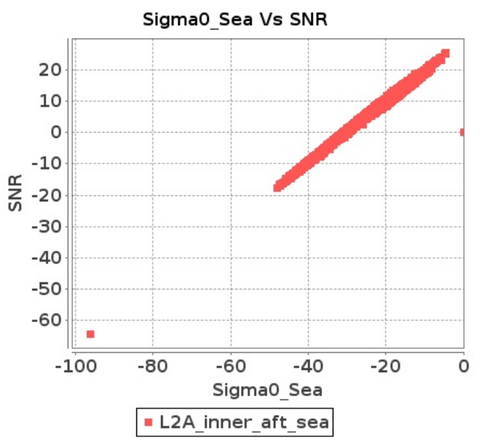
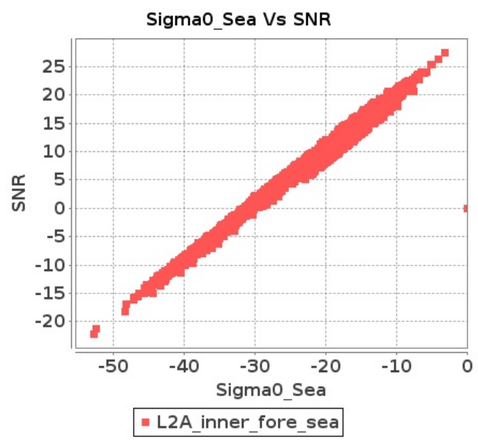
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 31-JUL-2018 To 01-AUG-2018

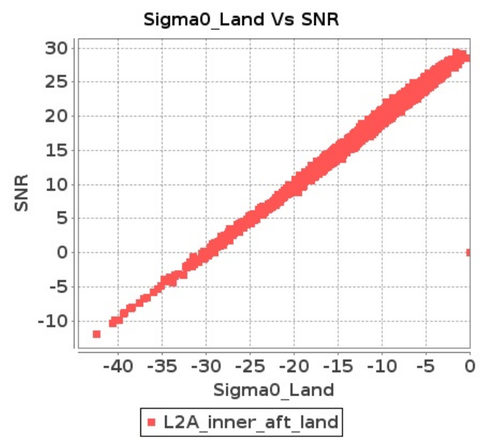
## Inner Sea Aft Sigma0VsSNR



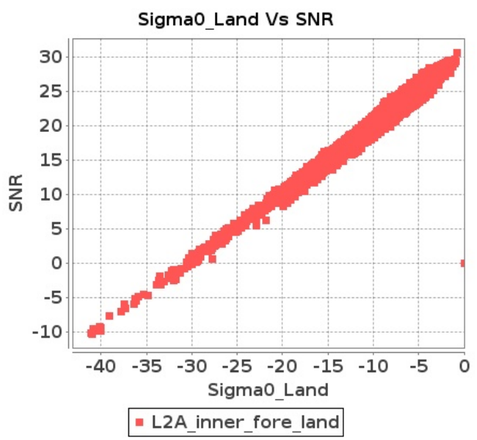

## Inner Sea Fore Sigma0VsSNR



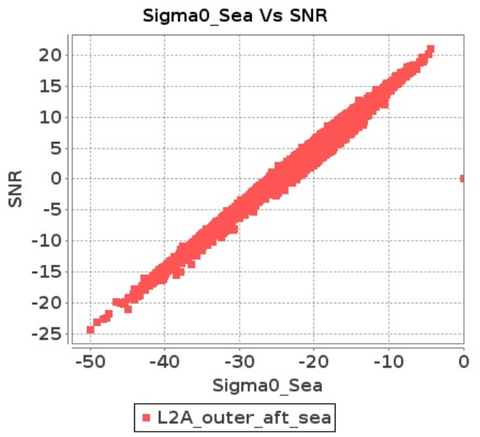

## Inner Land Aft Sigma0VsSNR



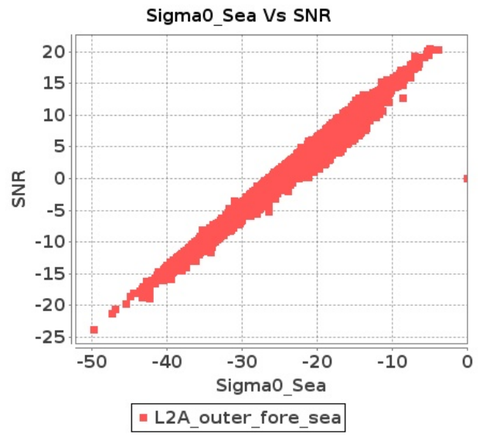

## Inner Land Fore Sigma0VsSNR



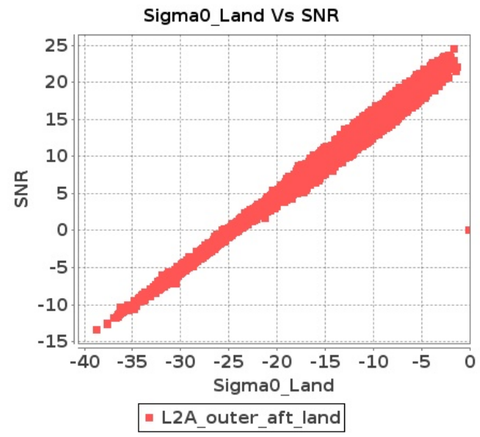

## Outer Sea Aft Sigma0VsSNR



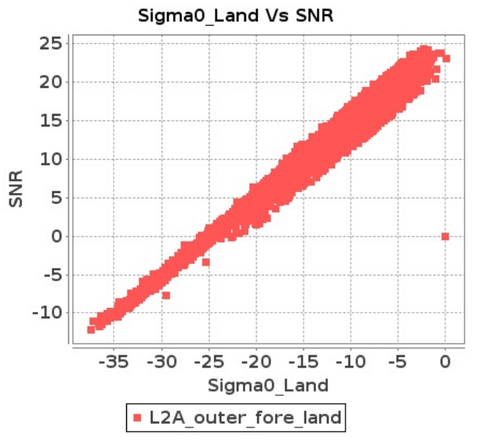

## Outer Sea Fore Sigma0VsSNR




## Outer Land Aft Sigma0VsSNR




## Outer Land Fore Sigma0VsSNR



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

Report between 31-JUL-2018 To 01-AUG-2018

| | | | | | 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 | 9755 | 9756 | SN | 1 | 0.0 | 47.863 | 3.808 | 0.0 | 54.457 | 4.403 | 0.0 | 44.555 | 3.355 | 0.0 | 48.276 | 4.273 | 0.0 | 48.197 | 3.909 | 0.0 | 54.473 | 3.998 | 0.0 | 45.7 | 3.305 | 0.0 | 48.417 | 3.626 |
| 2 | 9755 | 9756 | SN | 1 | 0.0 | 42.991 | 1.055 | 0.0 | 47.723 | 1.212 | 0.0 | 39.594 | 0.855 | 0.0 | 43.715 | 1.164 | 0.0 | 43.558 | 1.046 | 0.0 | 50.066 | 1.095 | 0.0 | 39.649 | 0.812 | 0.0 | 43.633 | 0.963 |
| 3 | 9755 | 9756 | SN | 1 | 0.0 | 43.72 | 0.983 | 0.0 | 47.723 | 1.177 | 0.0 | 39.594 | 0.88 | 0.0 | 43.715 | 1.087 | 0.0 | 43.558 | 0.987 | 0.0 | 47.974 | 1.057 | 0.0 | 39.649 | 0.814 | 0.0 | 43.633 | 0.908 |
| 4 | 9755 | 9756 | SN | 1 | 0.0 | 47.863 | 3.808 | 0.0 | 54.457 | 4.403 | 0.0 | 44.555 | 3.355 | 0.0 | 48.276 | 4.273 | 0.0 | 48.197 | 3.909 | 0.0 | 54.473 | 3.998 | 0.0 | 45.7 | 3.305 | 0.0 | 48.417 | 3.626 |
| 5 | 9755 | 9756 | SN | 1 | 0.0 | 43.72 | 0.983 | 0.0 | 47.723 | 1.177 | 0.0 | 39.594 | 0.88 | 0.0 | 43.715 | 1.087 | 0.0 | 43.558 | 0.987 | 0.0 | 47.974 | 1.057 | 0.0 | 39.649 | 0.814 | 0.0 | 43.633 | 0.908 |
| 6 | 9755 | 9756 | SN | 1 | 0.0 | 45.479 | 3.961 | 0.0 | 54.457 | 4.584 | 0.0 | 45.225 | 3.27 | 0.0 | 48.276 | 4.469 | 0.0 | 46.66 | 4.068 | 0.0 | 54.473 | 4.168 | 0.0 | 45.705 | 3.27 | 0.0 | 48.417 | 3.781 |
| 7 | 9756 | 9757 | SN | 1 | 0.0 | 43.353 | 1.241 | 0.0 | 40.224 | 1.779 | 0.0 | 46.477 | 1.247 | 0.0 | 45.29 | 1.514 | 0.0 | 44.621 | 1.219 | 0.0 | 40.657 | 1.623 | 0.0 | 43.744 | 1.132 | 0.0 | 44.471 | 1.427 |
| 8 | 9756 | 9757 | NS | 1 | 0.0 | 42.426 | 1.043 | 0.0 | 46.408 | 1.168 | 0.0 | 44.407 | 0.897 | 0.0 | 47.162 | 1.309 | 0.0 | 42.505 | 1.041 | 0.0 | 45.856 | 1.102 | 0.0 | 42.911 | 0.824 | 0.0 | 45.717 | 1.065 |
| 9 | 9756 | 9757 | SN | 1 | 0.0 | 43.353 | 1.262 | 0.0 | 43.799 | 1.809 | 0.0 | 46.477 | 1.256 | 0.0 | 45.29 | 1.538 | 0.0 | 44.621 | 1.244 | 0.0 | 41.895 | 1.644 | 0.0 | 43.744 | 1.141 | 0.0 | 44.471 | 1.451 |
| 10 | 9756 | 9757 | NS | 1 | 0.0 | 55.157 | 4.113 | 0.0 | 48.112 | 4.804 | 0.0 | 50.214 | 3.35 | 0.0 | 49.258 | 4.265 | 0.0 | 57.028 | 4.245 | 0.0 | 47.042 | 4.407 | 0.0 | 49.763 | 3.187 | 0.0 | 49.944 | 3.801 |
| 11 | 9756 | 9757 | NS | 1 | 0.0 | 54.518 | 4.154 | 0.0 | 47.347 | 4.743 | 0.0 | 50.18 | 3.258 | 0.0 | 48.997 | 4.279 | 0.0 | 56.389 | 4.255 | 0.0 | 46.993 | 4.295 | 0.0 | 49.326 | 3.116 | 0.0 | 49.684 | 3.744 |
| 12 | 9756 | 9757 | NS | 1 | 0.0 | 43.146 | 1.029 | 0.0 | 44.97 | 1.165 | 0.0 | 46.673 | 0.89 | 0.0 | 50.619 | 1.28 | 0.0 | 42.063 | 1.027 | 0.0 | 46.037 | 1.102 | 0.0 | 46.763 | 0.823 | 0.0 | 49.174 | 1.063 |
| 13 | 9756 | 9757 | SN | 1 | 0.0 | 50.602 | 4.402 | 0.0 | 52.422 | 5.532 | 0.0 | 44.9 | 4.142 | 0.0 | 44.023 | 4.991 | 0.0 | 50.724 | 4.504 | 0.0 | 50.867 | 5.116 | 0.0 | 47.226 | 4.113 | 0.0 | 43.642 | 4.522 |
| 14 | 9756 | 9757 | SN | 1 | 0.0 | 43.353 | 1.241 | 0.0 | 40.224 | 1.779 | 0.0 | 46.477 | 1.247 | 0.0 | 45.29 | 1.514 | 0.0 | 44.621 | 1.219 | 0.0 | 40.657 | 1.623 | 0.0 | 43.744 | 1.132 | 0.0 | 44.471 | 1.427 |
| 15 | 9756 | 9757 | SN | 1 | 0.0 | 50.602 | 4.485 | 0.0 | 52.422 | 5.607 | 0.0 | 44.9 | 4.232 | 0.0 | 44.926 | 5.077 | 0.0 | 50.724 | 4.598 | 0.0 | 50.867 | 5.205 | 0.0 | 47.226 | 4.167 | 0.0 | 43.642 | 4.629 |
| 16 | 9756 | 9757 | SN | 1 | 0.0 | 50.602 | 4.402 | 0.0 | 52.422 | 5.532 | 0.0 | 44.9 | 4.142 | 0.0 | 44.023 | 4.991 | 0.0 | 50.724 | 4.504 | 0.0 | 50.867 | 5.116 | 0.0 | 47.226 | 4.113 | 0.0 | 43.642 | 4.522 |
| 17 | 9757 | 9758 | SN | 1 | 0.0 | 42.595 | 0.959 | 0.0 | 53.441 | 1.349 | 0.0 | 42.838 | 1.105 | 0.0 | 43.05 | 1.593 | 0.0 | 42.673 | 0.92 | 0.0 | 49.813 | 1.189 | 0.0 | 43.267 | 1.073 | 0.0 | 41.324 | 1.241 |
| 18 | 9757 | 9758 | SN | 1 | 0.0 | 51.815 | 3.623 | 0.0 | 44.817 | 3.948 | 0.0 | 40.353 | 3.503 | 0.0 | 43.2 | 4.672 | 0.0 | 51.608 | 3.623 | 0.0 | 45.584 | 3.553 | 0.0 | 41.854 | 3.397 | 0.0 | 44.338 | 3.904 |
| 19 | 9757 | 9758 | NS | 1 | 0.0 | 49.289 | 1.026 | 0.0 | 43.823 | 1.557 | 0.0 | 41.053 | 1.337 | 0.0 | 43.271 | 2.082 | 0.0 | 47.123 | 1.026 | 0.0 | 41.795 | 1.282 | 0.0 | 41.905 | 1.167 | 0.0 | 40.994 | 1.59 |
| 20 | 9757 | 9758 | NS | 1 | 0.0 | 43.831 | 1.239 | 0.0 | 49.742 | 1.762 | 0.0 | 42.864 | 1.301 | 0.0 | 36.868 | 1.933 | 0.0 | 42.44 | 1.208 | 0.0 | 49.817 | 1.476 | 0.0 | 43.927 | 1.109 | 0.0 | 36.895 | 1.484 |
| 21 | 9757 | 9758 | SN | 1 | 0.0 | 42.597 | 0.957 | 0.0 | 53.441 | 1.356 | 0.0 | 42.043 | 1.098 | 0.0 | 43.465 | 1.593 | 0.0 | 42.675 | 0.927 | 0.0 | 49.813 | 1.187 | 0.0 | 42.474 | 1.049 | 0.0 | 41.738 | 1.237 |
| 22 | 9757 | 9758 | NS | 1 | 0.0 | 36.277 | 0.299 | 0.0 | 35.375 | 0.474 | 0.0 | 38.078 | 0.412 | 0.0 | 38.523 | 0.677 | 0.0 | 37.004 | 0.305 | 0.0 | 35.033 | 0.377 | 0.0 | 36.449 | 0.327 | 0.0 | 33.976 | 0.493 |
| 23 | 9757 | 9758 | NS | 1 | 0.0 | 34.144 | 0.267 | 0.0 | 39.182 | 0.442 | 0.0 | 41.361 | 0.414 | 0.0 | 37.889 | 0.6 | 0.0 | 35.18 | 0.265 | 0.0 | 36.813 | 0.365 | 0.0 | 37.235 | 0.341 | 0.0 | 38.427 | 0.438 |
| 24 | 9757 | 9758 | SN | 1 | 0.0 | 51.815 | 3.754 | 0.0 | 44.817 | 4.03 | 0.0 | 40.627 | 3.464 | 0.0 | 43.2 | 4.689 | 0.0 | 51.608 | 3.723 | 0.0 | 45.584 | 3.598 | 0.0 | 41.518 | 3.349 | 0.0 | 44.328 | 3.933 |
| 25 | 9757 | 9758 | SN | 1 | 0.0 | 51.815 | 3.672 | 0.0 | 44.817 | 3.999 | 0.0 | 40.353 | 3.55 | 0.0 | 43.2 | 4.732 | 0.0 | 51.608 | 3.672 | 0.0 | 45.584 | 3.598 | 0.0 | 41.854 | 3.442 | 0.0 | 44.338 | 3.947 |
| 26 | 9757 | 9758 | SN | 1 | 0.0 | 42.597 | 0.944 | 0.0 | 53.441 | 1.337 | 0.0 | 42.043 | 1.085 | 0.0 | 43.465 | 1.569 | 0.0 | 42.675 | 0.915 | 0.0 | 49.813 | 1.17 | 0.0 | 42.474 | 1.035 | 0.0 | 41.738 | 1.22 |
| 27 | 9758 | 9759 | SN | 1 | 0.0 | 44.787 | 4.566 | 0.0 | 40.454 | 5.847 | 0.0 | 40.774 | 4.064 | 0.0 | 40.177 | 5.105 | 0.0 | 45.094 | 4.556 | 0.0 | 42.612 | 5.715 | 0.0 | 38.631 | 3.915 | 0.0 | 41.201 | 4.643 |
| 28 | 9758 | 9759 | NS | 1 | 0.0 | 45.852 | 0.545 | 0.0 | 39.178 | 0.623 | 0.0 | 38.254 | 0.501 | 0.0 | 41.928 | 0.97 | 0.0 | 46.014 | 0.516 | 0.0 | 38.479 | 0.585 | 0.0 | 36.826 | 0.48 | 0.0 | 43.194 | 0.783 |
| 29 | 9758 | 9759 | NS | 1 | 0.0 | 47.131 | 0.538 | 0.0 | 41.491 | 0.619 | 0.0 | 38.073 | 0.485 | 0.0 | 43.455 | 0.963 | 0.0 | 46.924 | 0.525 | 0.0 | 40.505 | 0.583 | 0.0 | 37.107 | 0.455 | 0.0 | 44.717 | 0.791 |
| 30 | 9758 | 9759 | SN | 1 | 0.0 | 45.256 | 4.475 | 0.0 | 39.328 | 5.826 | 0.0 | 40.459 | 4.085 | 0.0 | 48.491 | 5.063 | 0.0 | 45.561 | 4.404 | 0.0 | 40.524 | 5.755 | 0.0 | 39.782 | 3.965 | 0.0 | 44.291 | 4.664 |
| 31 | 9758 | 9759 | NS | 1 | 0.0 | 48.98 | 1.493 | 0.0 | 45.725 | 2.025 | 0.0 | 42.083 | 1.949 | 0.0 | 40.689 | 3.067 | 0.0 | 50.6 | 1.513 | 0.0 | 44.811 | 1.822 | 0.0 | 40.065 | 1.878 | 0.0 | 43.427 | 2.468 |

