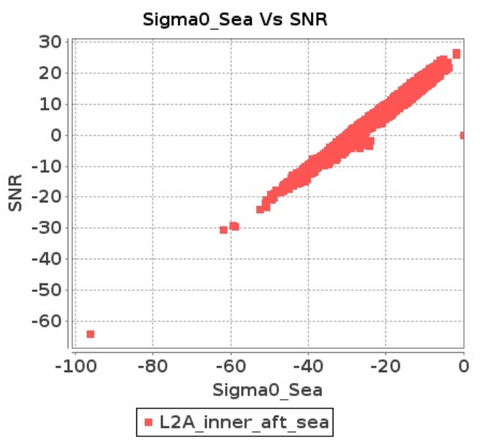
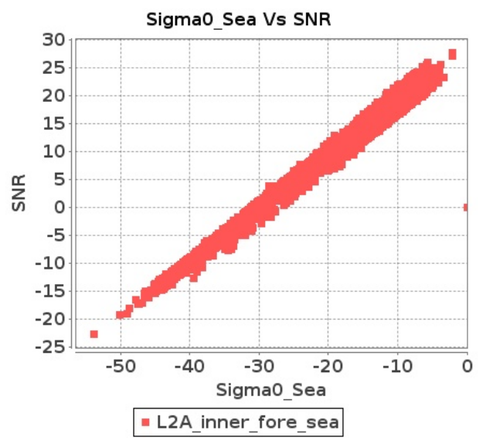
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 09-AUG-2017 To 10-AUG-2017

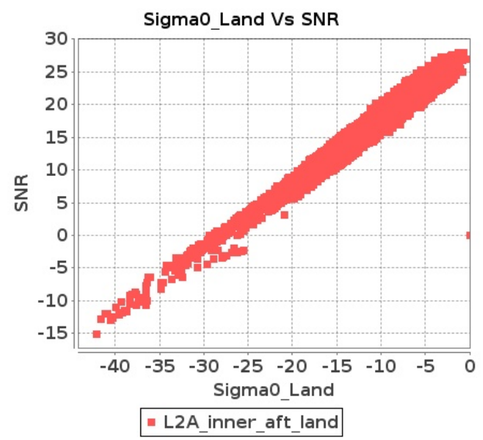
## Inner Sea Aft Sigma0VsSNR



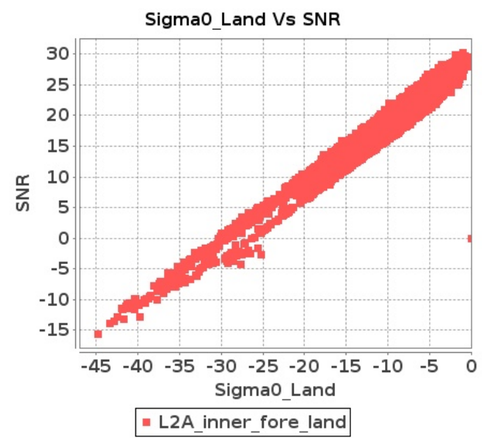

## Inner Sea Fore Sigma0VsSNR



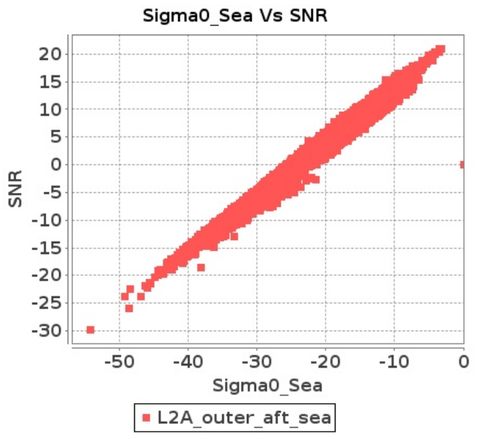

## Inner Land Aft Sigma0VsSNR



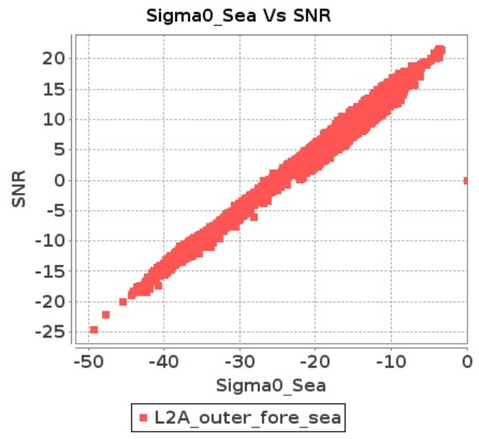

## Inner Land Fore Sigma0VsSNR



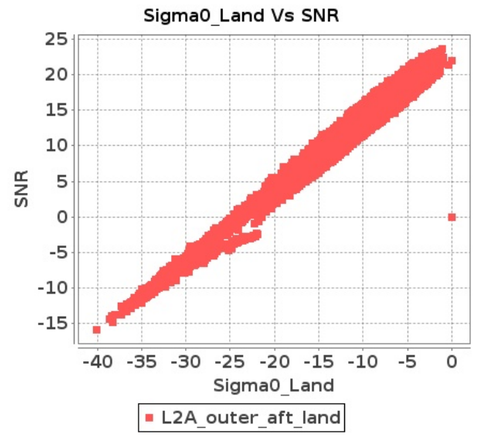

## Outer Sea Aft Sigma0VsSNR



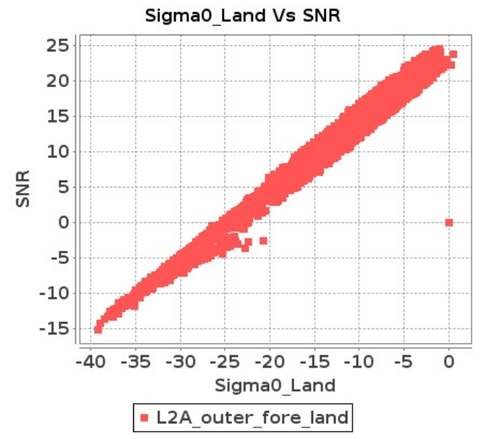

## Outer Sea Fore Sigma0VsSNR




## Outer Land Aft Sigma0VsSNR




## Outer Land Fore Sigma0VsSNR



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

Report between 09-AUG-2017 To 10-AUG-2017

| | | | | | SNR | | | | | | | | | | | | Sigma0 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 4593 | 4594 | SN | 1 | 0.0 | 49.42 | 6.553 | 0.0 | 50.346 | 5.658 | 0.0 | 46.622 | 4.787 | 0.0 | 45.555 | 4.824 | 0.0 | 51.315 | 5.751 | 0.0 | 49.0 | 4.916 | 0.0 | 44.238 | 4.467 | 0.0 | 44.26 | 4.406 |
| 2 | 4593 | 4594 | SN | 1 | 0.0 | 45.494 | 2.055 | 0.0 | 47.898 | 1.803 | 0.0 | 41.512 | 1.284 | 0.0 | 46.97 | 1.166 | 0.0 | 44.446 | 1.724 | 0.0 | 45.408 | 1.618 | 0.0 | 41.837 | 1.227 | 0.0 | 48.152 | 1.031 |
| 3 | 4593 | 4594 | SN | 1 | 0.0 | 49.42 | 6.292 | 0.0 | 50.346 | 5.471 | 0.0 | 46.622 | 4.855 | 0.0 | 45.555 | 4.66 | 0.0 | 51.315 | 5.506 | 0.0 | 49.0 | 4.756 | 0.0 | 44.238 | 4.5 | 0.0 | 44.26 | 4.256 |
| 4 | 4593 | 4594 | SN | 1 | 0.0 | 45.494 | 2.143 | 0.0 | 47.898 | 1.871 | 0.0 | 41.512 | 1.281 | 0.0 | 46.97 | 1.21 | 0.0 | 44.446 | 1.798 | 0.0 | 45.408 | 1.681 | 0.0 | 41.837 | 1.216 | 0.0 | 48.152 | 1.069 |
| 5 | 4594 | 4595 | SN | 1 | 0.0 | 47.925 | 3.788 | 0.0 | 47.686 | 3.743 | 0.0 | 44.77 | 2.985 | 0.0 | 43.361 | 3.457 | 0.0 | 51.595 | 3.587 | 0.0 | 47.157 | 3.375 | 0.0 | 44.485 | 2.751 | 0.0 | 44.974 | 2.866 |
| 6 | 4594 | 4595 | SN | 1 | 0.0 | 43.05 | 1.247 | 0.0 | 47.446 | 1.439 | 0.0 | 39.136 | 1.024 | 0.0 | 41.839 | 1.181 | 0.0 | 43.581 | 1.064 | 0.0 | 46.163 | 1.189 | 0.0 | 38.261 | 0.918 | 0.0 | 43.239 | 0.997 |
| 7 | 4594 | 4595 | NS | 1 | 0.0 | 48.172 | 5.837 | 0.0 | 51.405 | 4.483 | 0.0 | 48.042 | 3.925 | 0.0 | 51.846 | 3.536 | 0.0 | 45.476 | 5.06 | 0.0 | 50.507 | 3.949 | 0.0 | 44.717 | 3.526 | 0.0 | 49.671 | 3.193 |
| 8 | 4594 | 4595 | NS | 1 | 0.0 | 44.855 | 1.888 | 0.0 | 54.717 | 1.436 | 0.0 | 41.043 | 1.085 | 0.0 | 41.495 | 0.945 | 0.0 | 47.731 | 1.625 | 0.0 | 53.703 | 1.25 | 0.0 | 40.644 | 0.921 | 0.0 | 41.89 | 0.785 |
| 9 | 4594 | 4595 | SN | 1 | 0.0 | 49.472 | 3.856 | 0.0 | 47.686 | 3.759 | 0.0 | 44.77 | 3.018 | 0.0 | 43.361 | 3.472 | 0.0 | 51.595 | 3.642 | 0.0 | 47.157 | 3.389 | 0.0 | 44.485 | 2.78 | 0.0 | 44.974 | 2.879 |
| 10 | 4594 | 4595 | SN | 1 | 0.0 | 43.05 | 1.223 | 0.0 | 47.446 | 1.431 | 0.0 | 39.136 | 1.01 | 0.0 | 41.839 | 1.173 | 0.0 | 43.581 | 1.05 | 0.0 | 46.163 | 1.181 | 0.0 | 38.261 | 0.911 | 0.0 | 43.239 | 0.993 |
| 11 | 4595 | 4596 | SN | 1 | 0.0 | 47.499 | 9.953 | 0.0 | 42.628 | 6.262 | 0.0 | 50.592 | 5.107 | 0.0 | 45.027 | 5.043 | 0.0 | 48.174 | 8.976 | 0.0 | 44.841 | 5.709 | 0.0 | 48.001 | 4.93 | 0.0 | 48.04 | 4.935 |
| 12 | 4595 | 4596 | NS | 1 | 0.0 | 56.003 | 5.399 | 0.0 | 57.873 | 8.447 | 0.0 | 51.051 | 3.601 | 0.0 | 54.103 | 5.322 | 0.0 | 57.394 | 6.132 | 0.0 | 59.554 | 9.264 | 0.0 | 50.587 | 4.477 | 0.0 | 52.732 | 6.134 |
| 13 | 4595 | 4596 | SN | 1 | 0.0 | 43.891 | 3.39 | 0.0 | 44.947 | 2.139 | 0.0 | 38.069 | 1.754 | 0.0 | 38.491 | 1.702 | 0.0 | 41.896 | 2.985 | 0.0 | 41.686 | 1.883 | 0.0 | 37.693 | 1.69 | 0.0 | 38.262 | 1.49 |
| 14 | 4595 | 4596 | SN | 1 | 0.0 | 47.499 | 9.95 | 0.0 | 42.628 | 6.179 | 0.0 | 50.592 | 5.107 | 0.0 | 45.027 | 4.987 | 0.0 | 48.174 | 8.973 | 0.0 | 44.841 | 5.643 | 0.0 | 48.001 | 4.93 | 0.0 | 48.04 | 4.88 |
| 15 | 4595 | 4596 | NS | 1 | 0.0 | 55.168 | 13.75 | 0.0 | 59.496 | 13.22 | 0.0 | 47.245 | 10.195 | 0.0 | 53.785 | 11.971 | 0.0 | 55.747 | 15.754 | 0.0 | 61.969 | 15.043 | 0.0 | 48.474 | 13.009 | 0.0 | 53.177 | 14.731 |
| 16 | 4595 | 4596 | SN | 1 | 0.0 | 43.891 | 3.39 | 0.0 | 44.947 | 2.16 | 0.0 | 38.069 | 1.754 | 0.0 | 38.491 | 1.721 | 0.0 | 41.896 | 2.985 | 0.0 | 41.686 | 1.904 | 0.0 | 37.693 | 1.69 | 0.0 | 38.262 | 1.507 |
| 17 | 4596 | 4597 | SN | 1 | 0.0 | 43.041 | 5.4 | 0.0 | 46.082 | 2.717 | 0.0 | 38.936 | 3.148 | 0.0 | 39.045 | 2.15 | 0.0 | 43.463 | 4.967 | 0.0 | 48.752 | 2.495 | 0.0 | 39.222 | 3.028 | 0.0 | 38.127 | 2.014 |
| 18 | 4596 | 4597 | SN | 1 | 0.0 | 43.041 | 5.379 | 0.0 | 46.082 | 2.748 | 0.0 | 38.936 | 3.124 | 0.0 | 39.045 | 2.163 | 0.0 | 43.463 | 4.96 | 0.0 | 48.752 | 2.52 | 0.0 | 39.222 | 2.995 | 0.0 | 38.127 | 2.028 |
| 19 | 4596 | 4597 | NS | 1 | 0.0 | 43.618 | 4.34 | 0.0 | 55.178 | 2.595 | 0.0 | 42.493 | 3.17 | 0.0 | 46.096 | 3.577 | 0.0 | 43.548 | 3.595 | 0.0 | 57.337 | 2.233 | 0.0 | 43.692 | 2.785 | 0.0 | 46.113 | 2.936 |
| 20 | 4596 | 4597 | SN | 1 | 0.0 | 48.209 | 16.002 | 0.0 | 46.804 | 8.084 | 0.0 | 41.277 | 8.423 | 0.0 | 44.521 | 6.645 | 0.0 | 48.954 | 14.984 | 0.0 | 48.443 | 7.811 | 0.0 | 40.507 | 8.203 | 0.0 | 42.479 | 6.325 |
| 21 | 4596 | 4597 | SN | 1 | 0.0 | 48.209 | 15.832 | 0.0 | 49.272 | 8.265 | 0.0 | 41.277 | 8.448 | 0.0 | 44.521 | 6.692 | 0.0 | 48.954 | 14.826 | 0.0 | 48.443 | 7.959 | 0.0 | 40.507 | 8.179 | 0.0 | 42.479 | 6.368 |
| 22 | 4596 | 4597 | NS | 1 | 0.0 | 42.99 | 1.725 | 0.0 | 49.96 | 1.112 | 0.0 | 38.615 | 0.898 | 0.0 | 48.016 | 0.923 | 0.0 | 41.976 | 1.374 | 0.0 | 47.043 | 0.922 | 0.0 | 36.368 | 0.768 | 0.0 | 44.183 | 0.747 |
| 23 | 4597 | 4598 | NS | 1 | 0.0 | 50.658 | 1.652 | 0.0 | 44.083 | 1.418 | 0.0 | 39.223 | 0.989 | 0.0 | 42.516 | 1.045 | 0.0 | 50.417 | 1.591 | 0.0 | 40.778 | 1.405 | 0.0 | 41.176 | 0.989 | 0.0 | 42.327 | 1.009 |
| 24 | 4597 | 4598 | SN | 1 | 0.0 | 45.544 | 2.775 | 0.0 | 42.419 | 2.566 | 0.0 | 40.92 | 2.23 | 0.0 | 41.582 | 2.183 | 0.0 | 42.77 | 2.618 | 0.0 | 44.163 | 2.368 | 0.0 | 43.786 | 2.17 | 0.0 | 40.206 | 2.045 |
| 25 | 4597 | 4598 | SN | 1 | 0.0 | 45.544 | 2.756 | 0.0 | 42.419 | 2.579 | 0.0 | 40.92 | 2.214 | 0.0 | 43.528 | 2.181 | 0.0 | 42.77 | 2.6 | 0.0 | 44.163 | 2.374 | 0.0 | 43.786 | 2.156 | 0.0 | 41.581 | 2.046 |
| 26 | 4597 | 4598 | NS | 1 | 0.0 | 46.521 | 4.903 | 0.0 | 50.131 | 4.316 | 0.0 | 50.163 | 3.904 | 0.0 | 45.756 | 3.708 | 0.0 | 46.513 | 4.782 | 0.0 | 52.737 | 4.296 | 0.0 | 48.809 | 3.754 | 0.0 | 48.169 | 3.722 |
| 27 | 4597 | 4598 | SN | 1 | 0.0 | 46.497 | 8.349 | 0.0 | 48.93 | 7.31 | 0.0 | 44.764 | 6.379 | 0.0 | 41.586 | 6.347 | 0.0 | 50.186 | 8.094 | 0.0 | 49.948 | 6.789 | 0.0 | 43.615 | 6.307 | 0.0 | 42.646 | 6.082 |
| 28 | 4597 | 4598 | SN | 1 | 0.0 | 46.497 | 8.339 | 0.0 | 48.93 | 7.337 | 0.0 | 45.316 | 6.401 | 0.0 | 41.586 | 6.347 | 0.0 | 49.864 | 8.087 | 0.0 | 49.948 | 6.805 | 0.0 | 44.167 | 6.309 | 0.0 | 42.646 | 6.088 |
| 29 | 4598 | 4599 | SN | 1 | 0.0 | 51.69 | 13.938 | 0.0 | 50.697 | 12.452 | 0.0 | 45.519 | 9.011 | 0.0 | 42.129 | 8.509 | 0.0 | 48.186 | 13.669 | 0.0 | 51.687 | 12.317 | 0.0 | 45.121 | 9.076 | 0.0 | 41.21 | 8.582 |
| 30 | 4598 | 4599 | SN | 1 | 0.0 | 43.876 | 4.261 | 0.0 | 44.496 | 3.978 | 0.0 | 43.95 | 2.89 | 0.0 | 44.032 | 2.764 | 0.0 | 43.498 | 4.263 | 0.0 | 43.527 | 3.914 | 0.0 | 43.484 | 2.885 | 0.0 | 39.764 | 2.693 |
| 31 | 4598 | 4599 | SN | 1 | 0.0 | 51.69 | 13.7 | 0.0 | 50.697 | 12.476 | 0.0 | 45.519 | 8.907 | 0.0 | 42.129 | 8.429 | 0.0 | 48.186 | 13.397 | 0.0 | 51.687 | 12.271 | 0.0 | 45.121 | 8.963 | 0.0 | 41.21 | 8.508 |

