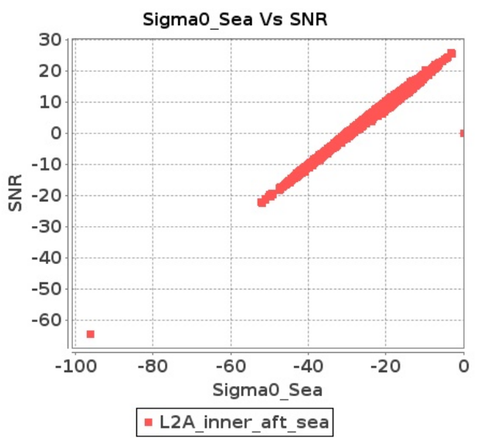
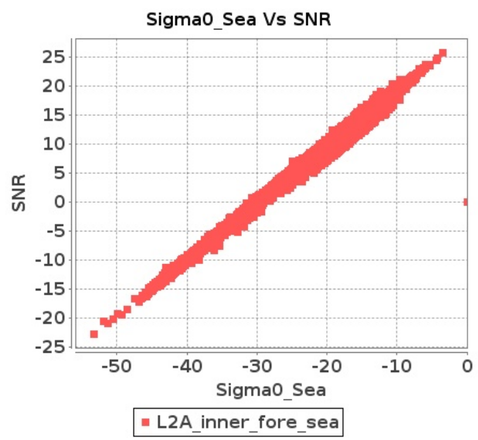
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 03-AUG-2019 To 04-AUG-2019

