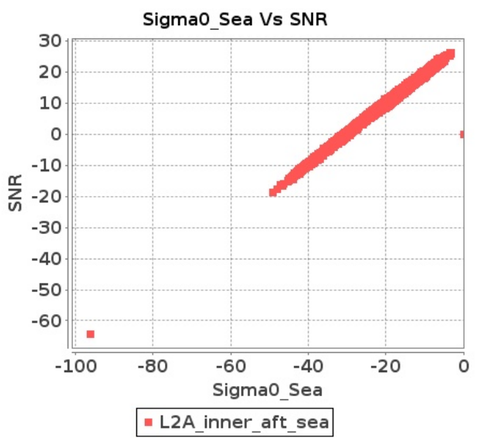
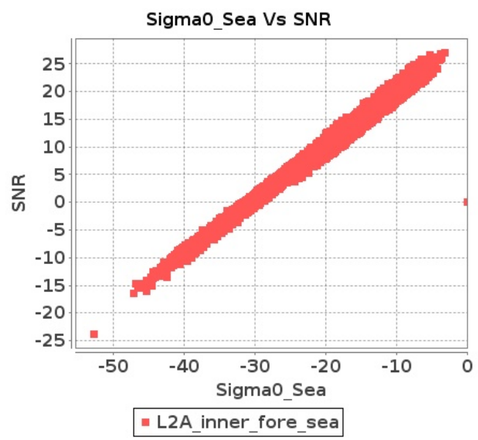
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 15-FEB-2019 To 16-FEB-2019

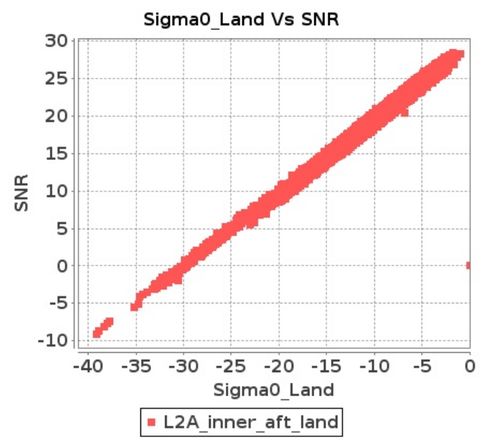
## Inner Sea Aft Sigma0VsSNR



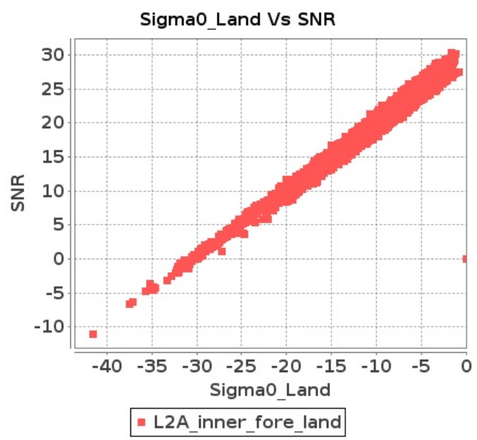

## Inner Sea Fore Sigma0VsSNR



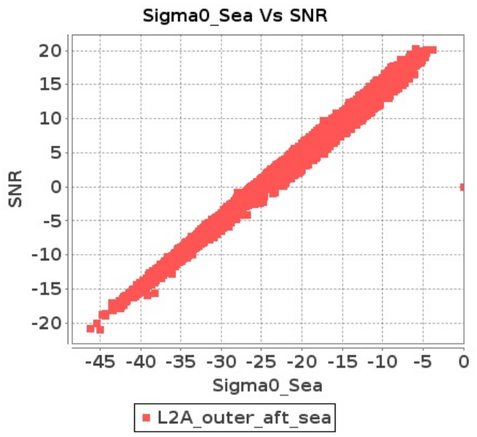

## Inner Land Aft Sigma0VsSNR



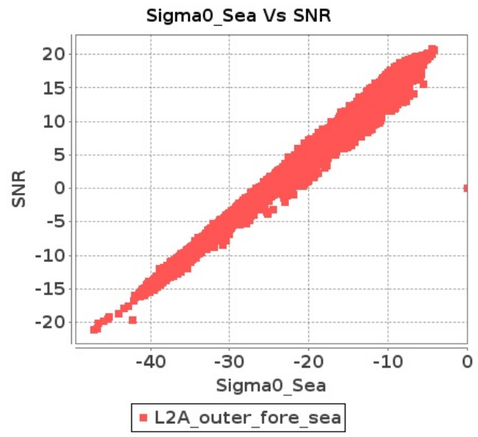

## Inner Land Fore Sigma0VsSNR



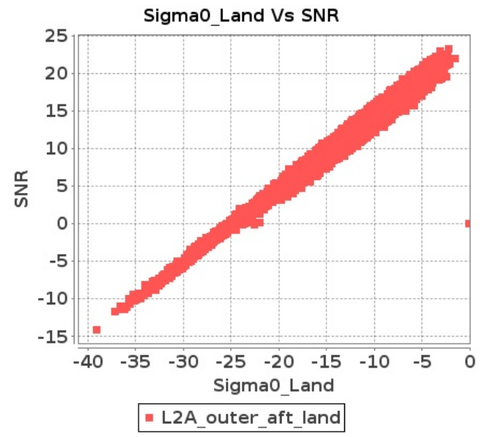

## Outer Sea Aft Sigma0VsSNR



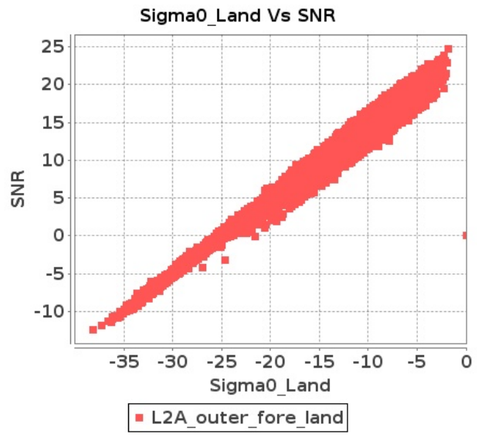

## Outer Sea Fore Sigma0VsSNR




## Outer Land Aft Sigma0VsSNR




## Outer Land Fore Sigma0VsSNR



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

Report between 15-FEB-2019 To 16-FEB-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 | 12642 | 12643 | SN | 1 | 0.0 | 41.413 | 0.905 | 0.0 | 48.696 | 1.353 | 0.0 | 49.162 | 1.238 | 0.0 | 43.43 | 1.839 | 0.0 | 43.193 | 0.914 | 0.0 | 45.865 | 1.247 | 0.0 | 47.082 | 1.21 | 0.0 | 38.345 | 1.632 |
| 2 | 12642 | 12643 | SN | 1 | 0.0 | 46.551 | 3.178 | 0.0 | 52.697 | 3.771 | 0.0 | 45.904 | 3.873 | 0.0 | 47.171 | 5.263 | 0.0 | 46.297 | 3.138 | 0.0 | 52.959 | 3.498 | 0.0 | 45.552 | 3.703 | 0.0 | 46.103 | 4.557 |
| 3 | 12642 | 12643 | NS | 1 | 0.0 | 54.583 | 4.798 | 0.0 | 55.793 | 6.783 | 0.0 | 50.115 | 5.244 | 0.0 | 50.983 | 5.797 | 0.0 | 54.352 | 4.929 | 0.0 | 55.269 | 6.522 | 0.0 | 52.1 | 5.437 | 0.0 | 52.779 | 6.039 |
| 4 | 12642 | 12643 | SN | 1 | 0.0 | 41.413 | 0.896 | 0.0 | 48.696 | 1.341 | 0.0 | 49.162 | 1.226 | 0.0 | 43.43 | 1.822 | 0.0 | 43.193 | 0.905 | 0.0 | 45.865 | 1.236 | 0.0 | 47.082 | 1.193 | 0.0 | 38.345 | 1.617 |
| 5 | 12642 | 12643 | NS | 1 | 0.0 | 50.53 | 1.448 | 0.0 | 50.613 | 2.063 | 0.0 | 43.921 | 1.524 | 0.0 | 42.284 | 1.886 | 0.0 | 49.799 | 1.498 | 0.0 | 49.012 | 1.991 | 0.0 | 41.83 | 1.522 | 0.0 | 40.772 | 1.877 |
| 6 | 12642 | 12643 | SN | 1 | 0.0 | 46.551 | 3.2 | 0.0 | 52.697 | 3.81 | 0.0 | 45.904 | 3.921 | 0.0 | 47.171 | 5.303 | 0.0 | 46.297 | 3.169 | 0.0 | 52.959 | 3.534 | 0.0 | 45.552 | 3.734 | 0.0 | 46.103 | 4.604 |
| 7 | 12643 | 12644 | SN | 1 | 0.0 | 42.595 | 3.404 | 0.0 | 40.948 | 3.973 | 0.0 | 46.498 | 3.31 | 0.0 | 40.842 | 4.34 | 0.0 | 42.374 | 3.282 | 0.0 | 40.139 | 3.512 | 0.0 | 45.531 | 3.202 | 0.0 | 40.533 | 3.712 |
| 8 | 12643 | 12644 | SN | 1 | 0.0 | 42.595 | 3.359 | 0.0 | 40.948 | 3.92 | 0.0 | 42.385 | 3.274 | 0.0 | 40.842 | 4.286 | 0.0 | 42.374 | 3.239 | 0.0 | 40.139 | 3.465 | 0.0 | 41.39 | 3.182 | 0.0 | 40.533 | 3.665 |
| 9 | 12643 | 12644 | NS | 1 | 0.0 | 45.426 | 1.186 | 0.0 | 44.274 | 1.573 | 0.0 | 36.622 | 1.219 | 0.0 | 47.606 | 1.722 | 0.0 | 45.168 | 1.201 | 0.0 | 45.498 | 1.403 | 0.0 | 36.038 | 1.202 | 0.0 | 46.637 | 1.557 |
| 10 | 12643 | 12644 | SN | 1 | 0.0 | 36.797 | 0.887 | 0.0 | 45.825 | 1.166 | 0.0 | 36.204 | 1.048 | 0.0 | 38.16 | 1.554 | 0.0 | 35.323 | 0.887 | 0.0 | 43.972 | 0.992 | 0.0 | 35.779 | 0.998 | 0.0 | 36.436 | 1.295 |
| 11 | 12643 | 12644 | SN | 1 | 0.0 | 42.595 | 3.38 | 0.0 | 40.948 | 3.9 | 0.0 | 43.061 | 3.274 | 0.0 | 40.805 | 4.293 | 0.0 | 42.374 | 3.259 | 0.0 | 40.139 | 3.465 | 0.0 | 42.092 | 3.182 | 0.0 | 40.495 | 3.651 |
| 12 | 12643 | 12644 | SN | 1 | 0.0 | 39.487 | 0.889 | 0.0 | 48.922 | 1.151 | 0.0 | 37.524 | 1.035 | 0.0 | 38.16 | 1.53 | 0.0 | 40.952 | 0.882 | 0.0 | 47.068 | 0.981 | 0.0 | 37.58 | 0.988 | 0.0 | 36.436 | 1.276 |
| 13 | 12643 | 12644 | SN | 1 | 0.0 | 36.797 | 0.88 | 0.0 | 45.825 | 1.151 | 0.0 | 39.315 | 1.037 | 0.0 | 38.16 | 1.534 | 0.0 | 35.323 | 0.875 | 0.0 | 43.972 | 0.979 | 0.0 | 40.363 | 0.984 | 0.0 | 36.436 | 1.281 |
| 14 | 12643 | 12644 | NS | 1 | 0.0 | 47.609 | 3.296 | 0.0 | 46.735 | 4.84 | 0.0 | 43.186 | 4.018 | 0.0 | 48.037 | 4.866 | 0.0 | 48.215 | 3.396 | 0.0 | 45.87 | 4.458 | 0.0 | 42.144 | 3.954 | 0.0 | 47.572 | 4.773 |
| 15 | 12644 | 12645 | SN | 1 | 0.0 | 42.895 | 3.255 | 0.0 | 45.022 | 4.016 | 0.0 | 38.561 | 2.989 | 0.0 | 38.534 | 4.671 | 0.0 | 41.532 | 3.215 | 0.0 | 47.703 | 3.59 | 0.0 | 38.063 | 2.819 | 0.0 | 38.12 | 3.713 |
| 16 | 12644 | 12645 | NS | 1 | 0.0 | 52.268 | 4.424 | 0.0 | 50.861 | 6.038 | 0.0 | 42.748 | 3.837 | 0.0 | 45.098 | 5.132 | 0.0 | 51.85 | 4.636 | 0.0 | 53.214 | 5.926 | 0.0 | 41.945 | 3.759 | 0.0 | 46.556 | 4.839 |
| 17 | 12644 | 12645 | NS | 1 | 0.0 | 46.899 | 1.083 | 0.0 | 55.177 | 1.654 | 0.0 | 41.248 | 1.103 | 0.0 | 44.12 | 1.643 | 0.0 | 47.734 | 1.092 | 0.0 | 52.43 | 1.601 | 0.0 | 40.958 | 1.077 | 0.0 | 40.298 | 1.476 |
| 18 | 12644 | 12645 | SN | 1 | 0.0 | 40.884 | 0.842 | 0.0 | 45.064 | 1.253 | 0.0 | 36.644 | 0.954 | 0.0 | 37.6 | 1.541 | 0.0 | 41.447 | 0.851 | 0.0 | 43.971 | 1.083 | 0.0 | 37.889 | 0.88 | 0.0 | 36.827 | 1.211 |
| 19 | 12644 | 12645 | SN | 1 | 0.0 | 40.743 | 0.835 | 0.0 | 45.064 | 1.253 | 0.0 | 36.644 | 0.956 | 0.0 | 37.6 | 1.543 | 0.0 | 41.304 | 0.849 | 0.0 | 43.971 | 1.076 | 0.0 | 37.889 | 0.88 | 0.0 | 36.827 | 1.218 |
| 20 | 12644 | 12645 | NS | 1 | 0.0 | 53.11 | 1.011 | 0.0 | 51.566 | 1.626 | 0.0 | 42.204 | 1.058 | 0.0 | 39.548 | 1.543 | 0.0 | 53.111 | 1.05 | 0.0 | 52.299 | 1.537 | 0.0 | 39.104 | 1.004 | 0.0 | 38.809 | 1.39 |
| 21 | 12644 | 12645 | SN | 1 | 0.0 | 42.895 | 3.317 | 0.0 | 45.022 | 4.099 | 0.0 | 41.32 | 3.042 | 0.0 | 38.534 | 4.755 | 0.0 | 41.532 | 3.286 | 0.0 | 47.703 | 3.664 | 0.0 | 40.245 | 2.883 | 0.0 | 38.12 | 3.798 |
| 22 | 12644 | 12645 | SN | 1 | 0.0 | 40.884 | 0.861 | 0.0 | 45.064 | 1.288 | 0.0 | 36.644 | 0.97 | 0.0 | 37.6 | 1.572 | 0.0 | 41.447 | 0.875 | 0.0 | 43.971 | 1.112 | 0.0 | 37.889 | 0.902 | 0.0 | 36.827 | 1.235 |
| 23 | 12644 | 12645 | SN | 1 | 0.0 | 42.754 | 3.256 | 0.0 | 45.018 | 4.046 | 0.0 | 38.537 | 3.017 | 0.0 | 38.779 | 4.664 | 0.0 | 41.498 | 3.246 | 0.0 | 47.699 | 3.63 | 0.0 | 38.041 | 2.854 | 0.0 | 38.122 | 3.713 |
| 24 | 12644 | 12645 | NS | 1 | 0.0 | 49.554 | 4.526 | 0.0 | 48.342 | 6.45 | 0.0 | 44.753 | 3.626 | 0.0 | 44.851 | 5.053 | 0.0 | 50.294 | 4.687 | 0.0 | 45.084 | 6.268 | 0.0 | 43.123 | 3.747 | 0.0 | 44.754 | 4.717 |
| 25 | 12645 | 12646 | SN | 1 | 0.0 | 44.391 | 6.668 | 0.0 | 46.627 | 7.981 | 0.0 | 43.706 | 5.182 | 0.0 | 44.261 | 6.875 | 0.0 | 44.579 | 6.799 | 0.0 | 47.513 | 7.909 | 0.0 | 41.55 | 5.288 | 0.0 | 42.118 | 6.616 |
| 26 | 12645 | 12646 | NS | 1 | 0.0 | 38.468 | 0.75 | 0.0 | 35.35 | 1.049 | 0.0 | 39.294 | 0.856 | 0.0 | 39.342 | 1.217 | 0.0 | 37.353 | 0.768 | 0.0 | 35.036 | 0.924 | 0.0 | 41.073 | 0.826 | 0.0 | 37.055 | 1.124 |
| 27 | 12645 | 12646 | SN | 1 | 0.0 | 40.108 | 1.671 | 0.0 | 38.087 | 2.185 | 0.0 | 40.196 | 1.904 | 0.0 | 39.339 | 2.361 | 0.0 | 40.22 | 1.701 | 0.0 | 37.345 | 2.133 | 0.0 | 38.505 | 1.879 | 0.0 | 39.376 | 2.22 |
| 28 | 12645 | 12646 | NS | 1 | 0.0 | 38.07 | 0.767 | 0.0 | 37.29 | 1.129 | 0.0 | 39.277 | 0.994 | 0.0 | 40.347 | 1.346 | 0.0 | 37.379 | 0.809 | 0.0 | 40.424 | 1.034 | 0.0 | 41.057 | 0.939 | 0.0 | 36.95 | 1.24 |
| 29 | 12645 | 12646 | NS | 1 | 0.0 | 40.211 | 2.797 | 0.0 | 38.129 | 3.816 | 0.0 | 47.566 | 3.16 | 0.0 | 43.245 | 4.132 | 0.0 | 41.452 | 2.878 | 0.0 | 39.492 | 3.444 | 0.0 | 47.383 | 3.246 | 0.0 | 43.304 | 3.798 |
| 30 | 12645 | 12646 | SN | 1 | 0.0 | 42.365 | 6.608 | 0.0 | 45.768 | 8.001 | 0.0 | 41.509 | 5.196 | 0.0 | 40.584 | 6.896 | 0.0 | 42.382 | 6.758 | 0.0 | 49.483 | 7.94 | 0.0 | 39.353 | 5.344 | 0.0 | 44.291 | 6.681 |
| 31 | 12645 | 12646 | SN | 1 | 0.0 | 37.731 | 1.6 | 0.0 | 40.182 | 2.121 | 0.0 | 37.963 | 1.814 | 0.0 | 41.565 | 2.267 | 0.0 | 37.8 | 1.623 | 0.0 | 41.599 | 2.085 | 0.0 | 38.796 | 1.808 | 0.0 | 40.117 | 2.146 |