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

Normal  Deviations

Alarming  High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 4598 | 4599 | NS | 1 | 0.0 | 44.897 | 3.071 | 0.0 | 47.32 | 2.588 | 0.0 | 39.897 | 2.037 | 0.0 | 40.596 | 1.891 | 0.0 | 45.859 | 2.964 | 0.0 | 48.758 | 2.477 | 0.0 | 42.335 | 2.075 | 0.0 | 38.182 | 1.754 |
| 33 | 4598 | 4599 | SN | 1 | 0.0 | 43.876 | 4.172 | 0.0 | 44.496 | 3.951 | 0.0 | 43.95 | 2.849 | 0.0 | 44.032 | 2.746 | 0.0 | 43.498 | 4.172 | 0.0 | 43.527 | 3.871 | 0.0 | 43.484 | 2.841 | 0.0 | 39.764 | 2.67 |
| 34 | 4598 | 4599 | NS | 1 | 0.0 | 56.77 | 9.786 | 0.0 | 48.82 | 7.688 | 0.0 | 46.144 | 6.714 | 0.0 | 46.812 | 6.193 | 0.0 | 58.007 | 9.826 | 0.0 | 52.65 | 7.437 | 0.0 | 46.406 | 6.949 | 0.0 | 46.477 | 5.993 |
| 35 | 4599 | 4600 | NS | 1 | 0.0 | 53.659 | 2.802 | 0.0 | 41.506 | 2.492 | 0.0 | 37.69 | 2.056 | 0.0 | 42.478 | 1.899 | 0.0 | 52.13 | 2.666 | 0.0 | 40.91 | 2.329 | 0.0 | 36.324 | 1.979 | 0.0 | 40.52 | 1.783 |
| 36 | 4599 | 4600 | SN | 1 | 0.0 | 47.252 | 3.273 | 0.0 | 49.914 | 3.312 | 0.0 | 41.009 | 2.112 | 0.0 | 43.047 | 2.362 | 0.0 | 49.962 | 3.087 | 0.0 | 50.145 | 3.118 | 0.0 | 45.699 | 2.076 | 0.0 | 42.872 | 2.297 |
| 37 | 4599 | 4600 | NS | 1 | 0.0 | 47.827 | 8.436 | 0.0 | 47.293 | 8.088 | 0.0 | 42.043 | 6.44 | 0.0 | 47.433 | 6.146 | 0.0 | 47.1 | 8.254 | 0.0 | 47.893 | 7.785 | 0.0 | 40.609 | 6.383 | 0.0 | 45.577 | 5.64 |
| 38 | 4600 | 4601 | SN | 1 | 0.0 | 49.999 | 2.672 | 0.0 | 46.367 | 2.914 | 0.0 | 45.98 | 1.765 | 0.0 | 42.088 | 1.917 | 0.0 | 50.241 | 2.513 | 0.0 | 47.092 | 2.622 | 0.0 | 45.652 | 1.594 | 0.0 | 43.281 | 1.786 |
| 39 | 4600 | 4601 | SN | 1 | 0.0 | 52.567 | 8.177 | 0.0 | 52.378 | 8.648 | 0.0 | 48.523 | 6.353 | 0.0 | 48.505 | 6.903 | 0.0 | 52.493 | 7.693 | 0.0 | 53.76 | 8.443 | 0.0 | 47.915 | 5.701 | 0.0 | 46.603 | 6.284 |
| 40 | 4600 | 4601 | SN | 1 | 0.0 | 49.999 | 2.573 | 0.0 | 46.367 | 2.695 | 0.0 | 45.98 | 1.731 | 0.0 | 42.088 | 1.701 | 0.0 | 50.241 | 2.382 | 0.0 | 47.092 | 2.362 | 0.0 | 45.652 | 1.537 | 0.0 | 43.281 | 1.519 |
| 41 | 4600 | 4601 | NS | 1 | 0.0 | 45.913 | 8.395 | 0.0 | 45.417 | 7.448 | 0.0 | 42.304 | 5.717 | 0.0 | 41.842 | 5.652 | 0.0 | 46.361 | 8.344 | 0.0 | 43.901 | 7.247 | 0.0 | 39.923 | 5.923 | 0.0 | 38.429 | 5.495 |
| 42 | 4600 | 4601 | SN | 1 | 0.0 | 52.567 | 7.366 | 0.0 | 52.378 | 7.593 | 0.0 | 48.523 | 6.238 | 0.0 | 48.505 | 6.378 | 0.0 | 52.493 | 6.802 | 0.0 | 53.76 | 7.429 | 0.0 | 47.915 | 5.566 | 0.0 | 46.603 | 5.673 |
| 43 | 4600 | 4601 | NS | 1 | 0.0 | 46.036 | 2.589 | 0.0 | 41.274 | 2.235 | 0.0 | 39.996 | 1.933 | 0.0 | 41.084 | 1.72 | 0.0 | 44.921 | 2.462 | 0.0 | 41.914 | 2.131 | 0.0 | 38.931 | 1.886 | 0.0 | 38.9 | 1.58 |
| 44 | 4601 | 4602 | NS | 1 | 0.0 | 51.645 | 3.069 | 0.0 | 43.683 | 2.522 | 0.0 | 44.198 | 2.067 | 0.0 | 42.357 | 1.977 | 0.0 | 48.237 | 2.911 | 0.0 | 44.108 | 2.336 | 0.0 | 44.673 | 1.994 | 0.0 | 42.751 | 1.858 |
| 45 | 4601 | 4602 | NS | 1 | 0.0 | 43.353 | 9.273 | 0.0 | 54.38 | 8.259 | 0.0 | 45.87 | 7.167 | 0.0 | 49.685 | 6.859 | 0.0 | 43.311 | 9.304 | 0.0 | 58.581 | 7.987 | 0.0 | 46.401 | 6.853 | 0.0 | 49.166 | 6.553 |
| 46 | 4602 | 4603 | SN | 1 | 0.0 | 46.744 | 6.067 | 0.0 | 50.712 | 5.698 | 0.0 | 47.324 | 4.211 | 0.0 | 45.457 | 4.917 | 0.0 | 49.682 | 5.895 | 0.0 | 50.852 | 5.577 | 0.0 | 43.866 | 3.991 | 0.0 | 42.969 | 4.583 |
| 47 | 4602 | 4603 | SN | 1 | 0.0 | 42.385 | 1.823 | 0.0 | 44.623 | 1.746 | 0.0 | 45.366 | 1.264 | 0.0 | 45.534 | 1.4 | 0.0 | 45.675 | 1.722 | 0.0 | 44.854 | 1.671 | 0.0 | 41.979 | 1.217 | 0.0 | 43.139 | 1.242 |
| 48 | 4603 | 4604 | SN | 1 | 0.0 | 47.193 | 2.105 | 0.0 | 50.31 | 2.05 | 0.0 | 41.009 | 1.305 | 0.0 | 40.739 | 1.312 | 0.0 | 48.224 | 1.968 | 0.0 | 49.588 | 1.844 | 0.0 | 40.552 | 1.235 | 0.0 | 42.159 | 1.209 |
| 49 | 4603 | 4604 | NS | 1 | 0.0 | 46.002 | 6.053 | 0.0 | 52.341 | 5.528 | 0.0 | 43.52 | 4.697 | 0.0 | 44.054 | 4.342 | 0.0 | 44.489 | 5.71 | 0.0 | 55.633 | 5.225 | 0.0 | 42.419 | 4.185 | 0.0 | 45.121 | 3.921 |
| 50 | 4603 | 4604 | SN | 1 | 0.0 | 53.644 | 7.422 | 0.0 | 52.098 | 7.361 | 0.0 | 50.338 | 4.729 | 0.0 | 44.383 | 4.85 | 0.0 | 53.876 | 6.958 | 0.0 | 49.912 | 6.906 | 0.0 | 49.996 | 4.552 | 0.0 | 42.565 | 4.451 |
| 51 | 4603 | 4604 | NS | 1 | 0.0 | 46.599 | 1.947 | 0.0 | 45.971 | 1.665 | 0.0 | 38.372 | 1.359 | 0.0 | 41.882 | 1.306 | 0.0 | 42.722 | 1.737 | 0.0 | 45.893 | 1.559 | 0.0 | 39.672 | 1.267 | 0.0 | 43.039 | 1.134 |
| 52 | 4604 | 4605 | NS | 1 | 0.0 | 45.533 | 2.952 | 0.0 | 45.129 | 2.555 | 0.0 | 39.04 | 2.092 | 0.0 | 40.564 | 2.032 | 0.0 | 43.421 | 2.69 | 0.0 | 44.183 | 2.394 | 0.0 | 38.682 | 1.994 | 0.0 | 37.531 | 1.819 |
| 53 | 4604 | 4605 | NS | 1 | 0.0 | 46.504 | 8.463 | 0.0 | 47.725 | 7.612 | 0.0 | 44.13 | 6.383 | 0.0 | 45.788 | 6.208 | 0.0 | 46.812 | 7.686 | 0.0 | 48.703 | 7.179 | 0.0 | 43.563 | 6.206 | 0.0 | 45.019 | 6.001 |
| 54 | 4604 | 4605 | NS | 1 | 0.0 | 46.504 | 8.463 | 0.0 | 47.725 | 7.612 | 0.0 | 44.13 | 6.383 | 0.0 | 45.788 | 6.208 | 0.0 | 46.812 | 7.686 | 0.0 | 48.703 | 7.179 | 0.0 | 43.563 | 6.206 | 0.0 | 45.019 | 6.001 |
| 55 | 4604 | 4605 | SN | 1 | 0.0 | 46.062 | 4.977 | 0.0 | 50.941 | 4.678 | 0.0 | 43.675 | 4.245 | 0.0 | 42.119 | 4.179 | 0.0 | 47.019 | 4.241 | 0.0 | 51.582 | 4.141 | 0.0 | 42.937 | 4.04 | 0.0 | 40.843 | 3.823 |
| 56 | 4604 | 4605 | NS | 1 | 0.0 | 45.533 | 2.952 | 0.0 | 45.129 | 2.555 | 0.0 | 39.04 | 2.092 | 0.0 | 40.564 | 2.032 | 0.0 | 43.421 | 2.69 | 0.0 | 44.183 | 2.394 | 0.0 | 38.682 | 1.994 | 0.0 | 37.531 | 1.819 |
| 57 | 4604 | 4605 | SN | 1 | 0.0 | 45.785 | 1.573 | 0.0 | 50.35 | 1.525 | 0.0 | 42.731 | 1.161 | 0.0 | 40.087 | 1.188 | 0.0 | 43.505 | 1.402 | 0.0 | 49.101 | 1.419 | 0.0 | 41.597 | 1.083 | 0.0 | 38.165 | 1.135 |
| 58 | 4605 | 4606 | NS | 1 | 0.0 | 47.386 | 2.417 | 0.0 | 44.73 | 2.193 | 0.0 | 38.72 | 1.96 | 0.0 | 40.123 | 1.84 | 0.0 | 44.84 | 2.15 | 0.0 | 41.007 | 1.996 | 0.0 | 38.706 | 1.786 | 0.0 | 40.304 | 1.552 |
| 59 | 4605 | 4606 | NS | 1 | 0.0 | 47.386 | 2.498 | 0.0 | 44.73 | 2.265 | 0.0 | 38.72 | 2.026 | 0.0 | 40.123 | 1.901 | 0.0 | 44.84 | 2.222 | 0.0 | 41.007 | 2.061 | 0.0 | 38.706 | 1.846 | 0.0 | 40.304 | 1.603 |
| 60 | 4605 | 4606 | SN | 1 | 0.0 | 44.58 | 5.737 | 0.0 | 46.33 | 5.345 | 0.0 | 41.938 | 4.268 | 0.0 | 43.621 | 4.896 | 0.0 | 44.895 | 5.253 | 0.0 | 47.833 | 4.707 | 0.0 | 42.107 | 4.041 | 0.0 | 43.838 | 4.441 |
| 61 | 4605 | 4606 | SN | 1 | 0.0 | 49.738 | 1.864 | 0.0 | 43.262 | 1.949 | 0.0 | 40.657 | 1.532 | 0.0 | 40.796 | 1.575 | 0.0 | 53.81 | 1.666 | 0.0 | 43.27 | 1.748 | 0.0 | 38.207 | 1.394 | 0.0 | 43.312 | 1.492 |
| 62 | 4605 | 4606 | NS | 1 | 0.0 | 51.039 | 5.994 | 0.0 | 51.195 | 5.587 | 0.0 | 46.255 | 5.735 | 0.0 | 41.823 | 5.105 | 0.0 | 52.721 | 5.247 | 0.0 | 51.702 | 5.093 | 0.0 | 43.534 | 5.307 | 0.0 | 40.473 | 4.834 |
| 63 | 4605 | 4606 | NS | 1 | 0.0 | 51.039 | 6.202 | 0.0 | 51.195 | 5.785 | 0.0 | 46.255 | 5.927 | 0.0 | 41.823 | 5.281 | 0.0 | 52.721 | 5.43 | 0.0 | 51.702 | 5.273 | 0.0 | 43.534 | 5.485 | 0.0 | 40.473 | 5.001 |
| 64 | 4606 | 4607 | NS | 1 | 0.0 | 48.978 | 11.555 | 0.0 | 46.093 | 9.867 | 0.0 | 45.852 | 7.507 | 0.0 | 43.936 | 7.41 | 0.0 | 49.7 | 10.721 | 0.0 | 45.131 | 9.703 | 0.0 | 45.293 | 7.646 | 0.0 | 41.003 | 7.34 |
| 65 | 4606 | 4607 | NS | 1 | 0.0 | 48.152 | 3.81 | 0.0 | 43.78 | 3.178 | 0.0 | 39.136 | 2.511 | 0.0 | 40.935 | 2.339 | 0.0 | 45.459 | 3.549 | 0.0 | 45.068 | 2.984 | 0.0 | 38.086 | 2.379 | 0.0 | 38.042 | 2.232 |
| 66 | 4608 | 4609 | SN | 1 | 0.0 | 55.336 | 2.255 | 0.0 | 45.332 | 2.199 | 0.0 | 44.868 | 1.365 | 0.0 | 41.936 | 1.393 | 0.0 | 51.85 | 1.897 | 0.0 | 47.17 | 1.962 | 0.0 | 44.823 | 1.186 | 0.0 | 40.88 | 1.172 |
