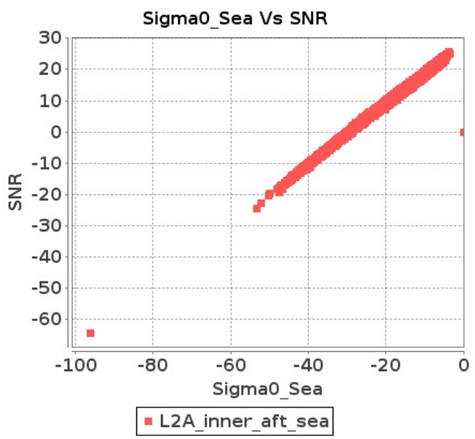
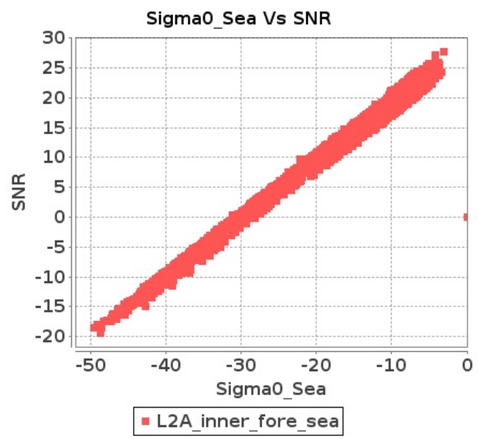
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 24-SEP-2019 To 25-SEP-2019