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

Normal  Deviations

Alarming  High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 9758 | 9759 | SN | 1 | 0.0 | 43.576 | 1.102 | 0.0 | 43.084 | 1.495 | 0.0 | 37.96 | 1.335 | 0.0 | 36.713 | 1.757 | 0.0 | 44.547 | 1.062 | 0.0 | 41.424 | 1.457 | 0.0 | 35.549 | 1.264 | 0.0 | 38.719 | 1.542 |
| 33 | 9758 | 9759 | NS | 1 | 0.0 | 49.119 | 1.513 | 0.0 | 45.804 | 2.015 | 0.0 | 40.442 | 1.899 | 0.0 | 46.458 | 3.074 | 0.0 | 50.737 | 1.534 | 0.0 | 44.788 | 1.822 | 0.0 | 38.41 | 1.835 | 0.0 | 46.506 | 2.503 |
| 34 | 9758 | 9759 | SN | 1 | 0.0 | 46.964 | 4.422 | 0.0 | 40.641 | 5.88 | 0.0 | 43.624 | 4.134 | 0.0 | 48.359 | 5.104 | 0.0 | 47.27 | 4.474 | 0.0 | 42.612 | 5.766 | 0.0 | 42.947 | 4.018 | 0.0 | 44.158 | 4.663 |
| 35 | 9758 | 9759 | SN | 1 | 0.0 | 42.748 | 1.09 | 0.0 | 57.719 | 1.556 | 0.0 | 38.901 | 1.38 | 0.0 | 37.241 | 1.743 | 0.0 | 43.722 | 1.056 | 0.0 | 56.064 | 1.484 | 0.0 | 36.814 | 1.328 | 0.0 | 34.983 | 1.558 |
| 36 | 9758 | 9759 | SN | 1 | 0.0 | 42.748 | 1.062 | 0.0 | 44.994 | 1.529 | 0.0 | 38.901 | 1.342 | 0.0 | 36.904 | 1.735 | 0.0 | 43.722 | 1.05 | 0.0 | 46.416 | 1.461 | 0.0 | 36.814 | 1.292 | 0.0 | 34.983 | 1.523 |
| 37 | 9759 | 9760 | SN | 1 | 0.0 | 45.37 | 1.221 | 0.0 | 48.447 | 1.879 | 0.0 | 36.662 | 1.617 | 0.0 | 38.451 | 2.154 | 0.0 | 43.893 | 1.172 | 0.0 | 50.367 | 1.694 | 0.0 | 36.944 | 1.484 | 0.0 | 38.007 | 1.8 |
| 38 | 9759 | 9760 | NS | 1 | 0.0 | 47.645 | 3.23 | 0.0 | 54.553 | 4.302 | 0.0 | 44.789 | 3.466 | 0.0 | 44.47 | 3.884 | 0.0 | 47.537 | 3.291 | 0.0 | 53.588 | 4.099 | 0.0 | 45.493 | 3.402 | 0.0 | 44.935 | 3.457 |
| 39 | 9759 | 9760 | NS | 1 | 0.0 | 47.645 | 3.22 | 0.0 | 56.425 | 4.302 | 0.0 | 44.789 | 3.466 | 0.0 | 44.478 | 3.884 | 0.0 | 47.537 | 3.281 | 0.0 | 55.036 | 4.089 | 0.0 | 45.493 | 3.409 | 0.0 | 44.946 | 3.442 |
| 40 | 9759 | 9760 | SN | 1 | 0.0 | 46.158 | 3.964 | 0.0 | 42.405 | 5.526 | 0.0 | 43.529 | 4.878 | 0.0 | 40.927 | 6.162 | 0.0 | 46.302 | 4.027 | 0.0 | 43.039 | 4.993 | 0.0 | 41.714 | 4.658 | 0.0 | 40.597 | 5.569 |
| 41 | 9759 | 9760 | SN | 1 | 0.0 | 51.916 | 3.998 | 0.0 | 44.408 | 5.433 | 0.0 | 37.957 | 4.822 | 0.0 | 40.927 | 6.024 | 0.0 | 52.056 | 4.059 | 0.0 | 44.828 | 4.905 | 0.0 | 37.945 | 4.673 | 0.0 | 39.366 | 5.505 |
| 42 | 9759 | 9760 | SN | 1 | 0.0 | 53.15 | 4.089 | 0.0 | 53.984 | 5.504 | 0.0 | 37.529 | 4.758 | 0.0 | 41.8 | 6.074 | 0.0 | 53.292 | 4.13 | 0.0 | 53.797 | 4.844 | 0.0 | 38.432 | 4.574 | 0.0 | 39.322 | 5.491 |
| 43 | 9759 | 9760 | NS | 1 | 0.0 | 44.784 | 0.824 | 0.0 | 54.744 | 1.203 | 0.0 | 39.246 | 0.874 | 0.0 | 43.616 | 1.105 | 0.0 | 45.123 | 0.846 | 0.0 | 53.619 | 1.151 | 0.0 | 40.274 | 0.841 | 0.0 | 41.806 | 1.014 |
| 44 | 9759 | 9760 | NS | 1 | 0.0 | 44.784 | 0.824 | 0.0 | 52.872 | 1.199 | 0.0 | 39.168 | 0.878 | 0.0 | 43.659 | 1.11 | 0.0 | 45.121 | 0.846 | 0.0 | 51.745 | 1.153 | 0.0 | 40.274 | 0.846 | 0.0 | 41.89 | 1.02 |
| 45 | 9759 | 9760 | SN | 1 | 0.0 | 42.521 | 1.222 | 0.0 | 38.902 | 1.888 | 0.0 | 36.744 | 1.597 | 0.0 | 41.091 | 2.224 | 0.0 | 41.083 | 1.15 | 0.0 | 38.143 | 1.7 | 0.0 | 38.521 | 1.445 | 0.0 | 38.127 | 1.847 |
| 46 | 9759 | 9760 | SN | 1 | 0.0 | 42.521 | 1.23 | 0.0 | 39.164 | 1.876 | 0.0 | 36.744 | 1.596 | 0.0 | 41.091 | 2.182 | 0.0 | 41.083 | 1.142 | 0.0 | 38.143 | 1.687 | 0.0 | 38.521 | 1.44 | 0.0 | 38.127 | 1.819 |
| 47 | 9760 | 9761 | SN | 1 | 0.0 | 47.979 | 9.315 | 0.0 | 50.319 | 10.001 | 0.0 | 48.568 | 7.518 | 0.0 | 41.415 | 9.294 | 0.0 | 49.587 | 9.457 | 0.0 | 48.462 | 9.777 | 0.0 | 44.485 | 7.861 | 0.0 | 45.052 | 9.208 |
| 48 | 9760 | 9761 | SN | 1 | 0.0 | 50.471 | 2.35 | 0.0 | 46.261 | 3.002 | 0.0 | 39.145 | 2.341 | 0.0 | 45.415 | 2.995 | 0.0 | 52.732 | 2.42 | 0.0 | 45.922 | 2.916 | 0.0 | 39.355 | 2.415 | 0.0 | 44.744 | 2.921 |
| 49 | 9760 | 9761 | SN | 1 | 0.0 | 44.175 | 2.384 | 0.0 | 44.855 | 3.038 | 0.0 | 42.901 | 2.321 | 0.0 | 42.491 | 2.985 | 0.0 | 44.37 | 2.438 | 0.0 | 42.46 | 2.903 | 0.0 | 40.783 | 2.394 | 0.0 | 41.82 | 2.908 |
| 50 | 9760 | 9761 | NS | 1 | 0.0 | 55.479 | 6.673 | 0.0 | 52.692 | 7.465 | 0.0 | 43.732 | 5.864 | 0.0 | 44.512 | 7.034 | 0.0 | 56.235 | 6.684 | 0.0 | 53.26 | 7.293 | 0.0 | 44.264 | 5.8 | 0.0 | 42.227 | 6.614 |
| 51 | 9760 | 9761 | SN | 1 | 0.0 | 50.471 | 2.364 | 0.0 | 46.261 | 3.01 | 0.0 | 39.145 | 2.355 | 0.0 | 45.415 | 3.005 | 0.0 | 52.732 | 2.434 | 0.0 | 45.922 | 2.929 | 0.0 | 39.355 | 2.43 | 0.0 | 44.744 | 2.932 |
| 52 | 9760 | 9761 | NS | 1 | 0.0 | 53.973 | 6.684 | 0.0 | 52.824 | 7.465 | 0.0 | 43.726 | 5.871 | 0.0 | 44.512 | 6.985 | 0.0 | 54.729 | 6.704 | 0.0 | 53.392 | 7.293 | 0.0 | 44.259 | 5.807 | 0.0 | 42.227 | 6.585 |
| 53 | 9760 | 9761 | NS | 1 | 0.0 | 48.045 | 1.758 | 0.0 | 50.233 | 2.085 | 0.0 | 44.507 | 1.559 | 0.0 | 45.691 | 2.057 | 0.0 | 48.181 | 1.792 | 0.0 | 46.647 | 2.012 | 0.0 | 43.042 | 1.55 | 0.0 | 42.862 | 1.836 |
| 54 | 9760 | 9761 | NS | 1 | 0.0 | 47.835 | 1.752 | 0.0 | 50.706 | 2.094 | 0.0 | 44.897 | 1.559 | 0.0 | 44.394 | 2.057 | 0.0 | 47.97 | 1.795 | 0.0 | 47.082 | 2.021 | 0.0 | 42.832 | 1.559 | 0.0 | 43.201 | 1.831 |
| 55 | 9760 | 9761 | SN | 1 | 0.0 | 47.979 | 9.271 | 0.0 | 50.319 | 9.971 | 0.0 | 48.568 | 7.488 | 0.0 | 41.415 | 9.253 | 0.0 | 49.587 | 9.423 | 0.0 | 48.462 | 9.727 | 0.0 | 44.485 | 7.829 | 0.0 | 45.052 | 9.168 |
| 56 | 9760 | 9761 | SN | 1 | 0.0 | 49.923 | 9.049 | 0.0 | 51.75 | 10.103 | 0.0 | 41.328 | 7.396 | 0.0 | 42.3 | 9.196 | 0.0 | 51.535 | 9.312 | 0.0 | 49.585 | 9.839 | 0.0 | 42.434 | 7.701 | 0.0 | 46.404 | 8.99 |
| 57 | 9761 | 9762 | SN | 1 | 0.0 | 49.011 | 2.234 | 0.0 | 47.477 | 3.203 | 0.0 | 45.964 | 1.935 | 0.0 | 43.915 | 2.784 | 0.0 | 48.406 | 2.236 | 0.0 | 48.212 | 3.102 | 0.0 | 43.858 | 1.986 | 0.0 | 38.381 | 2.664 |
| 58 | 9761 | 9762 | SN | 1 | 0.0 | 44.66 | 2.313 | 0.0 | 47.477 | 3.352 | 0.0 | 45.964 | 2.044 | 0.0 | 43.915 | 2.887 | 0.0 | 45.259 | 2.327 | 0.0 | 48.212 | 3.289 | 0.0 | 43.858 | 2.091 | 0.0 | 38.381 | 2.788 |
| 59 | 9761 | 9762 | NS | 1 | 0.0 | 50.206 | 5.201 | 0.0 | 48.761 | 6.167 | 0.0 | 43.146 | 4.725 | 0.0 | 42.29 | 5.718 | 0.0 | 50.763 | 5.19 | 0.0 | 51.051 | 6.055 | 0.0 | 42.574 | 4.661 | 0.0 | 42.683 | 5.397 |
| 60 | 9761 | 9762 | NS | 1 | 0.0 | 50.206 | 5.211 | 0.0 | 48.761 | 6.188 | 0.0 | 43.345 | 4.732 | 0.0 | 42.443 | 5.689 | 0.0 | 50.763 | 5.16 | 0.0 | 51.051 | 6.055 | 0.0 | 42.579 | 4.661 | 0.0 | 43.472 | 5.404 |
| 61 | 9761 | 9762 | NS | 1 | 0.0 | 44.082 | 1.338 | 0.0 | 47.753 | 1.829 | 0.0 | 37.81 | 1.473 | 0.0 | 42.174 | 1.839 | 0.0 | 43.534 | 1.304 | 0.0 | 47.759 | 1.709 | 0.0 | 36.02 | 1.381 | 0.0 | 41.178 | 1.662 |
| 62 | 9761 | 9762 | SN | 1 | 0.0 | 50.415 | 7.628 | 0.0 | 49.849 | 9.558 | 0.0 | 46.249 | 6.791 | 0.0 | 47.762 | 8.489 | 0.0 | 50.129 | 7.719 | 0.0 | 47.844 | 9.294 | 0.0 | 46.05 | 6.756 | 0.0 | 45.343 | 8.545 |
| 63 | 9761 | 9762 | SN | 1 | 0.0 | 49.011 | 2.234 | 0.0 | 47.477 | 3.203 | 0.0 | 45.964 | 1.935 | 0.0 | 43.915 | 2.784 | 0.0 | 48.406 | 2.236 | 0.0 | 48.212 | 3.102 | 0.0 | 43.858 | 1.986 | 0.0 | 38.381 | 2.664 |
| 64 | 9761 | 9762 | SN | 1 | 0.0 | 50.407 | 7.882 | 0.0 | 49.849 | 9.777 | 0.0 | 46.249 | 7.101 | 0.0 | 47.762 | 8.794 | 0.0 | 50.121 | 8.011 | 0.0 | 47.969 | 9.551 | 0.0 | 46.05 | 7.093 | 0.0 | 45.343 | 8.87 |
| 65 | 9761 | 9762 | SN | 1 | 0.0 | 50.415 | 7.628 | 0.0 | 49.849 | 9.558 | 0.0 | 46.249 | 6.791 | 0.0 | 47.762 | 8.489 | 0.0 | 50.129 | 7.719 | 0.0 | 47.844 | 9.294 | 0.0 | 46.05 | 6.756 | 0.0 | 45.343 | 8.545 |
| 66 | 9761 | 9762 | NS | 1 | 0.0 | 43.927 | 1.328 | 0.0 | 47.815 | 1.831 | 0.0 | 38.407 | 1.482 | 0.0 | 44.189 | 1.833 | 0.0 | 43.379 | 1.29 | 0.0 | 50.464 | 1.716 | 0.0 | 36.617 | 1.384 | 0.0 | 46.843 | 1.678 |
| 67 | 9762 | 9763 | SN | 1 | 0.0 | 58.899 | 7.643 | 0.0 | 55.214 | 9.294 | 0.0 | 47.123 | 5.57 | 0.0 | 51.107 | 7.234 | 0.0 | 59.821 | 7.765 | 0.0 | 53.561 | 8.839 | 0.0 | 46.615 | 5.555 | 0.0 | 50.085 | 6.627 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 9762 | 9763 | NS | 1 | 0.0 | 46.938 | 4.043 | 0.0 | 46.249 | 4.997 | 0.0 | 40.391 | 3.693 | 0.0 | 42.977 | 4.948 | 0.0 | 46.306 | 4.053 | 0.0 | 47.137 | 4.814 | 0.0 | 40.746 | 3.679 | 0.0 | 41.288 | 4.491 |