| 67 | 4608 | 4609 | SN | 1 | 0.0 | 53.653 | 7.791 | 0.0 | 52.892 | 6.849 | 0.0 | 48.99 | 4.94 | 0.0 | 47.02 | 5.148 | 0.0 | 52.574 | 7.105 | 0.0 | 55.077 | 6.163 | 0.0 | 45.982 | 4.458 | 0.0 | 47.144 | 4.644 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 4608 | 4609 | NS | 1 | 0.0 | 48.653 | 3.256 | 0.0 | 54.798 | 2.795 | 0.0 | 47.643 | 1.996 | 0.0 | 42.245 | 2.012 | 0.0 | 49.771 | 2.844 | 0.0 | 53.444 | 2.432 | 0.0 | 43.676 | 1.769 | 0.0 | 41.681 | 1.729 |
| 69 | 4608 | 4609 | NS | 1 | 0.0 | 56.792 | 10.353 | 0.0 | 52.72 | 9.014 | 0.0 | 48.251 | 7.152 | 0.0 | 51.02 | 7.027 | 0.0 | 58.478 | 9.374 | 0.0 | 51.629 | 8.308 | 0.0 | 47.721 | 6.597 | 0.0 | 51.949 | 6.307 |
| 70 | 4608 | 4609 | SN | 1 | 0.0 | 53.653 | 7.778 | 0.0 | 52.892 | 6.775 | 0.0 | 48.99 | 4.933 | 0.0 | 47.02 | 5.096 | 0.0 | 52.574 | 7.093 | 0.0 | 55.077 | 6.096 | 0.0 | 45.982 | 4.458 | 0.0 | 47.144 | 4.591 |
| 71 | 4608 | 4609 | SN | 1 | 0.0 | 55.336 | 2.255 | 0.0 | 45.332 | 2.175 | 0.0 | 44.868 | 1.368 | 0.0 | 41.936 | 1.377 | 0.0 | 51.85 | 1.897 | 0.0 | 47.17 | 1.94 | 0.0 | 44.823 | 1.19 | 0.0 | 40.88 | 1.159 |
| 72 | 4609 | 4610 | SN | 1 | 0.0 | 50.697 | 5.807 | 0.0 | 51.97 | 5.183 | 0.0 | 41.88 | 4.648 | 0.0 | 45.695 | 3.889 | 0.0 | 50.079 | 5.615 | 0.0 | 51.863 | 4.814 | 0.0 | 46.281 | 4.435 | 0.0 | 44.128 | 3.486 |
| 73 | 4609 | 4610 | NS | 1 | 0.02 | 44.919 | 4.592 | 0.0 | 46.418 | 3.925 | 0.0 | 47.762 | 3.268 | 0.0 | 44.026 | 3.009 | 0.087 | 44.579 | 4.228 | 0.0 | 49.383 | 3.663 | 0.0 | 48.074 | 2.998 | 0.0 | 42.893 | 2.831 |
| 74 | 4609 | 4610 | SN | 1 | 0.0 | 50.697 | 5.567 | 0.0 | 51.97 | 5.157 | 0.0 | 41.88 | 4.339 | 0.0 | 45.695 | 3.885 | 0.0 | 50.079 | 5.271 | 0.0 | 51.863 | 4.788 | 0.0 | 46.281 | 3.986 | 0.0 | 44.128 | 3.475 |
| 75 | 4609 | 4610 | NS | 1 | 0.0 | 49.727 | 1.403 | 0.0 | 42.211 | 0.945 | 0.0 | 36.37 | 0.994 | 0.0 | 44.708 | 0.965 | 0.0 | 48.469 | 1.258 | 0.0 | 47.271 | 0.836 | 0.0 | 36.353 | 0.939 | 0.0 | 41.175 | 0.874 |
| 76 | 4609 | 4610 | SN | 1 | 0.0 | 44.801 | 1.854 | 0.0 | 47.013 | 1.554 | 0.0 | 42.304 | 1.4 | 0.0 | 41.002 | 1.254 | 0.0 | 44.809 | 1.667 | 0.0 | 45.73 | 1.362 | 0.0 | 40.329 | 1.266 | 0.0 | 38.847 | 1.166 |
| 77 | 4609 | 4610 | SN | 1 | 0.0 | 44.801 | 1.925 | 0.0 | 47.013 | 1.568 | 0.0 | 42.304 | 1.491 | 0.0 | 41.002 | 1.251 | 0.0 | 44.809 | 1.77 | 0.0 | 45.73 | 1.376 | 0.0 | 40.329 | 1.403 | 0.0 | 38.847 | 1.165 |
| 78 | 4610 | 4611 | SN | 1 | 0.0 | 49.668 | 16.067 | 0.0 | 50.954 | 8.01 | 0.0 | 42.399 | 6.415 | 0.0 | 40.932 | 4.989 | 0.0 | 49.548 | 14.476 | 0.0 | 52.621 | 6.957 | 0.0 | 40.181 | 5.777 | 0.0 | 39.683 | 4.485 |
| 79 | 4610 | 4611 | SN | 1 | 0.0 | 49.668 | 16.073 | 0.0 | 50.954 | 7.932 | 0.0 | 42.399 | 6.415 | 0.0 | 40.932 | 4.939 | 0.0 | 49.548 | 14.471 | 0.0 | 52.621 | 6.88 | 0.0 | 40.181 | 5.777 | 0.0 | 39.683 | 4.441 |
| 80 | 4610 | 4611 | NS | 1 | 0.0 | 57.64 | 12.939 | 0.0 | 59.443 | 16.066 | 0.0 | 46.232 | 11.349 | 0.0 | 48.537 | 14.364 | 0.0 | 60.235 | 15.419 | 0.0 | 61.282 | 19.002 | 0.0 | 44.065 | 15.202 | 0.0 | 48.614 | 18.391 |
| 81 | 4610 | 4611 | SN | 1 | 0.0 | 44.779 | 6.358 | 0.0 | 44.246 | 2.653 | 0.0 | 39.902 | 2.422 | 0.0 | 39.37 | 1.7 | 0.0 | 44.938 | 5.352 | 0.0 | 43.141 | 2.231 | 0.0 | 38.758 | 2.132 | 0.0 | 37.534 | 1.473 |
| 82 | 4610 | 4611 | SN | 1 | 0.0 | 44.779 | 6.358 | 0.0 | 44.246 | 2.676 | 0.0 | 39.902 | 2.422 | 0.0 | 39.37 | 1.719 | 0.0 | 44.938 | 5.352 | 0.0 | 43.141 | 2.256 | 0.0 | 38.758 | 2.132 | 0.0 | 37.534 | 1.489 |
| 83 | 4610 | 4611 | NS | 1 | 0.0 | 53.819 | 5.496 | 0.0 | 56.648 | 10.199 | 0.0 | 43.607 | 4.075 | 0.0 | 48.797 | 6.57 | 0.0 | 56.378 | 6.424 | 0.0 | 58.536 | 11.347 | 0.0 | 43.704 | 5.187 | 0.0 | 49.394 | 7.786 |
| 84 | 4611 | 4612 | SN | 1 | 0.0 | 56.082 | 25.749 | 0.0 | 43.48 | 7.86 | 0.0 | 42.615 | 9.969 | 0.0 | 41.919 | 6.147 | 0.0 | 52.776 | 24.045 | 0.0 | 43.955 | 6.969 | 0.0 | 40.382 | 9.828 | 0.0 | 39.635 | 5.948 |
| 85 | 4611 | 4612 | NS | 1 | 0.0 | 46.294 | 2.461 | 0.0 | 47.474 | 1.338 | 0.0 | 38.683 | 1.076 | 0.0 | 40.83 | 0.888 | 0.0 | 43.798 | 2.019 | 0.0 | 43.076 | 1.217 | 0.0 | 37.555 | 1.016 | 0.0 | 42.173 | 0.848 |
| 86 | 4611 | 4612 | SN | 1 | 0.0 | 50.052 | 11.321 | 0.0 | 41.339 | 2.484 | 0.0 | 41.333 | 3.617 | 0.0 | 40.024 | 2.145 | 0.0 | 48.776 | 10.147 | 0.0 | 41.532 | 2.247 | 0.0 | 41.626 | 3.413 | 0.0 | 38.23 | 1.909 |
| 87 | 4611 | 4612 | NS | 1 | 0.0 | 50.307 | 7.946 | 0.0 | 53.248 | 4.101 | 0.0 | 43.755 | 3.954 | 0.0 | 45.149 | 3.36 | 0.0 | 54.276 | 6.647 | 0.0 | 51.795 | 3.694 | 0.0 | 43.809 | 3.598 | 0.0 | 46.246 | 3.216 |
| 88 | 4612 | 4613 | NS | 1 | 0.0 | 55.489 | 7.447 | 0.0 | 55.27 | 6.681 | 0.0 | 44.615 | 5.866 | 0.0 | 43.31 | 5.902 | 0.0 | 55.345 | 7.315 | 0.0 | 53.802 | 6.671 | 0.0 | 47.37 | 5.638 | 0.0 | 46.21 | 6.002 |
| 89 | 4612 | 4613 | NS | 1 | 0.0 | 50.25 | 7.468 | 0.0 | 51.226 | 6.515 | 0.0 | 46.449 | 6.173 | 0.0 | 45.852 | 5.805 | 0.0 | 51.017 | 7.549 | 0.0 | 50.941 | 6.525 | 0.0 | 47.757 | 6.087 | 0.0 | 45.616 | 5.591 |
| 90 | 4612 | 4613 | SN | 1 | 0.0 | 44.264 | 2.632 | 0.0 | 46.645 | 2.255 | 0.0 | 42.553 | 1.963 | 0.0 | 37.908 | 1.919 | 0.0 | 45.621 | 2.245 | 0.0 | 48.236 | 1.935 | 0.0 | 41.468 | 1.774 | 0.0 | 35.646 | 1.662 |
| 91 | 4612 | 4613 | SN | 1 | 0.0 | 47.3 | 7.817 | 0.0 | 54.259 | 6.645 | 0.0 | 41.817 | 5.636 | 0.0 | 41.577 | 5.335 | 0.0 | 48.459 | 7.018 | 0.0 | 55.188 | 5.762 | 0.0 | 41.604 | 5.331 | 0.0 | 42.157 | 4.816 |
| 92 | 4612 | 4613 | SN | 1 | 0.0 | 47.3 | 7.809 | 0.0 | 54.259 | 6.645 | 0.0 | 41.817 | 5.631 | 0.0 | 41.577 | 5.335 | 0.0 | 48.459 | 7.011 | 0.0 | 55.188 | 5.762 | 0.0 | 41.604 | 5.334 | 0.0 | 42.157 | 4.816 |
| 93 | 4612 | 4613 | SN | 1 | 0.0 | 47.3 | 7.809 | 0.0 | 54.259 | 6.645 | 0.0 | 41.817 | 5.631 | 0.0 | 41.577 | 5.335 | 0.0 | 48.459 | 7.011 | 0.0 | 55.188 | 5.762 | 0.0 | 41.604 | 5.334 | 0.0 | 42.157 | 4.816 |
| 94 | 4612 | 4613 | NS | 1 | 0.0 | 47.55 | 2.534 | 0.0 | 46.122 | 2.295 | 0.0 | 44.945 | 1.593 | 0.0 | 45.07 | 1.691 | 0.0 | 48.351 | 2.491 | 0.0 | 47.835 | 2.32 | 0.0 | 47.259 | 1.477 | 0.0 | 43.497 | 1.628 |
| 95 | 4612 | 4613 | NS | 1 | 0.0 | 47.55 | 2.534 | 0.0 | 46.122 | 2.295 | 0.0 | 44.945 | 1.593 | 0.0 | 45.07 | 1.691 | 0.0 | 48.351 | 2.491 | 0.0 | 47.835 | 2.32 | 0.0 | 47.259 | 1.477 | 0.0 | 43.497 | 1.628 |
| 96 | 4612 | 4613 | SN | 1 | 0.0 | 44.465 | 2.632 | 0.0 | 46.645 | 2.255 | 0.0 | 42.553 | 1.961 | 0.0 | 37.908 | 1.919 | 0.0 | 45.823 | 2.245 | 0.0 | 48.236 | 1.935 | 0.0 | 41.468 | 1.772 | 0.0 | 35.646 | 1.662 |
| 97 | 4612 | 4613 | SN | 1 | 0.0 | 44.264 | 2.632 | 0.0 | 46.645 | 2.255 | 0.0 | 42.553 | 1.963 | 0.0 | 37.908 | 1.919 | 0.0 | 45.621 | 2.245 | 0.0 | 48.236 | 1.935 | 0.0 | 41.468 | 1.774 | 0.0 | 35.646 | 1.662 |
| 98 | 4612 | 4613 | NS | 1 | 0.0 | 55.489 | 7.447 | 0.0 | 55.27 | 6.681 | 0.0 | 44.615 | 5.866 | 0.0 | 43.31 | 5.902 | 0.0 | 55.345 | 7.315 | 0.0 | 53.802 | 6.671 | 0.0 | 47.37 | 5.638 | 0.0 | 46.21 | 6.002 |
| 99 | 4613 | 4614 | NS | 1 | 0.0 | 53.062 | 7.337 | 0.0 | 57.986 | 6.379 | 0.0 | 44.455 | 4.931 | 0.0 | 48.11 | 4.64 | 0.0 | 51.375 | 6.475 | 0.0 | 57.363 | 5.742 | 0.0 | 43.639 | 4.561 | 0.0 | 45.624 | 3.878 |
| 100 | 4613 | 4614 | SN | 1 | 0.0 | 46.469 | 12.008 | 0.0 | 46.221 | 11.407 | 0.0 | 44.144 | 7.613 | 0.0 | 45.046 | 7.073 | 0.0 | 49.291 | 10.856 | 0.0 | 47.286 | 10.483 | 0.0 | 47.191 | 7.265 | 0.0 | 46.257 | 6.681 |
| 101 | 4613 | 4614 | SN | 1 | 0.0 | 44.843 | 3.777 | 0.0 | 47.074 | 3.63 | 0.0 | 39.32 | 2.591 | 0.0 | 41.675 | 2.185 | 0.0 | 44.738 | 3.318 | 0.0 | 44.974 | 3.307 | 0.0 | 38.267 | 2.343 | 0.0 | 39.869 | 2.109 |