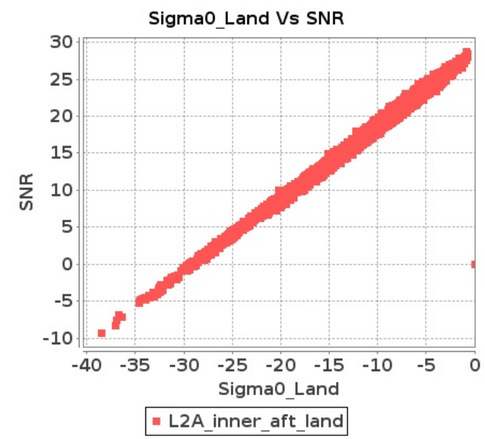
## Inner Sea Aft Sigma0VsSNR



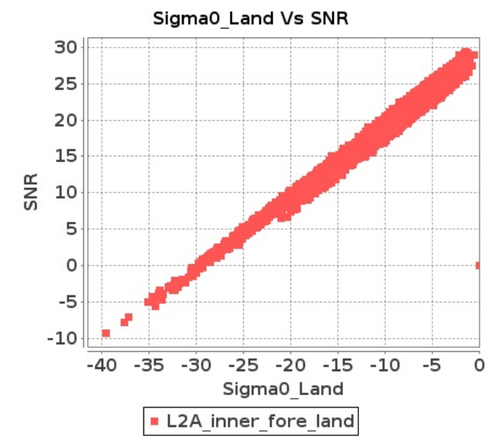

## Inner Sea Fore Sigma0VsSNR



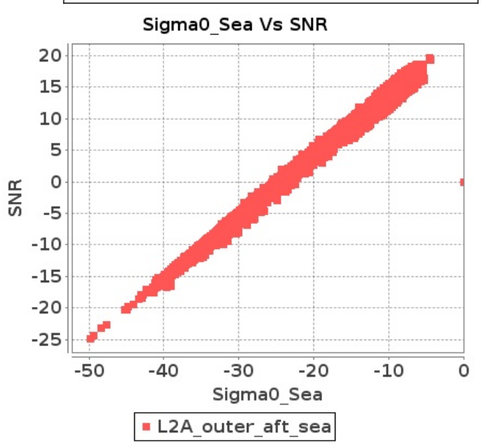

## Inner Land Aft Sigma0VsSNR



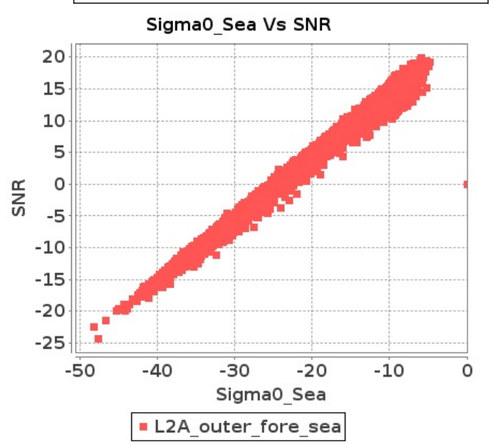

## Inner Land Fore Sigma0VsSNR



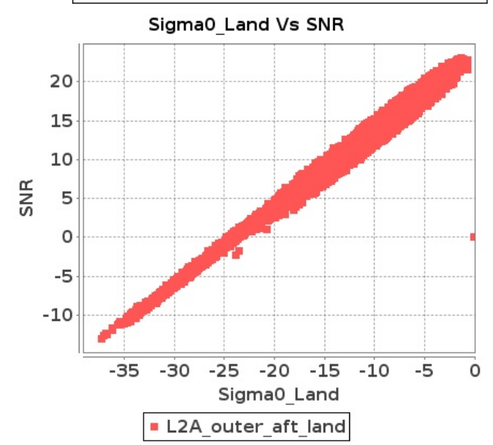

## Outer Sea Aft Sigma0VsSNR



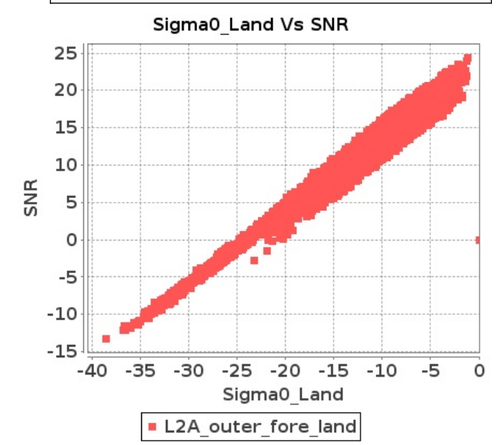

## Outer Sea Fore Sigma0VsSNR




## Outer Land Aft Sigma0VsSNR




## Outer Land Fore Sigma0VsSNR



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

Report between 24-SEP-2019 To 25-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 | 15845 | 15846 | SN | 1 | 0.0 | 48.856 | 4.952 | 0.0 | 49.103 | 5.603 | 0.0 | 41.124 | 4.788 | 0.0 | 47.807 | 5.642 | 0.0 | 48.344 | 5.134 | 0.0 | 51.24 | 5.095 | 0.0 | 41.015 | 4.695 | 0.0 | 47.233 | 4.988 |
| 2 | 15845 | 15846 | SN | 1 | 0.0 | 48.856 | 4.952 | 0.0 | 49.103 | 5.603 | 0.0 | 41.124 | 4.788 | 0.0 | 47.807 | 5.642 | 0.0 | 48.344 | 5.134 | 0.0 | 51.24 | 5.095 | 0.0 | 41.015 | 4.695 | 0.0 | 47.233 | 4.988 |
| 3 | 15845 | 15846 | SN | 1 | 0.0 | 46.955 | 1.328 | 0.0 | 45.148 | 1.613 | 0.0 | 48.653 | 1.156 | 0.0 | 42.021 | 1.85 | 0.0 | 47.524 | 1.33 | 0.0 | 43.571 | 1.509 | 0.0 | 48.936 | 1.149 | 0.0 | 42.503 | 1.568 |
| 4 | 15845 | 15846 | SN | 1 | 0.0 | 48.856 | 4.797 | 0.0 | 49.973 | 5.599 | 0.0 | 41.124 | 4.463 | 0.0 | 47.807 | 5.654 | 0.0 | 48.344 | 4.914 | 0.0 | 51.24 | 5.119 | 0.0 | 41.121 | 4.404 | 0.0 | 47.233 | 5.078 |
| 5 | 15845 | 15846 | SN | 1 | 0.0 | 46.955 | 1.332 | 0.0 | 51.834 | 1.608 | 0.0 | 48.653 | 1.237 | 0.0 | 42.021 | 1.806 | 0.0 | 47.524 | 1.321 | 0.0 | 53.656 | 1.504 | 0.0 | 48.936 | 1.239 | 0.0 | 42.503 | 1.531 |
| 6 | 15845 | 15846 | SN | 1 | 0.0 | 46.955 | 1.332 | 0.0 | 51.834 | 1.608 | 0.0 | 48.653 | 1.237 | 0.0 | 42.021 | 1.806 | 0.0 | 47.524 | 1.321 | 0.0 | 53.656 | 1.504 | 0.0 | 48.936 | 1.239 | 0.0 | 42.503 | 1.531 |
| 7 | 15846 | 15847 | SN | 1 | 0.0 | 42.516 | 1.152 | 0.0 | 44.667 | 1.627 | 0.0 | 43.54 | 1.352 | 0.0 | 41.914 | 1.796 | 0.0 | 42.362 | 1.165 | 0.0 | 45.079 | 1.505 | 0.0 | 41.746 | 1.333 | 0.0 | 41.359 | 1.542 |
| 8 | 15846 | 15847 | NS | 1 | 0.701 | 52.457 | 4.906 | 0.0 | 47.046 | 6.333 | 0.0 | 45.219 | 3.657 | 0.0 | 51.86 | 5.542 | 0.968 | 52.048 | 5.017 | 0.0 | 47.932 | 6.048 | 0.0 | 43.128 | 3.536 | 0.0 | 51.956 | 5.257 |
| 9 | 15846 | 15847 | NS | 1 | 0.0 | 50.262 | 1.169 | 0.0 | 52.51 | 1.918 | 0.0 | 38.294 | 1.035 | 0.0 | 47.74 | 1.716 | 0.0 | 51.469 | 1.178 | 0.0 | 52.985 | 1.83 | 0.0 | 36.742 | 1.026 | 0.0 | 48.98 | 1.529 |
| 10 | 15846 | 15847 | NS | 1 | 0.0 | 47.751 | 1.176 | 0.0 | 49.635 | 1.921 | 0.0 | 40.183 | 1.035 | 0.0 | 49.963 | 1.692 | 0.0 | 47.76 | 1.153 | 0.0 | 51.213 | 1.801 | 0.0 | 40.455 | 1.048 | 0.0 | 50.059 | 1.518 |
| 11 | 15846 | 15847 | SN | 1 | 0.0 | 48.293 | 4.061 | 0.0 | 47.301 | 4.822 | 0.0 | 47.049 | 4.519 | 0.0 | 51.58 | 5.252 | 0.0 | 49.236 | 4.183 | 0.0 | 46.673 | 4.426 | 0.0 | 43.112 | 4.419 | 0.0 | 50.6 | 4.84 |
| 12 | 15846 | 15847 | SN | 1 | 0.0 | 48.293 | 4.108 | 0.0 | 50.304 | 4.907 | 0.0 | 47.917 | 4.52 | 0.0 | 51.58 | 5.327 | 0.0 | 49.236 | 4.221 | 0.0 | 51.634 | 4.494 | 0.0 | 43.98 | 4.433 | 0.0 | 50.6 | 4.915 |
| 13 | 15846 | 15847 | NS | 1 | 0.716 | 50.327 | 4.926 | 0.0 | 46.978 | 6.414 | 0.0 | 43.198 | 3.636 | 0.0 | 50.047 | 5.613 | 0.968 | 50.928 | 4.997 | 0.0 | 47.817 | 6.068 | 0.0 | 44.202 | 3.572 | 0.0 | 50.142 | 5.336 |
| 14 | 15846 | 15847 | SN | 1 | 0.0 | 42.516 | 1.158 | 0.0 | 44.667 | 1.629 | 0.0 | 43.54 | 1.363 | 0.0 | 41.235 | 1.801 | 0.0 | 42.362 | 1.179 | 0.0 | 45.079 | 1.505 | 0.0 | 41.746 | 1.345 | 0.0 | 41.115 | 1.549 |
| 15 | 15846 | 15847 | SN | 1 | 0.0 | 48.293 | 4.092 | 0.0 | 46.62 | 4.842 | 0.0 | 46.343 | 4.512 | 0.0 | 51.58 | 5.252 | 0.0 | 49.236 | 4.213 | 0.0 | 43.94 | 4.446 | 0.0 | 42.406 | 4.412 | 0.0 | 50.6 | 4.854 |
| 16 | 15846 | 15847 | SN | 1 | 0.0 | 42.516 | 1.166 | 0.0 | 44.667 | 1.65 | 0.0 | 43.54 | 1.372 | 0.0 | 40.983 | 1.827 | 0.0 | 42.362 | 1.189 | 0.0 | 45.079 | 1.526 | 0.0 | 41.746 | 1.355 | 0.0 | 40.864 | 1.573 |
| 17 | 15847 | 15848 | SN | 1 | 0.0 | 41.879 | 1.122 | 0.0 | 46.009 | 1.607 | 0.0 | 36.079 | 1.298 | 0.0 | 40.081 | 1.985 | 0.0 | 43.042 | 1.07 | 0.0 | 47.639 | 1.42 | 0.0 | 34.878 | 1.187 | 0.0 | 38.945 | 1.724 |
| 18 | 15847 | 15848 | NS | 1 | 0.0 | 43.308 | 0.769 | 0.0 | 44.589 | 1.241 | 0.0 | 41.984 | 0.892 | 0.0 | 45.533 | 1.308 | 0.0 | 43.102 | 0.776 | 0.0 | 44.086 | 1.173 | 0.0 | 43.527 | 0.81 | 0.0 | 46.76 | 1.125 |
| 19 | 15847 | 15848 | NS | 1 | 0.0 | 45.607 | 2.996 | 0.0 | 43.706 | 3.717 | 0.0 | 45.412 | 2.883 | 0.0 | 50.211 | 4.015 | 0.0 | 45.645 | 2.936 | 0.0 | 41.719 | 3.362 | 0.0 | 44.713 | 2.747 | 0.0 | 49.48 | 3.453 |
| 20 | 15847 | 15848 | NS | 1 | 0.0 | 45.565 | 2.996 | 0.0 | 43.706 | 3.717 | 0.0 | 46.204 | 2.897 | 0.0 | 47.324 | 4.036 | 0.0 | 45.602 | 2.936 | 0.0 | 41.722 | 3.372 | 0.0 | 45.503 | 2.74 | 0.0 | 47.225 | 3.474 |
| 21 | 15847 | 15848 | SN | 1 | 0.0 | 41.789 | 3.882 | 0.0 | 42.423 | 4.872 | 0.0 | 42.513 | 4.013 | 0.0 | 40.405 | 5.295 | 0.0 | 42.817 | 3.79 | 0.0 | 45.39 | 4.452 | 0.0 | 40.573 | 3.848 | 0.0 | 41.701 | 4.863 |
| 22 | 15847 | 15848 | SN | 1 | 0.0 | 41.945 | 3.892 | 0.0 | 42.375 | 4.8 | 0.0 | 38.909 | 4.034 | 0.0 | 45.358 | 5.28 | 0.0 | 42.972 | 3.749 | 0.0 | 45.391 | 4.431 | 0.0 | 39.88 | 3.841 | 0.0 | 45.175 | 4.913 |
| 23 | 15847 | 15848 | SN | 1 | 0.0 | 41.879 | 1.12 | 0.0 | 46.009 | 1.575 | 0.0 | 36.079 | 1.306 | 0.0 | 40.081 | 1.96 | 0.0 | 43.042 | 1.067 | 0.0 | 47.639 | 1.37 | 0.0 | 34.878 | 1.193 | 0.0 | 38.945 | 1.694 |
| 24 | 15847 | 15848 | SN | 1 | 0.0 | 39.759 | 1.088 | 0.0 | 42.06 | 1.589 | 0.0 | 36.059 | 1.316 | 0.0 | 39.77 | 2.003 | 0.0 | 41.544 | 1.047 | 0.0 | 43.338 | 1.411 | 0.0 | 34.344 | 1.212 | 0.0 | 37.178 | 1.683 |
| 25 | 15847 | 15848 | SN | 1 | 0.0 | 41.945 | 3.877 | 0.0 | 42.375 | 4.995 | 0.0 | 38.909 | 3.971 | 0.0 | 45.358 | 5.347 | 0.0 | 42.972 | 3.725 | 0.0 | 45.391 | 4.63 | 0.0 | 39.88 | 3.794 | 0.0 | 45.175 | 5.034 |
| 26 | 15847 | 15848 | NS | 1 | 0.0 | 43.308 | 0.773 | 0.0 | 44.594 | 1.234 | 0.0 | 42.269 | 0.89 | 0.0 | 46.529 | 1.31 | 0.0 | 43.104 | 0.787 | 0.0 | 44.087 | 1.169 | 0.0 | 43.812 | 0.815 | 0.0 | 46.399 | 1.118 |
| 27 | 15848 | 15849 | SN | 1 | 0.0 | 44.41 | 0.712 | 0.0 | 37.089 | 1.175 | 0.0 | 39.19 | 1.113 | 0.0 | 38.517 | 1.656 | 0.0 | 44.246 | 0.678 | 0.0 | 40.408 | 1.065 | 0.0 | 37.536 | 0.983 | 0.0 | 35.408 | 1.303 |
| 28 | 15848 | 15849 | NS | 1 | 0.0 | 48.483 | 0.844 | 0.0 | 48.119 | 0.997 | 0.0 | 38.144 | 0.933 | 0.0 | 49.498 | 1.352 | 0.0 | 48.103 | 0.844 | 0.0 | 48.694 | 0.938 | 0.0 | 39.589 | 0.886 | 0.0 | 48.703 | 1.161 |
| 29 | 15848 | 15849 | SN | 1 | 0.0 | 44.942 | 0.661 | 0.0 | 37.812 | 1.137 | 0.0 | 39.931 | 1.043 | 0.0 | 38.517 | 1.576 | 0.0 | 43.89 | 0.629 | 0.0 | 41.202 | 1.024 | 0.0 | 39.898 | 0.923 | 0.0 | 35.323 | 1.208 |
| 30 | 15848 | 15849 | SN | 1 | 0.0 | 44.431 | 2.35 | 0.0 | 52.952 | 3.422 | 0.0 | 40.333 | 2.867 | 0.0 | 39.444 | 4.705 | 0.0 | 44.181 | 2.278 | 0.0 | 53.375 | 3.215 | 0.0 | 40.502 | 2.701 | 0.0 | 40.249 | 3.959 |
| 31 | 15848 | 15849 | SN | 1 | 0.0 | 40.253 | 0.707 | 0.0 | 52.726 | 1.191 | 0.0 | 36.876 | 1.088 | 0.0 | 35.078 | 1.662 | 0.0 | 40.015 | 0.665 | 0.0 | 48.532 | 1.06 | 0.0 | 36.73 | 0.982 | 0.0 | 36.305 | 1.332 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 15848 | 15849 | SN | 1 | 0.0 | 41.856 | 2.662 | 0.0 | 50.389 | 3.706 | 0.0 | 44.73 | 3.057 | 0.0 | 43.485 | 4.834 | 0.0 | 41.236 | 2.622 | 0.0 | 48.462 | 3.544 | 0.0 | 42.502 | 2.879 | 0.0 | 47.113 | 4.158 |
| 33 | 15848 | 15849 | NS | 1 | 0.0 | 51.127 | 2.58 | 0.0 | 52.982 | 3.128 | 0.0 | 39.962 | 3.018 | 0.0 | 48.076 | 3.908 | 0.0 | 51.478 | 2.61 | 0.0 | 54.486 | 2.844 | 0.0 | 38.123 | 2.897 | 0.0 | 46.807 | 3.346 |
| 34 | 15848 | 15849 | SN | 1 | 0.0 | 44.861 | 2.571 | 0.0 | 49.011 | 3.716 | 0.0 | 41.916 | 3.113 | 0.0 | 38.793 | 4.82 | 0.0 | 43.882 | 2.531 | 0.0 | 49.409 | 3.524 | 0.0 | 43.1 | 2.986 | 0.0 | 41.641 | 4.179 |
| 35 | 15849 | 15850 | NS | 1 | 0.0 | 42.858 | 0.717 | 0.0 | 49.459 | 1.07 | 0.0 | 41.545 | 0.567 | 0.0 | 44.701 | 0.948 | 0.0 | 43.631 | 0.726 | 0.0 | 50.978 | 1.02 | 0.0 | 40.845 | 0.572 | 0.0 | 45.139 | 0.827 |
| 36 | 15849 | 15850 | SN | 1 | 0.0 | 45.4 | 1.972 | 0.0 | 43.616 | 2.593 | 0.0 | 38.644 | 1.929 | 0.0 | 36.174 | 2.737 | 0.0 | 45.644 | 1.976 | 0.0 | 42.374 | 2.679 | 0.0 | 38.491 | 1.991 | 0.0 | 35.808 | 2.73 |
| 37 | 15849 | 15850 | SN | 1 | 0.0 | 46.775 | 7.008 | 0.0 | 46.421 | 8.425 | 0.0 | 39.812 | 6.107 | 0.0 | 42.358 | 7.912 | 0.0 | 46.626 | 7.211 | 0.0 | 47.181 | 8.79 | 0.0 | 40.256 | 6.292 | 0.0 | 40.356 | 8.253 |
| 38 | 15849 | 15850 | NS | 1 | 0.0 | 44.167 | 2.6 | 0.0 | 49.561 | 3.648 | 0.0 | 38.927 | 2.206 | 0.0 | 49.323 | 3.276 | 0.0 | 44.349 | 2.681 | 0.0 | 51.354 | 3.577 | 0.0 | 39.316 | 2.192 | 0.0 | 48.673 | 2.856 |
| 39 | 15849 | 15850 | NS | 1 | 0.0 | 42.815 | 0.706 | 0.0 | 52.409 | 1.072 | 0.0 | 41.873 | 0.568 | 0.0 | 45.805 | 0.955 | 0.0 | 43.589 | 0.721 | 0.0 | 52.368 | 1.027 | 0.0 | 40.707 | 0.572 | 0.0 | 46.242 | 0.818 |
| 40 | 15849 | 15850 | SN | 1 | 0.0 | 46.634 | 7.008 | 0.0 | 46.421 | 8.415 | 0.0 | 39.767 | 6.1 | 0.0 | 42.358 | 7.919 | 0.0 | 46.485 | 7.15 | 0.0 | 47.181 | 8.79 | 0.0 | 40.256 | 6.284 | 0.0 | 40.356 | 8.253 |
| 41 | 15849 | 15850 | SN | 1 | 0.0 | 48.61 | 6.711 | 0.0 | 46.421 | 8.583 | 0.0 | 39.552 | 5.857 | 0.0 | 42.358 | 8.185 | 0.0 | 48.32 | 6.805 | 0.0 | 47.181 | 8.938 | 0.0 | 40.552 | 6.01 | 0.0 | 40.356 | 8.478 |
| 42 | 15849 | 15850 | NS | 1 | 0.0 | 44.124 | 2.58 | 0.0 | 49.555 | 3.638 | 0.0 | 38.93 | 2.213 | 0.0 | 49.323 | 3.29 | 0.0 | 44.335 | 2.691 | 0.0 | 51.347 | 3.547 | 0.0 | 39.311 | 2.206 | 0.0 | 48.658 | 2.849 |
| 43 | 15849 | 15850 | SN | 1 | 0.0 | 46.125 | 1.974 | 0.0 | 43.619 | 2.59 | 0.0 | 38.644 | 1.925 | 0.0 | 36.174 | 2.737 | 0.0 | 45.945 | 1.988 | 0.0 | 42.374 | 2.681 | 0.0 | 38.491 | 1.986 | 0.0 | 35.808 | 2.73 |
| 44 | 15849 | 15850 | SN | 1 | 0.0 | 42.765 | 1.93 | 0.0 | 40.324 | 2.655 | 0.0 | 39.452 | 1.896 | 0.0 | 40.366 | 2.829 | 0.0 | 42.828 | 1.944 | 0.0 | 39.533 | 2.741 | 0.0 | 41.33 | 1.935 | 0.0 | 38.274 | 2.802 |
| 45 | 15850 | 15851 | SN | 1 | 0.0 | 51.729 | 1.699 | 0.0 | 46.62 | 2.23 | 0.0 | 36.296 | 1.748 | 0.0 | 37.683 | 2.344 | 0.0 | 52.012 | 1.76 | 0.0 | 43.299 | 2.167 | 0.0 | 35.433 | 1.727 | 0.0 | 38.516 | 2.215 |
| 46 | 15850 | 15851 | SN | 1 | 0.0 | 39.589 | 1.739 | 0.0 | 46.62 | 2.309 | 0.0 | 36.296 | 1.73 | 0.0 | 39.92 | 2.401 | 0.0 | 39.34 | 1.774 | 0.0 | 43.299 | 2.224 | 0.0 | 36.452 | 1.663 | 0.0 | 38.516 | 2.283 |
| 47 | 15850 | 15851 | SN | 1 | 0.0 | 50.168 | 6.015 | 0.0 | 47.327 | 7.684 | 0.0 | 41.964 | 5.348 | 0.0 | 39.504 | 6.797 | 0.0 | 50.066 | 6.025 | 0.0 | 45.251 | 7.441 | 0.0 | 40.359 | 5.482 | 0.0 | 41.707 | 6.861 |
| 48 | 15850 | 15851 | SN | 1 | 0.0 | 50.168 | 6.055 | 0.0 | 49.441 | 7.735 | 0.0 | 41.965 | 5.362 | 0.0 | 41.911 | 6.79 | 0.0 | 50.066 | 6.035 | 0.0 | 47.631 | 7.492 | 0.0 | 40.453 | 5.475 | 0.0 | 41.707 | 6.846 |
| 49 | 15850 | 15851 | SN | 1 | 0.0 | 50.168 | 6.122 | 0.0 | 47.327 | 7.829 | 0.0 | 41.964 | 5.134 | 0.0 | 40.289 | 7.009 | 0.0 | 50.066 | 6.133 | 0.0 | 48.04 | 7.607 | 0.0 | 40.677 | 5.149 | 0.0 | 43.026 | 7.106 |
| 50 | 15850 | 15851 | NS | 1 | 0.0 | 46.269 | 0.891 | 0.0 | 40.776 | 1.203 | 0.0 | 39.648 | 0.975 | 0.0 | 44.639 | 1.451 | 0.0 | 45.035 | 0.907 | 0.0 | 41.133 | 1.011 | 0.0 | 41.723 | 0.915 | 0.0 | 43.142 | 1.119 |
| 51 | 15850 | 15851 | NS | 1 | 0.0 | 46.302 | 0.893 | 0.0 | 52.548 | 1.222 | 0.0 | 44.659 | 0.986 | 0.0 | 38.585 | 1.44 | 0.0 | 45.069 | 0.864 | 0.0 | 49.941 | 1.002 | 0.0 | 43.877 | 0.915 | 0.0 | 36.693 | 1.124 |
| 52 | 15850 | 15851 | NS | 1 | 0.761 | 47.556 | 3.148 | 0.0 | 49.314 | 4.107 | 0.0 | 44.337 | 3.572 | 0.0 | 45.844 | 4.73 | 0.767 | 47.602 | 3.057 | 0.0 | 49.326 | 3.69 | 0.0 | 41.471 | 3.444 | 0.0 | 43.948 | 3.89 |
| 53 | 15850 | 15851 | SN | 1 | 0.0 | 52.691 | 1.69 | 0.0 | 46.62 | 2.214 | 0.0 | 36.296 | 1.736 | 0.0 | 39.92 | 2.344 | 0.0 | 53.232 | 1.728 | 0.0 | 43.299 | 2.153 | 0.0 | 36.452 | 1.707 | 0.0 | 38.516 | 2.233 |
| 54 | 15850 | 15851 | NS | 1 | 0.763 | 47.403 | 3.169 | 0.0 | 48.313 | 4.066 | 0.0 | 43.27 | 3.536 | 0.0 | 50.641 | 4.716 | 0.733 | 47.446 | 3.118 | 0.0 | 49.315 | 3.73 | 0.0 | 44.851 | 3.458 | 0.0 | 47.852 | 3.804 |
| 55 | 15851 | 15852 | NS | 1 | 0.0 | 50.701 | 4.425 | 0.0 | 51.687 | 5.488 | 0.0 | 45.499 | 4.203 | 0.0 | 51.425 | 5.387 | 0.0 | 50.241 | 4.475 | 0.0 | 50.601 | 5.235 | 0.0 | 45.296 | 3.969 | 0.0 | 49.917 | 4.591 |
| 56 | 15851 | 15852 | SN | 1 | 0.0 | 47.784 | 9.142 | 0.0 | 53.778 | 9.404 | 0.0 | 41.525 | 8.891 | 0.0 | 51.876 | 8.973 | 0.0 | 48.624 | 9.61 | 0.0 | 55.4 | 10.281 | 0.0 | 41.882 | 9.998 | 0.0 | 50.012 | 9.869 |
| 57 | 15851 | 15852 | NS | 1 | 1.344 | 48.167 | 4.54 | 0.0 | 59.819 | 5.398 | 0.0 | 43.811 | 3.956 | 0.0 | 47.063 | 5.129 | 1.183 | 47.674 | 4.57 | 0.0 | 58.735 | 5.022 | 0.0 | 46.49 | 3.664 | 0.0 | 44.04 | 4.41 |