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

Normal Deviations

Alarming High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 12645 | 12646 | SN | 1 | 0.0 | 40.108 | 1.614 | 0.0 | 38.087 | 2.115 | 0.0 | 40.196 | 1.831 | 0.0 | 39.339 | 2.287 | 0.0 | 40.22 | 1.643 | 0.0 | 37.345 | 2.065 | 0.0 | 38.505 | 1.808 | 0.0 | 39.376 | 2.146 |
| 33 | 12645 | 12646 | NS | 1 | 0.0 | 41.684 | 3.108 | 0.0 | 37.812 | 4.181 | 0.0 | 47.541 | 3.344 | 0.0 | 45.055 | 4.265 | 0.0 | 42.783 | 3.141 | 0.0 | 39.175 | 3.771 | 0.0 | 47.359 | 3.383 | 0.0 | 50.19 | 3.998 |
| 34 | 12645 | 12646 | SN | 1 | 0.0 | 42.365 | 6.853 | 0.0 | 45.768 | 8.274 | 0.0 | 41.509 | 5.367 | 0.0 | 40.584 | 7.135 | 0.0 | 42.382 | 6.999 | 0.0 | 49.483 | 8.211 | 0.0 | 39.353 | 5.514 | 0.0 | 44.291 | 6.906 |
| 35 | 12646 | 12647 | NS | 1 | 0.0 | 51.803 | 1.675 | 0.0 | 46.712 | 2.246 | 0.0 | 45.49 | 1.549 | 0.0 | 45.284 | 2.45 | 0.0 | 52.596 | 1.641 | 0.0 | 46.032 | 2.131 | 0.0 | 43.578 | 1.513 | 0.0 | 42.149 | 2.068 |
| 36 | 12646 | 12647 | SN | 1 | 0.0 | 47.38 | 2.18 | 0.0 | 49.38 | 2.871 | 0.0 | 36.851 | 2.832 | 0.0 | 45.389 | 3.892 | 0.0 | 47.556 | 2.159 | 0.0 | 49.927 | 2.499 | 0.0 | 37.204 | 2.735 | 0.0 | 47.946 | 3.209 |
| 37 | 12646 | 12647 | SN | 1 | 0.0 | 47.38 | 2.069 | 0.0 | 49.38 | 2.736 | 0.0 | 36.851 | 2.713 | 0.0 | 45.389 | 3.714 | 0.0 | 47.556 | 2.049 | 0.0 | 49.927 | 2.383 | 0.0 | 37.204 | 2.621 | 0.0 | 47.946 | 3.058 |
| 38 | 12646 | 12647 | SN | 1 | 0.0 | 47.422 | 2.089 | 0.0 | 49.594 | 2.706 | 0.0 | 39.572 | 2.671 | 0.0 | 45.505 | 3.7 | 0.0 | 47.598 | 2.069 | 0.0 | 50.14 | 2.363 | 0.0 | 37.212 | 2.586 | 0.0 | 48.063 | 3.094 |
| 39 | 12646 | 12647 | NS | 1 | 0.0 | 51.003 | 6.121 | 0.0 | 54.781 | 7.043 | 0.0 | 49.965 | 5.36 | 0.0 | 47.637 | 7.624 | 0.0 | 51.752 | 6.222 | 0.0 | 54.232 | 6.6 | 0.0 | 47.678 | 5.146 | 0.0 | 44.938 | 6.642 |
| 40 | 12646 | 12647 | NS | 1 | 0.0 | 49.004 | 5.997 | 0.0 | 49.796 | 6.874 | 0.0 | 50.106 | 5.301 | 0.0 | 47.197 | 7.32 | 0.0 | 49.045 | 5.997 | 0.0 | 52.894 | 6.582 | 0.0 | 47.747 | 5.087 | 0.0 | 45.658 | 6.423 |
| 41 | 12646 | 12647 | SN | 1 | 0.0 | 39.64 | 0.65 | 0.0 | 38.579 | 0.841 | 0.0 | 38.117 | 0.884 | 0.0 | 43.435 | 1.269 | 0.0 | 38.656 | 0.683 | 0.0 | 38.851 | 0.76 | 0.0 | 37.329 | 0.828 | 0.0 | 40.832 | 1.038 |
| 42 | 12646 | 12647 | SN | 1 | 0.0 | 39.64 | 0.617 | 0.0 | 38.579 | 0.8 | 0.0 | 38.117 | 0.838 | 0.0 | 43.435 | 1.204 | 0.0 | 38.656 | 0.648 | 0.0 | 38.851 | 0.721 | 0.0 | 37.329 | 0.785 | 0.0 | 40.832 | 0.983 |
| 43 | 12646 | 12647 | SN | 1 | 0.0 | 39.758 | 0.594 | 0.0 | 38.499 | 0.814 | 0.0 | 38.117 | 0.836 | 0.0 | 43.435 | 1.188 | 0.0 | 39.196 | 0.63 | 0.0 | 38.772 | 0.73 | 0.0 | 37.327 | 0.787 | 0.0 | 40.837 | 0.985 |
| 44 | 12646 | 12647 | NS | 1 | 0.0 | 43.816 | 1.605 | 0.0 | 43.092 | 2.21 | 0.0 | 42.425 | 1.562 | 0.0 | 42.037 | 2.378 | 0.0 | 43.602 | 1.578 | 0.0 | 42.333 | 2.051 | 0.0 | 42.231 | 1.48 | 0.0 | 39.515 | 2.029 |
| 45 | 12647 | 12648 | NS | 1 | 0.0 | 40.782 | 1.181 | 0.0 | 47.864 | 1.699 | 0.0 | 42.905 | 1.445 | 0.0 | 50.638 | 1.843 | 0.0 | 41.157 | 1.165 | 0.0 | 48.055 | 1.558 | 0.0 | 43.603 | 1.265 | 0.0 | 53.854 | 1.518 |
| 46 | 12647 | 12648 | SN | 1 | 0.0 | 53.919 | 5.989 | 0.0 | 49.188 | 6.475 | 0.0 | 45.626 | 4.732 | 0.0 | 49.691 | 5.773 | 0.0 | 54.468 | 6.249 | 0.0 | 49.842 | 6.321 | 0.0 | 45.013 | 4.64 | 0.0 | 52.703 | 5.317 |
| 47 | 12647 | 12648 | NS | 1 | 0.0 | 43.823 | 4.563 | 0.0 | 56.515 | 6.172 | 0.0 | 48.311 | 4.59 | 0.0 | 43.755 | 5.89 | 0.0 | 44.11 | 4.523 | 0.0 | 56.808 | 5.89 | 0.0 | 48.545 | 4.212 | 0.0 | 43.301 | 5.086 |
| 48 | 12647 | 12648 | NS | 1 | 0.0 | 48.398 | 4.563 | 0.0 | 52.541 | 6.283 | 0.0 | 51.537 | 4.576 | 0.0 | 50.551 | 5.975 | 0.0 | 47.977 | 4.573 | 0.0 | 52.834 | 5.991 | 0.0 | 48.718 | 4.191 | 0.0 | 50.975 | 5.086 |
| 49 | 12647 | 12648 | NS | 1 | 0.0 | 40.394 | 1.162 | 0.0 | 47.971 | 1.674 | 0.0 | 42.931 | 1.459 | 0.0 | 50.604 | 1.838 | 0.0 | 41.151 | 1.144 | 0.0 | 48.16 | 1.534 | 0.0 | 43.629 | 1.31 | 0.0 | 53.82 | 1.488 |
| 50 | 12647 | 12648 | SN | 1 | 0.0 | 49.849 | 1.403 | 0.0 | 54.249 | 1.679 | 0.0 | 45.015 | 1.185 | 0.0 | 40.743 | 1.748 | 0.0 | 49.763 | 1.398 | 0.0 | 53.934 | 1.566 | 0.0 | 42.851 | 1.132 | 0.0 | 41.523 | 1.482 |
| 51 | 12647 | 12648 | SN | 1 | 0.0 | 49.849 | 1.403 | 0.0 | 54.249 | 1.679 | 0.0 | 45.015 | 1.185 | 0.0 | 40.743 | 1.748 | 0.0 | 49.763 | 1.398 | 0.0 | 53.934 | 1.566 | 0.0 | 42.851 | 1.132 | 0.0 | 41.523 | 1.48 |
| 52 | 12647 | 12648 | SN | 1 | 0.0 | 53.919 | 5.629 | 0.0 | 49.188 | 6.069 | 0.0 | 45.626 | 4.385 | 0.0 | 49.691 | 5.499 | 0.0 | 54.468 | 5.891 | 0.0 | 49.842 | 5.887 | 0.0 | 45.013 | 4.3 | 0.0 | 52.703 | 5.048 |
| 53 | 12647 | 12648 | SN | 1 | 0.0 | 49.849 | 1.503 | 0.0 | 54.249 | 1.806 | 0.0 | 45.015 | 1.265 | 0.0 | 40.743 | 1.842 | 0.0 | 49.763 | 1.498 | 0.0 | 53.934 | 1.688 | 0.0 | 42.851 | 1.216 | 0.0 | 41.523 | 1.566 |
| 54 | 12647 | 12648 | SN | 1 | 0.0 | 53.919 | 5.629 | 0.0 | 49.188 | 6.069 | 0.0 | 45.626 | 4.385 | 0.0 | 49.691 | 5.506 | 0.0 | 54.468 | 5.89 | 0.0 | 49.842 | 5.917 | 0.0 | 45.013 | 4.3 | 0.0 | 52.703 | 5.048 |
| 55 | 12648 | 12649 | SN | 1 | 0.0 | 47.587 | 1.391 | 0.0 | 42.844 | 1.568 | 0.0 | 42.215 | 1.233 | 0.0 | 38.2 | 1.32 | 0.0 | 47.401 | 1.426 | 0.0 | 44.21 | 1.439 | 0.0 | 39.706 | 1.184 | 0.0 | 39.62 | 1.107 |
| 56 | 12648 | 12649 | NS | 1 | 0.0 | 49.405 | 2.784 | 0.0 | 45.602 | 4.138 | 0.0 | 42.736 | 3.049 | 0.0 | 47.04 | 4.346 | 0.0 | 48.208 | 2.844 | 0.0 | 45.883 | 3.967 | 0.0 | 41.74 | 2.963 | 0.0 | 44.434 | 3.933 |
| 57 | 12648 | 12649 | NS | 1 | 0.0 | 49.261 | 2.784 | 0.0 | 45.544 | 4.168 | 0.0 | 42.705 | 3.02 | 0.0 | 46.851 | 4.367 | 0.0 | 48.063 | 2.844 | 0.0 | 45.885 | 3.957 | 0.0 | 42.003 | 2.928 | 0.0 | 47.22 | 3.955 |
| 58 | 12648 | 12649 | SN | 1 | 0.0 | 51.006 | 4.438 | 0.0 | 50.839 | 5.147 | 0.0 | 44.919 | 4.107 | 0.0 | 49.374 | 4.621 | 0.0 | 50.368 | 4.58 | 0.0 | 51.42 | 4.861 | 0.0 | 42.712 | 3.915 | 0.0 | 45.718 | 3.889 |
| 59 | 12648 | 12649 | SN | 1 | 0.0 | 51.006 | 4.438 | 0.0 | 50.839 | 5.147 | 0.0 | 44.919 | 4.107 | 0.0 | 49.374 | 4.621 | 0.0 | 50.368 | 4.58 | 0.0 | 51.42 | 4.861 | 0.0 | 42.712 | 3.915 | 0.0 | 45.718 | 3.889 |
| 60 | 12648 | 12649 | SN | 1 | 0.0 | 47.587 | 1.28 | 0.0 | 42.844 | 1.451 | 0.0 | 42.215 | 1.133 | 0.0 | 39.92 | 1.256 | 0.0 | 47.401 | 1.309 | 0.0 | 44.21 | 1.321 | 0.0 | 39.706 | 1.087 | 0.0 | 39.62 | 1.037 |
| 61 | 12648 | 12649 | SN | 1 | 0.0 | 47.587 | 1.28 | 0.0 | 42.844 | 1.451 | 0.0 | 42.215 | 1.133 | 0.0 | 39.92 | 1.256 | 0.0 | 47.401 | 1.309 | 0.0 | 44.21 | 1.321 | 0.0 | 39.706 | 1.087 | 0.0 | 39.62 | 1.037 |
| 62 | 12648 | 12649 | NS | 1 | 0.0 | 56.763 | 0.777 | 0.0 | 52.757 | 1.173 | 0.0 | 38.596 | 0.948 | 0.0 | 52.057 | 1.434 | 0.0 | 55.164 | 0.784 | 0.0 | 53.486 | 1.105 | 0.0 | 40.045 | 0.905 | 0.0 | 48.508 | 1.266 |
| 63 | 12648 | 12649 | SN | 1 | 0.0 | 51.006 | 4.75 | 0.0 | 50.839 | 5.412 | 0.0 | 44.919 | 4.423 | 0.0 | 49.374 | 4.83 | 0.0 | 50.368 | 4.905 | 0.0 | 51.42 | 5.155 | 0.0 | 42.712 | 4.197 | 0.0 | 45.718 | 4.114 |
| 64 | 12648 | 12649 | NS | 1 | 0.0 | 56.486 | 0.77 | 0.0 | 52.952 | 1.173 | 0.0 | 37.408 | 0.942 | 0.0 | 51.535 | 1.431 | 0.0 | 54.886 | 0.779 | 0.0 | 53.682 | 1.103 | 0.0 | 39.513 | 0.901 | 0.0 | 48.013 | 1.271 |
| 65 | 12649 | 12650 | SN | 1 | 0.0 | 46.695 | 5.897 | 0.0 | 49.936 | 6.6 | 0.0 | 48.418 | 5.663 | 0.0 | 49.41 | 6.949 | 0.0 | 45.632 | 5.947 | 0.0 | 51.828 | 6.346 | 0.0 | 47.042 | 5.564 | 0.0 | 46.249 | 6.555 |
| 66 | 12649 | 12650 | SN | 1 | 0.0 | 42.937 | 1.678 | 0.0 | 42.877 | 2.01 | 0.0 | 45.476 | 1.783 | 0.0 | 46.407 | 2.282 | 0.0 | 43.383 | 1.623 | 0.0 | 40.52 | 1.914 | 0.0 | 42.503 | 1.824 | 0.0 | 43.728 | 2.195 |
| 67 | 12649 | 12650 | NS | 1 | 0.0 | 47.566 | 7.289 | 0.0 | 51.317 | 8.751 | 0.0 | 50.664 | 6.693 | 0.0 | 52.615 | 7.959 | 0.0 | 48.093 | 7.42 | 0.0 | 51.564 | 8.459 | 0.0 | 52.266 | 6.715 | 0.0 | 51.213 | 7.589 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 12649 | 12650 | SN | 1 | 0.0 | 46.695 | 5.897 | 0.0 | 49.936 | 6.6 | 0.0 | 48.418 | 5.663 | 0.0 | 49.41 | 6.949 | 0.0 | 45.632 | 5.947 | 0.0 | 51.828 | 6.346 | 0.0 | 47.042 | 5.564 | 0.0 | 46.249 | 6.555 |
| 69 | 12649 | 12650 | SN | 1 | 0.0 | 42.937 | 1.678 | 0.0 | 42.877 | 2.01 | 0.0 | 45.476 | 1.783 | 0.0 | 46.407 | 2.282 | 0.0 | 43.383 | 1.623 | 0.0 | 40.52 | 1.914 | 0.0 | 42.503 | 1.824 | 0.0 | 43.728 | 2.195 |
| 70 | 12649 | 12650 | NS | 1 | 0.0 | 49.405 | 1.963 | 0.0 | 45.907 | 2.93 | 0.0 | 44.413 | 1.849 | 0.0 | 52.547 | 2.445 | 0.0 | 49.315 | 1.956 | 0.0 | 47.888 | 2.867 | 0.0 | 43.463 | 1.886 | 0.0 | 51.077 | 2.296 |
| 71 | 12650 | 12651 | NS | 1 | 0.0 | 47.615 | 0.788 | 0.0 | 47.046 | 1.297 | 0.0 | 36.961 | 0.923 | 0.0 | 37.734 | 1.477 | 0.0 | 46.896 | 0.797 | 0.0 | 44.822 | 1.235 | 0.0 | 40.073 | 0.892 | 0.0 | 39.12 | 1.248 |
| 72 | 12650 | 12651 | SN | 1 | 0.0 | 48.155 | 5.233 | 0.0 | 53.322 | 6.086 | 0.0 | 41.908 | 5.104 | 0.0 | 44.831 | 6.384 | 0.0 | 49.297 | 5.223 | 0.0 | 50.388 | 5.692 | 0.0 | 43.859 | 5.062 | 0.0 | 44.293 | 6.198 |
| 73 | 12650 | 12651 | SN | 1 | 0.0 | 44.762 | 1.4 | 0.0 | 48.17 | 1.782 | 0.0 | 40.504 | 1.571 | 0.0 | 44.762 | 2.112 | 0.0 | 44.725 | 1.38 | 0.0 | 46.069 | 1.696 | 0.0 | 40.516 | 1.499 | 0.0 | 46.0 | 1.98 |
| 74 | 12650 | 12651 | NS | 1 | 0.0 | 49.515 | 2.643 | 0.0 | 50.476 | 3.732 | 0.0 | 44.603 | 2.968 | 0.0 | 44.244 | 4.148 | 0.0 | 49.862 | 2.623 | 0.0 | 48.469 | 3.56 | 0.0 | 43.387 | 2.826 | 0.0 | 42.796 | 3.757 |
| 75 | 12650 | 12651 | NS | 1 | 0.0 | 49.515 | 2.643 | 0.0 | 50.476 | 3.732 | 0.0 | 44.603 | 2.968 | 0.0 | 44.244 | 4.148 | 0.0 | 49.862 | 2.623 | 0.0 | 48.469 | 3.56 | 0.0 | 43.387 | 2.826 | 0.0 | 42.796 | 3.757 |
| 76 | 12650 | 12651 | NS | 1 | 0.0 | 47.615 | 0.788 | 0.0 | 47.046 | 1.297 | 0.0 | 36.961 | 0.923 | 0.0 | 37.734 | 1.477 | 0.0 | 46.896 | 0.797 | 0.0 | 44.822 | 1.235 | 0.0 | 40.073 | 0.892 | 0.0 | 39.12 | 1.248 |
| 77 | 12651 | 12652 | NS | 1 | 0.0 | 39.708 | 1.033 | 0.0 | 38.098 | 1.551 | 0.0 | 37.14 | 1.223 | 0.0 | 47.471 | 1.837 | 0.0 | 40.706 | 1.033 | 0.0 | 37.525 | 1.465 | 0.0 | 37.332 | 1.155 | 0.0 | 49.559 | 1.639 |
| 78 | 12651 | 12652 | NS | 1 | 0.0 | 42.501 | 1.057 | 0.0 | 38.098 | 1.516 | 0.0 | 37.14 | 1.25 | 0.0 | 47.471 | 1.797 | 0.0 | 41.013 | 1.062 | 0.0 | 37.525 | 1.433 | 0.0 | 37.332 | 1.172 | 0.0 | 49.559 | 1.626 |
| 79 | 12651 | 12652 | SN | 1 | 0.0 | 43.022 | 1.136 | 0.0 | 52.952 | 1.476 | 0.0 | 46.149 | 1.039 | 0.0 | 43.361 | 1.481 | 0.0 | 41.982 | 1.127 | 0.0 | 53.148 | 1.268 | 0.0 | 44.778 | 0.993 | 0.0 | 42.362 | 1.295 |
| 80 | 12651 | 12652 | NS | 1 | 0.0 | 43.013 | 3.973 | 0.0 | 45.369 | 5.293 | 0.0 | 42.758 | 3.571 | 0.0 | 42.598 | 5.222 | 0.0 | 43.131 | 4.055 | 0.0 | 42.917 | 5.147 | 0.0 | 42.238 | 3.585 | 0.0 | 39.578 | 4.878 |
| 81 | 12651 | 12652 | SN | 1 | 0.0 | 49.902 | 4.559 | 0.0 | 45.836 | 4.908 | 0.0 | 45.616 | 3.717 | 0.0 | 41.509 | 4.919 | 0.0 | 51.333 | 4.599 | 0.0 | 47.66 | 4.716 | 0.0 | 45.615 | 3.604 | 0.0 | 44.937 | 4.469 |
| 82 | 12651 | 12652 | NS | 1 | 0.0 | 54.693 | 4.138 | 0.0 | 45.369 | 5.208 | 0.0 | 39.099 | 3.627 | 0.0 | 42.598 | 5.206 | 0.0 | 54.802 | 4.199 | 0.0 | 42.917 | 5.045 | 0.0 | 38.863 | 3.712 | 0.0 | 39.578 | 4.838 |
| 83 | 12652 | 12653 | SN | 1 | 0.0 | 56.233 | 1.214 | 0.0 | 45.861 | 1.87 | 0.0 | 44.199 | 1.505 | 0.0 | 43.364 | 2.075 | 0.0 | 56.716 | 1.219 | 0.0 | 44.891 | 1.703 | 0.0 | 46.606 | 1.453 | 0.0 | 45.124 | 1.862 |
| 84 | 12652 | 12653 | SN | 1 | 0.0 | 56.233 | 1.214 | 0.0 | 45.861 | 1.87 | 0.0 | 44.199 | 1.503 | 0.0 | 43.364 | 2.075 | 0.0 | 56.716 | 1.219 | 0.0 | 44.891 | 1.703 | 0.0 | 46.606 | 1.451 | 0.0 | 45.124 | 1.862 |
| 85 | 12652 | 12653 | NS | 1 | 0.0 | 36.904 | 1.335 | 0.0 | 41.935 | 1.915 | 0.0 | 38.135 | 1.583 | 0.0 | 41.262 | 1.992 | 0.0 | 36.559 | 1.326 | 0.0 | 39.605 | 1.756 | 0.0 | 35.059 | 1.544 | 0.0 | 40.413 | 1.802 |