| 102 | 4613 | 4614 | NS | 1 | 0.0 | 41.419 | 2.329 | 0.0 | 50.568 | 1.991 | 0.0 | 40.44 | 1.576 | 0.0 | 48.837 | 1.463 | 0.0 | 40.96 | 1.974 | 0.0 | 46.242 | 1.717 | 0.0 | 38.39 | 1.363 | 0.0 | 49.851 | 1.158 |
| 103 | 4614 | 4615 | SN | 1 | 0.0 | 52.683 | 4.31 | 0.0 | 54.447 | 4.423 | 0.0 | 43.851 | 2.521 | 0.0 | 39.634 | 2.584 | 0.0 | 54.766 | 4.337 | 0.0 | 52.812 | 4.331 | 0.0 | 44.815 | 2.456 | 0.0 | 40.83 | 2.55 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104 | 4614 | 4615 | SN | 1 | 0.0 | 58.136 | 12.59 | 0.0 | 56.608 | 12.988 | 0.0 | 48.475 | 8.745 | 0.0 | 52.912 | 8.916 | 0.0 | 57.24 | 12.701 | 0.0 | 55.196 | 12.968 | 0.0 | 47.513 | 8.823 | 0.0 | 53.444 | 8.731 |
| 105 | 4614 | 4615 | SN | 1 | 0.0 | 52.683 | 4.293 | 0.0 | 54.447 | 4.45 | 0.0 | 43.851 | 2.526 | 0.0 | 39.634 | 2.541 | 0.0 | 54.766 | 4.328 | 0.0 | 52.812 | 4.342 | 0.0 | 44.815 | 2.455 | 0.0 | 40.83 | 2.51 |
| 106 | 4614 | 4615 | SN | 1 | 0.0 | 58.136 | 12.174 | 0.0 | 56.608 | 12.741 | 0.0 | 48.475 | 8.753 | 0.0 | 52.912 | 8.827 | 0.0 | 57.24 | 12.29 | 0.0 | 55.196 | 12.72 | 0.0 | 47.513 | 8.812 | 0.0 | 53.444 | 8.59 |
| 107 | 4614 | 4615 | NS | 1 | 0.0 | 45.609 | 6.782 | 0.0 | 46.162 | 5.923 | 0.0 | 39.936 | 5.077 | 0.0 | 47.047 | 5.032 | 0.0 | 47.742 | 5.99 | 0.0 | 46.828 | 5.438 | 0.0 | 39.699 | 4.799 | 0.0 | 48.703 | 4.754 |
| 108 | 4614 | 4615 | NS | 1 | 0.0 | 44.003 | 2.234 | 0.0 | 39.845 | 1.941 | 0.0 | 37.249 | 1.712 | 0.0 | 40.593 | 1.706 | 0.0 | 44.094 | 1.944 | 0.0 | 40.916 | 1.64 | 0.0 | 39.699 | 1.545 | 0.0 | 41.594 | 1.491 |
| 109 | 4615 | 4616 | SN | 1 | 0.0 | 44.866 | 2.158 | 0.0 | 47.852 | 2.229 | 0.0 | 42.501 | 1.393 | 0.0 | 41.286 | 1.441 | 0.0 | 45.652 | 1.911 | 0.0 | 49.205 | 1.992 | 0.0 | 43.328 | 1.238 | 0.0 | 39.209 | 1.235 |
| 110 | 4615 | 4616 | NS | 1 | 0.0 | 47.446 | 7.816 | 0.0 | 44.3 | 7.126 | 0.0 | 45.886 | 6.387 | 0.0 | 48.91 | 6.036 | 0.0 | 48.991 | 7.298 | 0.0 | 45.165 | 6.439 | 0.0 | 45.548 | 6.401 | 0.0 | 45.843 | 5.751 |
| 111 | 4615 | 4616 | NS | 1 | 0.0 | 41.819 | 2.765 | 0.0 | 42.061 | 2.437 | 0.0 | 36.754 | 2.031 | 0.0 | 51.91 | 1.939 | 0.0 | 42.733 | 2.657 | 0.0 | 42.472 | 2.401 | 0.0 | 35.415 | 1.927 | 0.0 | 50.512 | 1.825 |
| 112 | 4615 | 4616 | SN | 1 | 0.0 | 54.095 | 6.931 | 0.0 | 54.92 | 7.103 | 0.0 | 43.333 | 4.762 | 0.0 | 43.486 | 4.981 | 0.0 | 51.742 | 6.194 | 0.0 | 52.407 | 6.616 | 0.0 | 43.658 | 4.422 | 0.0 | 43.398 | 4.525 |
| 113 | 4616 | 4617 | SN | 1 | 0.0 | 49.699 | 2.039 | 0.0 | 47.906 | 1.899 | 0.0 | 39.008 | 1.418 | 0.0 | 40.391 | 1.359 | 0.0 | 49.262 | 1.731 | 0.0 | 53.587 | 1.683 | 0.0 | 39.779 | 1.232 | 0.0 | 41.078 | 1.125 |
| 114 | 4616 | 4617 | NS | 1 | 0.0 | 50.571 | 3.414 | 0.0 | 46.781 | 2.758 | 0.0 | 40.723 | 2.119 | 0.0 | 40.055 | 1.955 | 0.0 | 53.47 | 3.108 | 0.0 | 46.516 | 2.428 | 0.0 | 40.709 | 1.914 | 0.0 | 38.783 | 1.756 |
| 115 | 4616 | 4617 | SN | 1 | 0.0 | 54.705 | 5.982 | 0.0 | 43.041 | 5.454 | 0.0 | 41.718 | 4.471 | 0.0 | 46.651 | 4.227 | 0.0 | 53.968 | 5.356 | 0.0 | 44.22 | 4.838 | 0.0 | 40.673 | 4.018 | 0.0 | 44.756 | 3.81 |
| 116 | 4616 | 4617 | NS | 1 | 0.0 | 51.715 | 10.234 | 0.0 | 49.838 | 8.273 | 0.0 | 45.199 | 7.382 | 0.0 | 46.079 | 7.157 | 0.0 | 52.695 | 9.259 | 0.0 | 48.417 | 7.797 | 0.0 | 44.59 | 6.919 | 0.0 | 45.419 | 6.273 |
| 117 | 4617 | 4618 | NS | 1 | 0.0 | 53.132 | 6.039 | 0.0 | 45.421 | 5.595 | 0.0 | 43.85 | 4.255 | 0.0 | 43.748 | 4.393 | 0.0 | 51.451 | 5.035 | 0.0 | 48.451 | 5.039 | 0.0 | 45.977 | 3.856 | 0.0 | 44.823 | 3.986 |
| 118 | 4617 | 4618 | SN | 1 | 0.0 | 47.471 | 4.579 | 0.0 | 58.187 | 4.902 | 0.0 | 43.856 | 3.339 | 0.0 | 43.494 | 3.686 | 0.0 | 47.435 | 3.791 | 0.0 | 57.269 | 4.151 | 0.0 | 41.274 | 2.927 | 0.0 | 42.54 | 3.109 |
| 119 | 4617 | 4618 | NS | 1 | 0.0 | 45.886 | 1.762 | 0.0 | 46.098 | 1.607 | 0.0 | 39.008 | 1.251 | 0.0 | 43.361 | 1.303 | 0.0 | 47.768 | 1.438 | 0.0 | 41.752 | 1.381 | 0.0 | 39.539 | 1.054 | 0.0 | 42.306 | 1.029 |
| 120 | 4617 | 4618 | SN | 1 | 0.0 | 43.813 | 1.337 | 0.0 | 46.746 | 1.419 | 0.0 | 40.075 | 0.967 | 0.0 | 41.435 | 1.024 | 0.0 | 45.94 | 0.99 | 0.0 | 47.715 | 1.148 | 0.0 | 39.19 | 0.831 | 0.0 | 38.259 | 0.847 |
| 121 | 4618 | 4619 | SN | 1 | 0.0 | 51.988 | 6.749 | 0.0 | 63.532 | 6.116 | 0.0 | 47.795 | 4.606 | 0.0 | 48.525 | 4.793 | 0.0 | 54.043 | 5.88 | 0.0 | 64.769 | 5.488 | 0.0 | 46.603 | 4.251 | 0.0 | 50.006 | 4.076 |
| 122 | 4618 | 4619 | NS | 1 | 0.0 | 44.195 | 1.978 | 0.0 | 43.782 | 1.76 | 0.0 | 39.305 | 1.355 | 0.0 | 47.962 | 1.432 | 0.0 | 45.935 | 1.558 | 0.0 | 44.574 | 1.416 | 0.0 | 39.23 | 1.187 | 0.0 | 47.15 | 1.182 |
| 123 | 4618 | 4619 | NS | 1 | 0.0 | 50.146 | 5.673 | 0.0 | 50.825 | 4.46 | 0.0 | 45.941 | 4.468 | 0.0 | 48.591 | 4.554 | 0.0 | 49.635 | 4.729 | 0.0 | 50.126 | 3.934 | 0.0 | 47.108 | 4.084 | 0.0 | 46.597 | 4.005 |
| 124 | 4618 | 4619 | SN | 1 | 0.0 | 47.027 | 2.084 | 0.0 | 54.179 | 1.986 | 0.0 | 40.371 | 1.344 | 0.0 | 45.403 | 1.33 | 0.0 | 44.874 | 1.785 | 0.0 | 50.752 | 1.747 | 0.0 | 40.908 | 1.16 | 0.0 | 42.314 | 1.174 |
| 125 | 4619 | 4620 | SN | 1 | 0.0 | 41.979 | 1.58 | 0.0 | 44.985 | 1.704 | 0.0 | 41.914 | 1.114 | 0.0 | 41.419 | 1.294 | 0.0 | 43.359 | 1.418 | 0.0 | 43.814 | 1.48 | 0.0 | 42.607 | 0.955 | 0.0 | 39.345 | 1.115 |
| 126 | 4619 | 4620 | SN | 1 | 0.0 | 57.601 | 5.578 | 0.0 | 42.501 | 5.735 | 0.0 | 46.481 | 3.898 | 0.0 | 48.164 | 4.143 | 0.0 | 57.89 | 4.972 | 0.0 | 43.138 | 5.197 | 0.0 | 45.738 | 3.281 | 0.0 | 47.686 | 3.645 |
| 127 | 4619 | 4620 | NS | 1 | 0.0 | 41.104 | 2.485 | 0.0 | 45.839 | 2.151 | 0.0 | 43.401 | 1.916 | 0.0 | 40.462 | 1.763 | 0.0 | 40.633 | 2.209 | 0.0 | 42.782 | 1.932 | 0.0 | 43.584 | 1.762 | 0.0 | 39.714 | 1.661 |
| 128 | 4619 | 4620 | NS | 1 | 0.0 | 47.205 | 6.92 | 0.0 | 49.06 | 6.068 | 0.0 | 43.212 | 5.72 | 0.0 | 43.443 | 5.409 | 0.0 | 47.085 | 6.667 | 0.0 | 49.653 | 5.936 | 0.0 | 43.628 | 5.634 | 0.0 | 46.731 | 5.174 |
| 129 | 4620 | 4621 | NS | 1 | 0.0 | 49.979 | 6.488 | 0.0 | 48.859 | 5.028 | 0.0 | 44.708 | 4.106 | 0.0 | 45.315 | 4.277 | 0.0 | 49.341 | 5.747 | 0.0 | 50.194 | 4.38 | 0.0 | 43.93 | 3.658 | 0.0 | 43.333 | 3.508 |
| 130 | 4620 | 4621 | NS | 1 | 0.0 | 41.129 | 2.07 | 0.0 | 46.178 | 1.52 | 0.0 | 39.701 | 1.397 | 0.0 | 39.551 | 1.397 | 0.0 | 40.439 | 1.627 | 0.0 | 43.235 | 1.212 | 0.0 | 39.981 | 1.264 | 0.0 | 36.895 | 1.169 |
| 131 | 4620 | 4621 | NS | 1 | 0.0 | 41.129 | 2.144 | 0.0 | 46.178 | 1.567 | 0.0 | 39.701 | 1.447 | 0.0 | 39.551 | 1.445 | 0.0 | 40.439 | 1.685 | 0.0 | 43.235 | 1.251 | 0.0 | 39.981 | 1.311 | 0.0 | 36.895 | 1.21 |
| 132 | 4620 | 4621 | SN | 1 | 0.0 | 53.594 | 7.74 | 0.0 | 48.935 | 7.56 | 0.0 | 46.523 | 5.292 | 0.0 | 46.288 | 5.413 | 0.0 | 53.599 | 6.851 | 0.0 | 49.978 | 6.576 | 0.0 | 44.167 | 5.122 | 0.0 | 44.207 | 5.036 |
| 133 | 4620 | 4621 | SN | 1 | 0.0 | 47.057 | 2.653 | 0.0 | 41.214 | 2.422 | 0.0 | 39.789 | 1.896 | 0.0 | 46.152 | 1.903 | 0.0 | 44.042 | 2.228 | 0.0 | 41.018 | 2.014 | 0.0 | 37.994 | 1.683 | 0.0 | 42.163 | 1.603 |
| 134 | 4620 | 4621 | NS | 1 | 0.0 | 49.979 | 6.708 | 0.0 | 48.859 | 5.206 | 0.0 | 44.708 | 4.255 | 0.0 | 45.315 | 4.425 | 0.0 | 49.341 | 5.94 | 0.0 | 50.194 | 4.535 | 0.0 | 43.93 | 3.79 | 0.0 | 43.333 | 3.629 |
| 135 | 4621 | 4622 | NS | 1 | 0.0 | 47.869 | 3.485 | 0.0 | 53.91 | 3.052 | 0.0 | 39.334 | 2.315 | 0.0 | 44.899 | 2.192 | 0.0 | 48.236 | 3.245 | 0.0 | 50.815 | 2.81 | 0.0 | 42.652 | 2.2 | 0.0 | 44.501 | 2.074 |
| 136 | 4621 | 4622 | NS | 1 | 0.0 | 46.204 | 10.01 | 0.0 | 56.23 | 8.545 | 0.0 | 41.238 | 7.162 | 0.0 | 44.139 | 6.717 | 0.0 | 45.806 | 9.306 | 0.0 | 54.31 | 7.77 | 0.0 | 43.055 | 7.169 | 0.0 | 45.618 | 6.419 |