| 58 | 15851 | 15852 | SN | 1 | 0.0 | 47.351 | 9.101 | 0.0 | 53.778 | 9.376 | 0.0 | 41.525 | 8.843 | 0.0 | 51.876 | 8.934 | 0.0 | 47.527 | 9.472 | 0.0 | 55.4 | 10.24 | 0.0 | 41.882 | 9.901 | 0.0 | 50.012 | 9.869 |
| 59 | 15851 | 15852 | SN | 1 | 0.0 | 45.292 | 3.217 | 0.0 | 48.217 | 4.183 | 0.0 | 42.382 | 3.563 | 0.0 | 45.188 | 3.794 | 0.0 | 45.501 | 3.395 | 0.0 | 50.931 | 4.438 | 0.0 | 42.927 | 3.88 | 0.0 | 46.518 | 4.294 |
| 60 | 15851 | 15852 | SN | 1 | 0.0 | 45.292 | 2.956 | 0.0 | 48.217 | 3.862 | 0.0 | 42.382 | 3.332 | 0.0 | 42.29 | 3.504 | 0.0 | 45.501 | 3.125 | 0.0 | 50.931 | 4.104 | 0.0 | 42.927 | 3.631 | 0.0 | 46.518 | 3.965 |
| 61 | 15851 | 15852 | SN | 1 | 0.0 | 45.514 | 2.981 | 0.0 | 54.442 | 3.875 | 0.0 | 41.596 | 3.318 | 0.0 | 42.606 | 3.504 | 0.0 | 45.501 | 3.153 | 0.0 | 53.98 | 4.092 | 0.0 | 42.883 | 3.624 | 0.0 | 46.518 | 3.965 |
| 62 | 15851 | 15852 | NS | 1 | 0.0 | 49.159 | 1.047 | 0.0 | 47.098 | 1.5 | 0.0 | 41.662 | 1.199 | 0.0 | 51.594 | 1.757 | 0.0 | 50.029 | 1.017 | 0.0 | 45.954 | 1.308 | 0.0 | 41.387 | 1.089 | 0.0 | 51.37 | 1.432 |
| 63 | 15851 | 15852 | NS | 1 | 0.0 | 41.743 | 1.08 | 0.0 | 42.798 | 1.521 | 0.0 | 40.612 | 1.141 | 0.0 | 44.057 | 1.718 | 0.0 | 42.956 | 1.057 | 0.0 | 43.414 | 1.358 | 0.0 | 40.905 | 1.065 | 0.0 | 48.775 | 1.425 |
| 64 | 15851 | 15852 | SN | 1 | 0.0 | 47.784 | 9.986 | 0.0 | 53.778 | 10.052 | 0.0 | 41.525 | 9.379 | 0.0 | 51.876 | 9.493 | 0.0 | 47.349 | 10.467 | 0.0 | 55.4 | 11.038 | 0.0 | 41.882 | 10.621 | 0.0 | 50.012 | 10.608 |
| 65 | 15852 | 15853 | NS | 1 | 0.0 | 46.921 | 4.774 | 0.0 | 50.042 | 6.276 | 0.0 | 46.009 | 4.79 | 0.0 | 40.889 | 5.966 | 0.0 | 47.613 | 4.794 | 0.0 | 52.36 | 5.9 | 0.0 | 49.067 | 4.69 | 0.0 | 40.829 | 5.56 |
| 66 | 15852 | 15853 | NS | 1 | 0.0 | 47.728 | 1.395 | 0.0 | 49.419 | 1.795 | 0.0 | 36.633 | 1.43 | 0.0 | 39.017 | 1.864 | 0.0 | 47.255 | 1.427 | 0.0 | 48.956 | 1.666 | 0.0 | 34.535 | 1.361 | 0.0 | 37.798 | 1.612 |
| 67 | 15852 | 15853 | SN | 1 | 0.0 | 54.403 | 2.021 | 0.0 | 48.033 | 2.572 | 0.0 | 40.389 | 1.367 | 0.0 | 47.323 | 1.804 | 0.0 | 53.701 | 2.021 | 0.0 | 48.809 | 2.351 | 0.0 | 37.8 | 1.328 | 0.0 | 45.649 | 1.536 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 15852 | 15853 | SN | 1 | 0.0 | 53.296 | 6.924 | 0.0 | 50.856 | 8.162 | 0.0 | 45.672 | 5.553 | 0.0 | 49.512 | 6.066 | 0.0 | 54.781 | 6.934 | 0.0 | 52.409 | 7.736 | 0.0 | 47.084 | 5.305 | 0.0 | 46.228 | 5.589 |
| 69 | 15852 | 15853 | SN | 1 | 0.0 | 53.147 | 6.873 | 0.0 | 50.587 | 8.081 | 0.0 | 48.071 | 5.567 | 0.0 | 48.723 | 6.116 | 0.0 | 54.025 | 6.883 | 0.0 | 52.478 | 7.685 | 0.0 | 47.241 | 5.305 | 0.0 | 46.208 | 5.667 |
| 70 | 15852 | 15853 | SN | 1 | 0.0 | 54.403 | 2.195 | 0.0 | 48.033 | 2.664 | 0.0 | 40.389 | 1.481 | 0.0 | 47.323 | 1.849 | 0.0 | 53.701 | 2.192 | 0.0 | 48.809 | 2.456 | 0.0 | 37.8 | 1.444 | 0.0 | 45.649 | 1.591 |
| 71 | 15852 | 15853 | SN | 1 | 0.0 | 51.896 | 2.032 | 0.0 | 45.969 | 2.581 | 0.0 | 43.882 | 1.367 | 0.0 | 44.433 | 1.79 | 0.0 | 51.194 | 2.012 | 0.0 | 45.794 | 2.36 | 0.0 | 43.456 | 1.355 | 0.0 | 46.592 | 1.545 |
| 72 | 15852 | 15853 | SN | 1 | 0.0 | 53.296 | 7.434 | 0.0 | 50.856 | 8.144 | 0.0 | 45.672 | 6.004 | 0.0 | 49.512 | 6.232 | 0.0 | 54.781 | 7.445 | 0.0 | 52.409 | 7.8 | 0.0 | 47.084 | 5.724 | 0.0 | 46.228 | 5.709 |
| 73 | 15853 | 15854 | NS | 1 | 0.0 | 52.983 | 1.345 | 0.0 | 44.093 | 1.54 | 0.0 | 42.963 | 1.289 | 0.0 | 45.926 | 1.658 | 0.0 | 53.889 | 1.327 | 0.0 | 45.438 | 1.459 | 0.0 | 40.969 | 1.238 | 0.0 | 42.905 | 1.401 |
| 74 | 15853 | 15854 | SN | 1 | 0.0 | 54.464 | 5.012 | 0.0 | 52.377 | 6.387 | 0.0 | 53.928 | 4.184 | 0.0 | 49.111 | 5.724 | 0.0 | 54.912 | 5.154 | 0.0 | 52.824 | 6.204 | 0.0 | 53.336 | 4.163 | 0.0 | 44.809 | 5.233 |
| 75 | 15853 | 15854 | NS | 1 | 0.017 | 51.787 | 4.368 | 0.0 | 49.402 | 4.388 | 0.0 | 48.116 | 4.626 | 0.0 | 44.959 | 5.276 | 0.39 | 52.015 | 4.368 | 0.0 | 48.966 | 4.063 | 0.0 | 48.891 | 4.52 | 0.0 | 46.773 | 4.677 |
| 76 | 15853 | 15854 | SN | 1 | 0.0 | 45.493 | 1.372 | 0.0 | 50.961 | 1.917 | 0.0 | 45.536 | 1.226 | 0.0 | 39.246 | 1.765 | 0.0 | 43.913 | 1.381 | 0.0 | 50.679 | 1.808 | 0.0 | 42.642 | 1.183 | 0.0 | 40.602 | 1.571 |
| 77 | 15853 | 15854 | NS | 1 | 0.0 | 54.145 | 4.367 | 0.0 | 49.618 | 4.257 | 0.0 | 47.505 | 4.646 | 0.0 | 44.484 | 5.129 | 0.0 | 54.732 | 4.286 | 0.0 | 48.579 | 4.004 | 0.0 | 48.995 | 4.596 | 0.0 | 43.246 | 4.589 |
| 78 | 15853 | 15854 | NS | 1 | 0.0 | 49.1 | 1.409 | 0.0 | 45.72 | 1.58 | 0.0 | 40.703 | 1.199 | 0.0 | 45.924 | 1.699 | 0.0 | 48.993 | 1.398 | 0.0 | 45.469 | 1.495 | 0.0 | 41.02 | 1.146 | 0.0 | 42.835 | 1.422 |
| 79 | 15854 | 15855 | NS | 1 | 0.0 | 45.425 | 1.718 | 0.0 | 52.016 | 2.284 | 0.0 | 44.739 | 1.536 | 0.0 | 48.534 | 2.258 | 0.0 | 45.327 | 1.693 | 0.0 | 52.095 | 2.056 | 0.0 | 43.901 | 1.438 | 0.0 | 45.964 | 1.921 |
| 80 | 15854 | 15855 | NS | 1 | 0.979 | 53.109 | 6.327 | 0.0 | 49.742 | 7.421 | 0.0 | 47.252 | 5.407 | 0.0 | 48.854 | 7.0 | 0.493 | 55.421 | 6.337 | 0.0 | 50.757 | 6.914 | 0.0 | 47.66 | 5.173 | 0.0 | 47.301 | 6.182 |
| 81 | 15854 | 15855 | NS | 1 | 0.978 | 51.555 | 6.246 | 0.0 | 49.742 | 7.411 | 0.0 | 47.238 | 5.386 | 0.0 | 48.851 | 7.007 | 0.49 | 53.854 | 6.286 | 0.0 | 50.757 | 6.884 | 0.0 | 47.645 | 5.237 | 0.0 | 47.297 | 6.261 |
| 82 | 15854 | 15855 | SN | 1 | 0.0 | 42.948 | 4.22 | 0.0 | 42.363 | 4.802 | 0.0 | 36.526 | 3.189 | 0.0 | 43.234 | 3.566 | 0.0 | 42.955 | 4.281 | 0.0 | 44.141 | 4.629 | 0.0 | 34.483 | 3.055 | 0.0 | 43.518 | 3.466 |
| 83 | 15854 | 15855 | NS | 1 | 0.0 | 45.839 | 1.716 | 0.0 | 47.358 | 2.253 | 0.0 | 46.755 | 1.575 | 0.0 | 48.531 | 2.249 | 0.0 | 45.325 | 1.695 | 0.0 | 47.794 | 2.054 | 0.0 | 45.594 | 1.463 | 0.0 | 45.961 | 1.944 |
| 84 | 15854 | 15855 | SN | 1 | 0.0 | 39.789 | 0.932 | 0.0 | 45.008 | 1.193 | 0.0 | 46.88 | 0.974 | 0.0 | 47.267 | 1.196 | 0.0 | 39.702 | 0.928 | 0.0 | 42.223 | 1.107 | 0.0 | 43.392 | 0.919 | 0.0 | 43.167 | 1.013 |
| 85 | 15855 | 15856 | SN | 1 | 0.0 | 43.265 | 0.979 | 0.0 | 41.238 | 1.451 | 0.0 | 39.961 | 1.057 | 0.0 | 45.145 | 1.468 | 0.0 | 42.471 | 0.979 | 0.0 | 40.033 | 1.32 | 0.0 | 41.345 | 0.999 | 0.0 | 42.398 | 1.168 |
| 86 | 15855 | 15856 | NS | 1 | 0.0 | 41.638 | 1.169 | 0.0 | 43.692 | 1.674 | 0.0 | 38.511 | 1.307 | 0.0 | 41.096 | 1.857 | 0.0 | 41.23 | 1.146 | 0.0 | 48.157 | 1.514 | 0.0 | 39.44 | 1.248 | 0.0 | 42.183 | 1.503 |
| 87 | 15855 | 15856 | SN | 1 | 0.0 | 46.248 | 4.076 | 0.0 | 49.963 | 5.422 | 0.0 | 47.621 | 3.706 | 0.0 | 45.446 | 5.01 | 0.0 | 46.241 | 4.107 | 0.0 | 49.804 | 4.915 | 0.0 | 44.437 | 3.607 | 0.0 | 44.726 | 4.242 |
| 88 | 15855 | 15856 | NS | 1 | 0.777 | 47.615 | 4.143 | 0.0 | 54.167 | 5.791 | 0.0 | 46.787 | 4.084 | 0.0 | 39.22 | 5.28 | 0.827 | 48.145 | 4.133 | 0.0 | 57.316 | 5.527 | 0.0 | 47.225 | 3.82 | 0.0 | 39.403 | 4.641 |
| 89 | 15855 | 15856 | SN | 1 | 0.0 | 46.237 | 4.097 | 0.0 | 50.394 | 5.392 | 0.0 | 47.86 | 3.699 | 0.0 | 45.391 | 5.06 | 0.0 | 46.231 | 4.107 | 0.0 | 49.823 | 4.935 | 0.0 | 44.675 | 3.593 | 0.0 | 44.726 | 4.263 |
| 90 | 15855 | 15856 | NS | 1 | 0.0 | 41.638 | 1.169 | 0.0 | 47.578 | 1.683 | 0.0 | 38.511 | 1.317 | 0.0 | 41.096 | 1.85 | 0.0 | 41.23 | 1.144 | 0.0 | 48.605 | 1.548 | 0.0 | 39.44 | 1.23 | 0.0 | 42.202 | 1.524 |
| 91 | 15855 | 15856 | SN | 1 | 0.0 | 43.265 | 0.977 | 0.0 | 41.238 | 1.444 | 0.0 | 39.829 | 1.068 | 0.0 | 45.145 | 1.477 | 0.0 | 42.521 | 0.977 | 0.0 | 40.034 | 1.306 | 0.0 | 41.345 | 1.016 | 0.0 | 42.398 | 1.171 |
| 92 | 15855 | 15856 | NS | 1 | 0.777 | 47.615 | 4.184 | 0.0 | 54.167 | 5.852 | 0.0 | 46.787 | 4.041 | 0.0 | 39.22 | 5.309 | 0.827 | 48.145 | 4.164 | 0.0 | 57.316 | 5.578 | 0.0 | 47.225 | 3.849 | 0.0 | 39.403 | 4.577 |
| 93 | 15856 | 15857 | NS | 1 | 0.0 | 38.505 | 1.049 | 0.0 | 50.441 | 1.409 | 0.0 | 36.501 | 1.124 | 0.0 | 50.002 | 1.677 | 0.0 | 38.017 | 1.042 | 0.0 | 50.323 | 1.348 | 0.0 | 35.716 | 1.04 | 0.0 | 50.334 | 1.38 |
| 94 | 15856 | 15857 | NS | 1 | 0.0 | 38.505 | 1.062 | 0.0 | 50.441 | 1.398 | 0.0 | 36.546 | 1.143 | 0.0 | 50.002 | 1.698 | 0.0 | 38.017 | 1.035 | 0.0 | 50.323 | 1.323 | 0.0 | 35.724 | 1.028 | 0.0 | 50.334 | 1.396 |
| 95 | 15856 | 15857 | NS | 1 | 0.0 | 45.711 | 3.811 | 0.0 | 53.133 | 4.627 | 0.0 | 41.215 | 4.047 | 0.0 | 39.787 | 4.863 | 0.0 | 47.064 | 3.831 | 0.0 | 54.172 | 4.431 | 0.0 | 38.22 | 3.996 | 0.0 | 40.296 | 4.385 |
| 96 | 15856 | 15857 | NS | 1 | 0.0 | 45.711 | 3.757 | 0.0 | 53.133 | 4.565 | 0.0 | 41.215 | 3.97 | 0.0 | 39.787 | 4.788 | 0.0 | 47.064 | 3.777 | 0.0 | 54.172 | 4.372 | 0.0 | 38.22 | 3.906 | 0.0 | 40.296 | 4.311 |
| 97 | 15856 | 15857 | NS | 1 | 0.0 | 38.505 | 1.069 | 0.0 | 50.441 | 1.42 | 0.0 | 36.546 | 1.178 | 0.0 | 50.002 | 1.719 | 0.0 | 38.017 | 1.044 | 0.0 | 50.323 | 1.342 | 0.0 | 35.724 | 1.048 | 0.0 | 50.334 | 1.414 |
| 98 | 15856 | 15857 | SN | 1 | 0.0 | 48.744 | 2.673 | 0.0 | 56.688 | 3.087 | 0.0 | 45.59 | 3.341 | 0.0 | 43.073 | 3.978 | 0.0 | 49.268 | 2.714 | 0.0 | 54.19 | 2.792 | 0.0 | 49.006 | 3.227 | 0.0 | 42.725 | 3.338 |
| 99 | 15856 | 15857 | SN | 1 | 0.0 | 48.744 | 2.653 | 0.0 | 54.439 | 3.137 | 0.0 | 44.352 | 3.362 | 0.0 | 43.141 | 3.971 | 0.0 | 49.268 | 2.724 | 0.0 | 51.939 | 2.802 | 0.0 | 47.377 | 3.284 | 0.0 | 44.222 | 3.366 |
| 100 | 15856 | 15857 | NS | 1 | 0.0 | 45.711 | 3.686 | 0.0 | 53.133 | 4.596 | 0.0 | 39.961 | 3.877 | 0.0 | 39.787 | 4.809 | 0.0 | 47.064 | 3.706 | 0.0 | 54.172 | 4.413 | 0.0 | 39.636 | 3.941 | 0.0 | 40.296 | 4.289 |
| 101 | 15856 | 15857 | SN | 1 | 0.0 | 41.798 | 0.645 | 0.0 | 46.84 | 0.872 | 0.0 | 41.614 | 0.92 | 0.0 | 41.402 | 1.155 | 0.0 | 41.392 | 0.627 | 0.0 | 49.446 | 0.766 | 0.0 | 40.107 | 0.826 | 0.0 | 41.521 | 0.971 |
| 102 | 15856 | 15857 | SN | 1 | 0.0 | 41.798 | 0.647 | 0.0 | 49.979 | 0.879 | 0.0 | 40.169 | 0.925 | 0.0 | 41.542 | 1.159 | 0.0 | 42.227 | 0.631 | 0.0 | 49.446 | 0.768 | 0.0 | 39.07 | 0.825 | 0.0 | 41.657 | 0.951 |
| 103 | 15857 | 15858 | NS | 1 | 0.0 | 51.52 | 4.759 | 0.0 | 47.986 | 6.08 | 0.0 | 39.913 | 4.95 | 0.0 | 41.418 | 6.179 | 0.0 | 51.041 | 4.779 | 0.0 | 48.102 | 5.928 | 0.0 | 42.196 | 4.978 | 0.0 | 39.411 | 5.774 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104 | 15857 | 15858 | NS | 1 | 0.0 | 45.477 | 1.396 | 0.0 | 39.767 | 2.045 | 0.0 | 36.995 | 1.694 | 0.0 | 50.909 | 2.201 | 0.0 | 44.325 | 1.436 | 0.0 | 39.041 | 1.981 | 0.0 | 38.693 | 1.63 | 0.0 | 48.427 | 2.064 |
| 105 | 15857 | 15858 | NS | 1 | 0.0 | 45.477 | 1.331 | 0.0 | 39.767 | 1.951 | 0.0 | 36.995 | 1.624 | 0.0 | 50.909 | 2.099 | 0.0 | 44.325 | 1.372 | 0.0 | 39.041 | 1.888 | 0.0 | 38.693 | 1.562 | 0.0 | 48.427 | 1.966 |
| 106 | 15857 | 15858 | NS | 1 | 0.0 | 45.477 | 1.331 | 0.0 | 39.767 | 1.951 | 0.0 | 36.995 | 1.624 | 0.0 | 50.909 | 2.099 | 0.0 | 44.325 | 1.372 | 0.0 | 39.041 | 1.888 | 0.0 | 38.693 | 1.562 | 0.0 | 48.427 | 1.966 |
| 107 | 15857 | 15858 | SN | 1 | 0.0 | 44.806 | 0.911 | 0.0 | 47.645 | 1.308 | 0.0 | 42.453 | 1.148 | 0.0 | 47.125 | 1.477 | 0.0 | 44.357 | 0.897 | 0.0 | 47.828 | 1.155 | 0.0 | 41.125 | 1.026 | 0.0 | 45.265 | 1.134 |
| 108 | 15857 | 15858 | SN | 1 | 0.0 | 46.323 | 0.895 | 0.0 | 46.531 | 1.322 | 0.0 | 40.626 | 1.147 | 0.0 | 40.106 | 1.422 | 0.0 | 45.773 | 0.89 | 0.0 | 46.715 | 1.134 | 0.0 | 40.256 | 1.028 | 0.0 | 40.61 | 1.122 |
| 109 | 15857 | 15858 | NS | 1 | 0.0 | 51.52 | 5.0 | 0.0 | 47.986 | 6.39 | 0.0 | 39.913 | 5.216 | 0.0 | 41.418 | 6.494 | 0.0 | 51.041 | 5.021 | 0.0 | 48.102 | 6.23 | 0.0 | 42.196 | 5.239 | 0.0 | 39.411 | 6.069 |
| 110 | 15857 | 15858 | NS | 1 | 0.0 | 51.52 | 4.759 | 0.0 | 47.986 | 6.08 | 0.0 | 39.913 | 4.95 | 0.0 | 41.418 | 6.179 | 0.0 | 51.041 | 4.779 | 0.0 | 48.102 | 5.928 | 0.0 | 42.196 | 4.978 | 0.0 | 39.411 | 5.774 |
| 111 | 15857 | 15858 | SN | 1 | 0.0 | 53.231 | 2.592 | 0.0 | 43.673 | 4.092 | 0.0 | 42.227 | 3.908 | 0.0 | 50.822 | 4.463 | 0.0 | 53.197 | 2.562 | 0.0 | 44.783 | 3.533 | 0.0 | 44.675 | 3.617 | 0.0 | 48.648 | 3.637 |
| 112 | 15857 | 15858 | SN | 1 | 0.0 | 50.471 | 2.602 | 0.0 | 43.673 | 4.061 | 0.0 | 44.144 | 3.915 | 0.0 | 41.436 | 4.441 | 0.0 | 50.482 | 2.572 | 0.0 | 45.188 | 3.533 | 0.0 | 46.59 | 3.617 | 0.0 | 42.526 | 3.623 |
| 113 | 15858 | 15859 | SN | 1 | 0.122 | 48.689 | 3.23 | 0.0 | 50.855 | 4.0 | 0.0 | 47.827 | 3.992 | 0.0 | 43.593 | 4.899 | 0.775 | 48.901 | 3.321 | 0.0 | 51.674 | 3.665 | 0.0 | 46.799 | 3.829 | 0.0 | 40.243 | 4.265 |
| 114 | 15858 | 15859 | NS | 1 | 0.0 | 48.277 | 2.079 | 0.0 | 52.487 | 2.508 | 0.0 | 39.26 | 1.867 | 0.0 | 37.351 | 2.438 | 0.0 | 47.255 | 2.066 | 0.0 | 50.813 | 2.436 | 0.0 | 36.981 | 1.914 | 0.0 | 36.876 | 2.319 |
| 115 | 15858 | 15859 | NS | 1 | 0.0 | 48.277 | 1.884 | 0.0 | 52.487 | 2.291 | 0.0 | 36.718 | 1.696 | 0.0 | 38.53 | 2.212 | 0.0 | 47.255 | 1.879 | 0.0 | 50.813 | 2.22 | 0.0 | 36.981 | 1.735 | 0.0 | 36.876 | 2.109 |
| 116 | 15858 | 15859 | NS | 1 | 0.0 | 48.277 | 1.884 | 0.0 | 52.487 | 2.291 | 0.0 | 37.529 | 1.698 | 0.0 | 38.53 | 2.212 | 0.0 | 47.255 | 1.879 | 0.0 | 50.813 | 2.22 | 0.0 | 37.746 | 1.737 | 0.0 | 36.876 | 2.109 |