| 86 | 12652 | 12653 | SN | 1 | 0.0 | 48.593 | 4.919 | 0.0 | 47.696 | 6.7 | 0.0 | 47.782 | 5.049 | 0.0 | 42.443 | 6.635 | 0.0 | 49.118 | 4.949 | 0.0 | 49.724 | 6.381 | 0.0 | 47.06 | 4.893 | 0.0 | 41.115 | 5.967 |
| 87 | 12652 | 12653 | NS | 1 | 0.0 | 40.446 | 4.678 | 0.0 | 53.296 | 6.358 | 0.0 | 39.905 | 4.814 | 0.0 | 38.839 | 6.02 | 0.0 | 40.073 | 4.749 | 0.0 | 51.359 | 6.066 | 0.0 | 38.076 | 4.864 | 0.0 | 40.456 | 5.686 |
| 88 | 12652 | 12653 | SN | 1 | 0.0 | 48.593 | 4.919 | 0.0 | 47.696 | 6.7 | 0.0 | 47.782 | 5.049 | 0.0 | 42.443 | 6.635 | 0.0 | 49.118 | 4.949 | 0.0 | 49.724 | 6.381 | 0.0 | 47.06 | 4.893 | 0.0 | 41.115 | 5.967 |
| 89 | 12652 | 12653 | NS | 1 | 0.0 | 36.904 | 1.356 | 0.0 | 48.149 | 1.924 | 0.0 | 38.135 | 1.575 | 0.0 | 37.533 | 1.999 | 0.0 | 36.782 | 1.342 | 0.0 | 45.61 | 1.761 | 0.0 | 35.059 | 1.523 | 0.0 | 35.601 | 1.795 |
| 90 | 12652 | 12653 | NS | 1 | 0.0 | 41.255 | 4.708 | 0.0 | 43.994 | 6.399 | 0.0 | 40.422 | 4.764 | 0.0 | 41.675 | 5.992 | 0.0 | 40.189 | 4.759 | 0.0 | 44.103 | 6.116 | 0.0 | 38.076 | 4.814 | 0.0 | 41.206 | 5.7 |
| 91 | 12653 | 12654 | SN | 1 | 0.0 | 46.637 | 1.554 | 0.0 | 49.571 | 2.174 | 0.0 | 36.597 | 1.851 | 0.0 | 37.371 | 2.552 | 0.0 | 45.665 | 1.561 | 0.0 | 48.113 | 2.131 | 0.0 | 36.12 | 1.76 | 0.0 | 36.473 | 2.433 |
| 92 | 12653 | 12654 | NS | 1 | 0.0 | 50.568 | 3.407 | 0.0 | 49.348 | 4.425 | 0.0 | 38.957 | 3.49 | 0.0 | 40.248 | 4.538 | 0.0 | 51.156 | 3.316 | 0.0 | 51.524 | 4.273 | 0.0 | 39.41 | 3.568 | 0.0 | 39.779 | 4.365 |
| 93 | 12653 | 12654 | NS | 1 | 0.0 | 53.973 | 3.276 | 0.0 | 48.075 | 4.405 | 0.0 | 38.871 | 3.482 | 0.0 | 39.478 | 4.488 | 0.0 | 53.541 | 3.265 | 0.0 | 50.255 | 4.212 | 0.0 | 39.063 | 3.504 | 0.0 | 40.173 | 4.322 |
| 94 | 12653 | 12654 | SN | 1 | 0.0 | 48.085 | 5.895 | 0.0 | 44.06 | 6.286 | 0.0 | 44.623 | 5.453 | 0.0 | 46.563 | 7.166 | 0.0 | 47.352 | 5.985 | 0.0 | 45.472 | 6.612 | 0.0 | 42.269 | 5.552 | 0.0 | 45.314 | 7.202 |
| 95 | 12653 | 12654 | NS | 1 | 0.0 | 45.736 | 0.866 | 0.0 | 45.307 | 1.168 | 0.0 | 36.908 | 1.109 | 0.0 | 40.254 | 1.418 | 0.0 | 46.459 | 0.848 | 0.0 | 47.791 | 1.068 | 0.0 | 37.442 | 1.116 | 0.0 | 38.89 | 1.284 |
| 96 | 12653 | 12654 | NS | 1 | 0.0 | 46.8 | 0.857 | 0.0 | 49.67 | 1.168 | 0.0 | 36.907 | 1.091 | 0.0 | 39.02 | 1.472 | 0.0 | 47.522 | 0.844 | 0.0 | 47.034 | 1.091 | 0.0 | 35.552 | 1.112 | 0.0 | 36.866 | 1.302 |
| 97 | 12653 | 12654 | SN | 1 | 0.0 | 46.637 | 1.554 | 0.0 | 49.571 | 2.174 | 0.0 | 36.597 | 1.851 | 0.0 | 37.371 | 2.552 | 0.0 | 45.665 | 1.561 | 0.0 | 48.113 | 2.131 | 0.0 | 36.12 | 1.76 | 0.0 | 36.473 | 2.433 |
| 98 | 12653 | 12654 | SN | 1 | 0.0 | 48.085 | 5.895 | 0.0 | 44.06 | 6.286 | 0.0 | 44.623 | 5.453 | 0.0 | 46.563 | 7.166 | 0.0 | 47.352 | 5.985 | 0.0 | 45.472 | 6.612 | 0.0 | 42.269 | 5.552 | 0.0 | 45.314 | 7.202 |
| 99 | 12654 | 12655 | SN | 1 | 0.0 | 43.949 | 0.954 | 0.0 | 45.491 | 1.3 | 0.0 | 34.461 | 1.101 | 0.0 | 39.574 | 1.47 | 0.0 | 43.257 | 0.963 | 0.0 | 42.254 | 1.201 | 0.0 | 33.7 | 1.018 | 0.0 | 39.923 | 1.212 |
| 100 | 12654 | 12655 | SN | 1 | 0.0 | 43.624 | 0.972 | 0.0 | 45.491 | 1.316 | 0.0 | 35.188 | 1.085 | 0.0 | 38.907 | 1.493 | 0.0 | 42.93 | 0.966 | 0.0 | 42.254 | 1.205 | 0.0 | 35.287 | 0.988 | 0.0 | 39.256 | 1.228 |
| 101 | 12654 | 12655 | NS | 1 | 0.0 | 50.457 | 2.512 | 0.0 | 47.033 | 3.635 | 0.0 | 43.138 | 2.394 | 0.0 | 36.871 | 3.762 | 0.0 | 49.899 | 2.674 | 0.0 | 47.854 | 3.494 | 0.0 | 43.392 | 2.294 | 0.0 | 40.622 | 3.143 |
| 102 | 12654 | 12655 | NS | 1 | 0.0 | 50.457 | 2.532 | 0.0 | 47.228 | 3.635 | 0.0 | 43.051 | 2.387 | 0.0 | 36.871 | 3.769 | 0.0 | 49.899 | 2.684 | 0.0 | 48.05 | 3.494 | 0.0 | 43.301 | 2.28 | 0.0 | 40.622 | 3.143 |
| 103 | 12654 | 12655 | SN | 1 | 0.0 | 50.114 | 3.618 | 0.0 | 48.82 | 4.474 | 0.0 | 48.614 | 3.633 | 0.0 | 42.272 | 4.413 | 0.0 | 49.794 | 3.648 | 0.0 | 47.208 | 4.313 | 0.0 | 47.615 | 3.47 | 0.0 | 46.304 | 3.8 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104 | 12654 | 12655 | NS | 1 | 0.0 | 41.656 | 0.624 | 0.0 | 46.433 | 1.123 | 0.0 | 38.868 | 0.652 | 0.0 | 37.044 | 1.336 | 0.0 | 42.803 | 0.634 | 0.0 | 45.658 | 0.979 | 0.0 | 37.926 | 0.61 | 0.0 | 35.803 | 1.073 |
| 105 | 12654 | 12655 | SN | 1 | 0.0 | 49.863 | 3.598 | 0.0 | 48.82 | 4.424 | 0.0 | 48.614 | 3.612 | 0.0 | 42.272 | 4.37 | 0.0 | 49.794 | 3.628 | 0.0 | 47.208 | 4.303 | 0.0 | 47.615 | 3.449 | 0.0 | 46.304 | 3.843 |
| 106 | 12654 | 12655 | SN | 1 | 0.0 | 43.949 | 1.04 | 0.0 | 45.491 | 1.42 | 0.0 | 35.016 | 1.189 | 0.0 | 39.574 | 1.595 | 0.0 | 43.257 | 1.045 | 0.0 | 42.254 | 1.306 | 0.0 | 34.535 | 1.108 | 0.0 | 39.923 | 1.318 |
| 107 | 12654 | 12655 | SN | 1 | 0.0 | 50.114 | 3.908 | 0.0 | 48.82 | 4.903 | 0.0 | 48.614 | 3.947 | 0.0 | 42.272 | 4.806 | 0.0 | 49.794 | 3.952 | 0.0 | 47.208 | 4.727 | 0.0 | 47.615 | 3.77 | 0.0 | 46.304 | 4.144 |
| 108 | 12654 | 12655 | NS | 1 | 0.0 | 41.656 | 0.608 | 0.0 | 46.433 | 0.996 | 0.0 | 38.868 | 0.669 | 0.0 | 37.044 | 1.189 | 0.0 | 42.803 | 0.617 | 0.0 | 45.658 | 0.878 | 0.0 | 37.926 | 0.625 | 0.0 | 35.803 | 0.973 |
| 109 | 12654 | 12655 | NS | 1 | 0.0 | 44.117 | 0.612 | 0.0 | 46.433 | 0.996 | 0.0 | 38.868 | 0.673 | 0.0 | 37.044 | 1.189 | 0.0 | 43.832 | 0.621 | 0.0 | 45.658 | 0.881 | 0.0 | 37.926 | 0.625 | 0.0 | 35.803 | 0.973 |
| 110 | 12654 | 12655 | NS | 1 | 0.0 | 50.457 | 2.406 | 0.0 | 47.457 | 4.018 | 0.0 | 39.817 | 2.312 | 0.0 | 38.553 | 4.171 | 0.0 | 49.899 | 2.602 | 0.0 | 45.236 | 3.881 | 0.0 | 40.869 | 2.198 | 0.0 | 40.622 | 3.492 |
| 111 | 12655 | 12656 | SN | 1 | 0.0 | 53.272 | 4.481 | 0.0 | 52.757 | 5.527 | 0.0 | 41.812 | 3.384 | 0.0 | 43.666 | 4.518 | 0.0 | 52.352 | 4.523 | 0.0 | 52.392 | 5.124 | 0.0 | 45.425 | 3.465 | 0.0 | 45.738 | 4.368 |
| 112 | 12655 | 12656 | NS | 1 | 0.0 | 49.227 | 5.989 | 0.0 | 60.2 | 7.318 | 0.0 | 48.314 | 5.81 | 0.0 | 51.348 | 7.084 | 0.0 | 49.888 | 6.09 | 0.0 | 60.173 | 7.287 | 0.0 | 49.412 | 5.718 | 0.0 | 49.789 | 6.515 |
| 113 | 12655 | 12656 | SN | 1 | 0.0 | 53.272 | 4.271 | 0.0 | 52.757 | 5.289 | 0.0 | 41.812 | 3.251 | 0.0 | 43.666 | 4.327 | 0.0 | 52.352 | 4.311 | 0.0 | 52.392 | 4.903 | 0.0 | 45.425 | 3.322 | 0.0 | 45.738 | 4.177 |
| 114 | 12655 | 12656 | SN | 1 | 0.0 | 47.563 | 0.979 | 0.0 | 44.277 | 1.398 | 0.0 | 39.832 | 0.926 | 0.0 | 43.276 | 1.363 | 0.0 | 47.925 | 1.031 | 0.0 | 42.053 | 1.371 | 0.0 | 41.5 | 0.899 | 0.0 | 45.152 | 1.293 |
| 115 | 12655 | 12656 | NS | 1 | 0.0 | 44.779 | 1.934 | 0.0 | 48.478 | 2.354 | 0.0 | 48.036 | 1.497 | 0.0 | 50.643 | 2.059 | 0.0 | 45.718 | 1.929 | 0.0 | 50.101 | 2.232 | 0.0 | 48.155 | 1.48 | 0.0 | 45.985 | 1.809 |
| 116 | 12655 | 12656 | SN | 1 | 0.0 | 47.563 | 1.037 | 0.0 | 43.997 | 1.47 | 0.0 | 39.832 | 0.961 | 0.0 | 43.116 | 1.418 | 0.0 | 47.925 | 1.085 | 0.0 | 41.774 | 1.444 | 0.0 | 41.293 | 0.929 | 0.0 | 44.992 | 1.35 |
| 117 | 12655 | 12656 | NS | 1 | 0.0 | 45.949 | 1.831 | 0.0 | 46.153 | 2.297 | 0.0 | 45.27 | 1.473 | 0.0 | 45.619 | 2.005 | 0.0 | 45.686 | 1.87 | 0.0 | 44.06 | 2.175 | 0.0 | 45.291 | 1.439 | 0.0 | 41.023 | 1.812 |
| 118 | 12655 | 12656 | SN | 1 | 0.0 | 47.563 | 1.023 | 0.0 | 44.277 | 1.468 | 0.0 | 39.832 | 0.957 | 0.0 | 43.276 | 1.421 | 0.0 | 47.925 | 1.073 | 0.0 | 42.053 | 1.435 | 0.0 | 41.5 | 0.931 | 0.0 | 45.152 | 1.352 |
| 119 | 12655 | 12656 | NS | 1 | 0.0 | 51.75 | 5.996 | 0.0 | 53.645 | 7.61 | 0.0 | 46.8 | 5.606 | 0.0 | 53.961 | 6.665 | 0.0 | 52.553 | 6.137 | 0.0 | 52.899 | 7.369 | 0.0 | 46.569 | 5.649 | 0.0 | 49.789 | 6.246 |
| 120 | 12656 | 12657 | SN | 1 | 0.0 | 41.87 | 1.691 | 0.0 | 51.988 | 2.358 | 0.0 | 41.571 | 1.854 | 0.0 | 49.894 | 2.587 | 0.0 | 41.686 | 1.779 | 0.0 | 52.113 | 2.338 | 0.0 | 39.162 | 1.959 | 0.0 | 53.501 | 2.638 |
| 121 | 12656 | 12657 | NS | 1 | 0.0 | 46.594 | 1.229 | 0.0 | 53.467 | 1.771 | 0.0 | 38.588 | 1.236 | 0.0 | 43.939 | 1.843 | 0.0 | 46.569 | 1.209 | 0.0 | 53.669 | 1.633 | 0.0 | 39.436 | 1.19 | 0.0 | 41.508 | 1.57 |
| 122 | 12656 | 12657 | NS | 1 | 0.0 | 46.594 | 1.229 | 0.0 | 53.467 | 1.771 | 0.0 | 38.588 | 1.236 | 0.0 | 43.939 | 1.843 | 0.0 | 46.569 | 1.209 | 0.0 | 53.669 | 1.633 | 0.0 | 39.436 | 1.19 | 0.0 | 41.508 | 1.57 |
| 123 | 12656 | 12657 | NS | 1 | 0.0 | 51.351 | 4.214 | 0.0 | 49.507 | 5.574 | 0.0 | 48.596 | 4.163 | 0.0 | 47.496 | 5.626 | 0.0 | 51.682 | 4.224 | 0.0 | 51.564 | 5.383 | 0.0 | 46.268 | 4.063 | 0.0 | 45.061 | 5.057 |
| 124 | 12656 | 12657 | NS | 1 | 0.0 | 51.351 | 4.214 | 0.0 | 49.507 | 5.574 | 0.0 | 48.596 | 4.163 | 0.0 | 47.496 | 5.626 | 0.0 | 51.682 | 4.224 | 0.0 | 51.564 | 5.383 | 0.0 | 46.268 | 4.063 | 0.0 | 45.061 | 5.057 |
| 125 | 12656 | 12657 | SN | 1 | 0.0 | 47.682 | 5.056 | 0.0 | 49.682 | 6.375 | 0.0 | 43.975 | 6.252 | 0.0 | 50.476 | 7.747 | 0.0 | 48.218 | 5.288 | 0.0 | 50.41 | 6.435 | 0.0 | 44.325 | 6.507 | 0.0 | 51.106 | 8.196 |
| 126 | 12656 | 12657 | SN | 1 | 0.0 | 47.682 | 5.056 | 0.0 | 49.682 | 6.375 | 0.0 | 43.975 | 6.252 | 0.0 | 50.476 | 7.747 | 0.0 | 48.218 | 5.288 | 0.0 | 50.41 | 6.435 | 0.0 | 44.325 | 6.507 | 0.0 | 51.106 | 8.196 |
| 127 | 12657 | 12658 | SN | 1 | 0.0 | 45.572 | 0.794 | 0.0 | 42.379 | 1.104 | 0.0 | 44.851 | 0.921 | 0.0 | 40.487 | 1.569 | 0.0 | 44.082 | 0.776 | 0.0 | 42.691 | 0.944 | 0.0 | 47.166 | 0.856 | 0.0 | 40.811 | 1.235 |
| 128 | 12657 | 12658 | SN | 1 | 0.0 | 49.229 | 2.499 | 0.0 | 40.612 | 3.534 | 0.0 | 41.079 | 2.778 | 0.0 | 45.386 | 4.458 | 0.0 | 49.747 | 2.55 | 0.0 | 41.536 | 3.197 | 0.0 | 42.024 | 2.729 | 0.0 | 46.563 | 3.817 |
| 129 | 12657 | 12658 | SN | 1 | 0.0 | 45.572 | 0.79 | 0.0 | 42.247 | 1.102 | 0.0 | 37.736 | 0.921 | 0.0 | 40.53 | 1.56 | 0.0 | 44.081 | 0.772 | 0.0 | 42.691 | 0.94 | 0.0 | 38.271 | 0.856 | 0.0 | 40.854 | 1.233 |
| 130 | 12657 | 12658 | NS | 1 | 0.0 | 45.474 | 1.314 | 0.0 | 43.865 | 1.912 | 0.0 | 36.769 | 1.482 | 0.0 | 44.521 | 1.992 | 0.0 | 44.801 | 1.294 | 0.0 | 41.332 | 1.828 | 0.0 | 36.313 | 1.438 | 0.0 | 41.982 | 1.853 |
| 131 | 12657 | 12658 | SN | 1 | 0.0 | 49.213 | 2.587 | 0.0 | 40.87 | 3.529 | 0.0 | 40.968 | 2.853 | 0.0 | 45.063 | 4.476 | 0.0 | 49.731 | 2.608 | 0.0 | 41.536 | 3.199 | 0.0 | 41.913 | 2.788 | 0.0 | 46.239 | 3.857 |
| 132 | 12657 | 12658 | SN | 1 | 0.0 | 49.229 | 2.537 | 0.0 | 40.612 | 3.571 | 0.0 | 41.079 | 2.802 | 0.0 | 45.169 | 4.498 | 0.0 | 49.747 | 2.588 | 0.0 | 41.536 | 3.23 | 0.0 | 42.024 | 2.752 | 0.0 | 46.348 | 3.857 |
| 133 | 12657 | 12658 | NS | 1 | 0.0 | 45.474 | 1.314 | 0.0 | 43.865 | 1.912 | 0.0 | 36.769 | 1.484 | 0.0 | 44.521 | 1.994 | 0.0 | 44.801 | 1.296 | 0.0 | 41.332 | 1.828 | 0.0 | 36.313 | 1.434 | 0.0 | 41.982 | 1.855 |
| 134 | 12657 | 12658 | SN | 1 | 0.0 | 45.572 | 0.781 | 0.0 | 42.247 | 1.092 | 0.0 | 37.736 | 0.911 | 0.0 | 40.586 | 1.548 | 0.0 | 44.081 | 0.761 | 0.0 | 42.691 | 0.931 | 0.0 | 38.271 | 0.849 | 0.0 | 40.911 | 1.224 |
| 135 | 12657 | 12658 | NS | 1 | 0.0 | 46.746 | 5.037 | 0.0 | 55.694 | 6.851 | 0.0 | 39.937 | 4.635 | 0.0 | 47.646 | 6.094 | 0.0 | 47.195 | 5.047 | 0.0 | 57.428 | 6.659 | 0.0 | 38.316 | 4.65 | 0.0 | 49.548 | 5.987 |
| 136 | 12657 | 12658 | NS | 1 | 0.0 | 46.746 | 5.037 | 0.0 | 55.694 | 6.851 | 0.0 | 39.937 | 4.628 | 0.0 | 47.646 | 6.094 | 0.0 | 47.195 | 5.047 | 0.0 | 57.428 | 6.659 | 0.0 | 38.316 | 4.628 | 0.0 | 49.548 | 5.994 |
| 137 | 12658 | 12659 | NS | 1 | 0.0 | 46.057 | 1.743 | 0.0 | 51.995 | 2.33 | 0.0 | 37.75 | 1.81 | 0.0 | 42.091 | 2.42 | 0.0 | 47.464 | 1.826 | 0.0 | 48.637 | 2.33 | 0.0 | 36.382 | 1.885 | 0.0 | 38.321 | 2.418 |
| 138 | 12658 | 12659 | SN | 1 | 0.0 | 47.595 | 4.305 | 0.0 | 49.713 | 5.395 | 0.0 | 39.735 | 3.955 | 0.0 | 44.875 | 4.943 | 0.0 | 48.509 | 4.315 | 0.0 | 48.783 | 5.303 | 0.0 | 36.886 | 3.912 | 0.0 | 42.65 | 4.675 |
| 139 | 12658 | 12659 | SN | 1 | 0.0 | 42.174 | 1.136 | 0.0 | 40.722 | 1.562 | 0.0 | 37.027 | 1.233 | 0.0 | 40.587 | 1.697 | 0.0 | 42.5 | 1.166 | 0.0 | 41.736 | 1.472 | 0.0 | 36.929 | 1.226 | 0.0 | 43.453 | 1.518 |

