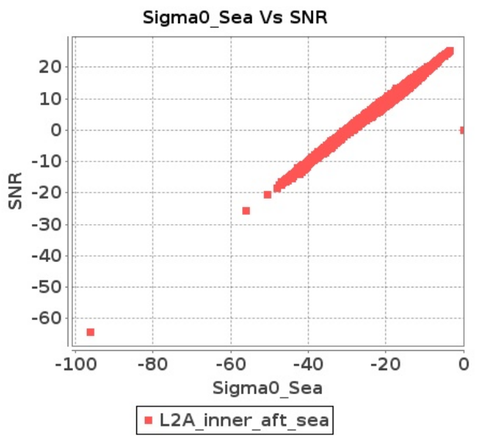
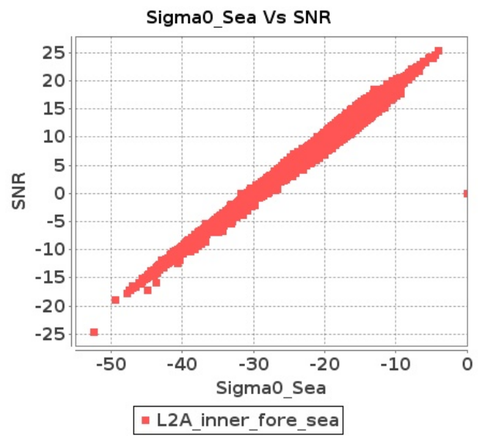
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 04-AUG-2019 To 05-AUG-2019

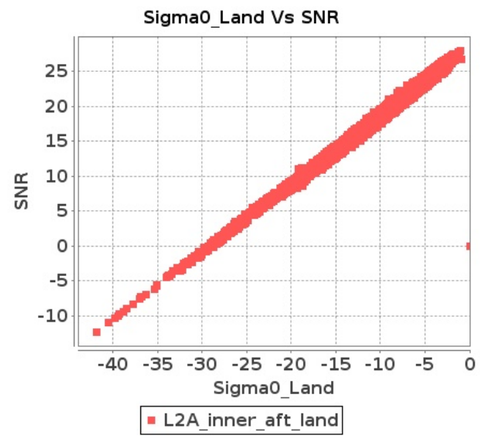
## Inner Sea Aft Sigma0VsSNR



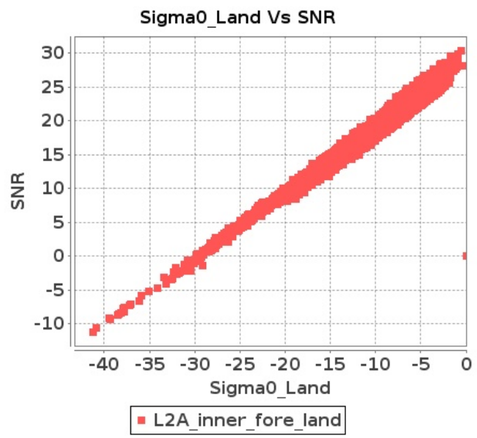

## Inner Sea Fore Sigma0VsSNR



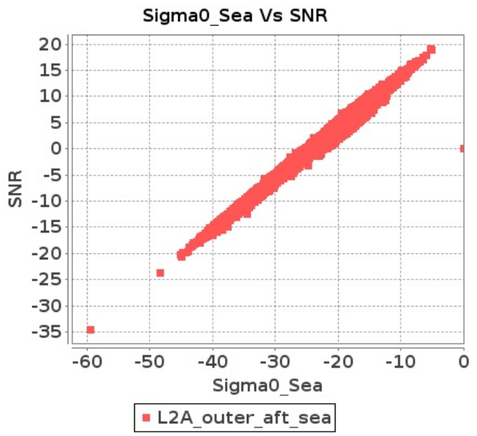

## Inner Land Aft Sigma0VsSNR



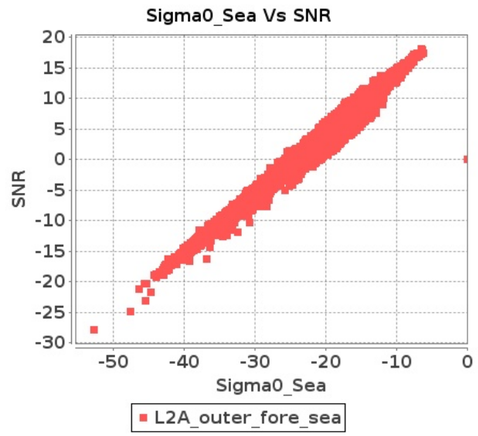

## Inner Land Fore Sigma0VsSNR



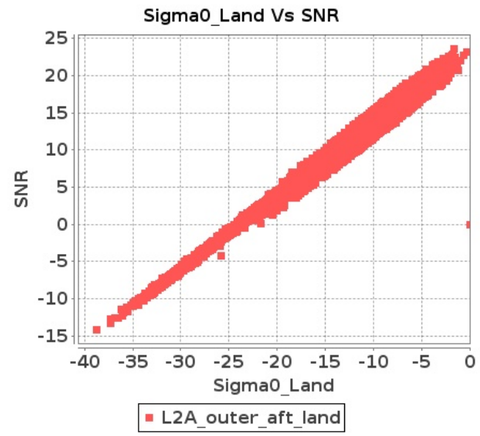

## Outer Sea Aft Sigma0VsSNR



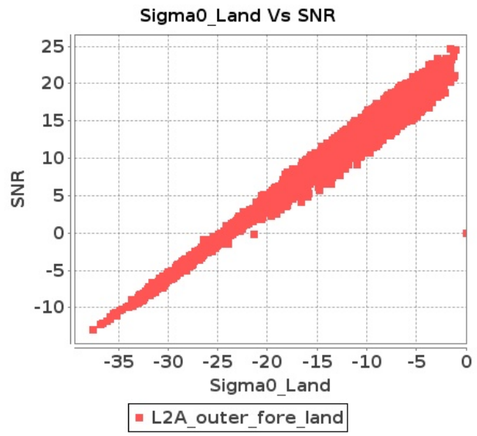

## Outer Sea Fore Sigma0VsSNR




## Outer Land Aft Sigma0VsSNR




## Outer Land Fore Sigma0VsSNR



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

Report between 04-AUG-2019 To 05-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 | 15106 | 15107 | SN | 1 | 0.0 | 51.933 | 6.984 | 0.0 | 51.283 | 8.324 | 0.0 | 47.378 | 5.79 | 0.0 | 49.394 | 7.254 | 0.0 | 52.409 | 6.963 | 0.0 | 53.527 | 8.199 | 0.0 | 47.951 | 5.717 | 0.0 | 46.215 | 6.795 |
| 2 | 15106 | 15107 | SN | 1 | 0.0 | 51.933 | 6.998 | 0.0 | 51.283 | 8.399 | 0.0 | 47.378 | 5.72 | 0.0 | 49.394 | 7.19 | 0.0 | 52.409 | 6.978 | 0.0 | 53.527 | 8.287 | 0.0 | 47.951 | 5.613 | 0.0 | 46.493 | 6.826 |
| 3 | 15106 | 15107 | NS | 1 | 0.0 | 48.098 | 1.499 | 0.0 | 52.593 | 2.028 | 0.0 | 39.736 | 1.298 | 0.0 | 42.665 | 1.764 | 0.0 | 47.64 | 1.513 | 0.0 | 53.599 | 1.922 | 0.0 | 38.741 | 1.261 | 0.0 | 43.591 | 1.519 |
| 4 | 15106 | 15107 | SN | 1 | 0.0 | 46.299 | 1.806 | 0.0 | 47.267 | 2.384 | 0.0 | 45.319 | 1.554 | 0.0 | 48.775 | 1.99 | 0.0 | 44.94 | 1.837 | 0.0 | 48.716 | 2.298 | 0.0 | 43.968 | 1.453 | 0.0 | 45.365 | 1.904 |
| 5 | 15106 | 15107 | NS | 1 | 0.0 | 54.866 | 6.761 | 0.0 | 55.393 | 8.589 | 0.0 | 42.515 | 5.331 | 0.0 | 47.757 | 6.245 | 0.0 | 56.365 | 6.853 | 0.0 | 53.206 | 7.919 | 0.0 | 43.932 | 5.167 | 0.0 | 47.299 | 5.257 |
| 6 | 15106 | 15107 | SN | 1 | 0.0 | 46.299 | 1.802 | 0.0 | 47.267 | 2.386 | 0.0 | 45.319 | 1.591 | 0.0 | 48.775 | 1.967 | 0.0 | 44.94 | 1.841 | 0.0 | 48.716 | 2.287 | 0.0 | 43.968 | 1.491 | 0.0 | 45.365 | 1.846 |
| 7 | 15107 | 15108 | SN | 1 | 0.0 | 44.283 | 1.424 | 0.0 | 47.592 | 1.911 | 0.0 | 37.801 | 1.442 | 0.0 | 39.62 | 1.935 | 0.0 | 44.482 | 1.458 | 0.0 | 45.433 | 1.843 | 0.0 | 38.08 | 1.424 | 0.0 | 37.965 | 1.855 |
| 8 | 15107 | 15108 | NS | 1 | 0.0 | 44.436 | 0.734 | 0.0 | 49.595 | 1.049 | 0.0 | 35.514 | 0.615 | 0.0 | 41.877 | 0.971 | 0.0 | 44.149 | 0.752 | 0.0 | 51.575 | 0.979 | 0.0 | 38.811 | 0.562 | 0.0 | 41.935 | 0.81 |
| 9 | 15107 | 15108 | SN | 1 | 0.0 | 48.399 | 5.143 | 0.0 | 52.038 | 6.161 | 0.0 | 48.498 | 4.309 | 0.0 | 44.866 | 5.687 | 0.0 | 49.857 | 5.359 | 0.0 | 51.177 | 6.12 | 0.0 | 45.289 | 4.626 | 0.0 | 44.013 | 5.752 |
| 10 | 15107 | 15108 | SN | 1 | 0.0 | 48.399 | 5.16 | 0.0 | 52.038 | 6.161 | 0.0 | 48.498 | 4.312 | 0.0 | 44.866 | 5.687 | 0.0 | 49.857 | 5.375 | 0.0 | 51.177 | 6.12 | 0.0 | 45.289 | 4.635 | 0.0 | 44.013 | 5.752 |
| 11 | 15107 | 15108 | SN | 1 | 0.0 | 48.399 | 5.15 | 0.0 | 52.038 | 6.118 | 0.0 | 48.498 | 4.332 | 0.0 | 44.866 | 5.65 | 0.0 | 49.857 | 5.352 | 0.0 | 51.177 | 6.078 | 0.0 | 45.289 | 4.652 | 0.0 | 44.013 | 5.707 |
| 12 | 15107 | 15108 | SN | 1 | 0.0 | 44.283 | 1.427 | 0.0 | 47.592 | 1.933 | 0.0 | 37.801 | 1.451 | 0.0 | 39.62 | 1.948 | 0.0 | 44.482 | 1.466 | 0.0 | 45.433 | 1.865 | 0.0 | 38.08 | 1.431 | 0.0 | 37.965 | 1.871 |
| 13 | 15107 | 15108 | NS | 1 | 0.0 | 43.039 | 0.711 | 0.0 | 44.473 | 1.038 | 0.0 | 40.06 | 0.638 | 0.0 | 41.563 | 0.987 | 0.0 | 42.752 | 0.738 | 0.0 | 46.251 | 0.975 | 0.0 | 41.353 | 0.585 | 0.0 | 41.621 | 0.833 |
| 14 | 15107 | 15108 | SN | 1 | 0.0 | 44.283 | 1.429 | 0.0 | 47.592 | 1.933 | 0.0 | 37.801 | 1.452 | 0.0 | 39.62 | 1.948 | 0.0 | 44.482 | 1.467 | 0.0 | 45.433 | 1.865 | 0.0 | 38.08 | 1.432 | 0.0 | 37.965 | 1.871 |
| 15 | 15107 | 15108 | NS | 1 | 0.0 | 50.236 | 2.929 | 0.0 | 55.591 | 3.449 | 0.0 | 40.064 | 2.032 | 0.0 | 46.453 | 3.141 | 0.0 | 50.231 | 2.99 | 0.0 | 57.411 | 3.134 | 0.0 | 39.605 | 1.99 | 0.0 | 46.084 | 2.644 |
| 16 | 15107 | 15108 | NS | 1 | 0.0 | 48.52 | 2.868 | 0.0 | 55.352 | 3.419 | 0.0 | 41.811 | 2.068 | 0.0 | 45.163 | 3.177 | 0.0 | 49.917 | 2.919 | 0.0 | 54.504 | 3.104 | 0.0 | 42.081 | 2.018 | 0.0 | 44.794 | 2.665 |
| 17 | 15108 | 15109 | NS | 1 | 0.0 | 46.108 | 1.561 | 0.0 | 41.704 | 2.181 | 0.0 | 41.87 | 1.826 | 0.0 | 42.939 | 2.58 | 0.0 | 46.255 | 1.531 | 0.0 | 41.817 | 2.019 | 0.0 | 40.756 | 1.67 | 0.0 | 41.712 | 2.153 |
| 18 | 15108 | 15109 | SN | 1 | 0.0 | 44.394 | 0.867 | 0.0 | 43.766 | 1.047 | 0.0 | 40.692 | 0.949 | 0.0 | 39.238 | 1.474 | 0.0 | 43.218 | 0.887 | 0.0 | 43.932 | 0.921 | 0.0 | 41.372 | 0.94 | 0.0 | 38.677 | 1.201 |
| 19 | 15108 | 15109 | SN | 1 | 0.0 | 44.394 | 0.867 | 0.0 | 43.766 | 1.049 | 0.0 | 40.692 | 0.949 | 0.0 | 37.631 | 1.475 | 0.0 | 43.218 | 0.887 | 0.0 | 43.932 | 0.922 | 0.0 | 41.372 | 0.94 | 0.0 | 36.954 | 1.201 |
| 20 | 15108 | 15109 | SN | 1 | 0.0 | 44.962 | 3.096 | 0.0 | 42.14 | 3.454 | 0.0 | 39.588 | 3.078 | 0.0 | 44.269 | 4.047 | 0.0 | 45.626 | 3.086 | 0.0 | 40.607 | 3.124 | 0.0 | 37.839 | 2.912 | 0.0 | 42.972 | 3.592 |
| 21 | 15108 | 15109 | SN | 1 | 0.0 | 45.602 | 0.88 | 0.0 | 43.766 | 1.06 | 0.0 | 40.692 | 0.953 | 0.0 | 37.631 | 1.485 | 0.0 | 44.427 | 0.902 | 0.0 | 43.932 | 0.931 | 0.0 | 41.372 | 0.935 | 0.0 | 36.954 | 1.213 |
| 22 | 15108 | 15109 | SN | 1 | 0.0 | 45.086 | 3.084 | 0.0 | 42.14 | 3.441 | 0.0 | 40.754 | 3.034 | 0.0 | 44.608 | 4.066 | 0.0 | 45.749 | 3.054 | 0.0 | 40.607 | 3.095 | 0.0 | 40.445 | 2.878 | 0.0 | 43.312 | 3.588 |
| 23 | 15108 | 15109 | SN | 1 | 0.0 | 45.086 | 3.084 | 0.0 | 42.14 | 3.441 | 0.0 | 40.754 | 3.034 | 0.0 | 44.608 | 4.066 | 0.0 | 45.749 | 3.054 | 0.0 | 40.607 | 3.095 | 0.0 | 40.445 | 2.878 | 0.0 | 43.312 | 3.588 |
| 24 | 15108 | 15109 | NS | 1 | 0.0 | 37.216 | 0.447 | 0.0 | 40.621 | 0.652 | 0.0 | 38.018 | 0.535 | 0.0 | 39.783 | 0.792 | 0.0 | 36.787 | 0.429 | 0.0 | 38.562 | 0.575 | 0.0 | 34.745 | 0.505 | 0.0 | 37.476 | 0.606 |
| 25 | 15108 | 15109 | NS | 1 | 0.0 | 37.216 | 0.456 | 0.0 | 40.886 | 0.668 | 0.0 | 37.054 | 0.546 | 0.0 | 38.434 | 0.797 | 0.0 | 36.787 | 0.433 | 0.0 | 38.826 | 0.566 | 0.0 | 34.745 | 0.512 | 0.0 | 37.392 | 0.592 |
| 26 | 15108 | 15109 | NS | 1 | 0.0 | 46.108 | 1.581 | 0.0 | 41.704 | 2.211 | 0.0 | 42.83 | 1.762 | 0.0 | 42.939 | 2.594 | 0.0 | 46.255 | 1.52 | 0.0 | 42.039 | 2.019 | 0.0 | 41.717 | 1.627 | 0.0 | 41.712 | 2.182 |
| 27 | 15109 | 15110 | SN | 1 | 0.0 | 43.635 | 1.74 | 0.0 | 42.304 | 2.152 | 0.0 | 38.14 | 1.909 | 0.0 | 45.861 | 2.607 | 0.0 | 44.898 | 1.756 | 0.0 | 43.304 | 2.037 | 0.0 | 38.238 | 1.875 | 0.0 | 45.516 | 2.419 |
| 28 | 15109 | 15110 | NS | 1 | 0.0 | 52.397 | 1.327 | 0.0 | 56.781 | 1.759 | 0.0 | 40.731 | 1.032 | 0.0 | 47.119 | 1.371 | 0.0 | 52.185 | 1.345 | 0.0 | 53.57 | 1.701 | 0.0 | 41.66 | 1.039 | 0.0 | 47.289 | 1.293 |
| 29 | 15109 | 15110 | SN | 1 | 0.0 | 45.496 | 1.777 | 0.0 | 42.426 | 2.195 | 0.0 | 37.261 | 1.929 | 0.0 | 44.857 | 2.592 | 0.0 | 45.933 | 1.8 | 0.0 | 43.425 | 2.015 | 0.0 | 35.151 | 1.904 | 0.0 | 45.301 | 2.399 |
| 30 | 15109 | 15110 | SN | 1 | 0.0 | 45.514 | 5.895 | 0.0 | 42.696 | 6.59 | 0.0 | 41.361 | 5.702 | 0.0 | 42.747 | 7.264 | 0.0 | 45.437 | 5.967 | 0.0 | 45.131 | 6.435 | 0.0 | 41.919 | 6.044 | 0.0 | 42.88 | 6.995 |
| 31 | 15109 | 15110 | SN | 1 | 0.0 | 45.652 | 5.83 | 0.0 | 42.696 | 6.731 | 0.0 | 39.453 | 5.661 | 0.0 | 42.747 | 7.265 | 0.0 | 45.463 | 5.931 | 0.0 | 45.131 | 6.589 | 0.0 | 38.339 | 6.066 | 0.0 | 42.88 | 7.065 |