| 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 | 4593 | 4594 | SN | 1 | 0.0 | 31.298 | 15.817 | 0.0 | 27.15 | 13.753 | 0.0 | 220.275 | 14.19 | 0.0 | 14.477 | 13.06 | 0.0 | 1.9 | 0.0 | 0.0 | 1.936 | 0.0 | 0.0 | 2.064 | 0.0 | 0.0 | 2.093 | 0.0 |
| 2 | 4593 | 4594 | SN | 1 | 0.0 | 24.729 | 9.599 | 0.0 | 27.776 | 9.935 | 0.0 | 173.143 | 3.879 | 0.0 | 261.836 | 4.008 | 0.0 | 1.894 | 0.0 | 0.0 | 1.952 | 0.0 | 0.0 | 2.06 | 0.0 | 0.0 | 2.109 | 0.0 |
| 3 | 4593 | 4594 | SN | 1 | 0.0 | 29.23 | 15.704 | 0.0 | 28.502 | 14.154 | 0.0 | 220.275 | 13.785 | 0.0 | 67.52 | 13.777 | 0.0 | 1.9 | 0.0 | 0.0 | 1.936 | 0.0 | 0.0 | 2.064 | 0.0 | 0.0 | 2.093 | 0.0 |
| 4 | 4593 | 4594 | SN | 1 | 0.0 | 24.729 | 9.693 | 0.0 | 25.937 | 9.881 | 0.0 | 173.143 | 4.018 | 0.0 | 14.19 | 3.824 | 0.0 | 1.894 | 0.0 | 0.0 | 1.952 | 0.0 | 0.0 | 2.06 | 0.0 | 0.0 | 2.109 | 0.0 |
| 5 | 4594 | 4595 | SN | 1 | 0.0 | 29.18 | 15.666 | 0.0 | 28.579 | 14.156 | 0.0 | 174.693 | 13.856 | 0.0 | 68.524 | 13.763 | 0.0 | 1.902 | 0.0 | 0.0 | 1.934 | 0.0 | 0.0 | 2.063 | 0.0 | 0.0 | 2.092 | 0.0 |
| 6 | 4594 | 4595 | SN | 1 | 0.0 | 24.724 | 9.608 | 0.0 | 26.152 | 9.851 | 0.0 | 189.92 | 3.931 | 0.0 | 14.19 | 3.867 | 0.0 | 1.893 | 0.0 | 0.0 | 1.953 | 0.0 | 0.0 | 2.061 | 0.0 | 0.0 | 2.12 | 0.0 |
| 7 | 4594 | 4595 | NS | 1 | 0.0 | 27.288 | 15.05 | 0.0 | 31.877 | 14.356 | 0.0 | 353.917 | 10.109 | 0.0 | 51.571 | 10.108 | 0.0 | 1.907 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.03 | 0.0 | 0.0 | 2.005 | 0.0 |
| 8 | 4594 | 4595 | NS | 1 | 0.0 | 26.853 | 8.185 | 0.0 | 25.777 | 8.29 | 0.0 | 351.601 | 1.885 | 0.0 | 39.548 | 1.659 | 0.0 | 1.897 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.005 | 0.0 |
| 9 | 4594 | 4595 | SN | 1 | 0.0 | 31.32 | 15.702 | 0.0 | 27.266 | 13.967 | 0.0 | 174.693 | 13.988 | 0.0 | 18.79 | 13.375 | 0.0 | 1.902 | 0.0 | 0.0 | 1.934 | 0.0 | 0.0 | 2.063 | 0.0 | 0.0 | 2.092 | 0.0 |
| 10 | 4594 | 4595 | SN | 1 | 0.0 | 24.724 | 9.576 | 0.0 | 26.786 | 9.938 | 0.0 | 189.92 | 3.891 | 0.0 | 68.596 | 4.006 | 0.0 | 1.893 | 0.0 | 0.0 | 1.953 | 0.0 | 0.0 | 2.061 | 0.0 | 0.0 | 2.12 | 0.0 |
| 11 | 4595 | 4596 | SN | 1 | 0.0 | 29.263 | 15.725 | 0.0 | 27.277 | 14.17 | 0.0 | 175.719 | 13.867 | 0.0 | 63.996 | 13.919 | 0.0 | 1.978 | 0.0 | 0.0 | 1.923 | 0.0 | 0.0 | 2.066 | 0.0 | 0.0 | 2.101 | 0.0 |
| 12 | 4595 | 4596 | NS | 1 | 0.0 | 30.046 | 8.22 | 0.0 | 29.555 | 8.186 | 0.0 | 351.788 | 1.917 | 0.0 | 36.007 | 1.717 | 0.0 | 15.898 | 1.312 | 0.0 | 15.924 | 1.994 | 0.0 | 4.532 | 1.205 | 0.0 | 4.545 | 1.682 |
| 13 | 4595 | 4596 | SN | 1 | 0.0 | 24.718 | 9.561 | 0.0 | 27.843 | 9.845 | 0.0 | 243.2 | 3.998 | 0.0 | 69.787 | 4.08 | 0.0 | 1.97 | 0.0 | 0.0 | 1.931 | 0.0 | 0.0 | 2.061 | 0.0 | 0.0 | 2.091 | 0.0 |
| 14 | 4595 | 4596 | SN | 1 | 0.0 | 31.171 | 15.76 | 0.0 | 27.277 | 14.157 | 0.0 | 175.719 | 13.867 | 0.0 | 63.996 | 13.799 | 0.0 | 1.978 | 0.0 | 0.0 | 1.923 | 0.0 | 0.0 | 2.066 | 0.0 | 0.0 | 2.101 | 0.0 |
| 15 | 4595 | 4596 | NS | 1 | 0.0 | 27.581 | 14.601 | 0.0 | 36.509 | 14.293 | 0.0 | 350.928 | 9.278 | 0.0 | 49.475 | 9.598 | 0.0 | 16.007 | 1.81 | 0.0 | 16.009 | 2.677 | 0.0 | 4.577 | 1.861 | 0.0 | 4.408 | 2.473 |
| 16 | 4595 | 4596 | SN | 1 | 0.0 | 24.718 | 9.549 | 0.0 | 27.843 | 9.897 | 0.0 | 243.2 | 3.998 | 0.0 | 65.209 | 4.126 | 0.0 | 1.97 | 0.0 | 0.0 | 1.931 | 0.0 | 0.0 | 2.061 | 0.0 | 0.0 | 2.091 | 0.0 |
| 17 | 4596 | 4597 | SN | 1 | 0.0 | 24.713 | 9.527 | 0.0 | 25.441 | 9.988 | 0.0 | 271.548 | 4.105 | 0.0 | 70.189 | 4.173 | 0.0 | 1.944 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.079 | 0.0 | 0.0 | 2.083 | 0.0 |
| 18 | 4596 | 4597 | SN | 1 | 0.0 | 24.713 | 9.526 | 0.0 | 27.332 | 10.065 | 0.0 | 271.548 | 4.103 | 0.0 | 145.88 | 4.18 | 0.0 | 1.944 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.079 | 0.0 | 0.0 | 2.083 | 0.0 |
| 19 | 4596 | 4597 | NS | 1 | 0.0 | 27.255 | 14.973 | 0.0 | 31.755 | 14.151 | 0.0 | 353.867 | 9.667 | 0.0 | 49.751 | 10.24 | 0.0 | 1.949 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.048 | 0.0 | 0.0 | 2.014 | 0.0 |
| 20 | 4596 | 4597 | SN | 1 | 0.0 | 32.158 | 15.699 | 0.0 | 27.255 | 14.006 | 0.0 | 179.408 | 13.82 | 0.0 | 63.047 | 13.923 | 0.0 | 1.969 | 0.0 | 0.0 | 1.925 | 0.0 | 0.0 | 2.082 | 0.0 | 0.0 | 2.094 | 0.0 |
| 21 | 4596 | 4597 | SN | 1 | 0.0 | 30.481 | 15.731 | 0.0 | 28.413 | 13.925 | 0.0 | 179.408 | 13.82 | 0.0 | 60.411 | 14.082 | 0.0 | 1.969 | 0.0 | 0.0 | 1.925 | 0.0 | 0.0 | 2.082 | 0.0 | 0.0 | 2.094 | 0.0 |
| 22 | 4596 | 4597 | NS | 1 | 0.0 | 26.83 | 8.078 | 0.0 | 25.75 | 8.308 | 0.0 | 353.867 | 1.9 | 0.0 | 33.443 | 1.69 | 0.0 | 1.932 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.041 | 0.0 | 0.0 | 2.014 | 0.0 |
| 23 | 4597 | 4598 | NS | 1 | 0.0 | 27.561 | 8.289 | 0.0 | 25.794 | 8.272 | 0.0 | 348.634 | 1.878 | 0.0 | 38.478 | 1.718 | 0.0 | 1.897 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.005 | 0.0 |
| 24 | 4597 | 4598 | SN | 1 | 0.0 | 24.795 | 9.907 | 0.0 | 26.748 | 10.054 | 0.0 | 231.9 | 4.72 | 0.0 | 14.311 | 4.639 | 0.0 | 1.901 | 0.0 | 0.0 | 1.96 | 0.0 | 0.0 | 2.064 | 0.0 | 0.0 | 2.109 | 0.0 |
| 25 | 4597 | 4598 | SN | 1 | 0.0 | 24.795 | 9.883 | 0.0 | 27.437 | 10.138 | 0.0 | 231.9 | 4.683 | 0.0 | 148.384 | 4.766 | 0.0 | 1.901 | 0.0 | 0.0 | 1.96 | 0.0 | 0.0 | 2.064 | 0.0 | 0.0 | 2.109 | 0.0 |
| 26 | 4597 | 4598 | NS | 1 | 0.0 | 27.277 | 15.063 | 0.0 | 31.43 | 14.47 | 0.0 | 357.976 | 10.144 | 0.0 | 53.964 | 10.183 | 0.0 | 1.907 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.006 | 0.0 |
| 27 | 4597 | 4598 | SN | 1 | 0.0 | 30.741 | 15.841 | 0.0 | 27.272 | 13.894 | 0.0 | 205.792 | 14.348 | 0.0 | 22.264 | 13.78 | 0.0 | 1.904 | 0.0 | 0.0 | 1.944 | 0.0 | 0.0 | 2.066 | 0.0 | 0.0 | 2.118 | 0.0 |
| 28 | 4597 | 4598 | SN | 1 | 0.0 | 29.235 | 15.841 | 0.0 | 27.851 | 14.009 | 0.0 | 205.792 | 14.248 | 0.0 | 60.477 | 14.061 | 0.0 | 1.904 | 0.0 | 0.0 | 1.944 | 0.0 | 0.0 | 2.066 | 0.0 | 0.0 | 2.118 | 0.0 |
| 29 | 4598 | 4599 | SN | 1 | 0.0 | 30.834 | 15.904 | 0.0 | 27.277 | 13.792 | 0.0 | 95.718 | 14.492 | 0.0 | 16.264 | 13.49 | 0.0 | 1.905 | 0.0 | 0.0 | 1.976 | 0.0 | 0.0 | 2.066 | 0.0 | 0.0 | 2.1 | 0.0 |
| 30 | 4598 | 4599 | SN | 1 | 0.0 | 24.806 | 9.918 | 0.0 | 26.66 | 10.091 | 0.0 | 182.585 | 4.781 | 0.0 | 14.3 | 4.611 | 0.0 | 1.899 | 0.0 | 0.0 | 1.96 | 0.0 | 0.0 | 2.063 | 0.0 | 0.0 | 2.104 | 0.0 |
| 31 | 4598 | 4599 | SN | 1 | 0.0 | 29.649 | 15.867 | 0.0 | 28.507 | 14.042 | 0.0 | 95.718 | 14.26 | 0.0 | 77.398 | 14.03 | 0.0 | 1.905 | 0.0 | 0.0 | 1.976 | 0.0 | 0.0 | 2.066 | 0.0 | 0.0 | 2.1 | 0.0 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 4598 | 4599 | NS | 1 | 0.0 | 27.448 | 8.266 | 0.0 | 25.783 | 8.252 | 0.0 | 349.152 | 1.892 | 0.0 | 56.611 | 1.706 | 0.0 | 1.897 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.02 | 0.0 | 0.0 | 2.004 | 0.0 |
| 33 | 4598 | 4599 | SN | 1 | 0.0 | 24.806 | 9.862 | 0.0 | 27.774 | 10.174 | 0.0 | 182.585 | 4.692 | 0.0 | 71.474 | 4.77 | 0.0 | 1.899 | 0.0 | 0.0 | 1.96 | 0.0 | 0.0 | 2.063 | 0.0 | 0.0 | 2.104 | 0.0 |
| 34 | 4598 | 4599 | NS | 1 | 0.0 | 27.288 | 15.143 | 0.0 | 31.518 | 14.48 | 0.0 | 358.461 | 10.11 | 0.0 | 38.357 | 10.155 | 0.0 | 1.906 | 0.0 | 0.0 | 1.881 | 0.0 | 0.0 | 2.03 | 0.0 | 0.0 | 2.004 | 0.0 |
