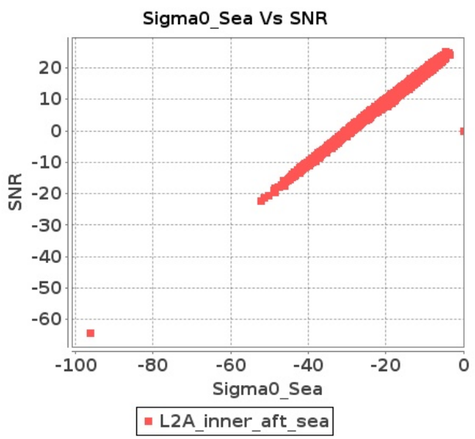
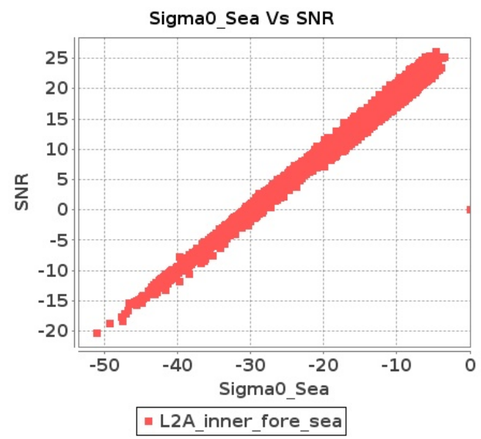
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 27-AUG-2019 To 28-AUG-2019