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

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 12658 | 12659 | SN | 1 | 0.0 | 44.382 | 4.191 | 0.0 | 49.713 | 5.314 | 0.0 | 39.735 | 3.88 | 0.0 | 44.875 | 4.874 | 0.0 | 43.806 | 4.222 | 0.0 | 48.783 | 5.223 | 0.0 | 36.886 | 3.845 | 0.0 | 42.65 | 4.617 |
| 141 | 12658 | 12659 | NS | 1 | 0.0 | 51.113 | 5.957 | 0.0 | 53.647 | 7.679 | 0.0 | 42.612 | 6.277 | 0.0 | 46.606 | 7.003 | 0.0 | 51.425 | 6.018 | 0.0 | 54.499 | 7.508 | 0.0 | 42.618 | 6.626 | 0.0 | 43.243 | 7.038 |
| 142 | 12658 | 12659 | NS | 1 | 0.0 | 49.145 | 5.917 | 0.0 | 55.5 | 7.589 | 0.0 | 45.37 | 6.284 | 0.0 | 45.268 | 7.024 | 0.0 | 49.453 | 6.038 | 0.0 | 56.35 | 7.458 | 0.0 | 45.556 | 6.512 | 0.0 | 43.173 | 7.138 |
| 143 | 12658 | 12659 | SN | 1 | 0.0 | 44.382 | 4.191 | 0.0 | 49.713 | 5.314 | 0.0 | 39.735 | 3.88 | 0.0 | 44.875 | 4.874 | 0.0 | 43.806 | 4.222 | 0.0 | 48.783 | 5.223 | 0.0 | 36.886 | 3.845 | 0.0 | 42.65 | 4.617 |
| 144 | 12658 | 12659 | SN | 1 | 0.0 | 42.174 | 1.119 | 0.0 | 40.722 | 1.536 | 0.0 | 37.027 | 1.212 | 0.0 | 45.91 | 1.67 | 0.0 | 42.5 | 1.146 | 0.0 | 41.736 | 1.448 | 0.0 | 36.929 | 1.21 | 0.0 | 43.453 | 1.491 |
| 145 | 12658 | 12659 | SN | 1 | 0.0 | 42.174 | 1.119 | 0.0 | 40.722 | 1.536 | 0.0 | 37.027 | 1.212 | 0.0 | 45.91 | 1.67 | 0.0 | 42.5 | 1.146 | 0.0 | 41.736 | 1.448 | 0.0 | 36.929 | 1.21 | 0.0 | 43.453 | 1.491 |
| 146 | 12658 | 12659 | NS | 1 | 0.0 | 44.387 | 1.765 | 0.0 | 46.079 | 2.315 | 0.0 | 43.777 | 1.789 | 0.0 | 48.599 | 2.427 | 0.0 | 43.908 | 1.831 | 0.0 | 44.631 | 2.333 | 0.0 | 40.541 | 1.858 | 0.0 | 48.767 | 2.4 |
| 147 | 12659 | 12660 | SN | 1 | 0.0 | 43.689 | 4.27 | 0.0 | 41.297 | 4.109 | 0.0 | 39.961 | 4.154 | 0.0 | 40.822 | 4.873 | 0.0 | 43.529 | 4.28 | 0.0 | 41.036 | 3.715 | 0.0 | 42.586 | 4.027 | 0.0 | 42.189 | 4.382 |
| 148 | 12659 | 12660 | NS | 1 | 0.0 | 40.349 | 0.765 | 0.0 | 47.261 | 1.037 | 0.0 | 36.099 | 0.801 | 0.0 | 43.508 | 1.06 | 0.0 | 39.704 | 0.789 | 0.0 | 48.43 | 0.994 | 0.0 | 37.14 | 0.777 | 0.0 | 43.413 | 0.954 |
| 149 | 12659 | 12660 | SN | 1 | 0.0 | 43.689 | 4.29 | 0.0 | 41.297 | 4.099 | 0.0 | 38.98 | 4.161 | 0.0 | 40.822 | 4.88 | 0.0 | 43.573 | 4.27 | 0.0 | 41.036 | 3.715 | 0.0 | 41.605 | 4.076 | 0.0 | 42.189 | 4.367 |
| 150 | 12659 | 12660 | SN | 1 | 0.0 | 37.778 | 1.123 | 0.0 | 38.155 | 1.221 | 0.0 | 36.477 | 1.515 | 0.0 | 41.119 | 1.848 | 0.0 | 38.51 | 1.107 | 0.0 | 39.301 | 1.146 | 0.0 | 35.136 | 1.439 | 0.0 | 38.041 | 1.548 |
| 151 | 12659 | 12660 | NS | 1 | 0.0 | 52.545 | 3.104 | 0.0 | 53.234 | 3.321 | 0.0 | 49.744 | 3.149 | 0.0 | 46.928 | 3.601 | 0.0 | 54.476 | 3.064 | 0.0 | 53.595 | 3.15 | 0.0 | 47.619 | 3.135 | 0.0 | 45.933 | 3.245 |
| 152 | 12659 | 12660 | NS | 1 | 0.0 | 52.997 | 2.923 | 0.0 | 57.07 | 3.292 | 0.0 | 46.458 | 2.998 | 0.0 | 45.734 | 3.801 | 0.0 | 53.371 | 2.973 | 0.0 | 56.08 | 3.071 | 0.0 | 46.066 | 3.013 | 0.0 | 43.602 | 3.488 |
| 153 | 12659 | 12660 | NS | 1 | 0.0 | 36.316 | 0.783 | 0.0 | 47.334 | 0.992 | 0.0 | 39.026 | 0.857 | 0.0 | 47.863 | 1.082 | 0.0 | 37.915 | 0.806 | 0.0 | 45.21 | 0.967 | 0.0 | 41.623 | 0.868 | 0.0 | 49.572 | 0.953 |
| 154 | 12659 | 12660 | SN | 1 | 0.0 | 37.778 | 1.127 | 0.0 | 38.155 | 1.214 | 0.0 | 36.477 | 1.51 | 0.0 | 41.119 | 1.842 | 0.0 | 38.51 | 1.114 | 0.0 | 39.301 | 1.142 | 0.0 | 35.136 | 1.436 | 0.0 | 38.063 | 1.537 |
| 155 | 12660 | 12661 | SN | 1 | 0.0 | 44.597 | 1.335 | 0.0 | 47.405 | 1.589 | 0.0 | 41.26 | 1.608 | 0.0 | 38.519 | 2.172 | 0.0 | 44.369 | 1.301 | 0.0 | 47.665 | 1.482 | 0.0 | 40.102 | 1.609 | 0.0 | 38.885 | 1.999 |
| 156 | 12660 | 12661 | SN | 1 | 0.0 | 43.177 | 4.594 | 0.0 | 41.803 | 5.026 | 0.0 | 37.781 | 5.207 | 0.0 | 41.095 | 6.322 | 0.0 | 42.613 | 4.657 | 0.0 | 45.074 | 4.698 | 0.0 | 38.403 | 5.281 | 0.0 | 39.923 | 5.934 |
| 157 | 12660 | 12661 | NS | 1 | 0.0 | 49.295 | 1.437 | 0.0 | 49.334 | 2.124 | 0.0 | 45.72 | 1.593 | 0.0 | 44.391 | 2.086 | 0.0 | 48.323 | 1.475 | 0.0 | 51.524 | 1.988 | 0.0 | 47.129 | 1.569 | 0.0 | 44.937 | 1.903 |
| 158 | 12660 | 12661 | NS | 1 | 0.0 | 49.295 | 1.437 | 0.0 | 49.334 | 2.124 | 0.0 | 45.72 | 1.593 | 0.0 | 44.391 | 2.086 | 0.0 | 48.323 | 1.475 | 0.0 | 51.524 | 1.988 | 0.0 | 47.129 | 1.569 | 0.0 | 44.937 | 1.903 |
| 159 | 12660 | 12661 | SN | 1 | 0.0 | 44.597 | 1.337 | 0.0 | 47.405 | 1.6 | 0.0 | 38.811 | 1.601 | 0.0 | 38.519 | 2.161 | 0.0 | 44.369 | 1.312 | 0.0 | 47.665 | 1.498 | 0.0 | 37.046 | 1.604 | 0.0 | 38.885 | 1.969 |
| 160 | 12660 | 12661 | NS | 1 | 0.0 | 51.678 | 5.262 | 0.0 | 47.643 | 6.545 | 0.0 | 42.969 | 4.962 | 0.0 | 44.249 | 6.415 | 0.0 | 52.562 | 5.332 | 0.0 | 47.474 | 6.142 | 0.0 | 43.173 | 4.876 | 0.0 | 45.895 | 6.017 |
| 161 | 12660 | 12661 | NS | 1 | 0.0 | 51.678 | 5.262 | 0.0 | 47.643 | 6.545 | 0.0 | 42.969 | 4.962 | 0.0 | 44.249 | 6.415 | 0.0 | 52.562 | 5.332 | 0.0 | 47.474 | 6.142 | 0.0 | 43.173 | 4.876 | 0.0 | 45.895 | 6.017 |
| 162 | 12660 | 12661 | SN | 1 | 0.0 | 44.597 | 1.401 | 0.0 | 47.405 | 1.67 | 0.0 | 38.811 | 1.648 | 0.0 | 38.519 | 2.241 | 0.0 | 44.369 | 1.377 | 0.0 | 47.665 | 1.564 | 0.0 | 37.046 | 1.659 | 0.0 | 38.885 | 2.048 |
| 163 | 12660 | 12661 | SN | 1 | 0.0 | 43.177 | 4.392 | 0.0 | 41.803 | 4.822 | 0.0 | 39.58 | 5.006 | 0.0 | 41.095 | 6.069 | 0.0 | 42.613 | 4.462 | 0.0 | 45.074 | 4.508 | 0.0 | 38.942 | 5.063 | 0.0 | 39.923 | 5.71 |
| 164 | 12660 | 12661 | SN | 1 | 0.0 | 43.177 | 4.402 | 0.0 | 41.803 | 4.761 | 0.0 | 39.099 | 4.992 | 0.0 | 45.171 | 6.018 | 0.0 | 42.613 | 4.432 | 0.0 | 45.074 | 4.477 | 0.0 | 38.46 | 5.07 | 0.0 | 43.998 | 5.675 |
| 165 | 12661 | 12662 | SN | 1 | 0.0 | 43.352 | 1.072 | 0.0 | 48.351 | 1.334 | 0.0 | 43.237 | 1.152 | 0.0 | 45.759 | 1.643 | 0.0 | 42.748 | 1.101 | 0.0 | 47.828 | 1.225 | 0.0 | 44.822 | 1.107 | 0.0 | 43.578 | 1.355 |
| 166 | 12661 | 12662 | SN | 1 | 0.0 | 50.404 | 4.212 | 0.0 | 56.606 | 4.804 | 0.0 | 52.726 | 4.282 | 0.0 | 49.864 | 5.094 | 0.0 | 51.054 | 4.223 | 0.0 | 56.976 | 4.511 | 0.0 | 52.19 | 4.041 | 0.0 | 48.077 | 4.328 |
| 167 | 12661 | 12662 | SN | 1 | 0.0 | 50.404 | 4.098 | 0.0 | 56.606 | 4.72 | 0.0 | 52.726 | 4.164 | 0.0 | 49.864 | 4.964 | 0.0 | 51.054 | 4.108 | 0.0 | 56.976 | 4.426 | 0.0 | 52.19 | 3.937 | 0.0 | 48.077 | 4.213 |
| 168 | 12661 | 12662 | NS | 1 | 0.0 | 57.309 | 5.296 | 0.0 | 46.65 | 6.311 | 0.0 | 43.327 | 4.605 | 0.0 | 50.486 | 5.889 | 0.0 | 56.177 | 5.286 | 0.0 | 43.79 | 5.767 | 0.0 | 44.05 | 4.377 | 0.0 | 49.415 | 5.391 |
| 169 | 12661 | 12662 | NS | 1 | 0.0 | 56.793 | 5.307 | 0.0 | 46.924 | 6.321 | 0.0 | 43.112 | 4.541 | 0.0 | 50.064 | 5.868 | 0.0 | 55.785 | 5.297 | 0.0 | 43.662 | 5.808 | 0.0 | 43.833 | 4.355 | 0.0 | 48.991 | 5.413 |
| 170 | 12661 | 12662 | SN | 1 | 0.0 | 43.352 | 1.102 | 0.0 | 48.351 | 1.368 | 0.0 | 43.237 | 1.183 | 0.0 | 45.759 | 1.689 | 0.0 | 42.748 | 1.133 | 0.0 | 47.828 | 1.258 | 0.0 | 44.822 | 1.137 | 0.0 | 43.578 | 1.393 |
| 171 | 12661 | 12662 | SN | 1 | 0.0 | 43.352 | 1.072 | 0.0 | 48.351 | 1.334 | 0.0 | 43.237 | 1.152 | 0.0 | 45.759 | 1.643 | 0.0 | 42.748 | 1.101 | 0.0 | 47.828 | 1.225 | 0.0 | 44.822 | 1.107 | 0.0 | 43.578 | 1.355 |
| 172 | 12661 | 12662 | NS | 1 | 0.0 | 45.903 | 1.359 | 0.0 | 53.231 | 1.875 | 0.0 | 43.129 | 1.439 | 0.0 | 41.172 | 1.938 | 0.0 | 45.922 | 1.334 | 0.0 | 54.169 | 1.663 | 0.0 | 45.775 | 1.357 | 0.0 | 39.728 | 1.615 |
| 173 | 12661 | 12662 | NS | 1 | 0.0 | 45.848 | 1.387 | 0.0 | 52.392 | 1.873 | 0.0 | 44.159 | 1.43 | 0.0 | 41.172 | 1.94 | 0.0 | 45.945 | 1.369 | 0.0 | 53.891 | 1.661 | 0.0 | 46.806 | 1.363 | 0.0 | 37.481 | 1.599 |
| 174 | 12662 | 12663 | NS | 1 | 0.0 | 44.861 | 0.594 | 0.0 | 41.375 | 1.154 | 0.0 | 40.285 | 0.775 | 0.0 | 42.205 | 1.278 | 0.0 | 44.82 | 0.579 | 0.0 | 42.72 | 1.077 | 0.0 | 41.377 | 0.734 | 0.0 | 43.034 | 1.078 |
| 175 | 12662 | 12663 | NS | 1 | 0.0 | 46.545 | 2.098 | 0.0 | 42.965 | 3.826 | 0.0 | 46.494 | 2.595 | 0.0 | 47.846 | 4.033 | 0.0 | 45.628 | 2.199 | 0.0 | 41.675 | 3.847 | 0.0 | 47.482 | 2.517 | 0.0 | 49.501 | 3.546 |

