | 46.685 | 1.583 | 0.0 | 47.505 | 2.337 | 0.0 | 39.271 | 1.876 | 0.0 | 37.173 | 2.709 | 0.0 | 47.322 | 1.63 | 0.0 | 44.817 | 2.293 | 0.0 | 41.819 | 1.867 | 0.0 | 36.73 | 2.635 |
| 49 | 15633 | 15634 | NS | 1 | 0.0 | 47.12 | 4.491 | 0.0 | 52.596 | 5.534 | 0.0 | 47.618 | 4.297 | 0.0 | 47.781 | 5.811 | 0.0 | 48.446 | 4.603 | 0.0 | 52.101 | 5.351 | 0.0 | 45.649 | 4.19 | 0.0 | 52.684 | 5.106 |
| 50 | 15633 | 15634 | SN | 1 | 0.0 | 44.786 | 1.44 | 0.0 | 47.344 | 2.134 | 0.0 | 34.928 | 1.419 | 0.0 | 48.245 | 2.101 | 0.0 | 43.453 | 1.425 | 0.0 | 49.077 | 1.991 | 0.0 | 35.861 | 1.372 | 0.0 | 46.131 | 1.907 |
| 51 | 15633 | 15634 | SN | 1 | 0.0 | 44.786 | 1.452 | 0.0 | 47.344 | 2.129 | 0.0 | 37.425 | 1.409 | 0.0 | 46.393 | 2.108 | 0.0 | 43.453 | 1.434 | 0.0 | 49.077 | 1.987 | 0.0 | 36.589 | 1.372 | 0.0 | 44.278 | 1.907 |
| 52 | 15633 | 15634 | SN | 1 | 0.0 | 51.538 | 4.4 | 0.039 | 47.849 | 6.139 | 0.0 | 44.055 | 4.991 | 0.0 | 42.626 | 6.677 | 0.0 | 50.1 | 4.485 | 0.028 | 48.556 | 5.691 | 0.0 | 43.482 | 4.961 | 0.0 | 41.015 | 6.4 |
| 53 | 15633 | 15634 | NS | 1 | 0.0 | 50.137 | 4.563 | 0.0 | 52.48 | 5.554 | 0.0 | 44.968 | 4.326 | 0.0 | 47.951 | 5.818 | 0.0 | 50.137 | 4.633 | 0.0 | 52.161 | 5.361 | 0.0 | 45.776 | 4.247 | 0.0 | 46.71 | 5.163 |
| 54 | 15633 | 15634 | SN | 1 | 0.0 | 51.538 | 4.317 | 0.039 | 47.849 | 5.97 | 0.0 | 44.055 | 4.837 | 0.0 | 42.795 | 6.492 | 0.0 | 50.1 | 4.387 | 0.028 | 48.556 | 5.504 | 0.0 | 43.482 | 4.802 | 0.0 | 42.296 | 6.257 |
| 55 | 15633 | 15634 | SN | 1 | 0.0 | 51.538 | 4.307 | 0.039 | 47.849 | 5.99 | 0.0 | 45.465 | 4.851 | 0.0 | 43.169 | 6.492 | 0.0 | 50.1 | 4.367 | 0.028 | 48.556 | 5.504 | 0.0 | 44.89 | 4.823 | 0.0 | 42.021 | 6.228 |
| 56 | 15633 | 15634 | SN | 1 | 0.0 | 44.786 | 1.49 | 0.0 | 47.344 | 2.212 | 0.0 | 34.928 | 1.469 | 0.0 | 39.266 | 2.171 | 0.0 | 43.453 | 1.488 | 0.0 | 49.077 | 2.071 | 0.0 | 35.861 | 1.435 | 0.0 | 38.911 | 1.971 |
| 57 | 15633 | 15634 | NS | 1 | 0.0 | 54.065 | 1.286 | 0.0 | 50.545 | 1.735 | 0.0 | 37.711 | 1.182 | 0.0 | 41.843 | 1.825 | 0.0 | 55.027 | 1.295 | 0.0 | 48.789 | 1.617 | 0.0 | 39.516 | 1.106 | 0.0 | 39.518 | 1.544 |
| 58 | 15633 | 15634 | NS | 1 | 0.0 | 54.861 | 1.295 | 0.0 | 46.198 | 1.739 | 0.0 | 36.263 | 1.211 | 0.0 | 47.847 | 1.818 | 0.0 | 56.232 | 1.297 | 0.0 | 44.327 | 1.636 | 0.0 | 37.324 | 1.081 | 0.0 | 46.642 | 1.559 |
| 59 | 15634 | 15635 | SN | 1 | 0.0 | 47.016 | 4.699 | 0.0 | 48.186 | 5.869 | 0.0 | 45.001 | 3.95 | 0.0 | 50.032 | 5.113 | 0.0 | 47.199 | 4.689 | 0.0 | 51.747 | 5.554 | 0.0 | 42.846 | 3.801 | 0.0 | 52.769 | 4.586 |
| 60 | 15634 | 15635 | SN | 1 | 0.0 | 41.857 | 1.192 | 0.0 | 50.559 | 1.732 | 0.0 | 42.736 | 1.192 | 0.0 | 41.989 | 1.508 | 0.0 | 42.159 | 1.215 | 0.0 | 53.02 | 1.635 | 0.0 | 40.586 | 1.123 | 0.0 | 40.809 | 1.351 |
| 61 | 15634 | 15635 | SN | 1 | 0.0 | 44.708 | 1.176 | 0.0 | 54.518 | 1.734 | 0.0 | 45.593 | 1.233 | 0.0 | 40.2 | 1.476 | 0.0 | 44.128 | 1.199 | 0.0 | 58.258 | 1.632 | 0.0 | 42.338 | 1.134 | 0.0 | 40.023 | 1.33 |
| 62 | 15634 | 15635 | SN | 1 | 0.0 | 47.114 | 4.639 | 0.0 | 48.673 | 5.95 | 0.0 | 44.823 | 3.978 | 0.0 | 47.742 | 5.141 | 0.0 | 47.192 | 4.669 | 0.0 | 50.941 | 5.676 | 0.0 | 43.235 | 3.83 | 0.0 | 49.944 | 4.607 |
| 63 | 15634 | 15635 | NS | 1 | 0.0 | 44.244 | 1.097 | 0.0 | 43.751 | 1.661 | 0.0 | 41.034 | 1.318 | 0.0 | 40.027 | 1.643 | 0.0 | 44.754 | 1.106 | 0.0 | 45.404 | 1.58 | 0.0 | 42.883 | 1.22 | 0.0 | 39.437 | 1.443 |
| 64 | 15634 | 15635 | NS | 1 | 0.0 | 51.365 | 3.945 | 0.0 | 53.105 | 5.823 | 0.0 | 41.011 | 4.177 | 0.0 | 38.064 | 4.99 | 0.0 | 52.278 | 4.097 | 0.0 | 52.668 | 5.306 | 0.0 | 40.636 | 4.198 | 0.0 | 40.782 | 4.605 |
| 65 | 15634 | 15635 | NS | 1 | 0.0 | 51.365 | 3.965 | 0.0 | 53.105 | 5.813 | 0.0 | 41.918 | 4.17 | 0.0 | 40.07 | 5.04 | 0.0 | 52.278 | 4.077 | 0.0 | 52.669 | 5.337 | 0.0 | 41.542 | 4.148 | 0.0 | 40.874 | 4.591 |
| 66 | 15634 | 15635 | SN | 1 | 0.0 | 48.172 | 4.613 | 0.0 | 48.186 | 5.809 | 0.0 | 42.273 | 4.19 | 0.0 | 50.032 | 5.054 | 0.0 | 48.38 | 4.602 | 0.0 | 51.747 | 5.514 | 0.0 | 42.846 | 4.029 | 0.0 | 52.769 | 4.616 |
| 67 | 15634 | 15635 | NS | 1 | 0.0 | 44.244 | 1.092 | 0.0 | 42.996 | 1.661 | 0.0 | 40.319 | 1.316 | 0.0 | 40.092 | 1.656 | 0.0 | 44.755 | 1.097 | 0.0 | 44.649 | 1.555 | 0.0 | 43.173 | 1.217 | 0.0 | 39.502 | 1.452 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 15634 | 15635 | SN | 1 | 0.0 | 48.172 | 1.206 | 0.0 | 54.518 | 1.747 | 0.0 | 45.593 | 1.29 | 0.0 | 40.27 | 1.486 | 0.0 | 47.938 | 1.231 | 0.0 | 58.258 | 1.671 | 0.0 | 42.338 | 1.177 | 0.0 | 40.023 | 1.35 |
| 69 | 15635 | 15636 | NS | 1 | 0.0 | 50.104 | 4.411 | 0.0 | 45.035 | 5.104 | 0.0 | 48.744 | 4.007 | 0.0 | 47.925 | 5.204 | 0.0 | 51.033 | 4.371 | 0.0 | 47.684 | 4.668 | 0.0 | 46.372 | 3.907 | 0.0 | 45.898 | 4.691 |
| 70 | 15635 | 15636 | NS | 1 | 0.0 | 41.837 | 1.176 | 0.0 | 45.555 | 1.463 | 0.0 | 36.703 | 1.231 | 0.0 | 45.426 | 1.778 | 0.0 | 42.592 | 1.158 | 0.0 | 44.235 | 1.354 | 0.0 | 36.589 | 1.138 | 0.0 | 44.425 | 1.512 |
| 71 | 15635 | 15636 | NS | 1 | 0.0 | 41.78 | 1.16 | 0.0 | 45.715 | 1.469 | 0.0 | 36.778 | 1.234 | 0.0 | 45.367 | 1.788 | 0.0 | 42.534 | 1.149 | 0.0 | 44.514 | 1.361 | 0.0 | 36.534 | 1.153 | 0.0 | 41.409 | 1.514 |
| 72 | 15635 | 15636 | SN | 1 | 0.0 | 50.595 | 4.467 | 0.0 | 53.839 | 5.848 | 0.0 | 40.906 | 3.738 | 0.0 | 47.108 | 5.099 | 0.0 | 49.456 | 4.437 | 0.0 | 54.75 | 5.523 | 0.0 | 41.463 | 3.787 | 0.0 | 43.903 | 4.743 |
| 73 | 15635 | 15636 | SN | 1 | 0.0 | 48.169 | 1.129 | 0.0 | 43.97 | 1.573 | 0.0 | 42.878 | 1.109 | 0.0 | 45.275 | 1.555 | 0.0 | 47.734 | 1.154 | 0.0 | 42.903 | 1.45 | 0.0 | 41.379 | 1.048 | 0.0 | 41.6 | 1.402 |
| 74 | 15635 | 15636 | SN | 1 | 0.0 | 46.155 | 4.388 | 0.0 | 53.839 | 5.695 | 0.0 | 40.906 | 3.698 | 0.0 | 47.108 | 5.062 | 0.0 | 45.128 | 4.365 | 0.0 | 54.75 | 5.425 | 0.0 | 40.717 | 3.801 | 0.0 | 43.903 | 4.793 |
| 75 | 15635 | 15636 | SN | 1 | 0.0 | 50.409 | 1.122 | 0.0 | 44.291 | 1.494 | 0.0 | 44.499 | 1.046 | 0.0 | 43.686 | 1.545 | 0.0 | 50.677 | 1.165 | 0.0 | 43.222 | 1.401 | 0.0 | 43.0 | 1.033 | 0.0 | 40.173 | 1.405 |
| 76 | 15635 | 15636 | SN | 1 | 0.0 | 52.552 | 4.426 | 0.0 | 53.859 | 5.878 | 0.0 | 41.989 | 3.851 | 0.0 | 47.717 | 5.184 | 0.0 | 51.53 | 4.416 | 0.0 | 54.773 | 5.574 | 0.0 | 42.642 | 3.922 | 0.0 | 45.16 | 4.857 |
| 77 | 15635 | 15636 | SN | 1 | 0.0 | 48.169 | 1.134 | 0.0 | 43.97 | 1.548 | 0.0 | 43.028 | 1.072 | 0.0 | 45.275 | 1.534 | 0.0 | 47.734 | 1.163 | 0.0 | 42.903 | 1.428 | 0.0 | 41.379 | 1.016 | 0.0 | 41.6 | 1.344 |
| 78 | 15635 | 15636 | NS | 1 | 0.0 | 50.316 | 4.391 | 0.0 | 45.052 | 5.104 | 0.0 | 44.733 | 4.035 | 0.0 | 43.955 | 5.239 | 0.0 | 51.242 | 4.34 | 0.0 | 47.7 | 4.668 | 0.0 | 42.361 | 3.871 | 0.0 | 42.293 | 4.655 |
| 79 | 15636 | 15637 | NS | 1 | 0.0 | 49.54 | 1.745 | 0.0 | 46.885 | 2.195 | 0.0 | 42.538 | 1.474 | 0.0 | 42.628 | 2.244 | 0.0 | 49.237 | 1.739 | 0.0 | 47.723 | 2.064 | 0.0 | 41.303 | 1.446 | 0.0 | 42.788 | 1.982 |
| 80 | 15636 | 15637 | NS | 1 | 0.144 | 52.248 | 6.845 | 0.0 | 51.842 | 8.208 | 0.0 | 44.574 | 5.308 | 0.0 | 46.472 | 7.327 | 0.364 | 53.189 | 6.825 | 0.0 | 51.151 | 7.772 | 0.0 | 44.6 | 5.252 | 0.0 | 45.632 | 6.779 |
| 81 | 15636 | 15637 | SN | 1 | 0.0 | 47.632 | 2.93 | 0.0 | 54.058 | 4.073 | 0.0 | 37.838 | 2.531 | 0.0 | 43.471 | 3.85 | 0.0 | 49.579 | 2.92 | 0.0 | 53.517 | 3.729 | 0.0 | 35.627 | 2.375 | 0.0 | 38.709 | 3.031 |
| 82 | 15636 | 15637 | NS | 1 | 0.0 | 49.54 | 1.745 | 0.0 | 46.885 | 2.197 | 0.0 | 42.538 | 1.477 | 0.0 | 42.628 | 2.228 | 0.0 | 49.237 | 1.739 | 0.0 | 47.723 | 2.059 | 0.0 | 41.303 | 1.454 | 0.0 | 42.788 | 1.973 |
| 83 | 15636 | 15637 | SN | 1 | 0.0 | 47.632 | 2.93 | 0.0 | 54.058 | 4.073 | 0.0 | 37.838 | 2.531 | 0.0 | 43.471 | 3.85 | 0.0 | 49.579 | 2.92 | 0.0 | 53.517 | 3.729 | 0.0 | 35.627 | 2.375 | 0.0 | 38.709 | 3.031 |
| 84 | 15636 | 15637 | NS | 1 | 0.15 | 52.248 | 6.845 | 0.0 | 51.842 | 8.218 | 0.0 | 44.574 | 5.337 | 0.0 | 46.472 | 7.384 | 0.364 | 53.189 | 6.835 | 0.0 | 51.151 | 7.752 | 0.0 | 44.6 | 5.266 | 0.0 | 45.632 | 6.793 |
| 85 | 15636 | 15637 | SN | 1 | 0.0 | 43.016 | 0.566 | 0.0 | 38.8 | 0.969 | 0.0 | 41.419 | 0.794 | 0.0 | 43.188 | 1.255 | 0.0 | 42.793 | 0.541 | 0.0 | 37.957 | 0.8 | 0.0 | 42.408 | 0.736 | 0.0 | 38.866 | 0.995 |
| 86 | 15636 | 15637 | SN | 1 | 0.0 | 43.016 | 0.566 | 0.0 | 38.8 | 0.969 | 0.0 | 41.419 | 0.794 | 0.0 | 43.188 | 1.255 | 0.0 | 42.793 | 0.541 | 0.0 | 37.957 | 0.8 | 0.0 | 42.408 | 0.736 | 0.0 | 38.866 | 0.995 |
| 87 | 15637 | 15638 | NS | 1 | 0.0 | 43.364 | 1.428 | 0.0 | 46.051 | 1.74 | 0.0 | 38.477 | 1.186 | 0.0 | 44.697 | 1.699 | 0.0 | 43.039 | 1.408 | 0.0 | 47.92 | 1.701 | 0.0 | 37.712 | 1.22 | 0.0 | 45.019 | 1.566 |
| 88 | 15637 | 15638 | SN | 1 | 0.0 | 43.038 | 0.563 | 0.0 | 38.243 | 0.814 | 0.0 | 34.673 | 0.707 | 0.0 | 40.697 | 1.003 | 0.0 | 42.071 | 0.565 | 0.0 | 36.402 | 0.676 | 0.0 | 36.445 | 0.629 | 0.0 | 38.279 | 0.797 |
| 89 | 15637 | 15638 | NS | 1 | 0.0 | 46.594 | 5.351 | 0.0 | 51.849 | 6.156 | 0.0 | 44.855 | 4.582 | 0.0 | 46.153 | 5.69 | 0.0 | 47.098 | 5.25 | 0.0 | 52.386 | 5.873 | 0.0 | 45.836 | 4.439 | 0.0 | 44.44 | 5.228 |
| 90 | 15637 | 15638 | NS | 1 | 0.0 | 47.18 | 5.209 | 0.0 | 51.849 | 6.177 | 0.0 | 44.855 | 4.539 | 0.0 | 46.153 | 5.633 | 0.0 | 47.687 | 5.128 | 0.0 | 52.386 | 5.873 | 0.0 | 45.836 | 4.382 | 0.0 | 44.44 | 5.327 |
| 91 | 15637 | 15638 | SN | 1 | 0.0 | 50.33 | 2.575 | 0.063 | 42.363 | 3.142 | 0.0 | 40.802 | 2.665 | 0.0 | 46.085 | 3.638 | 0.0 | 50.721 | 2.575 | 0.002 | 40.994 | 2.868 | 0.0 | 40.136 | 2.375 | 0.0 | 44.301 | 3.004 |
| 92 | 15637 | 15638 | NS | 1 | 0.0 | 47.293 | 1.431 | 0.0 | 45.425 | 1.735 | 0.0 | 38.477 | 1.225 | 0.0 | 44.281 | 1.697 | 0.0 | 46.375 | 1.426 | 0.0 | 48.017 | 1.681 | 0.0 | 37.062 | 1.264 | 0.0 | 40.526 | 1.564 |
| 93 | 15638 | 15639 | NS | 1 | 0.0 | 46.235 | 1.173 | 0.0 | 41.786 | 1.432 | 0.0 | 39.704 | 1.211 | 0.0 | 44.687 | 1.951 | 0.0 | 44.841 | 1.135 | 0.0 | 44.165 | 1.319 | 0.0 | 40.168 | 1.191 | 0.0 | 43.521 | 1.642 |
| 94 | 15638 | 15639 | SN | 1 | 0.0 | 54.348 | 3.76 | 0.0 | 50.486 | 4.338 | 0.0 | 40.776 | 3.759 | 0.0 | 49.546 | 4.627 | 0.0 | 54.297 | 3.75 | 0.0 | 50.499 | 3.942 | 0.0 | 40.757 | 3.646 | 0.0 | 48.873 | 3.901 |
| 95 | 15638 | 15639 | NS | 1 | 0.0 | 46.235 | 1.18 | 0.0 | 41.786 | 1.44 | 0.0 | 39.704 | 1.218 | 0.0 | 44.687 | 1.961 | 0.0 | 44.841 | 1.141 | 0.0 | 44.165 | 1.326 | 0.0 | 40.168 | 1.198 | 0.0 | 43.521 | 1.651 |
| 96 | 15638 | 15639 | SN | 1 | 0.0 | 50.225 | 1.111 | 0.0 | 48.246 | 1.275 | 0.0 | 44.786 | 1.03 | 0.0 | 45.107 | 1.344 | 0.0 | 50.061 | 1.111 | 0.0 | 49.035 | 1.155 | 0.0 | 44.299 | 0.956 | 0.0 | 41.469 | 1.133 |
| 97 | 15638 | 15639 | NS | 1 | 0.0 | 52.561 | 4.055 | 0.0 | 48.944 | 5.463 | 0.0 | 43.458 | 4.112 | 0.0 | 48.044 | 5.334 | 0.0 | 54.541 | 4.105 | 0.0 | 50.768 | 5.128 | 0.0 | 43.265 | 3.984 | 0.0 | 51.355 | 4.792 |
| 98 | 15638 | 15639 | NS | 1 | 0.0 | 52.561 | 4.078 | 0.0 | 48.944 | 5.477 | 0.0 | 43.458 | 4.13 | 0.0 | 48.044 | 5.347 | 0.0 | 54.541 | 4.129 | 0.0 | 50.768 | 5.142 | 0.0 | 43.265 | 4.001 | 0.0 | 51.355 | 4.805 |
| 99 | 15639 | 15640 | NS | 1 | 0.0 | 51.07 | 4.32 | 0.0 | 49.125 | 5.327 | 0.0 | 44.54 | 4.483 | 0.0 | 45.046 | 5.018 | 0.0 | 51.82 | 4.472 | 0.0 | 49.401 | 5.185 | 0.0 | 47.176 | 4.39 | 0.0 | 40.691 | 4.477 |
| 100 | 15639 | 15640 | SN | 1 | 0.0 | 57.015 | 4.941 | 0.0 | 50.265 | 7.358 | 0.0 | 45.075 | 4.446 | 0.0 | 45.664 | 7.192 | 0.0 | 56.826 | 5.053 | 0.0 | 48.297 | 7.216 | 0.0 | 47.06 | 4.51 | 0.0 | 47.354 | 6.758 |
| 101 | 15639 | 15640 | NS | 1 | 0.0 | 51.07 | 4.494 | 0.0 | 49.125 | 5.501 | 0.0 | 44.54 | 4.602 | 0.0 | 45.046 | 5.163 | 0.0 | 51.82 | 4.641 | 0.0 | 49.401 | 5.355 | 0.0 | 47.176 | 4.55 | 0.0 | 40.691 | 4.619 |
| 102 | 15639 | 15640 | SN | 1 | 0.0 | 44.968 | 1.262 | 0.0 | 41.771 | 2.148 | 0.0 | 41.382 | 1.276 | 0.0 | 41.255 | 2.067 | 0.0 | 44.759 | 1.253 | 0.0 | 43.066 | 2.076 | 0.0 | 42.317 | 1.207 | 0.0 | 40.696 | 1.975 |