| 35 | 4599 | 4600 | NS | 1 | 0.0 | 26.825 | 8.289 | 0.0 | 25.788 | 8.324 | 0.0 | 353.051 | 1.898 | 0.0 | 39.013 | 1.725 | 0.0 | 1.897 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.005 | 0.0 |
| 36 | 4599 | 4600 | SN | 1 | 0.0 | 24.79 | 9.883 | 0.0 | 26.693 | 10.111 | 0.0 | 180.081 | 4.676 | 0.0 | 170.394 | 4.68 | 0.0 | 1.899 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.063 | 0.0 | 0.0 | 2.103 | 0.0 |
| 37 | 4599 | 4600 | NS | 1 | 0.0 | 27.277 | 15.066 | 0.0 | 32.373 | 14.502 | 0.0 | 358.053 | 10.194 | 0.0 | 54.394 | 10.253 | 0.0 | 1.907 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.005 | 0.0 |
| 38 | 4600 | 4601 | SN | 1 | 0.0 | 24.806 | 9.807 | 0.0 | 27.768 | 10.161 | 0.0 | 170.342 | 4.604 | 0.0 | 72.737 | 4.637 | 0.0 | 1.901 | 0.0 | 0.0 | 1.958 | 0.0 | 0.0 | 2.061 | 0.0 | 0.0 | 2.108 | 0.0 |
| 39 | 4600 | 4601 | SN | 1 | 0.0 | 29.753 | 15.81 | 0.0 | 28.502 | 14.011 | 0.0 | 152.269 | 14.203 | 0.0 | 66.985 | 14.123 | 0.0 | 1.904 | 0.0 | 0.0 | 1.94 | 0.0 | 0.0 | 2.065 | 0.0 | 0.0 | 2.077 | 0.0 |
| 40 | 4600 | 4601 | SN | 1 | 0.0 | 24.806 | 9.983 | 0.0 | 25.435 | 10.104 | 0.0 | 170.342 | 4.888 | 0.0 | 14.3 | 4.495 | 0.0 | 1.901 | 0.0 | 0.0 | 1.958 | 0.0 | 0.0 | 2.061 | 0.0 | 0.0 | 2.108 | 0.0 |
| 41 | 4600 | 4601 | NS | 1 | 0.0 | 27.277 | 15.175 | 0.0 | 31.54 | 14.513 | 0.0 | 358.539 | 10.195 | 0.0 | 44.649 | 10.349 | 0.0 | 1.909 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.03 | 0.0 | 0.0 | 2.005 | 0.0 |
| 42 | 4600 | 4601 | SN | 1 | 0.0 | 30.928 | 16.045 | 0.0 | 27.018 | 13.497 | 0.0 | 152.269 | 14.782 | 0.0 | 14.626 | 13.27 | 0.0 | 1.904 | 0.0 | 0.0 | 1.94 | 0.0 | 0.0 | 2.065 | 0.0 | 0.0 | 2.077 | 0.0 |
| 43 | 4600 | 4601 | NS | 1 | 0.0 | 27.387 | 8.327 | 0.0 | 25.794 | 8.287 | 0.0 | 349.51 | 1.927 | 0.0 | 56.926 | 1.74 | 0.0 | 1.896 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.005 | 0.0 |
| 44 | 4601 | 4602 | NS | 1 | 0.0 | 26.836 | 8.307 | 0.0 | 25.799 | 8.276 | 0.0 | 348.336 | 1.905 | 0.0 | 39.289 | 1.742 | 0.0 | 1.897 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.005 | 0.0 |
| 45 | 4601 | 4602 | NS | 1 | 0.0 | 27.294 | 15.086 | 0.0 | 32.417 | 14.552 | 0.0 | 358.103 | 10.223 | 0.0 | 54.803 | 10.303 | 0.0 | 1.906 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.005 | 0.0 |
| 46 | 4602 | 4603 | SN | 1 | 0.0 | 31.695 | 15.822 | 0.0 | 28.568 | 14.038 | 0.0 | 356.013 | 14.234 | 0.0 | 66.638 | 13.997 | 0.0 | 1.903 | 0.0 | 0.0 | 1.928 | 0.0 | 0.0 | 2.064 | 0.0 | 0.0 | 2.108 | 0.0 |
| 47 | 4602 | 4603 | SN | 1 | 0.0 | 24.773 | 9.819 | 0.0 | 26.478 | 10.057 | 0.0 | 326.138 | 4.624 | 0.0 | 154.489 | 4.558 | 0.0 | 1.902 | 0.0 | 0.0 | 1.959 | 0.0 | 0.0 | 2.059 | 0.0 | 0.0 | 2.109 | 0.0 |
| 48 | 4603 | 4604 | SN | 1 | 0.0 | 24.79 | 9.839 | 0.0 | 45.127 | 10.092 | 0.0 | 347.707 | 4.653 | 0.0 | 139.979 | 4.59 | 0.0 | 1.9 | 0.0 | 0.0 | 1.958 | 0.0 | 0.0 | 2.061 | 0.0 | 0.0 | 2.106 | 0.0 |
| 49 | 4603 | 4604 | NS | 1 | 0.0 | 27.277 | 15.123 | 0.0 | 32.362 | 14.565 | 0.0 | 358.152 | 10.191 | 0.0 | 53.523 | 10.195 | 0.0 | 1.906 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.03 | 0.0 | 0.0 | 2.005 | 0.0 |
| 50 | 4603 | 4604 | SN | 1 | 0.0 | 33.178 | 15.821 | 0.0 | 28.457 | 14.054 | 0.0 | 80.999 | 14.187 | 0.0 | 64.222 | 14.016 | 0.0 | 1.906 | 0.0 | 0.0 | 1.935 | 0.0 | 0.0 | 2.064 | 0.0 | 0.0 | 2.11 | 0.0 |
| 51 | 4603 | 4604 | NS | 1 | 0.0 | 26.814 | 8.288 | 0.0 | 25.805 | 8.276 | 0.0 | 353.15 | 1.924 | 0.0 | 38.848 | 1.743 | 0.0 | 1.897 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.005 | 0.0 |
| 52 | 4604 | 4605 | NS | 1 | 0.0 | 26.819 | 8.316 | 0.0 | 25.794 | 8.276 | 0.0 | 319.928 | 1.911 | 0.0 | 36.349 | 1.746 | 0.0 | 1.897 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.007 | 0.0 |
| 53 | 4604 | 4605 | NS | 1 | 0.0 | 27.277 | 15.07 | 0.0 | 31.496 | 14.6 | 0.0 | 317.281 | 10.276 | 0.0 | 40.513 | 10.341 | 0.0 | 1.905 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.031 | 0.0 | 0.0 | 2.006 | 0.0 |
| 54 | 4604 | 4605 | NS | 1 | 0.0 | 27.277 | 15.07 | 0.0 | 31.496 | 14.6 | 0.0 | 317.281 | 10.276 | 0.0 | 40.513 | 10.341 | 0.0 | 1.905 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.031 | 0.0 | 0.0 | 2.006 | 0.0 |
| 55 | 4604 | 4605 | SN | 1 | 0.0 | 30.691 | 15.877 | 0.0 | 27.84 | 14.043 | 0.0 | 141.399 | 14.167 | 0.0 | 57.593 | 13.924 | 0.0 | 1.907 | 0.0 | 0.0 | 1.966 | 0.0 | 0.0 | 2.063 | 0.0 | 0.0 | 2.124 | 0.0 |
| 56 | 4604 | 4605 | NS | 1 | 0.0 | 26.819 | 8.316 | 0.0 | 25.794 | 8.276 | 0.0 | 319.928 | 1.911 | 0.0 | 36.349 | 1.746 | 0.0 | 1.897 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.023 | 0.0 | 0.0 | 2.007 | 0.0 |
| 57 | 4604 | 4605 | SN | 1 | 0.0 | 24.779 | 9.842 | 0.0 | 26.428 | 10.072 | 0.0 | 248.699 | 4.627 | 0.0 | 144.11 | 4.579 | 0.0 | 1.9 | 0.0 | 0.0 | 1.959 | 0.0 | 0.0 | 2.062 | 0.0 | 0.0 | 2.106 | 0.0 |
| 58 | 4605 | 4606 | NS | 1 | 0.0 | 26.797 | 8.327 | 0.0 | 25.799 | 8.316 | 0.0 | 285.625 | 1.932 | 0.0 | 39.195 | 1.755 | 0.0 | 1.896 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.006 | 0.0 |
| 59 | 4605 | 4606 | NS | 1 | 0.0 | 26.797 | 8.433 | 0.0 | 25.799 | 8.303 | 0.0 | 285.625 | 1.997 | 0.0 | 11.604 | 1.644 | 0.0 | 1.896 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.006 | 0.0 |
| 60 | 4605 | 4606 | SN | 1 | 0.0 | 33.239 | 15.85 | 0.0 | 28.54 | 14.04 | 0.0 | 79.774 | 14.195 | 0.0 | 64.57 | 13.978 | 0.0 | 1.903 | 0.0 | 0.0 | 1.972 | 0.0 | 0.0 | 2.066 | 0.0 | 0.0 | 2.101 | 0.0 |
| 61 | 4605 | 4606 | SN | 1 | 0.0 | 24.801 | 9.848 | 0.0 | 26.45 | 10.063 | 0.0 | 205.037 | 4.683 | 0.0 | 148.858 | 4.562 | 0.0 | 1.898 | 0.0 | 0.0 | 1.957 | 0.0 | 0.0 | 2.062 | 0.0 | 0.0 | 2.101 | 0.0 |
| 62 | 4605 | 4606 | NS | 1 | 0.0 | 27.266 | 15.096 | 0.0 | 32.406 | 14.584 | 0.0 | 338.045 | 10.237 | 0.0 | 53.904 | 10.324 | 0.0 | 1.907 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.031 | 0.0 | 0.0 | 2.007 | 0.0 |
| 63 | 4605 | 4606 | NS | 1 | 0.0 | 27.266 | 15.266 | 0.0 | 31.044 | 14.169 | 0.0 | 338.045 | 10.491 | 0.0 | 14.096 | 9.751 | 0.0 | 1.907 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.031 | 0.0 | 0.0 | 2.007 | 0.0 |
| 64 | 4606 | 4607 | NS | 1 | 0.0 | 27.283 | 15.455 | 0.0 | 31.038 | 14.049 | 0.0 | 349.461 | 10.989 | 0.0 | 13.33 | 9.493 | 0.0 | 1.907 | 0.0 | 0.0 | 1.881 | 0.0 | 0.0 | 2.031 | 0.0 | 0.0 | 2.006 | 0.0 |
| 65 | 4606 | 4607 | NS | 1 | 0.0 | 26.814 | 8.694 | 0.0 | 25.799 | 8.394 | 0.0 | 320.827 | 2.128 | 0.0 | 11.593 | 1.714 | 0.0 | 1.897 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.006 | 0.0 |
| 66 | 4608 | 4609 | SN | 1 | 0.0 | 24.806 | 9.851 | 0.0 | 26.753 | 10.083 | 0.0 | 203.156 | 4.631 | 0.0 | 133.444 | 4.553 | 0.0 | 1.899 | 0.0 | 0.0 | 1.961 | 0.0 | 0.0 | 2.063 | 0.0 | 0.0 | 2.114 | 0.0 |
| 67 | 4608 | 4609 | SN | 1 | 0.0 | 29.649 | 15.823 | 0.0 | 28.502 | 14.087 | 0.0 | 188.078 | 14.289 | 0.0 | 62.165 | 14.185 | 0.0 | 1.904 | 0.0 | 0.0 | 1.937 | 0.0 | 0.0 | 2.069 | 0.0 | 0.0 | 2.115 | 0.0 |
| 68 | 4608 | 4609 | NS | 1 | 0.0 | 26.803 | 8.33 | 0.0 | 25.805 | 8.359 | 0.0 | 349.676 | 1.911 | 0.0 | 48.438 | 1.77 | 0.0 | 1.898 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.006 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | 4608 | 4609 | NS | 1 | 0.0 | 27.255 | 15.076 | 0.0 | 31.491 | 14.66 | 0.0 | 357.656 | 10.248 | 0.0 | 46.999 | 10.498 | 0.0 | 1.908 | 0.0 | 0.0 | 1.882 | 0.0 | 0.0 | 2.031 | 0.0 | 0.0 | 2.005 | 0.0 |