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

Normal  Deviations

Alarming  High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 15109 | 15110 | NS | 1 | 0.0 | 50.308 | 1.32 | 0.0 | 56.475 | 1.743 | 0.0 | 40.731 | 1.019 | 0.0 | 44.496 | 1.365 | 0.0 | 49.59 | 1.332 | 0.0 | 53.265 | 1.694 | 0.0 | 41.66 | 1.014 | 0.0 | 44.196 | 1.304 |
| 33 | 15109 | 15110 | NS | 1 | 0.0 | 48.056 | 5.424 | 0.0 | 53.884 | 6.235 | 0.0 | 44.379 | 4.036 | 0.0 | 40.646 | 4.916 | 0.0 | 47.898 | 5.485 | 0.0 | 56.08 | 6.133 | 0.0 | 45.424 | 3.957 | 0.0 | 40.544 | 4.539 |
| 34 | 15109 | 15110 | NS | 1 | 0.0 | 47.298 | 5.434 | 0.0 | 53.86 | 6.245 | 0.0 | 44.38 | 4.071 | 0.0 | 43.777 | 4.887 | 0.0 | 47.139 | 5.505 | 0.0 | 56.06 | 6.123 | 0.0 | 45.425 | 3.979 | 0.0 | 45.145 | 4.561 |
| 35 | 15109 | 15110 | SN | 1 | 0.0 | 53.511 | 5.962 | 0.0 | 42.986 | 6.64 | 0.0 | 42.406 | 5.725 | 0.0 | 41.231 | 7.208 | 0.0 | 53.426 | 6.012 | 0.0 | 45.427 | 6.517 | 0.0 | 40.058 | 6.052 | 0.0 | 45.846 | 7.079 |
| 36 | 15109 | 15110 | SN | 1 | 0.0 | 45.652 | 1.752 | 0.0 | 42.304 | 2.168 | 0.0 | 37.461 | 1.918 | 0.0 | 44.857 | 2.641 | 0.0 | 45.933 | 1.763 | 0.0 | 43.304 | 2.005 | 0.0 | 38.321 | 1.873 | 0.0 | 45.301 | 2.463 |
| 37 | 15110 | 15111 | SN | 1 | 0.0 | 37.444 | 2.036 | 0.0 | 44.68 | 2.684 | 0.0 | 40.463 | 2.249 | 0.0 | 43.76 | 2.884 | 0.0 | 38.495 | 2.045 | 0.0 | 46.462 | 2.604 | 0.0 | 38.877 | 2.203 | 0.0 | 40.571 | 2.771 |
| 38 | 15110 | 15111 | SN | 1 | 0.0 | 44.993 | 7.36 | 0.0 | 46.017 | 9.521 | 0.0 | 42.047 | 6.583 | 0.0 | 46.886 | 8.314 | 0.0 | 43.959 | 7.583 | 0.0 | 48.268 | 9.155 | 0.0 | 42.317 | 6.882 | 0.0 | 46.066 | 8.414 |
| 39 | 15110 | 15111 | SN | 1 | 0.0 | 45.55 | 7.472 | 0.0 | 46.135 | 9.47 | 0.0 | 43.74 | 6.569 | 0.0 | 42.597 | 8.2 | 0.0 | 47.011 | 7.685 | 0.0 | 48.843 | 9.185 | 0.0 | 43.998 | 6.732 | 0.0 | 42.028 | 8.349 |
| 40 | 15110 | 15111 | NS | 1 | 0.0 | 47.524 | 2.575 | 0.0 | 56.148 | 3.903 | 0.0 | 48.287 | 2.707 | 0.0 | 44.499 | 3.808 | 0.0 | 47.689 | 2.636 | 0.0 | 55.222 | 3.558 | 0.0 | 46.631 | 2.579 | 0.0 | 45.283 | 3.268 |
| 41 | 15110 | 15111 | NS | 1 | 0.0 | 47.504 | 2.534 | 0.0 | 49.145 | 3.883 | 0.0 | 48.287 | 2.714 | 0.0 | 44.499 | 3.772 | 0.0 | 47.67 | 2.636 | 0.0 | 49.119 | 3.558 | 0.0 | 46.631 | 2.593 | 0.0 | 45.283 | 3.225 |
| 42 | 15110 | 15111 | NS | 1 | 0.0 | 40.767 | 0.72 | 0.0 | 44.589 | 1.121 | 0.0 | 40.558 | 0.753 | 0.0 | 42.176 | 1.254 | 0.0 | 40.0 | 0.743 | 0.0 | 44.785 | 1.058 | 0.0 | 40.28 | 0.69 | 0.0 | 42.6 | 0.979 |
| 43 | 15110 | 15111 | NS | 1 | 0.0 | 40.767 | 0.727 | 0.0 | 44.591 | 1.11 | 0.0 | 40.556 | 0.75 | 0.0 | 39.473 | 1.247 | 0.0 | 39.999 | 0.747 | 0.0 | 44.785 | 1.049 | 0.0 | 40.28 | 0.684 | 0.0 | 36.148 | 0.978 |
| 44 | 15110 | 15111 | SN | 1 | 0.0 | 45.322 | 2.056 | 0.0 | 43.984 | 2.72 | 0.0 | 36.901 | 2.214 | 0.0 | 38.387 | 2.879 | 0.0 | 44.0 | 2.036 | 0.0 | 45.692 | 2.634 | 0.0 | 38.22 | 2.191 | 0.0 | 38.468 | 2.796 |
| 45 | 15111 | 15112 | NS | 1 | 0.0 | 54.625 | 6.153 | 0.0 | 53.724 | 6.824 | 0.0 | 46.667 | 5.807 | 0.0 | 45.559 | 7.396 | 0.0 | 55.062 | 6.194 | 0.0 | 51.596 | 6.936 | 0.0 | 44.773 | 5.935 | 0.0 | 45.325 | 6.948 |
| 46 | 15111 | 15112 | NS | 1 | 0.0 | 51.628 | 1.723 | 0.0 | 47.796 | 2.247 | 0.0 | 43.704 | 1.722 | 0.0 | 40.808 | 2.194 | 0.0 | 52.511 | 1.759 | 0.0 | 46.511 | 2.123 | 0.0 | 42.741 | 1.683 | 0.0 | 39.185 | 2.033 |
| 47 | 15111 | 15112 | SN | 1 | 0.0 | 58.067 | 7.763 | 0.0 | 45.748 | 9.365 | 0.0 | 46.418 | 6.752 | 0.0 | 47.347 | 7.682 | 0.0 | 59.445 | 8.027 | 0.0 | 46.469 | 8.927 | 0.0 | 44.422 | 6.88 | 0.0 | 47.49 | 7.817 |
| 48 | 15111 | 15112 | SN | 1 | 0.0 | 58.067 | 7.763 | 0.0 | 45.748 | 9.365 | 0.0 | 46.418 | 6.752 | 0.0 | 47.347 | 7.682 | 0.0 | 59.445 | 8.027 | 0.0 | 46.469 | 8.927 | 0.0 | 44.422 | 6.88 | 0.0 | 47.49 | 7.817 |
| 49 | 15111 | 15112 | SN | 1 | 0.0 | 42.787 | 2.115 | 0.0 | 46.243 | 3.077 | 0.0 | 37.909 | 1.951 | 0.0 | 40.33 | 2.576 | 0.0 | 43.51 | 2.189 | 0.0 | 45.694 | 2.982 | 0.0 | 39.468 | 1.979 | 0.0 | 40.337 | 2.55 |
| 50 | 15111 | 15112 | SN | 1 | 0.0 | 53.58 | 7.884 | 0.0 | 45.748 | 9.899 | 0.0 | 46.418 | 6.745 | 0.0 | 47.347 | 7.917 | 0.0 | 55.428 | 8.13 | 0.0 | 46.469 | 9.395 | 0.0 | 44.422 | 6.888 | 0.0 | 47.49 | 8.098 |
| 51 | 15111 | 15112 | SN | 1 | 0.0 | 43.625 | 2.056 | 0.0 | 46.243 | 2.972 | 0.0 | 40.5 | 1.926 | 0.0 | 40.318 | 2.487 | 0.0 | 43.667 | 2.114 | 0.0 | 45.694 | 2.863 | 0.0 | 42.06 | 1.945 | 0.0 | 40.324 | 2.459 |
| 52 | 15111 | 15112 | SN | 1 | 0.0 | 43.625 | 2.056 | 0.0 | 46.243 | 2.972 | 0.0 | 40.5 | 1.926 | 0.0 | 40.318 | 2.487 | 0.0 | 43.667 | 2.114 | 0.0 | 45.694 | 2.863 | 0.0 | 42.06 | 1.945 | 0.0 | 40.324 | 2.459 |
| 53 | 15111 | 15112 | NS | 1 | 0.0 | 51.124 | 1.723 | 0.0 | 45.151 | 2.251 | 0.0 | 43.621 | 1.718 | 0.0 | 40.808 | 2.215 | 0.0 | 52.007 | 1.759 | 0.0 | 46.636 | 2.125 | 0.0 | 42.657 | 1.694 | 0.0 | 39.185 | 2.074 |
| 54 | 15111 | 15112 | NS | 1 | 0.0 | 50.528 | 6.123 | 0.0 | 54.312 | 6.784 | 0.0 | 46.583 | 5.757 | 0.0 | 44.957 | 7.41 | 0.0 | 50.728 | 6.123 | 0.0 | 52.122 | 6.875 | 0.0 | 44.773 | 5.892 | 0.0 | 45.129 | 6.955 |
| 55 | 15112 | 15113 | NS | 1 | 0.0 | 56.068 | 5.241 | 0.0 | 51.402 | 6.479 | 0.0 | 43.836 | 5.551 | 0.0 | 45.663 | 6.692 | 0.0 | 56.641 | 5.302 | 0.0 | 50.957 | 6.419 | 0.0 | 44.639 | 5.729 | 0.0 | 44.673 | 6.571 |
| 56 | 15112 | 15113 | SN | 1 | 0.0 | 48.995 | 4.858 | 0.0 | 54.425 | 5.934 | 0.0 | 43.678 | 4.028 | 0.0 | 45.448 | 4.893 | 0.0 | 49.695 | 4.939 | 0.0 | 56.865 | 5.69 | 0.0 | 46.06 | 3.837 | 0.0 | 47.14 | 4.287 |
| 57 | 15112 | 15113 | SN | 1 | 0.0 | 48.995 | 4.868 | 0.0 | 54.425 | 5.945 | 0.0 | 43.678 | 4.036 | 0.0 | 45.448 | 4.879 | 0.0 | 49.695 | 4.939 | 0.0 | 56.865 | 5.7 | 0.0 | 46.06 | 3.844 | 0.0 | 47.14 | 4.287 |
| 58 | 15112 | 15113 | SN | 1 | 0.0 | 48.949 | 1.271 | 0.0 | 45.819 | 1.64 | 0.0 | 43.019 | 1.081 | 0.0 | 40.44 | 1.264 | 0.0 | 48.079 | 1.261 | 0.0 | 47.072 | 1.508 | 0.0 | 41.638 | 0.996 | 0.0 | 40.846 | 1.105 |
| 59 | 15112 | 15113 | SN | 1 | 0.0 | 48.949 | 1.246 | 0.0 | 45.819 | 1.61 | 0.0 | 43.019 | 1.074 | 0.0 | 40.44 | 1.265 | 0.0 | 48.079 | 1.237 | 0.0 | 47.072 | 1.488 | 0.0 | 41.638 | 1.001 | 0.0 | 40.846 | 1.076 |
| 60 | 15112 | 15113 | NS | 1 | 0.0 | 51.781 | 1.477 | 0.0 | 45.887 | 2.107 | 0.0 | 37.114 | 1.671 | 0.0 | 43.361 | 2.155 | 0.0 | 52.041 | 1.493 | 0.0 | 46.102 | 2.1 | 0.0 | 35.996 | 1.665 | 0.0 | 41.112 | 2.102 |
| 61 | 15112 | 15113 | SN | 1 | 0.0 | 49.252 | 4.964 | 0.0 | 54.425 | 5.924 | 0.0 | 43.678 | 4.009 | 0.0 | 45.448 | 4.909 | 0.0 | 49.695 | 5.052 | 0.0 | 56.865 | 5.649 | 0.0 | 46.06 | 3.824 | 0.0 | 47.14 | 4.262 |
| 62 | 15112 | 15113 | NS | 1 | 0.0 | 51.781 | 1.481 | 0.0 | 45.886 | 2.109 | 0.0 | 37.764 | 1.671 | 0.0 | 46.087 | 2.185 | 0.0 | 52.041 | 1.506 | 0.0 | 46.102 | 2.096 | 0.0 | 36.078 | 1.678 | 0.0 | 40.592 | 2.113 |
| 63 | 15112 | 15113 | SN | 1 | 0.0 | 48.949 | 1.246 | 0.0 | 45.819 | 1.617 | 0.0 | 43.019 | 1.078 | 0.0 | 40.44 | 1.268 | 0.0 | 48.079 | 1.239 | 0.0 | 47.072 | 1.492 | 0.0 | 41.638 | 1.0 | 0.0 | 40.846 | 1.08 |
| 64 | 15112 | 15113 | NS | 1 | 0.0 | 56.068 | 5.251 | 0.0 | 51.486 | 6.53 | 0.0 | 43.646 | 5.494 | 0.0 | 45.261 | 6.692 | 0.0 | 56.641 | 5.332 | 0.0 | 51.041 | 6.439 | 0.0 | 44.45 | 5.708 | 0.0 | 45.029 | 6.579 |
| 65 | 15113 | 15114 | SN | 1 | 0.0 | 45.847 | 3.158 | 0.0 | 51.679 | 3.752 | 0.0 | 46.883 | 3.085 | 0.0 | 46.432 | 3.472 | 0.0 | 46.073 | 3.26 | 0.0 | 51.656 | 3.628 | 0.0 | 45.933 | 2.927 | 0.0 | 44.768 | 3.084 |
| 66 | 15113 | 15114 | SN | 1 | 0.0 | 47.231 | 0.836 | 0.0 | 39.713 | 1.17 | 0.0 | 45.729 | 0.811 | 0.0 | 40.117 | 1.037 | 0.0 | 48.364 | 0.824 | 0.0 | 37.33 | 1.037 | 0.0 | 42.115 | 0.782 | 0.0 | 39.829 | 0.883 |
| 67 | 15113 | 15114 | SN | 1 | 0.0 | 47.33 | 0.878 | 0.0 | 40.586 | 1.28 | 0.0 | 46.385 | 0.806 | 0.0 | 41.357 | 1.082 | 0.0 | 48.462 | 0.876 | 0.0 | 38.45 | 1.124 | 0.0 | 42.77 | 0.748 | 0.0 | 41.07 | 0.934 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 15113 | 15114 | NS | 1 | 0.0 | 46.178 | 1.966 | 0.0 | 47.037 | 2.541 | 0.0 | 40.203 | 1.973 | 0.0 | 44.704 | 2.436 | 0.0 | 45.736 | 1.953 | 0.0 | 46.064 | 2.536 | 0.0 | 37.696 | 2.007 | 0.0 | 43.058 | 2.44 |
| 69 | 15113 | 15114 | SN | 1 | 0.0 | 46.467 | 3.416 | 0.0 | 51.679 | 4.54 | 0.0 | 41.266 | 3.061 | 0.0 | 46.432 | 3.738 | 0.0 | 46.073 | 3.538 | 0.0 | 51.656 | 4.357 | 0.0 | 43.104 | 2.898 | 0.0 | 44.768 | 3.374 |