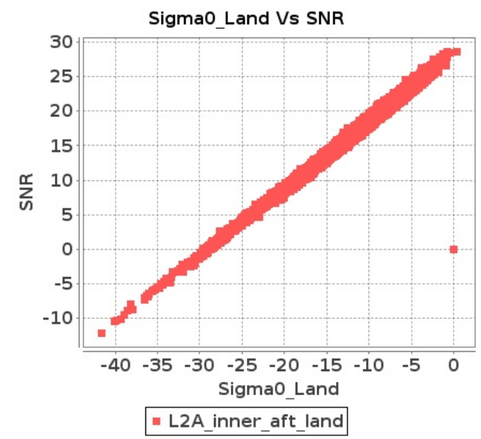
## Inner Sea Aft Sigma0VsSNR



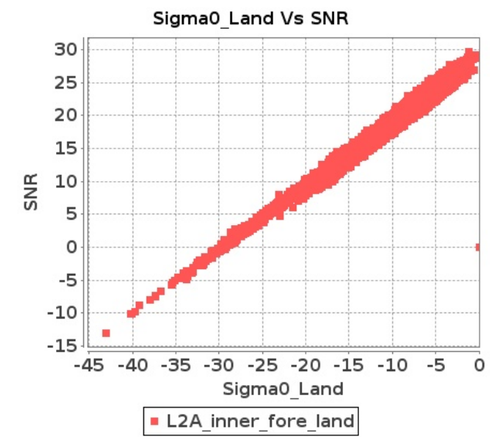

## Inner Sea Fore Sigma0VsSNR



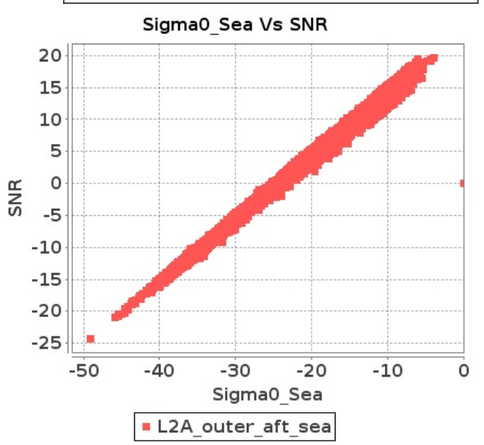

## Inner Land Aft Sigma0VsSNR



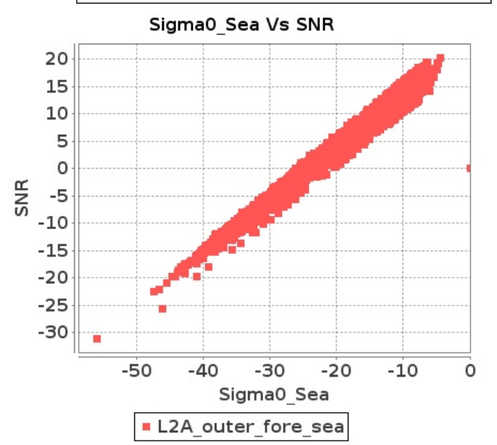

## Inner Land Fore Sigma0VsSNR



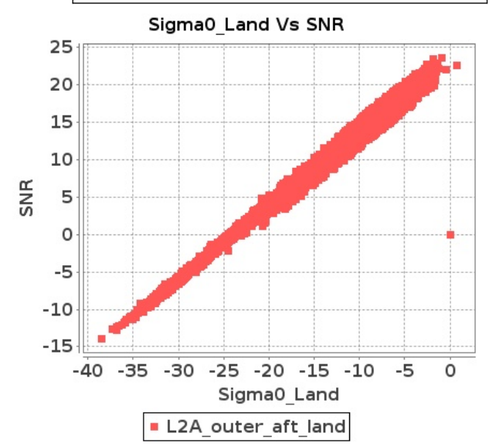

## Outer Sea Aft Sigma0VsSNR



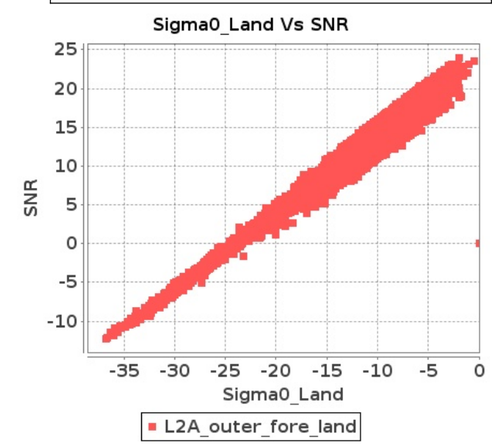

## Outer Sea Fore Sigma0VsSNR




## Outer Land Aft Sigma0VsSNR




## Outer Land Fore Sigma0VsSNR



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

Report between 27-AUG-2019 To 28-AUG-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 | 15439 | 15440 | SN | 1 | 0.0 | 44.651 | 1.602 | 0.0 | 41.169 | 1.993 | 0.0 | 39.95 | 1.346 | 0.0 | 41.43 | 1.688 | 0.0 | 43.665 | 1.621 | 0.0 | 40.981 | 1.903 | 0.0 | 39.973 | 1.335 | 0.0 | 40.444 | 1.544 |
| 2 | 15439 | 15440 | SN | 1 | 0.0 | 52.971 | 5.543 | 0.0 | 49.821 | 6.509 | 0.0 | 48.531 | 4.813 | 0.0 | 50.096 | 6.217 | 0.0 | 52.574 | 5.575 | 0.0 | 50.025 | 6.19 | 0.0 | 50.512 | 4.873 | 0.0 | 46.304 | 5.925 |
| 3 | 15439 | 15440 | SN | 1 | 0.0 | 52.691 | 5.543 | 0.0 | 51.357 | 6.277 | 0.0 | 48.531 | 4.929 | 0.0 | 50.096 | 6.021 | 0.0 | 51.556 | 5.563 | 0.0 | 50.025 | 5.963 | 0.0 | 50.512 | 5.015 | 0.0 | 46.304 | 5.701 |
| 4 | 15439 | 15440 | SN | 1 | 0.0 | 52.691 | 5.543 | 0.0 | 51.357 | 6.277 | 0.0 | 48.531 | 4.929 | 0.0 | 50.096 | 6.021 | 0.0 | 51.556 | 5.563 | 0.0 | 50.025 | 5.963 | 0.0 | 50.512 | 5.015 | 0.0 | 46.304 | 5.701 |
| 5 | 15439 | 15440 | SN | 1 | 0.0 | 51.999 | 1.594 | 0.0 | 41.169 | 1.893 | 0.0 | 41.559 | 1.377 | 0.0 | 41.43 | 1.681 | 0.0 | 51.48 | 1.601 | 0.0 | 40.973 | 1.814 | 0.0 | 39.976 | 1.393 | 0.0 | 40.444 | 1.535 |
| 6 | 15439 | 15440 | SN | 1 | 0.0 | 51.999 | 1.594 | 0.0 | 41.169 | 1.893 | 0.0 | 41.559 | 1.377 | 0.0 | 41.43 | 1.681 | 0.0 | 51.48 | 1.601 | 0.0 | 40.973 | 1.814 | 0.0 | 39.976 | 1.393 | 0.0 | 40.444 | 1.535 |
| 7 | 15440 | 15441 | NS | 1 | 0.0 | 50.389 | 4.915 | 0.0 | 51.158 | 6.057 | 0.0 | 47.618 | 4.595 | 0.0 | 50.522 | 5.035 | 0.0 | 50.299 | 4.915 | 0.0 | 49.676 | 5.814 | 0.0 | 49.008 | 4.325 | 0.0 | 50.286 | 4.616 |
| 8 | 15440 | 15441 | SN | 1 | 0.0 | 42.993 | 1.048 | 0.0 | 51.365 | 1.613 | 0.0 | 40.015 | 1.191 | 0.0 | 48.109 | 1.685 | 0.0 | 44.425 | 1.07 | 0.0 | 53.342 | 1.466 | 0.0 | 40.015 | 1.164 | 0.0 | 45.558 | 1.566 |
| 9 | 15440 | 15441 | SN | 1 | 0.0 | 52.156 | 3.698 | 0.0 | 55.195 | 4.649 | 0.0 | 51.251 | 4.051 | 0.0 | 48.147 | 4.959 | 0.0 | 53.489 | 3.698 | 0.0 | 56.664 | 4.283 | 0.0 | 51.056 | 3.938 | 0.0 | 44.464 | 4.674 |
| 10 | 15440 | 15441 | SN | 1 | 0.0 | 42.993 | 1.044 | 0.0 | 51.365 | 1.608 | 0.0 | 39.865 | 1.201 | 0.0 | 48.109 | 1.679 | 0.0 | 44.425 | 1.069 | 0.0 | 53.342 | 1.459 | 0.0 | 40.015 | 1.176 | 0.0 | 45.558 | 1.571 |
| 11 | 15440 | 15441 | SN | 1 | 0.0 | 52.156 | 3.709 | 0.0 | 55.195 | 4.657 | 0.0 | 51.251 | 4.024 | 0.0 | 48.147 | 4.922 | 0.0 | 53.489 | 3.729 | 0.0 | 56.664 | 4.297 | 0.0 | 51.056 | 3.908 | 0.0 | 44.464 | 4.648 |
| 12 | 15440 | 15441 | NS | 1 | 0.0 | 48.983 | 1.254 | 0.0 | 46.721 | 1.709 | 0.0 | 42.394 | 1.31 | 0.0 | 49.351 | 1.677 | 0.0 | 49.838 | 1.238 | 0.0 | 49.027 | 1.605 | 0.0 | 41.998 | 1.244 | 0.0 | 50.467 | 1.509 |
| 13 | 15441 | 15442 | SN | 1 | 0.0 | 44.54 | 4.808 | 0.0 | 45.056 | 5.447 | 0.0 | 43.514 | 4.466 | 0.0 | 45.454 | 5.886 | 0.0 | 45.16 | 4.959 | 0.0 | 47.247 | 5.457 | 0.0 | 44.971 | 4.487 | 0.0 | 44.898 | 5.63 |
| 14 | 15441 | 15442 | SN | 1 | 0.0 | 44.54 | 4.852 | 0.0 | 45.056 | 5.455 | 0.0 | 43.63 | 4.43 | 0.0 | 45.59 | 5.898 | 0.0 | 45.16 | 5.016 | 0.0 | 47.247 | 5.486 | 0.0 | 44.971 | 4.451 | 0.0 | 45.034 | 5.652 |
| 15 | 15441 | 15442 | SN | 1 | 0.0 | 44.54 | 4.852 | 0.0 | 45.056 | 5.455 | 0.0 | 43.63 | 4.43 | 0.0 | 45.59 | 5.898 | 0.0 | 45.16 | 5.016 | 0.0 | 47.247 | 5.486 | 0.0 | 44.971 | 4.451 | 0.0 | 45.034 | 5.652 |
| 16 | 15441 | 15442 | NS | 1 | 0.0 | 44.868 | 2.198 | 0.0 | 55.386 | 2.558 | 0.0 | 42.213 | 2.382 | 0.0 | 40.129 | 3.409 | 0.0 | 44.717 | 2.127 | 0.0 | 52.739 | 2.265 | 0.0 | 42.72 | 2.176 | 0.0 | 42.526 | 2.933 |
| 17 | 15441 | 15442 | NS | 1 | 0.0 | 44.942 | 2.208 | 0.0 | 51.899 | 2.589 | 0.0 | 42.213 | 2.332 | 0.0 | 38.301 | 3.416 | 0.0 | 44.789 | 2.138 | 0.0 | 49.252 | 2.275 | 0.0 | 42.72 | 2.161 | 0.0 | 38.533 | 2.955 |
| 18 | 15441 | 15442 | NS | 1 | 0.0 | 42.052 | 0.576 | 0.0 | 40.091 | 0.849 | 0.0 | 41.953 | 0.775 | 0.0 | 47.877 | 1.131 | 0.0 | 41.021 | 0.567 | 0.0 | 38.326 | 0.779 | 0.0 | 40.068 | 0.681 | 0.0 | 46.789 | 0.917 |
| 19 | 15441 | 15442 | NS | 1 | 0.0 | 42.221 | 0.569 | 0.0 | 37.73 | 0.865 | 0.0 | 41.955 | 0.802 | 0.0 | 39.3 | 1.105 | 0.0 | 40.732 | 0.556 | 0.0 | 38.041 | 0.786 | 0.0 | 39.644 | 0.708 | 0.0 | 37.004 | 0.915 |
| 20 | 15441 | 15442 | SN | 1 | 0.0 | 41.729 | 1.437 | 0.0 | 44.082 | 1.695 | 0.0 | 37.349 | 1.493 | 0.0 | 41.112 | 1.976 | 0.0 | 41.513 | 1.433 | 0.0 | 45.074 | 1.622 | 0.0 | 36.698 | 1.523 | 0.0 | 37.015 | 1.767 |
| 21 | 15441 | 15442 | SN | 1 | 0.0 | 41.729 | 1.44 | 0.0 | 44.082 | 1.698 | 0.0 | 37.349 | 1.469 | 0.0 | 41.112 | 1.988 | 0.0 | 41.513 | 1.431 | 0.0 | 45.074 | 1.634 | 0.0 | 36.698 | 1.496 | 0.0 | 37.015 | 1.787 |
| 22 | 15441 | 15442 | SN | 1 | 0.0 | 41.729 | 1.44 | 0.0 | 44.082 | 1.698 | 0.0 | 37.349 | 1.469 | 0.0 | 41.112 | 1.988 | 0.0 | 41.513 | 1.431 | 0.0 | 45.074 | 1.634 | 0.0 | 36.698 | 1.496 | 0.0 | 37.015 | 1.787 |
| 23 | 15442 | 15443 | SN | 1 | 0.0 | 38.958 | 1.635 | 0.0 | 41.373 | 2.318 | 0.0 | 40.1 | 2.003 | 0.0 | 38.485 | 2.693 | 0.0 | 37.918 | 1.617 | 0.0 | 40.358 | 2.132 | 0.0 | 37.575 | 1.948 | 0.0 | 38.738 | 2.562 |
| 24 | 15442 | 15443 | SN | 1 | 0.0 | 47.528 | 5.893 | 0.0 | 46.056 | 7.804 | 0.0 | 44.031 | 6.13 | 0.0 | 38.995 | 8.041 | 0.0 | 48.36 | 5.873 | 0.0 | 47.935 | 7.258 | 0.0 | 42.06 | 6.231 | 0.0 | 37.458 | 7.758 |
| 25 | 15442 | 15443 | NS | 1 | 0.0 | 48.924 | 0.99 | 0.0 | 48.774 | 1.53 | 0.0 | 37.999 | 1.132 | 0.0 | 44.716 | 1.545 | 0.0 | 50.397 | 0.981 | 0.0 | 50.051 | 1.476 | 0.0 | 37.052 | 1.093 | 0.0 | 48.857 | 1.4 |
| 26 | 15442 | 15443 | NS | 1 | 0.0 | 56.702 | 3.08 | 0.0 | 54.813 | 4.032 | 0.0 | 43.579 | 3.755 | 0.0 | 46.141 | 4.699 | 0.0 | 58.39 | 3.161 | 0.0 | 56.704 | 3.871 | 0.0 | 43.835 | 3.698 | 0.0 | 47.396 | 4.131 |
| 27 | 15442 | 15443 | SN | 1 | 0.0 | 47.658 | 6.02 | 0.0 | 46.056 | 7.828 | 0.0 | 42.805 | 6.067 | 0.0 | 38.89 | 8.089 | 0.0 | 48.49 | 5.989 | 0.0 | 47.935 | 7.382 | 0.0 | 42.964 | 6.188 | 0.0 | 38.305 | 7.825 |
| 28 | 15442 | 15443 | SN | 1 | 0.0 | 51.189 | 5.979 | 0.0 | 47.515 | 7.939 | 0.0 | 40.041 | 6.067 | 0.0 | 39.834 | 8.053 | 0.0 | 52.02 | 6.02 | 0.0 | 46.123 | 7.433 | 0.0 | 43.654 | 6.252 | 0.0 | 39.296 | 7.711 |
| 29 | 15442 | 15443 | SN | 1 | 0.0 | 37.993 | 1.654 | 0.0 | 40.785 | 2.281 | 0.0 | 40.1 | 2.011 | 0.0 | 38.878 | 2.687 | 0.0 | 37.932 | 1.649 | 0.0 | 42.887 | 2.099 | 0.0 | 38.644 | 1.989 | 0.0 | 38.282 | 2.551 |
| 30 | 15442 | 15443 | SN | 1 | 0.0 | 37.346 | 1.66 | 0.0 | 40.988 | 2.302 | 0.0 | 36.135 | 2.022 | 0.0 | 37.764 | 2.72 | 0.0 | 37.628 | 1.624 | 0.0 | 38.707 | 2.13 | 0.0 | 36.017 | 1.933 | 0.0 | 36.852 | 2.553 |
| 31 | 15443 | 15444 | NS | 1 | 0.0 | 52.527 | 2.776 | 0.0 | 51.879 | 4.085 | 0.0 | 44.076 | 2.731 | 0.0 | 45.36 | 3.336 | 0.0 | 53.771 | 2.817 | 0.0 | 52.549 | 3.812 | 0.0 | 44.057 | 2.667 | 0.0 | 42.316 | 3.01 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 15443 | 15444 | NS | 1 | 0.0 | 45.559 | 0.77 | 0.0 | 48.514 | 1.226 | 0.0 | 40.474 | 0.696 | 0.0 | 39.294 | 1.001 | 0.0 | 45.675 | 0.775 | 0.0 | 51.195 | 1.133 | 0.0 | 40.793 | 0.642 | 0.0 | 38.722 | 0.874 |
| 33 | 15443 | 15444 | SN | 1 | 0.0 | 45.019 | 5.082 | 0.0 | 42.741 | 6.366 | 0.0 | 39.589 | 5.325 | 0.0 | 44.201 | 6.975 | 0.0 | 45.967 | 5.176 | 0.0 | 42.537 | 6.137 | 0.0 | 40.427 | 5.398 | 0.0 | 45.925 | 6.778 |
| 34 | 15443 | 15444 | SN | 1 | 0.0 | 42.202 | 5.253 | 0.0 | 43.91 | 6.371 | 0.0 | 41.627 | 5.372 | 0.0 | 44.495 | 6.857 | 0.0 | 43.413 | 5.364 | 0.0 | 43.704 | 6.148 | 0.0 | 42.494 | 5.372 | 0.0 | 46.225 | 6.672 |
| 35 | 15443 | 15444 | SN | 1 | 0.0 | 40.315 | 5.464 | 0.0 | 44.131 | 6.391 | 0.0 | 41.577 | 5.393 | 0.0 | 40.941 | 6.8 | 0.0 | 40.384 | 5.474 | 0.0 | 44.29 | 6.189 | 0.0 | 42.659 | 5.372 | 0.0 | 42.675 | 6.636 |
| 36 | 15443 | 15444 | SN | 1 | 0.0 | 38.075 | 1.64 | 0.0 | 47.563 | 2.18 | 0.0 | 36.868 | 1.794 | 0.0 | 40.346 | 2.189 | 0.0 | 38.654 | 1.658 | 0.0 | 48.852 | 2.125 | 0.0 | 35.575 | 1.758 | 0.0 | 41.676 | 2.103 |
| 37 | 15443 | 15444 | NS | 1 | 0.0 | 44.694 | 0.784 | 0.0 | 47.066 | 1.207 | 0.0 | 37.379 | 0.731 | 0.0 | 39.56 | 0.875 | 0.0 | 45.629 | 0.797 | 0.0 | 50.522 | 1.15 | 0.0 | 37.039 | 0.729 | 0.0 | 39.083 | 0.814 |
| 38 | 15443 | 15444 | NS | 1 | 0.0 | 50.514 | 2.876 | 0.118 | 54.833 | 3.965 | 0.0 | 49.73 | 2.758 | 0.0 | 47.097 | 3.508 | 0.0 | 51.261 | 2.876 | 1.21 | 55.687 | 3.833 | 0.0 | 49.066 | 2.694 | 0.0 | 46.634 | 3.203 |
| 39 | 15443 | 15444 | SN | 1 | 0.0 | 38.517 | 1.56 | 0.0 | 47.563 | 2.221 | 0.0 | 36.868 | 1.793 | 0.0 | 40.346 | 2.25 | 0.0 | 39.094 | 1.585 | 0.0 | 48.852 | 2.17 | 0.0 | 35.041 | 1.78 | 0.0 | 41.676 | 2.157 |
| 40 | 15443 | 15444 | SN | 1 | 0.0 | 42.603 | 1.669 | 0.0 | 47.456 | 2.207 | 0.0 | 34.04 | 1.764 | 0.0 | 39.037 | 2.206 | 0.0 | 41.969 | 1.642 | 0.0 | 48.915 | 2.107 | 0.0 | 36.112 | 1.765 | 0.0 | 39.976 | 2.091 |
| 41 | 15444 | 15445 | SN | 1 | 0.0 | 43.033 | 2.418 | 0.0 | 42.468 | 3.357 | 0.0 | 40.745 | 2.315 | 0.0 | 39.36 | 3.213 | 0.0 | 42.636 | 2.404 | 0.0 | 44.846 | 3.097 | 0.0 | 39.974 | 2.371 | 0.0 | 44.044 | 3.07 |
| 42 | 15444 | 15445 | NS | 1 | 0.0 | 47.872 | 1.713 | 0.0 | 48.652 | 2.125 | 0.0 | 39.996 | 1.336 | 0.0 | 48.782 | 1.86 | 0.0 | 48.42 | 1.697 | 0.0 | 48.407 | 1.94 | 0.0 | 39.172 | 1.273 | 0.0 | 45.464 | 1.606 |
| 43 | 15444 | 15445 | SN | 1 | 0.0 | 47.033 | 9.645 | 0.0 | 53.164 | 11.677 | 0.0 | 44.77 | 7.384 | 0.0 | 44.671 | 8.987 | 0.0 | 47.655 | 9.666 | 0.0 | 52.886 | 11.161 | 0.0 | 46.346 | 7.611 | 0.0 | 44.83 | 9.101 |
| 44 | 15444 | 15445 | SN | 1 | 0.0 | 45.785 | 2.383 | 0.0 | 41.879 | 3.253 | 0.0 | 36.72 | 2.342 | 0.0 | 39.71 | 3.084 | 0.0 | 45.205 | 2.369 | 0.0 | 42.89 | 3.02 | 0.0 | 36.274 | 2.409 | 0.0 | 44.044 | 2.98 |
| 45 | 15444 | 15445 | SN | 1 | 0.0 | 46.582 | 9.669 | 0.0 | 53.068 | 11.937 | 0.0 | 43.061 | 7.329 | 0.0 | 44.453 | 9.196 | 0.0 | 47.655 | 9.679 | 0.0 | 52.789 | 11.344 | 0.0 | 42.814 | 7.64 | 0.0 | 44.612 | 9.33 |
| 46 | 15444 | 15445 | NS | 1 | 0.0 | 51.152 | 6.275 | 0.568 | 57.78 | 6.847 | 0.0 | 46.602 | 4.716 | 0.0 | 46.916 | 5.831 | 0.0 | 50.728 | 6.376 | 0.17 | 57.303 | 6.614 | 0.0 | 46.435 | 4.773 | 0.0 | 47.386 | 5.447 |
| 47 | 15444 | 15445 | NS | 1 | 0.0 | 55.576 | 6.222 | 0.0 | 58.498 | 6.657 | 0.0 | 46.022 | 4.892 | 0.0 | 46.512 | 5.739 | 0.0 | 57.426 | 6.263 | 0.0 | 59.463 | 6.495 | 0.0 | 46.818 | 4.892 | 0.0 | 44.887 | 5.391 |
| 48 | 15444 | 15445 | SN | 1 | 0.0 | 45.785 | 2.387 | 0.0 | 41.862 | 3.244 | 0.0 | 36.72 | 2.353 | 0.0 | 39.371 | 3.07 | 0.0 | 45.205 | 2.385 | 0.0 | 42.968 | 3.002 | 0.0 | 36.332 | 2.416 | 0.0 | 43.785 | 2.942 |
| 49 | 15444 | 15445 | SN | 1 | 0.0 | 47.033 | 9.605 | 0.0 | 53.068 | 11.706 | 0.0 | 44.755 | 7.448 | 0.0 | 47.103 | 8.966 | 0.0 | 47.655 | 9.645 | 0.0 | 52.789 | 11.109 | 0.0 | 46.262 | 7.646 | 0.0 | 44.612 | 9.13 |
| 50 | 15444 | 15445 | NS | 1 | 0.0 | 48.78 | 1.64 | 0.0 | 47.942 | 2.076 | 0.0 | 43.195 | 1.35 | 0.0 | 48.724 | 1.769 | 0.0 | 49.632 | 1.633 | 0.0 | 47.885 | 1.942 | 0.0 | 44.421 | 1.311 | 0.0 | 46.168 | 1.562 |
| 51 | 15445 | 15446 | SN | 1 | 0.0 | 52.552 | 2.156 | 0.0 | 46.319 | 2.825 | 0.0 | 43.93 | 1.939 | 0.0 | 40.471 | 2.514 | 0.0 | 51.58 | 2.188 | 0.0 | 45.482 | 2.685 | 0.0 | 41.448 | 1.936 | 0.0 | 44.194 | 2.335 |
| 52 | 15445 | 15446 | NS | 1 | 0.0 | 44.716 | 1.47 | 0.0 | 54.567 | 2.209 | 0.0 | 39.674 | 1.605 | 0.0 | 42.654 | 2.297 | 0.0 | 43.116 | 1.454 | 0.0 | 52.787 | 2.006 | 0.0 | 39.031 | 1.535 | 0.0 | 43.149 | 1.96 |
| 53 | 15445 | 15446 | SN | 1 | 0.0 | 52.552 | 2.147 | 0.0 | 46.319 | 2.807 | 0.0 | 43.93 | 1.904 | 0.0 | 40.558 | 2.528 | 0.0 | 51.58 | 2.161 | 0.0 | 45.302 | 2.64 | 0.0 | 41.448 | 1.893 | 0.0 | 44.332 | 2.342 |
| 54 | 15445 | 15446 | NS | 1 | 0.0 | 45.579 | 1.401 | 0.0 | 55.101 | 2.172 | 0.0 | 40.049 | 1.526 | 0.0 | 42.799 | 2.21 | 0.0 | 45.768 | 1.401 | 0.0 | 52.899 | 1.906 | 0.0 | 40.492 | 1.47 | 0.0 | 41.168 | 1.888 |
| 55 | 15445 | 15446 | SN | 1 | 0.0 | 49.721 | 7.163 | 0.0 | 48.785 | 8.648 | 0.0 | 47.576 | 6.741 | 0.0 | 49.912 | 8.397 | 0.0 | 49.97 | 7.274 | 0.0 | 49.352 | 8.273 | 0.0 | 46.576 | 6.819 | 0.0 | 45.799 | 7.991 |
| 56 | 15445 | 15446 | SN | 1 | 0.0 | 50.519 | 7.214 | 0.0 | 48.785 | 8.629 | 0.0 | 47.439 | 6.628 | 0.0 | 47.092 | 8.383 | 0.0 | 50.77 | 7.295 | 0.0 | 49.352 | 8.244 | 0.0 | 46.437 | 6.713 | 0.0 | 44.345 | 8.041 |
| 57 | 15445 | 15446 | NS | 1 | 0.0 | 52.695 | 6.173 | 0.215 | 49.215 | 7.515 | 0.0 | 46.588 | 5.456 | 0.0 | 50.141 | 6.867 | 0.0 | 54.821 | 6.275 | 0.018 | 51.231 | 7.151 | 0.0 | 44.382 | 5.406 | 0.0 | 50.438 | 6.001 |