| 70 | 4608 | 4609 | SN | 1 | 0.0 | 30.586 | 15.839 | 0.0 | 28.502 | 14.056 | 0.0 | 188.078 | 14.289 | 0.0 | 62.16 | 14.065 | 0.0 | 1.904 | 0.0 | 0.0 | 1.937 | 0.0 | 0.0 | 2.069 | 0.0 | 0.0 | 2.115 | 0.0 |
| 71 | 4608 | 4609 | SN | 1 | 0.0 | 24.806 | 9.858 | 0.0 | 26.753 | 10.033 | 0.0 | 203.156 | 4.631 | 0.0 | 133.4 | 4.502 | 0.0 | 1.899 | 0.0 | 0.0 | 1.961 | 0.0 | 0.0 | 2.063 | 0.0 | 0.0 | 2.114 | 0.0 |
| 72 | 4609 | 4610 | SN | 1 | 0.0 | 29.593 | 15.825 | 0.0 | 28.452 | 14.074 | 0.0 | 178.995 | 14.291 | 0.0 | 66.5 | 14.158 | 0.0 | 4.803 | 0.424 | 0.0 | 3.688 | 0.031 | 0.0 | 3.991 | 0.504 | 0.0 | 3.312 | 0.007 |
| 73 | 4609 | 4610 | NS | 1 | 0.0 | 27.277 | 15.178 | 0.0 | 31.424 | 14.65 | 0.0 | 358.114 | 10.196 | 0.0 | 54.505 | 10.411 | 0.0 | 1.908 | 0.0 | 0.0 | 1.881 | 0.0 | 0.0 | 2.03 | 0.0 | 0.0 | 2.005 | 0.0 |
| 74 | 4609 | 4610 | SN | 1 | 0.0 | 30.696 | 15.884 | 0.0 | 28.253 | 13.945 | 0.0 | 178.995 | 14.445 | 0.0 | 22.413 | 13.879 | 0.0 | 4.803 | 0.43 | 0.0 | 2.156 | 0.0 | 0.0 | 3.991 | 0.512 | 0.0 | 2.099 | 0.0 |
| 75 | 4609 | 4610 | NS | 1 | 0.0 | 26.814 | 8.291 | 0.0 | 25.805 | 8.31 | 0.0 | 355.296 | 1.906 | 0.0 | 35.853 | 1.746 | 0.0 | 1.896 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.005 | 0.0 |
| 76 | 4609 | 4610 | SN | 1 | 0.0 | 26.433 | 9.925 | 0.0 | 26.472 | 10.024 | 0.0 | 205.368 | 4.737 | 0.0 | 14.278 | 4.454 | 0.0 | 4.898 | 0.286 | 0.0 | 2.036 | 0.0 | 0.0 | 3.999 | 0.352 | 0.0 | 2.107 | 0.0 |
| 77 | 4609 | 4610 | SN | 1 | 0.0 | 26.433 | 9.879 | 0.0 | 27.945 | 10.1 | 0.0 | 205.368 | 4.691 | 0.0 | 60.593 | 4.591 | 0.0 | 4.898 | 0.282 | 0.0 | 3.85 | 0.023 | 0.0 | 3.999 | 0.347 | 0.0 | 3.485 | 0.011 |
| 78 | 4610 | 4611 | SN | 1 | 0.0 | 28.932 | 15.846 | 0.0 | 27.25 | 13.913 | 0.0 | 187.058 | 14.128 | 0.0 | 67.095 | 14.218 | 0.0 | 1.932 | 0.0 | 0.0 | 1.923 | 0.0 | 0.0 | 2.08 | 0.0 | 0.0 | 2.088 | 0.0 |
| 79 | 4610 | 4611 | SN | 1 | 0.0 | 30.906 | 15.861 | 0.0 | 27.25 | 13.911 | 0.0 | 187.058 | 14.128 | 0.0 | 67.095 | 14.092 | 0.0 | 1.932 | 0.0 | 0.0 | 1.923 | 0.0 | 0.0 | 2.08 | 0.0 | 0.0 | 2.088 | 0.0 |
| 80 | 4610 | 4611 | NS | 1 | 0.0 | 27.343 | 13.54 | 0.0 | 34.485 | 14.15 | 0.0 | 353.581 | 9.408 | 0.0 | 45.256 | 10.104 | 0.0 | 15.906 | 1.707 | 0.0 | 15.949 | 2.155 | 0.0 | 4.573 | 1.441 | 0.0 | 4.898 | 1.955 |
| 81 | 4610 | 4611 | SN | 1 | 0.0 | 24.773 | 9.712 | 0.0 | 25.38 | 10.234 | 0.0 | 208.136 | 4.221 | 0.0 | 124.885 | 4.699 | 0.0 | 1.925 | 0.0 | 0.0 | 1.927 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.092 | 0.0 |
| 82 | 4610 | 4611 | SN | 1 | 0.0 | 24.773 | 9.705 | 0.0 | 25.38 | 10.288 | 0.0 | 208.136 | 4.221 | 0.0 | 124.885 | 4.752 | 0.0 | 1.925 | 0.0 | 0.0 | 1.927 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.092 | 0.0 |
| 83 | 4610 | 4611 | NS | 1 | 0.0 | 28.849 | 8.119 | 0.0 | 29.533 | 8.101 | 0.0 | 345.451 | 1.972 | 0.0 | 42.681 | 1.837 | 0.0 | 16.056 | 1.348 | 0.0 | 15.942 | 1.73 | 0.0 | 4.506 | 0.94 | 0.0 | 4.984 | 1.379 |
| 84 | 4611 | 4612 | SN | 1 | 0.0 | 30.796 | 15.697 | 0.0 | 27.288 | 13.868 | 0.0 | 170.165 | 14.177 | 0.0 | 60.472 | 13.795 | 0.0 | 1.997 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.111 | 0.0 | 0.0 | 2.085 | 0.0 |
| 85 | 4611 | 4612 | NS | 1 | 0.0 | 25.992 | 8.227 | 0.0 | 25.739 | 8.462 | 0.0 | 348.964 | 1.937 | 0.0 | 38.577 | 1.818 | 0.0 | 1.958 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.061 | 0.0 | 0.0 | 2.021 | 0.0 |
| 86 | 4611 | 4612 | SN | 1 | 0.0 | 24.762 | 9.663 | 0.0 | 25.341 | 10.25 | 0.0 | 240.233 | 4.373 | 0.0 | 62.7 | 4.765 | 0.0 | 1.985 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.108 | 0.0 | 0.0 | 2.078 | 0.0 |
| 87 | 4611 | 4612 | NS | 1 | 0.0 | 27.261 | 14.804 | 0.0 | 36.239 | 14.289 | 0.0 | 355.461 | 9.824 | 0.0 | 54.168 | 10.795 | 0.0 | 1.98 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.064 | 0.0 | 0.0 | 2.02 | 0.0 |
| 88 | 4612 | 4613 | NS | 1 | 0.0 | 27.266 | 15.198 | 0.0 | 31.088 | 15.122 | 0.0 | 357.198 | 10.621 | 0.0 | 56.849 | 10.771 | 0.0 | 1.906 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.028 | 0.0 | 0.0 | 2.006 | 0.0 |
| 89 | 4612 | 4613 | NS | 1 | 0.0 | 28.325 | 15.199 | 0.0 | 31.083 | 15.051 | 0.0 | 354.854 | 10.646 | 0.0 | 33.057 | 10.769 | 0.0 | 1.918 | 0.0 | 0.0 | 1.966 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.151 | 0.0 |
| 90 | 4612 | 4613 | SN | 1 | 0.0 | 25.612 | 10.594 | 0.0 | 28.353 | 10.237 | 0.0 | 213.249 | 5.11 | 0.0 | 143.944 | 5.145 | 0.0 | 1.913 | 0.0 | 0.0 | 1.975 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.117 | 0.0 |
| 91 | 4612 | 4613 | SN | 1 | 0.0 | 29.864 | 15.684 | 0.0 | 28.468 | 13.99 | 0.0 | 199.803 | 14.363 | 0.0 | 64.79 | 14.163 | 0.0 | 1.904 | 0.0 | 0.0 | 1.948 | 0.0 | 0.0 | 2.079 | 0.0 | 0.0 | 2.125 | 0.0 |
| 92 | 4612 | 4613 | SN | 1 | 0.0 | 29.864 | 15.678 | 0.0 | 28.468 | 13.99 | 0.0 | 199.803 | 14.35 | 0.0 | 64.79 | 14.163 | 0.0 | 1.904 | 0.0 | 0.0 | 1.948 | 0.0 | 0.0 | 2.079 | 0.0 | 0.0 | 2.125 | 0.0 |
| 93 | 4612 | 4613 | SN | 1 | 0.0 | 29.864 | 15.678 | 0.0 | 28.468 | 13.99 | 0.0 | 199.803 | 14.35 | 0.0 | 64.79 | 14.163 | 0.0 | 1.904 | 0.0 | 0.0 | 1.948 | 0.0 | 0.0 | 2.079 | 0.0 | 0.0 | 2.125 | 0.0 |
| 94 | 4612 | 4613 | NS | 1 | 0.0 | 27.219 | 8.576 | 0.0 | 25.821 | 8.452 | 0.0 | 322.283 | 1.985 | 0.0 | 41.021 | 1.835 | 0.0 | 1.896 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.004 | 0.0 |
| 95 | 4612 | 4613 | NS | 1 | 0.0 | 27.219 | 8.576 | 0.0 | 25.821 | 8.452 | 0.0 | 322.283 | 1.985 | 0.0 | 41.021 | 1.835 | 0.0 | 1.896 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.004 | 0.0 |
| 96 | 4612 | 4613 | SN | 1 | 0.0 | 25.612 | 10.6 | 0.0 | 28.353 | 10.237 | 0.0 | 213.249 | 5.115 | 0.0 | 143.961 | 5.145 | 0.0 | 1.913 | 0.0 | 0.0 | 1.975 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.117 | 0.0 |
| 97 | 4612 | 4613 | SN | 1 | 0.0 | 25.612 | 10.594 | 0.0 | 28.353 | 10.237 | 0.0 | 213.249 | 5.11 | 0.0 | 143.944 | 5.145 | 0.0 | 1.913 | 0.0 | 0.0 | 1.975 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.117 | 0.0 |
| 98 | 4612 | 4613 | NS | 1 | 0.0 | 27.266 | 15.198 | 0.0 | 31.088 | 15.122 | 0.0 | 357.198 | 10.621 | 0.0 | 56.849 | 10.771 | 0.0 | 1.906 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.028 | 0.0 | 0.0 | 2.006 | 0.0 |
| 99 | 4613 | 4614 | NS | 1 | 0.0 | 27.272 | 15.232 | 0.0 | 32.897 | 15.123 | 0.0 | 357.276 | 10.744 | 0.0 | 36.785 | 10.87 | 0.0 | 1.91 | 0.0 | 0.0 | 1.892 | 0.0 | 0.0 | 2.029 | 0.0 | 0.0 | 2.005 | 0.0 |
| 100 | 4613 | 4614 | SN | 1 | 0.0 | 32.561 | 15.668 | 0.0 | 27.762 | 13.923 | 0.0 | 187.229 | 14.389 | 0.0 | 56.738 | 14.167 | 0.0 | 1.908 | 0.0 | 0.0 | 1.972 | 0.0 | 0.0 | 2.076 | 0.0 | 0.0 | 2.123 | 0.0 |
| 101 | 4613 | 4614 | SN | 1 | 0.0 | 26.858 | 10.558 | 0.0 | 28.391 | 10.23 | 0.0 | 199.693 | 5.05 | 0.0 | 159.017 | 5.12 | 0.0 | 1.912 | 0.0 | 0.0 | 1.974 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.127 | 0.0 |
| 102 | 4613 | 4614 | NS | 1 | 0.0 | 26.731 | 8.623 | 0.0 | 25.832 | 8.478 | 0.0 | 349.224 | 2.042 | 0.0 | 24.084 | 1.838 | 0.0 | 1.897 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.02 | 0.0 | 0.0 | 2.005 | 0.0 |
| 103 | 4614 | 4615 | SN | 1 | 0.0 | 23.566 | 10.495 | 0.0 | 28.358 | 10.242 | 0.0 | 200.928 | 4.991 | 0.0 | 140.122 | 5.102 | 0.0 | 1.911 | 0.0 | 0.0 | 1.973 | 0.0 | 0.0 | 2.071 | 0.0 | 0.0 | 2.113 | 0.0 |