| 69 | 9762 | 9763 | NS | 1 | 0.0 | 46.938 | 4.043 | 0.0 | 46.249 | 4.997 | 0.0 | 40.391 | 3.693 | 0.0 | 42.977 | 4.933 | 0.0 | 46.306 | 4.053 | 0.0 | 47.137 | 4.824 | 0.0 | 40.746 | 3.693 | 0.0 | 41.288 | 4.484 |
| 70 | 9762 | 9763 | SN | 1 | 0.0 | 58.899 | 7.382 | 0.0 | 55.214 | 8.888 | 0.0 | 47.123 | 5.369 | 0.0 | 51.107 | 7.166 | 0.0 | 59.821 | 7.504 | 0.0 | 53.561 | 8.442 | 0.0 | 46.615 | 5.334 | 0.0 | 50.085 | 6.533 |
| 71 | 9762 | 9763 | SN | 1 | 0.0 | 58.899 | 7.382 | 0.0 | 55.214 | 8.878 | 0.0 | 47.123 | 5.369 | 0.0 | 51.107 | 7.159 | 0.0 | 59.821 | 7.504 | 0.0 | 53.561 | 8.421 | 0.0 | 46.615 | 5.341 | 0.0 | 50.085 | 6.505 |
| 72 | 9762 | 9763 | SN | 1 | 0.0 | 50.052 | 2.087 | 0.0 | 44.991 | 2.873 | 0.0 | 42.165 | 1.489 | 0.0 | 45.773 | 2.052 | 0.0 | 50.613 | 2.09 | 0.0 | 45.754 | 2.718 | 0.0 | 42.644 | 1.4 | 0.0 | 46.166 | 1.856 |
| 73 | 9762 | 9763 | NS | 1 | 0.0 | 35.808 | 0.932 | 0.0 | 53.03 | 1.48 | 0.0 | 38.446 | 1.176 | 0.0 | 41.763 | 1.68 | 0.0 | 36.475 | 0.951 | 0.0 | 50.962 | 1.38 | 0.0 | 36.264 | 1.162 | 0.0 | 43.07 | 1.468 |
| 74 | 9762 | 9763 | NS | 1 | 0.0 | 35.808 | 0.932 | 0.0 | 55.079 | 1.48 | 0.0 | 38.446 | 1.176 | 0.0 | 41.763 | 1.68 | 0.0 | 36.475 | 0.951 | 0.0 | 53.012 | 1.378 | 0.0 | 36.264 | 1.169 | 0.0 | 43.07 | 1.467 |
| 75 | 9762 | 9763 | SN | 1 | 0.0 | 50.052 | 1.992 | 0.0 | 44.991 | 2.705 | 0.0 | 42.165 | 1.421 | 0.0 | 45.773 | 2.051 | 0.0 | 50.613 | 1.99 | 0.0 | 45.754 | 2.565 | 0.0 | 42.644 | 1.345 | 0.0 | 46.166 | 1.848 |
| 76 | 9762 | 9763 | SN | 1 | 0.0 | 50.052 | 1.986 | 0.0 | 44.991 | 2.705 | 0.0 | 42.165 | 1.425 | 0.0 | 45.773 | 2.041 | 0.0 | 50.613 | 1.983 | 0.0 | 45.754 | 2.565 | 0.0 | 42.644 | 1.349 | 0.0 | 46.166 | 1.841 |
| 77 | 9763 | 9764 | NS | 1 | 0.0 | 44.216 | 5.88 | 0.0 | 46.701 | 6.574 | 0.0 | 44.436 | 4.766 | 0.0 | 47.542 | 6.141 | 0.0 | 44.348 | 5.951 | 0.0 | 48.427 | 6.442 | 0.0 | 44.754 | 4.958 | 0.0 | 47.535 | 5.806 |
| 78 | 9763 | 9764 | SN | 1 | 0.0 | 49.147 | 2.865 | 0.0 | 51.825 | 4.689 | 0.0 | 43.366 | 2.695 | 0.0 | 45.531 | 4.494 | 0.0 | 50.009 | 2.936 | 0.0 | 51.36 | 4.375 | 0.0 | 40.526 | 2.631 | 0.0 | 43.121 | 3.754 |
| 79 | 9763 | 9764 | SN | 1 | 0.0 | 49.147 | 2.865 | 0.0 | 51.825 | 4.689 | 0.0 | 43.366 | 2.695 | 0.0 | 45.531 | 4.494 | 0.0 | 50.009 | 2.936 | 0.0 | 51.36 | 4.375 | 0.0 | 40.526 | 2.631 | 0.0 | 43.121 | 3.754 |
| 80 | 9763 | 9764 | NS | 1 | 0.0 | 53.197 | 1.369 | 0.0 | 45.879 | 1.764 | 0.0 | 43.728 | 1.272 | 0.0 | 51.645 | 2.083 | 0.0 | 51.732 | 1.385 | 0.0 | 47.851 | 1.741 | 0.0 | 42.531 | 1.283 | 0.0 | 51.621 | 1.832 |
| 81 | 9763 | 9764 | NS | 1 | 0.0 | 42.94 | 1.387 | 0.0 | 46.818 | 1.762 | 0.0 | 45.847 | 1.274 | 0.0 | 49.968 | 2.062 | 0.0 | 42.057 | 1.387 | 0.0 | 47.67 | 1.728 | 0.0 | 44.65 | 1.297 | 0.0 | 49.941 | 1.859 |
| 82 | 9763 | 9764 | SN | 1 | 0.0 | 46.149 | 0.746 | 0.0 | 47.196 | 1.272 | 0.0 | 43.167 | 0.678 | 0.0 | 42.297 | 1.25 | 0.0 | 45.33 | 0.732 | 0.0 | 45.974 | 1.121 | 0.0 | 40.401 | 0.6 | 0.0 | 40.476 | 1.025 |
| 83 | 9763 | 9764 | NS | 1 | 0.0 | 43.984 | 5.86 | 0.0 | 48.577 | 6.513 | 0.0 | 44.371 | 4.759 | 0.0 | 48.492 | 6.205 | 0.0 | 44.45 | 5.849 | 0.0 | 50.308 | 6.422 | 0.0 | 42.929 | 4.872 | 0.0 | 48.171 | 5.841 |
| 84 | 9763 | 9764 | SN | 1 | 0.0 | 46.149 | 0.746 | 0.0 | 47.196 | 1.272 | 0.0 | 43.167 | 0.678 | 0.0 | 42.297 | 1.25 | 0.0 | 45.33 | 0.732 | 0.0 | 45.974 | 1.121 | 0.0 | 40.401 | 0.6 | 0.0 | 40.476 | 1.025 |
| 85 | 9764 | 9765 | NS | 1 | 0.0 | 48.8 | 1.753 | 0.0 | 44.824 | 2.141 | 0.0 | 44.541 | 1.527 | 0.0 | 46.996 | 2.214 | 0.0 | 50.341 | 1.787 | 0.0 | 46.019 | 2.037 | 0.0 | 45.631 | 1.426 | 0.0 | 46.454 | 1.834 |
| 86 | 9764 | 9765 | NS | 1 | 0.0 | 49.173 | 6.395 | 0.0 | 51.829 | 7.465 | 0.0 | 48.076 | 5.547 | 0.0 | 48.7 | 7.213 | 0.0 | 48.82 | 6.263 | 0.0 | 49.873 | 7.089 | 0.0 | 47.872 | 5.149 | 0.0 | 48.97 | 6.13 |
| 87 | 9764 | 9765 | NS | 1 | 0.0 | 49.174 | 6.405 | 0.0 | 51.829 | 7.476 | 0.0 | 48.076 | 5.547 | 0.0 | 48.743 | 7.22 | 0.0 | 48.826 | 6.273 | 0.0 | 49.821 | 7.12 | 0.0 | 47.872 | 5.149 | 0.0 | 49.014 | 6.137 |
| 88 | 9764 | 9765 | NS | 1 | 0.0 | 48.8 | 1.766 | 0.0 | 44.292 | 2.136 | 0.0 | 44.568 | 1.527 | 0.0 | 47.105 | 2.205 | 0.0 | 50.341 | 1.802 | 0.0 | 45.945 | 2.037 | 0.0 | 45.657 | 1.415 | 0.0 | 46.561 | 1.825 |
| 89 | 9764 | 9765 | SN | 1 | 0.0 | 52.793 | 3.41 | 0.0 | 58.735 | 4.679 | 0.0 | 45.491 | 2.843 | 0.0 | 46.124 | 4.008 | 0.0 | 54.007 | 3.4 | 0.0 | 58.408 | 4.406 | 0.0 | 44.746 | 2.723 | 0.0 | 45.485 | 3.561 |
| 90 | 9764 | 9765 | SN | 1 | 0.0 | 41.919 | 0.741 | 0.0 | 44.031 | 1.301 | 0.0 | 41.288 | 0.83 | 0.0 | 45.496 | 1.392 | 0.0 | 43.049 | 0.77 | 0.0 | 44.04 | 1.173 | 0.0 | 40.191 | 0.801 | 0.0 | 44.613 | 1.261 |
| 91 | 9765 | 9766 | NS | 1 | 0.0 | 48.676 | 1.047 | 0.0 | 48.941 | 1.623 | 0.0 | 42.867 | 1.137 | 0.0 | 43.325 | 1.788 | 0.0 | 47.513 | 1.086 | 0.0 | 49.334 | 1.684 | 0.0 | 42.487 | 1.128 | 0.0 | 43.427 | 1.745 |
| 92 | 9765 | 9766 | NS | 1 | 0.0 | 47.934 | 4.253 | 0.0 | 49.807 | 5.838 | 0.0 | 41.695 | 4.203 | 0.0 | 48.416 | 5.41 | 0.0 | 48.886 | 4.416 | 0.0 | 49.208 | 5.899 | 0.0 | 42.916 | 4.132 | 0.0 | 48.645 | 5.752 |
| 93 | 9770 | 9771 | SN | 1 | 0.0 | 52.367 | 4.564 | 0.0 | 50.37 | 5.713 | 0.0 | 48.39 | 3.65 | 0.0 | 43.328 | 4.723 | 0.0 | 54.928 | 4.657 | 0.0 | 47.64 | 5.412 | 0.0 | 46.907 | 3.424 | 0.0 | 42.151 | 3.865 |
| 94 | 9770 | 9771 | SN | 1 | 0.0 | 50.711 | 1.1 | 0.0 | 50.692 | 1.472 | 0.0 | 47.442 | 0.841 | 0.0 | 45.777 | 1.266 | 0.0 | 50.713 | 1.104 | 0.0 | 50.359 | 1.355 | 0.0 | 46.304 | 0.757 | 0.0 | 40.337 | 0.979 |
| 95 | 9770 | 9771 | SN | 1 | 0.0 | 52.367 | 4.444 | 0.0 | 50.37 | 5.583 | 0.0 | 48.39 | 3.553 | 0.0 | 43.214 | 4.629 | 0.0 | 54.928 | 4.535 | 0.0 | 47.64 | 5.278 | 0.0 | 46.907 | 3.326 | 0.0 | 42.151 | 3.783 |
| 96 | 9770 | 9771 | SN | 1 | 0.0 | 50.711 | 1.125 | 0.0 | 49.835 | 1.504 | 0.0 | 47.442 | 0.851 | 0.0 | 45.892 | 1.288 | 0.0 | 50.713 | 1.139 | 0.0 | 50.498 | 1.382 | 0.0 | 46.304 | 0.764 | 0.0 | 40.45 | 0.994 |
| 97 | 9770 | 9771 | NS | 1 | 0.0 | 45.701 | 1.882 | 0.0 | 53.344 | 2.449 | 0.0 | 42.216 | 1.437 | 0.0 | 45.231 | 1.925 | 0.0 | 45.16 | 1.871 | 0.0 | 51.184 | 2.274 | 0.0 | 44.882 | 1.357 | 0.0 | 42.905 | 1.604 |
| 98 | 9770 | 9771 | NS | 1 | 0.0 | 53.656 | 8.358 | 0.0 | 55.471 | 9.282 | 0.0 | 48.003 | 5.491 | 0.0 | 46.839 | 6.754 | 0.0 | 55.043 | 8.419 | 0.0 | 55.119 | 9.038 | 0.0 | 47.99 | 5.392 | 0.0 | 45.416 | 6.027 |
| 99 | 9770 | 9771 | SN | 1 | 0.0 | 52.367 | 4.444 | 0.0 | 50.37 | 5.583 | 0.0 | 48.39 | 3.553 | 0.0 | 43.214 | 4.629 | 0.0 | 54.928 | 4.535 | 0.0 | 47.64 | 5.278 | 0.0 | 46.907 | 3.326 | 0.0 | 42.151 | 3.783 |
| 100 | 9772 | 9773 | SN | 1 | 0.0 | 46.869 | 3.048 | 0.0 | 45.457 | 3.918 | 0.0 | 42.931 | 3.518 | 0.0 | 48.248 | 4.913 | 0.0 | 47.432 | 3.088 | 0.0 | 43.673 | 3.654 | 0.0 | 43.309 | 3.497 | 0.0 | 47.066 | 4.209 |
| 101 | 9772 | 9773 | SN | 1 | 0.0 | 41.679 | 0.897 | 0.0 | 38.673 | 1.154 | 0.0 | 38.522 | 1.103 | 0.0 | 40.505 | 1.765 | 0.0 | 41.958 | 0.917 | 0.0 | 39.442 | 1.008 | 0.0 | 37.253 | 1.096 | 0.0 | 38.434 | 1.512 |
| 102 | 9772 | 9773 | NS | 1 | 0.0 | 43.598 | 2.163 | 0.0 | 44.643 | 3.104 | 0.0 | 41.831 | 2.902 | 0.0 | 43.748 | 4.015 | 0.0 | 43.578 | 2.153 | 0.0 | 45.126 | 2.768 | 0.0 | 40.982 | 2.888 | 0.0 | 40.068 | 3.402 |
| 103 | 9772 | 9773 | NS | 1 | 0.0 | 41.163 | 0.731 | 0.0 | 39.971 | 0.991 | 0.0 | 38.237 | 0.936 | 0.0 | 42.812 | 1.36 | 0.0 | 41.191 | 0.74 | 0.0 | 37.962 | 0.866 | 0.0 | 39.002 | 0.826 | 0.0 | 39.856 | 1.102 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104 | 9773 | 9774 | NS | 1 | 0.0 | 52.493 | 4.53 | 0.0 | 49.994 | 5.624 | 0.0 | 44.589 | 3.644 | 0.0 | 45.98 | 4.547 | 0.0 | 51.977 | 4.591 | 0.0 | 47.982 | 5.472 | 0.0 | 44.461 | 3.629 | 0.0 | 47.026 | 4.198 |