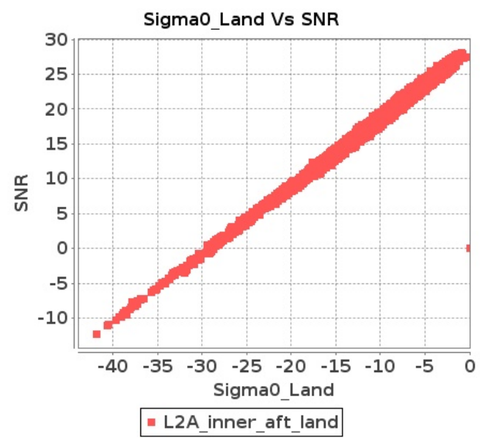
## Inner Sea Aft Sigma0VsSNR



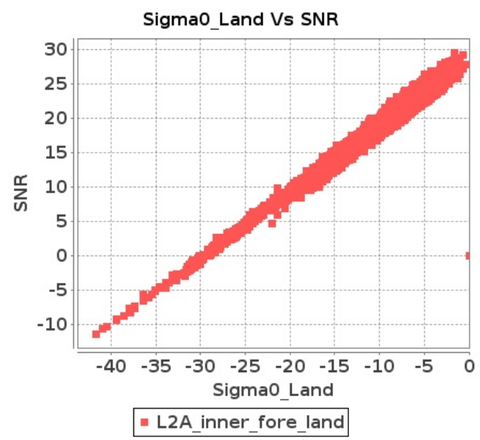

## Inner Sea Fore Sigma0VsSNR



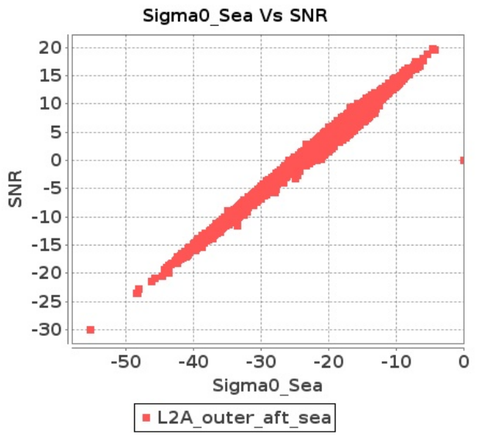

## Inner Land Aft Sigma0VsSNR



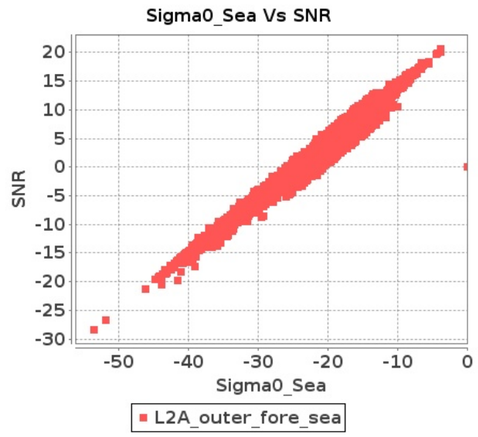

## Inner Land Fore Sigma0VsSNR



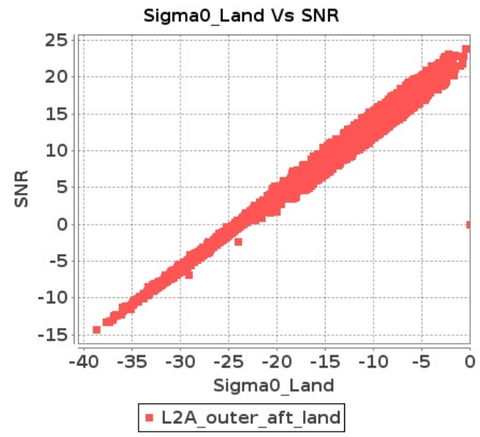

## Outer Sea Aft Sigma0VsSNR



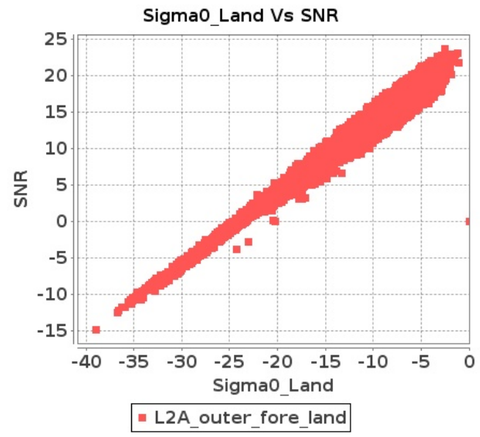

## Outer Sea Fore Sigma0VsSNR




## Outer Land Aft Sigma0VsSNR




## Outer Land Fore Sigma0VsSNR



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

Report between 03-AUG-2019 To 04-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 | 15091 | 15092 | SN | 1 | 0.0 | 43.404 | 1.68 | 0.0 | 47.621 | 1.892 | 0.0 | 48.246 | 1.322 | 0.0 | 41.811 | 1.713 | 0.0 | 43.393 | 1.682 | 0.0 | 45.899 | 1.812 | 0.0 | 46.22 | 1.298 | 0.0 | 42.094 | 1.517 |
| 2 | 15091 | 15092 | SN | 1 | 0.0 | 42.821 | 1.725 | 0.0 | 49.13 | 1.971 | 0.0 | 47.671 | 1.351 | 0.0 | 40.101 | 1.763 | 0.0 | 41.566 | 1.749 | 0.0 | 49.339 | 1.899 | 0.0 | 45.644 | 1.288 | 0.0 | 42.094 | 1.552 |
| 3 | 15091 | 15092 | SN | 1 | 0.0 | 51.108 | 6.042 | 0.192 | 51.455 | 6.499 | 0.0 | 44.244 | 4.975 | 0.0 | 46.871 | 5.969 | 0.0 | 50.946 | 6.042 | 0.016 | 51.158 | 6.158 | 0.0 | 43.856 | 4.878 | 0.0 | 44.422 | 5.476 |
| 4 | 15091 | 15092 | SN | 1 | 0.0 | 47.344 | 5.811 | 0.192 | 53.955 | 6.212 | 0.0 | 44.56 | 5.059 | 0.0 | 48.616 | 5.765 | 0.0 | 49.236 | 5.791 | 0.016 | 52.051 | 5.866 | 0.0 | 44.037 | 4.988 | 0.0 | 45.493 | 5.237 |
| 5 | 15091 | 15092 | SN | 1 | 0.0 | 47.344 | 5.811 | 0.192 | 53.955 | 6.212 | 0.0 | 44.56 | 5.059 | 0.0 | 48.616 | 5.765 | 0.0 | 49.236 | 5.791 | 0.016 | 52.051 | 5.866 | 0.0 | 44.037 | 4.988 | 0.0 | 45.493 | 5.237 |
| 6 | 15091 | 15092 | SN | 1 | 0.0 | 43.404 | 1.68 | 0.0 | 47.621 | 1.892 | 0.0 | 48.246 | 1.322 | 0.0 | 41.811 | 1.713 | 0.0 | 43.393 | 1.682 | 0.0 | 45.899 | 1.812 | 0.0 | 46.22 | 1.298 | 0.0 | 42.094 | 1.517 |
| 7 | 15092 | 15093 | NS | 1 | 0.0 | 46.193 | 3.131 | 0.0 | 52.756 | 3.722 | 0.0 | 45.839 | 3.346 | 0.0 | 45.332 | 3.752 | 0.0 | 45.953 | 3.243 | 0.0 | 52.263 | 3.306 | 0.0 | 44.081 | 3.253 | 0.0 | 43.858 | 3.375 |
| 8 | 15092 | 15093 | SN | 1 | 0.0 | 41.54 | 1.309 | 0.0 | 47.055 | 1.568 | 0.0 | 43.154 | 1.275 | 0.0 | 46.32 | 1.573 | 0.0 | 43.749 | 1.298 | 0.0 | 49.495 | 1.493 | 0.0 | 43.26 | 1.273 | 0.0 | 43.846 | 1.448 |
| 9 | 15092 | 15093 | SN | 1 | 0.0 | 40.643 | 1.348 | 0.0 | 49.988 | 1.55 | 0.0 | 42.215 | 1.301 | 0.0 | 40.155 | 1.567 | 0.0 | 42.854 | 1.325 | 0.0 | 52.428 | 1.455 | 0.0 | 42.322 | 1.264 | 0.0 | 37.297 | 1.425 |
| 10 | 15092 | 15093 | SN | 1 | 0.0 | 56.462 | 4.472 | 1.187 | 50.752 | 5.295 | 0.0 | 41.976 | 4.27 | 0.0 | 43.466 | 5.43 | 0.0 | 58.164 | 4.543 | 0.767 | 49.931 | 5.163 | 0.0 | 42.299 | 4.227 | 0.0 | 43.144 | 5.144 |
| 11 | 15092 | 15093 | NS | 1 | 0.0 | 53.497 | 0.896 | 0.0 | 49.049 | 1.11 | 0.0 | 44.668 | 0.987 | 0.0 | 42.555 | 1.185 | 0.0 | 54.294 | 0.887 | 0.0 | 50.097 | 1.038 | 0.0 | 45.744 | 0.943 | 0.0 | 40.856 | 0.983 |
| 12 | 15092 | 15093 | SN | 1 | 0.0 | 45.895 | 4.584 | 1.187 | 49.512 | 5.214 | 0.0 | 41.976 | 4.362 | 0.0 | 43.913 | 5.422 | 0.0 | 47.595 | 4.645 | 0.767 | 48.868 | 5.041 | 0.0 | 43.086 | 4.312 | 0.0 | 41.011 | 5.13 |
| 13 | 15093 | 15094 | NS | 1 | 0.0 | 43.093 | 0.643 | 0.0 | 42.768 | 0.817 | 0.0 | 40.493 | 0.67 | 0.0 | 40.582 | 1.167 | 0.0 | 42.943 | 0.634 | 0.0 | 42.678 | 0.72 | 0.0 | 39.884 | 0.61 | 0.0 | 42.07 | 0.939 |
| 14 | 15093 | 15094 | SN | 1 | 0.0 | 48.542 | 1.199 | 0.0 | 46.181 | 1.632 | 0.0 | 39.591 | 1.216 | 0.0 | 41.418 | 1.928 | 0.0 | 47.561 | 1.22 | 0.0 | 47.124 | 1.484 | 0.0 | 38.669 | 1.196 | 0.0 | 38.699 | 1.66 |
| 15 | 15093 | 15094 | SN | 1 | 0.0 | 42.434 | 3.888 | 0.0 | 49.21 | 4.712 | 0.0 | 46.562 | 4.003 | 0.0 | 45.22 | 5.561 | 0.0 | 42.249 | 3.817 | 0.0 | 49.171 | 4.311 | 0.0 | 46.474 | 3.932 | 0.0 | 44.862 | 5.215 |
| 16 | 15093 | 15094 | SN | 1 | 0.0 | 49.329 | 3.868 | 0.0 | 49.318 | 4.64 | 0.0 | 45.547 | 4.025 | 0.0 | 45.197 | 5.546 | 0.0 | 50.577 | 3.827 | 0.0 | 49.279 | 4.29 | 0.0 | 47.338 | 4.018 | 0.0 | 45.005 | 5.114 |
| 17 | 15093 | 15094 | SN | 1 | 0.0 | 41.976 | 1.167 | 0.0 | 41.883 | 1.62 | 0.0 | 38.788 | 1.244 | 0.0 | 40.131 | 1.927 | 0.0 | 43.01 | 1.176 | 0.0 | 43.149 | 1.462 | 0.0 | 37.065 | 1.2 | 0.0 | 39.262 | 1.632 |
| 18 | 15093 | 15094 | SN | 1 | 0.0 | 49.329 | 3.822 | 0.0 | 49.318 | 4.593 | 0.0 | 45.547 | 3.991 | 0.0 | 45.197 | 5.489 | 0.0 | 50.577 | 3.781 | 0.0 | 49.279 | 4.246 | 0.0 | 47.338 | 3.984 | 0.0 | 45.005 | 5.068 |
| 19 | 15093 | 15094 | NS | 1 | 0.0 | 48.751 | 2.087 | 0.0 | 45.613 | 2.606 | 0.0 | 38.169 | 2.272 | 0.0 | 44.368 | 3.438 | 0.0 | 48.826 | 2.148 | 0.0 | 46.522 | 2.403 | 0.0 | 38.944 | 2.272 | 0.0 | 43.404 | 2.955 |
| 20 | 15093 | 15094 | SN | 1 | 0.0 | 41.976 | 1.181 | 0.0 | 41.883 | 1.639 | 0.0 | 38.788 | 1.249 | 0.0 | 40.131 | 1.946 | 0.0 | 43.01 | 1.19 | 0.0 | 43.149 | 1.479 | 0.0 | 37.065 | 1.209 | 0.0 | 39.262 | 1.647 |
| 21 | 15094 | 15095 | NS | 1 | 0.0 | 48.239 | 2.667 | 0.0 | 46.339 | 2.91 | 0.0 | 45.141 | 3.092 | 0.0 | 48.17 | 3.595 | 0.0 | 46.55 | 2.656 | 0.0 | 49.016 | 2.738 | 0.0 | 45.23 | 3.007 | 0.0 | 46.598 | 3.048 |
| 22 | 15094 | 15095 | SN | 1 | 0.0 | 46.876 | 3.576 | 0.0 | 47.484 | 4.56 | 0.0 | 36.842 | 3.533 | 0.0 | 40.985 | 5.368 | 0.0 | 46.551 | 3.597 | 0.0 | 47.932 | 4.218 | 0.0 | 35.452 | 3.729 | 0.0 | 39.779 | 5.078 |
| 23 | 15094 | 15095 | SN | 1 | 0.0 | 43.245 | 1.074 | 0.0 | 38.616 | 1.452 | 0.0 | 38.505 | 1.301 | 0.0 | 39.947 | 1.905 | 0.0 | 42.557 | 1.124 | 0.0 | 39.733 | 1.323 | 0.0 | 39.12 | 1.303 | 0.0 | 37.373 | 1.736 |
| 24 | 15094 | 15095 | NS | 1 | 0.0 | 47.832 | 0.761 | 0.0 | 47.321 | 0.954 | 0.0 | 42.117 | 0.883 | 0.0 | 43.348 | 1.183 | 0.0 | 47.496 | 0.759 | 0.0 | 46.909 | 0.875 | 0.0 | 42.152 | 0.839 | 0.0 | 41.636 | 0.969 |
| 25 | 15094 | 15095 | SN | 1 | 0.0 | 45.264 | 3.507 | 0.0 | 45.754 | 4.682 | 0.0 | 40.039 | 3.615 | 0.0 | 41.099 | 5.5 | 0.0 | 45.16 | 3.608 | 0.0 | 45.901 | 4.306 | 0.0 | 37.999 | 3.864 | 0.0 | 39.892 | 5.243 |
| 26 | 15094 | 15095 | SN | 1 | 0.0 | 44.139 | 1.102 | 0.0 | 42.372 | 1.478 | 0.0 | 38.505 | 1.279 | 0.0 | 39.947 | 1.887 | 0.0 | 43.447 | 1.123 | 0.0 | 44.037 | 1.329 | 0.0 | 39.12 | 1.292 | 0.0 | 39.724 | 1.706 |
| 27 | 15095 | 15096 | NS | 1 | 0.0 | 53.84 | 3.72 | 0.0 | 48.942 | 4.381 | 0.0 | 48.984 | 3.048 | 0.0 | 49.898 | 3.88 | 0.0 | 55.13 | 3.75 | 0.0 | 50.135 | 4.168 | 0.0 | 50.181 | 3.041 | 0.0 | 47.977 | 3.568 |
| 28 | 15095 | 15096 | SN | 1 | 0.0 | 49.97 | 1.609 | 0.0 | 45.607 | 2.275 | 0.0 | 37.044 | 1.81 | 0.0 | 40.81 | 2.613 | 0.0 | 48.161 | 1.622 | 0.0 | 44.291 | 2.253 | 0.0 | 35.929 | 1.823 | 0.0 | 39.495 | 2.473 |
| 29 | 15095 | 15096 | SN | 1 | 0.0 | 42.792 | 6.159 | 0.0 | 48.356 | 7.352 | 0.0 | 43.749 | 5.764 | 0.0 | 42.584 | 7.701 | 0.0 | 43.799 | 6.159 | 0.0 | 48.124 | 7.153 | 0.0 | 44.629 | 5.895 | 0.0 | 43.869 | 7.451 |
| 30 | 15095 | 15096 | NS | 1 | 0.0 | 44.953 | 0.932 | 0.0 | 46.606 | 1.483 | 0.0 | 43.814 | 0.871 | 0.0 | 42.835 | 1.187 | 0.0 | 45.427 | 0.957 | 0.0 | 48.517 | 1.372 | 0.0 | 44.024 | 0.862 | 0.0 | 41.387 | 1.061 |
| 31 | 15095 | 15096 | NS | 1 | 0.0 | 44.953 | 0.921 | 0.0 | 46.606 | 1.498 | 0.0 | 44.56 | 0.897 | 0.0 | 39.741 | 1.173 | 0.0 | 45.44 | 0.953 | 0.0 | 48.517 | 1.399 | 0.0 | 44.768 | 0.886 | 0.0 | 41.484 | 1.063 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 15095 | 15096 | SN | 1 | 0.0 | 50.581 | 6.202 | 0.0 | 48.356 | 7.666 | 0.0 | 44.076 | 5.927 | 0.0 | 42.174 | 7.74 | 0.0 | 49.817 | 6.394 | 0.0 | 48.124 | 7.432 | 0.0 | 45.689 | 6.083 | 0.0 | 40.602 | 7.44 |