| 103 | 15639 | 15640 | NS | 1 | 0.0 | 40.435 | 1.223 | 0.0 | 53.023 | 1.731 | 0.0 | 38.474 | 1.384 | 0.0 | 45.816 | 1.769 | 0.0 | 41.128 | 1.187 | 0.0 | 50.482 | 1.655 | 0.0 | 39.513 | 1.241 | 0.0 | 42.905 | 1.448 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104 | 15639 | 15640 | NS | 1 | 0.0 | 40.435 | 1.263 | 0.0 | 53.023 | 1.788 | 0.0 | 38.474 | 1.442 | 0.0 | 45.816 | 1.827 | 0.0 | 41.128 | 1.226 | 0.0 | 50.482 | 1.709 | 0.0 | 39.513 | 1.293 | 0.0 | 42.905 | 1.498 |
| 105 | 15640 | 15641 | NS | 1 | 0.0 | 46.15 | 6.789 | 0.0 | 49.943 | 8.474 | 0.0 | 41.271 | 7.505 | 0.0 | 42.479 | 9.177 | 0.0 | 45.492 | 6.789 | 0.0 | 49.692 | 8.256 | 0.0 | 42.88 | 7.65 | 0.0 | 42.183 | 9.36 |
| 106 | 15640 | 15641 | SN | 1 | 0.0 | 39.763 | 0.942 | 0.0 | 42.855 | 1.379 | 0.0 | 37.874 | 1.325 | 0.0 | 40.703 | 1.739 | 0.0 | 40.592 | 0.933 | 0.0 | 43.205 | 1.253 | 0.0 | 36.852 | 1.162 | 0.0 | 36.19 | 1.481 |
| 107 | 15640 | 15641 | NS | 1 | 0.0 | 44.998 | 2.256 | 0.0 | 51.119 | 2.705 | 0.0 | 37.044 | 2.079 | 0.0 | 42.575 | 2.87 | 0.0 | 42.531 | 2.312 | 0.0 | 49.728 | 2.717 | 0.0 | 37.167 | 2.145 | 0.0 | 43.65 | 2.835 |
| 108 | 15640 | 15641 | NS | 1 | 0.486 | 46.15 | 6.327 | 0.0 | 49.943 | 7.883 | 0.0 | 41.271 | 7.014 | 0.0 | 42.479 | 8.558 | 0.032 | 45.492 | 6.327 | 0.0 | 49.692 | 7.671 | 0.0 | 42.88 | 7.135 | 0.0 | 42.183 | 8.714 |
| 109 | 15640 | 15641 | SN | 1 | 0.0 | 43.684 | 3.688 | 0.0 | 45.242 | 5.007 | 0.0 | 42.541 | 4.063 | 0.0 | 41.52 | 5.519 | 0.0 | 43.32 | 3.698 | 0.0 | 45.929 | 4.743 | 0.0 | 41.977 | 3.858 | 0.0 | 42.468 | 4.678 |
| 110 | 15640 | 15641 | NS | 1 | 0.0 | 44.998 | 2.422 | 0.0 | 51.119 | 2.9 | 0.0 | 37.044 | 2.232 | 0.0 | 42.575 | 3.078 | 0.0 | 42.531 | 2.482 | 0.0 | 49.728 | 2.909 | 0.0 | 37.167 | 2.302 | 0.0 | 43.65 | 3.038 |
| 111 | 15641 | 15642 | NS | 1 | 0.0 | 43.135 | 1.535 | 0.0 | 60.78 | 2.005 | 0.0 | 42.143 | 1.566 | 0.0 | 46.176 | 2.347 | 0.0 | 44.482 | 1.517 | 0.0 | 59.906 | 1.917 | 0.0 | 42.79 | 1.573 | 0.0 | 43.701 | 2.303 |
| 112 | 15641 | 15642 | NS | 1 | 0.0 | 45.96 | 6.93 | 0.0 | 50.182 | 8.023 | 0.0 | 40.75 | 5.784 | 0.0 | 49.174 | 7.821 | 0.0 | 47.234 | 6.965 | 0.0 | 51.182 | 8.046 | 0.0 | 40.117 | 5.768 | 0.0 | 46.443 | 7.733 |
| 113 | 15641 | 15642 | SN | 1 | 0.0 | 48.707 | 5.5 | 0.291 | 51.017 | 7.284 | 0.0 | 39.203 | 4.524 | 0.0 | 47.386 | 6.267 | 0.0 | 50.339 | 5.578 | 0.227 | 52.648 | 6.807 | 0.0 | 38.413 | 4.47 | 0.0 | 46.373 | 5.784 |
| 114 | 15641 | 15642 | SN | 1 | 0.0 | 48.689 | 5.499 | 0.0 | 51.017 | 7.856 | 0.0 | 45.76 | 4.532 | 0.0 | 40.712 | 6.798 | 0.0 | 50.32 | 5.576 | 0.0 | 52.648 | 7.332 | 0.0 | 43.859 | 4.47 | 0.0 | 44.128 | 6.217 |
| 115 | 15641 | 15642 | NS | 1 | 0.234 | 45.96 | 6.154 | 0.0 | 50.182 | 7.064 | 0.0 | 40.75 | 5.159 | 0.0 | 49.174 | 6.896 | 0.464 | 47.234 | 6.184 | 0.0 | 51.182 | 7.105 | 0.0 | 40.118 | 5.144 | 0.0 | 46.443 | 6.832 |
| 116 | 15641 | 15642 | NS | 1 | 0.0 | 43.135 | 1.733 | 0.0 | 60.78 | 2.268 | 0.0 | 42.143 | 1.759 | 0.0 | 46.176 | 2.663 | 0.0 | 44.482 | 1.718 | 0.0 | 59.906 | 2.173 | 0.0 | 42.79 | 1.767 | 0.0 | 43.701 | 2.613 |
| 117 | 15641 | 15642 | SN | 1 | 0.0 | 41.461 | 1.348 | 0.0 | 46.783 | 1.869 | 0.0 | 37.38 | 1.432 | 0.0 | 42.544 | 2.17 | 0.0 | 42.042 | 1.301 | 0.0 | 49.521 | 1.74 | 0.0 | 34.039 | 1.357 | 0.0 | 40.209 | 1.857 |
| 118 | 15641 | 15642 | SN | 1 | 0.0 | 41.461 | 1.343 | 0.0 | 46.783 | 1.976 | 0.0 | 37.38 | 1.434 | 0.0 | 40.787 | 2.239 | 0.0 | 42.042 | 1.301 | 0.0 | 49.521 | 1.835 | 0.0 | 33.938 | 1.359 | 0.0 | 40.008 | 1.92 |
| 119 | 15642 | 15643 | SN | 1 | 0.0 | 45.145 | 6.154 | 0.0 | 50.435 | 7.823 | 0.0 | 42.993 | 4.672 | 0.0 | 48.752 | 6.473 | 0.0 | 46.191 | 6.228 | 0.0 | 51.435 | 7.366 | 0.0 | 42.872 | 4.612 | 0.0 | 44.764 | 5.942 |
| 120 | 15642 | 15643 | NS | 1 | 0.0 | 53.35 | 6.507 | 0.0 | 52.304 | 8.813 | 0.0 | 50.35 | 6.617 | 0.0 | 49.083 | 8.588 | 0.0 | 53.383 | 6.598 | 0.0 | 51.655 | 8.589 | 0.0 | 50.66 | 6.759 | 0.0 | 47.783 | 8.087 |
| 121 | 15642 | 15643 | NS | 1 | 0.0 | 49.244 | 2.165 | 0.0 | 49.868 | 3.024 | 0.0 | 44.422 | 1.805 | 0.0 | 45.087 | 2.709 | 0.0 | 48.907 | 2.186 | 0.0 | 49.643 | 2.997 | 0.0 | 46.273 | 1.832 | 0.0 | 45.828 | 2.515 |
| 122 | 15642 | 15643 | SN | 1 | 0.0 | 49.4 | 1.562 | 0.0 | 46.33 | 2.113 | 0.0 | 40.091 | 1.309 | 0.0 | 38.243 | 1.889 | 0.0 | 50.734 | 1.553 | 0.0 | 47.915 | 2.041 | 0.0 | 38.293 | 1.272 | 0.0 | 37.955 | 1.726 |
| 123 | 15642 | 15643 | SN | 1 | 0.0 | 46.334 | 1.544 | 0.0 | 50.768 | 2.106 | 0.0 | 39.009 | 1.295 | 0.0 | 43.2 | 1.875 | 0.0 | 45.814 | 1.546 | 0.0 | 52.354 | 2.052 | 0.0 | 37.704 | 1.272 | 0.0 | 39.434 | 1.722 |
| 124 | 15642 | 15643 | NS | 1 | 0.0 | 50.463 | 6.702 | 0.0 | 54.072 | 8.77 | 0.0 | 45.895 | 6.824 | 0.002 | 49.965 | 8.694 | 0.0 | 51.737 | 6.895 | 0.0 | 54.269 | 8.495 | 0.0 | 47.909 | 6.93 | 0.002 | 49.398 | 8.2 |
| 125 | 15642 | 15643 | SN | 1 | 0.0 | 43.998 | 6.175 | 0.0 | 50.435 | 7.771 | 0.0 | 45.261 | 5.0 | 0.0 | 48.752 | 6.478 | 0.0 | 44.967 | 6.277 | 0.0 | 51.435 | 7.356 | 0.0 | 45.668 | 4.915 | 0.0 | 45.964 | 5.937 |
| 126 | 15642 | 15643 | SN | 1 | 0.0 | 46.829 | 6.115 | 0.0 | 50.779 | 7.822 | 0.0 | 45.736 | 5.043 | 0.0 | 48.695 | 6.564 | 0.0 | 46.527 | 6.135 | 0.0 | 51.778 | 7.416 | 0.0 | 46.954 | 4.873 | 0.0 | 43.176 | 5.923 |
| 127 | 15642 | 15643 | SN | 1 | 0.0 | 49.162 | 1.555 | 0.0 | 44.322 | 2.146 | 0.0 | 36.534 | 1.217 | 0.0 | 46.705 | 1.906 | 0.0 | 50.452 | 1.559 | 0.0 | 45.793 | 2.087 | 0.0 | 35.069 | 1.202 | 0.0 | 43.298 | 1.757 |
| 128 | 15642 | 15643 | NS | 1 | 0.0 | 43.079 | 2.253 | 0.0 | 54.072 | 2.946 | 0.0 | 44.02 | 1.901 | 0.0 | 48.99 | 2.656 | 0.0 | 43.479 | 2.283 | 0.0 | 53.224 | 2.91 | 0.0 | 47.068 | 1.898 | 0.0 | 45.283 | 2.489 |
| 129 | 15643 | 15644 | SN | 1 | 0.0 | 45.957 | 0.848 | 0.0 | 43.511 | 1.31 | 0.0 | 39.458 | 0.986 | 0.0 | 42.077 | 1.379 | 0.0 | 46.242 | 0.852 | 0.0 | 44.71 | 1.197 | 0.0 | 37.589 | 0.961 | 0.0 | 40.426 | 1.273 |
| 130 | 15643 | 15644 | NS | 1 | 0.0 | 52.247 | 4.967 | 0.0 | 57.108 | 5.725 | 0.0 | 48.907 | 4.454 | 0.0 | 50.106 | 5.617 | 0.0 | 51.744 | 4.936 | 0.0 | 57.096 | 5.532 | 0.0 | 47.791 | 4.382 | 0.0 | 51.31 | 5.09 |
| 131 | 15643 | 15644 | SN | 1 | 0.0 | 47.382 | 3.174 | 0.0 | 49.441 | 4.551 | 0.0 | 47.416 | 3.497 | 0.0 | 48.076 | 4.727 | 0.0 | 46.799 | 3.275 | 0.0 | 49.826 | 4.135 | 0.0 | 49.996 | 3.398 | 0.0 | 46.029 | 4.3 |
| 132 | 15643 | 15644 | SN | 1 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 133 | 15643 | 15644 | NS | 1 | 0.0 | 51.924 | 1.3 | 0.0 | 48.178 | 1.786 | 0.0 | 43.676 | 1.287 | 0.0 | 45.91 | 1.907 | 0.0 | 53.541 | 1.295 | 0.0 | 49.592 | 1.669 | 0.0 | 43.18 | 1.276 | 0.0 | 46.226 | 1.73 |
| 134 | 15643 | 15644 | SN | 1 | 0.0 | 47.382 | 3.147 | 0.0 | 49.441 | 4.434 | 0.0 | 47.416 | 3.418 | 0.0 | 48.076 | 4.637 | 0.0 | 46.799 | 3.219 | 0.0 | 49.629 | 4.003 | 0.0 | 49.996 | 3.274 | 0.0 | 46.029 | 4.175 |
| 135 | 15643 | 15644 | SN | 1 | 0.0 | 45.957 | 0.834 | 0.0 | 43.511 | 1.3 | 0.0 | 39.458 | 0.95 | 0.0 | 42.077 | 1.365 | 0.0 | 46.242 | 0.837 | 0.0 | 44.71 | 1.192 | 0.0 | 37.4 | 0.914 | 0.0 | 40.426 | 1.242 |
| 136 | 15644 | 15645 | SN | 1 | 0.0 | 46.877 | 1.184 | 0.0 | 44.657 | 1.585 | 0.0 | 35.315 | 1.297 | 0.0 | 44.533 | 1.771 | 0.0 | 48.576 | 1.236 | 0.0 | 47.195 | 1.48 | 0.0 | 35.119 | 1.284 | 0.0 | 40.576 | 1.658 |
| 137 | 15644 | 15645 | NS | 1 | 0.0 | 46.351 | 0.597 | 0.0 | 51.608 | 0.88 | 0.0 | 39.677 | 0.662 | 0.0 | 38.963 | 1.039 | 0.0 | 45.506 | 0.601 | 0.0 | 48.226 | 0.792 | 0.0 | 38.136 | 0.618 | 0.0 | 40.332 | 0.824 |
| 138 | 15644 | 15645 | SN | 1 | 0.0 | 48.915 | 1.216 | 0.0 | 43.568 | 1.569 | 0.0 | 36.729 | 1.322 | 0.0 | 37.442 | 1.779 | 0.0 | 50.614 | 1.254 | 0.0 | 46.107 | 1.471 | 0.0 | 35.203 | 1.322 | 0.0 | 39.256 | 1.671 |
| 139 | 15644 | 15645 | NS | 1 | 0.0 | 48.277 | 2.068 | 0.0 | 49.451 | 2.552 | 0.0 | 42.163 | 2.042 | 0.0 | 46.449 | 3.125 | 0.0 | 49.812 | 2.008 | 0.0 | 50.378 | 2.38 | 0.0 | 40.796 | 1.907 | 0.0 | 47.357 | 2.869 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 15644 | 15645 | NS | 1 | 0.0 | 48.401 | 2.048 | 0.0 | 48.532 | 2.551 | 0.0 | 44.561 | 2.049 | 0.0 | 46.41 | 3.175 | 0.0 | 49.936 | 1.977 | 0.0 | 49.459 | 2.379 | 0.0 | 43.673 | 1.886 | 0.0 | 47.317 | 2.876 |
| 141 | 15644 | 15645 | NS | 1 | 0.0 | 46.351 | 0.595 | 0.0 | 53.415 | 0.885 | 0.0 | 39.681 | 0.666 | 0.0 | 40.089 | 1.033 | 0.0 | 45.598 | 0.599 | 0.0 | 50.03 | 0.795 | 0.0 | 38.139 | 0.623 | 0.0 | 39.843 | 0.815 |
| 142 | 15644 | 15645 | SN | 1 | 0.0 | 43.268 | 4.183 | 0.0 | 53.016 | 4.845 | 0.0 | 40.536 | 4.013 | 0.0 | 43.673 | 5.518 | 0.0 | 42.372 | 4.326 | 0.0 | 55.628 | 4.752 | 0.0 | 41.003 | 4.107 | 0.0 | 42.228 | 5.432 |
| 143 | 15644 | 15645 | SN | 1 | 0.0 | 46.877 | 1.199 | 0.0 | 44.657 | 1.567 | 0.0 | 35.315 | 1.316 | 0.0 | 44.533 | 1.756 | 0.0 | 48.576 | 1.248 | 0.0 | 47.195 | 1.463 | 0.0 | 35.119 | 1.311 | 0.0 | 40.576 | 1.653 |
| 144 | 15644 | 15645 | SN | 1 | 0.0 | 45.23 | 4.111 | 0.0 | 54.386 | 4.832 | 0.0 | 42.284 | 3.927 | 0.0 | 44.732 | 5.439 | 0.0 | 45.509 | 4.223 | 0.0 | 56.999 | 4.73 | 0.0 | 43.862 | 4.02 | 0.0 | 44.254 | 5.31 |
| 145 | 15644 | 15645 | SN | 1 | 0.0 | 45.943 | 4.173 | 0.0 | 54.386 | 4.814 | 0.0 | 42.225 | 4.014 | 0.0 | 44.732 | 5.369 | 0.0 | 45.626 | 4.314 | 0.0 | 56.999 | 4.773 | 0.0 | 43.862 | 4.085 | 0.0 | 44.254 | 5.205 |
| 146 | 15645 | 15646 | SN | 1 | 0.0 | 41.571 | 1.712 | 0.0 | 42.331 | 2.081 | 0.0 | 42.959 | 1.97 | 0.0 | 39.967 | 2.513 | 0.0 | 41.147 | 1.712 | 0.0 | 43.636 | 2.108 | 0.0 | 43.811 | 2.004 | 0.0 | 39.327 | 2.42 |
| 147 | 15645 | 15646 | SN | 1 | 0.0 | 51.846 | 6.255 | 0.0 | 52.963 | 6.773 | 0.0 | 46.088 | 6.324 | 0.0 | 49.662 | 7.286 | 0.0 | 50.444 | 6.381 | 0.0 | 52.541 | 6.71 | 0.0 | 45.296 | 6.576 | 0.0 | 49.173 | 7.257 |
| 148 | 15645 | 15646 | SN | 1 | 0.0 | 52.592 | 6.244 | 0.0 | 52.963 | 6.702 | 0.0 | 46.088 | 6.28 | 0.0 | 49.662 | 7.211 | 0.0 | 51.19 | 6.348 | 0.0 | 52.541 | 6.557 | 0.0 | 44.471 | 6.505 | 0.0 | 49.173 | 7.131 |
| 149 | 15645 | 15646 | NS | 1 | 0.136 | 48.511 | 2.555 | 0.0 | 48.89 | 3.476 | 0.0 | 46.192 | 2.583 | 0.0 | 44.569 | 3.845 | 0.291 | 47.513 | 2.606 | 0.0 | 49.064 | 3.303 | 0.0 | 46.234 | 2.476 | 0.0 | 40.942 | 3.382 |
| 150 | 15645 | 15646 | NS | 1 | 0.022 | 49.68 | 2.555 | 0.0 | 48.89 | 3.455 | 0.0 | 45.688 | 2.569 | 0.0 | 44.569 | 3.824 | 0.176 | 48.682 | 2.616 | 0.0 | 49.064 | 3.293 | 0.0 | 45.733 | 2.455 | 0.0 | 40.942 | 3.396 |
| 151 | 15645 | 15646 | NS | 1 | 0.0 | 41.302 | 0.705 | 0.0 | 47.459 | 1.041 | 0.0 | 40.21 | 0.739 | 0.0 | 50.257 | 1.337 | 0.0 | 43.063 | 0.699 | 0.0 | 47.255 | 0.964 | 0.0 | 42.961 | 0.684 | 0.0 | 48.286 | 1.087 |
| 152 | 15645 | 15646 | NS | 1 | 0.0 | 42.38 | 0.719 | 0.0 | 47.459 | 1.037 | 0.0 | 40.126 | 0.728 | 0.0 | 50.257 | 1.353 | 0.0 | 44.142 | 0.699 | 0.0 | 47.255 | 0.953 | 0.0 | 42.877 | 0.693 | 0.0 | 48.286 | 1.089 |
| 153 | 15645 | 15646 | SN | 1 | 0.425 | 52.324 | 6.174 | 0.0 | 47.049 | 6.485 | 0.0 | 48.404 | 6.459 | 0.0 | 41.438 | 7.337 | 0.578 | 52.556 | 6.174 | 0.0 | 48.383 | 6.667 | 0.0 | 46.315 | 6.743 | 0.0 | 39.74 | 7.422 |
| 154 | 15645 | 15646 | SN | 1 | 0.0 | 48.712 | 1.721 | 0.0 | 47.813 | 2.095 | 0.0 | 41.916 | 1.992 | 0.0 | 38.421 | 2.429 | 0.0 | 49.698 | 1.761 | 0.0 | 47.538 | 2.052 | 0.0 | 42.636 | 2.043 | 0.0 | 37.523 | 2.375 |
| 155 | 15645 | 15646 | SN | 1 | 0.0 | 44.722 | 1.703 | 0.0 | 47.813 | 2.075 | 0.0 | 40.142 | 1.948 | 0.0 | 40.366 | 2.388 | 0.0 | 45.956 | 1.759 | 0.0 | 47.538 | 2.026 | 0.0 | 37.502 | 1.995 | 0.0 | 38.504 | 2.312 |
| 156 | 15646 | 15647 | SN | 1 | 0.0 | 44.131 | 1.691 | 0.0 | 40.607 | 2.238 | 0.0 | 39.622 | 1.968 | 0.0 | 37.823 | 2.593 | 0.0 | 43.33 | 1.684 | 0.0 | 41.382 | 2.191 | 0.0 | 41.065 | 1.942 | 0.0 | 38.371 | 2.503 |
| 157 | 15646 | 15647 | NS | 1 | 0.0 | 42.657 | 1.089 | 0.0 | 51.311 | 1.437 | 0.0 | 42.478 | 0.905 | 0.0 | 40.955 | 1.13 | 0.0 | 42.019 | 1.094 | 0.0 | 49.542 | 1.446 | 0.0 | 42.589 | 0.903 | 0.0 | 37.24 | 1.052 |
| 158 | 15646 | 15647 | SN | 1 | 0.0 | 49.373 | 1.677 | 0.0 | 43.222 | 2.203 | 0.0 | 39.622 | 1.857 | 0.0 | 37.823 | 2.601 | 0.0 | 48.571 | 1.664 | 0.0 | 44.158 | 2.158 | 0.0 | 37.329 | 1.825 | 0.0 | 38.371 | 2.5 |
| 159 | 15646 | 15647 | NS | 1 | 0.0 | 45.349 | 1.044 | 0.0 | 48.407 | 1.468 | 0.0 | 39.001 | 0.955 | 0.0 | 47.89 | 1.264 | 0.0 | 45.341 | 1.074 | 0.0 | 47.621 | 1.441 | 0.0 | 38.643 | 0.955 | 0.0 | 49.752 | 1.147 |