| 58 | 15445 | 15446 | NS | 1 | 0.0 | 52.695 | 6.141 | 0.0 | 52.898 | 7.365 | 0.0 | 46.141 | 5.311 | 0.0 | 50.842 | 6.883 | 0.0 | 54.821 | 6.171 | 0.0 | 51.716 | 6.95 | 0.0 | 47.611 | 5.162 | 0.0 | 50.645 | 5.981 |
| 59 | 15445 | 15446 | SN | 1 | 0.0 | 52.552 | 2.198 | 0.0 | 46.319 | 2.795 | 0.0 | 40.991 | 1.883 | 0.0 | 40.471 | 2.5 | 0.0 | 51.58 | 2.215 | 0.0 | 45.482 | 2.667 | 0.0 | 40.511 | 1.872 | 0.0 | 44.194 | 2.33 |
| 60 | 15445 | 15446 | SN | 1 | 0.0 | 50.519 | 7.304 | 0.0 | 48.778 | 8.358 | 0.0 | 47.262 | 6.702 | 0.0 | 47.092 | 8.181 | 0.0 | 50.77 | 7.369 | 0.0 | 49.347 | 7.925 | 0.0 | 46.26 | 6.77 | 0.0 | 44.345 | 7.801 |
| 61 | 15446 | 15447 | SN | 1 | 0.0 | 51.452 | 5.397 | 0.0 | 53.297 | 7.563 | 0.0 | 47.606 | 3.891 | 0.0 | 49.321 | 4.845 | 0.0 | 53.753 | 5.508 | 0.0 | 52.514 | 7.025 | 0.0 | 45.322 | 3.678 | 0.0 | 47.962 | 4.396 |
| 62 | 15446 | 15447 | SN | 1 | 0.0 | 49.198 | 1.3 | 0.0 | 48.621 | 1.822 | 0.0 | 47.388 | 0.933 | 0.0 | 39.978 | 1.296 | 0.0 | 49.186 | 1.315 | 0.0 | 47.349 | 1.64 | 0.0 | 46.859 | 0.893 | 0.0 | 38.429 | 1.125 |
| 63 | 15446 | 15447 | SN | 1 | 0.0 | 49.198 | 1.291 | 0.0 | 48.621 | 1.81 | 0.0 | 47.388 | 0.939 | 0.0 | 39.978 | 1.294 | 0.0 | 49.186 | 1.302 | 0.0 | 47.349 | 1.634 | 0.0 | 46.859 | 0.891 | 0.0 | 38.429 | 1.12 |
| 64 | 15446 | 15447 | SN | 1 | 0.0 | 49.198 | 1.201 | 0.0 | 48.621 | 1.565 | 0.0 | 47.388 | 0.897 | 0.0 | 51.268 | 1.112 | 0.0 | 49.186 | 1.22 | 0.0 | 47.349 | 1.414 | 0.0 | 46.859 | 0.846 | 0.0 | 46.697 | 0.934 |
| 65 | 15446 | 15447 | SN | 1 | 0.0 | 51.452 | 4.879 | 0.0 | 53.297 | 6.515 | 0.0 | 47.606 | 3.805 | 0.0 | 49.321 | 4.156 | 0.0 | 53.753 | 5.001 | 0.0 | 52.514 | 5.994 | 0.0 | 45.322 | 3.587 | 0.0 | 47.962 | 3.618 |
| 66 | 15446 | 15447 | SN | 1 | 0.0 | 51.452 | 5.416 | 0.0 | 53.297 | 7.544 | 0.0 | 47.606 | 3.891 | 0.0 | 49.321 | 4.868 | 0.0 | 53.753 | 5.527 | 0.0 | 52.514 | 6.997 | 0.0 | 45.322 | 3.692 | 0.0 | 47.962 | 4.42 |
| 67 | 15446 | 15447 | NS | 1 | 0.0 | 45.773 | 4.762 | 0.0 | 43.856 | 6.1 | 0.0 | 46.399 | 5.105 | 0.0 | 48.279 | 6.172 | 0.0 | 46.451 | 4.752 | 0.0 | 43.743 | 5.857 | 0.0 | 45.666 | 4.927 | 0.0 | 44.862 | 5.831 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 15446 | 15447 | NS | 1 | 0.0 | 45.626 | 4.651 | 0.0 | 43.856 | 6.232 | 0.0 | 40.737 | 5.155 | 0.0 | 48.279 | 6.165 | 0.0 | 46.302 | 4.722 | 0.0 | 43.756 | 5.928 | 0.0 | 42.227 | 4.856 | 0.0 | 44.862 | 5.853 |
| 69 | 15446 | 15447 | NS | 1 | 0.0 | 44.908 | 1.357 | 0.0 | 49.643 | 2.067 | 0.0 | 35.518 | 1.566 | 0.0 | 45.14 | 2.147 | 0.0 | 44.489 | 1.378 | 0.0 | 50.323 | 1.997 | 0.0 | 36.662 | 1.535 | 0.0 | 45.668 | 1.979 |
| 70 | 15446 | 15447 | NS | 1 | 0.0 | 47.343 | 1.364 | 0.0 | 49.643 | 2.08 | 0.0 | 38.143 | 1.543 | 0.0 | 45.14 | 2.17 | 0.0 | 46.924 | 1.36 | 0.0 | 50.323 | 1.974 | 0.0 | 37.971 | 1.495 | 0.0 | 45.668 | 1.947 |
| 71 | 15447 | 15448 | SN | 1 | 0.0 | 47.405 | 4.192 | 0.0 | 51.591 | 5.5 | 0.0 | 45.287 | 3.775 | 0.0 | 44.818 | 5.177 | 0.0 | 47.524 | 4.222 | 0.0 | 51.816 | 5.257 | 0.0 | 46.338 | 3.711 | 0.0 | 42.683 | 5.056 |
| 72 | 15447 | 15448 | NS | 1 | 0.0 | 47.224 | 5.412 | 0.0 | 51.521 | 6.601 | 0.0 | 45.095 | 4.701 | 0.0 | 44.144 | 6.09 | 0.0 | 47.208 | 5.371 | 0.0 | 50.673 | 6.398 | 0.0 | 45.115 | 4.708 | 0.0 | 44.286 | 5.657 |
| 73 | 15447 | 15448 | NS | 1 | 0.0 | 47.833 | 1.414 | 0.0 | 46.921 | 1.869 | 0.0 | 40.514 | 1.308 | 0.0 | 41.54 | 1.921 | 0.0 | 47.67 | 1.448 | 0.0 | 46.797 | 1.756 | 0.0 | 39.774 | 1.313 | 0.0 | 43.256 | 1.756 |
| 74 | 15447 | 15448 | NS | 1 | 0.0 | 47.224 | 5.392 | 0.0 | 51.521 | 6.601 | 0.0 | 44.877 | 4.68 | 0.0 | 50.489 | 6.168 | 0.0 | 47.208 | 5.382 | 0.0 | 50.673 | 6.419 | 0.0 | 44.895 | 4.701 | 0.0 | 52.642 | 5.664 |
| 75 | 15447 | 15448 | NS | 1 | 0.0 | 47.796 | 1.412 | 0.0 | 46.82 | 1.867 | 0.0 | 40.714 | 1.313 | 0.0 | 41.54 | 1.914 | 0.0 | 47.67 | 1.437 | 0.0 | 46.695 | 1.743 | 0.0 | 39.892 | 1.315 | 0.0 | 43.013 | 1.753 |
| 76 | 15447 | 15448 | SN | 1 | 0.0 | 39.418 | 1.148 | 0.0 | 43.277 | 1.655 | 0.0 | 43.588 | 1.098 | 0.0 | 42.855 | 1.682 | 0.0 | 39.981 | 1.155 | 0.0 | 44.32 | 1.548 | 0.0 | 46.464 | 1.077 | 0.0 | 39.23 | 1.437 |
| 77 | 15448 | 15449 | NS | 1 | 0.0 | 51.707 | 6.342 | 0.0 | 53.497 | 7.645 | 0.0 | 50.146 | 5.872 | 0.0 | 46.283 | 6.853 | 0.0 | 52.164 | 6.403 | 0.0 | 53.321 | 7.422 | 0.0 | 51.42 | 5.773 | 0.0 | 45.531 | 6.505 |
| 78 | 15448 | 15449 | SN | 1 | 0.0 | 50.025 | 0.708 | 0.0 | 43.062 | 1.092 | 0.0 | 37.79 | 0.779 | 0.0 | 38.881 | 1.272 | 0.0 | 49.658 | 0.697 | 0.0 | 44.887 | 0.991 | 0.0 | 36.557 | 0.694 | 0.0 | 39.588 | 1.036 |
| 79 | 15448 | 15449 | SN | 1 | 0.0 | 46.52 | 2.535 | 0.0 | 49.006 | 3.645 | 0.0 | 49.523 | 2.731 | 0.0 | 43.8 | 3.9 | 0.0 | 46.323 | 2.595 | 0.0 | 47.394 | 3.19 | 0.0 | 46.812 | 2.589 | 0.0 | 42.374 | 3.209 |
| 80 | 15448 | 15449 | NS | 1 | 0.0 | 44.642 | 1.807 | 0.0 | 52.929 | 2.309 | 0.0 | 42.793 | 1.657 | 0.0 | 42.187 | 2.167 | 0.0 | 43.739 | 1.8 | 0.0 | 51.98 | 2.233 | 0.0 | 43.94 | 1.577 | 0.0 | 44.942 | 1.898 |
| 81 | 15449 | 15450 | SN | 1 | 0.0 | 42.083 | 1.089 | 0.0 | 44.176 | 1.524 | 0.0 | 39.783 | 1.315 | 0.0 | 43.413 | 1.736 | 0.0 | 42.67 | 1.078 | 0.0 | 44.493 | 1.429 | 0.0 | 40.565 | 1.253 | 0.0 | 43.341 | 1.537 |
| 82 | 15449 | 15450 | NS | 1 | 0.0 | 43.389 | 1.285 | 0.0 | 50.282 | 1.633 | 0.0 | 44.668 | 1.329 | 0.0 | 44.885 | 1.891 | 0.0 | 43.411 | 1.274 | 0.0 | 48.449 | 1.502 | 0.0 | 47.293 | 1.247 | 0.0 | 44.474 | 1.629 |
| 83 | 15449 | 15450 | NS | 1 | 0.0 | 51.196 | 4.924 | 0.0 | 52.157 | 5.946 | 0.0 | 45.35 | 4.593 | 0.0 | 44.874 | 5.475 | 0.0 | 51.983 | 5.005 | 0.0 | 52.21 | 5.774 | 0.0 | 46.801 | 4.479 | 0.0 | 45.204 | 5.028 |
| 84 | 15449 | 15450 | SN | 1 | 0.0 | 51.07 | 3.949 | 0.0 | 51.903 | 5.316 | 0.0 | 47.688 | 4.937 | 0.0 | 46.934 | 5.65 | 0.0 | 49.902 | 4.0 | 0.0 | 52.697 | 4.881 | 0.0 | 49.597 | 4.653 | 0.0 | 48.896 | 5.18 |
| 85 | 15450 | 15451 | NS | 1 | 0.0 | 45.285 | 2.195 | 0.0 | 50.191 | 2.906 | 0.0 | 45.42 | 2.335 | 0.0 | 40.612 | 3.092 | 0.0 | 45.105 | 2.234 | 0.0 | 51.499 | 2.852 | 0.0 | 44.325 | 2.335 | 0.0 | 40.536 | 2.987 |
| 86 | 15450 | 15451 | NS | 1 | 0.0 | 45.285 | 2.236 | 0.0 | 50.191 | 2.956 | 0.0 | 45.42 | 2.376 | 0.0 | 40.612 | 3.15 | 0.0 | 45.105 | 2.278 | 0.0 | 51.499 | 2.903 | 0.0 | 44.325 | 2.378 | 0.0 | 40.536 | 3.04 |
| 87 | 15450 | 15451 | SN | 1 | 0.0 | 54.411 | 4.777 | 0.0 | 53.082 | 5.64 | 0.0 | 46.939 | 4.426 | 0.0 | 45.602 | 5.543 | 0.0 | 54.795 | 4.635 | 0.0 | 54.899 | 5.377 | 0.0 | 46.042 | 4.128 | 0.0 | 42.241 | 4.846 |
| 88 | 15450 | 15451 | SN | 1 | 0.0 | 54.411 | 4.777 | 0.0 | 53.082 | 5.64 | 0.0 | 46.939 | 4.426 | 0.0 | 45.602 | 5.543 | 0.0 | 54.795 | 4.635 | 0.0 | 54.899 | 5.377 | 0.0 | 46.042 | 4.128 | 0.0 | 42.241 | 4.846 |
| 89 | 15450 | 15451 | SN | 1 | 0.0 | 49.383 | 1.217 | 0.0 | 47.004 | 1.619 | 0.0 | 42.419 | 1.149 | 0.0 | 39.974 | 1.521 | 0.0 | 48.889 | 1.179 | 0.0 | 44.624 | 1.506 | 0.0 | 41.63 | 1.059 | 0.0 | 39.021 | 1.345 |
| 90 | 15450 | 15451 | SN | 1 | 0.0 | 49.383 | 1.217 | 0.0 | 47.004 | 1.619 | 0.0 | 42.419 | 1.149 | 0.0 | 39.974 | 1.521 | 0.0 | 48.889 | 1.179 | 0.0 | 44.624 | 1.506 | 0.0 | 41.63 | 1.059 | 0.0 | 39.021 | 1.345 |
| 91 | 15450 | 15451 | NS | 1 | 0.0 | 46.378 | 7.639 | 0.0 | 55.294 | 9.032 | 0.0 | 44.981 | 7.451 | 0.0 | 43.084 | 8.957 | 0.0 | 47.393 | 7.964 | 0.0 | 56.234 | 8.769 | 0.0 | 45.574 | 7.501 | 0.0 | 43.222 | 9.042 |
| 92 | 15450 | 15451 | NS | 1 | 0.0 | 45.285 | 2.195 | 0.0 | 50.191 | 2.913 | 0.0 | 45.42 | 2.374 | 0.0 | 40.612 | 3.104 | 0.0 | 45.105 | 2.236 | 0.0 | 51.499 | 2.901 | 0.0 | 44.325 | 2.354 | 0.0 | 40.536 | 2.996 |
| 93 | 15450 | 15451 | NS | 1 | 0.0 | 46.378 | 7.69 | 0.0 | 55.294 | 9.113 | 0.0 | 39.776 | 7.508 | 0.0 | 43.084 | 9.013 | 0.0 | 47.393 | 7.913 | 0.0 | 56.234 | 8.82 | 0.0 | 43.294 | 7.565 | 0.0 | 42.9 | 9.099 |
| 94 | 15450 | 15451 | NS | 1 | 0.0 | 46.378 | 7.796 | 0.0 | 55.294 | 9.201 | 0.0 | 44.981 | 7.59 | 0.0 | 43.084 | 9.12 | 0.0 | 47.393 | 8.126 | 0.0 | 56.234 | 8.934 | 0.0 | 45.574 | 7.612 | 0.0 | 43.222 | 9.207 |
| 95 | 15451 | 15452 | NS | 1 | 0.0 | 42.918 | 1.305 | 0.0 | 48.423 | 1.875 | 0.0 | 45.417 | 1.683 | 0.0 | 40.839 | 2.237 | 0.0 | 44.448 | 1.274 | 0.0 | 48.83 | 1.685 | 0.0 | 43.722 | 1.559 | 0.0 | 43.079 | 1.969 |
| 96 | 15451 | 15452 | SN | 1 | 0.0 | 45.72 | 3.1 | 0.0 | 50.664 | 4.132 | 0.0 | 49.787 | 3.697 | 0.0 | 45.896 | 4.669 | 0.0 | 44.995 | 3.08 | 0.0 | 51.863 | 3.818 | 0.0 | 46.647 | 3.527 | 0.0 | 47.336 | 4.1 |
| 97 | 15451 | 15452 | NS | 1 | 0.0 | 42.918 | 1.317 | 0.0 | 50.64 | 1.854 | 0.0 | 45.417 | 1.68 | 0.0 | 41.41 | 2.233 | 0.0 | 44.448 | 1.272 | 0.0 | 51.045 | 1.667 | 0.0 | 42.948 | 1.549 | 0.0 | 43.079 | 1.962 |
| 98 | 15451 | 15452 | SN | 1 | 0.0 | 45.321 | 0.916 | 0.0 | 49.468 | 1.423 | 0.0 | 41.542 | 1.106 | 0.0 | 45.937 | 1.562 | 0.0 | 45.602 | 0.897 | 0.0 | 48.951 | 1.272 | 0.0 | 39.546 | 1.028 | 0.0 | 43.168 | 1.308 |
| 99 | 15451 | 15452 | NS | 1 | 0.0 | 53.602 | 4.408 | 0.0 | 49.736 | 6.332 | 0.0 | 45.417 | 5.048 | 0.0 | 42.375 | 6.449 | 0.0 | 54.344 | 4.357 | 0.0 | 50.069 | 6.039 | 0.0 | 42.948 | 4.87 | 0.0 | 39.837 | 5.902 |
| 100 | 15451 | 15452 | SN | 1 | 0.0 | 45.72 | 3.1 | 0.0 | 50.664 | 4.132 | 0.0 | 49.787 | 3.697 | 0.0 | 45.896 | 4.669 | 0.0 | 44.995 | 3.08 | 0.0 | 51.863 | 3.818 | 0.0 | 46.647 | 3.527 | 0.0 | 47.336 | 4.1 |
| 101 | 15451 | 15452 | NS | 1 | 0.0 | 53.602 | 4.458 | 0.0 | 49.736 | 6.373 | 0.0 | 45.417 | 5.069 | 0.0 | 42.375 | 6.428 | 0.0 | 54.344 | 4.387 | 0.0 | 50.069 | 6.019 | 0.0 | 42.948 | 4.856 | 0.0 | 39.837 | 5.881 |
| 102 | 15451 | 15452 | SN | 1 | 0.0 | 45.321 | 0.916 | 0.0 | 49.468 | 1.423 | 0.0 | 41.542 | 1.106 | 0.0 | 45.937 | 1.562 | 0.0 | 45.602 | 0.897 | 0.0 | 48.951 | 1.272 | 0.0 | 39.546 | 1.028 | 0.0 | 43.168 | 1.308 |
| 103 | 15452 | 15453 | SN | 1 | 0.0 | 46.681 | 1.484 | 0.0 | 49.705 | 1.967 | 0.0 | 44.119 | 1.719 | 0.0 | 39.715 | 2.368 | 0.0 | 47.975 | 1.5 | 0.0 | 47.547 | 1.915 | 0.0 | 47.765 | 1.765 | 0.0 | 45.602 | 2.215 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104 | 15452 | 15453 | SN | 1 | 0.0 | 42.103 | 5.856 | 0.0 | 53.135 | 6.592 | 0.0 | 43.138 | 5.718 | 0.0 | 45.983 | 7.036 | 0.0 | 41.566 | 5.846 | 0.0 | 53.405 | 6.562 | 0.0 | 44.192 | 5.768 | 0.0 | 49.16 | 7.121 |
| 105 | 15452 | 15453 | SN | 1 | 0.0 | 48.231 | 5.826 | 0.0 | 52.556 | 6.663 | 0.0 | 37.9 | 5.704 | 0.0 | 41.286 | 7.149 | 0.0 | 47.598 | 5.796 | 0.0 | 52.828 | 6.643 | 0.0 | 38.926 | 5.711 | 0.0 | 40.66 | 7.135 |
| 106 | 15452 | 15453 | NS | 1 | 0.0 | 48.724 | 8.16 | 0.0 | 48.856 | 10.056 | 0.0 | 47.083 | 7.546 | 0.0 | 44.306 | 9.15 | 0.0 | 49.894 | 8.099 | 0.0 | 50.899 | 9.49 | 0.0 | 45.399 | 7.759 | 0.0 | 42.437 | 9.022 |
| 107 | 15452 | 15453 | NS | 1 | 0.0 | 46.808 | 2.538 | 0.0 | 47.835 | 3.394 | 0.0 | 38.528 | 2.653 | 0.0 | 36.868 | 3.405 | 0.0 | 46.883 | 2.647 | 0.0 | 48.391 | 3.282 | 0.0 | 40.979 | 2.698 | 0.0 | 36.648 | 3.301 |
| 108 | 15452 | 15453 | SN | 1 | 0.0 | 45.777 | 1.518 | 0.0 | 43.461 | 2.008 | 0.0 | 39.458 | 1.733 | 0.0 | 41.011 | 2.372 | 0.0 | 47.072 | 1.504 | 0.0 | 42.673 | 1.965 | 0.0 | 39.533 | 1.76 | 0.0 | 38.994 | 2.237 |
| 109 | 15452 | 15453 | NS | 1 | 0.0 | 48.724 | 8.978 | 0.0 | 48.856 | 11.114 | 0.0 | 47.083 | 8.26 | 0.0 | 44.306 | 10.082 | 0.0 | 49.894 | 8.933 | 0.0 | 50.899 | 10.499 | 0.0 | 45.399 | 8.48 | 0.0 | 42.437 | 9.933 |
| 110 | 15452 | 15453 | NS | 1 | 0.0 | 46.808 | 2.309 | 0.0 | 47.835 | 3.074 | 0.0 | 38.528 | 2.408 | 0.0 | 41.333 | 3.089 | 0.0 | 46.883 | 2.399 | 0.0 | 48.391 | 2.979 | 0.0 | 40.979 | 2.46 | 0.0 | 40.38 | 3.001 |
| 111 | 15453 | 15454 | NS | 1 | 0.0 | 52.44 | 7.441 | 0.0 | 49.422 | 9.235 | 0.0 | 43.288 | 7.077 | 0.0 | 47.295 | 9.021 | 0.0 | 52.655 | 7.596 | 0.0 | 53.048 | 8.771 | 0.0 | 41.693 | 7.052 | 0.0 | 46.938 | 8.554 |
| 112 | 15453 | 15454 | SN | 1 | 0.0 | 55.325 | 11.472 | 0.0 | 52.924 | 14.15 | 0.0 | 41.843 | 8.973 | 0.0 | 46.299 | 9.805 | 0.0 | 55.352 | 11.681 | 0.0 | 55.392 | 13.939 | 0.0 | 44.298 | 9.11 | 0.0 | 45.836 | 9.604 |
| 113 | 15453 | 15454 | NS | 1 | 0.0 | 44.12 | 2.253 | 0.0 | 50.217 | 2.815 | 0.0 | 41.334 | 2.148 | 0.0 | 43.605 | 2.815 | 0.0 | 43.553 | 2.234 | 0.0 | 50.189 | 2.591 | 0.0 | 42.117 | 2.085 | 0.0 | 41.149 | 2.545 |
| 114 | 15453 | 15454 | SN | 1 | 0.0 | 45.714 | 2.81 | 0.0 | 46.008 | 4.02 | 0.0 | 40.572 | 2.484 | 0.0 | 50.417 | 2.959 | 0.0 | 45.49 | 2.847 | 0.0 | 43.856 | 3.903 | 0.0 | 39.667 | 2.471 | 0.0 | 44.6 | 2.861 |
| 115 | 15453 | 15454 | NS | 1 | 0.0 | 52.44 | 6.432 | 0.0 | 49.422 | 7.937 | 0.0 | 43.288 | 6.071 | 0.0 | 47.295 | 7.712 | 0.0 | 52.655 | 6.563 | 0.0 | 53.048 | 7.502 | 0.0 | 41.693 | 6.043 | 0.0 | 46.938 | 7.3 |
| 116 | 15453 | 15454 | NS | 1 | 0.0 | 52.44 | 6.432 | 0.0 | 49.422 | 7.937 | 0.0 | 43.288 | 6.071 | 0.0 | 47.295 | 7.712 | 0.0 | 52.655 | 6.563 | 0.0 | 53.048 | 7.502 | 0.0 | 41.693 | 6.043 | 0.0 | 46.938 | 7.3 |