| 33 | 15095 | 15096 | NS | 1 | 0.0 | 53.834 | 3.679 | 0.0 | 49.928 | 4.391 | 0.0 | 45.932 | 3.027 | 0.0 | 48.203 | 3.823 | 0.0 | 54.703 | 3.71 | 0.0 | 51.122 | 4.199 | 0.0 | 45.702 | 3.02 | 0.0 | 46.28 | 3.489 |
| 34 | 15095 | 15096 | SN | 1 | 0.0 | 45.367 | 1.594 | 0.0 | 45.104 | 2.282 | 0.0 | 43.232 | 1.82 | 0.0 | 40.81 | 2.621 | 0.0 | 45.476 | 1.615 | 0.0 | 43.79 | 2.243 | 0.0 | 40.588 | 1.787 | 0.0 | 36.74 | 2.456 |
| 35 | 15096 | 15097 | NS | 1 | 0.0 | 52.759 | 4.691 | 0.393 | 50.418 | 5.755 | 0.0 | 45.907 | 4.801 | 0.0 | 45.513 | 5.801 | 0.0 | 53.234 | 4.691 | 0.349 | 48.459 | 5.44 | 0.0 | 45.786 | 4.51 | 0.0 | 42.448 | 5.161 |
| 36 | 15096 | 15097 | SN | 1 | 0.0 | 47.487 | 11.093 | 0.0 | 49.967 | 13.035 | 0.0 | 45.762 | 8.753 | 0.0 | 44.216 | 11.196 | 0.0 | 47.085 | 11.337 | 0.0 | 50.477 | 13.173 | 0.0 | 42.835 | 9.214 | 0.0 | 45.306 | 11.719 |
| 37 | 15096 | 15097 | SN | 1 | 0.0 | 44.608 | 2.943 | 0.0 | 49.499 | 3.795 | 0.0 | 39.283 | 2.628 | 0.0 | 42.001 | 3.484 | 0.0 | 45.115 | 2.992 | 0.0 | 47.483 | 3.811 | 0.0 | 37.703 | 2.782 | 0.0 | 43.649 | 3.623 |
| 38 | 15096 | 15097 | NS | 1 | 0.0 | 45.435 | 1.406 | 0.0 | 49.581 | 1.789 | 0.0 | 41.508 | 1.262 | 0.0 | 42.532 | 1.904 | 0.0 | 44.838 | 1.429 | 0.0 | 47.725 | 1.701 | 0.0 | 38.916 | 1.211 | 0.0 | 46.047 | 1.601 |
| 39 | 15096 | 15097 | SN | 1 | 0.0 | 49.317 | 11.361 | 0.0 | 49.967 | 13.183 | 0.0 | 37.566 | 8.654 | 0.0 | 44.216 | 11.022 | 0.0 | 50.752 | 11.686 | 0.0 | 50.477 | 13.316 | 0.0 | 36.965 | 9.179 | 0.0 | 45.306 | 11.471 |
| 40 | 15096 | 15097 | SN | 1 | 0.0 | 40.647 | 2.927 | 0.0 | 49.499 | 3.89 | 0.0 | 36.757 | 2.646 | 0.0 | 42.001 | 3.534 | 0.0 | 42.485 | 2.953 | 0.0 | 47.483 | 3.888 | 0.0 | 37.703 | 2.746 | 0.0 | 42.252 | 3.688 |
| 41 | 15096 | 15097 | NS | 1 | 0.0 | 45.623 | 4.713 | 0.0 | 48.842 | 5.862 | 0.0 | 42.935 | 4.697 | 0.0 | 48.542 | 5.856 | 0.0 | 46.987 | 4.764 | 0.0 | 48.49 | 5.477 | 0.0 | 44.343 | 4.541 | 0.0 | 45.865 | 5.145 |
| 42 | 15096 | 15097 | NS | 1 | 0.0 | 45.414 | 1.365 | 0.0 | 50.127 | 1.779 | 0.0 | 43.738 | 1.34 | 0.0 | 44.831 | 1.801 | 0.0 | 46.422 | 1.394 | 0.0 | 51.038 | 1.675 | 0.0 | 43.922 | 1.283 | 0.0 | 41.333 | 1.459 |
| 43 | 15097 | 15098 | SN | 1 | 0.0 | 56.459 | 6.419 | 0.407 | 52.479 | 7.821 | 0.0 | 46.234 | 5.427 | 0.0 | 43.746 | 6.742 | 0.0 | 57.779 | 6.469 | 0.584 | 53.65 | 7.536 | 0.0 | 47.142 | 5.434 | 0.0 | 43.938 | 6.307 |
| 44 | 15097 | 15098 | SN | 1 | 0.0 | 57.862 | 6.5 | 0.407 | 51.144 | 7.841 | 0.0 | 46.234 | 5.37 | 0.0 | 42.581 | 6.721 | 0.0 | 59.182 | 6.53 | 0.584 | 50.247 | 7.637 | 0.0 | 47.142 | 5.378 | 0.0 | 43.938 | 6.314 |
| 45 | 15097 | 15098 | SN | 1 | 0.0 | 46.347 | 1.743 | 0.0 | 45.986 | 2.378 | 0.0 | 47.887 | 1.508 | 0.0 | 38.802 | 2.042 | 0.0 | 46.894 | 1.752 | 0.0 | 45.074 | 2.308 | 0.0 | 47.602 | 1.434 | 0.0 | 38.355 | 1.875 |
| 46 | 15097 | 15098 | SN | 1 | 0.0 | 51.373 | 1.774 | 0.0 | 43.839 | 2.41 | 0.0 | 42.655 | 1.473 | 0.0 | 40.598 | 2.058 | 0.0 | 51.922 | 1.777 | 0.0 | 44.314 | 2.306 | 0.0 | 42.369 | 1.425 | 0.0 | 38.55 | 1.926 |
| 47 | 15097 | 15098 | NS | 1 | 0.0 | 45.332 | 6.386 | 0.0 | 49.244 | 7.655 | 0.0 | 47.156 | 6.336 | 0.0 | 45.431 | 7.105 | 0.0 | 45.666 | 6.396 | 0.0 | 48.543 | 7.543 | 0.0 | 48.074 | 6.343 | 0.0 | 46.518 | 7.162 |
| 48 | 15097 | 15098 | SN | 1 | 0.0 | 51.373 | 1.705 | 0.0 | 48.384 | 2.386 | 0.0 | 42.655 | 1.409 | 0.0 | 40.598 | 2.095 | 0.0 | 51.922 | 1.698 | 0.0 | 47.76 | 2.282 | 0.0 | 42.369 | 1.372 | 0.0 | 38.55 | 1.955 |
| 49 | 15097 | 15098 | NS | 1 | 0.0 | 53.987 | 6.365 | 0.0 | 49.178 | 7.624 | 0.0 | 47.156 | 6.35 | 0.0 | 45.814 | 7.112 | 0.0 | 53.379 | 6.386 | 0.0 | 48.477 | 7.523 | 0.0 | 48.074 | 6.365 | 0.0 | 46.587 | 7.119 |
| 50 | 15097 | 15098 | NS | 1 | 0.0 | 45.709 | 1.733 | 0.0 | 50.112 | 2.337 | 0.0 | 39.631 | 1.95 | 0.0 | 39.444 | 2.368 | 0.0 | 46.501 | 1.765 | 0.0 | 51.012 | 2.276 | 0.0 | 39.042 | 1.927 | 0.0 | 39.224 | 2.274 |
| 51 | 15097 | 15098 | SN | 1 | 0.0 | 56.459 | 5.916 | 0.407 | 52.479 | 7.516 | 0.0 | 46.234 | 5.368 | 0.0 | 43.746 | 6.638 | 0.0 | 57.779 | 6.013 | 0.584 | 53.65 | 7.093 | 0.0 | 47.142 | 5.421 | 0.0 | 43.938 | 6.288 |
| 52 | 15097 | 15098 | NS | 1 | 0.0 | 45.593 | 1.738 | 0.0 | 50.112 | 2.348 | 0.0 | 40.889 | 1.935 | 0.0 | 39.47 | 2.358 | 0.0 | 46.386 | 1.758 | 0.0 | 51.012 | 2.292 | 0.0 | 39.036 | 1.914 | 0.0 | 39.224 | 2.278 |
| 53 | 15098 | 15099 | SN | 1 | 0.0 | 50.049 | 4.01 | 1.067 | 52.221 | 5.385 | 0.0 | 50.01 | 3.13 | 0.0 | 56.826 | 3.745 | 0.0 | 50.558 | 3.944 | 0.691 | 53.544 | 4.861 | 0.0 | 53.017 | 2.998 | 0.0 | 54.142 | 3.252 |
| 54 | 15098 | 15099 | SN | 1 | 0.0 | 50.049 | 4.218 | 1.067 | 52.221 | 5.804 | 0.0 | 50.01 | 3.381 | 0.0 | 55.322 | 4.081 | 0.0 | 50.558 | 4.147 | 0.691 | 53.544 | 5.285 | 0.0 | 53.017 | 3.218 | 0.0 | 52.643 | 3.553 |
| 55 | 15098 | 15099 | SN | 1 | 0.0 | 50.049 | 4.228 | 1.067 | 56.956 | 5.825 | 0.0 | 50.256 | 3.332 | 0.0 | 56.046 | 4.024 | 0.0 | 50.558 | 4.097 | 0.691 | 54.857 | 5.265 | 0.0 | 53.263 | 3.218 | 0.0 | 53.355 | 3.56 |
| 56 | 15098 | 15099 | NS | 1 | 0.0 | 45.338 | 1.663 | 0.0 | 44.527 | 2.33 | 0.0 | 38.4 | 1.813 | 0.0 | 36.054 | 2.274 | 0.0 | 43.642 | 1.729 | 0.0 | 43.288 | 2.242 | 0.0 | 37.02 | 1.873 | 0.0 | 36.929 | 2.278 |
| 57 | 15098 | 15099 | NS | 1 | 0.0 | 51.11 | 6.639 | 0.0 | 49.221 | 7.391 | 0.0 | 40.005 | 5.91 | 0.0 | 44.086 | 6.629 | 0.0 | 51.574 | 7.075 | 0.0 | 48.923 | 7.483 | 0.0 | 42.888 | 6.279 | 0.0 | 40.547 | 6.679 |
| 58 | 15098 | 15099 | SN | 1 | 0.0 | 44.323 | 1.127 | 0.0 | 43.389 | 1.604 | 0.0 | 42.787 | 0.818 | 0.0 | 44.351 | 1.035 | 0.0 | 44.273 | 1.135 | 0.0 | 45.234 | 1.463 | 0.0 | 42.369 | 0.726 | 0.0 | 44.0 | 0.889 |
| 59 | 15098 | 15099 | SN | 1 | 0.0 | 45.519 | 1.16 | 0.0 | 43.389 | 1.658 | 0.0 | 42.787 | 0.849 | 0.0 | 44.351 | 1.119 | 0.0 | 45.152 | 1.165 | 0.0 | 45.234 | 1.488 | 0.0 | 42.369 | 0.773 | 0.0 | 42.513 | 0.979 |
| 60 | 15098 | 15099 | SN | 1 | 0.0 | 43.4 | 1.181 | 0.0 | 44.523 | 1.656 | 0.0 | 41.112 | 0.846 | 0.0 | 44.351 | 1.135 | 0.0 | 43.618 | 1.169 | 0.0 | 45.586 | 1.498 | 0.0 | 40.487 | 0.785 | 0.0 | 43.215 | 0.998 |
| 61 | 15099 | 15100 | NS | 1 | 0.0 | 45.534 | 2.048 | 0.0 | 43.409 | 2.585 | 0.0 | 40.641 | 1.908 | 0.0 | 44.431 | 2.559 | 0.0 | 44.503 | 2.095 | 0.0 | 43.799 | 2.522 | 0.0 | 43.597 | 2.015 | 0.0 | 41.736 | 2.612 |
| 62 | 15099 | 15100 | SN | 1 | 0.0 | 44.461 | 0.844 | 0.0 | 49.062 | 1.271 | 0.0 | 42.778 | 0.833 | 0.0 | 42.659 | 1.171 | 0.0 | 45.432 | 0.821 | 0.0 | 47.943 | 1.174 | 0.0 | 40.971 | 0.776 | 0.0 | 40.863 | 1.014 |
| 63 | 15099 | 15100 | NS | 1 | 0.0 | 49.17 | 2.05 | 0.0 | 43.482 | 2.617 | 0.0 | 41.976 | 1.894 | 0.0 | 44.431 | 2.571 | 0.0 | 47.828 | 2.107 | 0.0 | 43.872 | 2.524 | 0.0 | 44.93 | 1.999 | 0.0 | 41.736 | 2.612 |
| 64 | 15099 | 15100 | NS | 1 | 0.0 | 51.428 | 7.785 | 0.0 | 50.127 | 8.679 | 0.0 | 41.308 | 6.412 | 0.0 | 46.982 | 8.262 | 0.0 | 51.205 | 7.978 | 0.0 | 49.809 | 8.73 | 0.0 | 41.045 | 6.817 | 0.0 | 45.385 | 8.269 |
| 65 | 15099 | 15100 | SN | 1 | 0.0 | 47.589 | 3.082 | 0.0 | 52.06 | 4.489 | 0.0 | 50.528 | 2.961 | 0.0 | 46.334 | 4.023 | 0.0 | 48.158 | 3.275 | 0.0 | 54.629 | 4.438 | 0.0 | 49.297 | 2.848 | 0.0 | 46.5 | 3.631 |
| 66 | 15099 | 15100 | NS | 1 | 0.0 | 51.428 | 7.816 | 0.0 | 50.127 | 8.689 | 0.0 | 41.308 | 6.426 | 0.0 | 47.259 | 8.262 | 0.0 | 51.205 | 7.978 | 0.0 | 49.807 | 8.679 | 0.0 | 41.045 | 6.845 | 0.0 | 45.662 | 8.233 |