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

Normal
Deviations
Alarming
High Errors

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 176 | 12662 | 12663 | SN | 1 | 0.0 | 55.154 | 7.866 | 0.0 | 59.737 | 8.45 | 0.0 | 44.066 | 5.46 | 0.0 | 47.129 | 6.629 | 0.0 | 58.183 | 7.937 | 0.0 | 61.329 | 8.144 | 0.0 | 43.922 | 5.297 | 0.0 | 44.712 | 6.263 |
| 177 | 12662 | 12663 | SN | 1 | 0.0 | 52.711 | 1.846 | 0.0 | 45.762 | 2.361 | 0.0 | 42.037 | 1.342 | 0.0 | 41.935 | 1.966 | 0.0 | 53.549 | 1.846 | 0.0 | 44.765 | 2.215 | 0.0 | 41.364 | 1.273 | 0.0 | 40.699 | 1.72 |
| 178 | 12662 | 12663 | SN | 1 | 0.0 | 52.711 | 1.846 | 0.0 | 45.762 | 2.361 | 0.0 | 42.037 | 1.342 | 0.0 | 41.935 | 1.968 | 0.0 | 53.549 | 1.844 | 0.0 | 44.765 | 2.215 | 0.0 | 41.364 | 1.273 | 0.0 | 40.699 | 1.72 |
| 179 | 12662 | 12663 | SN | 1 | 0.0 | 55.154 | 8.27 | 0.0 | 59.737 | 8.839 | 0.0 | 44.066 | 5.832 | 0.0 | 47.129 | 6.995 | 0.0 | 58.183 | 8.356 | 0.0 | 61.329 | 8.567 | 0.0 | 43.922 | 5.65 | 0.0 | 44.712 | 6.642 |
| 180 | 12662 | 12663 | SN | 1 | 0.0 | 52.711 | 1.966 | 0.0 | 45.762 | 2.505 | 0.0 | 42.037 | 1.426 | 0.0 | 41.935 | 2.073 | 0.0 | 53.549 | 1.969 | 0.0 | 44.765 | 2.354 | 0.0 | 41.364 | 1.356 | 0.0 | 40.699 | 1.82 |
| 181 | 12663 | 12664 | SN | 1 | 0.0 | 50.937 | 1.395 | 0.0 | 45.671 | 1.848 | 0.0 | 46.603 | 1.496 | 0.0 | 40.162 | 1.881 | 0.0 | 51.271 | 1.441 | 0.0 | 45.65 | 1.735 | 0.0 | 44.055 | 1.447 | 0.0 | 41.626 | 1.736 |
| 182 | 12663 | 12664 | SN | 1 | 0.0 | 51.114 | 5.88 | 0.0 | 53.149 | 6.505 | 0.0 | 50.401 | 5.522 | 0.0 | 45.435 | 5.927 | 0.0 | 50.713 | 5.839 | 0.0 | 51.143 | 6.516 | 0.0 | 51.496 | 5.456 | 0.0 | 46.762 | 5.572 |
| 183 | 12663 | 12664 | NS | 1 | 0.0 | 47.98 | 1.091 | 0.0 | 41.073 | 1.435 | 0.0 | 44.252 | 1.108 | 0.0 | 40.906 | 1.614 | 0.0 | 49.105 | 1.07 | 0.0 | 39.173 | 1.35 | 0.0 | 41.545 | 1.026 | 0.0 | 39.914 | 1.473 |
| 184 | 12663 | 12664 | NS | 1 | 0.0 | 56.512 | 3.609 | 0.0 | 44.402 | 4.723 | 0.0 | 49.125 | 3.983 | 0.0 | 39.824 | 5.134 | 0.0 | 56.208 | 3.67 | 0.0 | 44.71 | 4.488 | 0.0 | 46.369 | 3.812 | 0.0 | 38.282 | 4.738 |
| 185 | 12663 | 12664 | NS | 1 | 0.0 | 56.512 | 3.619 | 0.0 | 44.39 | 4.754 | 0.0 | 48.896 | 3.997 | 0.0 | 40.346 | 5.149 | 0.0 | 56.208 | 3.639 | 0.0 | 44.697 | 4.519 | 0.0 | 46.137 | 3.876 | 0.0 | 38.327 | 4.752 |
| 186 | 12663 | 12664 | SN | 1 | 0.0 | 50.599 | 5.818 | 0.0 | 50.687 | 6.547 | 0.0 | 50.692 | 5.456 | 0.0 | 49.275 | 5.964 | 0.0 | 50.197 | 5.797 | 0.0 | 48.466 | 6.558 | 0.0 | 51.786 | 5.427 | 0.0 | 50.601 | 5.623 |
| 187 | 12663 | 12664 | SN | 1 | 0.0 | 51.114 | 5.88 | 0.0 | 53.149 | 6.505 | 0.0 | 50.401 | 5.522 | 0.0 | 45.435 | 5.927 | 0.0 | 50.713 | 5.839 | 0.0 | 51.143 | 6.516 | 0.0 | 51.496 | 5.456 | 0.0 | 46.762 | 5.572 |
| 188 | 12663 | 12664 | SN | 1 | 0.0 | 47.545 | 1.395 | 0.0 | 46.682 | 1.837 | 0.0 | 39.184 | 1.476 | 0.0 | 39.599 | 1.853 | 0.0 | 47.88 | 1.427 | 0.0 | 47.008 | 1.723 | 0.0 | 40.029 | 1.432 | 0.0 | 41.062 | 1.736 |
| 189 | 12663 | 12664 | SN | 1 | 0.0 | 47.545 | 1.395 | 0.0 | 46.682 | 1.837 | 0.0 | 39.184 | 1.476 | 0.0 | 39.599 | 1.853 | 0.0 | 47.88 | 1.427 | 0.0 | 47.008 | 1.723 | 0.0 | 40.029 | 1.432 | 0.0 | 41.062 | 1.736 |
| 190 | 12664 | 12665 | NS | 1 | 0.0 | 50.912 | 5.113 | 0.0 | 51.155 | 5.906 | 0.0 | 44.043 | 5.422 | 0.0 | 49.721 | 6.185 | 0.0 | 51.757 | 5.224 | 0.0 | 51.96 | 5.712 | 0.0 | 44.62 | 5.379 | 0.0 | 47.291 | 6.127 |
| 191 | 12664 | 12665 | SN | 1 | 0.0 | 44.676 | 1.838 | 0.0 | 45.89 | 2.71 | 0.0 | 46.523 | 1.837 | 0.0 | 44.076 | 2.639 | 0.0 | 46.084 | 1.913 | 0.0 | 44.369 | 2.611 | 0.0 | 42.79 | 1.926 | 0.0 | 42.408 | 2.764 |
| 192 | 12664 | 12665 | SN | 1 | 0.0 | 45.29 | 6.895 | 0.0 | 47.614 | 8.612 | 0.0 | 41.028 | 5.411 | 0.0 | 43.007 | 7.07 | 0.0 | 45.108 | 7.067 | 0.0 | 43.984 | 8.519 | 0.0 | 40.712 | 5.765 | 0.0 | 43.959 | 7.593 |
| 193 | 12664 | 12665 | NS | 1 | 0.0 | 53.028 | 1.505 | 0.0 | 50.243 | 1.78 | 0.0 | 43.84 | 1.737 | 0.0 | 39.668 | 2.119 | 0.0 | 54.006 | 1.494 | 0.0 | 50.736 | 1.704 | 0.0 | 45.641 | 1.701 | 0.0 | 37.253 | 1.942 |
| 194 | 12664 | 12665 | NS | 1 | 0.0 | 53.028 | 1.503 | 0.0 | 50.243 | 1.762 | 0.0 | 40.776 | 1.746 | 0.0 | 39.668 | 2.139 | 0.0 | 54.006 | 1.505 | 0.0 | 50.736 | 1.686 | 0.0 | 42.819 | 1.707 | 0.0 | 38.117 | 1.928 |
| 195 | 12664 | 12665 | NS | 1 | 0.0 | 50.898 | 5.113 | 0.0 | 51.155 | 5.906 | 0.0 | 44.111 | 5.386 | 0.0 | 49.837 | 6.177 | 0.0 | 51.742 | 5.224 | 0.0 | 51.96 | 5.722 | 0.0 | 44.686 | 5.308 | 0.0 | 47.407 | 6.112 |
| 196 | 12665 | 12666 | NS | 1 | 0.0 | 53.639 | 3.077 | 0.0 | 53.31 | 4.1 | 0.0 | 38.067 | 3.497 | 0.0 | 40.977 | 4.742 | 0.0 | 53.441 | 2.976 | 0.0 | 54.708 | 3.469 | 0.0 | 35.954 | 3.319 | 0.0 | 38.842 | 4.167 |
| 197 | 12665 | 12666 | NS | 1 | 0.0 | 45.414 | 0.9 | 0.0 | 43.011 | 1.286 | 0.0 | 43.652 | 1.134 | 0.0 | 39.22 | 1.65 | 0.0 | 43.26 | 0.853 | 0.0 | 42.757 | 1.108 | 0.0 | 43.658 | 1.034 | 0.0 | 36.115 | 1.356 |
| 198 | 12666 | 12667 | SN | 1 | 0.0 | 43.143 | 0.837 | 0.0 | 45.562 | 1.083 | 0.0 | 43.944 | 0.845 | 0.0 | 44.925 | 1.186 | 0.0 | 44.738 | 0.846 | 0.0 | 43.516 | 0.95 | 0.0 | 41.651 | 0.762 | 0.0 | 44.115 | 0.955 |
| 199 | 12666 | 12667 | SN | 1 | 0.0 | 48.684 | 3.537 | 0.0 | 50.482 | 4.334 | 0.0 | 44.472 | 3.11 | 0.0 | 48.921 | 4.126 | 0.0 | 49.577 | 3.527 | 0.0 | 47.778 | 3.93 | 0.0 | 43.544 | 2.918 | 0.0 | 51.145 | 3.376 |
| 200 | 12667 | 12668 | SN | 1 | 0.0 | 38.54 | 3.715 | 0.0 | 54.357 | 5.199 | 0.0 | 42.216 | 4.12 | 0.0 | 45.555 | 5.32 | 0.0 | 39.19 | 3.825 | 0.0 | 52.559 | 4.967 | 0.0 | 42.518 | 3.935 | 0.0 | 47.019 | 4.733 |
| 201 | 12667 | 12668 | NS | 1 | 0.0 | 42.177 | 4.379 | 0.0 | 47.938 | 5.811 | 0.0 | 42.366 | 5.332 | 0.0 | 46.407 | 6.623 | 0.0 | 41.984 | 4.429 | 0.0 | 48.595 | 5.811 | 0.0 | 44.948 | 5.667 | 0.0 | 44.924 | 6.523 |
| 202 | 12667 | 12668 | NS | 1 | 0.0 | 37.714 | 1.304 | 0.0 | 38.966 | 1.752 | 0.0 | 37.29 | 1.704 | 0.0 | 39.003 | 2.209 | 0.0 | 36.845 | 1.313 | 0.0 | 39.287 | 1.836 | 0.0 | 39.309 | 1.775 | 0.0 | 35.601 | 2.075 |
| 203 | 12667 | 12668 | SN | 1 | 0.0 | 42.86 | 0.995 | 0.0 | 44.75 | 1.544 | 0.0 | 36.809 | 1.377 | 0.0 | 46.713 | 1.869 | 0.0 | 43.895 | 0.982 | 0.0 | 45.696 | 1.392 | 0.0 | 35.844 | 1.342 | 0.0 | 44.723 | 1.562 |
| 204 | 12668 | 12669 | SN | 1 | 0.0 | 57.256 | 9.859 | 0.0 | 60.338 | 36.86 | 0.0 | 55.66 | 9.724 | 0.0 | 58.656 | 39.675 | 0.0 | 58.041 | 9.937 | 0.0 | 59.173 | 37.89 | 0.0 | 56.221 | 10.091 | 0.0 | 57.4 | 39.705 |
| 205 | 12668 | 12669 | NS | 1 | 0.0 | 45.606 | 0.558 | 0.0 | 41.673 | 0.735 | 0.0 | 35.329 | 0.759 | 0.0 | 38.259 | 1.054 | 0.0 | 46.289 | 0.565 | 0.0 | 42.955 | 0.678 | 0.0 | 35.345 | 0.686 | 0.0 | 38.555 | 0.825 |
| 206 | 12668 | 12669 | SN | 1 | 0.0 | 50.418 | 12.238 | 0.0 | 56.868 | 55.22 | 0.0 | 55.774 | 19.286 | 0.0 | 55.823 | 59.747 | 0.0 | 51.619 | 12.406 | 0.0 | 59.173 | 56.891 | 0.0 | 56.394 | 19.634 | 0.0 | 54.159 | 60.544 |
| 207 | 12668 | 12669 | SN | 1 | 0.0 | 59.487 | 5.488 | 0.0 | 59.035 | 21.167 | 0.0 | 56.223 | 6.126 | 0.0 | 53.602 | 22.398 | 0.0 | 58.279 | 5.555 | 0.0 | 60.986 | 21.405 | 0.0 | 57.169 | 5.73 | 0.0 | 54.464 | 21.307 |
| 208 | 12668 | 12669 | SN | 1 | 0.0 | 52.692 | 7.889 | 0.0 | 60.958 | 31.864 | 0.0 | 55.426 | 12.912 | 0.0 | 56.991 | 36.32 | 0.0 | 52.591 | 7.959 | 0.0 | 62.431 | 31.7 | 0.0 | 57.169 | 12.345 | 0.0 | 58.107 | 35.2 |
| 209 | 12668 | 12669 | NS | 1 | 0.0 | 40.943 | 2.514 | 0.0 | 43.229 | 2.91 | 0.0 | 42.84 | 2.431 | 0.0 | 38.545 | 3.476 | 0.0 | 40.487 | 2.503 | 0.0 | 43.191 | 2.585 | 0.0 | 44.459 | 2.297 | 0.0 | 36.421 | 2.962 |
| 210 | 12668 | 12669 | NS | 1 | 0.0 | 42.332 | 0.611 | 0.0 | 40.112 | 0.822 | 0.0 | 35.329 | 0.787 | 0.0 | 38.259 | 1.158 | 0.0 | 44.097 | 0.604 | 0.0 | 41.918 | 0.769 | 0.0 | 34.551 | 0.722 | 0.0 | 38.555 | 0.894 |
| 211 | 12668 | 12669 | NS | 1 | 0.0 | 40.943 | 2.292 | 0.0 | 43.229 | 2.623 | 0.0 | 42.751 | 2.437 | 0.0 | 38.545 | 3.167 | 0.0 | 40.487 | 2.221 | 0.0 | 43.191 | 2.318 | 0.0 | 45.034 | 2.359 | 0.0 | 36.421 | 2.679 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 212 | 12669 | 12670 | NS | 1 | 0.0 | 46.668 | 4.687 | 0.0 | 56.71 | 5.36 | 0.0 | 49.914 | 4.265 | 0.0 | 50.191 | 5.296 | 0.0 | 47.623 | 4.809 | 0.0 | 57.643 | 5.209 | 0.0 | 47.846 | 4.25 | 0.0 | 50.639 | 4.933 |
| 213 | 12669 | 12670 | SN | 1 | 0.0 | 37.351 | 0.457 | 0.0 | 37.976 | 0.789 | 0.0 | 44.247 | 0.699 | 0.0 | 49.453 | 0.882 | 0.0 | 38.146 | 0.494 | 0.0 | 36.224 | 0.779 | 0.0 | 42.963 | 0.693 | 0.0 | 45.694 | 0.782 |
| 214 | 12669 | 12670 | SN | 1 | 0.0 | 50.112 | 1.902 | 0.0 | 45.279 | 2.457 | 0.0 | 48.07 | 2.372 | 0.0 | 45.527 | 2.646 | 0.0 | 51.328 | 1.983 | 0.0 | 44.88 | 2.538 | 0.0 | 50.402 | 2.287 | 0.0 | 45.189 | 2.524 |
| 215 | 12669 | 12670 | NS | 1 | 0.0 | 46.668 | 4.653 | 0.0 | 56.71 | 5.63 | 0.0 | 43.443 | 4.011 | 0.0 | 50.191 | 5.538 | 0.0 | 47.623 | 4.772 | 0.0 | 57.643 | 5.428 | 0.0 | 42.801 | 3.928 | 0.0 | 50.639 | 5.201 |
| 216 | 12669 | 12670 | NS | 1 | 0.0 | 45.061 | 1.386 | 0.0 | 48.649 | 1.625 | 0.0 | 45.404 | 1.204 | 0.0 | 40.548 | 1.634 | 0.0 | 46.812 | 1.413 | 0.0 | 48.606 | 1.518 | 0.0 | 43.317 | 1.179 | 0.0 | 40.575 | 1.369 |
| 217 | 12669 | 12670 | NS | 1 | 0.0 | 45.061 | 1.49 | 0.0 | 48.649 | 1.76 | 0.0 | 45.404 | 1.199 | 0.0 | 39.925 | 1.718 | 0.0 | 46.812 | 1.533 | 0.0 | 48.606 | 1.661 | 0.0 | 43.317 | 1.157 | 0.0 | 40.041 | 1.47 |
| 218 | 12669 | 12670 | NS | 1 | 0.0 | 53.341 | 4.748 | 0.0 | 53.04 | 5.451 | 0.0 | 46.497 | 4.372 | 0.0 | 48.562 | 5.567 | 0.0 | 54.057 | 4.859 | 0.0 | 54.184 | 5.088 | 0.0 | 45.6 | 4.336 | 0.0 | 45.534 | 5.026 |
| 219 | 12669 | 12670 | SN | 1 | 0.0 | 47.327 | 1.901 | 0.0 | 52.777 | 2.245 | 0.0 | 52.05 | 2.372 | 0.0 | 38.344 | 2.438 | 0.0 | 48.563 | 2.044 | 0.0 | 50.186 | 2.306 | 0.0 | 54.302 | 2.308 | 0.0 | 37.269 | 2.301 |
| 220 | 12669 | 12670 | SN | 1 | 0.0 | 39.204 | 0.447 | 0.0 | 41.904 | 0.739 | 0.0 | 40.024 | 0.708 | 0.0 | 37.057 | 0.851 | 0.0 | 38.782 | 0.461 | 0.0 | 42.628 | 0.714 | 0.0 | 39.937 | 0.69 | 0.0 | 36.78 | 0.762 |
| 221 | 12669 | 12670 | SN | 1 | 0.0 | 47.327 | 2.042 | 0.0 | 45.974 | 2.39 | 0.0 | 52.05 | 2.527 | 0.0 | 38.344 | 2.583 | 0.0 | 48.563 | 2.195 | 0.0 | 46.517 | 2.457 | 0.0 | 54.302 | 2.473 | 0.0 | 37.269 | 2.459 |
| 222 | 12669 | 12670 | NS | 1 | 0.0 | 45.061 | 1.36 | 0.0 | 48.649 | 1.694 | 0.0 | 45.404 | 1.135 | 0.0 | 39.925 | 1.713 | 0.0 | 46.812 | 1.397 | 0.0 | 48.606 | 1.581 | 0.0 | 43.317 | 1.089 | 0.0 | 40.041 | 1.44 |
| 223 | 12669 | 12670 | SN | 1 | 0.0 | 37.351 | 0.425 | 0.0 | 37.976 | 0.739 | 0.0 | 44.247 | 0.652 | 0.0 | 49.453 | 0.817 | 0.0 | 38.146 | 0.464 | 0.0 | 36.224 | 0.725 | 0.0 | 42.963 | 0.643 | 0.0 | 45.694 | 0.732 |
| 224 | 12669 | 12670 | NS | 1 | 0.0 | 53.418 | 1.397 | 0.0 | 53.368 | 1.652 | 0.0 | 43.537 | 1.213 | 0.0 | 41.217 | 1.687 | 0.0 | 53.436 | 1.427 | 0.0 | 56.104 | 1.571 | 0.0 | 42.38 | 1.211 | 0.0 | 38.376 | 1.417 |