| 117 | 15858 | 15859 | SN | 1 | 0.195 | 47.943 | 3.25 | 0.0 | 53.625 | 4.051 | 0.0 | 44.201 | 4.048 | 0.0 | 41.545 | 4.92 | 0.751 | 48.48 | 3.362 | 0.0 | 52.143 | 3.645 | 0.0 | 45.82 | 3.836 | 0.0 | 39.044 | 4.215 |
| 118 | 15858 | 15859 | SN | 1 | 0.0 | 49.343 | 0.903 | 0.0 | 45.336 | 1.255 | 0.0 | 39.729 | 1.252 | 0.0 | 38.687 | 1.783 | 0.0 | 50.642 | 0.903 | 0.0 | 42.484 | 1.067 | 0.0 | 40.775 | 1.128 | 0.0 | 36.861 | 1.436 |
| 119 | 15858 | 15859 | SN | 1 | 0.0 | 45.107 | 0.885 | 0.0 | 44.193 | 1.239 | 0.0 | 42.983 | 1.247 | 0.0 | 41.752 | 1.751 | 0.0 | 45.506 | 0.906 | 0.0 | 44.118 | 1.06 | 0.0 | 39.859 | 1.123 | 0.0 | 37.763 | 1.387 |
| 120 | 15858 | 15859 | NS | 1 | 0.0 | 46.973 | 6.917 | 0.0 | 50.548 | 7.742 | 0.0 | 40.685 | 5.949 | 0.0 | 43.217 | 6.815 | 0.0 | 47.375 | 6.887 | 0.0 | 48.687 | 7.427 | 0.0 | 41.134 | 6.049 | 0.0 | 42.346 | 6.765 |
| 121 | 15858 | 15859 | NS | 1 | 0.0 | 46.973 | 6.917 | 0.0 | 50.548 | 7.742 | 0.0 | 40.685 | 5.956 | 0.0 | 43.217 | 6.815 | 0.0 | 47.375 | 6.887 | 0.0 | 48.687 | 7.427 | 0.0 | 41.134 | 6.049 | 0.0 | 42.346 | 6.765 |
| 122 | 15858 | 15859 | NS | 1 | 0.0 | 46.973 | 7.619 | 0.0 | 50.548 | 8.512 | 0.0 | 40.685 | 6.58 | 0.0 | 43.217 | 7.5 | 0.0 | 47.375 | 7.586 | 0.0 | 48.687 | 8.166 | 0.0 | 41.134 | 6.721 | 0.0 | 42.346 | 7.437 |
| 123 | 15859 | 15860 | NS | 1 | 0.0 | 45.686 | 5.433 | 0.0 | 54.352 | 6.738 | 0.0 | 47.813 | 5.927 | 0.0 | 47.049 | 6.81 | 0.0 | 46.996 | 5.555 | 0.0 | 54.195 | 6.728 | 0.0 | 45.668 | 6.048 | 0.0 | 47.713 | 6.874 |
| 124 | 15859 | 15860 | SN | 1 | 0.0 | 47.436 | 1.264 | 0.0 | 45.264 | 1.753 | 0.0 | 50.926 | 1.39 | 0.0 | 39.578 | 1.971 | 0.0 | 45.734 | 1.264 | 0.0 | 41.905 | 1.595 | 0.0 | 50.263 | 1.303 | 0.0 | 38.968 | 1.673 |
| 125 | 15859 | 15860 | SN | 1 | 0.0 | 52.564 | 4.604 | 0.0 | 55.918 | 5.654 | 0.0 | 44.561 | 4.778 | 0.0 | 45.964 | 6.184 | 0.0 | 52.739 | 4.563 | 0.0 | 52.307 | 5.096 | 0.0 | 44.317 | 4.743 | 0.0 | 44.796 | 5.28 |
| 126 | 15859 | 15860 | NS | 1 | 0.0 | 45.686 | 6.378 | 0.0 | 54.507 | 7.918 | 0.0 | 47.813 | 6.823 | 0.0 | 47.08 | 7.917 | 0.0 | 46.996 | 6.521 | 0.0 | 54.352 | 7.918 | 0.0 | 45.668 | 6.998 | 0.0 | 47.744 | 8.067 |
| 127 | 15859 | 15860 | NS | 1 | 0.0 | 52.332 | 1.63 | 0.0 | 42.146 | 2.117 | 0.0 | 41.166 | 1.744 | 0.0 | 44.185 | 2.385 | 0.0 | 53.588 | 1.689 | 0.0 | 46.849 | 2.09 | 0.0 | 39.081 | 1.797 | 0.0 | 42.586 | 2.266 |
| 128 | 15859 | 15860 | NS | 1 | 0.0 | 52.332 | 1.635 | 0.0 | 44.185 | 2.11 | 0.0 | 41.166 | 1.751 | 0.0 | 44.074 | 2.381 | 0.0 | 53.588 | 1.689 | 0.0 | 48.906 | 2.083 | 0.0 | 39.081 | 1.813 | 0.0 | 42.474 | 2.273 |
| 129 | 15859 | 15860 | NS | 1 | 0.0 | 52.332 | 1.911 | 0.0 | 51.023 | 2.462 | 0.0 | 41.166 | 2.041 | 0.0 | 44.074 | 2.793 | 0.0 | 53.588 | 1.972 | 0.0 | 53.159 | 2.43 | 0.0 | 39.081 | 2.091 | 0.0 | 42.474 | 2.662 |
| 130 | 15859 | 15860 | NS | 1 | 0.0 | 45.686 | 5.443 | 0.0 | 54.507 | 6.779 | 0.0 | 47.813 | 5.92 | 0.0 | 47.08 | 6.802 | 0.0 | 46.996 | 5.585 | 0.0 | 54.352 | 6.769 | 0.0 | 45.668 | 6.055 | 0.0 | 47.744 | 6.874 |
| 131 | 15860 | 15861 | SN | 1 | 0.0 | 54.249 | 7.941 | 0.0 | 55.293 | 8.557 | 0.0 | 46.641 | 5.675 | 0.0 | 49.325 | 6.973 | 0.0 | 54.947 | 7.991 | 0.0 | 56.182 | 8.597 | 0.0 | 48.7 | 5.618 | 0.0 | 46.398 | 6.645 |
| 132 | 15860 | 15861 | NS | 1 | 0.0 | 49.062 | 2.175 | 0.0 | 49.236 | 2.847 | 0.0 | 45.947 | 1.844 | 0.0 | 49.057 | 2.384 | 0.0 | 49.093 | 2.189 | 0.0 | 52.284 | 2.748 | 0.0 | 44.532 | 1.78 | 0.0 | 49.524 | 2.198 |
| 133 | 15860 | 15861 | NS | 1 | 0.0 | 49.062 | 2.193 | 0.0 | 49.236 | 2.85 | 0.0 | 48.324 | 1.853 | 0.0 | 49.057 | 2.379 | 0.0 | 49.093 | 2.205 | 0.0 | 52.284 | 2.727 | 0.0 | 51.538 | 1.79 | 0.0 | 49.524 | 2.202 |
| 134 | 15860 | 15861 | SN | 1 | 0.0 | 48.356 | 2.186 | 0.0 | 48.509 | 2.695 | 0.0 | 46.274 | 1.523 | 0.0 | 46.924 | 2.128 | 0.0 | 48.822 | 2.195 | 0.0 | 49.106 | 2.714 | 0.0 | 46.484 | 1.488 | 0.0 | 45.555 | 1.974 |
| 135 | 15860 | 15861 | SN | 1 | 0.0 | 54.249 | 8.072 | 0.0 | 55.293 | 8.767 | 0.0 | 46.641 | 5.661 | 0.0 | 49.325 | 7.13 | 0.0 | 54.947 | 8.113 | 0.0 | 56.182 | 8.85 | 0.0 | 48.7 | 5.632 | 0.0 | 46.092 | 6.773 |
| 136 | 15860 | 15861 | NS | 1 | 0.47 | 50.771 | 8.613 | 0.0 | 54.151 | 11.169 | 0.0 | 49.331 | 6.966 | 0.0 | 47.886 | 8.276 | 0.327 | 51.761 | 8.735 | 0.0 | 56.557 | 11.108 | 0.0 | 49.809 | 6.93 | 0.0 | 53.046 | 7.599 |
| 137 | 15860 | 15861 | NS | 1 | 0.446 | 50.562 | 8.653 | 0.0 | 54.151 | 11.169 | 0.0 | 44.583 | 6.909 | 0.0 | 47.886 | 8.205 | 0.346 | 51.65 | 8.795 | 0.0 | 56.557 | 11.098 | 0.0 | 46.1 | 6.873 | 0.0 | 53.046 | 7.542 |
| 138 | 15860 | 15861 | SN | 1 | 0.0 | 48.356 | 2.135 | 0.0 | 48.509 | 2.645 | 0.0 | 39.022 | 1.575 | 0.0 | 46.924 | 2.101 | 0.0 | 48.822 | 2.157 | 0.0 | 49.106 | 2.665 | 0.0 | 38.207 | 1.568 | 0.0 | 43.662 | 1.948 |
| 139 | 15860 | 15861 | SN | 1 | 0.0 | 48.356 | 2.135 | 0.0 | 48.509 | 2.645 | 0.0 | 39.022 | 1.572 | 0.0 | 46.924 | 2.101 | 0.0 | 48.822 | 2.157 | 0.0 | 49.106 | 2.665 | 0.0 | 38.207 | 1.565 | 0.0 | 43.662 | 1.948 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 15860 | 15861 | SN | 1 | 0.0 | 54.249 | 7.941 | 0.0 | 55.293 | 8.557 | 0.0 | 46.641 | 5.667 | 0.0 | 49.325 | 6.973 | 0.0 | 54.947 | 7.991 | 0.0 | 56.182 | 8.597 | 0.0 | 48.7 | 5.625 | 0.0 | 46.398 | 6.645 |
| 141 | 15861 | 15862 | SN | 1 | 0.0 | 47.59 | 5.33 | 0.0 | 47.805 | 6.109 | 0.0 | 48.574 | 4.309 | 0.0 | 41.896 | 5.594 | 0.0 | 48.056 | 5.412 | 0.0 | 47.613 | 5.954 | 0.0 | 48.789 | 4.697 | 0.0 | 40.57 | 5.284 |
| 142 | 15861 | 15862 | NS | 1 | 0.741 | 55.873 | 4.388 | 0.0 | 54.867 | 5.59 | 0.0 | 42.481 | 3.529 | 0.0 | 49.654 | 4.6 | 0.12 | 54.863 | 4.438 | 0.0 | 54.823 | 5.448 | 0.0 | 42.841 | 3.621 | 0.0 | 50.161 | 4.401 |
| 143 | 15861 | 15862 | SN | 1 | 0.0 | 43.608 | 1.336 | 0.0 | 47.838 | 1.745 | 0.0 | 38.904 | 1.318 | 0.0 | 39.982 | 1.968 | 0.0 | 43.218 | 1.388 | 0.0 | 45.747 | 1.652 | 0.0 | 40.157 | 1.405 | 0.0 | 37.69 | 1.88 |
| 144 | 15861 | 15862 | SN | 1 | 0.0 | 46.896 | 5.359 | 0.0 | 47.773 | 6.062 | 0.0 | 48.653 | 4.273 | 0.0 | 41.727 | 5.53 | 0.0 | 47.344 | 5.523 | 0.0 | 47.11 | 5.929 | 0.0 | 48.867 | 4.639 | 0.0 | 40.324 | 5.242 |
| 145 | 15861 | 15862 | SN | 1 | 0.0 | 46.611 | 5.296 | 0.0 | 47.773 | 6.102 | 0.0 | 48.653 | 4.22 | 0.0 | 41.727 | 5.516 | 0.0 | 47.27 | 5.468 | 0.0 | 47.11 | 5.97 | 0.0 | 48.867 | 4.582 | 0.0 | 40.324 | 5.21 |
| 146 | 15861 | 15862 | SN | 1 | 0.0 | 43.608 | 1.353 | 0.0 | 47.838 | 1.744 | 0.0 | 38.904 | 1.331 | 0.0 | 39.982 | 1.962 | 0.0 | 43.218 | 1.405 | 0.0 | 45.747 | 1.655 | 0.0 | 40.157 | 1.419 | 0.0 | 37.69 | 1.874 |
| 147 | 15861 | 15862 | SN | 1 | 0.0 | 42.855 | 1.357 | 0.0 | 47.838 | 1.758 | 0.0 | 39.38 | 1.347 | 0.0 | 39.982 | 1.955 | 0.0 | 42.464 | 1.41 | 0.0 | 45.147 | 1.669 | 0.0 | 39.044 | 1.397 | 0.0 | 38.34 | 1.866 |
| 148 | 15861 | 15862 | NS | 1 | 0.0 | 38.584 | 1.164 | 0.0 | 54.615 | 1.882 | 0.0 | 38.765 | 1.012 | 0.0 | 48.05 | 1.502 | 0.0 | 38.204 | 1.162 | 0.0 | 54.366 | 1.714 | 0.0 | 37.442 | 0.987 | 0.0 | 50.514 | 1.38 |
| 149 | 15861 | 15862 | NS | 1 | 0.0 | 38.584 | 1.162 | 0.0 | 52.236 | 1.882 | 0.0 | 38.765 | 1.009 | 0.0 | 48.461 | 1.502 | 0.0 | 38.159 | 1.16 | 0.0 | 54.302 | 1.716 | 0.0 | 37.442 | 0.982 | 0.0 | 50.514 | 1.383 |
| 150 | 15861 | 15862 | NS | 1 | 0.741 | 55.873 | 4.377 | 0.0 | 54.713 | 5.6 | 0.0 | 42.465 | 3.536 | 0.0 | 49.653 | 4.6 | 0.12 | 54.863 | 4.428 | 0.0 | 54.669 | 5.458 | 0.0 | 42.825 | 3.629 | 0.0 | 50.161 | 4.408 |
| 151 | 15862 | 15863 | SN | 1 | 0.0 | 42.481 | 0.924 | 0.0 | 40.069 | 1.441 | 0.0 | 37.591 | 1.191 | 0.0 | 39.243 | 2.132 | 0.0 | 41.562 | 0.872 | 0.0 | 38.68 | 1.26 | 0.0 | 37.444 | 1.069 | 0.0 | 41.087 | 1.757 |
| 152 | 15862 | 15863 | NS | 1 | 0.0 | 47.966 | 0.902 | 0.0 | 51.794 | 1.37 | 0.0 | 37.56 | 1.03 | 0.0 | 43.356 | 1.531 | 0.0 | 50.763 | 0.898 | 0.0 | 53.975 | 1.257 | 0.0 | 36.968 | 1.014 | 0.0 | 43.914 | 1.417 |
| 153 | 15862 | 15863 | NS | 1 | 0.947 | 49.917 | 2.844 | 0.0 | 48.099 | 4.177 | 0.0 | 40.997 | 3.344 | 0.0 | 42.434 | 4.486 | 0.87 | 51.635 | 2.854 | 0.0 | 49.208 | 3.902 | 0.0 | 40.557 | 3.294 | 0.0 | 43.445 | 4.095 |
| 154 | 15862 | 15863 | SN | 1 | 0.0 | 41.668 | 3.115 | 0.0 | 41.141 | 4.475 | 0.0 | 43.584 | 3.58 | 0.0 | 40.42 | 5.725 | 0.0 | 41.314 | 3.074 | 0.0 | 42.854 | 4.207 | 0.0 | 43.621 | 3.572 | 0.0 | 41.689 | 5.32 |
| 155 | 15862 | 15863 | SN | 1 | 0.0 | 42.072 | 3.2 | 0.0 | 42.256 | 4.579 | 0.0 | 43.584 | 3.646 | 0.0 | 40.697 | 5.779 | 0.0 | 42.775 | 3.17 | 0.0 | 42.921 | 4.325 | 0.0 | 43.621 | 3.625 | 0.0 | 38.133 | 5.316 |
| 156 | 15862 | 15863 | SN | 1 | 0.0 | 44.513 | 0.938 | 0.0 | 38.421 | 1.451 | 0.0 | 37.919 | 1.203 | 0.0 | 38.57 | 2.144 | 0.0 | 43.592 | 0.892 | 0.0 | 36.785 | 1.268 | 0.0 | 39.859 | 1.111 | 0.0 | 35.002 | 1.785 |
| 157 | 15862 | 15863 | SN | 1 | 0.0 | 42.481 | 0.931 | 0.0 | 40.168 | 1.435 | 0.0 | 37.591 | 1.205 | 0.0 | 43.234 | 2.162 | 0.0 | 41.562 | 0.888 | 0.0 | 39.767 | 1.272 | 0.0 | 37.444 | 1.097 | 0.0 | 47.077 | 1.798 |
| 158 | 15862 | 15863 | SN | 1 | 0.0 | 41.681 | 3.23 | 0.0 | 41.141 | 4.559 | 0.0 | 43.584 | 3.603 | 0.0 | 46.41 | 5.8 | 0.0 | 41.325 | 3.19 | 0.0 | 42.867 | 4.305 | 0.0 | 43.621 | 3.554 | 0.0 | 47.681 | 5.359 |
| 159 | 15863 | 15864 | NS | 1 | 0.0 | 49.226 | 3.2 | 0.0 | 55.496 | 3.739 | 0.0 | 44.114 | 2.741 | 0.0 | 50.161 | 3.176 | 0.0 | 49.906 | 3.271 | 0.0 | 56.701 | 3.515 | 0.0 | 42.688 | 2.634 | 0.0 | 48.131 | 2.756 |
| 160 | 15863 | 15864 | SN | 1 | 0.0 | 42.833 | 3.212 | 0.0 | 42.324 | 4.427 | 0.0 | 43.885 | 3.485 | 0.0 | 40.16 | 5.379 | 0.0 | 42.228 | 3.274 | 0.0 | 42.096 | 4.146 | 0.0 | 42.628 | 3.209 | 0.0 | 41.325 | 4.876 |
| 161 | 15863 | 15864 | NS | 1 | 0.0 | 49.226 | 3.149 | 0.0 | 55.41 | 3.749 | 0.0 | 44.377 | 2.734 | 0.0 | 50.161 | 3.169 | 0.0 | 49.906 | 3.271 | 0.0 | 56.617 | 3.536 | 0.0 | 42.827 | 2.627 | 0.0 | 46.843 | 2.756 |
| 162 | 15863 | 15864 | SN | 1 | 0.0 | 42.833 | 3.199 | 0.0 | 48.339 | 4.377 | 0.0 | 40.668 | 3.397 | 0.0 | 43.693 | 5.291 | 0.0 | 42.228 | 3.28 | 0.0 | 50.708 | 4.082 | 0.0 | 43.565 | 3.234 | 0.0 | 44.213 | 4.756 |
| 163 | 15863 | 15864 | SN | 1 | 0.0 | 42.802 | 3.25 | 0.0 | 46.903 | 4.366 | 0.0 | 36.602 | 3.411 | 0.0 | 42.123 | 5.397 | 0.0 | 42.196 | 3.371 | 0.0 | 48.681 | 4.001 | 0.0 | 37.264 | 3.255 | 0.0 | 41.581 | 4.778 |
| 164 | 15863 | 15864 | SN | 1 | 0.0 | 35.952 | 0.849 | 0.0 | 46.69 | 1.416 | 0.0 | 35.835 | 1.248 | 0.0 | 39.606 | 1.895 | 0.0 | 36.4 | 0.858 | 0.0 | 46.684 | 1.284 | 0.0 | 36.287 | 1.174 | 0.0 | 42.252 | 1.643 |
| 165 | 15863 | 15864 | NS | 1 | 0.0 | 50.027 | 0.819 | 0.0 | 43.547 | 1.108 | 0.0 | 45.502 | 0.652 | 0.0 | 43.997 | 0.902 | 0.0 | 49.538 | 0.826 | 0.0 | 44.772 | 1.011 | 0.0 | 43.764 | 0.641 | 0.0 | 45.205 | 0.751 |
| 166 | 15863 | 15864 | NS | 1 | 0.0 | 50.027 | 0.817 | 0.0 | 55.461 | 1.117 | 0.0 | 45.502 | 0.64 | 0.0 | 45.852 | 0.904 | 0.0 | 49.538 | 0.826 | 0.0 | 54.64 | 1.027 | 0.0 | 43.762 | 0.634 | 0.0 | 48.601 | 0.763 |
| 167 | 15863 | 15864 | SN | 1 | 0.0 | 48.602 | 0.865 | 0.0 | 42.566 | 1.406 | 0.0 | 35.835 | 1.236 | 0.0 | 39.606 | 1.884 | 0.0 | 47.199 | 0.865 | 0.0 | 42.558 | 1.257 | 0.0 | 36.287 | 1.178 | 0.0 | 42.252 | 1.621 |
| 168 | 15863 | 15864 | SN | 1 | 0.0 | 44.425 | 0.89 | 0.0 | 44.934 | 1.411 | 0.0 | 37.049 | 1.245 | 0.0 | 40.702 | 1.894 | 0.0 | 44.589 | 0.87 | 0.0 | 44.927 | 1.255 | 0.0 | 33.984 | 1.203 | 0.0 | 38.384 | 1.619 |
| 169 | 15864 | 15865 | SN | 1 | 0.0 | 41.973 | 5.934 | 0.0 | 44.875 | 7.535 | 0.0 | 37.208 | 5.425 | 0.0 | 41.78 | 6.935 | 0.0 | 42.079 | 5.944 | 0.0 | 46.65 | 7.281 | 0.0 | 38.771 | 5.772 | 0.0 | 39.864 | 7.227 |
| 170 | 15864 | 15865 | SN | 1 | 0.0 | 42.974 | 5.766 | 0.0 | 44.812 | 7.517 | 0.0 | 38.048 | 5.577 | 0.0 | 39.394 | 7.164 | 0.0 | 43.346 | 5.734 | 0.0 | 46.585 | 7.254 | 0.0 | 38.455 | 5.82 | 0.0 | 37.35 | 7.511 |
| 171 | 15864 | 15865 | NS | 1 | 0.0 | 45.708 | 3.302 | 0.0 | 49.637 | 4.43 | 0.0 | 50.262 | 3.667 | 0.0 | 47.818 | 4.913 | 0.0 | 46.165 | 3.352 | 0.0 | 50.386 | 4.328 | 0.0 | 50.263 | 3.745 | 0.0 | 49.389 | 4.728 |
| 172 | 15864 | 15865 | SN | 1 | 0.0 | 41.5 | 1.64 | 0.0 | 39.397 | 2.448 | 0.0 | 39.292 | 1.834 | 0.0 | 36.017 | 2.344 | 0.0 | 43.429 | 1.64 | 0.0 | 39.151 | 2.376 | 0.0 | 37.754 | 1.822 | 0.0 | 34.84 | 2.292 |
| 173 | 15864 | 15865 | SN | 1 | 0.0 | 43.386 | 1.681 | 0.0 | 40.876 | 2.454 | 0.0 | 45.253 | 1.851 | 0.0 | 37.648 | 2.434 | 0.0 | 44.327 | 1.681 | 0.0 | 39.253 | 2.397 | 0.0 | 41.989 | 1.805 | 0.0 | 37.216 | 2.372 |
| 174 | 15864 | 15865 | NS | 1 | 0.0 | 45.613 | 0.925 | 0.0 | 46.749 | 1.413 | 0.0 | 38.556 | 1.066 | 0.0 | 43.171 | 1.532 | 0.0 | 46.196 | 0.97 | 0.0 | 49.176 | 1.384 | 0.0 | 37.997 | 1.086 | 0.0 | 43.337 | 1.441 |
| 175 | 15864 | 15865 | SN | 1 | 0.0 | 43.386 | 1.654 | 0.0 | 40.876 | 2.41 | 0.0 | 42.724 | 1.85 | 0.0 | 37.648 | 2.337 | 0.0 | 44.327 | 1.651 | 0.0 | 39.275 | 2.373 | 0.0 | 43.133 | 1.802 | 0.0 | 37.216 | 2.282 |