| 160 | 15646 | 15647 | NS | 1 | 0.0 | 50.044 | 3.638 | 0.0 | 50.916 | 4.732 | 0.0 | 44.86 | 3.692 | 0.0 | 47.675 | 4.191 | 0.0 | 49.105 | 3.73 | 0.0 | 50.307 | 4.57 | 0.0 | 46.097 | 3.621 | 0.0 | 47.137 | 3.687 |
| 161 | 15646 | 15647 | SN | 1 | 0.0 | 45.069 | 5.241 | 0.0 | 43.697 | 6.181 | 0.0 | 43.803 | 5.602 | 0.0 | 41.057 | 7.293 | 0.0 | 45.231 | 5.179 | 0.0 | 44.806 | 6.056 | 0.0 | 44.569 | 5.909 | 0.0 | 41.697 | 7.286 |
| 162 | 15646 | 15647 | SN | 1 | 0.0 | 48.789 | 1.661 | 0.0 | 42.977 | 2.212 | 0.0 | 39.622 | 1.875 | 0.0 | 38.882 | 2.601 | 0.0 | 47.988 | 1.646 | 0.0 | 43.914 | 2.178 | 0.0 | 37.329 | 1.837 | 0.0 | 38.371 | 2.488 |
| 163 | 15646 | 15647 | SN | 1 | 0.0 | 45.069 | 5.206 | 0.0 | 43.41 | 6.191 | 0.0 | 40.756 | 5.527 | 0.0 | 41.71 | 7.095 | 0.0 | 45.23 | 5.176 | 0.0 | 45.066 | 6.08 | 0.0 | 42.065 | 5.896 | 0.0 | 43.822 | 7.087 |
| 164 | 15646 | 15647 | NS | 1 | 0.161 | 50.499 | 3.854 | 0.0 | 54.295 | 4.732 | 0.0 | 45.211 | 3.693 | 0.0 | 45.118 | 4.258 | 0.238 | 49.375 | 3.915 | 0.0 | 56.873 | 4.51 | 0.0 | 45.111 | 3.558 | 0.0 | 43.673 | 3.696 |
| 165 | 15646 | 15647 | SN | 1 | 0.0 | 45.069 | 5.166 | 0.0 | 43.253 | 6.14 | 0.0 | 40.16 | 5.477 | 0.0 | 42.151 | 7.208 | 0.0 | 45.23 | 5.125 | 0.0 | 44.806 | 6.059 | 0.0 | 41.468 | 5.874 | 0.0 | 41.646 | 7.151 |
| 166 | 15647 | 15648 | NS | 1 | 0.0 | 50.336 | 1.751 | 0.0 | 48.274 | 2.054 | 0.0 | 37.987 | 1.577 | 0.0 | 47.04 | 2.116 | 0.0 | 49.543 | 1.726 | 0.0 | 48.448 | 1.966 | 0.0 | 37.005 | 1.574 | 0.0 | 41.029 | 1.819 |
| 167 | 15647 | 15648 | SN | 1 | 0.0 | 47.734 | 7.704 | 0.0 | 52.558 | 8.302 | 0.0 | 38.862 | 5.908 | 0.0 | 49.119 | 7.389 | 0.0 | 48.58 | 7.694 | 0.0 | 54.612 | 8.099 | 0.0 | 38.282 | 5.844 | 0.0 | 47.869 | 7.105 |
| 168 | 15647 | 15648 | SN | 1 | 0.0 | 49.705 | 7.791 | 0.0 | 52.535 | 8.167 | 0.0 | 39.351 | 5.921 | 0.0 | 49.06 | 7.495 | 0.0 | 50.901 | 7.748 | 0.0 | 54.593 | 7.987 | 0.0 | 40.306 | 6.084 | 0.0 | 47.809 | 7.332 |
| 169 | 15647 | 15648 | SN | 1 | 0.0 | 49.705 | 7.734 | 0.0 | 52.535 | 8.221 | 0.0 | 40.83 | 5.816 | 0.0 | 49.06 | 7.404 | 0.0 | 50.901 | 7.664 | 0.0 | 54.593 | 7.998 | 0.0 | 40.987 | 5.873 | 0.0 | 47.809 | 7.133 |
| 170 | 15647 | 15648 | SN | 1 | 0.0 | 43.378 | 1.825 | 0.0 | 45.906 | 2.328 | 0.0 | 43.304 | 1.7 | 0.0 | 43.805 | 2.422 | 0.0 | 41.966 | 1.861 | 0.0 | 46.194 | 2.253 | 0.0 | 40.746 | 1.693 | 0.0 | 43.681 | 2.224 |
| 171 | 15647 | 15648 | SN | 1 | 0.0 | 42.51 | 1.866 | 0.0 | 45.906 | 2.368 | 0.0 | 43.304 | 1.752 | 0.0 | 43.805 | 2.476 | 0.0 | 42.359 | 1.897 | 0.0 | 44.39 | 2.3 | 0.0 | 40.746 | 1.771 | 0.0 | 43.681 | 2.3 |
| 172 | 15647 | 15648 | NS | 1 | 0.0 | 55.328 | 6.295 | 0.0 | 56.297 | 7.194 | 0.0 | 43.429 | 5.35 | 0.0 | 48.976 | 6.727 | 0.0 | 55.03 | 6.396 | 0.0 | 55.02 | 6.667 | 0.0 | 44.317 | 5.229 | 0.0 | 47.744 | 6.129 |
| 173 | 15647 | 15648 | NS | 1 | 0.0 | 48.664 | 1.792 | 0.0 | 49.472 | 2.057 | 0.0 | 39.742 | 1.544 | 0.0 | 43.48 | 2.173 | 0.0 | 48.433 | 1.788 | 0.0 | 47.977 | 1.974 | 0.0 | 40.576 | 1.507 | 0.0 | 43.359 | 1.918 |
| 174 | 15647 | 15648 | SN | 1 | 0.0 | 43.163 | 1.834 | 0.0 | 45.906 | 2.31 | 0.0 | 36.319 | 1.676 | 0.0 | 42.637 | 2.452 | 0.0 | 43.065 | 1.864 | 0.0 | 44.39 | 2.247 | 0.0 | 34.269 | 1.665 | 0.0 | 42.513 | 2.239 |
| 175 | 15647 | 15648 | NS | 1 | 0.0 | 51.405 | 6.049 | 0.0 | 50.095 | 6.9 | 0.0 | 46.61 | 5.355 | 0.0 | 48.633 | 6.56 | 0.0 | 50.532 | 6.109 | 0.0 | 52.949 | 6.748 | 0.0 | 46.877 | 5.44 | 0.0 | 48.712 | 6.113 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 176 | 15648 | 15649 | NS | 1 | 0.0 | 46.512 | 4.572 | 0.0 | 45.423 | 5.654 | 0.0 | 46.531 | 4.361 | 0.0 | 40.883 | 5.217 | 0.0 | 47.165 | 4.603 | 0.0 | 44.924 | 5.208 | 0.0 | 44.477 | 4.134 | 0.0 | 40.845 | 4.655 |
| 177 | 15648 | 15649 | NS | 1 | 0.0 | 52.253 | 1.062 | 0.0 | 49.031 | 1.608 | 0.0 | 40.931 | 1.296 | 0.0 | 39.73 | 1.782 | 0.0 | 51.902 | 1.065 | 0.0 | 44.825 | 1.472 | 0.0 | 38.442 | 1.186 | 0.0 | 40.573 | 1.517 |
| 178 | 15648 | 15649 | NS | 1 | 0.0 | 48.48 | 1.064 | 0.0 | 41.037 | 1.716 | 0.0 | 35.61 | 1.274 | 0.0 | 45.434 | 1.704 | 0.0 | 48.632 | 1.059 | 0.0 | 40.864 | 1.524 | 0.0 | 35.876 | 1.185 | 0.0 | 49.0 | 1.471 |
| 179 | 15648 | 15649 | SN | 1 | 0.0 | 47.392 | 1.19 | 0.0 | 44.622 | 1.546 | 0.0 | 40.323 | 1.03 | 0.0 | 40.917 | 1.418 | 0.0 | 47.728 | 1.194 | 0.0 | 46.916 | 1.499 | 0.0 | 41.363 | 0.945 | 0.0 | 36.182 | 1.244 |
| 180 | 15648 | 15649 | SN | 1 | 0.0 | 49.868 | 4.317 | 0.0 | 53.183 | 5.391 | 0.0 | 45.52 | 3.701 | 0.0 | 44.521 | 4.542 | 0.0 | 49.543 | 4.307 | 0.0 | 52.847 | 5.328 | 0.0 | 47.385 | 3.453 | 0.0 | 44.804 | 4.315 |
| 181 | 15648 | 15649 | NS | 1 | 0.0 | 49.646 | 4.536 | 0.0 | 45.395 | 5.358 | 0.0 | 44.806 | 4.28 | 0.0 | 40.853 | 5.306 | 0.0 | 48.886 | 4.526 | 0.0 | 44.51 | 4.953 | 0.0 | 43.361 | 4.238 | 0.0 | 40.482 | 4.844 |
| 182 | 15648 | 15649 | SN | 1 | 0.0 | 49.868 | 4.379 | 0.0 | 53.183 | 5.373 | 0.0 | 45.52 | 3.731 | 0.0 | 44.521 | 4.535 | 0.0 | 49.543 | 4.389 | 0.0 | 52.847 | 5.281 | 0.0 | 47.385 | 3.518 | 0.0 | 41.647 | 4.307 |
| 183 | 15648 | 15649 | SN | 1 | 0.0 | 49.49 | 4.47 | 0.0 | 53.243 | 5.392 | 0.0 | 45.128 | 3.61 | 0.0 | 44.352 | 4.449 | 0.0 | 48.763 | 4.439 | 0.0 | 52.931 | 5.26 | 0.0 | 42.748 | 3.426 | 0.0 | 41.325 | 4.35 |
| 184 | 15648 | 15649 | SN | 1 | 0.0 | 45.708 | 1.204 | 0.0 | 57.841 | 1.599 | 0.0 | 40.304 | 1.022 | 0.0 | 39.865 | 1.43 | 0.0 | 47.263 | 1.197 | 0.0 | 60.591 | 1.56 | 0.0 | 41.343 | 0.943 | 0.0 | 40.316 | 1.266 |
| 185 | 15648 | 15649 | SN | 1 | 0.0 | 45.708 | 1.201 | 0.0 | 57.842 | 1.548 | 0.0 | 40.304 | 1.046 | 0.0 | 39.865 | 1.434 | 0.0 | 47.263 | 1.179 | 0.0 | 60.592 | 1.519 | 0.0 | 41.343 | 0.956 | 0.0 | 40.316 | 1.276 |
| 186 | 15649 | 15650 | SN | 1 | 0.0 | 49.074 | 7.589 | 0.0 | 52.268 | 8.949 | 0.0 | 46.323 | 5.011 | 0.0 | 51.048 | 5.661 | 0.0 | 49.744 | 7.678 | 0.0 | 53.297 | 8.605 | 0.0 | 44.157 | 4.817 | 0.0 | 46.467 | 4.951 |
| 187 | 15649 | 15650 | SN | 1 | 0.0 | 49.074 | 7.117 | 0.0 | 52.268 | 8.725 | 0.0 | 46.323 | 4.866 | 0.0 | 51.048 | 5.78 | 0.0 | 49.744 | 7.178 | 0.0 | 53.729 | 8.33 | 0.0 | 44.157 | 4.702 | 0.0 | 46.467 | 5.054 |
| 188 | 15649 | 15650 | SN | 1 | 0.0 | 48.54 | 1.848 | 0.0 | 45.937 | 2.342 | 0.0 | 38.327 | 1.24 | 0.0 | 47.654 | 1.633 | 0.0 | 49.559 | 1.818 | 0.0 | 45.671 | 2.233 | 0.0 | 38.068 | 1.2 | 0.0 | 45.93 | 1.421 |
| 189 | 15649 | 15650 | NS | 1 | 0.0 | 46.563 | 3.895 | 0.0 | 50.476 | 4.052 | 0.0 | 39.223 | 3.522 | 0.0 | 42.368 | 4.406 | 0.0 | 46.582 | 3.935 | 0.0 | 49.396 | 3.768 | 0.0 | 39.444 | 3.344 | 0.0 | 44.129 | 3.73 |
| 190 | 15649 | 15650 | SN | 1 | 0.0 | 48.54 | 1.796 | 0.0 | 47.451 | 2.299 | 0.0 | 38.327 | 1.201 | 0.0 | 47.654 | 1.665 | 0.0 | 49.559 | 1.772 | 0.0 | 45.671 | 2.197 | 0.0 | 38.068 | 1.15 | 0.0 | 45.93 | 1.443 |
| 191 | 15649 | 15650 | NS | 1 | 0.0 | 40.872 | 1.174 | 0.0 | 41.777 | 1.278 | 0.0 | 46.732 | 1.121 | 0.0 | 38.553 | 1.423 | 0.0 | 41.536 | 1.158 | 0.0 | 41.335 | 1.181 | 0.0 | 47.88 | 1.055 | 0.0 | 39.105 | 1.202 |
| 192 | 15650 | 15651 | NS | 1 | 0.0 | 43.728 | 1.544 | 0.0 | 47.149 | 2.103 | 0.0 | 38.203 | 1.302 | 0.0 | 45.469 | 1.844 | 0.0 | 43.992 | 1.562 | 0.0 | 46.928 | 1.996 | 0.0 | 38.882 | 1.259 | 0.0 | 42.966 | 1.663 |
| 193 | 15650 | 15651 | SN | 1 | 0.0 | 47.323 | 0.991 | 0.0 | 44.049 | 1.426 | 0.0 | 37.949 | 0.994 | 0.0 | 47.504 | 1.7 | 0.0 | 46.085 | 1.003 | 0.0 | 45.124 | 1.322 | 0.0 | 37.631 | 0.943 | 0.0 | 46.904 | 1.491 |
| 194 | 15650 | 15651 | SN | 1 | 0.0 | 57.145 | 3.82 | 0.0 | 46.535 | 5.046 | 0.0 | 42.131 | 3.68 | 0.0 | 50.899 | 5.536 | 0.0 | 57.999 | 3.921 | 0.0 | 48.019 | 4.59 | 0.0 | 43.167 | 3.666 | 0.0 | 48.351 | 4.974 |
| 195 | 15650 | 15651 | NS | 1 | 0.255 | 49.41 | 5.375 | 0.0 | 52.57 | 7.216 | 0.0 | 45.361 | 4.703 | 0.0 | 48.984 | 6.067 | 0.178 | 50.399 | 5.527 | 0.0 | 53.253 | 6.831 | 0.0 | 45.42 | 4.604 | 0.0 | 47.55 | 5.754 |
| 196 | 15650 | 15651 | NS | 1 | 0.269 | 49.625 | 5.396 | 0.0 | 52.57 | 7.236 | 0.0 | 45.361 | 4.625 | 0.0 | 48.953 | 6.103 | 0.191 | 50.618 | 5.497 | 0.0 | 53.253 | 6.841 | 0.0 | 45.42 | 4.561 | 0.0 | 47.521 | 5.768 |
| 197 | 15650 | 15651 | NS | 1 | 0.0 | 43.728 | 1.528 | 0.0 | 47.149 | 2.121 | 0.0 | 38.203 | 1.333 | 0.0 | 42.074 | 1.837 | 0.0 | 43.32 | 1.553 | 0.0 | 46.928 | 2.003 | 0.0 | 38.884 | 1.275 | 0.0 | 39.565 | 1.659 |
| 198 | 15651 | 15652 | NS | 1 | 0.0 | 47.191 | 1.483 | 0.0 | 53.472 | 2.006 | 0.0 | 37.289 | 1.487 | 0.0 | 44.303 | 2.089 | 0.0 | 49.144 | 1.476 | 0.0 | 51.331 | 1.796 | 0.0 | 36.785 | 1.377 | 0.0 | 42.351 | 1.786 |
| 199 | 15651 | 15652 | NS | 1 | 0.0 | 45.647 | 5.858 | 0.0 | 51.996 | 7.209 | 0.0 | 43.313 | 5.463 | 0.0 | 47.663 | 6.451 | 0.0 | 45.823 | 5.98 | 0.0 | 53.208 | 6.805 | 0.0 | 43.898 | 5.256 | 0.0 | 43.783 | 5.94 |
| 200 | 15651 | 15652 | NS | 1 | 0.0 | 46.184 | 5.909 | 0.0 | 50.383 | 7.209 | 0.0 | 41.8 | 5.384 | 0.0 | 48.324 | 6.522 | 0.0 | 46.535 | 5.99 | 0.0 | 49.406 | 6.835 | 0.0 | 42.55 | 5.171 | 0.0 | 45.608 | 6.053 |
| 201 | 15651 | 15652 | SN | 1 | 0.0 | 51.961 | 3.535 | 0.0 | 48.734 | 5.22 | 0.0 | 41.178 | 2.984 | 0.0 | 43.387 | 4.841 | 0.0 | 52.588 | 3.576 | 0.0 | 50.027 | 5.038 | 0.0 | 43.94 | 2.885 | 0.0 | 43.291 | 4.307 |
| 202 | 15651 | 15652 | NS | 1 | 0.0 | 47.326 | 1.485 | 0.0 | 54.572 | 1.984 | 0.0 | 42.133 | 1.493 | 0.0 | 48.587 | 2.077 | 0.0 | 48.548 | 1.471 | 0.0 | 52.43 | 1.807 | 0.0 | 41.63 | 1.363 | 0.0 | 45.534 | 1.839 |
| 203 | 15651 | 15652 | SN | 1 | 0.0 | 46.189 | 0.973 | 0.0 | 40.383 | 1.645 | 0.0 | 36.04 | 0.902 | 0.0 | 38.578 | 1.541 | 0.0 | 45.034 | 0.957 | 0.0 | 39.887 | 1.48 | 0.0 | 36.041 | 0.831 | 0.0 | 36.513 | 1.28 |
| 204 | 15652 | 15653 | NS | 1 | 0.0 | 46.716 | 4.328 | 0.0 | 48.243 | 6.835 | 0.0 | 47.112 | 4.389 | 0.0 | 51.015 | 5.535 | 0.0 | 46.294 | 4.429 | 0.0 | 49.702 | 6.512 | 0.0 | 47.71 | 4.346 | 0.0 | 52.768 | 5.272 |
| 205 | 15652 | 15653 | SN | 1 | 0.0 | 43.912 | 1.086 | 0.0 | 48.426 | 1.476 | 0.0 | 39.865 | 1.03 | 0.0 | 42.434 | 1.534 | 0.0 | 43.647 | 1.086 | 0.0 | 47.906 | 1.356 | 0.0 | 38.186 | 0.993 | 0.0 | 42.82 | 1.303 |
| 206 | 15652 | 15653 | NS | 1 | 0.0 | 44.017 | 1.132 | 0.0 | 44.523 | 1.846 | 0.0 | 42.487 | 1.298 | 0.0 | 44.264 | 1.848 | 0.0 | 43.699 | 1.139 | 0.0 | 46.971 | 1.665 | 0.0 | 42.675 | 1.269 | 0.0 | 43.424 | 1.678 |
| 207 | 15652 | 15653 | SN | 1 | 0.0 | 55.073 | 4.338 | 0.0 | 53.908 | 5.413 | 0.0 | 41.325 | 3.887 | 0.0 | 48.989 | 5.147 | 0.0 | 56.565 | 4.378 | 0.0 | 52.7 | 5.068 | 0.0 | 42.052 | 3.759 | 0.0 | 51.003 | 4.528 |
| 208 | 15652 | 15653 | SN | 1 | 0.0 | 43.912 | 1.086 | 0.0 | 48.426 | 1.476 | 0.0 | 39.865 | 1.03 | 0.0 | 42.434 | 1.534 | 0.0 | 43.647 | 1.086 | 0.0 | 47.906 | 1.356 | 0.0 | 38.186 | 0.993 | 0.0 | 42.82 | 1.303 |
| 209 | 15652 | 15653 | NS | 1 | 0.0 | 45.067 | 4.206 | 0.0 | 47.672 | 6.916 | 0.0 | 43.051 | 4.339 | 0.0 | 46.176 | 5.542 | 0.0 | 45.645 | 4.409 | 0.0 | 49.132 | 6.684 | 0.0 | 41.778 | 4.318 | 0.0 | 45.071 | 5.265 |
| 210 | 15652 | 15653 | NS | 1 | 0.0 | 44.297 | 1.146 | 0.0 | 46.371 | 1.85 | 0.0 | 41.064 | 1.315 | 0.0 | 40.313 | 1.85 | 0.0 | 43.976 | 1.159 | 0.0 | 43.971 | 1.685 | 0.0 | 42.921 | 1.287 | 0.0 | 39.57 | 1.674 |
| 211 | 15652 | 15653 | SN | 1 | 0.0 | 55.073 | 4.338 | 0.0 | 53.908 | 5.413 | 0.0 | 41.325 | 3.887 | 0.0 | 48.989 | 5.147 | 0.0 | 56.565 | 4.378 | 0.0 | 52.7 | 5.068 | 0.0 | 42.052 | 3.759 | 0.0 | 51.003 | 4.528 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 212 | 15653 | 15654 | NS | 1 | 0.0 | 51.342 | 5.163 | 0.0 | 51.099 | 6.886 | 0.0 | 50.358 | 5.004 | 0.0 | 48.062 | 6.535 | 0.0 | 51.718 | 5.214 | 0.0 | 52.705 | 6.618 | 0.0 | 48.728 | 4.925 | 0.0 | 45.493 | 5.877 |
| 213 | 15653 | 15654 | SN | 1 | 0.0 | 45.333 | 1.048 | 0.0 | 42.549 | 1.48 | 0.0 | 40.531 | 1.003 | 0.0 | 43.192 | 1.653 | 0.0 | 43.676 | 1.041 | 0.0 | 44.793 | 1.329 | 0.0 | 40.905 | 0.956 | 0.0 | 42.209 | 1.349 |
| 214 | 15653 | 15654 | SN | 1 | 0.0 | 42.679 | 1.043 | 0.0 | 44.39 | 1.48 | 0.0 | 37.711 | 0.994 | 0.0 | 42.505 | 1.672 | 0.0 | 42.547 | 1.016 | 0.0 | 43.697 | 1.315 | 0.0 | 38.411 | 0.94 | 0.0 | 39.372 | 1.356 |
| 215 | 15653 | 15654 | NS | 1 | 0.0 | 50.83 | 1.437 | 0.0 | 51.023 | 2.041 | 0.0 | 45.896 | 1.517 | 0.0 | 48.062 | 2.184 | 0.0 | 51.637 | 1.464 | 0.0 | 49.542 | 1.93 | 0.0 | 44.4 | 1.459 | 0.0 | 45.443 | 1.909 |