| 70 | 15113 | 15114 | NS | 1 | 0.0 | 52.06 | 1.986 | 0.0 | 47.374 | 2.561 | 0.0 | 40.304 | 1.987 | 0.0 | 44.928 | 2.374 | 0.0 | 51.619 | 2.029 | 0.0 | 48.433 | 2.572 | 0.0 | 37.798 | 2.046 | 0.0 | 43.28 | 2.383 |
| 71 | 15113 | 15114 | SN | 1 | 0.0 | 47.231 | 0.864 | 0.0 | 40.603 | 1.276 | 0.0 | 45.729 | 0.806 | 0.0 | 41.75 | 1.077 | 0.0 | 48.364 | 0.855 | 0.0 | 38.466 | 1.131 | 0.0 | 42.115 | 0.765 | 0.0 | 39.829 | 0.942 |
| 72 | 15113 | 15114 | NS | 1 | 0.0 | 54.25 | 6.841 | 0.0 | 52.579 | 8.247 | 0.0 | 45.273 | 6.444 | 0.0 | 44.083 | 7.185 | 0.0 | 53.786 | 7.013 | 0.0 | 54.214 | 8.196 | 0.0 | 45.734 | 6.771 | 0.0 | 44.733 | 7.398 |
| 73 | 15113 | 15114 | NS | 1 | 0.0 | 50.961 | 6.811 | 0.0 | 52.405 | 8.186 | 0.0 | 45.903 | 6.437 | 0.0 | 43.907 | 7.206 | 0.0 | 51.425 | 7.044 | 0.0 | 54.041 | 8.115 | 0.0 | 46.364 | 6.721 | 0.0 | 44.683 | 7.476 |
| 74 | 15113 | 15114 | SN | 1 | 0.0 | 48.666 | 3.457 | 0.0 | 51.673 | 4.581 | 0.0 | 41.285 | 3.054 | 0.0 | 46.528 | 3.681 | 0.0 | 47.194 | 3.558 | 0.0 | 51.465 | 4.367 | 0.0 | 43.113 | 2.905 | 0.0 | 44.864 | 3.339 |
| 75 | 15114 | 15115 | NS | 1 | 0.0 | 48.744 | 2.251 | 0.0 | 52.875 | 2.755 | 0.0 | 40.777 | 2.152 | 0.0 | 43.859 | 2.757 | 0.0 | 50.474 | 2.273 | 0.0 | 51.253 | 2.62 | 0.0 | 41.515 | 2.124 | 0.0 | 45.521 | 2.597 |
| 76 | 15114 | 15115 | SN | 1 | 0.0 | 46.04 | 1.358 | 0.0 | 41.34 | 2.179 | 0.0 | 42.745 | 1.47 | 0.0 | 38.81 | 1.947 | 0.0 | 46.45 | 1.419 | 0.0 | 43.969 | 1.934 | 0.0 | 42.218 | 1.364 | 0.0 | 40.667 | 1.577 |
| 77 | 15114 | 15115 | SN | 1 | 0.0 | 42.813 | 0.379 | 0.0 | 47.626 | 0.679 | 0.0 | 36.556 | 0.471 | 0.0 | 35.368 | 0.648 | 0.0 | 41.267 | 0.357 | 0.0 | 43.838 | 0.588 | 0.0 | 35.012 | 0.443 | 0.0 | 35.633 | 0.483 |
| 78 | 15114 | 15115 | NS | 1 | 0.0 | 54.117 | 7.429 | 0.0 | 53.209 | 8.846 | 0.0 | 44.133 | 7.461 | 0.0 | 45.437 | 9.047 | 0.0 | 54.276 | 7.52 | 0.0 | 52.752 | 8.622 | 0.0 | 44.933 | 7.482 | 0.0 | 48.383 | 8.535 |
| 79 | 15114 | 15115 | NS | 1 | 0.0 | 54.12 | 7.449 | 0.0 | 56.165 | 8.896 | 0.0 | 44.244 | 7.397 | 0.0 | 45.437 | 9.054 | 0.0 | 54.276 | 7.601 | 0.0 | 55.709 | 8.714 | 0.0 | 44.933 | 7.432 | 0.0 | 48.534 | 8.535 |
| 80 | 15114 | 15115 | NS | 1 | 0.0 | 47.467 | 2.262 | 0.0 | 49.934 | 2.755 | 0.0 | 39.701 | 2.163 | 0.0 | 43.246 | 2.759 | 0.0 | 49.192 | 2.239 | 0.0 | 50.088 | 2.649 | 0.0 | 39.688 | 2.122 | 0.0 | 40.363 | 2.622 |
| 81 | 15115 | 15116 | SN | 1 | 0.0 | 40.986 | 0.743 | 0.0 | 45.024 | 0.957 | 0.0 | 44.543 | 0.79 | 0.0 | 42.886 | 1.072 | 0.0 | 40.304 | 0.749 | 0.0 | 42.366 | 0.864 | 0.0 | 43.081 | 0.73 | 0.0 | 42.029 | 0.876 |
| 82 | 15115 | 15116 | SN | 1 | 0.0 | 49.024 | 3.214 | 0.0 | 48.082 | 3.564 | 0.0 | 41.164 | 2.678 | 0.0 | 46.797 | 3.647 | 0.0 | 49.454 | 3.245 | 0.0 | 49.988 | 3.269 | 0.0 | 40.767 | 2.55 | 0.0 | 45.891 | 3.254 |
| 83 | 15115 | 15116 | NS | 1 | 0.0 | 55.349 | 6.921 | 0.0 | 49.523 | 8.626 | 0.0 | 47.437 | 6.029 | 0.0 | 48.005 | 7.147 | 0.0 | 56.431 | 6.911 | 0.0 | 51.211 | 8.403 | 0.0 | 47.823 | 6.001 | 0.0 | 46.621 | 6.927 |
| 84 | 15115 | 15116 | NS | 1 | 0.0 | 52.796 | 1.938 | 0.0 | 47.402 | 2.434 | 0.0 | 41.784 | 1.703 | 0.0 | 54.224 | 2.288 | 0.0 | 54.726 | 1.952 | 0.0 | 47.174 | 2.353 | 0.0 | 42.479 | 1.676 | 0.0 | 52.91 | 2.102 |
| 85 | 15116 | 15117 | SN | 1 | 0.0 | 51.356 | 6.195 | 0.0 | 50.624 | 7.699 | 0.0 | 42.167 | 5.541 | 0.0 | 47.278 | 6.572 | 0.0 | 50.978 | 6.287 | 0.0 | 54.117 | 7.617 | 0.0 | 42.804 | 5.491 | 0.0 | 48.022 | 6.03 |
| 86 | 15116 | 15117 | NS | 1 | 0.0 | 46.238 | 4.184 | 0.0 | 44.634 | 5.787 | 0.0 | 42.736 | 4.71 | 0.0 | 49.634 | 6.025 | 0.0 | 48.535 | 4.225 | 0.0 | 46.09 | 5.498 | 0.0 | 43.977 | 4.638 | 0.0 | 48.978 | 5.094 |
| 87 | 15116 | 15117 | NS | 1 | 0.0 | 44.563 | 1.212 | 0.0 | 44.009 | 1.8 | 0.0 | 40.957 | 1.411 | 0.0 | 41.712 | 2.045 | 0.0 | 43.108 | 1.225 | 0.0 | 43.259 | 1.649 | 0.0 | 39.749 | 1.402 | 0.0 | 45.856 | 1.748 |
| 88 | 15116 | 15117 | NS | 1 | 0.0 | 44.563 | 1.239 | 0.0 | 44.009 | 1.816 | 0.0 | 40.957 | 1.386 | 0.0 | 41.712 | 2.077 | 0.0 | 43.108 | 1.26 | 0.0 | 43.259 | 1.665 | 0.0 | 39.749 | 1.361 | 0.0 | 45.856 | 1.775 |
| 89 | 15117 | 15118 | SN | 1 | 0.0 | 44.478 | 1.967 | 0.0 | 47.426 | 2.708 | 0.0 | 38.791 | 1.743 | 0.0 | 46.774 | 2.369 | 0.0 | 44.301 | 1.986 | 0.0 | 46.327 | 2.628 | 0.0 | 39.266 | 1.828 | 0.0 | 44.167 | 2.287 |
| 90 | 15117 | 15118 | SN | 1 | 0.0 | 48.223 | 4.405 | 0.0 | 56.892 | 5.768 | 0.0 | 48.768 | 4.633 | 0.0 | 50.066 | 5.932 | 0.0 | 48.275 | 4.538 | 0.0 | 56.818 | 5.532 | 0.0 | 47.024 | 4.468 | 0.0 | 47.872 | 5.55 |
| 91 | 15117 | 15118 | NS | 1 | 0.0 | 53.652 | 5.543 | 0.0 | 50.321 | 7.098 | 0.0 | 48.045 | 5.532 | 0.0 | 43.802 | 7.275 | 0.0 | 55.627 | 5.675 | 0.0 | 51.045 | 6.855 | 0.0 | 49.542 | 5.724 | 0.0 | 45.849 | 6.87 |
| 92 | 15117 | 15118 | NS | 1 | 0.0 | 40.222 | 1.57 | 0.0 | 48.214 | 2.211 | 0.0 | 42.126 | 1.843 | 0.0 | 41.573 | 2.458 | 0.0 | 40.29 | 1.586 | 0.0 | 50.302 | 2.087 | 0.0 | 42.359 | 1.769 | 0.0 | 46.362 | 2.297 |
| 93 | 15117 | 15118 | NS | 1 | 0.0 | 53.652 | 5.705 | 0.0 | 50.321 | 7.093 | 0.0 | 48.045 | 5.634 | 0.0 | 43.802 | 7.282 | 0.0 | 55.627 | 5.83 | 0.0 | 51.045 | 6.859 | 0.0 | 49.542 | 5.839 | 0.0 | 45.849 | 6.863 |
| 94 | 15117 | 15118 | SN | 1 | 0.0 | 50.322 | 6.452 | 0.0 | 51.498 | 8.835 | 0.0 | 46.642 | 6.177 | 0.0 | 48.073 | 8.224 | 0.0 | 52.336 | 6.831 | 0.0 | 51.928 | 8.472 | 0.0 | 45.631 | 6.25 | 0.0 | 46.217 | 7.895 |
| 95 | 15117 | 15118 | SN | 1 | 0.0 | 44.162 | 1.228 | 0.0 | 46.97 | 1.788 | 0.0 | 43.461 | 1.225 | 0.0 | 44.062 | 1.68 | 0.0 | 44.862 | 1.237 | 0.0 | 47.734 | 1.671 | 0.0 | 40.078 | 1.221 | 0.0 | 42.761 | 1.655 |
| 96 | 15117 | 15118 | SN | 1 | 0.0 | 49.903 | 1.612 | 0.0 | 44.81 | 3.839 | 0.0 | 44.892 | 1.433 | 0.0 | 34.156 | 3.048 | 0.0 | 50.347 | 1.644 | 0.0 | 44.631 | 3.768 | 0.0 | 43.225 | 1.368 | 0.0 | 34.471 | 3.048 |
| 97 | 15117 | 15118 | SN | 1 | 0.0 | 47.394 | 5.638 | 0.0 | 46.308 | 9.767 | 0.0 | 42.62 | 5.291 | 0.0 | 43.8 | 9.705 | 0.0 | 49.279 | 5.766 | 0.0 | 46.608 | 9.442 | 0.0 | 44.141 | 5.236 | 0.0 | 40.968 | 9.283 |
| 98 | 15118 | 15119 | SN | 1 | 0.0 | 48.33 | 5.687 | 0.0 | 44.148 | 6.852 | 0.0 | 47.665 | 5.645 | 0.0 | 46.707 | 7.02 | 0.0 | 48.927 | 5.819 | 0.0 | 46.26 | 6.72 | 0.0 | 47.708 | 5.794 | 0.0 | 43.924 | 6.977 |
| 99 | 15118 | 15119 | NS | 1 | 0.0 | 51.667 | 4.196 | 0.0 | 47.929 | 5.092 | 0.0 | 37.937 | 4.404 | 0.0 | 41.19 | 6.176 | 0.0 | 53.324 | 4.307 | 0.0 | 45.875 | 4.635 | 0.0 | 37.958 | 4.376 | 0.0 | 41.16 | 5.366 |
| 100 | 15118 | 15119 | NS | 1 | 0.0 | 51.667 | 4.216 | 0.0 | 47.929 | 5.072 | 0.0 | 36.885 | 4.397 | 0.0 | 41.19 | 6.176 | 0.0 | 53.324 | 4.328 | 0.0 | 45.875 | 4.635 | 0.0 | 36.884 | 4.397 | 0.0 | 41.16 | 5.359 |
| 101 | 15118 | 15119 | SN | 1 | 0.0 | 47.321 | 1.471 | 0.0 | 43.659 | 2.137 | 0.0 | 42.331 | 1.885 | 0.0 | 42.266 | 2.489 | 0.0 | 47.034 | 1.496 | 0.0 | 43.493 | 2.002 | 0.0 | 45.526 | 1.972 | 0.0 | 44.644 | 2.304 |
| 102 | 15118 | 15119 | NS | 1 | 0.0 | 42.007 | 1.415 | 0.0 | 44.452 | 1.796 | 0.0 | 41.494 | 1.482 | 0.0 | 38.864 | 2.183 | 0.0 | 41.583 | 1.388 | 0.0 | 44.718 | 1.6 | 0.0 | 41.222 | 1.388 | 0.0 | 38.272 | 1.846 |
| 103 | 15119 | 15120 | SN | 1 | 0.0 | 44.948 | 8.633 | 0.0 | 54.32 | 9.835 | 0.0 | 45.154 | 6.906 | 0.0 | 45.688 | 8.881 | 0.0 | 46.914 | 8.704 | 0.0 | 55.824 | 9.662 | 0.0 | 43.573 | 7.432 | 0.0 | 43.519 | 8.953 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104 | 15119 | 15120 | NS | 1 | 0.0 | 50.66 | 10.337 | 0.0 | 48.732 | 13.084 | 0.0 | 42.482 | 8.489 | 0.0 | 43.041 | 10.213 | 0.0 | 51.449 | 10.591 | 0.0 | 48.488 | 13.308 | 0.0 | 42.261 | 9.207 | 0.0 | 43.217 | 11.109 |
| 105 | 15119 | 15120 | SN | 1 | 0.0 | 48.235 | 7.392 | 0.0 | 47.768 | 9.509 | 0.0 | 48.064 | 6.246 | 0.0 | 44.733 | 8.876 | 0.0 | 48.637 | 7.56 | 0.0 | 51.36 | 9.464 | 0.0 | 46.624 | 6.647 | 0.0 | 43.099 | 9.144 |
| 106 | 15119 | 15120 | NS | 1 | 0.0 | 49.153 | 10.358 | 0.0 | 48.732 | 13.206 | 0.0 | 41.334 | 8.489 | 0.0 | 44.933 | 10.327 | 0.0 | 48.928 | 10.642 | 0.0 | 48.488 | 13.297 | 0.0 | 42.408 | 9.228 | 0.0 | 44.006 | 11.031 |
| 107 | 15119 | 15120 | NS | 1 | 0.0 | 47.971 | 2.844 | 0.0 | 48.512 | 3.768 | 0.0 | 38.35 | 2.714 | 0.0 | 46.221 | 3.469 | 0.0 | 48.157 | 2.941 | 0.0 | 50.242 | 3.766 | 0.0 | 37.059 | 2.868 | 0.0 | 42.356 | 3.758 |
| 108 | 15119 | 15120 | SN | 1 | 0.0 | 43.956 | 1.923 | 0.0 | 41.599 | 3.014 | 0.0 | 38.844 | 2.034 | 0.0 | 41.347 | 3.001 | 0.0 | 44.212 | 1.958 | 0.0 | 45.893 | 2.901 | 0.0 | 39.913 | 2.032 | 0.0 | 39.24 | 2.877 |