| 104 | 4614 | 4615 | SN | 1 | 0.0 | 29.946 | 15.671 | 0.0 | 27.757 | 13.932 | 0.0 | 184.819 | 14.315 | 0.0 | 58.928 | 14.181 | 0.0 | 1.9 | 0.0 | 0.0 | 1.944 | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.106 | 0.0 |
| 105 | 4614 | 4615 | SN | 1 | 0.0 | 23.566 | 10.596 | 0.0 | 28.358 | 10.207 | 0.0 | 200.928 | 5.143 | 0.0 | 14.256 | 5.014 | 0.0 | 1.911 | 0.0 | 0.0 | 1.973 | 0.0 | 0.0 | 2.071 | 0.0 | 0.0 | 2.113 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106 | 4614 | 4615 | SN | 1 | 0.0 | 29.946 | 15.651 | 0.0 | 27.189 | 13.561 | 0.0 | 184.819 | 14.661 | 0.0 | 15.574 | 13.638 | 0.0 | 1.9 | 0.0 | 0.0 | 1.944 | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.106 | 0.0 |
| 107 | 4614 | 4615 | NS | 1 | 0.0 | 27.25 | 15.198 | 0.0 | 31.094 | 15.294 | 0.0 | 356.559 | 10.773 | 0.0 | 44.308 | 10.897 | 0.0 | 1.909 | 0.0 | 0.0 | 1.895 | 0.0 | 0.0 | 2.03 | 0.0 | 0.0 | 2.007 | 0.0 |
| 108 | 4614 | 4615 | NS | 1 | 0.0 | 26.977 | 8.658 | 0.0 | 25.832 | 8.531 | 0.0 | 345.462 | 2.082 | 0.0 | 28.617 | 1.87 | 0.0 | 1.897 | 0.0 | 0.0 | 1.881 | 0.0 | 0.0 | 2.021 | 0.0 | 0.0 | 2.005 | 0.0 |
| 109 | 4615 | 4616 | SN | 1 | 0.0 | 23.637 | 10.464 | 0.0 | 28.347 | 10.22 | 0.0 | 181.83 | 4.928 | 0.0 | 131.789 | 5.07 | 0.0 | 1.911 | 0.0 | 0.0 | 1.97 | 0.0 | 0.0 | 2.071 | 0.0 | 0.0 | 2.113 | 0.0 |
| 110 | 4615 | 4616 | NS | 1 | 0.0 | 27.255 | 15.154 | 0.0 | 31.088 | 15.213 | 0.0 | 348.214 | 10.794 | 0.0 | 57.213 | 10.918 | 0.0 | 1.917 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.041 | 0.0 | 0.0 | 2.018 | 0.0 |
| 111 | 4615 | 4616 | NS | 1 | 0.0 | 27.012 | 8.654 | 0.0 | 25.832 | 8.552 | 0.0 | 310.933 | 2.121 | 0.0 | 41.092 | 1.875 | 0.0 | 1.913 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.032 | 0.0 | 0.0 | 2.011 | 0.0 |
| 112 | 4615 | 4616 | SN | 1 | 0.0 | 29.963 | 15.601 | 0.0 | 27.812 | 13.942 | 0.0 | 172.272 | 14.301 | 0.0 | 55.983 | 14.117 | 0.0 | 1.912 | 0.0 | 0.0 | 1.946 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.105 | 0.0 |
| 113 | 4616 | 4617 | SN | 1 | 0.0 | 23.61 | 10.445 | 0.0 | 28.342 | 10.346 | 0.0 | 15.453 | 4.876 | 0.0 | 121.316 | 5.257 | 0.0 | 1.911 | 0.0 | 0.0 | 1.968 | 0.0 | 0.0 | 2.07 | 0.0 | 0.0 | 2.113 | 0.0 |
| 114 | 4616 | 4617 | NS | 1 | 0.0 | 230.265 | 8.717 | 0.0 | 25.832 | 8.475 | 0.0 | 347.641 | 2.12 | 0.0 | 68.805 | 1.87 | 0.0 | 1.896 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.005 | 0.0 |
| 115 | 4616 | 4617 | SN | 1 | 0.0 | 29.202 | 15.183 | 0.0 | 28.358 | 14.042 | 0.0 | 15.53 | 13.831 | 0.0 | 136.141 | 14.507 | 0.0 | 1.901 | 0.0 | 0.0 | 1.931 | 0.0 | 0.0 | 2.077 | 0.0 | 0.0 | 2.111 | 0.0 |
| 116 | 4616 | 4617 | NS | 1 | 0.0 | 27.272 | 15.168 | 0.0 | 31.094 | 15.22 | 0.0 | 357.22 | 10.763 | 0.0 | 55.955 | 10.8 | 0.0 | 1.906 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.03 | 0.0 | 0.0 | 2.01 | 0.0 |
| 117 | 4617 | 4618 | NS | 1 | 0.0 | 27.272 | 15.246 | 0.0 | 31.094 | 15.38 | 0.0 | 357.331 | 10.9 | 0.0 | 53.049 | 10.904 | 0.0 | 1.906 | 0.0 | 0.0 | 1.892 | 0.0 | 0.0 | 2.035 | 0.0 | 0.0 | 2.012 | 0.0 |
| 118 | 4617 | 4618 | SN | 1 | 0.0 | 32.472 | 15.639 | 0.0 | 27.796 | 13.915 | 0.0 | 186.881 | 14.354 | 0.0 | 195.394 | 14.074 | 0.0 | 1.91 | 0.0 | 0.0 | 1.971 | 0.0 | 0.0 | 2.075 | 0.0 | 0.0 | 2.124 | 0.0 |
| 119 | 4617 | 4618 | NS | 1 | 0.0 | 26.02 | 8.702 | 0.0 | 25.838 | 8.515 | 0.0 | 352.61 | 2.118 | 0.0 | 61.641 | 1.869 | 0.0 | 1.899 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.03 | 0.0 | 0.0 | 2.006 | 0.0 |
| 120 | 4617 | 4618 | SN | 1 | 0.0 | 23.588 | 10.443 | 0.0 | 28.353 | 10.194 | 0.0 | 190.538 | 4.937 | 0.0 | 180.834 | 5.09 | 0.0 | 1.912 | 0.0 | 0.0 | 1.974 | 0.0 | 0.0 | 2.071 | 0.0 | 0.0 | 2.113 | 0.0 |
| 121 | 4618 | 4619 | SN | 1 | 0.0 | 29.886 | 15.589 | 0.0 | 27.812 | 13.994 | 0.0 | 190.461 | 14.271 | 0.0 | 138.22 | 14.179 | 0.0 | 1.912 | 0.0 | 0.0 | 1.933 | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.111 | 0.0 |
| 122 | 4618 | 4619 | NS | 1 | 0.0 | 26.025 | 8.722 | 0.0 | 25.838 | 8.536 | 0.0 | 353.724 | 2.142 | 0.0 | 60.781 | 1.875 | 0.0 | 1.897 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.024 | 0.0 | 0.0 | 2.005 | 0.0 |
| 123 | 4618 | 4619 | NS | 1 | 0.0 | 27.255 | 15.202 | 0.0 | 31.105 | 15.453 | 0.0 | 349.505 | 10.906 | 0.0 | 38.594 | 10.983 | 0.0 | 1.906 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.03 | 0.0 | 0.0 | 2.008 | 0.0 |
| 124 | 4618 | 4619 | SN | 1 | 0.0 | 23.582 | 10.46 | 0.0 | 28.358 | 10.217 | 0.0 | 217.898 | 4.942 | 0.0 | 131.155 | 5.074 | 0.0 | 1.913 | 0.0 | 0.0 | 1.973 | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.112 | 0.0 |
| 125 | 4619 | 4620 | SN | 1 | 0.0 | 23.582 | 10.429 | 0.0 | 28.347 | 10.218 | 0.0 | 199.218 | 4.928 | 0.0 | 128.745 | 5.095 | 0.0 | 1.912 | 0.0 | 0.0 | 1.967 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.112 | 0.0 |
| 126 | 4619 | 4620 | SN | 1 | 0.0 | 29.82 | 15.572 | 0.0 | 27.812 | 13.928 | 0.0 | 193.61 | 14.294 | 0.0 | 55.001 | 14.137 | 0.0 | 1.909 | 0.0 | 0.0 | 1.932 | 0.0 | 0.0 | 2.074 | 0.0 | 0.0 | 2.111 | 0.0 |
| 127 | 4619 | 4620 | NS | 1 | 0.0 | 26.993 | 8.738 | 0.0 | 25.849 | 8.586 | 0.0 | 351.959 | 2.156 | 0.0 | 58.503 | 1.901 | 0.0 | 1.9 | 0.0 | 0.0 | 1.881 | 0.0 | 0.0 | 2.02 | 0.0 | 0.0 | 2.008 | 0.0 |
| 128 | 4619 | 4620 | NS | 1 | 0.0 | 27.255 | 15.15 | 0.0 | 31.116 | 15.463 | 0.0 | 325.371 | 10.863 | 0.0 | 56.06 | 11.032 | 0.0 | 1.909 | 0.0 | 0.0 | 1.895 | 0.0 | 0.0 | 2.03 | 0.0 | 0.0 | 2.009 | 0.0 |
| 129 | 4620 | 4621 | NS | 1 | 0.0 | 27.255 | 15.24 | 0.0 | 31.11 | 15.498 | 0.0 | 333.318 | 10.91 | 0.0 | 40.436 | 10.986 | 0.0 | 1.906 | 0.0 | 0.0 | 1.895 | 0.0 | 0.0 | 2.03 | 0.0 | 0.0 | 2.006 | 0.0 |
| 130 | 4620 | 4621 | NS | 1 | 0.0 | 26.042 | 8.759 | 0.0 | 25.849 | 8.622 | 0.0 | 338.078 | 2.19 | 0.0 | 33.857 | 1.917 | 0.0 | 1.896 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.005 | 0.0 |
| 131 | 4620 | 4621 | NS | 1 | 0.0 | 26.042 | 8.882 | 0.0 | 25.849 | 8.607 | 0.0 | 338.078 | 2.265 | 0.0 | 11.604 | 1.802 | 0.0 | 1.896 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.022 | 0.0 | 0.0 | 2.005 | 0.0 |
| 132 | 4620 | 4621 | SN | 1 | 0.0 | 29.798 | 15.601 | 0.0 | 28.463 | 13.954 | 0.0 | 213.905 | 14.339 | 0.0 | 63.77 | 14.092 | 0.0 | 1.904 | 0.0 | 0.0 | 1.931 | 0.0 | 0.0 | 2.073 | 0.0 | 0.0 | 2.122 | 0.0 |
| 133 | 4620 | 4621 | SN | 1 | 0.0 | 23.615 | 10.384 | 0.0 | 28.353 | 10.204 | 0.0 | 190.88 | 4.88 | 0.0 | 128.723 | 5.07 | 0.0 | 1.913 | 0.0 | 0.0 | 1.964 | 0.0 | 0.0 | 2.072 | 0.0 | 0.0 | 2.109 | 0.0 |
| 134 | 4620 | 4621 | NS | 1 | 0.0 | 27.255 | 15.393 | 0.0 | 31.11 | 15.073 | 0.0 | 333.318 | 11.171 | 0.0 | 14.003 | 10.377 | 0.0 | 1.906 | 0.0 | 0.0 | 1.895 | 0.0 | 0.0 | 2.03 | 0.0 | 0.0 | 2.006 | 0.0 |
| 135 | 4621 | 4622 | NS | 1 | 0.0 | 26.047 | 8.858 | 0.0 | 25.843 | 8.633 | 0.0 | 348.838 | 2.242 | 0.0 | 11.868 | 1.83 | 0.0 | 1.896 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.025 | 0.0 | 0.0 | 2.005 | 0.0 |
| 136 | 4621 | 4622 | NS | 1 | 0.0 | 27.261 | 15.295 | 0.0 | 31.116 | 15.282 | 0.0 | 357.171 | 11.055 | 0.0 | 17.488 | 10.64 | 0.0 | 1.907 | 0.0 | 0.0 | 1.899 | 0.0 | 0.0 | 2.031 | 0.0 | 0.0 | 2.007 | 0.0 |

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

Normal
Deviations
Alarming
High Errors