| 216 | 15653 | 15654 | NS | 1 | 0.0 | 50.83 | 1.437 | 0.0 | 51.023 | 2.041 | 0.0 | 45.896 | 1.517 | 0.0 | 48.062 | 2.184 | 0.0 | 51.637 | 1.464 | 0.0 | 49.542 | 1.93 | 0.0 | 44.4 | 1.459 | 0.0 | 45.443 | 1.909 |
| 217 | 15653 | 15654 | NS | 1 | 0.0 | 50.83 | 1.463 | 0.0 | 51.023 | 2.075 | 0.0 | 45.896 | 1.54 | 0.0 | 48.062 | 2.219 | 0.0 | 51.637 | 1.489 | 0.0 | 49.542 | 1.962 | 0.0 | 44.4 | 1.471 | 0.0 | 45.443 | 1.939 |
| 218 | 15653 | 15654 | SN | 1 | 0.0 | 52.408 | 3.781 | 0.0 | 49.761 | 5.139 | 0.0 | 43.582 | 3.774 | 0.0 | 45.394 | 5.517 | 0.0 | 53.574 | 3.71 | 0.0 | 49.925 | 4.733 | 0.0 | 44.972 | 3.575 | 0.0 | 46.385 | 4.82 |
| 219 | 15653 | 15654 | SN | 1 | 0.0 | 48.418 | 3.791 | 0.0 | 49.649 | 5.179 | 0.0 | 42.68 | 3.731 | 0.0 | 47.058 | 5.539 | 0.0 | 48.134 | 3.69 | 0.0 | 49.47 | 4.764 | 0.0 | 43.715 | 3.589 | 0.0 | 44.139 | 4.812 |
| 220 | 15653 | 15654 | NS | 1 | 0.0 | 51.342 | 5.046 | 0.0 | 51.099 | 6.759 | 0.0 | 50.358 | 4.928 | 0.0 | 48.062 | 6.418 | 0.0 | 51.718 | 5.158 | 0.0 | 52.705 | 6.486 | 0.0 | 48.728 | 4.814 | 0.0 | 45.493 | 5.779 |
| 221 | 15653 | 15654 | NS | 1 | 0.0 | 51.342 | 5.046 | 0.0 | 51.099 | 6.759 | 0.0 | 50.358 | 4.928 | 0.0 | 48.062 | 6.418 | 0.0 | 51.718 | 5.158 | 0.0 | 52.705 | 6.486 | 0.0 | 48.728 | 4.814 | 0.0 | 45.493 | 5.779 |
| 222 | 15654 | 15655 | NS | 1 | 0.0 | 41.286 | 1.456 | 0.0 | 43.369 | 1.876 | 0.0 | 38.605 | 1.764 | 0.0 | 39.441 | 2.474 | 0.0 | 42.194 | 1.433 | 0.0 | 45.035 | 1.7 | 0.0 | 36.444 | 1.695 | 0.0 | 40.782 | 2.103 |
| 223 | 15654 | 15655 | NS | 1 | 0.0 | 45.725 | 4.428 | 0.0 | 49.674 | 5.763 | 0.0 | 45.282 | 5.693 | 0.0 | 45.975 | 6.97 | 0.0 | 46.657 | 4.396 | 0.0 | 49.048 | 5.72 | 0.0 | 47.043 | 5.573 | 0.0 | 46.628 | 6.268 |
| 224 | 15654 | 15655 | NS | 1 | 0.0 | 45.725 | 4.209 | 0.0 | 49.674 | 5.489 | 0.0 | 45.282 | 5.423 | 0.0 | 45.975 | 6.655 | 0.0 | 46.657 | 4.178 | 0.0 | 49.048 | 5.449 | 0.0 | 47.043 | 5.316 | 0.0 | 46.628 | 5.986 |
| 225 | 15654 | 15655 | SN | 1 | 0.0 | 51.159 | 2.981 | 0.0 | 49.071 | 4.439 | 0.0 | 42.179 | 4.07 | 0.0 | 44.552 | 5.324 | 0.0 | 51.561 | 3.022 | 0.0 | 49.634 | 4.094 | 0.0 | 39.201 | 3.773 | 0.0 | 45.124 | 4.498 |
| 226 | 15654 | 15655 | NS | 1 | 0.0 | 41.286 | 1.386 | 0.0 | 43.369 | 1.786 | 0.0 | 38.605 | 1.686 | 0.0 | 39.441 | 2.356 | 0.0 | 42.194 | 1.364 | 0.0 | 45.035 | 1.619 | 0.0 | 36.444 | 1.622 | 0.0 | 40.782 | 1.999 |
| 227 | 15654 | 15655 | NS | 1 | 0.0 | 41.286 | 1.386 | 0.0 | 43.369 | 1.786 | 0.0 | 38.605 | 1.686 | 0.0 | 39.441 | 2.356 | 0.0 | 42.194 | 1.364 | 0.0 | 45.035 | 1.619 | 0.0 | 36.444 | 1.622 | 0.0 | 40.782 | 1.999 |
| 228 | 15654 | 15655 | NS | 1 | 0.0 | 45.725 | 4.209 | 0.0 | 49.674 | 5.489 | 0.0 | 45.282 | 5.423 | 0.0 | 45.975 | 6.655 | 0.0 | 46.657 | 4.178 | 0.0 | 49.048 | 5.449 | 0.0 | 47.043 | 5.316 | 0.0 | 46.628 | 5.986 |
| 229 | 15654 | 15655 | SN | 1 | 0.0 | 47.623 | 0.964 | 0.0 | 47.909 | 1.595 | 0.0 | 39.298 | 1.307 | 0.0 | 37.464 | 1.786 | 0.0 | 47.419 | 0.958 | 0.0 | 50.569 | 1.351 | 0.0 | 38.3 | 1.217 | 0.0 | 35.559 | 1.47 |
| 230 | 15655 | 15656 | NS | 1 | 0.043 | 52.032 | 6.785 | 0.0 | 47.484 | 7.914 | 0.0 | 42.478 | 5.294 | 0.0 | 44.919 | 6.879 | 0.05 | 51.588 | 6.886 | 0.0 | 47.768 | 7.783 | 0.0 | 40.515 | 5.514 | 0.0 | 45.681 | 7.157 |
| 231 | 15655 | 15656 | SN | 1 | 0.0 | 45.861 | 4.597 | 0.0 | 46.229 | 5.614 | 0.0 | 43.065 | 5.077 | 0.0 | 41.088 | 6.747 | 0.0 | 46.278 | 4.556 | 0.0 | 46.257 | 5.087 | 0.0 | 44.744 | 4.921 | 0.0 | 40.591 | 5.8 |
| 232 | 15655 | 15656 | SN | 1 | 0.0 | 45.861 | 4.597 | 0.0 | 46.229 | 5.614 | 0.0 | 43.065 | 5.077 | 0.0 | 41.088 | 6.747 | 0.0 | 46.278 | 4.556 | 0.0 | 46.257 | 5.087 | 0.0 | 44.744 | 4.921 | 0.0 | 40.591 | 5.8 |
| 233 | 15655 | 15656 | NS | 1 | 0.0 | 38.155 | 1.698 | 0.0 | 41.002 | 2.084 | 0.0 | 37.936 | 1.594 | 0.0 | 40.361 | 2.259 | 0.0 | 38.644 | 1.725 | 0.0 | 42.705 | 2.093 | 0.0 | 39.516 | 1.602 | 0.0 | 39.492 | 2.202 |
| 234 | 15655 | 15656 | NS | 1 | 0.0 | 38.155 | 1.682 | 0.0 | 41.002 | 2.082 | 0.0 | 38.212 | 1.598 | 0.0 | 40.361 | 2.264 | 0.0 | 38.162 | 1.702 | 0.0 | 42.705 | 2.093 | 0.0 | 39.516 | 1.591 | 0.0 | 39.492 | 2.209 |
| 235 | 15655 | 15656 | NS | 1 | 0.0 | 38.155 | 1.866 | 0.0 | 41.002 | 2.296 | 0.0 | 37.936 | 1.768 | 0.0 | 40.361 | 2.491 | 0.0 | 38.644 | 1.896 | 0.0 | 42.705 | 2.306 | 0.0 | 39.516 | 1.764 | 0.0 | 39.492 | 2.432 |
| 236 | 15655 | 15656 | NS | 1 | 0.048 | 52.032 | 6.826 | 0.0 | 47.484 | 7.914 | 0.0 | 42.478 | 5.287 | 0.0 | 44.919 | 6.907 | 0.042 | 51.588 | 6.927 | 0.0 | 47.768 | 7.783 | 0.0 | 40.515 | 5.514 | 0.0 | 45.681 | 7.128 |
| 237 | 15655 | 15656 | SN | 1 | 0.0 | 47.643 | 1.379 | 0.0 | 47.629 | 1.789 | 0.0 | 40.253 | 1.741 | 0.0 | 39.688 | 2.353 | 0.0 | 49.587 | 1.349 | 0.0 | 46.558 | 1.636 | 0.0 | 38.319 | 1.608 | 0.0 | 40.398 | 1.98 |
| 238 | 15655 | 15656 | SN | 1 | 0.0 | 47.643 | 1.379 | 0.0 | 47.629 | 1.789 | 0.0 | 40.253 | 1.741 | 0.0 | 39.688 | 2.353 | 0.0 | 49.587 | 1.349 | 0.0 | 46.558 | 1.636 | 0.0 | 38.319 | 1.608 | 0.0 | 40.398 | 1.98 |
| 239 | 15655 | 15656 | NS | 1 | 0.0 | 52.032 | 7.514 | 0.0 | 47.484 | 8.728 | 0.0 | 42.478 | 5.845 | 0.0 | 44.919 | 7.61 | 0.0 | 51.588 | 7.626 | 0.0 | 47.768 | 8.571 | 0.0 | 40.515 | 6.064 | 0.0 | 45.681 | 7.869 |
| 240 | 15656 | 15657 | NS | 1 | 0.0 | 42.915 | 4.114 | 0.0 | 53.562 | 5.859 | 0.0 | 42.182 | 4.51 | 0.0 | 48.065 | 6.091 | 0.0 | 43.574 | 4.145 | 0.0 | 55.522 | 5.768 | 0.0 | 41.149 | 4.623 | 0.0 | 47.555 | 6.162 |
| 241 | 15656 | 15657 | SN | 1 | 0.0 | 46.874 | 7.155 | 0.0 | 46.661 | 5.009 | 0.0 | 42.249 | 6.571 | 0.0 | 40.855 | 3.894 | 0.0 | 45.993 | 7.021 | 0.0 | 46.598 | 4.591 | 0.0 | 41.01 | 6.376 | 0.0 | 41.748 | 3.856 |
| 242 | 15656 | 15657 | NS | 1 | 0.0 | 50.462 | 1.349 | 0.0 | 53.562 | 2.26 | 0.0 | 42.468 | 1.591 | 0.0 | 46.726 | 2.384 | 0.0 | 52.226 | 1.418 | 0.0 | 55.522 | 2.238 | 0.0 | 43.684 | 1.589 | 0.0 | 45.935 | 2.365 |
| 243 | 15656 | 15657 | SN | 1 | 0.0 | 42.482 | 2.692 | 0.0 | 46.661 | 5.508 | 0.0 | 40.915 | 2.451 | 0.0 | 39.17 | 4.483 | 0.0 | 41.714 | 2.674 | 0.0 | 46.598 | 5.228 | 0.0 | 43.427 | 2.402 | 0.0 | 39.528 | 4.272 |
| 244 | 15656 | 15657 | NS | 1 | 0.0 | 50.462 | 1.175 | 0.0 | 53.562 | 1.928 | 0.0 | 42.468 | 1.427 | 0.0 | 46.726 | 2.054 | 0.0 | 52.226 | 1.225 | 0.0 | 55.522 | 1.912 | 0.0 | 43.684 | 1.409 | 0.0 | 45.935 | 2.031 |
| 245 | 15656 | 15657 | SN | 1 | 0.0 | 35.556 | 0.692 | 0.0 | 49.007 | 1.367 | 0.0 | 38.576 | 0.842 | 0.0 | 39.877 | 1.591 | 0.0 | 35.08 | 0.68 | 0.0 | 48.008 | 1.273 | 0.0 | 39.259 | 0.808 | 0.0 | 39.044 | 1.464 |
| 246 | 15656 | 15657 | NS | 1 | 0.0 | 50.462 | 1.175 | 0.0 | 53.562 | 1.928 | 0.0 | 42.468 | 1.427 | 0.0 | 46.726 | 2.054 | 0.0 | 52.226 | 1.225 | 0.0 | 55.522 | 1.912 | 0.0 | 43.684 | 1.409 | 0.0 | 45.935 | 2.031 |
| 247 | 15656 | 15657 | NS | 1 | 0.0 | 42.915 | 4.692 | 0.0 | 53.562 | 6.867 | 0.0 | 42.182 | 5.072 | 0.0 | 48.065 | 7.051 | 0.0 | 43.574 | 4.739 | 0.0 | 55.522 | 6.748 | 0.0 | 41.149 | 5.222 | 0.0 | 47.555 | 7.151 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248 | 15656 | 15657 | SN | 1 | 0.0 | 49.195 | 2.219 | 0.0 | 48.211 | 2.844 | 0.0 | 40.183 | 1.986 | 0.0 | 42.116 | 2.793 | 0.0 | 49.336 | 2.196 | 0.0 | 47.142 | 2.769 | 0.0 | 38.24 | 1.898 | 0.0 | 43.369 | 2.61 |
| 249 | 15656 | 15657 | SN | 1 | 0.0 | 48.76 | 1.737 | 0.0 | 39.701 | 1.271 | 0.0 | 32.676 | 1.535 | 0.0 | 38.276 | 1.299 | 0.0 | 47.679 | 1.661 | 0.0 | 39.236 | 1.258 | 0.0 | 32.824 | 1.399 | 0.0 | 35.91 | 1.185 |
| 250 | 15656 | 15657 | SN | 1 | 0.0 | 52.569 | 7.885 | 0.0 | 52.197 | 10.052 | 0.0 | 41.786 | 7.016 | 0.0 | 43.355 | 8.469 | 0.0 | 54.007 | 7.825 | 0.0 | 51.82 | 9.312 | 0.0 | 43.427 | 6.718 | 0.0 | 40.994 | 8.149 |
| 251 | 15656 | 15657 | NS | 1 | 0.0 | 42.915 | 4.114 | 0.0 | 53.562 | 5.859 | 0.0 | 42.182 | 4.51 | 0.0 | 48.065 | 6.091 | 0.0 | 43.574 | 4.145 | 0.0 | 55.522 | 5.768 | 0.0 | 41.149 | 4.623 | 0.0 | 47.555 | 6.162 |

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

Normal
Deviations
Alarming
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 | 15628 | 15629 | NS | 1 | 0.0 | 253.971 | 10.013 | 0.0 | 73.94 | 14.29 | 0.0 | 147.524 | 10.074 | 0.0 | 129.172 | 12.775 | 0.0 | 1.42 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.152 | 0.0 |
| 2 | 15628 | 15629 | NS | 1 | 0.0 | 198.165 | 5.86 | 0.0 | 107.686 | 7.224 | 0.0 | 352.753 | 2.487 | 0.0 | 125.124 | 3.146 | 0.0 | 1.448 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.154 | 0.0 |
| 3 | 15628 | 15629 | NS | 1 | 0.0 | 253.971 | 10.013 | 0.0 | 73.94 | 14.29 | 0.0 | 147.524 | 10.074 | 0.0 | 129.172 | 12.775 | 0.0 | 1.42 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.152 | 0.0 |
| 4 | 15628 | 15629 | SN | 1 | 0.0 | 30.013 | 13.089 | 0.138 | 26.025 | 13.143 | 0.0 | 152.429 | 10.555 | 0.0 | 85.452 | 13.082 | 0.0 | 1.44 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.131 | 0.0 |
| 5 | 15628 | 15629 | SN | 1 | 0.0 | 23.356 | 6.106 | 0.0 | 25.452 | 7.636 | 0.0 | 143.329 | 2.532 | 0.0 | 180.829 | 3.64 | 0.0 | 1.432 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.134 | 0.0 |
| 6 | 15628 | 15629 | SN | 1 | 0.0 | 30.013 | 13.089 | 0.138 | 26.439 | 13.143 | 0.0 | 152.429 | 10.555 | 0.0 | 85.452 | 13.082 | 0.0 | 1.44 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.131 | 0.0 |
| 7 | 15628 | 15629 | SN | 1 | 0.0 | 23.356 | 6.082 | 0.0 | 26.615 | 7.664 | 0.0 | 143.329 | 2.503 | 0.0 | 180.829 | 3.75 | 0.0 | 1.432 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.134 | 0.0 |
| 8 | 15628 | 15629 | NS | 1 | 0.0 | 198.165 | 5.86 | 0.0 | 107.686 | 7.224 | 0.0 | 352.753 | 2.489 | 0.0 | 125.124 | 3.146 | 0.0 | 1.448 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.154 | 0.0 |
| 9 | 15628 | 15629 | SN | 1 | 0.0 | 30.013 | 13.103 | 0.138 | 26.02 | 12.838 | 0.0 | 152.429 | 10.666 | 0.0 | 85.452 | 12.64 | 0.0 | 1.44 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.131 | 0.0 |
| 10 | 15628 | 15629 | SN | 1 | 0.0 | 23.356 | 6.084 | 0.0 | 26.61 | 7.671 | 0.0 | 143.329 | 2.503 | 0.0 | 180.829 | 3.76 | 0.0 | 1.432 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.134 | 0.0 |
| 11 | 15629 | 15630 | SN | 1 | 0.0 | 29.842 | 13.103 | 0.0 | 28.675 | 12.949 | 0.0 | 155.126 | 10.6 | 0.0 | 21.735 | 12.857 | 0.0 | 1.439 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.134 | 0.0 |
| 12 | 15629 | 15630 | NS | 1 | 0.0 | 211.564 | 9.956 | 0.0 | 31.375 | 14.145 | 0.0 | 141.126 | 10.076 | 0.0 | 34.48 | 12.598 | 0.0 | 1.427 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.151 | 0.0 |
| 13 | 15629 | 15630 | NS | 1 | 0.0 | 235.4 | 5.872 | 0.0 | 24.569 | 7.164 | 0.0 | 163.043 | 2.477 | 0.0 | 53.926 | 3.057 | 0.0 | 1.445 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.154 | 0.0 |
| 14 | 15629 | 15630 | NS | 1 | 0.0 | 235.4 | 5.881 | 0.0 | 24.569 | 7.162 | 0.0 | 228.362 | 2.474 | 0.0 | 53.942 | 3.057 | 0.0 | 1.445 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.154 | 0.0 |
| 15 | 15629 | 15630 | SN | 1 | 0.0 | 23.356 | 6.101 | 0.0 | 127.667 | 7.673 | 0.0 | 142.463 | 2.516 | 0.0 | 14.322 | 3.67 | 0.0 | 1.432 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.134 | 0.0 |
| 16 | 15629 | 15630 | SN | 1 | 0.0 | 23.356 | 6.094 | 0.0 | 127.667 | 7.694 | 0.0 | 142.463 | 2.502 | 0.0 | 48.946 | 3.765 | 0.0 | 1.432 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.134 | 0.0 |
| 17 | 15629 | 15630 | SN | 1 | 0.0 | 23.356 | 6.101 | 0.0 | 127.667 | 7.679 | 0.0 | 142.463 | 2.514 | 0.0 | 14.322 | 3.682 | 0.0 | 1.432 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.134 | 0.0 |
| 18 | 15629 | 15630 | SN | 1 | 0.0 | 29.842 | 13.104 | 0.0 | 28.675 | 13.061 | 0.0 | 155.126 | 10.545 | 0.0 | 70.377 | 13.053 | 0.0 | 1.439 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.134 | 0.0 |
| 19 | 15629 | 15630 | SN | 1 | 0.0 | 29.842 | 13.103 | 0.0 | 28.675 | 12.949 | 0.0 | 155.126 | 10.6 | 0.0 | 21.735 | 12.857 | 0.0 | 1.439 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.134 | 0.0 |
| 20 | 15629 | 15630 | NS | 1 | 0.0 | 211.569 | 9.967 | 0.0 | 31.375 | 14.186 | 0.0 | 141.088 | 10.09 | 0.0 | 34.491 | 12.619 | 0.0 | 1.427 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.151 | 0.0 |