| 109 | 15119 | 15120 | NS | 1 | 0.0 | 48.15 | 2.833 | 0.0 | 47.021 | 3.735 | 0.0 | 39.845 | 2.661 | 0.0 | 45.496 | 3.496 | 0.0 | 48.273 | 2.912 | 0.0 | 46.639 | 3.802 | 0.0 | 38.18 | 2.831 | 0.0 | 41.631 | 3.756 |
| 110 | 15119 | 15120 | SN | 1 | 0.0 | 45.061 | 2.028 | 0.0 | 43.251 | 3.048 | 0.0 | 36.803 | 2.119 | 0.0 | 47.351 | 2.851 | 0.0 | 44.435 | 2.061 | 0.0 | 43.802 | 2.883 | 0.0 | 37.518 | 2.159 | 0.0 | 44.796 | 2.736 |
| 111 | 15120 | 15121 | SN | 1 | 0.0 | 51.056 | 4.563 | 0.0 | 50.225 | 5.244 | 0.0 | 43.362 | 4.958 | 0.0 | 43.656 | 5.959 | 0.0 | 51.359 | 4.573 | 0.0 | 49.229 | 5.081 | 0.0 | 45.776 | 4.923 | 0.0 | 42.369 | 5.63 |
| 112 | 15120 | 15121 | NS | 1 | 0.0 | 54.371 | 7.533 | 0.0 | 50.315 | 7.815 | 0.0 | 46.705 | 6.082 | 0.0 | 48.676 | 6.968 | 0.0 | 54.889 | 7.655 | 0.0 | 51.292 | 7.642 | 0.0 | 45.922 | 6.082 | 0.0 | 50.386 | 6.727 |
| 113 | 15120 | 15121 | SN | 1 | 0.0 | 53.591 | 4.543 | 0.0 | 51.346 | 5.214 | 0.0 | 43.143 | 5.101 | 0.0 | 46.509 | 5.866 | 0.0 | 53.834 | 4.512 | 0.0 | 52.685 | 5.081 | 0.0 | 42.689 | 5.015 | 0.0 | 47.849 | 5.688 |
| 114 | 15120 | 15121 | NS | 1 | 0.0 | 54.824 | 2.081 | 0.0 | 52.764 | 2.373 | 0.0 | 44.294 | 1.691 | 0.0 | 46.86 | 2.207 | 0.0 | 55.878 | 2.137 | 0.0 | 50.499 | 2.276 | 0.0 | 47.572 | 1.679 | 0.0 | 45.327 | 2.017 |
| 115 | 15120 | 15121 | SN | 1 | 0.0 | 46.313 | 1.345 | 0.0 | 49.34 | 1.704 | 0.0 | 41.599 | 1.319 | 0.0 | 46.449 | 1.708 | 0.0 | 46.796 | 1.386 | 0.0 | 48.542 | 1.641 | 0.0 | 40.819 | 1.285 | 0.0 | 41.67 | 1.527 |
| 116 | 15120 | 15121 | SN | 1 | 0.0 | 43.71 | 1.345 | 0.0 | 48.401 | 1.697 | 0.0 | 44.84 | 1.34 | 0.0 | 41.687 | 1.72 | 0.0 | 45.094 | 1.388 | 0.0 | 48.55 | 1.625 | 0.0 | 43.769 | 1.26 | 0.0 | 40.149 | 1.537 |
| 117 | 15120 | 15121 | SN | 1 | 0.0 | 46.65 | 1.366 | 0.0 | 47.275 | 1.759 | 0.0 | 44.84 | 1.245 | 0.0 | 41.687 | 1.711 | 0.0 | 48.794 | 1.407 | 0.0 | 48.55 | 1.681 | 0.0 | 43.769 | 1.191 | 0.0 | 40.795 | 1.584 |
| 118 | 15120 | 15121 | SN | 1 | 0.0 | 51.056 | 4.55 | 0.0 | 50.225 | 5.447 | 0.0 | 44.323 | 4.757 | 0.0 | 45.901 | 6.054 | 0.0 | 51.359 | 4.582 | 0.0 | 49.229 | 5.276 | 0.0 | 41.003 | 4.667 | 0.0 | 43.877 | 5.732 |
| 119 | 15121 | 15122 | SN | 1 | 0.0 | 49.54 | 4.046 | 0.0 | 49.64 | 5.55 | 0.0 | 49.236 | 4.426 | 0.0 | 46.639 | 5.723 | 0.0 | 49.933 | 4.076 | 0.0 | 48.38 | 5.316 | 0.0 | 49.071 | 4.362 | 0.0 | 47.849 | 5.481 |
| 120 | 15121 | 15122 | SN | 1 | 0.0 | 49.023 | 3.974 | 0.0 | 47.149 | 5.611 | 0.0 | 50.129 | 4.415 | 0.0 | 45.341 | 5.754 | 0.0 | 49.64 | 3.984 | 0.0 | 48.537 | 5.456 | 0.0 | 49.962 | 4.393 | 0.0 | 45.199 | 5.516 |
| 121 | 15121 | 15122 | SN | 1 | 0.0 | 49.023 | 4.015 | 0.0 | 47.149 | 5.55 | 0.0 | 50.129 | 4.411 | 0.0 | 45.341 | 5.695 | 0.0 | 49.64 | 4.015 | 0.0 | 48.537 | 5.397 | 0.0 | 49.962 | 4.397 | 0.0 | 45.199 | 5.445 |
| 122 | 15121 | 15122 | SN | 1 | 0.0 | 56.275 | 1.185 | 0.0 | 49.654 | 1.9 | 0.0 | 43.598 | 1.411 | 0.0 | 41.466 | 1.925 | 0.0 | 54.889 | 1.205 | 0.0 | 47.862 | 1.763 | 0.0 | 40.355 | 1.353 | 0.0 | 41.39 | 1.711 |
| 123 | 15121 | 15122 | SN | 1 | 0.0 | 56.275 | 1.185 | 0.0 | 49.654 | 1.874 | 0.0 | 43.598 | 1.407 | 0.0 | 41.466 | 1.909 | 0.0 | 54.889 | 1.205 | 0.0 | 47.862 | 1.74 | 0.0 | 40.355 | 1.35 | 0.0 | 41.39 | 1.694 |
| 124 | 15121 | 15122 | SN | 1 | 0.0 | 56.275 | 1.183 | 0.0 | 49.281 | 1.883 | 0.0 | 40.641 | 1.439 | 0.0 | 43.813 | 1.966 | 0.0 | 54.891 | 1.208 | 0.0 | 47.488 | 1.724 | 0.0 | 40.363 | 1.402 | 0.0 | 41.254 | 1.719 |
| 125 | 15121 | 15122 | NS | 1 | 0.0 | 44.755 | 0.546 | 0.0 | 48.078 | 0.683 | 0.0 | 43.378 | 0.624 | 0.0 | 42.815 | 0.809 | 0.0 | 45.353 | 0.535 | 0.0 | 48.936 | 0.589 | 0.0 | 40.607 | 0.569 | 0.0 | 40.965 | 0.583 |
| 126 | 15121 | 15122 | NS | 1 | 0.0 | 43.864 | 0.56 | 0.0 | 49.516 | 0.697 | 0.0 | 42.437 | 0.626 | 0.0 | 38.97 | 0.864 | 0.0 | 43.701 | 0.548 | 0.0 | 48.462 | 0.62 | 0.0 | 45.433 | 0.542 | 0.0 | 40.19 | 0.641 |
| 127 | 15122 | 15123 | SN | 1 | 0.0 | 42.133 | 0.976 | 0.0 | 41.647 | 1.299 | 0.0 | 40.018 | 0.909 | 0.0 | 39.274 | 1.533 | 0.0 | 42.273 | 0.963 | 0.0 | 39.932 | 1.18 | 0.0 | 37.416 | 0.847 | 0.0 | 36.549 | 1.333 |
| 128 | 15122 | 15123 | SN | 1 | 0.0 | 50.329 | 3.19 | 0.0 | 53.817 | 3.774 | 0.0 | 43.158 | 3.097 | 0.0 | 42.86 | 4.518 | 0.0 | 52.865 | 3.293 | 0.0 | 54.771 | 3.466 | 0.0 | 42.586 | 3.004 | 0.0 | 41.044 | 4.345 |
| 129 | 15122 | 15123 | NS | 1 | 0.0 | 41.554 | 0.316 | 0.0 | 39.144 | 0.566 | 0.0 | 35.332 | 0.429 | 0.0 | 39.455 | 0.785 | 0.0 | 40.002 | 0.309 | 0.0 | 36.036 | 0.478 | 0.0 | 34.127 | 0.381 | 0.0 | 38.316 | 0.579 |
| 130 | 15122 | 15123 | NS | 1 | 0.0 | 41.554 | 0.316 | 0.0 | 39.144 | 0.568 | 0.0 | 37.631 | 0.424 | 0.0 | 39.455 | 0.783 | 0.0 | 40.002 | 0.309 | 0.0 | 36.036 | 0.476 | 0.0 | 36.843 | 0.378 | 0.0 | 38.316 | 0.577 |
| 131 | 15122 | 15123 | SN | 1 | 0.0 | 50.329 | 3.193 | 0.0 | 53.817 | 3.774 | 0.0 | 43.158 | 3.094 | 0.0 | 42.86 | 4.518 | 0.0 | 52.865 | 3.296 | 0.0 | 54.771 | 3.466 | 0.0 | 42.586 | 3.001 | 0.0 | 41.044 | 4.345 |
| 132 | 15122 | 15123 | SN | 1 | 0.0 | 42.133 | 0.963 | 0.0 | 41.647 | 1.285 | 0.0 | 40.018 | 0.902 | 0.0 | 39.274 | 1.522 | 0.0 | 42.273 | 0.95 | 0.0 | 39.932 | 1.167 | 0.0 | 37.416 | 0.841 | 0.0 | 36.735 | 1.323 |
| 133 | 15122 | 15123 | SN | 1 | 0.0 | 50.329 | 3.172 | 0.0 | 53.817 | 3.736 | 0.0 | 43.158 | 3.067 | 0.0 | 42.86 | 4.479 | 0.0 | 52.865 | 3.274 | 0.0 | 54.771 | 3.43 | 0.0 | 42.586 | 2.975 | 0.0 | 41.044 | 4.294 |
| 134 | 15122 | 15123 | SN | 1 | 0.0 | 42.133 | 0.975 | 0.0 | 41.647 | 1.299 | 0.0 | 40.018 | 0.908 | 0.0 | 39.274 | 1.531 | 0.0 | 42.273 | 0.962 | 0.0 | 39.932 | 1.18 | 0.0 | 37.416 | 0.847 | 0.0 | 36.549 | 1.333 |
| 135 | 15123 | 15124 | SN | 1 | 0.0 | 37.442 | 1.343 | 0.0 | 46.685 | 1.803 | 0.0 | 38.581 | 1.646 | 0.0 | 38.881 | 2.253 | 0.0 | 36.797 | 1.343 | 0.0 | 42.848 | 1.711 | 0.0 | 39.515 | 1.586 | 0.0 | 36.507 | 2.056 |
| 136 | 15123 | 15124 | NS | 1 | 0.0 | 49.066 | 0.894 | 0.0 | 46.412 | 0.988 | 0.0 | 39.328 | 0.927 | 0.0 | 45.658 | 1.16 | 0.0 | 48.941 | 0.867 | 0.0 | 47.966 | 0.837 | 0.0 | 38.35 | 0.833 | 0.0 | 44.493 | 0.912 |
| 137 | 15123 | 15124 | SN | 1 | 0.0 | 49.11 | 5.364 | 0.0 | 49.473 | 7.217 | 0.0 | 38.601 | 4.625 | 0.0 | 39.498 | 6.234 | 0.0 | 49.682 | 5.506 | 0.0 | 48.551 | 6.84 | 0.0 | 39.151 | 4.497 | 0.0 | 39.335 | 5.749 |
| 138 | 15123 | 15124 | SN | 1 | 0.0 | 49.11 | 5.364 | 0.0 | 49.473 | 7.217 | 0.0 | 38.601 | 4.617 | 0.0 | 39.498 | 6.234 | 0.0 | 49.682 | 5.506 | 0.0 | 48.551 | 6.84 | 0.0 | 39.151 | 4.49 | 0.0 | 39.335 | 5.756 |
| 139 | 15123 | 15124 | SN | 1 | 0.0 | 40.561 | 1.312 | 0.0 | 46.685 | 1.816 | 0.0 | 38.7 | 1.629 | 0.0 | 38.881 | 2.286 | 0.0 | 39.892 | 1.296 | 0.0 | 43.801 | 1.723 | 0.0 | 39.515 | 1.556 | 0.0 | 36.507 | 2.088 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 15123 | 15124 | SN | 1 | 0.0 | 48.652 | 5.457 | 0.0 | 49.473 | 7.11 | 0.0 | 39.105 | 4.734 | 0.0 | 37.898 | 6.144 | 0.0 | 50.669 | 5.601 | 0.0 | 48.815 | 6.736 | 0.0 | 40.72 | 4.669 | 0.0 | 36.216 | 5.643 |
| 141 | 15123 | 15124 | SN | 1 | 0.0 | 40.561 | 1.312 | 0.0 | 46.685 | 1.811 | 0.0 | 38.581 | 1.629 | 0.0 | 38.881 | 2.282 | 0.0 | 39.892 | 1.296 | 0.0 | 43.801 | 1.719 | 0.0 | 39.515 | 1.556 | 0.0 | 36.507 | 2.085 |
| 142 | 15124 | 15125 | SN | 1 | 0.0 | 43.152 | 5.939 | 0.0 | 42.252 | 7.856 | 0.0 | 45.802 | 6.333 | 0.0 | 39.254 | 7.951 | 0.0 | 44.435 | 6.116 | 0.0 | 44.505 | 7.594 | 0.0 | 46.128 | 6.538 | 0.0 | 40.591 | 7.599 |
| 143 | 15124 | 15125 | SN | 1 | 0.0 | 41.927 | 1.673 | 0.0 | 38.042 | 2.264 | 0.0 | 34.985 | 2.051 | 0.0 | 38.522 | 2.782 | 0.0 | 41.4 | 1.689 | 0.0 | 39.753 | 2.127 | 0.0 | 35.13 | 2.016 | 0.0 | 36.725 | 2.603 |
| 144 | 15124 | 15125 | SN | 1 | 0.0 | 42.505 | 5.849 | 0.0 | 46.3 | 7.819 | 0.0 | 41.073 | 6.198 | 0.0 | 41.156 | 7.812 | 0.0 | 43.791 | 6.082 | 0.0 | 47.367 | 7.616 | 0.0 | 41.914 | 6.389 | 0.0 | 39.002 | 7.47 |
| 145 | 15124 | 15125 | SN | 1 | 0.0 | 41.927 | 1.62 | 0.0 | 38.763 | 2.26 | 0.0 | 40.507 | 2.006 | 0.0 | 38.865 | 2.766 | 0.0 | 41.299 | 1.607 | 0.0 | 40.474 | 2.14 | 0.0 | 40.248 | 1.967 | 0.0 | 38.995 | 2.526 |
| 146 | 15124 | 15125 | NS | 1 | 0.0 | 46.356 | 0.953 | 0.0 | 48.186 | 1.162 | 0.0 | 38.83 | 0.725 | 0.0 | 42.44 | 0.875 | 0.0 | 46.862 | 0.957 | 0.0 | 47.208 | 1.104 | 0.0 | 38.212 | 0.681 | 0.0 | 44.911 | 0.773 |
| 147 | 15125 | 15126 | NS | 1 | 0.0 | 46.608 | 1.593 | 0.0 | 48.964 | 1.977 | 0.0 | 45.151 | 1.547 | 0.0 | 41.741 | 2.026 | 0.0 | 44.579 | 1.631 | 0.0 | 49.849 | 1.887 | 0.0 | 43.875 | 1.54 | 0.0 | 40.479 | 1.808 |