| 105 | 9773 | 9774 | NS | 1 | 0.0 | 44.835 | 1.104 | 0.0 | 47.826 | 1.502 | 0.0 | 38.528 | 0.988 | 0.0 | 44.291 | 1.288 | 0.0 | 45.555 | 1.075 | 0.0 | 46.695 | 1.403 | 0.0 | 37.725 | 0.949 | 0.0 | 39.659 | 1.185 |
| 106 | 9773 | 9774 | SN | 1 | 0.0 | 48.532 | 4.12 | 0.0 | 44.758 | 4.863 | 0.0 | 40.14 | 4.064 | 0.0 | 41.679 | 5.107 | 0.0 | 49.619 | 4.1 | 0.0 | 44.442 | 4.599 | 0.0 | 39.656 | 3.979 | 0.0 | 41.112 | 4.829 |
| 107 | 9773 | 9774 | SN | 1 | 0.0 | 40.9 | 1.109 | 0.0 | 49.646 | 1.405 | 0.0 | 39.858 | 1.281 | 0.0 | 36.054 | 1.828 | 0.0 | 41.678 | 1.1 | 0.0 | 47.2 | 1.31 | 0.0 | 39.227 | 1.247 | 0.0 | 39.592 | 1.592 |
| 108 | 9773 | 9774 | NS | 1 | 0.0 | 52.519 | 4.53 | 0.0 | 49.994 | 5.665 | 0.0 | 44.589 | 3.636 | 0.0 | 44.654 | 4.483 | 0.0 | 52.001 | 4.581 | 0.0 | 47.982 | 5.513 | 0.0 | 44.461 | 3.615 | 0.0 | 47.077 | 4.17 |
| 109 | 9774 | 9775 | NS | 1 | 0.0 | 49.396 | 5.688 | 0.0 | 51.888 | 7.537 | 0.0 | 42.59 | 5.543 | 0.0 | 43.381 | 6.871 | 0.0 | 50.417 | 5.932 | 0.0 | 50.985 | 7.384 | 0.0 | 42.553 | 5.579 | 0.0 | 45.493 | 7.028 |
| 110 | 9774 | 9775 | NS | 1 | 0.0 | 48.455 | 1.666 | 0.0 | 47.094 | 2.391 | 0.0 | 41.549 | 1.454 | 0.0 | 46.429 | 2.162 | 0.0 | 47.009 | 1.715 | 0.0 | 48.377 | 2.357 | 0.0 | 42.369 | 1.512 | 0.0 | 48.322 | 2.069 |
| 111 | 9774 | 9775 | SN | 1 | 0.0 | 53.276 | 9.232 | 0.0 | 44.187 | 10.509 | 0.0 | 46.787 | 7.326 | 0.0 | 45.438 | 8.449 | 0.0 | 54.535 | 9.566 | 0.0 | 44.545 | 10.58 | 0.0 | 46.519 | 7.738 | 0.0 | 48.011 | 8.62 |
| 112 | 9774 | 9775 | NS | 1 | 0.0 | 48.455 | 1.677 | 0.0 | 47.092 | 2.381 | 0.0 | 40.347 | 1.439 | 0.0 | 45.884 | 2.153 | 0.0 | 47.009 | 1.729 | 0.0 | 48.375 | 2.35 | 0.0 | 42.371 | 1.503 | 0.0 | 47.776 | 2.068 |
| 113 | 9774 | 9775 | SN | 1 | 0.0 | 45.842 | 2.156 | 0.0 | 43.229 | 2.936 | 0.0 | 43.506 | 2.263 | 0.0 | 42.064 | 2.956 | 0.0 | 45.561 | 2.201 | 0.0 | 44.503 | 2.853 | 0.0 | 43.434 | 2.325 | 0.0 | 41.696 | 2.871 |
| 114 | 9775 | 9776 | SN | 1 | 0.0 | 50.411 | 10.147 | 0.0 | 55.106 | 12.125 | 0.0 | 48.054 | 7.429 | 0.0 | 49.226 | 9.448 | 0.0 | 49.852 | 10.187 | 0.0 | 55.904 | 11.556 | 0.0 | 46.183 | 7.706 | 0.0 | 45.694 | 9.171 |
| 115 | 9775 | 9776 | SN | 1 | 0.0 | 55.625 | 2.595 | 0.0 | 48.76 | 3.411 | 0.0 | 42.645 | 2.227 | 0.0 | 47.541 | 2.903 | 0.0 | 54.441 | 2.642 | 0.0 | 50.161 | 3.321 | 0.0 | 44.715 | 2.338 | 0.0 | 45.15 | 2.871 |
| 116 | 9775 | 9776 | SN | 1 | 0.0 | 53.891 | 10.106 | 0.0 | 53.344 | 12.084 | 0.0 | 47.725 | 7.394 | 0.0 | 49.745 | 9.434 | 0.0 | 52.54 | 10.147 | 0.0 | 54.14 | 11.567 | 0.0 | 45.854 | 7.656 | 0.0 | 46.212 | 9.192 |
| 117 | 9775 | 9776 | NS | 1 | 0.0 | 50.398 | 7.405 | 0.0 | 52.222 | 8.478 | 0.0 | 48.186 | 6.716 | 0.0 | 49.83 | 7.229 | 0.0 | 50.954 | 7.496 | 0.0 | 53.496 | 8.233 | 0.0 | 47.771 | 6.787 | 0.0 | 49.229 | 6.987 |
| 118 | 9775 | 9776 | SN | 1 | 0.0 | 50.971 | 2.579 | 0.0 | 50.522 | 3.417 | 0.0 | 41.9 | 2.232 | 0.0 | 47.437 | 2.899 | 0.0 | 49.787 | 2.642 | 0.0 | 50.69 | 3.321 | 0.0 | 43.969 | 2.335 | 0.0 | 45.092 | 2.878 |
| 119 | 9775 | 9776 | NS | 1 | 0.0 | 51.715 | 1.874 | 0.0 | 48.287 | 2.394 | 0.0 | 45.135 | 1.845 | 0.0 | 42.728 | 2.191 | 0.0 | 51.579 | 1.942 | 0.0 | 47.063 | 2.346 | 0.0 | 44.354 | 1.855 | 0.0 | 43.456 | 2.102 |
| 120 | 9776 | 9777 | NS | 1 | 0.0 | 50.55 | 5.769 | 0.0 | 54.813 | 6.289 | 0.0 | 44.976 | 5.016 | 0.0 | 44.383 | 5.568 | 0.0 | 51.532 | 5.851 | 0.0 | 54.663 | 6.249 | 0.0 | 43.38 | 5.044 | 0.0 | 42.715 | 5.489 |
| 121 | 9776 | 9777 | SN | 1 | 0.0 | 55.095 | 7.494 | 0.0 | 54.148 | 9.598 | 0.0 | 45.657 | 5.626 | 0.0 | 46.347 | 7.387 | 0.0 | 56.018 | 7.606 | 0.0 | 56.01 | 9.263 | 0.0 | 46.537 | 5.619 | 0.0 | 46.309 | 7.23 |
| 122 | 9776 | 9777 | SN | 1 | 0.0 | 51.811 | 1.837 | 0.0 | 44.08 | 2.677 | 0.0 | 49.679 | 1.652 | 0.0 | 45.418 | 2.153 | 0.0 | 52.258 | 1.776 | 0.0 | 43.461 | 2.402 | 0.0 | 49.423 | 1.614 | 0.0 | 46.595 | 2.063 |
| 123 | 9776 | 9777 | SN | 1 | 0.0 | 55.095 | 7.505 | 0.0 | 54.148 | 9.588 | 0.0 | 45.657 | 5.64 | 0.0 | 46.347 | 7.415 | 0.0 | 56.018 | 7.606 | 0.0 | 56.01 | 9.263 | 0.0 | 46.537 | 5.619 | 0.0 | 46.309 | 7.237 |
| 124 | 9776 | 9777 | NS | 1 | 0.0 | 42.694 | 1.512 | 0.0 | 48.944 | 1.981 | 0.0 | 38.786 | 1.539 | 0.0 | 37.733 | 1.917 | 0.0 | 42.782 | 1.532 | 0.0 | 49.58 | 1.956 | 0.0 | 39.914 | 1.534 | 0.0 | 38.167 | 1.796 |
| 125 | 9776 | 9777 | SN | 1 | 0.0 | 55.095 | 7.176 | 0.0 | 54.148 | 8.937 | 0.0 | 45.657 | 5.806 | 0.0 | 46.347 | 7.103 | 0.0 | 56.018 | 7.285 | 0.0 | 56.01 | 8.597 | 0.0 | 46.537 | 5.76 | 0.0 | 46.309 | 6.896 |
| 126 | 9776 | 9777 | SN | 1 | 0.0 | 51.811 | 1.86 | 0.0 | 44.08 | 2.747 | 0.0 | 49.679 | 1.599 | 0.0 | 45.418 | 2.265 | 0.0 | 52.258 | 1.808 | 0.0 | 43.461 | 2.478 | 0.0 | 49.423 | 1.547 | 0.0 | 46.595 | 2.159 |
| 127 | 9776 | 9777 | NS | 1 | 0.0 | 42.694 | 1.516 | 0.0 | 48.944 | 1.974 | 0.0 | 38.966 | 1.541 | 0.0 | 39.414 | 1.924 | 0.0 | 42.782 | 1.55 | 0.0 | 49.582 | 1.961 | 0.0 | 40.094 | 1.532 | 0.0 | 38.746 | 1.8 |
| 128 | 9776 | 9777 | NS | 1 | 0.0 | 50.55 | 5.729 | 0.0 | 54.77 | 6.218 | 0.0 | 44.976 | 5.065 | 0.0 | 44.928 | 5.603 | 0.0 | 51.532 | 5.851 | 0.0 | 54.617 | 6.208 | 0.0 | 43.382 | 5.044 | 0.0 | 43.26 | 5.504 |
| 129 | 9776 | 9777 | SN | 1 | 0.0 | 51.811 | 1.862 | 0.0 | 44.08 | 2.749 | 0.0 | 49.679 | 1.606 | 0.0 | 45.418 | 2.26 | 0.0 | 52.258 | 1.817 | 0.0 | 43.461 | 2.478 | 0.0 | 49.423 | 1.558 | 0.0 | 46.595 | 2.162 |
| 130 | 9777 | 9778 | SN | 1 | 0.0 | 45.135 | 0.865 | 0.0 | 53.871 | 1.238 | 0.0 | 42.348 | 0.796 | 0.0 | 40.129 | 1.156 | 0.0 | 46.142 | 0.838 | 0.0 | 52.038 | 1.191 | 0.0 | 40.442 | 0.747 | 0.0 | 36.968 | 1.069 |
| 131 | 9777 | 9778 | SN | 1 | 0.0 | 49.903 | 0.647 | 0.0 | 53.201 | 0.803 | 0.0 | 42.287 | 0.627 | 0.0 | 36.488 | 0.82 | 0.0 | 51.181 | 0.614 | 0.0 | 51.368 | 0.707 | 0.0 | 40.38 | 0.564 | 0.0 | 35.701 | 0.635 |
| 132 | 9777 | 9778 | NS | 1 | 0.0 | 50.499 | 1.317 | 0.0 | 54.668 | 1.984 | 0.0 | 35.657 | 1.64 | 0.0 | 44.272 | 2.108 | 0.0 | 49.985 | 1.353 | 0.0 | 55.512 | 1.975 | 0.0 | 35.442 | 1.702 | 0.0 | 42.466 | 2.067 |
| 133 | 9777 | 9778 | SN | 1 | 0.0 | 48.43 | 2.445 | 0.0 | 50.389 | 3.039 | 0.0 | 45.305 | 2.275 | 0.0 | 44.863 | 3.074 | 0.0 | 47.462 | 2.467 | 0.0 | 49.511 | 2.756 | 0.0 | 42.819 | 2.006 | 0.0 | 45.197 | 2.376 |
| 134 | 9777 | 9778 | SN | 1 | 0.0 | 48.548 | 3.574 | 0.0 | 50.23 | 4.771 | 0.0 | 50.247 | 3.057 | 0.0 | 44.943 | 4.359 | 0.0 | 47.581 | 3.676 | 0.0 | 49.521 | 4.689 | 0.0 | 47.592 | 2.879 | 0.0 | 45.183 | 3.975 |
| 135 | 9777 | 9778 | NS | 1 | 0.0 | 50.482 | 1.301 | 0.0 | 45.958 | 1.97 | 0.0 | 40.746 | 1.674 | 0.0 | 48.068 | 2.063 | 0.0 | 51.072 | 1.312 | 0.0 | 45.045 | 1.92 | 0.0 | 40.685 | 1.684 | 0.0 | 45.781 | 1.99 |
| 136 | 9777 | 9778 | NS | 1 | 0.0 | 53.498 | 4.6 | 0.0 | 49.844 | 5.761 | 0.0 | 40.366 | 5.612 | 0.0 | 43.025 | 6.348 | 0.0 | 52.143 | 4.773 | 0.0 | 51.054 | 5.679 | 0.0 | 38.66 | 5.797 | 0.0 | 43.361 | 6.348 |
| 137 | 9777 | 9778 | NS | 1 | 0.0 | 52.736 | 4.652 | 0.0 | 47.024 | 5.791 | 0.0 | 44.648 | 5.635 | 0.0 | 40.932 | 6.744 | 0.0 | 52.91 | 4.804 | 0.0 | 47.943 | 5.923 | 0.0 | 41.913 | 5.763 | 0.0 | 41.445 | 6.559 |
| 138 | 9777 | 9778 | SN | 1 | 0.0 | 48.43 | 3.584 | 0.0 | 50.596 | 4.801 | 0.0 | 46.518 | 3.043 | 0.0 | 44.863 | 4.323 | 0.0 | 47.462 | 3.665 | 0.0 | 51.182 | 4.669 | 0.0 | 44.382 | 2.858 | 0.0 | 45.197 | 3.939 |
| 139 | 9777 | 9778 | SN | 1 | 0.0 | 49.903 | 0.877 | 0.0 | 53.201 | 1.238 | 0.0 | 42.287 | 0.788 | 0.0 | 40.129 | 1.156 | 0.0 | 51.181 | 0.856 | 0.0 | 51.368 | 1.191 | 0.0 | 40.38 | 0.745 | 0.0 | 36.732 | 1.064 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 9778 | 9779 | SN | 1 | 0.0 | 39.085 | 0.694 | 0.0 | 44.54 | 1.213 | 0.0 | 40.654 | 0.798 | 0.0 | 40.616 | 1.163 | 0.0 | 37.364 | 0.699 | 0.0 | 45.862 | 1.13 | 0.0 | 44.032 | 0.768 | 0.0 | 40.023 | 0.997 |