| 21 | 15630 | 15631 | SN | 1 | 0.0 | 23.339 | 6.11 | 0.0 | 25.468 | 7.672 | 0.0 | 134.147 | 2.55 | 0.0 | 14.179 | 3.656 | 0.0 | 1.433 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.136 | 0.0 |
| 22 | 15630 | 15631 | SN | 1 | 0.0 | 23.339 | 6.094 | 0.0 | 26.676 | 7.696 | 0.0 | 134.147 | 2.539 | 0.0 | 73.62 | 3.759 | 0.0 | 1.433 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.15 | 0.0 |
| 23 | 15630 | 15631 | SN | 1 | 0.0 | 29.66 | 13.087 | 0.0 | 26.025 | 12.84 | 0.0 | 152.457 | 10.591 | 0.0 | 18.927 | 12.779 | 0.0 | 1.441 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.133 | 0.0 |
| 24 | 15630 | 15631 | NS | 1 | 0.0 | 264.108 | 9.936 | 0.0 | 31.391 | 14.193 | 0.0 | 355.847 | 10.078 | 0.0 | 36.377 | 12.641 | 0.0 | 1.426 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.151 | 0.0 |
| 25 | 15630 | 15631 | SN | 1 | 0.0 | 29.66 | 13.081 | 0.0 | 26.025 | 12.99 | 0.0 | 152.457 | 10.591 | 0.0 | 68.899 | 13.081 | 0.0 | 1.441 | 0.0 | 0.0 | 1.79 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.152 | 0.0 |
| 26 | 15630 | 15631 | SN | 1 | 0.0 | 23.339 | 6.107 | 0.0 | 25.926 | 7.669 | 0.0 | 134.147 | 2.548 | 0.0 | 73.62 | 3.761 | 0.0 | 1.433 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.15 | 0.0 |
| 27 | 15630 | 15631 | NS | 1 | 0.0 | 264.108 | 5.856 | 0.0 | 24.569 | 7.139 | 0.0 | 192.316 | 2.442 | 0.0 | 55.928 | 3.061 | 0.0 | 1.436 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.154 | 0.0 |
| 28 | 15630 | 15631 | SN | 1 | 0.0 | 29.66 | 13.073 | 0.0 | 26.455 | 13.04 | 0.0 | 152.457 | 10.517 | 0.0 | 74.877 | 13.081 | 0.0 | 1.441 | 0.0 | 0.0 | 1.79 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.152 | 0.0 |
| 29 | 15631 | 15632 | NS | 1 | 0.232 | 257.713 | 9.988 | 0.0 | 31.259 | 14.215 | 0.0 | 241.416 | 10.076 | 0.0 | 31.441 | 12.632 | 0.0 | 1.409 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.152 | 0.0 |
| 30 | 15631 | 15632 | SN | 1 | 0.0 | 23.339 | 6.082 | 0.0 | 26.602 | 7.516 | 0.0 | 187.278 | 2.469 | 0.0 | 71.215 | 3.845 | 0.0 | 1.452 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.188 | 0.0 |
| 31 | 15631 | 15632 | SN | 1 | 0.0 | 19.187 | 5.066 | 0.0 | 23.009 | 3.521 | 0.0 | 187.278 | 1.784 | 0.0 | 12.309 | 0.839 | 0.0 | 1.339 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.132 | 0.0 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 15631 | 15632 | SN | 1 | 0.0 | 20.494 | 5.706 | 0.0 | 26.602 | 4.919 | 0.0 | 187.278 | 1.606 | 0.0 | 71.215 | 1.715 | 0.0 | 1.369 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.133 | 0.0 |
| 33 | 15631 | 15632 | SN | 1 | 0.0 | 29.88 | 14.216 | 0.0 | 25.843 | 8.162 | 0.0 | 172.211 | 9.288 | 0.0 | 16.523 | 4.668 | 0.0 | 1.348 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.789 | 0.0 | 0.0 | 2.126 | 0.0 |
| 34 | 15631 | 15632 | SN | 1 | 0.0 | 29.88 | 15.03 | 0.0 | 26.45 | 9.944 | 0.0 | 172.211 | 8.605 | 0.0 | 68.099 | 6.689 | 0.0 | 1.348 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.813 | 0.0 | 0.0 | 2.132 | 0.0 |
| 35 | 15631 | 15632 | SN | 1 | 0.0 | 29.88 | 13.196 | 0.0 | 26.45 | 13.028 | 0.0 | 172.211 | 10.343 | 0.0 | 68.099 | 13.122 | 0.0 | 1.453 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.188 | 0.0 |
| 36 | 15631 | 15632 | NS | 1 | 0.0 | 244.075 | 8.587 | 0.0 | 31.259 | 14.427 | 0.0 | 150.0 | 7.844 | 0.0 | 31.441 | 14.705 | 0.0 | 1.424 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.149 | 0.0 |
| 37 | 15631 | 15632 | NS | 1 | 0.0 | 241.979 | 5.242 | 0.0 | 24.564 | 7.008 | 0.0 | 309.758 | 1.939 | 0.0 | 54.19 | 3.387 | 0.0 | 1.437 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.151 | 0.0 |
| 38 | 15631 | 15632 | NS | 1 | 0.0 | 257.642 | 5.847 | 0.0 | 24.564 | 7.127 | 0.0 | 309.687 | 2.417 | 0.0 | 56.634 | 3.056 | 0.0 | 1.453 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.156 | 0.0 |
| 39 | 15632 | 15633 | NS | 1 | 0.0 | 40.345 | 9.957 | 0.0 | 31.281 | 14.206 | 0.0 | 324.566 | 10.055 | 0.0 | 32.042 | 12.66 | 0.0 | 1.42 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.155 | 0.0 |
| 40 | 15632 | 15633 | NS | 1 | 0.0 | 45.264 | 5.874 | 0.0 | 24.569 | 7.131 | 0.0 | 321.141 | 2.424 | 0.0 | 67.211 | 3.069 | 0.0 | 1.447 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.152 | 0.0 |
| 41 | 15632 | 15633 | SN | 1 | 0.0 | 29.963 | 13.101 | 0.0 | 26.505 | 13.021 | 0.0 | 190.554 | 10.409 | 0.0 | 70.978 | 13.1 | 0.0 | 1.443 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.136 | 0.0 |
| 42 | 15632 | 15633 | SN | 1 | 0.0 | 29.963 | 13.101 | 0.0 | 26.505 | 13.021 | 0.0 | 190.554 | 10.409 | 0.0 | 70.939 | 13.1 | 0.0 | 1.443 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.136 | 0.0 |
| 43 | 15632 | 15633 | NS | 1 | 0.0 | 40.351 | 9.943 | 0.0 | 36.316 | 14.192 | 0.0 | 333.07 | 10.067 | 0.0 | 81.275 | 12.657 | 0.0 | 1.419 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.154 | 0.0 |
| 44 | 15632 | 15633 | SN | 1 | 0.0 | 29.963 | 13.131 | 0.0 | 25.954 | 12.648 | 0.0 | 190.554 | 10.587 | 0.0 | 16.793 | 12.444 | 0.0 | 1.443 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.136 | 0.0 |
| 45 | 15632 | 15633 | NS | 1 | 0.0 | 68.284 | 5.867 | 0.0 | 24.569 | 7.13 | 0.0 | 333.07 | 2.426 | 0.0 | 66.985 | 3.07 | 0.0 | 1.437 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.153 | 0.0 |
| 46 | 15632 | 15633 | SN | 1 | 0.0 | 23.339 | 6.107 | 0.0 | 26.538 | 7.719 | 0.0 | 204.265 | 2.512 | 0.0 | 72.473 | 3.788 | 0.0 | 1.433 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.136 | 0.0 |
| 47 | 15632 | 15633 | SN | 1 | 0.0 | 23.339 | 6.104 | 0.0 | 26.624 | 7.719 | 0.0 | 204.265 | 2.512 | 0.0 | 72.517 | 3.788 | 0.0 | 1.433 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.136 | 0.0 |
| 48 | 15632 | 15633 | SN | 1 | 0.0 | 23.339 | 6.124 | 0.0 | 25.441 | 7.646 | 0.0 | 204.265 | 2.552 | 0.0 | 13.093 | 3.642 | 0.0 | 1.433 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.136 | 0.0 |
| 49 | 15633 | 15634 | NS | 1 | 0.0 | 25.016 | 10.006 | 0.0 | 31.303 | 14.158 | 0.0 | 336.065 | 10.074 | 0.0 | 33.807 | 12.611 | 0.0 | 1.426 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.154 | 0.0 |
| 50 | 15633 | 15634 | SN | 1 | 0.0 | 23.351 | 6.091 | 0.0 | 26.665 | 7.698 | 0.0 | 141.526 | 2.54 | 0.0 | 51.405 | 3.768 | 0.0 | 1.434 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.134 | 0.0 |
| 51 | 15633 | 15634 | SN | 1 | 0.0 | 23.351 | 6.093 | 0.0 | 26.665 | 7.701 | 0.0 | 141.526 | 2.54 | 0.0 | 51.383 | 3.77 | 0.0 | 1.434 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.134 | 0.0 |
| 52 | 15633 | 15634 | SN | 1 | 0.0 | 29.891 | 13.135 | 0.16 | 25.882 | 12.567 | 0.0 | 149.997 | 10.722 | 0.0 | 241.736 | 12.364 | 0.0 | 1.443 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.134 | 0.0 |
| 53 | 15633 | 15634 | NS | 1 | 0.0 | 25.016 | 10.027 | 0.0 | 31.303 | 14.168 | 0.0 | 334.697 | 10.081 | 0.0 | 33.785 | 12.633 | 0.0 | 1.426 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.154 | 0.0 |
| 54 | 15633 | 15634 | SN | 1 | 0.0 | 29.891 | 13.091 | 0.16 | 27.161 | 13.055 | 0.0 | 149.997 | 10.462 | 0.0 | 241.736 | 13.182 | 0.0 | 1.443 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.134 | 0.0 |
| 55 | 15633 | 15634 | SN | 1 | 0.0 | 29.891 | 13.091 | 0.16 | 27.161 | 13.055 | 0.0 | 149.997 | 10.462 | 0.0 | 241.736 | 13.182 | 0.0 | 1.443 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.134 | 0.0 |
| 56 | 15633 | 15634 | SN | 1 | 0.0 | 23.351 | 6.126 | 0.0 | 25.452 | 7.611 | 0.0 | 141.526 | 2.606 | 0.0 | 42.005 | 3.589 | 0.0 | 1.434 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.134 | 0.0 |
| 57 | 15633 | 15634 | NS | 1 | 0.0 | 25.854 | 5.852 | 0.0 | 24.569 | 7.125 | 0.0 | 302.054 | 2.427 | 0.0 | 75.346 | 3.059 | 0.0 | 1.448 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.153 | 0.0 |
| 58 | 15633 | 15634 | NS | 1 | 0.0 | 25.849 | 5.85 | 0.0 | 24.564 | 7.123 | 0.0 | 301.91 | 2.427 | 0.0 | 75.274 | 3.061 | 0.0 | 1.448 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.153 | 0.0 |
| 59 | 15634 | 15635 | SN | 1 | 0.0 | 29.549 | 13.086 | 0.0 | 26.455 | 13.095 | 0.0 | 137.897 | 10.496 | 0.0 | 66.489 | 13.095 | 0.0 | 1.44 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.133 | 0.0 |
| 60 | 15634 | 15635 | SN | 1 | 0.0 | 23.345 | 6.107 | 0.0 | 26.759 | 7.685 | 0.0 | 127.959 | 2.528 | 0.0 | 56.363 | 3.77 | 0.0 | 1.432 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.133 | 0.0 |
| 61 | 15634 | 15635 | SN | 1 | 0.0 | 23.345 | 6.109 | 0.0 | 26.759 | 7.691 | 0.0 | 127.965 | 2.525 | 0.0 | 56.441 | 3.777 | 0.0 | 1.434 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.134 | 0.0 |
| 62 | 15634 | 15635 | SN | 1 | 0.0 | 29.544 | 13.098 | 0.0 | 26.455 | 13.065 | 0.0 | 137.897 | 10.489 | 0.0 | 66.439 | 13.088 | 0.0 | 1.439 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.133 | 0.0 |
| 63 | 15634 | 15635 | NS | 1 | 0.0 | 25.838 | 5.877 | 0.0 | 24.569 | 7.169 | 0.0 | 296.153 | 2.44 | 0.0 | 54.587 | 3.061 | 0.0 | 1.45 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.154 | 0.0 |
| 64 | 15634 | 15635 | NS | 1 | 0.0 | 158.479 | 9.908 | 0.0 | 31.336 | 14.187 | 0.0 | 274.253 | 10.054 | 0.0 | 34.794 | 12.613 | 0.0 | 1.421 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.154 | 0.0 |
| 65 | 15634 | 15635 | NS | 1 | 0.0 | 207.262 | 9.898 | 0.0 | 31.336 | 14.167 | 0.0 | 138.468 | 10.04 | 0.0 | 34.767 | 12.656 | 0.0 | 1.425 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.153 | 0.0 |
| 66 | 15634 | 15635 | SN | 1 | 0.0 | 29.549 | 13.175 | 0.0 | 25.711 | 12.428 | 0.0 | 137.897 | 10.785 | 0.0 | 14.802 | 12.116 | 0.0 | 1.44 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.133 | 0.0 |
| 67 | 15634 | 15635 | NS | 1 | 0.0 | 80.919 | 5.872 | 0.0 | 24.569 | 7.162 | 0.0 | 296.291 | 2.442 | 0.0 | 54.339 | 3.065 | 0.0 | 1.441 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.154 | 0.0 |
| 68 | 15634 | 15635 | SN | 1 | 0.0 | 23.345 | 6.151 | 0.0 | 25.463 | 7.606 | 0.0 | 127.965 | 2.605 | 0.0 | 13.065 | 3.52 | 0.0 | 1.434 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.134 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | 15635 | 15636 | NS | 1 | 0.0 | 153.882 | 9.969 | 0.0 | 31.386 | 14.228 | 0.0 | 210.362 | 10.091 | 0.0 | 36.046 | 12.628 | 0.0 | 1.426 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.155 | 0.0 |
| 70 | 15635 | 15636 | NS | 1 | 0.0 | 150.565 | 5.886 | 0.0 | 24.575 | 7.18 | 0.0 | 349.003 | 2.44 | 0.0 | 57.378 | 3.075 | 0.0 | 1.443 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.155 | 0.0 |
| 71 | 15635 | 15636 | NS | 1 | 0.0 | 141.945 | 5.874 | 0.0 | 24.569 | 7.183 | 0.0 | 348.97 | 2.447 | 0.0 | 57.334 | 3.064 | 0.0 | 1.442 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.154 | 0.0 |
| 72 | 15635 | 15636 | SN | 1 | 0.0 | 29.428 | 13.077 | 0.0 | 26.489 | 13.054 | 0.0 | 140.881 | 10.468 | 0.0 | 167.852 | 13.067 | 0.0 | 1.441 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.136 | 0.0 |
| 73 | 15635 | 15636 | SN | 1 | 0.0 | 23.345 | 6.133 | 0.0 | 25.457 | 7.589 | 0.0 | 121.617 | 2.512 | 0.0 | 143.349 | 3.451 | 0.0 | 1.434 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.133 | 0.0 |
| 74 | 15635 | 15636 | SN | 1 | 0.0 | 29.428 | 13.208 | 0.0 | 24.101 | 12.281 | 0.0 | 140.881 | 10.819 | 0.0 | 167.852 | 11.934 | 0.0 | 1.441 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.136 | 0.0 |
| 75 | 15635 | 15636 | SN | 1 | 0.0 | 23.345 | 6.098 | 0.0 | 26.72 | 7.652 | 0.0 | 121.617 | 2.422 | 0.0 | 143.349 | 3.75 | 0.0 | 1.434 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.133 | 0.0 |
| 76 | 15635 | 15636 | SN | 1 | 0.0 | 29.428 | 13.077 | 0.0 | 26.489 | 13.054 | 0.0 | 140.881 | 10.468 | 0.0 | 167.852 | 13.067 | 0.0 | 1.441 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.134 | 0.0 |
| 77 | 15635 | 15636 | SN | 1 | 0.0 | 23.345 | 6.098 | 0.0 | 26.72 | 7.652 | 0.0 | 121.617 | 2.422 | 0.0 | 143.349 | 3.746 | 0.0 | 1.434 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.133 | 0.0 |
| 78 | 15635 | 15636 | NS | 1 | 0.0 | 219.527 | 9.918 | 0.0 | 31.386 | 14.208 | 0.0 | 219.919 | 10.076 | 0.0 | 36.018 | 12.649 | 0.0 | 1.425 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.154 | 0.0 |