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

Normal
Alarming
Deviations
High Errors

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 176 | 15864 | 15865 | NS | 1 | 0.0 | 45.663 | 3.302 | 0.0 | 49.637 | 4.471 | 0.0 | 50.262 | 3.645 | 0.0 | 49.031 | 4.885 | 0.0 | 46.121 | 3.352 | 0.0 | 50.386 | 4.389 | 0.0 | 50.262 | 3.695 | 0.0 | 49.415 | 4.657 |
| 177 | 15864 | 15865 | NS | 1 | 0.0 | 45.646 | 0.934 | 0.0 | 46.203 | 1.431 | 0.0 | 38.776 | 1.05 | 0.0 | 43.14 | 1.523 | 0.0 | 46.226 | 0.97 | 0.0 | 48.632 | 1.384 | 0.0 | 37.978 | 1.082 | 0.0 | 43.304 | 1.448 |
| 178 | 15864 | 15865 | SN | 1 | 0.0 | 42.974 | 5.832 | 0.0 | 44.812 | 7.443 | 0.0 | 38.048 | 5.581 | 0.0 | 41.068 | 6.95 | 0.0 | 43.346 | 5.822 | 0.0 | 46.585 | 7.21 | 0.0 | 38.455 | 5.836 | 0.0 | 39.162 | 7.192 |
| 179 | 15865 | 15866 | SN | 1 | 0.0 | 42.589 | 5.185 | 0.0 | 53.206 | 6.649 | 0.0 | 48.65 | 5.355 | 0.0 | 45.361 | 6.565 | 0.0 | 44.115 | 5.217 | 0.0 | 54.531 | 6.874 | 0.0 | 50.263 | 5.588 | 0.0 | 46.438 | 6.858 |
| 180 | 15865 | 15866 | SN | 1 | 0.0 | 43.766 | 5.172 | 0.0 | 52.753 | 6.68 | 0.0 | 48.571 | 5.246 | 0.0 | 46.749 | 6.475 | 0.0 | 44.06 | 5.212 | 0.0 | 54.078 | 6.944 | 0.0 | 50.184 | 5.53 | 0.0 | 45.38 | 6.767 |
| 181 | 15865 | 15866 | SN | 1 | 0.0 | 41.512 | 1.514 | 0.0 | 45.601 | 2.071 | 0.0 | 37.205 | 1.608 | 0.0 | 43.5 | 2.072 | 0.0 | 43.511 | 1.556 | 0.0 | 46.505 | 2.098 | 0.0 | 36.065 | 1.638 | 0.0 | 43.751 | 2.07 |
| 182 | 15865 | 15866 | NS | 1 | 0.003 | 46.246 | 4.296 | 0.0 | 51.006 | 4.879 | 0.0 | 46.631 | 4.447 | 0.0 | 45.972 | 5.534 | 0.43 | 46.623 | 4.184 | 0.0 | 53.326 | 4.614 | 0.0 | 45.09 | 4.234 | 0.0 | 46.259 | 4.936 |
| 183 | 15865 | 15866 | SN | 1 | 0.0 | 41.512 | 1.556 | 0.0 | 45.601 | 2.061 | 0.0 | 37.205 | 1.6 | 0.0 | 43.5 | 2.078 | 0.0 | 43.511 | 1.603 | 0.0 | 46.505 | 2.099 | 0.0 | 36.065 | 1.633 | 0.0 | 43.751 | 2.114 |
| 184 | 15865 | 15866 | SN | 1 | 0.0 | 42.589 | 5.06 | 0.0 | 53.206 | 6.731 | 0.0 | 48.65 | 5.281 | 0.0 | 45.361 | 6.589 | 0.0 | 44.115 | 5.08 | 0.0 | 54.531 | 6.954 | 0.0 | 50.263 | 5.551 | 0.0 | 43.016 | 6.809 |
| 185 | 15865 | 15866 | NS | 1 | 0.0 | 44.417 | 1.185 | 0.0 | 44.199 | 1.509 | 0.0 | 40.663 | 1.377 | 0.0 | 44.869 | 1.788 | 0.0 | 43.717 | 1.115 | 0.0 | 43.228 | 1.346 | 0.0 | 41.987 | 1.272 | 0.0 | 43.634 | 1.515 |
| 186 | 15865 | 15866 | NS | 1 | 0.0 | 44.417 | 1.194 | 0.0 | 43.827 | 1.513 | 0.0 | 40.043 | 1.368 | 0.0 | 45.98 | 1.777 | 0.0 | 46.22 | 1.135 | 0.0 | 43.228 | 1.334 | 0.0 | 41.367 | 1.268 | 0.0 | 43.722 | 1.486 |
| 187 | 15865 | 15866 | SN | 1 | 0.0 | 40.719 | 1.527 | 0.0 | 45.387 | 2.024 | 0.0 | 37.419 | 1.597 | 0.0 | 41.429 | 2.063 | 0.0 | 41.282 | 1.561 | 0.0 | 46.462 | 2.06 | 0.0 | 36.502 | 1.602 | 0.0 | 41.676 | 2.063 |
| 188 | 15865 | 15866 | NS | 1 | 0.015 | 44.824 | 4.357 | 0.0 | 51.006 | 4.889 | 0.0 | 48.321 | 4.455 | 0.0 | 45.867 | 5.584 | 0.417 | 45.848 | 4.235 | 0.0 | 53.326 | 4.605 | 0.0 | 47.652 | 4.213 | 0.0 | 46.105 | 4.95 |
| 189 | 15866 | 15867 | SN | 1 | 0.0 | 46.26 | 2.065 | 0.0 | 44.274 | 2.747 | 0.0 | 40.391 | 1.646 | 0.0 | 44.213 | 2.321 | 0.0 | 46.226 | 2.126 | 0.0 | 45.708 | 2.622 | 0.0 | 42.362 | 1.644 | 0.0 | 47.721 | 2.262 |
| 190 | 15866 | 15867 | SN | 1 | 0.0 | 52.456 | 8.195 | 0.0 | 56.521 | 8.994 | 0.0 | 43.375 | 5.906 | 0.0 | 48.517 | 7.722 | 0.0 | 51.645 | 8.206 | 0.0 | 57.499 | 8.952 | 0.0 | 45.192 | 6.083 | 0.0 | 49.621 | 7.766 |
| 191 | 15866 | 15867 | SN | 1 | 0.0 | 46.26 | 2.15 | 0.0 | 44.274 | 2.704 | 0.0 | 40.391 | 1.725 | 0.0 | 44.213 | 2.321 | 0.0 | 46.226 | 2.209 | 0.0 | 45.708 | 2.591 | 0.0 | 42.362 | 1.714 | 0.0 | 47.721 | 2.259 |
| 192 | 15866 | 15867 | SN | 1 | 0.0 | 52.456 | 8.384 | 0.0 | 56.521 | 8.921 | 0.0 | 43.375 | 6.022 | 0.0 | 48.517 | 7.748 | 0.0 | 51.645 | 8.395 | 0.0 | 57.499 | 8.997 | 0.0 | 45.192 | 6.206 | 0.0 | 49.621 | 7.909 |
| 193 | 15866 | 15867 | NS | 1 | 0.0 | 42.362 | 1.266 | 0.0 | 42.317 | 1.904 | 0.0 | 44.704 | 1.366 | 0.0 | 43.058 | 1.914 | 0.0 | 42.895 | 1.269 | 0.0 | 43.898 | 1.798 | 0.0 | 42.317 | 1.332 | 0.0 | 42.277 | 1.586 |
| 194 | 15866 | 15867 | NS | 1 | 0.0 | 42.618 | 1.248 | 0.0 | 46.408 | 1.922 | 0.0 | 38.915 | 1.371 | 0.0 | 41.469 | 1.893 | 0.0 | 43.743 | 1.246 | 0.0 | 48.114 | 1.809 | 0.0 | 39.018 | 1.318 | 0.0 | 42.275 | 1.555 |
| 195 | 15866 | 15867 | SN | 1 | 0.0 | 46.26 | 2.204 | 0.0 | 44.274 | 2.735 | 0.0 | 40.391 | 1.761 | 0.0 | 47.883 | 2.334 | 0.0 | 46.226 | 2.265 | 0.0 | 45.708 | 2.62 | 0.0 | 42.362 | 1.755 | 0.0 | 47.721 | 2.303 |
| 196 | 15866 | 15867 | SN | 1 | 0.0 | 52.456 | 8.022 | 0.0 | 56.521 | 9.218 | 0.0 | 43.375 | 5.682 | 0.0 | 48.517 | 7.727 | 0.0 | 51.645 | 8.022 | 0.0 | 57.499 | 9.218 | 0.0 | 45.192 | 5.852 | 0.0 | 49.621 | 7.77 |
| 197 | 15866 | 15867 | NS | 1 | 0.617 | 51.119 | 5.038 | 0.0 | 49.397 | 6.2 | 0.0 | 43.663 | 4.476 | 0.0 | 48.904 | 5.392 | 0.502 | 50.823 | 5.17 | 0.0 | 48.647 | 5.824 | 0.0 | 43.04 | 4.362 | 0.0 | 48.258 | 4.723 |
| 198 | 15866 | 15867 | NS | 1 | 0.692 | 53.647 | 5.078 | 0.0 | 49.396 | 6.24 | 0.0 | 47.364 | 4.419 | 0.0 | 48.949 | 5.364 | 0.484 | 53.357 | 5.18 | 0.0 | 48.644 | 5.854 | 0.0 | 44.754 | 4.376 | 0.0 | 48.304 | 4.772 |
| 199 | 15867 | 15868 | SN | 1 | 0.0 | 45.756 | 1.215 | 0.0 | 45.38 | 1.699 | 0.0 | 41.064 | 1.191 | 0.0 | 46.006 | 1.75 | 0.0 | 44.811 | 1.242 | 0.0 | 44.971 | 1.656 | 0.0 | 40.594 | 1.17 | 0.0 | 45.327 | 1.594 |
| 200 | 15867 | 15868 | NS | 1 | 0.0 | 45.352 | 5.369 | 0.0 | 47.734 | 4.543 | 0.0 | 43.149 | 4.684 | 0.0 | 42.476 | 4.243 | 0.0 | 46.204 | 5.449 | 0.0 | 45.234 | 4.647 | 0.0 | 42.908 | 4.938 | 0.0 | 43.511 | 4.46 |
| 201 | 15867 | 15868 | SN | 1 | 0.0 | 45.756 | 1.21 | 0.0 | 48.138 | 1.713 | 0.0 | 40.709 | 1.196 | 0.0 | 45.91 | 1.736 | 0.0 | 44.811 | 1.244 | 0.0 | 47.728 | 1.659 | 0.0 | 38.877 | 1.177 | 0.0 | 44.597 | 1.58 |
| 202 | 15867 | 15868 | SN | 1 | 0.0 | 51.073 | 5.067 | 0.0 | 52.01 | 5.595 | 0.0 | 47.416 | 4.221 | 0.0 | 46.967 | 4.933 | 0.0 | 51.761 | 5.145 | 0.0 | 51.855 | 5.494 | 0.0 | 47.673 | 4.221 | 0.0 | 48.024 | 4.519 |
| 203 | 15867 | 15868 | NS | 1 | 0.913 | 49.851 | 5.809 | 0.0 | 55.777 | 6.976 | 0.0 | 39.73 | 5.065 | 0.0 | 42.145 | 6.085 | 0.519 | 49.43 | 5.962 | 0.0 | 57.264 | 6.935 | 0.0 | 41.311 | 5.065 | 0.0 | 42.46 | 6.192 |
| 204 | 15867 | 15868 | NS | 1 | 0.0 | 45.556 | 1.309 | 0.0 | 46.859 | 1.346 | 0.0 | 40.434 | 1.443 | 0.0 | 46.699 | 1.387 | 0.0 | 46.776 | 1.334 | 0.0 | 45.289 | 1.293 | 0.0 | 39.825 | 1.425 | 0.0 | 45.328 | 1.436 |
| 205 | 15867 | 15868 | SN | 1 | 0.0 | 45.756 | 1.207 | 0.0 | 45.38 | 1.505 | 0.0 | 41.064 | 1.228 | 0.0 | 46.006 | 1.604 | 0.0 | 44.811 | 1.244 | 0.0 | 44.971 | 1.485 | 0.0 | 40.594 | 1.203 | 0.0 | 45.327 | 1.456 |
| 206 | 15867 | 15868 | SN | 1 | 0.0 | 51.073 | 5.043 | 0.0 | 52.01 | 6.438 | 0.0 | 47.416 | 4.142 | 0.0 | 46.967 | 5.501 | 0.0 | 51.761 | 5.094 | 0.0 | 51.855 | 6.377 | 0.0 | 47.673 | 4.157 | 0.0 | 48.024 | 5.046 |
| 207 | 15867 | 15868 | SN | 1 | 0.0 | 51.049 | 5.053 | 0.0 | 53.894 | 6.468 | 0.0 | 43.85 | 4.15 | 0.0 | 46.767 | 5.487 | 0.0 | 51.737 | 5.084 | 0.0 | 53.74 | 6.397 | 0.0 | 42.049 | 4.171 | 0.0 | 48.024 | 5.089 |
| 208 | 15867 | 15868 | NS | 1 | 0.0 | 46.647 | 1.429 | 0.0 | 52.145 | 2.115 | 0.0 | 37.558 | 1.429 | 0.0 | 41.866 | 2.045 | 0.0 | 47.216 | 1.442 | 0.0 | 54.072 | 1.987 | 0.0 | 37.898 | 1.431 | 0.0 | 39.905 | 1.926 |
| 209 | 15868 | 15869 | SN | 1 | 0.0 | 45.511 | 0.967 | 0.0 | 43.78 | 1.444 | 0.0 | 47.335 | 0.947 | 0.0 | 38.48 | 1.338 | 0.0 | 45.116 | 0.967 | 0.0 | 44.154 | 1.279 | 0.0 | 48.312 | 0.897 | 0.0 | 39.56 | 1.171 |
| 210 | 15868 | 15869 | NS | 1 | 0.0 | 46.077 | 2.109 | 0.0 | 51.118 | 2.745 | 0.0 | 42.457 | 1.966 | 0.0 | 40.822 | 2.544 | 0.0 | 47.267 | 2.13 | 0.0 | 49.381 | 2.528 | 0.0 | 42.455 | 1.925 | 0.0 | 40.534 | 2.239 |
| 211 | 15868 | 15869 | SN | 1 | 0.0 | 47.61 | 3.332 | 0.0 | 45.615 | 4.376 | 0.0 | 41.234 | 2.887 | 0.0 | 40.989 | 4.242 | 0.0 | 46.836 | 3.332 | 0.0 | 45.82 | 4.163 | 0.0 | 41.016 | 2.823 | 0.0 | 44.369 | 3.879 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 212 | 15868 | 15869 | NS | 1 | 1.148 | 48.113 | 8.511 | 0.0 | 53.22 | 9.786 | 0.0 | 41.455 | 6.987 | 0.0 | 43.545 | 7.925 | 1.024 | 48.948 | 8.613 | 0.0 | 57.79 | 9.298 | 0.0 | 42.782 | 6.88 | 0.0 | 43.343 | 7.284 |
| 213 | 15869 | 15870 | SN | 1 | 0.987 | 44.937 | 4.232 | 0.0 | 53.353 | 5.839 | 0.0 | 44.498 | 4.95 | 0.0 | 47.224 | 6.537 | 0.885 | 45.626 | 4.273 | 0.0 | 53.952 | 5.534 | 0.0 | 41.906 | 5.021 | 0.0 | 50.441 | 6.494 |
| 214 | 15869 | 15870 | SN | 1 | 0.0 | 45.991 | 1.325 | 0.0 | 49.925 | 1.867 | 0.0 | 42.693 | 1.404 | 0.0 | 43.766 | 2.081 | 0.0 | 46.637 | 1.327 | 0.0 | 47.98 | 1.826 | 0.0 | 42.374 | 1.459 | 0.0 | 41.327 | 1.978 |
| 215 | 15869 | 15870 | NS | 1 | 0.0 | 50.182 | 4.344 | 0.0 | 50.57 | 5.615 | 0.0 | 43.11 | 4.425 | 0.0 | 45.162 | 5.781 | 0.0 | 49.956 | 4.324 | 0.0 | 49.309 | 5.422 | 0.0 | 41.956 | 4.73 | 0.0 | 43.112 | 5.547 |
| 216 | 15869 | 15870 | NS | 1 | 0.0 | 49.872 | 1.286 | 0.0 | 41.269 | 1.689 | 0.0 | 47.363 | 1.376 | 0.0 | 48.348 | 1.984 | 0.0 | 51.431 | 1.295 | 0.0 | 41.649 | 1.554 | 0.0 | 46.131 | 1.363 | 0.0 | 46.742 | 1.805 |
| 217 | 15870 | 15871 | SN | 1 | 0.305 | 45.927 | 3.868 | 0.0 | 53.621 | 4.984 | 0.0 | 43.491 | 3.581 | 0.0 | 52.538 | 4.412 | 0.272 | 45.874 | 3.919 | 0.0 | 54.292 | 4.811 | 0.0 | 43.451 | 3.517 | 0.0 | 55.894 | 3.729 |
| 218 | 15870 | 15871 | SN | 1 | 0.0 | 54.091 | 1.099 | 0.0 | 51.218 | 1.376 | 0.0 | 42.061 | 0.916 | 0.0 | 40.494 | 1.2 | 0.0 | 53.444 | 1.081 | 0.0 | 51.773 | 1.306 | 0.0 | 39.816 | 0.861 | 0.0 | 39.204 | 0.996 |
| 219 | 15870 | 15871 | SN | 1 | 0.0 | 54.091 | 1.118 | 0.0 | 50.984 | 1.389 | 0.0 | 42.015 | 0.904 | 0.0 | 41.211 | 1.205 | 0.0 | 53.444 | 1.106 | 0.0 | 51.773 | 1.315 | 0.0 | 41.994 | 0.849 | 0.0 | 41.372 | 1.004 |
| 220 | 15870 | 15871 | SN | 1 | 0.305 | 45.927 | 3.868 | 0.0 | 53.621 | 4.984 | 0.0 | 43.491 | 3.581 | 0.0 | 52.538 | 4.412 | 0.272 | 45.874 | 3.919 | 0.0 | 54.292 | 4.811 | 0.0 | 43.451 | 3.517 | 0.0 | 55.894 | 3.729 |
| 221 | 15870 | 15871 | NS | 1 | 0.0 | 47.696 | 1.123 | 0.0 | 39.484 | 1.585 | 0.0 | 40.084 | 1.244 | 0.0 | 49.762 | 2.107 | 0.0 | 50.15 | 1.086 | 0.0 | 41.133 | 1.533 | 0.0 | 41.735 | 1.182 | 0.0 | 49.567 | 1.882 |
| 222 | 15870 | 15871 | NS | 1 | 0.0 | 43.828 | 3.869 | 0.0 | 46.812 | 5.334 | 0.0 | 44.069 | 4.277 | 0.0 | 51.656 | 5.792 | 0.0 | 44.901 | 3.746 | 0.0 | 46.956 | 5.048 | 0.0 | 46.362 | 4.206 | 0.0 | 49.493 | 5.398 |
| 223 | 15870 | 15871 | NS | 1 | 0.415 | 43.828 | 3.849 | 0.0 | 46.812 | 5.293 | 0.0 | 44.069 | 4.255 | 0.0 | 51.656 | 5.748 | 0.252 | 44.901 | 3.727 | 0.0 | 46.956 | 5.009 | 0.0 | 46.362 | 4.184 | 0.0 | 49.493 | 5.357 |
| 224 | 15870 | 15871 | NS | 1 | 0.289 | 43.828 | 3.829 | 0.0 | 46.812 | 5.303 | 0.0 | 44.069 | 4.255 | 0.0 | 51.656 | 5.734 | 0.128 | 44.901 | 3.727 | 0.0 | 46.956 | 5.029 | 0.0 | 46.362 | 4.184 | 0.0 | 49.493 | 5.364 |
| 225 | 15870 | 15871 | SN | 1 | 0.305 | 45.938 | 3.919 | 0.0 | 53.418 | 4.974 | 0.0 | 43.376 | 3.56 | 0.0 | 52.538 | 4.412 | 0.272 | 45.885 | 3.959 | 0.0 | 54.64 | 4.791 | 0.0 | 43.493 | 3.524 | 0.0 | 55.892 | 3.708 |
| 226 | 15870 | 15871 | NS | 1 | 0.0 | 47.696 | 1.117 | 0.0 | 39.484 | 1.577 | 0.0 | 40.084 | 1.238 | 0.0 | 49.762 | 2.096 | 0.0 | 50.15 | 1.081 | 0.0 | 41.133 | 1.525 | 0.0 | 41.735 | 1.176 | 0.0 | 49.567 | 1.873 |
| 227 | 15870 | 15871 | NS | 1 | 0.0 | 47.696 | 1.115 | 0.0 | 39.484 | 1.574 | 0.0 | 40.084 | 1.231 | 0.0 | 49.762 | 2.092 | 0.0 | 50.15 | 1.079 | 0.0 | 41.133 | 1.525 | 0.0 | 41.735 | 1.172 | 0.0 | 49.567 | 1.865 |
| 228 | 15870 | 15871 | SN | 1 | 0.0 | 54.091 | 1.099 | 0.0 | 51.218 | 1.376 | 0.0 | 42.061 | 0.916 | 0.0 | 40.494 | 1.2 | 0.0 | 53.444 | 1.081 | 0.0 | 51.773 | 1.306 | 0.0 | 39.816 | 0.861 | 0.0 | 39.204 | 0.996 |
| 229 | 15871 | 15872 | SN | 1 | 0.0 | 42.239 | 1.106 | 0.0 | 44.147 | 1.712 | 0.0 | 43.768 | 1.28 | 0.0 | 40.66 | 1.81 | 0.0 | 42.811 | 1.16 | 0.0 | 43.393 | 1.622 | 0.0 | 41.274 | 1.275 | 0.0 | 39.728 | 1.687 |
| 230 | 15871 | 15872 | SN | 1 | 0.0 | 50.739 | 4.818 | 0.0 | 48.399 | 6.284 | 0.0 | 44.837 | 4.218 | 0.0 | 45.674 | 5.778 | 0.0 | 50.119 | 4.889 | 0.0 | 52.066 | 6.132 | 0.0 | 43.476 | 4.183 | 0.0 | 44.906 | 5.614 |
| 231 | 15871 | 15872 | SN | 1 | 0.0 | 48.902 | 4.838 | 0.0 | 50.643 | 6.355 | 0.0 | 41.04 | 4.282 | 0.0 | 45.339 | 5.799 | 0.0 | 48.283 | 4.858 | 0.0 | 54.711 | 6.173 | 0.0 | 41.244 | 4.261 | 0.0 | 45.026 | 5.607 |
| 232 | 15871 | 15872 | NS | 1 | 0.0 | 41.611 | 1.223 | 0.0 | 53.549 | 1.782 | 0.0 | 41.596 | 1.222 | 0.0 | 47.222 | 1.971 | 0.0 | 40.597 | 1.202 | 0.0 | 50.695 | 1.671 | 0.0 | 40.099 | 1.202 | 0.0 | 43.739 | 1.835 |
| 233 | 15871 | 15872 | NS | 1 | 0.0 | 41.611 | 1.218 | 0.0 | 53.549 | 1.763 | 0.0 | 39.161 | 1.212 | 0.0 | 47.222 | 1.949 | 0.0 | 40.597 | 1.202 | 0.0 | 50.695 | 1.652 | 0.0 | 39.5 | 1.196 | 0.0 | 43.739 | 1.804 |
| 234 | 15871 | 15872 | NS | 1 | 0.125 | 46.435 | 3.707 | 0.0 | 48.686 | 5.113 | 0.0 | 40.285 | 3.728 | 0.0 | 47.139 | 5.506 | 0.044 | 47.658 | 3.636 | 0.0 | 49.381 | 4.727 | 0.0 | 41.481 | 3.7 | 0.0 | 50.325 | 4.929 |
| 235 | 15871 | 15872 | NS | 1 | 0.192 | 46.435 | 3.697 | 0.0 | 48.686 | 5.103 | 0.0 | 40.285 | 3.679 | 0.0 | 47.139 | 5.485 | 0.023 | 47.658 | 3.626 | 0.0 | 49.381 | 4.717 | 0.0 | 41.481 | 3.657 | 0.0 | 50.325 | 4.929 |
| 236 | 15871 | 15872 | NS | 1 | 0.0 | 41.611 | 1.18 | 0.0 | 53.549 | 1.71 | 0.0 | 45.169 | 1.179 | 0.0 | 47.222 | 1.889 | 0.0 | 40.597 | 1.162 | 0.0 | 50.695 | 1.601 | 0.0 | 45.144 | 1.162 | 0.0 | 43.739 | 1.749 |
| 237 | 15871 | 15872 | NS | 1 | 0.0 | 41.611 | 1.176 | 0.0 | 53.549 | 1.71 | 0.0 | 39.161 | 1.176 | 0.0 | 47.222 | 1.889 | 0.0 | 40.597 | 1.153 | 0.0 | 50.695 | 1.599 | 0.0 | 39.5 | 1.149 | 0.0 | 43.739 | 1.742 |
| 238 | 15871 | 15872 | SN | 1 | 0.0 | 43.358 | 1.122 | 0.0 | 44.139 | 1.719 | 0.0 | 47.08 | 1.282 | 0.0 | 43.676 | 1.771 | 0.0 | 43.93 | 1.164 | 0.0 | 44.841 | 1.629 | 0.0 | 44.817 | 1.238 | 0.0 | 45.008 | 1.63 |
| 239 | 15871 | 15872 | NS | 1 | 0.0 | 46.435 | 3.825 | 0.0 | 48.686 | 5.264 | 0.0 | 40.285 | 3.777 | 0.0 | 47.139 | 5.652 | 0.0 | 47.658 | 3.762 | 0.0 | 49.381 | 4.866 | 0.0 | 41.481 | 3.755 | 0.0 | 50.325 | 5.086 |
| 240 | 15871 | 15872 | NS | 1 | 0.0 | 46.435 | 3.885 | 0.0 | 48.686 | 5.316 | 0.0 | 40.285 | 3.919 | 0.0 | 47.139 | 5.713 | 0.0 | 47.658 | 3.8 | 0.0 | 49.381 | 4.922 | 0.0 | 41.481 | 3.844 | 0.0 | 50.325 | 5.16 |
| 241 | 15872 | 15873 | NS | 1 | 0.0 | 49.835 | 5.295 | 0.0 | 52.476 | 6.502 | 0.0 | 38.802 | 5.004 | 0.0 | 39.718 | 6.414 | 0.0 | 49.964 | 5.447 | 0.0 | 55.483 | 6.469 | 0.0 | 41.887 | 5.073 | 0.0 | 39.51 | 6.452 |
| 242 | 15872 | 15873 | NS | 1 | 0.0 | 43.986 | 1.598 | 0.0 | 48.502 | 2.0 | 0.0 | 39.215 | 1.55 | 0.0 | 39.363 | 1.911 | 0.0 | 42.341 | 1.625 | 0.0 | 51.509 | 1.898 | 0.0 | 39.56 | 1.601 | 0.0 | 36.513 | 1.875 |
| 243 | 15872 | 15873 | SN | 1 | 0.0 | 45.389 | 1.005 | 0.0 | 46.39 | 1.541 | 0.0 | 42.109 | 1.282 | 0.0 | 45.838 | 1.822 | 0.0 | 45.328 | 1.029 | 0.0 | 44.045 | 1.414 | 0.0 | 42.358 | 1.249 | 0.0 | 41.966 | 1.531 |
| 244 | 15872 | 15873 | NS | 1 | 0.0 | 44.219 | 1.706 | 0.0 | 52.476 | 2.093 | 0.0 | 42.196 | 1.615 | 0.0 | 39.001 | 2.088 | 0.0 | 42.581 | 1.723 | 0.0 | 55.483 | 2.025 | 0.0 | 41.007 | 1.659 | 0.0 | 40.042 | 2.041 |
| 245 | 15872 | 15873 | SN | 1 | 0.0 | 45.692 | 3.897 | 0.0 | 47.542 | 4.73 | 0.0 | 43.174 | 4.105 | 0.0 | 44.162 | 5.344 | 0.0 | 44.938 | 3.866 | 0.0 | 47.5 | 4.497 | 0.0 | 43.845 | 3.913 | 0.0 | 42.631 | 5.002 |
| 246 | 15872 | 15873 | NS | 1 | 0.0 | 47.937 | 5.066 | 0.0 | 48.502 | 6.166 | 0.0 | 40.771 | 4.681 | 0.0 | 42.044 | 5.942 | 0.0 | 48.064 | 5.076 | 0.0 | 51.509 | 6.095 | 0.0 | 43.715 | 4.937 | 0.0 | 40.992 | 6.07 |
| 247 | 15873 | 15874 | SN | 1 | 0.0 | 42.451 | 3.48 | 0.0 | 40.569 | 5.001 | 0.0 | 42.194 | 3.536 | 0.0 | 42.589 | 5.488 | 0.0 | 43.934 | 3.491 | 0.0 | 38.848 | 4.767 | 0.0 | 41.254 | 3.31 | 0.0 | 44.521 | 4.826 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248 | 15873 | 15874 | SN | 1 | 0.0 | 37.473 | 0.87 | 0.0 | 40.878 | 1.424 | 0.0 | 40.131 | 1.074 | 0.0 | 39.139 | 1.855 | 0.0 | 37.282 | 0.856 | 0.0 | 39.426 | 1.286 | 0.0 | 38.185 | 1.021 | 0.0 | 41.825 | 1.594 |
| 249 | 15873 | 15874 | NS | 1 | 0.0 | 51.747 | 7.038 | 0.0 | 47.075 | 8.951 | 0.0 | 45.698 | 6.489 | 0.0 | 52.426 | 7.803 | 0.0 | 51.27 | 7.078 | 0.0 | 48.872 | 9.347 | 0.0 | 44.357 | 6.709 | 0.0 | 47.189 | 7.774 |
| 250 | 15873 | 15874 | SN | 1 | 0.0 | 37.679 | 0.883 | 0.0 | 46.34 | 1.41 | 0.0 | 35.607 | 1.102 | 0.0 | 40.827 | 1.848 | 0.0 | 37.761 | 0.865 | 0.0 | 47.383 | 1.286 | 0.0 | 35.193 | 1.092 | 0.0 | 38.694 | 1.587 |
| 251 | 15873 | 15874 | SN | 1 | 0.0 | 37.679 | 0.898 | 0.0 | 46.34 | 1.459 | 0.0 | 37.929 | 1.103 | 0.0 | 39.684 | 1.963 | 0.0 | 37.761 | 0.883 | 0.0 | 47.383 | 1.33 | 0.0 | 36.659 | 1.097 | 0.0 | 36.528 | 1.683 |
| 252 | 15873 | 15874 | SN | 1 | 0.0 | 48.073 | 3.797 | 0.0 | 39.719 | 5.097 | 0.0 | 42.795 | 3.681 | 0.0 | 43.321 | 5.388 | 0.0 | 49.511 | 3.737 | 0.0 | 38.491 | 4.833 | 0.0 | 42.12 | 3.582 | 0.0 | 42.688 | 4.676 |
| 253 | 15873 | 15874 | NS | 1 | 0.0 | 47.682 | 1.944 | 0.0 | 41.384 | 2.573 | 0.0 | 42.409 | 1.875 | 0.0 | 40.948 | 2.621 | 0.0 | 46.54 | 2.051 | 0.0 | 41.927 | 2.589 | 0.0 | 40.901 | 1.84 | 0.0 | 44.99 | 2.51 |
| 254 | 15873 | 15874 | SN | 1 | 0.0 | 48.274 | 3.716 | 0.0 | 44.371 | 5.138 | 0.0 | 44.504 | 3.766 | 0.0 | 44.136 | 5.331 | 0.0 | 49.726 | 3.757 | 0.0 | 44.349 | 4.863 | 0.0 | 42.21 | 3.596 | 0.0 | 43.275 | 4.605 |
| 255 | 15874 | 15875 | NS | 1 | 0.0 | 49.914 | 8.13 | 0.0 | 57.784 | 9.506 | 0.0 | 49.338 | 7.744 | 0.0 | 49.95 | 9.141 | 0.0 | 50.705 | 8.505 | 0.0 | 55.874 | 9.517 | 0.0 | 50.386 | 7.958 | 0.0 | 47.606 | 8.857 |
| 256 | 15874 | 15875 | NS | 1 | 0.0 | 48.132 | 8.398 | 0.0 | 53.209 | 9.795 | 0.0 | 46.631 | 7.641 | 0.0 | 46.531 | 9.121 | 0.0 | 48.856 | 8.641 | 0.0 | 53.737 | 9.642 | 0.0 | 46.995 | 7.606 | 0.0 | 45.333 | 8.786 |
| 257 | 15874 | 15875 | NS | 1 | 0.0 | 44.735 | 2.543 | 0.0 | 51.223 | 3.066 | 0.0 | 43.987 | 2.225 | 0.0 | 45.111 | 2.834 | 0.0 | 45.854 | 2.573 | 0.0 | 50.194 | 2.91 | 0.0 | 43.65 | 2.241 | 0.0 | 47.115 | 2.622 |