| 141 | 9778 | 9779 | NS | 1 | 0.0 | 42.793 | 1.538 | 0.0 | 55.842 | 2.036 | 0.0 | 43.314 | 1.522 | 0.0 | 48.616 | 2.062 | 0.0 | 42.79 | 1.568 | 0.0 | 57.52 | 1.884 | 0.0 | 41.494 | 1.469 | 0.0 | 49.093 | 1.88 |
| 142 | 9778 | 9779 | SN | 1 | 0.0 | 48.981 | 2.936 | 0.0 | 45.94 | 4.486 | 0.0 | 46.492 | 2.674 | 0.0 | 45.878 | 3.747 | 0.0 | 49.334 | 3.068 | 0.0 | 45.537 | 4.517 | 0.0 | 45.309 | 2.66 | 0.0 | 46.383 | 3.399 |
| 143 | 9778 | 9779 | NS | 1 | 0.0 | 50.721 | 6.449 | 0.0 | 54.405 | 7.471 | 0.0 | 46.579 | 5.313 | 0.0 | 50.497 | 6.726 | 0.0 | 49.851 | 6.479 | 0.0 | 55.091 | 7.155 | 0.0 | 47.48 | 5.313 | 0.0 | 49.236 | 6.191 |
| 144 | 9779 | 9780 | NS | 1 | 0.0 | 43.2 | 1.255 | 0.0 | 46.603 | 1.743 | 0.0 | 40.191 | 1.161 | 0.0 | 39.866 | 1.528 | 0.0 | 43.076 | 1.237 | 0.0 | 47.415 | 1.654 | 0.0 | 41.749 | 1.103 | 0.0 | 40.85 | 1.312 |
| 145 | 9779 | 9780 | NS | 1 | 0.0 | 45.872 | 5.37 | 0.0 | 46.843 | 6.765 | 0.0 | 42.315 | 3.933 | 0.0 | 38.87 | 5.125 | 0.0 | 45.731 | 5.38 | 0.0 | 46.93 | 6.541 | 0.0 | 42.024 | 3.876 | 0.0 | 41.939 | 4.84 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | Azimuth Angle | | | | | | | | | | | | Incidence Angle | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 9755 | 9756 | SN | 1 | 0.0 | 27.41 | 13.235 | 0.0 | 237.302 | 12.875 | 0.0 | 152.992 | 12.213 | 0.0 | 38.804 | 14.659 | 0.0 | 1.433 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.168 | 0.0 |
| 2 | 9755 | 9756 | SN | 1 | 0.0 | 21.448 | 7.242 | 0.0 | 269.711 | 8.527 | 0.0 | 158.005 | 3.972 | 0.0 | 14.207 | 4.655 | 0.0 | 1.436 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.885 | 0.0 | 0.0 | 2.167 | 0.0 |
| 3 | 9755 | 9756 | SN | 1 | 0.0 | 21.448 | 7.059 | 0.0 | 269.711 | 8.492 | 0.0 | 158.005 | 3.805 | 0.0 | 135.854 | 4.684 | 0.0 | 1.436 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.885 | 0.0 | 0.0 | 2.167 | 0.0 |
| 4 | 9755 | 9756 | SN | 1 | 0.0 | 27.41 | 13.235 | 0.0 | 237.302 | 12.875 | 0.0 | 152.992 | 12.213 | 0.0 | 38.804 | 14.659 | 0.0 | 1.433 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.168 | 0.0 |
| 5 | 9755 | 9756 | SN | 1 | 0.0 | 21.448 | 7.059 | 0.0 | 269.711 | 8.492 | 0.0 | 158.005 | 3.805 | 0.0 | 135.854 | 4.684 | 0.0 | 1.436 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.885 | 0.0 | 0.0 | 2.167 | 0.0 |
| 6 | 9755 | 9756 | SN | 1 | 0.0 | 27.41 | 13.311 | 0.0 | 237.302 | 12.557 | 0.0 | 152.992 | 12.586 | 0.0 | 15.596 | 14.056 | 0.0 | 1.433 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.168 | 0.0 |
| 7 | 9756 | 9757 | SN | 1 | 0.0 | 21.453 | 7.057 | 0.0 | 23.56 | 8.51 | 0.0 | 151.287 | 3.827 | 0.0 | 161.625 | 4.739 | 0.0 | 1.425 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.889 | 0.0 | 0.0 | 2.167 | 0.0 |
| 8 | 9756 | 9757 | NS | 1 | 0.0 | 17.935 | 4.93 | 0.0 | 25.832 | 6.459 | 0.0 | 118.785 | 1.082 | 0.0 | 23.334 | 1.757 | 0.0 | 1.373 | 0.0 | 0.0 | 1.743 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.097 | 0.0 |
| 9 | 9756 | 9757 | SN | 1 | 0.0 | 21.453 | 7.117 | 0.0 | 23.56 | 8.515 | 0.0 | 151.287 | 3.872 | 0.0 | 161.625 | 4.677 | 0.0 | 1.425 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.889 | 0.0 | 0.0 | 2.167 | 0.0 |
| 10 | 9756 | 9757 | NS | 1 | 0.0 | 22.027 | 11.303 | 0.0 | 31.805 | 13.23 | 0.0 | 111.781 | 7.896 | 0.0 | 34.507 | 10.163 | 0.0 | 1.386 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.098 | 0.0 |
| 11 | 9756 | 9757 | NS | 1 | 0.0 | 22.027 | 11.303 | 0.0 | 31.805 | 13.23 | 0.0 | 111.781 | 7.882 | 0.0 | 34.507 | 10.163 | 0.0 | 1.386 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.098 | 0.0 |
| 12 | 9756 | 9757 | NS | 1 | 0.0 | 17.935 | 4.93 | 0.0 | 25.832 | 6.459 | 0.0 | 118.785 | 1.08 | 0.0 | 23.334 | 1.757 | 0.0 | 1.373 | 0.0 | 0.0 | 1.743 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.097 | 0.0 |
| 13 | 9756 | 9757 | SN | 1 | 0.0 | 30.647 | 13.146 | 0.0 | 25.198 | 12.84 | 0.0 | 151.293 | 12.276 | 0.0 | 39.074 | 14.747 | 0.0 | 1.441 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.167 | 0.0 |
| 14 | 9756 | 9757 | SN | 1 | 0.0 | 21.453 | 7.057 | 0.0 | 23.56 | 8.51 | 0.0 | 151.287 | 3.827 | 0.0 | 161.625 | 4.739 | 0.0 | 1.425 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.889 | 0.0 | 0.0 | 2.167 | 0.0 |
| 15 | 9756 | 9757 | SN | 1 | 0.0 | 30.647 | 13.166 | 0.0 | 25.198 | 12.709 | 0.0 | 151.293 | 12.385 | 0.0 | 28.515 | 14.471 | 0.0 | 1.441 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.167 | 0.0 |
| 16 | 9756 | 9757 | SN | 1 | 0.0 | 30.647 | 13.146 | 0.0 | 25.198 | 12.84 | 0.0 | 151.293 | 12.276 | 0.0 | 39.074 | 14.747 | 0.0 | 1.441 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.167 | 0.0 |
| 17 | 9757 | 9758 | SN | 1 | 0.0 | 21.442 | 7.084 | 0.0 | 23.538 | 8.531 | 0.0 | 145.326 | 3.874 | 0.0 | 14.212 | 4.698 | 0.0 | 1.427 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 1.889 | 0.0 | 0.0 | 2.167 | 0.0 |
| 18 | 9757 | 9758 | SN | 1 | 0.0 | 30.586 | 13.167 | 0.0 | 25.209 | 12.87 | 0.0 | 150.074 | 12.339 | 0.0 | 128.249 | 14.797 | 0.0 | 1.43 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.169 | 0.0 |
| 19 | 9757 | 9758 | NS | 1 | 0.0 | 266.165 | 11.425 | 0.0 | 31.822 | 13.21 | 0.0 | 272.816 | 7.746 | 0.0 | 35.103 | 10.141 | 0.0 | 1.385 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.095 | 0.0 |
| 20 | 9757 | 9758 | NS | 1 | 0.0 | 266.17 | 11.482 | 0.0 | 30.923 | 13.247 | 0.0 | 272.816 | 7.681 | 0.0 | 33.239 | 10.157 | 0.0 | 1.386 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 2.095 | 0.0 |
| 21 | 9757 | 9758 | SN | 1 | 0.0 | 21.442 | 7.086 | 0.0 | 23.538 | 8.534 | 0.0 | 145.293 | 3.878 | 0.0 | 14.212 | 4.705 | 0.0 | 1.427 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 1.889 | 0.0 | 0.0 | 2.167 | 0.0 |
| 22 | 9757 | 9758 | NS | 1 | 0.0 | 266.17 | 4.973 | 0.0 | 25.832 | 6.491 | 0.0 | 271.586 | 0.977 | 0.0 | 23.119 | 1.731 | 0.0 | 1.372 | 0.0 | 0.0 | 1.743 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.095 | 0.0 |
| 23 | 9757 | 9758 | NS | 1 | 0.0 | 266.181 | 4.973 | 0.0 | 25.832 | 6.473 | 0.0 | 271.581 | 0.993 | 0.0 | 23.692 | 1.738 | 0.0 | 1.372 | 0.0 | 0.0 | 1.743 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.097 | 0.0 |
| 24 | 9757 | 9758 | SN | 1 | 0.0 | 30.592 | 13.181 | 0.0 | 25.209 | 12.769 | 0.0 | 150.102 | 12.447 | 0.0 | 128.254 | 14.556 | 0.0 | 1.431 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.169 | 0.0 |
| 25 | 9757 | 9758 | SN | 1 | 0.0 | 30.586 | 13.191 | 0.0 | 25.209 | 12.769 | 0.0 | 150.074 | 12.432 | 0.0 | 128.249 | 14.556 | 0.0 | 1.43 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.169 | 0.0 |
| 26 | 9757 | 9758 | SN | 1 | 0.0 | 21.442 | 7.039 | 0.0 | 23.538 | 8.53 | 0.0 | 145.293 | 3.841 | 0.0 | 115.09 | 4.763 | 0.0 | 1.427 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 1.889 | 0.0 | 0.0 | 2.167 | 0.0 |
| 27 | 9758 | 9759 | SN | 1 | 0.0 | 30.625 | 13.121 | 0.0 | 265.875 | 12.86 | 0.0 | 159.306 | 12.383 | 0.0 | 153.221 | 14.79 | 0.0 | 1.429 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.167 | 0.0 |
| 28 | 9758 | 9759 | NS | 1 | 0.0 | 190.099 | 4.996 | 0.0 | 25.805 | 6.468 | 0.0 | 352.108 | 0.933 | 0.0 | 23.985 | 1.747 | 0.0 | 1.371 | 0.0 | 0.0 | 1.742 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.096 | 0.0 |
| 29 | 9758 | 9759 | NS | 1 | 0.0 | 190.099 | 4.996 | 0.0 | 25.805 | 6.468 | 0.0 | 352.108 | 0.933 | 0.0 | 23.985 | 1.745 | 0.0 | 1.371 | 0.0 | 0.0 | 1.742 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.096 | 0.0 |
| 30 | 9758 | 9759 | SN | 1 | 0.0 | 30.625 | 13.132 | 0.0 | 265.875 | 12.881 | 0.0 | 159.306 | 12.39 | 0.0 | 153.221 | 14.797 | 0.0 | 1.429 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.167 | 0.0 |
| 31 | 9758 | 9759 | NS | 1 | 0.0 | 266.683 | 11.416 | 0.0 | 31.811 | 13.2 | 0.0 | 214.156 | 7.661 | 0.0 | 36.62 | 10.106 | 0.0 | 1.382 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.096 | 0.0 |