| 148 | 15125 | 15126 | SN | 1 | 0.0 | 46.371 | 10.101 | 0.0 | 43.876 | 11.739 | 0.0 | 38.358 | 7.957 | 0.0 | 40.948 | 9.146 | 0.0 | 45.563 | 10.365 | 0.0 | 45.176 | 11.78 | 0.0 | 39.309 | 8.739 | 0.0 | 41.639 | 10.152 |
| 149 | 15125 | 15126 | SN | 1 | 0.0 | 40.131 | 2.587 | 0.0 | 49.157 | 3.244 | 0.0 | 42.761 | 2.609 | 0.0 | 39.609 | 3.1 | 0.0 | 39.667 | 2.607 | 0.0 | 48.692 | 3.287 | 0.0 | 42.228 | 2.76 | 0.0 | 39.099 | 3.265 |
| 150 | 15125 | 15126 | SN | 1 | 0.0 | 40.131 | 2.58 | 0.0 | 43.271 | 3.241 | 0.0 | 41.681 | 2.613 | 0.0 | 38.52 | 3.097 | 0.0 | 39.667 | 2.605 | 0.0 | 42.555 | 3.287 | 0.0 | 41.149 | 2.762 | 0.0 | 38.936 | 3.258 |
| 151 | 15126 | 15127 | SN | 1 | 0.0 | 47.448 | 5.709 | 0.0 | 49.082 | 7.061 | 0.0 | 45.052 | 5.237 | 0.0 | 52.604 | 6.723 | 0.0 | 49.187 | 5.774 | 0.0 | 51.179 | 6.898 | 0.0 | 44.291 | 5.199 | 0.0 | 49.796 | 6.1 |
| 152 | 15126 | 15127 | NS | 1 | 0.0 | 42.723 | 1.226 | 0.0 | 44.917 | 1.678 | 0.0 | 41.918 | 1.557 | 0.0 | 38.363 | 2.04 | 0.0 | 43.049 | 1.23 | 0.0 | 43.26 | 1.545 | 0.0 | 39.872 | 1.551 | 0.0 | 39.199 | 1.781 |
| 153 | 15126 | 15127 | SN | 1 | 0.0 | 47.77 | 5.677 | 0.0 | 47.725 | 7.137 | 0.0 | 46.77 | 5.237 | 0.0 | 50.356 | 6.701 | 0.0 | 48.555 | 5.763 | 0.0 | 49.823 | 6.952 | 0.0 | 46.011 | 5.154 | 0.0 | 48.681 | 6.191 |
| 154 | 15126 | 15127 | SN | 1 | 0.0 | 39.523 | 1.685 | 0.0 | 55.338 | 2.391 | 0.0 | 47.177 | 1.517 | 0.0 | 48.028 | 2.177 | 0.0 | 39.882 | 1.719 | 0.0 | 56.821 | 2.22 | 0.0 | 47.477 | 1.466 | 0.0 | 46.793 | 1.902 |
| 155 | 15126 | 15127 | NS | 1 | 0.0 | 42.099 | 1.239 | 0.0 | 44.728 | 1.698 | 0.0 | 41.096 | 1.567 | 0.0 | 38.673 | 2.063 | 0.0 | 42.364 | 1.237 | 0.0 | 43.074 | 1.534 | 0.0 | 38.584 | 1.555 | 0.0 | 39.243 | 1.789 |
| 156 | 15126 | 15127 | SN | 1 | 0.0 | 40.019 | 1.685 | 0.0 | 51.467 | 2.391 | 0.0 | 45.239 | 1.483 | 0.0 | 50.273 | 2.183 | 0.0 | 40.366 | 1.707 | 0.0 | 51.516 | 2.258 | 0.0 | 45.539 | 1.426 | 0.0 | 49.04 | 1.925 |
| 157 | 15126 | 15127 | SN | 1 | 0.0 | 39.523 | 1.668 | 0.0 | 55.338 | 2.347 | 0.0 | 47.177 | 1.556 | 0.0 | 44.699 | 2.138 | 0.0 | 39.882 | 1.711 | 0.0 | 56.821 | 2.159 | 0.0 | 47.477 | 1.528 | 0.0 | 43.262 | 1.864 |
| 158 | 15127 | 15128 | SN | 1 | 0.0 | 52.476 | 5.789 | 0.0 | 56.093 | 7.138 | 0.0 | 47.843 | 3.807 | 0.0 | 46.512 | 5.21 | 0.0 | 52.708 | 5.86 | 0.0 | 58.564 | 6.721 | 0.0 | 47.985 | 3.658 | 0.0 | 45.687 | 4.468 |
| 159 | 15127 | 15128 | NS | 1 | 0.0 | 45.661 | 1.499 | 0.0 | 39.527 | 2.15 | 0.0 | 35.17 | 1.867 | 0.0 | 35.886 | 2.389 | 0.0 | 45.725 | 1.54 | 0.0 | 38.45 | 2.134 | 0.0 | 34.874 | 1.874 | 0.0 | 34.831 | 2.405 |
| 160 | 15127 | 15128 | SN | 1 | 0.0 | 49.601 | 1.314 | 0.0 | 56.263 | 1.906 | 0.0 | 44.008 | 0.945 | 0.0 | 43.242 | 1.484 | 0.0 | 49.121 | 1.327 | 0.0 | 54.552 | 1.656 | 0.0 | 42.451 | 0.893 | 0.0 | 41.359 | 1.16 |
| 161 | 15128 | 15129 | NS | 1 | 0.0 | 42.383 | 1.892 | 0.0 | 45.24 | 2.324 | 0.0 | 39.226 | 1.922 | 0.0 | 42.049 | 2.525 | 0.0 | 43.951 | 1.973 | 0.0 | 44.786 | 2.342 | 0.0 | 39.24 | 1.993 | 0.0 | 39.301 | 2.554 |
| 162 | 15128 | 15129 | SN | 1 | 0.0 | 41.836 | 0.587 | 0.0 | 40.38 | 1.033 | 0.0 | 38.85 | 0.602 | 0.0 | 39.221 | 0.856 | 0.0 | 41.29 | 0.564 | 0.0 | 38.143 | 0.945 | 0.0 | 39.96 | 0.565 | 0.0 | 38.413 | 0.668 |
| 163 | 15129 | 15130 | NS | 1 | 0.0 | 43.158 | 2.336 | 0.0 | 53.483 | 2.767 | 0.0 | 47.844 | 1.854 | 0.0 | 42.714 | 2.41 | 0.0 | 43.175 | 2.417 | 0.0 | 52.043 | 2.686 | 0.0 | 48.736 | 1.844 | 0.0 | 40.41 | 2.25 |
| 164 | 15129 | 15130 | NS | 1 | 0.0 | 43.158 | 2.332 | 0.0 | 53.319 | 2.776 | 0.0 | 47.844 | 1.867 | 0.0 | 42.029 | 2.415 | 0.0 | 43.822 | 2.411 | 0.0 | 51.88 | 2.683 | 0.0 | 48.736 | 1.844 | 0.0 | 40.099 | 2.233 |
| 165 | 15129 | 15130 | SN | 1 | 0.0 | 51.226 | 1.985 | 0.0 | 47.286 | 2.701 | 0.0 | 42.671 | 1.824 | 0.0 | 43.384 | 2.818 | 0.0 | 51.181 | 2.016 | 0.0 | 46.671 | 2.488 | 0.0 | 44.524 | 1.746 | 0.0 | 40.725 | 2.469 |
| 166 | 15129 | 15130 | SN | 1 | 0.0 | 45.618 | 0.456 | 0.0 | 43.967 | 0.846 | 0.0 | 35.971 | 0.551 | 0.0 | 40.47 | 0.965 | 0.0 | 45.044 | 0.465 | 0.0 | 42.382 | 0.715 | 0.0 | 38.091 | 0.512 | 0.0 | 36.911 | 0.746 |
| 167 | 15130 | 15131 | SN | 1 | 0.0 | 45.131 | 1.331 | 0.0 | 50.579 | 1.728 | 0.0 | 42.898 | 1.283 | 0.0 | 39.795 | 1.819 | 0.0 | 44.134 | 1.302 | 0.0 | 51.283 | 1.588 | 0.0 | 41.301 | 1.232 | 0.0 | 43.171 | 1.604 |
| 168 | 15130 | 15131 | SN | 1 | 0.0 | 45.118 | 5.212 | 0.0 | 50.178 | 6.455 | 0.0 | 45.579 | 4.715 | 0.0 | 48.287 | 5.729 | 0.0 | 46.213 | 5.273 | 0.0 | 50.828 | 5.997 | 0.0 | 45.558 | 4.63 | 0.0 | 47.974 | 5.408 |
| 169 | 15130 | 15131 | NS | 1 | 0.0 | 47.346 | 1.187 | 0.0 | 50.44 | 1.855 | 0.0 | 44.619 | 1.503 | 0.0 | 46.803 | 1.942 | 0.0 | 49.621 | 1.235 | 0.0 | 52.025 | 1.79 | 0.0 | 42.17 | 1.498 | 0.0 | 45.108 | 1.793 |
| 170 | 15131 | 15132 | SN | 1 | 0.0 | 53.229 | 4.351 | 0.0 | 49.301 | 5.325 | 0.0 | 44.736 | 4.284 | 0.0 | 43.659 | 4.958 | 0.0 | 52.438 | 4.331 | 0.0 | 51.05 | 4.887 | 0.0 | 46.081 | 4.128 | 0.0 | 43.087 | 4.288 |
| 171 | 15131 | 15132 | NS | 1 | 0.0 | 46.336 | 1.402 | 0.0 | 44.509 | 2.092 | 0.0 | 36.557 | 1.46 | 0.0 | 41.382 | 2.268 | 0.0 | 48.275 | 1.404 | 0.0 | 44.37 | 1.924 | 0.0 | 37.627 | 1.433 | 0.0 | 45.006 | 1.951 |
| 172 | 15131 | 15132 | SN | 1 | 0.0 | 43.144 | 1.111 | 0.0 | 46.868 | 1.416 | 0.0 | 41.817 | 1.078 | 0.0 | 44.408 | 1.475 | 0.0 | 43.718 | 1.088 | 0.0 | 49.823 | 1.332 | 0.0 | 43.131 | 1.021 | 0.0 | 45.322 | 1.244 |
| 173 | 15131 | 15132 | NS | 1 | 0.0 | 46.336 | 1.39 | 0.0 | 44.509 | 2.052 | 0.0 | 35.649 | 1.405 | 0.0 | 41.382 | 2.228 | 0.0 | 48.275 | 1.39 | 0.0 | 44.37 | 1.89 | 0.0 | 37.627 | 1.398 | 0.0 | 45.006 | 1.914 |
| 174 | 15131 | 15132 | NS | 1 | 0.0 | 47.962 | 5.055 | 0.0 | 51.319 | 6.965 | 0.0 | 42.304 | 4.572 | 0.0 | 47.805 | 6.452 | 0.0 | 47.192 | 5.035 | 0.0 | 52.202 | 6.541 | 0.0 | 41.796 | 4.572 | 0.0 | 46.695 | 6.032 |
| 175 | 15132 | 15133 | SN | 1 | 0.0 | 46.308 | 5.019 | 0.0 | 49.312 | 5.489 | 0.0 | 48.409 | 5.447 | 0.0 | 44.438 | 6.837 | 0.0 | 46.852 | 5.201 | 0.0 | 48.521 | 5.458 | 0.0 | 49.758 | 5.497 | 0.0 | 46.542 | 6.473 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 176 | 15132 | 15133 | NS | 1 | 0.0 | 43.921 | 1.316 | 0.0 | 45.109 | 1.478 | 0.0 | 40.493 | 1.467 | 0.0 | 40.27 | 1.948 | 0.0 | 44.899 | 1.318 | 0.0 | 47.294 | 1.36 | 0.0 | 39.602 | 1.358 | 0.0 | 36.499 | 1.651 |
| 177 | 15132 | 15133 | SN | 1 | 0.0 | 46.925 | 5.009 | 0.0 | 48.707 | 5.448 | 0.0 | 45.292 | 5.497 | 0.0 | 43.565 | 6.823 | 0.0 | 47.469 | 5.201 | 0.0 | 47.915 | 5.407 | 0.0 | 43.032 | 5.511 | 0.0 | 45.668 | 6.573 |
| 178 | 15132 | 15133 | SN | 1 | 0.0 | 45.723 | 1.42 | 0.0 | 48.542 | 1.702 | 0.0 | 42.431 | 1.737 | 0.0 | 38.695 | 2.192 | 0.0 | 46.882 | 1.438 | 0.0 | 51.488 | 1.636 | 0.0 | 39.491 | 1.756 | 0.0 | 42.202 | 2.071 |
| 179 | 15132 | 15133 | NS | 1 | 0.0 | 43.921 | 1.237 | 0.0 | 45.109 | 1.41 | 0.0 | 40.493 | 1.408 | 0.0 | 40.27 | 1.856 | 0.0 | 44.899 | 1.239 | 0.0 | 47.294 | 1.299 | 0.0 | 39.602 | 1.293 | 0.0 | 36.499 | 1.567 |
| 180 | 15133 | 15134 | NS | 1 | 0.0 | 48.55 | 2.598 | 0.0 | 42.273 | 3.47 | 0.0 | 43.115 | 2.345 | 0.0 | 39.022 | 3.252 | 0.0 | 48.284 | 2.67 | 0.0 | 42.9 | 3.368 | 0.0 | 41.697 | 2.418 | 0.0 | 38.112 | 3.19 |
| 181 | 15133 | 15134 | SN | 1 | 0.0 | 36.85 | 1.729 | 0.0 | 46.521 | 2.014 | 0.0 | 41.022 | 1.994 | 0.0 | 36.896 | 2.284 | 0.0 | 37.06 | 1.724 | 0.0 | 45.663 | 1.915 | 0.0 | 39.296 | 1.937 | 0.0 | 36.424 | 2.153 |
| 182 | 15133 | 15134 | SN | 1 | 0.0 | 47.962 | 5.768 | 0.0 | 48.613 | 6.741 | 0.0 | 40.862 | 5.838 | 0.0 | 46.736 | 6.959 | 0.0 | 46.742 | 6.032 | 0.0 | 49.444 | 6.874 | 0.0 | 42.518 | 6.022 | 0.0 | 45.149 | 7.152 |
| 183 | 15133 | 15134 | NS | 1 | 0.0 | 48.55 | 2.598 | 0.0 | 42.273 | 3.47 | 0.0 | 43.115 | 2.345 | 0.0 | 39.022 | 3.252 | 0.0 | 48.284 | 2.67 | 0.0 | 42.9 | 3.368 | 0.0 | 41.697 | 2.418 | 0.0 | 38.112 | 3.19 |
| 184 | 15134 | 15135 | NS | 1 | 0.0 | 48.441 | 2.106 | 0.0 | 45.765 | 2.561 | 0.0 | 43.659 | 2.27 | 0.0 | 45.14 | 3.032 | 0.0 | 49.758 | 2.136 | 0.0 | 48.021 | 2.529 | 0.0 | 42.647 | 2.302 | 0.0 | 44.569 | 3.131 |
| 185 | 15134 | 15135 | NS | 1 | 0.0 | 48.441 | 2.109 | 0.0 | 45.765 | 2.561 | 0.0 | 43.659 | 2.27 | 0.0 | 45.14 | 3.036 | 0.0 | 49.758 | 2.136 | 0.0 | 48.021 | 2.529 | 0.0 | 42.647 | 2.303 | 0.0 | 44.569 | 3.133 |
| 186 | 15134 | 15135 | NS | 1 | 0.0 | 48.868 | 9.394 | 0.0 | 46.022 | 10.045 | 0.0 | 44.422 | 8.248 | 0.0 | 48.862 | 10.646 | 0.0 | 50.444 | 9.489 | 0.0 | 48.815 | 10.045 | 0.0 | 44.367 | 8.423 | 0.0 | 49.3 | 11.071 |