| 117 | 15453 | 15454 | SN | 1 | 0.0 | 50.028 | 8.653 | 0.0 | 53.846 | 10.257 | 0.0 | 44.267 | 6.768 | 0.0 | 48.406 | 7.876 | 0.0 | 49.566 | 8.693 | 0.0 | 55.062 | 10.085 | 0.0 | 44.746 | 6.648 | 0.0 | 50.207 | 7.79 |
| 118 | 15453 | 15454 | SN | 1 | 0.0 | 47.233 | 2.783 | 0.0 | 47.699 | 4.38 | 0.0 | 41.251 | 2.492 | 0.0 | 50.417 | 3.2 | 0.0 | 46.378 | 2.842 | 0.0 | 47.045 | 4.156 | 0.0 | 43.146 | 2.504 | 0.0 | 44.6 | 3.086 |
| 119 | 15453 | 15454 | SN | 1 | 0.0 | 45.083 | 2.102 | 0.0 | 50.403 | 2.877 | 0.0 | 42.12 | 1.781 | 0.0 | 43.492 | 2.358 | 0.0 | 45.687 | 2.151 | 0.0 | 49.564 | 2.784 | 0.0 | 40.529 | 1.833 | 0.0 | 40.397 | 2.246 |
| 120 | 15453 | 15454 | SN | 1 | 0.0 | 48.868 | 11.719 | 0.0 | 53.681 | 15.214 | 0.0 | 40.143 | 8.722 | 0.0 | 40.948 | 10.364 | 0.0 | 49.343 | 11.902 | 0.0 | 53.229 | 14.997 | 0.0 | 40.319 | 8.909 | 0.0 | 42.629 | 10.352 |
| 121 | 15453 | 15454 | NS | 1 | 0.0 | 44.12 | 1.931 | 0.0 | 50.217 | 2.411 | 0.0 | 41.334 | 1.85 | 0.0 | 43.605 | 2.395 | 0.0 | 43.553 | 1.913 | 0.0 | 50.189 | 2.215 | 0.0 | 42.117 | 1.793 | 0.0 | 41.149 | 2.167 |
| 122 | 15453 | 15454 | NS | 1 | 0.0 | 44.12 | 1.931 | 0.0 | 50.217 | 2.411 | 0.0 | 41.334 | 1.85 | 0.0 | 43.605 | 2.395 | 0.0 | 43.553 | 1.913 | 0.0 | 50.189 | 2.215 | 0.0 | 42.117 | 1.793 | 0.0 | 41.149 | 2.167 |
| 123 | 15454 | 15455 | NS | 1 | 0.0 | 50.214 | 1.861 | 0.0 | 51.489 | 2.364 | 0.0 | 46.251 | 1.632 | 0.0 | 42.775 | 2.31 | 0.0 | 50.624 | 1.859 | 0.0 | 49.88 | 2.269 | 0.0 | 46.296 | 1.616 | 0.0 | 42.898 | 2.168 |
| 124 | 15454 | 15455 | NS | 1 | 0.0 | 50.214 | 1.882 | 0.0 | 51.489 | 2.362 | 0.0 | 46.251 | 1.634 | 0.0 | 42.775 | 2.319 | 0.0 | 50.624 | 1.866 | 0.0 | 49.88 | 2.269 | 0.0 | 46.296 | 1.613 | 0.0 | 42.898 | 2.193 |
| 125 | 15454 | 15455 | SN | 1 | 0.0 | 46.73 | 1.525 | 0.0 | 50.041 | 1.914 | 0.0 | 41.549 | 1.167 | 0.0 | 40.912 | 1.663 | 0.0 | 47.6 | 1.575 | 0.0 | 49.995 | 1.773 | 0.0 | 42.851 | 1.109 | 0.0 | 38.686 | 1.489 |
| 126 | 15454 | 15455 | SN | 1 | 0.0 | 46.73 | 1.525 | 0.0 | 50.041 | 1.914 | 0.0 | 41.771 | 1.167 | 0.0 | 40.912 | 1.663 | 0.0 | 47.6 | 1.577 | 0.0 | 49.995 | 1.773 | 0.0 | 42.851 | 1.109 | 0.0 | 38.686 | 1.489 |
| 127 | 15454 | 15455 | SN | 1 | 0.402 | 51.435 | 6.611 | 0.0 | 49.261 | 6.766 | 0.0 | 44.99 | 4.659 | 0.0 | 47.097 | 5.82 | 0.214 | 52.515 | 6.663 | 0.0 | 48.825 | 6.725 | 0.0 | 44.542 | 4.557 | 0.0 | 44.756 | 5.223 |
| 128 | 15454 | 15455 | SN | 1 | 0.0 | 51.435 | 6.455 | 0.0 | 49.261 | 6.642 | 0.0 | 44.99 | 4.514 | 0.0 | 47.097 | 5.835 | 0.0 | 52.515 | 6.546 | 0.0 | 48.825 | 6.622 | 0.0 | 44.542 | 4.443 | 0.0 | 44.756 | 5.209 |
| 129 | 15454 | 15455 | NS | 1 | 0.0 | 56.583 | 7.692 | 0.0 | 54.198 | 8.807 | 0.0 | 45.318 | 6.159 | 0.0 | 49.816 | 7.414 | 0.0 | 56.009 | 7.814 | 0.0 | 54.083 | 8.726 | 0.0 | 46.168 | 6.017 | 0.0 | 48.868 | 6.903 |
| 130 | 15454 | 15455 | NS | 1 | 0.0 | 56.583 | 7.723 | 0.0 | 54.198 | 8.787 | 0.0 | 45.318 | 6.195 | 0.0 | 49.816 | 7.393 | 0.0 | 56.009 | 7.804 | 0.0 | 54.083 | 8.696 | 0.0 | 46.168 | 6.003 | 0.0 | 48.868 | 6.91 |
| 131 | 15454 | 15455 | SN | 1 | 0.0 | 46.73 | 1.552 | 0.0 | 50.041 | 1.96 | 0.0 | 41.851 | 1.189 | 0.0 | 40.912 | 1.678 | 0.0 | 47.6 | 1.612 | 0.0 | 49.995 | 1.798 | 0.0 | 42.851 | 1.117 | 0.0 | 38.686 | 1.482 |
| 132 | 15454 | 15455 | SN | 1 | 0.0 | 51.435 | 6.455 | 0.0 | 49.261 | 6.642 | 0.0 | 44.99 | 4.514 | 0.0 | 47.097 | 5.835 | 0.0 | 52.515 | 6.546 | 0.0 | 48.825 | 6.622 | 0.0 | 44.542 | 4.443 | 0.0 | 44.756 | 5.209 |
| 133 | 15455 | 15456 | NS | 1 | 0.0 | 42.038 | 0.906 | 0.0 | 52.474 | 1.416 | 0.0 | 42.397 | 0.839 | 0.0 | 46.209 | 1.243 | 0.0 | 42.351 | 0.897 | 0.0 | 52.879 | 1.331 | 0.0 | 43.129 | 0.779 | 0.0 | 47.527 | 1.012 |
| 134 | 15455 | 15456 | SN | 1 | 0.0 | 47.077 | 4.526 | 0.0 | 48.918 | 5.651 | 0.0 | 45.211 | 3.597 | 0.0 | 46.079 | 5.205 | 0.0 | 48.398 | 4.659 | 0.0 | 45.974 | 5.743 | 0.0 | 42.681 | 3.633 | 0.0 | 49.038 | 4.852 |
| 135 | 15455 | 15456 | SN | 1 | 0.0 | 47.241 | 4.536 | 0.0 | 49.581 | 5.667 | 0.0 | 45.211 | 3.604 | 0.0 | 46.079 | 5.206 | 0.0 | 48.559 | 4.669 | 0.0 | 46.639 | 5.759 | 0.0 | 42.681 | 3.64 | 0.0 | 49.038 | 4.854 |
| 136 | 15455 | 15456 | NS | 1 | 0.0 | 56.063 | 3.991 | 0.0 | 53.373 | 5.249 | 0.0 | 47.129 | 2.979 | 0.0 | 45.279 | 3.786 | 0.0 | 56.268 | 4.194 | 0.0 | 51.74 | 4.885 | 0.0 | 49.77 | 2.851 | 0.0 | 48.087 | 3.495 |
| 137 | 15455 | 15456 | NS | 1 | 0.0 | 56.289 | 3.981 | 0.0 | 53.248 | 5.198 | 0.0 | 48.616 | 2.901 | 0.0 | 43.304 | 3.743 | 0.0 | 56.492 | 4.184 | 0.0 | 51.486 | 4.895 | 0.0 | 51.257 | 2.78 | 0.0 | 48.252 | 3.459 |
| 138 | 15455 | 15456 | SN | 1 | 0.0 | 47.241 | 4.534 | 0.0 | 49.581 | 5.67 | 0.0 | 45.211 | 3.569 | 0.0 | 46.079 | 5.196 | 0.0 | 48.559 | 4.665 | 0.0 | 46.639 | 5.761 | 0.0 | 42.681 | 3.605 | 0.0 | 49.038 | 4.861 |
| 139 | 15455 | 15456 | SN | 1 | 0.0 | 47.774 | 1.076 | 0.0 | 48.257 | 1.693 | 0.0 | 35.674 | 1.11 | 0.0 | 39.433 | 1.87 | 0.0 | 48.244 | 1.103 | 0.0 | 48.409 | 1.627 | 0.0 | 38.868 | 1.089 | 0.0 | 41.452 | 1.713 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 15455 | 15456 | NS | 1 | 0.0 | 42.583 | 0.906 | 0.0 | 50.607 | 1.432 | 0.0 | 40.853 | 0.811 | 0.0 | 40.791 | 1.22 | 0.0 | 43.422 | 0.906 | 0.0 | 50.213 | 1.319 | 0.0 | 39.17 | 0.786 | 0.0 | 43.241 | 0.989 |
| 141 | 15455 | 15456 | SN | 1 | 0.0 | 47.774 | 1.074 | 0.0 | 48.257 | 1.687 | 0.0 | 35.674 | 1.112 | 0.0 | 39.433 | 1.869 | 0.0 | 48.244 | 1.102 | 0.0 | 48.409 | 1.623 | 0.0 | 38.868 | 1.093 | 0.0 | 41.452 | 1.715 |
| 142 | 15455 | 15456 | SN | 1 | 0.0 | 47.774 | 1.079 | 0.0 | 48.257 | 1.687 | 0.0 | 41.491 | 1.112 | 0.0 | 39.433 | 1.864 | 0.0 | 48.244 | 1.1 | 0.0 | 48.409 | 1.621 | 0.0 | 38.68 | 1.096 | 0.0 | 41.452 | 1.713 |
| 143 | 15456 | 15457 | SN | 1 | 0.0 | 40.558 | 2.085 | 0.0 | 44.391 | 2.664 | 0.0 | 41.801 | 2.416 | 0.0 | 39.633 | 2.953 | 0.0 | 38.669 | 2.137 | 0.0 | 44.013 | 2.758 | 0.0 | 41.146 | 2.483 | 0.0 | 37.547 | 2.931 |
| 144 | 15456 | 15457 | SN | 1 | 0.0 | 43.034 | 7.082 | 0.0 | 43.854 | 7.907 | 0.0 | 40.76 | 6.877 | 0.0 | 45.669 | 8.248 | 0.0 | 43.332 | 7.318 | 0.0 | 44.754 | 8.009 | 0.0 | 40.083 | 7.475 | 0.0 | 44.354 | 8.74 |
| 145 | 15456 | 15457 | NS | 1 | 0.0 | 52.634 | 0.752 | 0.0 | 48.989 | 1.27 | 0.0 | 39.261 | 0.821 | 0.0 | 42.826 | 1.316 | 0.0 | 54.698 | 0.709 | 0.0 | 48.964 | 1.161 | 0.0 | 37.036 | 0.758 | 0.0 | 40.164 | 1.099 |
| 146 | 15456 | 15457 | NS | 1 | 0.0 | 49.012 | 2.674 | 0.0 | 49.787 | 3.631 | 0.0 | 40.077 | 2.481 | 0.0 | 42.552 | 3.658 | 0.0 | 49.859 | 2.735 | 0.0 | 50.546 | 3.236 | 0.0 | 38.534 | 2.282 | 0.0 | 40.236 | 3.168 |
| 147 | 15456 | 15457 | SN | 1 | 0.0 | 41.661 | 2.071 | 0.0 | 44.391 | 2.693 | 0.0 | 41.801 | 2.405 | 0.0 | 39.633 | 2.949 | 0.0 | 39.77 | 2.127 | 0.0 | 44.013 | 2.783 | 0.0 | 41.146 | 2.467 | 0.0 | 37.547 | 2.926 |
| 148 | 15456 | 15457 | SN | 1 | 0.0 | 42.939 | 7.06 | 0.0 | 43.854 | 8.009 | 0.0 | 40.76 | 6.851 | 0.0 | 45.669 | 8.292 | 0.0 | 43.235 | 7.312 | 0.0 | 44.754 | 8.151 | 0.0 | 39.62 | 7.447 | 0.0 | 44.354 | 8.762 |
| 149 | 15457 | 15458 | SN | 1 | 0.0 | 46.985 | 1.845 | 0.0 | 42.601 | 2.32 | 0.0 | 36.565 | 1.91 | 0.0 | 39.209 | 2.671 | 0.0 | 46.349 | 1.894 | 0.0 | 40.092 | 2.171 | 0.0 | 38.33 | 1.916 | 0.0 | 35.735 | 2.418 |
| 150 | 15457 | 15458 | NS | 1 | 0.0 | 44.656 | 1.132 | 0.0 | 45.267 | 1.833 | 0.0 | 43.874 | 0.953 | 0.0 | 43.103 | 1.404 | 0.0 | 44.186 | 1.152 | 0.0 | 47.98 | 1.77 | 0.0 | 40.655 | 0.918 | 0.0 | 47.603 | 1.39 |
| 151 | 15457 | 15458 | NS | 1 | 0.0 | 44.656 | 1.146 | 0.0 | 45.37 | 1.864 | 0.0 | 38.669 | 0.969 | 0.0 | 45.36 | 1.397 | 0.0 | 44.184 | 1.161 | 0.0 | 48.085 | 1.794 | 0.0 | 36.758 | 0.934 | 0.0 | 47.529 | 1.4 |
| 152 | 15457 | 15458 | NS | 1 | 0.0 | 50.131 | 5.028 | 0.0 | 51.438 | 6.467 | 0.0 | 44.656 | 3.919 | 0.0 | 48.593 | 5.026 | 0.0 | 50.168 | 5.2 | 0.0 | 50.991 | 6.436 | 0.0 | 42.617 | 3.834 | 0.0 | 49.53 | 4.876 |
| 153 | 15457 | 15458 | NS | 1 | 0.0 | 48.477 | 5.048 | 0.0 | 51.463 | 6.457 | 0.0 | 44.609 | 3.905 | 0.0 | 48.15 | 5.061 | 0.0 | 50.079 | 5.251 | 0.0 | 51.014 | 6.446 | 0.0 | 42.617 | 3.869 | 0.0 | 49.744 | 4.869 |
| 154 | 15457 | 15458 | SN | 1 | 0.0 | 48.616 | 6.292 | 0.0 | 51.968 | 7.919 | 0.0 | 42.332 | 6.25 | 0.0 | 44.708 | 7.883 | 0.0 | 47.856 | 6.514 | 0.0 | 53.959 | 7.504 | 0.0 | 42.922 | 6.307 | 0.0 | 46.508 | 7.648 |
| 155 | 15457 | 15458 | SN | 1 | 0.0 | 47.991 | 6.198 | 0.0 | 51.968 | 7.876 | 0.0 | 44.691 | 6.242 | 0.0 | 43.412 | 7.88 | 0.0 | 47.229 | 6.405 | 0.0 | 53.959 | 7.378 | 0.0 | 44.734 | 6.351 | 0.0 | 45.207 | 7.61 |
| 156 | 15457 | 15458 | SN | 1 | 0.0 | 50.327 | 6.332 | 0.0 | 45.213 | 7.838 | 0.0 | 42.841 | 6.343 | 0.0 | 41.899 | 7.862 | 0.0 | 50.941 | 6.453 | 0.0 | 42.515 | 7.484 | 0.0 | 39.491 | 6.357 | 0.0 | 39.398 | 7.619 |
| 157 | 15457 | 15458 | SN | 1 | 0.0 | 46.987 | 1.815 | 0.0 | 42.601 | 2.29 | 0.0 | 35.784 | 1.914 | 0.0 | 39.209 | 2.699 | 0.0 | 46.349 | 1.868 | 0.0 | 40.521 | 2.135 | 0.0 | 34.585 | 1.891 | 0.0 | 35.735 | 2.419 |
| 158 | 15457 | 15458 | SN | 1 | 0.0 | 46.984 | 1.827 | 0.0 | 42.706 | 2.318 | 0.0 | 39.051 | 1.886 | 0.0 | 40.299 | 2.692 | 0.0 | 46.348 | 1.872 | 0.0 | 39.549 | 2.166 | 0.0 | 38.39 | 1.889 | 0.0 | 37.729 | 2.347 |
| 159 | 15458 | 15459 | SN | 1 | 0.0 | 41.596 | 1.987 | 0.0 | 40.646 | 2.732 | 0.0 | 41.707 | 2.024 | 0.0 | 40.531 | 2.612 | 0.0 | 42.178 | 1.966 | 0.0 | 42.84 | 2.562 | 0.0 | 39.654 | 1.988 | 0.0 | 41.466 | 2.425 |
| 160 | 15458 | 15459 | NS | 1 | 0.0 | 47.827 | 4.509 | 0.034 | 51.469 | 5.37 | 0.0 | 41.822 | 4.145 | 0.0 | 50.025 | 5.191 | 0.0 | 48.679 | 4.61 | 0.065 | 53.134 | 5.39 | 0.0 | 40.639 | 4.088 | 0.0 | 50.868 | 4.879 |
| 161 | 15458 | 15459 | SN | 1 | 0.0 | 51.374 | 7.15 | 0.0 | 46.665 | 9.503 | 0.0 | 47.179 | 6.386 | 0.0 | 44.928 | 8.021 | 0.0 | 52.454 | 7.119 | 0.0 | 46.152 | 8.926 | 0.0 | 46.99 | 6.452 | 0.0 | 46.233 | 7.992 |
| 162 | 15458 | 15459 | SN | 1 | 0.0 | 50.791 | 7.211 | 0.0 | 47.262 | 9.501 | 0.0 | 46.975 | 6.364 | 0.0 | 44.928 | 7.883 | 0.0 | 51.87 | 7.18 | 0.0 | 46.75 | 8.913 | 0.0 | 46.788 | 6.357 | 0.0 | 44.029 | 7.79 |
| 163 | 15458 | 15459 | NS | 1 | 0.0 | 48.144 | 4.41 | 0.0 | 54.996 | 5.204 | 0.0 | 43.528 | 4.019 | 0.0 | 49.801 | 5.018 | 0.0 | 49.205 | 4.501 | 0.0 | 56.203 | 5.194 | 0.0 | 42.885 | 3.962 | 0.0 | 51.878 | 4.635 |
| 164 | 15458 | 15459 | SN | 1 | 0.0 | 41.662 | 1.982 | 0.0 | 41.834 | 2.761 | 0.0 | 41.446 | 2.007 | 0.0 | 39.574 | 2.628 | 0.0 | 40.751 | 1.966 | 0.0 | 42.631 | 2.609 | 0.0 | 42.484 | 1.964 | 0.0 | 39.728 | 2.44 |
| 165 | 15458 | 15459 | SN | 1 | 0.0 | 41.662 | 1.946 | 0.0 | 44.739 | 2.691 | 0.0 | 42.091 | 2.015 | 0.0 | 40.409 | 2.575 | 0.0 | 41.293 | 1.926 | 0.0 | 42.631 | 2.551 | 0.0 | 42.228 | 1.99 | 0.0 | 38.227 | 2.381 |
| 166 | 15458 | 15459 | NS | 1 | 0.0 | 44.784 | 1.138 | 0.0 | 55.05 | 1.61 | 0.0 | 41.467 | 1.096 | 0.0 | 48.096 | 1.551 | 0.0 | 46.119 | 1.134 | 0.0 | 53.349 | 1.576 | 0.0 | 41.07 | 1.073 | 0.0 | 45.958 | 1.429 |
| 167 | 15458 | 15459 | NS | 1 | 0.0 | 43.246 | 1.105 | 0.0 | 55.197 | 1.657 | 0.0 | 43.978 | 1.07 | 0.0 | 49.003 | 1.65 | 0.0 | 43.217 | 1.098 | 0.0 | 54.298 | 1.618 | 0.0 | 41.479 | 1.056 | 0.0 | 49.205 | 1.514 |
| 168 | 15458 | 15459 | SN | 1 | 0.0 | 50.619 | 7.261 | 0.0 | 48.344 | 9.521 | 0.0 | 43.587 | 6.364 | 0.0 | 44.872 | 7.904 | 0.0 | 51.697 | 7.211 | 0.0 | 49.457 | 8.913 | 0.0 | 43.398 | 6.428 | 0.0 | 45.069 | 7.755 |
| 169 | 15459 | 15460 | NS | 1 | 0.0 | 50.03 | 5.848 | 0.837 | 50.451 | 6.624 | 0.0 | 42.156 | 5.669 | 0.0 | 44.23 | 6.541 | 0.0 | 49.352 | 6.132 | 0.631 | 51.789 | 6.432 | 0.0 | 44.513 | 5.548 | 0.0 | 44.341 | 5.965 |
| 170 | 15459 | 15460 | SN | 1 | 0.0 | 47.369 | 8.753 | 0.0 | 49.216 | 10.479 | 0.0 | 47.456 | 7.247 | 0.0 | 46.378 | 8.86 | 0.0 | 48.237 | 8.815 | 0.0 | 48.888 | 10.325 | 0.0 | 47.828 | 7.5 | 0.0 | 46.225 | 8.882 |
| 171 | 15459 | 15460 | SN | 1 | 0.0 | 47.464 | 8.852 | 0.0 | 49.216 | 10.583 | 0.0 | 47.456 | 7.255 | 0.0 | 45.743 | 8.93 | 0.0 | 48.331 | 8.923 | 0.0 | 48.888 | 10.452 | 0.0 | 47.825 | 7.475 | 0.0 | 45.662 | 8.973 |
| 172 | 15459 | 15460 | SN | 1 | 0.0 | 49.717 | 2.518 | 0.0 | 48.395 | 3.356 | 0.0 | 46.314 | 2.197 | 0.0 | 40.414 | 2.919 | 0.0 | 49.042 | 2.534 | 0.0 | 49.967 | 3.264 | 0.0 | 43.139 | 2.206 | 0.0 | 38.395 | 2.8 |
| 173 | 15459 | 15460 | SN | 1 | 0.0 | 47.464 | 8.842 | 0.0 | 49.216 | 10.593 | 0.0 | 47.456 | 7.248 | 0.0 | 45.743 | 8.93 | 0.0 | 48.331 | 8.913 | 0.0 | 48.888 | 10.462 | 0.0 | 47.825 | 7.482 | 0.0 | 45.662 | 8.973 |
| 174 | 15459 | 15460 | NS | 1 | 0.0 | 54.303 | 1.667 | 0.0 | 46.627 | 2.066 | 0.0 | 43.862 | 1.494 | 0.0 | 49.018 | 2.127 | 0.0 | 54.326 | 1.685 | 0.0 | 48.027 | 1.955 | 0.0 | 45.28 | 1.423 | 0.0 | 44.0 | 1.853 |
| 175 | 15459 | 15460 | SN | 1 | 0.0 | 49.717 | 2.551 | 0.0 | 46.6 | 3.361 | 0.0 | 46.314 | 2.177 | 0.0 | 40.414 | 2.937 | 0.0 | 49.042 | 2.558 | 0.0 | 48.173 | 3.282 | 0.0 | 43.139 | 2.189 | 0.0 | 38.395 | 2.82 |