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

Normal
Alarming
Deviations
High Errors

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 9758 | 9759 | SN | 1 | 0.0 | 21.448 | 7.068 | 0.0 | 23.544 | 8.514 | 0.0 | 174.224 | 3.866 | 0.0 | 127.052 | 4.799 | 0.0 | 1.414 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.889 | 0.0 | 0.0 | 2.168 | 0.0 |
| 33 | 9758 | 9759 | NS | 1 | 0.0 | 266.683 | 11.416 | 0.0 | 31.811 | 13.2 | 0.0 | 214.156 | 7.661 | 0.0 | 36.62 | 10.098 | 0.0 | 1.382 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.096 | 0.0 |
| 34 | 9758 | 9759 | SN | 1 | 0.0 | 30.625 | 13.152 | 0.0 | 265.875 | 12.711 | 0.0 | 159.306 | 12.524 | 0.0 | 153.221 | 14.48 | 0.0 | 1.429 | 0.0 | 0.0 | 1.811 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.167 | 0.0 |
| 35 | 9758 | 9759 | SN | 1 | 0.0 | 21.448 | 7.138 | 0.0 | 23.544 | 8.52 | 0.0 | 174.224 | 3.911 | 0.0 | 67.429 | 4.736 | 0.0 | 1.414 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.889 | 0.0 | 0.0 | 2.168 | 0.0 |
| 36 | 9758 | 9759 | SN | 1 | 0.0 | 21.448 | 7.066 | 0.0 | 23.544 | 8.51 | 0.0 | 174.224 | 3.859 | 0.0 | 127.057 | 4.799 | 0.0 | 1.414 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.889 | 0.0 | 0.0 | 2.168 | 0.0 |
| 37 | 9759 | 9760 | SN | 1 | 0.0 | 21.453 | 7.05 | 0.0 | 162.205 | 8.532 | 0.0 | 161.777 | 3.864 | 0.0 | 122.673 | 4.797 | 0.0 | 1.423 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.888 | 0.0 | 0.0 | 2.167 | 0.0 |
| 38 | 9759 | 9760 | NS | 1 | 0.0 | 169.319 | 11.417 | 0.0 | 30.906 | 13.293 | 0.0 | 354.81 | 7.565 | 0.0 | 34.221 | 10.149 | 0.0 | 1.386 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.1 | 0.0 |
| 39 | 9759 | 9760 | NS | 1 | 0.0 | 169.319 | 11.417 | 0.0 | 30.906 | 13.293 | 0.0 | 354.81 | 7.558 | 0.0 | 34.221 | 10.163 | 0.0 | 1.386 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.099 | 0.0 |
| 40 | 9759 | 9760 | SN | 1 | 0.0 | 27.718 | 13.092 | 0.0 | 125.706 | 12.619 | 0.0 | 162.025 | 12.586 | 0.0 | 15.916 | 14.315 | 0.0 | 1.44 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.89 | 0.0 | 0.0 | 2.166 | 0.0 |
| 41 | 9759 | 9760 | SN | 1 | 0.0 | 27.718 | 13.057 | 0.0 | 125.706 | 12.876 | 0.0 | 162.025 | 12.36 | 0.0 | 59.954 | 14.758 | 0.0 | 1.44 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.89 | 0.0 | 0.0 | 2.166 | 0.0 |
| 42 | 9759 | 9760 | SN | 1 | 0.0 | 27.718 | 13.057 | 0.0 | 125.706 | 12.876 | 0.0 | 162.025 | 12.36 | 0.0 | 59.954 | 14.758 | 0.0 | 1.44 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.89 | 0.0 | 0.0 | 2.166 | 0.0 |
| 43 | 9759 | 9760 | NS | 1 | 0.0 | 254.564 | 5.013 | 0.0 | 25.816 | 6.485 | 0.0 | 143.062 | 0.96 | 0.0 | 23.472 | 1.753 | 0.0 | 1.374 | 0.0 | 0.0 | 1.743 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 2.1 | 0.0 |
| 44 | 9759 | 9760 | NS | 1 | 0.0 | 254.564 | 5.013 | 0.0 | 25.816 | 6.483 | 0.0 | 143.067 | 0.961 | 0.0 | 23.477 | 1.749 | 0.0 | 1.374 | 0.0 | 0.0 | 1.743 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 2.1 | 0.0 |
| 45 | 9759 | 9760 | SN | 1 | 0.0 | 21.453 | 7.161 | 0.0 | 162.205 | 8.555 | 0.0 | 161.777 | 3.96 | 0.0 | 14.207 | 4.761 | 0.0 | 1.423 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.888 | 0.0 | 0.0 | 2.167 | 0.0 |
| 46 | 9759 | 9760 | SN | 1 | 0.0 | 21.453 | 7.05 | 0.0 | 162.205 | 8.532 | 0.0 | 161.777 | 3.864 | 0.0 | 122.673 | 4.797 | 0.0 | 1.423 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.888 | 0.0 | 0.0 | 2.167 | 0.0 |
| 47 | 9760 | 9761 | SN | 1 | 0.0 | 27.619 | 13.092 | 0.0 | 52.815 | 12.869 | 0.0 | 177.368 | 12.397 | 0.0 | 25.783 | 14.67 | 0.0 | 1.436 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.166 | 0.0 |
| 48 | 9760 | 9761 | SN | 1 | 0.0 | 21.459 | 7.021 | 0.0 | 122.579 | 8.521 | 0.0 | 177.213 | 3.862 | 0.0 | 129.181 | 4.809 | 0.0 | 1.425 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 1.888 | 0.0 | 0.0 | 2.167 | 0.0 |
| 49 | 9760 | 9761 | SN | 1 | 0.0 | 21.459 | 7.021 | 0.0 | 122.579 | 8.521 | 0.0 | 177.213 | 3.864 | 0.0 | 129.181 | 4.809 | 0.0 | 1.425 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 1.888 | 0.0 | 0.0 | 2.167 | 0.0 |
| 50 | 9760 | 9761 | NS | 1 | 0.0 | 22.021 | 11.417 | 0.0 | 30.878 | 13.263 | 0.0 | 335.872 | 7.792 | 0.0 | 34.844 | 10.163 | 0.0 | 1.384 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 2.094 | 0.0 |
| 51 | 9760 | 9761 | SN | 1 | 0.0 | 21.459 | 7.042 | 0.0 | 122.579 | 8.521 | 0.0 | 177.213 | 3.879 | 0.0 | 48.176 | 4.78 | 0.0 | 1.425 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 1.888 | 0.0 | 0.0 | 2.167 | 0.0 |
| 52 | 9760 | 9761 | NS | 1 | 0.0 | 22.021 | 11.417 | 0.0 | 30.884 | 13.263 | 0.0 | 335.872 | 7.785 | 0.0 | 34.844 | 10.17 | 0.0 | 1.384 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 2.094 | 0.0 |
| 53 | 9760 | 9761 | NS | 1 | 0.0 | 19.791 | 4.961 | 0.0 | 25.81 | 6.496 | 0.0 | 310.266 | 1.093 | 0.0 | 23.715 | 1.73 | 0.0 | 1.371 | 0.0 | 0.0 | 1.742 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.095 | 0.0 |
| 54 | 9760 | 9761 | NS | 1 | 0.0 | 19.791 | 4.967 | 0.0 | 25.81 | 6.496 | 0.0 | 310.271 | 1.1 | 0.0 | 23.709 | 1.735 | 0.0 | 1.371 | 0.0 | 0.0 | 1.742 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.095 | 0.0 |
| 55 | 9760 | 9761 | SN | 1 | 0.0 | 27.619 | 13.087 | 0.0 | 52.815 | 12.915 | 0.0 | 177.368 | 12.353 | 0.0 | 55.668 | 14.765 | 0.0 | 1.436 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.166 | 0.0 |
| 56 | 9760 | 9761 | SN | 1 | 0.0 | 27.619 | 13.087 | 0.0 | 52.815 | 12.915 | 0.0 | 177.368 | 12.353 | 0.0 | 55.668 | 14.765 | 0.0 | 1.436 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.166 | 0.0 |
| 57 | 9761 | 9762 | SN | 1 | 0.0 | 21.464 | 7.036 | 0.0 | 23.56 | 8.504 | 0.0 | 159.532 | 3.903 | 0.0 | 204.968 | 4.788 | 0.0 | 1.424 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.167 | 0.0 |
| 58 | 9761 | 9762 | SN | 1 | 0.0 | 21.464 | 7.274 | 0.0 | 23.56 | 8.581 | 0.0 | 159.532 | 4.137 | 0.0 | 204.968 | 4.76 | 0.0 | 1.424 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.167 | 0.0 |
| 59 | 9761 | 9762 | NS | 1 | 0.0 | 22.021 | 11.366 | 0.0 | 31.441 | 13.291 | 0.0 | 352.362 | 7.984 | 0.0 | 34.767 | 10.195 | 0.0 | 1.385 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 2.096 | 0.0 |
| 60 | 9761 | 9762 | NS | 1 | 0.0 | 22.054 | 11.366 | 0.0 | 31.436 | 13.291 | 0.0 | 352.362 | 7.956 | 0.0 | 34.767 | 10.202 | 0.0 | 1.385 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 2.096 | 0.0 |
| 61 | 9761 | 9762 | NS | 1 | 0.0 | 17.94 | 4.968 | 0.0 | 25.832 | 6.5 | 0.0 | 353.856 | 1.217 | 0.0 | 35.307 | 1.764 | 0.0 | 1.371 | 0.0 | 0.0 | 1.743 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.096 | 0.0 |
| 62 | 9761 | 9762 | SN | 1 | 0.0 | 31.689 | 13.171 | 0.0 | 25.198 | 12.825 | 0.0 | 163.31 | 12.285 | 0.0 | 171.188 | 14.652 | 0.0 | 1.449 | 0.0 | 0.0 | 1.813 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.168 | 0.0 |
| 63 | 9761 | 9762 | SN | 1 | 0.0 | 21.464 | 7.036 | 0.0 | 23.56 | 8.504 | 0.0 | 159.532 | 3.903 | 0.0 | 204.968 | 4.788 | 0.0 | 1.424 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.167 | 0.0 |
| 64 | 9761 | 9762 | SN | 1 | 0.0 | 31.689 | 13.248 | 0.0 | 25.198 | 12.457 | 0.0 | 163.31 | 12.74 | 0.0 | 171.188 | 14.013 | 0.0 | 1.449 | 0.0 | 0.0 | 1.813 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.168 | 0.0 |
| 65 | 9761 | 9762 | SN | 1 | 0.0 | 31.689 | 13.171 | 0.0 | 25.198 | 12.825 | 0.0 | 163.31 | 12.285 | 0.0 | 171.188 | 14.652 | 0.0 | 1.449 | 0.0 | 0.0 | 1.813 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.168 | 0.0 |
| 66 | 9761 | 9762 | NS | 1 | 0.0 | 17.94 | 4.965 | 0.0 | 25.832 | 6.5 | 0.0 | 353.856 | 1.219 | 0.0 | 35.307 | 1.758 | 0.0 | 1.372 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.096 | 0.0 |
| 67 | 9762 | 9763 | SN | 1 | 0.0 | 31.634 | 13.344 | 0.0 | 235.681 | 12.392 | 0.0 | 154.133 | 12.93 | 0.0 | 15.596 | 13.884 | 0.0 | 1.432 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.163 | 0.0 |