| 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 | 15106 | 15107 | SN | 1 | 0.0 | 29.538 | 12.879 | 0.0 | 27.349 | 13.509 | 0.0 | 145.033 | 9.601 | 0.0 | 17.416 | 11.492 | 0.0 | 1.417 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.11 | 0.0 |
| 2 | 15106 | 15107 | SN | 1 | 0.0 | 29.538 | 12.86 | 0.0 | 27.354 | 13.733 | 0.0 | 145.033 | 9.507 | 0.0 | 36.52 | 11.92 | 0.0 | 1.417 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.11 | 0.0 |
| 3 | 15106 | 15107 | NS | 1 | 0.0 | 24.222 | 6.449 | 0.0 | 24.702 | 7.555 | 0.0 | 131.216 | 3.146 | 0.0 | 128.108 | 3.862 | 0.0 | 1.434 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.158 | 0.0 |
| 4 | 15106 | 15107 | SN | 1 | 0.0 | 23.29 | 5.694 | 0.0 | 25.584 | 6.896 | 0.0 | 129.939 | 1.942 | 0.0 | 71.656 | 2.834 | 0.0 | 1.407 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.109 | 0.0 |
| 5 | 15106 | 15107 | NS | 1 | 0.0 | 25.772 | 10.421 | 0.0 | 30.128 | 14.51 | 0.0 | 279.773 | 11.174 | 0.0 | 77.938 | 13.377 | 0.0 | 1.403 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.156 | 0.0 |
| 6 | 15106 | 15107 | SN | 1 | 0.0 | 23.29 | 5.72 | 0.0 | 25.584 | 6.846 | 0.0 | 129.939 | 1.956 | 0.0 | 12.629 | 2.668 | 0.0 | 1.407 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.109 | 0.0 |
| 7 | 15107 | 15108 | SN | 1 | 0.0 | 23.279 | 5.712 | 0.0 | 130.027 | 6.903 | 0.0 | 122.444 | 1.961 | 0.0 | 189.178 | 2.888 | 0.0 | 1.412 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.108 | 0.0 |
| 8 | 15107 | 15108 | NS | 1 | 0.0 | 24.194 | 6.44 | 0.0 | 24.696 | 7.492 | 0.0 | 349.555 | 3.111 | 0.0 | 110.041 | 3.809 | 0.0 | 1.428 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 9 | 15107 | 15108 | SN | 1 | 0.0 | 29.527 | 12.853 | 0.0 | 29.789 | 13.648 | 0.0 | 136.336 | 9.532 | 0.0 | 274.269 | 11.648 | 0.0 | 1.421 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.11 | 0.0 |
| 10 | 15107 | 15108 | SN | 1 | 0.0 | 29.527 | 12.864 | 0.0 | 29.789 | 13.648 | 0.0 | 136.336 | 9.529 | 0.0 | 274.269 | 11.648 | 0.0 | 1.421 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.11 | 0.0 |
| 11 | 15107 | 15108 | SN | 1 | 0.0 | 29.527 | 12.833 | 0.0 | 29.789 | 13.743 | 0.0 | 136.336 | 9.474 | 0.0 | 274.269 | 11.856 | 0.0 | 1.421 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.11 | 0.0 |
| 12 | 15107 | 15108 | SN | 1 | 0.0 | 23.279 | 5.722 | 0.0 | 130.027 | 6.875 | 0.0 | 122.444 | 1.971 | 0.0 | 189.178 | 2.793 | 0.0 | 1.412 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.108 | 0.0 |
| 13 | 15107 | 15108 | NS | 1 | 0.0 | 24.2 | 6.445 | 0.0 | 24.685 | 7.508 | 0.0 | 349.544 | 3.108 | 0.0 | 109.997 | 3.807 | 0.0 | 1.427 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.158 | 0.0 |
| 14 | 15107 | 15108 | SN | 1 | 0.0 | 23.279 | 5.721 | 0.0 | 130.027 | 6.875 | 0.0 | 122.444 | 1.971 | 0.0 | 189.178 | 2.793 | 0.0 | 1.412 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.108 | 0.0 |
| 15 | 15107 | 15108 | NS | 1 | 0.0 | 42.672 | 10.378 | 0.0 | 30.057 | 14.474 | 0.0 | 274.358 | 11.085 | 0.0 | 69.213 | 13.396 | 0.0 | 1.415 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.158 | 0.0 |
| 16 | 15107 | 15108 | NS | 1 | 0.0 | 42.672 | 10.398 | 0.0 | 30.057 | 14.465 | 0.0 | 244.268 | 11.071 | 0.0 | 69.241 | 13.361 | 0.0 | 1.404 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.158 | 0.0 |
| 17 | 15108 | 15109 | NS | 1 | 0.0 | 121.951 | 10.257 | 0.0 | 30.095 | 14.465 | 0.0 | 348.352 | 11.05 | 0.0 | 73.294 | 13.318 | 0.0 | 1.404 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.157 | 0.0 |
| 18 | 15108 | 15109 | SN | 1 | 0.0 | 23.284 | 5.733 | 0.0 | 124.289 | 6.878 | 0.0 | 144.057 | 1.986 | 0.0 | 69.241 | 2.936 | 0.0 | 1.408 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.108 | 0.0 |
| 19 | 15108 | 15109 | SN | 1 | 0.0 | 23.284 | 5.733 | 0.0 | 124.289 | 6.88 | 0.0 | 144.057 | 1.986 | 0.0 | 46.58 | 2.924 | 0.0 | 1.408 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.108 | 0.0 |
| 20 | 15108 | 15109 | SN | 1 | 0.0 | 29.627 | 12.847 | 0.0 | 54.055 | 13.632 | 0.0 | 145.541 | 9.529 | 0.0 | 19.948 | 11.664 | 0.0 | 1.417 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.108 | 0.0 |
| 21 | 15108 | 15109 | SN | 1 | 0.0 | 23.284 | 5.74 | 0.0 | 124.289 | 6.842 | 0.0 | 144.057 | 1.995 | 0.0 | 13.175 | 2.82 | 0.0 | 1.408 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.108 | 0.0 |
| 22 | 15108 | 15109 | SN | 1 | 0.0 | 29.627 | 12.823 | 0.0 | 54.055 | 13.764 | 0.0 | 145.541 | 9.464 | 0.0 | 55.646 | 11.942 | 0.0 | 1.417 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.108 | 0.0 |
| 23 | 15108 | 15109 | SN | 1 | 0.0 | 29.627 | 12.823 | 0.0 | 54.055 | 13.764 | 0.0 | 145.541 | 9.464 | 0.0 | 55.646 | 11.942 | 0.0 | 1.417 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.108 | 0.0 |
| 24 | 15108 | 15109 | NS | 1 | 0.0 | 119.568 | 6.434 | 0.0 | 24.685 | 7.514 | 0.0 | 350.145 | 3.071 | 0.0 | 125.218 | 3.754 | 0.0 | 1.429 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 25 | 15108 | 15109 | NS | 1 | 0.0 | 119.568 | 6.434 | 0.0 | 24.685 | 7.514 | 0.0 | 350.145 | 3.071 | 0.0 | 125.218 | 3.754 | 0.0 | 1.429 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 26 | 15108 | 15109 | NS | 1 | 0.0 | 121.951 | 10.257 | 0.0 | 30.095 | 14.465 | 0.0 | 348.352 | 11.05 | 0.0 | 73.294 | 13.318 | 0.0 | 1.404 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.157 | 0.0 |
| 27 | 15109 | 15110 | SN | 1 | 0.0 | 23.284 | 5.74 | 0.0 | 25.534 | 6.899 | 0.0 | 121.744 | 2.008 | 0.0 | 48.692 | 2.945 | 0.0 | 1.41 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.109 | 0.0 |
| 28 | 15109 | 15110 | NS | 1 | 0.0 | 45.314 | 6.439 | 0.0 | 24.685 | 7.488 | 0.0 | 331.201 | 3.06 | 0.0 | 138.101 | 3.719 | 0.0 | 1.427 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 29 | 15109 | 15110 | SN | 1 | 0.0 | 23.284 | 5.768 | 0.0 | 25.534 | 6.85 | 0.0 | 121.744 | 2.022 | 0.0 | 12.866 | 2.796 | 0.0 | 1.41 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.109 | 0.0 |
| 30 | 15109 | 15110 | SN | 1 | 0.0 | 29.737 | 12.827 | 0.0 | 27.36 | 13.482 | 0.0 | 129.525 | 9.63 | 0.0 | 17.444 | 11.483 | 0.0 | 1.419 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.109 | 0.0 |
| 31 | 15109 | 15110 | SN | 1 | 0.0 | 29.737 | 12.816 | 0.0 | 27.36 | 13.697 | 0.0 | 129.525 | 9.532 | 0.0 | 34.375 | 11.903 | 0.0 | 1.419 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.109 | 0.0 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 15109 | 15110 | NS | 1 | 0.0 | 24.244 | 6.437 | 0.0 | 24.68 | 7.499 | 0.0 | 331.217 | 3.065 | 0.0 | 138.134 | 3.723 | 0.0 | 1.417 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 33 | 15109 | 15110 | NS | 1 | 0.0 | 40.378 | 10.351 | 0.0 | 30.222 | 14.406 | 0.0 | 354.546 | 11.083 | 0.0 | 77.116 | 13.305 | 0.0 | 1.41 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.158 | 0.0 |
| 34 | 15109 | 15110 | NS | 1 | 0.0 | 25.733 | 10.31 | 0.0 | 30.222 | 14.406 | 0.0 | 354.551 | 11.048 | 0.0 | 77.149 | 13.305 | 0.0 | 1.409 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.158 | 0.0 |
| 35 | 15109 | 15110 | SN | 1 | 0.0 | 29.737 | 12.816 | 0.0 | 27.36 | 13.697 | 0.0 | 129.525 | 9.532 | 0.0 | 34.375 | 11.903 | 0.0 | 1.419 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.109 | 0.0 |
| 36 | 15109 | 15110 | SN | 1 | 0.0 | 23.284 | 5.745 | 0.0 | 25.534 | 6.899 | 0.0 | 121.744 | 2.006 | 0.0 | 48.692 | 2.945 | 0.0 | 1.41 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.109 | 0.0 |
| 37 | 15110 | 15111 | SN | 1 | 0.0 | 23.273 | 5.743 | 0.0 | 25.54 | 6.89 | 0.0 | 121.479 | 1.992 | 0.0 | 58.84 | 2.95 | 0.0 | 1.411 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.108 | 0.0 |
| 38 | 15110 | 15111 | SN | 1 | 0.0 | 29.456 | 12.804 | 0.0 | 264.59 | 13.758 | 0.0 | 128.88 | 9.566 | 0.0 | 34.827 | 11.918 | 0.0 | 1.419 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.108 | 0.0 |
| 39 | 15110 | 15111 | SN | 1 | 0.0 | 29.456 | 12.804 | 0.0 | 264.59 | 13.758 | 0.0 | 128.88 | 9.559 | 0.0 | 36.791 | 11.918 | 0.0 | 1.419 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.108 | 0.0 |
| 40 | 15110 | 15111 | NS | 1 | 0.0 | 25.827 | 10.401 | 0.0 | 30.178 | 14.436 | 0.0 | 331.377 | 11.068 | 0.0 | 69.925 | 13.327 | 0.0 | 1.41 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.158 | 0.0 |
| 41 | 15110 | 15111 | NS | 1 | 0.0 | 25.827 | 10.381 | 0.0 | 30.178 | 14.436 | 0.0 | 331.394 | 11.054 | 0.0 | 69.952 | 13.312 | 0.0 | 1.41 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.158 | 0.0 |
| 42 | 15110 | 15111 | NS | 1 | 0.0 | 24.233 | 6.45 | 0.0 | 24.68 | 7.486 | 0.0 | 316.884 | 3.063 | 0.0 | 107.162 | 3.728 | 0.0 | 1.419 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.158 | 0.0 |
| 43 | 15110 | 15111 | NS | 1 | 0.0 | 24.233 | 6.451 | 0.0 | 24.68 | 7.481 | 0.0 | 320.987 | 3.061 | 0.0 | 107.156 | 3.73 | 0.0 | 1.429 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.158 | 0.0 |
| 44 | 15110 | 15111 | SN | 1 | 0.0 | 23.273 | 5.743 | 0.0 | 25.54 | 6.89 | 0.0 | 121.479 | 1.992 | 0.0 | 58.834 | 2.952 | 0.0 | 1.411 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.108 | 0.0 |
| 45 | 15111 | 15112 | NS | 1 | 0.0 | 91.315 | 10.37 | 0.0 | 30.134 | 14.49 | 0.0 | 341.304 | 11.152 | 0.0 | 50.418 | 13.328 | 0.0 | 1.401 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.158 | 0.0 |
| 46 | 15111 | 15112 | NS | 1 | 0.0 | 58.015 | 6.451 | 0.0 | 24.68 | 7.494 | 0.0 | 341.304 | 3.082 | 0.0 | 127.099 | 3.781 | 0.0 | 1.426 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.156 | 0.0 |
| 47 | 15111 | 15112 | SN | 1 | 0.0 | 29.577 | 12.881 | 0.0 | 28.372 | 13.783 | 0.0 | 128.147 | 9.536 | 0.0 | 42.096 | 12.011 | 0.0 | 1.418 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.109 | 0.0 |
| 48 | 15111 | 15112 | SN | 1 | 0.0 | 29.577 | 12.881 | 0.0 | 28.372 | 13.783 | 0.0 | 128.147 | 9.536 | 0.0 | 42.096 | 12.011 | 0.0 | 1.418 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.109 | 0.0 |
| 49 | 15111 | 15112 | SN | 1 | 0.0 | 23.273 | 5.783 | 0.0 | 130.548 | 6.798 | 0.0 | 136.083 | 2.032 | 0.0 | 60.392 | 2.707 | 0.0 | 1.41 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.11 | 0.0 |
| 50 | 15111 | 15112 | SN | 1 | 0.0 | 29.577 | 12.944 | 0.0 | 28.372 | 13.31 | 0.0 | 128.147 | 9.743 | 0.0 | 36.849 | 11.143 | 0.0 | 1.418 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.109 | 0.0 |
| 51 | 15111 | 15112 | SN | 1 | 0.0 | 23.273 | 5.734 | 0.0 | 130.548 | 6.891 | 0.0 | 136.083 | 1.997 | 0.0 | 69.737 | 2.952 | 0.0 | 1.41 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.11 | 0.0 |
| 52 | 15111 | 15112 | SN | 1 | 0.0 | 23.273 | 5.734 | 0.0 | 130.548 | 6.891 | 0.0 | 136.083 | 1.997 | 0.0 | 69.737 | 2.952 | 0.0 | 1.41 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.11 | 0.0 |
| 53 | 15111 | 15112 | NS | 1 | 0.0 | 58.015 | 6.447 | 0.0 | 24.68 | 7.487 | 0.0 | 341.293 | 3.084 | 0.0 | 127.033 | 3.777 | 0.0 | 1.426 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.156 | 0.0 |
| 54 | 15111 | 15112 | NS | 1 | 0.0 | 91.315 | 10.37 | 0.0 | 30.139 | 14.49 | 0.0 | 341.293 | 11.152 | 0.0 | 50.407 | 13.328 | 0.0 | 1.401 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.158 | 0.0 |
| 55 | 15112 | 15113 | NS | 1 | 0.0 | 67.832 | 10.37 | 0.0 | 30.117 | 14.49 | 0.0 | 217.366 | 11.117 | 0.0 | 78.451 | 13.384 | 0.0 | 1.402 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.156 | 0.0 |
| 56 | 15112 | 15113 | SN | 1 | 0.0 | 29.605 | 12.819 | 0.0 | 136.306 | 13.844 | 0.0 | 143.451 | 9.52 | 0.0 | 141.54 | 12.054 | 0.0 | 1.418 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.109 | 0.0 |
| 57 | 15112 | 15113 | SN | 1 | 0.0 | 29.605 | 12.819 | 0.0 | 136.306 | 13.854 | 0.0 | 143.451 | 9.52 | 0.0 | 141.54 | 12.068 | 0.0 | 1.418 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.109 | 0.0 |
| 58 | 15112 | 15113 | SN | 1 | 0.0 | 23.284 | 5.782 | 0.0 | 226.424 | 6.809 | 0.0 | 128.538 | 2.002 | 0.0 | 140.089 | 2.657 | 0.0 | 1.409 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.109 | 0.0 |
| 59 | 15112 | 15113 | SN | 1 | 0.0 | 23.284 | 5.712 | 0.0 | 226.424 | 6.904 | 0.0 | 128.538 | 1.955 | 0.0 | 140.089 | 2.905 | 0.0 | 1.409 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.109 | 0.0 |
| 60 | 15112 | 15113 | NS | 1 | 0.0 | 119.756 | 6.453 | 0.0 | 24.68 | 7.492 | 0.0 | 215.755 | 3.104 | 0.0 | 156.62 | 3.802 | 0.0 | 1.431 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.157 | 0.0 |
| 61 | 15112 | 15113 | SN | 1 | 0.0 | 29.605 | 12.897 | 0.0 | 136.306 | 13.287 | 0.0 | 143.451 | 9.768 | 0.0 | 141.54 | 10.982 | 0.0 | 1.418 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.109 | 0.0 |
| 62 | 15112 | 15113 | NS | 1 | 0.0 | 52.677 | 6.451 | 0.0 | 24.685 | 7.492 | 0.0 | 215.755 | 3.109 | 0.0 | 156.576 | 3.811 | 0.0 | 1.432 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 63 | 15112 | 15113 | SN | 1 | 0.0 | 23.284 | 5.712 | 0.0 | 226.424 | 6.906 | 0.0 | 128.538 | 1.953 | 0.0 | 140.089 | 2.906 | 0.0 | 1.409 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.109 | 0.0 |
| 64 | 15112 | 15113 | NS | 1 | 0.0 | 153.932 | 10.35 | 0.0 | 30.117 | 14.51 | 0.0 | 219.456 | 11.159 | 0.0 | 78.467 | 13.363 | 0.0 | 1.402 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.156 | 0.0 |
| 65 | 15113 | 15114 | SN | 1 | 0.0 | 29.555 | 12.927 | 0.0 | 25.424 | 13.122 | 0.0 | 134.086 | 9.809 | 0.0 | 151.158 | 10.853 | 0.0 | 1.418 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.105 | 0.0 |
| 66 | 15113 | 15114 | SN | 1 | 0.0 | 23.279 | 5.821 | 0.0 | 25.562 | 6.798 | 0.0 | 132.614 | 2.039 | 0.0 | 112.443 | 2.592 | 0.0 | 1.408 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.106 | 0.0 |
| 67 | 15113 | 15114 | SN | 1 | 0.0 | 23.279 | 5.714 | 0.0 | 25.562 | 6.903 | 0.0 | 132.542 | 1.963 | 0.0 | 172.231 | 2.851 | 0.0 | 1.408 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.106 | 0.0 |
| 68 | 15113 | 15114 | NS | 1 | 0.0 | 240.915 | 6.445 | 0.0 | 24.685 | 7.544 | 0.0 | 354.843 | 3.133 | 0.0 | 123.299 | 3.816 | 0.0 | 1.431 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | 15113 | 15114 | SN | 1 | 0.0 | 29.555 | 12.814 | 0.0 | 27.354 | 13.743 | 0.0 | 134.086 | 9.411 | 0.0 | 151.158 | 12.084 | 0.0 | 1.418 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.105 | 0.0 |
| 70 | 15113 | 15114 | NS | 1 | 0.0 | 240.915 | 6.445 | 0.0 | 24.685 | 7.541 | 0.0 | 354.838 | 3.136 | 0.0 | 123.238 | 3.816 | 0.0 | 1.432 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.159 | 0.0 |
| 71 | 15113 | 15114 | SN | 1 | 0.0 | 23.279 | 5.712 | 0.0 | 25.562 | 6.906 | 0.0 | 132.614 | 1.963 | 0.0 | 112.443 | 2.862 | 0.0 | 1.408 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.106 | 0.0 |