| 67 | 15100 | 15101 | NS | 1 | 0.0 | 52.463 | 2.779 | 0.0 | 54.905 | 3.279 | 0.0 | 42.349 | 2.092 | 0.0 | 44.373 | 2.936 | 0.0 | 52.312 | 2.788 | 0.0 | 51.009 | 3.195 | 0.0 | 45.126 | 2.147 | 0.0 | 42.301 | 2.776 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 15100 | 15101 | SN | 1 | 0.0 | 47.507 | 0.501 | 0.0 | 42.464 | 0.762 | 0.0 | 34.422 | 0.56 | 0.0 | 38.259 | 0.956 | 0.0 | 46.315 | 0.505 | 0.0 | 39.957 | 0.667 | 0.0 | 34.332 | 0.501 | 0.0 | 37.929 | 0.774 |
| 69 | 15100 | 15101 | NS | 1 | 0.0 | 52.463 | 2.795 | 0.0 | 54.905 | 3.274 | 0.0 | 42.23 | 2.069 | 0.0 | 44.373 | 2.929 | 0.0 | 52.31 | 2.792 | 0.0 | 51.009 | 3.198 | 0.0 | 45.006 | 2.129 | 0.0 | 42.646 | 2.776 |
| 70 | 15100 | 15101 | SN | 1 | 0.0 | 46.767 | 1.611 | 0.0 | 45.454 | 2.843 | 0.0 | 48.523 | 2.059 | 0.0 | 39.506 | 2.796 | 0.0 | 46.315 | 1.672 | 0.0 | 43.259 | 2.498 | 0.0 | 48.898 | 1.974 | 0.0 | 36.287 | 2.234 |
| 71 | 15100 | 15101 | NS | 1 | 0.0 | 52.341 | 8.909 | 0.0 | 52.389 | 10.568 | 0.0 | 45.796 | 7.603 | 0.0 | 48.618 | 9.388 | 0.0 | 52.695 | 9.102 | 0.0 | 53.098 | 10.446 | 0.0 | 48.179 | 7.582 | 0.0 | 48.38 | 9.31 |
| 72 | 15100 | 15101 | NS | 1 | 0.0 | 52.343 | 8.859 | 0.0 | 52.389 | 10.598 | 0.0 | 45.79 | 7.617 | 0.0 | 48.724 | 9.409 | 0.0 | 52.695 | 9.072 | 0.0 | 53.26 | 10.456 | 0.0 | 48.126 | 7.632 | 0.0 | 48.414 | 9.31 |
| 73 | 15101 | 15102 | NS | 1 | 0.0 | 44.577 | 1.284 | 0.0 | 43.214 | 1.749 | 0.0 | 40.711 | 1.548 | 0.0 | 42.546 | 2.073 | 0.0 | 44.424 | 1.309 | 0.0 | 44.345 | 1.564 | 0.0 | 42.303 | 1.507 | 0.0 | 43.312 | 1.818 |
| 74 | 15101 | 15102 | SN | 1 | 0.0 | 44.872 | 1.214 | 0.0 | 52.047 | 1.461 | 0.0 | 38.587 | 1.203 | 0.0 | 38.845 | 1.682 | 0.0 | 45.077 | 1.237 | 0.0 | 52.038 | 1.395 | 0.0 | 37.9 | 1.249 | 0.0 | 41.044 | 1.513 |
| 75 | 15101 | 15102 | NS | 1 | 0.0 | 44.577 | 1.271 | 0.0 | 43.214 | 1.753 | 0.0 | 40.711 | 1.557 | 0.0 | 42.546 | 2.057 | 0.0 | 44.424 | 1.305 | 0.0 | 44.345 | 1.568 | 0.0 | 42.303 | 1.507 | 0.0 | 43.312 | 1.793 |
| 76 | 15101 | 15102 | NS | 1 | 0.0 | 47.018 | 5.149 | 0.0 | 47.498 | 6.491 | 0.0 | 42.657 | 4.967 | 0.0 | 48.458 | 6.048 | 0.0 | 47.818 | 5.21 | 0.0 | 49.042 | 6.166 | 0.0 | 42.388 | 4.796 | 0.0 | 46.736 | 5.543 |
| 77 | 15101 | 15102 | NS | 1 | 0.0 | 47.018 | 5.129 | 0.0 | 47.498 | 6.521 | 0.0 | 42.657 | 4.953 | 0.0 | 48.458 | 6.062 | 0.0 | 47.818 | 5.2 | 0.0 | 49.042 | 6.156 | 0.0 | 42.388 | 4.796 | 0.0 | 46.736 | 5.543 |
| 78 | 15101 | 15102 | SN | 1 | 0.0 | 48.336 | 4.642 | 0.0 | 47.301 | 5.894 | 0.0 | 42.894 | 4.381 | 0.0 | 46.008 | 5.379 | 0.0 | 47.7 | 4.754 | 0.0 | 46.812 | 5.599 | 0.0 | 43.697 | 4.431 | 0.0 | 46.045 | 4.937 |
| 79 | 15101 | 15102 | SN | 1 | 0.0 | 48.336 | 4.642 | 0.0 | 47.301 | 5.894 | 0.0 | 42.894 | 4.381 | 0.0 | 46.008 | 5.379 | 0.0 | 47.7 | 4.754 | 0.0 | 46.812 | 5.599 | 0.0 | 43.697 | 4.431 | 0.0 | 46.045 | 4.937 |
| 80 | 15101 | 15102 | SN | 1 | 0.0 | 44.872 | 1.214 | 0.0 | 52.047 | 1.461 | 0.0 | 38.587 | 1.203 | 0.0 | 38.845 | 1.682 | 0.0 | 45.077 | 1.237 | 0.0 | 52.038 | 1.395 | 0.0 | 37.9 | 1.249 | 0.0 | 41.044 | 1.513 |
| 81 | 15102 | 15103 | SN | 1 | 0.0 | 48.545 | 5.716 | 0.0 | 49.717 | 6.597 | 0.0 | 45.302 | 5.204 | 0.0 | 44.08 | 6.092 | 0.0 | 50.346 | 5.787 | 0.0 | 51.609 | 6.485 | 0.0 | 46.176 | 5.105 | 0.0 | 41.44 | 5.65 |
| 82 | 15102 | 15103 | SN | 1 | 0.0 | 48.545 | 5.716 | 0.0 | 49.717 | 6.597 | 0.0 | 45.302 | 5.204 | 0.0 | 44.08 | 6.092 | 0.0 | 50.346 | 5.787 | 0.0 | 51.609 | 6.485 | 0.0 | 46.176 | 5.105 | 0.0 | 41.44 | 5.65 |
| 83 | 15102 | 15103 | SN | 1 | 0.0 | 49.75 | 1.367 | 0.0 | 45.536 | 1.701 | 0.0 | 40.723 | 1.353 | 0.0 | 43.859 | 1.824 | 0.0 | 51.592 | 1.431 | 0.0 | 43.481 | 1.644 | 0.0 | 39.887 | 1.364 | 0.0 | 41.076 | 1.675 |
| 84 | 15102 | 15103 | SN | 1 | 0.0 | 49.75 | 1.367 | 0.0 | 45.536 | 1.701 | 0.0 | 40.723 | 1.353 | 0.0 | 43.859 | 1.824 | 0.0 | 51.592 | 1.431 | 0.0 | 43.481 | 1.644 | 0.0 | 39.887 | 1.364 | 0.0 | 41.076 | 1.675 |
| 85 | 15102 | 15103 | NS | 1 | 0.0 | 46.498 | 1.411 | 0.0 | 46.36 | 2.181 | 0.0 | 40.78 | 1.599 | 0.0 | 46.524 | 2.37 | 0.0 | 46.61 | 1.404 | 0.0 | 47.391 | 2.041 | 0.0 | 40.888 | 1.486 | 0.0 | 45.958 | 2.173 |
| 86 | 15102 | 15103 | NS | 1 | 0.0 | 49.948 | 5.32 | 0.808 | 51.011 | 6.932 | 0.0 | 41.243 | 4.915 | 0.0 | 45.689 | 7.18 | 0.0 | 49.033 | 5.35 | 0.618 | 52.108 | 6.79 | 0.0 | 40.497 | 4.844 | 0.0 | 46.306 | 6.569 |
| 87 | 15102 | 15103 | NS | 1 | 0.0 | 46.498 | 1.388 | 0.0 | 46.36 | 2.14 | 0.0 | 40.78 | 1.565 | 0.0 | 46.524 | 2.325 | 0.0 | 46.61 | 1.374 | 0.0 | 47.391 | 2.002 | 0.0 | 40.888 | 1.458 | 0.0 | 45.958 | 2.138 |
| 88 | 15102 | 15103 | NS | 1 | 0.0 | 46.787 | 5.38 | 0.812 | 46.031 | 6.922 | 0.0 | 40.569 | 5.0 | 0.0 | 51.217 | 7.116 | 0.0 | 45.87 | 5.36 | 0.88 | 48.024 | 6.922 | 0.0 | 40.306 | 4.936 | 0.0 | 50.762 | 6.597 |
| 89 | 15102 | 15103 | NS | 1 | 0.0 | 41.118 | 1.37 | 0.0 | 45.779 | 2.14 | 0.0 | 39.449 | 1.547 | 0.0 | 46.463 | 2.352 | 0.0 | 41.011 | 1.397 | 0.0 | 44.328 | 2.029 | 0.0 | 38.724 | 1.492 | 0.0 | 46.917 | 2.141 |
| 90 | 15102 | 15103 | NS | 1 | 0.0 | 49.948 | 5.386 | 0.808 | 51.011 | 7.068 | 0.0 | 41.243 | 5.022 | 0.0 | 45.689 | 7.311 | 0.0 | 49.033 | 5.438 | 0.618 | 52.108 | 6.923 | 0.0 | 40.497 | 4.949 | 0.0 | 46.306 | 6.681 |
| 91 | 15103 | 15104 | SN | 1 | 0.0 | 48.631 | 4.644 | 0.085 | 52.508 | 5.611 | 0.0 | 44.725 | 5.228 | 0.0 | 47.174 | 6.593 | 0.0 | 50.427 | 4.745 | 0.524 | 50.137 | 5.397 | 0.0 | 44.887 | 5.328 | 0.0 | 47.585 | 6.522 |
| 92 | 15103 | 15104 | NS | 1 | 0.0 | 46.817 | 4.727 | 0.0 | 51.518 | 5.794 | 0.0 | 42.044 | 5.247 | 0.0 | 44.937 | 5.832 | 0.0 | 47.66 | 4.748 | 0.0 | 53.443 | 5.496 | 0.0 | 41.905 | 5.24 | 0.0 | 46.367 | 5.369 |
| 93 | 15103 | 15104 | SN | 1 | 0.0 | 51.357 | 4.705 | 0.085 | 49.934 | 5.682 | 0.0 | 46.951 | 5.157 | 0.0 | 45.814 | 6.514 | 0.0 | 53.7 | 4.796 | 0.524 | 48.27 | 5.387 | 0.0 | 47.513 | 5.292 | 0.0 | 43.655 | 6.536 |
| 94 | 15103 | 15104 | NS | 1 | 0.0 | 46.817 | 4.511 | 0.0 | 51.518 | 5.515 | 0.0 | 42.044 | 5.001 | 0.0 | 44.937 | 5.556 | 0.0 | 47.66 | 4.521 | 0.0 | 53.443 | 5.231 | 0.0 | 41.905 | 4.987 | 0.0 | 46.367 | 5.115 |
| 95 | 15103 | 15104 | NS | 1 | 0.0 | 46.817 | 4.511 | 0.0 | 51.518 | 5.515 | 0.0 | 42.044 | 5.001 | 0.0 | 44.937 | 5.556 | 0.0 | 47.66 | 4.521 | 0.0 | 53.443 | 5.231 | 0.0 | 41.905 | 4.987 | 0.0 | 46.367 | 5.115 |
| 96 | 15103 | 15104 | NS | 1 | 0.0 | 41.723 | 1.354 | 0.0 | 44.755 | 1.931 | 0.0 | 39.588 | 1.632 | 0.0 | 39.464 | 2.161 | 0.0 | 41.474 | 1.32 | 0.0 | 42.529 | 1.76 | 0.0 | 38.439 | 1.602 | 0.0 | 40.827 | 1.91 |
| 97 | 15103 | 15104 | SN | 1 | 0.0 | 44.038 | 1.551 | 0.0 | 46.235 | 1.944 | 0.0 | 42.705 | 1.622 | 0.0 | 45.356 | 2.118 | 0.0 | 45.218 | 1.605 | 0.0 | 44.777 | 1.91 | 0.0 | 44.581 | 1.613 | 0.0 | 44.304 | 2.09 |
| 98 | 15103 | 15104 | SN | 1 | 0.0 | 48.229 | 1.569 | 0.0 | 49.043 | 1.991 | 0.0 | 42.434 | 1.599 | 0.0 | 43.469 | 2.083 | 0.0 | 48.31 | 1.607 | 0.0 | 45.558 | 1.953 | 0.0 | 41.825 | 1.579 | 0.0 | 40.846 | 2.044 |
| 99 | 15103 | 15104 | NS | 1 | 0.0 | 41.723 | 1.289 | 0.0 | 44.755 | 1.838 | 0.0 | 39.588 | 1.558 | 0.0 | 39.464 | 2.053 | 0.0 | 41.474 | 1.257 | 0.0 | 42.529 | 1.676 | 0.0 | 38.439 | 1.535 | 0.0 | 40.827 | 1.817 |
| 100 | 15103 | 15104 | NS | 1 | 0.0 | 41.723 | 1.289 | 0.0 | 44.755 | 1.838 | 0.0 | 39.588 | 1.558 | 0.0 | 39.464 | 2.053 | 0.0 | 41.474 | 1.257 | 0.0 | 42.529 | 1.676 | 0.0 | 38.439 | 1.535 | 0.0 | 40.827 | 1.817 |
| 101 | 15104 | 15105 | NS | 1 | 0.0 | 45.988 | 8.056 | 0.0 | 51.316 | 9.451 | 0.0 | 42.745 | 7.732 | 0.0 | 40.83 | 9.257 | 0.0 | 45.631 | 8.19 | 0.0 | 51.658 | 9.641 | 0.0 | 43.88 | 8.594 | 0.0 | 41.375 | 10.516 |
| 102 | 15104 | 15105 | NS | 1 | 0.0 | 45.988 | 7.315 | 0.0 | 51.316 | 8.589 | 0.0 | 42.527 | 7.008 | 0.0 | 40.83 | 8.411 | 0.0 | 45.631 | 7.437 | 0.0 | 51.658 | 8.761 | 0.0 | 43.88 | 7.782 | 0.0 | 41.375 | 9.555 |