| 68 | 9762 | 9763 | NS | 1 | 0.0 | 211.42 | 11.336 | 0.0 | 31.485 | 13.312 | 0.0 | 250.604 | 8.076 | 0.0 | 59.192 | 10.202 | 0.0 | 1.385 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 2.098 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | 9762 | 9763 | NS | 1 | 0.0 | 211.42 | 11.336 | 0.0 | 31.485 | 13.312 | 0.0 | 250.604 | 8.076 | 0.0 | 59.192 | 10.202 | 0.0 | 1.385 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 2.098 | 0.0 |
| 70 | 9762 | 9763 | SN | 1 | 0.0 | 31.634 | 13.205 | 0.0 | 235.681 | 12.865 | 0.0 | 154.133 | 12.185 | 0.0 | 152.967 | 14.617 | 0.0 | 1.432 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.163 | 0.0 |
| 71 | 9762 | 9763 | SN | 1 | 0.0 | 31.634 | 13.205 | 0.0 | 235.681 | 12.865 | 0.0 | 154.133 | 12.185 | 0.0 | 152.967 | 14.603 | 0.0 | 1.432 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.163 | 0.0 |
| 72 | 9762 | 9763 | SN | 1 | 0.0 | 21.481 | 7.39 | 0.0 | 143.873 | 8.601 | 0.0 | 154.784 | 4.174 | 0.0 | 15.492 | 4.779 | 0.0 | 1.424 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.166 | 0.0 |
| 73 | 9762 | 9763 | NS | 1 | 0.0 | 25.595 | 4.884 | 0.0 | 25.832 | 6.485 | 0.0 | 249.364 | 1.308 | 0.0 | 41.396 | 1.764 | 0.0 | 1.372 | 0.0 | 0.0 | 1.743 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.097 | 0.0 |
| 74 | 9762 | 9763 | NS | 1 | 0.0 | 25.595 | 4.884 | 0.0 | 25.832 | 6.485 | 0.0 | 249.364 | 1.308 | 0.0 | 41.396 | 1.764 | 0.0 | 1.372 | 0.0 | 0.0 | 1.743 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.097 | 0.0 |
| 75 | 9762 | 9763 | SN | 1 | 0.0 | 21.481 | 7.048 | 0.0 | 143.873 | 8.481 | 0.0 | 154.784 | 3.846 | 0.0 | 100.05 | 4.744 | 0.0 | 1.424 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.166 | 0.0 |
| 76 | 9762 | 9763 | SN | 1 | 0.0 | 21.481 | 7.048 | 0.0 | 143.873 | 8.481 | 0.0 | 154.784 | 3.846 | 0.0 | 100.023 | 4.745 | 0.0 | 1.424 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.166 | 0.0 |
| 77 | 9763 | 9764 | NS | 1 | 0.0 | 42.226 | 11.283 | 0.0 | 31.783 | 13.23 | 0.0 | 242.213 | 8.18 | 0.0 | 34.601 | 10.163 | 0.0 | 1.387 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.098 | 0.0 |
| 78 | 9763 | 9764 | SN | 1 | 0.0 | 30.564 | 13.243 | 0.0 | 25.176 | 12.911 | 0.0 | 149.627 | 12.226 | 0.0 | 43.263 | 14.697 | 0.0 | 1.44 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.167 | 0.0 |
| 79 | 9763 | 9764 | SN | 1 | 0.0 | 30.564 | 13.243 | 0.0 | 25.176 | 12.911 | 0.0 | 149.627 | 12.226 | 0.0 | 43.263 | 14.697 | 0.0 | 1.44 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.167 | 0.0 |
| 80 | 9763 | 9764 | NS | 1 | 0.0 | 25.617 | 4.853 | 0.0 | 25.816 | 6.496 | 0.0 | 242.208 | 1.293 | 0.0 | 23.351 | 1.761 | 0.0 | 1.372 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 2.096 | 0.0 |
| 81 | 9763 | 9764 | NS | 1 | 0.0 | 25.617 | 4.857 | 0.0 | 25.816 | 6.503 | 0.0 | 242.208 | 1.297 | 0.0 | 23.351 | 1.759 | 0.0 | 1.372 | 0.0 | 0.0 | 1.743 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 2.096 | 0.0 |
| 82 | 9763 | 9764 | SN | 1 | 0.0 | 21.486 | 7.041 | 0.0 | 23.538 | 8.46 | 0.0 | 148.817 | 3.82 | 0.0 | 122.099 | 4.716 | 0.0 | 1.434 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.166 | 0.0 |
| 83 | 9763 | 9764 | NS | 1 | 0.0 | 22.043 | 11.272 | 0.0 | 31.788 | 13.22 | 0.0 | 242.213 | 8.187 | 0.0 | 34.607 | 10.149 | 0.0 | 1.387 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.098 | 0.0 |
| 84 | 9763 | 9764 | SN | 1 | 0.0 | 21.486 | 7.041 | 0.0 | 23.538 | 8.46 | 0.0 | 148.817 | 3.82 | 0.0 | 122.099 | 4.716 | 0.0 | 1.434 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.166 | 0.0 |
| 85 | 9764 | 9765 | NS | 1 | 0.0 | 25.623 | 4.862 | 0.0 | 25.843 | 6.513 | 0.0 | 115.785 | 1.344 | 0.0 | 44.638 | 1.788 | 0.0 | 1.371 | 0.0 | 0.0 | 1.743 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.096 | 0.0 |
| 86 | 9764 | 9765 | NS | 1 | 0.0 | 22.038 | 11.308 | 0.0 | 30.89 | 13.293 | 0.0 | 242.249 | 8.15 | 0.0 | 33.233 | 10.128 | 0.0 | 1.385 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 2.091 | 0.0 |
| 87 | 9764 | 9765 | NS | 1 | 0.0 | 22.038 | 11.308 | 0.0 | 30.89 | 13.303 | 0.0 | 242.249 | 8.143 | 0.0 | 33.233 | 10.128 | 0.0 | 1.385 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.092 | 0.0 |
| 88 | 9764 | 9765 | NS | 1 | 0.0 | 25.623 | 4.862 | 0.0 | 25.843 | 6.513 | 0.0 | 115.752 | 1.341 | 0.0 | 44.644 | 1.781 | 0.0 | 1.371 | 0.0 | 0.0 | 1.743 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.097 | 0.0 |
| 89 | 9764 | 9765 | SN | 1 | 0.0 | 30.013 | 13.134 | 0.0 | 25.176 | 12.852 | 0.0 | 150.543 | 12.28 | 0.0 | 129.732 | 14.664 | 0.0 | 1.441 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.89 | 0.0 | 0.0 | 2.165 | 0.0 |
| 90 | 9764 | 9765 | SN | 1 | 0.0 | 21.497 | 7.025 | 0.0 | 23.521 | 8.453 | 0.0 | 161.816 | 3.821 | 0.0 | 75.139 | 4.719 | 0.0 | 1.429 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.166 | 0.0 |
| 91 | 9765 | 9766 | NS | 1 | 0.0 | 160.026 | 4.835 | 0.0 | 25.838 | 6.52 | 0.0 | 250.296 | 1.348 | 0.0 | 46.403 | 1.791 | 0.0 | 1.371 | 0.0 | 0.0 | 1.743 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.097 | 0.0 |
| 92 | 9765 | 9766 | NS | 1 | 0.0 | 210.284 | 11.329 | 0.0 | 31.684 | 13.314 | 0.0 | 264.657 | 8.164 | 0.0 | 38.175 | 10.121 | 0.0 | 1.387 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 2.095 | 0.0 |
| 93 | 9770 | 9771 | SN | 1 | 0.0 | 31.557 | 13.339 | 0.0 | 25.165 | 12.673 | 0.0 | 148.293 | 12.41 | 0.0 | 17.179 | 14.199 | 0.0 | 1.444 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.165 | 0.0 |
| 94 | 9770 | 9771 | SN | 1 | 0.0 | 21.486 | 7.007 | 0.0 | 23.505 | 8.428 | 0.0 | 146.07 | 3.743 | 0.0 | 124.714 | 4.696 | 0.0 | 1.424 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.166 | 0.0 |
| 95 | 9770 | 9771 | SN | 1 | 0.0 | 31.557 | 13.292 | 0.0 | 25.165 | 12.931 | 0.0 | 148.293 | 12.219 | 0.0 | 39.085 | 14.541 | 0.0 | 1.444 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.165 | 0.0 |
| 96 | 9770 | 9771 | SN | 1 | 0.0 | 21.486 | 7.089 | 0.0 | 23.505 | 8.458 | 0.0 | 146.07 | 3.815 | 0.0 | 14.201 | 4.615 | 0.0 | 1.424 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.166 | 0.0 |
| 97 | 9770 | 9771 | NS | 1 | 0.0 | 25.65 | 4.755 | 0.0 | 24.547 | 6.543 | 0.0 | 126.021 | 1.421 | 0.0 | 23.345 | 1.797 | 0.0 | 1.374 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.098 | 0.0 |
| 98 | 9770 | 9771 | NS | 1 | 0.0 | 22.043 | 11.181 | 0.0 | 31.744 | 13.303 | 0.0 | 249.466 | 8.379 | 0.0 | 38.351 | 10.185 | 0.0 | 1.388 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.099 | 0.0 |
| 99 | 9770 | 9771 | SN | 1 | 0.0 | 31.557 | 13.292 | 0.0 | 25.165 | 12.931 | 0.0 | 148.293 | 12.219 | 0.0 | 39.085 | 14.541 | 0.0 | 1.444 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.165 | 0.0 |
| 100 | 9772 | 9773 | SN | 1 | 0.0 | 31.474 | 13.275 | 0.0 | 25.176 | 12.901 | 0.0 | 151.469 | 12.243 | 0.0 | 207.756 | 14.59 | 0.0 | 1.444 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.166 | 0.0 |
| 101 | 9772 | 9773 | SN | 1 | 0.0 | 21.481 | 7.044 | 0.0 | 23.56 | 8.44 | 0.0 | 176.574 | 3.818 | 0.0 | 92.958 | 4.705 | 0.0 | 1.42 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.166 | 0.0 |
| 102 | 9772 | 9773 | NS | 1 | 0.0 | 265.875 | 11.293 | 0.0 | 31.755 | 13.232 | 0.0 | 274.005 | 8.222 | 0.0 | 35.842 | 10.178 | 0.0 | 1.386 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.096 | 0.0 |
| 103 | 9772 | 9773 | NS | 1 | 0.0 | 157.249 | 4.798 | 0.0 | 25.816 | 6.534 | 0.0 | 352.053 | 1.359 | 0.0 | 24.007 | 1.789 | 0.0 | 1.372 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.096 | 0.0 |
| 104 | 9773 | 9774 | NS | 1 | 0.0 | 151.599 | 11.315 | 0.0 | 31.645 | 13.314 | 0.0 | 133.879 | 8.077 | 0.0 | 38.903 | 10.2 | 0.0 | 1.387 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 2.097 | 0.0 |
| 105 | 9773 | 9774 | NS | 1 | 0.0 | 213.24 | 4.863 | 0.0 | 25.854 | 6.557 | 0.0 | 134.552 | 1.36 | 0.0 | 23.411 | 1.795 | 0.0 | 1.372 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.097 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106 | 9773 | 9774 | SN | 1 | 0.0 | 30.906 | 13.2 | 0.0 | 25.154 | 12.864 | 0.0 | 162.902 | 12.248 | 0.0 | 259.798 | 14.637 | 0.0 | 1.429 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.886 | 0.0 | 0.0 | 2.166 | 0.0 |