| 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 | 12642 | 12643 | SN | 1 | 0.0 | 23.317 | 6.55 | 0.0 | 235.466 | 7.912 | 0.0 | 140.881 | 3.084 | 0.0 | 16.131 | 4.078 | 0.0 | 1.404 | 0.0 | 0.0 | 1.79 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.146 | 0.0 |
| 2 | 12642 | 12643 | SN | 1 | 0.0 | 32.544 | 12.259 | 0.0 | 235.482 | 12.417 | 0.0 | 146.875 | 10.405 | 0.0 | 64.277 | 12.359 | 0.0 | 1.415 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.151 | 0.0 |
| 3 | 12642 | 12643 | NS | 1 | 0.0 | 200.804 | 9.597 | 0.0 | 32.897 | 14.03 | 0.0 | 356.636 | 9.57 | 0.0 | 33.702 | 11.545 | 0.0 | 1.408 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.161 | 0.0 |
| 4 | 12642 | 12643 | SN | 1 | 0.0 | 23.317 | 6.563 | 0.0 | 235.466 | 7.941 | 0.0 | 140.881 | 3.068 | 0.0 | 49.332 | 4.157 | 0.0 | 1.404 | 0.0 | 0.0 | 1.79 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.146 | 0.0 |
| 5 | 12642 | 12643 | NS | 1 | 0.0 | 25.601 | 5.316 | 0.0 | 24.487 | 6.861 | 0.0 | 141.008 | 2.381 | 0.0 | 23.874 | 2.996 | 0.0 | 1.434 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.16 | 0.0 |
| 6 | 12642 | 12643 | SN | 1 | 0.0 | 32.544 | 12.29 | 0.0 | 235.482 | 12.237 | 0.0 | 146.875 | 10.442 | 0.0 | 25.54 | 12.142 | 0.0 | 1.415 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.151 | 0.0 |
| 7 | 12643 | 12644 | SN | 1 | 0.0 | 32.357 | 12.292 | 0.0 | 24.702 | 12.215 | 0.0 | 150.493 | 10.957 | 0.0 | 174.244 | 12.624 | 0.0 | 1.413 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.15 | 0.0 |
| 8 | 12643 | 12644 | SN | 1 | 0.0 | 32.357 | 12.231 | 0.0 | 24.702 | 12.376 | 0.0 | 150.493 | 10.899 | 0.0 | 174.244 | 12.864 | 0.0 | 1.413 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.15 | 0.0 |
| 9 | 12643 | 12644 | NS | 1 | 0.0 | 235.659 | 5.328 | 0.0 | 24.487 | 6.775 | 0.0 | 351.728 | 2.33 | 0.0 | 25.055 | 3.006 | 0.0 | 1.426 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.16 | 0.0 |
| 10 | 12643 | 12644 | SN | 1 | 0.0 | 23.301 | 6.593 | 0.0 | 25.435 | 7.996 | 0.0 | 164.816 | 3.271 | 0.0 | 15.53 | 4.271 | 0.0 | 1.405 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.147 | 0.0 |
| 11 | 12643 | 12644 | SN | 1 | 0.0 | 32.357 | 12.231 | 0.0 | 24.702 | 12.376 | 0.0 | 150.493 | 10.899 | 0.0 | 174.244 | 12.864 | 0.0 | 1.413 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.15 | 0.0 |
| 12 | 12643 | 12644 | SN | 1 | 0.0 | 23.301 | 6.603 | 0.0 | 25.435 | 8.035 | 0.0 | 164.816 | 3.276 | 0.0 | 61.531 | 4.379 | 0.0 | 1.405 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.147 | 0.0 |
| 13 | 12643 | 12644 | SN | 1 | 0.0 | 23.301 | 6.603 | 0.0 | 25.435 | 8.035 | 0.0 | 164.816 | 3.275 | 0.0 | 61.531 | 4.379 | 0.0 | 1.405 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.147 | 0.0 |
| 14 | 12643 | 12644 | NS | 1 | 0.0 | 211.294 | 9.675 | 0.0 | 32.792 | 13.898 | 0.0 | 356.818 | 9.56 | 0.0 | 33.95 | 11.474 | 0.0 | 1.424 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.16 | 0.0 |
| 15 | 12644 | 12645 | SN | 1 | 0.0 | 32.384 | 12.227 | 0.0 | 24.586 | 12.514 | 0.0 | 148.822 | 11.056 | 0.0 | 65.342 | 13.127 | 0.0 | 1.417 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.151 | 0.0 |
| 16 | 12644 | 12645 | NS | 1 | 0.0 | 268.55 | 9.644 | 0.0 | 35.825 | 13.997 | 0.0 | 354.408 | 9.497 | 0.0 | 36.079 | 11.508 | 0.0 | 1.417 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.16 | 0.0 |
| 17 | 12644 | 12645 | NS | 1 | 0.0 | 204.882 | 5.321 | 0.0 | 25.772 | 6.746 | 0.0 | 270.596 | 2.301 | 0.0 | 56.942 | 3.032 | 0.0 | 1.424 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.159 | 0.0 |
| 18 | 12644 | 12645 | SN | 1 | 0.0 | 23.295 | 6.632 | 0.0 | 25.441 | 8.156 | 0.0 | 143.026 | 3.366 | 0.0 | 63.61 | 4.453 | 0.0 | 1.408 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.148 | 0.0 |
| 19 | 12644 | 12645 | SN | 1 | 0.0 | 23.295 | 6.632 | 0.0 | 25.435 | 8.152 | 0.0 | 142.971 | 3.366 | 0.0 | 63.588 | 4.467 | 0.0 | 1.408 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.148 | 0.0 |
| 20 | 12644 | 12645 | NS | 1 | 0.0 | 257.186 | 5.312 | 0.0 | 25.772 | 6.739 | 0.0 | 176.952 | 2.302 | 0.0 | 39.515 | 3.028 | 0.0 | 1.437 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.157 | 0.0 |
| 21 | 12644 | 12645 | SN | 1 | 0.0 | 32.384 | 12.273 | 0.0 | 24.586 | 12.224 | 0.0 | 148.822 | 11.162 | 0.0 | 20.764 | 12.724 | 0.0 | 1.417 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.151 | 0.0 |
| 22 | 12644 | 12645 | SN | 1 | 0.0 | 23.295 | 6.618 | 0.0 | 25.441 | 8.074 | 0.0 | 143.026 | 3.352 | 0.0 | 15.53 | 4.311 | 0.0 | 1.408 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.148 | 0.0 |
| 23 | 12644 | 12645 | SN | 1 | 0.0 | 32.379 | 12.239 | 0.0 | 24.586 | 12.494 | 0.0 | 148.817 | 11.063 | 0.0 | 65.325 | 13.127 | 0.0 | 1.417 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.151 | 0.0 |
| 24 | 12644 | 12645 | NS | 1 | 0.0 | 24.862 | 9.666 | 0.0 | 32.792 | 13.942 | 0.0 | 356.73 | 9.525 | 0.0 | 35.302 | 11.499 | 0.0 | 1.402 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.16 | 0.0 |
| 25 | 12645 | 12646 | SN | 1 | 0.0 | 32.489 | 12.362 | 0.0 | 24.586 | 12.539 | 0.0 | 146.6 | 10.908 | 0.0 | 58.222 | 12.81 | 0.0 | 1.415 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.149 | 0.0 |
| 26 | 12645 | 12646 | NS | 1 | 0.0 | 258.469 | 5.293 | 0.0 | 25.777 | 6.715 | 0.0 | 354.954 | 2.243 | 0.0 | 38.555 | 2.961 | 0.0 | 1.425 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.16 | 0.0 |
| 27 | 12645 | 12646 | SN | 1 | 0.0 | 23.295 | 6.641 | 0.0 | 25.463 | 8.005 | 0.0 | 153.493 | 3.328 | 0.0 | 15.53 | 4.253 | 0.0 | 1.405 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.148 | 0.0 |
| 28 | 12645 | 12646 | NS | 1 | 0.0 | 258.469 | 5.06 | 0.0 | 25.761 | 6.585 | 0.0 | 354.959 | 2.153 | 0.0 | 38.577 | 2.757 | 0.0 | 1.425 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.16 | 0.0 |
| 29 | 12645 | 12646 | NS | 1 | 0.0 | 261.182 | 9.623 | 0.0 | 35.936 | 13.956 | 0.0 | 354.761 | 9.338 | 0.0 | 37.0 | 11.365 | 0.0 | 1.418 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.165 | 0.0 |
| 30 | 12645 | 12646 | SN | 1 | 0.0 | 32.489 | 12.362 | 0.0 | 24.586 | 12.539 | 0.0 | 146.6 | 10.908 | 0.0 | 58.222 | 12.817 | 0.0 | 1.415 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.149 | 0.0 |
| 31 | 12645 | 12646 | SN | 1 | 0.0 | 23.295 | 6.661 | 0.0 | 25.463 | 8.149 | 0.0 | 153.493 | 3.32 | 0.0 | 54.593 | 4.422 | 0.0 | 1.405 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.148 | 0.0 |