| 103 | 15104 | 15105 | NS | 1 | 0.0 | 43.666 | 2.674 | 0.0 | 48.647 | 3.392 | 0.0 | 40.706 | 2.487 | 0.0 | 39.885 | 3.14 | 0.0 | 43.769 | 2.766 | 0.0 | 49.768 | 3.489 | 0.0 | 39.262 | 2.667 | 0.0 | 39.204 | 3.398 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104 | 15104 | 15105 | SN | 1 | 0.0 | 39.031 | 1.603 | 0.0 | 45.926 | 1.998 | 0.0 | 41.306 | 1.813 | 0.0 | 41.774 | 2.381 | 0.0 | 38.817 | 1.641 | 0.0 | 45.099 | 1.978 | 0.0 | 39.901 | 1.852 | 0.0 | 40.799 | 2.316 |
| 105 | 15104 | 15105 | NS | 1 | 0.0 | 43.666 | 2.428 | 0.0 | 48.647 | 3.079 | 0.0 | 40.353 | 2.254 | 0.0 | 39.885 | 2.844 | 0.0 | 43.769 | 2.511 | 0.0 | 49.768 | 3.169 | 0.0 | 39.262 | 2.412 | 0.0 | 39.204 | 3.081 |
| 106 | 15104 | 15105 | NS | 1 | 0.0 | 43.666 | 2.428 | 0.0 | 48.647 | 3.079 | 0.0 | 40.353 | 2.254 | 0.0 | 39.885 | 2.844 | 0.0 | 43.769 | 2.511 | 0.0 | 49.768 | 3.169 | 0.0 | 39.262 | 2.412 | 0.0 | 39.204 | 3.081 |
| 107 | 15104 | 15105 | SN | 1 | 0.0 | 52.044 | 6.085 | 0.147 | 46.956 | 6.986 | 0.0 | 45.536 | 5.449 | 0.0 | 46.156 | 7.235 | 0.0 | 52.561 | 6.197 | 0.259 | 47.32 | 6.996 | 0.0 | 43.764 | 5.677 | 0.0 | 44.372 | 7.207 |
| 108 | 15104 | 15105 | SN | 1 | 0.0 | 46.477 | 5.953 | 0.145 | 45.663 | 7.067 | 0.0 | 42.453 | 5.478 | 0.0 | 46.3 | 7.214 | 0.0 | 47.762 | 6.156 | 0.259 | 46.568 | 6.986 | 0.0 | 43.725 | 5.741 | 0.0 | 44.401 | 7.185 |
| 109 | 15104 | 15105 | SN | 1 | 0.0 | 37.762 | 1.573 | 0.0 | 44.035 | 2.021 | 0.0 | 40.762 | 1.78 | 0.0 | 41.446 | 2.436 | 0.0 | 37.748 | 1.609 | 0.0 | 43.205 | 1.978 | 0.0 | 40.99 | 1.842 | 0.0 | 42.563 | 2.387 |
| 110 | 15104 | 15105 | NS | 1 | 0.0 | 45.988 | 7.315 | 0.0 | 51.316 | 8.589 | 0.0 | 42.527 | 7.008 | 0.0 | 40.83 | 8.411 | 0.0 | 45.631 | 7.437 | 0.0 | 51.658 | 8.761 | 0.0 | 43.88 | 7.782 | 0.0 | 41.375 | 9.555 |
| 111 | 15105 | 15106 | NS | 1 | 0.0 | 49.357 | 1.836 | 0.0 | 47.046 | 2.064 | 0.0 | 41.276 | 1.789 | 0.0 | 41.672 | 2.435 | 0.0 | 48.378 | 1.858 | 0.0 | 45.702 | 2.035 | 0.0 | 40.102 | 1.86 | 0.0 | 41.366 | 2.474 |
| 112 | 15105 | 15106 | NS | 1 | 0.0 | 49.357 | 2.148 | 0.0 | 47.046 | 2.417 | 0.0 | 41.276 | 2.066 | 0.0 | 41.672 | 2.85 | 0.0 | 48.378 | 2.174 | 0.0 | 45.702 | 2.385 | 0.0 | 40.102 | 2.148 | 0.0 | 41.366 | 2.897 |
| 113 | 15105 | 15106 | NS | 1 | 0.0 | 47.462 | 6.133 | 0.0 | 52.504 | 7.666 | 0.0 | 48.157 | 6.155 | 0.0 | 47.388 | 7.346 | 0.0 | 47.712 | 6.183 | 0.0 | 50.051 | 7.443 | 0.0 | 48.003 | 6.425 | 0.0 | 48.564 | 7.474 |
| 114 | 15105 | 15106 | SN | 1 | 0.0 | 47.434 | 2.214 | 0.0 | 43.746 | 2.899 | 0.0 | 43.07 | 2.117 | 0.0 | 40.709 | 2.633 | 0.0 | 47.998 | 2.277 | 0.0 | 42.092 | 2.816 | 0.0 | 44.853 | 2.11 | 0.0 | 41.052 | 2.652 |
| 115 | 15105 | 15106 | NS | 1 | 0.0 | 47.462 | 6.143 | 0.0 | 52.504 | 7.666 | 0.0 | 48.157 | 6.155 | 0.0 | 47.388 | 7.36 | 0.0 | 47.712 | 6.183 | 0.0 | 50.051 | 7.443 | 0.0 | 48.003 | 6.425 | 0.0 | 48.564 | 7.481 |
| 116 | 15105 | 15106 | NS | 1 | 0.0 | 49.357 | 1.836 | 0.0 | 47.046 | 2.064 | 0.0 | 41.276 | 1.793 | 0.0 | 41.672 | 2.435 | 0.0 | 48.378 | 1.858 | 0.0 | 45.702 | 2.035 | 0.0 | 40.102 | 1.86 | 0.0 | 41.366 | 2.472 |
| 117 | 15105 | 15106 | SN | 1 | 0.0 | 49.145 | 7.33 | 0.0 | 51.937 | 8.816 | 0.0 | 42.983 | 6.782 | 0.0 | 44.513 | 8.809 | 0.0 | 49.362 | 7.451 | 0.0 | 52.645 | 9.02 | 0.0 | 43.972 | 6.96 | 0.0 | 46.315 | 8.653 |
| 118 | 15105 | 15106 | NS | 1 | 0.0 | 47.462 | 7.162 | 0.0 | 52.504 | 8.94 | 0.0 | 48.157 | 7.104 | 0.0 | 47.388 | 8.458 | 0.0 | 47.712 | 7.245 | 0.0 | 50.051 | 8.714 | 0.0 | 48.003 | 7.455 | 0.0 | 48.564 | 8.667 |
| 119 | 15105 | 15106 | SN | 1 | 0.0 | 45.87 | 6.957 | 0.0 | 51.937 | 9.073 | 0.0 | 44.937 | 6.63 | 0.0 | 45.861 | 9.052 | 0.0 | 46.098 | 7.143 | 0.0 | 52.645 | 9.281 | 0.0 | 44.137 | 6.898 | 0.0 | 46.315 | 9.06 |
| 120 | 15105 | 15106 | SN | 1 | 0.0 | 44.792 | 2.287 | 0.0 | 43.7 | 3.043 | 0.0 | 43.07 | 2.082 | 0.0 | 39.156 | 2.692 | 0.0 | 46.0 | 2.312 | 0.0 | 44.76 | 2.953 | 0.0 | 41.911 | 2.152 | 0.0 | 37.782 | 2.729 |
| 121 | 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 |
| 122 | 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 |
| 123 | 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 |
| 124 | 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 |
| 125 | 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 |
| 126 | 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 |
| 127 | 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 |
| 128 | 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 |
| 129 | 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 |
| 130 | 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 |
| 131 | 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 |
| 132 | 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 |
| 133 | 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 |
| 134 | 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 |
| 135 | 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 |
| 136 | 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 |
| 137 | 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 |
| 138 | 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 |
| 139 | 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 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 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 |
| 141 | 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 |
| 142 | 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 |
| 143 | 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 |
| 144 | 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 |
| 145 | 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 |
| 146 | 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 |
| 147 | 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 |
| 148 | 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 |
| 149 | 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 |
| 150 | 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 |
| 151 | 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 |
| 152 | 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 |
| 153 | 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 |
| 154 | 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 |
| 155 | 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 |
| 156 | 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 |
| 157 | 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 |
| 158 | 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 |
| 159 | 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 |
| 160 | 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 |
| 161 | 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 |
| 162 | 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 |
| 163 | 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 |
| 164 | 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 |
| 165 | 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 |
| 166 | 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 |
| 167 | 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 |
| 168 | 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 |
| 169 | 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 |
| 170 | 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 |
| 171 | 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 |
| 172 | 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 |
| 173 | 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 |
| 174 | 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 |
| 175 | 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 |