| 79 | 15636 | 15637 | NS | 1 | 0.0 | 25.772 | 5.858 | 0.0 | 24.58 | 7.129 | 0.0 | 352.064 | 2.435 | 0.0 | 65.794 | 3.083 | 0.0 | 1.446 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.152 | 0.0 |
| 80 | 15636 | 15637 | NS | 1 | 0.265 | 244.042 | 9.948 | 0.0 | 31.287 | 14.287 | 0.0 | 353.581 | 10.097 | 0.0 | 31.7 | 12.639 | 0.0 | 1.418 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.155 | 0.0 |
| 81 | 15636 | 15637 | SN | 1 | 0.0 | 29.875 | 13.116 | 0.0 | 26.505 | 13.071 | 0.0 | 137.147 | 10.388 | 0.0 | 74.177 | 13.058 | 0.0 | 1.442 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.135 | 0.0 |
| 82 | 15636 | 15637 | NS | 1 | 0.0 | 25.772 | 5.858 | 0.0 | 24.58 | 7.129 | 0.0 | 352.064 | 2.435 | 0.0 | 65.794 | 3.083 | 0.0 | 1.446 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.152 | 0.0 |
| 83 | 15636 | 15637 | SN | 1 | 0.0 | 29.875 | 13.116 | 0.0 | 26.505 | 13.071 | 0.0 | 137.147 | 10.388 | 0.0 | 74.177 | 13.058 | 0.0 | 1.442 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.135 | 0.0 |
| 84 | 15636 | 15637 | NS | 1 | 0.265 | 244.042 | 9.948 | 0.0 | 31.287 | 14.287 | 0.0 | 353.581 | 10.097 | 0.0 | 31.7 | 12.639 | 0.0 | 1.418 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.155 | 0.0 |
| 85 | 15636 | 15637 | SN | 1 | 0.0 | 23.351 | 6.081 | 0.0 | 26.77 | 7.649 | 0.0 | 150.775 | 2.508 | 0.0 | 74.916 | 3.746 | 0.0 | 1.433 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.134 | 0.0 |
| 86 | 15636 | 15637 | SN | 1 | 0.0 | 23.351 | 6.081 | 0.0 | 26.77 | 7.649 | 0.0 | 150.775 | 2.508 | 0.0 | 74.916 | 3.746 | 0.0 | 1.433 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.134 | 0.0 |
| 87 | 15637 | 15638 | NS | 1 | 0.0 | 158.496 | 5.867 | 0.0 | 24.575 | 7.157 | 0.0 | 354.717 | 2.414 | 0.0 | 63.726 | 3.048 | 0.0 | 1.44 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.153 | 0.0 |
| 88 | 15637 | 15638 | SN | 1 | 0.0 | 23.35 | 6.08 | 0.0 | 193.455 | 7.671 | 0.0 | 155.876 | 2.523 | 0.0 | 76.965 | 3.756 | 0.0 | 1.435 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.134 | 0.0 |
| 89 | 15637 | 15638 | NS | 1 | 0.0 | 158.496 | 9.912 | 0.0 | 31.309 | 14.214 | 0.0 | 354.717 | 10.074 | 0.0 | 78.705 | 12.601 | 0.0 | 1.425 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.153 | 0.0 |
| 90 | 15637 | 15638 | NS | 1 | 0.0 | 158.496 | 9.912 | 0.0 | 31.309 | 14.214 | 0.0 | 354.717 | 10.074 | 0.0 | 78.705 | 12.601 | 0.0 | 1.425 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.153 | 0.0 |
| 91 | 15637 | 15638 | SN | 1 | 0.0 | 29.913 | 13.11 | 0.16 | 54.695 | 13.136 | 0.0 | 148.701 | 10.42 | 0.0 | 239.922 | 13.062 | 0.0 | 1.445 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.132 | 0.0 |
| 92 | 15637 | 15638 | NS | 1 | 0.0 | 158.496 | 5.867 | 0.0 | 24.575 | 7.157 | 0.0 | 354.717 | 2.414 | 0.0 | 63.726 | 3.048 | 0.0 | 1.44 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.153 | 0.0 |
| 93 | 15638 | 15639 | NS | 1 | 0.0 | 156.604 | 5.874 | 0.0 | 24.569 | 7.139 | 0.0 | 353.095 | 2.416 | 0.0 | 66.219 | 3.048 | 0.0 | 1.447 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.154 | 0.0 |
| 94 | 15638 | 15639 | SN | 1 | 0.0 | 30.029 | 13.09 | 0.0 | 229.052 | 13.135 | 0.0 | 150.052 | 10.455 | 0.0 | 174.194 | 13.149 | 0.0 | 1.445 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.132 | 0.0 |
| 95 | 15638 | 15639 | NS | 1 | 0.0 | 156.604 | 5.895 | 0.0 | 24.569 | 7.15 | 0.0 | 353.095 | 2.431 | 0.0 | 16.402 | 3.018 | 0.0 | 1.447 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.154 | 0.0 |
| 96 | 15638 | 15639 | SN | 1 | 0.0 | 23.328 | 6.104 | 0.0 | 229.03 | 7.7 | 0.0 | 141.438 | 2.536 | 0.0 | 268.443 | 3.779 | 0.0 | 1.435 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.134 | 0.0 |
| 97 | 15638 | 15639 | NS | 1 | 0.0 | 206.529 | 9.965 | 0.0 | 30.652 | 14.168 | 0.0 | 359.686 | 10.046 | 0.0 | 33.79 | 12.604 | 0.0 | 1.425 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.156 | 0.0 |
| 98 | 15638 | 15639 | NS | 1 | 0.0 | 206.529 | 9.95 | 0.0 | 30.448 | 14.145 | 0.0 | 359.686 | 10.092 | 0.0 | 26.163 | 12.572 | 0.0 | 1.425 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.156 | 0.0 |
| 99 | 15639 | 15640 | NS | 1 | 0.0 | 24.591 | 9.928 | 0.0 | 31.353 | 14.209 | 0.0 | 138.738 | 10.097 | 0.0 | 34.877 | 12.663 | 0.0 | 1.415 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.154 | 0.0 |
| 100 | 15639 | 15640 | SN | 1 | 0.0 | 29.445 | 13.056 | 0.0 | 26.455 | 13.064 | 0.0 | 137.897 | 10.538 | 0.0 | 66.825 | 13.06 | 0.0 | 1.444 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.134 | 0.0 |
| 101 | 15639 | 15640 | NS | 1 | 0.0 | 24.591 | 9.984 | 0.0 | 29.853 | 13.846 | 0.0 | 138.738 | 10.336 | 0.0 | 14.4 | 12.271 | 0.0 | 1.415 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.154 | 0.0 |
| 102 | 15639 | 15640 | SN | 1 | 0.0 | 23.345 | 6.125 | 0.0 | 225.87 | 7.703 | 0.0 | 129.034 | 2.54 | 0.0 | 156.921 | 3.774 | 0.0 | 1.435 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.134 | 0.0 |
| 103 | 15639 | 15640 | NS | 1 | 0.0 | 25.854 | 5.87 | 0.0 | 24.569 | 7.153 | 0.0 | 130.168 | 2.44 | 0.0 | 54.78 | 3.071 | 0.0 | 1.444 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.154 | 0.0 |
| 104 | 15639 | 15640 | NS | 1 | 0.0 | 25.854 | 5.988 | 0.0 | 24.569 | 7.214 | 0.0 | 130.168 | 2.52 | 0.0 | 12.9 | 3.021 | 0.0 | 1.444 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.154 | 0.0 |
| 105 | 15640 | 15641 | NS | 1 | 0.0 | 81.399 | 10.058 | 0.0 | 29.853 | 13.771 | 0.0 | 263.085 | 10.684 | 0.0 | 14.107 | 12.259 | 0.0 | 1.428 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.156 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106 | 15640 | 15641 | SN | 1 | 0.0 | 23.362 | 6.103 | 0.0 | 171.216 | 7.716 | 0.0 | 142.094 | 2.539 | 0.0 | 74.712 | 3.763 | 0.0 | 1.436 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.134 | 0.0 |
| 107 | 15640 | 15641 | NS | 1 | 0.0 | 122.778 | 5.846 | 0.0 | 24.575 | 7.188 | 0.0 | 341.552 | 2.433 | 0.0 | 53.551 | 3.086 | 0.0 | 1.45 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.154 | 0.0 |
| 108 | 15640 | 15641 | NS | 1 | 0.221 | 81.399 | 9.926 | 0.0 | 31.242 | 14.27 | 0.0 | 263.085 | 10.052 | 0.0 | 76.703 | 12.691 | 0.0 | 1.428 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.156 | 0.0 |
| 109 | 15640 | 15641 | SN | 1 | 0.0 | 29.5 | 13.034 | 0.0 | 78.889 | 13.054 | 0.0 | 139.64 | 10.516 | 0.0 | 74.91 | 13.046 | 0.0 | 1.441 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.135 | 0.0 |
| 110 | 15640 | 15641 | NS | 1 | 0.0 | 122.778 | 6.171 | 0.0 | 24.575 | 7.336 | 0.0 | 341.552 | 2.613 | 0.0 | 12.9 | 3.141 | 0.0 | 1.45 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.154 | 0.0 |
| 111 | 15641 | 15642 | NS | 1 | 0.0 | 25.755 | 5.851 | 0.0 | 24.569 | 7.15 | 0.0 | 350.387 | 2.459 | 0.0 | 62.816 | 3.088 | 0.0 | 1.442 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.154 | 0.0 |
| 112 | 15641 | 15642 | NS | 1 | 0.0 | 123.842 | 10.228 | 0.0 | 29.858 | 13.835 | 0.0 | 353.696 | 11.317 | 0.0 | 14.107 | 12.455 | 0.0 | 1.426 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.154 | 0.0 |
| 113 | 15641 | 15642 | SN | 1 | 0.0 | 29.952 | 13.188 | 0.132 | 25.612 | 12.361 | 0.0 | 139.767 | 10.733 | 0.0 | 211.001 | 12.051 | 0.0 | 1.444 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.138 | 0.0 |
| 114 | 15641 | 15642 | SN | 1 | 0.0 | 29.952 | 13.185 | 0.0 | 25.65 | 12.217 | 0.0 | 139.767 | 10.733 | 0.0 | 211.001 | 11.914 | 0.0 | 1.444 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.138 | 0.0 |
| 115 | 15641 | 15642 | NS | 1 | 0.226 | 123.842 | 9.955 | 0.0 | 31.298 | 14.26 | 0.0 | 353.696 | 10.047 | 0.0 | 72.324 | 12.762 | 0.0 | 1.426 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.154 | 0.0 |
| 116 | 15641 | 15642 | NS | 1 | 0.0 | 25.755 | 6.457 | 0.0 | 24.569 | 7.517 | 0.0 | 350.387 | 2.797 | 0.0 | 12.911 | 3.324 | 0.0 | 1.442 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.154 | 0.0 |
| 117 | 15641 | 15642 | SN | 1 | 0.0 | 23.351 | 6.169 | 0.0 | 25.435 | 7.605 | 0.0 | 147.03 | 2.613 | 0.0 | 13.098 | 3.468 | 0.0 | 1.437 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.135 | 0.0 |
| 118 | 15641 | 15642 | SN | 1 | 0.0 | 23.351 | 6.169 | 0.0 | 25.435 | 7.425 | 0.0 | 147.03 | 2.613 | 0.0 | 13.098 | 3.409 | 0.0 | 1.437 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.135 | 0.0 |
| 119 | 15642 | 15643 | SN | 1 | 0.0 | 59.59 | 13.167 | 0.0 | 25.909 | 12.645 | 0.0 | 147.471 | 10.819 | 0.0 | 57.182 | 12.303 | 0.0 | 1.444 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.132 | 0.0 |
| 120 | 15642 | 15643 | NS | 1 | 0.0 | 24.591 | 9.932 | 0.0 | 31.336 | 14.187 | 0.0 | 243.843 | 10.139 | 0.0 | 33.669 | 12.771 | 0.0 | 1.427 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.156 | 0.0 |
| 121 | 15642 | 15643 | NS | 1 | 0.0 | 26.618 | 5.856 | 0.0 | 24.575 | 7.173 | 0.0 | 352.836 | 2.457 | 0.0 | 65.584 | 3.087 | 0.0 | 1.445 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.155 | 0.0 |
| 122 | 15642 | 15643 | SN | 1 | 0.0 | 57.069 | 6.114 | 0.0 | 26.676 | 7.664 | 0.0 | 135.112 | 2.539 | 0.0 | 71.188 | 3.758 | 0.0 | 1.434 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.134 | 0.0 |
| 123 | 15642 | 15643 | SN | 1 | 0.0 | 57.075 | 6.105 | 0.0 | 149.644 | 7.669 | 0.0 | 135.206 | 2.538 | 0.0 | 256.434 | 3.765 | 0.0 | 1.433 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.133 | 0.0 |
| 124 | 15642 | 15643 | NS | 1 | 0.0 | 24.602 | 9.927 | 0.006 | 31.336 | 14.223 | 0.0 | 260.901 | 10.125 | 0.0 | 34.0 | 12.755 | 0.0 | 1.428 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.158 | 0.0 |
| 125 | 15642 | 15643 | SN | 1 | 0.0 | 59.59 | 13.119 | 0.0 | 27.161 | 13.161 | 0.0 | 147.471 | 10.554 | 0.0 | 76.002 | 13.106 | 0.0 | 1.444 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.132 | 0.0 |
| 126 | 15642 | 15643 | SN | 1 | 0.0 | 59.59 | 13.109 | 0.0 | 149.644 | 13.171 | 0.0 | 147.603 | 10.518 | 0.0 | 76.002 | 13.099 | 0.0 | 1.443 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.132 | 0.0 |
| 127 | 15642 | 15643 | SN | 1 | 0.0 | 57.069 | 6.135 | 0.0 | 25.457 | 7.593 | 0.0 | 135.112 | 2.606 | 0.0 | 40.742 | 3.594 | 0.0 | 1.434 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.134 | 0.0 |
| 128 | 15642 | 15643 | NS | 1 | 0.0 | 26.602 | 5.859 | 0.0 | 24.569 | 7.169 | 0.0 | 349.031 | 2.446 | 0.0 | 65.584 | 3.089 | 0.0 | 1.444 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.158 | 0.0 |
| 129 | 15643 | 15644 | SN | 1 | 0.0 | 23.362 | 6.093 | 0.0 | 26.698 | 7.697 | 0.0 | 138.901 | 2.51 | 0.0 | 180.79 | 3.747 | 0.0 | 1.434 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.134 | 0.0 |
| 130 | 15643 | 15644 | NS | 1 | 0.0 | 211.801 | 9.933 | 0.0 | 31.364 | 14.176 | 0.0 | 355.809 | 10.053 | 0.0 | 34.237 | 12.679 | 0.0 | 1.415 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.155 | 0.0 |
| 131 | 15643 | 15644 | SN | 1 | 0.0 | 29.897 | 13.109 | 0.0 | 27.15 | 13.094 | 0.0 | 147.57 | 10.484 | 0.0 | 152.432 | 13.134 | 0.0 | 1.445 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.137 | 0.0 |
| 132 | 15643 | 15644 | SN | 1 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 133 | 15643 | 15644 | NS | 1 | 0.0 | 160.556 | 5.845 | 0.0 | 24.575 | 7.152 | 0.0 | 353.327 | 2.428 | 0.0 | 52.867 | 3.056 | 0.0 | 1.447 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.154 | 0.0 |
| 134 | 15643 | 15644 | SN | 1 | 0.0 | 29.897 | 13.12 | 0.0 | 26.042 | 12.944 | 0.0 | 147.57 | 10.556 | 0.0 | 152.432 | 12.887 | 0.0 | 1.445 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.137 | 0.0 |
| 135 | 15643 | 15644 | SN | 1 | 0.0 | 23.362 | 6.102 | 0.0 | 25.722 | 7.672 | 0.0 | 138.901 | 2.528 | 0.0 | 180.79 | 3.655 | 0.0 | 1.434 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.134 | 0.0 |
| 136 | 15644 | 15645 | SN | 1 | 0.0 | 23.351 | 6.121 | 0.0 | 26.086 | 7.7 | 0.0 | 131.422 | 2.556 | 0.0 | 14.427 | 3.683 | 0.0 | 1.434 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.136 | 0.0 |
| 137 | 15644 | 15645 | NS | 1 | 0.0 | 219.583 | 5.861 | 0.0 | 24.569 | 7.122 | 0.0 | 348.788 | 2.417 | 0.0 | 56.071 | 3.073 | 0.0 | 1.446 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.153 | 0.0 |