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

Normal
Alarming
Deviations
High Errors

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 12645 | 12646 | SN | 1 | 0.0 | 23.295 | 6.659 | 0.0 | 25.463 | 8.147 | 0.0 | 153.493 | 3.318 | 0.0 | 54.593 | 4.422 | 0.0 | 1.405 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.148 | 0.0 |
| 33 | 12645 | 12646 | NS | 1 | 0.0 | 261.182 | 9.714 | 0.0 | 35.936 | 13.707 | 0.0 | 354.761 | 9.0 | 0.0 | 37.011 | 10.835 | 0.0 | 1.418 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.165 | 0.0 |
| 34 | 12645 | 12646 | SN | 1 | 0.0 | 32.489 | 12.417 | 0.0 | 24.58 | 12.117 | 0.0 | 146.6 | 11.027 | 0.0 | 18.343 | 12.187 | 0.0 | 1.415 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.841 | 0.0 | 0.0 | 2.149 | 0.0 |
| 35 | 12646 | 12647 | NS | 1 | 0.0 | 25.612 | 5.318 | 0.0 | 24.481 | 6.749 | 0.0 | 355.345 | 2.299 | 0.0 | 55.635 | 3.023 | 0.0 | 1.434 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 36 | 12646 | 12647 | SN | 1 | 0.0 | 32.318 | 12.394 | 0.0 | 24.498 | 12.015 | 0.0 | 160.42 | 10.962 | 0.0 | 15.74 | 12.083 | 0.0 | 1.417 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.15 | 0.0 |
| 37 | 12646 | 12647 | SN | 1 | 0.0 | 32.318 | 12.314 | 0.0 | 24.586 | 12.59 | 0.0 | 160.42 | 10.818 | 0.0 | 68.932 | 12.938 | 0.0 | 1.417 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.15 | 0.0 |
| 38 | 12646 | 12647 | SN | 1 | 0.0 | 32.323 | 12.324 | 0.0 | 24.586 | 12.571 | 0.0 | 160.426 | 10.811 | 0.0 | 68.932 | 12.917 | 0.0 | 1.416 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.84 | 0.0 | 0.0 | 2.15 | 0.0 |
| 39 | 12646 | 12647 | NS | 1 | 0.0 | 23.196 | 9.65 | 0.0 | 36.052 | 14.026 | 0.0 | 354.331 | 9.515 | 0.0 | 38.015 | 11.507 | 0.0 | 1.419 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.159 | 0.0 |
| 40 | 12646 | 12647 | NS | 1 | 0.0 | 23.207 | 9.566 | 0.0 | 32.798 | 14.01 | 0.0 | 356.366 | 9.518 | 0.0 | 32.29 | 11.509 | 0.0 | 1.411 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.159 | 0.0 |
| 41 | 12646 | 12647 | SN | 1 | 0.0 | 23.323 | 6.624 | 0.0 | 25.463 | 7.917 | 0.0 | 135.757 | 3.3 | 0.0 | 15.53 | 4.165 | 0.0 | 1.407 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.147 | 0.0 |
| 42 | 12646 | 12647 | SN | 1 | 0.0 | 23.323 | 6.649 | 0.0 | 25.463 | 8.089 | 0.0 | 135.757 | 3.278 | 0.0 | 68.287 | 4.381 | 0.0 | 1.407 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.147 | 0.0 |
| 43 | 12646 | 12647 | SN | 1 | 0.0 | 23.323 | 6.651 | 0.0 | 25.463 | 8.089 | 0.0 | 135.774 | 3.273 | 0.0 | 68.287 | 4.381 | 0.0 | 1.407 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.843 | 0.0 | 0.0 | 2.147 | 0.0 |
| 44 | 12646 | 12647 | NS | 1 | 0.0 | 25.617 | 5.318 | 0.0 | 24.481 | 6.757 | 0.0 | 355.345 | 2.3 | 0.0 | 38.908 | 3.027 | 0.0 | 1.44 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.16 | 0.0 |
| 45 | 12647 | 12648 | NS | 1 | 0.0 | 25.606 | 5.317 | 0.0 | 25.772 | 6.73 | 0.0 | 174.801 | 2.306 | 0.0 | 40.375 | 3.033 | 0.0 | 1.422 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 46 | 12647 | 12648 | SN | 1 | 0.0 | 32.522 | 12.434 | 0.0 | 24.332 | 11.897 | 0.0 | 146.666 | 11.13 | 0.0 | 17.061 | 12.034 | 0.0 | 1.416 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.151 | 0.0 |
| 47 | 12647 | 12648 | NS | 1 | 0.0 | 23.588 | 9.56 | 0.0 | 32.825 | 13.945 | 0.0 | 356.625 | 9.543 | 0.0 | 33.206 | 11.517 | 0.0 | 1.414 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.159 | 0.0 |
| 48 | 12647 | 12648 | NS | 1 | 0.0 | 23.588 | 9.561 | 0.0 | 32.825 | 13.946 | 0.0 | 356.619 | 9.515 | 0.0 | 33.184 | 11.495 | 0.0 | 1.414 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.159 | 0.0 |
| 49 | 12647 | 12648 | NS | 1 | 0.0 | 25.606 | 5.32 | 0.0 | 25.772 | 6.725 | 0.0 | 129.942 | 2.322 | 0.0 | 40.331 | 3.035 | 0.0 | 1.425 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.158 | 0.0 |
| 50 | 12647 | 12648 | SN | 1 | 0.0 | 23.323 | 6.625 | 0.0 | 25.441 | 8.121 | 0.0 | 141.531 | 3.217 | 0.0 | 53.071 | 4.356 | 0.0 | 1.407 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.148 | 0.0 |
| 51 | 12647 | 12648 | SN | 1 | 0.0 | 23.323 | 6.625 | 0.0 | 25.441 | 8.123 | 0.0 | 141.531 | 3.219 | 0.0 | 53.143 | 4.356 | 0.0 | 1.407 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.148 | 0.0 |
| 52 | 12647 | 12648 | SN | 1 | 0.0 | 32.522 | 12.384 | 0.0 | 24.586 | 12.676 | 0.0 | 146.666 | 10.973 | 0.0 | 68.011 | 13.06 | 0.0 | 1.416 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.151 | 0.0 |
| 53 | 12647 | 12648 | SN | 1 | 0.0 | 23.323 | 6.58 | 0.0 | 25.441 | 7.903 | 0.0 | 141.531 | 3.252 | 0.0 | 43.108 | 4.119 | 0.0 | 1.407 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.148 | 0.0 |
| 54 | 12647 | 12648 | SN | 1 | 0.0 | 32.522 | 12.363 | 0.0 | 24.586 | 12.666 | 0.0 | 146.666 | 10.966 | 0.0 | 67.592 | 13.053 | 0.0 | 1.416 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.833 | 0.0 | 0.0 | 2.151 | 0.0 |
| 55 | 12648 | 12649 | SN | 1 | 0.0 | 23.312 | 6.216 | 0.0 | 25.452 | 7.518 | 0.0 | 167.033 | 2.978 | 0.0 | 57.105 | 3.868 | 0.0 | 1.407 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.147 | 0.0 |
| 56 | 12648 | 12649 | NS | 1 | 0.0 | 68.135 | 9.511 | 0.0 | 33.14 | 13.884 | 0.0 | 356.724 | 9.474 | 0.0 | 34.728 | 11.445 | 0.0 | 1.421 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.159 | 0.0 |
| 57 | 12648 | 12649 | NS | 1 | 0.0 | 207.571 | 9.511 | 0.0 | 32.732 | 13.893 | 0.0 | 356.73 | 9.459 | 0.0 | 34.739 | 11.43 | 0.0 | 1.421 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.159 | 0.0 |
| 58 | 12648 | 12649 | SN | 1 | 0.0 | 32.483 | 12.072 | 0.0 | 45.458 | 12.393 | 0.0 | 150.03 | 10.636 | 0.0 | 63.494 | 12.678 | 0.0 | 1.417 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.15 | 0.0 |
| 59 | 12648 | 12649 | SN | 1 | 0.0 | 32.483 | 12.072 | 0.0 | 45.458 | 12.393 | 0.0 | 150.03 | 10.636 | 0.0 | 63.494 | 12.678 | 0.0 | 1.417 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.15 | 0.0 |
| 60 | 12648 | 12649 | SN | 1 | 0.0 | 23.312 | 6.298 | 0.0 | 25.452 | 7.822 | 0.0 | 167.033 | 2.963 | 0.0 | 61.228 | 4.146 | 0.0 | 1.407 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.147 | 0.0 |
| 61 | 12648 | 12649 | SN | 1 | 0.0 | 23.312 | 6.298 | 0.0 | 25.452 | 7.822 | 0.0 | 167.033 | 2.963 | 0.0 | 61.228 | 4.146 | 0.0 | 1.407 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.147 | 0.0 |
| 62 | 12648 | 12649 | NS | 1 | 0.0 | 25.612 | 5.291 | 0.0 | 24.481 | 6.727 | 0.0 | 351.584 | 2.256 | 0.0 | 24.812 | 3.002 | 0.0 | 1.435 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.159 | 0.0 |
| 63 | 12648 | 12649 | SN | 1 | 0.0 | 32.483 | 12.09 | 0.0 | 45.458 | 11.582 | 0.0 | 150.03 | 10.762 | 0.0 | 62.742 | 11.484 | 0.0 | 1.417 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.15 | 0.0 |
| 64 | 12648 | 12649 | NS | 1 | 0.0 | 58.01 | 5.302 | 0.0 | 24.476 | 6.711 | 0.0 | 351.606 | 2.245 | 0.0 | 24.829 | 3.007 | 0.0 | 1.436 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.159 | 0.0 |
| 65 | 12649 | 12650 | SN | 1 | 0.0 | 32.268 | 12.308 | 0.0 | 86.252 | 12.48 | 0.0 | 143.236 | 11.022 | 0.0 | 269.295 | 13.182 | 0.0 | 1.417 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.152 | 0.0 |
| 66 | 12649 | 12650 | SN | 1 | 0.0 | 23.306 | 6.633 | 0.0 | 192.157 | 8.087 | 0.0 | 148.85 | 3.229 | 0.0 | 173.378 | 4.466 | 0.0 | 1.407 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.147 | 0.0 |
| 67 | 12649 | 12650 | NS | 1 | 0.0 | 24.994 | 9.691 | 0.0 | 47.666 | 13.978 | 0.0 | 356.575 | 9.502 | 0.0 | 35.136 | 11.558 | 0.0 | 1.403 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.158 | 0.0 |
| 68 | 12649 | 12650 | SN | 1 | 0.0 | 32.268 | 12.308 | 0.0 | 86.252 | 12.48 | 0.0 | 143.236 | 11.022 | 0.0 | 269.295 | 13.182 | 0.0 | 1.417 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.152 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | 12649 | 12650 | SN | 1 | 0.0 | 23.306 | 6.633 | 0.0 | 192.157 | 8.087 | 0.0 | 148.85 | 3.229 | 0.0 | 173.378 | 4.466 | 0.0 | 1.407 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.147 | 0.0 |
| 70 | 12649 | 12650 | NS | 1 | 0.0 | 25.612 | 5.354 | 0.0 | 25.755 | 6.694 | 0.0 | 119.987 | 2.298 | 0.0 | 38.142 | 3.065 | 0.0 | 1.425 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.159 | 0.0 |
| 71 | 12650 | 12651 | NS | 1 | 0.0 | 57.458 | 5.272 | 0.0 | 25.772 | 6.633 | 0.0 | 257.903 | 2.251 | 0.0 | 49.288 | 2.922 | 0.0 | 1.427 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.158 | 0.0 |
| 72 | 12650 | 12651 | SN | 1 | 0.0 | 32.39 | 12.302 | 0.0 | 81.652 | 12.537 | 0.0 | 148.773 | 10.861 | 0.0 | 62.49 | 12.76 | 0.0 | 1.419 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.151 | 0.0 |
| 73 | 12650 | 12651 | SN | 1 | 0.0 | 23.301 | 6.66 | 0.0 | 25.463 | 8.052 | 0.0 | 143.423 | 3.239 | 0.0 | 53.705 | 4.388 | 0.0 | 1.408 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.147 | 0.0 |
| 74 | 12650 | 12651 | NS | 1 | 0.0 | 165.971 | 9.641 | 0.0 | 32.77 | 13.888 | 0.0 | 354.595 | 9.405 | 0.0 | 36.41 | 11.306 | 0.0 | 1.416 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.161 | 0.0 |
| 75 | 12650 | 12651 | NS | 1 | 0.0 | 165.971 | 9.641 | 0.0 | 32.77 | 13.888 | 0.0 | 354.595 | 9.405 | 0.0 | 36.41 | 11.306 | 0.0 | 1.416 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.161 | 0.0 |
| 76 | 12650 | 12651 | NS | 1 | 0.0 | 57.458 | 5.272 | 0.0 | 25.772 | 6.633 | 0.0 | 257.903 | 2.251 | 0.0 | 49.288 | 2.922 | 0.0 | 1.427 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.158 | 0.0 |
| 77 | 12651 | 12652 | NS | 1 | 0.0 | 206.093 | 5.351 | 0.0 | 25.777 | 6.668 | 0.0 | 100.514 | 2.304 | 0.0 | 12.828 | 2.933 | 0.0 | 1.432 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.156 | 0.0 |
| 78 | 12651 | 12652 | NS | 1 | 0.0 | 206.093 | 5.271 | 0.0 | 25.777 | 6.639 | 0.0 | 100.514 | 2.267 | 0.0 | 54.317 | 2.999 | 0.0 | 1.432 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.156 | 0.0 |
| 79 | 12651 | 12652 | SN | 1 | 0.0 | 23.301 | 6.71 | 0.0 | 25.457 | 8.135 | 0.0 | 147.824 | 3.263 | 0.0 | 66.836 | 4.404 | 0.0 | 1.409 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.844 | 0.0 | 0.0 | 2.147 | 0.0 |
| 80 | 12651 | 12652 | NS | 1 | 0.0 | 272.367 | 9.547 | 0.0 | 29.687 | 13.688 | 0.0 | 208.183 | 9.605 | 0.0 | 15.266 | 11.347 | 0.0 | 1.413 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.161 | 0.0 |
| 81 | 12651 | 12652 | SN | 1 | 0.0 | 32.45 | 12.402 | 0.0 | 24.586 | 12.582 | 0.0 | 156.665 | 11.01 | 0.0 | 63.61 | 12.763 | 0.0 | 1.419 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.847 | 0.0 | 0.0 | 2.151 | 0.0 |
| 82 | 12651 | 12652 | NS | 1 | 0.0 | 272.367 | 9.549 | 0.0 | 32.781 | 13.94 | 0.0 | 208.183 | 9.448 | 0.0 | 31.75 | 11.538 | 0.0 | 1.413 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.161 | 0.0 |
| 83 | 12652 | 12653 | SN | 1 | 0.0 | 23.328 | 6.569 | 0.0 | 25.43 | 8.13 | 0.0 | 183.037 | 3.176 | 0.0 | 71.684 | 4.365 | 0.0 | 1.408 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.148 | 0.0 |
| 84 | 12652 | 12653 | SN | 1 | 0.0 | 23.328 | 6.569 | 0.0 | 25.43 | 8.13 | 0.0 | 183.037 | 3.176 | 0.0 | 71.684 | 4.365 | 0.0 | 1.408 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.842 | 0.0 | 0.0 | 2.148 | 0.0 |
| 85 | 12652 | 12653 | NS | 1 | 0.0 | 156.361 | 5.252 | 0.0 | 25.777 | 6.606 | 0.0 | 355.307 | 2.217 | 0.0 | 56.148 | 2.927 | 0.0 | 1.424 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.158 | 0.0 |
| 86 | 12652 | 12653 | SN | 1 | 0.0 | 28.391 | 12.237 | 0.0 | 24.58 | 12.483 | 0.0 | 182.469 | 10.588 | 0.0 | 44.627 | 12.719 | 0.0 | 1.416 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.151 | 0.0 |
| 87 | 12652 | 12653 | NS | 1 | 0.0 | 268.958 | 9.548 | 0.0 | 32.809 | 13.886 | 0.0 | 356.498 | 9.264 | 0.0 | 32.533 | 11.344 | 0.0 | 1.412 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.159 | 0.0 |
| 88 | 12652 | 12653 | SN | 1 | 0.0 | 28.391 | 12.237 | 0.0 | 24.58 | 12.483 | 0.0 | 182.469 | 10.588 | 0.0 | 44.627 | 12.719 | 0.0 | 1.416 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.832 | 0.0 | 0.0 | 2.151 | 0.0 |
| 89 | 12652 | 12653 | NS | 1 | 0.0 | 156.361 | 5.252 | 0.0 | 25.777 | 6.606 | 0.0 | 355.307 | 2.217 | 0.0 | 56.148 | 2.927 | 0.0 | 1.424 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.158 | 0.0 |
| 90 | 12652 | 12653 | NS | 1 | 0.0 | 268.958 | 9.548 | 0.0 | 32.803 | 13.886 | 0.0 | 356.498 | 9.264 | 0.0 | 32.539 | 11.344 | 0.0 | 1.412 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.159 | 0.0 |
| 91 | 12653 | 12654 | SN | 1 | 0.0 | 23.312 | 6.674 | 0.0 | 234.55 | 8.21 | 0.0 | 179.524 | 3.38 | 0.0 | 122.927 | 4.542 | 0.0 | 1.41 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.147 | 0.0 |
| 92 | 12653 | 12654 | NS | 1 | 0.0 | 230.171 | 9.635 | 0.0 | 33.09 | 13.978 | 0.0 | 356.614 | 9.464 | 0.0 | 34.347 | 11.564 | 0.0 | 1.42 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.157 | 0.0 |
| 93 | 12653 | 12654 | NS | 1 | 0.0 | 230.171 | 9.635 | 0.0 | 33.09 | 13.978 | 0.0 | 356.614 | 9.464 | 0.0 | 34.347 | 11.557 | 0.0 | 1.42 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.157 | 0.0 |
| 94 | 12653 | 12654 | SN | 1 | 0.0 | 31.838 | 12.261 | 0.0 | 234.583 | 12.571 | 0.0 | 165.979 | 11.147 | 0.0 | 54.692 | 13.155 | 0.0 | 1.42 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.153 | 0.0 |
| 95 | 12653 | 12654 | NS | 1 | 0.0 | 230.056 | 5.318 | 0.0 | 25.761 | 6.705 | 0.0 | 143.018 | 2.296 | 0.0 | 62.579 | 3.035 | 0.0 | 1.433 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.158 | 0.0 |
| 96 | 12653 | 12654 | NS | 1 | 0.0 | 230.056 | 5.318 | 0.0 | 25.761 | 6.705 | 0.0 | 143.018 | 2.296 | 0.0 | 62.579 | 3.037 | 0.0 | 1.433 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.158 | 0.0 |
| 97 | 12653 | 12654 | SN | 1 | 0.0 | 23.312 | 6.674 | 0.0 | 234.55 | 8.21 | 0.0 | 179.524 | 3.38 | 0.0 | 122.927 | 4.542 | 0.0 | 1.41 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.147 | 0.0 |
| 98 | 12653 | 12654 | SN | 1 | 0.0 | 31.838 | 12.261 | 0.0 | 234.583 | 12.571 | 0.0 | 165.979 | 11.147 | 0.0 | 54.692 | 13.155 | 0.0 | 1.42 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.835 | 0.0 | 0.0 | 2.153 | 0.0 |
| 99 | 12654 | 12655 | SN | 1 | 0.0 | 23.295 | 6.715 | 0.0 | 25.452 | 8.156 | 0.0 | 172.449 | 3.323 | 0.0 | 62.446 | 4.444 | 0.0 | 1.408 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.148 | 0.0 |
| 100 | 12654 | 12655 | SN | 1 | 0.0 | 23.295 | 6.715 | 0.0 | 25.452 | 8.156 | 0.0 | 172.449 | 3.323 | 0.0 | 62.446 | 4.444 | 0.0 | 1.408 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.148 | 0.0 |
| 101 | 12654 | 12655 | NS | 1 | 0.0 | 202.18 | 9.655 | 0.0 | 32.737 | 13.985 | 0.0 | 356.752 | 9.463 | 0.0 | 34.893 | 11.492 | 0.0 | 1.421 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.158 | 0.0 |
| 102 | 12654 | 12655 | NS | 1 | 0.0 | 202.18 | 9.655 | 0.0 | 32.737 | 13.985 | 0.0 | 356.752 | 9.463 | 0.0 | 34.899 | 11.492 | 0.0 | 1.421 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.158 | 0.0 |
| 103 | 12654 | 12655 | SN | 1 | 0.0 | 32.478 | 12.381 | 0.0 | 24.608 | 12.524 | 0.0 | 152.942 | 10.991 | 0.0 | 67.923 | 13.069 | 0.0 | 1.417 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.153 | 0.0 |
| 104 | 12654 | 12655 | NS | 1 | 0.0 | 46.638 | 6.026 | 0.0 | 25.772 | 7.06 | 0.0 | 351.81 | 2.62 | 0.0 | 12.833 | 3.309 | 0.0 | 1.441 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.158 | 0.0 |
| 105 | 12654 | 12655 | SN | 1 | 0.0 | 32.478 | 12.381 | 0.0 | 24.608 | 12.524 | 0.0 | 152.942 | 10.991 | 0.0 | 67.923 | 13.069 | 0.0 | 1.417 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.153 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106 | 12654 | 12655 | SN | 1 | 0.0 | 23.295 | 6.677 | 0.0 | 25.452 | 7.889 | 0.0 | 172.449 | 3.425 | 0.0 | 15.547 | 4.219 | 0.0 | 1.408 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.148 | 0.0 |
| 107 | 12654 | 12655 | SN | 1 | 0.0 | 32.478 | 12.437 | 0.0 | 22.948 | 11.723 | 0.0 | 152.942 | 11.162 | 0.0 | 15.773 | 11.933 | 0.0 | 1.417 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.153 | 0.0 |
| 108 | 12654 | 12655 | NS | 1 | 0.0 | 46.638 | 5.304 | 0.0 | 25.772 | 6.717 | 0.0 | 351.81 | 2.302 | 0.0 | 24.349 | 3.031 | 0.0 | 1.441 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.158 | 0.0 |
| 109 | 12654 | 12655 | NS | 1 | 0.0 | 46.638 | 5.304 | 0.0 | 25.772 | 6.717 | 0.0 | 351.81 | 2.302 | 0.0 | 24.354 | 3.031 | 0.0 | 1.441 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.158 | 0.0 |
| 110 | 12654 | 12655 | NS | 1 | 0.0 | 202.18 | 9.9 | 0.0 | 29.682 | 13.352 | 0.0 | 356.752 | 10.773 | 0.0 | 14.003 | 11.302 | 0.0 | 1.421 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.158 | 0.0 |
| 111 | 12655 | 12656 | SN | 1 | 0.0 | 32.472 | 12.455 | 0.0 | 24.553 | 11.988 | 0.0 | 149.065 | 11.197 | 0.0 | 233.227 | 12.371 | 0.0 | 1.416 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.152 | 0.0 |
| 112 | 12655 | 12656 | NS | 1 | 0.0 | 43.053 | 9.625 | 0.0 | 33.173 | 13.92 | 0.0 | 356.669 | 9.332 | 0.0 | 35.39 | 11.487 | 0.0 | 1.409 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.156 | 0.0 |
| 113 | 12655 | 12656 | SN | 1 | 0.0 | 32.472 | 12.421 | 0.0 | 24.602 | 12.516 | 0.0 | 149.065 | 11.055 | 0.0 | 233.227 | 13.132 | 0.0 | 1.416 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.839 | 0.0 | 0.0 | 2.152 | 0.0 |
| 114 | 12655 | 12656 | SN | 1 | 0.0 | 23.301 | 6.694 | 0.0 | 25.463 | 8.174 | 0.0 | 143.671 | 3.403 | 0.0 | 117.988 | 4.479 | 0.0 | 1.406 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.148 | 0.0 |
| 115 | 12655 | 12656 | NS | 1 | 0.0 | 270.15 | 5.298 | 0.0 | 25.772 | 6.674 | 0.0 | 126.357 | 2.263 | 0.0 | 39.802 | 3.002 | 0.0 | 1.441 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 116 | 12655 | 12656 | SN | 1 | 0.0 | 23.301 | 6.668 | 0.0 | 25.463 | 8.015 | 0.0 | 143.721 | 3.399 | 0.0 | 117.988 | 4.269 | 0.0 | 1.406 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.148 | 0.0 |
| 117 | 12655 | 12656 | NS | 1 | 0.0 | 270.657 | 5.294 | 0.0 | 25.772 | 6.672 | 0.0 | 139.792 | 2.257 | 0.0 | 48.94 | 3.002 | 0.0 | 1.435 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.159 | 0.0 |
| 118 | 12655 | 12656 | SN | 1 | 0.0 | 23.301 | 6.67 | 0.0 | 25.463 | 8.017 | 0.0 | 143.671 | 3.396 | 0.0 | 117.988 | 4.267 | 0.0 | 1.406 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.148 | 0.0 |
| 119 | 12655 | 12656 | NS | 1 | 0.0 | 43.053 | 9.65 | 0.0 | 32.765 | 13.902 | 0.0 | 354.546 | 9.396 | 0.0 | 35.39 | 11.417 | 0.0 | 1.417 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.158 | 0.0 |
| 120 | 12656 | 12657 | SN | 1 | 0.0 | 23.317 | 6.597 | 0.0 | 227.59 | 8.06 | 0.0 | 144.074 | 3.082 | 0.0 | 191.677 | 4.185 | 0.0 | 1.409 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.148 | 0.0 |
| 121 | 12656 | 12657 | NS | 1 | 0.0 | 257.515 | 5.342 | 0.0 | 24.481 | 6.688 | 0.0 | 355.036 | 2.28 | 0.0 | 37.701 | 3.017 | 0.0 | 1.434 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.157 | 0.0 |
| 122 | 12656 | 12657 | NS | 1 | 0.0 | 257.515 | 5.342 | 0.0 | 24.481 | 6.688 | 0.0 | 355.036 | 2.28 | 0.0 | 37.701 | 3.017 | 0.0 | 1.434 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.157 | 0.0 |
| 123 | 12656 | 12657 | NS | 1 | 0.0 | 268.958 | 9.699 | 0.0 | 32.781 | 13.915 | 0.0 | 130.923 | 9.473 | 0.0 | 36.151 | 11.459 | 0.0 | 1.417 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.156 | 0.0 |
| 124 | 12656 | 12657 | NS | 1 | 0.0 | 268.958 | 9.699 | 0.0 | 32.781 | 13.915 | 0.0 | 130.923 | 9.473 | 0.0 | 36.151 | 11.459 | 0.0 | 1.417 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.156 | 0.0 |
| 125 | 12656 | 12657 | SN | 1 | 0.0 | 32.445 | 12.288 | 0.0 | 24.586 | 12.486 | 0.0 | 145.602 | 10.711 | 0.0 | 161.107 | 12.569 | 0.0 | 1.419 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.151 | 0.0 |
| 126 | 12656 | 12657 | SN | 1 | 0.0 | 32.445 | 12.288 | 0.0 | 24.586 | 12.486 | 0.0 | 145.602 | 10.711 | 0.0 | 161.107 | 12.569 | 0.0 | 1.419 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.151 | 0.0 |
| 127 | 12657 | 12658 | SN | 1 | 0.0 | 23.306 | 6.616 | 0.0 | 25.452 | 8.167 | 0.0 | 141.283 | 3.484 | 0.0 | 117.026 | 4.372 | 0.0 | 1.409 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.149 | 0.0 |
| 128 | 12657 | 12658 | SN | 1 | 0.0 | 31.948 | 12.276 | 0.0 | 25.027 | 12.533 | 0.0 | 146.087 | 10.979 | 0.0 | 64.291 | 12.907 | 0.0 | 1.419 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.15 | 0.0 |
| 129 | 12657 | 12658 | SN | 1 | 0.0 | 23.306 | 6.621 | 0.0 | 25.452 | 8.162 | 0.0 | 141.349 | 3.486 | 0.0 | 117.026 | 4.379 | 0.0 | 1.409 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.149 | 0.0 |
| 130 | 12657 | 12658 | NS | 1 | 0.0 | 155.391 | 5.308 | 0.0 | 24.481 | 6.617 | 0.0 | 355.45 | 2.236 | 0.0 | 49.872 | 2.958 | 0.0 | 1.424 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.157 | 0.0 |
| 131 | 12657 | 12658 | SN | 1 | 0.0 | 31.948 | 12.295 | 0.0 | 25.027 | 12.343 | 0.0 | 146.054 | 11.059 | 0.0 | 64.291 | 12.686 | 0.0 | 1.419 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.15 | 0.0 |
| 132 | 12657 | 12658 | SN | 1 | 0.0 | 31.948 | 12.296 | 0.0 | 25.027 | 12.363 | 0.0 | 146.087 | 11.045 | 0.0 | 64.291 | 12.693 | 0.0 | 1.419 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.15 | 0.0 |
| 133 | 12657 | 12658 | NS | 1 | 0.0 | 155.391 | 5.308 | 0.0 | 24.481 | 6.617 | 0.0 | 355.45 | 2.236 | 0.0 | 49.872 | 2.958 | 0.0 | 1.424 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.157 | 0.0 |
| 134 | 12657 | 12658 | SN | 1 | 0.0 | 23.306 | 6.634 | 0.0 | 25.452 | 8.194 | 0.0 | 141.349 | 3.474 | 0.0 | 117.026 | 4.453 | 0.0 | 1.409 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.149 | 0.0 |
| 135 | 12657 | 12658 | NS | 1 | 0.0 | 155.628 | 9.58 | 0.0 | 32.831 | 13.904 | 0.0 | 356.399 | 9.356 | 0.0 | 32.224 | 11.423 | 0.0 | 1.411 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.16 | 0.0 |
| 136 | 12657 | 12658 | NS | 1 | 0.0 | 155.628 | 9.58 | 0.0 | 32.831 | 13.904 | 0.0 | 356.399 | 9.356 | 0.0 | 32.224 | 11.423 | 0.0 | 1.411 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.16 | 0.0 |
| 137 | 12658 | 12659 | NS | 1 | 0.0 | 218.653 | 5.316 | 0.0 | 25.777 | 6.629 | 0.0 | 256.31 | 2.26 | 0.0 | 39.741 | 2.979 | 0.0 | 1.425 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.157 | 0.0 |
| 138 | 12658 | 12659 | SN | 1 | 0.0 | 32.064 | 12.28 | 0.0 | 24.608 | 12.299 | 0.0 | 148.127 | 11.209 | 0.0 | 22.446 | 12.78 | 0.0 | 1.416 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.15 | 0.0 |
| 139 | 12658 | 12659 | SN | 1 | 0.0 | 23.301 | 6.684 | 0.0 | 25.446 | 8.08 | 0.0 | 148.26 | 3.488 | 0.0 | 15.475 | 4.4 | 0.0 | 1.406 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.15 | 0.0 |
| 140 | 12658 | 12659 | SN | 1 | 0.0 | 32.064 | 12.252 | 0.0 | 24.608 | 12.537 | 0.0 | 148.127 | 11.123 | 0.0 | 61.09 | 13.09 | 0.0 | 1.416 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.15 | 0.0 |
| 141 | 12658 | 12659 | NS | 1 | 0.0 | 143.691 | 9.576 | 0.0 | 32.825 | 13.879 | 0.0 | 356.619 | 9.426 | 0.0 | 32.836 | 11.429 | 0.0 | 1.416 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.159 | 0.0 |
| 142 | 12658 | 12659 | NS | 1 | 0.0 | 143.691 | 9.576 | 0.0 | 32.825 | 13.879 | 0.0 | 356.619 | 9.426 | 0.0 | 32.836 | 11.429 | 0.0 | 1.416 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.159 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 143 | 12658 | 12659 | SN | 1 | 0.0 | 32.064 | 12.252 | 0.0 | 24.608 | 12.537 | 0.0 | 148.127 | 11.123 | 0.0 | 61.09 | 13.09 | 0.0 | 1.416 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.837 | 0.0 | 0.0 | 2.15 | 0.0 |
| 144 | 12658 | 12659 | SN | 1 | 0.0 | 23.301 | 6.698 | 0.0 | 25.446 | 8.146 | 0.0 | 148.26 | 3.492 | 0.0 | 49.183 | 4.513 | 0.0 | 1.406 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.15 | 0.0 |
| 145 | 12658 | 12659 | SN | 1 | 0.0 | 23.301 | 6.698 | 0.0 | 25.446 | 8.146 | 0.0 | 148.26 | 3.492 | 0.0 | 49.183 | 4.513 | 0.0 | 1.406 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.15 | 0.0 |
| 146 | 12658 | 12659 | NS | 1 | 0.0 | 218.653 | 5.316 | 0.0 | 25.777 | 6.629 | 0.0 | 256.31 | 2.26 | 0.0 | 39.741 | 2.979 | 0.0 | 1.425 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.157 | 0.0 |
| 147 | 12659 | 12660 | SN | 1 | 0.0 | 32.268 | 12.297 | 0.0 | 237.341 | 12.691 | 0.0 | 144.421 | 11.217 | 0.0 | 70.112 | 13.045 | 0.0 | 1.414 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.151 | 0.0 |
| 148 | 12659 | 12660 | NS | 1 | 0.0 | 67.683 | 5.311 | 0.0 | 25.777 | 6.646 | 0.0 | 351.595 | 2.262 | 0.0 | 62.805 | 2.99 | 0.0 | 1.428 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.156 | 0.0 |
| 149 | 12659 | 12660 | SN | 1 | 0.0 | 32.263 | 12.307 | 0.0 | 89.475 | 12.701 | 0.0 | 144.41 | 11.217 | 0.0 | 70.123 | 13.031 | 0.0 | 1.414 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.151 | 0.0 |
| 150 | 12659 | 12660 | SN | 1 | 0.0 | 23.312 | 6.689 | 0.0 | 161.885 | 8.223 | 0.0 | 142.712 | 3.528 | 0.0 | 57.714 | 4.46 | 0.0 | 1.402 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.15 | 0.0 |
| 151 | 12659 | 12660 | NS | 1 | 0.0 | 271.622 | 9.605 | 0.0 | 32.803 | 13.869 | 0.0 | 356.741 | 9.44 | 0.0 | 33.581 | 11.472 | 0.0 | 1.408 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.159 | 0.0 |
| 152 | 12659 | 12660 | NS | 1 | 0.0 | 271.512 | 9.634 | 0.0 | 33.09 | 13.923 | 0.0 | 356.741 | 9.401 | 0.0 | 34.375 | 11.461 | 0.0 | 1.411 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.158 | 0.0 |
| 153 | 12659 | 12660 | NS | 1 | 0.0 | 140.249 | 5.329 | 0.0 | 25.777 | 6.636 | 0.0 | 355.803 | 2.258 | 0.0 | 22.716 | 2.979 | 0.0 | 1.424 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.156 | 0.0 |
| 154 | 12659 | 12660 | SN | 1 | 0.0 | 23.312 | 6.701 | 0.0 | 25.457 | 8.221 | 0.0 | 142.695 | 3.53 | 0.0 | 57.726 | 4.46 | 0.0 | 1.405 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.15 | 0.0 |
| 155 | 12660 | 12661 | SN | 1 | 0.0 | 23.323 | 6.73 | 0.0 | 25.452 | 8.226 | 0.0 | 170.044 | 3.525 | 0.0 | 88.033 | 4.503 | 0.0 | 1.406 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.15 | 0.0 |
| 156 | 12660 | 12661 | SN | 1 | 0.0 | 32.158 | 12.313 | 0.0 | 24.553 | 12.063 | 0.0 | 142.022 | 11.368 | 0.0 | 18.644 | 12.488 | 0.0 | 1.416 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.152 | 0.0 |
| 157 | 12660 | 12661 | NS | 1 | 0.0 | 44.845 | 5.289 | 0.0 | 24.487 | 6.625 | 0.0 | 176.858 | 2.232 | 0.0 | 24.316 | 2.978 | 0.0 | 1.436 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.156 | 0.0 |
| 158 | 12660 | 12661 | NS | 1 | 0.0 | 44.845 | 5.289 | 0.0 | 24.487 | 6.625 | 0.0 | 176.858 | 2.234 | 0.0 | 24.316 | 2.978 | 0.0 | 1.436 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.156 | 0.0 |
| 159 | 12660 | 12661 | SN | 1 | 0.0 | 23.323 | 6.73 | 0.0 | 25.452 | 8.229 | 0.0 | 170.044 | 3.523 | 0.0 | 88.033 | 4.503 | 0.0 | 1.406 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.15 | 0.0 |
| 160 | 12660 | 12661 | NS | 1 | 0.0 | 24.707 | 9.584 | 0.0 | 33.107 | 13.916 | 0.0 | 354.375 | 9.353 | 0.0 | 34.827 | 11.316 | 0.0 | 1.401 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.156 | 0.0 |
| 161 | 12660 | 12661 | NS | 1 | 0.0 | 24.713 | 9.574 | 0.0 | 33.107 | 13.916 | 0.0 | 354.369 | 9.353 | 0.0 | 34.827 | 11.323 | 0.0 | 1.401 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.156 | 0.0 |
| 162 | 12660 | 12661 | SN | 1 | 0.0 | 23.323 | 6.708 | 0.0 | 25.452 | 8.087 | 0.0 | 170.044 | 3.551 | 0.0 | 88.033 | 4.326 | 0.0 | 1.406 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.846 | 0.0 | 0.0 | 2.15 | 0.0 |
| 163 | 12660 | 12661 | SN | 1 | 0.0 | 32.158 | 12.31 | 0.0 | 250.136 | 12.599 | 0.0 | 142.022 | 11.217 | 0.0 | 61.691 | 13.226 | 0.0 | 1.416 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.152 | 0.0 |
| 164 | 12660 | 12661 | SN | 1 | 0.0 | 32.158 | 12.31 | 0.0 | 250.136 | 12.599 | 0.0 | 142.022 | 11.217 | 0.0 | 61.658 | 13.212 | 0.0 | 1.416 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.152 | 0.0 |
| 165 | 12661 | 12662 | SN | 1 | 0.0 | 23.301 | 6.689 | 0.0 | 186.84 | 8.237 | 0.0 | 146.578 | 3.404 | 0.0 | 65.171 | 4.378 | 0.0 | 1.407 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.15 | 0.0 |
| 166 | 12661 | 12662 | SN | 1 | 0.0 | 32.351 | 12.181 | 0.0 | 186.81 | 12.26 | 0.0 | 146.456 | 10.994 | 0.0 | 17.378 | 12.506 | 0.0 | 1.417 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.152 | 0.0 |
| 167 | 12661 | 12662 | SN | 1 | 0.0 | 32.351 | 12.183 | 0.0 | 186.81 | 12.618 | 0.0 | 146.456 | 10.888 | 0.0 | 47.578 | 13.032 | 0.0 | 1.417 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.851 | 0.0 | 0.0 | 2.152 | 0.0 |
| 168 | 12661 | 12662 | NS | 1 | 0.0 | 122.574 | 9.715 | 0.0 | 32.715 | 13.86 | 0.0 | 354.744 | 9.466 | 0.0 | 36.344 | 11.394 | 0.0 | 1.403 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.153 | 0.0 |
| 169 | 12661 | 12662 | NS | 1 | 0.0 | 191.401 | 9.685 | 0.0 | 32.715 | 13.85 | 0.0 | 354.739 | 9.459 | 0.0 | 35.39 | 11.38 | 0.0 | 1.413 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.153 | 0.0 |
| 170 | 12661 | 12662 | SN | 1 | 0.0 | 23.301 | 6.669 | 0.0 | 186.84 | 8.125 | 0.0 | 146.578 | 3.419 | 0.0 | 15.58 | 4.2 | 0.0 | 1.407 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.15 | 0.0 |
| 171 | 12661 | 12662 | SN | 1 | 0.0 | 23.301 | 6.689 | 0.0 | 186.84 | 8.237 | 0.0 | 146.578 | 3.404 | 0.0 | 65.171 | 4.378 | 0.0 | 1.407 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.15 | 0.0 |
| 172 | 12661 | 12662 | NS | 1 | 0.0 | 254.368 | 5.34 | 0.0 | 24.487 | 6.624 | 0.0 | 354.97 | 2.252 | 0.0 | 36.752 | 2.978 | 0.0 | 1.431 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.156 | 0.0 |
| 173 | 12661 | 12662 | NS | 1 | 0.0 | 201.992 | 5.338 | 0.0 | 24.487 | 6.617 | 0.0 | 354.959 | 2.264 | 0.0 | 36.73 | 2.972 | 0.0 | 1.408 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.156 | 0.0 |
| 174 | 12662 | 12663 | NS | 1 | 0.0 | 257.509 | 5.337 | 0.0 | 25.766 | 6.631 | 0.0 | 355.329 | 2.249 | 0.0 | 38.175 | 2.99 | 0.0 | 1.433 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.156 | 0.0 |
| 175 | 12662 | 12663 | NS | 1 | 0.0 | 268.964 | 9.694 | 0.0 | 32.759 | 13.837 | 0.0 | 354.038 | 9.44 | 0.0 | 37.485 | 11.419 | 0.0 | 1.417 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.154 | 0.0 |
| 176 | 12662 | 12663 | SN | 1 | 0.0 | 32.478 | 12.172 | 0.0 | 24.613 | 12.573 | 0.0 | 153.659 | 11.082 | 0.0 | 69.39 | 13.029 | 0.0 | 1.419 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.152 | 0.0 |
| 177 | 12662 | 12663 | SN | 1 | 0.0 | 23.317 | 6.652 | 0.0 | 25.435 | 8.233 | 0.0 | 144.046 | 3.316 | 0.0 | 225.997 | 4.442 | 0.0 | 1.408 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.149 | 0.0 |
| 178 | 12662 | 12663 | SN | 1 | 0.0 | 23.317 | 6.652 | 0.0 | 25.435 | 8.237 | 0.0 | 144.046 | 3.318 | 0.0 | 225.997 | 4.441 | 0.0 | 1.408 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.149 | 0.0 |
| 179 | 12662 | 12663 | SN | 1 | 0.0 | 32.478 | 12.184 | 0.0 | 24.404 | 11.883 | 0.0 | 153.659 | 11.262 | 0.0 | 15.701 | 12.079 | 0.0 | 1.419 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.152 | 0.0 |