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

Normal
Deviations
Alarming
High Errors

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 176 | 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 |
| 177 | 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 |
| 178 | 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 |
| 179 | 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 |
| 180 | 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 |
| 181 | 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 |
| 182 | 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 |
| 183 | 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 |
| 184 | 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 |
| 185 | 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 |
| 186 | 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 |
| 187 | 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 |
| 188 | 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 |
| 189 | 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 |
| 190 | 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 |
| 191 | 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 |
| 192 | 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 |
| 193 | 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 |
| 194 | 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 |
| 195 | 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 |
| 196 | 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 |
| 197 | 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 |
| 198 | 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 |
| 199 | 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 |
| 200 | 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 |
| 201 | 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 |
| 202 | 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 |
| 203 | 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 |
| 204 | 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 |
| 205 | 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 |
| 206 | 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 |
| 207 | 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 |
| 208 | 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 |
| 209 | 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 |
| 210 | 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 |
| 211 | 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 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 212 | 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 |
| 213 | 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 |
| 214 | 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 |
| 215 | 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 |
| 216 | 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 |
| 217 | 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 |
| 218 | 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 |
| 219 | 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 |
| 220 | 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 |
| 221 | 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 |
| 222 | 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 |
| 223 | 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 |
| 224 | 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 |
| 225 | 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 |
| 226 | 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 |
| 227 | 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 |
| 228 | 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 |
| 229 | 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 |
| 230 | 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 |
| 231 | 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 |
| 232 | 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 |