| 258 | 15874 | 15875 | NS | 1 | 0.0 | 48.899 | 2.522 | 0.0 | 49.513 | 3.112 | 0.0 | 47.385 | 2.286 | 0.0 | 43.621 | 2.934 | 0.0 | 49.076 | 2.639 | 0.0 | 49.234 | 2.972 | 0.0 | 46.506 | 2.279 | 0.0 | 42.183 | 2.784 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | Azimuth Angle | | | | | | | | | | | | Incidence Angle | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 15845 | 15846 | SN | 1 | 0.0 | 29.836 | 13.266 | 0.0 | 27.371 | 13.195 | 0.0 | 142.48 | 10.866 | 0.0 | 152.269 | 13.888 | 0.0 | 1.453 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.142 | 0.0 |
| 2 | 15845 | 15846 | SN | 1 | 0.0 | 29.836 | 13.266 | 0.0 | 27.371 | 13.195 | 0.0 | 142.48 | 10.866 | 0.0 | 152.269 | 13.888 | 0.0 | 1.453 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.142 | 0.0 |
| 3 | 15845 | 15846 | SN | 1 | 0.0 | 23.4 | 6.026 | 0.0 | 199.916 | 7.64 | 0.0 | 128.56 | 3.017 | 0.0 | 87.01 | 3.962 | 0.0 | 1.436 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.141 | 0.0 |
| 4 | 15845 | 15846 | SN | 1 | 0.0 | 29.836 | 13.327 | 0.0 | 25.926 | 12.669 | 0.0 | 142.48 | 11.139 | 0.0 | 152.269 | 13.208 | 0.0 | 1.453 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.142 | 0.0 |
| 5 | 15845 | 15846 | SN | 1 | 0.0 | 23.4 | 5.99 | 0.0 | 199.916 | 7.711 | 0.0 | 128.56 | 2.94 | 0.0 | 87.01 | 4.165 | 0.0 | 1.436 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.141 | 0.0 |
| 6 | 15845 | 15846 | SN | 1 | 0.0 | 23.4 | 5.99 | 0.0 | 199.916 | 7.711 | 0.0 | 128.56 | 2.94 | 0.0 | 87.01 | 4.165 | 0.0 | 1.436 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.141 | 0.0 |
| 7 | 15846 | 15847 | SN | 1 | 0.0 | 23.378 | 5.993 | 0.0 | 221.215 | 7.725 | 0.0 | 156.532 | 2.975 | 0.0 | 234.109 | 4.218 | 0.0 | 1.435 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.143 | 0.0 |
| 8 | 15846 | 15847 | NS | 1 | 1.417 | 25.656 | 10.075 | 0.0 | 30.272 | 14.139 | 0.0 | 355.02 | 9.591 | 0.0 | 36.592 | 12.032 | 0.106 | 1.418 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.143 | 0.0 |
| 9 | 15846 | 15847 | NS | 1 | 0.0 | 26.031 | 5.964 | 0.0 | 24.564 | 6.675 | 0.0 | 352.996 | 2.174 | 0.0 | 28.987 | 2.881 | 0.0 | 1.444 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.143 | 0.0 |
| 10 | 15846 | 15847 | NS | 1 | 0.0 | 26.031 | 5.962 | 0.0 | 24.564 | 6.675 | 0.0 | 352.996 | 2.174 | 0.0 | 28.987 | 2.881 | 0.0 | 1.444 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.143 | 0.0 |
| 11 | 15846 | 15847 | SN | 1 | 0.0 | 29.869 | 13.247 | 0.0 | 238.714 | 13.146 | 0.0 | 156.218 | 10.889 | 0.0 | 259.561 | 13.864 | 0.0 | 1.452 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.143 | 0.0 |
| 12 | 15846 | 15847 | SN | 1 | 0.0 | 29.869 | 13.25 | 0.0 | 238.714 | 12.947 | 0.0 | 156.218 | 10.968 | 0.0 | 259.561 | 13.567 | 0.0 | 1.452 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.143 | 0.0 |
| 13 | 15846 | 15847 | NS | 1 | 1.417 | 25.656 | 10.075 | 0.0 | 30.272 | 14.139 | 0.0 | 355.02 | 9.591 | 0.0 | 36.592 | 12.032 | 0.106 | 1.418 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.143 | 0.0 |
| 14 | 15846 | 15847 | SN | 1 | 0.0 | 23.378 | 5.993 | 0.0 | 221.215 | 7.725 | 0.0 | 156.532 | 2.975 | 0.0 | 234.109 | 4.218 | 0.0 | 1.435 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.143 | 0.0 |
| 15 | 15846 | 15847 | SN | 1 | 0.0 | 29.869 | 13.247 | 0.0 | 238.714 | 13.146 | 0.0 | 156.218 | 10.889 | 0.0 | 259.561 | 13.864 | 0.0 | 1.452 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.143 | 0.0 |
| 16 | 15846 | 15847 | SN | 1 | 0.0 | 23.378 | 6.006 | 0.0 | 221.215 | 7.708 | 0.0 | 156.532 | 2.996 | 0.0 | 234.109 | 4.1 | 0.0 | 1.435 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.143 | 0.0 |
| 17 | 15847 | 15848 | SN | 1 | 0.0 | 23.384 | 6.041 | 0.0 | 267.844 | 7.744 | 0.0 | 161.292 | 3.019 | 0.0 | 74.761 | 4.245 | 0.0 | 1.435 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.144 | 0.0 |
| 18 | 15847 | 15848 | NS | 1 | 0.0 | 25.512 | 5.864 | 0.0 | 24.547 | 6.619 | 0.0 | 179.533 | 2.185 | 0.0 | 26.422 | 2.845 | 0.0 | 1.441 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.141 | 0.0 |
| 19 | 15847 | 15848 | NS | 1 | 0.0 | 160.374 | 10.086 | 0.0 | 30.459 | 14.097 | 0.0 | 355.108 | 9.587 | 0.0 | 36.498 | 12.017 | 0.0 | 1.42 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.139 | 0.0 |
| 20 | 15847 | 15848 | NS | 1 | 0.0 | 160.374 | 10.086 | 0.0 | 30.459 | 14.107 | 0.0 | 355.108 | 9.58 | 0.0 | 36.498 | 12.017 | 0.0 | 1.42 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.139 | 0.0 |
| 21 | 15847 | 15848 | SN | 1 | 0.0 | 30.035 | 13.213 | 0.0 | 236.982 | 12.945 | 0.0 | 152.164 | 10.94 | 0.0 | 23.141 | 13.639 | 0.0 | 1.452 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.14 | 0.0 |
| 22 | 15847 | 15848 | SN | 1 | 0.0 | 30.035 | 13.213 | 0.0 | 236.982 | 12.945 | 0.0 | 152.164 | 10.94 | 0.0 | 23.141 | 13.639 | 0.0 | 1.452 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.14 | 0.0 |
| 23 | 15847 | 15848 | SN | 1 | 0.0 | 23.384 | 6.048 | 0.0 | 267.844 | 7.731 | 0.0 | 161.292 | 3.039 | 0.0 | 14.709 | 4.147 | 0.0 | 1.435 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.144 | 0.0 |
| 24 | 15847 | 15848 | SN | 1 | 0.0 | 23.384 | 6.048 | 0.0 | 267.844 | 7.731 | 0.0 | 161.292 | 3.039 | 0.0 | 14.709 | 4.147 | 0.0 | 1.435 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.144 | 0.0 |
| 25 | 15847 | 15848 | SN | 1 | 0.0 | 30.035 | 13.21 | 0.0 | 236.982 | 13.057 | 0.0 | 152.164 | 10.872 | 0.0 | 46.326 | 13.827 | 0.0 | 1.452 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.14 | 0.0 |
| 26 | 15847 | 15848 | NS | 1 | 0.0 | 25.512 | 5.862 | 0.0 | 24.553 | 6.622 | 0.0 | 179.533 | 2.185 | 0.0 | 26.422 | 2.847 | 0.0 | 1.441 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.141 | 0.0 |
| 27 | 15848 | 15849 | SN | 1 | 0.0 | 22.071 | 6.061 | 0.0 | 26.737 | 7.728 | 0.0 | 141.372 | 3.012 | 0.0 | 68.91 | 4.307 | 0.0 | 1.436 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.144 | 0.0 |
| 28 | 15848 | 15849 | NS | 1 | 0.0 | 25.901 | 5.883 | 0.0 | 24.547 | 6.622 | 0.0 | 134.96 | 2.164 | 0.0 | 54.064 | 2.836 | 0.0 | 1.441 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.141 | 0.0 |
| 29 | 15848 | 15849 | SN | 1 | 0.0 | 22.071 | 6.073 | 0.0 | 25.049 | 7.704 | 0.0 | 141.372 | 3.045 | 0.0 | 14.24 | 4.169 | 0.0 | 1.436 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.144 | 0.0 |
| 30 | 15848 | 15849 | SN | 1 | 0.0 | 30.189 | 13.255 | 0.0 | 27.382 | 12.871 | 0.0 | 165.428 | 11.073 | 0.0 | 37.941 | 13.558 | 0.0 | 1.451 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.145 | 0.0 |
| 31 | 15848 | 15849 | SN | 1 | 0.0 | 22.071 | 6.061 | 0.0 | 26.9 | 7.726 | 0.0 | 141.372 | 3.012 | 0.0 | 68.91 | 4.309 | 0.0 | 1.436 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.144 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 15848 | 15849 | SN | 1 | 0.0 | 30.189 | 13.231 | 0.0 | 27.382 | 13.099 | 0.0 | 165.428 | 10.964 | 0.0 | 69.963 | 13.898 | 0.0 | 1.451 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.145 | 0.0 |
| 33 | 15848 | 15849 | NS | 1 | 0.0 | 24.575 | 10.086 | 0.0 | 30.52 | 14.077 | 0.0 | 131.679 | 9.559 | 0.0 | 37.441 | 12.017 | 0.0 | 1.42 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.139 | 0.0 |
| 34 | 15848 | 15849 | SN | 1 | 0.0 | 30.189 | 13.231 | 0.0 | 27.382 | 13.099 | 0.0 | 165.428 | 10.964 | 0.0 | 69.969 | 13.898 | 0.0 | 1.451 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.145 | 0.0 |
| 35 | 15849 | 15850 | NS | 1 | 0.0 | 218.162 | 5.904 | 0.0 | 24.564 | 6.64 | 0.0 | 310.1 | 2.162 | 0.0 | 40.905 | 2.848 | 0.0 | 1.442 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.142 | 0.0 |
| 36 | 15849 | 15850 | SN | 1 | 0.0 | 23.389 | 6.031 | 0.0 | 26.88 | 7.747 | 0.0 | 176.502 | 3.026 | 0.0 | 101.391 | 4.281 | 0.0 | 1.436 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.143 | 0.0 |
| 37 | 15849 | 15850 | SN | 1 | 0.0 | 29.731 | 13.308 | 0.0 | 27.205 | 13.084 | 0.0 | 179.684 | 11.037 | 0.0 | 96.582 | 13.974 | 0.0 | 1.453 | 0.0 | 0.0 | 1.789 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.141 | 0.0 |
| 38 | 15849 | 15850 | NS | 1 | 0.0 | 103.045 | 10.146 | 0.0 | 29.803 | 14.075 | 0.0 | 352.979 | 9.621 | 0.0 | 35.417 | 12.021 | 0.0 | 1.41 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.14 | 0.0 |
| 39 | 15849 | 15850 | NS | 1 | 0.0 | 218.162 | 5.898 | 0.0 | 24.558 | 6.633 | 0.0 | 310.04 | 2.162 | 0.0 | 40.888 | 2.853 | 0.0 | 1.441 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.143 | 0.0 |
| 40 | 15849 | 15850 | SN | 1 | 0.0 | 29.731 | 13.308 | 0.0 | 27.206 | 13.084 | 0.0 | 179.684 | 11.036 | 0.0 | 96.582 | 13.974 | 0.0 | 1.453 | 0.0 | 0.0 | 1.789 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.141 | 0.0 |
| 41 | 15849 | 15850 | SN | 1 | 0.0 | 29.731 | 13.349 | 0.0 | 25.97 | 12.781 | 0.0 | 179.684 | 11.195 | 0.0 | 96.582 | 13.478 | 0.0 | 1.453 | 0.0 | 0.0 | 1.789 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.141 | 0.0 |
| 42 | 15849 | 15850 | NS | 1 | 0.0 | 103.045 | 10.136 | 0.0 | 29.803 | 14.055 | 0.0 | 352.974 | 9.599 | 0.0 | 35.406 | 12.021 | 0.0 | 1.411 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.14 | 0.0 |
| 43 | 15849 | 15850 | SN | 1 | 0.0 | 23.389 | 6.028 | 0.0 | 26.726 | 7.749 | 0.0 | 176.502 | 3.026 | 0.0 | 101.391 | 4.284 | 0.0 | 1.436 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.143 | 0.0 |
| 44 | 15849 | 15850 | SN | 1 | 0.0 | 23.389 | 6.05 | 0.0 | 24.244 | 7.706 | 0.0 | 176.502 | 3.075 | 0.0 | 101.391 | 4.1 | 0.0 | 1.436 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.143 | 0.0 |
| 45 | 15850 | 15851 | SN | 1 | 0.0 | 23.367 | 6.052 | 0.0 | 26.985 | 7.76 | 0.0 | 184.659 | 3.02 | 0.0 | 49.657 | 4.264 | 0.0 | 1.437 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.144 | 0.0 |
| 46 | 15850 | 15851 | SN | 1 | 0.0 | 23.367 | 6.083 | 0.0 | 24.26 | 7.699 | 0.0 | 184.659 | 3.092 | 0.0 | 14.24 | 4.076 | 0.0 | 1.437 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.144 | 0.0 |
| 47 | 15850 | 15851 | SN | 1 | 0.0 | 29.935 | 13.285 | 0.0 | 27.399 | 13.166 | 0.0 | 194.365 | 10.993 | 0.0 | 63.913 | 13.956 | 0.0 | 1.453 | 0.0 | 0.0 | 1.789 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.145 | 0.0 |
| 48 | 15850 | 15851 | SN | 1 | 0.0 | 29.935 | 13.285 | 0.0 | 27.399 | 13.166 | 0.0 | 194.365 | 10.993 | 0.0 | 63.913 | 13.956 | 0.0 | 1.453 | 0.0 | 0.0 | 1.789 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.145 | 0.0 |
| 49 | 15850 | 15851 | SN | 1 | 0.0 | 29.935 | 13.334 | 0.0 | 25.937 | 12.688 | 0.0 | 194.365 | 11.23 | 0.0 | 15.96 | 13.305 | 0.0 | 1.453 | 0.0 | 0.0 | 1.789 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.145 | 0.0 |
| 50 | 15850 | 15851 | NS | 1 | 0.0 | 203.131 | 5.948 | 0.0 | 24.558 | 6.601 | 0.0 | 332.254 | 2.175 | 0.0 | 42.51 | 2.849 | 0.0 | 1.442 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.142 | 0.0 |
| 51 | 15850 | 15851 | NS | 1 | 0.0 | 203.131 | 5.941 | 0.0 | 24.558 | 6.601 | 0.0 | 332.204 | 2.177 | 0.0 | 42.532 | 2.854 | 0.0 | 1.443 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.142 | 0.0 |
| 52 | 15850 | 15851 | NS | 1 | 1.412 | 264.8 | 10.187 | 0.0 | 30.217 | 14.058 | 0.0 | 328.223 | 9.648 | 0.0 | 35.671 | 12.025 | 0.106 | 1.413 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.141 | 0.0 |
| 53 | 15850 | 15851 | SN | 1 | 0.0 | 23.367 | 6.052 | 0.0 | 26.985 | 7.76 | 0.0 | 184.659 | 3.02 | 0.0 | 49.657 | 4.264 | 0.0 | 1.437 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.144 | 0.0 |
| 54 | 15850 | 15851 | NS | 1 | 1.417 | 160.55 | 10.177 | 0.0 | 30.217 | 14.017 | 0.0 | 328.189 | 9.641 | 0.0 | 35.66 | 12.004 | 0.106 | 1.413 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.141 | 0.0 |
| 55 | 15851 | 15852 | NS | 1 | 0.0 | 25.827 | 10.077 | 0.0 | 30.36 | 14.132 | 0.0 | 355.031 | 9.616 | 0.0 | 91.626 | 12.097 | 0.0 | 1.415 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.14 | 0.0 |
| 56 | 15851 | 15852 | SN | 1 | 0.0 | 29.748 | 12.758 | 0.0 | 237.997 | 13.667 | 0.0 | 160.514 | 10.93 | 0.0 | 274.319 | 13.155 | 0.0 | 2.45 | 0.0 | 0.0 | 2.986 | 0.0 | 0.0 | 3.438 | 0.107 | 0.0 | 3.725 | 0.492 |
| 57 | 15851 | 15852 | NS | 1 | 1.417 | 25.827 | 10.106 | 0.0 | 30.25 | 14.1 | 0.0 | 352.406 | 9.634 | 0.0 | 36.757 | 12.011 | 0.106 | 1.419 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.141 | 0.0 |
| 58 | 15851 | 15852 | SN | 1 | 0.0 | 29.748 | 12.758 | 0.0 | 237.997 | 13.667 | 0.0 | 160.514 | 10.93 | 0.0 | 274.319 | 13.155 | 0.0 | 2.45 | 0.0 | 0.0 | 2.986 | 0.0 | 0.0 | 3.438 | 0.107 | 0.0 | 3.725 | 0.492 |
| 59 | 15851 | 15852 | SN | 1 | 0.0 | 65.645 | 5.845 | 0.0 | 189.636 | 6.972 | 0.0 | 152.589 | 3.111 | 0.0 | 239.79 | 3.714 | 0.0 | 2.947 | 0.0 | 0.0 | 2.989 | 0.0 | 0.0 | 3.385 | 0.024 | 0.0 | 3.68 | 0.195 |
| 60 | 15851 | 15852 | SN | 1 | 0.0 | 65.645 | 5.796 | 0.0 | 189.636 | 7.14 | 0.0 | 152.589 | 2.96 | 0.0 | 239.79 | 3.992 | 0.0 | 2.947 | 0.0 | 0.0 | 2.989 | 0.0 | 0.0 | 3.385 | 0.022 | 0.0 | 3.68 | 0.178 |
| 61 | 15851 | 15852 | SN | 1 | 0.0 | 65.645 | 5.796 | 0.0 | 189.636 | 7.137 | 0.0 | 152.589 | 2.96 | 0.0 | 239.79 | 3.992 | 0.0 | 2.947 | 0.0 | 0.0 | 2.989 | 0.0 | 0.0 | 3.385 | 0.022 | 0.0 | 3.68 | 0.178 |
| 62 | 15851 | 15852 | NS | 1 | 0.0 | 25.959 | 5.979 | 0.0 | 24.569 | 6.626 | 0.0 | 299.528 | 2.161 | 0.0 | 37.59 | 2.886 | 0.0 | 1.442 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.142 | 0.0 |
| 63 | 15851 | 15852 | NS | 1 | 0.0 | 25.711 | 5.979 | 0.0 | 24.564 | 6.622 | 0.0 | 355.031 | 2.171 | 0.0 | 75.098 | 2.862 | 0.0 | 1.443 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.142 | 0.0 |
| 64 | 15851 | 15852 | SN | 1 | 0.0 | 29.748 | 12.81 | 0.0 | 237.997 | 12.935 | 0.0 | 160.514 | 11.418 | 0.0 | 274.319 | 11.943 | 0.0 | 2.45 | 0.0 | 0.0 | 2.986 | 0.0 | 0.0 | 3.438 | 0.117 | 0.0 | 3.725 | 0.536 |
| 65 | 15852 | 15853 | NS | 1 | 0.0 | 24.939 | 10.065 | 0.0 | 30.487 | 14.045 | 0.0 | 355.235 | 9.544 | 0.0 | 37.408 | 12.074 | 0.0 | 1.426 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.14 | 0.0 |
| 66 | 15852 | 15853 | NS | 1 | 0.0 | 25.496 | 5.957 | 0.0 | 24.558 | 6.618 | 0.0 | 127.372 | 2.18 | 0.0 | 53.468 | 2.867 | 0.0 | 1.443 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.144 | 0.0 |
| 67 | 15852 | 15853 | SN | 1 | 0.0 | 23.367 | 6.07 | 0.0 | 162.894 | 7.591 | 0.0 | 140.439 | 2.823 | 0.0 | 72.831 | 4.366 | 0.0 | 1.435 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.146 | 0.0 |
| 68 | 15852 | 15853 | SN | 1 | 0.0 | 29.472 | 13.139 | 0.0 | 155.52 | 13.117 | 0.0 | 164.413 | 10.893 | 0.0 | 63.897 | 13.855 | 0.0 | 1.451 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.144 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | 15852 | 15853 | SN | 1 | 0.0 | 29.472 | 13.139 | 0.0 | 155.52 | 13.117 | 0.0 | 164.413 | 10.893 | 0.0 | 63.897 | 13.855 | 0.0 | 1.451 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.144 | 0.0 |
| 70 | 15852 | 15853 | SN | 1 | 0.0 | 23.367 | 6.146 | 0.0 | 162.894 | 7.502 | 0.0 | 140.439 | 2.961 | 0.0 | 14.251 | 4.208 | 0.0 | 1.435 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.146 | 0.0 |
| 71 | 15852 | 15853 | SN | 1 | 0.0 | 23.367 | 6.07 | 0.0 | 162.894 | 7.591 | 0.0 | 140.439 | 2.823 | 0.0 | 72.831 | 4.366 | 0.0 | 1.435 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.146 | 0.0 |
| 72 | 15852 | 15853 | SN | 1 | 0.0 | 29.472 | 13.251 | 0.0 | 155.52 | 12.389 | 0.0 | 164.413 | 11.332 | 0.0 | 14.731 | 12.909 | 0.0 | 1.451 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.144 | 0.0 |
| 73 | 15853 | 15854 | NS | 1 | 0.0 | 69.597 | 5.953 | 0.0 | 24.558 | 6.584 | 0.0 | 340.764 | 2.17 | 0.0 | 45.763 | 2.864 | 0.0 | 1.438 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.141 | 0.0 |
| 74 | 15853 | 15854 | SN | 1 | 0.0 | 29.428 | 13.224 | 0.0 | 27.399 | 13.048 | 0.0 | 135.465 | 10.858 | 0.0 | 71.248 | 13.905 | 0.0 | 1.452 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.142 | 0.0 |
| 75 | 15853 | 15854 | NS | 1 | 0.436 | 212.126 | 10.087 | 0.0 | 30.542 | 14.068 | 0.0 | 242.798 | 9.552 | 0.0 | 37.838 | 12.039 | 0.105 | 1.416 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.14 | 0.0 |
| 76 | 15853 | 15854 | SN | 1 | 0.0 | 23.351 | 6.014 | 0.0 | 26.455 | 7.667 | 0.0 | 139.921 | 2.882 | 0.0 | 96.256 | 4.16 | 0.0 | 1.436 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.142 | 0.0 |
| 77 | 15853 | 15854 | NS | 1 | 0.0 | 212.132 | 10.115 | 0.0 | 30.426 | 14.099 | 0.0 | 178.223 | 9.605 | 0.0 | 72.963 | 12.084 | 0.0 | 1.42 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.139 | 0.0 |
| 78 | 15853 | 15854 | NS | 1 | 0.0 | 160.511 | 5.959 | 0.0 | 24.553 | 6.589 | 0.0 | 152.057 | 2.16 | 0.0 | 47.859 | 2.849 | 0.0 | 1.439 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.139 | 0.0 |
| 79 | 15854 | 15855 | NS | 1 | 0.0 | 202.9 | 5.988 | 0.0 | 24.564 | 6.6 | 0.0 | 139.361 | 2.164 | 0.0 | 48.841 | 2.902 | 0.0 | 1.442 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.142 | 0.0 |
| 80 | 15854 | 15855 | NS | 1 | 1.45 | 151.5 | 10.166 | 0.0 | 30.211 | 14.163 | 0.0 | 349.996 | 9.612 | 0.0 | 70.267 | 12.067 | 0.166 | 1.414 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.14 | 0.0 |
| 81 | 15854 | 15855 | NS | 1 | 1.45 | 151.505 | 10.145 | 0.0 | 30.211 | 14.163 | 0.0 | 349.996 | 9.612 | 0.0 | 70.272 | 12.067 | 0.166 | 1.414 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.14 | 0.0 |
| 82 | 15854 | 15855 | SN | 1 | 0.0 | 29.941 | 13.236 | 0.0 | 27.399 | 13.126 | 0.0 | 163.613 | 10.872 | 0.0 | 224.474 | 13.878 | 0.0 | 1.443 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.136 | 0.0 |
| 83 | 15854 | 15855 | NS | 1 | 0.0 | 202.894 | 5.986 | 0.0 | 24.564 | 6.604 | 0.0 | 139.339 | 2.166 | 0.0 | 48.852 | 2.902 | 0.0 | 1.442 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.142 | 0.0 |
| 84 | 15854 | 15855 | SN | 1 | 0.0 | 22.088 | 5.994 | 0.0 | 26.464 | 7.598 | 0.0 | 174.853 | 2.932 | 0.0 | 83.439 | 4.177 | 0.0 | 1.427 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.139 | 0.0 |
| 85 | 15855 | 15856 | SN | 1 | 0.0 | 22.093 | 6.023 | 0.0 | 26.213 | 7.634 | 0.0 | 166.906 | 2.945 | 0.0 | 71.061 | 4.148 | 0.0 | 1.424 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.138 | 0.0 |
| 86 | 15855 | 15856 | NS | 1 | 0.0 | 203.275 | 5.959 | 0.0 | 24.547 | 6.548 | 0.0 | 357.353 | 2.159 | 0.0 | 49.486 | 2.87 | 0.0 | 1.431 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.136 | 0.0 |