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

Normal
Alarming
Deviations
High Errors

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 176 | 15459 | 15460 | SN | 1 | 0.0 | 49.717 | 2.551 | 0.0 | 46.6 | 3.361 | 0.0 | 46.314 | 2.18 | 0.0 | 40.414 | 2.933 | 0.0 | 49.042 | 2.567 | 0.0 | 48.173 | 3.284 | 0.0 | 43.139 | 2.189 | 0.0 | 38.395 | 2.82 |
| 177 | 15460 | 15461 | SN | 1 | 0.0 | 43.047 | 4.4 | 0.088 | 49.908 | 6.814 | 0.0 | 46.261 | 3.782 | 0.0 | 47.778 | 5.268 | 0.0 | 42.039 | 4.506 | 0.068 | 48.877 | 6.283 | 0.0 | 48.592 | 3.493 | 0.0 | 47.184 | 4.686 |
| 178 | 15460 | 15461 | SN | 1 | 0.0 | 51.264 | 4.98 | 0.088 | 52.016 | 7.618 | 0.0 | 46.261 | 3.982 | 0.0 | 47.778 | 5.865 | 0.0 | 52.129 | 5.081 | 0.068 | 51.949 | 7.202 | 0.0 | 48.592 | 3.74 | 0.0 | 47.184 | 5.353 |
| 179 | 15460 | 15461 | SN | 1 | 0.0 | 48.395 | 4.991 | 0.005 | 49.908 | 7.587 | 0.0 | 46.993 | 3.925 | 0.0 | 47.756 | 5.872 | 0.0 | 50.05 | 5.062 | 0.12 | 51.103 | 7.162 | 0.0 | 49.323 | 3.669 | 0.0 | 47.182 | 5.374 |
| 180 | 15460 | 15461 | NS | 1 | 0.0 | 47.541 | 4.671 | 0.0 | 54.62 | 6.139 | 0.0 | 43.72 | 5.702 | 0.0 | 42.128 | 6.691 | 0.0 | 48.686 | 4.722 | 0.0 | 54.431 | 5.624 | 0.0 | 43.963 | 5.752 | 0.0 | 43.663 | 6.08 |
| 181 | 15460 | 15461 | NS | 1 | 0.0 | 48.166 | 4.611 | 0.0 | 50.556 | 6.119 | 0.0 | 48.29 | 5.766 | 0.0 | 47.103 | 6.698 | 0.0 | 49.31 | 4.692 | 0.0 | 52.519 | 5.583 | 0.0 | 48.534 | 5.745 | 0.0 | 48.864 | 6.016 |
| 182 | 15460 | 15461 | SN | 1 | 0.0 | 43.376 | 1.032 | 0.0 | 52.815 | 1.821 | 0.0 | 48.2 | 1.04 | 0.0 | 44.199 | 1.58 | 0.0 | 44.181 | 1.029 | 0.0 | 54.444 | 1.636 | 0.0 | 48.289 | 0.957 | 0.0 | 42.951 | 1.42 |
| 183 | 15460 | 15461 | SN | 1 | 0.0 | 48.559 | 1.141 | 0.0 | 52.815 | 2.003 | 0.0 | 48.2 | 1.094 | 0.0 | 44.199 | 1.667 | 0.0 | 49.501 | 1.146 | 0.0 | 54.444 | 1.851 | 0.0 | 48.289 | 1.014 | 0.0 | 42.951 | 1.553 |
| 184 | 15460 | 15461 | SN | 1 | 0.0 | 43.435 | 1.112 | 0.0 | 52.612 | 1.964 | 0.0 | 49.363 | 1.117 | 0.0 | 44.178 | 1.664 | 0.0 | 44.241 | 1.132 | 0.0 | 54.243 | 1.801 | 0.0 | 48.368 | 1.025 | 0.0 | 42.979 | 1.548 |
| 185 | 15460 | 15461 | NS | 1 | 0.0 | 42.3 | 1.466 | 0.0 | 54.317 | 1.995 | 0.0 | 39.875 | 1.804 | 0.0 | 49.719 | 2.236 | 0.0 | 41.35 | 1.477 | 0.0 | 54.519 | 1.846 | 0.0 | 38.701 | 1.724 | 0.0 | 49.498 | 1.922 |
| 186 | 15460 | 15461 | NS | 1 | 0.0 | 57.715 | 1.461 | 0.0 | 48.39 | 2.024 | 0.0 | 38.941 | 1.849 | 0.0 | 40.364 | 2.186 | 0.0 | 57.091 | 1.405 | 0.0 | 51.511 | 1.87 | 0.0 | 39.237 | 1.804 | 0.0 | 40.994 | 1.904 |
| 187 | 15461 | 15462 | NS | 1 | 0.0 | 43.847 | 4.265 | 0.0 | 49.574 | 5.754 | 0.0 | 42.207 | 4.017 | 0.0 | 43.661 | 5.363 | 0.0 | 44.024 | 4.285 | 0.0 | 50.563 | 5.33 | 0.0 | 41.877 | 4.081 | 0.0 | 42.204 | 4.823 |
| 188 | 15461 | 15462 | SN | 1 | 0.0 | 50.687 | 4.899 | 0.0 | 48.348 | 5.722 | 0.0 | 48.865 | 3.521 | 0.0 | 42.171 | 4.449 | 0.0 | 51.427 | 5.091 | 0.0 | 50.152 | 5.682 | 0.0 | 47.818 | 3.614 | 0.0 | 43.149 | 4.207 |
| 189 | 15461 | 15462 | SN | 1 | 0.0 | 49.55 | 4.919 | 0.0 | 49.759 | 5.732 | 0.0 | 48.865 | 3.5 | 0.0 | 41.967 | 4.456 | 0.0 | 50.317 | 5.131 | 0.0 | 50.152 | 5.702 | 0.0 | 47.818 | 3.585 | 0.0 | 39.994 | 4.235 |
| 190 | 15461 | 15462 | SN | 1 | 0.0 | 46.846 | 4.02 | 0.0 | 48.348 | 4.5 | 0.0 | 48.865 | 3.014 | 0.0 | 41.967 | 3.534 | 0.0 | 47.716 | 4.198 | 0.0 | 50.152 | 4.478 | 0.0 | 47.818 | 3.014 | 0.0 | 39.994 | 3.284 |
| 191 | 15461 | 15462 | NS | 1 | 0.0 | 46.882 | 1.098 | 0.0 | 47.131 | 1.529 | 0.0 | 38.157 | 1.199 | 0.0 | 41.302 | 1.752 | 0.0 | 45.78 | 1.068 | 0.0 | 45.055 | 1.364 | 0.0 | 37.881 | 1.151 | 0.0 | 41.448 | 1.5 |
| 192 | 15461 | 15462 | SN | 1 | 0.0 | 48.277 | 1.137 | 0.0 | 48.184 | 1.503 | 0.0 | 42.929 | 1.008 | 0.0 | 41.333 | 1.383 | 0.0 | 48.831 | 1.151 | 0.0 | 48.932 | 1.396 | 0.0 | 40.325 | 0.985 | 0.0 | 39.206 | 1.269 |
| 193 | 15461 | 15462 | SN | 1 | 0.0 | 43.915 | 1.137 | 0.0 | 48.836 | 1.512 | 0.0 | 45.511 | 0.993 | 0.0 | 41.333 | 1.392 | 0.0 | 42.555 | 1.151 | 0.0 | 48.932 | 1.385 | 0.0 | 42.657 | 0.97 | 0.0 | 38.771 | 1.28 |
| 194 | 15461 | 15462 | NS | 1 | 0.0 | 47.649 | 4.316 | 0.0 | 50.219 | 5.664 | 0.0 | 40.451 | 4.017 | 0.0 | 40.005 | 5.476 | 0.0 | 48.029 | 4.346 | 0.0 | 49.234 | 5.229 | 0.0 | 41.036 | 4.038 | 0.0 | 42.172 | 4.83 |
| 195 | 15461 | 15462 | SN | 1 | 0.0 | 43.915 | 0.922 | 0.0 | 48.184 | 1.188 | 0.0 | 45.511 | 0.915 | 0.0 | 41.333 | 1.07 | 0.0 | 42.555 | 0.93 | 0.0 | 48.932 | 1.096 | 0.0 | 42.657 | 0.865 | 0.0 | 38.771 | 0.965 |
| 196 | 15461 | 15462 | NS | 1 | 0.0 | 49.915 | 1.073 | 0.0 | 47.875 | 1.527 | 0.0 | 40.742 | 1.194 | 0.0 | 44.979 | 1.775 | 0.0 | 51.703 | 1.034 | 0.0 | 45.799 | 1.392 | 0.0 | 42.977 | 1.128 | 0.0 | 45.128 | 1.495 |
| 197 | 15462 | 15463 | NS | 1 | 0.0 | 47.061 | 1.833 | 0.0 | 50.092 | 2.497 | 0.0 | 45.828 | 1.619 | 0.0 | 51.121 | 2.396 | 0.0 | 48.383 | 1.855 | 0.0 | 48.831 | 2.327 | 0.0 | 43.896 | 1.592 | 0.0 | 51.721 | 2.137 |
| 198 | 15462 | 15463 | SN | 1 | 0.0 | 47.295 | 3.181 | 0.0 | 45.649 | 4.042 | 0.0 | 41.738 | 3.285 | 0.0 | 42.454 | 4.209 | 0.0 | 46.461 | 3.262 | 0.0 | 44.54 | 3.951 | 0.0 | 44.073 | 3.164 | 0.0 | 39.057 | 4.066 |
| 199 | 15462 | 15463 | NS | 1 | 0.0 | 49.359 | 6.59 | 0.0 | 51.91 | 8.085 | 0.0 | 43.992 | 6.025 | 0.0 | 48.254 | 7.625 | 0.0 | 51.171 | 6.722 | 0.0 | 51.528 | 7.772 | 0.0 | 44.793 | 5.969 | 0.0 | 48.173 | 7.241 |
| 200 | 15462 | 15463 | SN | 1 | 0.0 | 42.442 | 0.879 | 0.0 | 43.503 | 1.277 | 0.0 | 37.768 | 0.974 | 0.0 | 44.905 | 1.398 | 0.0 | 42.325 | 0.882 | 0.0 | 42.888 | 1.148 | 0.0 | 38.992 | 0.967 | 0.0 | 42.461 | 1.346 |
| 201 | 15463 | 15464 | NS | 1 | 0.0 | 48.681 | 1.699 | 0.0 | 49.851 | 2.35 | 0.0 | 40.112 | 1.602 | 0.0 | 48.118 | 2.149 | 0.0 | 51.312 | 1.665 | 0.0 | 48.954 | 2.242 | 0.0 | 42.429 | 1.547 | 0.0 | 46.378 | 1.987 |
| 202 | 15463 | 15464 | NS | 1 | 0.0 | 48.681 | 1.699 | 0.0 | 49.851 | 2.35 | 0.0 | 40.112 | 1.602 | 0.0 | 48.118 | 2.148 | 0.0 | 51.312 | 1.665 | 0.0 | 48.954 | 2.242 | 0.0 | 42.429 | 1.549 | 0.0 | 46.378 | 1.987 |
| 203 | 15463 | 15464 | SN | 1 | 0.0 | 52.558 | 4.09 | 0.166 | 48.656 | 5.368 | 0.0 | 44.566 | 3.894 | 0.0 | 43.553 | 4.846 | 0.0 | 53.468 | 4.059 | 0.071 | 49.286 | 5.155 | 0.0 | 44.124 | 3.852 | 0.0 | 43.971 | 4.398 |
| 204 | 15463 | 15464 | NS | 1 | 0.0 | 51.204 | 6.091 | 0.0 | 55.963 | 7.008 | 0.0 | 43.559 | 5.199 | 0.0 | 47.576 | 6.712 | 0.0 | 52.083 | 6.111 | 0.0 | 57.538 | 6.725 | 0.0 | 43.832 | 5.356 | 0.0 | 48.284 | 6.42 |
| 205 | 15463 | 15464 | SN | 1 | 0.0 | 50.151 | 0.974 | 0.0 | 46.084 | 1.246 | 0.0 | 43.011 | 1.018 | 0.0 | 41.871 | 1.48 | 0.0 | 49.624 | 0.974 | 0.0 | 43.665 | 1.181 | 0.0 | 41.219 | 1.014 | 0.0 | 42.06 | 1.279 |
| 206 | 15463 | 15464 | NS | 1 | 0.0 | 51.204 | 6.091 | 0.0 | 55.963 | 7.008 | 0.0 | 43.559 | 5.199 | 0.0 | 47.576 | 6.712 | 0.0 | 52.083 | 6.111 | 0.0 | 57.538 | 6.725 | 0.0 | 43.832 | 5.356 | 0.0 | 48.284 | 6.42 |
| 207 | 15464 | 15465 | SN | 1 | 0.0 | 47.714 | 1.63 | 0.0 | 47.431 | 2.239 | 0.0 | 38.444 | 1.43 | 0.0 | 40.323 | 1.944 | 0.0 | 49.736 | 1.652 | 0.0 | 48.925 | 2.117 | 0.0 | 39.034 | 1.389 | 0.0 | 41.007 | 1.727 |
| 208 | 15464 | 15465 | NS | 1 | 0.0 | 43.915 | 4.68 | 0.0 | 50.189 | 5.32 | 0.0 | 39.654 | 4.856 | 0.0 | 46.371 | 5.689 | 0.0 | 44.662 | 4.761 | 0.0 | 48.14 | 5.057 | 0.0 | 39.592 | 4.643 | 0.0 | 45.221 | 5.604 |
| 209 | 15464 | 15465 | NS | 1 | 0.0 | 43.85 | 4.587 | 0.0 | 50.742 | 5.297 | 0.0 | 39.654 | 4.771 | 0.0 | 46.371 | 5.719 | 0.0 | 44.599 | 4.699 | 0.0 | 48.697 | 5.043 | 0.0 | 39.092 | 4.592 | 0.0 | 45.221 | 5.454 |
| 210 | 15464 | 15465 | SN | 1 | 0.0 | 51.914 | 5.736 | 0.102 | 46.008 | 7.301 | 0.0 | 48.848 | 5.334 | 0.0 | 47.055 | 6.347 | 0.0 | 51.101 | 5.978 | 0.028 | 46.511 | 7.29 | 0.0 | 48.32 | 5.277 | 0.0 | 46.553 | 6.027 |
| 211 | 15464 | 15465 | SN | 1 | 0.0 | 51.913 | 5.685 | 0.0 | 46.008 | 7.28 | 0.0 | 44.365 | 5.298 | 0.0 | 47.064 | 6.326 | 0.0 | 51.101 | 5.938 | 0.0 | 46.516 | 7.27 | 0.0 | 45.577 | 5.249 | 0.0 | 46.563 | 6.02 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 212 | 15464 | 15465 | NS | 1 | 0.0 | 45.384 | 1.348 | 0.0 | 45.21 | 1.687 | 0.0 | 40.858 | 1.496 | 0.0 | 39.532 | 2.048 | 0.0 | 44.273 | 1.375 | 0.0 | 44.1 | 1.56 | 0.0 | 38.678 | 1.46 | 0.0 | 40.953 | 1.832 |
| 213 | 15464 | 15465 | NS | 1 | 0.0 | 43.85 | 4.559 | 0.0 | 50.742 | 5.27 | 0.0 | 39.654 | 4.742 | 0.0 | 46.371 | 5.689 | 0.0 | 44.599 | 4.67 | 0.0 | 48.697 | 5.017 | 0.0 | 39.092 | 4.565 | 0.0 | 45.221 | 5.427 |
| 214 | 15464 | 15465 | SN | 1 | 0.0 | 47.705 | 1.637 | 0.0 | 47.429 | 2.244 | 0.0 | 38.444 | 1.418 | 0.0 | 40.256 | 1.944 | 0.0 | 49.726 | 1.643 | 0.0 | 48.923 | 2.128 | 0.0 | 39.034 | 1.391 | 0.0 | 41.007 | 1.746 |
| 215 | 15464 | 15465 | NS | 1 | 0.0 | 45.384 | 1.339 | 0.0 | 45.21 | 1.676 | 0.0 | 40.858 | 1.487 | 0.0 | 39.532 | 2.035 | 0.0 | 44.273 | 1.366 | 0.0 | 44.1 | 1.55 | 0.0 | 38.678 | 1.451 | 0.0 | 40.953 | 1.821 |
| 216 | 15464 | 15465 | NS | 1 | 0.0 | 42.303 | 1.353 | 0.0 | 45.714 | 1.69 | 0.0 | 40.858 | 1.439 | 0.0 | 39.532 | 2.04 | 0.0 | 42.676 | 1.371 | 0.0 | 49.796 | 1.546 | 0.0 | 38.678 | 1.419 | 0.0 | 40.953 | 1.844 |
| 217 | 15465 | 15466 | SN | 1 | 0.0 | 51.312 | 4.292 | 0.337 | 46.811 | 5.894 | 0.0 | 46.63 | 4.004 | 0.0 | 41.354 | 5.581 | 0.0 | 51.558 | 4.313 | 0.011 | 45.841 | 5.499 | 0.0 | 46.327 | 3.947 | 0.0 | 40.254 | 4.941 |
| 218 | 15465 | 15466 | NS | 1 | 0.0 | 43.302 | 1.678 | 0.0 | 48.085 | 2.311 | 0.0 | 41.322 | 1.951 | 0.0 | 47.999 | 2.749 | 0.0 | 44.311 | 1.715 | 0.0 | 46.286 | 2.348 | 0.0 | 42.003 | 1.997 | 0.0 | 46.443 | 2.638 |
| 219 | 15465 | 15466 | SN | 1 | 0.0 | 51.543 | 4.313 | 0.337 | 47.097 | 5.925 | 0.0 | 46.63 | 4.06 | 0.0 | 40.432 | 5.61 | 0.0 | 51.804 | 4.303 | 0.011 | 50.917 | 5.56 | 0.0 | 46.327 | 4.011 | 0.0 | 40.105 | 4.976 |
| 220 | 15465 | 15466 | NS | 1 | 0.0 | 52.996 | 5.896 | 0.0 | 52.893 | 7.525 | 0.0 | 42.23 | 6.178 | 0.0 | 44.487 | 7.394 | 0.0 | 51.86 | 6.018 | 0.0 | 54.033 | 7.333 | 0.0 | 43.39 | 6.349 | 0.0 | 44.679 | 7.373 |
| 221 | 15465 | 15466 | NS | 1 | 0.0 | 53.706 | 5.886 | 0.0 | 53.05 | 7.414 | 0.0 | 42.23 | 6.292 | 0.0 | 47.351 | 7.266 | 0.0 | 54.908 | 5.967 | 0.0 | 54.187 | 7.343 | 0.0 | 43.39 | 6.441 | 0.0 | 45.16 | 7.287 |
| 222 | 15465 | 15466 | NS | 1 | 0.0 | 43.302 | 1.624 | 0.0 | 48.085 | 2.241 | 0.0 | 41.322 | 1.891 | 0.0 | 47.999 | 2.665 | 0.0 | 44.311 | 1.66 | 0.0 | 46.286 | 2.277 | 0.0 | 42.003 | 1.93 | 0.0 | 46.443 | 2.557 |
| 223 | 15465 | 15466 | NS | 1 | 0.0 | 41.121 | 1.656 | 0.0 | 47.983 | 2.245 | 0.0 | 39.725 | 1.888 | 0.0 | 45.138 | 2.642 | 0.0 | 40.953 | 1.671 | 0.0 | 46.76 | 2.245 | 0.0 | 40.081 | 1.916 | 0.0 | 44.726 | 2.555 |
| 224 | 15465 | 15466 | SN | 1 | 0.0 | 41.46 | 1.141 | 0.0 | 49.733 | 1.638 | 0.0 | 37.188 | 1.077 | 0.0 | 44.19 | 1.665 | 0.0 | 41.398 | 1.132 | 0.0 | 47.09 | 1.525 | 0.0 | 36.866 | 1.004 | 0.0 | 44.215 | 1.429 |
| 225 | 15465 | 15466 | SN | 1 | 0.0 | 40.62 | 1.121 | 0.0 | 43.683 | 1.668 | 0.0 | 38.97 | 1.073 | 0.0 | 44.147 | 1.689 | 0.0 | 40.549 | 1.108 | 0.0 | 47.09 | 1.527 | 0.0 | 39.146 | 1.002 | 0.0 | 41.1 | 1.427 |
| 226 | 15465 | 15466 | NS | 1 | 0.0 | 53.706 | 6.086 | 0.0 | 53.05 | 7.655 | 0.0 | 42.23 | 6.511 | 0.0 | 47.351 | 7.474 | 0.0 | 54.908 | 6.169 | 0.0 | 54.187 | 7.582 | 0.0 | 43.39 | 6.665 | 0.0 | 45.16 | 7.511 |
| 227 | 15466 | 15467 | SN | 1 | 0.0 | 53.376 | 4.615 | 0.0 | 45.123 | 5.68 | 0.0 | 40.832 | 4.309 | 0.0 | 43.817 | 6.016 | 0.0 | 53.776 | 4.615 | 0.0 | 44.176 | 5.589 | 0.0 | 39.329 | 4.366 | 0.0 | 47.006 | 5.617 |
| 228 | 15466 | 15467 | SN | 1 | 0.0 | 43.881 | 1.144 | 0.0 | 41.314 | 1.48 | 0.0 | 38.941 | 1.383 | 0.0 | 41.173 | 2.021 | 0.0 | 44.226 | 1.123 | 0.0 | 40.867 | 1.399 | 0.0 | 40.628 | 1.291 | 0.0 | 39.774 | 1.795 |
| 229 | 15466 | 15467 | SN | 1 | 0.0 | 54.734 | 4.615 | 0.0 | 46.774 | 5.722 | 0.0 | 42.273 | 4.387 | 0.0 | 44.667 | 5.987 | 0.0 | 55.133 | 4.575 | 0.0 | 44.692 | 5.59 | 0.0 | 45.59 | 4.423 | 0.0 | 46.825 | 5.603 |
| 230 | 15466 | 15467 | NS | 1 | 0.0 | 49.106 | 5.72 | 0.0 | 53.265 | 7.033 | 0.0 | 44.063 | 5.915 | 0.0 | 41.439 | 7.361 | 0.0 | 51.266 | 5.71 | 0.0 | 52.354 | 6.71 | 0.0 | 42.882 | 5.779 | 0.0 | 42.955 | 6.943 |
| 231 | 15466 | 15467 | NS | 1 | 0.0 | 49.106 | 5.72 | 0.0 | 53.265 | 7.033 | 0.0 | 44.063 | 5.915 | 0.0 | 41.439 | 7.361 | 0.0 | 51.266 | 5.71 | 0.0 | 52.354 | 6.71 | 0.0 | 42.882 | 5.779 | 0.0 | 42.955 | 6.943 |
| 232 | 15466 | 15467 | NS | 1 | 0.0 | 45.31 | 1.963 | 0.0 | 45.35 | 2.632 | 0.0 | 40.603 | 2.065 | 0.0 | 39.891 | 2.766 | 0.0 | 43.521 | 1.943 | 0.0 | 45.675 | 2.41 | 0.0 | 39.24 | 1.955 | 0.0 | 37.657 | 2.412 |
| 233 | 15466 | 15467 | NS | 1 | 0.0 | 49.106 | 6.144 | 0.0 | 50.692 | 7.57 | 0.0 | 44.063 | 6.343 | 0.0 | 41.439 | 7.907 | 0.0 | 51.266 | 6.144 | 0.0 | 50.33 | 7.222 | 0.0 | 42.882 | 6.197 | 0.0 | 42.955 | 7.465 |
| 234 | 15466 | 15467 | NS | 1 | 0.0 | 45.31 | 1.829 | 0.0 | 52.278 | 2.45 | 0.0 | 40.603 | 1.928 | 0.0 | 39.891 | 2.579 | 0.0 | 43.521 | 1.811 | 0.0 | 51.501 | 2.245 | 0.0 | 39.24 | 1.82 | 0.0 | 37.657 | 2.246 |
| 235 | 15466 | 15467 | NS | 1 | 0.0 | 45.31 | 1.829 | 0.0 | 52.278 | 2.45 | 0.0 | 40.603 | 1.928 | 0.0 | 39.891 | 2.579 | 0.0 | 43.521 | 1.811 | 0.0 | 51.501 | 2.245 | 0.0 | 39.24 | 1.82 | 0.0 | 37.657 | 2.246 |
| 236 | 15466 | 15467 | SN | 1 | 0.0 | 43.297 | 1.132 | 0.0 | 42.969 | 1.489 | 0.0 | 36.961 | 1.415 | 0.0 | 41.549 | 2.012 | 0.0 | 44.34 | 1.121 | 0.0 | 41.201 | 1.423 | 0.0 | 37.999 | 1.328 | 0.0 | 39.445 | 1.776 |
| 237 | 15467 | 15468 | SN | 1 | 0.0 | 48.339 | 6.997 | 0.0 | 47.584 | 8.241 | 0.0 | 44.981 | 5.831 | 0.0 | 43.457 | 6.979 | 0.0 | 48.263 | 7.017 | 0.0 | 46.894 | 8.13 | 0.0 | 44.789 | 5.647 | 0.0 | 43.401 | 6.722 |
| 238 | 15467 | 15468 | NS | 1 | 0.0 | 46.416 | 2.636 | 0.0 | 50.998 | 3.456 | 0.0 | 46.511 | 2.616 | 0.0 | 46.77 | 3.808 | 0.0 | 45.615 | 2.623 | 0.0 | 50.418 | 3.256 | 0.0 | 45.04 | 2.602 | 0.0 | 44.047 | 3.494 |
| 239 | 15467 | 15468 | NS | 1 | 0.0 | 47.173 | 8.658 | 0.0 | 49.857 | 10.277 | 0.0 | 47.25 | 7.69 | 0.0 | 47.861 | 9.761 | 0.0 | 48.008 | 8.84 | 0.0 | 51.397 | 9.66 | 0.0 | 47.441 | 7.64 | 0.0 | 49.412 | 9.64 |
| 240 | 15467 | 15468 | SN | 1 | 0.0 | 43.028 | 1.693 | 0.0 | 44.3 | 2.305 | 0.0 | 41.675 | 1.809 | 0.0 | 38.27 | 2.322 | 0.0 | 43.985 | 1.718 | 0.0 | 42.346 | 2.151 | 0.0 | 41.176 | 1.795 | 0.0 | 42.322 | 2.169 |
| 241 | 15467 | 15468 | SN | 1 | 0.0 | 46.173 | 6.106 | 0.0 | 51.224 | 7.865 | 0.0 | 42.36 | 5.087 | 0.0 | 42.165 | 6.701 | 0.0 | 45.531 | 6.14 | 0.0 | 51.087 | 7.611 | 0.0 | 45.191 | 4.854 | 0.0 | 41.613 | 6.592 |
| 242 | 15467 | 15468 | SN | 1 | 0.0 | 44.481 | 1.727 | 0.0 | 48.576 | 2.314 | 0.0 | 41.702 | 1.781 | 0.0 | 38.868 | 2.379 | 0.0 | 45.458 | 1.752 | 0.0 | 44.899 | 2.166 | 0.0 | 39.612 | 1.772 | 0.0 | 39.177 | 2.244 |
| 243 | 15467 | 15468 | SN | 1 | 0.0 | 45.437 | 1.514 | 0.0 | 42.352 | 2.271 | 0.0 | 36.802 | 1.7 | 0.0 | 38.27 | 2.361 | 0.0 | 45.67 | 1.512 | 0.0 | 42.346 | 2.152 | 0.0 | 41.176 | 1.682 | 0.0 | 42.322 | 2.217 |
| 244 | 15467 | 15468 | NS | 1 | 0.0 | 47.281 | 8.668 | 0.0 | 49.736 | 10.297 | 0.0 | 47.295 | 7.618 | 0.0 | 47.861 | 9.761 | 0.0 | 48.116 | 8.85 | 0.0 | 51.454 | 9.711 | 0.0 | 47.034 | 7.654 | 0.0 | 49.48 | 9.619 |
| 245 | 15467 | 15468 | SN | 1 | 0.0 | 46.347 | 6.987 | 0.0 | 47.822 | 8.282 | 0.0 | 42.321 | 5.824 | 0.0 | 41.017 | 6.914 | 0.0 | 47.658 | 7.017 | 0.0 | 46.59 | 8.009 | 0.0 | 40.371 | 5.625 | 0.0 | 40.348 | 6.708 |
| 246 | 15467 | 15468 | NS | 1 | 0.0 | 47.173 | 9.801 | 0.0 | 49.857 | 11.675 | 0.0 | 47.25 | 8.614 | 0.0 | 47.861 | 11.061 | 0.0 | 48.008 | 10.008 | 0.0 | 51.397 | 10.996 | 0.0 | 47.441 | 8.534 | 0.0 | 49.412 | 10.964 |
| 247 | 15467 | 15468 | NS | 1 | 0.0 | 46.416 | 2.328 | 0.0 | 50.998 | 3.061 | 0.0 | 46.511 | 2.318 | 0.0 | 46.77 | 3.36 | 0.0 | 45.615 | 2.321 | 0.0 | 50.418 | 2.88 | 0.0 | 45.04 | 2.307 | 0.0 | 44.047 | 3.086 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248 | 15467 | 15468 | NS | 1 | 0.0 | 46.416 | 2.346 | 0.0 | 50.998 | 3.063 | 0.0 | 41.124 | 2.314 | 0.0 | 47.089 | 3.371 | 0.0 | 45.615 | 2.35 | 0.0 | 50.417 | 2.864 | 0.0 | 41.706 | 2.302 | 0.0 | 43.971 | 3.121 |
| 249 | 15468 | 15469 | NS | 1 | 0.0 | 48.52 | 7.71 | 0.0 | 54.258 | 9.435 | 0.0 | 41.588 | 6.735 | 0.0 | 52.013 | 9.012 | 0.0 | 49.665 | 7.812 | 0.0 | 56.272 | 9.313 | 0.0 | 42.426 | 6.493 | 0.0 | 56.29 | 8.593 |
| 250 | 15468 | 15469 | NS | 1 | 0.0 | 48.704 | 7.63 | 0.0 | 54.273 | 9.403 | 0.0 | 44.12 | 6.77 | 0.0 | 51.995 | 8.984 | 0.0 | 50.433 | 7.762 | 0.0 | 56.238 | 9.353 | 0.0 | 42.921 | 6.55 | 0.0 | 56.272 | 8.543 |
| 251 | 15468 | 15469 | NS | 1 | 0.0 | 49.13 | 2.241 | 0.0 | 54.543 | 3.261 | 0.0 | 42.12 | 1.913 | 0.0 | 45.008 | 2.838 | 0.0 | 47.81 | 2.243 | 0.0 | 52.76 | 3.114 | 0.0 | 43.191 | 1.856 | 0.0 | 44.254 | 2.606 |
| 252 | 15468 | 15469 | NS | 1 | 0.0 | 45.901 | 2.237 | 0.0 | 54.541 | 3.247 | 0.0 | 41.757 | 1.924 | 0.0 | 40.573 | 2.875 | 0.0 | 44.645 | 2.223 | 0.0 | 52.757 | 3.112 | 0.0 | 39.987 | 1.847 | 0.0 | 39.56 | 2.638 |