| 107 | 9773 | 9774 | SN | 1 | 0.0 | 21.492 | 7.039 | 0.0 | 23.516 | 8.464 | 0.0 | 172.443 | 3.809 | 0.0 | 250.136 | 4.731 | 0.0 | 1.428 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.166 | 0.0 |
| 108 | 9773 | 9774 | NS | 1 | 0.0 | 151.599 | 11.305 | 0.0 | 31.64 | 13.314 | 0.0 | 133.935 | 8.091 | 0.0 | 38.897 | 10.214 | 0.0 | 1.387 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 2.097 | 0.0 |
| 109 | 9774 | 9775 | NS | 1 | 0.0 | 238.256 | 11.336 | 0.0 | 30.746 | 13.314 | 0.0 | 125.166 | 8.176 | 0.0 | 39.614 | 10.228 | 0.0 | 1.385 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 2.096 | 0.0 |
| 110 | 9774 | 9775 | NS | 1 | 0.0 | 105.764 | 4.841 | 0.0 | 25.843 | 6.546 | 0.0 | 317.987 | 1.381 | 0.0 | 23.648 | 1.79 | 0.0 | 1.371 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.097 | 0.0 |
| 111 | 9774 | 9775 | SN | 1 | 0.0 | 31.673 | 13.129 | 0.0 | 220.476 | 12.874 | 0.0 | 175.873 | 12.184 | 0.0 | 59.882 | 14.565 | 0.0 | 1.445 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.885 | 0.0 | 0.0 | 2.166 | 0.0 |
| 112 | 9774 | 9775 | NS | 1 | 0.0 | 68.226 | 4.834 | 0.0 | 25.843 | 6.553 | 0.0 | 318.003 | 1.381 | 0.0 | 23.654 | 1.794 | 0.0 | 1.371 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.097 | 0.0 |
| 113 | 9774 | 9775 | SN | 1 | 0.0 | 21.492 | 7.044 | 0.0 | 245.36 | 8.457 | 0.0 | 172.327 | 3.808 | 0.0 | 129.798 | 4.711 | 0.0 | 1.433 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.166 | 0.0 |
| 114 | 9775 | 9776 | SN | 1 | 0.0 | 31.529 | 13.171 | 0.0 | 25.137 | 12.815 | 0.0 | 190.692 | 12.13 | 0.0 | 57.971 | 14.56 | 0.0 | 1.43 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.164 | 0.0 |
| 115 | 9775 | 9776 | SN | 1 | 0.0 | 21.503 | 7.04 | 0.0 | 23.521 | 8.456 | 0.0 | 180.274 | 3.789 | 0.0 | 123.076 | 4.724 | 0.0 | 1.422 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.166 | 0.0 |
| 116 | 9775 | 9776 | SN | 1 | 0.0 | 31.535 | 13.182 | 0.0 | 25.137 | 12.815 | 0.0 | 190.753 | 12.137 | 0.0 | 251.763 | 14.553 | 0.0 | 1.43 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.164 | 0.0 |
| 117 | 9775 | 9776 | NS | 1 | 0.0 | 22.066 | 11.244 | 0.0 | 31.375 | 13.342 | 0.0 | 352.665 | 8.317 | 0.0 | 38.848 | 10.245 | 0.0 | 1.385 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.096 | 0.0 |
| 118 | 9775 | 9776 | SN | 1 | 0.0 | 21.497 | 7.038 | 0.0 | 23.516 | 8.456 | 0.0 | 180.208 | 3.788 | 0.0 | 173.257 | 4.731 | 0.0 | 1.422 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.166 | 0.0 |
| 119 | 9775 | 9776 | NS | 1 | 0.0 | 25.645 | 4.804 | 0.0 | 24.542 | 6.546 | 0.0 | 338.789 | 1.398 | 0.0 | 23.45 | 1.798 | 0.0 | 1.371 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.097 | 0.0 |
| 120 | 9776 | 9777 | NS | 1 | 0.0 | 22.054 | 11.234 | 0.0 | 31.408 | 13.352 | 0.0 | 253.224 | 8.338 | 0.0 | 39.741 | 10.259 | 0.0 | 1.386 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.098 | 0.0 |
| 121 | 9776 | 9777 | SN | 1 | 0.0 | 31.656 | 13.156 | 0.0 | 237.104 | 12.835 | 0.0 | 156.433 | 12.06 | 0.0 | 148.494 | 14.56 | 0.0 | 1.43 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.163 | 0.0 |
| 122 | 9776 | 9777 | SN | 1 | 0.0 | 21.52 | 7.302 | 0.0 | 269.606 | 8.527 | 0.0 | 157.288 | 4.016 | 0.0 | 14.207 | 4.678 | 0.0 | 1.423 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.167 | 0.0 |
| 123 | 9776 | 9777 | SN | 1 | 0.0 | 31.656 | 13.156 | 0.0 | 237.104 | 12.835 | 0.0 | 156.433 | 12.06 | 0.0 | 148.494 | 14.56 | 0.0 | 1.43 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.163 | 0.0 |
| 124 | 9776 | 9777 | NS | 1 | 0.0 | 25.661 | 4.77 | 0.0 | 24.564 | 6.564 | 0.0 | 129.76 | 1.434 | 0.0 | 40.21 | 1.814 | 0.0 | 1.372 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.097 | 0.0 |
| 125 | 9776 | 9777 | SN | 1 | 0.0 | 31.656 | 13.323 | 0.0 | 237.104 | 12.408 | 0.0 | 156.433 | 12.778 | 0.0 | 148.494 | 13.861 | 0.0 | 1.43 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.163 | 0.0 |
| 126 | 9776 | 9777 | SN | 1 | 0.0 | 21.52 | 7.023 | 0.0 | 269.606 | 8.435 | 0.0 | 157.288 | 3.721 | 0.0 | 61.178 | 4.689 | 0.0 | 1.423 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.167 | 0.0 |
| 127 | 9776 | 9777 | NS | 1 | 0.0 | 25.667 | 4.777 | 0.0 | 24.564 | 6.571 | 0.0 | 254.115 | 1.436 | 0.0 | 40.204 | 1.81 | 0.0 | 1.372 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.097 | 0.0 |
| 128 | 9776 | 9777 | NS | 1 | 0.0 | 22.054 | 11.244 | 0.0 | 31.413 | 13.363 | 0.0 | 216.764 | 8.338 | 0.0 | 39.736 | 10.237 | 0.0 | 1.386 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.098 | 0.0 |
| 129 | 9776 | 9777 | SN | 1 | 0.0 | 21.52 | 7.023 | 0.0 | 269.606 | 8.435 | 0.0 | 157.288 | 3.721 | 0.0 | 61.183 | 4.691 | 0.0 | 1.423 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.167 | 0.0 |
| 130 | 9777 | 9778 | SN | 1 | 0.0 | 21.514 | 6.958 | 0.0 | 96.637 | 8.411 | 0.0 | 143.368 | 3.667 | 0.0 | 135.655 | 4.683 | 0.0 | 1.428 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.165 | 0.0 |
| 131 | 9777 | 9778 | SN | 1 | 0.0 | 21.503 | 7.341 | 0.0 | 23.494 | 8.545 | 0.0 | 143.434 | 4.081 | 0.0 | 14.201 | 4.744 | 0.0 | 1.428 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.165 | 0.0 |
| 132 | 9777 | 9778 | NS | 1 | 0.0 | 166.561 | 4.705 | 0.0 | 24.564 | 6.55 | 0.0 | 230.717 | 1.441 | 0.0 | 23.356 | 1.782 | 0.0 | 1.372 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.098 | 0.0 |
| 133 | 9777 | 9778 | SN | 1 | 0.0 | 31.507 | 13.497 | 0.0 | 25.126 | 12.291 | 0.0 | 147.002 | 13.168 | 0.0 | 15.585 | 13.744 | 0.0 | 1.43 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.163 | 0.0 |
| 134 | 9777 | 9778 | SN | 1 | 0.0 | 31.507 | 13.173 | 0.0 | 88.971 | 12.911 | 0.0 | 146.958 | 12.078 | 0.0 | 81.261 | 14.498 | 0.0 | 1.43 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.163 | 0.0 |
| 135 | 9777 | 9778 | NS | 1 | 0.0 | 254.641 | 4.715 | 0.0 | 24.564 | 6.56 | 0.0 | 257.222 | 1.443 | 0.0 | 41.318 | 1.775 | 0.0 | 1.372 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 2.099 | 0.0 |
| 136 | 9777 | 9778 | NS | 1 | 0.0 | 150.86 | 11.161 | 0.0 | 31.706 | 13.323 | 0.0 | 214.525 | 8.4 | 0.0 | 38.429 | 10.206 | 0.0 | 1.387 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.099 | 0.0 |
| 137 | 9777 | 9778 | NS | 1 | 0.0 | 150.855 | 11.244 | 0.0 | 31.469 | 13.363 | 0.0 | 276.872 | 8.374 | 0.0 | 59.854 | 10.245 | 0.0 | 1.387 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 2.099 | 0.0 |
| 138 | 9777 | 9778 | SN | 1 | 0.0 | 31.507 | 13.173 | 0.0 | 25.126 | 12.891 | 0.0 | 147.002 | 12.078 | 0.0 | 39.057 | 14.484 | 0.0 | 1.43 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.163 | 0.0 |
| 139 | 9777 | 9778 | SN | 1 | 0.0 | 21.503 | 6.953 | 0.0 | 23.494 | 8.408 | 0.0 | 143.434 | 3.665 | 0.0 | 135.655 | 4.683 | 0.0 | 1.428 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.165 | 0.0 |
| 140 | 9778 | 9779 | SN | 1 | 0.0 | 21.508 | 6.937 | 0.0 | 266.587 | 8.381 | 0.0 | 158.325 | 3.665 | 0.0 | 117.654 | 4.69 | 0.0 | 1.421 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.164 | 0.0 |
| 141 | 9778 | 9779 | NS | 1 | 0.0 | 121.019 | 4.746 | 0.0 | 24.558 | 6.58 | 0.0 | 133.427 | 1.439 | 0.0 | 23.676 | 1.786 | 0.0 | 1.372 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.097 | 0.0 |
| 142 | 9778 | 9779 | SN | 1 | 0.0 | 31.474 | 13.102 | 0.0 | 238.096 | 12.891 | 0.0 | 156.907 | 12.064 | 0.0 | 271.357 | 14.497 | 0.0 | 1.433 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.163 | 0.0 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 143 | 9778 | 9779 | NS | 1 | 0.0 | 90.443 | 11.191 | 0.0 | 31.711 | 13.323 | 0.0 | 263.675 | 8.422 | 0.0 | 36.289 | 10.149 | 0.0 | 1.386 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.099 | 0.0 |
| 144 | 9779 | 9780 | NS | 1 | 0.0 | 153.703 | 4.776 | 0.0 | 24.564 | 6.597 | 0.0 | 134.497 | 1.451 | 0.0 | 45.653 | 1.827 | 0.0 | 1.371 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.098 | 0.0 |
| 145 | 9779 | 9780 | NS | 1 | 0.0 | 269.499 | 11.227 | 0.0 | 30.641 | 13.388 | 0.0 | 354.0 | 8.384 | 0.0 | 38.114 | 10.221 | 0.0 | 1.385 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.093 | 0.0 |

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

Normal
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