| 72 | 15113 | 15114 | NS | 1 | 0.0 | 106.509 | 10.408 | 0.0 | 30.051 | 14.445 | 0.0 | 145.825 | 11.091 | 0.0 | 72.473 | 13.432 | 0.0 | 1.411 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.157 | 0.0 |
| 73 | 15113 | 15114 | NS | 1 | 0.0 | 106.52 | 10.408 | 0.0 | 30.046 | 14.455 | 0.0 | 265.909 | 11.083 | 0.0 | 72.5 | 13.418 | 0.0 | 1.411 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.157 | 0.0 |
| 74 | 15113 | 15114 | SN | 1 | 0.0 | 29.555 | 12.824 | 0.0 | 27.354 | 13.733 | 0.0 | 134.026 | 9.425 | 0.0 | 225.087 | 12.077 | 0.0 | 1.417 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.108 | 0.0 |
| 75 | 15114 | 15115 | NS | 1 | 0.0 | 24.2 | 6.438 | 0.0 | 24.696 | 7.496 | 0.0 | 355.285 | 3.129 | 0.0 | 132.145 | 3.818 | 0.0 | 1.424 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.159 | 0.0 |
| 76 | 15114 | 15115 | SN | 1 | 0.0 | 29.621 | 12.814 | 0.0 | 77.566 | 13.804 | 0.0 | 131.582 | 9.425 | 0.0 | 77.064 | 12.092 | 0.0 | 1.417 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.108 | 0.0 |
| 77 | 15114 | 15115 | SN | 1 | 0.0 | 23.284 | 5.687 | 0.0 | 49.853 | 6.901 | 0.0 | 129.227 | 1.938 | 0.0 | 77.433 | 2.862 | 0.0 | 1.408 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.106 | 0.0 |
| 78 | 15114 | 15115 | NS | 1 | 0.0 | 26.141 | 10.337 | 0.0 | 30.173 | 14.465 | 0.0 | 348.54 | 11.063 | 0.0 | 82.344 | 13.403 | 0.0 | 1.401 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.157 | 0.0 |
| 79 | 15114 | 15115 | NS | 1 | 0.0 | 26.141 | 10.337 | 0.0 | 30.173 | 14.465 | 0.0 | 348.54 | 11.063 | 0.0 | 82.344 | 13.403 | 0.0 | 1.401 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.157 | 0.0 |
| 80 | 15114 | 15115 | NS | 1 | 0.0 | 24.2 | 6.438 | 0.0 | 24.696 | 7.496 | 0.0 | 355.285 | 3.129 | 0.0 | 132.145 | 3.818 | 0.0 | 1.424 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.159 | 0.0 |
| 81 | 15115 | 15116 | SN | 1 | 0.0 | 23.284 | 5.711 | 0.0 | 168.337 | 6.897 | 0.0 | 117.227 | 1.957 | 0.0 | 48.874 | 2.884 | 0.0 | 1.408 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.108 | 0.0 |
| 82 | 15115 | 15116 | SN | 1 | 0.0 | 29.643 | 12.786 | 0.0 | 55.826 | 13.778 | 0.0 | 132.592 | 9.533 | 0.0 | 57.505 | 12.053 | 0.0 | 1.417 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.107 | 0.0 |
| 83 | 15115 | 15116 | NS | 1 | 0.0 | 257.234 | 10.437 | 0.0 | 30.195 | 14.435 | 0.0 | 354.562 | 11.128 | 0.0 | 70.631 | 13.313 | 0.0 | 1.409 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.159 | 0.0 |
| 84 | 15115 | 15116 | NS | 1 | 0.0 | 122.645 | 6.462 | 0.0 | 24.702 | 7.487 | 0.0 | 350.862 | 3.124 | 0.0 | 136.088 | 3.781 | 0.0 | 1.424 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.157 | 0.0 |
| 85 | 15116 | 15117 | SN | 1 | 0.0 | 29.472 | 12.797 | 0.0 | 27.354 | 13.778 | 0.0 | 128.014 | 9.576 | 0.0 | 37.965 | 12.025 | 0.0 | 1.42 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.107 | 0.0 |
| 86 | 15116 | 15117 | NS | 1 | 0.0 | 95.931 | 10.43 | 0.0 | 30.057 | 14.302 | 0.0 | 241.157 | 11.321 | 0.0 | 18.387 | 13.168 | 0.0 | 1.411 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.16 | 0.0 |
| 87 | 15116 | 15117 | NS | 1 | 0.0 | 67.639 | 6.451 | 0.0 | 24.696 | 7.503 | 0.0 | 351.352 | 3.114 | 0.0 | 70.768 | 3.818 | 0.0 | 1.425 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.157 | 0.0 |
| 88 | 15116 | 15117 | NS | 1 | 0.0 | 67.639 | 6.524 | 0.0 | 24.696 | 7.525 | 0.0 | 351.352 | 3.167 | 0.0 | 14.124 | 3.75 | 0.0 | 1.425 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.157 | 0.0 |
| 89 | 15117 | 15118 | SN | 1 | 0.0 | 23.213 | 6.588 | 0.0 | 70.986 | 7.963 | 0.0 | 11.648 | 2.572 | 0.0 | 121.791 | 4.269 | 0.0 | 1.399 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.108 | 0.0 |
| 90 | 15117 | 15118 | SN | 1 | 0.0 | 29.538 | 12.793 | 0.0 | 32.222 | 13.69 | 0.0 | 128.246 | 9.402 | 0.0 | 257.526 | 11.908 | 0.0 | 1.419 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.109 | 0.0 |
| 91 | 15117 | 15118 | NS | 1 | 0.0 | 156.973 | 10.438 | 0.0 | 30.151 | 14.47 | 0.0 | 141.584 | 11.177 | 0.0 | 78.925 | 13.407 | 0.0 | 1.411 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.16 | 0.0 |
| 92 | 15117 | 15118 | NS | 1 | 0.0 | 156.24 | 6.465 | 0.0 | 24.691 | 7.546 | 0.0 | 215.052 | 3.149 | 0.0 | 125.77 | 3.841 | 0.0 | 1.433 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 93 | 15117 | 15118 | NS | 1 | 0.0 | 156.973 | 10.484 | 0.0 | 28.733 | 14.378 | 0.0 | 141.584 | 11.487 | 0.0 | 34.254 | 13.393 | 0.0 | 1.411 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.16 | 0.0 |
| 94 | 15117 | 15118 | SN | 1 | 0.0 | 27.134 | 12.334 | 0.0 | 231.043 | 15.439 | 0.0 | 13.026 | 9.715 | 0.0 | 281.571 | 16.386 | 0.0 | 1.388 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.109 | 0.0 |
| 95 | 15117 | 15118 | SN | 1 | 0.0 | 23.273 | 5.694 | 0.0 | 25.557 | 6.841 | 0.0 | 135.404 | 1.988 | 0.0 | 244.709 | 2.884 | 0.0 | 1.41 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.109 | 0.0 |
| 96 | 15117 | 15118 | SN | 1 | 0.0 | 21.668 | 4.597 | 0.0 | 24.751 | 12.304 | 0.0 | 11.543 | 1.55 | 0.0 | 244.698 | 6.693 | 0.0 | 1.37 | 0.0 | 0.0 | 1.738 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.087 | 0.0 |
| 97 | 15117 | 15118 | SN | 1 | 0.0 | 26.698 | 9.806 | 0.0 | 32.222 | 25.581 | 0.0 | 12.767 | 6.73 | 0.0 | 257.526 | 27.942 | 0.0 | 1.38 | 0.0 | 0.0 | 1.738 | 0.0 | 0.0 | 1.784 | 0.0 | 0.0 | 2.088 | 0.0 |
| 98 | 15118 | 15119 | SN | 1 | 0.0 | 29.61 | 12.843 | 0.0 | 71.742 | 13.806 | 0.0 | 137.335 | 9.5 | 0.0 | 167.03 | 12.063 | 0.0 | 1.42 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.109 | 0.0 |
| 99 | 15118 | 15119 | NS | 1 | 0.0 | 25.739 | 10.348 | 0.0 | 30.206 | 14.413 | 0.0 | 149.898 | 11.181 | 0.0 | 68.518 | 13.412 | 0.0 | 1.4 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.158 | 0.0 |
| 100 | 15118 | 15119 | NS | 1 | 0.0 | 25.739 | 10.348 | 0.0 | 30.206 | 14.413 | 0.0 | 149.898 | 11.181 | 0.0 | 68.518 | 13.412 | 0.0 | 1.4 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.158 | 0.0 |
| 101 | 15118 | 15119 | SN | 1 | 0.0 | 23.279 | 5.719 | 0.0 | 235.306 | 6.919 | 0.0 | 128.599 | 1.984 | 0.0 | 76.838 | 2.892 | 0.0 | 1.411 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.107 | 0.0 |
| 102 | 15118 | 15119 | NS | 1 | 0.0 | 24.222 | 6.451 | 0.0 | 24.685 | 7.582 | 0.0 | 354.347 | 3.168 | 0.0 | 118.402 | 3.87 | 0.0 | 1.43 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.159 | 0.0 |
| 103 | 15119 | 15120 | SN | 1 | 0.0 | 29.709 | 12.823 | 0.0 | 27.36 | 13.734 | 0.0 | 133.259 | 9.429 | 0.0 | 55.222 | 11.92 | 0.0 | 1.418 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.109 | 0.0 |
| 104 | 15119 | 15120 | NS | 1 | 0.0 | 214.856 | 10.398 | 0.0 | 30.211 | 14.434 | 0.0 | 349.604 | 11.231 | 0.0 | 73.498 | 13.461 | 0.0 | 1.4 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.157 | 0.0 |
| 105 | 15119 | 15120 | SN | 1 | 0.0 | 29.709 | 12.922 | 0.0 | 25.463 | 13.15 | 0.0 | 133.259 | 9.777 | 0.0 | 14.455 | 10.642 | 0.0 | 1.418 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.109 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106 | 15119 | 15120 | NS | 1 | 0.0 | 214.856 | 10.398 | 0.0 | 30.211 | 14.434 | 0.0 | 349.604 | 11.231 | 0.0 | 73.498 | 13.461 | 0.0 | 1.4 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.157 | 0.0 |
| 107 | 15119 | 15120 | NS | 1 | 0.0 | 237.319 | 6.446 | 0.0 | 24.685 | 7.638 | 0.0 | 349.328 | 3.164 | 0.0 | 125.218 | 3.869 | 0.0 | 1.424 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.159 | 0.0 |
| 108 | 15119 | 15120 | SN | 1 | 0.0 | 23.29 | 5.781 | 0.0 | 25.557 | 6.783 | 0.0 | 131.737 | 2.041 | 0.0 | 12.1 | 2.615 | 0.0 | 1.408 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.108 | 0.0 |
| 109 | 15119 | 15120 | NS | 1 | 0.0 | 237.319 | 6.446 | 0.0 | 24.685 | 7.638 | 0.0 | 349.328 | 3.164 | 0.0 | 125.218 | 3.868 | 0.0 | 1.424 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.159 | 0.0 |
| 110 | 15119 | 15120 | SN | 1 | 0.0 | 23.29 | 5.69 | 0.0 | 25.557 | 6.899 | 0.0 | 131.737 | 1.98 | 0.0 | 44.892 | 2.885 | 0.0 | 1.408 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.108 | 0.0 |
| 111 | 15120 | 15121 | SN | 1 | 0.0 | 29.621 | 12.766 | 0.0 | 231.114 | 13.707 | 0.0 | 129.432 | 9.448 | 0.0 | 56.843 | 11.875 | 0.0 | 1.417 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.106 | 0.0 |
| 112 | 15120 | 15121 | NS | 1 | 0.0 | 26.003 | 10.443 | 0.0 | 30.211 | 14.484 | 0.0 | 354.513 | 11.191 | 0.0 | 67.691 | 13.361 | 0.0 | 1.407 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.159 | 0.0 |
| 113 | 15120 | 15121 | SN | 1 | 0.0 | 29.621 | 12.766 | 0.0 | 231.114 | 13.707 | 0.0 | 129.432 | 9.448 | 0.0 | 56.843 | 11.875 | 0.0 | 1.417 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.106 | 0.0 |
| 114 | 15120 | 15121 | NS | 1 | 0.0 | 24.233 | 6.455 | 0.0 | 24.691 | 7.599 | 0.0 | 325.366 | 3.195 | 0.0 | 128.659 | 3.889 | 0.0 | 1.431 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.159 | 0.0 |
| 115 | 15120 | 15121 | SN | 1 | 0.0 | 23.268 | 5.677 | 0.0 | 243.78 | 6.913 | 0.0 | 118.534 | 1.962 | 0.0 | 48.284 | 2.831 | 0.0 | 1.407 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.108 | 0.0 |
| 116 | 15120 | 15121 | SN | 1 | 0.0 | 23.268 | 5.677 | 0.0 | 243.78 | 6.913 | 0.0 | 118.534 | 1.96 | 0.0 | 48.284 | 2.833 | 0.0 | 1.407 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.108 | 0.0 |
| 117 | 15120 | 15121 | SN | 1 | 0.0 | 23.268 | 5.724 | 0.0 | 243.78 | 6.826 | 0.0 | 118.534 | 1.994 | 0.0 | 12.094 | 2.602 | 0.0 | 1.407 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.108 | 0.0 |
| 118 | 15120 | 15121 | SN | 1 | 0.0 | 29.621 | 12.82 | 0.0 | 231.114 | 13.28 | 0.0 | 129.432 | 9.671 | 0.0 | 14.538 | 11.051 | 0.0 | 1.417 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.106 | 0.0 |
| 119 | 15121 | 15122 | SN | 1 | 0.0 | 29.665 | 12.776 | 0.0 | 38.288 | 13.717 | 0.0 | 129.939 | 9.484 | 0.0 | 58.277 | 11.932 | 0.0 | 1.418 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.106 | 0.0 |
| 120 | 15121 | 15122 | SN | 1 | 0.0 | 29.66 | 12.786 | 0.0 | 38.288 | 13.574 | 0.0 | 129.911 | 9.559 | 0.0 | 45.336 | 11.675 | 0.0 | 1.418 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.106 | 0.0 |
| 121 | 15121 | 15122 | SN | 1 | 0.0 | 29.66 | 12.776 | 0.0 | 38.288 | 13.727 | 0.0 | 129.911 | 9.498 | 0.0 | 58.294 | 11.946 | 0.0 | 1.418 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.106 | 0.0 |
| 122 | 15121 | 15122 | SN | 1 | 0.0 | 23.284 | 5.722 | 0.0 | 230.966 | 6.869 | 0.0 | 115.214 | 1.992 | 0.0 | 12.977 | 2.762 | 0.0 | 1.409 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.11 | 0.0 |
| 123 | 15121 | 15122 | SN | 1 | 0.0 | 23.284 | 5.708 | 0.0 | 230.966 | 6.897 | 0.0 | 115.214 | 1.98 | 0.0 | 49.96 | 2.865 | 0.0 | 1.409 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.11 | 0.0 |
| 124 | 15121 | 15122 | SN | 1 | 0.0 | 23.284 | 5.708 | 0.0 | 230.966 | 6.902 | 0.0 | 115.23 | 1.974 | 0.0 | 45.763 | 2.867 | 0.0 | 1.409 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.11 | 0.0 |
| 125 | 15121 | 15122 | NS | 1 | 0.0 | 267.751 | 6.465 | 0.0 | 24.68 | 7.581 | 0.0 | 131.056 | 3.133 | 0.0 | 140.919 | 3.852 | 0.0 | 1.427 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.158 | 0.0 |
| 126 | 15121 | 15122 | NS | 1 | 0.0 | 218.857 | 6.458 | 0.0 | 24.685 | 7.573 | 0.0 | 263.664 | 3.142 | 0.0 | 74.215 | 3.843 | 0.0 | 1.429 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.159 | 0.0 |
| 127 | 15122 | 15123 | SN | 1 | 0.0 | 23.284 | 5.722 | 0.0 | 170.025 | 6.832 | 0.0 | 122.229 | 2.033 | 0.0 | 60.144 | 2.834 | 0.0 | 1.408 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.108 | 0.0 |
| 128 | 15122 | 15123 | SN | 1 | 0.0 | 29.66 | 12.833 | 0.0 | 264.579 | 13.606 | 0.0 | 129.608 | 9.544 | 0.0 | 252.198 | 11.739 | 0.0 | 1.418 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.109 | 0.0 |
| 129 | 15122 | 15123 | NS | 1 | 0.0 | 85.651 | 6.437 | 0.0 | 114.569 | 7.542 | 0.0 | 228.158 | 3.127 | 0.0 | 145.287 | 3.801 | 0.0 | 1.428 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 130 | 15122 | 15123 | NS | 1 | 0.0 | 85.651 | 6.437 | 0.0 | 114.569 | 7.542 | 0.0 | 228.158 | 3.127 | 0.0 | 145.287 | 3.801 | 0.0 | 1.428 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 131 | 15122 | 15123 | SN | 1 | 0.0 | 29.66 | 12.825 | 0.0 | 264.579 | 13.606 | 0.0 | 129.608 | 9.542 | 0.0 | 252.198 | 11.739 | 0.0 | 1.418 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.109 | 0.0 |
| 132 | 15122 | 15123 | SN | 1 | 0.0 | 23.284 | 5.711 | 0.0 | 170.025 | 6.864 | 0.0 | 122.229 | 2.023 | 0.0 | 61.233 | 2.94 | 0.0 | 1.408 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.108 | 0.0 |
| 133 | 15122 | 15123 | SN | 1 | 0.0 | 29.66 | 12.81 | 0.0 | 264.579 | 13.732 | 0.0 | 129.608 | 9.492 | 0.0 | 252.198 | 11.953 | 0.0 | 1.418 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.109 | 0.0 |
| 134 | 15122 | 15123 | SN | 1 | 0.0 | 23.284 | 5.721 | 0.0 | 170.025 | 6.832 | 0.0 | 122.229 | 2.03 | 0.0 | 60.144 | 2.834 | 0.0 | 1.408 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.108 | 0.0 |
| 135 | 15123 | 15124 | SN | 1 | 0.0 | 23.29 | 5.746 | 0.0 | 25.54 | 6.812 | 0.0 | 169.046 | 2.036 | 0.0 | 12.607 | 2.827 | 0.0 | 1.413 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.108 | 0.0 |
| 136 | 15123 | 15124 | NS | 1 | 0.0 | 24.211 | 6.43 | 0.0 | 24.68 | 7.508 | 0.0 | 130.554 | 3.075 | 0.0 | 127.976 | 3.763 | 0.0 | 1.424 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 137 | 15123 | 15124 | SN | 1 | 0.0 | 29.555 | 12.817 | 0.0 | 27.36 | 13.721 | 0.0 | 163.889 | 9.555 | 0.0 | 46.569 | 11.989 | 0.0 | 1.423 | 0.0 | 0.0 | 1.759 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.109 | 0.0 |
| 138 | 15123 | 15124 | SN | 1 | 0.0 | 29.555 | 12.817 | 0.0 | 27.36 | 13.721 | 0.0 | 163.889 | 9.562 | 0.0 | 46.569 | 11.989 | 0.0 | 1.423 | 0.0 | 0.0 | 1.759 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.109 | 0.0 |
| 139 | 15123 | 15124 | SN | 1 | 0.0 | 23.29 | 5.728 | 0.0 | 25.54 | 6.859 | 0.0 | 169.046 | 2.022 | 0.0 | 42.333 | 2.954 | 0.0 | 1.413 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.108 | 0.0 |
| 140 | 15123 | 15124 | SN | 1 | 0.0 | 29.555 | 12.846 | 0.0 | 27.36 | 13.494 | 0.0 | 163.889 | 9.635 | 0.0 | 17.554 | 11.606 | 0.0 | 1.423 | 0.0 | 0.0 | 1.759 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.109 | 0.0 |
| 141 | 15123 | 15124 | SN | 1 | 0.0 | 23.29 | 5.73 | 0.0 | 25.54 | 6.861 | 0.0 | 169.046 | 2.022 | 0.0 | 42.344 | 2.956 | 0.0 | 1.413 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.108 | 0.0 |
| 142 | 15124 | 15125 | SN | 1 | 0.0 | 29.731 | 12.88 | 0.0 | 27.354 | 13.407 | 0.0 | 184.433 | 9.661 | 0.0 | 258.805 | 11.46 | 0.0 | 1.419 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.11 | 0.0 |