| 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 | 15439 | 15440 | SN | 1 | 0.0 | 23.306 | 5.96 | 0.0 | 126.897 | 6.97 | 0.0 | 149.65 | 2.101 | 0.0 | 12.971 | 3.234 | 0.0 | 1.428 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.123 | 0.0 |
| 2 | 15439 | 15440 | SN | 1 | 0.0 | 29.847 | 12.729 | 0.0 | 52.82 | 12.379 | 0.0 | 138.09 | 10.782 | 0.0 | 15.778 | 12.022 | 0.0 | 1.44 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.122 | 0.0 |
| 3 | 15439 | 15440 | SN | 1 | 0.0 | 29.847 | 12.701 | 0.0 | 52.82 | 12.938 | 0.0 | 138.09 | 10.526 | 0.0 | 84.479 | 12.825 | 0.0 | 1.44 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.122 | 0.0 |
| 4 | 15439 | 15440 | SN | 1 | 0.0 | 29.847 | 12.701 | 0.0 | 52.82 | 12.938 | 0.0 | 138.09 | 10.526 | 0.0 | 84.479 | 12.825 | 0.0 | 1.44 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.122 | 0.0 |
| 5 | 15439 | 15440 | SN | 1 | 0.0 | 23.306 | 5.948 | 0.0 | 126.897 | 7.091 | 0.0 | 149.65 | 2.064 | 0.0 | 64.79 | 3.417 | 0.0 | 1.428 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.123 | 0.0 |
| 6 | 15439 | 15440 | SN | 1 | 0.0 | 23.306 | 5.948 | 0.0 | 126.897 | 7.091 | 0.0 | 149.65 | 2.064 | 0.0 | 64.79 | 3.417 | 0.0 | 1.428 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.123 | 0.0 |
| 7 | 15440 | 15441 | NS | 1 | 0.0 | 24.812 | 9.921 | 0.0 | 58.194 | 14.56 | 0.0 | 204.681 | 10.769 | 0.0 | 83.685 | 13.137 | 0.0 | 1.421 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.163 | 0.0 |
| 8 | 15440 | 15441 | SN | 1 | 0.0 | 23.301 | 5.967 | 0.0 | 25.65 | 7.088 | 0.0 | 134.781 | 2.074 | 0.0 | 233.723 | 3.321 | 0.0 | 1.428 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.124 | 0.0 |
| 9 | 15440 | 15441 | SN | 1 | 0.0 | 29.946 | 12.711 | 0.0 | 239.089 | 12.911 | 0.0 | 131.809 | 10.515 | 0.0 | 95.743 | 12.779 | 0.0 | 1.441 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.123 | 0.0 |
| 10 | 15440 | 15441 | SN | 1 | 0.0 | 23.301 | 5.952 | 0.0 | 26.662 | 7.114 | 0.0 | 134.781 | 2.063 | 0.0 | 233.723 | 3.426 | 0.0 | 1.428 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.124 | 0.0 |
| 11 | 15440 | 15441 | SN | 1 | 0.0 | 29.946 | 12.734 | 0.0 | 239.089 | 12.748 | 0.0 | 131.809 | 10.595 | 0.0 | 95.743 | 12.526 | 0.0 | 1.441 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.123 | 0.0 |
| 12 | 15440 | 15441 | NS | 1 | 0.0 | 25.799 | 6.041 | 0.0 | 58.139 | 7.241 | 0.0 | 263.239 | 2.74 | 0.0 | 81.032 | 3.483 | 0.0 | 1.442 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.163 | 0.0 |
| 13 | 15441 | 15442 | SN | 1 | 0.0 | 29.897 | 12.726 | 0.0 | 26.489 | 12.99 | 0.0 | 166.228 | 10.501 | 0.0 | 78.649 | 12.819 | 0.0 | 1.432 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.126 | 0.0 |
| 14 | 15441 | 15442 | SN | 1 | 0.0 | 29.897 | 12.749 | 0.0 | 26.025 | 12.828 | 0.0 | 166.228 | 10.569 | 0.0 | 20.163 | 12.574 | 0.0 | 1.432 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.126 | 0.0 |
| 15 | 15441 | 15442 | SN | 1 | 0.0 | 29.897 | 12.749 | 0.0 | 26.025 | 12.828 | 0.0 | 166.228 | 10.569 | 0.0 | 20.163 | 12.574 | 0.0 | 1.432 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.126 | 0.0 |
| 16 | 15441 | 15442 | NS | 1 | 0.0 | 24.602 | 9.877 | 0.0 | 35.55 | 14.471 | 0.0 | 347.635 | 10.715 | 0.0 | 74.899 | 12.977 | 0.0 | 1.412 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 17 | 15441 | 15442 | NS | 1 | 0.0 | 24.602 | 9.857 | 0.0 | 35.55 | 14.471 | 0.0 | 347.635 | 10.722 | 0.0 | 74.883 | 12.984 | 0.0 | 1.412 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.158 | 0.0 |
| 18 | 15441 | 15442 | NS | 1 | 0.0 | 26.695 | 6.011 | 0.0 | 24.613 | 7.177 | 0.0 | 355.174 | 2.699 | 0.0 | 55.073 | 3.456 | 0.0 | 1.447 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.161 | 0.0 |
| 19 | 15441 | 15442 | NS | 1 | 0.0 | 26.695 | 6.008 | 0.0 | 24.619 | 7.175 | 0.0 | 355.169 | 2.702 | 0.0 | 55.078 | 3.459 | 0.0 | 1.448 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.161 | 0.0 |
| 20 | 15441 | 15442 | SN | 1 | 0.0 | 23.301 | 5.97 | 0.0 | 26.693 | 7.186 | 0.0 | 166.961 | 2.086 | 0.0 | 49.607 | 3.405 | 0.0 | 1.427 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.123 | 0.0 |
| 21 | 15441 | 15442 | SN | 1 | 0.0 | 23.301 | 5.974 | 0.0 | 25.954 | 7.169 | 0.0 | 166.961 | 2.094 | 0.0 | 14.135 | 3.31 | 0.0 | 1.427 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.123 | 0.0 |
| 22 | 15441 | 15442 | SN | 1 | 0.0 | 23.301 | 5.974 | 0.0 | 25.954 | 7.169 | 0.0 | 166.961 | 2.094 | 0.0 | 14.135 | 3.31 | 0.0 | 1.427 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.123 | 0.0 |
| 23 | 15442 | 15443 | SN | 1 | 0.0 | 23.301 | 5.979 | 0.0 | 26.709 | 7.223 | 0.0 | 148.513 | 2.088 | 0.0 | 52.547 | 3.424 | 0.0 | 1.429 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.125 | 0.0 |
| 24 | 15442 | 15443 | SN | 1 | 0.0 | 29.891 | 12.815 | 0.0 | 26.02 | 12.732 | 0.0 | 161.396 | 10.648 | 0.0 | 256.71 | 12.5 | 0.0 | 1.439 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.127 | 0.0 |
| 25 | 15442 | 15443 | NS | 1 | 0.0 | 258.518 | 6.014 | 0.0 | 24.613 | 7.174 | 0.0 | 140.577 | 2.704 | 0.0 | 51.168 | 3.419 | 0.0 | 1.447 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.161 | 0.0 |
| 26 | 15442 | 15443 | NS | 1 | 0.0 | 142.659 | 9.89 | 0.0 | 31.231 | 14.492 | 0.0 | 171.806 | 10.669 | 0.0 | 72.291 | 12.968 | 0.0 | 1.432 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.163 | 0.0 |
| 27 | 15442 | 15443 | SN | 1 | 0.0 | 29.891 | 12.817 | 0.0 | 26.505 | 12.911 | 0.0 | 161.396 | 10.559 | 0.0 | 256.71 | 12.86 | 0.0 | 1.439 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.127 | 0.0 |
| 28 | 15442 | 15443 | SN | 1 | 0.0 | 29.891 | 12.817 | 0.0 | 26.505 | 12.911 | 0.0 | 161.396 | 10.559 | 0.0 | 256.71 | 12.86 | 0.0 | 1.439 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.127 | 0.0 |
| 29 | 15442 | 15443 | SN | 1 | 0.0 | 23.301 | 6.0 | 0.0 | 25.496 | 7.199 | 0.0 | 148.513 | 2.107 | 0.0 | 13.071 | 3.316 | 0.0 | 1.429 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.125 | 0.0 |
| 30 | 15442 | 15443 | SN | 1 | 0.0 | 23.301 | 5.979 | 0.0 | 26.709 | 7.223 | 0.0 | 148.513 | 2.086 | 0.0 | 52.547 | 3.424 | 0.0 | 1.429 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.125 | 0.0 |
| 31 | 15443 | 15444 | NS | 1 | 0.0 | 271.457 | 9.859 | 0.0 | 31.248 | 14.458 | 0.0 | 355.599 | 10.654 | 0.0 | 78.567 | 12.99 | 0.0 | 1.433 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.162 | 0.0 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 15443 | 15444 | NS | 1 | 0.0 | 57.607 | 5.998 | 0.0 | 24.602 | 7.176 | 0.0 | 319.299 | 2.674 | 0.0 | 65.132 | 3.411 | 0.0 | 1.447 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.162 | 0.0 |
| 33 | 15443 | 15444 | SN | 1 | 0.0 | 29.836 | 12.814 | 0.0 | 206.87 | 12.659 | 0.0 | 137.445 | 10.723 | 0.0 | 273.266 | 12.331 | 0.0 | 1.434 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.127 | 0.0 |
| 34 | 15443 | 15444 | SN | 1 | 0.0 | 29.836 | 12.808 | 0.0 | 206.87 | 12.944 | 0.0 | 137.445 | 10.58 | 0.0 | 273.266 | 12.881 | 0.0 | 1.434 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.127 | 0.0 |
| 35 | 15443 | 15444 | SN | 1 | 0.0 | 29.842 | 12.787 | 0.0 | 126.611 | 12.965 | 0.0 | 137.5 | 10.602 | 0.0 | 272.405 | 12.881 | 0.0 | 1.433 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.127 | 0.0 |
| 36 | 15443 | 15444 | SN | 1 | 0.0 | 23.317 | 5.986 | 0.0 | 120.908 | 7.245 | 0.0 | 166.283 | 2.086 | 0.0 | 170.94 | 3.449 | 0.0 | 1.428 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.125 | 0.0 |
| 37 | 15443 | 15444 | NS | 1 | 0.0 | 142.044 | 6.004 | 0.0 | 24.608 | 7.167 | 0.0 | 315.345 | 2.682 | 0.0 | 73.123 | 3.415 | 0.0 | 1.442 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.161 | 0.0 |
| 38 | 15443 | 15444 | NS | 1 | 0.0 | 271.363 | 9.925 | 0.127 | 31.331 | 14.474 | 0.0 | 134.194 | 10.678 | 0.0 | 72.34 | 13.025 | 0.0 | 1.406 | 0.0 | 0.001 | 1.804 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.163 | 0.0 |
| 39 | 15443 | 15444 | SN | 1 | 0.0 | 23.317 | 5.997 | 0.0 | 120.908 | 7.183 | 0.0 | 166.283 | 2.11 | 0.0 | 170.94 | 3.317 | 0.0 | 1.428 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.125 | 0.0 |
| 40 | 15443 | 15444 | SN | 1 | 0.0 | 23.317 | 5.988 | 0.0 | 26.698 | 7.247 | 0.0 | 166.294 | 2.084 | 0.0 | 60.298 | 3.453 | 0.0 | 1.427 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.125 | 0.0 |
| 41 | 15444 | 15445 | SN | 1 | 0.0 | 23.295 | 5.983 | 0.0 | 188.842 | 7.12 | 0.0 | 202.191 | 2.136 | 0.0 | 60.508 | 3.28 | 0.0 | 1.43 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.125 | 0.0 |
| 42 | 15444 | 15445 | NS | 1 | 0.0 | 235.416 | 6.02 | 0.0 | 24.608 | 7.205 | 0.0 | 325.708 | 2.685 | 0.0 | 68.127 | 3.444 | 0.0 | 1.449 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.162 | 0.0 |
| 43 | 15444 | 15445 | SN | 1 | 0.0 | 29.952 | 12.807 | 0.0 | 33.22 | 13.095 | 0.0 | 138.107 | 10.633 | 0.0 | 245.823 | 12.915 | 0.0 | 1.443 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.123 | 0.0 |
| 44 | 15444 | 15445 | SN | 1 | 0.0 | 23.295 | 5.972 | 0.0 | 188.842 | 7.22 | 0.0 | 202.191 | 2.103 | 0.0 | 61.597 | 3.456 | 0.0 | 1.43 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.125 | 0.0 |
| 45 | 15444 | 15445 | SN | 1 | 0.0 | 29.952 | 12.814 | 0.0 | 90.694 | 12.561 | 0.0 | 137.991 | 10.875 | 0.0 | 245.845 | 12.157 | 0.0 | 1.445 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.124 | 0.0 |
| 46 | 15444 | 15445 | NS | 1 | 0.0 | 217.912 | 9.975 | 0.11 | 31.276 | 14.533 | 0.0 | 339.424 | 10.74 | 0.0 | 72.428 | 12.996 | 0.0 | 1.426 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.163 | 0.0 |
| 47 | 15444 | 15445 | NS | 1 | 0.0 | 128.635 | 9.941 | 0.0 | 35.279 | 14.507 | 0.0 | 328.796 | 10.757 | 0.0 | 71.485 | 12.963 | 0.0 | 1.418 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.164 | 0.0 |
| 48 | 15444 | 15445 | SN | 1 | 0.0 | 23.301 | 5.981 | 0.0 | 38.624 | 7.22 | 0.0 | 202.235 | 2.107 | 0.0 | 153.199 | 3.45 | 0.0 | 1.429 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.125 | 0.0 |
| 49 | 15444 | 15445 | SN | 1 | 0.0 | 29.952 | 12.776 | 0.0 | 90.694 | 13.084 | 0.0 | 137.991 | 10.64 | 0.0 | 245.845 | 12.894 | 0.0 | 1.445 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.124 | 0.0 |
| 50 | 15444 | 15445 | NS | 1 | 0.0 | 186.961 | 6.023 | 0.0 | 24.608 | 7.208 | 0.0 | 334.151 | 2.691 | 0.0 | 90.082 | 3.443 | 0.0 | 1.449 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.162 | 0.0 |
| 51 | 15445 | 15446 | SN | 1 | 0.0 | 23.301 | 5.97 | 0.0 | 26.621 | 7.22 | 0.0 | 135.057 | 2.084 | 0.0 | 189.44 | 3.438 | 0.0 | 1.43 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.124 | 0.0 |
| 52 | 15445 | 15446 | NS | 1 | 0.0 | 123.594 | 6.017 | 0.0 | 24.608 | 7.201 | 0.0 | 354.943 | 2.679 | 0.0 | 146.352 | 3.45 | 0.0 | 1.441 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.162 | 0.0 |
| 53 | 15445 | 15446 | SN | 1 | 0.0 | 23.301 | 5.972 | 0.0 | 26.693 | 7.24 | 0.0 | 135.239 | 2.088 | 0.0 | 246.027 | 3.441 | 0.0 | 1.429 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.124 | 0.0 |
| 54 | 15445 | 15446 | NS | 1 | 0.0 | 269.11 | 6.029 | 0.0 | 24.602 | 7.207 | 0.0 | 354.943 | 2.687 | 0.0 | 37.86 | 3.441 | 0.0 | 1.44 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.163 | 0.0 |
| 55 | 15445 | 15446 | SN | 1 | 0.0 | 29.853 | 12.74 | 0.0 | 27.239 | 12.982 | 0.0 | 138.603 | 10.58 | 0.0 | 175.854 | 12.951 | 0.0 | 1.433 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.123 | 0.0 |
| 56 | 15445 | 15446 | SN | 1 | 0.0 | 29.853 | 12.751 | 0.0 | 27.239 | 13.004 | 0.0 | 138.421 | 10.623 | 0.0 | 116.675 | 12.915 | 0.0 | 1.436 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.123 | 0.0 |
| 57 | 15445 | 15446 | NS | 1 | 0.0 | 152.978 | 9.965 | 0.127 | 31.303 | 14.524 | 0.0 | 353.514 | 10.748 | 0.0 | 70.862 | 13.025 | 0.0 | 1.428 | 0.0 | 0.001 | 1.804 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.163 | 0.0 |
| 58 | 15445 | 15446 | NS | 1 | 0.0 | 153.0 | 9.961 | 0.0 | 35.406 | 14.507 | 0.0 | 355.329 | 10.779 | 0.0 | 66.362 | 12.984 | 0.0 | 1.411 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.164 | 0.0 |
| 59 | 15445 | 15446 | SN | 1 | 0.0 | 23.301 | 5.995 | 0.0 | 25.507 | 7.092 | 0.0 | 135.057 | 2.133 | 0.0 | 189.44 | 3.211 | 0.0 | 1.43 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.124 | 0.0 |
| 60 | 15445 | 15446 | SN | 1 | 0.0 | 29.853 | 12.81 | 0.0 | 25.805 | 12.391 | 0.0 | 138.421 | 10.935 | 0.0 | 116.675 | 11.967 | 0.0 | 1.436 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.123 | 0.0 |
| 61 | 15446 | 15447 | SN | 1 | 0.0 | 29.963 | 12.786 | 0.0 | 241.047 | 12.963 | 0.0 | 143.798 | 10.515 | 0.0 | 36.719 | 12.816 | 0.0 | 1.443 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.125 | 0.0 |
| 62 | 15446 | 15447 | SN | 1 | 0.0 | 23.29 | 5.972 | 0.0 | 116.706 | 7.18 | 0.0 | 124.429 | 2.076 | 0.0 | 44.958 | 3.43 | 0.0 | 1.429 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.123 | 0.0 |
| 63 | 15446 | 15447 | SN | 1 | 0.0 | 23.29 | 5.972 | 0.0 | 116.706 | 7.177 | 0.0 | 124.429 | 2.076 | 0.0 | 44.991 | 3.432 | 0.0 | 1.429 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.123 | 0.0 |
| 64 | 15446 | 15447 | SN | 1 | 0.0 | 23.29 | 6.011 | 0.0 | 116.706 | 7.045 | 0.0 | 124.429 | 2.121 | 0.0 | 12.977 | 3.155 | 0.0 | 1.429 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.123 | 0.0 |
| 65 | 15446 | 15447 | SN | 1 | 0.0 | 29.963 | 12.868 | 0.0 | 241.047 | 12.242 | 0.0 | 143.798 | 10.847 | 0.0 | 14.471 | 11.789 | 0.0 | 1.443 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.125 | 0.0 |
| 66 | 15446 | 15447 | SN | 1 | 0.0 | 29.963 | 12.782 | 0.0 | 241.047 | 12.991 | 0.0 | 143.798 | 10.515 | 0.0 | 81.622 | 12.861 | 0.0 | 1.443 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.125 | 0.0 |
| 67 | 15446 | 15447 | NS | 1 | 0.0 | 24.757 | 9.92 | 0.0 | 35.555 | 14.527 | 0.0 | 352.847 | 10.743 | 0.0 | 76.074 | 13.005 | 0.0 | 1.423 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.159 | 0.0 |
| 68 | 15446 | 15447 | NS | 1 | 0.0 | 24.757 | 9.92 | 0.0 | 35.555 | 14.527 | 0.0 | 352.847 | 10.743 | 0.0 | 76.074 | 13.005 | 0.0 | 1.423 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.159 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | 15446 | 15447 | NS | 1 | 0.0 | 25.579 | 6.03 | 0.0 | 24.613 | 7.212 | 0.0 | 345.181 | 2.693 | 0.0 | 49.734 | 3.465 | 0.0 | 1.422 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.162 | 0.0 |
| 70 | 15446 | 15447 | NS | 1 | 0.0 | 25.579 | 6.03 | 0.0 | 24.613 | 7.212 | 0.0 | 345.181 | 2.693 | 0.0 | 49.734 | 3.461 | 0.0 | 1.422 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.162 | 0.0 |
| 71 | 15447 | 15448 | SN | 1 | 0.0 | 30.663 | 12.778 | 0.0 | 26.494 | 12.863 | 0.0 | 146.611 | 10.495 | 0.0 | 155.515 | 12.824 | 0.0 | 1.438 | 0.0 | 0.0 | 1.781 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.133 | 0.0 |
| 72 | 15447 | 15448 | NS | 1 | 0.0 | 259.566 | 9.841 | 0.0 | 31.259 | 14.505 | 0.0 | 355.522 | 10.718 | 0.0 | 77.26 | 13.004 | 0.0 | 1.424 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.16 | 0.0 |
| 73 | 15447 | 15448 | NS | 1 | 0.0 | 218.626 | 6.027 | 0.0 | 24.608 | 7.18 | 0.0 | 352.329 | 2.734 | 0.0 | 47.319 | 3.47 | 0.0 | 1.435 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.162 | 0.0 |
| 74 | 15447 | 15448 | NS | 1 | 0.0 | 193.044 | 9.841 | 0.0 | 31.259 | 14.505 | 0.0 | 355.522 | 10.704 | 0.0 | 77.293 | 12.983 | 0.0 | 1.415 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.16 | 0.0 |
| 75 | 15447 | 15448 | NS | 1 | 0.0 | 25.849 | 6.021 | 0.0 | 24.608 | 7.187 | 0.0 | 352.334 | 2.733 | 0.0 | 47.346 | 3.463 | 0.0 | 1.451 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.162 | 0.0 |
| 76 | 15447 | 15448 | SN | 1 | 0.0 | 23.306 | 5.951 | 0.0 | 26.781 | 7.137 | 0.0 | 142.105 | 2.06 | 0.0 | 228.713 | 3.426 | 0.0 | 1.43 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.128 | 0.0 |
| 77 | 15448 | 15449 | NS | 1 | 0.0 | 60.205 | 9.999 | 0.0 | 31.336 | 14.562 | 0.0 | 219.693 | 10.7 | 0.0 | 63.434 | 12.996 | 0.0 | 1.427 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.163 | 0.0 |
| 78 | 15448 | 15449 | SN | 1 | 0.0 | 23.301 | 5.955 | 0.0 | 26.753 | 7.143 | 0.0 | 139.7 | 2.047 | 0.0 | 68.168 | 3.427 | 0.0 | 1.43 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.121 | 0.0 |
| 79 | 15448 | 15449 | SN | 1 | 0.0 | 30.41 | 12.735 | 0.0 | 27.233 | 13.052 | 0.0 | 136.005 | 10.462 | 0.0 | 145.858 | 12.83 | 0.0 | 1.438 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.123 | 0.0 |
| 80 | 15448 | 15449 | NS | 1 | 0.0 | 65.521 | 6.023 | 0.0 | 24.619 | 7.169 | 0.0 | 134.31 | 2.704 | 0.0 | 74.662 | 3.444 | 0.0 | 1.447 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.163 | 0.0 |
| 81 | 15449 | 15450 | SN | 1 | 0.0 | 23.301 | 5.965 | 0.0 | 26.646 | 7.179 | 0.0 | 133.584 | 2.069 | 0.0 | 275.907 | 3.415 | 0.0 | 1.43 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.122 | 0.0 |
| 82 | 15449 | 15450 | NS | 1 | 0.0 | 120.205 | 6.014 | 0.0 | 24.619 | 7.187 | 0.0 | 340.946 | 2.698 | 0.0 | 122.874 | 3.44 | 0.0 | 1.44 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.163 | 0.0 |
| 83 | 15449 | 15450 | NS | 1 | 0.0 | 120.205 | 9.919 | 0.0 | 31.303 | 14.511 | 0.0 | 243.667 | 10.7 | 0.0 | 73.184 | 12.982 | 0.0 | 1.422 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.163 | 0.0 |
| 84 | 15449 | 15450 | SN | 1 | 0.0 | 29.897 | 12.726 | 0.0 | 27.239 | 12.951 | 0.0 | 136.198 | 10.548 | 0.0 | 269.058 | 12.894 | 0.0 | 1.442 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.121 | 0.0 |