| 138 | 15644 | 15645 | SN | 1 | 0.0 | 23.351 | 6.121 | 0.0 | 26.086 | 7.7 | 0.0 | 131.422 | 2.556 | 0.0 | 14.427 | 3.685 | 0.0 | 1.434 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.136 | 0.0 |
| 139 | 15644 | 15645 | NS | 1 | 0.0 | 90.84 | 9.936 | 0.0 | 31.402 | 14.196 | 0.0 | 210.83 | 10.048 | 0.0 | 35.384 | 12.585 | 0.0 | 1.414 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.153 | 0.0 |
| 140 | 15644 | 15645 | NS | 1 | 0.0 | 158.112 | 9.945 | 0.0 | 31.408 | 14.174 | 0.0 | 137.878 | 10.033 | 0.0 | 35.401 | 12.563 | 0.0 | 1.426 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.153 | 0.0 |
| 141 | 15644 | 15645 | NS | 1 | 0.0 | 156.565 | 5.87 | 0.0 | 24.569 | 7.118 | 0.0 | 348.805 | 2.416 | 0.0 | 56.104 | 3.077 | 0.0 | 1.446 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.153 | 0.0 |
| 142 | 15644 | 15645 | SN | 1 | 0.0 | 29.533 | 13.123 | 0.0 | 270.227 | 12.912 | 0.0 | 137.142 | 10.597 | 0.0 | 20.019 | 12.869 | 0.0 | 1.441 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.132 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 143 | 15644 | 15645 | SN | 1 | 0.0 | 23.351 | 6.109 | 0.0 | 26.759 | 7.719 | 0.0 | 131.422 | 2.54 | 0.0 | 73.068 | 3.772 | 0.0 | 1.434 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.136 | 0.0 |
| 144 | 15644 | 15645 | SN | 1 | 0.0 | 29.533 | 13.12 | 0.0 | 270.227 | 12.94 | 0.0 | 137.142 | 10.597 | 0.0 | 21.867 | 12.922 | 0.0 | 1.441 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.132 | 0.0 |
| 145 | 15644 | 15645 | SN | 1 | 0.0 | 29.533 | 13.085 | 0.0 | 270.227 | 13.083 | 0.0 | 137.142 | 10.532 | 0.0 | 64.575 | 13.124 | 0.0 | 1.441 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.132 | 0.0 |
| 146 | 15645 | 15646 | SN | 1 | 0.0 | 23.367 | 6.129 | 0.0 | 43.516 | 7.729 | 0.0 | 169.277 | 2.532 | 0.0 | 71.827 | 3.789 | 0.0 | 1.429 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.19 | 0.0 |
| 147 | 15645 | 15646 | SN | 1 | 0.0 | 30.035 | 12.932 | 0.0 | 26.02 | 12.691 | 0.0 | 122.51 | 10.041 | 0.0 | 18.492 | 12.183 | 0.0 | 1.442 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.138 | 0.0 |
| 148 | 15645 | 15646 | SN | 1 | 0.0 | 30.035 | 12.924 | 0.0 | 26.02 | 12.896 | 0.0 | 122.51 | 9.964 | 0.0 | 68.54 | 12.562 | 0.0 | 1.442 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.138 | 0.0 |
| 149 | 15645 | 15646 | NS | 1 | 0.21 | 103.166 | 9.917 | 0.0 | 31.27 | 14.216 | 0.0 | 351.926 | 9.984 | 0.0 | 31.424 | 12.539 | 0.0 | 1.418 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.151 | 0.0 |
| 150 | 15645 | 15646 | NS | 1 | 0.21 | 103.166 | 9.917 | 0.0 | 31.27 | 14.216 | 0.0 | 351.926 | 9.984 | 0.0 | 31.424 | 12.539 | 0.0 | 1.418 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.151 | 0.0 |
| 151 | 15645 | 15646 | NS | 1 | 0.0 | 159.574 | 5.837 | 0.0 | 24.569 | 7.087 | 0.0 | 141.021 | 2.383 | 0.0 | 54.014 | 3.048 | 0.0 | 1.447 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.154 | 0.0 |
| 152 | 15645 | 15646 | NS | 1 | 0.0 | 159.574 | 5.837 | 0.0 | 24.569 | 7.087 | 0.0 | 141.021 | 2.383 | 0.0 | 54.014 | 3.048 | 0.0 | 1.447 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.154 | 0.0 |
| 153 | 15645 | 15646 | SN | 1 | 0.171 | 30.035 | 13.096 | 0.0 | 26.02 | 13.091 | 0.0 | 122.51 | 10.479 | 0.0 | 68.54 | 13.179 | 0.0 | 1.442 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.193 | 0.0 |
| 154 | 15645 | 15646 | SN | 1 | 0.0 | 23.301 | 5.988 | 0.0 | 43.516 | 7.468 | 0.0 | 169.277 | 2.424 | 0.0 | 13.098 | 3.422 | 0.0 | 1.429 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.136 | 0.0 |
| 155 | 15645 | 15646 | SN | 1 | 0.0 | 23.301 | 5.971 | 0.0 | 43.516 | 7.493 | 0.0 | 169.277 | 2.404 | 0.0 | 71.827 | 3.549 | 0.0 | 1.429 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.136 | 0.0 |
| 156 | 15646 | 15647 | SN | 1 | 0.0 | 23.362 | 6.134 | 0.0 | 25.446 | 7.646 | 0.0 | 139.32 | 2.604 | 0.0 | 13.098 | 3.677 | 0.0 | 1.435 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.136 | 0.0 |
| 157 | 15646 | 15647 | NS | 1 | 0.0 | 26.913 | 5.846 | 0.0 | 24.569 | 7.09 | 0.0 | 354.661 | 2.366 | 0.0 | 43.563 | 3.045 | 0.0 | 1.449 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.152 | 0.0 |
| 158 | 15646 | 15647 | SN | 1 | 0.0 | 23.362 | 6.125 | 0.0 | 26.527 | 7.69 | 0.0 | 139.32 | 2.57 | 0.0 | 72.831 | 3.803 | 0.0 | 1.435 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.136 | 0.0 |
| 159 | 15646 | 15647 | NS | 1 | 0.0 | 25.672 | 5.839 | 0.0 | 24.569 | 7.073 | 0.0 | 319.299 | 2.372 | 0.0 | 62.7 | 3.049 | 0.0 | 1.447 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.153 | 0.0 |
| 160 | 15646 | 15647 | NS | 1 | 0.0 | 26.031 | 9.942 | 0.0 | 31.336 | 14.154 | 0.0 | 354.661 | 10.017 | 0.0 | 72.335 | 12.623 | 0.0 | 1.4 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.153 | 0.0 |
| 161 | 15646 | 15647 | SN | 1 | 0.0 | 29.952 | 13.155 | 0.0 | 25.954 | 12.737 | 0.0 | 128.207 | 10.67 | 0.0 | 17.742 | 12.624 | 0.0 | 1.441 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.135 | 0.0 |
| 162 | 15646 | 15647 | SN | 1 | 0.0 | 23.362 | 6.12 | 0.0 | 26.527 | 7.69 | 0.0 | 139.336 | 2.572 | 0.0 | 72.831 | 3.805 | 0.0 | 1.435 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.136 | 0.0 |
| 163 | 15646 | 15647 | SN | 1 | 0.0 | 29.952 | 13.132 | 0.0 | 26.444 | 13.041 | 0.0 | 128.218 | 10.521 | 0.0 | 69.93 | 13.157 | 0.0 | 1.441 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.135 | 0.0 |
| 164 | 15646 | 15647 | NS | 1 | 0.259 | 26.031 | 9.899 | 0.0 | 31.292 | 14.218 | 0.0 | 321.649 | 10.019 | 0.0 | 31.866 | 12.561 | 0.0 | 1.418 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.153 | 0.0 |
| 165 | 15646 | 15647 | SN | 1 | 0.0 | 29.952 | 13.132 | 0.0 | 26.444 | 13.051 | 0.0 | 128.207 | 10.529 | 0.0 | 69.93 | 13.157 | 0.0 | 1.441 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.135 | 0.0 |
| 166 | 15647 | 15648 | NS | 1 | 0.0 | 25.865 | 5.835 | 0.0 | 24.569 | 7.078 | 0.0 | 313.023 | 2.385 | 0.0 | 47.688 | 3.052 | 0.0 | 1.444 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.153 | 0.0 |
| 167 | 15647 | 15648 | SN | 1 | 0.0 | 29.913 | 13.113 | 0.0 | 54.695 | 13.077 | 0.0 | 146.765 | 10.462 | 0.0 | 118.642 | 13.184 | 0.0 | 1.445 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.136 | 0.0 |
| 168 | 15647 | 15648 | SN | 1 | 0.0 | 29.908 | 13.174 | 0.0 | 156.91 | 12.627 | 0.0 | 146.693 | 10.708 | 0.0 | 61.953 | 12.497 | 0.0 | 1.446 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.136 | 0.0 |
| 169 | 15647 | 15648 | SN | 1 | 0.0 | 29.908 | 13.133 | 0.0 | 156.91 | 13.087 | 0.0 | 146.693 | 10.483 | 0.0 | 72.997 | 13.199 | 0.0 | 1.446 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.136 | 0.0 |
| 170 | 15647 | 15648 | SN | 1 | 0.0 | 23.356 | 6.103 | 0.0 | 172.264 | 7.719 | 0.0 | 134.009 | 2.567 | 0.0 | 262.936 | 3.781 | 0.0 | 1.435 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.137 | 0.0 |
| 171 | 15647 | 15648 | SN | 1 | 0.0 | 23.356 | 6.118 | 0.0 | 172.264 | 7.635 | 0.0 | 134.009 | 2.623 | 0.0 | 262.936 | 3.646 | 0.0 | 1.435 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.137 | 0.0 |
| 172 | 15647 | 15648 | NS | 1 | 0.0 | 24.575 | 9.975 | 0.0 | 31.303 | 14.115 | 0.0 | 330.004 | 10.06 | 0.0 | 33.63 | 12.557 | 0.0 | 1.426 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.152 | 0.0 |
| 173 | 15647 | 15648 | NS | 1 | 0.0 | 52.961 | 5.823 | 0.0 | 24.569 | 7.07 | 0.0 | 335.795 | 2.382 | 0.0 | 58.327 | 3.046 | 0.0 | 1.446 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.153 | 0.0 |
| 174 | 15647 | 15648 | SN | 1 | 0.0 | 23.356 | 6.105 | 0.0 | 193.439 | 7.721 | 0.0 | 134.064 | 2.564 | 0.0 | 66.913 | 3.792 | 0.0 | 1.435 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.137 | 0.0 |
| 175 | 15647 | 15648 | NS | 1 | 0.0 | 96.231 | 9.939 | 0.0 | 34.8 | 14.193 | 0.0 | 337.438 | 10.02 | 0.0 | 73.294 | 12.524 | 0.0 | 1.43 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.153 | 0.0 |
| 176 | 15648 | 15649 | NS | 1 | 0.0 | 159.745 | 9.945 | 0.0 | 31.325 | 14.155 | 0.0 | 355.825 | 10.039 | 0.0 | 34.403 | 12.592 | 0.0 | 1.426 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.153 | 0.0 |
| 177 | 15648 | 15649 | NS | 1 | 0.0 | 238.571 | 5.865 | 0.0 | 24.569 | 7.122 | 0.0 | 333.964 | 2.388 | 0.0 | 37.783 | 3.046 | 0.0 | 1.446 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.153 | 0.0 |
| 178 | 15648 | 15649 | NS | 1 | 0.0 | 219.45 | 5.867 | 0.0 | 24.569 | 7.093 | 0.0 | 347.409 | 2.386 | 0.0 | 48.488 | 3.053 | 0.0 | 1.44 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.153 | 0.0 |
| 179 | 15648 | 15649 | SN | 1 | 0.0 | 23.334 | 6.105 | 0.0 | 266.631 | 7.705 | 0.0 | 135.487 | 2.564 | 0.0 | 71.455 | 3.787 | 0.0 | 1.435 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.135 | 0.0 |

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

Normal  Deviations
Alarming  High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 15648 | 15649 | SN | 1 | 0.0 | 29.836 | 13.138 | 0.0 | 181.799 | 12.795 | 0.0 | 140.572 | 10.571 | 0.0 | 57.111 | 12.695 | 0.0 | 1.446 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.136 | 0.0 |
| 181 | 15648 | 15649 | NS | 1 | 0.0 | 121.3 | 9.984 | 0.0 | 31.198 | 14.214 | 0.0 | 357.634 | 10.061 | 0.0 | 63.086 | 12.579 | 0.0 | 1.425 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.152 | 0.0 |
| 182 | 15648 | 15649 | SN | 1 | 0.0 | 29.836 | 13.105 | 0.0 | 181.799 | 13.147 | 0.0 | 140.572 | 10.441 | 0.0 | 73.289 | 13.199 | 0.0 | 1.446 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.136 | 0.0 |
| 183 | 15648 | 15649 | SN | 1 | 0.0 | 29.836 | 13.105 | 0.0 | 275.29 | 13.126 | 0.0 | 140.638 | 10.406 | 0.0 | 73.289 | 13.163 | 0.0 | 1.445 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 2.136 | 0.0 |
| 184 | 15648 | 15649 | SN | 1 | 0.0 | 23.334 | 6.134 | 0.0 | 237.203 | 7.654 | 0.0 | 135.344 | 2.599 | 0.0 | 57.097 | 3.675 | 0.0 | 1.436 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.135 | 0.0 |
| 185 | 15648 | 15649 | SN | 1 | 0.0 | 23.334 | 6.121 | 0.0 | 237.203 | 7.707 | 0.0 | 135.344 | 2.562 | 0.0 | 61.007 | 3.792 | 0.0 | 1.436 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.135 | 0.0 |
| 186 | 15649 | 15650 | SN | 1 | 0.0 | 29.461 | 13.22 | 0.0 | 80.72 | 12.409 | 0.0 | 140.682 | 10.831 | 0.0 | 269.637 | 12.023 | 0.0 | 1.442 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.132 | 0.0 |
| 187 | 15649 | 15650 | SN | 1 | 0.0 | 29.461 | 13.091 | 0.0 | 80.72 | 13.143 | 0.0 | 140.682 | 10.526 | 0.0 | 269.637 | 13.076 | 0.0 | 1.442 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.132 | 0.0 |
| 188 | 15649 | 15650 | SN | 1 | 0.0 | 23.367 | 6.15 | 0.0 | 188.53 | 7.628 | 0.0 | 138.305 | 2.609 | 0.0 | 214.034 | 3.509 | 0.0 | 1.435 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.135 | 0.0 |
| 189 | 15649 | 15650 | NS | 1 | 0.0 | 98.236 | 9.97 | 0.0 | 35.307 | 14.192 | 0.0 | 357.38 | 10.005 | 0.0 | 35.015 | 12.556 | 0.0 | 1.431 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.153 | 0.0 |
| 190 | 15649 | 15650 | SN | 1 | 0.0 | 23.367 | 6.103 | 0.0 | 188.53 | 7.695 | 0.0 | 138.305 | 2.525 | 0.0 | 214.034 | 3.778 | 0.0 | 1.435 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.135 | 0.0 |
| 191 | 15649 | 15650 | NS | 1 | 0.0 | 156.008 | 5.866 | 0.0 | 24.569 | 7.149 | 0.0 | 313.977 | 2.414 | 0.0 | 56.942 | 3.079 | 0.0 | 1.447 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.153 | 0.0 |
| 192 | 15650 | 15651 | NS | 1 | 0.0 | 25.672 | 5.864 | 0.0 | 24.569 | 7.123 | 0.0 | 351.91 | 2.417 | 0.0 | 65.711 | 3.042 | 0.0 | 1.445 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.154 | 0.0 |
| 193 | 15650 | 15651 | SN | 1 | 0.0 | 23.345 | 6.101 | 0.0 | 202.161 | 7.679 | 0.0 | 149.837 | 2.427 | 0.0 | 71.017 | 3.764 | 0.0 | 1.436 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.162 | 0.0 |
| 194 | 15650 | 15651 | SN | 1 | 0.0 | 30.415 | 12.975 | 0.0 | 26.444 | 13.041 | 0.0 | 136.623 | 10.408 | 0.0 | 74.739 | 13.115 | 0.0 | 1.444 | 0.0 | 0.0 | 1.789 | 0.0 | 0.0 | 1.888 | 0.0 | 0.0 | 2.16 | 0.0 |
| 195 | 15650 | 15651 | NS | 1 | 0.281 | 212.581 | 9.949 | 0.0 | 31.281 | 14.219 | 0.0 | 350.718 | 10.004 | 0.0 | 33.035 | 12.626 | 0.0 | 1.426 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.152 | 0.0 |