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

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 12662 | 12663 | SN | 1 | 0.0 | 23.317 | 6.618 | 0.0 | 25.435 | 8.053 | 0.0 | 144.046 | 3.356 | 0.0 | 225.997 | 4.203 | 0.0 | 1.408 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.849 | 0.0 | 0.0 | 2.149 | 0.0 |
| 181 | 12663 | 12664 | SN | 1 | 0.0 | 23.301 | 6.436 | 0.0 | 270.478 | 8.115 | 0.0 | 152.981 | 3.225 | 0.0 | 270.18 | 4.361 | 0.0 | 1.408 | 0.0 | 0.0 | 1.884 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.173 | 0.0 |
| 182 | 12663 | 12664 | SN | 1 | 0.0 | 29.555 | 11.977 | 0.0 | 264.174 | 12.653 | 0.0 | 148.381 | 10.644 | 0.0 | 271.636 | 12.907 | 0.0 | 1.419 | 0.0 | 0.0 | 1.884 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.152 | 0.0 |
| 183 | 12663 | 12664 | NS | 1 | 0.0 | 25.612 | 5.291 | 0.0 | 25.772 | 6.649 | 0.0 | 167.513 | 2.245 | 0.0 | 50.622 | 2.983 | 0.0 | 1.439 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.156 | 0.0 |
| 184 | 12663 | 12664 | NS | 1 | 0.0 | 23.196 | 9.557 | 0.0 | 32.803 | 13.914 | 0.0 | 245.906 | 9.404 | 0.0 | 32.665 | 11.502 | 0.0 | 1.407 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.158 | 0.0 |
| 185 | 12663 | 12664 | NS | 1 | 0.0 | 23.196 | 9.588 | 0.0 | 32.803 | 13.905 | 0.0 | 281.935 | 9.412 | 0.0 | 32.654 | 11.502 | 0.0 | 1.416 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.158 | 0.0 |
| 186 | 12663 | 12664 | SN | 1 | 0.0 | 29.555 | 11.977 | 0.0 | 264.174 | 12.653 | 0.0 | 148.381 | 10.644 | 0.0 | 271.636 | 12.907 | 0.0 | 1.419 | 0.0 | 0.0 | 1.884 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.152 | 0.0 |
| 187 | 12663 | 12664 | SN | 1 | 0.0 | 29.555 | 11.977 | 0.0 | 264.174 | 12.653 | 0.0 | 148.381 | 10.644 | 0.0 | 271.636 | 12.907 | 0.0 | 1.419 | 0.0 | 0.0 | 1.884 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.152 | 0.0 |
| 188 | 12663 | 12664 | SN | 1 | 0.0 | 23.301 | 6.436 | 0.0 | 270.478 | 8.112 | 0.0 | 152.981 | 3.224 | 0.0 | 270.18 | 4.358 | 0.0 | 1.408 | 0.0 | 0.0 | 1.884 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.173 | 0.0 |
| 189 | 12663 | 12664 | SN | 1 | 0.0 | 23.301 | 6.436 | 0.0 | 270.478 | 8.112 | 0.0 | 152.981 | 3.224 | 0.0 | 270.18 | 4.358 | 0.0 | 1.408 | 0.0 | 0.0 | 1.884 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.173 | 0.0 |
| 190 | 12664 | 12665 | NS | 1 | 0.0 | 41.928 | 9.601 | 0.0 | 32.803 | 13.905 | 0.0 | 281.577 | 9.419 | 0.0 | 33.217 | 11.434 | 0.0 | 1.402 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.154 | 0.0 |
| 191 | 12664 | 12665 | SN | 1 | 0.0 | 23.323 | 6.669 | 0.0 | 186.821 | 8.291 | 0.0 | 145.044 | 3.445 | 0.0 | 46.596 | 4.576 | 0.0 | 1.407 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.15 | 0.0 |
| 192 | 12664 | 12665 | SN | 1 | 0.0 | 27.691 | 12.056 | 0.0 | 148.442 | 12.583 | 0.0 | 145.844 | 11.069 | 0.0 | 66.384 | 13.304 | 0.0 | 1.417 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.151 | 0.0 |
| 193 | 12664 | 12665 | NS | 1 | 0.0 | 262.991 | 5.259 | 0.0 | 25.777 | 6.612 | 0.0 | 199.527 | 2.229 | 0.0 | 61.983 | 2.948 | 0.0 | 1.437 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.156 | 0.0 |
| 194 | 12664 | 12665 | NS | 1 | 0.0 | 25.623 | 5.259 | 0.0 | 25.777 | 6.609 | 0.0 | 199.527 | 2.229 | 0.0 | 61.961 | 2.952 | 0.0 | 1.44 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.155 | 0.0 |
| 195 | 12664 | 12665 | NS | 1 | 0.0 | 23.191 | 9.621 | 0.0 | 32.803 | 13.895 | 0.0 | 208.023 | 9.412 | 0.0 | 33.211 | 11.434 | 0.0 | 1.401 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.156 | 0.0 |
| 196 | 12665 | 12666 | NS | 1 | 0.0 | 24.056 | 9.635 | 0.0 | 33.084 | 13.917 | 0.0 | 356.719 | 9.279 | 0.0 | 34.502 | 11.402 | 0.0 | 1.419 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.868 | 0.0 | 0.0 | 2.155 | 0.0 |
| 197 | 12665 | 12666 | NS | 1 | 0.0 | 25.623 | 5.265 | 0.0 | 25.772 | 6.613 | 0.0 | 243.071 | 2.212 | 0.0 | 63.489 | 2.914 | 0.0 | 1.437 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.155 | 0.0 |
| 198 | 12666 | 12667 | SN | 1 | 0.0 | 23.323 | 6.726 | 0.0 | 178.562 | 8.201 | 0.0 | 200.718 | 3.529 | 0.0 | 51.736 | 4.626 | 0.0 | 1.41 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.15 | 0.0 |
| 199 | 12666 | 12667 | SN | 1 | 0.0 | 32.075 | 12.128 | 0.0 | 24.613 | 12.678 | 0.0 | 147.681 | 11.099 | 0.0 | 66.285 | 13.005 | 0.0 | 1.418 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 1.836 | 0.0 | 0.0 | 2.154 | 0.0 |
| 200 | 12667 | 12668 | SN | 1 | 0.0 | 31.314 | 12.029 | 0.0 | 24.619 | 12.594 | 0.0 | 169.856 | 10.99 | 0.0 | 47.787 | 13.077 | 0.0 | 1.416 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.838 | 0.0 | 0.0 | 2.153 | 0.0 |
| 201 | 12667 | 12668 | NS | 1 | 0.0 | 209.992 | 9.696 | 0.0 | 33.112 | 13.857 | 0.0 | 163.887 | 9.331 | 0.0 | 35.627 | 11.381 | 0.0 | 1.421 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.154 | 0.0 |
| 202 | 12667 | 12668 | NS | 1 | 0.0 | 254.622 | 5.292 | 0.0 | 25.766 | 6.616 | 0.0 | 355.092 | 2.206 | 0.0 | 37.033 | 2.935 | 0.0 | 1.422 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.156 | 0.0 |
| 203 | 12667 | 12668 | SN | 1 | 0.0 | 23.317 | 6.716 | 0.0 | 25.419 | 8.201 | 0.0 | 178.432 | 3.615 | 0.0 | 69.313 | 4.646 | 0.0 | 1.409 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.848 | 0.0 | 0.0 | 2.15 | 0.0 |
| 204 | 12668 | 12669 | SN | 1 | 0.0 | 18.37 | 5.071 | 0.0 | 125.833 | 8.228 | 0.0 | 15.315 | 1.988 | 0.0 | 71.204 | 8.085 | 0.0 | 1.368 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 1.845 | 0.0 | 0.0 | 2.142 | 0.0 |
| 205 | 12668 | 12669 | NS | 1 | 0.0 | 55.566 | 5.28 | 0.0 | 25.783 | 6.592 | 0.0 | 356.459 | 2.232 | 0.0 | 49.376 | 2.986 | 0.0 | 1.436 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.156 | 0.0 |
| 206 | 12668 | 12669 | SN | 1 | 0.0 | 24.244 | 6.315 | 0.0 | 65.317 | 13.959 | 0.0 | 17.874 | 7.246 | 0.0 | 131.988 | 23.284 | 0.0 | 1.326 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 2.15 | 0.0 |
| 207 | 12668 | 12669 | SN | 1 | 0.0 | 23.328 | 6.352 | 0.0 | 63.963 | 7.788 | 0.0 | 166.586 | 3.124 | 0.0 | 257.666 | 4.897 | 0.0 | 1.408 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.853 | 0.0 | 0.0 | 2.151 | 0.0 |
| 208 | 12668 | 12669 | SN | 1 | 0.0 | 29.709 | 11.722 | 0.0 | 125.85 | 12.415 | 0.0 | 159.224 | 11.019 | 0.0 | 232.689 | 13.355 | 0.0 | 1.418 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.852 | 0.0 | 0.0 | 2.153 | 0.0 |
| 209 | 12668 | 12669 | NS | 1 | 0.0 | 67.484 | 9.732 | 0.0 | 29.676 | 13.26 | 0.0 | 356.459 | 10.304 | 0.0 | 14.019 | 11.055 | 0.0 | 1.418 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.155 | 0.0 |
| 210 | 12668 | 12669 | NS | 1 | 0.0 | 55.566 | 5.807 | 0.0 | 25.783 | 6.814 | 0.0 | 356.459 | 2.465 | 0.0 | 12.822 | 3.162 | 0.0 | 1.436 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.156 | 0.0 |
| 211 | 12668 | 12669 | NS | 1 | 0.0 | 67.484 | 9.57 | 0.0 | 32.754 | 13.93 | 0.0 | 356.459 | 9.336 | 0.0 | 32.086 | 11.39 | 0.0 | 1.418 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.856 | 0.0 | 0.0 | 2.155 | 0.0 |
| 212 | 12669 | 12670 | NS | 1 | 0.0 | 23.362 | 9.456 | 0.0 | 33.178 | 13.844 | 0.0 | 317.507 | 9.207 | 0.0 | 32.98 | 11.24 | 0.0 | 1.412 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.157 | 0.0 |
| 213 | 12669 | 12670 | SN | 1 | 0.0 | 23.323 | 6.698 | 0.0 | 266.697 | 8.059 | 0.0 | 149.716 | 3.678 | 0.0 | 15.591 | 4.661 | 0.0 | 1.407 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.15 | 0.0 |
| 214 | 12669 | 12670 | SN | 1 | 0.0 | 31.816 | 12.107 | 0.0 | 24.624 | 12.57 | 0.0 | 146.043 | 11.118 | 0.0 | 62.259 | 13.328 | 0.0 | 1.417 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.152 | 0.0 |
| 215 | 12669 | 12670 | NS | 1 | 0.0 | 23.362 | 9.414 | 0.0 | 32.787 | 13.282 | 0.0 | 317.507 | 9.741 | 0.0 | 32.98 | 10.881 | 0.0 | 1.412 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.157 | 0.0 |
| 216 | 12669 | 12670 | NS | 1 | 0.0 | 25.617 | 5.181 | 0.0 | 24.729 | 6.525 | 0.0 | 74.913 | 2.171 | 0.0 | 21.354 | 2.875 | 0.0 | 1.437 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.871 | 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

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 217 | 12669 | 12670 | NS | 1 | 0.0 | 25.617 | 6.064 | 0.0 | 24.729 | 6.945 | 0.0 | 74.913 | 2.555 | 0.0 | 12.817 | 3.242 | 0.0 | 1.437 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.156 | 0.0 |
| 218 | 12669 | 12670 | NS | 1 | 0.0 | 23.362 | 9.486 | 0.0 | 33.178 | 13.874 | 0.0 | 331.57 | 9.243 | 0.0 | 32.98 | 11.261 | 0.0 | 1.412 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 1.857 | 0.0 | 0.0 | 2.157 | 0.0 |
| 219 | 12669 | 12670 | SN | 1 | 0.0 | 31.816 | 11.663 | 0.0 | 24.624 | 12.469 | 0.0 | 146.043 | 10.747 | 0.0 | 62.259 | 13.478 | 0.0 | 1.417 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.152 | 0.0 |
| 220 | 12669 | 12670 | SN | 1 | 0.0 | 23.323 | 6.723 | 0.0 | 266.697 | 8.152 | 0.0 | 149.716 | 3.654 | 0.0 | 50.01 | 4.763 | 0.0 | 1.407 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.85 | 0.0 | 0.0 | 2.15 | 0.0 |
| 221 | 12669 | 12670 | SN | 1 | 0.0 | 31.816 | 11.625 | 0.0 | 24.365 | 11.752 | 0.0 | 146.043 | 10.921 | 0.0 | 15.999 | 12.497 | 0.0 | 1.417 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 1.855 | 0.0 | 0.0 | 2.152 | 0.0 |
| 222 | 12669 | 12670 | NS | 1 | 0.0 | 25.617 | 5.566 | 0.0 | 24.729 | 6.49 | 0.0 | 74.913 | 2.319 | 0.0 | 17.913 | 2.976 | 0.0 | 1.437 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.156 | 0.0 |
| 223 | 12669 | 12670 | SN | 1 | 0.0 | 23.323 | 6.737 | 0.0 | 266.697 | 8.247 | 0.0 | 149.716 | 3.608 | 0.0 | 50.01 | 4.868 | 0.0 | 1.407 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 1.854 | 0.0 | 0.0 | 2.15 | 0.0 |
| 224 | 12669 | 12670 | NS | 1 | 0.0 | 25.617 | 5.234 | 0.0 | 24.729 | 6.559 | 0.0 | 100.712 | 2.199 | 0.0 | 21.354 | 2.908 | 0.0 | 1.437 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 1.871 | 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