| 85 | 15450 | 15451 | NS | 1 | 0.0 | 25.686 | 6.008 | 0.0 | 24.608 | 7.199 | 0.0 | 355.064 | 2.718 | 0.0 | 79.945 | 3.437 | 0.0 | 1.439 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.162 | 0.0 |
| 86 | 15450 | 15451 | NS | 1 | 0.0 | 25.686 | 6.088 | 0.0 | 24.608 | 7.232 | 0.0 | 355.064 | 2.768 | 0.0 | 12.949 | 3.366 | 0.0 | 1.439 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.162 | 0.0 |
| 87 | 15450 | 15451 | SN | 1 | 0.0 | 30.062 | 12.745 | 0.0 | 27.233 | 13.052 | 0.0 | 138.724 | 10.569 | 0.0 | 85.951 | 12.873 | 0.0 | 1.445 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.121 | 0.0 |
| 88 | 15450 | 15451 | SN | 1 | 0.0 | 30.062 | 12.745 | 0.0 | 27.233 | 13.052 | 0.0 | 138.724 | 10.569 | 0.0 | 85.951 | 12.873 | 0.0 | 1.445 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.121 | 0.0 |
| 89 | 15450 | 15451 | SN | 1 | 0.0 | 23.301 | 5.981 | 0.0 | 26.566 | 7.186 | 0.0 | 138.934 | 2.069 | 0.0 | 107.198 | 3.434 | 0.0 | 1.431 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.123 | 0.0 |
| 90 | 15450 | 15451 | SN | 1 | 0.0 | 23.301 | 5.981 | 0.0 | 26.566 | 7.186 | 0.0 | 138.934 | 2.069 | 0.0 | 107.198 | 3.434 | 0.0 | 1.431 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.123 | 0.0 |
| 91 | 15450 | 15451 | NS | 1 | 0.0 | 24.591 | 9.929 | 0.0 | 31.22 | 14.504 | 0.0 | 355.064 | 10.722 | 0.0 | 72.748 | 12.955 | 0.0 | 1.425 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.162 | 0.0 |
| 92 | 15450 | 15451 | NS | 1 | 0.0 | 25.686 | 6.008 | 0.0 | 24.608 | 7.201 | 0.0 | 355.064 | 2.718 | 0.0 | 79.945 | 3.432 | 0.0 | 1.439 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.162 | 0.0 |
| 93 | 15450 | 15451 | NS | 1 | 0.0 | 24.591 | 9.929 | 0.0 | 31.22 | 14.504 | 0.0 | 355.064 | 10.722 | 0.0 | 72.748 | 12.948 | 0.0 | 1.425 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.162 | 0.0 |
| 94 | 15450 | 15451 | NS | 1 | 0.0 | 24.591 | 9.933 | 0.0 | 29.919 | 14.271 | 0.0 | 355.064 | 10.878 | 0.0 | 17.797 | 12.736 | 0.0 | 1.425 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.162 | 0.0 |
| 95 | 15451 | 15452 | NS | 1 | 0.0 | 121.487 | 6.044 | 0.0 | 24.608 | 7.199 | 0.0 | 352.229 | 2.751 | 0.0 | 118.506 | 3.481 | 0.0 | 1.437 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.162 | 0.0 |
| 96 | 15451 | 15452 | SN | 1 | 0.0 | 29.891 | 12.784 | 0.0 | 26.45 | 12.962 | 0.0 | 143.462 | 10.552 | 0.0 | 81.672 | 12.861 | 0.0 | 1.442 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.125 | 0.0 |
| 97 | 15451 | 15452 | NS | 1 | 0.0 | 121.487 | 6.044 | 0.0 | 24.608 | 7.199 | 0.0 | 352.229 | 2.753 | 0.0 | 118.501 | 3.48 | 0.0 | 1.437 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.162 | 0.0 |
| 98 | 15451 | 15452 | SN | 1 | 0.0 | 23.295 | 5.978 | 0.0 | 26.731 | 7.196 | 0.0 | 124.137 | 2.066 | 0.0 | 45.273 | 3.43 | 0.0 | 1.429 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.123 | 0.0 |
| 99 | 15451 | 15452 | NS | 1 | 0.0 | 90.802 | 9.91 | 0.0 | 31.176 | 14.526 | 0.0 | 355.246 | 10.757 | 0.0 | 76.25 | 12.97 | 0.0 | 1.424 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.159 | 0.0 |
| 100 | 15451 | 15452 | SN | 1 | 0.0 | 29.891 | 12.784 | 0.0 | 26.45 | 12.962 | 0.0 | 143.462 | 10.552 | 0.0 | 81.672 | 12.861 | 0.0 | 1.442 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.125 | 0.0 |
| 101 | 15451 | 15452 | NS | 1 | 0.0 | 90.802 | 9.91 | 0.0 | 31.176 | 14.526 | 0.0 | 355.246 | 10.757 | 0.0 | 76.25 | 12.97 | 0.0 | 1.424 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.159 | 0.0 |
| 102 | 15451 | 15452 | SN | 1 | 0.0 | 23.295 | 5.978 | 0.0 | 26.731 | 7.196 | 0.0 | 124.137 | 2.066 | 0.0 | 45.273 | 3.43 | 0.0 | 1.429 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.123 | 0.0 |
| 103 | 15452 | 15453 | SN | 1 | 0.0 | 23.295 | 5.967 | 0.0 | 128.191 | 7.187 | 0.0 | 140.572 | 2.1 | 0.0 | 265.881 | 3.462 | 0.0 | 1.43 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.124 | 0.0 |
| 104 | 15452 | 15453 | SN | 1 | 0.0 | 30.746 | 12.813 | 0.0 | 28.907 | 12.982 | 0.0 | 138.338 | 10.564 | 0.0 | 125.999 | 12.846 | 0.0 | 1.441 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.125 | 0.0 |
| 105 | 15452 | 15453 | SN | 1 | 0.0 | 30.746 | 12.813 | 0.0 | 28.907 | 12.982 | 0.0 | 138.338 | 10.564 | 0.0 | 125.999 | 12.846 | 0.0 | 1.441 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.125 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106 | 15452 | 15453 | NS | 1 | 0.0 | 26.61 | 9.833 | 0.0 | 31.248 | 14.492 | 0.0 | 355.555 | 10.803 | 0.0 | 77.888 | 13.047 | 0.0 | 1.413 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.16 | 0.0 |
| 107 | 15452 | 15453 | NS | 1 | 0.0 | 25.816 | 6.477 | 0.0 | 24.619 | 7.495 | 0.0 | 126.39 | 3.038 | 0.0 | 12.955 | 3.672 | 0.0 | 1.426 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |
| 108 | 15452 | 15453 | SN | 1 | 0.0 | 23.295 | 5.967 | 0.0 | 128.191 | 7.187 | 0.0 | 140.572 | 2.1 | 0.0 | 265.881 | 3.462 | 0.0 | 1.43 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.124 | 0.0 |
| 109 | 15452 | 15453 | NS | 1 | 0.0 | 26.61 | 10.018 | 0.0 | 29.919 | 13.92 | 0.0 | 355.555 | 11.79 | 0.0 | 14.174 | 12.676 | 0.0 | 1.413 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.16 | 0.0 |
| 110 | 15452 | 15453 | NS | 1 | 0.0 | 25.816 | 6.032 | 0.0 | 24.619 | 7.227 | 0.0 | 126.39 | 2.754 | 0.0 | 46.855 | 3.468 | 0.0 | 1.426 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |
| 111 | 15453 | 15454 | NS | 1 | 0.0 | 25.634 | 10.287 | 0.0 | 29.924 | 14.084 | 0.0 | 142.549 | 12.507 | 0.0 | 14.185 | 12.931 | 0.0 | 1.418 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.163 | 0.0 |
| 112 | 15453 | 15454 | SN | 1 | 0.0 | 28.59 | 12.459 | 0.0 | 26.505 | 13.924 | 0.0 | 13.909 | 11.687 | 0.0 | 57.251 | 16.804 | 0.0 | 1.443 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.124 | 0.0 |
| 113 | 15453 | 15454 | NS | 1 | 0.0 | 25.733 | 6.737 | 0.0 | 24.619 | 7.801 | 0.0 | 198.945 | 3.255 | 0.0 | 12.96 | 3.908 | 0.0 | 1.435 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.164 | 0.0 |
| 114 | 15453 | 15454 | SN | 1 | 0.0 | 23.312 | 6.856 | 0.0 | 26.676 | 8.261 | 0.0 | 12.828 | 2.8 | 0.0 | 40.028 | 4.843 | 0.0 | 1.43 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.123 | 0.0 |
| 115 | 15453 | 15454 | NS | 1 | 0.0 | 25.634 | 9.956 | 0.0 | 31.309 | 14.508 | 0.0 | 142.549 | 10.756 | 0.0 | 71.778 | 13.01 | 0.0 | 1.418 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.163 | 0.0 |
| 116 | 15453 | 15454 | NS | 1 | 0.0 | 25.634 | 9.956 | 0.0 | 31.309 | 14.508 | 0.0 | 142.549 | 10.756 | 0.0 | 71.778 | 13.01 | 0.0 | 1.418 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.163 | 0.0 |
| 117 | 15453 | 15454 | SN | 1 | 0.0 | 30.691 | 12.803 | 0.0 | 26.439 | 12.93 | 0.0 | 133.226 | 10.536 | 0.0 | 134.486 | 12.811 | 0.0 | 1.441 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.124 | 0.0 |
| 118 | 15453 | 15454 | SN | 1 | 0.0 | 23.312 | 6.998 | 0.0 | 25.534 | 8.212 | 0.0 | 12.828 | 2.967 | 0.0 | 12.977 | 4.64 | 0.0 | 1.43 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.123 | 0.0 |
| 119 | 15453 | 15454 | SN | 1 | 0.0 | 23.306 | 5.965 | 0.0 | 26.648 | 7.157 | 0.0 | 129.161 | 2.089 | 0.0 | 67.917 | 3.426 | 0.0 | 1.43 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.124 | 0.0 |
| 120 | 15453 | 15454 | SN | 1 | 0.0 | 28.59 | 12.502 | 0.0 | 25.733 | 13.103 | 0.0 | 13.909 | 12.302 | 0.0 | 14.962 | 15.793 | 0.0 | 1.443 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.124 | 0.0 |
| 121 | 15453 | 15454 | NS | 1 | 0.0 | 25.733 | 6.021 | 0.0 | 24.619 | 7.271 | 0.0 | 230.971 | 2.771 | 0.0 | 76.317 | 3.484 | 0.0 | 1.435 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.164 | 0.0 |
| 122 | 15453 | 15454 | NS | 1 | 0.0 | 25.733 | 6.021 | 0.0 | 24.619 | 7.271 | 0.0 | 230.971 | 2.771 | 0.0 | 76.317 | 3.484 | 0.0 | 1.435 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.164 | 0.0 |
| 123 | 15454 | 15455 | NS | 1 | 0.0 | 57.447 | 6.029 | 0.0 | 24.619 | 7.201 | 0.0 | 344.861 | 2.708 | 0.0 | 53.826 | 3.475 | 0.0 | 1.451 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |
| 124 | 15454 | 15455 | NS | 1 | 0.0 | 57.447 | 6.029 | 0.0 | 24.619 | 7.201 | 0.0 | 344.861 | 2.708 | 0.0 | 53.826 | 3.475 | 0.0 | 1.451 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |
| 125 | 15454 | 15455 | SN | 1 | 0.0 | 123.856 | 5.996 | 0.0 | 189.236 | 7.193 | 0.0 | 146.605 | 2.085 | 0.0 | 206.437 | 3.441 | 0.0 | 1.429 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.123 | 0.0 |
| 126 | 15454 | 15455 | SN | 1 | 0.0 | 123.856 | 5.996 | 0.0 | 189.236 | 7.193 | 0.0 | 146.605 | 2.085 | 0.0 | 206.437 | 3.443 | 0.0 | 1.429 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.123 | 0.0 |
| 127 | 15454 | 15455 | SN | 1 | 0.061 | 80.205 | 12.788 | 0.0 | 74.99 | 12.652 | 0.0 | 151.453 | 10.726 | 0.0 | 74.055 | 12.353 | 0.0 | 1.442 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.941 | 0.0 | 0.0 | 2.121 | 0.0 |
| 128 | 15454 | 15455 | SN | 1 | 0.0 | 80.205 | 12.749 | 0.0 | 74.99 | 12.971 | 0.0 | 151.453 | 10.612 | 0.0 | 79.846 | 12.809 | 0.0 | 1.442 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.941 | 0.0 | 0.0 | 2.121 | 0.0 |
| 129 | 15454 | 15455 | NS | 1 | 0.0 | 193.698 | 9.993 | 0.0 | 31.32 | 14.55 | 0.0 | 137.216 | 10.761 | 0.0 | 75.412 | 13.018 | 0.0 | 1.42 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.162 | 0.0 |
| 130 | 15454 | 15455 | NS | 1 | 0.0 | 193.698 | 9.993 | 0.0 | 31.32 | 14.55 | 0.0 | 137.216 | 10.761 | 0.0 | 75.412 | 13.018 | 0.0 | 1.42 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.162 | 0.0 |
| 131 | 15454 | 15455 | SN | 1 | 0.0 | 123.856 | 6.011 | 0.0 | 189.236 | 7.154 | 0.0 | 146.605 | 2.102 | 0.0 | 206.437 | 3.328 | 0.0 | 1.429 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.123 | 0.0 |
| 132 | 15454 | 15455 | SN | 1 | 0.0 | 80.205 | 12.749 | 0.0 | 74.99 | 12.981 | 0.0 | 151.453 | 10.612 | 0.0 | 79.863 | 12.809 | 0.0 | 1.442 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.941 | 0.0 | 0.0 | 2.121 | 0.0 |
| 133 | 15455 | 15456 | NS | 1 | 0.0 | 236.497 | 5.999 | 0.0 | 24.602 | 7.188 | 0.0 | 355.169 | 2.672 | 0.0 | 54.885 | 3.424 | 0.0 | 1.452 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.163 | 0.0 |
| 134 | 15455 | 15456 | SN | 1 | 0.0 | 29.946 | 12.813 | 0.0 | 25.998 | 12.788 | 0.0 | 147.471 | 10.697 | 0.0 | 20.152 | 12.567 | 0.0 | 1.437 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.125 | 0.0 |
| 135 | 15455 | 15456 | SN | 1 | 0.0 | 29.946 | 12.81 | 0.0 | 25.998 | 12.817 | 0.0 | 147.471 | 10.697 | 0.0 | 22.148 | 12.62 | 0.0 | 1.437 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.125 | 0.0 |
| 136 | 15455 | 15456 | NS | 1 | 0.0 | 211.459 | 9.978 | 0.0 | 31.231 | 14.472 | 0.0 | 355.169 | 10.7 | 0.0 | 74.668 | 12.906 | 0.0 | 1.426 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.161 | 0.0 |
| 137 | 15455 | 15456 | NS | 1 | 0.0 | 211.459 | 9.999 | 0.0 | 31.237 | 14.452 | 0.0 | 355.158 | 10.707 | 0.0 | 74.651 | 12.913 | 0.0 | 1.426 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.161 | 0.0 |
| 138 | 15455 | 15456 | SN | 1 | 0.0 | 29.946 | 12.784 | 0.0 | 26.45 | 12.951 | 0.0 | 147.471 | 10.63 | 0.0 | 78.765 | 12.826 | 0.0 | 1.437 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.125 | 0.0 |
| 139 | 15455 | 15456 | SN | 1 | 0.0 | 23.306 | 5.976 | 0.0 | 26.698 | 7.207 | 0.0 | 127.192 | 2.11 | 0.0 | 49.646 | 3.446 | 0.0 | 1.429 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.125 | 0.0 |
| 140 | 15455 | 15456 | NS | 1 | 0.0 | 236.497 | 5.992 | 0.0 | 24.602 | 7.193 | 0.0 | 355.158 | 2.675 | 0.0 | 54.88 | 3.431 | 0.0 | 1.452 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.163 | 0.0 |
| 141 | 15455 | 15456 | SN | 1 | 0.0 | 23.306 | 5.986 | 0.0 | 26.169 | 7.187 | 0.0 | 127.192 | 2.123 | 0.0 | 14.482 | 3.362 | 0.0 | 1.429 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.125 | 0.0 |
| 142 | 15455 | 15456 | SN | 1 | 0.0 | 23.306 | 5.986 | 0.0 | 26.169 | 7.187 | 0.0 | 127.192 | 2.123 | 0.0 | 14.482 | 3.362 | 0.0 | 1.429 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.125 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 143 | 15456 | 15457 | SN | 1 | 0.0 | 23.301 | 6.0 | 0.0 | 46.015 | 7.215 | 0.0 | 155.214 | 2.131 | 0.0 | 211.9 | 3.35 | 0.0 | 1.429 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.125 | 0.0 |
| 144 | 15456 | 15457 | SN | 1 | 0.0 | 30.024 | 12.832 | 0.0 | 46.015 | 12.801 | 0.0 | 159.367 | 10.709 | 0.0 | 250.075 | 12.593 | 0.0 | 1.442 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.126 | 0.0 |
| 145 | 15456 | 15457 | NS | 1 | 0.0 | 193.692 | 5.976 | 0.0 | 24.602 | 7.177 | 0.0 | 352.808 | 2.691 | 0.0 | 56.832 | 3.413 | 0.0 | 1.444 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.161 | 0.0 |
| 146 | 15456 | 15457 | NS | 1 | 0.0 | 82.607 | 9.947 | 0.0 | 35.638 | 14.442 | 0.0 | 138.782 | 10.658 | 0.0 | 77.293 | 12.906 | 0.0 | 1.425 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.161 | 0.0 |
| 147 | 15456 | 15457 | SN | 1 | 0.0 | 23.301 | 5.985 | 0.0 | 46.015 | 7.235 | 0.0 | 155.214 | 2.118 | 0.0 | 211.9 | 3.457 | 0.0 | 1.429 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.125 | 0.0 |
| 148 | 15456 | 15457 | SN | 1 | 0.0 | 30.024 | 12.807 | 0.0 | 46.015 | 12.991 | 0.0 | 159.367 | 10.635 | 0.0 | 250.075 | 12.898 | 0.0 | 1.442 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.126 | 0.0 |
| 149 | 15457 | 15458 | SN | 1 | 0.0 | 23.317 | 6.003 | 0.0 | 26.693 | 7.26 | 0.0 | 174.533 | 2.139 | 0.0 | 59.639 | 3.467 | 0.0 | 1.43 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.126 | 0.0 |
| 150 | 15457 | 15458 | NS | 1 | 0.0 | 25.827 | 5.995 | 0.0 | 24.597 | 7.178 | 0.0 | 213.119 | 2.68 | 0.0 | 60.737 | 3.415 | 0.0 | 1.451 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.161 | 0.0 |
| 151 | 15457 | 15458 | NS | 1 | 0.0 | 25.827 | 5.999 | 0.0 | 24.602 | 7.191 | 0.0 | 150.378 | 2.661 | 0.0 | 60.814 | 3.421 | 0.0 | 1.449 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.162 | 0.0 |
| 152 | 15457 | 15458 | NS | 1 | 0.0 | 70.435 | 9.873 | 0.0 | 31.254 | 14.378 | 0.0 | 134.475 | 10.598 | 0.0 | 77.971 | 12.848 | 0.0 | 1.419 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.161 | 0.0 |
| 153 | 15457 | 15458 | NS | 1 | 0.0 | 70.44 | 9.863 | 0.0 | 31.254 | 14.378 | 0.0 | 139.858 | 10.598 | 0.0 | 78.087 | 12.898 | 0.0 | 1.42 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.161 | 0.0 |
| 154 | 15457 | 15458 | SN | 1 | 0.0 | 30.785 | 12.856 | 0.0 | 26.025 | 12.952 | 0.0 | 172.393 | 10.621 | 0.0 | 75.815 | 12.91 | 0.0 | 1.439 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.126 | 0.0 |
| 155 | 15457 | 15458 | SN | 1 | 0.0 | 30.785 | 12.872 | 0.0 | 26.025 | 12.694 | 0.0 | 172.393 | 10.735 | 0.0 | 62.416 | 12.457 | 0.0 | 1.439 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.126 | 0.0 |
| 156 | 15457 | 15458 | SN | 1 | 0.0 | 30.785 | 12.856 | 0.0 | 26.025 | 12.952 | 0.0 | 172.393 | 10.621 | 0.0 | 75.815 | 12.91 | 0.0 | 1.439 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.126 | 0.0 |
| 157 | 15457 | 15458 | SN | 1 | 0.0 | 23.317 | 6.022 | 0.0 | 25.49 | 7.225 | 0.0 | 174.533 | 2.159 | 0.0 | 42.049 | 3.346 | 0.0 | 1.43 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.126 | 0.0 |
| 158 | 15457 | 15458 | SN | 1 | 0.0 | 23.317 | 6.003 | 0.0 | 26.693 | 7.26 | 0.0 | 174.533 | 2.139 | 0.0 | 59.639 | 3.469 | 0.0 | 1.43 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.126 | 0.0 |
| 159 | 15458 | 15459 | SN | 1 | 0.0 | 23.317 | 5.994 | 0.0 | 245.933 | 7.264 | 0.0 | 122.681 | 2.132 | 0.0 | 156.778 | 3.469 | 0.0 | 1.43 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.125 | 0.0 |
| 160 | 15458 | 15459 | NS | 1 | 0.0 | 270.26 | 9.949 | 0.099 | 31.314 | 14.531 | 0.0 | 332.32 | 10.609 | 0.0 | 71.375 | 12.939 | 0.0 | 1.42 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.16 | 0.0 |
| 161 | 15458 | 15459 | SN | 1 | 0.0 | 30.994 | 12.877 | 0.0 | 25.948 | 12.601 | 0.0 | 132.454 | 10.808 | 0.0 | 198.124 | 12.268 | 0.0 | 1.444 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.126 | 0.0 |
| 162 | 15458 | 15459 | SN | 1 | 0.0 | 30.994 | 12.846 | 0.0 | 26.025 | 12.985 | 0.0 | 132.454 | 10.614 | 0.0 | 198.124 | 12.903 | 0.0 | 1.444 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.126 | 0.0 |
| 163 | 15458 | 15459 | NS | 1 | 0.0 | 270.155 | 9.884 | 0.0 | 31.292 | 14.41 | 0.0 | 332.32 | 10.584 | 0.0 | 81.776 | 12.889 | 0.0 | 1.415 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.858 | 0.0 | 0.0 | 2.16 | 0.0 |
| 164 | 15458 | 15459 | SN | 1 | 0.0 | 23.317 | 6.007 | 0.0 | 245.933 | 7.186 | 0.0 | 122.681 | 2.164 | 0.0 | 156.778 | 3.321 | 0.0 | 1.43 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.125 | 0.0 |
| 165 | 15458 | 15459 | SN | 1 | 0.0 | 23.317 | 5.994 | 0.0 | 245.933 | 7.266 | 0.0 | 122.681 | 2.132 | 0.0 | 156.778 | 3.469 | 0.0 | 1.43 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.125 | 0.0 |
| 166 | 15458 | 15459 | NS | 1 | 0.0 | 256.632 | 6.01 | 0.0 | 24.602 | 7.179 | 0.0 | 314.7 | 2.68 | 0.0 | 75.931 | 3.424 | 0.0 | 1.447 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.162 | 0.0 |
| 167 | 15458 | 15459 | NS | 1 | 0.0 | 219.252 | 6.006 | 0.0 | 24.597 | 7.178 | 0.0 | 310.657 | 2.673 | 0.0 | 67.459 | 3.412 | 0.0 | 1.452 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.162 | 0.0 |
| 168 | 15458 | 15459 | SN | 1 | 0.0 | 30.994 | 12.846 | 0.0 | 26.025 | 12.985 | 0.0 | 132.454 | 10.614 | 0.0 | 198.124 | 12.903 | 0.0 | 1.444 | 0.0 | 0.0 | 1.771 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.126 | 0.0 |