| 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 | 15091 | 15092 | SN | 1 | 0.0 | 23.284 | 5.712 | 0.0 | 25.568 | 6.905 | 0.0 | 128.615 | 1.927 | 0.0 | 64.255 | 2.802 | 0.0 | 1.409 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.108 | 0.0 |
| 2 | 15091 | 15092 | SN | 1 | 0.0 | 23.284 | 5.759 | 0.0 | 25.568 | 6.817 | 0.0 | 128.615 | 1.959 | 0.0 | 12.078 | 2.583 | 0.0 | 1.409 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.108 | 0.0 |
| 3 | 15091 | 15092 | SN | 1 | 0.0 | 29.627 | 12.905 | 0.667 | 27.316 | 13.33 | 0.0 | 131.345 | 9.726 | 0.0 | 14.598 | 11.026 | 0.0 | 1.418 | 0.0 | 0.001 | 1.757 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.109 | 0.0 |
| 4 | 15091 | 15092 | SN | 1 | 0.0 | 29.627 | 12.85 | 0.667 | 27.36 | 13.809 | 0.0 | 131.345 | 9.499 | 0.0 | 56.093 | 11.815 | 0.0 | 1.418 | 0.0 | 0.001 | 1.757 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.109 | 0.0 |
| 5 | 15091 | 15092 | SN | 1 | 0.0 | 29.627 | 12.85 | 0.667 | 27.36 | 13.809 | 0.0 | 131.345 | 9.499 | 0.0 | 56.093 | 11.815 | 0.0 | 1.418 | 0.0 | 0.001 | 1.757 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.109 | 0.0 |
| 6 | 15091 | 15092 | SN | 1 | 0.0 | 23.284 | 5.712 | 0.0 | 25.568 | 6.905 | 0.0 | 128.615 | 1.927 | 0.0 | 64.255 | 2.802 | 0.0 | 1.409 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.108 | 0.0 |
| 7 | 15092 | 15093 | NS | 1 | 0.0 | 47.559 | 10.488 | 0.0 | 30.156 | 14.4 | 0.0 | 354.673 | 11.124 | 0.0 | 76.67 | 13.358 | 0.0 | 1.411 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.157 | 0.0 |
| 8 | 15092 | 15093 | SN | 1 | 0.0 | 23.29 | 5.723 | 0.0 | 25.568 | 6.883 | 0.0 | 116.852 | 1.936 | 0.0 | 63.643 | 2.856 | 0.0 | 1.409 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.107 | 0.0 |
| 9 | 15092 | 15093 | SN | 1 | 0.0 | 23.29 | 5.723 | 0.0 | 25.568 | 6.883 | 0.0 | 116.852 | 1.934 | 0.0 | 63.643 | 2.856 | 0.0 | 1.409 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.107 | 0.0 |
| 10 | 15092 | 15093 | SN | 1 | 0.0 | 29.544 | 12.828 | 0.667 | 27.354 | 13.809 | 0.0 | 132.002 | 9.498 | 0.0 | 57.759 | 11.879 | 0.0 | 1.417 | 0.0 | 0.001 | 1.758 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.11 | 0.0 |
| 11 | 15092 | 15093 | NS | 1 | 0.0 | 264.67 | 6.459 | 0.0 | 24.696 | 7.51 | 0.0 | 351.066 | 3.104 | 0.0 | 135.101 | 3.812 | 0.0 | 1.422 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.158 | 0.0 |
| 12 | 15092 | 15093 | SN | 1 | 0.0 | 29.544 | 12.828 | 0.667 | 27.354 | 13.809 | 0.0 | 132.002 | 9.498 | 0.0 | 57.759 | 11.879 | 0.0 | 1.417 | 0.0 | 0.001 | 1.758 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.11 | 0.0 |
| 13 | 15093 | 15094 | NS | 1 | 0.0 | 268.2 | 6.45 | 0.0 | 85.494 | 7.487 | 0.0 | 249.603 | 3.094 | 0.0 | 120.767 | 3.77 | 0.0 | 1.431 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 14 | 15093 | 15094 | SN | 1 | 0.0 | 23.295 | 5.738 | 0.0 | 25.551 | 6.87 | 0.0 | 161.656 | 1.957 | 0.0 | 153.769 | 2.814 | 0.0 | 1.411 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.11 | 0.0 |
| 15 | 15093 | 15094 | SN | 1 | 0.0 | 29.616 | 12.876 | 0.0 | 27.343 | 13.663 | 0.0 | 159.262 | 9.523 | 0.0 | 282.443 | 11.727 | 0.0 | 1.421 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 2.11 | 0.0 |
| 16 | 15093 | 15094 | SN | 1 | 0.0 | 29.616 | 12.876 | 0.0 | 27.343 | 13.663 | 0.0 | 159.262 | 9.523 | 0.0 | 282.443 | 11.727 | 0.0 | 1.421 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 2.11 | 0.0 |
| 17 | 15093 | 15094 | SN | 1 | 0.0 | 23.295 | 5.727 | 0.0 | 25.551 | 6.896 | 0.0 | 161.656 | 1.951 | 0.0 | 153.769 | 2.915 | 0.0 | 1.411 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.11 | 0.0 |
| 18 | 15093 | 15094 | SN | 1 | 0.0 | 29.616 | 12.854 | 0.0 | 27.343 | 13.788 | 0.0 | 159.262 | 9.474 | 0.0 | 282.443 | 11.935 | 0.0 | 1.421 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 2.11 | 0.0 |
| 19 | 15093 | 15094 | NS | 1 | 0.0 | 273.296 | 10.416 | 0.0 | 85.51 | 14.488 | 0.0 | 249.576 | 11.19 | 0.0 | 88.51 | 13.319 | 0.0 | 1.402 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.155 | 0.0 |
| 20 | 15093 | 15094 | SN | 1 | 0.0 | 23.295 | 5.738 | 0.0 | 25.551 | 6.87 | 0.0 | 161.656 | 1.957 | 0.0 | 153.769 | 2.816 | 0.0 | 1.411 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.11 | 0.0 |
| 21 | 15094 | 15095 | NS | 1 | 0.0 | 156.59 | 10.342 | 0.0 | 30.15 | 14.468 | 0.0 | 137.144 | 11.117 | 0.0 | 78.037 | 13.277 | 0.0 | 1.396 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.156 | 0.0 |
| 22 | 15094 | 15095 | SN | 1 | 0.0 | 29.599 | 12.888 | 0.0 | 52.776 | 13.608 | 0.0 | 154.74 | 9.586 | 0.0 | 18.415 | 11.521 | 0.0 | 1.423 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 2.111 | 0.0 |
| 23 | 15094 | 15095 | SN | 1 | 0.0 | 23.301 | 5.737 | 0.0 | 231.021 | 6.873 | 0.0 | 163.619 | 1.969 | 0.0 | 27.922 | 2.949 | 0.0 | 1.411 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.11 | 0.0 |
| 24 | 15094 | 15095 | NS | 1 | 0.0 | 119.767 | 6.449 | 0.0 | 24.685 | 7.503 | 0.0 | 249.755 | 3.058 | 0.0 | 124.192 | 3.707 | 0.0 | 1.431 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.157 | 0.0 |
| 25 | 15094 | 15095 | SN | 1 | 0.0 | 29.599 | 12.852 | 0.0 | 52.776 | 13.823 | 0.0 | 154.74 | 9.503 | 0.0 | 38.153 | 11.906 | 0.0 | 1.423 | 0.0 | 0.0 | 1.758 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 2.111 | 0.0 |
| 26 | 15094 | 15095 | SN | 1 | 0.0 | 23.301 | 5.759 | 0.0 | 231.021 | 6.837 | 0.0 | 163.619 | 1.982 | 0.0 | 13.181 | 2.827 | 0.0 | 1.411 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.11 | 0.0 |
| 27 | 15095 | 15096 | NS | 1 | 0.0 | 25.849 | 10.298 | 0.0 | 30.095 | 14.473 | 0.0 | 149.294 | 11.071 | 0.0 | 72.71 | 13.247 | 0.0 | 1.409 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.156 | 0.0 |
| 28 | 15095 | 15096 | SN | 1 | 0.0 | 23.295 | 5.756 | 0.0 | 25.54 | 6.873 | 0.0 | 169.923 | 1.957 | 0.0 | 67.829 | 2.975 | 0.0 | 1.409 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.11 | 0.0 |
| 29 | 15095 | 15096 | SN | 1 | 0.0 | 29.704 | 12.85 | 0.0 | 27.338 | 13.416 | 0.0 | 138.735 | 9.735 | 0.0 | 15.701 | 11.342 | 0.0 | 1.417 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.11 | 0.0 |
| 30 | 15095 | 15096 | NS | 1 | 0.0 | 24.233 | 6.452 | 0.0 | 24.685 | 7.514 | 0.0 | 315.781 | 3.037 | 0.0 | 74.954 | 3.687 | 0.0 | 1.432 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.156 | 0.0 |
| 31 | 15095 | 15096 | NS | 1 | 0.0 | 24.233 | 6.458 | 0.0 | 24.685 | 7.514 | 0.0 | 315.786 | 3.034 | 0.0 | 74.971 | 3.685 | 0.0 | 1.432 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.156 | 0.0 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 15095 | 15096 | SN | 1 | 0.0 | 29.704 | 12.809 | 0.0 | 27.338 | 13.784 | 0.0 | 138.735 | 9.61 | 0.0 | 36.713 | 11.935 | 0.0 | 1.417 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.83 | 0.0 | 0.0 | 2.11 | 0.0 |
| 33 | 15095 | 15096 | NS | 1 | 0.0 | 25.849 | 10.308 | 0.0 | 30.095 | 14.483 | 0.0 | 149.305 | 11.078 | 0.0 | 72.699 | 13.247 | 0.0 | 1.409 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.156 | 0.0 |
| 34 | 15095 | 15096 | SN | 1 | 0.0 | 23.295 | 5.782 | 0.0 | 25.54 | 6.805 | 0.0 | 169.923 | 1.977 | 0.0 | 12.298 | 2.802 | 0.0 | 1.409 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.11 | 0.0 |
| 35 | 15096 | 15097 | NS | 1 | 0.0 | 25.893 | 10.447 | 0.827 | 30.156 | 14.402 | 0.0 | 335.37 | 11.08 | 0.0 | 79.212 | 13.286 | 0.0 | 1.41 | 0.0 | 0.001 | 1.797 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.157 | 0.0 |
| 36 | 15096 | 15097 | SN | 1 | 0.0 | 29.566 | 12.875 | 0.0 | 27.316 | 13.343 | 0.0 | 134.362 | 9.793 | 0.0 | 249.366 | 11.189 | 0.0 | 1.42 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.11 | 0.0 |
| 37 | 15096 | 15097 | SN | 1 | 0.0 | 23.279 | 5.752 | 0.0 | 226.457 | 6.9 | 0.0 | 120.701 | 1.974 | 0.0 | 249.366 | 2.951 | 0.0 | 1.41 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.11 | 0.0 |
| 38 | 15096 | 15097 | NS | 1 | 0.0 | 24.222 | 6.452 | 0.0 | 24.691 | 7.516 | 0.0 | 324.732 | 3.037 | 0.0 | 137.599 | 3.72 | 0.0 | 1.425 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.156 | 0.0 |
| 39 | 15096 | 15097 | SN | 1 | 0.0 | 29.566 | 12.832 | 0.0 | 83.577 | 13.804 | 0.0 | 134.362 | 9.606 | 0.0 | 249.366 | 11.985 | 0.0 | 1.42 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.11 | 0.0 |
| 40 | 15096 | 15097 | SN | 1 | 0.0 | 23.279 | 5.793 | 0.0 | 226.457 | 6.811 | 0.0 | 120.701 | 2.001 | 0.0 | 249.366 | 2.752 | 0.0 | 1.41 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.11 | 0.0 |
| 41 | 15096 | 15097 | NS | 1 | 0.0 | 25.876 | 10.349 | 0.0 | 30.051 | 14.473 | 0.0 | 334.421 | 11.064 | 0.0 | 84.793 | 13.254 | 0.0 | 1.405 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.157 | 0.0 |
| 42 | 15096 | 15097 | NS | 1 | 0.0 | 24.205 | 6.446 | 0.0 | 24.691 | 7.514 | 0.0 | 323.27 | 3.05 | 0.0 | 130.27 | 3.718 | 0.0 | 1.426 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.157 | 0.0 |
| 43 | 15097 | 15098 | SN | 1 | 0.0 | 29.698 | 12.827 | 0.667 | 27.354 | 13.737 | 0.0 | 130.264 | 9.576 | 0.0 | 56.86 | 12.029 | 0.0 | 1.421 | 0.0 | 0.001 | 1.757 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.109 | 0.0 |
| 44 | 15097 | 15098 | SN | 1 | 0.0 | 29.698 | 12.827 | 0.667 | 27.354 | 13.737 | 0.0 | 130.264 | 9.576 | 0.0 | 56.86 | 12.029 | 0.0 | 1.421 | 0.0 | 0.001 | 1.757 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.109 | 0.0 |
| 45 | 15097 | 15098 | SN | 1 | 0.0 | 23.284 | 5.756 | 0.0 | 258.651 | 6.912 | 0.0 | 127.093 | 1.962 | 0.0 | 50.363 | 2.943 | 0.0 | 1.409 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.108 | 0.0 |
| 46 | 15097 | 15098 | SN | 1 | 0.0 | 23.284 | 5.756 | 0.0 | 258.651 | 6.912 | 0.0 | 127.093 | 1.964 | 0.0 | 50.363 | 2.943 | 0.0 | 1.409 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.108 | 0.0 |
| 47 | 15097 | 15098 | NS | 1 | 0.0 | 235.372 | 10.521 | 0.0 | 30.134 | 14.418 | 0.0 | 355.235 | 11.095 | 0.0 | 59.044 | 13.321 | 0.0 | 1.407 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.157 | 0.0 |
| 48 | 15097 | 15098 | SN | 1 | 0.0 | 23.284 | 5.818 | 0.0 | 258.651 | 6.822 | 0.0 | 127.093 | 2.003 | 0.0 | 12.056 | 2.703 | 0.0 | 1.409 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.108 | 0.0 |
| 49 | 15097 | 15098 | NS | 1 | 0.0 | 61.479 | 10.501 | 0.0 | 30.139 | 14.407 | 0.0 | 355.235 | 11.081 | 0.0 | 59.049 | 13.286 | 0.0 | 1.407 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.157 | 0.0 |
| 50 | 15097 | 15098 | NS | 1 | 0.0 | 206.286 | 6.454 | 0.0 | 24.691 | 7.5 | 0.0 | 354.402 | 3.061 | 0.0 | 151.194 | 3.744 | 0.0 | 1.425 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.157 | 0.0 |
| 51 | 15097 | 15098 | SN | 1 | 0.0 | 29.698 | 12.892 | 0.667 | 27.189 | 13.232 | 0.0 | 130.264 | 9.81 | 0.0 | 14.598 | 11.071 | 0.0 | 1.421 | 0.0 | 0.001 | 1.757 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.109 | 0.0 |
| 52 | 15097 | 15098 | NS | 1 | 0.0 | 105.836 | 6.465 | 0.0 | 24.691 | 7.496 | 0.0 | 354.402 | 3.057 | 0.0 | 151.183 | 3.746 | 0.0 | 1.426 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.157 | 0.0 |
| 53 | 15098 | 15099 | SN | 1 | 0.0 | 29.671 | 12.908 | 0.667 | 25.573 | 13.166 | 0.0 | 129.652 | 9.826 | 0.0 | 14.598 | 10.976 | 0.0 | 1.418 | 0.0 | 0.001 | 1.757 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.104 | 0.0 |
| 54 | 15098 | 15099 | SN | 1 | 0.0 | 29.671 | 12.817 | 0.667 | 27.349 | 13.768 | 0.0 | 129.652 | 9.505 | 0.0 | 58.249 | 12.086 | 0.0 | 1.418 | 0.0 | 0.001 | 1.757 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.104 | 0.0 |
| 55 | 15098 | 15099 | SN | 1 | 0.0 | 29.671 | 12.817 | 0.667 | 27.354 | 13.768 | 0.0 | 129.652 | 9.505 | 0.0 | 58.26 | 12.086 | 0.0 | 1.418 | 0.0 | 0.001 | 1.757 | 0.0 | 0.0 | 1.827 | 0.0 | 0.0 | 2.104 | 0.0 |
| 56 | 15098 | 15099 | NS | 1 | 0.0 | 24.216 | 6.461 | 0.0 | 24.691 | 7.48 | 0.0 | 126.081 | 3.1 | 0.0 | 129.674 | 3.815 | 0.0 | 1.431 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.157 | 0.0 |
| 57 | 15098 | 15099 | NS | 1 | 0.0 | 26.367 | 10.501 | 0.0 | 30.145 | 14.407 | 0.0 | 241.428 | 11.117 | 0.0 | 69.131 | 13.357 | 0.0 | 1.411 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.158 | 0.0 |
| 58 | 15098 | 15099 | SN | 1 | 0.0 | 23.284 | 5.797 | 0.0 | 130.893 | 6.804 | 0.0 | 114.927 | 2.005 | 0.0 | 12.05 | 2.598 | 0.0 | 1.408 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.108 | 0.0 |
| 59 | 15098 | 15099 | SN | 1 | 0.0 | 23.284 | 5.709 | 0.0 | 130.893 | 6.896 | 0.0 | 114.927 | 1.946 | 0.0 | 49.96 | 2.85 | 0.0 | 1.408 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.108 | 0.0 |
| 60 | 15098 | 15099 | SN | 1 | 0.0 | 23.284 | 5.709 | 0.0 | 130.893 | 6.894 | 0.0 | 114.927 | 1.946 | 0.0 | 49.977 | 2.845 | 0.0 | 1.408 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.108 | 0.0 |
| 61 | 15099 | 15100 | NS | 1 | 0.0 | 24.244 | 6.456 | 0.0 | 24.696 | 7.483 | 0.0 | 351.617 | 3.123 | 0.0 | 123.321 | 3.829 | 0.0 | 1.43 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.159 | 0.0 |
| 62 | 15099 | 15100 | SN | 1 | 0.0 | 23.273 | 5.696 | 0.0 | 191.489 | 6.88 | 0.0 | 134.941 | 1.933 | 0.0 | 59.722 | 2.823 | 0.0 | 1.409 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 2.108 | 0.0 |
| 63 | 15099 | 15100 | NS | 1 | 0.0 | 24.244 | 6.462 | 0.0 | 24.696 | 7.489 | 0.0 | 351.612 | 3.123 | 0.0 | 123.271 | 3.822 | 0.0 | 1.426 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.159 | 0.0 |
| 64 | 15099 | 15100 | NS | 1 | 0.0 | 26.18 | 10.36 | 0.0 | 30.15 | 14.468 | 0.0 | 157.975 | 11.181 | 0.0 | 77.293 | 13.376 | 0.0 | 1.4 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.158 | 0.0 |
| 65 | 15099 | 15100 | SN | 1 | 0.0 | 29.527 | 12.885 | 0.0 | 218.717 | 13.823 | 0.0 | 130.253 | 9.481 | 0.0 | 36.195 | 12.07 | 0.0 | 1.419 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 2.108 | 0.0 |
| 66 | 15099 | 15100 | NS | 1 | 0.0 | 26.18 | 10.37 | 0.0 | 30.156 | 14.478 | 0.0 | 157.975 | 11.181 | 0.0 | 77.326 | 13.419 | 0.0 | 1.4 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.158 | 0.0 |
| 67 | 15100 | 15101 | NS | 1 | 0.0 | 158.06 | 6.463 | 0.0 | 24.702 | 7.49 | 0.0 | 299.699 | 3.099 | 0.0 | 68.579 | 3.783 | 0.0 | 1.425 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.156 | 0.0 |
| 68 | 15100 | 15101 | SN | 1 | 0.0 | 23.29 | 5.69 | 0.0 | 124.305 | 6.891 | 0.0 | 138.267 | 1.922 | 0.0 | 70.68 | 2.833 | 0.0 | 1.411 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.108 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | 15100 | 15101 | NS | 1 | 0.0 | 158.06 | 6.463 | 0.0 | 24.702 | 7.487 | 0.0 | 299.716 | 3.097 | 0.0 | 68.59 | 3.775 | 0.0 | 1.427 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.156 | 0.0 |
| 70 | 15100 | 15101 | SN | 1 | 0.0 | 29.61 | 12.837 | 0.0 | 52.219 | 13.739 | 0.0 | 139.138 | 9.464 | 0.0 | 130.642 | 11.975 | 0.0 | 1.419 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.108 | 0.0 |
| 71 | 15100 | 15101 | NS | 1 | 0.0 | 121.562 | 10.318 | 0.0 | 30.139 | 14.493 | 0.0 | 272.24 | 11.135 | 0.0 | 67.581 | 13.304 | 0.0 | 1.407 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.157 | 0.0 |
| 72 | 15100 | 15101 | NS | 1 | 0.0 | 121.562 | 10.349 | 0.0 | 30.139 | 14.493 | 0.0 | 272.24 | 11.135 | 0.0 | 67.575 | 13.311 | 0.0 | 1.407 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.157 | 0.0 |
| 73 | 15101 | 15102 | NS | 1 | 0.0 | 197.699 | 6.447 | 0.0 | 24.702 | 7.51 | 0.0 | 338.657 | 3.103 | 0.0 | 75.942 | 3.77 | 0.0 | 1.425 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.156 | 0.0 |
| 74 | 15101 | 15102 | SN | 1 | 0.0 | 23.279 | 5.718 | 0.0 | 25.551 | 6.896 | 0.0 | 124.391 | 1.938 | 0.0 | 179.731 | 2.871 | 0.0 | 1.41 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.108 | 0.0 |
| 75 | 15101 | 15102 | NS | 1 | 0.0 | 197.699 | 6.447 | 0.0 | 24.702 | 7.51 | 0.0 | 338.657 | 3.104 | 0.0 | 75.953 | 3.769 | 0.0 | 1.425 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.156 | 0.0 |
| 76 | 15101 | 15102 | NS | 1 | 0.0 | 123.859 | 10.349 | 0.0 | 30.101 | 14.513 | 0.0 | 203.989 | 11.142 | 0.0 | 73.449 | 13.318 | 0.0 | 1.409 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.156 | 0.0 |
| 77 | 15101 | 15102 | NS | 1 | 0.0 | 123.859 | 10.349 | 0.0 | 30.101 | 14.513 | 0.0 | 203.989 | 11.142 | 0.0 | 73.449 | 13.318 | 0.0 | 1.409 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.156 | 0.0 |
| 78 | 15101 | 15102 | SN | 1 | 0.0 | 29.665 | 12.802 | 0.0 | 27.354 | 13.733 | 0.0 | 138.349 | 9.551 | 0.0 | 213.251 | 12.013 | 0.0 | 1.42 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.109 | 0.0 |
| 79 | 15101 | 15102 | SN | 1 | 0.0 | 29.665 | 12.802 | 0.0 | 27.354 | 13.733 | 0.0 | 138.349 | 9.551 | 0.0 | 213.251 | 12.013 | 0.0 | 1.42 | 0.0 | 0.0 | 1.756 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.109 | 0.0 |
| 80 | 15101 | 15102 | SN | 1 | 0.0 | 23.279 | 5.718 | 0.0 | 25.551 | 6.896 | 0.0 | 124.391 | 1.938 | 0.0 | 179.731 | 2.871 | 0.0 | 1.41 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.108 | 0.0 |
| 81 | 15102 | 15103 | SN | 1 | 0.0 | 29.599 | 12.831 | 0.0 | 197.98 | 13.774 | 0.0 | 134.224 | 9.5 | 0.0 | 50.203 | 12.056 | 0.0 | 1.419 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.108 | 0.0 |
| 82 | 15102 | 15103 | SN | 1 | 0.0 | 29.599 | 12.831 | 0.0 | 197.98 | 13.774 | 0.0 | 134.224 | 9.5 | 0.0 | 50.203 | 12.056 | 0.0 | 1.419 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.829 | 0.0 | 0.0 | 2.108 | 0.0 |
| 83 | 15102 | 15103 | SN | 1 | 0.0 | 23.284 | 5.716 | 0.0 | 161.118 | 6.907 | 0.0 | 132.669 | 1.942 | 0.0 | 67.862 | 2.917 | 0.0 | 1.411 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.107 | 0.0 |
| 84 | 15102 | 15103 | SN | 1 | 0.0 | 23.284 | 5.716 | 0.0 | 161.118 | 6.907 | 0.0 | 132.669 | 1.942 | 0.0 | 67.862 | 2.917 | 0.0 | 1.411 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.107 | 0.0 |
| 85 | 15102 | 15103 | NS | 1 | 0.0 | 24.216 | 6.523 | 0.0 | 24.696 | 7.51 | 0.0 | 355.412 | 3.197 | 0.0 | 14.129 | 3.743 | 0.0 | 1.432 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 86 | 15102 | 15103 | NS | 1 | 0.0 | 25.81 | 10.457 | 0.645 | 30.162 | 14.422 | 0.0 | 354.237 | 11.115 | 0.0 | 64.266 | 13.379 | 0.0 | 1.408 | 0.0 | 0.001 | 1.798 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.158 | 0.0 |
| 87 | 15102 | 15103 | NS | 1 | 0.0 | 24.216 | 6.437 | 0.0 | 24.696 | 7.487 | 0.0 | 355.412 | 3.138 | 0.0 | 77.238 | 3.805 | 0.0 | 1.432 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 88 | 15102 | 15103 | NS | 1 | 0.0 | 25.81 | 10.447 | 0.64 | 30.167 | 14.422 | 0.0 | 354.231 | 11.129 | 0.0 | 64.266 | 13.365 | 0.0 | 1.408 | 0.0 | 0.001 | 1.798 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.158 | 0.0 |
| 89 | 15102 | 15103 | NS | 1 | 0.0 | 24.216 | 6.433 | 0.0 | 24.696 | 7.492 | 0.0 | 355.423 | 3.147 | 0.0 | 77.243 | 3.805 | 0.0 | 1.432 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 90 | 15102 | 15103 | NS | 1 | 0.0 | 25.81 | 10.484 | 0.645 | 28.744 | 14.207 | 0.0 | 354.237 | 11.324 | 0.0 | 17.174 | 13.131 | 0.0 | 1.408 | 0.0 | 0.001 | 1.798 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.158 | 0.0 |
| 91 | 15103 | 15104 | SN | 1 | 0.0 | 29.599 | 12.827 | 0.667 | 27.354 | 13.768 | 0.0 | 129.922 | 9.519 | 0.0 | 56.766 | 11.987 | 0.0 | 1.418 | 0.0 | 0.001 | 1.757 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.107 | 0.0 |
| 92 | 15103 | 15104 | NS | 1 | 0.0 | 270.762 | 10.593 | 0.0 | 28.744 | 13.942 | 0.0 | 354.435 | 11.667 | 0.0 | 14.284 | 12.911 | 0.0 | 1.407 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.158 | 0.0 |
| 93 | 15103 | 15104 | SN | 1 | 0.0 | 29.599 | 12.827 | 0.667 | 27.354 | 13.768 | 0.0 | 129.922 | 9.519 | 0.0 | 56.766 | 11.987 | 0.0 | 1.418 | 0.0 | 0.001 | 1.757 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.107 | 0.0 |
| 94 | 15103 | 15104 | NS | 1 | 0.0 | 270.762 | 10.492 | 0.0 | 30.162 | 14.416 | 0.0 | 354.435 | 11.102 | 0.0 | 76.372 | 13.399 | 0.0 | 1.407 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.158 | 0.0 |
| 95 | 15103 | 15104 | NS | 1 | 0.0 | 270.762 | 10.492 | 0.0 | 30.162 | 14.416 | 0.0 | 354.435 | 11.102 | 0.0 | 76.372 | 13.399 | 0.0 | 1.407 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.158 | 0.0 |
| 96 | 15103 | 15104 | NS | 1 | 0.0 | 238.251 | 6.638 | 0.0 | 24.696 | 7.641 | 0.0 | 350.343 | 3.295 | 0.0 | 14.129 | 3.836 | 0.0 | 1.432 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 97 | 15103 | 15104 | SN | 1 | 0.0 | 23.284 | 5.727 | 0.0 | 25.557 | 6.901 | 0.0 | 127.27 | 1.952 | 0.0 | 49.017 | 2.882 | 0.0 | 1.408 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.108 | 0.0 |
| 98 | 15103 | 15104 | SN | 1 | 0.0 | 23.284 | 5.727 | 0.0 | 25.557 | 6.901 | 0.0 | 127.27 | 1.952 | 0.0 | 49.017 | 2.882 | 0.0 | 1.408 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.108 | 0.0 |
| 99 | 15103 | 15104 | NS | 1 | 0.0 | 238.251 | 6.455 | 0.0 | 24.696 | 7.547 | 0.0 | 350.343 | 3.135 | 0.0 | 136.232 | 3.847 | 0.0 | 1.432 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 100 | 15103 | 15104 | NS | 1 | 0.0 | 238.251 | 6.455 | 0.0 | 24.696 | 7.547 | 0.0 | 350.343 | 3.135 | 0.0 | 136.232 | 3.847 | 0.0 | 1.432 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 101 | 15104 | 15105 | NS | 1 | 0.0 | 25.937 | 10.704 | 0.0 | 28.744 | 13.836 | 0.0 | 259.467 | 12.252 | 0.0 | 14.284 | 12.793 | 0.0 | 1.403 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.157 | 0.0 |
| 102 | 15104 | 15105 | NS | 1 | 0.0 | 25.937 | 10.466 | 0.0 | 30.162 | 14.51 | 0.0 | 259.467 | 11.147 | 0.0 | 68.75 | 13.456 | 0.0 | 1.403 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.157 | 0.0 |
| 103 | 15104 | 15105 | NS | 1 | 0.0 | 24.211 | 6.803 | 0.0 | 24.696 | 7.761 | 0.0 | 267.671 | 3.487 | 0.0 | 14.135 | 4.025 | 0.0 | 1.434 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 104 | 15104 | 15105 | SN | 1 | 0.0 | 23.268 | 5.725 | 0.0 | 163.506 | 6.899 | 0.0 | 121.446 | 1.944 | 0.0 | 264.017 | 2.89 | 0.0 | 1.408 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.107 | 0.0 |
| 105 | 15104 | 15105 | NS | 1 | 0.0 | 24.211 | 6.468 | 0.0 | 24.696 | 7.557 | 0.0 | 267.671 | 3.16 | 0.0 | 119.565 | 3.871 | 0.0 | 1.434 | 0.0 | 0.0 | 1.8 | 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