| 87 | 15855 | 15856 | SN | 1 | 0.0 | 29.809 | 13.281 | 0.0 | 194.285 | 13.17 | 0.0 | 153.46 | 10.934 | 0.0 | 63.5 | 13.857 | 0.0 | 1.439 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.138 | 0.0 |
| 88 | 15855 | 15856 | NS | 1 | 1.456 | 57.221 | 10.155 | 0.0 | 30.211 | 14.026 | 0.0 | 355.13 | 9.555 | 0.0 | 71.132 | 12.011 | 0.167 | 1.414 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.136 | 0.0 |
| 89 | 15855 | 15856 | SN | 1 | 0.0 | 29.814 | 13.281 | 0.0 | 194.296 | 13.17 | 0.0 | 153.543 | 10.927 | 0.0 | 63.461 | 13.835 | 0.0 | 1.438 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.139 | 0.0 |
| 90 | 15855 | 15856 | NS | 1 | 0.0 | 203.275 | 5.959 | 0.0 | 24.547 | 6.548 | 0.0 | 357.353 | 2.159 | 0.0 | 49.486 | 2.87 | 0.0 | 1.431 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.136 | 0.0 |
| 91 | 15855 | 15856 | SN | 1 | 0.0 | 22.099 | 6.023 | 0.0 | 26.218 | 7.622 | 0.0 | 167.038 | 2.958 | 0.0 | 48.157 | 4.148 | 0.0 | 1.424 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.138 | 0.0 |
| 92 | 15855 | 15856 | NS | 1 | 1.456 | 57.221 | 10.155 | 0.0 | 30.211 | 14.026 | 0.0 | 355.13 | 9.555 | 0.0 | 71.132 | 12.011 | 0.167 | 1.414 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.136 | 0.0 |
| 93 | 15856 | 15857 | NS | 1 | 0.0 | 266.876 | 5.981 | 0.0 | 24.547 | 6.559 | 0.0 | 353.007 | 2.145 | 0.0 | 36.89 | 2.824 | 0.0 | 1.427 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.136 | 0.0 |
| 94 | 15856 | 15857 | NS | 1 | 0.0 | 266.876 | 5.981 | 0.0 | 24.547 | 6.559 | 0.0 | 353.007 | 2.145 | 0.0 | 36.89 | 2.824 | 0.0 | 1.427 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.136 | 0.0 |
| 95 | 15856 | 15857 | NS | 1 | 0.0 | 84.051 | 10.203 | 0.0 | 29.809 | 13.799 | 0.0 | 355.07 | 9.737 | 0.0 | 16.804 | 11.723 | 0.0 | 1.402 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.135 | 0.0 |
| 96 | 15856 | 15857 | NS | 1 | 0.0 | 84.051 | 10.195 | 0.0 | 29.809 | 13.991 | 0.0 | 355.07 | 9.576 | 0.0 | 35.671 | 11.97 | 0.0 | 1.402 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.135 | 0.0 |
| 97 | 15856 | 15857 | NS | 1 | 0.0 | 266.876 | 6.057 | 0.0 | 24.547 | 6.559 | 0.0 | 353.007 | 2.182 | 0.0 | 12.811 | 2.742 | 0.0 | 1.427 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.136 | 0.0 |
| 98 | 15856 | 15857 | SN | 1 | 0.0 | 29.731 | 13.244 | 0.0 | 27.343 | 13.189 | 0.0 | 156.091 | 11.086 | 0.0 | 175.76 | 13.857 | 0.0 | 1.435 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 99 | 15856 | 15857 | SN | 1 | 0.0 | 29.731 | 13.244 | 0.0 | 27.343 | 13.189 | 0.0 | 156.091 | 11.086 | 0.0 | 175.76 | 13.857 | 0.0 | 1.435 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.138 | 0.0 |
| 100 | 15856 | 15857 | NS | 1 | 0.0 | 84.051 | 10.195 | 0.0 | 29.809 | 13.991 | 0.0 | 355.07 | 9.576 | 0.0 | 35.671 | 11.97 | 0.0 | 1.402 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.135 | 0.0 |
| 101 | 15856 | 15857 | SN | 1 | 0.0 | 22.093 | 6.047 | 0.0 | 26.246 | 7.654 | 0.0 | 155.931 | 2.975 | 0.0 | 142.047 | 4.166 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.137 | 0.0 |
| 102 | 15856 | 15857 | SN | 1 | 0.0 | 22.093 | 6.047 | 0.0 | 26.246 | 7.654 | 0.0 | 155.931 | 2.975 | 0.0 | 142.047 | 4.168 | 0.0 | 1.421 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.137 | 0.0 |
| 103 | 15857 | 15858 | NS | 1 | 0.0 | 24.944 | 10.167 | 0.0 | 30.388 | 13.985 | 0.0 | 355.108 | 9.643 | 0.0 | 70.653 | 12.024 | 0.0 | 1.401 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.138 | 0.0 |
| 104 | 15857 | 15858 | NS | 1 | 0.0 | 25.705 | 6.202 | 0.0 | 24.547 | 6.627 | 0.0 | 183.316 | 2.291 | 0.0 | 12.811 | 2.795 | 0.0 | 1.427 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.136 | 0.0 |
| 105 | 15857 | 15858 | NS | 1 | 0.0 | 25.705 | 6.004 | 0.0 | 24.547 | 6.59 | 0.0 | 183.316 | 2.179 | 0.0 | 62.044 | 2.835 | 0.0 | 1.427 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.136 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106 | 15857 | 15858 | NS | 1 | 0.0 | 25.705 | 6.004 | 0.0 | 24.547 | 6.59 | 0.0 | 183.316 | 2.179 | 0.0 | 62.044 | 2.835 | 0.0 | 1.427 | 0.0 | 0.0 | 1.779 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.136 | 0.0 |
| 107 | 15857 | 15858 | SN | 1 | 0.0 | 22.104 | 6.038 | 0.0 | 26.276 | 7.656 | 0.0 | 149.39 | 2.989 | 0.0 | 74.248 | 4.164 | 0.0 | 1.419 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.136 | 0.0 |
| 108 | 15857 | 15858 | SN | 1 | 0.0 | 22.104 | 6.038 | 0.0 | 26.276 | 7.656 | 0.0 | 149.39 | 2.989 | 0.0 | 74.248 | 4.162 | 0.0 | 1.419 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.136 | 0.0 |
| 109 | 15857 | 15858 | NS | 1 | 0.0 | 24.944 | 10.256 | 0.0 | 29.814 | 13.493 | 0.0 | 355.108 | 10.052 | 0.0 | 13.81 | 11.466 | 0.0 | 1.401 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.138 | 0.0 |
| 110 | 15857 | 15858 | NS | 1 | 0.0 | 24.944 | 10.167 | 0.0 | 30.388 | 13.985 | 0.0 | 355.108 | 9.643 | 0.0 | 70.653 | 12.024 | 0.0 | 1.401 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.138 | 0.0 |
| 111 | 15857 | 15858 | SN | 1 | 0.0 | 29.764 | 13.224 | 0.0 | 279.178 | 13.149 | 0.0 | 150.311 | 11.185 | 0.0 | 58.123 | 13.808 | 0.0 | 1.432 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.136 | 0.0 |
| 112 | 15857 | 15858 | SN | 1 | 0.0 | 29.764 | 13.224 | 0.0 | 279.178 | 13.149 | 0.0 | 150.311 | 11.185 | 0.0 | 58.123 | 13.808 | 0.0 | 1.432 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.136 | 0.0 |
| 113 | 15858 | 15859 | SN | 1 | 0.728 | 29.555 | 13.264 | 0.0 | 69.189 | 13.169 | 0.0 | 154.475 | 11.11 | 0.0 | 262.087 | 13.785 | 0.097 | 1.428 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.137 | 0.0 |
| 114 | 15858 | 15859 | NS | 1 | 0.0 | 140.867 | 6.306 | 0.0 | 24.553 | 6.757 | 0.0 | 349.069 | 2.42 | 0.0 | 12.811 | 2.925 | 0.0 | 1.423 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.136 | 0.0 |
| 115 | 15858 | 15859 | NS | 1 | 0.0 | 140.873 | 5.988 | 0.0 | 24.553 | 6.582 | 0.0 | 349.069 | 2.194 | 0.0 | 49.017 | 2.826 | 0.0 | 1.423 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.136 | 0.0 |
| 116 | 15858 | 15859 | NS | 1 | 0.0 | 158.504 | 5.99 | 0.0 | 24.553 | 6.582 | 0.0 | 349.069 | 2.194 | 0.0 | 49.028 | 2.826 | 0.0 | 1.423 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.136 | 0.0 |
| 117 | 15858 | 15859 | SN | 1 | 0.728 | 29.555 | 13.264 | 0.0 | 69.189 | 13.169 | 0.0 | 154.475 | 11.11 | 0.0 | 262.087 | 13.785 | 0.097 | 1.428 | 0.0 | 0.0 | 1.782 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.137 | 0.0 |
| 118 | 15858 | 15859 | SN | 1 | 0.0 | 22.093 | 6.047 | 0.0 | 69.189 | 7.625 | 0.0 | 155.926 | 2.98 | 0.0 | 210.687 | 4.135 | 0.0 | 1.416 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.136 | 0.0 |
| 119 | 15858 | 15859 | SN | 1 | 0.0 | 22.093 | 6.047 | 0.0 | 69.189 | 7.625 | 0.0 | 155.926 | 2.98 | 0.0 | 210.687 | 4.135 | 0.0 | 1.416 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.136 | 0.0 |
| 120 | 15858 | 15859 | NS | 1 | 0.0 | 45.22 | 10.147 | 0.0 | 30.47 | 13.979 | 0.0 | 138.258 | 9.663 | 0.0 | 37.805 | 11.977 | 0.0 | 1.396 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.134 | 0.0 |
| 121 | 15858 | 15859 | NS | 1 | 0.0 | 148.555 | 10.147 | 0.0 | 30.47 | 13.979 | 0.0 | 138.258 | 9.663 | 0.0 | 37.805 | 11.977 | 0.0 | 1.396 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.134 | 0.0 |
| 122 | 15858 | 15859 | NS | 1 | 0.0 | 24.983 | 10.316 | 0.0 | 29.809 | 13.367 | 0.0 | 138.258 | 10.553 | 0.0 | 13.071 | 11.516 | 0.0 | 1.396 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.134 | 0.0 |
| 123 | 15859 | 15860 | NS | 1 | 0.0 | 25.281 | 10.135 | 0.0 | 31.16 | 14.005 | 0.0 | 352.842 | 9.741 | 0.0 | 36.074 | 11.981 | 0.0 | 1.401 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.133 | 0.0 |
| 124 | 15859 | 15860 | SN | 1 | 0.0 | 70.829 | 6.014 | 0.0 | 51.984 | 7.678 | 0.0 | 178.162 | 2.975 | 0.0 | 65.099 | 4.09 | 0.0 | 1.412 | 0.0 | 0.0 | 1.815 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.186 | 0.0 |
| 125 | 15859 | 15860 | SN | 1 | 0.0 | 73.471 | 13.265 | 0.0 | 27.272 | 13.126 | 0.0 | 162.825 | 11.123 | 0.0 | 71.728 | 13.741 | 0.0 | 1.423 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.192 | 0.0 |
| 126 | 15859 | 15860 | NS | 1 | 0.0 | 25.281 | 10.507 | 0.0 | 29.809 | 13.47 | 0.0 | 352.842 | 11.315 | 0.0 | 13.076 | 11.654 | 0.0 | 1.401 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.133 | 0.0 |
| 127 | 15859 | 15860 | NS | 1 | 0.0 | 68.946 | 5.985 | 0.0 | 24.558 | 6.561 | 0.0 | 271.55 | 2.206 | 0.0 | 40.855 | 2.852 | 0.0 | 1.419 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.135 | 0.0 |
| 128 | 15859 | 15860 | NS | 1 | 0.0 | 68.946 | 5.985 | 0.0 | 24.558 | 6.559 | 0.0 | 214.25 | 2.208 | 0.0 | 40.855 | 2.853 | 0.0 | 1.42 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.135 | 0.0 |
| 129 | 15859 | 15860 | NS | 1 | 0.0 | 68.946 | 6.506 | 0.0 | 24.558 | 6.939 | 0.0 | 214.25 | 2.592 | 0.0 | 12.817 | 3.139 | 0.0 | 1.42 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.135 | 0.0 |
| 130 | 15859 | 15860 | NS | 1 | 0.0 | 25.281 | 10.155 | 0.0 | 31.16 | 14.016 | 0.0 | 352.842 | 9.734 | 0.0 | 36.074 | 11.981 | 0.0 | 1.401 | 0.0 | 0.0 | 1.78 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.133 | 0.0 |
| 131 | 15860 | 15861 | SN | 1 | 0.0 | 29.98 | 13.279 | 0.0 | 27.205 | 13.134 | 0.0 | 150.78 | 10.881 | 0.0 | 238.554 | 13.881 | 0.0 | 1.455 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.141 | 0.0 |
| 132 | 15860 | 15861 | NS | 1 | 0.0 | 100.872 | 5.974 | 0.0 | 24.553 | 6.613 | 0.0 | 133.389 | 2.142 | 0.0 | 41.699 | 2.883 | 0.0 | 1.444 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.143 | 0.0 |
| 133 | 15860 | 15861 | NS | 1 | 0.0 | 100.872 | 5.974 | 0.0 | 24.553 | 6.613 | 0.0 | 133.389 | 2.142 | 0.0 | 41.699 | 2.883 | 0.0 | 1.444 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.143 | 0.0 |
| 134 | 15860 | 15861 | SN | 1 | 0.0 | 23.395 | 5.992 | 0.0 | 24.707 | 7.671 | 0.0 | 154.9 | 2.973 | 0.0 | 186.493 | 4.013 | 0.0 | 1.438 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.143 | 0.0 |
| 135 | 15860 | 15861 | SN | 1 | 0.0 | 29.98 | 13.304 | 0.0 | 26.764 | 12.86 | 0.0 | 150.78 | 11.003 | 0.0 | 238.554 | 13.451 | 0.0 | 1.455 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.141 | 0.0 |
| 136 | 15860 | 15861 | NS | 1 | 0.711 | 148.842 | 10.156 | 0.0 | 30.2 | 14.106 | 0.0 | 353.228 | 9.549 | 0.0 | 39.697 | 12.079 | 0.001 | 1.421 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.14 | 0.0 |
| 137 | 15860 | 15861 | NS | 1 | 0.711 | 148.842 | 10.156 | 0.0 | 30.2 | 14.106 | 0.0 | 353.228 | 9.549 | 0.0 | 39.697 | 12.079 | 0.001 | 1.421 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.14 | 0.0 |
| 138 | 15860 | 15861 | SN | 1 | 0.0 | 23.395 | 5.976 | 0.0 | 26.486 | 7.707 | 0.0 | 154.9 | 2.937 | 0.0 | 186.493 | 4.182 | 0.0 | 1.438 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.143 | 0.0 |
| 139 | 15860 | 15861 | SN | 1 | 0.0 | 23.395 | 5.976 | 0.0 | 26.486 | 7.707 | 0.0 | 154.9 | 2.937 | 0.0 | 186.493 | 4.182 | 0.0 | 1.438 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.143 | 0.0 |
| 140 | 15860 | 15861 | SN | 1 | 0.0 | 29.98 | 13.279 | 0.0 | 27.2 | 13.134 | 0.0 | 150.78 | 10.881 | 0.0 | 238.554 | 13.881 | 0.0 | 1.455 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.141 | 0.0 |
| 141 | 15861 | 15862 | SN | 1 | 0.0 | 29.836 | 13.385 | 0.0 | 27.36 | 12.968 | 0.0 | 154.106 | 10.923 | 0.0 | 22.402 | 13.69 | 0.0 | 1.455 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.144 | 0.0 |
| 142 | 15861 | 15862 | NS | 1 | 1.417 | 53.94 | 10.106 | 0.0 | 30.244 | 14.066 | 0.0 | 354.849 | 9.541 | 0.0 | 35.246 | 11.957 | 0.005 | 1.425 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.143 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 143 | 15861 | 15862 | SN | 1 | 0.0 | 23.389 | 6.024 | 0.0 | 26.354 | 7.719 | 0.0 | 161.214 | 2.988 | 0.0 | 49.734 | 4.26 | 0.0 | 1.438 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.145 | 0.0 |
| 144 | 15861 | 15862 | SN | 1 | 0.0 | 29.836 | 13.383 | 0.0 | 27.36 | 12.996 | 0.0 | 154.106 | 10.923 | 0.0 | 24.542 | 13.734 | 0.0 | 1.455 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.144 | 0.0 |
| 145 | 15861 | 15862 | SN | 1 | 0.0 | 29.836 | 13.376 | 0.0 | 27.36 | 13.149 | 0.0 | 154.106 | 10.852 | 0.0 | 64.752 | 13.921 | 0.0 | 1.455 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.144 | 0.0 |
| 146 | 15861 | 15862 | SN | 1 | 0.0 | 23.389 | 6.027 | 0.0 | 25.253 | 7.703 | 0.0 | 161.214 | 3.01 | 0.0 | 14.813 | 4.157 | 0.0 | 1.438 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.145 | 0.0 |
| 147 | 15861 | 15862 | SN | 1 | 0.0 | 23.389 | 6.027 | 0.0 | 25.253 | 7.703 | 0.0 | 161.214 | 3.008 | 0.0 | 14.813 | 4.155 | 0.0 | 1.438 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.145 | 0.0 |
| 148 | 15861 | 15862 | NS | 1 | 0.0 | 68.45 | 5.923 | 0.0 | 24.558 | 6.563 | 0.0 | 352.886 | 2.143 | 0.0 | 42.846 | 2.85 | 0.0 | 1.447 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.142 | 0.0 |
| 149 | 15861 | 15862 | NS | 1 | 0.0 | 68.45 | 5.919 | 0.0 | 24.558 | 6.567 | 0.0 | 352.88 | 2.143 | 0.0 | 42.841 | 2.848 | 0.0 | 1.447 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.142 | 0.0 |
| 150 | 15861 | 15862 | NS | 1 | 1.417 | 53.94 | 10.116 | 0.0 | 30.244 | 14.066 | 0.0 | 354.849 | 9.527 | 0.0 | 35.246 | 11.964 | 0.005 | 1.425 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.143 | 0.0 |
| 151 | 15862 | 15863 | SN | 1 | 0.0 | 23.378 | 6.05 | 0.0 | 24.415 | 7.696 | 0.0 | 169.117 | 3.024 | 0.0 | 14.24 | 4.149 | 0.0 | 1.441 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.145 | 0.0 |
| 152 | 15862 | 15863 | NS | 1 | 0.0 | 167.35 | 5.899 | 0.0 | 24.553 | 6.567 | 0.0 | 353.36 | 2.136 | 0.0 | 28.832 | 2.837 | 0.0 | 1.449 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.142 | 0.0 |
| 153 | 15862 | 15863 | NS | 1 | 1.417 | 163.164 | 10.156 | 0.0 | 30.277 | 14.045 | 0.0 | 355.307 | 9.52 | 0.0 | 36.443 | 11.949 | 0.005 | 1.423 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.14 | 0.0 |
| 154 | 15862 | 15863 | SN | 1 | 0.0 | 29.814 | 13.346 | 0.0 | 27.354 | 12.909 | 0.0 | 170.513 | 10.969 | 0.0 | 21.409 | 13.668 | 0.0 | 1.458 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.145 | 0.0 |
| 155 | 15862 | 15863 | SN | 1 | 0.0 | 29.814 | 13.327 | 0.0 | 27.354 | 13.118 | 0.0 | 170.513 | 10.895 | 0.0 | 56.606 | 13.942 | 0.0 | 1.458 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.145 | 0.0 |
| 156 | 15862 | 15863 | SN | 1 | 0.0 | 23.378 | 6.031 | 0.0 | 26.384 | 7.708 | 0.0 | 169.117 | 2.999 | 0.0 | 60.919 | 4.272 | 0.0 | 1.441 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.145 | 0.0 |
| 157 | 15862 | 15863 | SN | 1 | 0.0 | 23.378 | 6.031 | 0.0 | 26.378 | 7.706 | 0.0 | 169.117 | 2.999 | 0.0 | 60.919 | 4.272 | 0.0 | 1.441 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.145 | 0.0 |
| 158 | 15862 | 15863 | SN | 1 | 0.0 | 29.814 | 13.327 | 0.0 | 27.354 | 13.118 | 0.0 | 170.513 | 10.895 | 0.0 | 56.606 | 13.942 | 0.0 | 1.458 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.145 | 0.0 |
| 159 | 15863 | 15864 | NS | 1 | 0.0 | 42.187 | 10.189 | 0.0 | 30.288 | 14.081 | 0.0 | 355.18 | 9.432 | 0.0 | 36.2 | 11.998 | 0.0 | 1.418 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.14 | 0.0 |
| 160 | 15863 | 15864 | SN | 1 | 0.0 | 29.483 | 13.325 | 0.0 | 236.977 | 12.803 | 0.0 | 171.472 | 11.1 | 0.0 | 238.096 | 13.528 | 0.0 | 1.457 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.146 | 0.0 |
| 161 | 15863 | 15864 | NS | 1 | 0.0 | 42.193 | 10.209 | 0.0 | 30.024 | 14.083 | 0.0 | 355.185 | 9.419 | 0.0 | 36.217 | 12.005 | 0.0 | 1.419 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.14 | 0.0 |
| 162 | 15863 | 15864 | SN | 1 | 0.0 | 29.483 | 13.294 | 0.0 | 236.977 | 13.089 | 0.0 | 171.472 | 10.97 | 0.0 | 238.096 | 13.97 | 0.0 | 1.457 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.146 | 0.0 |
| 163 | 15863 | 15864 | SN | 1 | 0.0 | 29.483 | 13.294 | 0.0 | 236.977 | 13.089 | 0.0 | 171.472 | 10.97 | 0.0 | 238.096 | 13.97 | 0.0 | 1.457 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.146 | 0.0 |
| 164 | 15863 | 15864 | SN | 1 | 0.0 | 22.088 | 6.031 | 0.0 | 267.833 | 7.703 | 0.0 | 156.207 | 3.061 | 0.0 | 171.961 | 4.138 | 0.0 | 1.439 | 0.0 | 0.0 | 1.789 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.145 | 0.0 |
| 165 | 15863 | 15864 | NS | 1 | 0.0 | 25.705 | 5.893 | 0.0 | 24.547 | 6.578 | 0.0 | 177.335 | 2.141 | 0.0 | 26.13 | 2.824 | 0.0 | 1.449 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.142 | 0.0 |
| 166 | 15863 | 15864 | NS | 1 | 0.0 | 254.459 | 5.909 | 0.0 | 24.553 | 6.575 | 0.0 | 177.324 | 2.139 | 0.0 | 26.114 | 2.822 | 0.0 | 1.448 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.141 | 0.0 |
| 167 | 15863 | 15864 | SN | 1 | 0.0 | 22.088 | 6.007 | 0.0 | 267.833 | 7.735 | 0.0 | 156.207 | 3.021 | 0.0 | 171.961 | 4.297 | 0.0 | 1.439 | 0.0 | 0.0 | 1.789 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.145 | 0.0 |
| 168 | 15863 | 15864 | SN | 1 | 0.0 | 22.088 | 6.007 | 0.0 | 267.833 | 7.735 | 0.0 | 156.207 | 3.019 | 0.0 | 171.961 | 4.3 | 0.0 | 1.439 | 0.0 | 0.0 | 1.789 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.145 | 0.0 |
| 169 | 15864 | 15865 | SN | 1 | 0.0 | 29.511 | 13.335 | 0.0 | 27.393 | 13.079 | 0.0 | 185.453 | 10.998 | 0.0 | 113.777 | 13.999 | 0.0 | 1.457 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.143 | 0.0 |
| 170 | 15864 | 15865 | SN | 1 | 0.0 | 29.511 | 13.39 | 0.0 | 25.926 | 12.666 | 0.0 | 185.453 | 11.206 | 0.0 | 113.777 | 13.405 | 0.0 | 1.457 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.143 | 0.0 |
| 171 | 15864 | 15865 | NS | 1 | 0.0 | 92.594 | 10.138 | 0.0 | 30.31 | 14.04 | 0.0 | 325.46 | 9.419 | 0.0 | 37.11 | 11.977 | 0.0 | 1.418 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.141 | 0.0 |
| 172 | 15864 | 15865 | SN | 1 | 0.0 | 22.082 | 6.02 | 0.0 | 26.505 | 7.735 | 0.0 | 171.687 | 3.019 | 0.0 | 69.125 | 4.291 | 0.0 | 1.44 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.144 | 0.0 |