| 169 | 15459 | 15460 | NS | 1 | 0.0 | 24.669 | 9.943 | 0.116 | 31.303 | 14.543 | 0.0 | 353.432 | 10.626 | 0.0 | 81.672 | 12.982 | 0.0 | 1.424 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.158 | 0.0 |
| 170 | 15459 | 15460 | SN | 1 | 0.0 | 30.128 | 12.837 | 0.0 | 226.862 | 12.783 | 0.0 | 150.901 | 10.731 | 0.0 | 218.38 | 12.633 | 0.0 | 1.438 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.126 | 0.0 |
| 171 | 15459 | 15460 | SN | 1 | 0.0 | 30.128 | 12.823 | 0.0 | 226.862 | 12.953 | 0.0 | 150.901 | 10.655 | 0.0 | 218.38 | 12.894 | 0.0 | 1.438 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.126 | 0.0 |
| 172 | 15459 | 15460 | SN | 1 | 0.0 | 23.312 | 6.003 | 0.0 | 47.834 | 7.274 | 0.0 | 145.618 | 2.155 | 0.0 | 190.552 | 3.351 | 0.0 | 1.429 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.123 | 0.0 |
| 173 | 15459 | 15460 | SN | 1 | 0.0 | 30.128 | 12.823 | 0.0 | 226.862 | 12.953 | 0.0 | 150.901 | 10.655 | 0.0 | 218.38 | 12.894 | 0.0 | 1.438 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.126 | 0.0 |
| 174 | 15459 | 15460 | NS | 1 | 0.0 | 25.772 | 5.985 | 0.0 | 24.602 | 7.176 | 0.0 | 323.805 | 2.682 | 0.0 | 71.651 | 3.428 | 0.0 | 1.436 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.161 | 0.0 |
| 175 | 15459 | 15460 | SN | 1 | 0.0 | 23.312 | 5.983 | 0.0 | 47.834 | 7.29 | 0.0 | 145.618 | 2.143 | 0.0 | 190.552 | 3.461 | 0.0 | 1.429 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.123 | 0.0 |
| 176 | 15459 | 15460 | SN | 1 | 0.0 | 23.312 | 5.985 | 0.0 | 47.834 | 7.29 | 0.0 | 145.618 | 2.143 | 0.0 | 190.552 | 3.459 | 0.0 | 1.429 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.123 | 0.0 |
| 177 | 15460 | 15461 | SN | 1 | 0.0 | 29.957 | 12.829 | 0.094 | 25.909 | 12.503 | 0.0 | 140.064 | 10.887 | 0.0 | 37.786 | 12.148 | 0.0 | 1.444 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.122 | 0.0 |
| 178 | 15460 | 15461 | SN | 1 | 0.0 | 29.957 | 12.778 | 0.094 | 27.2 | 13.017 | 0.0 | 140.064 | 10.639 | 0.0 | 74.574 | 12.919 | 0.0 | 1.444 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.122 | 0.0 |
| 179 | 15460 | 15461 | SN | 1 | 0.0 | 29.957 | 12.79 | 0.094 | 27.2 | 13.017 | 0.0 | 140.136 | 10.653 | 0.0 | 74.447 | 12.868 | 0.0 | 1.443 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.122 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 15460 | 15461 | NS | 1 | 0.0 | 91.613 | 9.95 | 0.0 | 31.182 | 14.504 | 0.0 | 355.296 | 10.651 | 0.0 | 75.368 | 12.87 | 0.0 | 1.425 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.163 | 0.0 |
| 181 | 15460 | 15461 | NS | 1 | 0.0 | 149.829 | 9.963 | 0.0 | 31.176 | 14.504 | 0.0 | 355.285 | 10.651 | 0.0 | 75.241 | 12.877 | 0.0 | 1.424 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.162 | 0.0 |
| 182 | 15460 | 15461 | SN | 1 | 0.0 | 23.29 | 6.019 | 0.0 | 25.501 | 7.135 | 0.0 | 132.603 | 2.145 | 0.0 | 118.691 | 3.279 | 0.0 | 1.43 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.125 | 0.0 |
| 183 | 15460 | 15461 | SN | 1 | 0.0 | 23.29 | 6.004 | 0.0 | 26.715 | 7.23 | 0.0 | 132.603 | 2.107 | 0.0 | 118.691 | 3.441 | 0.0 | 1.43 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.125 | 0.0 |
| 184 | 15460 | 15461 | SN | 1 | 0.0 | 23.284 | 6.011 | 0.0 | 26.715 | 7.221 | 0.0 | 132.768 | 2.107 | 0.0 | 59.551 | 3.438 | 0.0 | 1.429 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.125 | 0.0 |
| 185 | 15460 | 15461 | NS | 1 | 0.0 | 26.922 | 5.992 | 0.0 | 24.602 | 7.206 | 0.0 | 329.524 | 2.672 | 0.0 | 55.288 | 3.436 | 0.0 | 1.435 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.163 | 0.0 |
| 186 | 15460 | 15461 | NS | 1 | 0.0 | 193.681 | 6.006 | 0.0 | 24.608 | 7.199 | 0.0 | 329.43 | 2.656 | 0.0 | 55.194 | 3.435 | 0.0 | 1.45 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.163 | 0.0 |
| 187 | 15461 | 15462 | NS | 1 | 0.0 | 24.591 | 9.928 | 0.0 | 31.237 | 14.492 | 0.0 | 355.588 | 10.707 | 0.0 | 82.003 | 12.927 | 0.0 | 1.423 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.16 | 0.0 |
| 188 | 15461 | 15462 | SN | 1 | 0.0 | 30.713 | 12.747 | 0.0 | 27.194 | 12.963 | 0.0 | 135.774 | 10.599 | 0.0 | 234.164 | 12.876 | 0.0 | 1.445 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.123 | 0.0 |
| 189 | 15461 | 15462 | SN | 1 | 0.0 | 30.713 | 12.747 | 0.0 | 27.194 | 12.963 | 0.0 | 135.774 | 10.599 | 0.0 | 234.164 | 12.876 | 0.0 | 1.445 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.123 | 0.0 |
| 190 | 15461 | 15462 | SN | 1 | 0.0 | 30.713 | 12.836 | 0.0 | 25.606 | 12.179 | 0.0 | 135.774 | 10.948 | 0.0 | 234.164 | 11.768 | 0.0 | 1.445 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.123 | 0.0 |
| 191 | 15461 | 15462 | NS | 1 | 0.0 | 26.271 | 5.999 | 0.0 | 24.602 | 7.197 | 0.0 | 352.886 | 2.713 | 0.0 | 57.83 | 3.433 | 0.0 | 1.45 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.161 | 0.0 |
| 192 | 15461 | 15462 | SN | 1 | 0.0 | 23.301 | 5.978 | 0.0 | 26.709 | 7.203 | 0.0 | 129.018 | 2.088 | 0.0 | 162.069 | 3.434 | 0.0 | 1.43 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.125 | 0.0 |
| 193 | 15461 | 15462 | SN | 1 | 0.0 | 23.301 | 5.978 | 0.0 | 26.709 | 7.203 | 0.0 | 129.018 | 2.088 | 0.0 | 162.069 | 3.434 | 0.0 | 1.43 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.125 | 0.0 |
| 194 | 15461 | 15462 | NS | 1 | 0.0 | 123.577 | 9.958 | 0.0 | 31.242 | 14.514 | 0.0 | 355.605 | 10.686 | 0.0 | 82.151 | 12.955 | 0.0 | 1.428 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.161 | 0.0 |
| 195 | 15461 | 15462 | SN | 1 | 0.0 | 23.301 | 6.026 | 0.0 | 25.501 | 7.077 | 0.0 | 129.018 | 2.141 | 0.0 | 162.069 | 3.151 | 0.0 | 1.43 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.125 | 0.0 |
| 196 | 15461 | 15462 | NS | 1 | 0.0 | 102.03 | 5.997 | 0.0 | 24.602 | 7.179 | 0.0 | 352.924 | 2.705 | 0.0 | 57.93 | 3.434 | 0.0 | 1.452 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.162 | 0.0 |
| 197 | 15462 | 15463 | NS | 1 | 0.0 | 25.816 | 6.0 | 0.0 | 24.602 | 7.187 | 0.0 | 266.019 | 2.711 | 0.0 | 66.29 | 3.426 | 0.0 | 1.448 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |
| 198 | 15462 | 15463 | SN | 1 | 0.0 | 29.472 | 12.805 | 0.0 | 37.185 | 12.966 | 0.0 | 137.114 | 10.529 | 0.0 | 247.268 | 12.86 | 0.0 | 1.441 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.124 | 0.0 |
| 199 | 15462 | 15463 | NS | 1 | 0.0 | 26.604 | 9.855 | 0.0 | 31.287 | 14.452 | 0.0 | 205.541 | 10.657 | 0.0 | 80.188 | 12.921 | 0.0 | 1.421 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.161 | 0.0 |
| 200 | 15462 | 15463 | SN | 1 | 0.0 | 23.301 | 5.973 | 0.0 | 48.066 | 7.219 | 0.0 | 133.309 | 2.086 | 0.0 | 232.234 | 3.444 | 0.0 | 1.43 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.122 | 0.0 |
| 201 | 15463 | 15464 | NS | 1 | 0.0 | 206.049 | 5.999 | 0.0 | 24.613 | 7.154 | 0.0 | 337.642 | 2.681 | 0.0 | 122.494 | 3.401 | 0.0 | 1.448 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.161 | 0.0 |
| 202 | 15463 | 15464 | NS | 1 | 0.0 | 206.049 | 5.999 | 0.0 | 24.613 | 7.154 | 0.0 | 337.642 | 2.681 | 0.0 | 122.494 | 3.401 | 0.0 | 1.448 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.161 | 0.0 |
| 203 | 15463 | 15464 | SN | 1 | 0.0 | 29.946 | 12.774 | 0.11 | 124.173 | 13.054 | 0.0 | 144.945 | 10.583 | 0.0 | 72.078 | 12.837 | 0.0 | 1.44 | 0.0 | 0.0 | 1.768 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.123 | 0.0 |
| 204 | 15463 | 15464 | NS | 1 | 0.0 | 60.949 | 9.912 | 0.0 | 31.303 | 14.511 | 0.0 | 142.196 | 10.626 | 0.0 | 72.517 | 12.947 | 0.0 | 1.423 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.159 | 0.0 |
| 205 | 15463 | 15464 | SN | 1 | 0.0 | 23.317 | 5.978 | 0.0 | 26.676 | 7.26 | 0.0 | 151.056 | 2.089 | 0.0 | 137.255 | 3.434 | 0.0 | 1.431 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.124 | 0.0 |
| 206 | 15463 | 15464 | NS | 1 | 0.0 | 60.949 | 9.912 | 0.0 | 31.303 | 14.511 | 0.0 | 142.196 | 10.626 | 0.0 | 72.517 | 12.947 | 0.0 | 1.423 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.159 | 0.0 |
| 207 | 15464 | 15465 | SN | 1 | 0.0 | 23.312 | 6.001 | 0.0 | 128.547 | 7.27 | 0.0 | 145.784 | 2.104 | 0.0 | 55.034 | 3.445 | 0.0 | 1.43 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.124 | 0.0 |
| 208 | 15464 | 15465 | NS | 1 | 0.0 | 218.284 | 9.928 | 0.0 | 31.254 | 14.494 | 0.0 | 348.485 | 10.658 | 0.0 | 74.971 | 12.842 | 0.0 | 1.43 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.163 | 0.0 |
| 209 | 15464 | 15465 | NS | 1 | 0.0 | 218.284 | 9.918 | 0.0 | 30.465 | 14.428 | 0.0 | 348.485 | 10.7 | 0.0 | 27.415 | 12.786 | 0.0 | 1.43 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.163 | 0.0 |
| 210 | 15464 | 15465 | SN | 1 | 0.0 | 30.36 | 12.845 | 0.083 | 53.311 | 13.042 | 0.0 | 141.085 | 10.646 | 0.0 | 81.418 | 12.894 | 0.0 | 1.444 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.123 | 0.0 |
| 211 | 15464 | 15465 | SN | 1 | 0.0 | 30.36 | 12.824 | 0.0 | 53.311 | 13.032 | 0.0 | 141.024 | 10.653 | 0.0 | 81.446 | 12.901 | 0.0 | 1.444 | 0.0 | 0.0 | 1.769 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.123 | 0.0 |
| 212 | 15464 | 15465 | NS | 1 | 0.0 | 264.279 | 6.035 | 0.0 | 24.602 | 7.216 | 0.0 | 334.317 | 2.71 | 0.0 | 14.295 | 3.37 | 0.0 | 1.451 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.162 | 0.0 |
| 213 | 15464 | 15465 | NS | 1 | 0.0 | 218.284 | 9.928 | 0.0 | 31.254 | 14.494 | 0.0 | 348.485 | 10.658 | 0.0 | 74.971 | 12.842 | 0.0 | 1.43 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.163 | 0.0 |
| 214 | 15464 | 15465 | SN | 1 | 0.0 | 23.312 | 5.989 | 0.0 | 26.665 | 7.263 | 0.0 | 145.712 | 2.103 | 0.0 | 55.062 | 3.452 | 0.0 | 1.431 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.124 | 0.0 |
| 215 | 15464 | 15465 | NS | 1 | 0.0 | 264.279 | 6.008 | 0.0 | 24.602 | 7.197 | 0.0 | 334.317 | 2.693 | 0.0 | 126.393 | 3.413 | 0.0 | 1.451 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.162 | 0.0 |
| 216 | 15464 | 15465 | NS | 1 | 0.0 | 264.279 | 6.008 | 0.0 | 24.602 | 7.197 | 0.0 | 334.317 | 2.693 | 0.0 | 126.393 | 3.411 | 0.0 | 1.451 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.162 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 217 | 15465 | 15466 | SN | 1 | 0.0 | 30.013 | 12.847 | 0.083 | 73.115 | 13.024 | 0.0 | 138.096 | 10.648 | 0.0 | 74.783 | 12.857 | 0.0 | 1.445 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.125 | 0.0 |
| 218 | 15465 | 15466 | NS | 1 | 0.0 | 106.109 | 6.131 | 0.0 | 24.608 | 7.26 | 0.0 | 352.224 | 2.809 | 0.0 | 12.955 | 3.384 | 0.0 | 1.45 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |
| 219 | 15465 | 15466 | SN | 1 | 0.0 | 30.013 | 12.847 | 0.083 | 73.115 | 13.024 | 0.0 | 138.096 | 10.648 | 0.0 | 74.783 | 12.857 | 0.0 | 1.445 | 0.0 | 0.0 | 1.774 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.125 | 0.0 |
| 220 | 15465 | 15466 | NS | 1 | 0.0 | 150.204 | 9.908 | 0.0 | 31.193 | 14.453 | 0.0 | 355.257 | 10.714 | 0.0 | 75.611 | 12.913 | 0.0 | 1.43 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.161 | 0.0 |
| 221 | 15465 | 15466 | NS | 1 | 0.0 | 150.204 | 9.877 | 0.0 | 31.193 | 14.453 | 0.0 | 355.257 | 10.707 | 0.0 | 75.611 | 12.92 | 0.0 | 1.425 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.161 | 0.0 |
| 222 | 15465 | 15466 | NS | 1 | 0.0 | 106.109 | 6.001 | 0.0 | 24.608 | 7.197 | 0.0 | 352.224 | 2.718 | 0.0 | 55.404 | 3.42 | 0.0 | 1.45 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |
| 223 | 15465 | 15466 | NS | 1 | 0.0 | 186.939 | 6.008 | 0.0 | 24.608 | 7.19 | 0.0 | 352.218 | 2.707 | 0.0 | 55.404 | 3.415 | 0.0 | 1.444 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |
| 224 | 15465 | 15466 | SN | 1 | 0.0 | 23.312 | 6.005 | 0.0 | 73.115 | 7.269 | 0.0 | 133.292 | 2.113 | 0.0 | 59.623 | 3.443 | 0.0 | 1.431 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.125 | 0.0 |
| 225 | 15465 | 15466 | SN | 1 | 0.0 | 23.312 | 6.005 | 0.0 | 73.115 | 7.269 | 0.0 | 133.292 | 2.113 | 0.0 | 59.623 | 3.443 | 0.0 | 1.431 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.125 | 0.0 |
| 226 | 15465 | 15466 | NS | 1 | 0.0 | 150.204 | 9.94 | 0.0 | 29.908 | 14.089 | 0.0 | 355.257 | 10.971 | 0.0 | 14.543 | 12.552 | 0.0 | 1.425 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.161 | 0.0 |
| 227 | 15466 | 15467 | SN | 1 | 0.0 | 30.685 | 12.816 | 0.0 | 26.444 | 13.062 | 0.0 | 135.299 | 10.719 | 0.0 | 82.631 | 12.9 | 0.0 | 1.441 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.123 | 0.0 |
| 228 | 15466 | 15467 | SN | 1 | 0.0 | 23.312 | 5.989 | 0.0 | 26.687 | 7.276 | 0.0 | 142.497 | 2.13 | 0.0 | 153.593 | 3.448 | 0.0 | 1.43 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.125 | 0.0 |
| 229 | 15466 | 15467 | SN | 1 | 0.0 | 30.691 | 12.826 | 0.0 | 26.439 | 13.033 | 0.0 | 135.349 | 10.712 | 0.0 | 83.503 | 12.9 | 0.0 | 1.441 | 0.0 | 0.0 | 1.773 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.123 | 0.0 |
| 230 | 15466 | 15467 | NS | 1 | 0.0 | 169.421 | 9.882 | 0.0 | 36.305 | 14.46 | 0.0 | 178.584 | 10.649 | 0.0 | 77.331 | 12.955 | 0.0 | 1.425 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.161 | 0.0 |
| 231 | 15466 | 15467 | NS | 1 | 0.0 | 169.421 | 9.882 | 0.0 | 36.305 | 14.46 | 0.0 | 178.584 | 10.649 | 0.0 | 77.331 | 12.955 | 0.0 | 1.425 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.161 | 0.0 |
| 232 | 15466 | 15467 | NS | 1 | 0.0 | 25.81 | 6.332 | 0.0 | 24.613 | 7.362 | 0.0 | 131.221 | 2.935 | 0.0 | 12.949 | 3.534 | 0.0 | 1.45 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |
| 233 | 15466 | 15467 | NS | 1 | 0.0 | 169.421 | 10.012 | 0.0 | 29.908 | 13.933 | 0.0 | 178.584 | 11.333 | 0.0 | 14.174 | 12.505 | 0.0 | 1.425 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.161 | 0.0 |
| 234 | 15466 | 15467 | NS | 1 | 0.0 | 25.81 | 6.001 | 0.0 | 24.613 | 7.203 | 0.0 | 131.221 | 2.729 | 0.0 | 77.204 | 3.443 | 0.0 | 1.45 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |
| 235 | 15466 | 15467 | NS | 1 | 0.0 | 25.81 | 6.001 | 0.0 | 24.613 | 7.203 | 0.0 | 131.221 | 2.729 | 0.0 | 77.204 | 3.443 | 0.0 | 1.45 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |
| 236 | 15466 | 15467 | SN | 1 | 0.0 | 23.312 | 5.992 | 0.0 | 26.329 | 7.275 | 0.0 | 142.541 | 2.13 | 0.0 | 62.336 | 3.443 | 0.0 | 1.43 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.125 | 0.0 |
| 237 | 15467 | 15468 | SN | 1 | 0.0 | 30.371 | 12.813 | 0.0 | 26.439 | 12.929 | 0.0 | 134.936 | 10.619 | 0.0 | 83.679 | 12.811 | 0.0 | 1.446 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.127 | 0.0 |
| 238 | 15467 | 15468 | NS | 1 | 0.0 | 203.462 | 6.637 | 0.0 | 24.608 | 7.615 | 0.0 | 126.236 | 3.109 | 0.0 | 12.949 | 3.772 | 0.0 | 1.454 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.164 | 0.0 |
| 239 | 15467 | 15468 | NS | 1 | 0.0 | 53.531 | 9.884 | 0.0 | 36.327 | 14.501 | 0.0 | 135.468 | 10.635 | 0.0 | 77.872 | 13.012 | 0.0 | 1.422 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.162 | 0.0 |
| 240 | 15467 | 15468 | SN | 1 | 0.0 | 23.295 | 5.994 | 0.0 | 26.472 | 7.265 | 0.0 | 130.899 | 2.126 | 0.0 | 60.588 | 3.448 | 0.0 | 1.431 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.125 | 0.0 |
| 241 | 15467 | 15468 | SN | 1 | 0.0 | 30.371 | 12.909 | 0.0 | 25.612 | 12.23 | 0.0 | 134.936 | 10.942 | 0.0 | 14.642 | 11.74 | 0.0 | 1.446 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.127 | 0.0 |
| 242 | 15467 | 15468 | SN | 1 | 0.0 | 23.295 | 5.991 | 0.0 | 26.472 | 7.258 | 0.0 | 130.899 | 2.126 | 0.0 | 56.507 | 3.448 | 0.0 | 1.431 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.125 | 0.0 |
| 243 | 15467 | 15468 | SN | 1 | 0.0 | 23.295 | 6.044 | 0.0 | 25.523 | 7.14 | 0.0 | 130.899 | 2.18 | 0.0 | 13.109 | 3.153 | 0.0 | 1.431 | 0.0 | 0.0 | 1.77 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.125 | 0.0 |
| 244 | 15467 | 15468 | NS | 1 | 0.0 | 53.531 | 9.874 | 0.0 | 36.327 | 14.481 | 0.0 | 135.534 | 10.635 | 0.0 | 77.872 | 13.026 | 0.0 | 1.422 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.162 | 0.0 |
| 245 | 15467 | 15468 | SN | 1 | 0.0 | 30.371 | 12.823 | 0.0 | 26.439 | 12.939 | 0.0 | 134.936 | 10.626 | 0.0 | 83.734 | 12.811 | 0.0 | 1.446 | 0.0 | 0.0 | 1.772 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.127 | 0.0 |
| 246 | 15467 | 15468 | NS | 1 | 0.0 | 53.531 | 10.158 | 0.0 | 29.908 | 13.987 | 0.0 | 135.468 | 11.955 | 0.0 | 14.179 | 12.707 | 0.0 | 1.422 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.162 | 0.0 |
| 247 | 15467 | 15468 | NS | 1 | 0.0 | 203.462 | 6.022 | 0.0 | 24.608 | 7.237 | 0.0 | 180.178 | 2.735 | 0.0 | 55.779 | 3.467 | 0.0 | 1.454 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.164 | 0.0 |
| 248 | 15467 | 15468 | NS | 1 | 0.0 | 203.501 | 6.022 | 0.0 | 24.613 | 7.23 | 0.0 | 180.178 | 2.733 | 0.0 | 55.779 | 3.456 | 0.0 | 1.436 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |
| 249 | 15468 | 15469 | NS | 1 | 0.0 | 130.672 | 9.878 | 0.0 | 31.342 | 14.461 | 0.0 | 139.599 | 10.675 | 0.0 | 74.364 | 12.947 | 0.0 | 1.432 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.162 | 0.0 |
| 250 | 15468 | 15469 | NS | 1 | 0.0 | 105.339 | 9.879 | 0.0 | 31.342 | 14.449 | 0.0 | 139.626 | 10.668 | 0.0 | 74.32 | 12.947 | 0.0 | 1.431 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.162 | 0.0 |
| 251 | 15468 | 15469 | NS | 1 | 0.0 | 191.555 | 6.0 | 0.0 | 24.602 | 7.201 | 0.0 | 345.694 | 2.711 | 0.0 | 52.668 | 3.446 | 0.0 | 1.439 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |
| 252 | 15468 | 15469 | NS | 1 | 0.0 | 191.561 | 6.0 | 0.0 | 24.608 | 7.204 | 0.0 | 345.733 | 2.711 | 0.0 | 53.716 | 3.448 | 0.0 | 1.453 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |

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

Normal
Deviations
Alarming
High Errors