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106 | 15104 | 15105 | NS | 1 | 0.0 | 24.211 | 6.468 | 0.0 | 24.696 | 7.557 | 0.0 | 267.671 | 3.16 | 0.0 | 119.565 | 3.871 | 0.0 | 1.434 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 107 | 15104 | 15105 | SN | 1 | 0.0 | 29.439 | 12.789 | 0.667 | 86.318 | 13.768 | 0.0 | 128.88 | 9.52 | 0.0 | 61.104 | 12.03 | 0.0 | 1.418 | 0.0 | 0.001 | 1.756 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.108 | 0.0 |
| 108 | 15104 | 15105 | SN | 1 | 0.0 | 29.434 | 12.789 | 0.667 | 196.102 | 13.798 | 0.0 | 128.924 | 9.528 | 0.0 | 58.338 | 12.023 | 0.0 | 1.418 | 0.0 | 0.001 | 1.756 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.108 | 0.0 |
| 109 | 15104 | 15105 | SN | 1 | 0.0 | 23.268 | 5.72 | 0.0 | 130.904 | 6.904 | 0.0 | 121.484 | 1.953 | 0.0 | 64.299 | 2.884 | 0.0 | 1.408 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.107 | 0.0 |
| 110 | 15104 | 15105 | NS | 1 | 0.0 | 25.937 | 10.466 | 0.0 | 30.162 | 14.51 | 0.0 | 259.467 | 11.147 | 0.0 | 68.75 | 13.456 | 0.0 | 1.403 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.157 | 0.0 |
| 111 | 15105 | 15106 | NS | 1 | 0.0 | 159.21 | 6.462 | 0.0 | 24.696 | 7.605 | 0.0 | 199.205 | 3.181 | 0.0 | 72.881 | 3.894 | 0.0 | 1.428 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.158 | 0.0 |
| 112 | 15105 | 15106 | NS | 1 | 0.0 | 153.416 | 7.008 | 0.0 | 24.696 | 7.91 | 0.0 | 199.205 | 3.737 | 0.0 | 14.14 | 4.307 | 0.0 | 1.428 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.158 | 0.0 |
| 113 | 15105 | 15106 | NS | 1 | 0.0 | 242.365 | 10.512 | 0.0 | 30.156 | 14.52 | 0.0 | 142.593 | 11.237 | 0.0 | 78.307 | 13.448 | 0.0 | 1.405 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.157 | 0.0 |
| 114 | 15105 | 15106 | SN | 1 | 0.0 | 23.273 | 5.682 | 0.0 | 200.446 | 6.903 | 0.0 | 131.34 | 1.928 | 0.0 | 192.752 | 2.825 | 0.0 | 1.408 | 0.0 | 0.0 | 1.754 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.108 | 0.0 |
| 115 | 15105 | 15106 | NS | 1 | 0.0 | 242.365 | 10.502 | 0.0 | 30.156 | 14.52 | 0.0 | 142.593 | 11.237 | 0.0 | 78.307 | 13.441 | 0.0 | 1.405 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.157 | 0.0 |
| 116 | 15105 | 15106 | NS | 1 | 0.0 | 159.21 | 6.462 | 0.0 | 24.696 | 7.605 | 0.0 | 199.205 | 3.18 | 0.0 | 72.881 | 3.893 | 0.0 | 1.428 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.158 | 0.0 |
| 117 | 15105 | 15106 | SN | 1 | 0.0 | 29.56 | 12.865 | 0.0 | 218.728 | 13.784 | 0.0 | 129.045 | 9.467 | 0.0 | 229.962 | 11.927 | 0.0 | 1.418 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.109 | 0.0 |
| 118 | 15105 | 15106 | NS | 1 | 0.0 | 242.365 | 10.861 | 0.0 | 28.739 | 13.79 | 0.0 | 142.593 | 13.09 | 0.0 | 14.284 | 12.963 | 0.0 | 1.405 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.157 | 0.0 |
| 119 | 15105 | 15106 | SN | 1 | 0.0 | 29.56 | 12.931 | 0.0 | 218.728 | 13.249 | 0.0 | 129.045 | 9.701 | 0.0 | 229.962 | 10.907 | 0.0 | 1.418 | 0.0 | 0.0 | 1.755 | 0.0 | 0.0 | 1.826 | 0.0 | 0.0 | 2.109 | 0.0 |
| 120 | 15105 | 15106 | SN | 1 | 0.0 | 23.273 | 5.749 | 0.0 | 200.446 | 6.804 | 0.0 | 131.34 | 1.975 | 0.0 | 192.752 | 2.564 | 0.0 | 1.408 | 0.0 | 0.0 | 1.754 | 0.0 | 0.0 | 1.825 | 0.0 | 0.0 | 2.108 | 0.0 |
| 121 | 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 |
| 122 | 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 |
| 123 | 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 |
| 124 | 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 |
| 125 | 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 |
| 126 | 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 |
| 127 | 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 |
| 128 | 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 |
| 129 | 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 |
| 130 | 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 |
| 131 | 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 |
| 132 | 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 |
| 133 | 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 |
| 134 | 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 |
| 135 | 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 |
| 136 | 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 |
| 137 | 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 |
| 138 | 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 |
| 139 | 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 |
| 140 | 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 |
| 141 | 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 |
| 142 | 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 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 143 | 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 |
| 144 | 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 |
| 145 | 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 |
| 146 | 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 |
| 147 | 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 |
| 148 | 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 |
| 149 | 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 |
| 150 | 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 |
| 151 | 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 |
| 152 | 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 |
| 153 | 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 |
| 154 | 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 |
| 155 | 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 |
| 156 | 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 |
| 157 | 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 |
| 158 | 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 |
| 159 | 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 |
| 160 | 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 |
| 161 | 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 |
| 162 | 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 |
| 163 | 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 |
| 164 | 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 |
| 165 | 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 |
| 166 | 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 |
| 167 | 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 |
| 168 | 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 |
| 169 | 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 |
| 170 | 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 |
| 171 | 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 |
| 172 | 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 |
| 173 | 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 |
| 174 | 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 |
| 175 | 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 |
| 176 | 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 |
| 177 | 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 |
| 178 | 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 |
| 179 | 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 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 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 |
| 181 | 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 |
| 182 | 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 |
| 183 | 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 |
| 184 | 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 |
| 185 | 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 |
| 186 | 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 |
| 187 | 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 |
| 188 | 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 |
| 189 | 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 |
| 190 | 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 |
| 191 | 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 |
| 192 | 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 |
| 193 | 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 |
| 194 | 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 |
| 195 | 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 |
| 196 | 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 |
| 197 | 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 |
| 198 | 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 |
| 199 | 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 |
| 200 | 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 |
| 201 | 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 |
| 202 | 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 |
| 203 | 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 |
| 204 | 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 |
| 205 | 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 |
| 206 | 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 |
| 207 | 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 |
| 208 | 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 |
| 209 | 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 |
| 210 | 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 |
| 211 | 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 |
| 212 | 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 |
| 213 | 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 |
| 214 | 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 |
| 215 | 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 |
| 216 | 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 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 217 | 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 |
| 218 | 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 |
| 219 | 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 |
| 220 | 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 |
| 221 | 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 |
| 222 | 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 |
| 223 | 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 |
| 224 | 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 |
| 225 | 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 |
| 226 | 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 |
| 227 | 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 |
| 228 | 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 |
| 229 | 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 |
| 230 | 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 |
| 231 | 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 |
| 232 | 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 |

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

Normal
Alarming
Deviations
High Errors