| 173 | 15864 | 15865 | SN | 1 | 0.0 | 22.082 | 6.064 | 0.0 | 24.249 | 7.684 | 0.0 | 171.687 | 3.082 | 0.0 | 41.31 | 4.125 | 0.0 | 1.44 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.144 | 0.0 |
| 174 | 15864 | 15865 | NS | 1 | 0.0 | 201.441 | 5.942 | 0.0 | 24.553 | 6.555 | 0.0 | 308.893 | 2.139 | 0.0 | 53.484 | 2.837 | 0.0 | 1.447 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.142 | 0.0 |
| 175 | 15864 | 15865 | SN | 1 | 0.0 | 22.082 | 6.022 | 0.0 | 26.505 | 7.731 | 0.0 | 171.687 | 3.019 | 0.0 | 69.191 | 4.295 | 0.0 | 1.44 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.144 | 0.0 |
| 176 | 15864 | 15865 | NS | 1 | 0.0 | 42.557 | 10.158 | 0.0 | 30.31 | 14.062 | 0.0 | 325.41 | 9.433 | 0.0 | 37.094 | 11.948 | 0.0 | 1.416 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.14 | 0.0 |
| 177 | 15864 | 15865 | NS | 1 | 0.0 | 25.705 | 5.922 | 0.0 | 24.547 | 6.564 | 0.0 | 308.992 | 2.143 | 0.0 | 53.529 | 2.849 | 0.0 | 1.448 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.142 | 0.0 |
| 178 | 15864 | 15865 | SN | 1 | 0.0 | 29.511 | 13.335 | 0.0 | 27.399 | 13.089 | 0.0 | 185.453 | 10.998 | 0.0 | 113.777 | 13.999 | 0.0 | 1.457 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.143 | 0.0 |
| 179 | 15865 | 15866 | SN | 1 | 0.0 | 29.742 | 13.321 | 0.0 | 25.794 | 12.665 | 0.0 | 208.208 | 11.228 | 0.0 | 14.697 | 13.213 | 0.0 | 1.456 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.144 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 15865 | 15866 | SN | 1 | 0.0 | 29.742 | 13.248 | 0.0 | 27.387 | 13.127 | 0.0 | 208.208 | 10.932 | 0.0 | 63.274 | 13.925 | 0.0 | 1.456 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.144 | 0.0 |
| 181 | 15865 | 15866 | SN | 1 | 0.0 | 22.11 | 6.03 | 0.0 | 26.513 | 7.704 | 0.0 | 179.772 | 3.014 | 0.0 | 66.301 | 4.265 | 0.0 | 1.44 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.146 | 0.0 |
| 182 | 15865 | 15866 | NS | 1 | 0.711 | 125.469 | 10.177 | 0.0 | 30.112 | 14.148 | 0.0 | 340.675 | 9.528 | 0.0 | 39.741 | 11.965 | 0.001 | 1.425 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.139 | 0.0 |
| 183 | 15865 | 15866 | SN | 1 | 0.0 | 22.11 | 6.09 | 0.0 | 24.277 | 7.63 | 0.0 | 179.772 | 3.108 | 0.0 | 14.24 | 4.078 | 0.0 | 1.44 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.146 | 0.0 |
| 184 | 15865 | 15866 | SN | 1 | 0.0 | 29.742 | 13.248 | 0.0 | 27.387 | 13.127 | 0.0 | 208.208 | 10.932 | 0.0 | 63.274 | 13.925 | 0.0 | 1.456 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.144 | 0.0 |
| 185 | 15865 | 15866 | NS | 1 | 0.0 | 254.264 | 5.984 | 0.0 | 24.547 | 6.568 | 0.0 | 333.037 | 2.128 | 0.0 | 42.956 | 2.841 | 0.0 | 1.448 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.142 | 0.0 |
| 186 | 15865 | 15866 | NS | 1 | 0.0 | 154.288 | 5.984 | 0.0 | 24.547 | 6.565 | 0.0 | 333.098 | 2.132 | 0.0 | 42.995 | 2.853 | 0.0 | 1.448 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.142 | 0.0 |
| 187 | 15865 | 15866 | SN | 1 | 0.0 | 22.11 | 6.03 | 0.0 | 26.513 | 7.709 | 0.0 | 179.772 | 3.015 | 0.0 | 66.301 | 4.27 | 0.0 | 1.44 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.146 | 0.0 |
| 188 | 15865 | 15866 | NS | 1 | 0.711 | 194.495 | 10.177 | 0.0 | 30.106 | 14.098 | 0.0 | 340.642 | 9.514 | 0.0 | 38.715 | 11.993 | 0.001 | 1.425 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.139 | 0.0 |
| 189 | 15866 | 15867 | SN | 1 | 0.0 | 22.115 | 6.032 | 0.0 | 161.636 | 7.707 | 0.0 | 150.686 | 2.968 | 0.0 | 194.696 | 4.249 | 0.0 | 1.44 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.145 | 0.0 |
| 190 | 15866 | 15867 | SN | 1 | 0.0 | 29.897 | 13.222 | 0.0 | 125.193 | 12.575 | 0.0 | 153.003 | 10.986 | 0.0 | 122.626 | 13.14 | 0.0 | 1.457 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.143 | 0.0 |
| 191 | 15866 | 15867 | SN | 1 | 0.0 | 22.115 | 6.055 | 0.0 | 161.636 | 7.555 | 0.0 | 150.686 | 3.023 | 0.0 | 194.696 | 4.002 | 0.0 | 1.44 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.145 | 0.0 |
| 192 | 15866 | 15867 | SN | 1 | 0.0 | 29.897 | 13.369 | 0.0 | 125.193 | 12.57 | 0.0 | 153.003 | 11.278 | 0.0 | 122.626 | 13.067 | 0.0 | 1.457 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.143 | 0.0 |
| 193 | 15866 | 15867 | NS | 1 | 0.0 | 252.752 | 5.963 | 0.0 | 24.547 | 6.568 | 0.0 | 323.524 | 2.139 | 0.0 | 44.357 | 2.869 | 0.0 | 1.449 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.143 | 0.0 |
| 194 | 15866 | 15867 | NS | 1 | 0.0 | 252.747 | 5.986 | 0.0 | 24.547 | 6.559 | 0.0 | 323.408 | 2.133 | 0.0 | 44.296 | 2.869 | 0.0 | 1.448 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.143 | 0.0 |
| 195 | 15866 | 15867 | SN | 1 | 0.0 | 22.115 | 6.122 | 0.0 | 161.636 | 7.632 | 0.0 | 150.686 | 3.103 | 0.0 | 194.696 | 4.075 | 0.0 | 1.44 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.145 | 0.0 |
| 196 | 15866 | 15867 | SN | 1 | 0.0 | 29.897 | 13.269 | 0.0 | 125.193 | 13.157 | 0.0 | 153.003 | 10.888 | 0.0 | 122.626 | 13.968 | 0.0 | 1.457 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.143 | 0.0 |
| 197 | 15866 | 15867 | NS | 1 | 0.711 | 255.667 | 10.167 | 0.0 | 30.162 | 14.149 | 0.0 | 163.274 | 9.5 | 0.0 | 39.907 | 12.066 | 0.001 | 1.424 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.139 | 0.0 |
| 198 | 15866 | 15867 | NS | 1 | 0.711 | 255.673 | 10.136 | 0.0 | 30.162 | 14.097 | 0.0 | 131.729 | 9.493 | 0.0 | 39.94 | 12.045 | 0.001 | 1.425 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.139 | 0.0 |
| 199 | 15867 | 15868 | SN | 1 | 0.0 | 23.395 | 6.004 | 0.0 | 25.962 | 7.674 | 0.0 | 157.012 | 2.867 | 0.0 | 57.378 | 4.183 | 0.0 | 1.44 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.145 | 0.0 |
| 200 | 15867 | 15868 | NS | 1 | 0.0 | 236.894 | 8.917 | 0.0 | 30.222 | 17.743 | 0.0 | 215.137 | 8.016 | 0.0 | 35.649 | 16.509 | 0.0 | 1.412 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.128 | 0.0 |
| 201 | 15867 | 15868 | SN | 1 | 0.0 | 23.395 | 6.004 | 0.0 | 25.962 | 7.674 | 0.0 | 157.012 | 2.867 | 0.0 | 57.378 | 4.185 | 0.0 | 1.44 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.145 | 0.0 |
| 202 | 15867 | 15868 | SN | 1 | 0.0 | 29.798 | 13.413 | 0.0 | 68.797 | 12.426 | 0.0 | 156.819 | 11.254 | 0.0 | 200.208 | 13.025 | 0.0 | 1.458 | 0.0 | 0.0 | 1.789 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.144 | 0.0 |
| 203 | 15867 | 15868 | NS | 1 | 1.566 | 236.889 | 10.167 | 0.0 | 30.217 | 14.114 | 0.0 | 355.075 | 9.533 | 0.0 | 35.621 | 12.034 | 0.123 | 1.426 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.144 | 0.0 |
| 204 | 15867 | 15868 | NS | 1 | 0.0 | 266.898 | 5.484 | 0.0 | 24.575 | 7.907 | 0.0 | 257.912 | 1.749 | 0.0 | 27.189 | 4.074 | 0.0 | 1.45 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.128 | 0.0 |
| 205 | 15867 | 15868 | SN | 1 | 0.0 | 23.395 | 6.117 | 0.0 | 24.266 | 7.607 | 0.0 | 157.012 | 3.029 | 0.0 | 14.201 | 3.996 | 0.0 | 1.44 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.145 | 0.0 |
| 206 | 15867 | 15868 | SN | 1 | 0.0 | 29.798 | 13.286 | 0.0 | 68.797 | 13.13 | 0.0 | 156.819 | 10.817 | 0.0 | 200.208 | 13.985 | 0.0 | 1.458 | 0.0 | 0.0 | 1.789 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.144 | 0.0 |
| 207 | 15867 | 15868 | SN | 1 | 0.0 | 29.798 | 13.286 | 0.0 | 68.797 | 13.13 | 0.0 | 156.819 | 10.817 | 0.0 | 200.208 | 13.985 | 0.0 | 1.458 | 0.0 | 0.0 | 1.789 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.144 | 0.0 |
| 208 | 15867 | 15868 | NS | 1 | 0.0 | 266.898 | 5.966 | 0.0 | 24.564 | 6.57 | 0.0 | 353.167 | 2.127 | 0.0 | 27.156 | 2.881 | 0.0 | 1.449 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.141 | 0.0 |
| 209 | 15868 | 15869 | SN | 1 | 0.0 | 22.099 | 6.008 | 0.0 | 26.012 | 7.638 | 0.0 | 139.855 | 2.879 | 0.0 | 124.562 | 4.244 | 0.0 | 1.441 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.145 | 0.0 |
| 210 | 15868 | 15869 | NS | 1 | 0.0 | 203.203 | 5.978 | 0.0 | 24.569 | 6.578 | 0.0 | 353.581 | 2.128 | 0.0 | 44.848 | 2.848 | 0.0 | 1.452 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.142 | 0.0 |
| 211 | 15868 | 15869 | SN | 1 | 0.0 | 29.82 | 13.235 | 0.0 | 27.349 | 13.118 | 0.0 | 153.615 | 10.803 | 0.0 | 57.555 | 13.999 | 0.0 | 1.459 | 0.0 | 0.0 | 1.789 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.144 | 0.0 |
| 212 | 15868 | 15869 | NS | 1 | 1.561 | 270.922 | 10.187 | 0.0 | 30.272 | 14.064 | 0.0 | 355.406 | 9.513 | 0.0 | 36.382 | 12.041 | 0.123 | 1.424 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.141 | 0.0 |
| 213 | 15869 | 15870 | SN | 1 | 0.722 | 29.489 | 13.244 | 0.0 | 27.393 | 13.15 | 0.0 | 144.879 | 10.814 | 0.0 | 122.044 | 13.999 | 0.107 | 1.459 | 0.0 | 0.0 | 1.79 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.142 | 0.0 |
| 214 | 15869 | 15870 | SN | 1 | 0.0 | 22.093 | 6.011 | 0.0 | 25.766 | 7.692 | 0.0 | 128.384 | 2.908 | 0.0 | 254.184 | 4.249 | 0.0 | 1.441 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.145 | 0.0 |
| 215 | 15869 | 15870 | NS | 1 | 0.0 | 25.777 | 10.149 | 0.0 | 30.338 | 14.118 | 0.0 | 355.29 | 9.404 | 0.0 | 71.916 | 12.045 | 0.0 | 1.422 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.143 | 0.0 |
| 216 | 15869 | 15870 | NS | 1 | 0.0 | 25.512 | 5.969 | 0.0 | 24.558 | 6.554 | 0.0 | 206.666 | 2.127 | 0.0 | 65.954 | 2.863 | 0.0 | 1.45 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.142 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 217 | 15870 | 15871 | SN | 1 | 0.728 | 29.456 | 13.295 | 0.0 | 27.399 | 13.104 | 0.0 | 154.745 | 10.842 | 0.0 | 243.225 | 14.006 | 0.101 | 1.46 | 0.0 | 0.0 | 1.79 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.138 | 0.0 |
| 218 | 15870 | 15871 | SN | 1 | 0.0 | 23.373 | 6.02 | 0.0 | 26.522 | 7.699 | 0.0 | 156.731 | 2.959 | 0.0 | 274.986 | 4.262 | 0.0 | 1.443 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.144 | 0.0 |
| 219 | 15870 | 15871 | SN | 1 | 0.0 | 23.373 | 6.016 | 0.0 | 54.05 | 7.697 | 0.0 | 156.841 | 2.964 | 0.0 | 195.377 | 4.275 | 0.0 | 1.442 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.144 | 0.0 |
| 220 | 15870 | 15871 | SN | 1 | 0.728 | 29.456 | 13.295 | 0.0 | 27.399 | 13.104 | 0.0 | 154.745 | 10.842 | 0.0 | 243.225 | 14.006 | 0.101 | 1.46 | 0.0 | 0.0 | 1.79 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.138 | 0.0 |
| 221 | 15870 | 15871 | NS | 1 | 0.0 | 158.043 | 5.998 | 0.0 | 24.558 | 6.58 | 0.0 | 310.773 | 2.142 | 0.0 | 18.448 | 2.843 | 0.0 | 1.45 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.143 | 0.0 |
| 222 | 15870 | 15871 | NS | 1 | 0.0 | 68.265 | 10.136 | 0.0 | 29.82 | 14.092 | 0.0 | 355.687 | 9.549 | 0.0 | 24.713 | 11.935 | 0.0 | 1.426 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.139 | 0.0 |
| 223 | 15870 | 15871 | NS | 1 | 0.711 | 68.265 | 10.125 | 0.0 | 30.184 | 14.165 | 0.0 | 355.687 | 9.499 | 0.0 | 79.703 | 12.05 | 0.001 | 1.426 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.139 | 0.0 |
| 224 | 15870 | 15871 | NS | 1 | 0.711 | 68.265 | 10.125 | 0.0 | 30.184 | 14.165 | 0.0 | 355.687 | 9.499 | 0.0 | 79.703 | 12.05 | 0.001 | 1.426 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.139 | 0.0 |
| 225 | 15870 | 15871 | SN | 1 | 0.728 | 29.461 | 13.295 | 0.0 | 27.393 | 13.104 | 0.0 | 154.806 | 10.842 | 0.0 | 239.894 | 14.035 | 0.101 | 1.46 | 0.0 | 0.0 | 1.79 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.138 | 0.0 |
| 226 | 15870 | 15871 | NS | 1 | 0.0 | 158.043 | 5.974 | 0.0 | 24.558 | 6.573 | 0.0 | 310.773 | 2.132 | 0.0 | 64.476 | 2.876 | 0.0 | 1.45 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.143 | 0.0 |
| 227 | 15870 | 15871 | NS | 1 | 0.0 | 158.043 | 5.974 | 0.0 | 24.558 | 6.573 | 0.0 | 310.773 | 2.132 | 0.0 | 64.476 | 2.876 | 0.0 | 1.45 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.143 | 0.0 |
| 228 | 15870 | 15871 | SN | 1 | 0.0 | 23.373 | 6.02 | 0.0 | 26.522 | 7.699 | 0.0 | 156.731 | 2.959 | 0.0 | 274.986 | 4.262 | 0.0 | 1.443 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.144 | 0.0 |
| 229 | 15871 | 15872 | SN | 1 | 0.0 | 23.384 | 6.029 | 0.0 | 26.563 | 7.714 | 0.0 | 164.137 | 2.952 | 0.0 | 156.08 | 4.256 | 0.0 | 1.442 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.146 | 0.0 |
| 230 | 15871 | 15872 | SN | 1 | 0.0 | 29.698 | 13.269 | 0.0 | 26.764 | 13.168 | 0.0 | 162.753 | 10.846 | 0.0 | 63.72 | 13.933 | 0.0 | 1.46 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.146 | 0.0 |
| 231 | 15871 | 15872 | SN | 1 | 0.0 | 29.698 | 13.269 | 0.0 | 26.764 | 13.168 | 0.0 | 162.753 | 10.846 | 0.0 | 63.72 | 13.933 | 0.0 | 1.46 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.146 | 0.0 |
| 232 | 15871 | 15872 | NS | 1 | 0.0 | 26.05 | 6.181 | 0.0 | 24.569 | 6.626 | 0.0 | 351.49 | 2.234 | 0.0 | 12.822 | 2.807 | 0.0 | 1.453 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.143 | 0.0 |
| 233 | 15871 | 15872 | NS | 1 | 0.0 | 26.05 | 6.129 | 0.0 | 24.569 | 6.613 | 0.0 | 351.49 | 2.202 | 0.0 | 12.822 | 2.792 | 0.0 | 1.453 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.143 | 0.0 |
| 234 | 15871 | 15872 | NS | 1 | 0.711 | 26.036 | 10.126 | 0.0 | 30.117 | 14.139 | 0.0 | 353.007 | 9.492 | 0.0 | 39.046 | 12.081 | 0.001 | 1.427 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.142 | 0.0 |
| 235 | 15871 | 15872 | NS | 1 | 0.711 | 26.036 | 10.126 | 0.0 | 30.117 | 14.14 | 0.0 | 353.007 | 9.492 | 0.0 | 39.052 | 12.081 | 0.001 | 1.427 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.142 | 0.0 |
| 236 | 15871 | 15872 | NS | 1 | 0.0 | 26.05 | 5.99 | 0.0 | 24.569 | 6.6 | 0.0 | 351.49 | 2.133 | 0.0 | 43.866 | 2.867 | 0.0 | 1.453 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.143 | 0.0 |
| 237 | 15871 | 15872 | NS | 1 | 0.0 | 26.05 | 5.99 | 0.0 | 24.569 | 6.6 | 0.0 | 351.49 | 2.133 | 0.0 | 43.855 | 2.867 | 0.0 | 1.453 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.143 | 0.0 |
| 238 | 15871 | 15872 | SN | 1 | 0.0 | 23.384 | 6.029 | 0.0 | 26.563 | 7.714 | 0.0 | 164.137 | 2.952 | 0.0 | 156.08 | 4.258 | 0.0 | 1.442 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.146 | 0.0 |
| 239 | 15871 | 15872 | NS | 1 | 0.0 | 26.036 | 10.176 | 0.0 | 29.82 | 13.79 | 0.0 | 353.007 | 9.751 | 0.0 | 14.372 | 11.634 | 0.0 | 1.427 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.142 | 0.0 |
| 240 | 15871 | 15872 | NS | 1 | 0.0 | 26.036 | 10.209 | 0.0 | 29.82 | 13.68 | 0.0 | 353.007 | 9.89 | 0.0 | 13.534 | 11.553 | 0.0 | 1.427 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.142 | 0.0 |
| 241 | 15872 | 15873 | NS | 1 | 0.0 | 27.079 | 10.35 | 0.0 | 29.82 | 13.57 | 0.0 | 355.809 | 10.154 | 0.0 | 13.545 | 11.545 | 0.0 | 1.43 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.143 | 0.0 |
| 242 | 15872 | 15873 | NS | 1 | 0.0 | 25.512 | 5.965 | 0.0 | 24.569 | 6.605 | 0.0 | 357.959 | 2.152 | 0.0 | 51.852 | 2.867 | 0.0 | 1.45 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.142 | 0.0 |
| 243 | 15872 | 15873 | SN | 1 | 0.0 | 22.104 | 6.016 | 0.0 | 230.844 | 7.698 | 0.0 | 148.089 | 2.938 | 0.0 | 64.548 | 4.254 | 0.0 | 1.442 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.145 | 0.0 |
| 244 | 15872 | 15873 | NS | 1 | 0.0 | 25.512 | 6.224 | 0.0 | 24.569 | 6.702 | 0.0 | 357.959 | 2.31 | 0.0 | 12.828 | 2.877 | 0.0 | 1.45 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.142 | 0.0 |
| 245 | 15872 | 15873 | SN | 1 | 0.0 | 29.864 | 13.249 | 0.0 | 68.775 | 13.166 | 0.0 | 141.476 | 10.868 | 0.0 | 73.719 | 13.905 | 0.0 | 1.459 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.147 | 0.0 |
| 246 | 15872 | 15873 | NS | 1 | 0.0 | 27.079 | 10.213 | 0.0 | 30.189 | 14.178 | 0.0 | 355.809 | 9.547 | 0.0 | 73.796 | 12.098 | 0.0 | 1.43 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.143 | 0.0 |
| 247 | 15873 | 15874 | SN | 1 | 0.0 | 29.715 | 13.378 | 0.0 | 230.039 | 12.435 | 0.0 | 154.751 | 11.33 | 0.0 | 14.686 | 13.043 | 0.0 | 1.463 | 0.0 | 0.0 | 1.79 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.146 | 0.0 |
| 248 | 15873 | 15874 | SN | 1 | 0.0 | 23.362 | 6.006 | 0.0 | 69.39 | 7.699 | 0.0 | 154.558 | 2.912 | 0.0 | 60.792 | 4.247 | 0.0 | 1.444 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.145 | 0.0 |
| 249 | 15873 | 15874 | NS | 1 | 0.0 | 270.139 | 10.176 | 0.0 | 30.233 | 14.091 | 0.0 | 355.081 | 9.541 | 0.0 | 35.555 | 12.018 | 0.0 | 1.418 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.145 | 0.0 |
| 250 | 15873 | 15874 | SN | 1 | 0.0 | 23.362 | 6.006 | 0.0 | 69.39 | 7.699 | 0.0 | 154.558 | 2.911 | 0.0 | 60.792 | 4.247 | 0.0 | 1.444 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.145 | 0.0 |
| 251 | 15873 | 15874 | SN | 1 | 0.0 | 23.362 | 6.106 | 0.0 | 69.39 | 7.636 | 0.0 | 154.558 | 3.069 | 0.0 | 14.201 | 4.068 | 0.0 | 1.444 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.145 | 0.0 |
| 252 | 15873 | 15874 | SN | 1 | 0.0 | 29.715 | 13.256 | 0.0 | 230.039 | 13.118 | 0.0 | 154.751 | 10.888 | 0.0 | 61.167 | 13.985 | 0.0 | 1.463 | 0.0 | 0.0 | 1.79 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.146 | 0.0 |
| 253 | 15873 | 15874 | NS | 1 | 0.0 | 140.691 | 5.971 | 0.0 | 24.569 | 6.614 | 0.0 | 353.239 | 2.138 | 0.0 | 27.443 | 2.862 | 0.0 | 1.449 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.142 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 254 | 15873 | 15874 | SN | 1 | 0.0 | 29.715 | 13.256 | 0.0 | 230.039 | 13.118 | 0.0 | 154.751 | 10.888 | 0.0 | 61.167 | 13.985 | 0.0 | 1.463 | 0.0 | 0.0 | 1.79 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.146 | 0.0 |
| 255 | 15874 | 15875 | NS | 1 | 0.0 | 205.668 | 10.21 | 0.0 | 105.143 | 14.108 | 0.0 | 177.437 | 9.437 | 0.0 | 86.525 | 12.16 | 0.0 | 1.422 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.142 | 0.0 |
| 256 | 15874 | 15875 | NS | 1 | 0.0 | 239.1 | 10.225 | 0.0 | 105.143 | 14.093 | 0.0 | 355.224 | 9.52 | 0.0 | 86.541 | 12.09 | 0.0 | 1.423 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.145 | 0.0 |
| 257 | 15874 | 15875 | NS | 1 | 0.0 | 205.668 | 5.966 | 0.0 | 105.149 | 6.618 | 0.0 | 151.45 | 2.147 | 0.0 | 86.541 | 2.885 | 0.0 | 1.453 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.142 | 0.0 |
| 258 | 15874 | 15875 | NS | 1 | 0.0 | 25.672 | 5.972 | 0.0 | 105.132 | 6.62 | 0.0 | 130.036 | 2.149 | 0.0 | 86.541 | 2.899 | 0.0 | 1.453 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.143 | 0.0 |

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

Normal
Alarming
Deviations
High Errors