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

Normal  Deviations
Alarming  High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 143 | 15124 | 15125 | SN | 1 | 0.0 | 23.284 | 5.769 | 0.0 | 25.545 | 6.792 | 0.0 | 183.23 | 2.047 | 0.0 | 248.691 | 2.775 | 0.0 | 1.408 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.109 | 0.0 |
| 144 | 15124 | 15125 | SN | 1 | 0.0 | 29.731 | 12.843 | 0.0 | 27.354 | 13.765 | 0.0 | 184.433 | 9.534 | 0.0 | 258.805 | 12.035 | 0.0 | 1.419 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.11 | 0.0 |
| 145 | 15124 | 15125 | SN | 1 | 0.0 | 23.284 | 5.748 | 0.0 | 25.545 | 6.858 | 0.0 | 183.23 | 2.027 | 0.0 | 248.691 | 2.956 | 0.0 | 1.408 | 0.0 | 0.0 | 1.757 | 0.0 | 0.0 | 1.834 | 0.0 | 0.0 | 2.109 | 0.0 |
| 146 | 15124 | 15125 | NS | 1 | 0.0 | 206.297 | 6.447 | 0.0 | 24.68 | 7.499 | 0.0 | 348.953 | 3.063 | 0.0 | 89.701 | 3.724 | 0.0 | 1.433 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.158 | 0.0 |
| 147 | 15125 | 15126 | NS | 1 | 0.0 | 96.559 | 6.443 | 0.0 | 24.68 | 7.499 | 0.0 | 330.158 | 3.089 | 0.0 | 69.814 | 3.752 | 0.0 | 1.422 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.157 | 0.0 |
| 148 | 15125 | 15126 | SN | 1 | 0.0 | 29.687 | 12.83 | 0.0 | 264.375 | 13.826 | 0.0 | 133.143 | 9.535 | 0.0 | 77.378 | 12.007 | 0.0 | 1.42 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.11 | 0.0 |
| 149 | 15125 | 15126 | SN | 1 | 0.0 | 23.273 | 5.75 | 0.0 | 25.54 | 6.897 | 0.0 | 126.806 | 2.04 | 0.0 | 63.301 | 2.997 | 0.0 | 1.409 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.108 | 0.0 |
| 150 | 15125 | 15126 | SN | 1 | 0.0 | 23.273 | 5.748 | 0.0 | 25.54 | 6.897 | 0.0 | 126.806 | 2.04 | 0.0 | 63.411 | 2.992 | 0.0 | 1.409 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.108 | 0.0 |
| 151 | 15126 | 15127 | SN | 1 | 0.0 | 29.593 | 12.846 | 0.0 | 179.202 | 13.308 | 0.0 | 128.345 | 9.83 | 0.0 | 162.072 | 11.036 | 0.0 | 1.418 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.106 | 0.0 |
| 152 | 15126 | 15127 | NS | 1 | 0.0 | 69.376 | 6.436 | 0.0 | 24.68 | 7.509 | 0.0 | 354.557 | 3.098 | 0.0 | 156.4 | 3.767 | 0.0 | 1.431 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.157 | 0.0 |
| 153 | 15126 | 15127 | SN | 1 | 0.0 | 29.593 | 12.846 | 0.0 | 179.202 | 13.308 | 0.0 | 128.345 | 9.83 | 0.0 | 162.072 | 11.036 | 0.0 | 1.418 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.106 | 0.0 |
| 154 | 15126 | 15127 | SN | 1 | 0.0 | 23.279 | 5.778 | 0.0 | 275.554 | 6.819 | 0.0 | 117.651 | 2.062 | 0.0 | 142.163 | 2.681 | 0.0 | 1.409 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.109 | 0.0 |
| 155 | 15126 | 15127 | NS | 1 | 0.0 | 24.216 | 6.434 | 0.0 | 24.68 | 7.493 | 0.0 | 354.573 | 3.089 | 0.0 | 156.615 | 3.784 | 0.0 | 1.424 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.157 | 0.0 |
| 156 | 15126 | 15127 | SN | 1 | 0.0 | 23.279 | 5.778 | 0.0 | 275.554 | 6.816 | 0.0 | 117.651 | 2.062 | 0.0 | 142.163 | 2.681 | 0.0 | 1.409 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.109 | 0.0 |
| 157 | 15126 | 15127 | SN | 1 | 0.0 | 23.279 | 5.724 | 0.0 | 275.554 | 6.923 | 0.0 | 117.651 | 2.019 | 0.0 | 142.163 | 2.945 | 0.0 | 1.409 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.109 | 0.0 |
| 158 | 15127 | 15128 | SN | 1 | 0.0 | 29.963 | 12.775 | 0.0 | 184.513 | 13.758 | 0.0 | 120.398 | 9.454 | 0.0 | 35.555 | 12.075 | 0.0 | 1.418 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.106 | 0.0 |
| 159 | 15127 | 15128 | NS | 1 | 0.0 | 104.49 | 6.458 | 0.0 | 24.685 | 7.545 | 0.0 | 357.8 | 3.126 | 0.0 | 129.856 | 3.834 | 0.0 | 1.418 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 160 | 15127 | 15128 | SN | 1 | 0.0 | 23.268 | 5.708 | 0.0 | 25.579 | 6.913 | 0.0 | 121.915 | 1.999 | 0.0 | 243.115 | 2.885 | 0.0 | 1.408 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.109 | 0.0 |
| 161 | 15128 | 15129 | NS | 1 | 0.0 | 95.525 | 6.453 | 0.0 | 24.685 | 7.587 | 0.0 | 241.105 | 3.135 | 0.0 | 74.232 | 3.822 | 0.0 | 1.428 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.16 | 0.0 |
| 162 | 15128 | 15129 | SN | 1 | 0.0 | 23.268 | 5.709 | 0.0 | 169.686 | 6.902 | 0.0 | 136.794 | 1.968 | 0.0 | 69.792 | 2.863 | 0.0 | 1.409 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.107 | 0.0 |
| 163 | 15129 | 15130 | NS | 1 | 0.0 | 252.405 | 6.453 | 0.0 | 24.68 | 7.527 | 0.0 | 354.529 | 3.113 | 0.0 | 117.668 | 3.808 | 0.0 | 1.428 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 164 | 15129 | 15130 | NS | 1 | 0.0 | 128.643 | 6.451 | 0.0 | 24.68 | 7.522 | 0.0 | 354.524 | 3.109 | 0.0 | 117.635 | 3.806 | 0.0 | 1.428 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 165 | 15129 | 15130 | SN | 1 | 0.0 | 29.593 | 12.844 | 0.0 | 27.36 | 13.791 | 0.0 | 140.009 | 9.446 | 0.0 | 130.091 | 12.069 | 0.0 | 1.418 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.108 | 0.0 |
| 166 | 15129 | 15130 | SN | 1 | 0.0 | 23.279 | 5.709 | 0.0 | 25.557 | 6.895 | 0.0 | 115.236 | 1.959 | 0.0 | 130.466 | 2.866 | 0.0 | 1.408 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.108 | 0.0 |
| 167 | 15130 | 15131 | SN | 1 | 0.0 | 23.29 | 5.707 | 0.0 | 25.562 | 6.913 | 0.0 | 118.528 | 1.976 | 0.0 | 69.478 | 2.905 | 0.0 | 1.408 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.108 | 0.0 |
| 168 | 15130 | 15131 | SN | 1 | 0.0 | 29.588 | 12.837 | 0.0 | 27.343 | 13.734 | 0.0 | 136.629 | 9.508 | 0.0 | 36.967 | 12.064 | 0.0 | 1.417 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.108 | 0.0 |
| 169 | 15130 | 15131 | NS | 1 | 0.0 | 142.852 | 6.442 | 0.0 | 24.685 | 7.533 | 0.0 | 354.882 | 3.118 | 0.0 | 89.222 | 3.81 | 0.0 | 1.428 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 170 | 15131 | 15132 | SN | 1 | 0.0 | 29.676 | 12.819 | 0.0 | 77.715 | 13.796 | 0.0 | 132.52 | 9.421 | 0.0 | 51.372 | 12.043 | 0.0 | 1.419 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.828 | 0.0 | 0.0 | 2.108 | 0.0 |
| 171 | 15131 | 15132 | NS | 1 | 0.0 | 142.891 | 6.534 | 0.0 | 24.68 | 7.593 | 0.0 | 343.896 | 3.202 | 0.0 | 14.135 | 3.761 | 0.0 | 1.424 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.157 | 0.0 |
| 172 | 15131 | 15132 | SN | 1 | 0.0 | 23.284 | 5.741 | 0.0 | 127.874 | 6.913 | 0.0 | 126.52 | 2.019 | 0.0 | 69.208 | 2.924 | 0.0 | 1.409 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.108 | 0.0 |
| 173 | 15131 | 15132 | NS | 1 | 0.0 | 142.891 | 6.456 | 0.0 | 24.68 | 7.567 | 0.0 | 343.896 | 3.143 | 0.0 | 130.805 | 3.825 | 0.0 | 1.424 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.157 | 0.0 |
| 174 | 15131 | 15132 | NS | 1 | 0.0 | 151.125 | 10.441 | 0.0 | 30.04 | 14.228 | 0.0 | 354.231 | 11.337 | 0.0 | 17.212 | 13.077 | 0.0 | 1.402 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.158 | 0.0 |
| 175 | 15132 | 15133 | SN | 1 | 0.0 | 29.858 | 12.785 | 0.0 | 228.026 | 13.737 | 0.0 | 128.295 | 9.503 | 0.0 | 34.237 | 12.069 | 0.0 | 1.417 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.108 | 0.0 |
| 176 | 15132 | 15133 | NS | 1 | 0.0 | 68.825 | 6.647 | 0.0 | 24.685 | 7.681 | 0.0 | 344.668 | 3.32 | 0.0 | 14.135 | 3.847 | 0.0 | 1.429 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.158 | 0.0 |
| 177 | 15132 | 15133 | SN | 1 | 0.0 | 29.858 | 12.785 | 0.0 | 228.026 | 13.737 | 0.0 | 128.295 | 9.503 | 0.0 | 34.237 | 12.069 | 0.0 | 1.417 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.108 | 0.0 |
| 178 | 15132 | 15133 | SN | 1 | 0.0 | 23.268 | 5.699 | 0.0 | 25.573 | 6.918 | 0.0 | 117.602 | 1.994 | 0.0 | 44.782 | 2.915 | 0.0 | 1.407 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.109 | 0.0 |
| 179 | 15132 | 15133 | NS | 1 | 0.0 | 68.825 | 6.47 | 0.0 | 24.685 | 7.59 | 0.0 | 344.668 | 3.162 | 0.0 | 132.007 | 3.859 | 0.0 | 1.429 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.158 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 15133 | 15134 | NS | 1 | 0.0 | 24.227 | 6.45 | 0.0 | 24.68 | 7.659 | 0.0 | 351.303 | 3.18 | 0.0 | 72.037 | 3.857 | 0.0 | 1.421 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.159 | 0.0 |
| 181 | 15133 | 15134 | SN | 1 | 0.0 | 23.284 | 5.71 | 0.0 | 25.562 | 6.925 | 0.0 | 121.501 | 1.994 | 0.0 | 58.547 | 2.903 | 0.0 | 1.408 | 0.0 | 0.0 | 1.754 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.109 | 0.0 |
| 182 | 15133 | 15134 | SN | 1 | 0.0 | 29.963 | 12.764 | 0.0 | 27.36 | 13.737 | 0.0 | 119.995 | 9.538 | 0.0 | 34.926 | 12.005 | 0.0 | 1.418 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.831 | 0.0 | 0.0 | 2.107 | 0.0 |
| 183 | 15133 | 15134 | NS | 1 | 0.0 | 24.227 | 6.45 | 0.0 | 24.68 | 7.659 | 0.0 | 351.303 | 3.18 | 0.0 | 72.037 | 3.857 | 0.0 | 1.421 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.159 | 0.0 |
| 184 | 15134 | 15135 | NS | 1 | 0.0 | 24.216 | 6.443 | 0.0 | 24.685 | 7.668 | 0.0 | 265.015 | 3.218 | 0.0 | 75.357 | 3.866 | 0.0 | 1.432 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.16 | 0.0 |
| 185 | 15134 | 15135 | NS | 1 | 0.0 | 24.216 | 6.445 | 0.0 | 24.685 | 7.668 | 0.0 | 265.015 | 3.218 | 0.0 | 75.357 | 3.868 | 0.0 | 1.432 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.16 | 0.0 |
| 186 | 15134 | 15135 | NS | 1 | 0.0 | 204.929 | 10.82 | 0.0 | 30.057 | 13.742 | 0.0 | 215.11 | 12.981 | 0.0 | 14.289 | 12.915 | 0.0 | 1.41 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.159 | 0.0 |

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

Normal
Alarming
Deviations
High Errors