| 196 | 15650 | 15651 | NS | 1 | 0.281 | 212.587 | 9.97 | 0.0 | 31.281 | 14.219 | 0.0 | 350.724 | 10.011 | 0.0 | 33.035 | 12.611 | 0.0 | 1.426 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.156 | 0.0 |
| 197 | 15650 | 15651 | NS | 1 | 0.0 | 25.678 | 5.871 | 0.0 | 24.569 | 7.125 | 0.0 | 351.921 | 2.418 | 0.0 | 65.717 | 3.044 | 0.0 | 1.445 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.154 | 0.0 |
| 198 | 15651 | 15652 | NS | 1 | 0.0 | 53.576 | 5.86 | 0.0 | 24.569 | 7.123 | 0.0 | 352.742 | 2.393 | 0.0 | 56.441 | 3.026 | 0.0 | 1.441 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.153 | 0.0 |
| 199 | 15651 | 15652 | NS | 1 | 0.0 | 40.334 | 9.973 | 0.0 | 31.32 | 14.156 | 0.0 | 354.695 | 10.107 | 0.0 | 78.815 | 12.597 | 0.0 | 1.416 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.152 | 0.0 |
| 200 | 15651 | 15652 | NS | 1 | 0.0 | 40.334 | 9.973 | 0.0 | 31.32 | 14.156 | 0.0 | 354.695 | 10.107 | 0.0 | 78.815 | 12.597 | 0.0 | 1.416 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.152 | 0.0 |
| 201 | 15651 | 15652 | SN | 1 | 0.0 | 30.079 | 12.909 | 0.0 | 94.977 | 13.146 | 0.0 | 148.745 | 10.505 | 0.0 | 66.616 | 13.134 | 0.0 | 1.445 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.928 | 0.0 | 0.0 | 2.216 | 0.0 |
| 202 | 15651 | 15652 | NS | 1 | 0.0 | 53.576 | 5.858 | 0.0 | 24.569 | 7.123 | 0.0 | 352.742 | 2.393 | 0.0 | 56.441 | 3.026 | 0.0 | 1.441 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.153 | 0.0 |
| 203 | 15651 | 15652 | SN | 1 | 0.0 | 23.362 | 6.146 | 0.0 | 66.784 | 7.691 | 0.0 | 141.923 | 2.486 | 0.0 | 67.266 | 3.78 | 0.0 | 1.436 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.942 | 0.0 | 0.0 | 2.195 | 0.0 |
| 204 | 15652 | 15653 | NS | 1 | 0.0 | 200.385 | 9.974 | 0.0 | 31.325 | 14.166 | 0.0 | 355.605 | 10.107 | 0.0 | 81.622 | 12.618 | 0.0 | 1.414 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.151 | 0.0 |
| 205 | 15652 | 15653 | SN | 1 | 0.0 | 23.356 | 6.144 | 0.0 | 124.146 | 7.707 | 0.0 | 138.746 | 2.527 | 0.0 | 96.025 | 3.805 | 0.0 | 1.464 | 0.0 | 0.0 | 1.813 | 0.0 | 0.0 | 1.961 | 0.0 | 0.0 | 2.224 | 0.0 |
| 206 | 15652 | 15653 | NS | 1 | 0.0 | 158.341 | 5.869 | 0.0 | 24.569 | 7.126 | 0.0 | 359.691 | 2.389 | 0.0 | 65.926 | 3.054 | 0.0 | 1.44 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.154 | 0.0 |
| 207 | 15652 | 15653 | SN | 1 | 0.0 | 29.864 | 12.993 | 0.0 | 27.156 | 13.087 | 0.0 | 150.047 | 10.604 | 0.0 | 134.825 | 13.12 | 0.0 | 1.445 | 0.0 | 0.0 | 1.818 | 0.0 | 0.0 | 1.948 | 0.0 | 0.0 | 2.245 | 0.0 |
| 208 | 15652 | 15653 | SN | 1 | 0.0 | 23.356 | 6.144 | 0.0 | 124.146 | 7.707 | 0.0 | 138.746 | 2.527 | 0.0 | 96.025 | 3.805 | 0.0 | 1.464 | 0.0 | 0.0 | 1.813 | 0.0 | 0.0 | 1.961 | 0.0 | 0.0 | 2.224 | 0.0 |
| 209 | 15652 | 15653 | NS | 1 | 0.0 | 200.385 | 9.973 | 0.0 | 31.32 | 14.166 | 0.0 | 355.605 | 10.1 | 0.0 | 81.639 | 12.625 | 0.0 | 1.414 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.151 | 0.0 |
| 210 | 15652 | 15653 | NS | 1 | 0.0 | 158.341 | 5.869 | 0.0 | 24.569 | 7.126 | 0.0 | 359.691 | 2.387 | 0.0 | 65.937 | 3.052 | 0.0 | 1.44 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.154 | 0.0 |
| 211 | 15652 | 15653 | SN | 1 | 0.0 | 29.864 | 12.993 | 0.0 | 27.156 | 13.087 | 0.0 | 150.047 | 10.604 | 0.0 | 134.825 | 13.12 | 0.0 | 1.445 | 0.0 | 0.0 | 1.818 | 0.0 | 0.0 | 1.948 | 0.0 | 0.0 | 2.245 | 0.0 |
| 212 | 15653 | 15654 | NS | 1 | 0.0 | 66.092 | 9.995 | 0.0 | 29.847 | 13.987 | 0.0 | 138.837 | 10.146 | 0.0 | 17.687 | 12.362 | 0.0 | 1.431 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.155 | 0.0 |
| 213 | 15653 | 15654 | SN | 1 | 0.0 | 23.356 | 6.155 | 0.0 | 26.737 | 7.696 | 0.0 | 135.311 | 2.52 | 0.0 | 255.276 | 3.803 | 0.0 | 1.539 | 0.0 | 0.0 | 1.815 | 0.0 | 0.0 | 2.012 | 0.0 | 0.0 | 2.257 | 0.0 |
| 214 | 15653 | 15654 | SN | 1 | 0.0 | 23.356 | 6.155 | 0.0 | 26.737 | 7.696 | 0.0 | 135.311 | 2.52 | 0.0 | 255.276 | 3.803 | 0.0 | 1.539 | 0.0 | 0.0 | 1.815 | 0.0 | 0.0 | 2.012 | 0.0 | 0.0 | 2.257 | 0.0 |
| 215 | 15653 | 15654 | NS | 1 | 0.0 | 218.747 | 5.852 | 0.0 | 24.569 | 7.116 | 0.0 | 218.328 | 2.401 | 0.0 | 54.505 | 3.077 | 0.0 | 1.449 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.153 | 0.0 |
| 216 | 15653 | 15654 | NS | 1 | 0.0 | 218.747 | 5.852 | 0.0 | 24.569 | 7.116 | 0.0 | 218.328 | 2.401 | 0.0 | 54.505 | 3.077 | 0.0 | 1.449 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.153 | 0.0 |

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

Normal  Deviations
Alarming  High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 217 | 15653 | 15654 | NS | 1 | 0.0 | 218.747 | 5.92 | 0.0 | 24.569 | 7.15 | 0.0 | 218.328 | 2.445 | 0.0 | 12.894 | 2.992 | 0.0 | 1.449 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.153 | 0.0 |
| 218 | 15653 | 15654 | SN | 1 | 0.0 | 29.897 | 13.012 | 0.0 | 27.156 | 13.116 | 0.0 | 140.555 | 10.604 | 0.0 | 73.394 | 13.134 | 0.0 | 1.445 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 1.978 | 0.0 | 0.0 | 2.276 | 0.0 |
| 219 | 15653 | 15654 | SN | 1 | 0.0 | 29.897 | 13.012 | 0.0 | 27.156 | 13.116 | 0.0 | 140.555 | 10.604 | 0.0 | 73.394 | 13.134 | 0.0 | 1.445 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 1.978 | 0.0 | 0.0 | 2.276 | 0.0 |
| 220 | 15653 | 15654 | NS | 1 | 0.0 | 66.092 | 9.971 | 0.0 | 35.506 | 14.235 | 0.0 | 138.837 | 10.02 | 0.0 | 74.552 | 12.602 | 0.0 | 1.431 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.155 | 0.0 |
| 221 | 15653 | 15654 | NS | 1 | 0.0 | 66.092 | 9.971 | 0.0 | 35.506 | 14.235 | 0.0 | 138.837 | 10.02 | 0.0 | 74.552 | 12.602 | 0.0 | 1.431 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.155 | 0.0 |
| 222 | 15654 | 15655 | NS | 1 | 0.0 | 25.821 | 6.052 | 0.0 | 24.575 | 7.221 | 0.0 | 350.773 | 2.539 | 0.0 | 12.905 | 3.064 | 0.0 | 1.44 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.152 | 0.0 |
| 223 | 15654 | 15655 | NS | 1 | 0.0 | 24.58 | 10.073 | 0.0 | 29.853 | 13.705 | 0.0 | 219.93 | 10.443 | 0.0 | 14.047 | 12.178 | 0.0 | 1.416 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.152 | 0.0 |
| 224 | 15654 | 15655 | NS | 1 | 0.0 | 24.58 | 9.98 | 0.0 | 35.627 | 14.179 | 0.0 | 219.93 | 10.027 | 0.0 | 35.643 | 12.641 | 0.0 | 1.416 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.152 | 0.0 |
| 225 | 15654 | 15655 | SN | 1 | 0.0 | 29.753 | 13.057 | 0.0 | 25.97 | 13.154 | 0.0 | 140.081 | 10.608 | 0.0 | 196.254 | 13.167 | 0.0 | 1.447 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.011 | 0.0 | 0.0 | 2.289 | 0.0 |
| 226 | 15654 | 15655 | NS | 1 | 0.0 | 25.821 | 5.854 | 0.0 | 24.575 | 7.129 | 0.0 | 350.773 | 2.416 | 0.0 | 57.036 | 3.081 | 0.0 | 1.44 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.152 | 0.0 |
| 227 | 15654 | 15655 | NS | 1 | 0.0 | 25.821 | 5.854 | 0.0 | 24.575 | 7.129 | 0.0 | 350.773 | 2.416 | 0.0 | 57.036 | 3.081 | 0.0 | 1.44 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.152 | 0.0 |
| 228 | 15654 | 15655 | NS | 1 | 0.0 | 24.58 | 9.98 | 0.0 | 35.627 | 14.179 | 0.0 | 219.93 | 10.027 | 0.0 | 35.643 | 12.641 | 0.0 | 1.416 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.152 | 0.0 |
| 229 | 15654 | 15655 | SN | 1 | 0.0 | 23.356 | 6.133 | 0.0 | 26.715 | 7.651 | 0.0 | 142.381 | 2.527 | 0.0 | 86.66 | 3.779 | 0.0 | 1.513 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 1.985 | 0.0 | 0.0 | 2.294 | 0.0 |
| 230 | 15655 | 15656 | NS | 1 | 0.309 | 266.173 | 9.959 | 0.0 | 31.27 | 14.177 | 0.0 | 350.718 | 10.011 | 0.0 | 33.2 | 12.54 | 0.0 | 1.425 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.156 | 0.0 |
| 231 | 15655 | 15656 | SN | 1 | 0.0 | 29.924 | 13.063 | 0.0 | 26.505 | 13.122 | 0.0 | 139.976 | 10.557 | 0.0 | 70.36 | 13.131 | 0.0 | 1.444 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 1.993 | 0.0 | 0.0 | 2.339 | 0.0 |
| 232 | 15655 | 15656 | SN | 1 | 0.0 | 29.924 | 13.063 | 0.0 | 26.505 | 13.122 | 0.0 | 139.976 | 10.557 | 0.0 | 70.36 | 13.131 | 0.0 | 1.444 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 1.993 | 0.0 | 0.0 | 2.339 | 0.0 |
| 233 | 15655 | 15656 | NS | 1 | 0.0 | 240.901 | 5.857 | 0.0 | 24.569 | 7.132 | 0.0 | 352.108 | 2.425 | 0.0 | 66.224 | 3.046 | 0.0 | 1.451 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.154 | 0.0 |
| 234 | 15655 | 15656 | NS | 1 | 0.0 | 240.901 | 5.857 | 0.0 | 24.569 | 7.132 | 0.0 | 352.108 | 2.425 | 0.0 | 66.224 | 3.048 | 0.0 | 1.451 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.154 | 0.0 |
| 235 | 15655 | 15656 | NS | 1 | 0.0 | 240.901 | 6.307 | 0.0 | 24.569 | 7.385 | 0.0 | 352.108 | 2.675 | 0.0 | 12.905 | 3.21 | 0.0 | 1.451 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.154 | 0.0 |
| 236 | 15655 | 15656 | NS | 1 | 0.309 | 266.173 | 9.959 | 0.0 | 31.27 | 14.177 | 0.0 | 350.718 | 10.011 | 0.0 | 33.195 | 12.533 | 0.0 | 1.425 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.156 | 0.0 |
| 237 | 15655 | 15656 | SN | 1 | 0.0 | 23.345 | 6.128 | 0.0 | 26.533 | 7.655 | 0.0 | 147.063 | 2.513 | 0.0 | 71.656 | 3.783 | 0.0 | 1.554 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.064 | 0.0 | 0.0 | 2.331 | 0.0 |
| 238 | 15655 | 15656 | SN | 1 | 0.0 | 23.345 | 6.128 | 0.0 | 26.533 | 7.655 | 0.0 | 147.063 | 2.513 | 0.0 | 71.656 | 3.783 | 0.0 | 1.554 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.064 | 0.0 | 0.0 | 2.331 | 0.0 |
| 239 | 15655 | 15656 | NS | 1 | 0.0 | 266.173 | 10.153 | 0.0 | 29.836 | 13.707 | 0.0 | 350.718 | 10.936 | 0.0 | 14.052 | 12.175 | 0.0 | 1.425 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.156 | 0.0 |
| 240 | 15656 | 15657 | NS | 1 | 0.0 | 26.064 | 10.032 | 0.0 | 31.32 | 14.163 | 0.0 | 138.711 | 10.086 | 0.0 | 74.331 | 12.693 | 0.0 | 1.418 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.151 | 0.0 |
| 241 | 15656 | 15657 | SN | 1 | 0.0 | 29.825 | 16.617 | 0.0 | 26.538 | 11.535 | 0.0 | 153.262 | 10.507 | 0.0 | 76.306 | 8.377 | 0.0 | 1.36 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.133 | 0.0 |
| 242 | 15656 | 15657 | NS | 1 | 0.0 | 25.788 | 6.622 | 0.0 | 24.569 | 7.633 | 0.0 | 352.808 | 2.851 | 0.0 | 12.9 | 3.402 | 0.0 | 1.45 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.153 | 0.0 |
| 243 | 15656 | 15657 | SN | 1 | 0.0 | 29.825 | 13.336 | 0.0 | 22.953 | 11.908 | 0.0 | 153.262 | 10.329 | 0.0 | 14.273 | 9.734 | 0.0 | 1.444 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.133 | 0.0 |
| 244 | 15656 | 15657 | NS | 1 | 0.0 | 25.788 | 5.867 | 0.0 | 24.569 | 7.135 | 0.0 | 352.808 | 2.426 | 0.0 | 51.731 | 3.05 | 0.0 | 1.45 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.153 | 0.0 |
| 245 | 15656 | 15657 | SN | 1 | 0.0 | 23.339 | 5.688 | 0.0 | 25.43 | 6.767 | 0.0 | 148.265 | 1.783 | 0.0 | 12.955 | 2.678 | 0.0 | 1.436 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.134 | 0.0 |
| 246 | 15656 | 15657 | NS | 1 | 0.0 | 25.788 | 5.867 | 0.0 | 24.569 | 7.135 | 0.0 | 352.808 | 2.426 | 0.0 | 51.731 | 3.05 | 0.0 | 1.45 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.153 | 0.0 |
| 247 | 15656 | 15657 | NS | 1 | 0.0 | 26.064 | 10.383 | 0.0 | 29.847 | 13.746 | 0.0 | 138.711 | 11.74 | 0.0 | 14.047 | 12.493 | 0.0 | 1.418 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.151 | 0.0 |
| 248 | 15656 | 15657 | SN | 1 | 0.0 | 23.339 | 6.135 | 0.0 | 26.533 | 7.635 | 0.0 | 148.265 | 2.512 | 0.0 | 53.65 | 3.772 | 0.0 | 1.583 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.342 | 0.0 |
| 249 | 15656 | 15657 | SN | 1 | 0.0 | 19.804 | 5.737 | 0.0 | 26.466 | 5.11 | 0.0 | 148.265 | 1.471 | 0.0 | 57.67 | 1.897 | 0.0 | 1.352 | 0.0 | 0.0 | 1.775 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 2.134 | 0.0 |
| 250 | 15656 | 15657 | SN | 1 | 0.0 | 29.825 | 13.051 | 0.0 | 26.538 | 13.061 | 0.0 | 153.262 | 10.527 | 0.0 | 76.306 | 13.131 | 0.0 | 1.453 | 0.0 | 0.0 | 1.902 | 0.0 | 0.0 | 2.012 | 0.0 | 0.0 | 2.353 | 0.0 |
| 251 | 15656 | 15657 | NS | 1 | 0.0 | 26.064 | 10.032 | 0.0 | 31.32 | 14.163 | 0.0 | 138.711 | 10.086 | 0.0 | 74.331 | 12.693 | 0.0 | 1.418 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.151 | 0.0 |

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

Normal
Deviations
Alarming
High Errors